

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

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]
5020.0	V	-	-	-78.43	4.59	33.16	-62.10	-25.00	-37.10
7530.0	V	-	-	-80.21	8.53	35.33	-59.93	-25.00	-34.93
10040.0	V	-	-	-80.33	10.70	37.38	-57.88	-25.00	-32.88

Table 7-65. Antenna 4b Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2535.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2554.8
SCC RB / Offset:	1 / 0


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]
5070.0	V	-	-	-78.43	4.99	33.55	-61.71	-25.00	-36.71
7605.0	V	-	-	-80.04	8.90	35.86	-59.40	-25.00	-34.40
10140.0	V	-	-	-80.59	10.89	37.30	-57.96	-25.00	-32.96

Table 7-66. Antenna 4b Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2560.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2540.2
SCC RB / Offset:	1 / 99

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]
5120.0	V	-	-	-78.22	5.00	33.78	-61.48	-25.00	-36.48
7680.0	V	-	-	-80.33	9.15	35.82	-59.44	-25.00	-34.44
10240.0	V	-	-	-80.80	10.88	37.08	-58.18	-25.00	-33.18

Table 7-67. Antenna 4b Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 530 of 569

ULCA - LTE B41

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.0	V	-	-	-78.25	4.87	33.61	-61.64	-25.00	-36.64
7518.0	V	-	-	-79.67	8.56	35.89	-59.37	-25.00	-34.37
10024.0	V	-	-	-79.72	10.48	37.76	-57.49	-25.00	-32.49

Table 7-68. Antenna 4b Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0


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]
5186.0	V	-	-	-78.09	5.32	34.24	-61.02	-25.00	-36.02
7779.0	V	-	-	-79.79	8.45	35.66	-59.60	-25.00	-34.60
10372.0	V	-	-	-80.25	11.86	38.61	-56.65	-25.00	-31.65

Table 7-69. Antenna 4b Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.0	V	-	-	-78.68	6.05	34.37	-60.89	-25.00	-35.89
8040.0	V	-	-	-79.61	8.78	36.17	-59.08	-25.00	-34.08
10720.0	V	-	-	-80.43	11.16	37.73	-57.53	-25.00	-32.53

Table 7-70. Antenna 4b Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 531 of 569

7.7.2 Antenna 1 Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	263	188	-76.68	4.36	34.68	-60.58	-40.00	-20.58
6937.5	V	-	-	-79.31	8.69	36.38	-58.88	-40.00	-18.88
9250.0	V	-	-	-80.97	9.61	35.63	-59.63	-40.00	-19.63
11562.5	V	-	-	-81.02	12.00	37.98	-57.28	-40.00	-17.28

Table 7-71. Antenna 1 Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	305	187	-76.10	4.36	35.26	-59.99	-40.00	-19.99
6930.0	V	-	-	-79.36	8.84	36.49	-58.77	-40.00	-18.77
9240.0	V	-	-	-81.16	9.61	35.44	-59.81	-40.00	-19.81
11550.0	V	-	-	-81.03	11.96	37.93	-57.33	-40.00	-17.33

Table 7-72. Antenna 1 Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.00	V	-	-	-78.59	4.36	32.77	-62.49	-40.00	-22.49
6937.50	V	-	-	-79.06	8.84	36.78	-58.48	-40.00	-18.48
9250.00	V	-	-	-81.26	9.70	35.44	-59.81	-40.00	-19.81

Table 7-73. Antenna 1 Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 532 of 569

LTE Band 7

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]
5020.0	V	-	-	-78.82	4.53	32.70	-61.93	-25.00	-36.93
7530.0	V	-	-	-80.45	8.50	35.05	-59.51	-25.00	-34.51
10040.0	V	-	-	-81.21	10.65	36.44	-58.70	-25.00	-33.70

Table 7-74. Antenna 1 Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
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]
5070.0	V	-	-	-78.80	4.82	33.02	-61.95	-25.00	-36.95
7605.0	V	-	-	-80.51	8.74	35.23	-59.68	-25.00	-34.68
10140.0	V	-	-	-81.03	10.70	36.67	-58.59	-25.00	-33.59

Table 7-75. Antenna 1 Radiated Spurious Data (LTE Band 7 – Mid Channel)

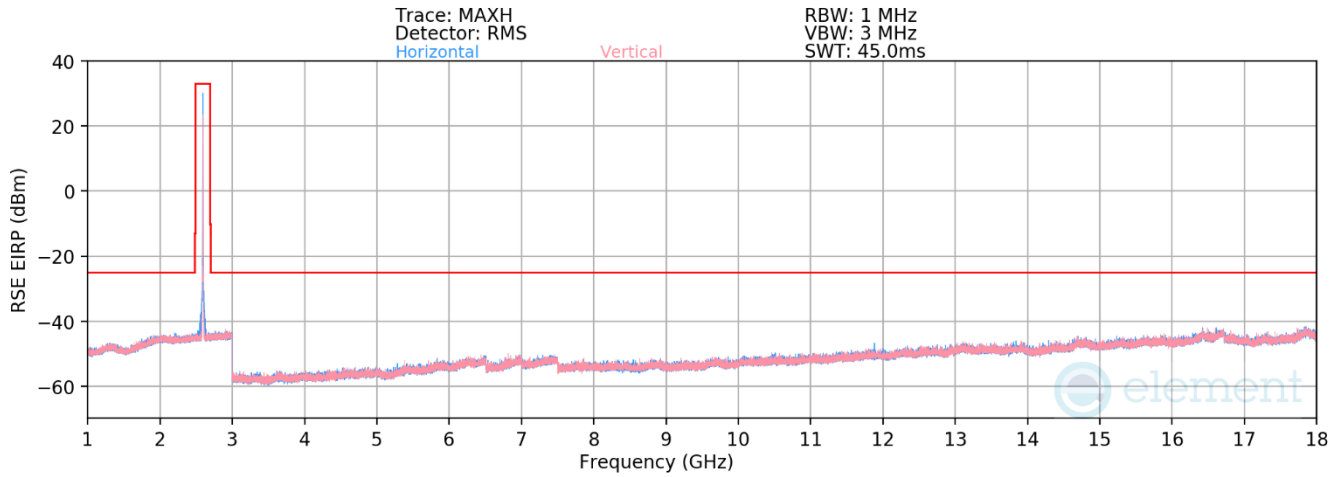
Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

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]
5120.00	V	-	-	-78.99	4.97	32.98	-61.97	-25.00	-36.97
7680.00	V	-	-	-80.84	9.11	35.27	-59.89	-25.00	-34.89
10240.00	V	-	-	-80.78	10.69	36.91	-58.24	-25.00	-33.24

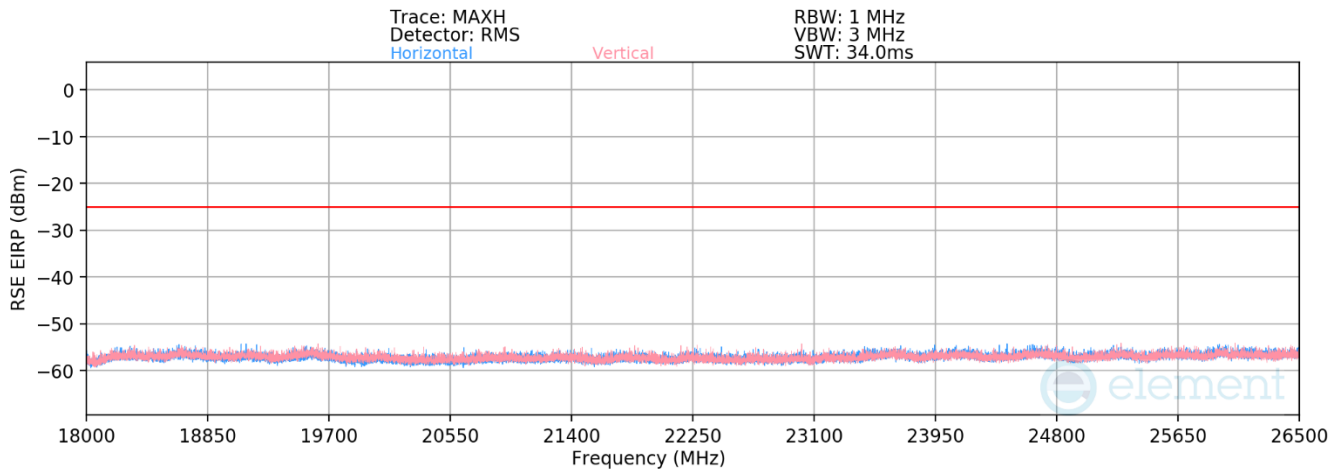
Table 7-76. Antenna 1 Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 533 of 569


