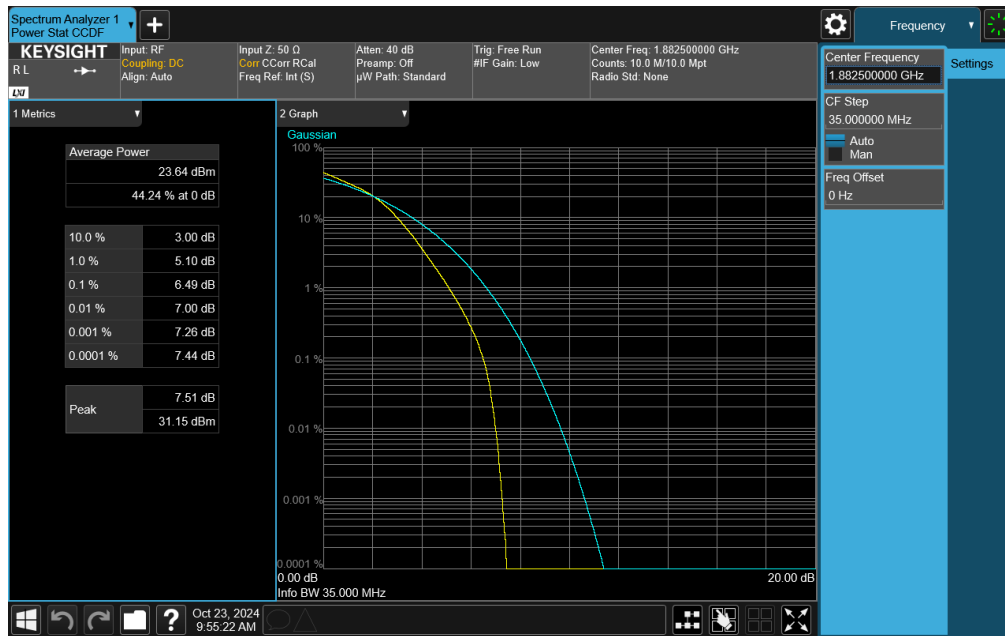
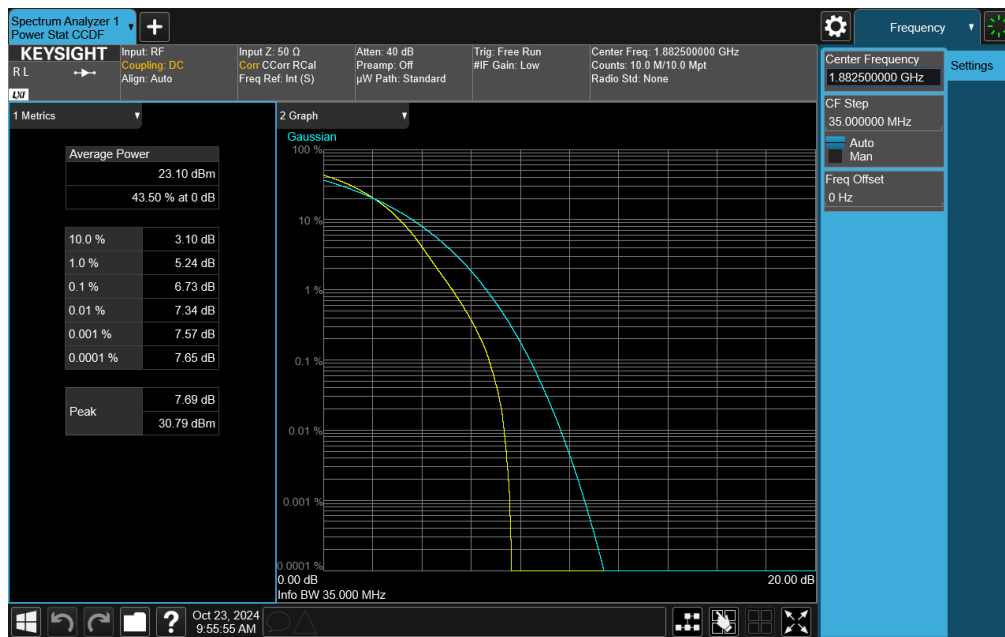




Plot 7-273. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 16-QAM - Full RB)

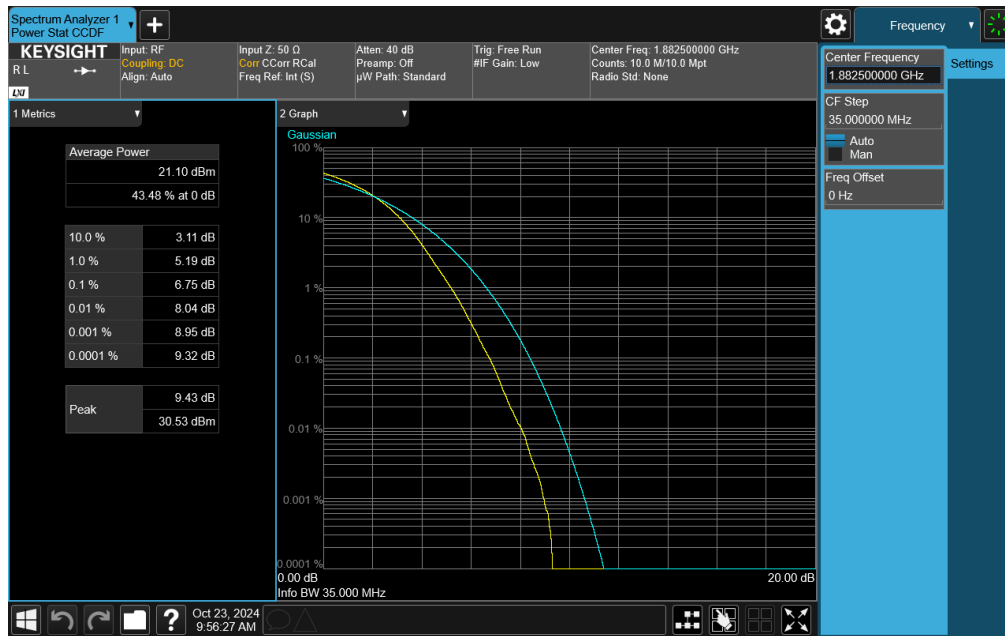


Plot 7-274. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 64-QAM - Full RB)

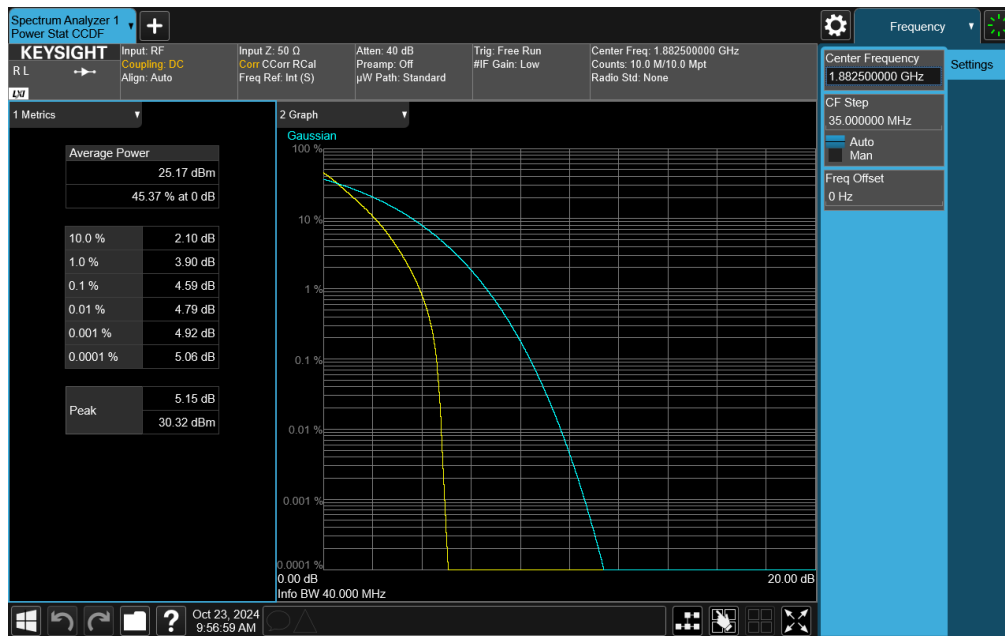
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 160 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-275. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 256-QAM - Full RB)

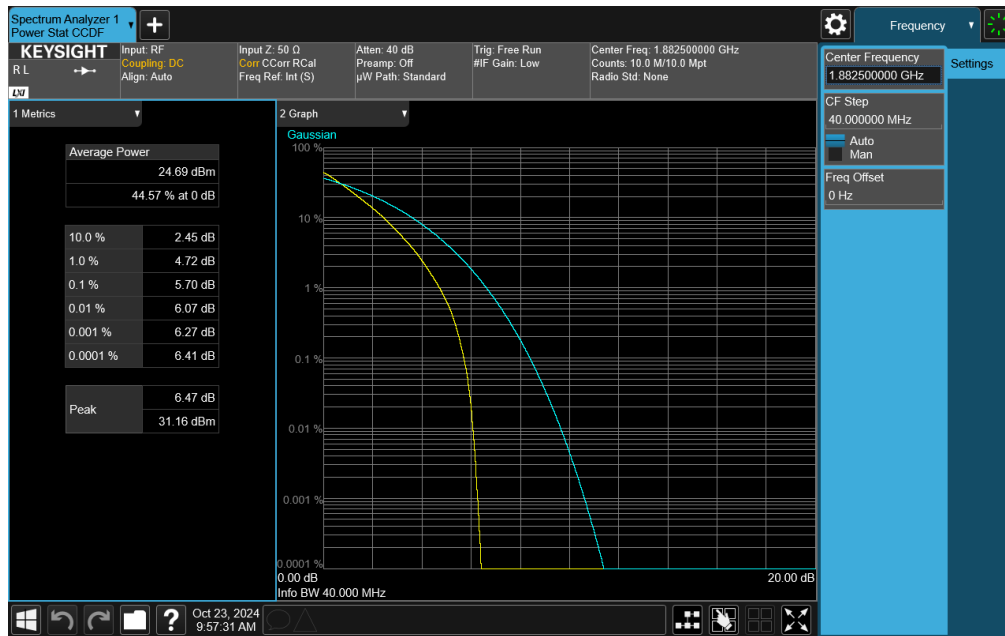


Plot 7-276. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

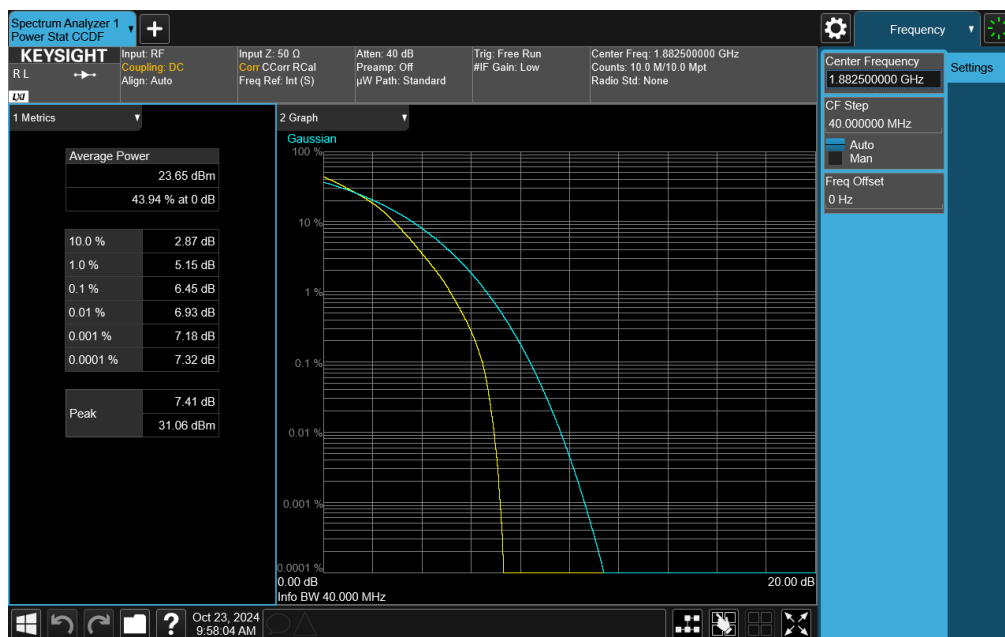
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 161 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-277. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM QPSK - Full RB)

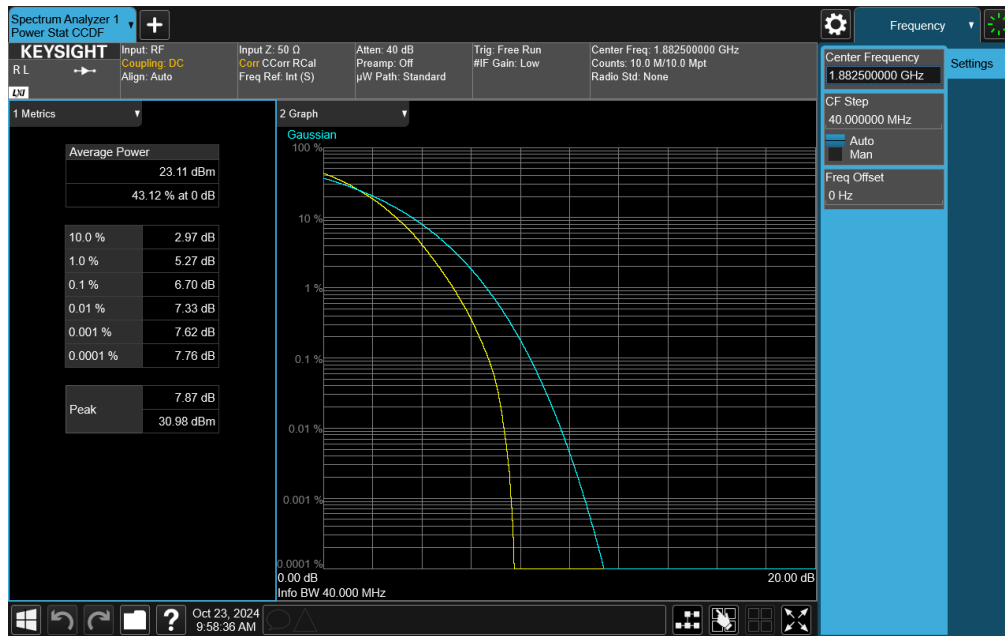


Plot 7-278. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 16-QAM - Full RB)

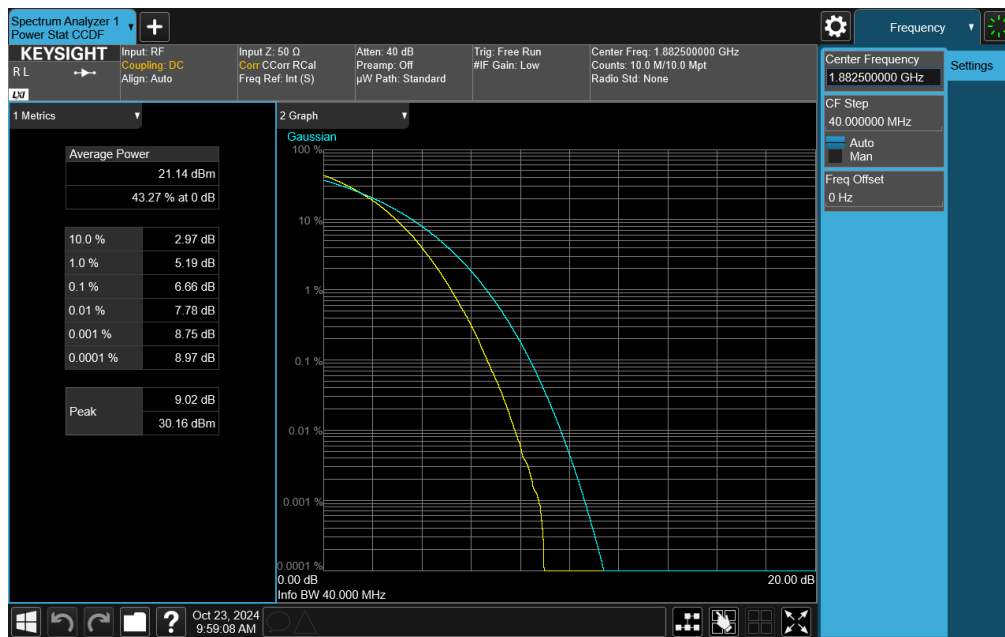
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 162 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-279. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 64-QAM - Full RB)



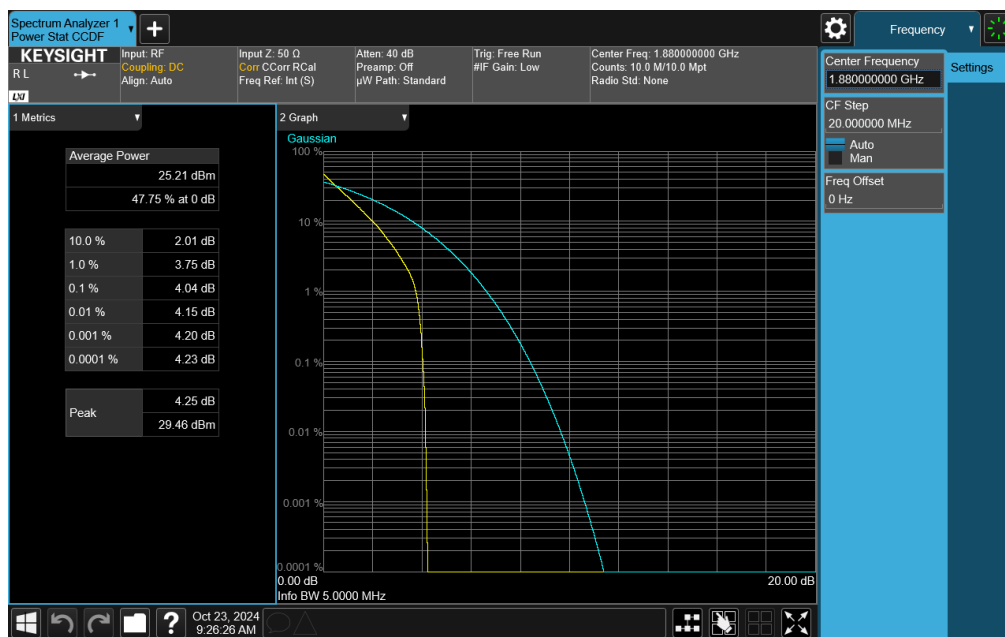
Plot 7-280. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 163 of 220

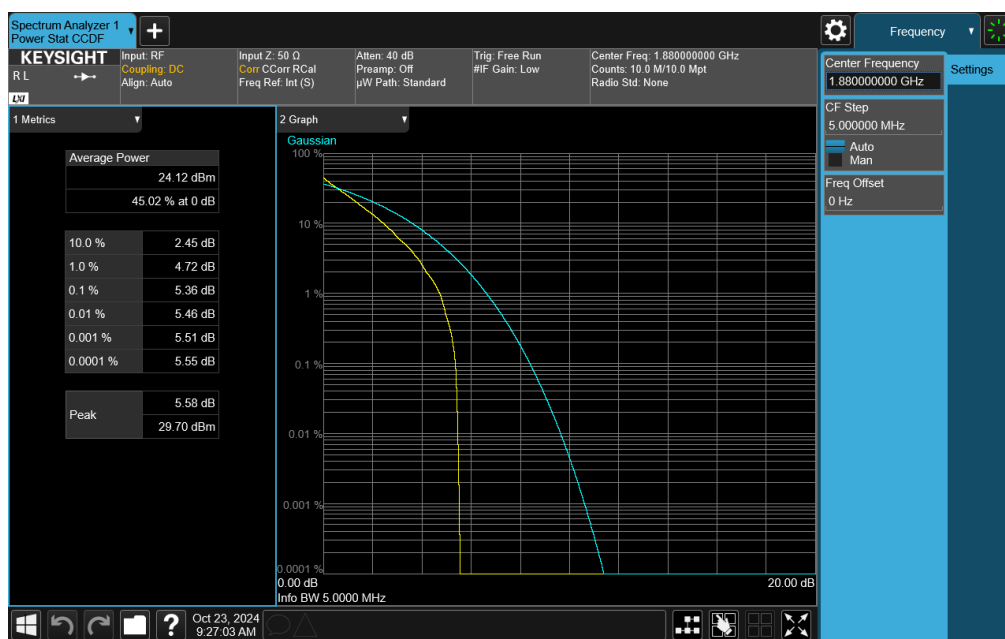
V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

