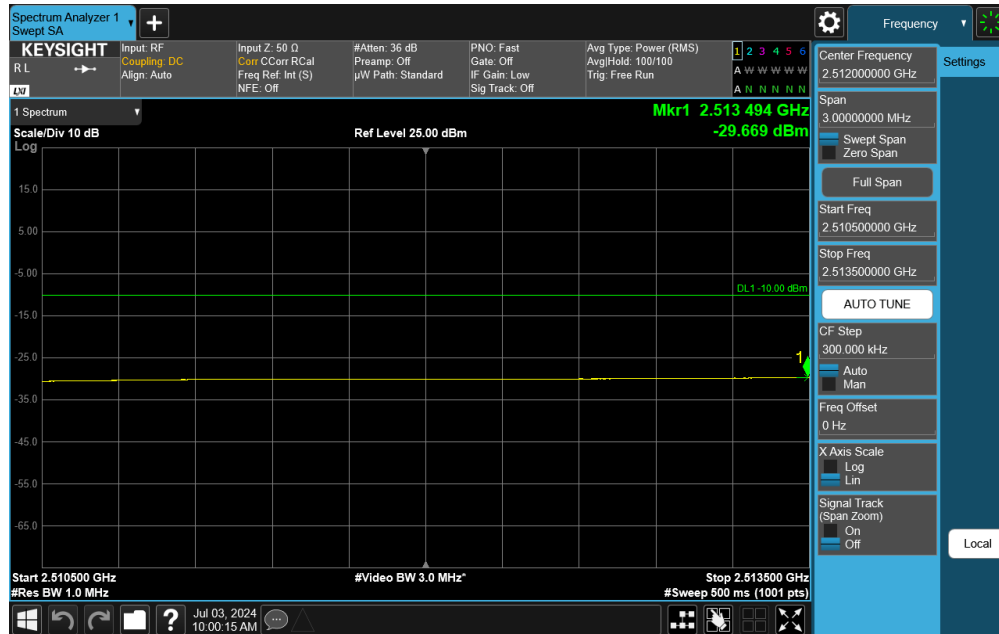
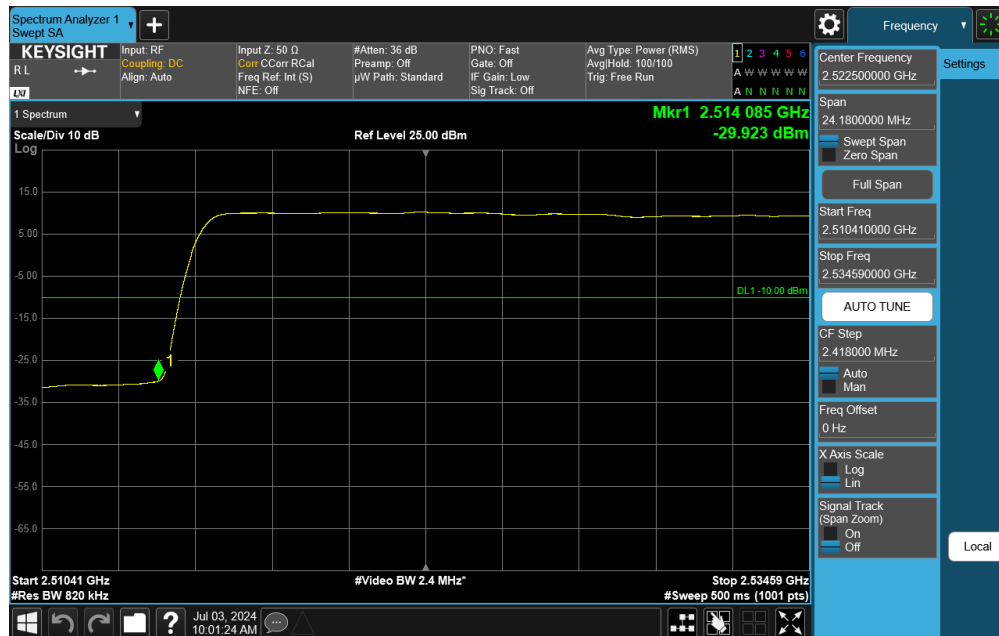




Plot 7-561. Middle Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

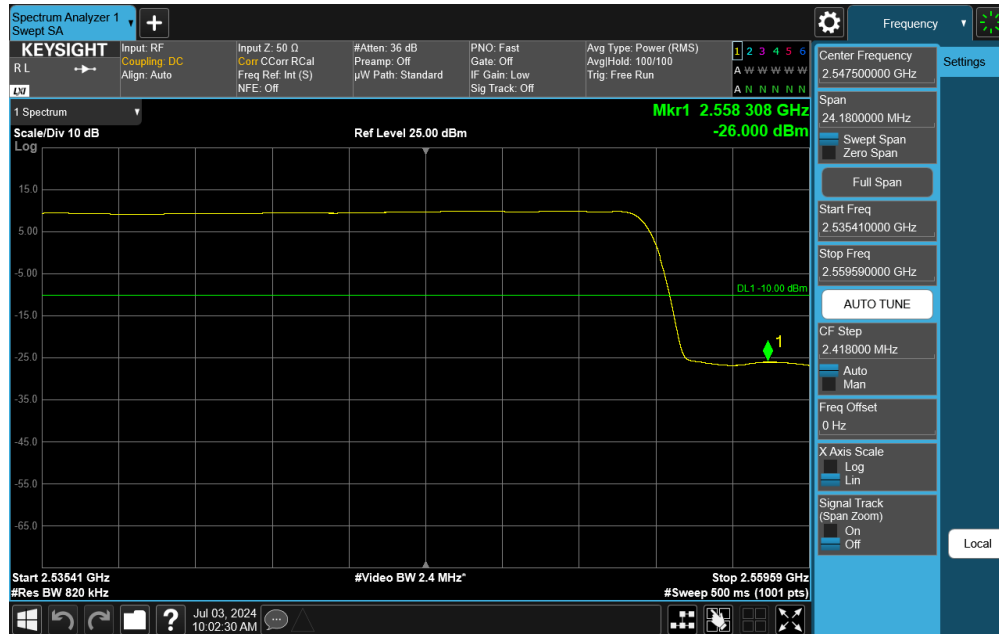


Plot 7-562. Middle Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

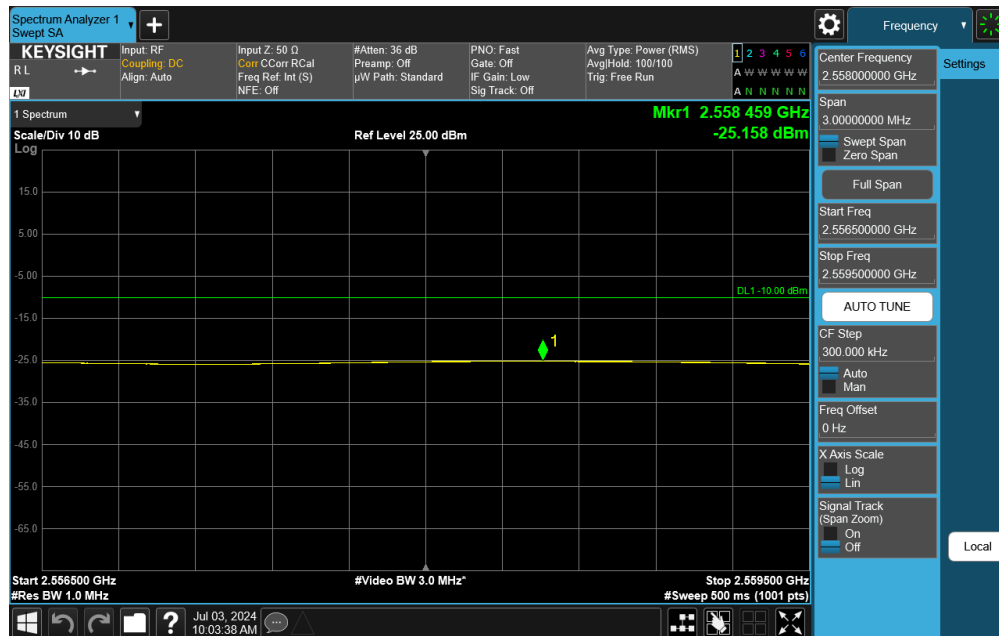
FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 307 of 427

V2.2 09/07/2023

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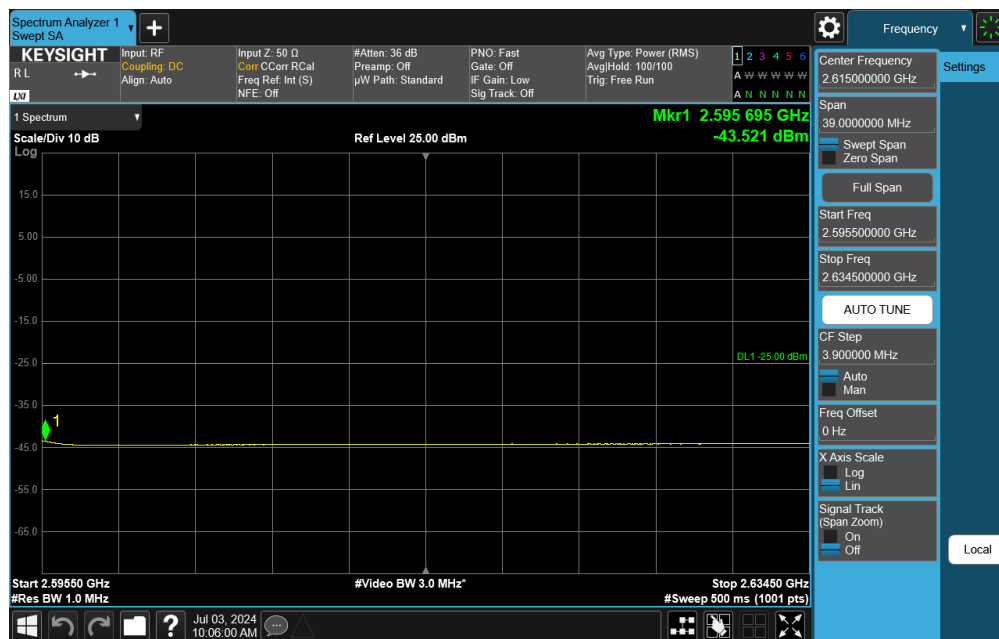
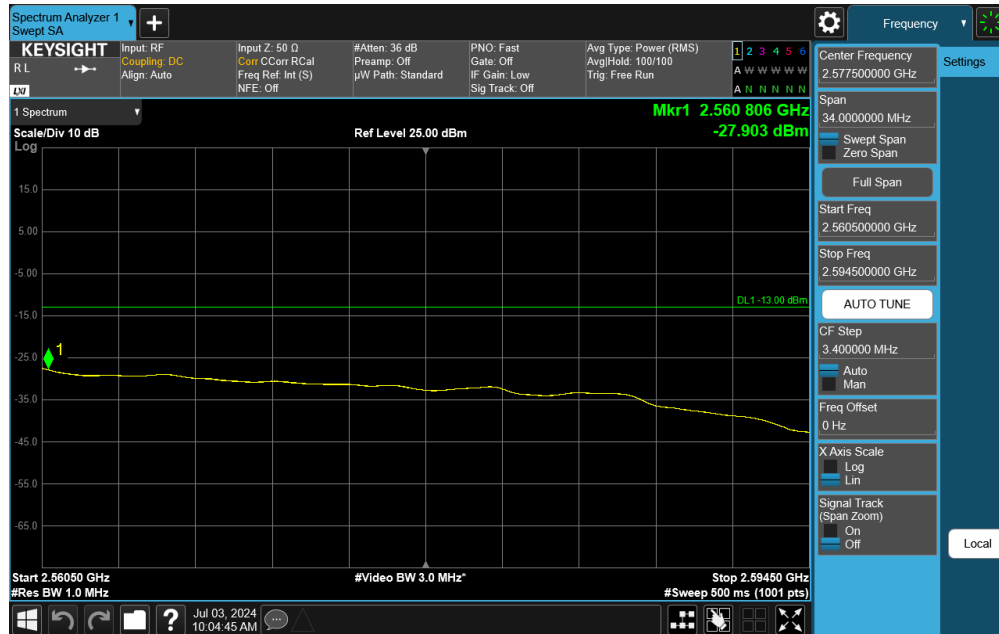
Plot 7-563. Middle Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)



Plot 7-564. Middle Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 308 of 427

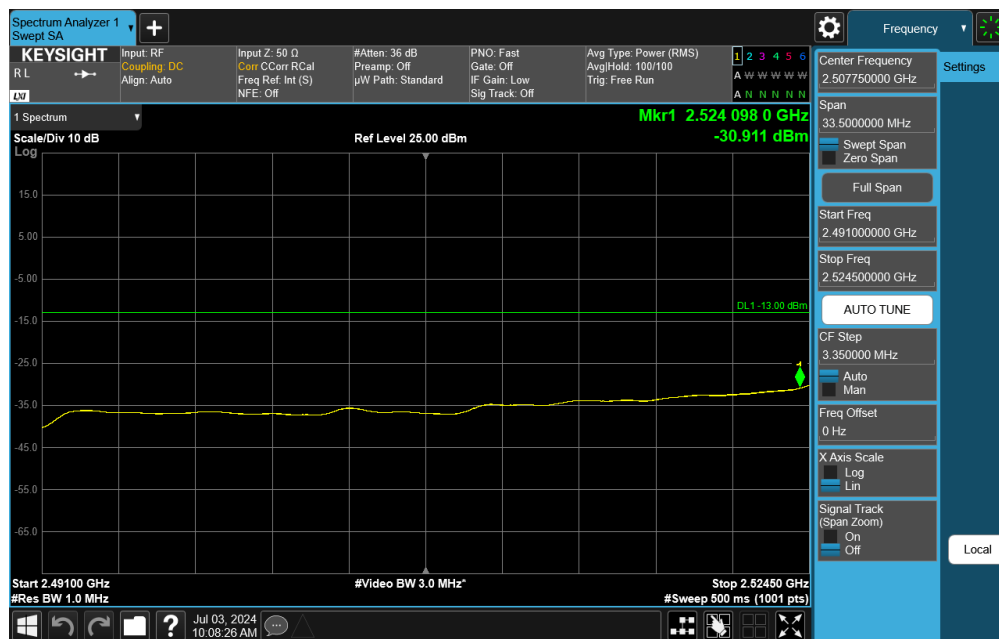
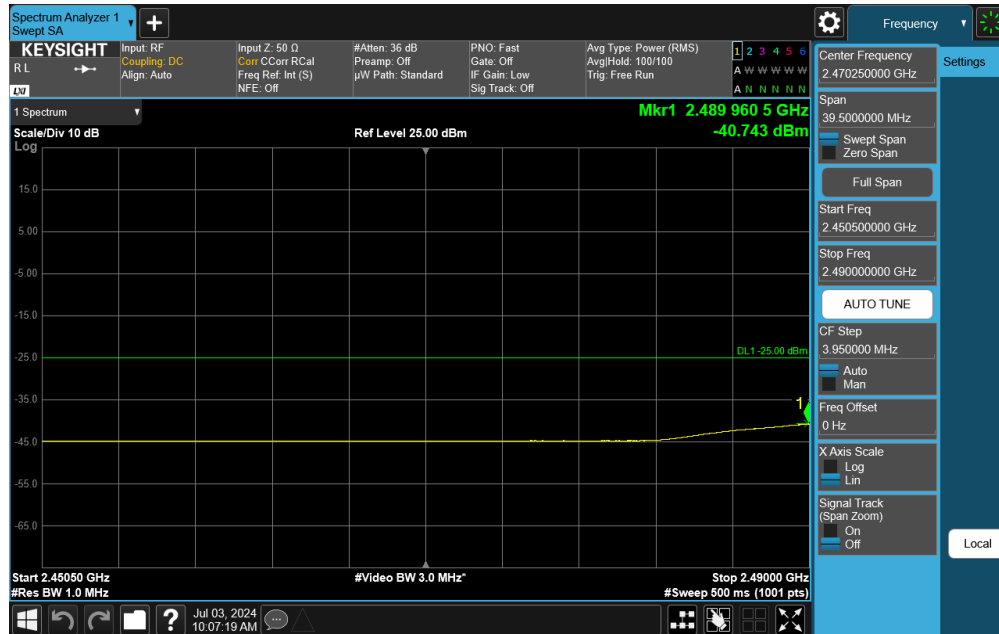
V2.2 09/07/2023



FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 309 of 427

V2.2 09/07/2023

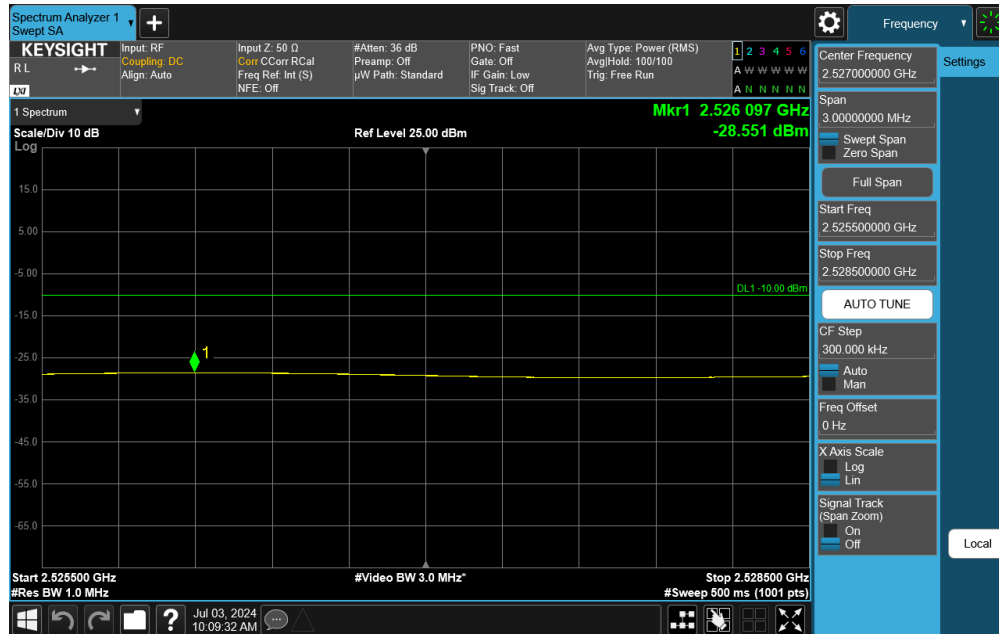
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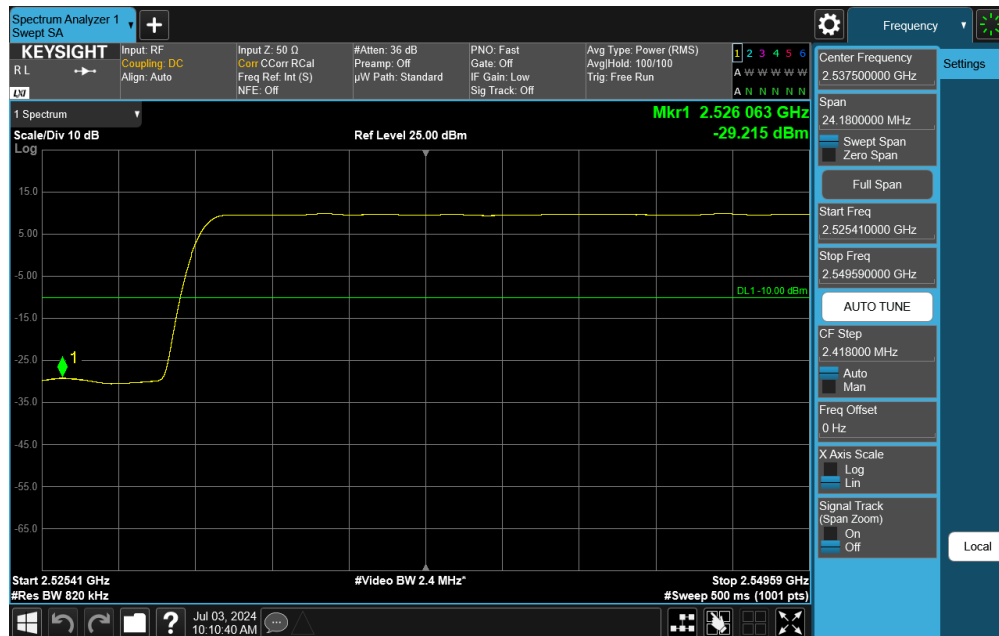
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 310 of 427

V2.2 09/07/2023

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Plot 7-569. Upper Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

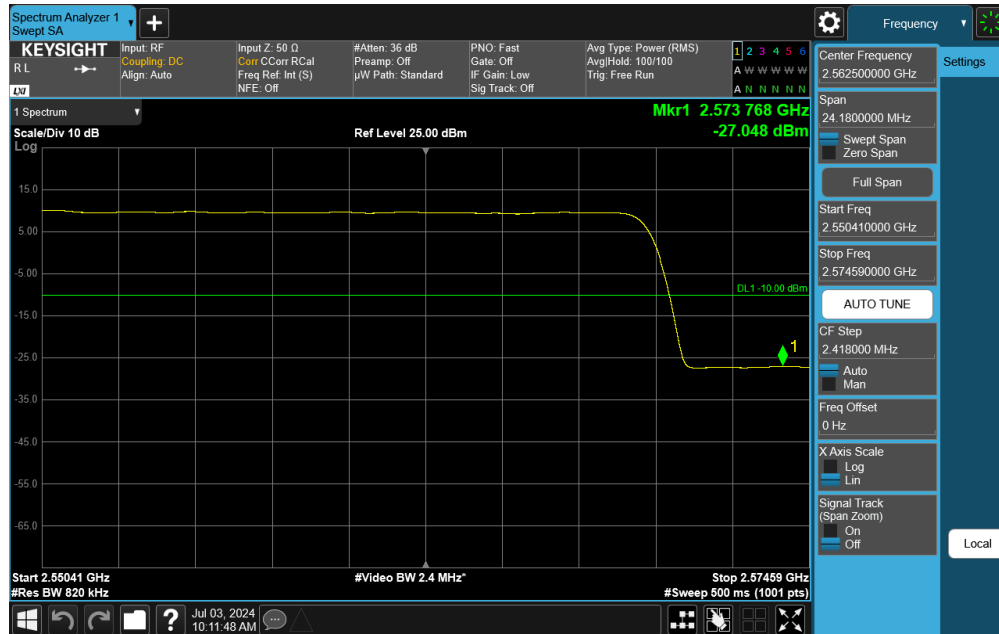


Plot 7-570. Upper Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

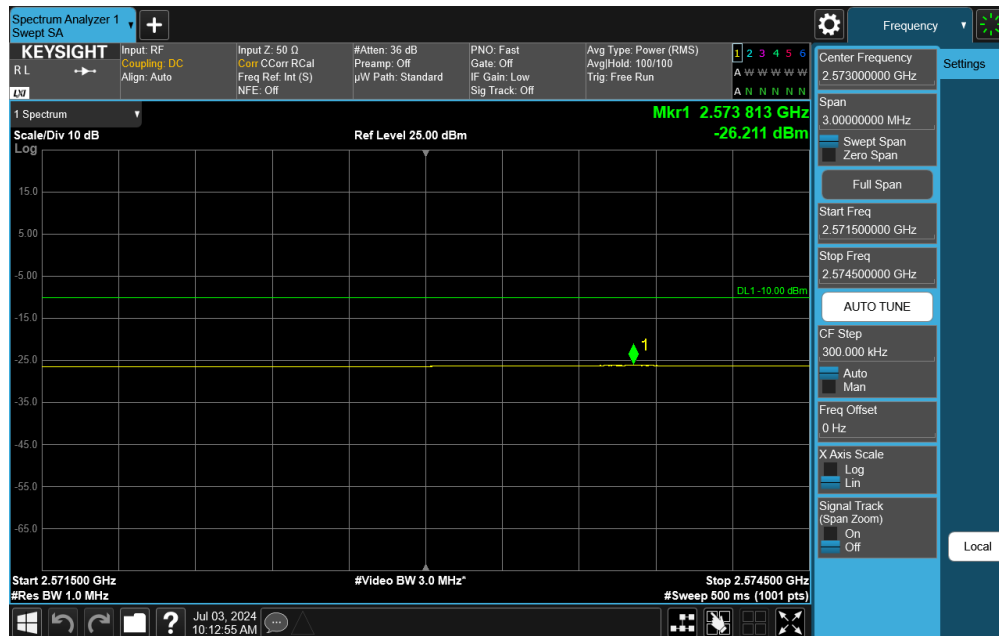
FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 311 of 427

V2.2 09/07/2023

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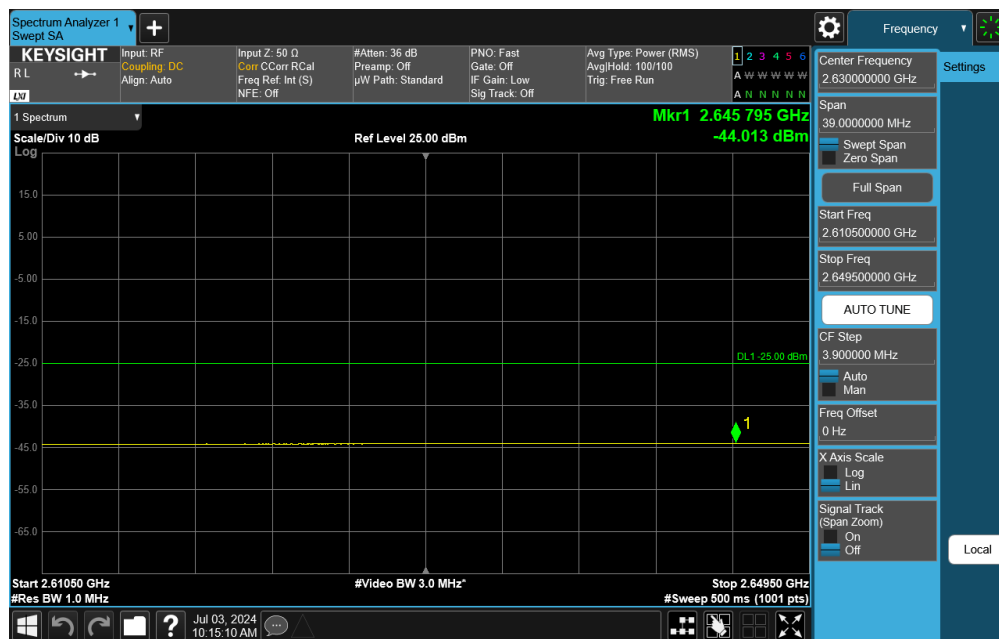
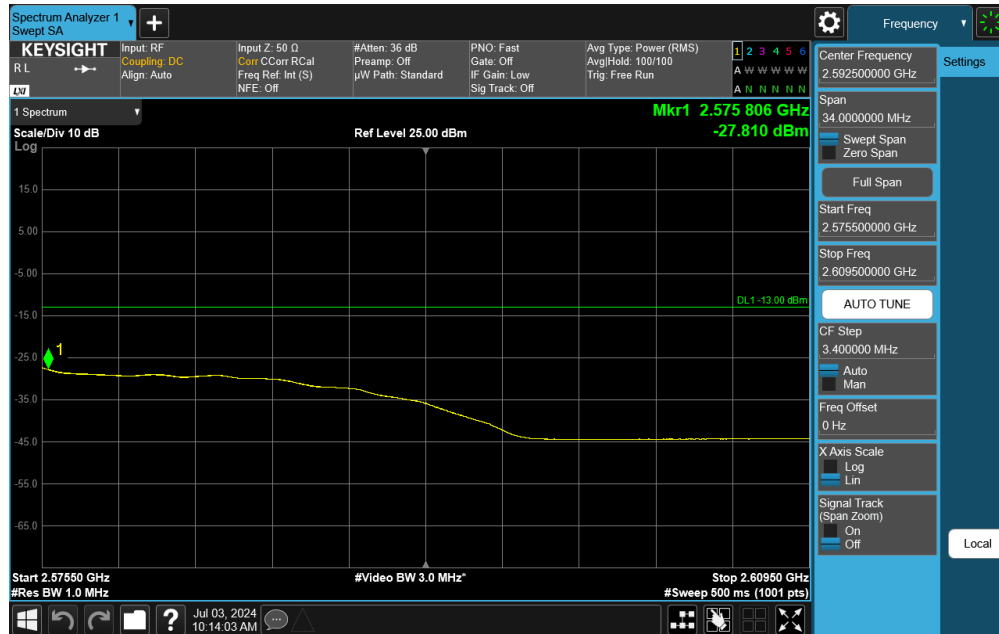
Plot 7-571. Upper Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)