LTE Band 41



Plot 7-908. Antenna 1 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-909. Antenna 1 Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 534 of 569

V2.2 09/07/2023

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
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]
5012.0	V	-	-	-77.14	4.53	34.39	-60.87	-25.00	-35.87
7518.0	V	-	-	-79.69	8.47	35.78	-59.48	-25.00	-34.48
10024.0	V	-	-	-80.36	10.57	37.21	-58.05	-25.00	-33.05

Table 7-77. Antenna 1 Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.0	V	-	-	-77.79	4.70	33.92	-61.34	-25.00	-36.34
7779.0	V	-	-	-80.07	9.45	36.38	-58.88	-25.00	-33.88
10372.0	V	-	-	-79.89	10.49	37.60	-57.66	-25.00	-32.66

Table 7-78. Antenna 1 Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
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]
5360.0	V	-	-	-78.42	5.80	34.38	-60.88	-25.00	-35.88
8040.0	V	-	-	-79.84	9.30	36.46	-58.79	-25.00	-33.79
10720.0	V	-	-	-80.05	11.06	38.01	-57.25	-25.00	-32.25

Table 7-79. Antenna 1 Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 535 of 569

NR Band n30

Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 12

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]
4615.0	V	-	-	-77.83	2.54	31.71	-63.55	-40.00	-23.55
6922.5	V	-	-	-78.82	4.33	32.50	-62.75	-40.00	-22.75
9230.0	V	-	-	-78.13	4.21	33.08	-62.18	-40.00	-22.18

Table 7-80. Antenna 1 Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	-	-	-77.45	2.54	32.09	-63.16	-40.00	-23.16
6930.0	V	-	-	-78.95	4.33	32.38	-62.87	-40.00	-22.87
9240.0	V	-	-	-78.05	4.26	33.21	-62.05	-40.00	-22.05

Table 7-81. Antenna 1 Radiated Spurious Data (NR Band n30 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	-	-	-77.76	2.47	31.71	-63.55	-40.00	-23.55
6937.5	V	-	-	-78.73	4.26	32.53	-62.73	-40.00	-22.73
9250.0	V	-	-	-78.31	4.26	32.94	-62.31	-40.00	-22.31

Table 7-82. Antenna 1 Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 536 of 569

NR Band n7

Bandwidth (MHz):	40
Frequency (MHz):	2520.0
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]
5040.0	V	-	-	-78.10	2.48	31.39	-63.87	-25.00	-38.87
7560.0	V	-	-	-79.12	4.46	32.34	-62.91	-25.00	-37.91
10080.0	V	-	-	-78.35	5.39	34.04	-61.22	-25.00	-36.22

Table 7-83. Antenna 1 Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2535.0
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]
5070.0	V	-	-	-78.25	2.91	31.66	-63.59	-25.00	-38.59
7605.0	V	-	-	-79.16	4.42	32.26	-63.00	-25.00	-38.00
10140.0	V	-	-	-78.20	5.87	34.66	-60.59	-25.00	-35.59

Table 7-84. Antenna 1 Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2550.0
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]
5100.0	V	-	-	-78.24	3.32	32.08	-63.18	-25.00	-38.18
7650.0	V	-	-	-78.76	4.23	32.47	-62.79	-25.00	-37.79
10200.0	V	-	-	-78.78	6.18	34.40	-60.86	-25.00	-35.86

Table 7-85. Antenna 1 Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 537 of 569

NR Band n41

Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

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]
5092.0	V	-	-	-77.11	5.08	34.98	-60.28	-25.00	-35.28
7638.0	V	-	-	-79.05	9.24	37.19	-58.07	-25.00	-33.07
10184.0	V	-	-	-79.24	10.35	38.10	-57.15	-25.00	-32.15

Table 7-86. Antenna 1 Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136


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]
5186.0	V	-	-	-77.13	4.88	34.74	-60.52	-25.00	-35.52
7779.0	V	-	-	-79.33	9.58	37.25	-58.01	-25.00	-33.01
10372.0	V	-	-	-79.17	9.96	37.79	-57.47	-25.00	-32.47

Table 7-87. Antenna 1 Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2640.0
RB / Offset:	1 / 136

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]
5280.0	V	-	-	-76.88	4.88	35.00	-60.26	-25.00	-35.26
7920.0	V	-	-	-79.25	9.39	37.14	-58.12	-25.00	-33.12
10560.0	V	-	-	-79.11	10.23	38.13	-57.13	-25.00	-32.13

Table 7-88. Antenna 1 Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 538 of 569

ULCA - LTE B7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

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]
5020.0	V	-	-	-79.75	5.56	32.81	-62.44	-25.00	-37.44
7530.0	V	-	-	-80.31	8.56	35.25	-60.01	-25.00	-35.01
10040.0	V	-	-	-80.31	10.69	37.38	-57.87	-25.00	-32.87

Table 7-89. Antenna 1 Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2535.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2554.8
SCC RB / Offset:	1 / 0


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]
5070.0	V	-	-	-79.63	5.57	32.94	-62.32	-25.00	-37.32
7605.0	V	-	-	-80.66	8.47	34.80	-60.46	-25.00	-35.46
10140.0	V	-	-	-80.52	10.68	37.16	-58.10	-25.00	-33.10

Table 7-90. Antenna 1 Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

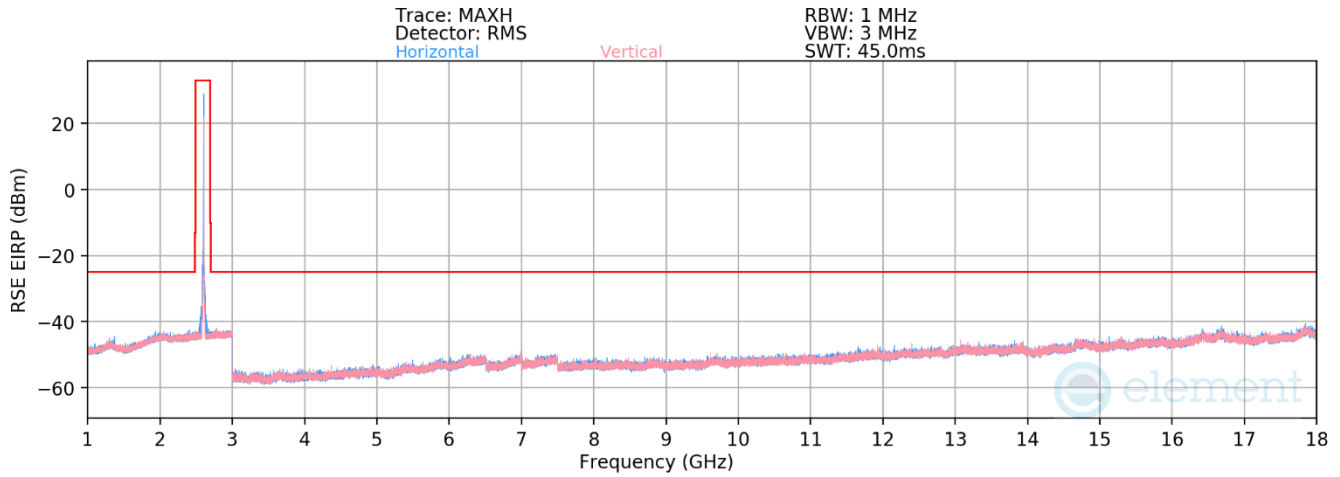
PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2560.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2540.2
SCC RB / Offset:	1 / 99