NR Band n2



Plot 7-281. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

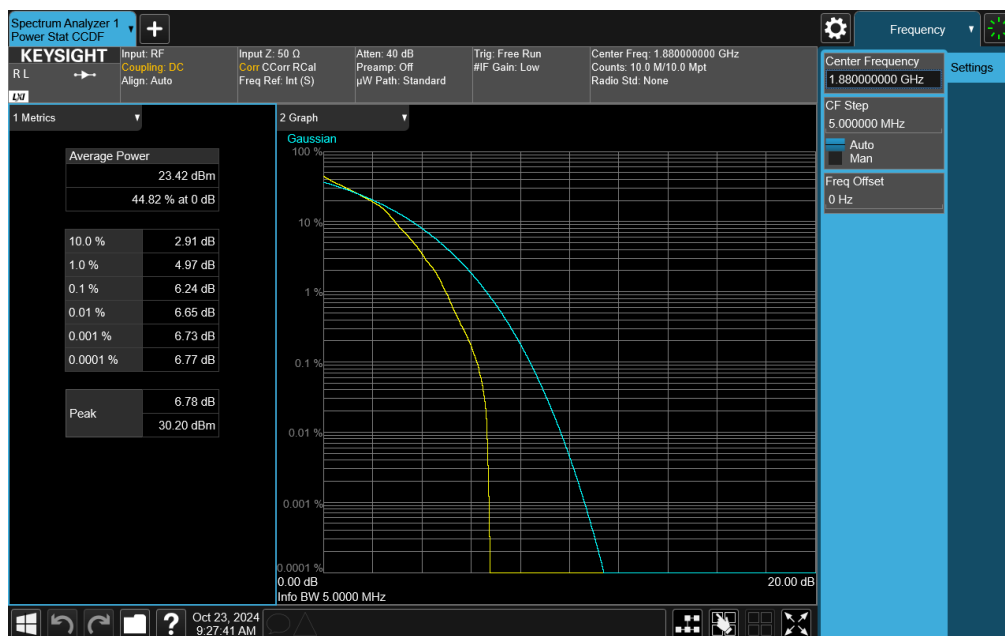


Plot 7-282. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM QPSK - Full RB)

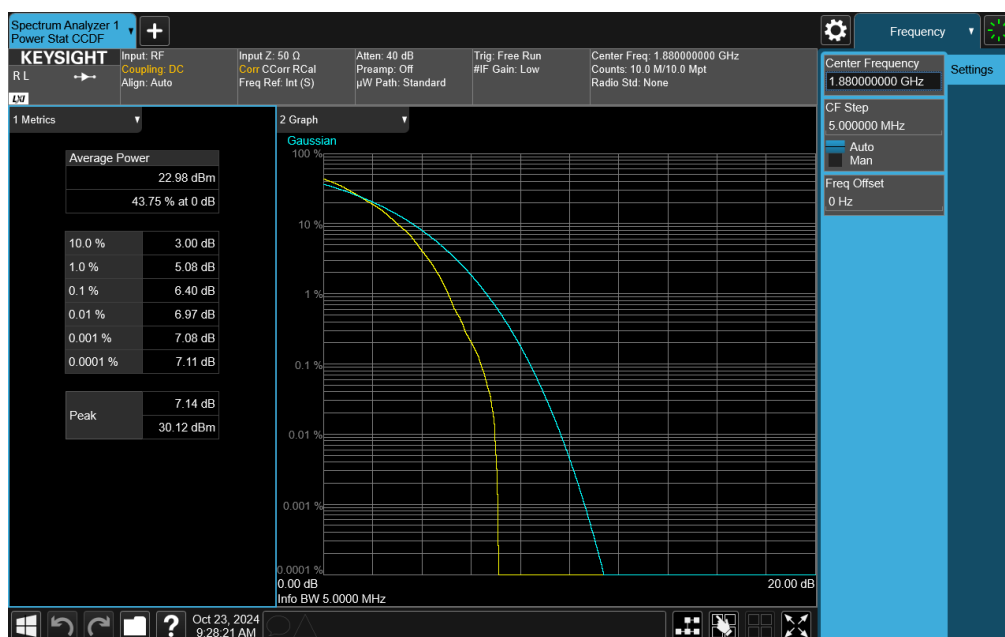
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 164 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-283. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 16-QAM - Full RB)

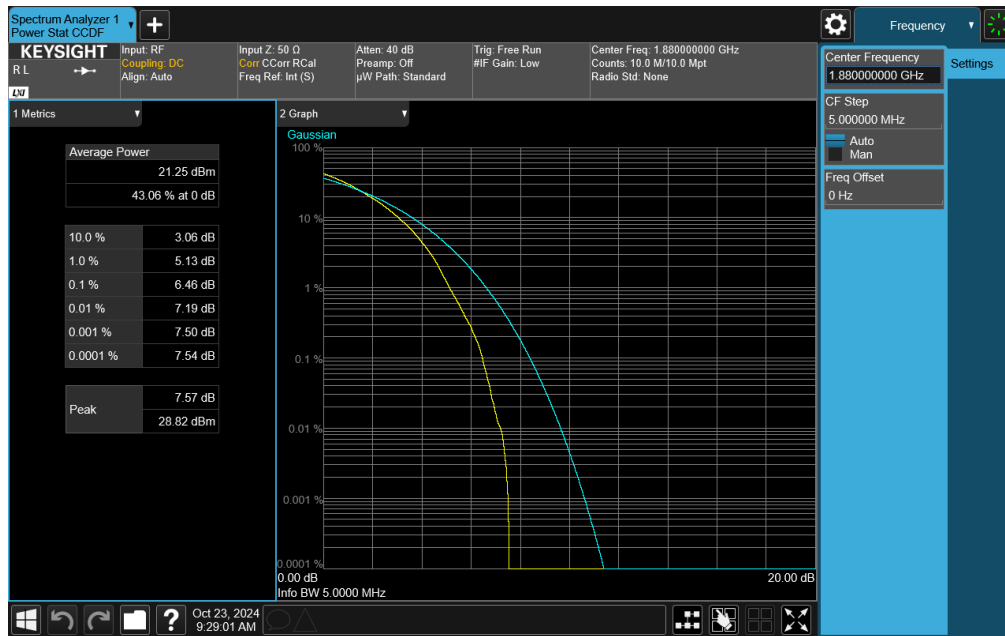


Plot 7-284. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 64-QAM - Full RB)

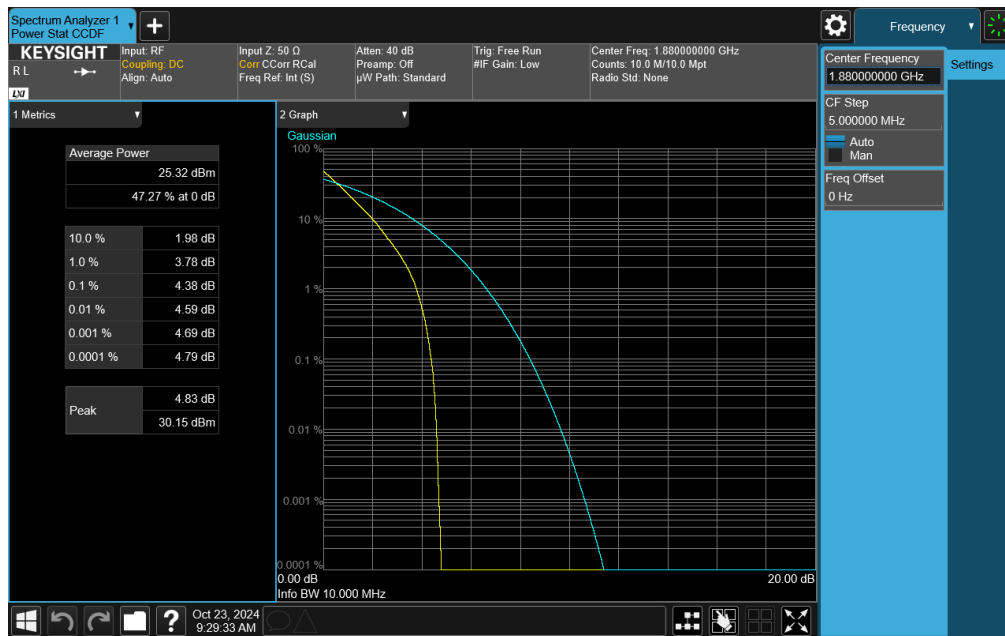
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 165 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-285. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 256-QAM - Full RB)

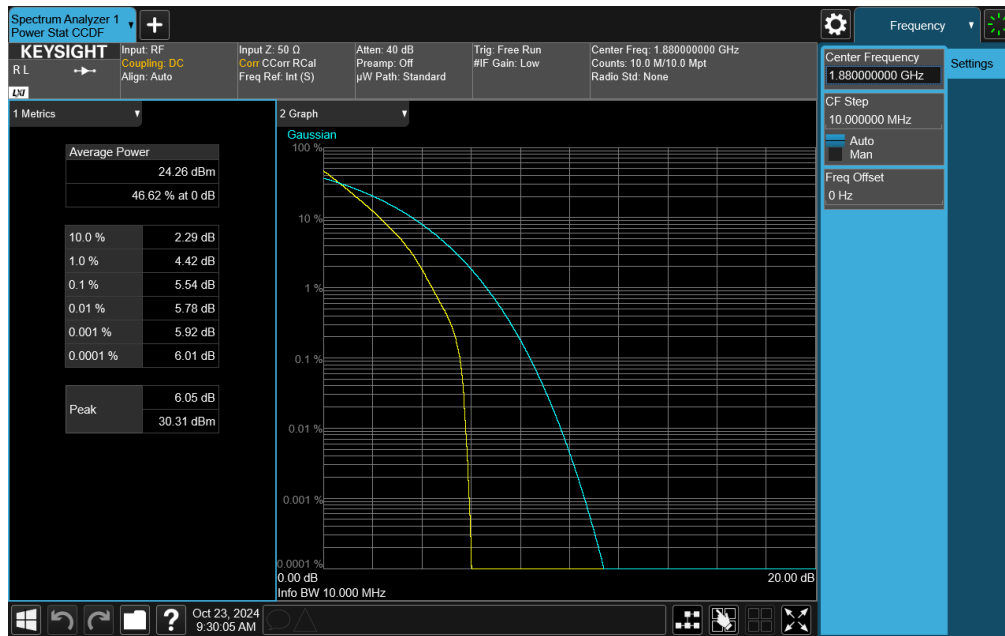


Plot 7-286. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

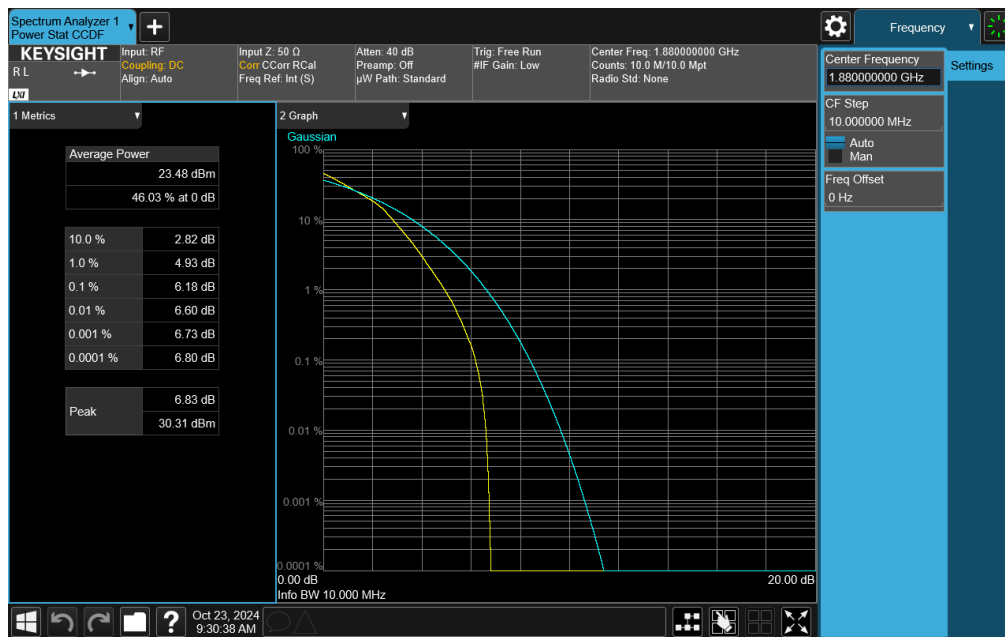
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 166 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-287. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM QPSK - Full RB)

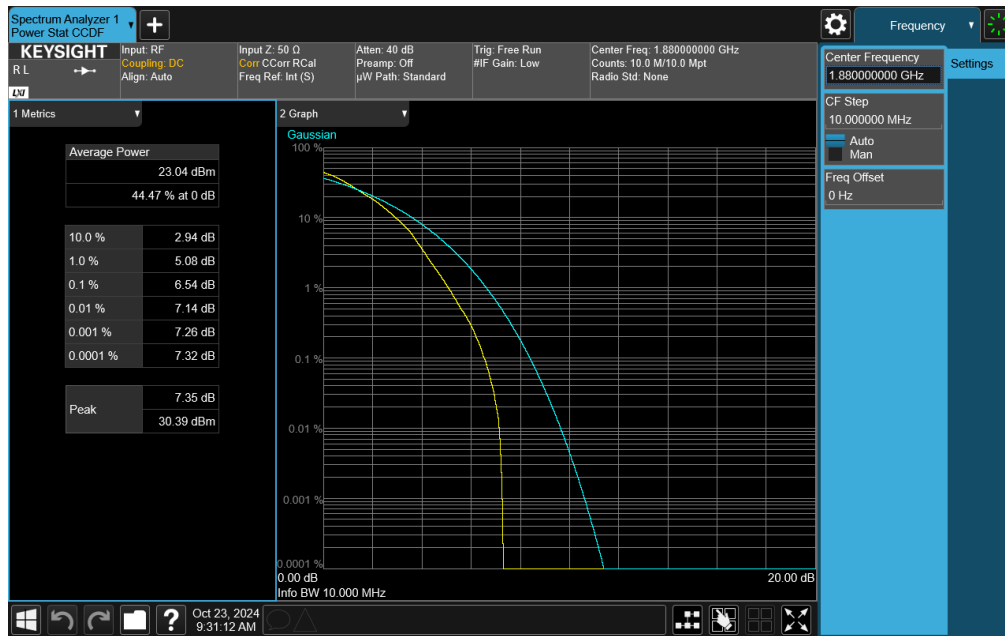


Plot 7-288. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 16-QAM - Full RB)

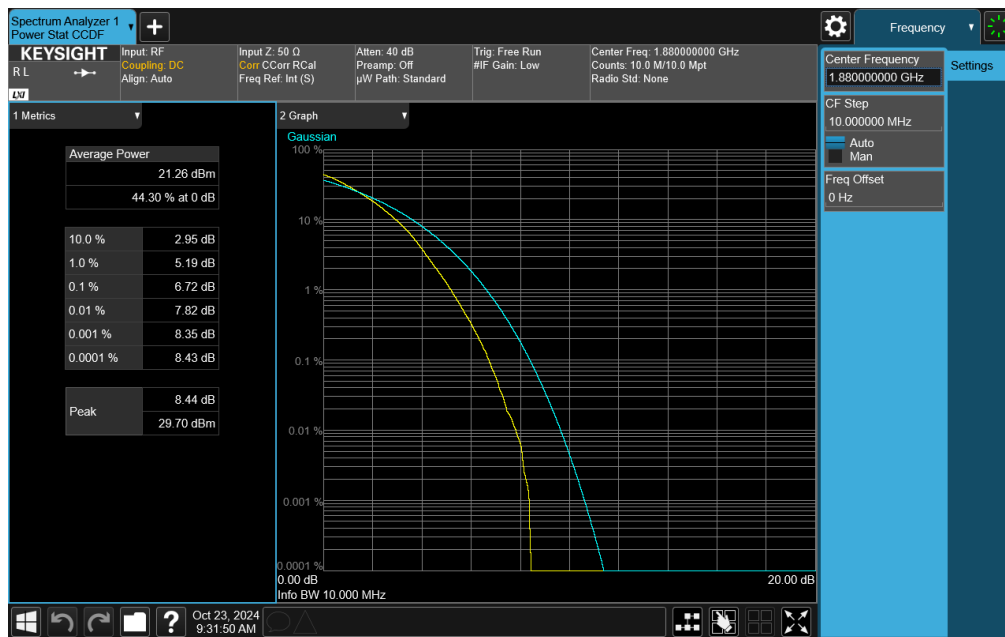
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 167 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-289. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

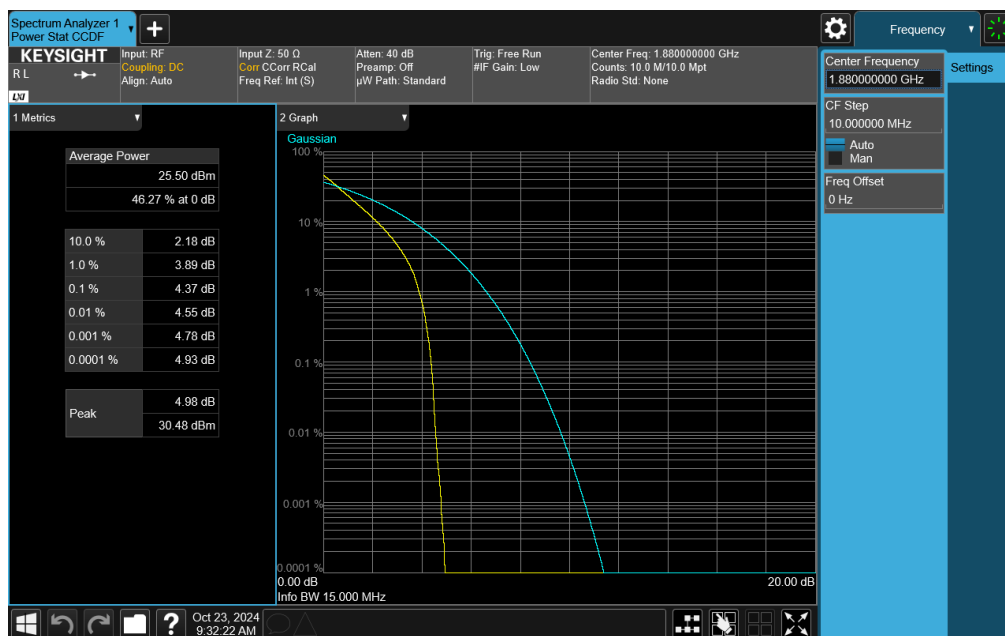


Plot 7-290. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

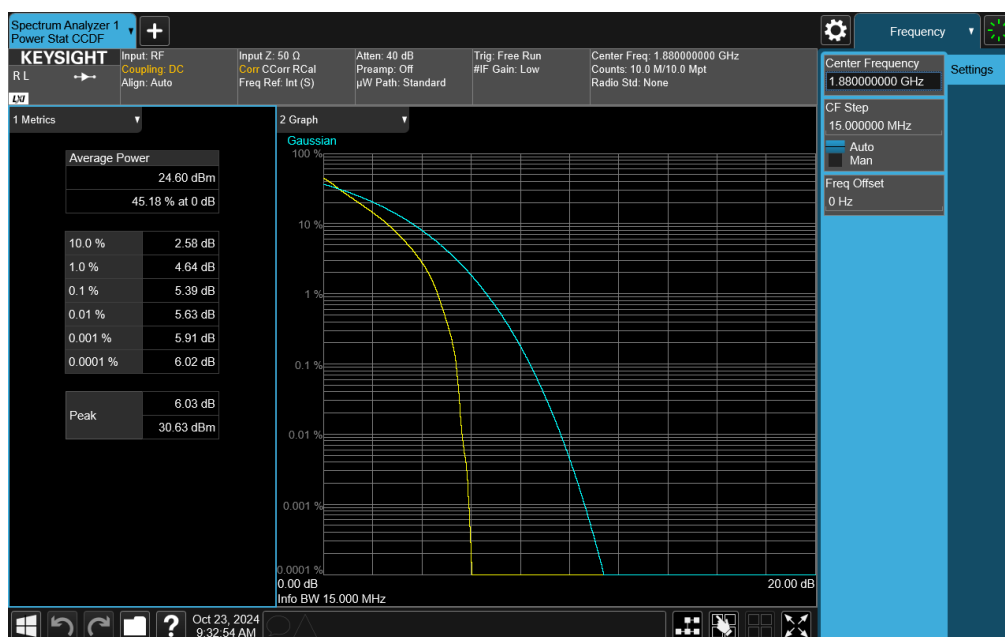
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 168 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-291. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