Plot 7-572. Upper Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM QPSK – Full RB)

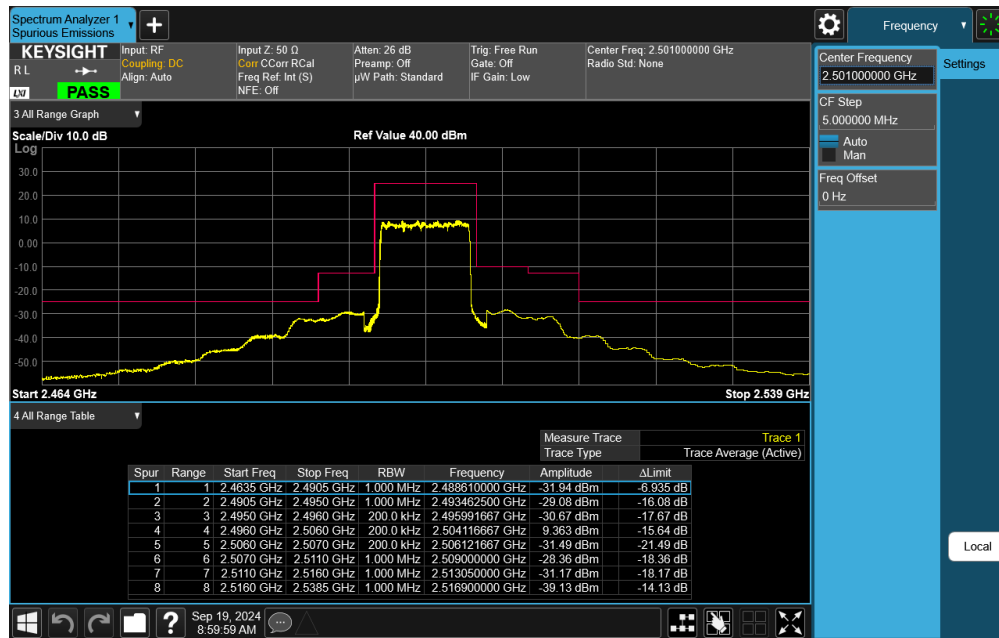
FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 312 of 427

V2.2 09/07/2023

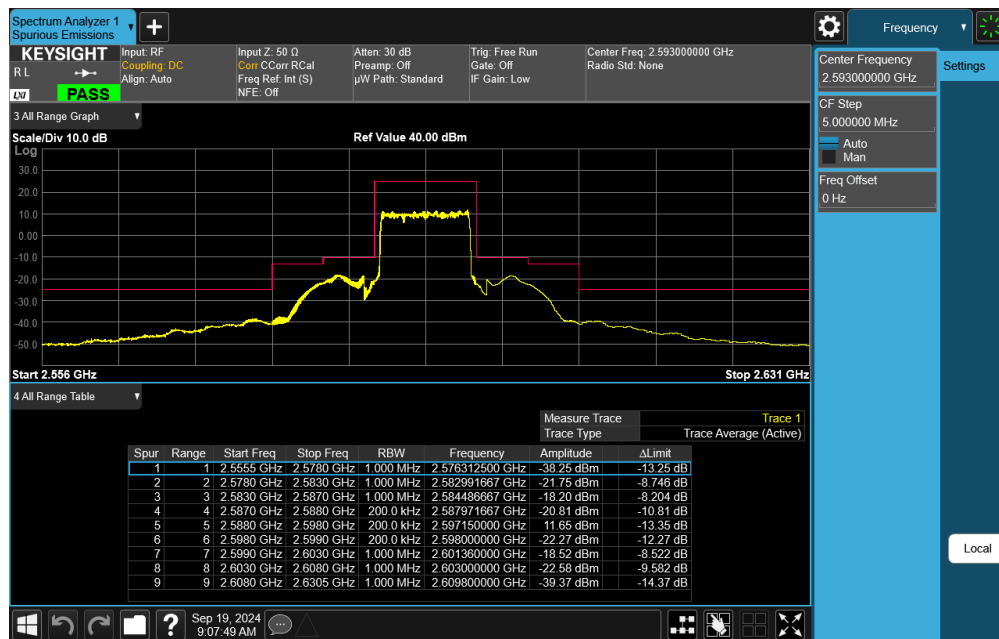


FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 313 of 427

NR Band n41



Plot 7-575. Lower ACP Plot (NR Band n41 - 10MHz CP-OFDM QPSK – Full RB)

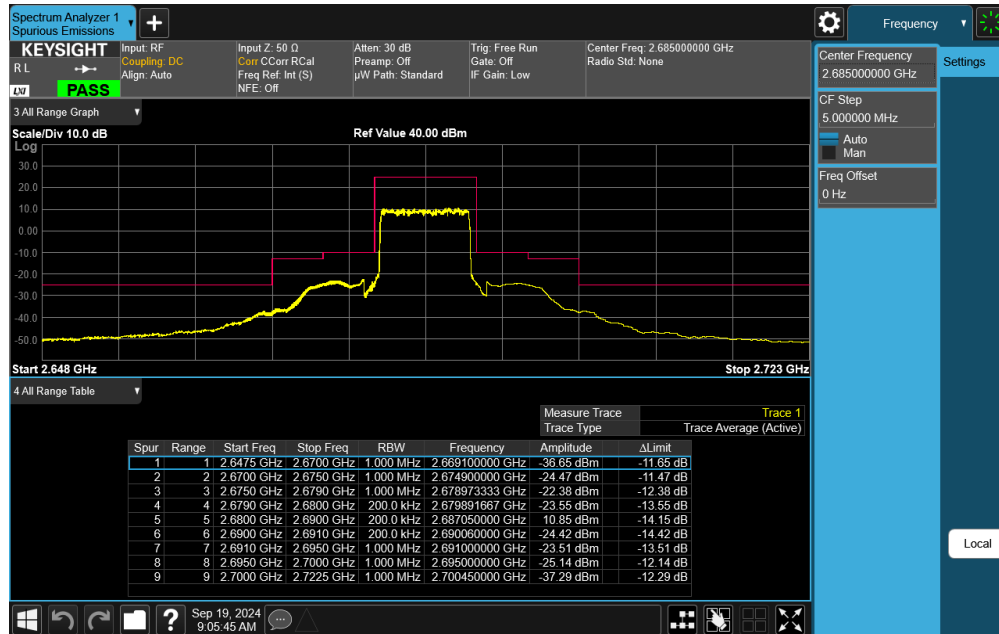


Plot 7-576. Middle ACP Plot (NR Band n41 - 10MHz CP-OFDM QPSK – Full RB)

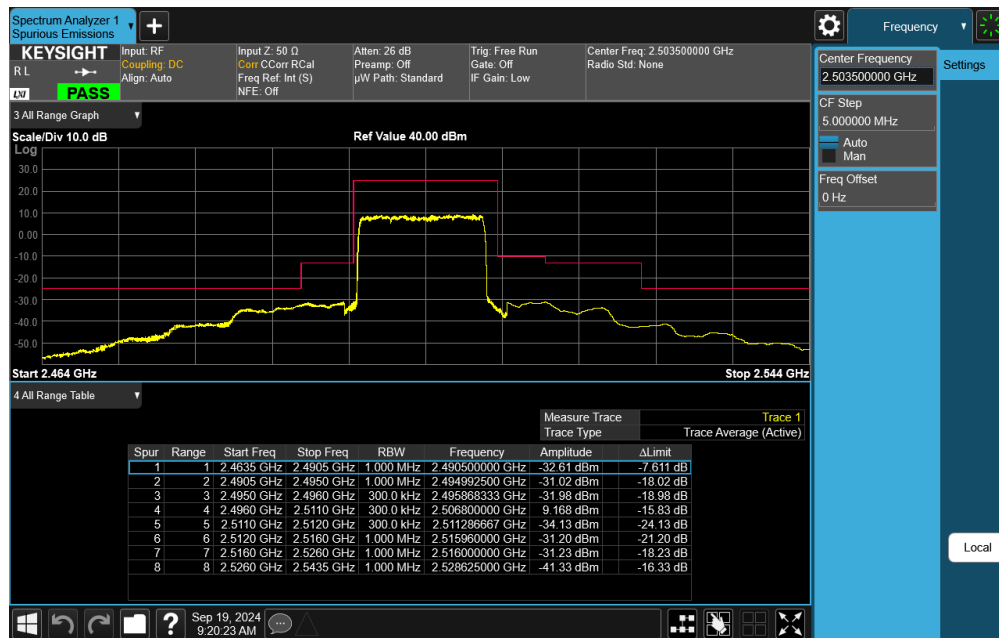
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device
		Page 314 of 427

V2.2 09/07/2023

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Plot 7-577. Upper ACP Plot (NR Band n41 - 10MHz CP-OFDM QPSK – Full RB)

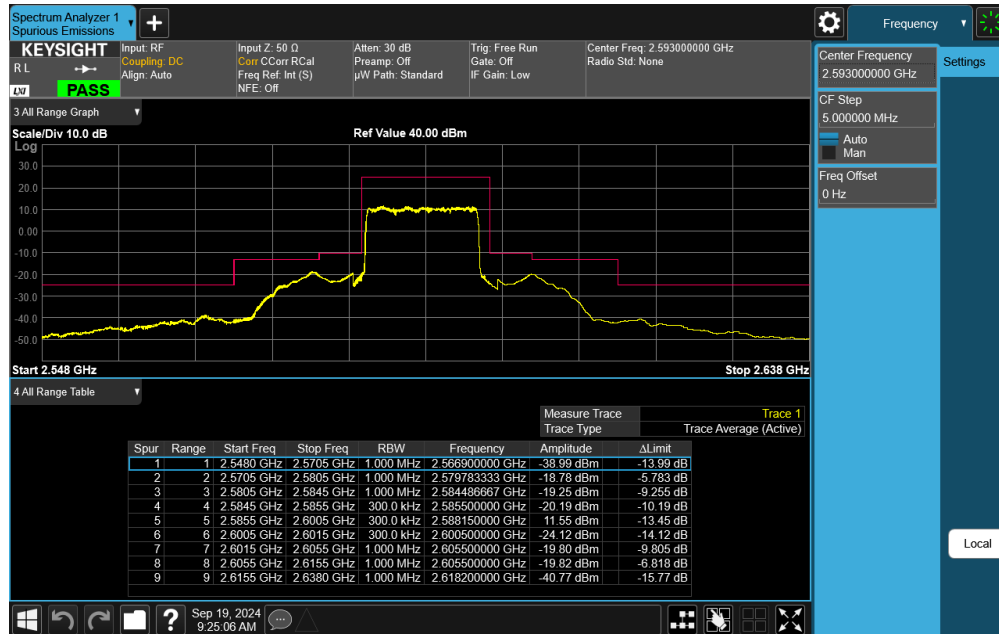


Plot 7-578. Lower ACP Plot (NR Band n41 - 15MHz CP-OFDM QPSK – Full RB)

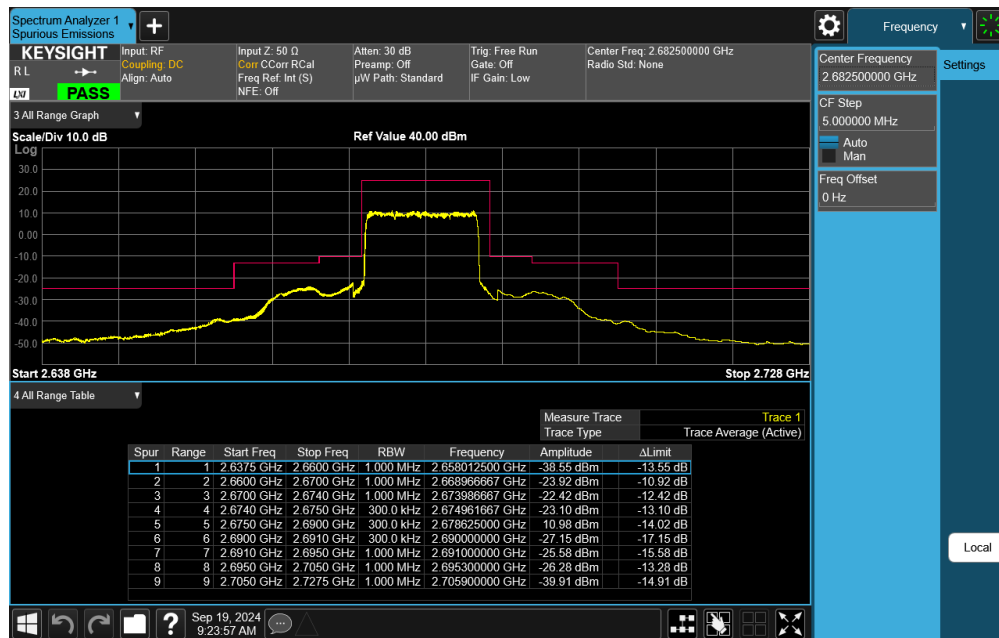
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 315 of 427

V2.2 09/07/2023

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Plot 7-579. Middle ACP Plot (NR Band n41 - 15MHz CP-OFDM QPSK – Full RB)

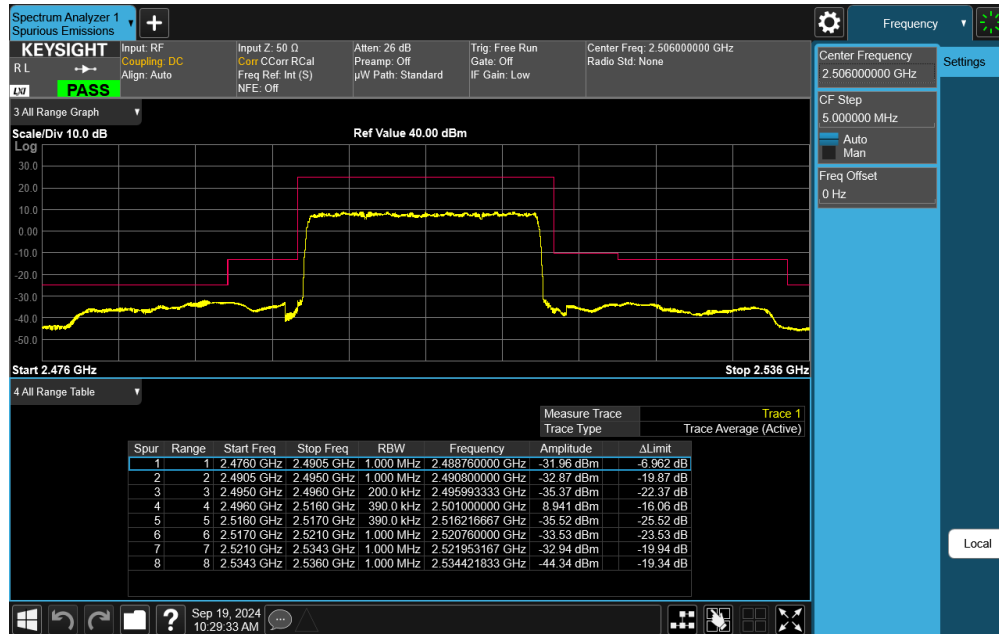


Plot 7-580. Upper ACP Plot (NR Band n41 - 15MHz CP-OFDM QPSK – Full RB)

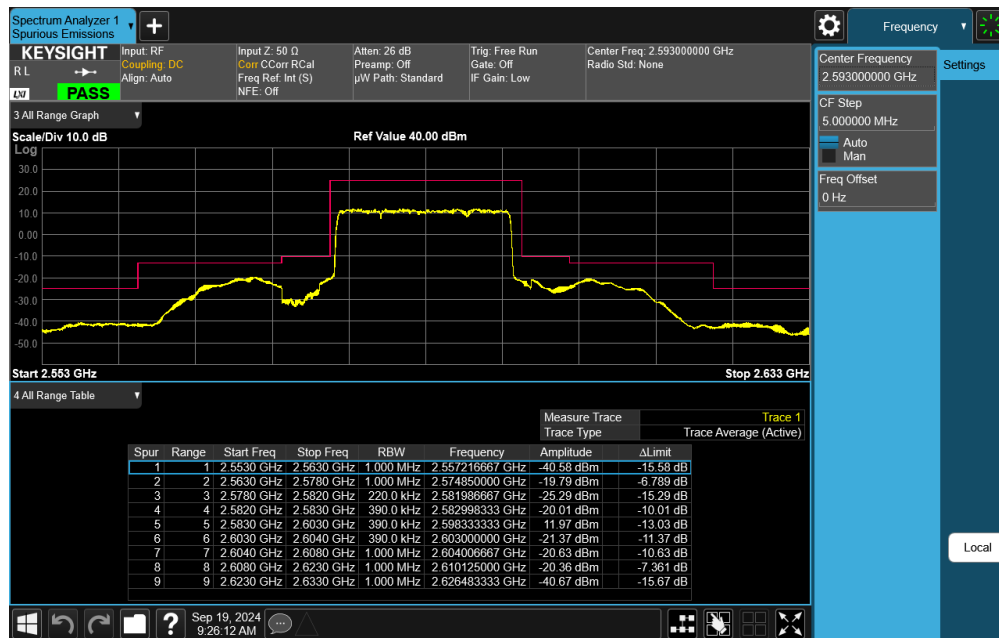
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 316 of 427

V2.2 09/07/2023

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Plot 7-581. Lower ACP Plot (NR Band n41 - 20MHz CP-OFDM QPSK – Full RB)

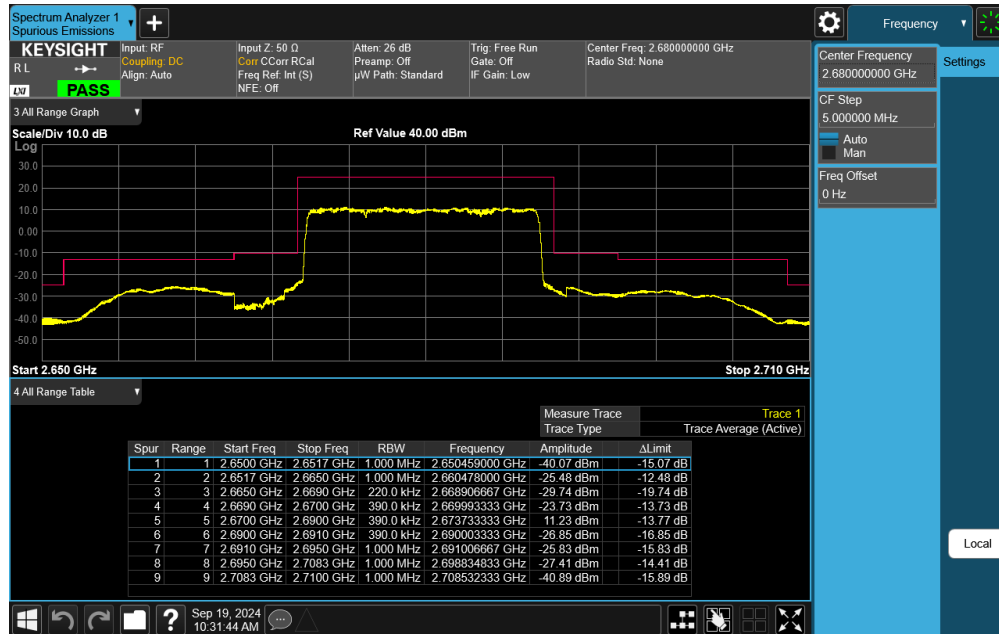


Plot 7-582. Middle ACP Plot (NR Band n41 - 20MHz CP-OFDM QPSK – Full RB)

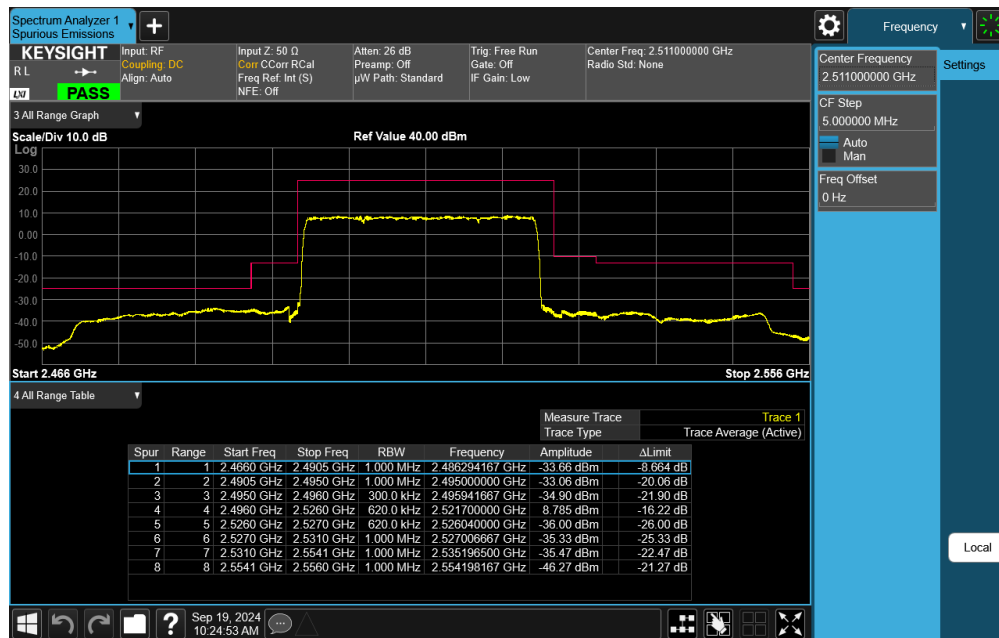
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 317 of 427

V2.2 09/07/2023

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Plot 7-583. Upper ACP Plot (NR Band n41 - 20MHz CP-OFDM QPSK – Full RB)

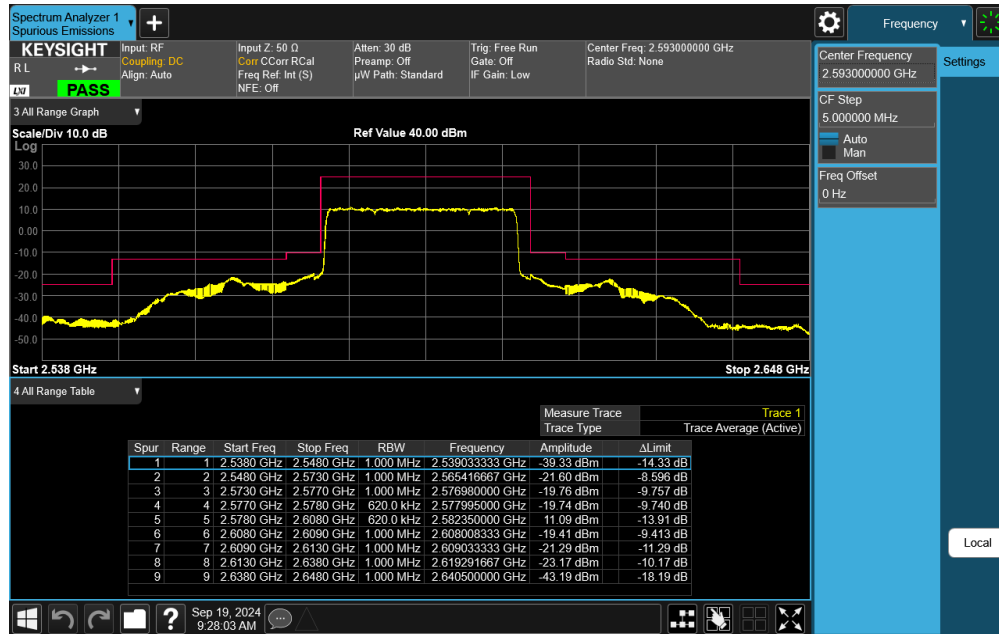


Plot 7-584. Lower ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

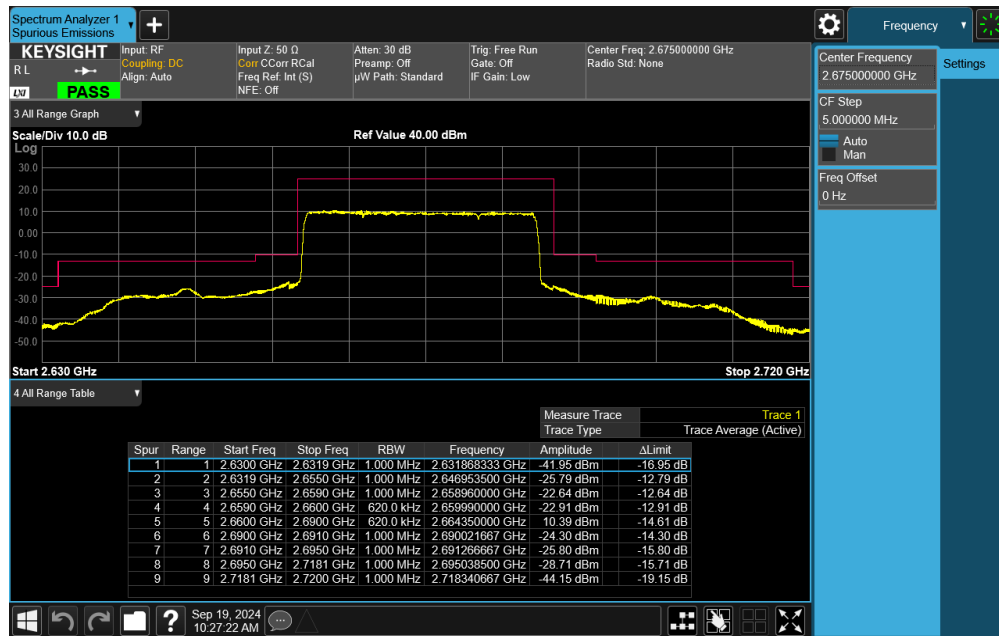
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 318 of 427

V2.2 09/07/2023

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Plot 7-585. Middle ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