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]
5120.0	V	-	-	-79.66	5.57	32.92	-62.34	-25.00	-37.34
7680.0	V	-	-	-80.54	8.47	34.94	-60.32	-25.00	-35.32
10240.0	V	-	-	-80.08	10.62	37.54	-57.72	-25.00	-32.72

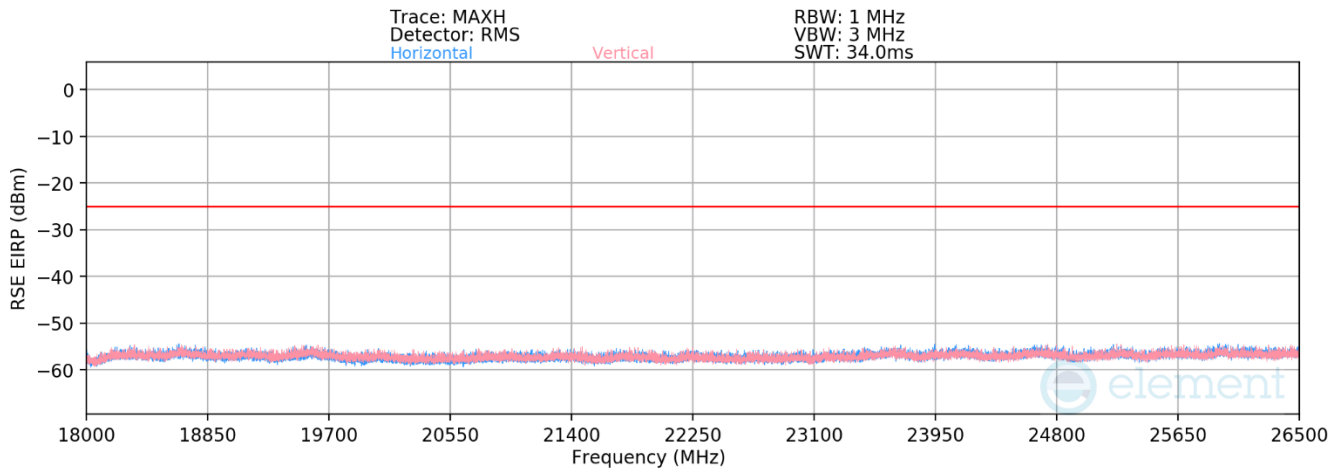
Table 7-91. Antenna 1 Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 539 of 569

ULCA - LTE B41



Plot 7-910. Antenna 1 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-911. Antenna 1 Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

FCC ID: BCGA2837	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 540 of 569

V2.2 09/07/2023

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.0	V	-	-	-77.31	4.51	34.20	-61.06	-25.00	-36.06
7518.0	V	-	-	-78.97	8.43	36.46	-58.80	-25.00	-33.80
10024.0	V	-	-	-79.76	10.72	37.96	-57.30	-25.00	-32.30

Table 7-92. Antenna 1 Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0


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]
5186.0	V	-	-	-77.41	4.62	34.22	-61.04	-25.00	-36.04
7779.0	V	-	-	-80.13	9.39	36.26	-59.00	-25.00	-34.00
10372.0	V	-	-	-79.73	10.92	38.19	-57.07	-25.00	-32.07

Table 7-93. Antenna 1 Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.0	V	-	-	-77.51	5.28	34.77	-60.49	-25.00	-35.49
8040.0	V	-	-	-79.72	9.24	36.52	-58.74	-25.00	-33.74
10720.0	V	-	-	-79.92	10.89	37.96	-57.29	-25.00	-32.29

Table 7-94. Antenna 1 Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 541 of 569

7.7.3 Antenna 2b Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	-	-	-78.46	4.38	32.92	-62.34	-40.00	-22.34
6937.5	V	-	-	-79.21	8.69	36.48	-58.78	-40.00	-18.78
9250.0	V	-	-	-81.07	9.70	35.64	-59.62	-40.00	-19.62

Table 7-95. Antenna 2b Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	284	193	-75.99	4.36	35.37	-59.89	-40.00	-19.89
6930.0	V	-	-	-79.31	8.84	36.54	-58.72	-40.00	-18.72
9240.0	V	-	-	-81.13	9.70	35.58	-59.68	-40.00	-19.68
11550.0	V	-	-	-81.01	11.96	37.95	-57.30	-40.00	-17.30

Table 7-96. Antenna 2b Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.00	V	-	-	-78.40	4.36	32.96	-62.29	-40.00	-22.29
6937.50	V	-	-	-79.26	8.84	36.58	-58.68	-40.00	-18.68
9250.00	V	-	-	-81.17	9.79	35.63	-59.63	-40.00	-19.63

Table 7-97. Antenna 2b Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 542 of 569

LTE Band 7

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]
5020.0	V	-	-	-78.66	4.53	32.87	-61.29	-25.00	-36.29
7530.0	V	-	-	-80.38	8.50	35.12	-59.91	-25.00	-34.91
10040.0	V	-	-	-80.90	10.65	36.75	-58.44	-25.00	-33.44

Table 7-98. Antenna 2b Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
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]
5070.0	V	-	-	-78.62	4.82	33.20	-61.48	-25.00	-36.48
7605.0	V	-	-	-80.53	8.74	35.22	-59.79	-25.00	-34.79
10140.0	V	-	-	-80.99	10.70	36.70	-58.14	-25.00	-33.14

Table 7-99. Antenna 2b Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2560.0
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]
5120.00	V	-	-	-78.88	4.97	33.09	-61.70	-25.00	-36.70
7680.00	V	-	-	-80.82	9.11	35.29	-59.02	-25.00	-34.02
10240.00	V	-	-	-80.84	10.82	36.98	-58.36	-25.00	-33.36

Table 7-100. Antenna 2b Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 543 of 569

LTE Band 41

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
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]
5012.0	V	-	-	-77.45	4.37	33.93	-61.33	-25.00	-36.33
7518.0	V	-	-	-79.73	8.44	35.71	-59.54	-25.00	-34.54
10024.0	V	-	-	-80.30	10.57	37.28	-57.98	-25.00	-32.98

Table 7-101. Antenna 2b Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.0	V	-	-	-77.71	4.70	33.99	-61.27	-25.00	-36.27
7779.0	V	-	-	-79.66	9.45	36.79	-58.47	-25.00	-33.47
10372.0	V	-	-	-79.76	10.49	37.72	-57.54	-25.00	-32.54

Table 7-102. Antenna 2b Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
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]
5360.0	V	-	-	-77.93	5.38	34.45	-60.81	-25.00	-35.81
8040.0	V	-	-	-79.70	9.21	36.51	-58.75	-25.00	-33.75
10720.0	V	-	-	-80.09	11.00	37.91	-57.35	-25.00	-32.35

Table 7-103. Antenna 2b Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 544 of 569

NR Band n30

Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 12

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]
4615.0	V	-	-	-77.90	6.91	36.01	-59.25	-40.00	-19.25
6922.5	V	-	-	-78.80	10.36	38.56	-56.70	-40.00	-16.70
9230.0	V	-	-	-78.20	10.87	39.67	-55.59	-40.00	-15.59

Table 7-104. Antenna 2b Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	-	-	-77.67	6.91	36.24	-59.01	-40.00	-19.01
6930.0	V	-	-	-78.81	10.21	38.40	-56.86	-40.00	-16.86
9240.0	V	-	-	-78.16	10.87	39.71	-55.54	-40.00	-15.54

Table 7-105. Antenna 2b Radiated Spurious Data (NR Band n30 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	-	-	-77.73	6.81	36.08	-59.18	-40.00	-19.18
6937.5	V	-	-	-79.01	10.21	38.20	-57.06	-40.00	-17.06
9250.0	V	-	-	-78.31	10.90	39.59	-55.67	-40.00	-15.67