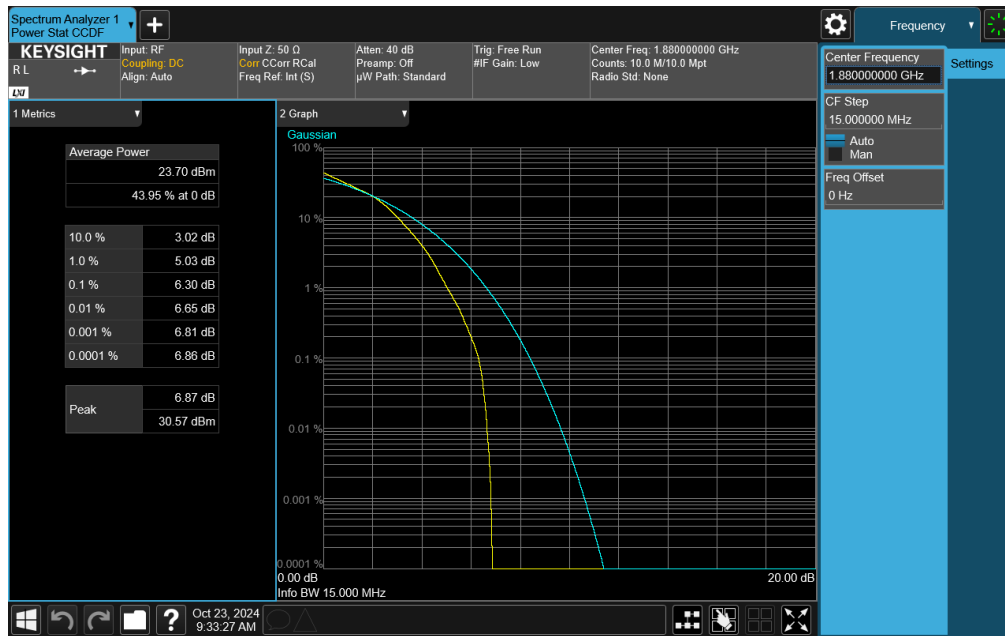


Plot 7-292. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM QPSK - Full RB)

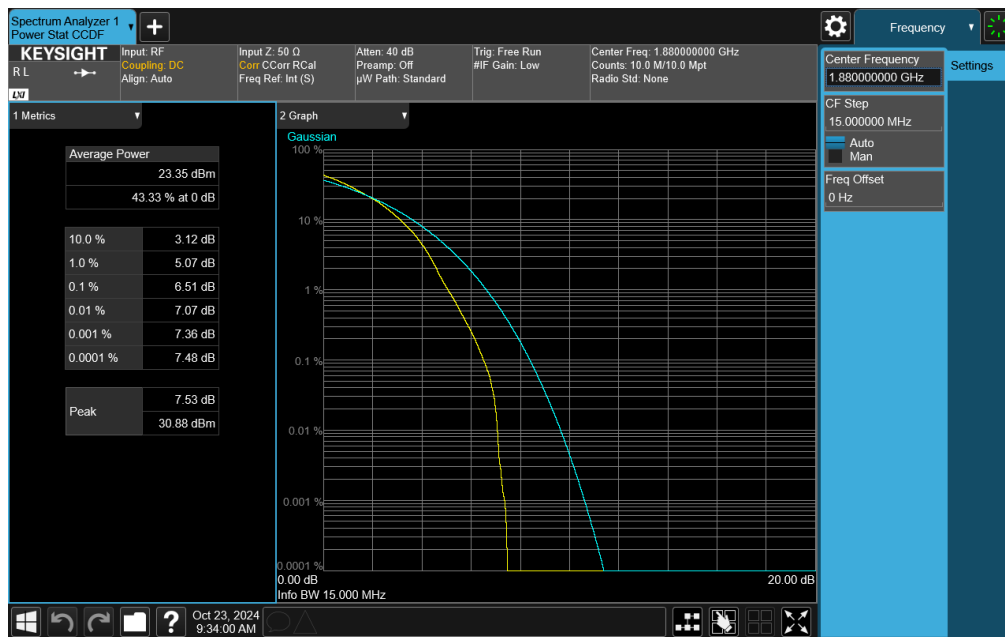
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 169 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-293. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

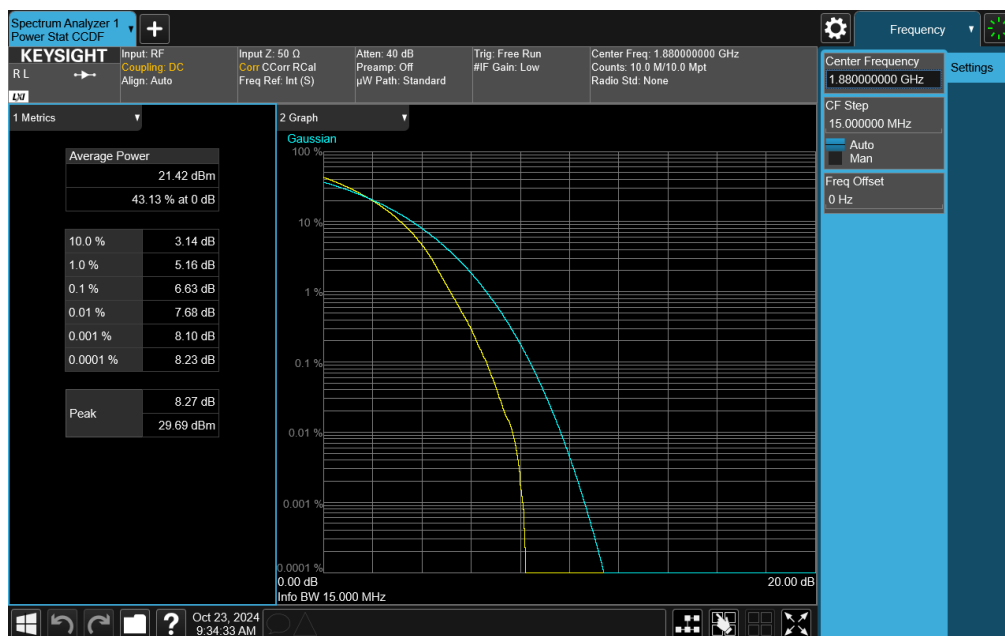


Plot 7-294. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 64-QAM - Full RB)

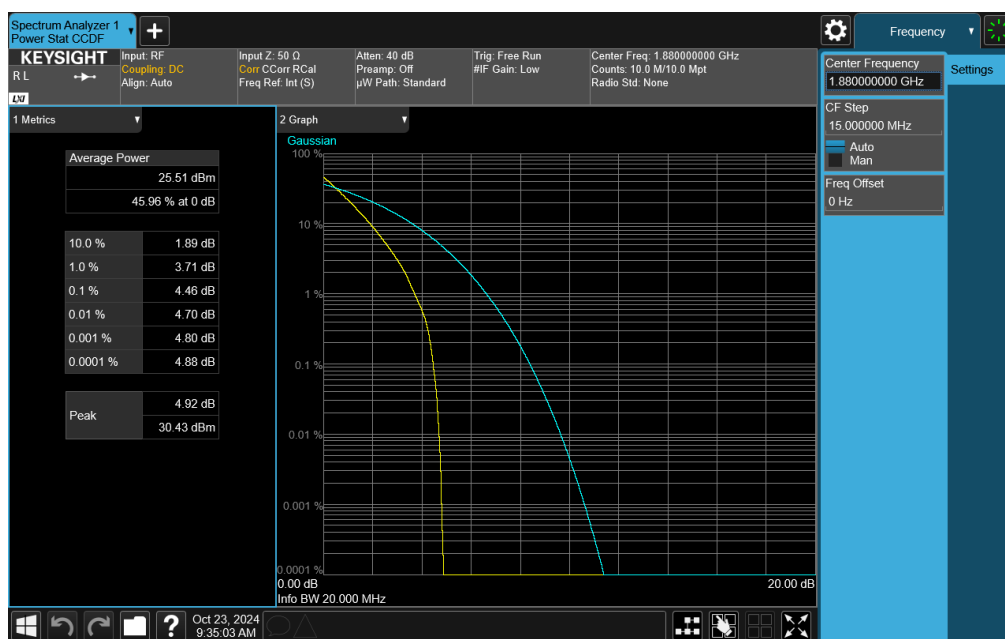
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 170 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-295. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 256-QAM - Full RB)

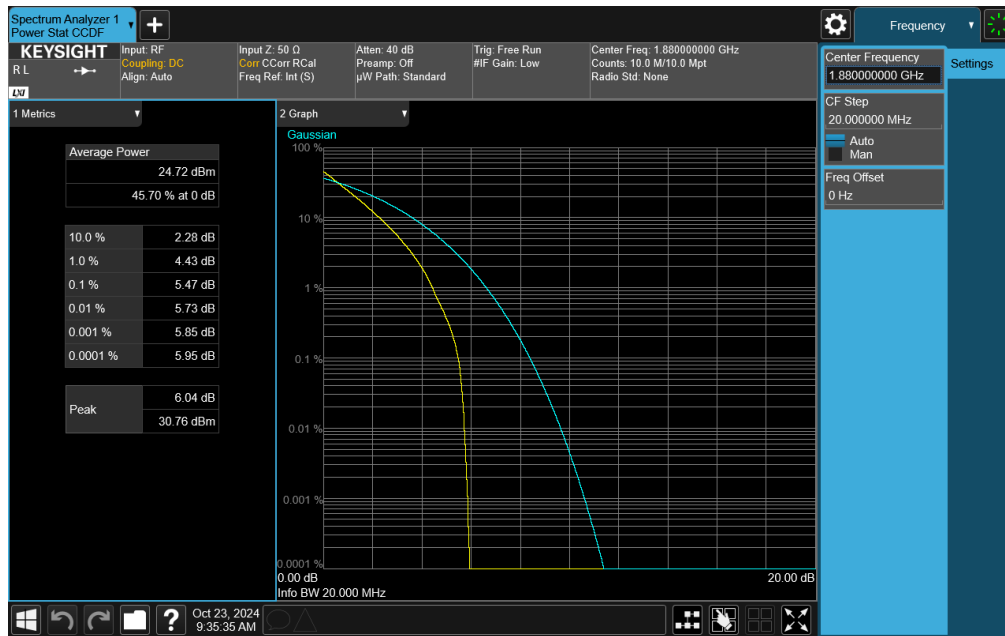


Plot 7-296. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

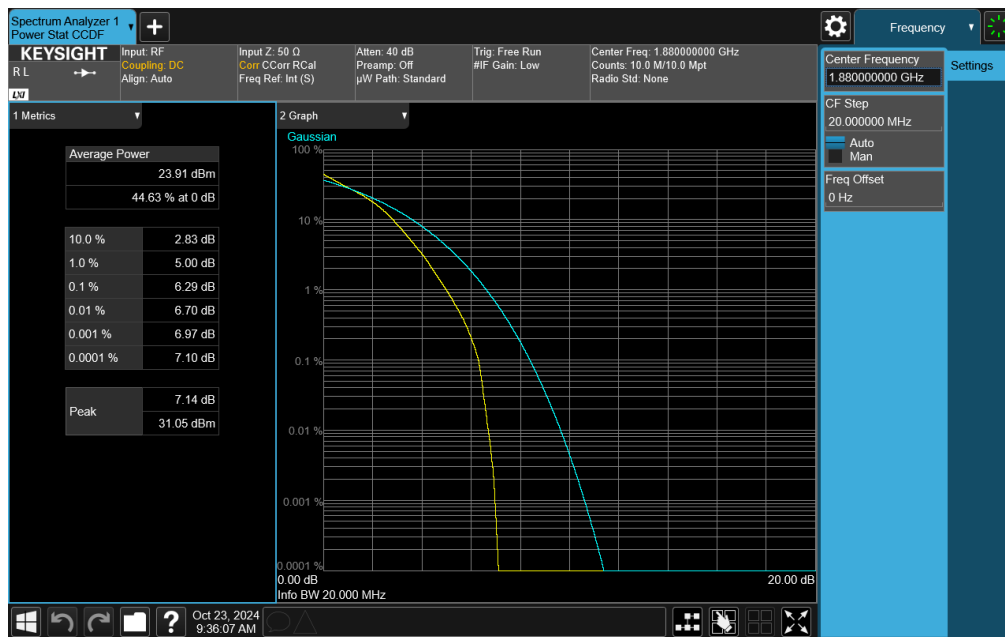
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 171 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-297. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM QPSK - Full RB)

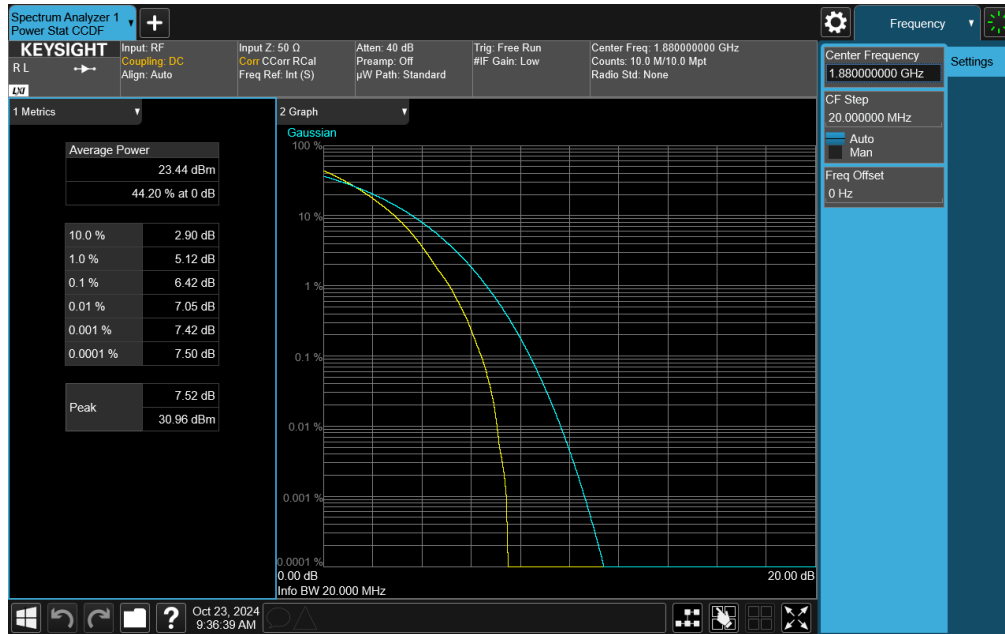


Plot 7-298. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

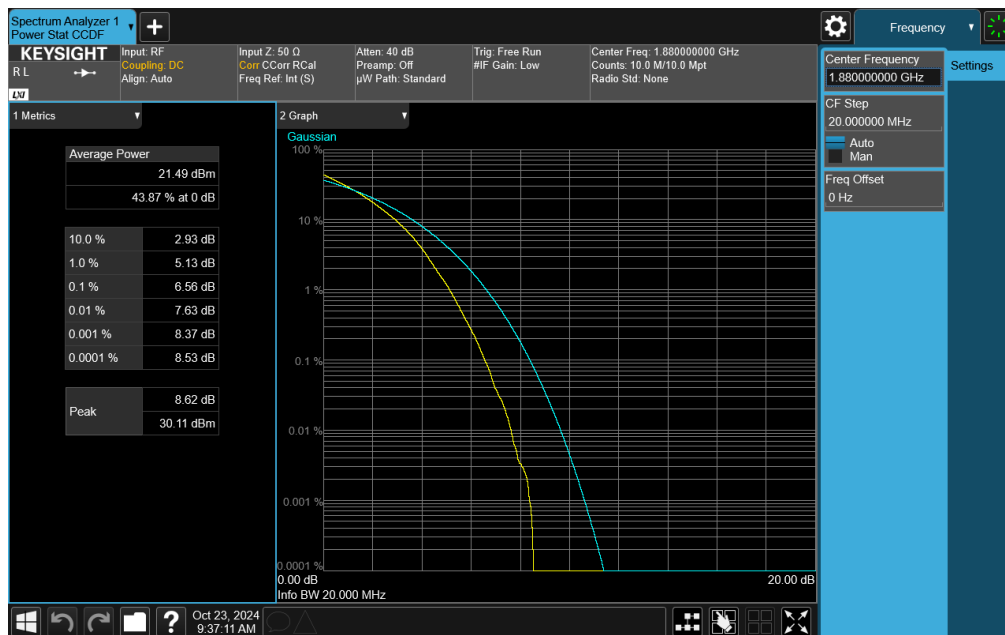
FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 172 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-299. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 64-QAM - Full RB)



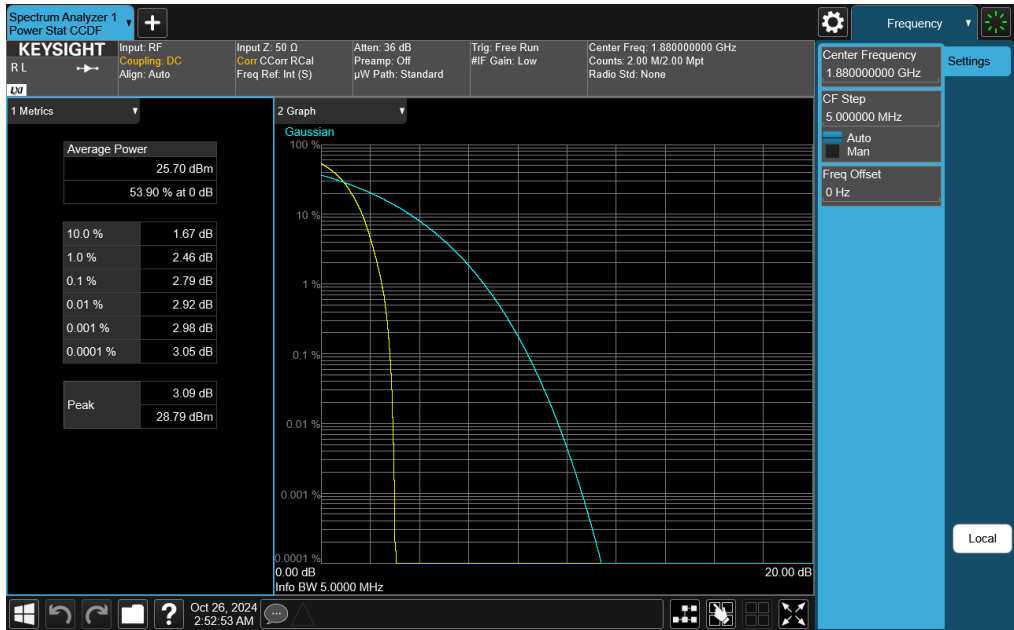
Plot 7-300. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 173 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

WCDMA PCS



Plot 7-301. PAR Plot (WCDMA, Ch. 9400)

FCC ID: BCGA3355	element	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 174 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

7.6 Radiated Power (EIRP)

§24.232(c)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.2.1

ANSI C63.26-2015 – Section 5.2.5.5

Test Settings

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

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

Where:

EIRP = Equivalent Isotropic Radiated Power (expressed in the same units as PMeas, typically dBW or dBm)

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

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

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

Test Setup

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

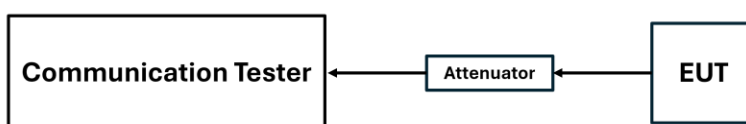


Figure 7-9. LTE Test Instrument & Measurement Setup

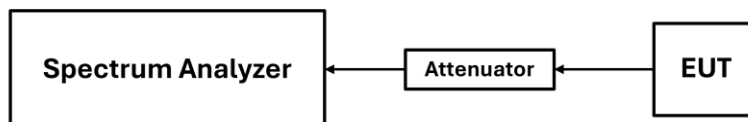


Figure 7-10. FR1 Test Instrument & Measurement Setup

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 175 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

Test Notes

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. The Ant. Gains (GT) are listed in dBi.
5. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 176 of 220

