

7.7.1 Antenna 4b – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-77.97	2.98	32.01	-63.25	-13.00	-50.25
5580.0	V	-	-	-78.88	5.50	33.62	-61.64	-13.00	-48.64
7440.0	V	-	-	-79.03	8.91	36.88	-58.38	-13.00	-45.38

Table 7-22. Antenna 4b Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-77.82	2.53	31.71	-63.55	-13.00	-50.55
5647.5	V	-	-	-78.54	5.44	33.90	-61.36	-13.00	-48.36
7530.0	V	-	-	-80.25	8.50	35.25	-60.01	-13.00	-47.01

Table 7-23. Antenna 4b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	-	-	-77.35	1.94	31.59	-63.67	-13.00	-50.67
5715.00	V	-	-	-79.00	5.85	33.85	-61.41	-13.00	-48.41
7620.00	V	-	-	-80.44	8.74	35.31	-59.95	-13.00	-46.95

Table 7-24. Antenna 4b Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 197 of 216

V2.2 09/07/2023

NR Band n25/2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-78.01	2.80	31.80	-63.46	-13.00	-50.46
5610.0	V	-	-	-78.70	5.27	33.57	-61.69	-13.00	-48.69
7480.0	V	-	-	-78.87	8.70	36.83	-58.42	-13.00	-45.42

Table 7-25. Antenna 4b Radiated Spurious Data (NR Band n25/2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-77.72	2.53	31.81	-63.45	-13.00	-50.45
5647.5	V	-	-	-78.67	5.44	33.77	-61.48	-13.00	-48.48
7530.0	V	-	-	-80.50	8.50	35.00	-60.26	-13.00	-47.26

Table 7-26. Antenna 4b Radiated Spurious Data (NR Band n25/2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

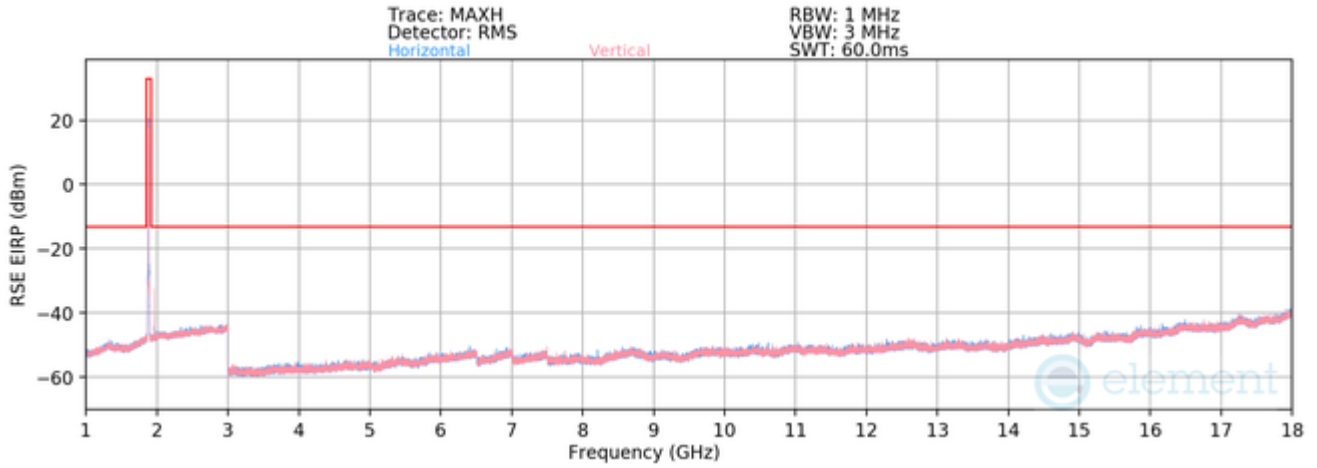
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	V	-	-	-77.18	2.03	31.86	-63.40	-13.00	-50.40
5685.0	V	-	-	-78.90	5.50	33.60	-61.66	-13.00	-48.66
7580.0	V	-	-	-80.44	8.59	35.14	-60.11	-13.00	-47.11

Table 7-27. Antenna 4b Radiated Spurious Data (NR Band n25/2 – High Channel)


FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 198 of 216

V2.2 09/07/2023

WCDMA PCS



Plot 7-302. Radiated Spurious Plot (WCDMA PCS)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 199 of 216

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-78.53	3.79	32.26	-63.00	-13.00	-50.00
5557.2	V	-	-	-79.00	5.92	33.92	-61.34	-13.00	-48.34
7409.6	V	-	-	-79.00	8.34	36.34	-58.91	-13.00	-45.91

Table 7-28. Antenna 4b Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-78.48	3.38	31.90	-63.36	-13.00	-50.36
5640.0	V	-	-	-79.39	6.01	33.62	-61.64	-13.00	-48.64
7520.0	V	-	-	-80.26	8.37	35.11	-60.15	-13.00	-47.15

Table 7-29. Antenna 4b Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	V	-	-	-78.20	3.25	32.05	-63.21	-13.00	-50.21
5722.8	V	-	-	-78.78	6.42	34.64	-60.62	-13.00	-47.62
7630.4	V	-	-	-80.54	8.48	34.94	-60.32	-13.00	-47.32

Table 7-30. Antenna 4b Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 200 of 216

7.7.2 Antenna 1 – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-77.92	2.98	32.07	-63.19	-13.00	-50.19
5580.0	V	-	-	-78.70	5.50	33.79	-61.46	-13.00	-48.46
7440.0	V	-	-	-79.31	9.03	36.72	-58.54	-13.00	-45.54

Table 7-31. Antenna 1 Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	117	356	-77.35	2.29	31.94	-63.32	-13.00	-50.32
5647.5	V	-	-	-78.36	5.44	34.08	-61.17	-13.00	-48.17
7530.0	V	-	-	-80.45	8.50	35.05	-60.21	-13.00	-47.21
9412.5	V	-	-	-80.77	9.43	35.65	-59.61	-13.00	-46.61

Table 7-32. Antenna 1 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	-	-	-77.38	2.03	31.65	-63.60	-13.00	-50.60
5715.00	V	-	-	-78.85	5.64	33.80	-61.46	-13.00	-48.46
7620.00	V	-	-	-80.61	8.79	35.17	-60.08	-13.00	-47.08

Table 7-33. Antenna 1 Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 201 of 216

NR Band n25/2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-77.87	2.80	31.93	-63.32	-13.00	-50.32
5610.0	V	-	-	-78.83	5.43	33.60	-61.66	-13.00	-48.66
7480.0	V	-	-	-78.92	8.70	36.78	-58.48	-13.00	-45.48

Table 7-34. Antenna 1 Radiated Spurious Data (NR Band n25/2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-77.76	2.53	31.77	-63.48	-13.00	-50.48
5647.5	V	-	-	-78.77	5.44	33.68	-61.58	-13.00	-48.58
7530.0	V	-	-	-80.31	8.44	35.13	-60.13	-13.00	-47.13

Table 7-35. Antenna 1 Radiated Spurious Data (NR Band n25/2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	V	-	-	-77.22	2.03	31.81	-63.44	-13.00	-50.44
5685.0	V	-	-	-78.78	5.50	33.72	-61.54	-13.00	-48.54
7580.0	V	-	-	-80.22	8.59	35.37	-59.89	-13.00	-46.89

Table 7-36. Antenna 1 Radiated Spurious Data (NR Band n25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 202 of 216

V2.2 09/07/2023

WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-78.83	3.81	31.98	-63.28	-13.00	-50.28
5557.2	V	-	-	-79.06	5.97	33.90	-61.36	-13.00	-48.36
7409.6	V	-	-	-79.03	8.39	36.36	-58.90	-13.00	-45.90

Table 7-37. Antenna 1 Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-78.86	3.65	31.80	-63.46	-13.00	-50.46
5640.0	V	-	-	-79.35	5.90	33.55	-61.70	-13.00	-48.70
7520.0	V	-	-	-80.29	8.27	34.97	-60.28	-13.00	-47.28

Table 7-38. Antenna 1 Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	V	-	-	-78.36	3.30	31.94	-63.31	-13.00	-50.31
5722.8	V	-	-	-79.40	6.46	34.06	-61.20	-13.00	-48.20
7630.4	V	-	-	-80.75	8.47	34.72	-60.54	-13.00	-47.54