Table 7-106. Antenna 2b Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 545 of 569

V2.2 09/07/2023

NR Band n7

Bandwidth (MHz):	40
Frequency (MHz):	2520.0
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]
5040.0	V	-	-	-78.32	6.83	35.50	-59.75	-25.00	-34.75
7560.0	V	-	-	-78.85	10.21	38.36	-56.90	-25.00	-31.90
10080.0	V	-	-	-78.09	11.84	40.75	-54.51	-25.00	-29.51

Table 7-107. Antenna 2b Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2535.0
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]
5070.0	V	-	-	-78.30	6.94	35.64	-59.62	-25.00	-34.62
7605.0	V	-	-	-78.98	10.40	38.42	-56.83	-25.00	-31.83
10140.0	V	-	-	-78.25	12.06	40.81	-54.45	-25.00	-29.45

Table 7-108. Antenna 2b Radiated Spurious Data (NR Band n7 – Mid Channel)

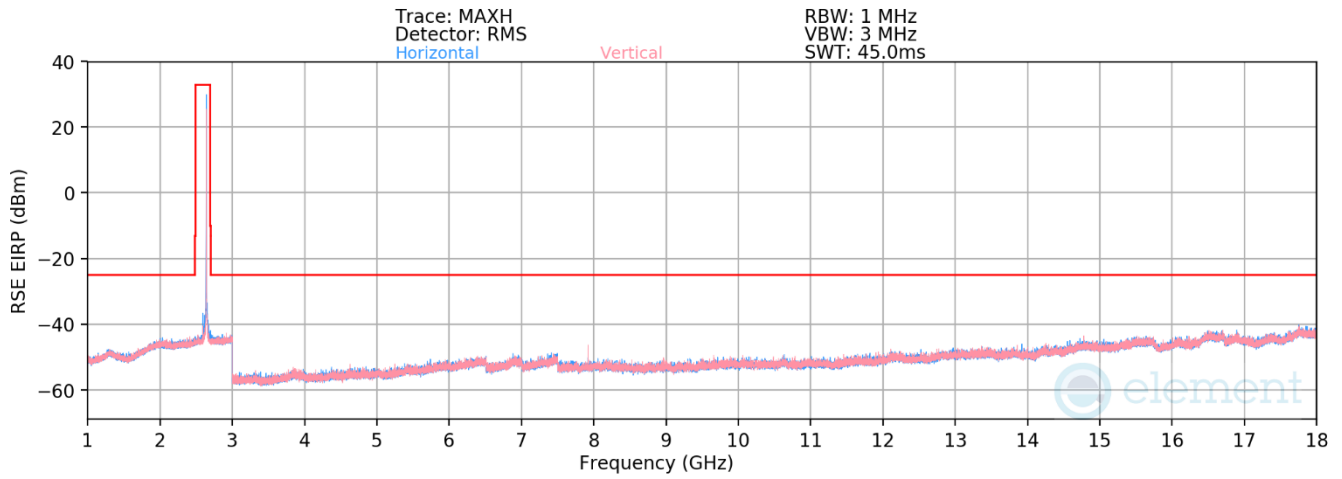
Bandwidth (MHz):	40
Frequency (MHz):	2550.0
RB / Offset:	1 / 108

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]
5100.0	V	-	-	-78.07	7.19	36.12	-59.14	-25.00	-34.14
7650.0	V	-	-	-78.33	10.51	39.19	-56.07	-25.00	-31.07
10200.0	V	-	-	-78.59	11.93	40.33	-54.92	-25.00	-29.92

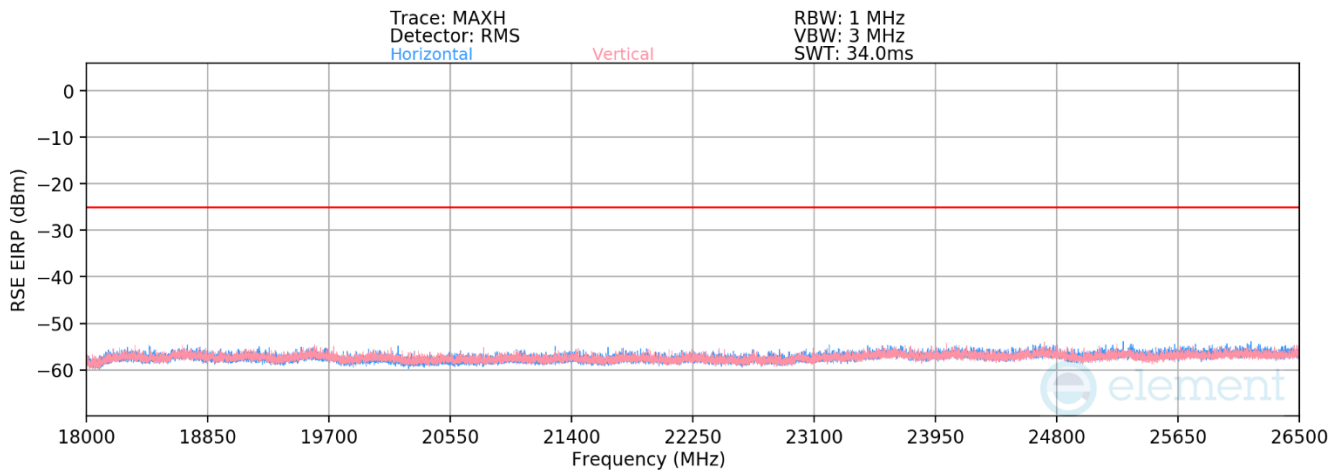
Table 7-109. Antenna 2b Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 546 of 569


NR Band n41



Plot 7-912. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-913. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 547 of 569

V2.2 09/07/2023

Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

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]
5092.0	V	-	-	-77.51	5.11	34.60	-60.65	-25.00	-35.65
7638.0	V	-	-	-79.05	9.24	37.19	-58.07	-25.00	-33.07
10184.0	V	-	-	-79.30	10.35	38.04	-57.22	-25.00	-32.22

Table 7-110. Antenna 2b Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136


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]
5186.0	V	-	-	-76.91	4.88	34.97	-60.29	-25.00	-35.29
7779.0	V	-	-	-79.28	9.58	37.29	-57.96	-25.00	-32.96
10372.0	V	-	-	-79.41	10.08	37.67	-57.59	-25.00	-32.59

Table 7-111. Antenna 2b Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2640.0
RB / Offset:	1 / 136

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]
5280.0	V	-	-	-76.88	4.88	35.00	-60.26	-25.00	-35.26
7920.0	V	263	169	-72.44	9.39	43.95	-51.31	-25.00	-26.31
10560.0	V	-	-	-79.33	10.23	37.90	-57.36	-25.00	-32.36
13200.0	V	-	-	-79.58	12.85	40.27	-54.98	-25.00	-29.98
15840.0	V	-	-	-79.95	14.82	41.87	-53.39	-25.00	-28.39

Table 7-112. Antenna 2b Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 548 of 569

ULCA - LTE B7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

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]
5020.0	V	-	-	-79.28	4.91	32.64	-62.62	-25.00	-37.62
7530.0	V	-	-	-80.31	8.56	35.25	-60.01	-25.00	-35.01
10040.0	V	-	-	-80.39	10.65	37.26	-58.00	-25.00	-33.00

Table 7-113. Antenna 2b Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2535.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2554.8
SCC RB / Offset:	1 / 0


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]
5070.0	V	-	-	-79.62	5.57	32.95	-62.31	-25.00	-37.31
7605.0	V	-	-	-80.81	8.47	34.66	-60.60	-25.00	-35.60
10140.0	V	-	-	-80.40	10.77	37.36	-57.89	-25.00	-32.89

Table 7-114. Antenna 2b Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2560.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2540.2
SCC RB / Offset:	1 / 99

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]
5120.0	V	-	-	-79.59	5.57	32.99	-62.27	-25.00	-37.27
7680.0	V	-	-	-80.69	8.47	34.78	-60.48	-25.00	-35.48
10240.0	V	-	-	-80.29	10.50	37.21	-58.04	-25.00	-33.04