V2.2 09/07/2023

7.6.1 Antenna 4 – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.00	1 / 0	25.63	27.63	0.579	33.01	-5.38
		1882.5	2.00	1 / 0	25.54	27.54	0.568	33.01	-5.47
		1914.3	2.00	1 / 5	25.68	27.68	0.586	33.01	-5.33
	16-QAM	1914.3	2.00	1 / 0	24.95	26.95	0.495	33.01	-6.06
	64-QAM	1882.5	2.00	1 / 3	23.77	25.77	0.378	33.01	-7.24
	256-QAM	1914.3	2.00	1 / 0	20.77	22.77	0.189	33.01	-10.24
3 MHz	QPSK	1851.5	2.00	1 / 0	25.61	27.61	0.577	33.01	-5.40
		1882.5	2.00	1 / 0	25.51	27.51	0.564	33.01	-5.50
		1913.5	2.00	1 / 0	25.43	27.43	0.553	33.01	-5.58
	16-QAM	1851.5	2.00	1 / 0	24.93	26.93	0.493	33.01	-6.08
	64-QAM	1913.5	2.00	1 / 0	23.93	25.93	0.392	33.01	-7.08
	256-QAM	1851.5	2.00	1 / 0	20.88	22.88	0.194	33.01	-10.13
5 MHz	QPSK	1852.5	2.00	1 / 0	25.59	27.59	0.574	33.01	-5.42
		1882.5	2.00	1 / 0	25.52	27.52	0.565	33.01	-5.49
		1912.5	2.00	1 / 0	25.70	27.70	0.589	33.01	-5.31
	16-QAM	1882.5	2.00	1 / 0	25.11	27.11	0.514	33.01	-5.90
	64-QAM	1852.5	2.00	1 / 0	23.88	25.88	0.387	33.01	-7.13
	256-QAM	1852.5	2.00	1 / 0	20.78	22.78	0.190	33.01	-10.23
10 MHz	QPSK	1855.0	2.00	1 / 49	25.61	27.61	0.577	33.01	-5.40
		1882.5	2.00	1 / 49	25.44	27.44	0.555	33.01	-5.57
		1910.0	2.00	1 / 49	25.42	27.42	0.552	33.01	-5.59
	16-QAM	1855.0	2.00	1 / 25	24.83	26.83	0.482	33.01	-6.18
	64-QAM	1855.0	2.00	1 / 0	23.83	25.83	0.383	33.01	-7.18
	256-QAM	1910.0	2.00	1 / 0	20.77	22.77	0.189	33.01	-10.24
15 MHz	QPSK	1857.5	2.00	1 / 0	25.37	27.37	0.546	33.01	-5.64
		1882.5	2.00	1 / 0	25.29	27.29	0.536	33.01	-5.72
		1907.5	2.00	1 / 0	25.23	27.23	0.528	33.01	-5.78
	16-QAM	1857.5	2.00	1 / 74	24.83	26.83	0.482	33.01	-6.18
	64-QAM	1882.5	2.00	1 / 0	23.63	25.63	0.366	33.01	-7.38
	256-QAM	1857.5	2.00	1 / 0	20.61	22.61	0.182	33.01	-10.40
	QPSK	1860.0	2.00	1 / 0	25.31	27.31	0.538	33.01	-5.70
		1882.5	2.00	1 / 0	25.29	27.29	0.536	33.01	-5.72
		1905.0	2.00	1 / 0	25.44	27.44	0.555	33.01	-5.57
	16-QAM	1860.0	2.00	1 / 0	25.04	27.04	0.506	33.01	-5.97
	64-QAM	1905.0	2.00	1 / 0	23.71	25.71	0.372	33.01	-7.30
	256-QAM	1860.0	2.00	1 / 99	20.67	22.67	0.185	33.01	-10.34

Table 7-2. Antenna 4 EIRP Data (LTE Band 25)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 177 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.00	1 / 0	25.63	27.63	0.579	33.01	-5.38
		1880.0	2.00	1 / 0	25.49	27.49	0.561	33.01	-5.52
		1909.3	2.00	1 / 3	25.63	27.63	0.579	33.01	-5.38
	16-QAM	1909.3	2.00	1 / 0	24.69	26.69	0.467	33.01	-6.32
	64-QAM	1850.7	2.00	1 / 3	23.70	25.70	0.372	33.01	-7.31
	256-QAM	1850.7	2.00	1 / 0	20.81	22.81	0.191	33.01	-10.20
3 MHz	QPSK	1851.5	2.00	1 / 14	25.53	27.53	0.566	33.01	-5.48
		1880.0	2.00	1 / 7	25.66	27.66	0.583	33.01	-5.35
		1908.5	2.00	1 / 7	25.67	27.67	0.585	33.01	-5.34
	16-QAM	1908.5	2.00	1 / 7	24.70	26.70	0.468	33.01	-6.31
	64-QAM	1908.5	2.00	1 / 14	23.67	25.67	0.369	33.01	-7.34
	256-QAM	1851.5	2.00	1 / 14	20.78	22.78	0.190	33.01	-10.23
5 MHz	QPSK	1852.5	2.00	1 / 0	25.57	27.57	0.571	33.01	-5.44
		1880.0	2.00	1 / 0	25.65	27.65	0.582	33.01	-5.36
		1907.5	2.00	1 / 0	25.54	27.54	0.568	33.01	-5.47
	16-QAM	1907.5	2.00	1 / 12	24.66	26.66	0.463	33.01	-6.35
	64-QAM	1907.5	2.00	1 / 12	23.64	25.64	0.366	33.01	-7.37
	256-QAM	1852.5	2.00	1 / 0	20.79	22.79	0.190	33.01	-10.22
10 MHz	QPSK	1855.0	2.00	1 / 25	25.52	27.52	0.565	33.01	-5.49
		1880.0	2.00	1 / 25	25.70	27.70	0.589	33.01	-5.31
		1905.0	2.00	1 / 0	25.59	27.59	0.574	33.01	-5.42
	16-QAM	1855.0	2.00	1 / 49	24.66	26.66	0.463	33.01	-6.35
	64-QAM	1855.0	2.00	1 / 49	23.66	25.66	0.368	33.01	-7.35
	256-QAM	1855.0	2.00	1 / 25	20.77	22.77	0.189	33.01	-10.24
15 MHz	QPSK	1857.5	2.00	1 / 0	25.68	27.68	0.586	33.01	-5.33
		1880.0	2.00	1 / 74	25.66	27.66	0.583	33.01	-5.35
		1902.5	2.00	1 / 0	25.46	27.46	0.557	33.01	-5.55
	16-QAM	1902.5	2.00	1 / 37	24.60	26.60	0.457	33.01	-6.41
	64-QAM	1902.5	2.00	1 / 0	23.56	25.56	0.360	33.01	-7.45
	256-QAM	1857.5	2.00	1 / 0	20.78	22.78	0.190	33.01	-10.23
20 MHz	QPSK	1860.0	2.00	1 / 50	25.65	27.65	0.582	33.01	-5.36
		1880.0	2.00	1 / 50	25.64	27.64	0.581	33.01	-5.37
		1900.0	2.00	1 / 99	25.64	27.64	0.581	33.01	-5.37
	16-QAM	1900.0	2.00	1 / 99	24.57	26.57	0.454	33.01	-6.44
	64-QAM	1880.0	2.00	1 / 99	23.70	25.70	0.372	33.01	-7.31
	256-QAM	1900.0	2.00	1 / 50	20.78	22.78	0.190	33.01	-10.23

Table 7-3. Antenna 4 EIRP Data (LTE Band 2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 178 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.00	1 / 12	25.65	27.65	0.582	33.01	-5.36
		1882.5	2.00	1 / 1	25.70	27.70	0.589	33.01	-5.31
		1912.5	2.00	1 / 1	25.69	27.69	0.587	33.01	-5.32
	QPSK	1852.5	2.00	1 / 23	25.60	27.60	0.575	33.01	-5.41
		1882.5	2.00	1 / 1	25.51	27.51	0.564	33.01	-5.50
		1912.5	2.00	1 / 23	25.70	27.70	0.589	33.01	-5.31
	16-QAM	1852.5	2.00	1 / 23	24.74	26.74	0.472	33.01	-6.27
	256-QAM	1912.5	2.00	1 / 1	23.64	25.64	0.366	33.01	-7.37
10 MHz	$\pi/2$ BPSK	1852.5	2.00	1 / 23	20.75	22.75	0.188	33.01	-10.26
		1882.5	2.00	1 / 1	25.69	27.69	0.587	33.01	-5.32
		1910.0	2.00	1 / 50	25.70	27.70	0.589	33.01	-5.31
	QPSK	1855.0	2.00	1 / 50	25.62	27.62	0.578	33.01	-5.39
		1882.5	2.00	1 / 1	25.48	27.48	0.560	33.01	-5.53
		1910.0	2.00	1 / 1	25.51	27.51	0.564	33.01	-5.50
	16-QAM	1855.0	2.00	1 / 1	24.67	26.67	0.465	33.01	-6.34
	256-QAM	1855.0	2.00	1 / 1	23.69	25.69	0.371	33.01	-7.32
15 MHz	$\pi/2$ BPSK	1882.5	2.00	1 / 1	20.79	22.79	0.190	33.01	-10.22
		1857.5	2.00	1 / 36	25.64	27.64	0.581	33.01	-5.37
		1882.5	2.00	1 / 36	25.59	27.59	0.574	33.01	-5.42
	QPSK	1907.5	2.00	1 / 77	25.70	27.70	0.589	33.01	-5.31
		1857.5	2.00	1 / 36	25.50	27.50	0.562	33.01	-5.51
		1882.5	2.00	1 / 77	25.52	27.52	0.565	33.01	-5.49
	16-QAM	1907.5	2.00	1 / 36	25.64	27.64	0.581	33.01	-5.37
	256-QAM	1857.5	2.00	1 / 77	24.73	26.73	0.471	33.01	-6.28
20 MHz	$\pi/2$ BPSK	1882.5	2.00	1 / 36	23.68	25.68	0.370	33.01	-7.33
		1857.5	2.00	1 / 36	20.81	22.81	0.191	33.01	-10.20
		1882.5	2.00	1 / 36	20.81	22.81	0.191	33.01	-10.20
	QPSK	1860.0	2.00	1 / 50	25.62	27.62	0.578	33.01	-5.39
		1882.5	2.00	1 / 50	25.70	27.70	0.589	33.01	-5.31
		1905.0	2.00	1 / 50	25.63	27.63	0.579	33.01	-5.38
	16-QAM	1860.0	2.00	1 / 104	24.55	26.55	0.452	33.01	-6.46
	256-QAM	1860.0	2.00	1 / 50	23.75	25.75	0.376	33.01	-7.26
25 MHz	$\pi/2$ BPSK	1882.5	2.00	1 / 50	20.83	22.83	0.192	33.01	-10.18
		1862.5	2.00	1 / 64	25.69	27.69	0.587	33.01	-5.32
		1882.5	2.00	1 / 64	25.70	27.70	0.589	33.01	-5.31
	QPSK	1902.5	2.00	1 / 1	25.65	27.65	0.582	33.01	-5.36
		1862.5	2.00	1 / 64	25.48	27.48	0.560	33.01	-5.53
		1882.5	2.00	1 / 64	25.61	27.61	0.577	33.01	-5.40
	16-QAM	1902.5	2.00	1 / 64	25.55	27.55	0.569	33.01	-5.46
	256-QAM	1862.5	2.00	1 / 131	24.66	26.66	0.463	33.01	-6.35
30 MHz	$\pi/2$ BPSK	1862.5	2.00	1 / 131	23.72	25.72	0.373	33.01	-7.29
		1882.5	2.00	1 / 131	20.70	22.70	0.186	33.01	-10.31
		1865.0	2.00	1 / 80	25.62	27.62	0.578	33.01	-5.39
	QPSK	1882.5	2.00	1 / 80	25.67	27.67	0.585	33.01	-5.34
		1900.0	2.00	1 / 1	25.68	27.68	0.586	33.01	-5.33
		1865.0	2.00	1 / 158	25.68	27.68	0.586	33.01	-5.33
	16-QAM	1882.5	2.00	1 / 158	25.59	27.59	0.574	33.01	-5.42
	256-QAM	1900.0	2.00	1 / 1	25.70	27.70	0.589	33.01	-5.31
35 MHz	$\pi/2$ BPSK	1865.0	2.00	1 / 80	24.63	26.63	0.460	33.01	-6.38
		1900.0	2.00	1 / 80	23.70	25.70	0.372	33.01	-7.31
		1900.0	2.00	1 / 1	20.78	22.78	0.190	33.01	-10.23
	QPSK	1867.5	2.00	1 / 90	25.44	27.44	0.555	33.01	-5.57
		1882.5	2.00	1 / 1	25.68	27.68	0.586	33.01	-5.33
		1897.5	2.00	1 / 1	25.62	27.62	0.578	33.01	-5.39
	16-QAM	1867.5	2.00	1 / 186	25.69	27.69	0.587	33.01	-5.32
	256-QAM	1882.5	2.00	1 / 1	25.69	27.69	0.587	33.01	-5.32
40 MHz	$\pi/2$ BPSK	1897.5	2.00	1 / 90	25.70	27.70	0.589	33.01	-5.31
		1882.5	2.00	1 / 186	24.69	26.69	0.467	33.01	-6.32
		1897.5	2.00	1 / 1	23.59	25.59	0.362	33.01	-7.42
	QPSK	1867.5	2.00	1 / 1	20.84	22.84	0.192	33.01	-10.17
		1870.0	2.00	1 / 214	25.37	27.37	0.546	33.01	-5.64
		1882.5	2.00	1 / 1	25.70	27.70	0.589	33.01	-5.31
	16-QAM	1895.0	2.00	1 / 108	25.60	27.60	0.575	33.01	-5.41
	256-QAM	1870.0	2.00	1 / 108	25.61	27.61	0.577	33.01	-5.40

Table 7-4. Antenna 4 EIRP Data (NR Band n25)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 179 of 220

V2.2 09/07/2023

NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.00	1 / 12	25.52	27.52	0.565	33.01	-5.49
		1880.0	2.00	1 / 23	25.58	27.58	0.573	33.01	-5.43
		1907.5	2.00	1 / 12	25.65	27.65	0.582	33.01	-5.36
	QPSK	1852.5	2.00	1 / 12	25.70	27.70	0.589	33.01	-5.31
		1880.0	2.00	1 / 12	25.53	27.53	0.566	33.01	-5.48
		1907.5	2.00	1 / 1	25.64	27.64	0.581	33.01	-5.37
	16-QAM	1852.5	2.00	1 / 12	24.71	26.71	0.469	33.01	-6.30
	64-QAM	1852.5	2.00	1 / 23	23.71	25.71	0.372	33.01	-7.30
	256-QAM	1907.5	2.00	1 / 1	20.77	22.77	0.189	33.01	-10.24
10 MHz	$\pi/2$ BPSK	1855.0	2.00	1 / 25	25.62	27.62	0.578	33.01	-5.39
		1880.0	2.00	1 / 50	25.59	27.59	0.574	33.01	-5.42
		1905.0	2.00	1 / 50	25.58	27.58	0.573	33.01	-5.43
	QPSK	1855.0	2.00	1 / 1	25.70	27.70	0.589	33.01	-5.31
		1880.0	2.00	1 / 25	25.64	27.64	0.581	33.01	-5.37
		1905.0	2.00	1 / 1	25.67	27.67	0.585	33.01	-5.34
	16-QAM	1905.0	2.00	1 / 25	24.76	26.76	0.474	33.01	-6.25
	64-QAM	1905.0	2.00	1 / 1	23.71	25.71	0.372	33.01	-7.30
	256-QAM	1880.0	2.00	1 / 50	20.84	22.84	0.192	33.01	-10.17
15 MHz	$\pi/2$ BPSK	1857.5	2.00	1 / 36	25.60	27.60	0.575	33.01	-5.41
		1880.0	2.00	1 / 36	25.70	27.70	0.589	33.01	-5.31
		1902.5	2.00	1 / 36	25.60	27.60	0.575	33.01	-5.41
	QPSK	1857.5	2.00	1 / 1	25.58	27.58	0.573	33.01	-5.43
		1880.0	2.00	1 / 77	25.38	27.38	0.547	33.01	-5.63
		1902.5	2.00	1 / 1	25.69	27.69	0.587	33.01	-5.32
	16-QAM	1880.0	2.00	1 / 1	24.65	26.65	0.462	33.01	-6.36
	64-QAM	1902.5	2.00	1 / 36	23.57	25.57	0.361	33.01	-7.44
	256-QAM	1880.0	2.00	1 / 36	20.80	22.80	0.191	33.01	-10.21
20 MHz	$\pi/2$ BPSK	1860.0	2.00	1 / 1	25.56	27.56	0.570	33.01	-5.45
		1880.0	2.00	1 / 1	25.68	27.68	0.586	33.01	-5.33
		1900.0	2.00	1 / 1	25.63	27.63	0.579	33.01	-5.38
	QPSK	1860.0	2.00	1 / 1	25.69	27.69	0.587	33.01	-5.32
		1880.0	2.00	1 / 50	25.70	27.70	0.589	33.01	-5.31
		1900.0	2.00	1 / 104	25.58	27.58	0.573	33.01	-5.43
	16-QAM	1900.0	2.00	1 / 104	24.68	26.68	0.466	33.01	-6.33
	64-QAM	1860.0	2.00	1 / 1	23.68	25.68	0.370	33.01	-7.33
	256-QAM	1880.0	2.00	1 / 1	20.79	22.79	0.190	33.01	-10.22

Table 7-5. Antenna 4 EIRP Data (NR Band n2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 180 of 220

V2.2 09/07/2023

WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	25.67	2.00	27.67	0.585	33.01	-5.34
1880.00	WCDMA1900	25.64	2.00	27.64	0.581	33.01	-5.37
1907.60	WCDMA1900	25.57	2.00	27.57	0.571	33.01	-5.44

Table 7-6. Antenna 4 EIRP Data (WCDMA PCS)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 181 of 220

V2.2 09/07/2023

7.6.2 Antenna 2b – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.30	1 / 0	24.05	24.35	0.272	33.01	-8.66
		1882.5	0.30	1 / 3	24.08	24.38	0.274	33.01	-8.63
		1914.3	0.30	1 / 0	23.99	24.29	0.269	33.01	-8.72
	16-QAM	1914.3	0.30	1 / 5	23.31	23.61	0.230	33.01	-9.40
	64-QAM	1882.5	0.30	1 / 0	22.21	22.51	0.178	33.01	-10.50
	256-QAM	1914.3	0.30	1 / 0	19.22	19.52	0.090	33.01	-13.49
3 MHz	QPSK	1851.5	0.30	1 / 0	23.81	24.11	0.258	33.01	-8.90
		1882.5	0.30	1 / 0	24.01	24.31	0.270	33.01	-8.70
		1913.5	0.30	1 / 0	23.92	24.22	0.264	33.01	-8.79
	16-QAM	1913.5	0.30	1 / 0	23.48	23.78	0.239	33.01	-9.23
	64-QAM	1913.5	0.30	1 / 0	22.38	22.68	0.185	33.01	-10.33
	256-QAM	1913.5	0.30	1 / 0	19.18	19.48	0.089	33.01	-13.53
5 MHz	QPSK	1852.5	0.30	1 / 0	24.20	24.50	0.282	33.01	-8.51
		1882.5	0.30	1 / 0	24.14	24.44	0.278	33.01	-8.57
		1912.5	0.30	1 / 0	23.99	24.29	0.269	33.01	-8.72
	16-QAM	1912.5	0.30	1 / 0	23.44	23.74	0.237	33.01	-9.27
	64-QAM	1912.5	0.30	1 / 0	22.19	22.49	0.177	33.01	-10.52
	256-QAM	1852.5	0.30	1 / 0	19.19	19.49	0.089	33.01	-13.52
10 MHz	QPSK	1855.0	0.30	1 / 49	23.86	24.16	0.261	33.01	-8.85
		1882.5	0.30	1 / 0	23.95	24.25	0.266	33.01	-8.76
		1910.0	0.30	1 / 49	23.88	24.18	0.262	33.01	-8.83
	16-QAM	1910.0	0.30	1 / 49	23.43	23.73	0.236	33.01	-9.28
	64-QAM	1855.0	0.30	1 / 0	22.10	22.40	0.174	33.01	-10.61
	256-QAM	1910.0	0.30	1 / 0	19.28	19.58	0.091	33.01	-13.43
15 MHz	QPSK	1857.5	0.30	1 / 0	23.79	24.09	0.256	33.01	-8.92
		1882.5	0.30	1 / 74	23.91	24.21	0.264	33.01	-8.80
		1907.5	0.30	1 / 0	23.82	24.12	0.258	33.01	-8.89
	16-QAM	1907.5	0.30	1 / 0	23.07	23.37	0.217	33.01	-9.64
	64-QAM	1882.5	0.30	1 / 0	22.04	22.34	0.171	33.01	-10.67
	256-QAM	1907.5	0.30	1 / 0	19.13	19.43	0.088	33.01	-13.58
20 MHz	QPSK	1860.0	0.30	1 / 0	23.81	24.11	0.258	33.01	-8.90
		1882.5	0.30	1 / 0	23.82	24.12	0.258	33.01	-8.89
		1905.0	0.30	1 / 0	23.59	23.89	0.245	33.01	-9.12
	16-QAM	1860.0	0.30	1 / 0	23.35	23.65	0.232	33.01	-9.36
	64-QAM	1882.5	0.30	1 / 0	22.23	22.53	0.179	33.01	-10.48
	256-QAM	1905.0	0.30	1 / 99	19.02	19.32	0.086	33.01	-13.69