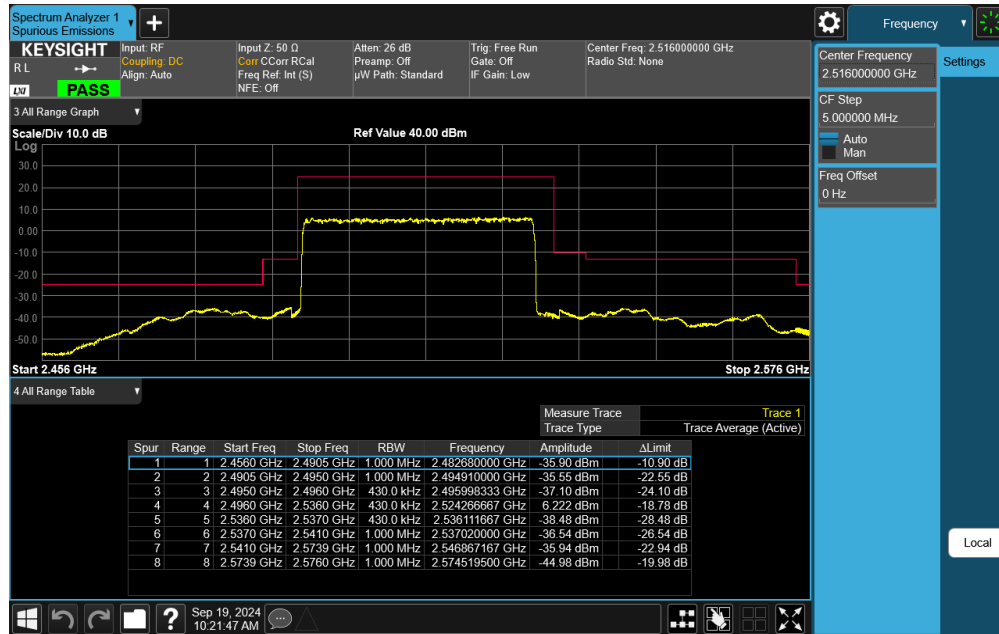


Plot 7-586. Upper ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

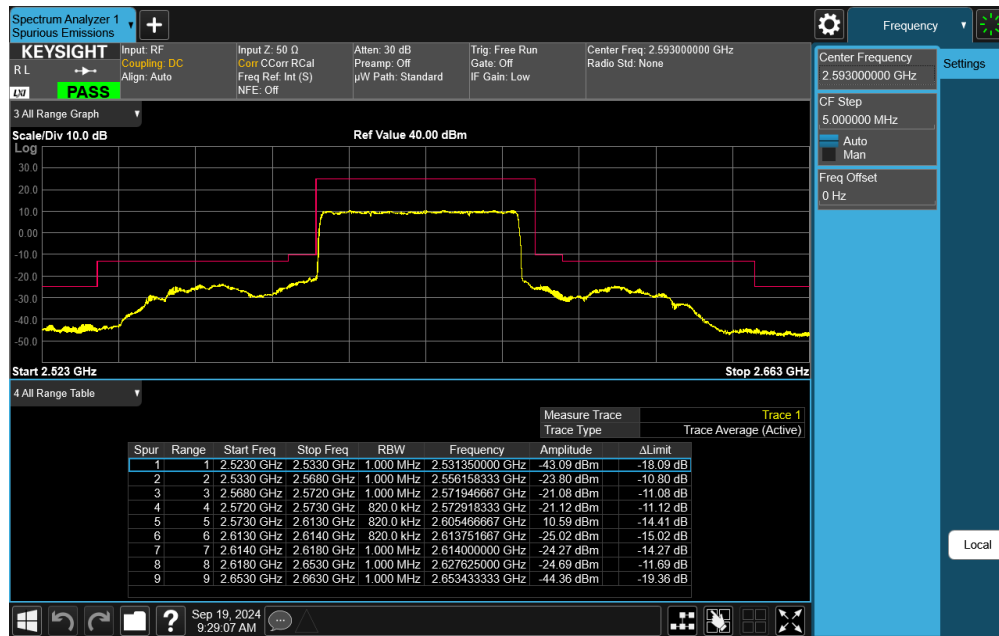
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 319 of 427

V2.2 09/07/2023

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Plot 7-587. Lower ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

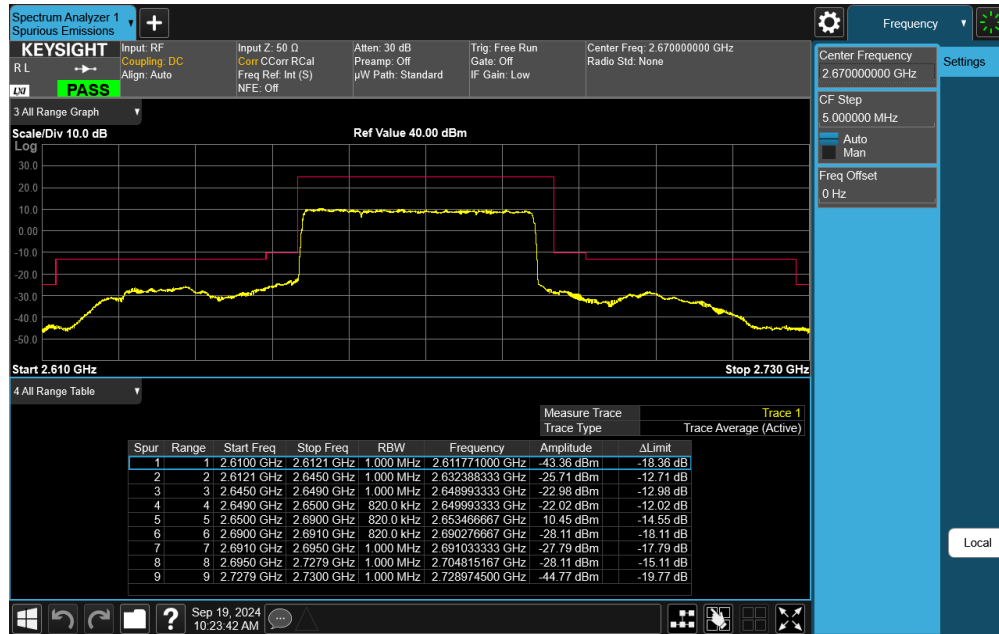


Plot 7-588. Middle ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

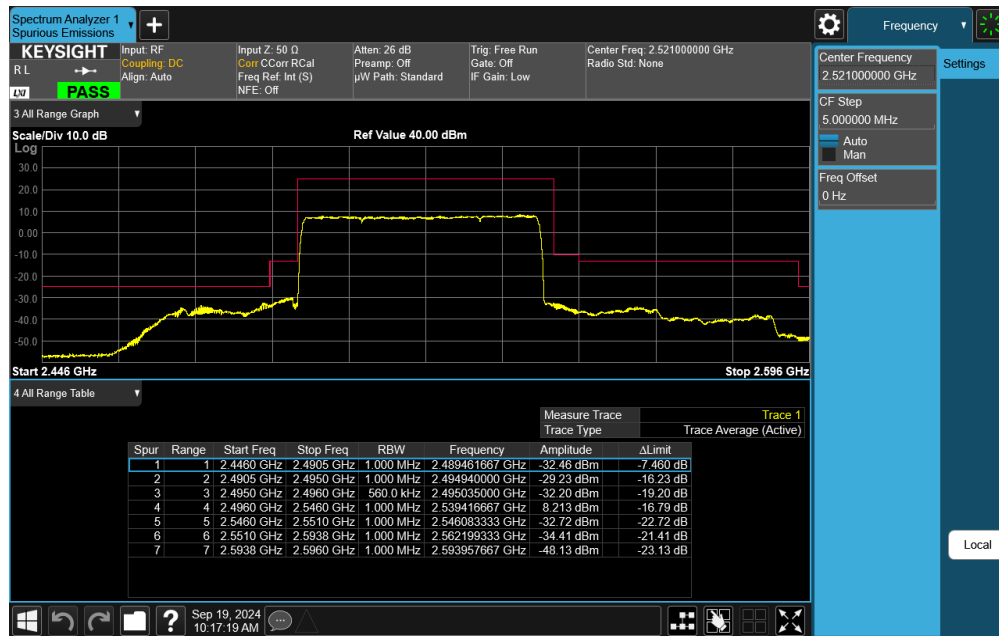
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 320 of 427

V2.2 09/07/2023

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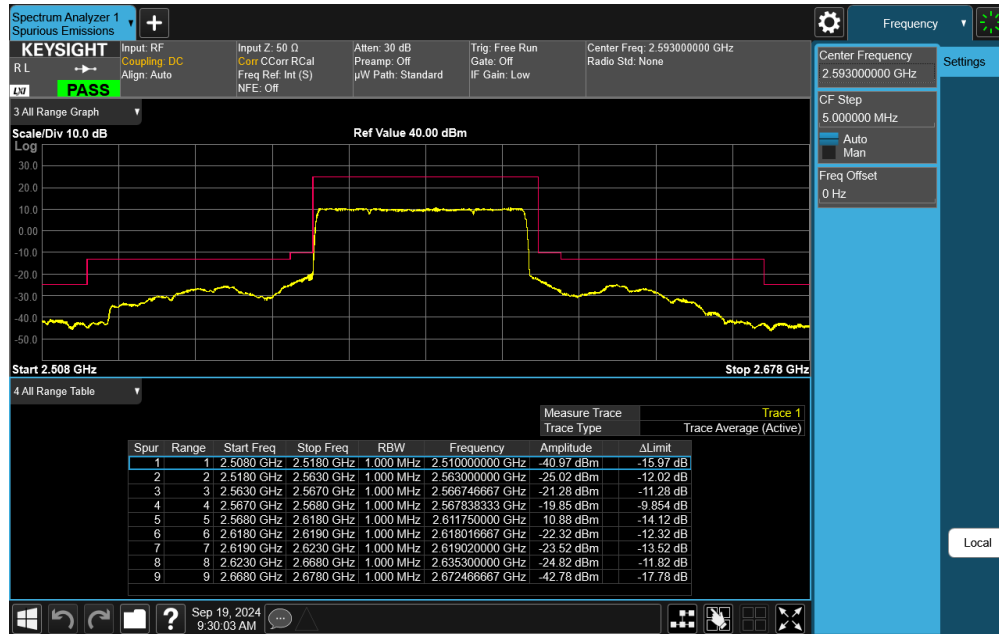


Plot 7-589. Upper ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

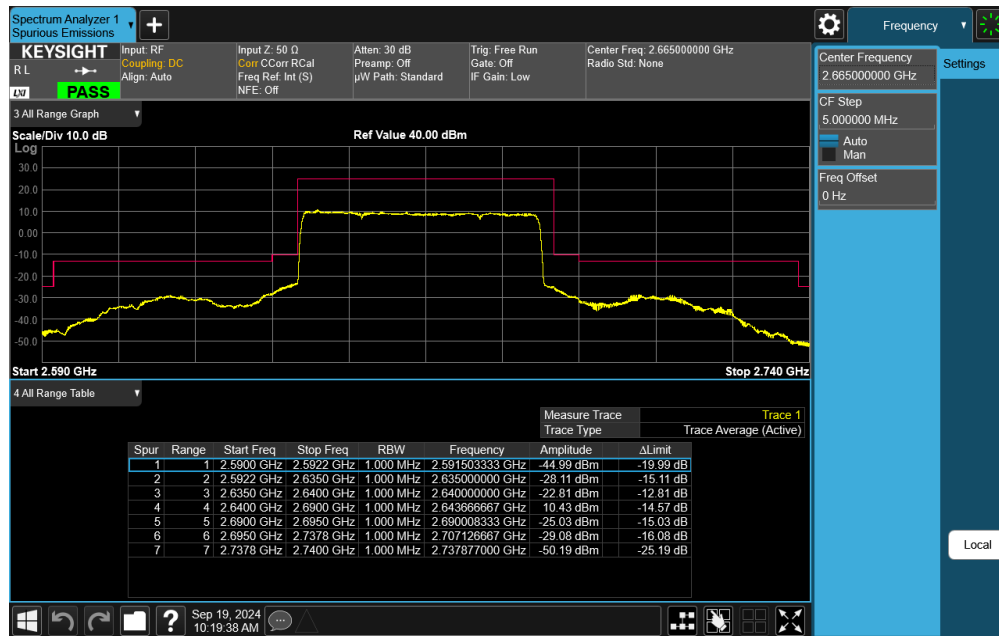


Plot 7-590. Lower ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 321 of 427



Plot 7-591. Middle ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

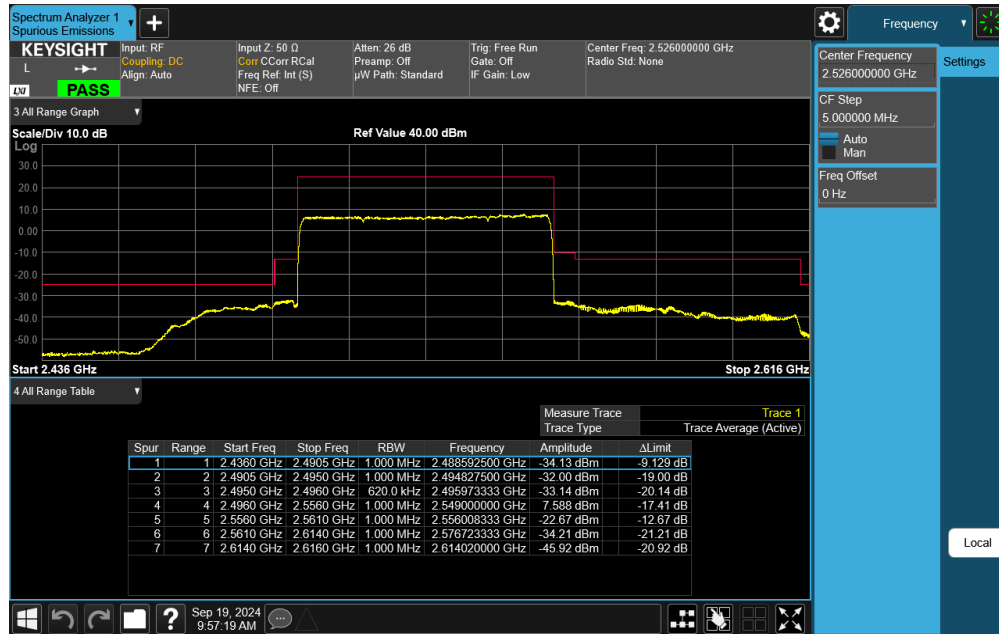


Plot 7-592. Upper ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

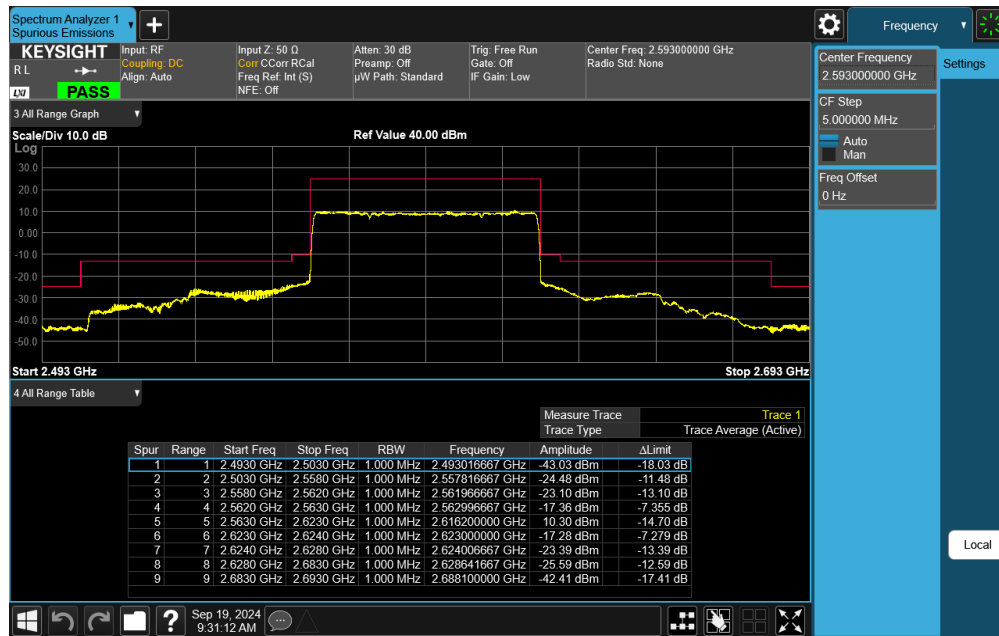
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 322 of 427

V2.2 09/07/2023

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Plot 7-593. Lower ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

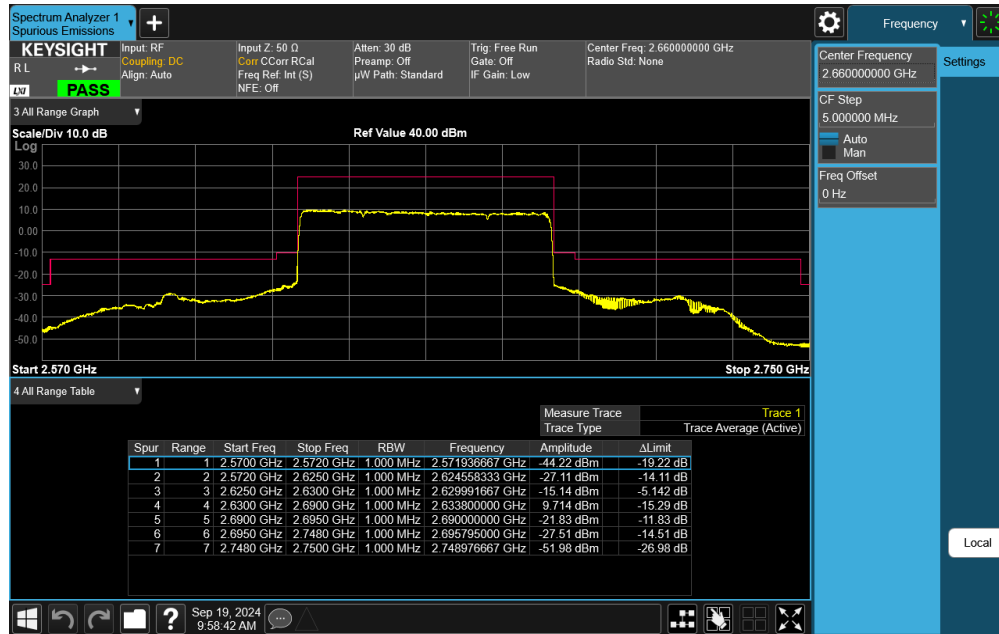


Plot 7-594. Middle ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

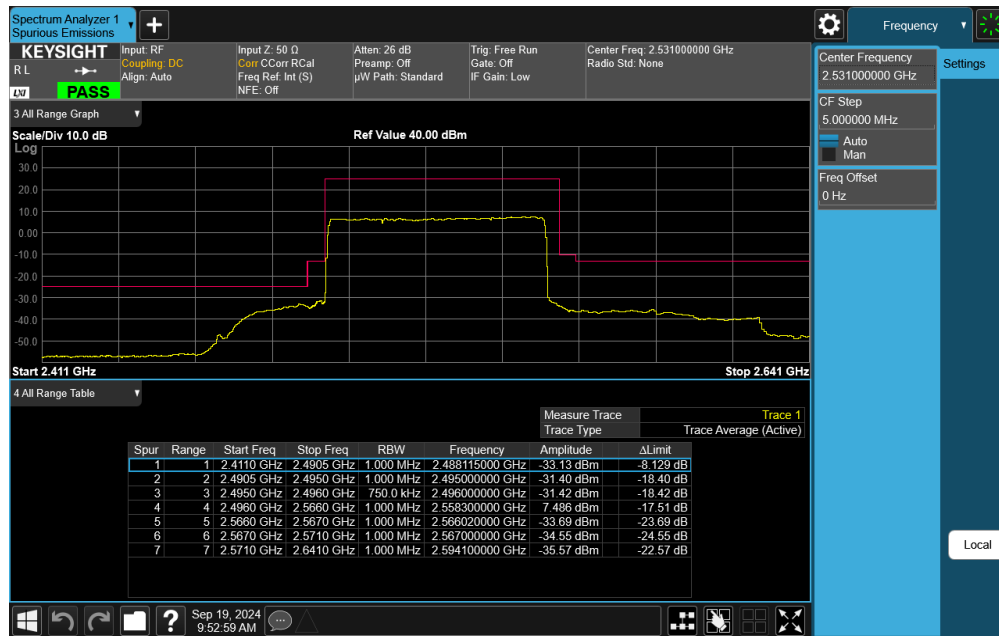
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 323 of 427

V2.2 09/07/2023

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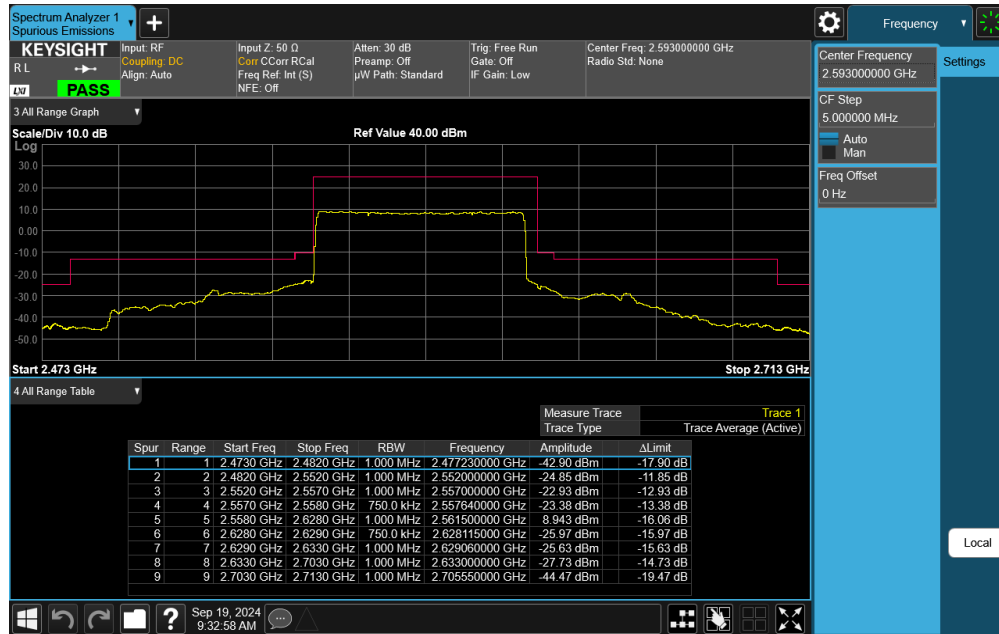


Plot 7-595. Upper ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

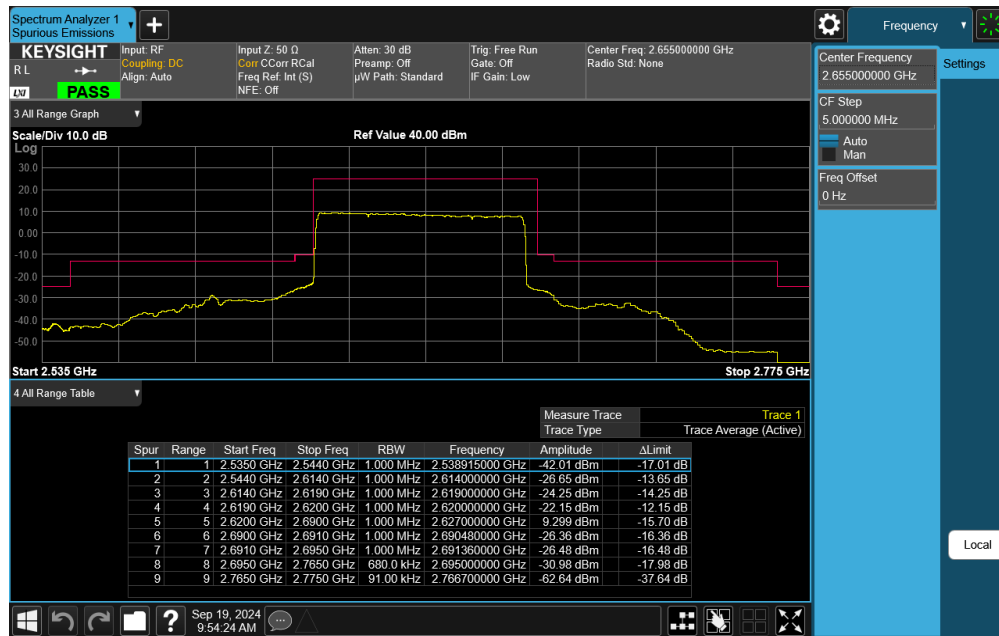


Plot 7-596. Lower ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 324 of 427



Plot 7-597. Middle ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

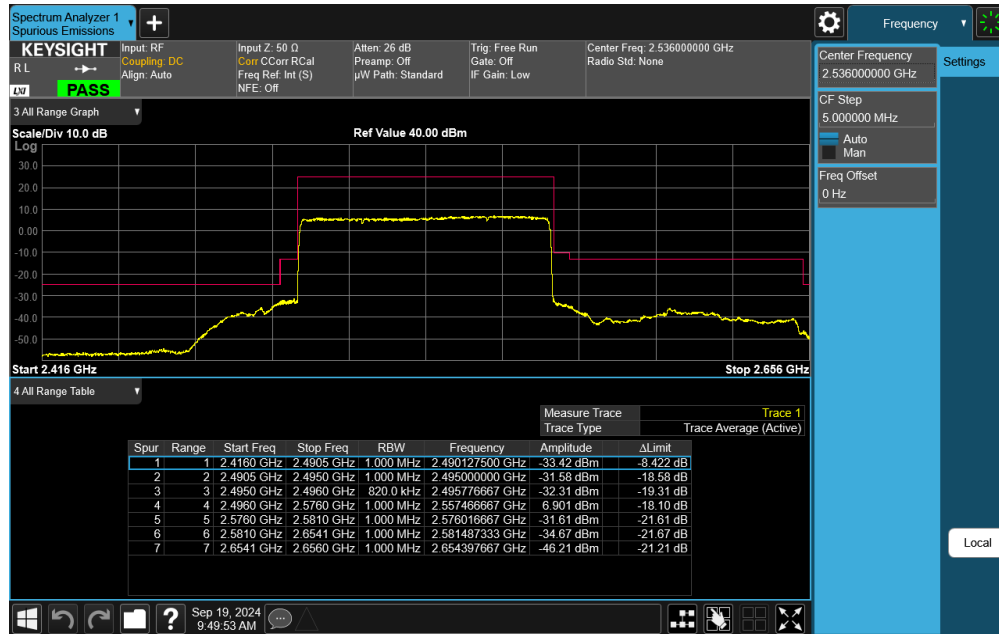


Plot 7-598. Upper ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

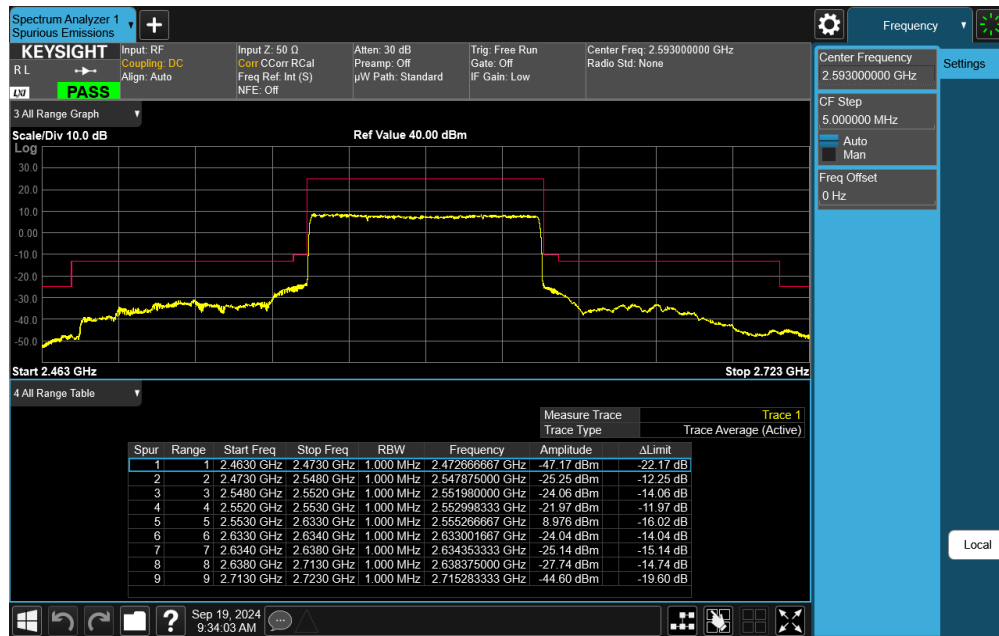
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 325 of 427

V2.2 09/07/2023

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Plot 7-599. Lower ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