Table 7-115. Antenna 2b Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 549 of 569

ULCA - LTE B41

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.0	V	-	-	-78.35	4.91	33.57	-61.69	-25.00	-36.69
7518.0	V	-	-	-79.64	8.66	36.02	-59.24	-25.00	-34.24
10024.0	V	-	-	-79.92	10.61	37.69	-57.57	-25.00	-32.57

Table 7-116. Antenna 2b Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0


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]
5186.0	V	-	-	-78.20	5.32	34.13	-61.13	-25.00	-36.13
7779.0	V	-	-	-80.03	8.45	35.42	-59.84	-25.00	-34.84
10372.0	V	-	-	-79.77	11.31	38.54	-56.72	-25.00	-31.72

Table 7-117. Antenna 2b Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.0	V	-	-	-78.82	6.05	34.23	-61.03	-25.00	-36.03
8040.0	V	-	-	-79.74	8.78	36.04	-59.22	-25.00	-34.22
10720.0	V	-	-	-80.55	11.33	37.78	-57.48	-25.00	-32.48

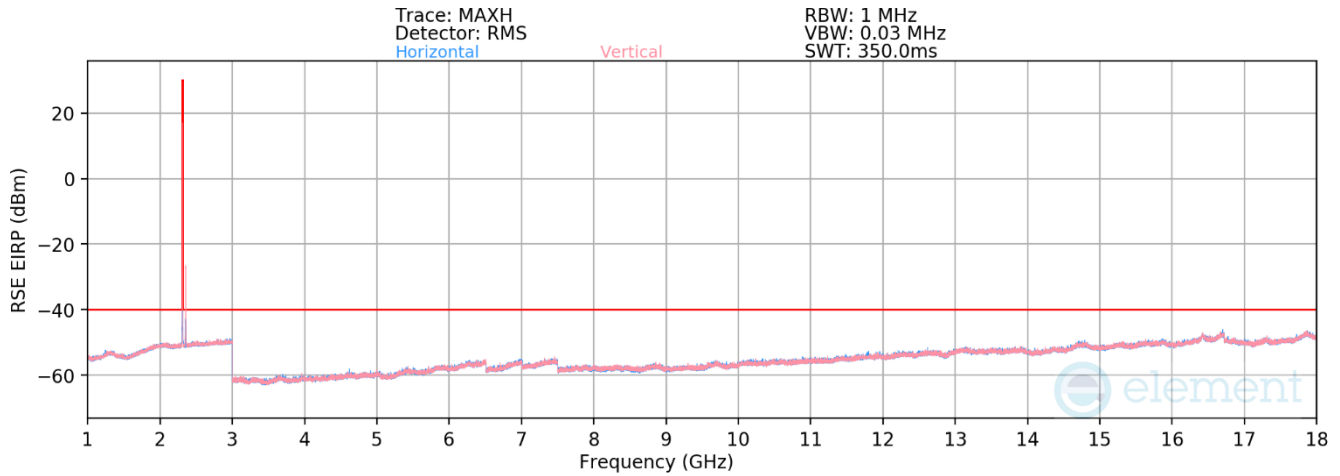
Table 7-118. Antenna 2b Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 550 of 569

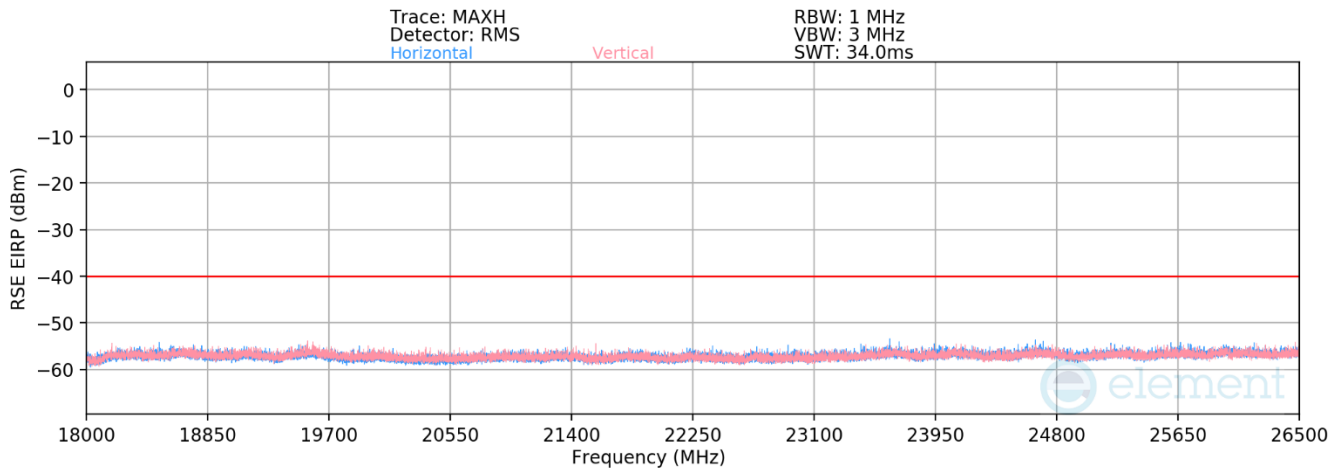
V2.2 09/07/2023

7.7.4 Antenna 3 Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-914. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-915. Antenna 3 Radiated Spurious Emission above 18GHz (LTE Band 30)

FCC ID: BCGA2837	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 551 of 569

V2.2 09/07/2023

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	236	181	-75.94	4.36	35.42	-59.84	-40.00	-19.84
6937.5	V	-	-	-79.02	8.69	36.67	-58.59	-40.00	-18.59
9250.0	V	-	-	-81.14	9.70	35.57	-59.69	-40.00	-19.69
11562.5	V	-	-	-81.10	12.00	37.90	-57.35	-40.00	-17.35

Table 7-119. Antenna 3 Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	304	184	-75.45	4.36	35.91	-59.35	-40.00	-19.35
6930.0	V	-	-	-79.11	8.84	36.73	-58.53	-40.00	-18.53
9240.0	V	-	-	-81.01	9.61	35.59	-59.66	-40.00	-19.66
11550.0	V	-	-	-81.06	11.93	37.87	-57.39	-40.00	-17.39

Table 7-120. Antenna 3 Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.00	V	-	-	-78.46	4.36	32.90	-62.36	-40.00	-22.36
6937.50	V	-	-	-79.32	8.84	36.52	-58.74	-40.00	-18.74
9250.00	V	-	-	-81.16	9.79	35.63	-59.62	-40.00	-19.62

Table 7-121. Antenna 3 Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 552 of 569

LTE Band 7

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-78.69	4.53	32.84	-61.83	-25.00	-36.83
7530.0	V	-	-	-80.48	8.50	35.02	-59.75	-25.00	-34.75
10040.0	V	-	-	-81.11	10.65	36.55	-58.93	-25.00	-33.93

Table 7-122. Antenna 3 Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-78.59	4.82	33.24	-61.96	-25.00	-36.96
7605.0	V	-	-	-80.69	8.79	35.10	-59.57	-25.00	-34.57
10140.0	V	-	-	-80.93	10.70	36.76	-58.53	-25.00	-33.53

Table 7-123. Antenna 3 Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-78.84	4.97	33.13	-61.58	-25.00	-36.58
7680.00	V	-	-	-80.86	9.11	35.25	-59.52	-25.00	-34.52
10240.00	V	-	-	-80.75	10.69	36.95	-58.05	-25.00	-33.05

Table 7-124. Antenna 3 Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 553 of 569

LTE Band 41

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
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]
5012.0	V	-	-	-77.33	4.37	34.05	-61.21	-25.00	-36.21
7518.0	V	-	-	-79.80	8.47	35.67	-59.59	-25.00	-34.59
10024.0	V	-	-	-80.05	10.43	37.38	-57.88	-25.00	-32.88