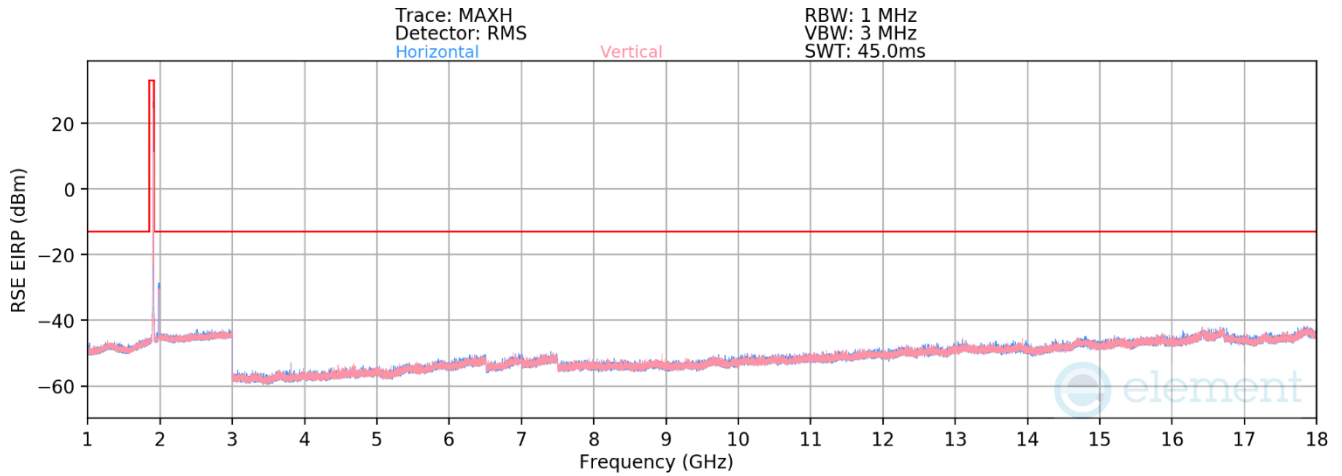
Table 7-39. Antenna 1 Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 203 of 216


V2.2 09/07/2023

7.7.3 Antenna 3 – Radiated Spurious Emission Measurement

LTE Band 25/2



Plot 7-303. Radiated Spurious Plot (LTE Band 25/2)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 204 of 216

V2.2 09/07/2023

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	292	261	-73.91	2.98	36.08	-59.18	-13.00	-46.18
5580.0	V	-	-	-78.67	5.50	33.83	-61.43	-13.00	-48.43
7440.0	V	-	-	-79.27	8.91	36.64	-58.62	-13.00	-45.62
9300.0	V	-	-	-81.03	9.68	35.65	-59.61	-13.00	-46.61

Table 7-40. Antenna 3 Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	304	267	-72.70	2.29	36.59	-58.67	-13.00	-45.67
5647.5	V	-	-	-78.73	5.44	33.71	-61.54	-13.00	-48.54
7530.0	V	-	-	-80.26	8.50	35.24	-60.02	-13.00	-47.02
9412.5	V	-	-	-80.67	9.21	35.54	-59.72	-13.00	-46.72