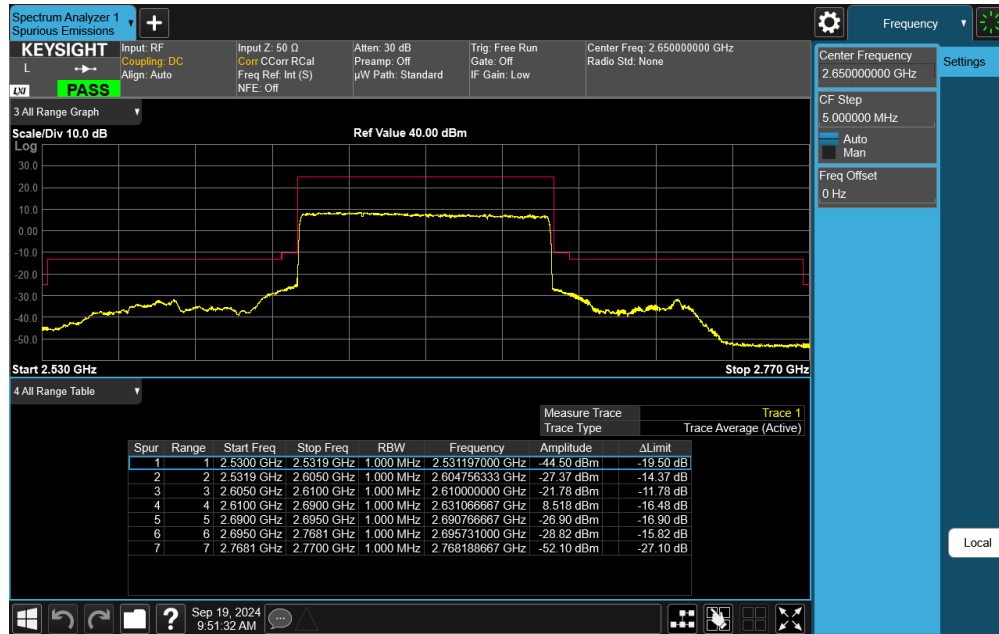


Plot 7-600. Middle ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

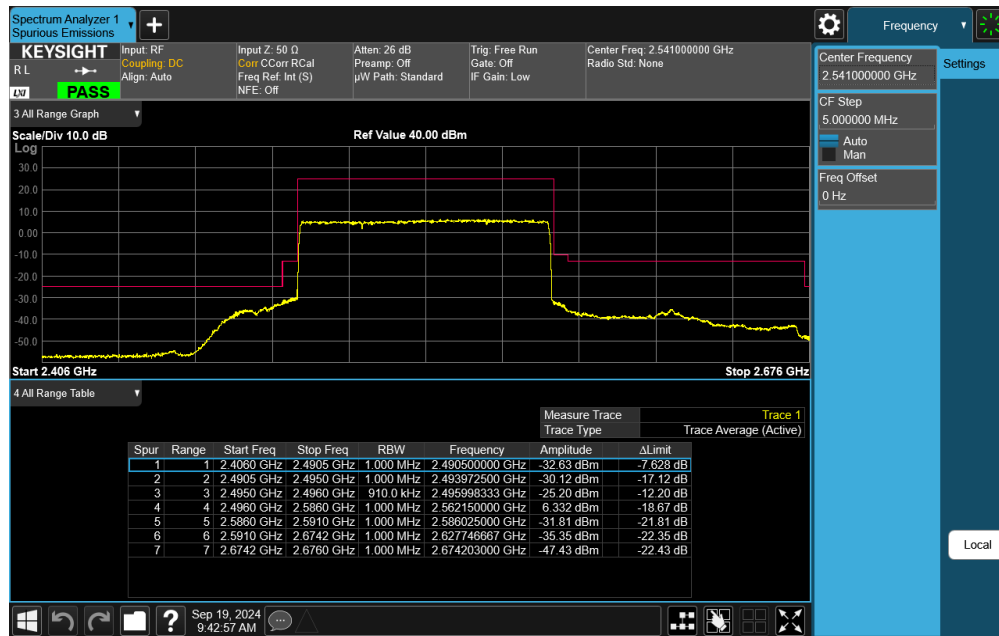
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 326 of 427

V2.2 09/07/2023

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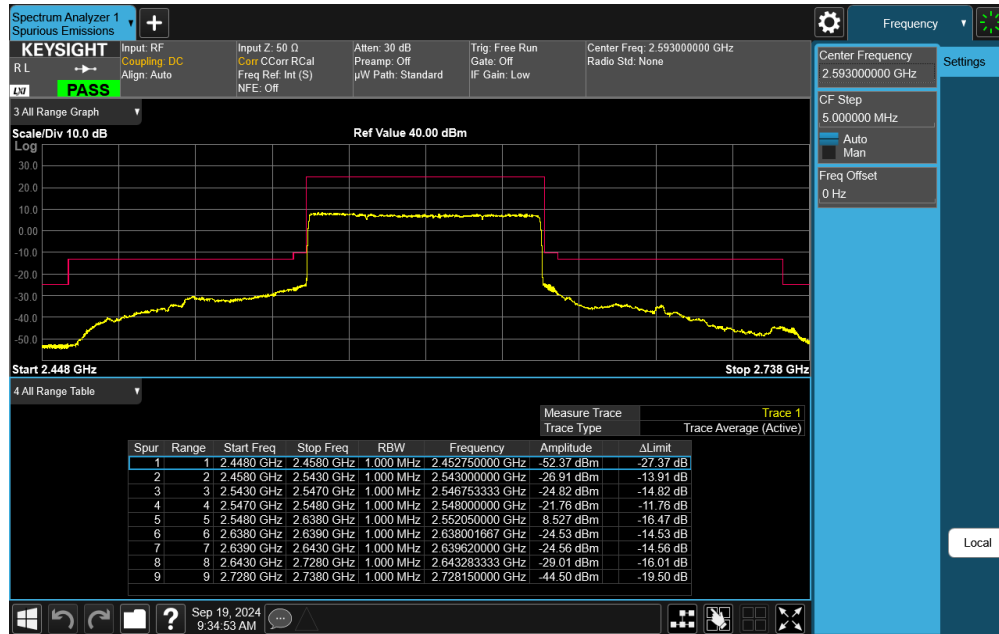


Plot 7-601. Upper ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

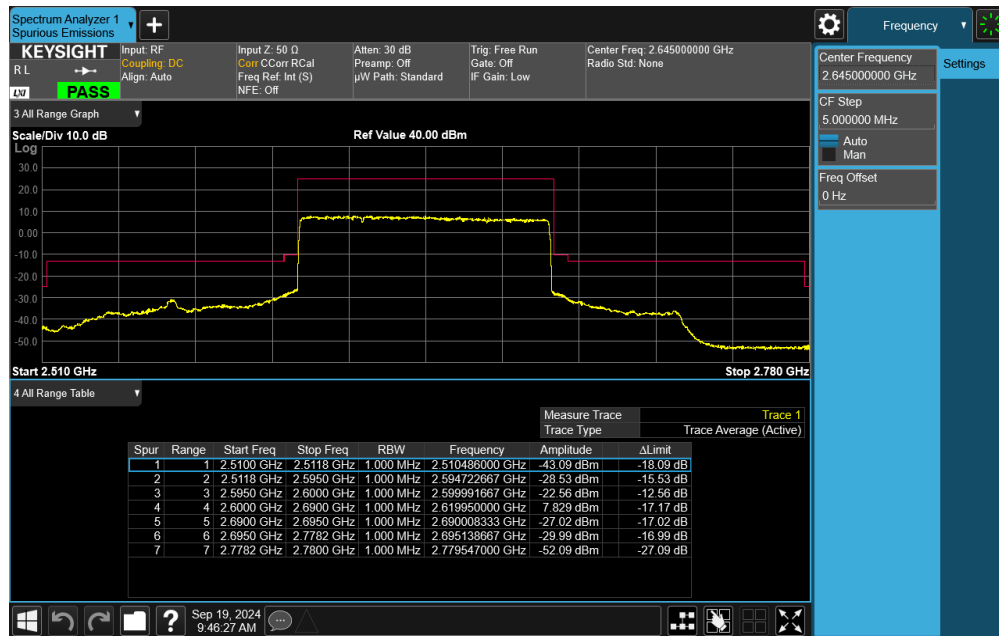


Plot 7-602. Lower ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 327 of 427



Plot 7-603. Middle ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

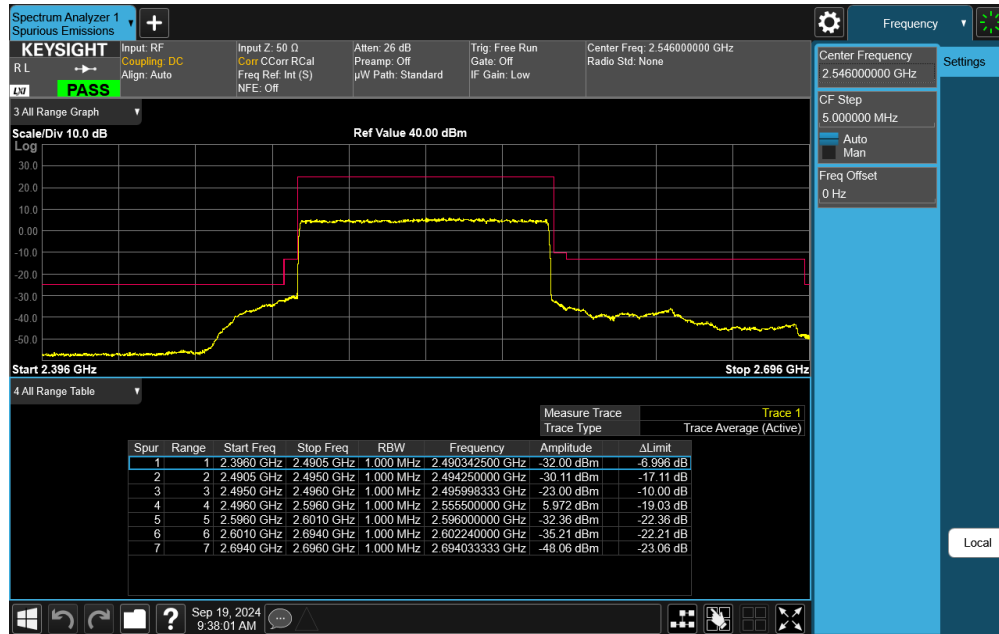


Plot 7-604. Upper ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

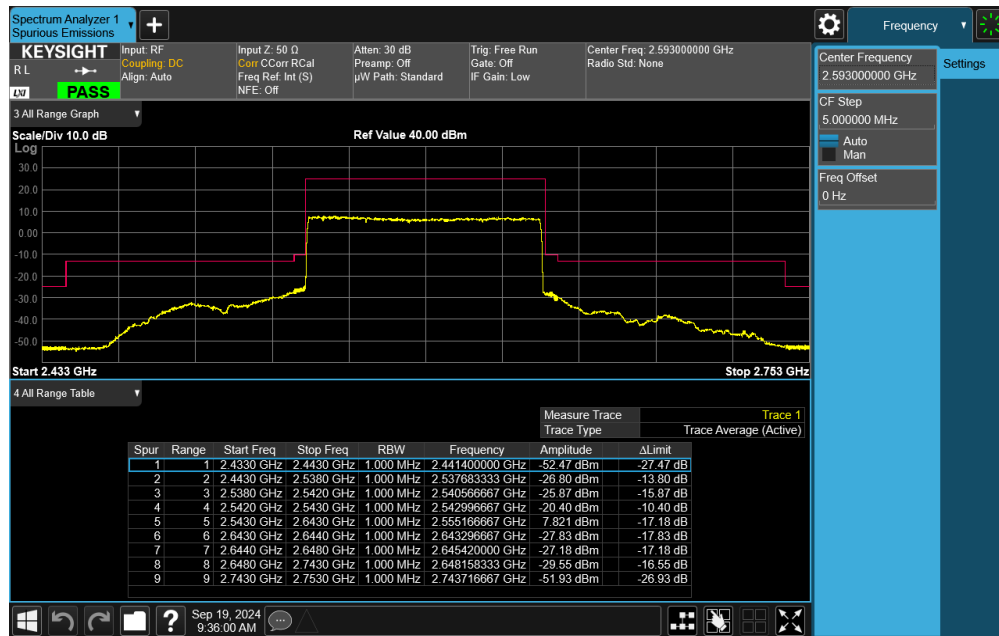
FCC ID: BCGA3267	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 328 of 427

V2.2 09/07/2023

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Plot 7-605. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

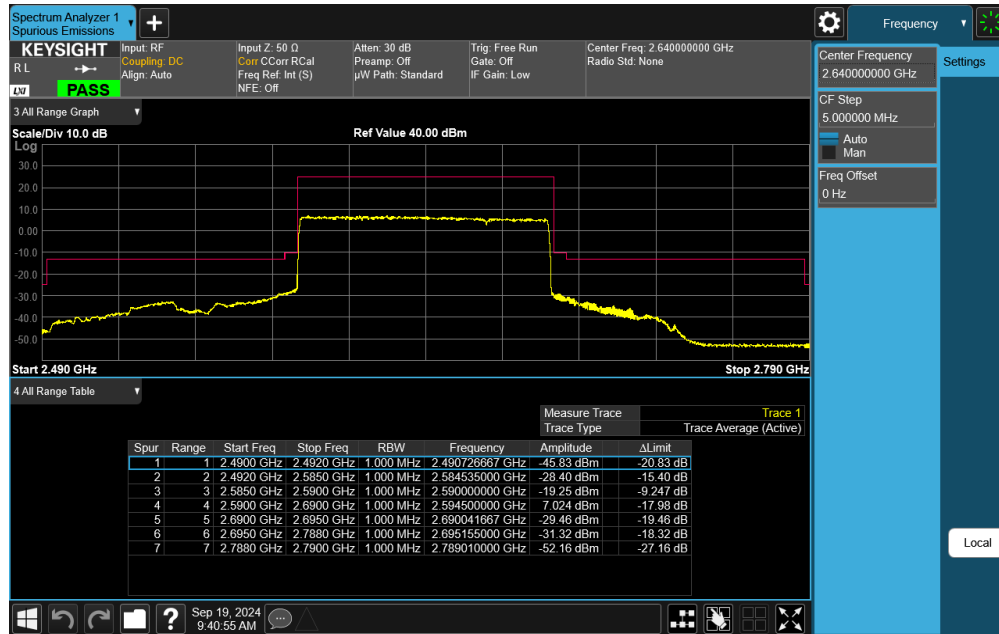


Plot 7-606. Middle ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 329 of 427

V2.2 09/07/2023

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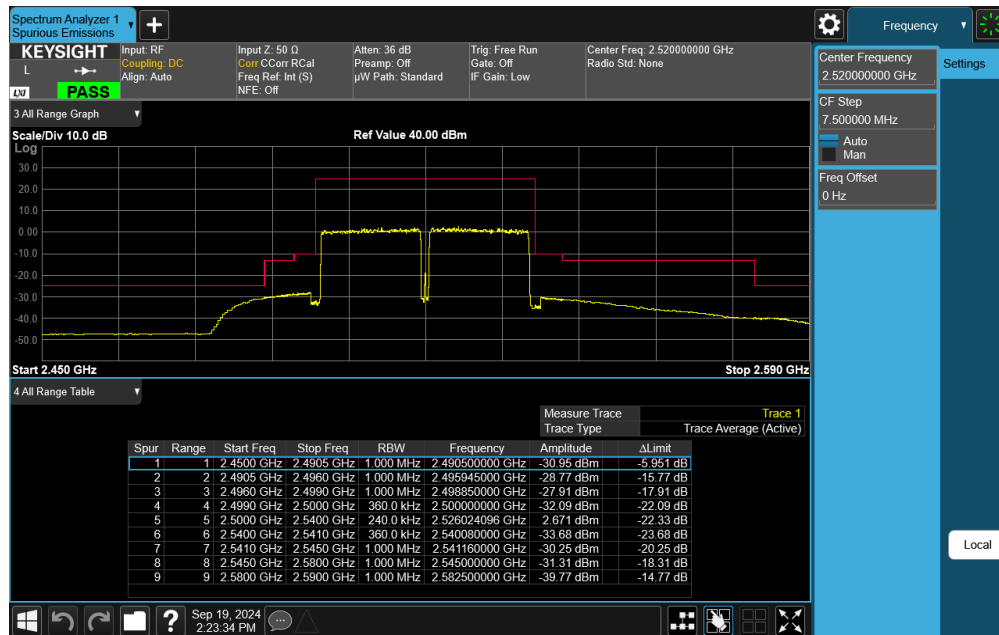
Plot 7-607. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 330 of 427

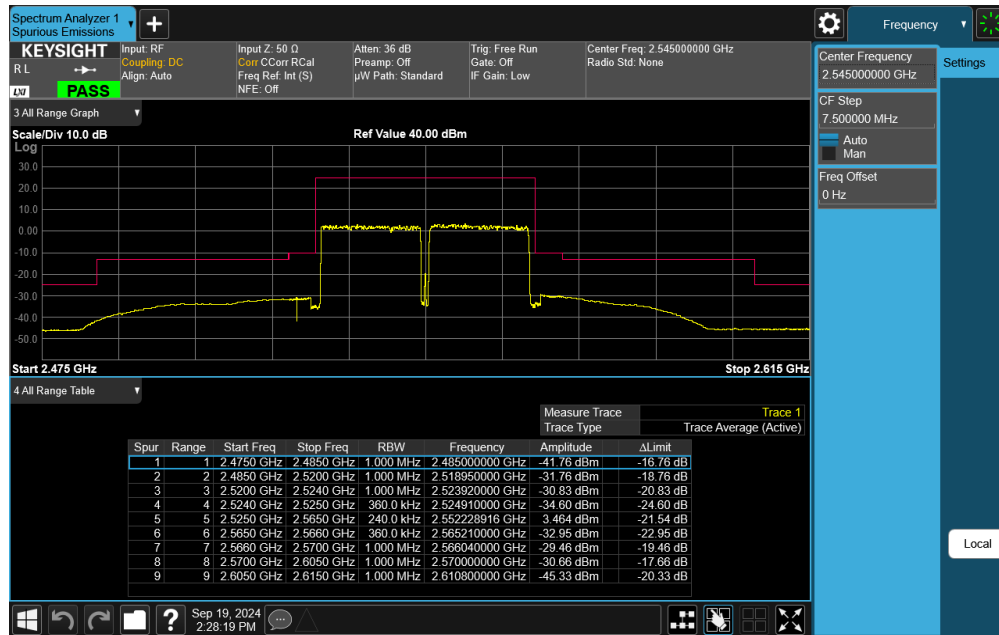
V2.2 09/07/2023

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ULCA - LTE Band 7



Plot 7-608. Lower ACP Plot (UCLA LTE B7 - (20+20)MHz QPSK - Full RB)

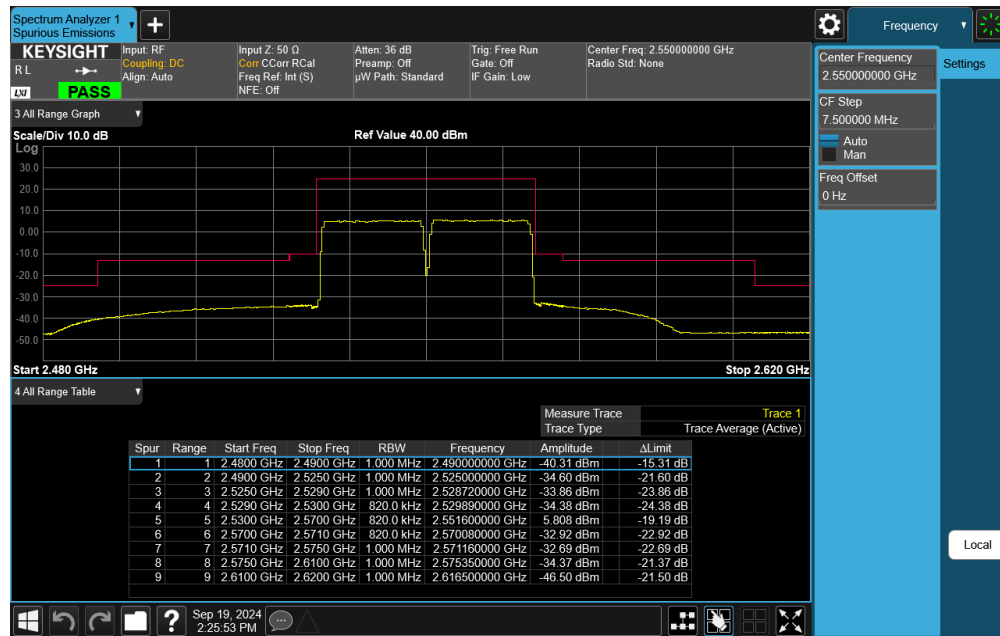


Plot 7-609. Middle ACP Plot (UCLA LTE B7 - (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 331 of 427

V2.2 09/07/2023

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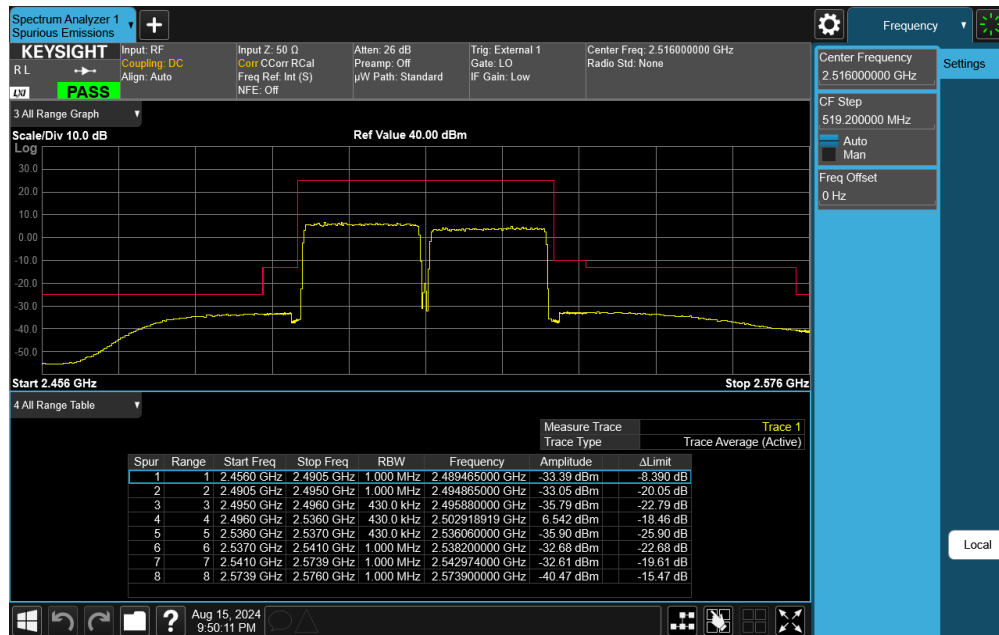


Plot 7-610. Upper ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

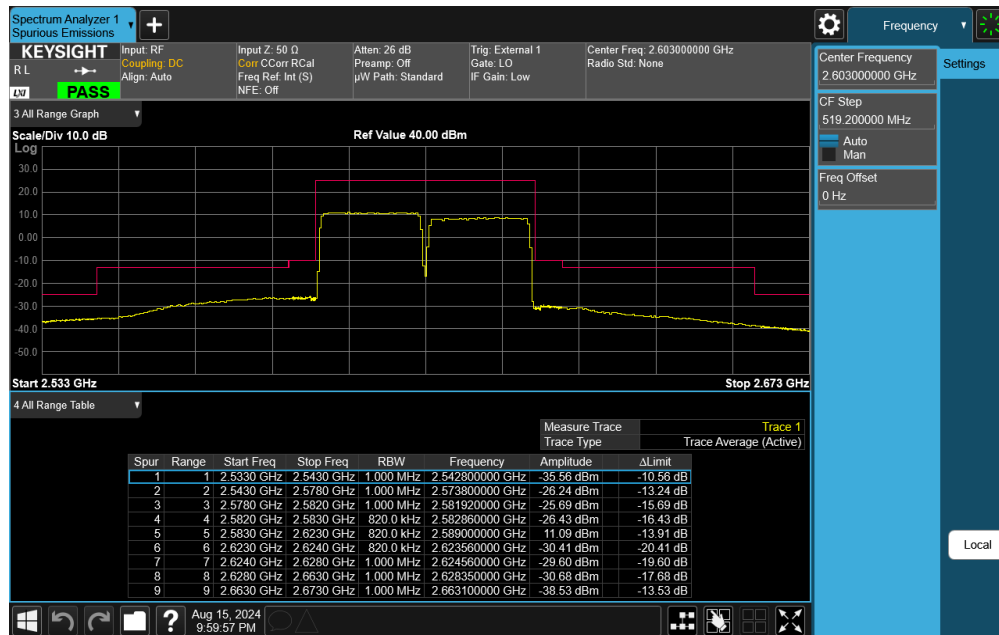
FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 332 of 427

V2.2 09/07/2023

ULCA - LTE Band 41



Plot 7-611. Lower ACP Plot (UCLA LTE B41 - (20+20)MHz QPSK - Full RB)

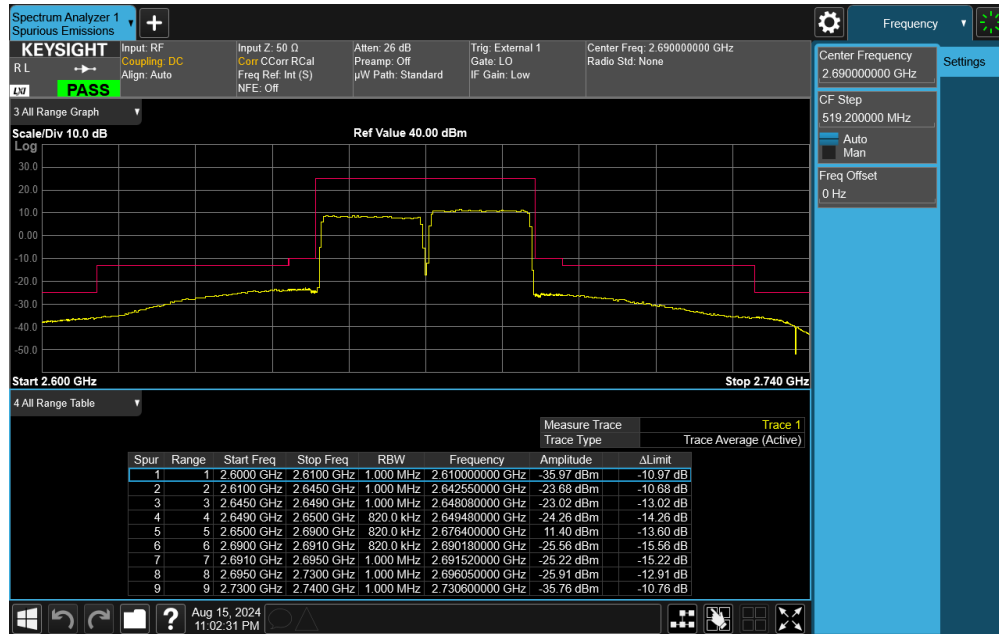


Plot 7-612. Middle ACP Plot (UCLA LTE B41 - (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3267	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 333 of 427

V2.2 09/07/2023

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Plot 7-613. Upper ACP Plot (UCLA LTE B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3267	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 334 of 427

V2.2 09/07/2023

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7.5 Additional Maximum Power Reduction (A-MPR)
§2.1046

Test Overview

A-MPR is implemented in this device when operating at Power Class 2 in LTE Band 41 per the A-MPR specification in 3GPP TS 36.101. The conducted powers are shown herein to cover the different A-MPR levels specified in the standard. Conducted power measurements are performed to measure the average output power of the EUT. The averaging is to be performed only over duration of active transmissions at maximum output power level. The average measurements do not include averaging over periods when the transmitter is quiescent or when operating at reduced power level. All ports were tested and only the worst case data were reported.

Test Procedure Used

KDB 971168 D01 v03

Test Setup

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

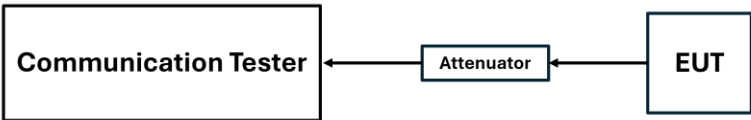


Figure 7-7. Conducted Power Measurement Setup

Test Notes

None.