Table 7-7. Antenna 2b EIRP Data (LTE Band 25)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 182 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.30	1 / 0	24.09	24.39	0.275	33.01	-8.62
		1880.0	0.30	1 / 0	24.08	24.38	0.274	33.01	-8.63
		1909.3	0.30	1 / 0	23.86	24.16	0.261	33.01	-8.85
	16-QAM	1880.0	0.30	1 / 0	23.38	23.68	0.233	33.01	-9.33
	64-QAM	1850.7	0.30	1 / 0	22.18	22.48	0.177	33.01	-10.53
	256-QAM	1850.7	0.30	1 / 0	19.10	19.40	0.087	33.01	-13.61
3 MHz	QPSK	1851.5	0.30	1 / 0	23.81	24.11	0.258	33.01	-8.90
		1880.0	0.30	1 / 0	24.05	24.35	0.272	33.01	-8.66
		1908.5	0.30	1 / 0	23.81	24.11	0.258	33.01	-8.90
	16-QAM	1880.0	0.30	1 / 0	23.41	23.71	0.235	33.01	-9.30
	64-QAM	1851.5	0.30	1 / 0	22.19	22.49	0.177	33.01	-10.52
	256-QAM	1880.0	0.30	1 / 0	19.20	19.50	0.089	33.01	-13.51
5 MHz	QPSK	1852.5	0.30	1 / 0	24.05	24.35	0.272	33.01	-8.66
		1880.0	0.30	1 / 0	24.12	24.42	0.277	33.01	-8.59
		1907.5	0.30	1 / 0	23.91	24.21	0.264	33.01	-8.80
	16-QAM	1880.0	0.30	1 / 0	23.48	23.78	0.239	33.01	-9.23
	64-QAM	1880.0	0.30	1 / 0	22.35	22.65	0.184	33.01	-10.36
	256-QAM	1852.5	0.30	1 / 0	19.16	19.46	0.088	33.01	-13.55
10 MHz	QPSK	1855.0	0.30	1 / 49	23.88	24.18	0.262	33.01	-8.83
		1880.0	0.30	1 / 0	24.00	24.30	0.269	33.01	-8.71
		1905.0	0.30	1 / 25	23.81	24.11	0.258	33.01	-8.90
	16-QAM	1905.0	0.30	1 / 25	23.45	23.75	0.237	33.01	-9.26
	64-QAM	1855.0	0.30	1 / 0	22.22	22.52	0.179	33.01	-10.49
	256-QAM	1880.0	0.30	1 / 49	19.10	19.40	0.087	33.01	-13.61
15 MHz	QPSK	1857.5	0.30	1 / 0	23.81	24.11	0.258	33.01	-8.90
		1880.0	0.30	1 / 0	23.88	24.18	0.262	33.01	-8.83
		1902.5	0.30	1 / 37	23.61	23.91	0.246	33.01	-9.10
	16-QAM	1902.5	0.30	1 / 0	23.27	23.57	0.228	33.01	-9.44
	64-QAM	1857.5	0.30	1 / 74	22.06	22.36	0.172	33.01	-10.65
	256-QAM	1880.0	0.30	1 / 0	19.03	19.33	0.086	33.01	-13.68
20 MHz	QPSK	1860.0	0.30	1 / 0	23.76	24.06	0.255	33.01	-8.95
		1880.0	0.30	1 / 0	23.60	23.90	0.245	33.01	-9.11
		1900.0	0.30	1 / 0	23.85	24.15	0.260	33.01	-8.86
	16-QAM	1880.0	0.30	1 / 0	23.46	23.76	0.238	33.01	-9.25
	64-QAM	1900.0	0.30	1 / 0	22.24	22.54	0.179	33.01	-10.47
	256-QAM	1860.0	0.30	1 / 0	19.00	19.30	0.085	33.01	-13.71

Table 7-8. Antenna 2b EIRP Data (LTE Band 2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 183 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.30	1 / 12	24.04	24.34	0.272	33.01	-8.67
		1882.5	0.30	1 / 23	23.91	24.21	0.264	33.01	-8.80
		1912.5	0.30	1 / 1	24.20	24.50	0.282	33.01	-8.51
	QPSK	1852.5	0.30	1 / 12	24.03	24.33	0.271	33.01	-8.68
		1882.5	0.30	1 / 12	24.17	24.47	0.280	33.01	-8.54
		1912.5	0.30	1 / 1	23.99	24.29	0.269	33.01	-8.72
	16-QAM	1912.5	0.30	1 / 1	23.18	23.48	0.223	33.01	-9.53
	64-QAM	1912.5	0.30	1 / 12	22.21	22.51	0.178	33.01	-10.50
10 MHz	$\pi/2$ BPSK	1882.5	0.30	1 / 23	19.31	19.61	0.091	33.01	-13.40
		1855.0	0.30	1 / 1	24.18	24.48	0.281	33.01	-8.53
		1910.0	0.30	1 / 1	24.07	24.37	0.274	33.01	-8.64
	QPSK	1855.0	0.30	1 / 50	24.13	24.43	0.277	33.01	-8.58
		1882.5	0.30	1 / 1	24.09	24.39	0.275	33.01	-8.62
		1910.0	0.30	1 / 25	24.18	24.48	0.281	33.01	-8.53
	16-QAM	1855.0	0.30	1 / 25	23.21	23.51	0.224	33.01	-9.50
	64-QAM	1882.5	0.30	1 / 50	22.16	22.46	0.176	33.01	-10.55
15 MHz	$\pi/2$ BPSK	1910.0	0.30	1 / 50	19.30	19.60	0.091	33.01	-13.41
		1857.5	0.30	1 / 77	24.17	24.47	0.280	33.01	-8.54
		1882.5	0.30	1 / 1	24.02	24.32	0.270	33.01	-8.69
	QPSK	1907.5	0.30	1 / 36	24.20	24.50	0.282	33.01	-8.51
		1857.5	0.30	1 / 36	24.17	24.47	0.280	33.01	-8.54
		1882.5	0.30	1 / 36	24.19	24.49	0.281	33.01	-8.52
	16-QAM	1907.5	0.30	1 / 77	24.16	24.46	0.279	33.01	-8.55
	64-QAM	1907.5	0.30	1 / 1	23.18	23.48	0.223	33.01	-9.53
20 MHz	$\pi/2$ BPSK	1907.5	0.30	1 / 77	22.13	22.43	0.175	33.01	-10.58
		1857.5	0.30	1 / 77	19.11	19.41	0.087	33.01	-13.60
		1860.0	0.30	1 / 50	24.12	24.42	0.277	33.01	-8.59
	QPSK	1882.5	0.30	1 / 50	24.14	24.44	0.278	33.01	-8.57
		1905.0	0.30	1 / 104	24.19	24.49	0.281	33.01	-8.52
		1860.0	0.30	1 / 50	24.02	24.32	0.270	33.01	-8.69
	16-QAM	1882.5	0.30	1 / 1	24.04	24.34	0.272	33.01	-8.67
	64-QAM	1905.0	0.30	1 / 104	24.20	24.50	0.282	33.01	-8.51
25 MHz	$\pi/2$ BPSK	1905.0	0.30	1 / 104	23.22	23.52	0.225	33.01	-9.49
		1882.5	0.30	1 / 104	22.19	22.49	0.177	33.01	-10.52
		1860.0	0.30	1 / 104	19.33	19.63	0.092	33.01	-13.38
	QPSK	1862.5	0.30	1 / 131	24.16	24.46	0.279	33.01	-8.55
		1882.5	0.30	1 / 131	24.07	24.37	0.274	33.01	-8.64
		1902.5	0.30	1 / 64	24.01	24.31	0.270	33.01	-8.70
	16-QAM	1862.5	0.30	1 / 64	24.20	24.50	0.282	33.01	-8.51
	64-QAM	1882.5	0.30	1 / 1	24.17	24.47	0.280	33.01	-8.54
30 MHz	$\pi/2$ BPSK	1902.5	0.30	1 / 64	24.14	24.44	0.278	33.01	-8.57
		1862.5	0.30	1 / 64	23.19	23.49	0.223	33.01	-9.52
		1902.5	0.30	1 / 64	22.21	22.51	0.178	33.01	-10.50
	QPSK	1882.5	0.30	1 / 64	19.28	19.58	0.091	33.01	-13.43
		1865.0	0.30	1 / 80	23.89	24.19	0.262	33.01	-8.82
		1900.0	0.30	1 / 158	24.06	24.36	0.273	33.01	-8.65
	16-QAM	1865.0	0.30	1 / 80	24.17	24.47	0.280	33.01	-8.54
	64-QAM	1900.0	0.30	1 / 80	24.20	24.50	0.282	33.01	-8.51
35 MHz	$\pi/2$ BPSK	1882.5	0.30	1 / 1	24.08	24.38	0.274	33.01	-8.63
		1900.0	0.30	1 / 158	24.12	24.42	0.277	33.01	-8.59
		1865.0	0.30	1 / 80	23.10	23.40	0.219	33.01	-9.61
	QPSK	1865.0	0.30	1 / 1	22.12	22.42	0.175	33.01	-10.59
		1865.0	0.30	1 / 1	19.17	19.47	0.089	33.01	-13.54
		1867.5	0.30	1 / 1	23.84	24.14	0.259	33.01	-8.87
	16-QAM	1882.5	0.30	1 / 186	23.96	24.26	0.267	33.01	-8.75
	64-QAM	1897.5	0.30	1 / 186	24.20	24.50	0.282	33.01	-8.51
40 MHz	$\pi/2$ BPSK	1867.5	0.30	1 / 186	24.11	24.41	0.276	33.01	-8.60
		1882.5	0.30	1 / 90	24.11	24.41	0.276	33.01	-8.60
		1897.5	0.30	1 / 186	23.85	24.15	0.260	33.01	-8.86
	QPSK	1897.5	0.30	1 / 90	23.07	23.37	0.217	33.01	-9.64
		1882.5	0.30	1 / 90	22.15	22.45	0.176	33.01	-10.56
		1897.5	0.30	1 / 186	19.26	19.56	0.090	33.01	-13.45
	16-QAM	1870.0	0.30	1 / 1	23.93	24.23	0.265	33.01	-8.78
	64-QAM	1882.5	0.30	1 / 214	24.20	24.50	0.282	33.01	-8.51
45 MHz	$\pi/2$ BPSK	1895.0	0.30	1 / 214	24.14	24.44	0.278	33.01	-8.57
		1870.0	0.30	1 / 1	24.13	24.43	0.277	33.01	-8.58
		1882.5	0.30	1 / 1	23.73	24.03	0.253	33.01	-8.98
	QPSK	1895.0	0.30	1 / 1	24.13	24.43	0.277	33.01	-8.58
		1882.5	0.30	1 / 108	23.15	23.45	0.221	33.01	-9.56
		1895.0	0.30	1 / 108	22.05	22.35	0.172	33.01	-10.66
	16-QAM	1895.0	0.30	1 / 214	19.27	19.57	0.091	33.01	-13.44
	64-QAM	1870.0	0.30	1 / 1	23.93	24.23	0.265	33.01	-8.78

Table 7-9. Antenna 2b EIRP Data (NR Band n25)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 184 of 220

V2.2 09/07/2023

NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.30	1 / 23	24.20	24.50	0.282	33.01	-8.51
		1880.0	0.30	1 / 12	23.99	24.29	0.269	33.01	-8.72
		1907.5	0.30	1 / 1	23.89	24.19	0.262	33.01	-8.82
	QPSK	1852.5	0.30	1 / 23	24.12	24.42	0.277	33.01	-8.59
		1880.0	0.30	1 / 1	24.14	24.44	0.278	33.01	-8.57
		1907.5	0.30	1 / 12	24.16	24.46	0.279	33.01	-8.55
	16-QAM	1907.5	0.30	1 / 1	23.13	23.43	0.220	33.01	-9.58
	64-QAM	1880.0	0.30	1 / 1	22.18	22.48	0.177	33.01	-10.53
	256-QAM	1852.5	0.30	1 / 23	19.24	19.54	0.090	33.01	-13.47
10 MHz	$\pi/2$ BPSK	1855.0	0.30	1 / 50	24.20	24.50	0.282	33.01	-8.51
		1880.0	0.30	1 / 25	23.99	24.29	0.269	33.01	-8.72
		1905.0	0.30	1 / 25	24.05	24.35	0.272	33.01	-8.66
	QPSK	1855.0	0.30	1 / 1	24.16	24.46	0.279	33.01	-8.55
		1880.0	0.30	1 / 1	24.00	24.30	0.269	33.01	-8.71
		1905.0	0.30	1 / 50	24.07	24.37	0.274	33.01	-8.64
	16-QAM	1905.0	0.30	1 / 1	23.21	23.51	0.224	33.01	-9.50
	64-QAM	1905.0	0.30	1 / 1	22.00	22.30	0.170	33.01	-10.71
	256-QAM	1855.0	0.30	1 / 1	19.19	19.49	0.089	33.01	-13.52
15 MHz	$\pi/2$ BPSK	1857.5	0.30	1 / 1	24.06	24.36	0.273	33.01	-8.65
		1880.0	0.30	1 / 1	24.19	24.49	0.281	33.01	-8.52
		1902.5	0.30	1 / 77	24.19	24.49	0.281	33.01	-8.52
	QPSK	1857.5	0.30	1 / 77	24.17	24.47	0.280	33.01	-8.54
		1880.0	0.30	1 / 36	24.14	24.44	0.278	33.01	-8.57
		1902.5	0.30	1 / 77	24.20	24.50	0.282	33.01	-8.51
	16-QAM	1857.5	0.30	1 / 1	23.22	23.52	0.225	33.01	-9.49
	64-QAM	1880.0	0.30	1 / 77	22.27	22.57	0.181	33.01	-10.44
	256-QAM	1880.0	0.30	1 / 1	19.38	19.68	0.093	33.01	-13.33
20 MHz	$\pi/2$ BPSK	1860.0	0.30	1 / 50	24.20	24.50	0.282	33.01	-8.51
		1880.0	0.30	1 / 50	24.04	24.34	0.272	33.01	-8.67
		1900.0	0.30	1 / 1	24.17	24.47	0.280	33.01	-8.54
	QPSK	1860.0	0.30	1 / 1	24.19	24.49	0.281	33.01	-8.52
		1880.0	0.30	1 / 1	24.12	24.42	0.277	33.01	-8.59
		1900.0	0.30	1 / 104	23.89	24.19	0.262	33.01	-8.82
	16-QAM	1900.0	0.30	1 / 1	23.19	23.49	0.223	33.01	-9.52
	64-QAM	1900.0	0.30	1 / 104	22.12	22.42	0.175	33.01	-10.59
	256-QAM	1880.0	0.30	1 / 50	19.31	19.61	0.091	33.01	-13.40

Table 7-10. Antenna 2b EIRP Data (NR Band n2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 185 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	24.18	0.30	24.48	0.281	33.01	-8.53
1880.00	WCDMA1900	24.19	0.30	24.49	0.281	33.01	-8.52
1907.60	WCDMA1900	24.20	0.30	24.50	0.282	33.01	-8.51

Table 7-11. Antenna 2b EIRP Data (WCDMA PCS)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 186 of 220

V2.2 09/07/2023

7.6.3 Antenna 3a – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.20	1 / 5	24.64	24.84	0.305	33.01	-8.17
		1882.5	0.20	1 / 0	24.62	24.82	0.303	33.01	-8.19
		1914.3	0.20	1 / 0	24.43	24.63	0.290	33.01	-8.38
	16-QAM	1882.5	0.20	1 / 0	23.96	24.16	0.261	33.01	-8.85
	64-QAM	1850.7	0.20	1 / 0	22.73	22.93	0.196	33.01	-10.08
	256-QAM	1850.7	0.20	1 / 0	19.71	19.91	0.098	33.01	-13.10
3 MHz	QPSK	1851.5	0.20	1 / 0	24.43	24.63	0.290	33.01	-8.38
		1882.5	0.20	1 / 0	24.58	24.78	0.301	33.01	-8.23
		1913.5	0.20	1 / 0	24.41	24.61	0.289	33.01	-8.40
	16-QAM	1882.5	0.20	1 / 0	23.94	24.14	0.259	33.01	-8.87
	64-QAM	1882.5	0.20	1 / 0	22.75	22.95	0.197	33.01	-10.06
	256-QAM	1913.5	0.20	1 / 0	19.91	20.11	0.103	33.01	-12.90
5 MHz	QPSK	1852.5	0.20	1 / 0	24.70	24.90	0.309	33.01	-8.11
		1882.5	0.20	1 / 0	24.70	24.90	0.309	33.01	-8.11
		1912.5	0.20	1 / 0	24.49	24.69	0.294	33.01	-8.32
	16-QAM	1882.5	0.20	1 / 0	24.05	24.25	0.266	33.01	-8.76
	64-QAM	1852.5	0.20	1 / 0	22.71	22.91	0.195	33.01	-10.10
	256-QAM	1852.5	0.20	1 / 0	19.76	19.96	0.099	33.01	-13.05
10 MHz	QPSK	1855.0	0.20	1 / 25	24.49	24.69	0.294	33.01	-8.32
		1882.5	0.20	1 / 0	24.49	24.69	0.294	33.01	-8.32
		1910.0	0.20	1 / 25	24.34	24.54	0.284	33.01	-8.47
	16-QAM	1910.0	0.20	1 / 49	23.93	24.13	0.259	33.01	-8.88
	64-QAM	1855.0	0.20	1 / 0	22.73	22.93	0.196	33.01	-10.08
	256-QAM	1855.0	0.20	1 / 0	19.72	19.92	0.098	33.01	-13.09
15 MHz	QPSK	1857.5	0.20	1 / 0	24.42	24.62	0.290	33.01	-8.39
		1882.5	0.20	1 / 0	24.41	24.61	0.289	33.01	-8.40
		1907.5	0.20	1 / 0	24.21	24.41	0.276	33.01	-8.60
	16-QAM	1857.5	0.20	1 / 0	23.73	23.93	0.247	33.01	-9.08
	64-QAM	1882.5	0.20	1 / 0	22.54	22.74	0.188	33.01	-10.27
	256-QAM	1882.5	0.20	1 / 0	19.54	19.74	0.094	33.01	-13.27
	QPSK	1860.0	0.20	1 / 0	24.42	24.62	0.290	33.01	-8.39
		1882.5	0.20	1 / 0	24.23	24.43	0.277	33.01	-8.58
		1905.0	0.20	1 / 0	24.38	24.58	0.287	33.01	-8.43
	16-QAM	1905.0	0.20	1 / 0	24.01	24.21	0.264	33.01	-8.80
	64-QAM	1860.0	0.20	1 / 0	22.59	22.79	0.190	33.01	-10.22
	256-QAM	1860.0	0.20	1 / 0	19.57	19.77	0.095	33.01	-13.24

Table 7-12. Antenna 3a EIRP Data (LTE Band 25)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 187 of 220