Table 7-125. Antenna 3 Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.0	V	-	-	-77.79	4.70	33.91	-61.35	-25.00	-36.35
7779.0	V	-	-	-79.93	9.45	36.52	-58.74	-25.00	-33.74
10372.0	V	-	-	-79.54	10.49	37.95	-57.31	-25.00	-32.31

Table 7-126. Antenna 3 Radiated Spurious Data (LTE Band 41 – Mid Channel)

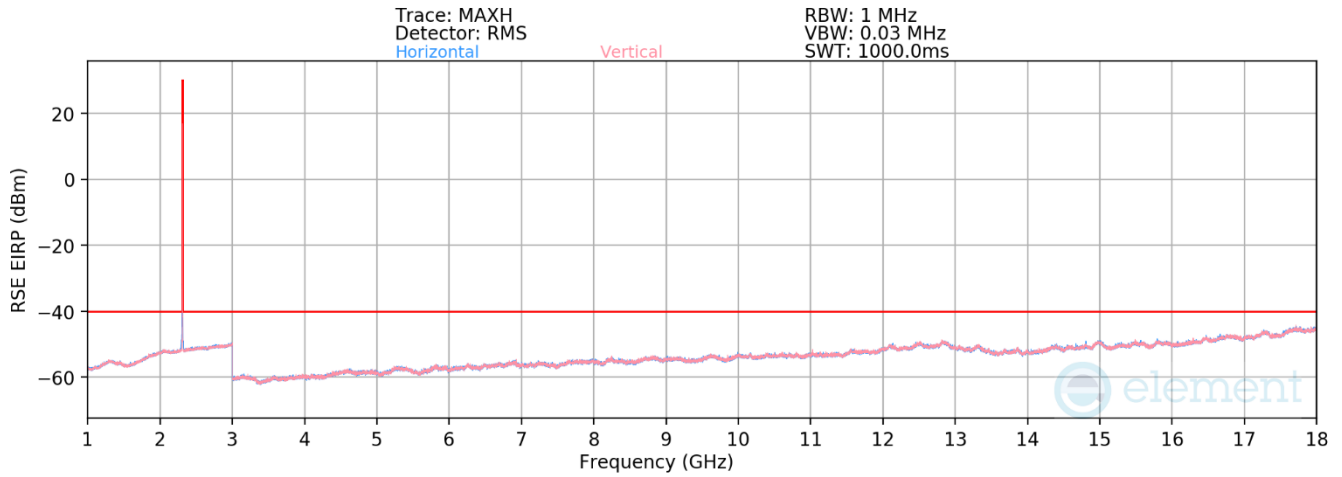
Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

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]
5360.0	V	-	-	-77.92	5.38	34.46	-60.80	-25.00	-35.80
8040.0	V	-	-	-80.04	9.30	36.26	-58.99	-25.00	-33.99
10720.0	V	-	-	-79.92	11.00	38.07	-57.18	-25.00	-32.18

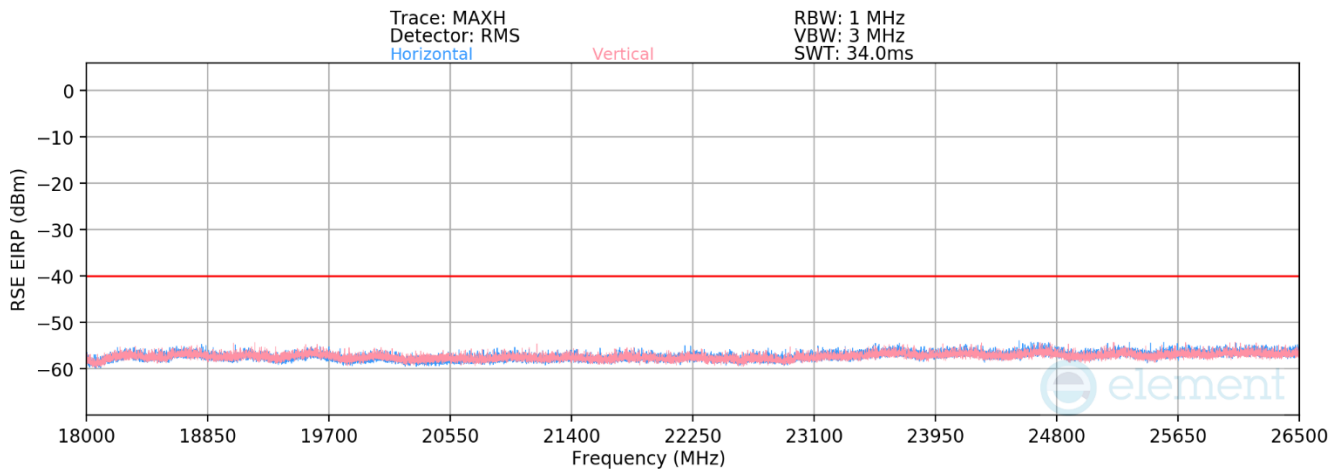
Table 7-127. Antenna 3 Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 554 of 569

NR Band n30



Plot 7-916. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-917. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA2837	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 555 of 569

V2.2 09/07/2023

Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 12

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]
4615.0	V	-	-	-77.78	6.91	36.13	-59.13	-40.00	-19.13
6922.5	V	-	-	-78.54	10.36	38.82	-56.44	-40.00	-16.44
9230.0	V	-	-	-78.18	10.77	39.59	-55.67	-40.00	-15.67

Table 7-128. Antenna 3 Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25


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]
4620.0	V	-	-	-77.65	6.91	36.26	-59.00	-40.00	-19.00
6930.0	V	264	52	-75.93	10.21	41.28	-53.98	-40.00	-13.98
9240.0	V	-	-	-77.85	10.77	39.92	-55.34	-40.00	-15.34
11550.0	V	-	-	-79.06	14.36	42.31	-52.95	-40.00	-12.95
13860.0	V	-	-	-79.98	16.12	43.13	-52.13	-40.00	-12.13

Table 7-129. Antenna 3 Radiated Spurious Data (NR Band n30 – Mid Channel)

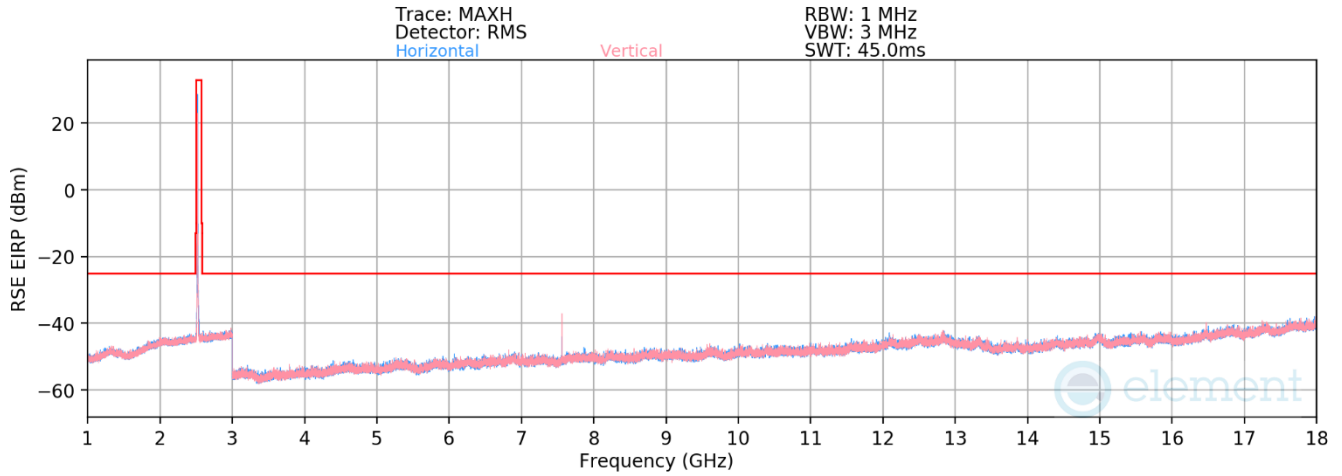
Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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]
4625.0	V	-	-	-77.69	6.81	36.12	-59.14	-40.00	-19.14
6937.5	V	319	49	-78.90	10.21	38.31	-56.94	-40.00	-16.94
9250.0	V	-	-	-78.01	10.90	39.89	-55.37	-40.00	-15.37
11562.5	V	-	-	-78.96	14.36	42.40	-52.86	-40.00	-12.86
13875.0	V	-	-	-80.86	16.74	42.88	-52.38	-40.00	-12.38