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 335 of 427

V2.2 09/07/2023

Test Case	NS	MCC	MNC	Channel BW [MHz]	Channel Number	Channel Frequency [MHz]	RB Size	RB Offset	A-MPR [dB]	Modulation	MPR [dB]	Measured Power [dBm]	Lowest Typical Power [dBm]	Delta [dB]
1	01	312	530	5	39675	2498.5	1	0	3	QPSK	0	25.65	24.7	0.95
										16-QAM	1	24.82	23.7	1.12
										64-QAM	2	23.67	22.7	0.97
										256-QAM	4	21.72	20.7	1.02
2				5	39675	2498.5	1	9	0	QPSK	0	28.56	27.7	0.86
										16-QAM	1	28.12	26.7	1.42
										64-QAM	2	26.90	25.7	1.20
										256-QAM	4	24.22	23.7	0.52
3				10	39700	2501	1	0	5	QPSK	0	23.65	22.7	0.95
										16-QAM	1	23.11	21.7	1.41
										64-QAM	2	21.69	20.7	0.99
										256-QAM	4	19.88	18.7	1.18
4				10	39700	2501	20	0	2	QPSK	0	26.82	25.7	1.12
										16-QAM	1	26.21	24.7	1.51
										64-QAM	2	24.98	23.7	1.28
										256-QAM	4	22.56	21.7	0.86
5				10	39700	2501	50	0	3	QPSK	0	25.98	24.7	1.28
										16-QAM	1	25.22	23.7	1.52
										64-QAM	2	23.81	22.7	1.11
										256-QAM	4	21.32	20.7	0.62
6				10	39700	2501	25	20	1	QPSK	0	27.81	26.7	1.11
										16-QAM	1	26.99	25.7	1.29
										64-QAM	2	25.67	24.7	0.97
										256-QAM	4	23.54	22.7	0.84
7				10	39700	2501	1	36	0	QPSK	0	28.67	27.7	0.97
										16-QAM	1	27.88	26.7	1.18
										64-QAM	2	26.94	25.7	1.24
										256-QAM	4	25.12	23.7	1.42
8				15	39725	2503.5	1	0	5	QPSK	0	23.64	22.7	0.94
										16-QAM	1	22.87	21.7	1.17
										64-QAM	2	21.58	20.7	0.88
										256-QAM	4	19.67	18.7	0.97
9				15	39725	2503.5	20	0	2	QPSK	0	26.54	25.7	0.84
										16-QAM	1	25.65	24.7	0.95
										64-QAM	2	24.46	23.7	0.76
										256-QAM	4	22.47	21.7	0.77
10				15	39725	2503.5	75	0	4	QPSK	0	24.69	23.7	0.99
										16-QAM	1	23.45	22.7	0.75
										64-QAM	2	22.48	21.7	0.78
										256-QAM	4	21.62	19.7	1.92
11				15	39725	2503.5	50	15	3	QPSK	0	25.68	24.7	0.98
										16-QAM	1	24.43	23.7	0.73
										64-QAM	2	23.61	22.7	0.91
										256-QAM	4	21.32	20.7	0.62
12				15	39725	2503.5	1	60	0	QPSK	0	28.43	27.7	0.73
										16-QAM	1	27.54	26.7	0.84
										64-QAM	2	26.76	25.7	1.06
										256-QAM	4	24.64	23.7	0.94
13				20	39750	2506	1	0	5	QPSK	0	23.65	22.7	0.95
										16-QAM	1	22.42	21.7	0.72
										64-QAM	2	21.66	20.7	0.96
										256-QAM	4	19.32	18.7	0.62
14				20	39750	2506	20	0	2	QPSK	0	26.87	25.7	1.17
										16-QAM	1	25.35	24.7	0.65
										64-QAM	2	24.51	23.7	0.81
										256-QAM	4	22.66	21.7	0.96
15				20	39750	2506	100	0	4	QPSK	0	24.66	23.7	0.96
										16-QAM	1	23.52	22.7	0.82
										64-QAM	2	22.78	21.7	1.08
										256-QAM	4	20.95	19.7	1.25
16				20	39750	2506	75	24	3	QPSK	0	25.69	24.7	0.99
										16-QAM	1	24.52	23.7	0.82
										64-QAM	2	23.78	22.7	1.08
										256-QAM	4	21.65	20.7	0.95
17				20	39750	2506	1	77	0	QPSK	0	28.66	27.7	0.96
										16-QAM	1	27.52	26.7	0.82
										64-QAM	2	26.49	25.7	0.79
										256-QAM	4	24.61	23.7	0.91
18	01	311	490	5	39675	2498.5	1	0	3	QPSK	0	25.55	24.7	0.85
										16-QAM	1	24.95	23.7	1.25
										64-QAM	2	23.67	22.7	0.97
										256-QAM	4	21.84	20.7	1.14
19	01	001	01	5	39675	2498.5	1	0	0	QPSK	0	28.59	27.7	0.89
										16-QAM	1	27.91	26.7	1.21
										64-QAM	2	26.77	25.7	1.07
										256-QAM	4	24.72	23.7	1.02

Table 7-2. A-MPR Conducted Power Measurements

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 336 of 427

V2.2 09/07/2023

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7.6 Radiated Power (EIRP)

§27.50(a)(3), §27.50(h)(2)

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 ERP or 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.

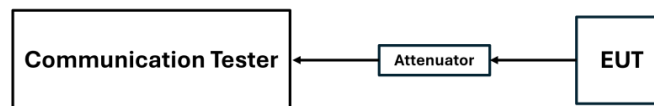


Figure 7-8. EIRP Measurement Setup

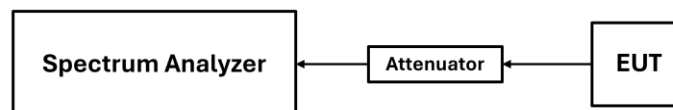


Figure 7-9. EIRP Measurement Setup

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 337 of 427

V2.2 09/07/2023

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. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
5. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
6. For ULCA, conducted power measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 338 of 427

V2.2 09/07/2023

7.6.1 Antenna 4 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	1.80	1 / 0	21.59	23.39	0.218	23.98	-0.59
		2310.0	1.80	1 / 0	21.43	23.23	0.210	23.98	-0.75
		2312.5	1.80	1 / 0	21.36	23.16	0.207	23.98	-0.82
	16-QAM	2310.0	1.80	1 / 0	21.57	23.37	0.217	23.98	-0.61
	64-QAM	2310.0	1.80	1 / 0	21.38	23.18	0.208	23.98	-0.80
	256-QAM	2312.5	1.80	1 / 0	20.34	22.14	0.164	23.98	-1.84
10 MHz	QPSK	2310.0	1.80	1 / 0	21.42	23.22	0.210	23.98	-0.76
	16-QAM	2310.0	1.80	1 / 49	21.38	23.18	0.208	23.98	-0.80
	64-QAM	2310.0	1.80	1 / 25	21.27	23.07	0.203	23.98	-0.91
	256-QAM	2310.0	1.80	1 / 0	20.52	22.32	0.171	23.98	-1.66

Table 7-3. Antenna 4 EIRP Data (LTE Band 30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 339 of 427

V2.2 09/07/2023

LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	1.60	1 / 0	25.70	27.30	0.537	33.01	-5.71
		2535.0	1.60	1 / 0	25.57	27.17	0.521	33.01	-5.84
		2567.5	1.60	1 / 0	25.32	26.92	0.492	33.01	-6.09
	16-QAM	2535.0	1.60	1 / 0	25.00	26.60	0.457	33.01	-6.41
	64-QAM	2502.5	1.60	1 / 0	23.81	25.41	0.348	33.01	-7.60
	256-QAM	2502.5	1.60	1 / 0	20.67	22.27	0.169	33.01	-10.74
10 MHz	QPSK	2505.0	1.60	1 / 25	25.52	27.12	0.515	33.01	-5.89
		2535.0	1.60	1 / 25	25.40	27.00	0.501	33.01	-6.01
		2565.0	1.60	1 / 25	25.36	26.96	0.497	33.01	-6.05
	16-QAM	2505.0	1.60	1 / 25	24.93	26.53	0.450	33.01	-6.48
	64-QAM	2505.0	1.60	1 / 25	23.88	25.48	0.353	33.01	-7.53
	256-QAM	2535.0	1.60	1 / 0	20.55	22.15	0.164	33.01	-10.86
15 MHz	QPSK	2507.5	1.60	1 / 0	25.43	27.03	0.505	33.01	-5.98
		2535.0	1.60	1 / 37	25.24	26.84	0.483	33.01	-6.17
		2562.5	1.60	1 / 0	25.37	26.97	0.498	33.01	-6.04
	16-QAM	2507.5	1.60	1 / 0	24.72	26.32	0.429	33.01	-6.69
	64-QAM	2507.5	1.60	1 / 37	23.66	25.26	0.336	33.01	-7.75
	256-QAM	2507.5	1.60	1 / 0	20.44	22.04	0.160	33.01	-10.97
	QPSK	2510.0	1.60	1 / 0	25.46	27.06	0.508	33.01	-5.95
		2535.0	1.60	1 / 0	25.39	26.99	0.500	33.01	-6.02
		2560.0	1.60	1 / 0	25.24	26.84	0.483	33.01	-6.17
	16-QAM	2535.0	1.60	1 / 0	24.94	26.54	0.451	33.01	-6.47
20 MHz	64-QAM	2535.0	1.60	1 / 0	23.69	25.29	0.338	33.01	-7.72
	256-QAM	2510.0	1.60	1 / 0	20.62	22.22	0.167	33.01	-10.79

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 340 of 427

V2.2 09/07/2023

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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.20	1 / 24	27.62	28.82	0.762	33.01	-4.19
		2593.0	1.20	1 / 24	27.46	28.66	0.735	33.01	-4.35
		2687.5	1.20	1 / 24	27.68	28.88	0.773	33.01	-4.13
	16-QAM	2498.5	1.20	1 / 24	26.72	27.92	0.619	33.01	-5.09
	64-QAM	2687.5	1.20	1 / 12	25.65	26.85	0.484	33.01	-6.16
	256-QAM	2498.5	1.20	1 / 12	22.78	23.98	0.250	33.01	-9.03
10 MHz	QPSK	2501.0	1.20	1 / 49	27.62	28.82	0.762	33.01	-4.19
		2593.0	1.20	1 / 49	27.58	28.78	0.755	33.01	-4.23
		2685.0	1.20	1 / 49	27.60	28.80	0.759	33.01	-4.21
	16-QAM	2593.0	1.20	1 / 49	26.68	27.88	0.614	33.01	-5.13
	64-QAM	2501.0	1.20	1 / 49	25.70	26.90	0.490	33.01	-6.11
	256-QAM	2501.0	1.20	1 / 49	22.74	23.94	0.248	33.01	-9.07
15 MHz	QPSK	2503.5	1.20	1 / 74	27.70	28.90	0.776	33.01	-4.11
		2593.0	1.20	1 / 74	27.60	28.80	0.759	33.01	-4.21
		2682.5	1.20	1 / 74	27.65	28.85	0.767	33.01	-4.16
	16-QAM	2503.5	1.20	1 / 74	26.63	27.83	0.607	33.01	-5.18
	64-QAM	2682.5	1.20	1 / 74	25.69	26.89	0.489	33.01	-6.12
	256-QAM	2682.5	1.20	1 / 74	22.81	24.01	0.252	33.01	-9.00
20 MHz	QPSK	2506.0	1.20	1 / 99	27.48	28.68	0.738	33.01	-4.33
		2593.0	1.20	1 / 99	27.65	28.85	0.767	33.01	-4.16
		2680.0	1.20	1 / 99	27.42	28.62	0.728	33.01	-4.39
	16-QAM	2680.0	1.20	1 / 99	26.61	27.81	0.604	33.01	-5.20
	64-QAM	2593.0	1.20	1 / 99	25.68	26.88	0.488	33.01	-6.13
	256-QAM	2593.0	1.20	1 / 99	22.82	24.02	0.252	33.01	-8.99

Table 7-5. Antenna 4 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 341 of 427

V2.2 09/07/2023

LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.20	1 / 24	25.61	26.81	0.480	33.01	-6.20
		2593.0	1.20	1 / 24	25.68	26.88	0.488	33.01	-6.13
		2687.5	1.20	1 / 0	25.52	26.72	0.470	33.01	-6.29
	16-QAM	2593.0	1.20	1 / 12	24.62	25.82	0.382	33.01	-7.19
	64-QAM	2498.5	1.20	1 / 0	23.61	24.81	0.303	33.01	-8.20
	256-QAM	2687.5	1.20	1 / 24	20.71	21.91	0.155	33.01	-11.10
10 MHz	QPSK	2501.0	1.20	1 / 49	25.52	26.72	0.470	33.01	-6.29
		2593.0	1.20	1 / 0	25.50	26.70	0.468	33.01	-6.31
		2685.0	1.20	1 / 0	25.58	26.78	0.476	33.01	-6.23
	16-QAM	2593.0	1.20	1 / 0	24.72	25.92	0.391	33.01	-7.09
	64-QAM	2501.0	1.20	1 / 0	23.65	24.85	0.305	33.01	-8.16
	256-QAM	2593.0	1.20	1 / 25	20.75	21.95	0.157	33.01	-11.06
15 MHz	QPSK	2503.5	1.20	1 / 74	25.70	26.90	0.490	33.01	-6.11
		2593.0	1.20	1 / 74	25.52	26.72	0.470	33.01	-6.29
		2682.5	1.20	1 / 0	25.61	26.81	0.480	33.01	-6.20
	16-QAM	2682.5	1.20	1 / 37	24.63	25.83	0.383	33.01	-7.18
	64-QAM	2682.5	1.20	1 / 74	23.70	24.90	0.309	33.01	-8.11
	256-QAM	2593.0	1.20	1 / 0	20.76	21.96	0.157	33.01	-11.05
20 MHz	QPSK	2506.0	1.20	1 / 50	25.62	26.82	0.481	33.01	-6.19
		2593.0	1.20	1 / 0	25.64	26.84	0.483	33.01	-6.17
		2680.0	1.20	1 / 50	25.70	26.90	0.490	33.01	-6.11
	16-QAM	2506.0	1.20	1 / 99	24.75	25.95	0.394	33.01	-7.06
	64-QAM	2593.0	1.20	1 / 0	23.69	24.89	0.308	33.01	-8.12
	256-QAM	2506.0	1.20	1 / 99	20.79	21.99	0.158	33.01	-11.02

Table 7-6. Antenna 4 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 342 of 427

V2.2 09/07/2023

NR Band n30

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	2307.5	1.80	1 / 23	21.14	22.94	0.197	23.98	-1.04
		2310.0	1.80	1 / 12	21.20	23.00	0.200	23.98	-0.98
		2312.5	1.80	1 / 12	21.22	23.02	0.200	23.98	-0.96
	QPSK	2307.5	1.80	1 / 12	21.15	22.95	0.197	23.98	-1.03
		2310.0	1.80	1 / 12	21.23	23.03	0.201	23.98	-0.95
		2312.5	1.80	1 / 12	21.30	23.10	0.204	23.98	-0.88
	16-QAM	2312.5	1.80	1 / 12	21.60	23.40	0.219	23.98	-0.58
	64-QAM	2307.5	1.80	1 / 12	21.39	23.19	0.208	23.98	-0.79
	256-QAM	2312.5	1.80	1 / 23	20.82	22.62	0.183	23.98	-1.36
10 MHz	$\pi/2$ BPSK	2310.0	1.80	1 / 25	21.45	23.25	0.212	23.98	-0.73
	QPSK	2310.0	1.80	1 / 25	21.45	23.25	0.211	23.98	-0.73
	16-QAM	2310.0	1.80	1 / 1	21.60	23.40	0.219	23.98	-0.58
	64-QAM	2310.0	1.80	1 / 25	21.40	23.20	0.209	23.98	-0.78
	256-QAM	2310.0	1.80	1 / 25	21.14	22.94	0.197	23.98	-1.04

Table 7-7. Antenna 4 EIRP Data (NR Band n30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 343 of 427

V2.2 09/07/2023

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	1.60	1 / 1	25.62	27.22	0.527	33.01	-5.79
		2535.0	1.60	1 / 12	25.70	27.30	0.537	33.01	-5.71
		2567.5	1.60	1 / 1	25.70	27.30	0.537	33.01	-5.71
	QPSK	2502.5	1.60	1 / 12	25.68	27.28	0.535	33.01	-5.73
		2535.0	1.60	1 / 12	25.58	27.18	0.522	33.01	-5.83
		2567.5	1.60	1 / 23	25.62	27.22	0.527	33.01	-5.79
	16-QAM	2502.5	1.60	1 / 12	24.72	26.32	0.429	33.01	-6.69
	64-QAM	2567.5	1.60	1 / 1	23.70	25.30	0.339	33.01	-7.71
	256-QAM	2535.0	1.60	1 / 12	20.73	22.33	0.171	33.01	-10.68
10 MHz	π/2 BPSK	2505.0	1.60	1 / 25	25.61	27.21	0.526	33.01	-5.80
		2535.0	1.60	1 / 25	25.61	27.21	0.526	33.01	-5.80
		2565.0	1.60	1 / 25	25.45	27.05	0.507	33.01	-5.96
		2505.0	1.60	1 / 25	25.43	27.03	0.505	33.01	-5.98
	QPSK	2535.0	1.60	1 / 25	25.64	27.24	0.530	33.01	-5.77
		2565.0	1.60	1 / 1	25.70	27.30	0.537	33.01	-5.71
		2565.0	1.60	1 / 50	24.70	26.30	0.427	33.01	-6.71
		2565.0	1.60	1 / 50	23.70	25.30	0.339	33.01	-7.71
	256-QAM	2535.0	1.60	1 / 50	20.78	22.38	0.173	33.01	-10.63
	π/2 BPSK	2507.5	1.60	1 / 73	25.53	27.13	0.516	33.01	-5.88
		2535.0	1.60	1 / 73	25.70	27.30	0.537	33.01	-5.71
		2562.5	1.60	1 / 37	25.53	27.13	0.516	33.01	-5.88
		2507.5	1.60	1 / 37	25.69	27.29	0.536	33.01	-5.72
15 MHz	QPSK	2535.0	1.60	1 / 73	25.65	27.25	0.531	33.01	-5.76
		2562.5	1.60	1 / 1	25.43	27.03	0.505	33.01	-5.98
		2562.5	1.60	1 / 37	24.70	26.30	0.427	33.01	-6.71
		2562.5	1.60	1 / 37	23.69	25.29	0.338	33.01	-7.72
	64-QAM	2535.0	1.60	1 / 37	20.80	22.40	0.174	33.01	-10.61
	256-QAM	2535.0	1.60	1 / 37	20.80	22.40	0.174	33.01	-10.61
	π/2 BPSK	2510.0	1.60	1 / 98	25.57	27.17	0.521	33.01	-5.84
		2535.0	1.60	1 / 50	25.51	27.11	0.514	33.01	-5.90
		2560.0	1.60	1 / 50	25.70	27.30	0.537	33.01	-5.71
		2510.0	1.60	1 / 50	25.45	27.05	0.507	33.01	-5.96
	QPSK	2535.0	1.60	1 / 50	25.68	27.28	0.535	33.01	-5.73
		2560.0	1.60	1 / 50	25.69	27.29	0.536	33.01	-5.72
		2510.0	1.60	1 / 50	24.67	26.27	0.424	33.01	-6.74
		2535.0	1.60	1 / 50	23.68	25.28	0.337	33.01	-7.73
	256-QAM	2510.0	1.60	1 / 1	20.74	22.34	0.171	33.01	-10.67
20 MHz	π/2 BPSK	2512.5	1.60	1 / 66	25.69	27.29	0.536	33.01	-5.72
		2535.0	1.60	1 / 66	25.49	27.09	0.512	33.01	-5.92
		2557.5	1.60	1 / 131	25.57	27.17	0.521	33.01	-5.84
		2512.5	1.60	1 / 1	25.58	27.18	0.522	33.01	-5.83
	QPSK	2535.0	1.60	1 / 1	25.64	27.24	0.530	33.01	-5.77
		2557.5	1.60	1 / 66	25.70	27.30	0.537	33.01	-5.71
		2535.0	1.60	1 / 66	24.66	26.26	0.423	33.01	-6.75
		2512.5	1.60	1 / 131	23.60	25.20	0.331	33.01	-7.81
	256-QAM	2512.5	1.60	1 / 1	20.69	22.29	0.169	33.01	-10.72
	π/2 BPSK	2515.0	1.60	1 / 1	25.55	27.15	0.519	33.01	-5.86
		2535.0	1.60	1 / 80	25.60	27.20	0.525	33.01	-5.81
		2555.0	1.60	1 / 80	25.70	27.30	0.537	33.01	-5.71
		2515.0	1.60	1 / 80	25.50	27.10	0.513	33.01	-5.91
30 MHz	QPSK	2535.0	1.60	1 / 1	25.61	27.21	0.526	33.01	-5.80
		2555.0	1.60	1 / 80	25.53	27.13	0.516	33.01	-5.88
		2515.0	1.60	1 / 158	24.55	26.15	0.412	33.01	-6.86
		2535.0	1.60	1 / 1	23.70	25.30	0.339	33.01	-7.71
	256-QAM	2555.0	1.60	1 / 158	20.69	22.29	0.169	33.01	-10.72
	π/2 BPSK	2517.5	1.60	1 / 108	25.61	27.21	0.526	33.01	-5.80
		2535.0	1.60	1 / 108	25.67	27.27	0.533	33.01	-5.74
		2552.5	1.60	1 / 1	25.70	27.30	0.537	33.01	-5.71
		2517.5	1.60	1 / 1	25.53	27.13	0.516	33.01	-5.88
	QPSK	2535.0	1.60	1 / 108	25.57	27.17	0.521	33.01	-5.84
		2552.5	1.60	1 / 108	25.31	26.91	0.491	33.01	-6.10
		2535.0	1.60	1 / 1	24.57	26.17	0.414	33.01	-6.84
		2517.5	1.60	1 / 1	23.67	25.27	0.337	33.01	-7.74
	256-QAM	2552.5	1.60	1 / 1	20.76	22.36	0.172	33.01	-10.65
40 MHz	π/2 BPSK	2520.0	1.60	1 / 1	25.65	27.25	0.531	33.01	-5.76
		2535.0	1.60	1 / 214	25.69	27.29	0.536	33.01	-5.72
		2550.0	1.60	1 / 214	25.53	27.13	0.516	33.01	-5.88
		2520.0	1.60	1 / 1	25.70	27.30	0.537	33.01	-5.71
	QPSK	2535.0	1.60	1 / 1	25.67	27.27	0.533	33.01	-5.74
		2550.0	1.60	1 / 214	25.69	27.29	0.536	33.01	-5.72
		2520.0	1.60	1 / 214	24.68	26.28	0.425	33.01	-6.73
		2550.0	1.60	1 / 214	23.68	25.28	0.337	33.01	-7.73
	256-QAM	2520.0	1.60	1 / 1	20.77	22.37	0.173	33.01	-10.64

Table 7-8. Antenna 4 EIRP Data (NR Band n7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 344 of 427

V2.2 09/07/2023

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	1.20	1 / 22	27.70	26.90	0.776	33.01	-4.11
		2593.0	1.20	1 / 22	27.69	26.89	0.774	33.01	-4.12
		2685.0	1.20	1 / 12	27.65	28.85	0.767	33.01	-4.16
	QPSK	2501.0	1.20	1 / 22	27.63	28.83	0.764	33.01	-4.18
		2593.0	1.20	1 / 12	27.63	28.83	0.764	33.01	-4.18
		2685.0	1.20	1 / 22	27.55	28.75	0.750	33.01	-4.26
	16-QAM	2593.0	1.20	1 / 22	26.94	28.14	0.652	33.01	-4.87
		2593.0	1.20	1 / 22	25.74	26.94	0.494	33.01	-6.07
		2593.0	1.20	1 / 12	23.34	24.54	0.284	33.01	-8.47
	256-QAM	2593.0	1.20	1 / 12	23.34	24.54	0.284	33.01	-8.47
15 MHz	11/2 BPSK	2503.5	1.20	1 / 18	27.42	28.62	0.728	33.01	-4.39
		2593.0	1.20	1 / 18	27.70	26.90	0.776	33.01	-4.11
		2682.5	1.20	1 / 36	27.64	28.84	0.766	33.01	-4.17
	QPSK	2503.5	1.20	1 / 36	27.65	28.85	0.767	33.01	-4.16
		2593.0	1.20	1 / 36	27.65	28.85	0.767	33.01	-4.16
		2682.5	1.20	1 / 36	27.46	28.66	0.735	33.01	-4.35
	16-QAM	2682.5	1.20	1 / 18	26.67	27.87	0.612	33.01	-5.14
		2593.0	1.20	1 / 18	25.06	26.26	0.423	33.01	-6.75
		2593.0	1.20	1 / 36	23.33	24.53	0.284	33.01	-8.48
	256-QAM	2593.0	1.20	1 / 36	23.33	24.53	0.284	33.01	-8.48
20 MHz	11/2 BPSK	2506.0	1.20	1 / 25	27.67	26.87	0.771	33.01	-4.14
		2593.0	1.20	1 / 25	27.70	26.90	0.776	33.01	-4.11
		2680.0	1.20	1 / 49	27.59	28.79	0.757	33.01	-4.22
	QPSK	2506.0	1.20	1 / 49	27.57	28.77	0.753	33.01	-4.24
		2593.0	1.20	1 / 49	27.67	28.87	0.770	33.01	-4.15
		2680.0	1.20	1 / 25	27.53	28.73	0.746	33.01	-4.28
	16-QAM	2593.0	1.20	1 / 49	26.91	28.11	0.648	33.01	-4.90
		2593.0	1.20	1 / 49	25.21	26.41	0.438	33.01	-6.60
		2593.0	1.20	1 / 49	23.34	24.54	0.284	33.01	-8.47
	256-QAM	2593.0	1.20	1 / 49	23.34	24.54	0.284	33.01	-8.47
30 MHz	11/2 BPSK	2511.0	1.20	1 / 36	27.57	28.77	0.753	33.01	-4.24
		2593.0	1.20	1 / 76	27.67	26.87	0.771	33.01	-4.14
		2673.0	1.20	1 / 36	27.66	28.86	0.769	33.01	-4.15
	QPSK	2511.0	1.20	1 / 36	27.58	28.78	0.755	33.01	-4.23
		2593.0	1.20	1 / 76	27.56	28.76	0.752	33.01	-4.25
		2673.0	1.20	1 / 36	27.55	28.75	0.750	33.01	-4.26
	16-QAM	2593.0	1.20	1 / 76	26.75	27.95	0.624	33.01	-5.06
		2593.0	1.20	1 / 76	25.60	26.80	0.479	33.01	-6.21
		2673.0	1.20	1 / 36	23.26	24.46	0.279	33.01	-8.55
	256-QAM	2673.0	1.20	1 / 36	23.26	24.46	0.279	33.01	-8.55
40 MHz	11/2 BPSK	2516.0	1.20	1 / 104	27.58	28.78	0.755	33.01	-4.23
		2593.0	1.20	1 / 104	27.64	28.84	0.766	33.01	-4.17
		2670.0	1.20	1 / 50	27.70	26.90	0.775	33.01	-4.11
	QPSK	2516.0	1.20	1 / 104	27.51	28.71	0.743	33.01	-4.30
		2593.0	1.20	1 / 104	27.52	28.72	0.745	33.01	-4.29
		2670.0	1.20	1 / 50	27.12	28.32	0.680	33.01	-4.69
	16-QAM	2593.0	1.20	1 / 50	26.66	27.86	0.611	33.01	-5.15
		2593.0	1.20	1 / 104	25.43	26.63	0.460	33.01	-6.38
		2670.0	1.20	1 / 104	23.43	24.63	0.291	33.01	-8.38
	256-QAM	2670.0	1.20	1 / 104	23.43	24.63	0.291	33.01	-8.38
50 MHz	11/2 BPSK	2521.0	1.20	1 / 131	27.56	28.76	0.752	33.01	-4.25
		2593.0	1.20	1 / 64	27.67	26.87	0.770	33.01	-4.14
		2665.0	1.20	1 / 64	27.34	28.54	0.715	33.01	-4.47
	QPSK	2521.0	1.20	1 / 131	27.58	28.78	0.755	33.01	-4.23
		2593.0	1.20	1 / 131	27.31	28.51	0.709	33.01	-4.90
		2665.0	1.20	1 / 64	27.42	28.62	0.728	33.01	-4.39
	16-QAM	2593.0	1.20	1 / 131	26.48	27.68	0.586	33.01	-5.33
		2593.0	1.20	1 / 131	25.23	26.43	0.440	33.01	-6.58
		2593.0	1.20	1 / 64	23.21	24.41	0.276	33.01	-8.60
	256-QAM	2593.0	1.20	1 / 64	23.21	24.41	0.276	33.01	-8.60
60 MHz	11/2 BPSK	2526.0	1.20	1 / 81	27.51	28.71	0.743	33.01	-4.30
		2593.0	1.20	1 / 81	27.70	26.90	0.776	33.01	-4.11
		2660.0	1.20	1 / 81	27.70	26.90	0.776	33.01	-4.11
	QPSK	2526.0	1.20	1 / 160	27.34	28.54	0.714	33.01	-4.47
		2593.0	1.20	1 / 81	27.56	28.76	0.752	33.01	-4.25
		2660.0	1.20	1 / 160	27.34	28.54	0.714	33.01	-4.47
	16-QAM	2593.0	1.20	1 / 160	26.45	27.65	0.581	33.01	-5.36
		2593.0	1.20	1 / 160	25.13	26.33	0.430	33.01	-6.68
		2593.0	1.20	1 / 81	23.25	24.45	0.279	33.01	-8.56
	256-QAM	2593.0	1.20	1 / 81	23.25	24.45	0.279	33.01	-8.56
70 MHz	11/2 BPSK	2531.0	1.20	1 / 187	27.68	28.88	0.772	33.01	-4.13
		2593.0	1.20	1 / 187	27.70	26.90	0.776	33.01	-4.11
		2655.0	1.20	1 / 90	27.61	28.81	0.760	33.01	-4.20
	QPSK	2531.0	1.20	1 / 187	27.66	28.86	0.768	33.01	-4.15
		2593.0	1.20	1 / 90	27.37	28.57	0.720	33.01	-4.44
		2655.0	1.20	1 / 90	27.47	28.67	0.736	33.01	-4.34
	16-QAM	2531.0	1.20	1 / 187	26.73	27.93	0.621	33.01	-5.08
		2593.0	1.20	1 / 90	25.31	26.51	0.448	33.01	-6.50
		2531.0	1.20	1 / 90	23.20	24.40	0.276	33.01	-8.61
	256-QAM	2531.0	1.20	1 / 90	23.20	24.40	0.276	33.01	-8.61
80 MHz	11/2 BPSK	2536.0	1.20	1 / 108	27.61	28.81	0.761	33.01	-4.20
		2593.0	1.20	1 / 215	27.63	28.83	0.764	33.01	-4.18
		2650.0	1.20	1 / 108	27.70	26.90	0.776	33.01	-4.11
	QPSK	2536.0	1.20	1 / 215	27.69	28.89	0.774	33.01	-4.12
		2593.0	1.20	1 / 108	27.25	28.45	0.700	33.01	-4.56
		2650.0	1.20	1 / 108	27.28	28.48	0.705	33.01	-4.53
	16-QAM	2536.0	1.20	1 / 215	26.56	27.76	0.597	33.01	-5.25
		2593.0	1.20	1 / 215	25.34	26.54	0.451	33.01	-6.47
		2536.0	1.20	1 / 215	23.28	24.48	0.281	33.01	-8.53
	256-QAM	2536.0	1.20	1 / 215	23.28	24.48	0.281	33.01	-8.53
90 MHz	11/2 BPSK	2541.0	1.20	1 / 120	27.70	26.90	0.776	33.01	-4.11
		2593.0	1.20	1 / 243	27.58	28.78	0.756	33.01	-4.23
		2645.0	1.20	1 / 120	27.51	28.71	0.744	33.01	-4.30
	QPSK	2541.0	1.20	1 / 243	27.57	28.77	0.753	33.01	-4.24
		2593.0	1.20	1 / 120	27.34	28.54	0.714	33.01	-4.47
		2645.0	1.20	1 / 120	27.50	28.70	0.741	33.01	-4.31
	16-QAM	2541.0	1.20	1 / 243	26.82	28.02	0.634	33.01	-4.99
		2645.0	1.20	1 / 120	25.34	26.54	0.451	33.01	-6.47
		2593.0	1.20	1 / 243	23.49	24.69	0.294	33.01	-8.32
	256-QAM	2593.0	1.20	1 / 243	23.49	24.69	0.294	33.01	-8.32
100 MHz	11/2 BPSK	2546.0	1.20	1 / 271	27.70	26.90	0.776	33.01	-4.11
		2593.0	1.20	1 / 271	27.56	28.76	0.751	33.01	-4.25
		2640.0	1.20	1 / 135	27.40	28.60	0.725	33.01	-4.41
	QPSK	2546.0	1.20	1 / 271	27.32	28.52	0.711	33.01	-4.49
		2593.0	1.20	1 / 135	27.45	28.65	0.733	33.01	-4.36
		2640.0	1.20	1 / 135	27.33	28.53	0.713	33.01	-4.48
	16-QAM	2640.0	1.20	1 / 135	26.41	27.61	0.577	33.01	-5.40
		2640.0	1.20	1 / 135	25.22	26.42	0.439	33.01	-6.59
		2593.0	1.20	1 / 135	23.42	24.62	0.290	33.01	-8.39
	256-QAM	2593.0	1.20	1 / 135	23.42	24.62	0.290	33.01	-8.39