V2.2 09/07/2023

LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.20	1 / 5	24.64	24.84	0.305	33.01	-8.17
		1880.0	0.20	1 / 0	24.59	24.79	0.301	33.01	-8.22
		1909.3	0.20	1 / 5	24.33	24.53	0.284	33.01	-8.48
	16-QAM	1880.0	0.20	1 / 5	23.87	24.07	0.255	33.01	-8.94
	64-QAM	1850.7	0.20	1 / 3	22.89	23.09	0.204	33.01	-9.92
	256-QAM	1880.0	0.20	1 / 0	19.81	20.01	0.100	33.01	-13.00
3 MHz	QPSK	1851.5	0.20	1 / 0	24.43	24.63	0.290	33.01	-8.38
		1880.0	0.20	1 / 0	24.55	24.75	0.299	33.01	-8.26
		1908.5	0.20	1 / 0	24.31	24.51	0.282	33.01	-8.50
	16-QAM	1880.0	0.20	1 / 0	23.87	24.07	0.255	33.01	-8.94
	64-QAM	1851.5	0.20	1 / 0	22.84	23.04	0.201	33.01	-9.97
	256-QAM	1880.0	0.20	1 / 0	19.85	20.05	0.101	33.01	-12.96
5 MHz	QPSK	1852.5	0.20	1 / 0	24.64	24.84	0.305	33.01	-8.17
		1880.0	0.20	1 / 0	24.70	24.90	0.309	33.01	-8.11
		1907.5	0.20	1 / 0	24.31	24.51	0.282	33.01	-8.50
	16-QAM	1880.0	0.20	1 / 0	24.05	24.25	0.266	33.01	-8.76
	64-QAM	1880.0	0.20	1 / 0	22.94	23.14	0.206	33.01	-9.87
	256-QAM	1880.0	0.20	1 / 0	19.66	19.86	0.097	33.01	-13.15
10 MHz	QPSK	1855.0	0.20	1 / 0	24.44	24.64	0.291	33.01	-8.37
		1880.0	0.20	1 / 0	24.51	24.71	0.296	33.01	-8.30
		1905.0	0.20	1 / 25	24.45	24.65	0.292	33.01	-8.36
	16-QAM	1905.0	0.20	1 / 25	23.85	24.05	0.254	33.01	-8.96
	64-QAM	1855.0	0.20	1 / 25	22.82	23.02	0.200	33.01	-9.99
	256-QAM	1905.0	0.20	1 / 0	19.70	19.90	0.098	33.01	-13.11
15 MHz	QPSK	1857.5	0.20	1 / 0	24.41	24.61	0.289	33.01	-8.40
		1880.0	0.20	1 / 37	24.41	24.61	0.289	33.01	-8.40
		1902.5	0.20	1 / 0	24.62	24.82	0.303	33.01	-8.19
	16-QAM	1902.5	0.20	1 / 0	23.65	23.85	0.243	33.01	-9.16
	64-QAM	1857.5	0.20	1 / 0	22.59	22.79	0.190	33.01	-10.22
	256-QAM	1880.0	0.20	1 / 74	19.57	19.77	0.095	33.01	-13.24
20 MHz	QPSK	1860.0	0.20	1 / 0	24.39	24.59	0.288	33.01	-8.42
		1880.0	0.20	1 / 0	24.37	24.57	0.286	33.01	-8.44
		1900.0	0.20	1 / 0	24.37	24.57	0.286	33.01	-8.44
	16-QAM	1880.0	0.20	1 / 0	23.86	24.06	0.255	33.01	-8.95
	64-QAM	1880.0	0.20	1 / 0	22.84	23.04	0.201	33.01	-9.97
	256-QAM	1860.0	0.20	1 / 0	19.57	19.77	0.095	33.01	-13.24

Table 7-13. Antenna 3a EIRP Data (LTE Band 2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 188 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.20	1 / 12	24.65	24.85	0.305	33.01	-8.16
		1882.5	0.20	1 / 12	24.66	24.86	0.306	33.01	-8.15
		1912.5	0.20	1 / 23	24.59	24.79	0.301	33.01	-8.22
	QPSK	1852.5	0.20	1 / 12	24.53	24.73	0.297	33.01	-8.28
		1882.5	0.20	1 / 23	24.49	24.69	0.294	33.01	-8.32
		1912.5	0.20	1 / 1	24.70	24.90	0.309	33.01	-8.11
	16-QAM	1912.5	0.20	1 / 23	23.73	23.93	0.247	33.01	-9.08
	64-QAM	1912.5	0.20	1 / 12	22.73	22.93	0.196	33.01	-10.08
10 MHz	$\pi/2$ BPSK	1882.5	0.20	1 / 1	19.81	20.01	0.100	33.01	-13.00
		1855.0	0.20	1 / 25	24.46	24.66	0.292	33.01	-8.35
		1910.0	0.20	1 / 1	24.59	24.79	0.301	33.01	-8.22
	QPSK	1855.0	0.20	1 / 50	24.64	24.84	0.305	33.01	-8.17
		1882.5	0.20	1 / 50	24.68	24.88	0.308	33.01	-8.13
		1910.0	0.20	1 / 50	24.64	24.84	0.305	33.01	-8.17
	16-QAM	1882.5	0.20	1 / 50	23.68	23.88	0.244	33.01	-9.13
	64-QAM	1910.0	0.20	1 / 50	22.67	22.87	0.194	33.01	-10.14
15 MHz	$\pi/2$ BPSK	1855.0	0.20	1 / 25	19.73	19.93	0.098	33.01	-13.08
		1882.5	0.20	1 / 36	24.48	24.68	0.294	33.01	-8.33
		1907.5	0.20	1 / 1	24.59	24.79	0.301	33.01	-8.22
	QPSK	1857.5	0.20	1 / 36	24.69	24.89	0.308	33.01	-8.12
		1882.5	0.20	1 / 36	24.65	24.85	0.305	33.01	-8.16
		1907.5	0.20	1 / 1	24.70	24.90	0.309	33.01	-8.11
	16-QAM	1882.5	0.20	1 / 36	23.55	23.75	0.237	33.01	-9.26
	64-QAM	1857.5	0.20	1 / 36	22.67	22.87	0.194	33.01	-10.14
20 MHz	$\pi/2$ BPSK	1882.5	0.20	1 / 36	19.74	19.94	0.099	33.01	-13.07
		1860.0	0.20	1 / 1	24.65	24.85	0.305	33.01	-8.16
		1882.5	0.20	1 / 1	24.66	24.86	0.306	33.01	-8.15
	QPSK	1905.0	0.20	1 / 1	24.34	24.54	0.284	33.01	-8.47
		1860.0	0.20	1 / 104	24.70	24.90	0.309	33.01	-8.11
		1882.5	0.20	1 / 1	24.64	24.84	0.305	33.01	-8.17
	16-QAM	1905.0	0.20	1 / 50	24.48	24.68	0.294	33.01	-8.33
	64-QAM	1860.0	0.20	1 / 1	23.68	23.88	0.244	33.01	-9.13
25 MHz	$\pi/2$ BPSK	1905.0	0.20	1 / 104	22.63	22.83	0.192	33.01	-10.18
		1882.5	0.20	1 / 104	19.80	20.00	0.100	33.01	-13.01
		1862.5	0.20	1 / 1	24.70	24.90	0.309	33.01	-8.11
	QPSK	1862.5	0.20	1 / 1	24.68	24.88	0.308	33.01	-8.13
		1902.5	0.20	1 / 64	24.70	24.90	0.309	33.01	-8.11
		1862.5	0.20	1 / 1	24.53	24.73	0.297	33.01	-8.28
	16-QAM	1882.5	0.20	1 / 1	24.64	24.84	0.305	33.01	-8.17
	64-QAM	1902.5	0.20	1 / 131	24.57	24.77	0.300	33.01	-8.24
30 MHz	$\pi/2$ BPSK	1862.5	0.20	1 / 131	23.64	23.84	0.242	33.01	-9.17
		1862.5	0.20	1 / 131	22.77	22.97	0.198	33.01	-10.04
		1862.5	0.20	1 / 64	19.81	20.01	0.100	33.01	-13.00
	QPSK	1865.0	0.20	1 / 1	24.69	24.89	0.308	33.01	-8.12
		1882.5	0.20	1 / 80	24.68	24.88	0.308	33.01	-8.13
		1900.0	0.20	1 / 80	24.70	24.90	0.309	33.01	-8.11
	16-QAM	1865.0	0.20	1 / 1	24.67	24.87	0.307	33.01	-8.14
	64-QAM	1882.5	0.20	1 / 1	24.47	24.67	0.293	33.01	-8.34
35 MHz	$\pi/2$ BPSK	1900.0	0.20	1 / 158	24.66	24.86	0.306	33.01	-8.15
		1882.5	0.20	1 / 1	23.69	23.89	0.245	33.01	-9.12
		1900.0	0.20	1 / 158	22.68	22.88	0.194	33.01	-10.13
	QPSK	1882.5	0.20	1 / 1	19.78	19.98	0.100	33.01	-13.03
		1867.5	0.20	1 / 90	24.68	24.88	0.308	33.01	-8.13
		1882.5	0.20	1 / 1	24.56	24.76	0.299	33.01	-8.25
	16-QAM	1897.5	0.20	1 / 186	24.63	24.83	0.304	33.01	-8.18
	64-QAM	1867.5	0.20	1 / 90	24.64	24.84	0.305	33.01	-8.17
40 MHz	$\pi/2$ BPSK	1882.5	0.20	1 / 90	24.60	24.80	0.302	33.01	-8.21
		1897.5	0.20	1 / 186	24.70	24.90	0.309	33.01	-8.11
		1897.5	0.20	1 / 186	23.70	23.90	0.245	33.01	-9.11
	QPSK	1897.5	0.20	1 / 1	22.70	22.90	0.195	33.01	-10.11
		1897.5	0.20	1 / 1	19.76	19.96	0.099	33.01	-13.05
	16-QAM	1897.5	0.20	1 / 186	23.68	23.88	0.244	33.01	-9.13
	64-QAM	1870.0	0.20	1 / 214	22.69	22.89	0.195	33.01	-10.12
	256-QAM	1882.5	0.20	1 / 214	19.71	19.91	0.098	33.01	-13.10

Table 7-14. Antenna 3a EIRP Data (NR Band n25)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 189 of 220

V2.2 09/07/2023

NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.20	1 / 1	24.58	24.78	0.301	33.01	-8.23
		1880.0	0.20	1 / 1	24.58	24.78	0.301	33.01	-8.23
		1907.5	0.20	1 / 1	24.70	24.90	0.309	33.01	-8.11
	QPSK	1852.5	0.20	1 / 23	24.55	24.75	0.299	33.01	-8.26
		1880.0	0.20	1 / 12	24.61	24.81	0.303	33.01	-8.20
		1907.5	0.20	1 / 23	24.66	24.86	0.306	33.01	-8.15
	16-QAM	1852.5	0.20	1 / 1	23.57	23.77	0.238	33.01	-9.24
	64-QAM	1907.5	0.20	1 / 12	22.73	22.93	0.196	33.01	-10.08
	256-QAM	1880.0	0.20	1 / 12	19.80	20.00	0.100	33.01	-13.01
10 MHz	$\pi/2$ BPSK	1855.0	0.20	1 / 50	24.35	24.55	0.285	33.01	-8.46
		1880.0	0.20	1 / 50	24.38	24.58	0.287	33.01	-8.43
		1905.0	0.20	1 / 1	24.59	24.79	0.301	33.01	-8.22
	QPSK	1855.0	0.20	1 / 25	24.70	24.90	0.309	33.01	-8.11
		1880.0	0.20	1 / 1	24.68	24.88	0.308	33.01	-8.13
		1905.0	0.20	1 / 25	24.68	24.88	0.308	33.01	-8.13
	16-QAM	1905.0	0.20	1 / 25	23.70	23.90	0.245	33.01	-9.11
	64-QAM	1905.0	0.20	1 / 25	22.60	22.80	0.191	33.01	-10.21
	256-QAM	1880.0	0.20	1 / 50	19.58	19.78	0.095	33.01	-13.23
15 MHz	$\pi/2$ BPSK	1857.5	0.20	1 / 1	24.70	24.90	0.309	33.01	-8.11
		1880.0	0.20	1 / 1	24.58	24.78	0.301	33.01	-8.23
		1902.5	0.20	1 / 77	24.63	24.83	0.304	33.01	-8.18
	QPSK	1857.5	0.20	1 / 1	24.59	24.79	0.301	33.01	-8.22
		1880.0	0.20	1 / 36	24.60	24.80	0.302	33.01	-8.21
		1902.5	0.20	1 / 77	24.69	24.89	0.308	33.01	-8.12
	16-QAM	1880.0	0.20	1 / 77	23.68	23.88	0.244	33.01	-9.13
	64-QAM	1880.0	0.20	1 / 77	22.67	22.87	0.194	33.01	-10.14
	256-QAM	1857.5	0.20	1 / 1	19.73	19.93	0.098	33.01	-13.08
20 MHz	$\pi/2$ BPSK	1860.0	0.20	1 / 50	24.66	24.86	0.306	33.01	-8.15
		1880.0	0.20	1 / 104	24.43	24.63	0.290	33.01	-8.38
		1900.0	0.20	1 / 104	24.70	24.90	0.309	33.01	-8.11
	QPSK	1860.0	0.20	1 / 50	24.66	24.86	0.306	33.01	-8.15
		1880.0	0.20	1 / 50	24.65	24.85	0.305	33.01	-8.16
		1900.0	0.20	1 / 104	24.36	24.56	0.286	33.01	-8.45
	16-QAM	1860.0	0.20	1 / 50	23.67	23.87	0.244	33.01	-9.14
	64-QAM	1860.0	0.20	1 / 104	22.56	22.76	0.189	33.01	-10.25
	256-QAM	1880.0	0.20	1 / 1	19.72	19.92	0.098	33.01	-13.09

Table 7-15. Antenna 3a EIRP Data (NR Band n2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 190 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	24.70	0.20	24.90	0.309	33.01	-8.11
1880.00	WCDMA1900	24.56	0.20	24.76	0.299	33.01	-8.25
1907.60	WCDMA1900	24.50	0.20	24.70	0.295	33.01	-8.31

Table 7-16. Antenna 3a EIRP Data (WCDMA PCS)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 191 of 220

V2.2 09/07/2023

7.6.4 Antenna 1b – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	-0.30	1 / 0	23.55	23.25	0.211	33.01	-9.76
		1882.5	-0.30	1 / 0	23.59	23.29	0.213	33.01	-9.72
		1914.3	-0.30	1 / 0	23.47	23.17	0.207	33.01	-9.84
	16-QAM	1914.3	-0.30	1 / 0	22.84	22.54	0.179	33.01	-10.47
	64-QAM	1882.5	-0.30	1 / 0	21.82	21.52	0.142	33.01	-11.49
	256-QAM	1882.5	-0.30	1 / 0	18.73	18.43	0.070	33.01	-14.58
3 MHz	QPSK	1851.5	-0.30	1 / 0	23.31	23.01	0.200	33.01	-10.00
		1882.5	-0.30	1 / 0	23.56	23.26	0.212	33.01	-9.75
		1913.5	-0.30	1 / 0	23.62	23.32	0.215	33.01	-9.69
	16-QAM	1913.5	-0.30	1 / 0	23.04	22.74	0.188	33.01	-10.27
	64-QAM	1913.5	-0.30	1 / 0	21.67	21.37	0.137	33.01	-11.64
	256-QAM	1882.5	-0.30	1 / 0	18.87	18.57	0.072	33.01	-14.44
5 MHz	QPSK	1852.5	-0.30	1 / 0	23.55	23.25	0.211	33.01	-9.76
		1882.5	-0.30	1 / 0	23.70	23.40	0.219	33.01	-9.61
		1912.5	-0.30	1 / 0	23.50	23.20	0.209	33.01	-9.81
	16-QAM	1882.5	-0.30	1 / 0	22.96	22.66	0.185	33.01	-10.35
	64-QAM	1912.5	-0.30	1 / 0	21.77	21.47	0.140	33.01	-11.54
	256-QAM	1852.5	-0.30	1 / 0	18.82	18.52	0.071	33.01	-14.49
10 MHz	QPSK	1855.0	-0.30	1 / 0	23.43	23.13	0.206	33.01	-9.88
		1882.5	-0.30	1 / 0	23.50	23.20	0.209	33.01	-9.81
		1910.0	-0.30	1 / 25	23.48	23.18	0.208	33.01	-9.83
	16-QAM	1910.0	-0.30	1 / 25	22.95	22.65	0.184	33.01	-10.36
	64-QAM	1882.5	-0.30	1 / 49	21.79	21.49	0.141	33.01	-11.52
	256-QAM	1910.0	-0.30	1 / 0	18.78	18.48	0.070	33.01	-14.53
15 MHz	QPSK	1857.5	-0.30	1 / 0	23.33	23.03	0.201	33.01	-9.98
		1882.5	-0.30	1 / 74	23.36	23.06	0.202	33.01	-9.95
		1907.5	-0.30	1 / 0	23.37	23.07	0.203	33.01	-9.94
	16-QAM	1907.5	-0.30	1 / 0	22.73	22.43	0.175	33.01	-10.58
	64-QAM	1907.5	-0.30	1 / 0	21.51	21.21	0.132	33.01	-11.80
	256-QAM	1907.5	-0.30	1 / 0	18.65	18.35	0.068	33.01	-14.66
20 MHz	QPSK	1860.0	-0.30	1 / 99	23.25	22.95	0.197	33.01	-10.06
		1882.5	-0.30	1 / 0	23.13	22.83	0.192	33.01	-10.18
		1905.0	-0.30	1 / 0	23.49	23.19	0.208	33.01	-9.82
	16-QAM	1905.0	-0.30	1 / 0	23.05	22.75	0.188	33.01	-10.26
	64-QAM	1860.0	-0.30	1 / 0	21.53	21.23	0.133	33.01	-11.78
	256-QAM	1882.5	-0.30	1 / 99	18.62	18.32	0.068	33.01	-14.69

Table 7-17. Antenna 1b EIRP Data (LTE Band 25)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 192 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	-0.30	1 / 0	23.63	23.33	0.215	33.01	-9.68
		1880.0	-0.30	1 / 0	23.66	23.36	0.217	33.01	-9.65
		1909.3	-0.30	1 / 3	23.58	23.28	0.213	33.01	-9.73
	16-QAM	1909.3	-0.30	1 / 5	22.68	22.38	0.173	33.01	-10.63
	64-QAM	1850.7	-0.30	1 / 5	21.70	21.40	0.138	33.01	-11.61
	256-QAM	1880.0	-0.30	1 / 5	18.72	18.42	0.070	33.01	-14.59
3 MHz	QPSK	1851.5	-0.30	1 / 0	23.61	23.31	0.214	33.01	-9.70
		1880.0	-0.30	1 / 7	23.70	23.40	0.219	33.01	-9.61
		1908.5	-0.30	1 / 7	23.61	23.31	0.214	33.01	-9.70
	16-QAM	1908.5	-0.30	1 / 0	22.73	22.43	0.175	33.01	-10.58
	64-QAM	1851.5	-0.30	1 / 0	21.53	21.23	0.133	33.01	-11.78
	256-QAM	1851.5	-0.30	1 / 14	18.78	18.48	0.070	33.01	-14.53
5 MHz	QPSK	1852.5	-0.30	1 / 12	23.62	23.32	0.215	33.01	-9.69
		1880.0	-0.30	1 / 12	23.54	23.24	0.211	33.01	-9.77
		1907.5	-0.30	1 / 12	23.64	23.34	0.216	33.01	-9.67
	16-QAM	1880.0	-0.30	1 / 12	22.73	22.43	0.175	33.01	-10.58
	64-QAM	1880.0	-0.30	1 / 0	21.71	21.41	0.138	33.01	-11.60
	256-QAM	1880.0	-0.30	1 / 0	18.73	18.43	0.070	33.01	-14.58
10 MHz	QPSK	1855.0	-0.30	1 / 25	23.56	23.26	0.212	33.01	-9.75
		1880.0	-0.30	1 / 0	23.62	23.32	0.215	33.01	-9.69
		1905.0	-0.30	1 / 49	23.57	23.27	0.212	33.01	-9.74
	16-QAM	1855.0	-0.30	1 / 0	22.60	22.30	0.170	33.01	-10.71
	64-QAM	1905.0	-0.30	1 / 0	21.72	21.42	0.139	33.01	-11.59
	256-QAM	1880.0	-0.30	1 / 49	18.81	18.51	0.071	33.01	-14.50
15 MHz	QPSK	1857.5	-0.30	1 / 0	23.59	23.29	0.213	33.01	-9.72
		1880.0	-0.30	1 / 0	23.64	23.34	0.216	33.01	-9.67
		1902.5	-0.30	1 / 74	23.66	23.36	0.217	33.01	-9.65
	16-QAM	1857.5	-0.30	1 / 0	22.69	22.39	0.173	33.01	-10.62
	64-QAM	1857.5	-0.30	1 / 74	21.58	21.28	0.134	33.01	-11.73
	256-QAM	1902.5	-0.30	1 / 0	18.80	18.50	0.071	33.01	-14.51
20 MHz	QPSK	1860.0	-0.30	1 / 50	23.60	23.30	0.214	33.01	-9.71
		1880.0	-0.30	1 / 50	23.56	23.26	0.212	33.01	-9.75
		1900.0	-0.30	1 / 99	23.61	23.31	0.214	33.01	-9.70
	16-QAM	1900.0	-0.30	1 / 50	22.74	22.44	0.175	33.01	-10.57
	64-QAM	1880.0	-0.30	1 / 99	21.73	21.43	0.139	33.01	-11.58
	256-QAM	1860.0	-0.30	1 / 0	18.84	18.54	0.071	33.01	-14.47