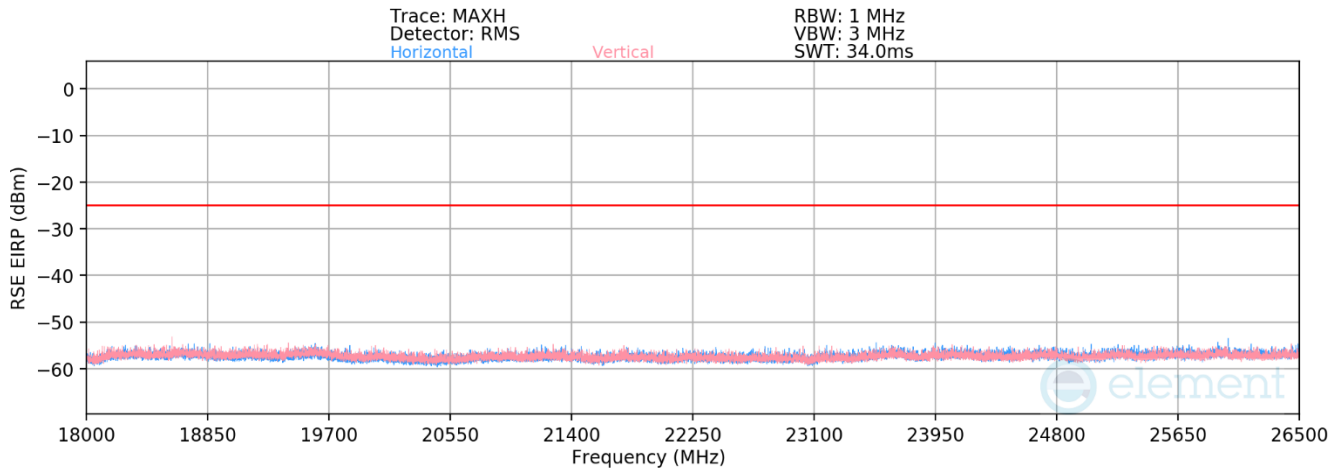
Table 7-130. Antenna 3 Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 556 of 569


NR Band n7



Plot 7-918. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-919. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n7)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 557 of 569

V2.2 09/07/2023

Bandwidth (MHz):	40
Frequency (MHz):	2520.0
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]
5040.0	V	-	-	-78.25	6.83	35.57	-59.68	-25.00	-34.68
7560.0	V	188	356	-78.95	10.26	38.31	-56.95	-25.00	-31.95
10080.0	V	-	-	-78.28	11.84	40.55	-54.71	-25.00	-29.71
12600.0	V	-	-	-79.81	16.09	43.27	-51.98	-25.00	-26.98
15120.0	V	-	-	-80.65	17.48	43.83	-51.43	-25.00	-26.43

Table 7-131. Antenna 3 Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2535.0
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]
5070.0	V	-	-	-78.34	6.83	35.49	-59.77	-25.00	-34.77
7605.0	V	-	-	-78.92	10.40	38.47	-56.78	-25.00	-31.78
10140.0	V	-	-	-78.24	12.06	40.83	-54.43	-25.00	-29.43

Table 7-132. Antenna 3 Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2550.0
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]
5100.0	V	-	-	-78.10	7.19	36.09	-59.17	-25.00	-34.17
7650.0	V	-	-	-78.53	10.61	39.08	-56.17	-25.00	-31.17
10200.0	V	-	-	-78.62	11.93	40.31	-54.94	-25.00	-29.94

Table 7-133. Antenna 3 Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 558 of 569

NR Band n41

Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

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]
5092.0	V	-	-	-77.39	5.08	34.70	-60.56	-25.00	-35.56
7638.0	V	-	-	-78.85	9.24	37.39	-57.86	-25.00	-32.86
10184.0	V	-	-	-79.20	10.35	38.15	-57.11	-25.00	-32.11

Table 7-134. Antenna 3 Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136


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]
5186.0	V	-	-	-77.08	4.88	34.80	-60.46	-25.00	-35.46
7779.0	V	-	-	-79.38	9.58	37.20	-58.06	-25.00	-33.06
10372.0	V	-	-	-79.38	10.08	37.70	-57.56	-25.00	-32.56

Table 7-135. Antenna 3 Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2640.0
RB / Offset:	1 / 136

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]
5280.0	V	-	-	-76.90	4.85	34.95	-60.31	-25.00	-35.31
7920.0	V	-	-	-79.31	9.39	37.08	-58.18	-25.00	-33.18
10560.0	V	-	-	-78.95	10.23	38.28	-56.98	-25.00	-31.98

Table 7-136. Antenna 3 Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 559 of 569

V2.2 09/07/2023

ULCA - LTE B7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

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]
5020.0	V	-	-	-79.19	4.91	32.72	-62.54	-25.00	-37.54
7530.0	V	-	-	-80.26	8.56	35.31	-59.95	-25.00	-34.95
10040.0	V	-	-	-80.20	10.61	37.41	-57.85	-25.00	-32.85

Table 7-137. Antenna 3 Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2535.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2554.8
SCC RB / Offset:	1 / 0


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]
5070.0	V	-	-	-79.71	5.57	32.86	-62.40	-25.00	-37.40
7605.0	V	-	-	-80.84	8.47	34.62	-60.63	-25.00	-35.63
10140.0	V	-	-	-80.45	10.62	37.17	-58.09	-25.00	-33.09

Table 7-138. Antenna 3 Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2560.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2540.2
SCC RB / Offset:	1 / 99

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]
5120.0	V	-	-	-79.46	5.33	32.87	-62.39	-25.00	-37.39
7680.0	V	-	-	-80.69	8.46	34.77	-60.49	-25.00	-35.49
10240.0	V	-	-	-80.39	10.68	37.30	-57.96	-25.00	-32.96

Table 7-139. Antenna 3 Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 560 of 569

ULCA - LTE B41

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.0	V	-	-	-78.38	4.87	33.48	-61.78	-25.00	-36.78
7518.0	V	-	-	-79.68	8.56	35.88	-59.38	-25.00	-34.38
10024.0	V	-	-	-79.72	10.43	37.70	-57.56	-25.00	-32.56

Table 7-140. Antenna 3 Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0


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]
5186.0	V	-	-	-78.28	5.32	34.04	-61.21	-25.00	-36.21
7779.0	V	-	-	-80.01	8.45	35.44	-59.82	-25.00	-34.82
10372.0	V	-	-	-80.35	11.86	38.51	-56.75	-25.00	-31.75

Table 7-141. Antenna 3 Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.0	V	-	-	-78.71	6.05	34.34	-60.92	-25.00	-35.92
8040.0	V	-	-	-79.71	8.78	36.07	-59.19	-25.00	-34.19
10720.0	V	-	-	-80.44	11.33	37.88	-57.37	-25.00	-32.37

Table 7-142. Antenna 3 Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 561 of 569

7.8 Frequency Stability / Temperature Variation

\$2.1055, \$27.54

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 27, 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