Table 7-41. Antenna 3 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

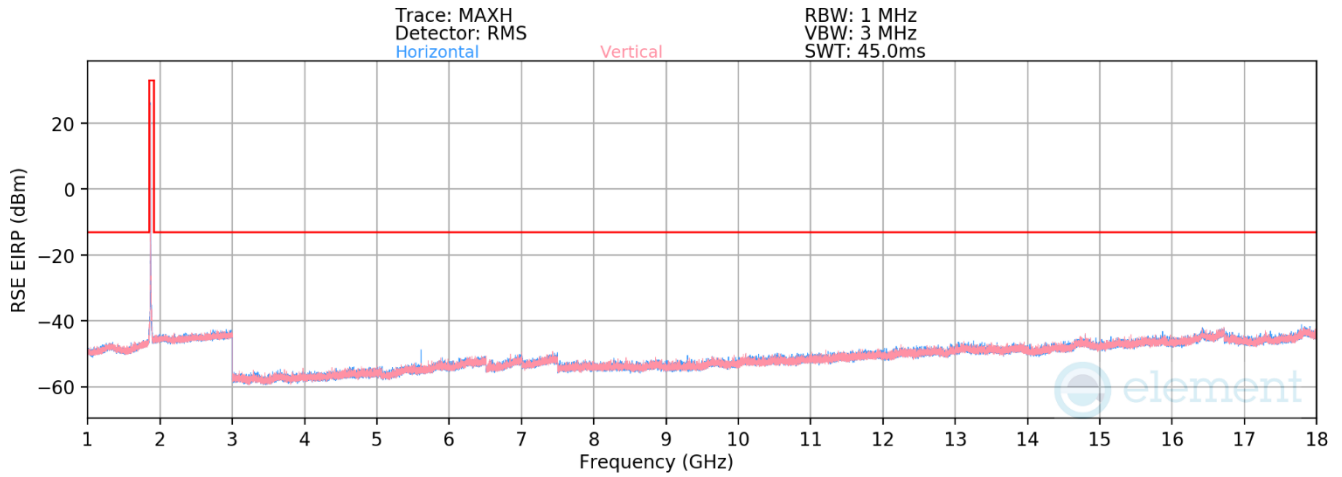
Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	333	264	-71.30	2.05	37.75	-57.51	-13.00	-44.51
5715.00	V	-	-	-79.07	5.85	33.77	-61.48	-13.00	-48.48
7620.00	V	-	-	-80.67	8.90	35.22	-60.03	-13.00	-47.03
9525.00	V	-	-	-80.59	9.26	35.67	-59.59	-13.00	-46.59


Table 7-42. Antenna 3 Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 205 of 216

NR Band n25/2



Plot 7-304. Radiated Spurious Plot (NR Band n25/2)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 206 of 216

V2.2 09/07/2023

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	H	-	-	-77.86	2.80	31.95	-63.31	-13.00	-50.31
5610.0	H	125	252	-69.56	5.43	42.87	-52.39	-13.00	-39.39
7480.0	H	-	-	-78.87	8.70	36.83	-58.43	-13.00	-45.43
9350.0	H	-	-	-80.91	9.53	35.62	-59.64	-13.00	-46.64
11220.0	H	-	-	-81.09	11.47	37.38	-57.87	-13.00	-44.87

Table 7-43. Antenna 3 Radiated Spurious Data (NR Band n25/2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-77.85	2.53	31.68	-63.58	-13.00	-50.58
5647.5	H	132	252	-69.89	5.45	42.55	-52.70	-13.00	-39.70
7530.0	H	-	-	-80.36	8.50	35.14	-60.12	-13.00	-47.12
9412.5	H	-	-	-80.73	9.21	35.48	-59.78	-13.00	-46.78
11295.0	H	-	-	-81.56	11.84	37.27	-57.98	-13.00	-44.98

Table 7-44. Antenna 3 Radiated Spurious Data (NR Band n25/2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	H	-	-	-77.33	2.03	31.70	-63.56	-13.00	-50.56
5685.0	H	222	110	-74.97	5.64	37.68	-57.58	-13.00	-44.58
7580.0	H	-	-	-80.34	8.59	35.25	-60.01	-13.00	-47.01
9475.0	H	-	-	-80.54	9.07	35.53	-59.73	-13.00	-46.73
11370.0	H	-	-	-81.43	12.25	37.82	-57.44	-13.00	-44.44

Table 7-45. Antenna 3 Radiated Spurious Data (NR Band n25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 207 of 216

WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-76.30	0.29	30.99	-64.26	-13.00	-51.26
5557.2	V	-	-	-76.40	0.35	30.94	-64.31	-13.00	-51.31
7409.6	V	-	-	-77.52	3.11	32.59	-62.67	-13.00	-49.67

Table 7-46. Antenna 3 Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-76.33	0.12	30.79	-64.46	-13.00	-51.46
5640.0	V	-	-	-77.97	3.42	32.45	-62.81	-13.00	-49.81
7520.0	V	-	-	-78.12	5.03	33.91	-61.35	-13.00	-48.35