Table 7-18. Antenna 1b EIRP Data (LTE Band 2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 193 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	-0.30	1 / 12	23.51	23.21	0.209	33.01	-9.80
		1882.5	-0.30	1 / 1	23.68	23.38	0.218	33.01	-9.63
		1912.5	-0.30	1 / 23	23.65	23.35	0.216	33.01	-9.66
	QPSK	1852.5	-0.30	1 / 12	23.45	23.15	0.207	33.01	-9.86
		1882.5	-0.30	1 / 1	23.45	23.15	0.207	33.01	-9.86
		1912.5	-0.30	1 / 12	23.70	23.40	0.219	33.01	-9.61
	16-QAM	1912.5	-0.30	1 / 1	22.71	22.41	0.174	33.01	-10.60
	64-QAM	1852.5	-0.30	1 / 12	21.61	21.31	0.135	33.01	-11.70
10 MHz	$\pi/2$ BPSK	1852.5	-0.30	1 / 1	18.84	18.54	0.071	33.01	-14.47
		1882.5	-0.30	1 / 50	23.25	22.95	0.197	33.01	-10.06
		1910.0	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
	QPSK	1855.0	-0.30	1 / 25	23.65	23.35	0.216	33.01	-9.66
		1882.5	-0.30	1 / 50	23.69	23.39	0.218	33.01	-9.62
		1910.0	-0.30	1 / 50	23.56	23.26	0.212	33.01	-9.75
	16-QAM	1882.5	-0.30	1 / 25	22.70	22.40	0.174	33.01	-10.61
	64-QAM	1882.5	-0.30	1 / 25	21.67	21.37	0.137	33.01	-11.64
15 MHz	$\pi/2$ BPSK	1882.5	-0.30	1 / 1	18.75	18.45	0.070	33.01	-14.56
		1855.0	-0.30	1 / 77	23.67	23.37	0.217	33.01	-9.64
		1907.5	-0.30	1 / 36	23.69	23.39	0.218	33.01	-9.62
	QPSK	1857.5	-0.30	1 / 77	23.46	23.16	0.207	33.01	-9.85
		1882.5	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
		1907.5	-0.30	1 / 36	23.70	23.40	0.219	33.01	-9.61
	16-QAM	1882.5	-0.30	1 / 77	22.67	22.37	0.173	33.01	-10.64
	64-QAM	1857.5	-0.30	1 / 36	21.71	21.41	0.138	33.01	-11.60
20 MHz	$\pi/2$ BPSK	1857.5	-0.30	1 / 1	18.76	18.46	0.070	33.01	-14.55
		1882.5	-0.30	1 / 1	23.62	23.32	0.215	33.01	-9.69
		1905.0	-0.30	1 / 1	23.55	23.25	0.211	33.01	-9.76
	QPSK	1860.0	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
		1882.5	-0.30	1 / 50	23.50	23.20	0.209	33.01	-9.81
		1905.0	-0.30	1 / 104	23.56	23.26	0.212	33.01	-9.75
	16-QAM	1860.0	-0.30	1 / 104	23.65	23.35	0.216	33.01	-9.66
	64-QAM	1860.0	-0.30	1 / 1	22.54	22.24	0.167	33.01	-10.77
25 MHz	$\pi/2$ BPSK	1860.0	-0.30	1 / 1	21.57	21.27	0.134	33.01	-11.74
		1882.5	-0.30	1 / 50	18.71	18.41	0.069	33.01	-14.60
		1905.0	-0.30	1 / 50	23.66	23.36	0.217	33.01	-9.65
	QPSK	1862.5	-0.30	1 / 131	23.66	23.36	0.217	33.01	-9.65
		1882.5	-0.30	1 / 131	23.62	23.32	0.215	33.01	-9.69
		1902.5	-0.30	1 / 64	23.62	23.32	0.215	33.01	-9.69
	16-QAM	1862.5	-0.30	1 / 1	23.55	23.25	0.211	33.01	-9.76
	64-QAM	1882.5	-0.30	1 / 64	23.53	23.23	0.210	33.01	-9.78
30 MHz	$\pi/2$ BPSK	1862.5	-0.30	1 / 131	23.70	23.40	0.219	33.01	-9.61
		1882.5	-0.30	1 / 131	23.70	23.40	0.219	33.01	-9.61
		1902.5	-0.30	1 / 131	23.70	23.40	0.219	33.01	-9.61
	QPSK	1862.5	-0.30	1 / 64	22.71	22.41	0.174	33.01	-10.60
		1882.5	-0.30	1 / 64	21.74	21.44	0.139	33.01	-11.57
		1882.5	-0.30	1 / 1	18.85	18.55	0.072	33.01	-14.46
	16-QAM	1865.0	-0.30	1 / 1	23.67	23.37	0.217	33.01	-9.64
	64-QAM	1865.0	-0.30	1 / 158	23.70	23.40	0.219	33.01	-9.61
35 MHz	$\pi/2$ BPSK	1900.0	-0.30	1 / 158	23.59	23.29	0.213	33.01	-9.72
		1865.0	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
		1882.5	-0.30	1 / 158	23.53	23.23	0.210	33.01	-9.78
	QPSK	1900.0	-0.30	1 / 158	23.50	23.20	0.209	33.01	-9.81
		1865.0	-0.30	1 / 1	22.51	22.21	0.166	33.01	-10.80
		1882.5	-0.30	1 / 158	21.57	21.27	0.134	33.01	-11.74
	16-QAM	1900.0	-0.30	1 / 158	18.79	18.49	0.071	33.01	-14.52
	64-QAM	1867.5	-0.30	1 / 186	23.50	23.20	0.209	33.01	-9.81
40 MHz	$\pi/2$ BPSK	1882.5	-0.30	1 / 186	23.57	23.27	0.212	33.01	-9.74
		1897.5	-0.30	1 / 186	23.49	23.19	0.208	33.01	-9.82
		1867.5	-0.30	1 / 1	23.64	23.34	0.216	33.01	-9.67
	QPSK	1882.5	-0.30	1 / 1	23.59	23.29	0.213	33.01	-9.72
		1897.5	-0.30	1 / 90	23.70	23.40	0.219	33.01	-9.61
		1867.5	-0.30	1 / 90	22.79	22.49	0.177	33.01	-10.52
	16-QAM	1897.5	-0.30	1 / 186	21.72	21.42	0.139	33.01	-11.59
	64-QAM	1867.5	-0.30	1 / 1	18.80	18.50	0.071	33.01	-14.51
40 MHz	$\pi/2$ BPSK	1870.0	-0.30	1 / 1	23.61	23.31	0.214	33.01	-9.70
		1882.5	-0.30	1 / 214	23.61	23.31	0.214	33.01	-9.70
		1895.0	-0.30	1 / 108	23.49	23.19	0.208	33.01	-9.82
	QPSK	1870.0	-0.30	1 / 1	23.49	23.19	0.208	33.01	-9.82
		1882.5	-0.30	1 / 1	23.40	23.10	0.204	33.01	-9.91
		1895.0	-0.30	1 / 214	23.70	23.40	0.219	33.01	-9.61
	16-QAM	1870.0	-0.30	1 / 1	22.62	22.32	0.171	33.01	-10.69
	64-QAM	1870.0	-0.30	1 / 1	21.64	21.34	0.136	33.01	-11.67
40 MHz	256-QAM	1870.0	-0.30	1 / 214	18.74	18.44	0.070	33.01	-14.57

Table 7-19. Antenna 1b EIRP Data (NR Band n25)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 194 of 220

V2.2 09/07/2023

NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	-0.30	1 / 1	23.67	23.37	0.217	33.01	-9.64
		1880.0	-0.30	1 / 12	23.66	23.36	0.217	33.01	-9.65
		1907.5	-0.30	1 / 23	23.63	23.33	0.215	33.01	-9.68
	QPSK	1852.5	-0.30	1 / 1	23.68	23.38	0.218	33.01	-9.63
		1880.0	-0.30	1 / 23	23.62	23.32	0.215	33.01	-9.69
		1907.5	-0.30	1 / 23	23.70	23.40	0.219	33.01	-9.61
	16-QAM	1852.5	-0.30	1 / 1	22.71	22.41	0.174	33.01	-10.60
	64-QAM	1852.5	-0.30	1 / 1	21.73	21.43	0.139	33.01	-11.58
	256-QAM	1880.0	-0.30	1 / 12	18.86	18.56	0.072	33.01	-14.45
10 MHz	$\pi/2$ BPSK	1855.0	-0.30	1 / 25	23.57	23.27	0.212	33.01	-9.74
		1880.0	-0.30	1 / 25	23.60	23.30	0.214	33.01	-9.71
		1905.0	-0.30	1 / 25	23.54	23.24	0.211	33.01	-9.77
	QPSK	1855.0	-0.30	1 / 50	23.69	23.39	0.218	33.01	-9.62
		1880.0	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
		1905.0	-0.30	1 / 50	23.70	23.40	0.219	33.01	-9.61
	16-QAM	1880.0	-0.30	1 / 1	22.64	22.34	0.171	33.01	-10.67
	64-QAM	1855.0	-0.30	1 / 50	21.65	21.35	0.136	33.01	-11.66
	256-QAM	1855.0	-0.30	1 / 50	18.80	18.50	0.071	33.01	-14.51
15 MHz	$\pi/2$ BPSK	1857.5	-0.30	1 / 77	23.52	23.22	0.210	33.01	-9.79
		1880.0	-0.30	1 / 1	23.54	23.24	0.211	33.01	-9.77
		1902.5	-0.30	1 / 36	23.52	23.22	0.210	33.01	-9.79
	QPSK	1857.5	-0.30	1 / 36	23.45	23.15	0.207	33.01	-9.86
		1880.0	-0.30	1 / 77	23.70	23.40	0.219	33.01	-9.61
		1902.5	-0.30	1 / 36	23.60	23.30	0.214	33.01	-9.71
	16-QAM	1880.0	-0.30	1 / 36	22.71	22.41	0.174	33.01	-10.60
	64-QAM	1880.0	-0.30	1 / 1	21.64	21.34	0.136	33.01	-11.67
	256-QAM	1857.5	-0.30	1 / 77	18.77	18.47	0.070	33.01	-14.54
20 MHz	$\pi/2$ BPSK	1860.0	-0.30	1 / 104	23.69	23.39	0.218	33.01	-9.62
		1880.0	-0.30	1 / 1	23.68	23.38	0.218	33.01	-9.63
		1900.0	-0.30	1 / 1	23.54	23.24	0.211	33.01	-9.77
	QPSK	1860.0	-0.30	1 / 1	23.70	23.40	0.219	33.01	-9.61
		1880.0	-0.30	1 / 1	23.57	23.27	0.212	33.01	-9.74
		1900.0	-0.30	1 / 1	23.67	23.37	0.217	33.01	-9.64
	16-QAM	1860.0	-0.30	1 / 1	22.71	22.41	0.174	33.01	-10.60
	64-QAM	1880.0	-0.30	1 / 50	21.65	21.35	0.136	33.01	-11.66
	256-QAM	1880.0	-0.30	1 / 50	18.72	18.42	0.070	33.01	-14.59

Table 7-20. Antenna 1b EIRP Data (NR Band n2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 195 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	23.34	-0.30	23.04	0.201	33.01	-9.97
1880.00	WCDMA1900	23.35	-0.30	23.05	0.202	33.01	-9.96
1907.60	WCDMA1900	23.53	-0.30	23.23	0.210	33.01	-9.78

Table 7-21. Antenna 1b EIRP Data (WCDMA PCS)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 196 of 220

V2.2 09/07/2023

7.7 Radiated Spurious Emissions

§2.1053, 24.238(a)

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in KDB 971168 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

Test Settings

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

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 197 of 220

V2.2 09/07/2023

Test Setup

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

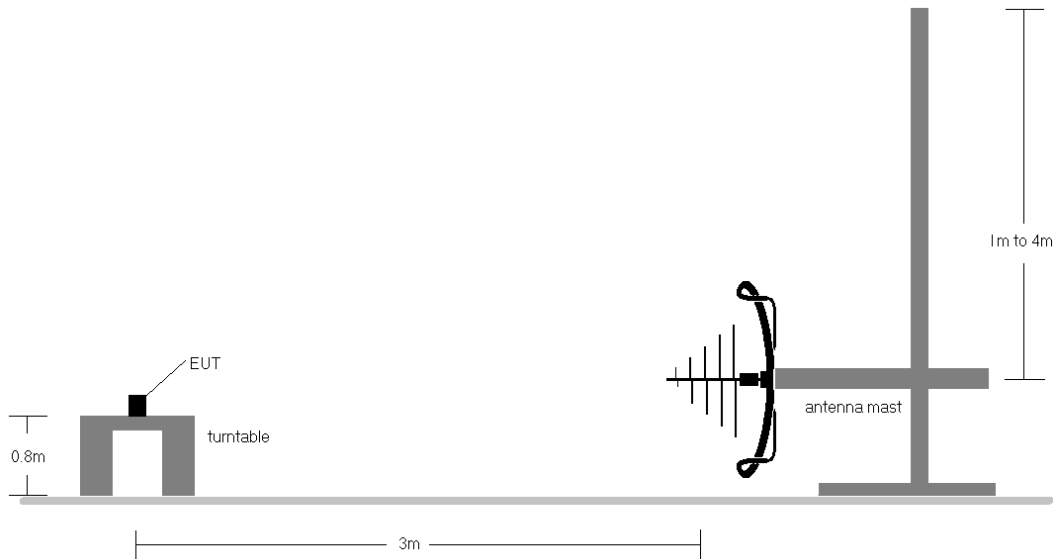


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

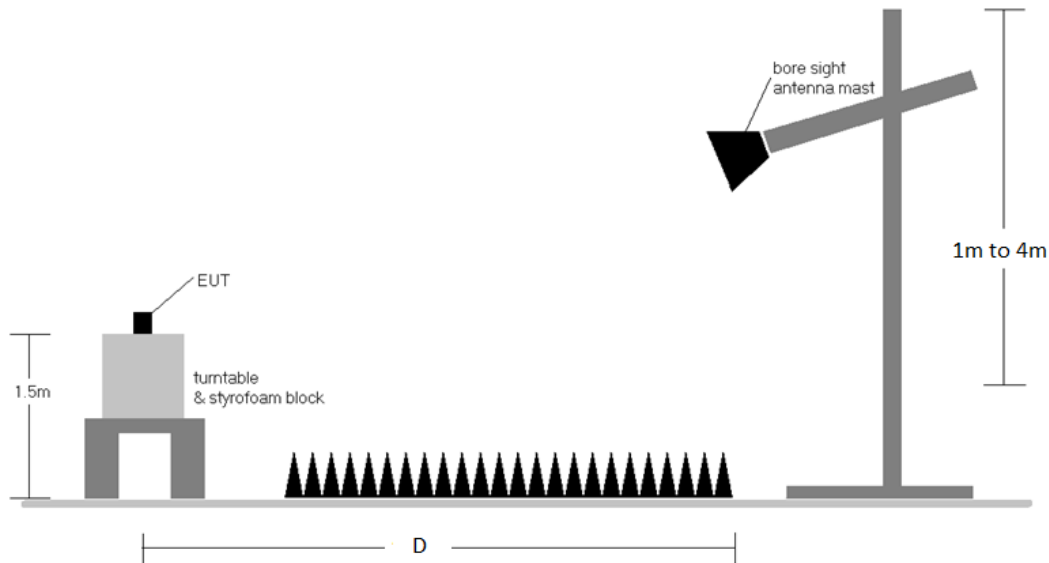


Figure 7-12. Test Instrument & Measurement Setup >1 GHz

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 198 of 220

Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
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. The worst-case emissions are reported.
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. No significant emissions were found for below 1GHz and Above 18GHz measurement.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
10. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
11. NR band n25 overlaps the entire frequency range of NR band 2. Therefore, the radiated emissions data of NR band n25 provided in this report covers NR band n2.

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 199 of 220

V2.2 09/07/2023

7.7.1 Antenna 4 – 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	-	-	-78.17	3.71	32.54	-62.72	-13.00	-49.72
5580.0	H	-	-	-79.67	6.34	33.66	-61.60	-13.00	-48.60
7440.0	H	-	-	-79.75	9.57	36.82	-58.44	-13.00	-45.44

Table 7-22. Antenna 4 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	H	-	-	-77.39	2.70	32.31	-62.95	-13.00	-49.95
5647.5	H	-	-	-79.15	5.97	33.82	-61.43	-13.00	-48.43
7530.0	H	-	-	-80.10	9.04	35.94	-59.32	-13.00	-46.32

Table 7-23. Antenna 4 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	-	-	-77.52	2.56	32.04	-63.22	-13.00	-50.22
5715.00	V	-	-	-79.50	6.66	34.16	-61.10	-13.00	-48.10
7620.00	H	-	-	-80.61	9.66	36.05	-59.21	-13.00	-46.21

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

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 200 of 220

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-76.13	0.95	31.82	-63.43	-13.00	-50.43
5610.0	V	-	-	-78.26	4.53	33.26	-61.99	-13.00	-48.99
7480.0	H	-	-	-78.63	6.11	34.48	-60.78	-13.00	-47.78

Table 7-25. Antenna 4 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	V	-	-	-76.11	1.00	31.89	-63.37	-13.00	-50.37
5647.5	H	-	-	-78.45	4.53	33.08	-62.18	-13.00	-49.18
7530.0	V	-	-	-79.29	6.05	33.77	-61.49	-13.00	-48.49

Table 7-26. Antenna 4 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	-	-	-76.10	0.91	31.81	-63.45	-13.00	-50.45
5685.0	H	-	-	-77.97	4.36	33.39	-61.87	-13.00	-48.87
7580.0	V	-	-	-78.99	6.16	34.16	-61.09	-13.00	-48.09

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

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 201 of 220

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	H	-	-	-78.62	5.82	34.21	-61.05	-13.00	-48.05
5557.2	H	-	-	-79.71	8.59	35.88	-59.38	-13.00	-46.38
7409.6	V	-	-	-79.86	10.48	37.62	-57.64	-13.00	-44.64

Table 7-28. Antenna 4 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	H	-	-	-78.07	5.23	34.17	-61.09	-13.00	-48.09
5640.0	H	-	-	-79.52	8.64	36.12	-59.14	-13.00	-46.14
7520.0	H	-	-	-80.02	10.67	37.65	-57.61	-13.00	-44.61

Table 7-29. Antenna 4 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	H	-	-	-78.27	5.63	34.36	-60.89	-13.00	-47.89
5722.8	V	-	-	-79.76	9.17	36.41	-58.84	-13.00	-45.84
7630.4	H	-	-	-80.03	11.11	38.08	-57.18	-13.00	-44.18

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

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 202 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

7.7.2 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	H	-	-	-76.14	1.27	32.12	-63.13	-13.00	-50.13
5580.0	H	-	-	-77.86	4.23	33.37	-61.88	-13.00	-48.88
7440.0	V	-	-	-78.28	5.84	34.56	-60.69	-13.00	-47.69

Table 7-31. 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	157	302	-72.03	0.91	35.88	-59.38	-13.00	-46.38
5647.5	H	-	-	-78.14	4.22	33.08	-62.18	-13.00	-49.18
7530.0	V	-	-	-79.17	6.05	33.88	-61.38	-13.00	-48.38
9412.5	V	-	-	-78.80	6.28	34.48	-60.78	-13.00	-47.78