Table 7-9. Antenna 4 EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 345 of 427

V2.2 09/07/2023

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	1.20	1 / 12	25.62	26.82	0.481	33.01	-6.19
		2593.0	1.20	1 / 12	25.68	26.88	0.487	33.01	-6.13
		2685.0	1.20	1 / 12	25.67	26.87	0.486	33.01	-6.14
	QPSK	2501.0	1.20	1 / 12	25.62	26.82	0.481	33.01	-6.19
		2593.0	1.20	1 / 12	25.67	26.87	0.486	33.01	-6.14
		2685.0	1.20	1 / 12	25.61	26.81	0.480	33.01	-6.20
	16-QAM	2501.0	1.20	1 / 12	24.79	25.99	0.397	33.01	-7.02
		2593.0	1.20	1 / 12	22.99	24.19	0.262	33.01	-8.82
		2685.0	1.20	1 / 12	21.42	22.62	0.163	33.01	-10.39
	256-QAM	2593.0	1.20	1 / 36	25.62	26.82	0.481	33.01	-6.19
15 MHz	11/2 BPSK	2503.5	1.20	1 / 18	25.62	26.82	0.481	33.01	-6.19
		2593.0	1.20	1 / 18	25.62	26.82	0.481	33.01	-6.19
		2682.5	1.20	1 / 36	25.55	26.75	0.473	33.01	-6.26
	QPSK	2503.5	1.20	1 / 36	25.63	26.83	0.482	33.01	-6.18
		2593.0	1.20	1 / 36	25.68	26.88	0.488	33.01	-6.13
		2682.5	1.20	1 / 36	25.61	26.81	0.479	33.01	-6.20
	16-QAM	2503.5	1.20	1 / 36	24.90	26.10	0.408	33.01	-6.91
		2593.0	1.20	1 / 18	22.93	24.13	0.259	33.01	-8.88
		2682.5	1.20	1 / 18	21.34	22.54	0.180	33.01	-10.47
	256-QAM	2593.0	1.20	1 / 18	21.34	22.54	0.180	33.01	-10.47
20 MHz	11/2 BPSK	2506.0	1.20	1 / 25	25.67	26.87	0.486	33.01	-6.14
		2593.0	1.20	1 / 25	25.69	26.89	0.489	33.01	-6.12
		2680.0	1.20	1 / 49	25.67	26.87	0.487	33.01	-6.14
	QPSK	2506.0	1.20	1 / 25	25.63	26.83	0.482	33.01	-6.18
		2593.0	1.20	1 / 49	25.70	26.90	0.490	33.01	-6.11
		2680.0	1.20	1 / 49	25.61	26.81	0.480	33.01	-6.20
	16-QAM	2593.0	1.20	1 / 49	24.93	26.13	0.410	33.01	-6.88
		2593.0	1.20	1 / 25	22.93	24.13	0.259	33.01	-8.88
		2593.0	1.20	1 / 49	21.16	22.36	0.172	33.01	-10.65
	256-QAM	2593.0	1.20	1 / 49	21.16	22.36	0.172	33.01	-10.65
30 MHz	11/2 BPSK	2511.0	1.20	1 / 76	25.65	26.85	0.484	33.01	-6.16
		2593.0	1.20	1 / 76	25.70	26.90	0.490	33.01	-6.11
		2675.0	1.20	1 / 36	25.67	26.87	0.486	33.01	-6.14
	QPSK	2511.0	1.20	1 / 76	25.68	26.88	0.487	33.01	-6.13
		2593.0	1.20	1 / 76	25.69	26.89	0.489	33.01	-6.12
		2675.0	1.20	1 / 36	25.59	26.79	0.478	33.01	-6.22
	16-QAM	2593.0	1.20	1 / 76	24.71	25.91	0.390	33.01	-7.10
		2511.0	1.20	1 / 76	23.12	24.32	0.270	33.01	-8.69
		2511.0	1.20	1 / 76	21.22	22.42	0.175	33.01	-10.59
	256-QAM	2511.0	1.20	1 / 76	21.22	22.42	0.175	33.01	-10.59
40 MHz	11/2 BPSK	2516.0	1.20	1 / 104	25.62	26.82	0.481	33.01	-6.19
		2593.0	1.20	1 / 104	25.64	26.84	0.483	33.01	-6.17
		2670.0	1.20	1 / 104	25.60	26.80	0.479	33.01	-6.21
	QPSK	2516.0	1.20	1 / 104	25.70	26.90	0.490	33.01	-6.11
		2593.0	1.20	1 / 50	25.64	26.84	0.483	33.01	-6.17
		2670.0	1.20	1 / 50	25.62	26.82	0.481	33.01	-6.19
	16-QAM	2593.0	1.20	1 / 104	24.90	26.10	0.407	33.01	-6.91
		2516.0	1.20	1 / 104	22.95	24.15	0.260	33.01	-8.86
		2593.0	1.20	1 / 104	21.20	22.40	0.174	33.01	-10.61
	256-QAM	2593.0	1.20	1 / 104	21.20	22.40	0.174	33.01	-10.61
50 MHz	11/2 BPSK	2521.0	1.20	1 / 131	25.60	26.80	0.479	33.01	-6.21
		2593.0	1.20	1 / 64	25.70	26.90	0.490	33.01	-6.11
		2665.0	1.20	1 / 131	25.63	26.83	0.482	33.01	-6.18
	QPSK	2521.0	1.20	1 / 131	25.56	26.76	0.474	33.01	-6.25
		2593.0	1.20	1 / 131	25.60	26.80	0.479	33.01	-6.21
		2665.0	1.20	1 / 64	25.67	26.87	0.487	33.01	-6.14
	16-QAM	2665.0	1.20	1 / 131	24.86	26.06	0.404	33.01	-6.95
		2521.0	1.20	1 / 64	22.93	24.13	0.259	33.01	-8.88
		2593.0	1.20	1 / 131	21.13	22.33	0.171	33.01	-10.68
	256-QAM	2593.0	1.20	1 / 131	21.13	22.33	0.171	33.01	-10.68
60 MHz	11/2 BPSK	2526.0	1.20	1 / 160	25.63	26.83	0.482	33.01	-6.18
		2593.0	1.20	1 / 160	25.64	26.84	0.483	33.01	-6.17
		2660.0	1.20	1 / 81	25.53	26.73	0.471	33.01	-6.28
	QPSK	2526.0	1.20	1 / 160	25.63	26.83	0.482	33.01	-6.18
		2593.0	1.20	1 / 81	25.69	26.89	0.489	33.01	-6.12
		2660.0	1.20	1 / 160	25.64	26.84	0.483	33.01	-6.17
	16-QAM	2593.0	1.20	1 / 160	24.66	25.86	0.385	33.01	-7.15
		2660.0	1.20	1 / 160	22.87	24.07	0.255	33.01	-8.94
		2593.0	1.20	1 / 160	21.13	22.33	0.171	33.01	-10.68
	256-QAM	2593.0	1.20	1 / 160	21.13	22.33	0.171	33.01	-10.68
70 MHz	11/2 BPSK	2531.0	1.20	1 / 90	25.66	26.86	0.485	33.01	-6.15
		2593.0	1.20	1 / 187	25.65	26.85	0.484	33.01	-6.16
		2655.0	1.20	1 / 90	25.66	26.86	0.485	33.01	-6.15
	QPSK	2531.0	1.20	1 / 90	25.69	26.89	0.488	33.01	-6.12
		2593.0	1.20	1 / 90	25.70	26.90	0.490	33.01	-6.11
		2655.0	1.20	1 / 187	25.62	26.82	0.481	33.01	-6.19
	16-QAM	2655.0	1.20	1 / 90	24.87	26.07	0.404	33.01	-6.94
		2593.0	1.20	1 / 90	22.93	24.13	0.259	33.01	-8.88
		2593.0	1.20	1 / 187	21.15	22.35	0.172	33.01	-10.66
	256-QAM	2593.0	1.20	1 / 187	21.15	22.35	0.172	33.01	-10.66
80 MHz	11/2 BPSK	2536.0	1.20	1 / 108	25.60	26.80	0.478	33.01	-6.21
		2593.0	1.20	1 / 108	25.58	26.78	0.477	33.01	-6.23
		2650.0	1.20	1 / 108	25.67	26.87	0.487	33.01	-6.14
	QPSK	2536.0	1.20	1 / 215	25.70	26.90	0.490	33.01	-6.11
		2593.0	1.20	1 / 215	25.70	26.90	0.490	33.01	-6.11
		2650.0	1.20	1 / 108	25.60	26.80	0.478	33.01	-6.21
	16-QAM	2650.0	1.20	1 / 108	25.06	26.26	0.423	33.01	-6.75
		2650.0	1.20	1 / 108	23.11	24.31	0.270	33.01	-8.70
		2593.0	1.20	1 / 108	20.98	22.18	0.165	33.01	-10.83
	256-QAM	2593.0	1.20	1 / 108	20.98	22.18	0.165	33.01	-10.83
90 MHz	11/2 BPSK	2541.0	1.20	1 / 243	25.69	26.89	0.488	33.01	-6.12
		2593.0	1.20	1 / 120	25.66	26.86	0.485	33.01	-6.15
		2645.0	1.20	1 / 243	25.65	26.85	0.485	33.01	-6.16
	QPSK	2541.0	1.20	1 / 120	25.70	26.90	0.490	33.01	-6.11
		2593.0	1.20	1 / 120	25.67	26.87	0.487	33.01	-6.14
		2645.0	1.20	1 / 120	25.68	26.88	0.488	33.01	-6.13
	16-QAM	2541.0	1.20	1 / 243	25.02	26.22	0.418	33.01	-6.79
		2541.0	1.20	1 / 120	23.02	24.22	0.264	33.01	-8.79
		2541.0	1.20	1 / 243	21.15	22.35	0.172	33.01	-10.66
	256-QAM	2541.0	1.20	1 / 243	21.15	22.35	0.172	33.01	-10.66
100 MHz	11/2 BPSK	2546.0	1.20	1 / 271	25.64	26.84	0.483	33.01	-6.17
		2593.0	1.20	1 / 135	25.70	26.90	0.490	33.01	-6.11
		2640.0	1.20	1 / 271	25.66	26.86	0.485	33.01	-6.15
	QPSK	2546.0	1.20	1 / 135	25.63	26.83	0.482	33.01	-6.18
		2593.0	1.20	1 / 135	25.63	26.83	0.482	33.01	-6.18
		2640.0	1.20	1 / 271	25.70	26.90	0.490	33.01	-6.11
	16-QAM	2640.0	1.20	1 / 135	24.88	26.08	0.405	33.01	-6.93
		2546.0	1.20	1 / 135	22.94	24.14	0.260	33.01	-8.87
		2546.0	1.20	1 / 135	21.29	22.49	0.177	33.01	-10.52
	256-QAM	2546.0	1.20	1 / 135	21.29	22.49	0.177	33.01	-10.52

Table 7-10. Antenna 4 EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 346 of 427

V2.2 09/07/2023

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ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset								
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	25.34	1.60	26.94	0.494	33.01	-6.07		
				21100	2535.0	1	99		21298	2549.8	1	0	25.48	1.60	27.08	0.511	33.01	-5.93		
				21350	2560.0	1	0		21152	2540.2	1	99	25.52	1.60	27.12	0.515	33.01	-5.89		
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	24.16	1.60	25.76	0.377	33.01	-7.25		
				16-QAM	21350	2560	100		0	16-QAM	21152	2540.2	100	0	23.53	1.60	25.13	0.326	33.01	-7.88
				64-QAM	21350	2560	100		0	64-QAM	21152	2540.2	100	0	22.42	1.60	24.02	0.252	33.01	-8.99
				256-QAM	21350	2560	100		0	256-QAM	21152	2540.2	100	0	20.08	1.60	21.68	0.147	33.01	-11.33

Table 7-11. Antenna 4 EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA T.x. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.36	1.20	28.56	0.718	33.01	-4.45
				39790	2510.0	1	99		39988	2529.8	1	0	27.32	1.20	28.52	0.711	33.01	-4.49
				40620	2593.0	1	99		40818	2612.8	1	0	27.45	1.20	28.65	0.733	33.01	-4.36
				41490	2680.0	1	0		41292	2660.2	1	99	27.52	1.20	28.72	0.745	33.01	-4.29
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	25.69	1.20	26.89	0.489	33.01	-6.12
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	24.52	1.20	25.72	0.373	33.01	-7.29
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	24.05	1.20	25.25	0.335	33.01	-7.76
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	22.12	1.20	23.32	0.215	33.01	-9.69

Table 7-12. Antenna 4 EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.21	1.20	26.41	0.438	33.01	-6.60
				39790	2510.0	1	99		39988	2529.8	1	0	25.23	1.20	26.43	0.440	33.01	-6.58
				40620	2593.0	1	99		40818	2612.8	1	0	25.38	1.20	26.58	0.455	33.01	-6.43
				41490	2680.0	1	0		41292	2660.2	1	99	25.45	1.20	26.65	0.462	33.01	-6.36
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	22.52	1.20	23.72	0.236	33.01	-9.29
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	21.36	1.20	22.56	0.180	33.01	-10.45
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	21.38	1.20	22.58	0.181	33.01	-10.43
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.29	1.20	22.49	0.177	33.01	-10.52

Table 7-13. Antenna 4 EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 347 of 427

V2.2 09/07/2023

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7.6.2 Antenna 2b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-1.70	1 / 12	24.19	22.49	0.177	23.98	-1.49
		2310.0	-1.70	1 / 0	24.20	22.50	0.178	23.98	-1.48
		2312.5	-1.70	1 / 12	24.09	22.39	0.173	23.98	-1.59
	16-QAM	2310.0	-1.70	1 / 24	23.20	21.50	0.141	23.98	-2.48
	64-QAM	2310.0	-1.70	1 / 24	22.21	20.51	0.112	23.98	-3.47
	256-QAM	2312.5	-1.70	1 / 24	19.30	17.60	0.058	23.98	-6.38
10 MHz	QPSK	2310.0	-1.70	1 / 49	24.20	22.50	0.178	23.98	-1.48
	16-QAM	2310.0	-1.70	1 / 49	23.18	21.48	0.141	23.98	-2.50
	64-QAM	2310.0	-1.70	1 / 49	22.09	20.39	0.109	23.98	-3.59
	256-QAM	2310.0	-1.70	1 / 49	19.29	17.59	0.057	23.98	-6.39

Table 7-14. Antenna 2b EIRP Data (LTE Band 30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 348 of 427

V2.2 09/07/2023

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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-0.70	1 / 0	24.20	23.50	0.224	33.01	-9.51
		2535.0	-0.70	1 / 0	24.13	23.43	0.220	33.01	-9.58
		2567.5	-0.70	1 / 0	24.12	23.42	0.220	33.01	-9.59
	16-QAM	2535.0	-0.70	1 / 0	23.44	22.74	0.188	33.01	-10.27
	64-QAM	2502.5	-0.70	1 / 0	22.39	21.69	0.148	33.01	-11.32
	256-QAM	2567.5	-0.70	1 / 0	19.17	18.47	0.070	33.01	-14.54
10 MHz	QPSK	2505.0	-0.70	1 / 49	23.89	23.19	0.208	33.01	-9.82
		2535.0	-0.70	1 / 0	23.96	23.26	0.212	33.01	-9.75
		2565.0	-0.70	1 / 0	23.96	23.26	0.212	33.01	-9.75
	16-QAM	2565.0	-0.70	1 / 25	23.48	22.78	0.190	33.01	-10.23
	64-QAM	2505.0	-0.70	1 / 0	22.36	21.66	0.147	33.01	-11.35
	256-QAM	2565.0	-0.70	1 / 0	19.25	18.55	0.072	33.01	-14.46
15 MHz	QPSK	2507.5	-0.70	1 / 0	23.89	23.19	0.208	33.01	-9.82
		2535.0	-0.70	1 / 0	23.88	23.18	0.208	33.01	-9.83
		2562.5	-0.70	1 / 0	23.71	23.01	0.200	33.01	-10.00
	16-QAM	2562.5	-0.70	1 / 0	23.07	22.37	0.173	33.01	-10.64
	64-QAM	2507.5	-0.70	1 / 0	22.26	21.56	0.143	33.01	-11.45
	256-QAM	2535.0	-0.70	1 / 0	19.11	18.41	0.069	33.01	-14.60
20 MHz	QPSK	2510.0	-0.70	1 / 0	23.80	23.10	0.204	33.01	-9.91
		2535.0	-0.70	1 / 0	23.85	23.15	0.207	33.01	-9.86
		2560.0	-0.70	1 / 0	23.90	23.20	0.209	33.01	-9.81
	16-QAM	2560.0	-0.70	1 / 0	23.47	22.77	0.189	33.01	-10.24
	64-QAM	2560.0	-0.70	1 / 0	22.28	21.58	0.144	33.01	-11.43
	256-QAM	2560.0	-0.70	1 / 0	19.10	18.40	0.069	33.01	-14.61

Table 7-15. Antenna 2b EIRP Data (LTE Band 7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 349 of 427

V2.2 09/07/2023

LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-1.20	1 / 24	28.56	27.36	0.545	33.01	-5.65
		2593.0	-1.20	1 / 24	28.70	27.50	0.562	33.01	-5.51
		2687.5	-1.20	1 / 24	28.52	27.32	0.540	33.01	-5.69
	16-QAM	2498.5	-1.20	1 / 24	27.65	26.45	0.442	33.01	-6.56
	64-QAM	2498.5	-1.20	1 / 24	26.54	25.34	0.342	33.01	-7.67
	256-QAM	2593.0	-1.20	1 / 24	23.80	22.60	0.182	33.01	-10.41
10 MHz	QPSK	2501.0	-1.20	1 / 25	28.52	27.32	0.540	33.01	-5.69
		2593.0	-1.20	1 / 49	28.59	27.39	0.548	33.01	-5.62
		2685.0	-1.20	1 / 0	28.57	27.37	0.546	33.01	-5.64
	16-QAM	2685.0	-1.20	1 / 0	27.75	26.55	0.452	33.01	-6.46
	64-QAM	2685.0	-1.20	1 / 25	26.75	25.55	0.359	33.01	-7.46
	256-QAM	2685.0	-1.20	1 / 49	23.80	22.60	0.182	33.01	-10.41
15 MHz	QPSK	2503.5	-1.20	1 / 0	28.64	27.44	0.555	33.01	-5.57
		2593.0	-1.20	1 / 37	28.70	27.50	0.562	33.01	-5.51
		2682.5	-1.20	1 / 37	28.65	27.45	0.556	33.01	-5.56
	16-QAM	2682.5	-1.20	1 / 37	27.70	26.50	0.447	33.01	-6.51
	64-QAM	2593.0	-1.20	1 / 0	26.62	25.42	0.348	33.01	-7.59
	256-QAM	2593.0	-1.20	1 / 37	23.80	22.60	0.182	33.01	-10.41
20 MHz	QPSK	2506.0	-1.20	1 / 50	28.62	27.42	0.552	33.01	-5.59
		2593.0	-1.20	1 / 0	28.57	27.37	0.546	33.01	-5.64
		2680.0	-1.20	1 / 50	28.43	27.23	0.528	33.01	-5.78
	16-QAM	2593.0	-1.20	1 / 50	27.67	26.47	0.444	33.01	-6.54
	64-QAM	2506.0	-1.20	1 / 50	26.69	25.49	0.354	33.01	-7.52
	256-QAM	2506.0	-1.20	1 / 99	23.74	22.54	0.179	33.01	-10.47

Table 7-16. Antenna 2b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 350 of 427

V2.2 09/07/2023

LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-1.20	1 / 0	25.70	24.50	0.282	33.01	-8.51
		2593.0	-1.20	1 / 24	25.49	24.29	0.269	33.01	-8.72
		2687.5	-1.20	1 / 0	25.36	24.16	0.261	33.01	-8.85
	16-QAM	2593.0	-1.20	1 / 0	24.61	23.41	0.219	33.01	-9.60
	64-QAM	2593.0	-1.20	1 / 0	23.66	22.46	0.176	33.01	-10.55
	256-QAM	2687.5	-1.20	1 / 12	20.79	19.59	0.091	33.01	-13.42
10 MHz	QPSK	2501.0	-1.20	1 / 0	25.46	24.26	0.267	33.01	-8.75
		2593.0	-1.20	1 / 0	25.68	24.48	0.281	33.01	-8.53
		2685.0	-1.20	1 / 25	25.70	24.50	0.282	33.01	-8.51
	16-QAM	2501.0	-1.20	1 / 0	24.69	23.49	0.223	33.01	-9.52
	64-QAM	2593.0	-1.20	1 / 25	23.73	22.53	0.179	33.01	-10.48
	256-QAM	2501.0	-1.20	1 / 25	20.79	19.59	0.091	33.01	-13.42
15 MHz	QPSK	2503.5	-1.20	1 / 37	25.60	24.40	0.275	33.01	-8.61
		2593.0	-1.20	1 / 74	25.62	24.42	0.277	33.01	-8.59
		2682.5	-1.20	1 / 0	25.55	24.35	0.272	33.01	-8.66
	16-QAM	2682.5	-1.20	1 / 74	24.70	23.50	0.224	33.01	-9.51
	64-QAM	2682.5	-1.20	1 / 74	23.68	22.48	0.177	33.01	-10.53
	256-QAM	2593.0	-1.20	1 / 74	20.84	19.64	0.092	33.01	-13.37
20 MHz	QPSK	2506.0	-1.20	1 / 50	25.49	24.29	0.269	33.01	-8.72
		2593.0	-1.20	1 / 99	25.54	24.34	0.272	33.01	-8.67
		2680.0	-1.20	1 / 99	25.70	24.50	0.282	33.01	-8.51
	16-QAM	2680.0	-1.20	1 / 99	24.72	23.52	0.225	33.01	-9.49
	64-QAM	2680.0	-1.20	1 / 50	23.71	22.51	0.178	33.01	-10.50
	256-QAM	2680.0	-1.20	1 / 99	20.63	19.43	0.088	33.01	-13.58

Table 7-17. Antenna 2b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 351 of 427

V2.2 09/07/2023

NR Band n30

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	2307.5	-1.70	1 / 23	24.13	22.43	0.175	23.98	-1.55
		2310.0	-1.70	1 / 23	24.15	22.45	0.176	23.98	-1.53
		2312.5	-1.70	1 / 23	24.17	22.47	0.177	23.98	-1.51
	QPSK	2307.5	-1.70	1 / 1	24.19	22.49	0.177	23.98	-1.49
		2310.0	-1.70	1 / 1	24.19	22.49	0.177	23.98	-1.49
		2312.5	-1.70	1 / 1	24.19	22.49	0.177	23.98	-1.49
	16-QAM	2307.5	-1.70	1 / 1	23.42	21.72	0.149	23.98	-2.26
	64-QAM	2307.5	-1.70	1 / 1	22.86	21.16	0.131	23.98	-2.82
	256-QAM	2310.0	-1.70	1 / 12	21.04	19.34	0.086	23.98	-4.64
10 MHz	$\pi/2$ BPSK	2310.0	-1.70	1 / 25	24.19	22.49	0.177	23.98	-1.49
	QPSK	2310.0	-1.70	1 / 25	24.20	22.50	0.178	23.98	-1.48
	16-QAM	2310.0	-1.70	1 / 25	23.42	21.72	0.149	23.98	-2.25
	64-QAM	2310.0	-1.70	1 / 1	22.91	21.21	0.132	23.98	-2.77
	256-QAM	2310.0	-1.70	1 / 1	20.87	19.17	0.083	23.98	-4.81