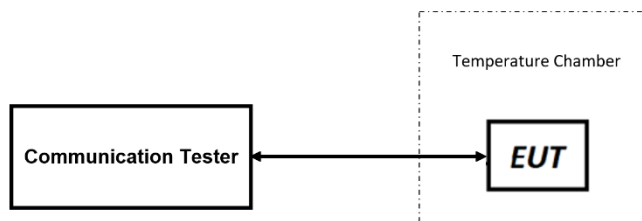



Figure 7-8. Test Instrument & Measurement Setup

Test Notes

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

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 562 of 569

V2.2 09/07/2023


Frequency Stability / Temperature Variation

LTE Band 30				
		Operating Band Lower Boundary (GHz)		2.305
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3055754	-0.0005754
		- 20	2.3055776	-0.0005776
		- 10	2.3055753	-0.0005753
		0	2.3055790	-0.0005790
		+ 10	2.3055762	-0.0005762
		+ 20 (Ref)	2.3055713	-0.0005713
		+ 30	2.3055773	-0.0005773
		+ 40	2.3055762	-0.0005762
Battery Endpoint	3.40	+ 20	2.3055799	-0.0005799

Table 7-143. Lower Boundary LTE Band 30 Frequency Stability Data

LTE Band 30				
		Operating Band Upper Boundary (GHz)		2.315
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3145366	-0.0004634
		- 20	2.3145385	-0.0004615
		- 10	2.3145340	-0.0004660
		0	2.3145366	-0.0004634
		+ 10	2.3145380	-0.0004620
		+ 20 (Ref)	2.3145367	-0.0004633
		+ 30	2.3145374	-0.0004626
		+ 40	2.3145374	-0.0004626
Battery Endpoint	3.40	+ 20	2.3145336	-0.0004664

Table 7-144. Upper Boundary LTE Band 30 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 563 of 569


Frequency Stability / Temperature Variation

LTE Band 7				
Operating Band Lower Boundary (GHz)		2.500		
Ref. Voltage (VDC):		3.80		
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5005471	-0.0005471
		- 20	2.5005474	-0.0005474
		- 10	2.5005468	-0.0005468
		0	2.5005460	-0.0005460
		+ 10	2.5005463	-0.0005463
		+ 20 (Ref)	2.5005467	-0.0005467
		+ 30	2.5005469	-0.0005469
		+ 40	2.5005479	-0.0005479
		+ 50	2.5005474	-0.0005474
Battery Endpoint	3.40	+ 20	2.5005453	-0.0005453

Table 7-145. Lower Boundary LTE Band 7 Frequency Stability Data

LTE Band 7				
Operating Band Upper Boundary (GHz)		2.570		
Ref. Voltage (VDC):		3.80		
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5696169	-0.0003831
		- 20	2.5696160	-0.0003840
		- 10	2.5696150	-0.0003850
		0	2.5696159	-0.0003841
		+ 10	2.5696185	-0.0003815
		+ 20 (Ref)	2.5696160	-0.0003840
		+ 30	2.5696178	-0.0003822
		+ 40	2.5696153	-0.0003847
		+ 50	2.5696124	-0.0003876
Battery Endpoint	3.40	+ 20	2.5696176	-0.0003824

Table 7-146. Upper Boundary LTE Band 7 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 564 of 569


Frequency Stability / Temperature Variation

LTE Band 41				
Operating Band Lower Boundary (GHz)			2.496	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.4967526	-0.0007526
		- 20	2.4967535	-0.0007535
		- 10	2.4967545	-0.0007545
		0	2.4967569	-0.0007569
		+ 10	2.4967556	-0.0007556
		+ 20 (Ref)	2.4967555	-0.0007555
		+ 30	2.4967555	-0.0007555
		+ 40	2.4967552	-0.0007552
Battery Endpoint	3.40	+ 20	2.4967553	-0.0007553

Table 7-147. Lower Boundary LTE Band 41 Frequency Stability Data

LTE Band 41				
Operating Band Upper Boundary (GHz)			2.690	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.6895769	-0.0004231
		- 20	2.6895753	-0.0004247
		- 10	2.6895775	-0.0004225
		0	2.6895775	-0.0004225
		+ 10	2.6895723	-0.0004277
		+ 20 (Ref)	2.6895775	-0.0004225
		+ 30	2.6895759	-0.0004241
		+ 40	2.6895778	-0.0004222
Battery Endpoint	3.40	+ 20	2.6895757	-0.0004243

Table 7-148. Upper Boundary LTE Band 41 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 565 of 569


Frequency Stability / Temperature Variation

NR Band n30				
Operating Band Lower Boundary (GHz)			2.3050	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3053475	-0.0003475
		- 20	2.3053479	-0.0003479
		- 10	2.3053472	-0.0003472
		0	2.3053427	-0.0003427
		+ 10	2.3053382	-0.0003382
		+ 20 (Ref)	2.3053387	-0.0003387
		+ 30	2.3053372	-0.0003372
		+ 40	2.3053470	-0.0003470
Battery Endpoint	3.40	+ 20	2.3053462	-0.0003462

Table 7-149. Lower Boundary NR Band n30 Frequency Stability Data

NR Band n30				
Operating Band Upper Boundary (GHz)			2.3150	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3146468	-0.0003532
		- 20	2.3146404	-0.0003596
		- 10	2.3146363	-0.0003637
		0	2.3146427	-0.0003573
		+ 10	2.3146374	-0.0003626
		+ 20 (Ref)	2.3146324	-0.0003676
		+ 30	2.3146353	-0.0003647
		+ 40	2.3146462	-0.0003538
Battery Endpoint	3.40	+ 20	2.3146362	-0.0003638

Table 7-150. Upper Boundary NR Band n30 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 566 of 569


Frequency Stability / Temperature Variation

NR Band n7				
Operating Band Lower Boundary (GHz)			2.500	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5007663	-0.0007663
		- 20	2.5007762	-0.0007762
		- 10	2.5007562	-0.0007562
		0	2.5007646	-0.0007646
		+ 10	2.5007626	-0.0007626
		+ 20 (Ref)	2.5007646	-0.0007646
		+ 30	2.5007488	-0.0007488
		+ 40	2.5007458	-0.0007458
Battery Endpoint	3.40	+ 20	2.5007673	-0.0007673

Table 7-151. Lower Boundary NR Band n7 Frequency Stability Data

NR Band n7				
Operating Band Upper Boundary (GHz)			2.570	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5692897	-0.0007103
		- 20	2.5692847	-0.0007153
		- 10	2.5692876	-0.0007124
		0	2.5692866	-0.0007134
		+ 10	2.5692736	-0.0007264
		+ 20 (Ref)	2.5692728	-0.0007272
		+ 30	2.5692585	-0.0007415
		+ 40	2.5692585	-0.0007415
Battery Endpoint	3.40	+ 20	2.5692457	-0.0007543

Table 7-152. Upper Boundary NR Band n7 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 567 of 569


Frequency Stability / Temperature Variation

NR Band n41				
Operating Band Lower Boundary (GHz)			2.496	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.4973648	-0.0013648
		- 20	2.4973477	-0.0013477
		- 10	2.4973278	-0.0013278
		0	2.4973357	-0.0013357
		+ 10	2.4973172	-0.0013172
		+ 20 (Ref)	2.4973267	-0.0013267
		+ 30	2.4973156	-0.0013156
		+ 40	2.4972959	-0.0012959
Battery Endpoint	3.40	+ 20	2.4972912	-0.0012912

Table 7-153. Lower Boundary NR Band n41 Frequency Stability Data


NR Band n41				
Operating Band Upper Boundary (GHz)			2.690	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.6886241	-0.0013759
		- 20	2.6886140	-0.0013860
		- 10	2.6886264	-0.0013736
		0	2.6886163	-0.0013837
		+ 10	2.6886122	-0.0013878
		+ 20 (Ref)	2.6886027	-0.0013973
		+ 30	2.6886099	-0.0013901
		+ 40	2.6886105	-0.0013895
Battery Endpoint	3.40	+ 20	2.6886598	-0.0013402

Table 7-154. Upper Boundary NR Band n41 Frequency Stability Data

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device	Page 568 of 569

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA2837** complies with all the requirements of Part 27 of the FCC rules.

FCC ID: BCGA2837	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270068-10-R1.BCG	Test Dates: 10/1/2023 - 04/03/2024	EUT Type: Tablet Device
		Page 569 of 569

V2.2 09/07/2023