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

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

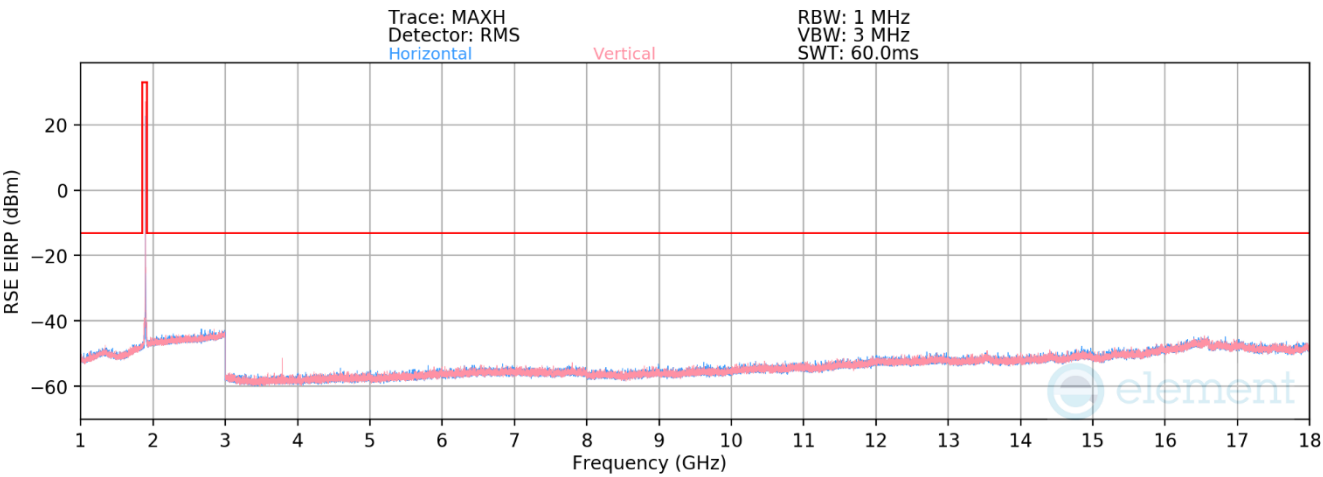
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	116	277	-71.39	1.17	36.78	-58.48	-13.00	-45.48
5715.00	V	-	-	-78.11	4.49	33.39	-61.87	-13.00	-48.87
7620.00	V	-	-	-79.05	6.27	34.22	-61.04	-13.00	-48.04
9525.00	V	-	-	-79.02	6.65	34.63	-60.63	-13.00	-47.63

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

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 203 of 220

V2.2 09/07/2023

NR Band n25/2



Plot 7-302. Radiated Spurious Plot (NR Band n25/2)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 204 of 220

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	V	-	-	-76.12	1.00	31.88	-63.38	-13.00	-50.38
5610.0	H	-	-	-78.44	4.53	33.09	-62.17	-13.00	-49.17
7480.0	V	-	-	-78.69	6.00	34.31	-60.95	-13.00	-47.95

Table 7-34. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	225	114	-71.99	0.91	35.92	-59.34	-13.00	-46.34
5647.5	H	-	-	-78.50	4.53	33.02	-62.24	-13.00	-49.24
7530.0	V	-	-	-79.13	6.05	33.92	-61.33	-13.00	-48.33
9412.5	H	-	-	-78.62	6.28	34.67	-60.59	-13.00	-47.59

Table 7-35. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	V	337	112	-69.94	1.16	38.22	-57.04	-13.00	-44.04
5685.0	H	-	-	-77.88	4.17	33.30	-61.96	-13.00	-48.96
7580.0	V	-	-	-78.87	6.16	34.29	-60.97	-13.00	-47.97
9475.0	H	-	-	-79.05	6.50	34.45	-60.81	-13.00	-47.81

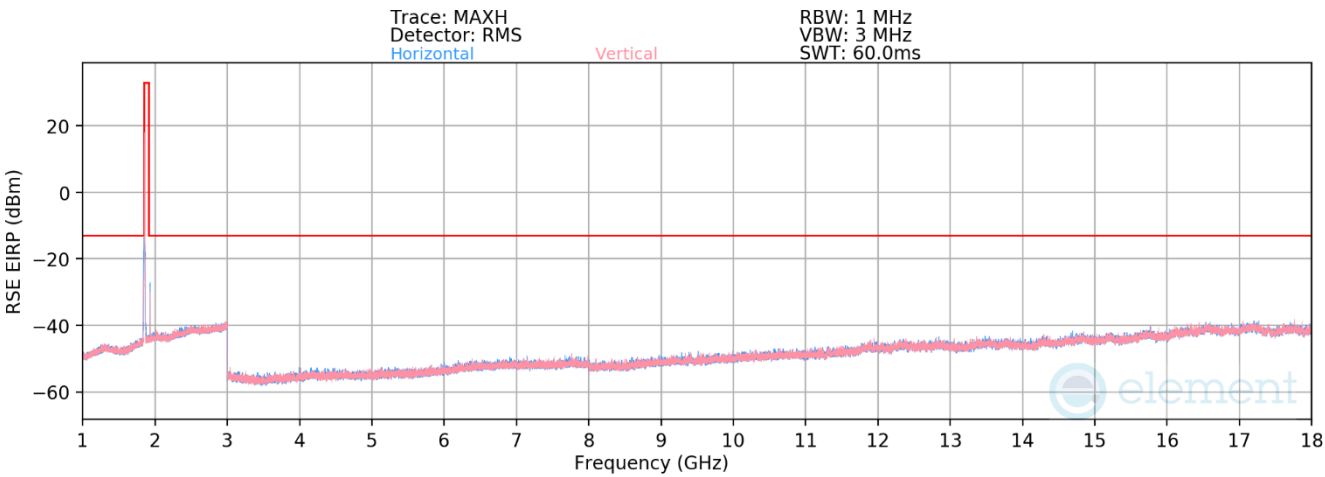
Table 7-36. Antenna 2b Radiated Spurious Data (NR Band n25/2 – High Channel)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 205 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

WCDMA PCS



Plot 7-303. Radiated Spurious Plot (WCDMA PCS)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 206 of 220

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	325	49	-73.40	5.20	38.80	-56.46	-13.00	-43.46
5557.2	V	-	-	-79.67	8.41	35.73	-59.52	-13.00	-46.52
7409.6	H	-	-	-79.96	10.51	37.55	-57.70	-13.00	-44.70
9262.0	V	-	-	-79.62	12.02	39.40	-55.86	-13.00	-42.86

Table 7-37. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	269	52	-76.30	5.50	36.20	-59.06	-13.00	-46.06
5640.0	V	-	-	-79.81	8.77	35.96	-59.30	-13.00	-46.30
7520.0	H	-	-	-79.86	10.60	37.74	-57.52	-13.00	-44.52
9400.0	V	-	-	-79.48	12.54	40.06	-55.19	-13.00	-42.19

Table 7-38. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	H	-	-	-78.61	5.50	33.88	-61.37	-13.00	-48.37
5722.8	H	-	-	-79.41	8.81	36.41	-58.85	-13.00	-45.85
7630.4	H	-	-	-79.72	10.82	38.10	-57.16	-13.00	-44.16

Table 7-39. Antenna 2b Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 207 of 220

7.7.3 Antenna 3a – 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	H	-	-	-78.22	3.71	32.49	-62.76	-13.00	-49.76
5580.0	V	-	-	-79.16	6.03	33.87	-61.38	-13.00	-48.38
7440.0	H	-	-	-79.49	9.57	37.07	-58.18	-13.00	-45.18

Table 7-40. Antenna 3a 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	H	-	-	-77.20	2.81	32.61	-62.65	-13.00	-49.65
5647.5	H	-	-	-79.10	5.97	33.87	-61.39	-13.00	-48.39
7530.0	V	-	-	-80.00	9.04	36.04	-59.22	-13.00	-46.22

Table 7-41. Antenna 3a 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	-	-	-78.32	5.63	34.32	-60.94	-13.00	-47.94
5715.00	H	-	-	-79.14	8.81	36.67	-58.59	-13.00	-45.59
7620.00	H	-	-	-80.07	11.21	38.14	-57.12	-13.00	-44.12

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

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 208 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-76.26	1.05	31.79	-63.47	-13.00	-50.47
5610.0	H	-	-	-78.39	4.53	33.13	-62.12	-13.00	-49.12
7480.0	H	-	-	-78.12	6.11	34.99	-60.27	-13.00	-47.27

Table 7-43. Antenna 3a 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	V	-	-	-75.95	0.91	31.96	-63.30	-13.00	-50.30
5647.5	H	-	-	-78.23	4.22	32.99	-62.27	-13.00	-49.27
7530.0	V	-	-	-79.20	6.05	33.85	-61.40	-13.00	-48.40

Table 7-44. Antenna 3a 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	-	-	-76.23	1.17	31.94	-63.31	-13.00	-50.31
5685.0	V	-	-	-77.75	4.23	33.48	-61.77	-13.00	-48.77
7580.0	V	-	-	-79.08	6.16	34.07	-61.19	-13.00	-48.19

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

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 209 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

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	H	-	-	-78.76	6.02	34.25	-61.00	-13.00	-48.00
5557.2	V	-	-	-79.90	8.42	35.52	-59.73	-13.00	-46.73
7409.6	V	-	-	-79.99	10.67	37.68	-57.58	-13.00	-44.58

Table 7-46. Antenna 3a 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	-	-	-78.07	5.44	34.37	-60.89	-13.00	-47.89
5640.0	H	-	-	-79.61	8.46	35.85	-59.41	-13.00	-46.41
7520.0	V	-	-	-80.08	10.67	37.58	-57.67	-13.00	-44.67

Table 7-47. Antenna 3a 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	5.50	34.30	-60.96	-13.00	-47.96
5722.8	H	-	-	-79.44	8.81	36.37	-58.89	-13.00	-45.89
7630.4	V	-	-	-79.86	10.82	37.96	-57.30	-13.00	-44.30

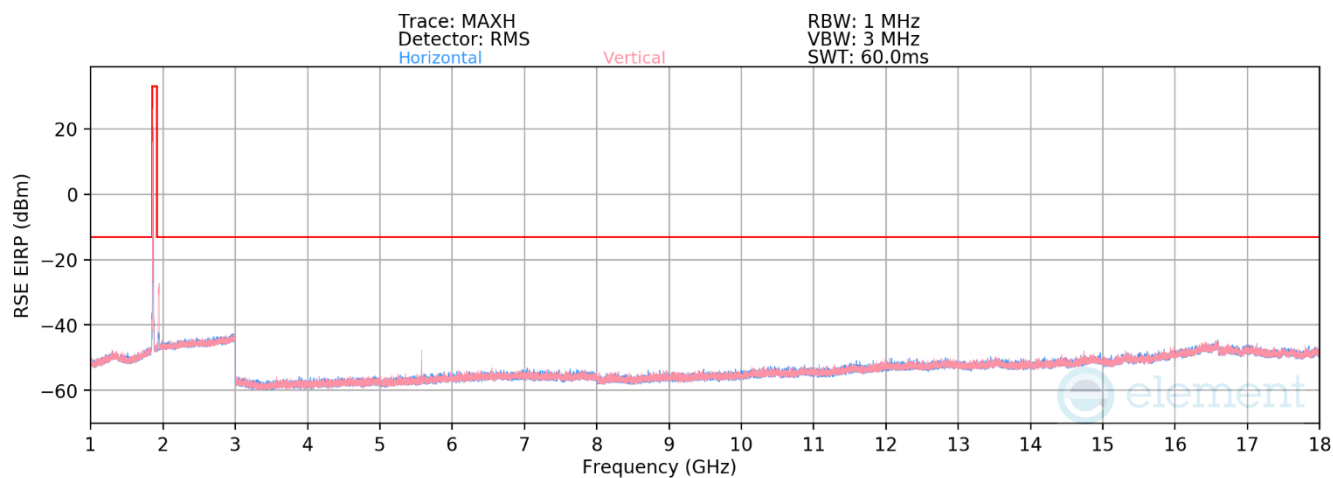
Table 7-48. Antenna 3a Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 210 of 220

V2.2 09/07/2023

7.7.4 Antenna 1b – Radiated Spurious Emission Measurement

LTE Band 25/2



Plot 7-304. Radiated Spurious Plot (LTE Band 25/2)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 211 of 220

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	-	-	-76.31	1.00	31.69	-63.57	-13.00	-50.57
5580.0	V	104	214	-68.69	4.37	42.68	-52.58	-13.00	-39.58
7440.0	H	-	-	-78.63	5.85	34.22	-61.04	-13.00	-48.04
9300.0	H	-	-	-79.24	6.02	33.78	-61.48	-13.00	-48.48
11160.0	H	-	-	-80.19	9.02	35.83	-59.43	-13.00	-46.43

Table 7-49. Antenna 1b 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	-	-	-76.02	0.91	31.89	-63.37	-13.00	-50.37
5647.5	H	191	237	-71.69	4.45	39.76	-55.49	-13.00	-42.49
7530.0	H	-	-	-79.20	6.05	33.85	-61.40	-13.00	-48.40
9412.5	H	-	-	-79.08	6.38	34.29	-60.97	-13.00	-47.97
11295.0	V	-	-	-80.24	9.51	36.26	-58.99	-13.00	-45.99

Table 7-50. Antenna 1b 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	-	-	-76.29	1.11	31.82	-63.43	-13.00	-50.43
5715.00	V	255	210	-71.19	4.49	40.30	-54.95	-13.00	-41.95
7620.00	H	-	-	-79.00	6.12	34.11	-61.14	-13.00	-48.14
9525.00	V	-	-	-79.27	6.65	34.37	-60.88	-13.00	-47.88
11430.00	H	-	-	-80.81	10.04	36.22	-59.03	-13.00	-46.03

Table 7-51. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 212 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-76.08	0.95	31.87	-63.39	-13.00	-50.39
5610.0	H	-	-	-78.48	4.61	33.13	-62.13	-13.00	-49.13
7480.0	H	-	-	-78.71	6.00	34.29	-60.97	-13.00	-47.97

Table 7-52. Antenna 1b 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	V	-	-	-75.99	0.91	31.91	-63.34	-13.00	-50.34
5647.5	H	-	-	-78.63	4.61	32.98	-62.28	-13.00	-49.28
7530.0	V	-	-	-78.73	5.72	33.99	-61.27	-13.00	-48.27

Table 7-53. Antenna 1b 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	V	-	-	-76.20	1.16	31.96	-63.30	-13.00	-50.30
5685.0	H	-	-	-77.79	4.23	33.44	-61.82	-13.00	-48.82
7580.0	V	-	-	-78.84	6.12	34.27	-60.98	-13.00	-47.98

Table 7-54. Antenna 1b Radiated Spurious Data (NR Band n25/2 – High Channel)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 213 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

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	275	155	-76.53	5.20	35.67	-59.59	-13.00	-46.59
5557.2	H	-	-	-79.86	8.42	35.56	-59.69	-13.00	-46.69
7409.6	V	-	-	-80.08	10.67	37.59	-57.67	-13.00	-44.67
9262.0	H	-	-	-79.79	11.91	39.13	-56.13	-13.00	-43.13

Table 7-55. Antenna 1b 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	262	147	-77.88	5.50	34.61	-60.64	-13.00	-47.64
5640.0	V	-	-	-80.06	8.77	35.71	-59.55	-13.00	-46.55
7520.0	V	-	-	-80.04	10.76	37.71	-57.55	-13.00	-44.55
9400.0	H	-	-	-79.62	12.54	39.92	-55.33	-13.00	-42.33

Table 7-56. Antenna 1b 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	-	-	-78.31	5.63	34.32	-60.94	-13.00	-47.94
5722.8	V	-	-	-79.69	8.81	36.12	-59.13	-13.00	-46.13
7630.4	V	-	-	-80.16	11.21	38.05	-57.21	-13.00	-44.21

Table 7-57. Antenna 1b Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 214 of 220

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.

FCC ID: BCGA3355		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 215 of 220

V2.2 09/07/2023

Test Setup

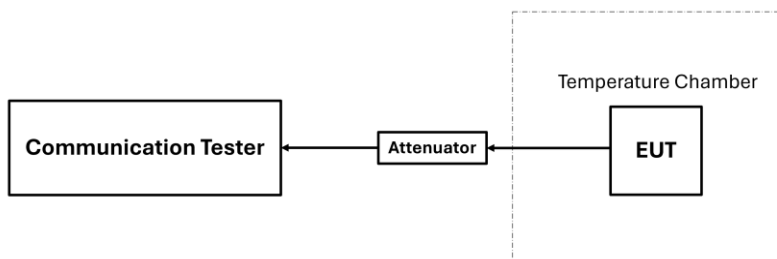


Figure 7-13. LTE Test Instrument & Measurement Setup

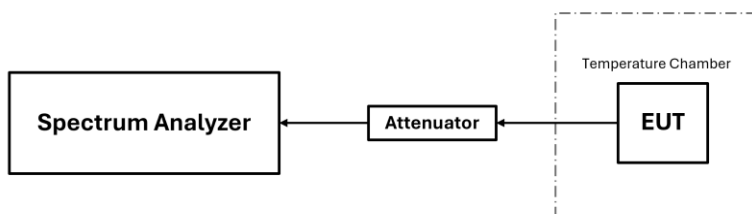


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

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

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 216 of 220

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	1.85099694	-0.00099694
		- 20	1.85022620	-0.00022620
		- 10	1.85050106	-0.00050106
		0	1.85011994	-0.00011994
		+ 10	1.85094416	-0.00094416
		+ 20 (Ref)	1.85028094	-0.00028094
		+ 30	1.85074065	-0.00074065
		+ 40	1.85013872	-0.00013872
		+ 50	1.85087083	-0.00087083
Battery Endpoint	3.40	+ 20	1.85020574	-0.00020574

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	1.91410216	-0.00089784
		- 20	1.91475552	-0.00024448
		- 10	1.91447182	-0.00052818
		0	1.91476961	-0.00023039
		+ 10	1.91460522	-0.00039478
		+ 20 (Ref)	1.91467665	-0.00032335
		+ 30	1.91430985	-0.00069015
		+ 40	1.91410078	-0.00089922
		+ 50	1.91435311	-0.00064689
Battery Endpoint	3.40	+ 20	1.91462568	-0.00037432

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

FCC ID: BCGA3355			PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 217 of 220

V2.2 09/07/2023

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	1.85059150	-0.00059150
		- 20	1.85094990	-0.00094990
		- 10	1.85007468	-0.00007468
		0	1.85005818	-0.00005818
		+ 10	1.85006316	-0.00006316
		+ 20 (Ref)	1.85030078	-0.00030078
		+ 30	1.85082899	-0.00082899
		+ 40	1.85093522	-0.00093522
		+ 50	1.85007020	-0.00007020
Battery Endpoint	3.40	+ 20	1.85095163	-0.00095163

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	1.91433146	-0.00066854
		- 20	1.91403182	-0.00096818
		- 10	1.91435413	-0.00064587
		0	1.91481866	-0.00018134
		+ 10	1.91474603	-0.00025397
		+ 20 (Ref)	1.91483016	-0.00016984
		+ 30	1.91413231	-0.00086769
		+ 40	1.91424096	-0.00075904
		+ 50	1.91434832	-0.00065168
Battery Endpoint	3.40	+ 20	1.91492483	-0.00007517

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

FCC ID: BCGA3355			PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 218 of 220

V2.2 09/07/2023

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	1.85057847	-0.00057847
		- 20	1.85024988	-0.00024988
		- 10	1.85012975	-0.00012975
		0	1.85010224	-0.00010224
		+ 10	1.85062533	-0.00062533
		+ 20 (Ref)	1.85036162	-0.00036162
		+ 30	1.85080925	-0.00080925
		+ 40	1.85052540	-0.00052540
		+ 50	1.85051577	-0.00051577
Battery Endpoint	3.40	+ 20	1.85092766	-0.00092766

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	1.90973942	-0.00026058
		- 20	1.90970921	-0.00029079
		- 10	1.90918465	-0.00081535
		0	1.90986502	-0.00013498
		+ 10	1.90943280	-0.00056720
		+ 20 (Ref)	1.90925589	-0.00074411
		+ 30	1.90965813	-0.00034187
		+ 40	1.90977227	-0.00022773
		+ 50	1.90992135	-0.00007865
Battery Endpoint	3.40	+ 20	1.90925662	-0.00074338

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

FCC ID: BCGA3355			PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device		Page 219 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA3355** complies with all the requirements of Part 24 of the FCC rules.

FCC ID: BCGA3355	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-08-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
		Page 220 of 220

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.