Table 7-18. Antenna 2b EIRP Data (NR Band n30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 352 of 427

V2.2 09/07/2023

NR Band n7

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	2502.5	-0.70	1 / 1	24.20	23.50	0.224	33.01	-9.51
		2535.0	-0.70	1 / 23	24.11	23.41	0.219	33.01	-9.60
		2567.5	-0.70	1 / 12	24.10	23.40	0.219	33.01	-9.61
	QPSK	2502.5	-0.70	1 / 1	23.96	23.26	0.212	33.01	-9.75
		2535.0	-0.70	1 / 1	24.15	23.45	0.221	33.01	-9.56
		2567.5	-0.70	1 / 1	24.18	23.48	0.223	33.01	-9.53
	16-QAM	2502.5	-0.70	1 / 23	23.29	22.59	0.182	33.01	-10.42
	64-QAM	2567.5	-0.70	1 / 1	22.29	21.59	0.144	33.01	-11.42
	256-QAM	2502.5	-0.70	1 / 23	19.32	18.62	0.073	33.01	-14.39
10 MHz	$\pi/2$ BPSK	2505.0	-0.70	1 / 25	24.09	23.39	0.218	33.01	-9.62
		2535.0	-0.70	1 / 25	24.19	23.49	0.223	33.01	-9.52
		2565.0	-0.70	1 / 25	24.17	23.47	0.222	33.01	-9.54
	QPSK	2505.0	-0.70	1 / 25	24.08	23.38	0.218	33.01	-9.63
		2535.0	-0.70	1 / 1	24.10	23.40	0.219	33.01	-9.61
		2565.0	-0.70	1 / 50	24.20	23.50	0.224	33.01	-9.51
	16-QAM	2565.0	-0.70	1 / 1	23.20	22.50	0.178	33.01	-10.51
	64-QAM	2505.0	-0.70	1 / 50	22.19	21.49	0.141	33.01	-11.52
	256-QAM	2535.0	-0.70	1 / 1	19.23	18.53	0.071	33.01	-14.48
15 MHz	$\pi/2$ BPSK	2507.5	-0.70	1 / 73	23.88	23.18	0.208	33.01	-9.83
		2535.0	-0.70	1 / 1	24.13	23.43	0.220	33.01	-9.58
		2562.5	-0.70	1 / 73	24.13	23.43	0.220	33.01	-9.58
	QPSK	2507.5	-0.70	1 / 1	23.99	23.29	0.213	33.01	-9.72
		2535.0	-0.70	1 / 73	24.20	23.50	0.224	33.01	-9.51
		2562.5	-0.70	1 / 37	24.14	23.44	0.221	33.01	-9.57
	16-QAM	2535.0	-0.70	1 / 37	23.18	22.48	0.177	33.01	-10.53
	64-QAM	2562.5	-0.70	1 / 73	22.20	21.50	0.141	33.01	-11.51
	256-QAM	2562.5	-0.70	1 / 1	19.30	18.60	0.072	33.01	-14.41
20 MHz	$\pi/2$ BPSK	2510.0	-0.70	1 / 98	24.07	23.37	0.217	33.01	-9.64
		2535.0	-0.70	1 / 50	24.17	23.47	0.222	33.01	-9.54
		2560.0	-0.70	1 / 98	24.20	23.50	0.224	33.01	-9.51
	QPSK	2510.0	-0.70	1 / 50	23.92	23.22	0.210	33.01	-9.79
		2535.0	-0.70	1 / 50	24.12	23.42	0.220	33.01	-9.59
		2560.0	-0.70	1 / 98	24.04	23.34	0.216	33.01	-9.67
	16-QAM	2560.0	-0.70	1 / 98	23.18	22.48	0.177	33.01	-10.53
	64-QAM	2560.0	-0.70	1 / 50	22.20	21.50	0.141	33.01	-11.51
	256-QAM	2510.0	-0.70	1 / 1	19.19	18.49	0.071	33.01	-14.52
25 MHz	$\pi/2$ BPSK	2512.5	-0.70	1 / 131	23.90	23.20	0.209	33.01	-9.81
		2535.0	-0.70	1 / 1	24.20	23.50	0.224	33.01	-9.51
		2557.5	-0.70	1 / 1	24.11	23.41	0.219	33.01	-9.60
	QPSK	2512.5	-0.70	1 / 1	24.16	23.46	0.222	33.01	-9.55
		2535.0	-0.70	1 / 66	23.97	23.27	0.212	33.01	-9.74
		2557.5	-0.70	1 / 1	24.06	23.36	0.217	33.01	-9.65
	16-QAM	2535.0	-0.70	1 / 66	23.09	22.39	0.173	33.01	-10.62
	64-QAM	2512.5	-0.70	1 / 1	22.18	21.48	0.141	33.01	-11.53
	256-QAM	2535.0	-0.70	1 / 1	19.27	18.57	0.072	33.01	-14.44
30 MHz	$\pi/2$ BPSK	2515.0	-0.70	1 / 80	24.11	23.41	0.219	33.01	-9.60
		2535.0	-0.70	1 / 80	23.87	23.17	0.207	33.01	-9.84
		2555.0	-0.70	1 / 80	23.97	23.27	0.212	33.01	-9.74
	QPSK	2515.0	-0.70	1 / 1	23.99	23.29	0.213	33.01	-9.72
		2535.0	-0.70	1 / 158	24.20	23.50	0.224	33.01	-9.51
		2555.0	-0.70	1 / 158	23.97	23.27	0.212	33.01	-9.74
	16-QAM	2515.0	-0.70	1 / 1	23.12	22.42	0.175	33.01	-10.59
	64-QAM	2535.0	-0.70	1 / 158	22.13	21.43	0.139	33.01	-11.58
	256-QAM	2535.0	-0.70	1 / 80	19.28	18.58	0.072	33.01	-14.43
35 MHz	$\pi/2$ BPSK	2517.5	-0.70	1 / 108	24.02	23.32	0.215	33.01	-9.69
		2535.0	-0.70	1 / 214	23.92	23.22	0.210	33.01	-9.79
		2552.5	-0.70	1 / 108	24.20	23.50	0.224	33.01	-9.51
	QPSK	2517.5	-0.70	1 / 214	24.07	23.37	0.217	33.01	-9.64
		2535.0	-0.70	1 / 214	24.08	23.38	0.218	33.01	-9.63
		2552.5	-0.70	1 / 214	23.86	23.16	0.207	33.01	-9.85
	16-QAM	2535.0	-0.70	1 / 214	23.15	22.45	0.176	33.01	-10.56
	64-QAM	2535.0	-0.70	1 / 108	22.20	21.50	0.141	33.01	-11.51
	256-QAM	2552.5	-0.70	1 / 214	19.21	18.51	0.071	33.01	-14.50
40 MHz	$\pi/2$ BPSK	2520.0	-0.70	1 / 1	23.81	23.11	0.205	33.01	-9.90
		2535.0	-0.70	1 / 1	24.20	23.50	0.224	33.01	-9.51
		2550.0	-0.70	1 / 108	24.11	23.41	0.219	33.01	-9.60
	QPSK	2520.0	-0.70	1 / 214	23.99	23.29	0.213	33.01	-9.72
		2535.0	-0.70	1 / 108	24.18	23.48	0.223	33.01	-9.53
		2550.0	-0.70	1 / 1	24.19	23.49	0.223	33.01	-9.52
	16-QAM	2535.0	-0.70	1 / 214	23.17	22.47	0.177	33.01	-10.54
	64-QAM	2520.0	-0.70	1 / 1	22.21	21.51	0.142	33.01	-11.50
	256-QAM	2550.0	-0.70	1 / 214	19.32	18.62	0.073	33.01	-14.39

Table 7-19. Antenna 2b EIRP Data (NR Band n7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 353 of 427

V2.2 09/07/2023

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-1.20	1 / 22	28.69	27.49	0.561	33.01	-5.52
		2593.0	-1.20	1 / 22	28.68	27.48	0.559	33.01	-5.53
		2685.0	-1.20	1 / 22	28.66	27.46	0.557	33.01	-5.55
	QPSK	2501.0	-1.20	1 / 22	28.70	27.50	0.562	33.01	-5.51
		2593.0	-1.20	1 / 22	28.66	27.46	0.558	33.01	-5.55
		2685.0	-1.20	1 / 22	28.61	27.41	0.551	33.01	-5.60
		2501.0	-1.20	1 / 22	27.83	26.63	0.460	33.01	-6.38
		2685.0	-1.20	1 / 22	26.62	25.42	0.349	33.01	-7.59
		2593.0	-1.20	1 / 22	24.95	23.65	0.232	33.01	-9.36
		2503.5	-1.20	1 / 36	28.53	27.33	0.541	33.01	-5.68
		2593.0	-1.20	1 / 36	28.67	27.47	0.558	33.01	-5.54
		2682.5	-1.20	1 / 36	28.50	27.30	0.537	33.01	-5.71
		2503.5	-1.20	1 / 36	28.47	27.27	0.534	33.01	-5.74
		2593.0	-1.20	1 / 18	28.60	27.40	0.550	33.01	-5.61
15 MHz	11/2 BPSK	2682.5	-1.20	1 / 36	28.44	27.24	0.530	33.01	-5.77
		2503.5	-1.20	1 / 18	27.82	26.62	0.460	33.01	-6.39
		2593.0	-1.20	1 / 36	26.90	25.70	0.372	33.01	-7.31
	QPSK	2593.0	-1.20	1 / 36	24.49	23.29	0.213	33.01	-9.72
		2503.0	-1.20	1 / 49	28.58	27.38	0.547	33.01	-5.63
		2593.0	-1.20	1 / 49	28.70	27.50	0.562	33.01	-5.51
		2680.0	-1.20	1 / 49	28.54	27.34	0.542	33.01	-5.67
		2506.0	-1.20	1 / 49	28.60	27.40	0.550	33.01	-5.61
		2593.0	-1.20	1 / 49	28.63	27.43	0.553	33.01	-5.58
		2680.0	-1.20	1 / 49	28.40	27.20	0.525	33.01	-5.81
		2593.0	-1.20	1 / 49	27.55	26.35	0.432	33.01	-6.66
		2593.0	-1.20	1 / 49	26.82	25.62	0.366	33.01	-7.38
20 MHz	11/2 BPSK	2593.0	-1.20	1 / 49	24.76	23.56	0.227	33.01	-9.45
		2511.0	-1.20	1 / 76	28.52	27.32	0.540	33.01	-5.69
		2593.0	-1.20	1 / 76	28.64	27.44	0.555	33.01	-5.57
	QPSK	2675.0	-1.20	1 / 76	28.44	27.24	0.529	33.01	-5.77
		2511.0	-1.20	1 / 76	28.55	27.35	0.543	33.01	-5.66
		2593.0	-1.20	1 / 76	28.70	27.50	0.562	33.01	-5.51
		2675.0	-1.20	1 / 76	28.31	27.11	0.514	33.01	-5.90
		2511.0	-1.20	1 / 76	27.71	26.51	0.447	33.01	-6.50
		2593.0	-1.20	1 / 36	26.88	25.68	0.370	33.01	-7.33
		2593.0	-1.20	1 / 76	24.63	23.43	0.220	33.01	-9.58
		2516.0	-1.20	1 / 104	28.68	27.48	0.559	33.01	-5.53
		2593.0	-1.20	1 / 104	28.62	27.42	0.552	33.01	-5.59
30 MHz	11/2 BPSK	2670.0	-1.20	1 / 104	28.48	27.28	0.535	33.01	-5.73
		2516.0	-1.20	1 / 104	28.68	27.48	0.560	33.01	-5.53
		2593.0	-1.20	1 / 50	28.67	27.47	0.558	33.01	-5.54
	QPSK	2670.0	-1.20	1 / 104	28.48	27.28	0.535	33.01	-5.73
		2670.0	-1.20	1 / 50	27.84	26.64	0.461	33.01	-6.37
		2593.0	-1.20	1 / 104	26.72	25.52	0.356	33.01	-7.49
		2593.0	-1.20	1 / 104	24.77	23.57	0.228	33.01	-9.44
		2521.0	-1.20	1 / 131	28.53	27.33	0.541	33.01	-5.68
		2593.0	-1.20	1 / 64	28.66	27.46	0.557	33.01	-5.55
		2665.0	-1.20	1 / 131	28.55	27.35	0.543	33.01	-5.66
		2521.0	-1.20	1 / 131	28.62	27.42	0.552	33.01	-5.59
		2593.0	-1.20	1 / 64	28.65	27.45	0.556	33.01	-5.56
40 MHz	11/2 BPSK	2665.0	-1.20	1 / 131	28.55	27.35	0.544	33.01	-5.66
		2521.0	-1.20	1 / 131	28.21	27.01	0.502	33.01	-6.00
		2593.0	-1.20	1 / 131	27.00	25.80	0.380	33.01	-7.21
	QPSK	2593.0	-1.20	1 / 64	24.68	23.48	0.223	33.01	-9.53
		2526.0	-1.20	1 / 160	28.58	27.38	0.547	33.01	-5.63
		2593.0	-1.20	1 / 81	28.63	27.43	0.553	33.01	-5.58
		2660.0	-1.20	1 / 81	28.48	27.28	0.535	33.01	-5.73
		2526.0	-1.20	1 / 160	28.53	27.33	0.541	33.01	-5.68
		2593.0	-1.20	1 / 81	28.69	27.49	0.561	33.01	-5.52
		2660.0	-1.20	1 / 81	28.47	27.27	0.533	33.01	-5.74
		2526.0	-1.20	1 / 160	27.89	26.69	0.446	33.01	-6.52
		2593.0	-1.20	1 / 81	26.72	25.52	0.357	33.01	-7.49
50 MHz	11/2 BPSK	2593.0	-1.20	1 / 81	24.76	23.56	0.227	33.01	-9.45
		2531.0	-1.20	1 / 90	28.60	27.40	0.550	33.01	-5.61
		2593.0	-1.20	1 / 90	28.62	27.42	0.552	33.01	-5.59
	QPSK	2655.0	-1.20	1 / 90	28.57	27.37	0.546	33.01	-5.64
		2531.0	-1.20	1 / 187	28.70	27.50	0.562	33.01	-5.51
		2593.0	-1.20	1 / 90	28.64	27.44	0.555	33.01	-5.57
		2655.0	-1.20	1 / 187	28.69	27.49	0.561	33.01	-5.52
		2593.0	-1.20	1 / 187	27.66	26.46	0.443	33.01	-6.55
		2593.0	-1.20	1 / 90	27.03	25.83	0.383	33.01	-7.18
		2593.0	-1.20	1 / 90	24.62	23.42	0.220	33.01	-9.59
		2536.0	-1.20	1 / 215	28.62	27.42	0.552	33.01	-5.59
		2593.0	-1.20	1 / 108	28.67	27.47	0.559	33.01	-5.54
60 MHz	11/2 BPSK	2650.0	-1.20	1 / 215	28.53	27.33	0.541	33.01	-5.68
		2536.0	-1.20	1 / 108	28.70	27.50	0.562	33.01	-5.51
		2593.0	-1.20	1 / 108	28.61	27.41	0.550	33.01	-5.60
	QPSK	2650.0	-1.20	1 / 215	28.63	27.43	0.553	33.01	-5.58
		2650.0	-1.20	1 / 215	27.61	26.41	0.438	33.01	-6.60
		2536.0	-1.20	1 / 215	26.95	25.75	0.376	33.01	-7.26
		2536.0	-1.20	1 / 215	24.74	23.54	0.226	33.01	-9.47
		2541.0	-1.20	1 / 243	28.59	27.39	0.549	33.01	-5.62
		2593.0	-1.20	1 / 120	28.67	27.47	0.558	33.01	-5.54
		2645.0	-1.20	1 / 120	28.53	27.33	0.541	33.01	-5.68
		2541.0	-1.20	1 / 120	28.51	27.31	0.538	33.01	-5.70
		2593.0	-1.20	1 / 120	28.50	27.30	0.537	33.01	-5.71
		2645.0	-1.20	1 / 120	28.67	27.47	0.558	33.01	-5.54
70 MHz	11/2 BPSK	2593.0	-1.20	1 / 243	27.58	26.38	0.435	33.01	-6.63
		2593.0	-1.20	1 / 243	26.83	25.63	0.366	33.01	-7.38
		2645.0	-1.20	1 / 120	24.51	23.31	0.214	33.01	-9.70
	QPSK	2546.0	-1.20	1 / 271	28.68	27.48	0.560	33.01	-5.53
		2593.0	-1.20	1 / 135	28.51	27.31	0.538	33.01	-5.70
		2640.0	-1.20	1 / 135	28.59	27.39	0.548	33.01	-5.62
		2546.0	-1.20	1 / 271	28.60	27.40	0.550	33.01	-5.61
		2593.0	-1.20	1 / 135	28.70	27.50	0.562	33.01	-5.51
		2640.0	-1.20	1 / 271	28.45	27.25	0.531	33.01	-5.76
		2546.0	-1.20	1 / 271	27.53	26.33	0.430	33.01	-6.68
		2546.0	-1.20	1 / 271	26.83	25.63	0.365	33.01	-7.38
		2546.0	-1.20	1 / 271	24.51	23.31	0.214	33.01	-9.70
		2546.0	-1.20	1 / 271	24.51	23.31	0.214	33.01	-9.70

Table 7-20. Antenna 2b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 354 of 427

V2.2 09/07/2023

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-1.20	1 / 12	25.42	24.22	0.265	33.01	-8.79
		2593.0	-1.20	1 / 12	25.54	24.34	0.272	33.01	-8.67
		2685.0	-1.20	1 / 22	25.27	24.07	0.255	33.01	-8.94
	QPSK	2501.0	-1.20	1 / 12	25.42	24.22	0.264	33.01	-8.79
		2593.0	-1.20	1 / 12	25.52	24.32	0.271	33.01	-8.69
		2685.0	-1.20	1 / 12	25.26	24.06	0.255	33.01	-8.95
	16-QAM	2501.0	-1.20	1 / 12	24.89	23.69	0.234	33.01	-9.32
		2593.0	-1.20	1 / 22	23.88	22.68	0.185	33.01	-10.33
		2593.0	-1.20	1 / 12	21.49	20.29	0.107	33.01	-12.72
	256-QAM	2593.0	-1.20	1 / 36	25.57	24.37	0.273	33.01	-8.64
15 MHz	11/2 BPSK	2593.0	-1.20	1 / 36	25.65	24.45	0.279	33.01	-8.56
		2682.5	-1.20	1 / 18	25.38	24.18	0.262	33.01	-8.83
		2503.5	-1.20	1 / 18	25.49	24.29	0.268	33.01	-8.72
	QPSK	2593.0	-1.20	1 / 36	25.60	24.40	0.276	33.01	-8.61
		2682.5	-1.20	1 / 36	25.42	24.22	0.264	33.01	-8.79
		2503.5	-1.20	1 / 36	25.12	23.92	0.247	33.01	-9.09
	16-QAM	2503.5	-1.20	1 / 36	24.01	22.81	0.191	33.01	-10.20
	64-QAM	2593.0	-1.20	1 / 36	21.72	20.52	0.113	33.01	-12.49
	256-QAM	2506.0	-1.20	1 / 25	25.51	24.31	0.270	33.01	-8.70
		2593.0	-1.20	1 / 49	25.57	24.37	0.274	33.01	-8.64
20 MHz	11/2 BPSK	2680.0	-1.20	1 / 49	25.49	24.29	0.268	33.01	-8.73
		2506.0	-1.20	1 / 49	25.57	24.37	0.274	33.01	-8.64
		2593.0	-1.20	1 / 49	25.66	24.46	0.279	33.01	-8.55
	QPSK	2680.0	-1.20	1 / 49	25.46	24.26	0.267	33.01	-8.75
		2506.0	-1.20	1 / 25	25.08	23.88	0.244	33.01	-9.13
		2593.0	-1.20	1 / 49	23.98	22.78	0.190	33.01	-10.23
	16-QAM	2593.0	-1.20	1 / 49	21.40	20.20	0.105	33.01	-12.81
	64-QAM	2511.0	-1.20	1 / 76	25.44	24.44	0.278	33.01	-8.57
	256-QAM	2593.0	-1.20	1 / 76	25.58	24.38	0.274	33.01	-8.63
		2675.0	-1.20	1 / 76	25.48	24.28	0.268	33.01	-8.73
30 MHz	11/2 BPSK	2511.0	-1.20	1 / 76	25.63	24.43	0.278	33.01	-8.58
		2593.0	-1.20	1 / 76	25.60	24.40	0.275	33.01	-8.61
		2675.0	-1.20	1 / 76	25.43	24.23	0.265	33.01	-8.78
	QPSK	2511.0	-1.20	1 / 76	25.09	23.89	0.245	33.01	-9.12
		2593.0	-1.20	1 / 76	23.91	22.71	0.187	33.01	-10.30
		2511.0	-1.20	1 / 76	21.71	20.51	0.112	33.01	-12.50
	16-QAM	2516.0	-1.20	1 / 104	25.56	24.36	0.273	33.01	-8.65
	64-QAM	2593.0	-1.20	1 / 104	25.66	24.46	0.279	33.01	-8.55
	256-QAM	2670.0	-1.20	1 / 104	25.50	24.30	0.269	33.01	-8.71
		2516.0	-1.20	1 / 104	25.63	24.43	0.278	33.01	-8.58
40 MHz	11/2 BPSK	2593.0	-1.20	1 / 104	25.64	24.44	0.278	33.01	-8.57
		2670.0	-1.20	1 / 104	25.53	24.33	0.271	33.01	-8.69
		2516.0	-1.20	1 / 104	25.13	23.93	0.247	33.01	-9.08
	QPSK	2593.0	-1.20	1 / 104	23.93	22.73	0.187	33.01	-10.28
		2516.0	-1.20	1 / 50	21.58	20.38	0.109	33.01	-12.63
		2521.0	-1.20	1 / 131	25.44	24.24	0.265	33.01	-8.77
	16-QAM	2593.0	-1.20	1 / 131	25.58	24.38	0.274	33.01	-8.63
		2685.0	-1.20	1 / 64	25.33	24.13	0.259	33.01	-8.88
		2521.0	-1.20	1 / 131	25.46	24.26	0.267	33.01	-8.75
	256-QAM	2593.0	-1.20	1 / 131	25.55	24.35	0.272	33.01	-8.66
		2685.0	-1.20	1 / 131	25.34	24.14	0.260	33.01	-8.87
50 MHz	11/2 BPSK	2593.0	-1.20	1 / 131	25.10	23.90	0.246	33.01	-9.11
		2593.0	-1.20	1 / 131	23.98	22.78	0.190	33.01	-10.23
		2593.0	-1.20	1 / 64	21.68	20.48	0.112	33.01	-12.53
	QPSK	2526.0	-1.20	1 / 81	25.39	24.19	0.263	33.01	-8.82
		2593.0	-1.20	1 / 81	25.50	24.30	0.269	33.01	-8.71
		2660.0	-1.20	1 / 81	25.40	24.20	0.263	33.01	-8.81
	16-QAM	2526.0	-1.20	1 / 160	25.46	24.26	0.267	33.01	-8.75
		2593.0	-1.20	1 / 81	25.54	24.34	0.272	33.01	-8.67
		2660.0	-1.20	1 / 81	25.31	24.11	0.257	33.01	-8.90
	256-QAM	2593.0	-1.20	1 / 160	25.07	23.87	0.244	33.01	-9.14
60 MHz	11/2 BPSK	2593.0	-1.20	1 / 81	23.92	22.72	0.187	33.01	-10.29
		2660.0	-1.20	1 / 160	21.52	20.32	0.108	33.01	-12.69
		2531.0	-1.20	1 / 187	25.43	24.23	0.265	33.01	-8.78
	QPSK	2593.0	-1.20	1 / 90	25.35	24.15	0.260	33.01	-8.86
		2695.0	-1.20	1 / 187	25.32	24.12	0.258	33.01	-8.89
		2531.0	-1.20	1 / 187	25.38	24.18	0.262	33.01	-8.83
	16-QAM	2593.0	-1.20	1 / 90	25.58	24.38	0.274	33.01	-8.63
		2655.0	-1.20	1 / 90	25.30	24.10	0.257	33.01	-8.91
		2593.0	-1.20	1 / 90	25.19	23.99	0.251	33.01	-9.02
	256-QAM	2593.0	-1.20	1 / 90	23.95	22.75	0.188	33.01	-10.26
70 MHz	11/2 BPSK	2531.0	-1.20	1 / 90	21.43	20.23	0.105	33.01	-12.78
		2536.0	-1.20	1 / 215	25.44	24.24	0.266	33.01	-8.77
		2593.0	-1.20	1 / 108	25.35	24.15	0.260	33.01	-8.86
	QPSK	2650.0	-1.20	1 / 108	25.23	24.03	0.253	33.01	-8.98
		2536.0	-1.20	1 / 215	25.41	24.21	0.264	33.01	-8.80
		2593.0	-1.20	1 / 108	25.43	24.23	0.265	33.01	-8.78
	16-QAM	2650.0	-1.20	1 / 108	25.29	24.09	0.257	33.01	-8.92
		2536.0	-1.20	1 / 108	25.14	23.94	0.248	33.01	-9.07
		2536.0	-1.20	1 / 215	23.98	22.78	0.190	33.01	-10.23
	256-QAM	2536.0	-1.20	1 / 215	21.67	20.47	0.111	33.01	-12.54
80 MHz	11/2 BPSK	2541.0	-1.20	1 / 243	25.44	24.24	0.265	33.01	-8.77
		2593.0	-1.20	1 / 243	25.40	24.20	0.263	33.01	-8.81
		2645.0	-1.20	1 / 243	25.38	24.18	0.262	33.01	-8.83
	QPSK	2541.0	-1.20	1 / 120	25.48	24.28	0.268	33.01	-8.73
		2593.0	-1.20	1 / 120	25.41	24.21	0.264	33.01	-8.80
		2645.0	-1.20	1 / 243	25.34	24.14	0.259	33.01	-8.87
	16-QAM	2593.0	-1.20	1 / 243	25.02	23.82	0.241	33.01	-9.19
		2541.0	-1.20	1 / 120	24.07	22.87	0.194	33.01	-10.14
		2593.0	-1.20	1 / 120	21.71	20.51	0.112	33.01	-12.50
	256-QAM	2546.0	-1.20	1 / 135	25.46	24.26	0.267	33.01	-8.75
		2593.0	-1.20	1 / 135	25.50	24.30	0.269	33.01	-8.71
100 MHz	11/2 BPSK	2640.0	-1.20	1 / 135	25.36	24.16	0.261	33.01	-8.85
		2546.0	-1.20	1 / 271	25.56	24.36	0.273	33.01	-8.65
		2593.0	-1.20	1 / 135	25.49	24.29	0.269	33.01	-8.72
	QPSK	2640.0	-1.20	1 / 135	25.50	24.30	0.269	33.01	-8.71
		2546.0	-1.20	1 / 135	25.17	23.97	0.249	33.01	-9.04
		2593.0	-1.20	1 / 271	23.90	22.70	0.186	33.01	-10.31
	16-QAM	2546.0	-1.20	1 / 135	21.65	20.45	0.111	33.01	-12.56

Table 7-21. Antenna 2b EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 355 of 427

V2.2 09/07/2023

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ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	23.86	-0.70	23.16	0.207	33.01	-9.85
				21100	2535.0	1	99		21298	2554.8	1	0	24.12	-0.70	23.42	0.220	33.01	-9.59
				21350	2560.0	1	0		21152	2540.2	1	99	24.08	-0.70	23.38	0.218	33.01	-9.63
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	22.98	-0.70	22.28	0.169	33.01	-10.73
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	21.68	-0.70	20.98	0.125	33.01	-12.03
			64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	20.75	-0.70	20.05	0.101	33.01	-12.96
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	18.68	-0.70	17.98	0.063	33.01	-15.03