Table 7-47. Antenna 3 Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	V	-	-	-76.14	0.34	31.19	-64.06	-13.00	-51.06
5722.8	V	-	-	-78.14	3.71	32.58	-62.68	-13.00	-49.68
7630.4	V	-	-	-78.29	4.92	33.63	-61.63	-13.00	-48.63

Table 7-48. Antenna 3 Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 208 of 216

V2.2 09/07/2023

7.7.4 Antenna 2b – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-78.01	2.98	31.97	-63.28	-13.00	-50.28
5580.0	V	-	-	-78.75	5.50	33.75	-61.51	-13.00	-48.51
7440.0	V	-	-	-79.24	8.91	36.67	-58.59	-13.00	-45.59

Table 7-49. Antenna 2b Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-77.72	2.53	31.81	-63.45	-13.00	-50.45
5647.5	V	-	-	-78.69	5.44	33.75	-61.51	-13.00	-48.51
7530.0	V	-	-	-80.51	8.50	34.99	-60.27	-13.00	-47.27

Table 7-50. Antenna 2b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	-	-	-77.46	2.12	31.66	-63.59	-13.00	-50.59
5715.00	V	-	-	-79.04	5.85	33.81	-61.45	-13.00	-48.45
7620.00	V	-	-	-80.58	8.74	35.16	-60.09	-13.00	-47.09

Table 7-51. Antenna 2b Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 209 of 216

V2.2 09/07/2023

NR Band n25/2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-77.95	2.80	31.85	-63.41	-13.00	-50.41
5610.0	V	-	-	-78.68	5.27	33.59	-61.67	-13.00	-48.67
7480.0	V	-	-	-78.85	8.70	36.85	-58.41	-13.00	-45.41

Table 7-52. Antenna 2b Radiated Spurious Data (NR Band n25/2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-77.80	2.53	31.73	-63.53	-13.00	-50.53
5647.5	V	-	-	-78.74	5.44	33.70	-61.55	-13.00	-48.55
7530.0	V	-	-	-80.50	8.50	35.00	-60.25	-13.00	-47.25

Table 7-53. Antenna 2b Radiated Spurious Data (NR Band n25/2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	V	-	-	-77.35	2.03	31.68	-63.57	-13.00	-50.57
5685.0	V	-	-	-78.86	5.50	33.63	-61.63	-13.00	-48.63
7580.0	V	-	-	-80.50	8.59	35.09	-60.17	-13.00	-47.17

Table 7-54. Antenna 2b Radiated Spurious Data (NR Band n25/2 – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 210 of 216

V2.2 09/07/2023

WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-76.24	0.29	31.05	-64.21	-13.00	-51.21
5557.2	V	-	-	-77.76	3.19	32.43	-62.83	-13.00	-49.83
7409.6	V	-	-	-77.92	4.97	34.05	-61.21	-13.00	-48.21

Table 7-55. Antenna 2b Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-75.95	0.12	31.17	-64.09	-13.00	-51.09
5640.0	V	-	-	-77.61	3.25	32.64	-62.62	-13.00	-49.62
7520.0	V	-	-	-78.03	5.03	34.01	-61.25	-13.00	-48.25

Table 7-56. Antenna 2b Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	V	-	-	-76.06	0.27	31.20	-64.06	-13.00	-51.06
5722.8	V	-	-	-78.08	3.71	32.63	-62.63	-13.00	-49.63
7630.4	V	-	-	-77.93	4.75	33.82	-61.44	-13.00	-48.44

Table 7-57. Antenna 2b Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 211 of 216

V2.2 09/07/2023

7.8 Frequency Stability / Temperature Variation

§2.1055, §24.235

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015 and 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 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI C63.26-2015

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

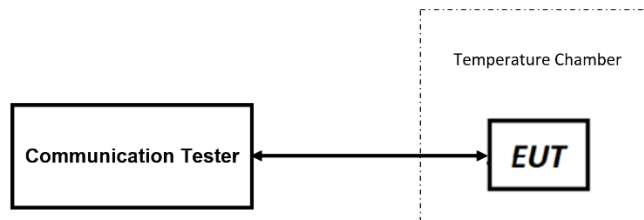



Figure 7-8. Test Instrument & Measurement Setup

Test Notes

1. All ports were tested and only the worst case data were reported.

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 212 of 216

V2.2 09/07/2023


Frequency Stability / Temperature Variation

LTE B25/2				
		Operating Band Lower Boundary (GHz)	1.850	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85073363	-0.00073363
		- 20	1.85019526	-0.00019526
		- 10	1.85012419	-0.00012419
		0	1.85089506	-0.00089506
		+ 10	1.85003269	-0.00003269
		+ 20 (Ref)	1.85001644	-0.00001644
		+ 30	1.85000758	-0.00000758
		+ 40	1.85083640	-0.00083640
Battery Endpoint	3.40	+ 20	1.85041520	-0.00041520

Table 7-58. LTE Band 25/2 Lower Boundary Frequency Stability Data

LTE B25/2				
		Operating Band Upper Boundary (GHz)	1.915	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.91400056	-0.00099944
		- 20	1.91490936	-0.00090964
		- 10	1.91461168	-0.00038832
		0	1.91480930	-0.00019070
		+ 10	1.91410059	-0.00089941
		+ 20 (Ref)	1.91488030	-0.00011970
		+ 30	1.91490841	-0.0009159
		+ 40	1.91445553	-0.00054447
Battery Endpoint	3.40	+ 20	1.91438472	-0.00061528

Table 7-59. LTE Band 25/2 Upper Boundary Frequency Stability Data

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 213 of 216


NR Band n25/2

NR Band n25/2				
		Operating Band Lower Boundary (GHz)	1.850	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85098747	-0.00098747
		- 20	1.85010704	-0.00010704
		- 10	1.85002728	-0.00002728
		0	1.85018794	-0.00018794
		+ 10	1.85093113	-0.00093113
		+ 20 (Ref)	1.85059622	-0.00059622
		+ 30	1.85077331	-0.00077331
		+ 40	1.85091584	-0.00091584
Battery Endpoint	3.40	+ 20	1.85042636	-0.00042636

Table 7-60. NR Band n25/2 Lower Boundary Frequency Stability Data

NR Band n25/2				
		Operating Band Upper Boundary (GHz)	1.915	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.91478537	-0.00021463
		- 20	1.91455779	-0.00044221
		- 10	1.91455010	-0.00044990
		0	1.91409006	-0.00090994
		+ 10	1.91449154	-0.00050846
		+ 20 (Ref)	1.91440819	-0.00059181
		+ 30	1.91406044	-0.00093956
		+ 40	1.91454860	-0.00045140
Battery Endpoint	3.40	+ 20	1.91433960	-0.00066040

Table 7-61. NR Band n25/2 Upper Boundary Frequency Stability Data

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 214 of 216


WCDMA PCS

WCDMA PCS				
Operating Band Lower Boundary (GHz)			1.850	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85039751	-0.00039751
		- 20	1.85073256	-0.00073256
		- 10	1.85006517	-0.00006517
		0	1.85050856	-0.00050856
		+ 10	1.85010794	-0.00010794
		+ 20 (Ref)	1.85090447	-0.00090447
		+ 30	1.85069980	-0.00069980
		+ 40	1.85078124	-0.00078124
		+ 50	1.85062066	-0.00062066
Battery Endpoint	3.40	+ 20	1.85029443	-0.00029443

Table 7-62. WCDMA PCS Lower Boundary Frequency Stability Data


WCDMA PCS				
Operating Band Upper Boundary (GHz)			1.910	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.90909953	-0.00090047
		- 20	1.90905332	-0.00094668
		- 10	1.90983688	-0.00016312
		0	1.90905023	-0.00094977
		+ 10	1.90910519	-0.00089481
		+ 20 (Ref)	1.90992194	-0.00007806
		+ 30	1.90959893	-0.00040107
		+ 40	1.90944367	-0.00055633
		+ 50	1.90938391	-0.00061609
Battery Endpoint	3.40	+ 20	1.90966351	-0.00033649

Table 7-63. WCDMA PCS Upper Boundary Frequency Stability Data

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
		Page 215 of 216

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA2926** complies with all the requirements of Part 24 of the FCC rules.

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 216 of 216

V2.2 09/07/2023