Table 7-22. Antenna 2b EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	28.21	-1.20	27.01	0.502	33.01	-6.00
				39790	2510.0	1	99		39988	2529.8	1	0	28.25	-1.20	27.05	0.507	33.01	-5.96
				40620	2593.0	1	99		40818	2612.8	1	0	28.35	-1.20	27.15	0.519	33.01	-5.86
				41490	2680.0	1	0		41292	2660.2	1	99	28.42	-1.20	27.22	0.527	33.01	-5.79
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	26.38	-1.20	25.18	0.330	33.01	-7.83
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	25.34	-1.20	24.14	0.259	33.01	-8.87
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	25.05	-1.20	23.85	0.243	33.01	-9.16
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	23.08	-1.20	21.88	0.154	33.01	-11.13

Table 7-23. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.32	-1.20	24.12	0.258	33.01	-8.89
				39790	2510.0	1	99		39988	2529.8	1	0	25.28	-1.20	24.08	0.256	33.01	-8.93
				40620	2593.0	1	99		40818	2612.8	1	0	25.36	-1.20	24.16	0.261	33.01	-8.85
				41490	2680.0	1	0		41292	2660.2	1	99	25.58	-1.20	24.38	0.274	33.01	-8.63
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	22.53	-1.20	21.33	0.136	33.01	-11.68
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	21.46	-1.20	20.26	0.106	33.01	-12.75
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	21.37	-1.20	20.17	0.104	33.01	-12.84
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.42	-1.20	20.22	0.105	33.01	-12.79

Table 7-24. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 356 of 427

7.6.3 Antenna 3a - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	3.00	1 / 24	20.37	23.37	0.217	23.98	-0.61
		2310.0	3.00	1 / 12	20.46	23.46	0.222	23.98	-0.52
		2312.5	3.00	1 / 24	20.49	23.49	0.223	23.98	-0.49
	16-QAM	2307.5	3.00	1 / 24	20.43	23.43	0.220	23.98	-0.55
	64-QAM	2310.0	3.00	1 / 12	20.46	23.46	0.222	23.98	-0.52
	256-QAM	2310.0	3.00	1 / 0	18.51	21.51	0.142	23.98	-2.47
10 MHz	QPSK	2310.0	3.00	1 / 25	20.24	23.24	0.211	23.98	-0.74
	16-QAM	2310.0	3.00	1 / 25	20.46	23.46	0.222	23.98	-0.52
	64-QAM	2310.0	3.00	1 / 0	20.38	23.38	0.218	23.98	-0.60
	256-QAM	2310.0	3.00	1 / 0	18.42	21.42	0.139	23.98	-2.56

Table 7-25. Antenna 3a EIRP Data (LTE Band 30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 357 of 427

V2.2 09/07/2023

LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	2.90	1 / 24	24.38	27.28	0.535	33.01	-5.73
		2535.0	2.90	1 / 0	24.48	27.38	0.547	33.01	-5.63
		2567.5	2.90	1 / 0	24.49	27.39	0.548	33.01	-5.62
	16-QAM	2567.5	2.90	1 / 12	23.70	26.60	0.457	33.01	-6.41
	64-QAM	2535.0	2.90	1 / 12	22.65	25.55	0.359	33.01	-7.46
	256-QAM	2535.0	2.90	1 / 0	19.81	22.71	0.187	33.01	-10.30
10 MHz	QPSK	2505.0	2.90	1 / 49	24.58	27.48	0.560	33.01	-5.53
		2535.0	2.90	1 / 0	24.64	27.54	0.568	33.01	-5.47
		2565.0	2.90	1 / 49	24.70	27.60	0.575	33.01	-5.41
	16-QAM	2505.0	2.90	1 / 0	23.68	26.58	0.455	33.01	-6.43
	64-QAM	2505.0	2.90	1 / 25	22.69	25.59	0.362	33.01	-7.42
	256-QAM	2535.0	2.90	1 / 0	19.75	22.65	0.184	33.01	-10.36
15 MHz	QPSK	2507.5	2.90	1 / 37	24.46	27.36	0.545	33.01	-5.65
		2535.0	2.90	1 / 74	24.55	27.45	0.556	33.01	-5.56
		2562.5	2.90	1 / 0	24.63	27.53	0.566	33.01	-5.48
	16-QAM	2535.0	2.90	1 / 74	23.70	26.60	0.457	33.01	-6.41
	64-QAM	2562.5	2.90	1 / 37	22.65	25.55	0.359	33.01	-7.46
	256-QAM	2507.5	2.90	1 / 74	19.71	22.61	0.182	33.01	-10.40
20 MHz	QPSK	2510.0	2.90	1 / 99	24.66	27.56	0.570	33.01	-5.45
		2535.0	2.90	1 / 0	24.67	27.57	0.571	33.01	-5.44
		2560.0	2.90	1 / 50	24.66	27.56	0.570	33.01	-5.45
	16-QAM	2510.0	2.90	1 / 50	23.76	26.66	0.463	33.01	-6.35
	64-QAM	2535.0	2.90	1 / 50	22.71	25.61	0.364	33.01	-7.40
	256-QAM	2535.0	2.90	1 / 0	19.82	22.72	0.187	33.01	-10.29

Table 7-26. Antenna 3a EIRP Data (LTE Band 7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 358 of 427

V2.2 09/07/2023

LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.90	1 / 24	26.58	28.48	0.705	33.01	-4.53
		2593.0	1.90	1 / 0	26.42	28.32	0.679	33.01	-4.69
		2687.5	1.90	1 / 12	26.66	28.56	0.718	33.01	-4.45
	16-QAM	2593.0	1.90	1 / 0	25.66	27.56	0.570	33.01	-5.45
	64-QAM	2498.5	1.90	1 / 12	24.65	26.55	0.452	33.01	-6.46
	256-QAM	2687.5	1.90	1 / 0	21.76	23.66	0.232	33.01	-9.35
10 MHz	QPSK	2501.0	1.90	1 / 0	26.61	28.51	0.710	33.01	-4.50
		2593.0	1.90	1 / 0	26.53	28.43	0.697	33.01	-4.58
		2685.0	1.90	1 / 25	26.51	28.41	0.693	33.01	-4.60
	16-QAM	2685.0	1.90	1 / 49	25.69	27.59	0.574	33.01	-5.42
	64-QAM	2593.0	1.90	1 / 0	24.69	26.59	0.456	33.01	-6.42
	256-QAM	2685.0	1.90	1 / 25	21.77	23.67	0.233	33.01	-9.34
15 MHz	QPSK	2503.5	1.90	1 / 37	26.67	28.57	0.719	33.01	-4.44
		2593.0	1.90	1 / 37	26.68	28.58	0.721	33.01	-4.43
		2682.5	1.90	1 / 37	26.62	28.52	0.711	33.01	-4.49
	16-QAM	2503.5	1.90	1 / 0	25.57	27.47	0.558	33.01	-5.54
	64-QAM	2682.5	1.90	1 / 74	24.68	26.58	0.455	33.01	-6.43
	256-QAM	2682.5	1.90	1 / 74	21.78	23.68	0.233	33.01	-9.33
20 MHz	QPSK	2506.0	1.90	1 / 0	26.50	28.40	0.692	33.01	-4.61
		2593.0	1.90	1 / 50	26.70	28.60	0.724	33.01	-4.41
		2680.0	1.90	1 / 0	26.69	28.59	0.723	33.01	-4.42
	16-QAM	2593.0	1.90	1 / 99	25.71	27.61	0.577	33.01	-5.40
	64-QAM	2593.0	1.90	1 / 0	24.68	26.58	0.455	33.01	-6.43
	256-QAM	2680.0	1.90	1 / 99	21.64	23.54	0.226	33.01	-9.47

Table 7-27. Antenna 3a EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 359 of 427

V2.2 09/07/2023

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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.90	1 / 0	25.45	27.35	0.543	33.01	-5.66
		2593.0	1.90	1 / 24	25.59	27.49	0.561	33.01	-5.52
		2687.5	1.90	1 / 0	25.55	27.45	0.556	33.01	-5.56
	16-QAM	2687.5	1.90	1 / 12	24.70	26.60	0.457	33.01	-6.41
	64-QAM	2593.0	1.90	1 / 24	23.60	25.50	0.355	33.01	-7.51
	256-QAM	2498.5	1.90	1 / 0	20.83	22.73	0.187	33.01	-10.28
10 MHz	QPSK	2501.0	1.90	1 / 0	25.70	27.60	0.575	33.01	-5.41
		2593.0	1.90	1 / 49	25.63	27.53	0.566	33.01	-5.48
		2685.0	1.90	1 / 25	25.42	27.32	0.540	33.01	-5.69
	16-QAM	2501.0	1.90	1 / 0	24.67	26.57	0.454	33.01	-6.44
	64-QAM	2501.0	1.90	1 / 0	23.66	25.56	0.360	33.01	-7.45
	256-QAM	2685.0	1.90	1 / 25	20.80	22.70	0.186	33.01	-10.31
15 MHz	QPSK	2503.5	1.90	1 / 37	25.67	27.57	0.571	33.01	-5.44
		2593.0	1.90	1 / 0	25.63	27.53	0.566	33.01	-5.48
		2682.5	1.90	1 / 37	25.69	27.59	0.574	33.01	-5.42
	16-QAM	2682.5	1.90	1 / 37	24.68	26.58	0.455	33.01	-6.43
	64-QAM	2503.5	1.90	1 / 0	23.73	25.63	0.366	33.01	-7.38
	256-QAM	2503.5	1.90	1 / 37	20.82	22.72	0.187	33.01	-10.29
20 MHz	QPSK	2506.0	1.90	1 / 99	25.57	27.47	0.558	33.01	-5.54
		2593.0	1.90	1 / 0	25.57	27.47	0.558	33.01	-5.54
		2680.0	1.90	1 / 50	25.60	27.50	0.562	33.01	-5.51
	16-QAM	2593.0	1.90	1 / 99	24.71	26.61	0.458	33.01	-6.40
	64-QAM	2506.0	1.90	1 / 99	23.70	25.60	0.363	33.01	-7.41
	256-QAM	2593.0	1.90	1 / 0	20.87	22.77	0.189	33.01	-10.24

Table 7-28. Antenna 3a EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 360 of 427

V2.2 09/07/2023

NR Band n30

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	2307.5	3.00	1 / 1	20.48	23.48	0.223	23.98	-0.50
		2310.0	3.00	1 / 12	20.38	23.38	0.218	23.98	-0.60
		2312.5	3.00	1 / 12	20.50	23.50	0.224	23.98	-0.48
	QPSK	2307.5	3.00	1 / 12	20.37	23.37	0.217	23.98	-0.61
		2310.0	3.00	1 / 1	20.31	23.31	0.214	23.98	-0.67
		2312.5	3.00	1 / 12	20.39	23.39	0.218	23.98	-0.59
	16-QAM	2310.0	3.00	1 / 1	20.50	23.50	0.224	23.98	-0.48
	64-QAM	2310.0	3.00	1 / 23	20.47	23.47	0.222	23.98	-0.51
	256-QAM	2312.5	3.00	1 / 1	18.49	21.49	0.141	23.98	-2.49
10 MHz	$\pi/2$ BPSK	2310.0	3.00	1 / 50	20.50	23.50	0.224	23.98	-0.48
	QPSK	2310.0	3.00	1 / 1	20.48	23.48	0.223	23.98	-0.50
	16-QAM	2310.0	3.00	1 / 25	20.18	23.18	0.208	23.98	-0.80
	64-QAM	2310.0	3.00	1 / 25	20.31	23.31	0.214	23.98	-0.67
	256-QAM	2310.0	3.00	1 / 50	18.47	21.47	0.140	23.98	-2.51

Table 7-29. Antenna 3a EIRP Data (NR Band n30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 361 of 427

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	2.90	1 / 12	24.63	27.53	0.566	33.01	-5.48
		2535.0	2.90	1 / 23	24.40	27.30	0.537	33.01	-5.71
		2567.5	2.90	1 / 1	24.64	27.54	0.568	33.01	-5.47
	QPSK	2502.5	2.90	1 / 12	24.70	27.60	0.575	33.01	-5.41
		2535.0	2.90	1 / 1	24.69	27.59	0.574	33.01	-5.42
		2567.5	2.90	1 / 12	24.69	27.59	0.574	33.01	-5.42
	16-QAM	2535.0	2.90	1 / 1	23.71	26.61	0.458	33.01	-6.40
	64-QAM	2567.5	2.90	1 / 1	22.71	25.61	0.364	33.01	-7.40
10 MHz	π/2 BPSK	2505.0	2.90	1 / 50	24.70	27.60	0.575	33.01	-5.41
		2535.0	2.90	1 / 25	24.65	27.55	0.569	33.01	-5.46
		2565.0	2.90	1 / 50	24.53	27.43	0.553	33.01	-5.58
	QPSK	2505.0	2.90	1 / 1	24.59	27.49	0.561	33.01	-5.52
		2535.0	2.90	1 / 1	24.62	27.52	0.565	33.01	-5.49
		2565.0	2.90	1 / 25	24.64	27.54	0.568	33.01	-5.47
	16-QAM	2565.0	2.90	1 / 25	23.70	26.60	0.457	33.01	-6.41
	64-QAM	2565.0	2.90	1 / 1	22.67	25.57	0.361	33.01	-7.44
15 MHz	π/2 BPSK	2507.5	2.90	1 / 1	24.49	27.39	0.548	33.01	-5.62
		2535.0	2.90	1 / 37	24.52	27.42	0.552	33.01	-5.59
		2562.5	2.90	1 / 73	24.38	27.28	0.535	33.01	-5.73
	QPSK	2507.5	2.90	1 / 1	24.70	27.60	0.575	33.01	-5.41
		2535.0	2.90	1 / 73	24.68	27.58	0.573	33.01	-5.43
		2562.5	2.90	1 / 73	24.58	27.48	0.560	33.01	-5.53
	16-QAM	2507.5	2.90	1 / 1	23.62	26.52	0.449	33.01	-6.49
	64-QAM	2535.0	2.90	1 / 1	22.56	25.46	0.352	33.01	-7.55
20 MHz	π/2 BPSK	2535.0	2.90	1 / 73	19.78	22.68	0.185	33.01	-10.33
		2510.0	2.90	1 / 50	24.70	27.60	0.575	33.01	-5.41
		2535.0	2.90	1 / 98	24.43	27.33	0.541	33.01	-5.68
	QPSK	2560.0	2.90	1 / 98	24.53	27.43	0.553	33.01	-5.58
		2510.0	2.90	1 / 1	24.66	27.56	0.570	33.01	-5.45
		2535.0	2.90	1 / 98	24.56	27.46	0.557	33.01	-5.55
	16-QAM	2560.0	2.90	1 / 1	24.66	27.56	0.570	33.01	-5.45
	64-QAM	2535.0	2.90	1 / 1	23.62	26.52	0.449	33.01	-6.49
25 MHz	π/2 BPSK	2510.0	2.90	1 / 98	22.70	25.60	0.363	33.01	-7.41
		2535.0	2.90	1 / 1	19.77	22.67	0.185	33.01	-10.34
		2512.5	2.90	1 / 66	24.63	27.53	0.566	33.01	-5.48
	QPSK	2535.0	2.90	1 / 131	24.70	27.60	0.575	33.01	-5.41
		2557.5	2.90	1 / 131	24.70	27.60	0.575	33.01	-5.41
		2512.5	2.90	1 / 66	24.63	27.53	0.566	33.01	-5.48
	16-QAM	2535.0	2.90	1 / 1	24.65	27.55	0.569	33.01	-5.46
	64-QAM	2557.5	2.90	1 / 66	24.70	27.60	0.575	33.01	-5.41
30 MHz	π/2 BPSK	2512.5	2.90	1 / 66	23.76	26.66	0.463	33.01	-6.35
		2557.5	2.90	1 / 1	22.69	25.59	0.362	33.01	-7.42
		2557.5	2.90	1 / 66	19.86	22.76	0.189	33.01	-10.25
	QPSK	2515.0	2.90	1 / 158	24.31	27.21	0.526	33.01	-5.80
		2535.0	2.90	1 / 158	24.58	27.48	0.560	33.01	-5.53
		2555.0	2.90	1 / 1	24.54	27.44	0.555	33.01	-5.57
	16-QAM	2515.0	2.90	1 / 158	24.70	27.60	0.575	33.01	-5.41
	64-QAM	2535.0	2.90	1 / 1	24.63	27.53	0.566	33.01	-5.48
35 MHz	π/2 BPSK	2555.0	2.90	1 / 1	24.65	27.55	0.569	33.01	-5.46
		2515.0	2.90	1 / 80	23.70	26.60	0.457	33.01	-6.41
		2535.0	2.90	1 / 1	22.64	25.54	0.358	33.01	-7.47
	QPSK	2550.0	2.90	1 / 80	19.73	22.63	0.183	33.01	-10.38
		2517.5	2.90	1 / 108	24.46	27.36	0.545	33.01	-5.65
		2535.0	2.90	1 / 1	24.40	27.30	0.537	33.01	-5.71
	16-QAM	2552.5	2.90	1 / 214	24.70	27.60	0.575	33.01	-5.41
	64-QAM	2517.5	2.90	1 / 1	24.70	27.60	0.575	33.01	-5.41
40 MHz	π/2 BPSK	2535.0	2.90	1 / 1	24.66	27.56	0.570	33.01	-5.45
		2552.5	2.90	1 / 214	24.68	27.58	0.573	33.01	-5.43
		2517.5	2.90	1 / 214	23.71	26.61	0.458	33.01	-6.40
	QPSK	2535.0	2.90	1 / 214	22.68	25.58	0.361	33.01	-7.43
		2517.5	2.90	1 / 214	19.83	22.73	0.187	33.01	-10.28
		2520.0	2.90	1 / 108	24.31	27.21	0.526	33.01	-5.80
	16-QAM	2535.0	2.90	1 / 108	24.60	27.50	0.562	33.01	-5.51
	64-QAM	2550.0	2.90	1 / 1	24.66	27.56	0.570	33.01	-5.45

Table 7-30. Antenna 3a EIRP Data (NR Band n7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 362 of 427

V2.2 09/07/2023

NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
10 MHz	11/2 BPSK	2501.0	1.90	1 / 22	26.60	28.50	0.708	33.01	-4.51		
		2593.0	1.90	1 / 22	26.63	28.53	0.713	33.01	-4.48		
		2685.0	1.90	1 / 12	26.70	28.60	0.724	33.01	-4.41		
		2501.0	1.90	1 / 22	26.62	28.52	0.711	33.01	-4.49		
		2593.0	1.90	1 / 12	26.59	28.49	0.706	33.01	-4.52		
	QPSK	2685.0	1.90	1 / 22	26.68	28.58	0.721	33.01	-4.43		
		16-QAM	2685.0	1.90	1 / 22	25.71	27.61	0.577	33.01	-5.40	
		64-QAM	2685.0	1.90	1 / 22	24.14	26.04	0.402	33.01	-6.97	
		256-QAM	2685.0	1.90	1 / 22	22.25	24.15	0.260	33.01	-8.86	
		2503.5	1.90	1 / 36	26.66	28.56	0.718	33.01	-4.45		
15 MHz	11/2 BPSK	2593.0	1.90	1 / 18	26.61	28.51	0.709	33.01	-4.50		
		2682.5	1.90	1 / 18	26.60	28.50	0.708	33.01	-4.51		
		2503.5	1.90	1 / 36	26.69	28.59	0.723	33.01	-4.42		
		2593.0	1.90	1 / 36	26.67	28.57	0.720	33.01	-4.44		
		2682.5	1.90	1 / 36	26.63	28.53	0.713	33.01	-4.44		
	QPSK	2593.0	1.90	1 / 36	26.02	27.92	0.619	33.01	-5.09		
		64-QAM	2593.0	1.90	1 / 18	23.91	25.81	0.381	33.01	-7.20	
		256-QAM	2682.5	1.90	1 / 36	22.16	24.06	0.255	33.01	-8.95	
		20 MHz	11/2 BPSK	2506.0	1.90	1 / 49	26.62	28.52	0.711	33.01	-4.49
				2593.0	1.90	1 / 25	26.61	28.51	0.709	33.01	-4.51
2680.0	1.90			1 / 25	26.66	28.56	0.717	33.01	-4.45		
QPSK	2506.0			1.90	1 / 49	26.57	28.47	0.703	33.01	-4.54	
	2593.0			1.90	1 / 25	26.68	28.58	0.721	33.01	-4.43	
	2680.0	1.90	1 / 49	26.59	28.49	0.707	33.01	-4.52			
16-QAM	2680.0	1.90	1 / 25	25.78	27.68	0.587	33.01	-5.33			
64-QAM	2680.0	1.90	1 / 25	24.03	25.93	0.392	33.01	-7.08			
256-QAM	2593.0	1.90	1 / 49	22.18	24.08	0.256	33.01	-8.93			
30 MHz	11/2 BPSK	2511.0	1.90	1 / 76	26.64	28.54	0.714	33.01	-4.47		
		2593.0	1.90	1 / 76	26.63	28.53	0.713	33.01	-4.48		
		2675.0	1.90	1 / 76	26.70	28.60	0.724	33.01	-4.41		
		2511.0	1.90	1 / 76	26.61	28.51	0.710	33.01	-4.50		
		2593.0	1.90	1 / 76	26.62	28.52	0.712	33.01	-4.49		
	QPSK	2675.0	1.90	1 / 36	26.37	28.27	0.672	33.01	-4.74		
		16-QAM	2593.0	1.90	1 / 76	25.84	27.74	0.594	33.01	-5.27	
		64-QAM	2675.0	1.90	1 / 76	24.05	25.95	0.394	33.01	-7.06	
		256-QAM	2675.0	1.90	1 / 36	22.20	24.10	0.257	33.01	-8.91	
		40 MHz	11/2 BPSK	2516.0	1.90	1 / 104	26.66	28.56	0.718	33.01	-4.45
2593.0	1.90			1 / 104	26.57	28.47	0.703	33.01	-4.54		
2670.0	1.90			1 / 104	26.70	28.60	0.724	33.01	-4.41		
QPSK	2516.0			1.90	1 / 104	26.61	28.51	0.710	33.01	-4.50	
	2593.0			1.90	1 / 104	26.65	28.55	0.716	33.01	-4.46	
	2670.0	1.90	1 / 50	26.52	28.42	0.695	33.01	-4.59			
50 MHz	16-QAM	2670.0	1.90	1 / 104	25.55	27.45	0.556	33.01	-5.56		
		2593.0	1.90	1 / 104	24.11	26.01	0.399	33.01	-7.00		
		2670.0	1.90	1 / 50	22.10	24.00	0.251	33.01	-9.01		
		256-QAM	2521.0	1.90	1 / 131	26.56	28.46	0.701	33.01	-4.55	
			2593.0	1.90	1 / 64	26.59	28.49	0.706	33.01	-4.52	
	2665.0		1.90	1 / 64	26.45	28.35	0.683	33.01	-4.66		
	QPSK	2521.0	1.90	1 / 131	26.52	28.42	0.695	33.01	-4.59		
		2593.0	1.90	1 / 64	26.47	28.37	0.686	33.01	-4.64		
		2665.0	1.90	1 / 131	26.40	28.30	0.676	33.01	-4.71		
		16-QAM	2593.0	1.90	1 / 64	25.44	27.34	0.542	33.01	-5.67	
64-QAM		2593.0	1.90	1 / 131	23.71	25.61	0.364	33.01	-7.40		
256-QAM	2665.0	1.90	1 / 131	22.16	24.06	0.255	33.01	-8.95			
60 MHz	11/2 BPSK	2526.0	1.90	1 / 81	26.57	28.47	0.703	33.01	-4.54		
		2593.0	1.90	1 / 81	26.58	28.48	0.705	33.01	-4.53		
		2660.0	1.90	1 / 81	26.37	28.27	0.672	33.01	-4.74		
		QPSK	2526.0	1.90	1 / 160	26.49	28.39	0.690	33.01	-4.62	
			2593.0	1.90	1 / 81	26.53	28.43	0.697	33.01	-4.58	
	2660.0		1.90	1 / 160	26.31	28.21	0.663	33.01	-4.80		
	16-QAM	2593.0	1.90	1 / 81	25.47	27.37	0.545	33.01	-5.65		
		64-QAM	2593.0	1.90	1 / 81	23.58	25.48	0.353	33.01	-7.53	
		256-QAM	2660.0	1.90	1 / 81	21.83	23.73	0.236	33.01	-9.28	
		70 MHz	11/2 BPSK	2531.0	1.90	1 / 90	26.70	28.60	0.724	33.01	-4.41
2593.0				1.90	1 / 187	26.32	28.22	0.663	33.01	-4.79	
2655.0	1.90			1 / 90	26.31	28.21	0.662	33.01	-4.80		
QPSK	2531.0			1.90	1 / 90	26.62	28.52	0.712	33.01	-4.49	
	2593.0			1.90	1 / 90	26.30	28.20	0.661	33.01	-4.81	
	2655.0	1.90	1 / 187	26.46	28.36	0.686	33.01	-4.65			
80 MHz	16-QAM	2531.0	1.90	1 / 90	25.64	27.54	0.567	33.01	-5.47		
		64-QAM	2531.0	1.90	1 / 90	24.06	25.96	0.395	33.01	-7.05	
		256-QAM	2531.0	1.90	1 / 90	22.19	24.09	0.256	33.01	-8.92	
		11/2 BPSK	2536.0	1.90	1 / 108	26.67	28.57	0.720	33.01	-4.44	
			2593.0	1.90	1 / 215	26.49	28.39	0.691	33.01	-4.62	
	2650.0		1.90	1 / 108	26.41	28.31	0.678	33.01	-4.70		
	QPSK	2536.0	1.90	1 / 108	26.65	28.55	0.716	33.01	-4.46		
		2593.0	1.90	50 / 0	26.37	28.27	0.671	33.01	-4.74		
		2650.0	1.90	1 / 108	26.40	28.30	0.676	33.01	-4.71		
		16-QAM	2536.0	1.90	1 / 108	25.79	27.69	0.587	33.01	-5.32	
64-QAM		2536.0	1.90	1 / 108	23.89	25.79	0.379	33.01	-7.22		
256-QAM	2536.0	1.90	1 / 108	22.22	24.12	0.258	33.01	-8.89			
90 MHz	11/2 BPSK	2541.0	1.90	1 / 120	26.47	28.37	0.688	33.01	-4.64		
		2593.0	1.90	1 / 243	26.33	28.23	0.665	33.01	-4.78		
		2645.0	1.90	1 / 120	26.37	28.27	0.672	33.01	-4.74		
		QPSK	2541.0	1.90	1 / 120	26.67	28.57	0.719	33.01	-4.44	
			2593.0	1.90	1 / 243	26.29	28.19	0.659	33.01	-4.82	
	2645.0		1.90	1 / 243	26.39	28.29	0.674	33.01	-4.73		
	16-QAM	2593.0	1.90	1 / 243	25.62	27.52	0.565	33.01	-5.49		
	64-QAM	2541.0	1.90	1 / 120	23.91	25.81	0.381	33.01	-7.20		
	256-QAM	2541.0	1.90	1 / 120	21.93	23.83	0.242	33.01	-9.18		
	100 MHz	11/2 BPSK	2546.0	1.90	1 / 135	26.70	28.60	0.724	33.01	-4.41	
2593.0			1.90	1 / 271	26.48	28.38	0.689	33.01	-4.63		
2640.0			1.90	1 / 135	26.41	28.31	0.678	33.01	-4.70		
QPSK			2546.0	1.90	1 / 135	26.50	28.40	0.692	33.01	-4.41	
			2593.0	1.90	1 / 271	26.40	28.30	0.676	33.01	-4.71	
		2640.0	1.90	1 / 135	26.30	28.20	0.661	33.01	-4.81		
16-QAM		2546.0	1.90	1 / 135	25.84	27.74	0.595	33.01	-5.27		
64-QAM		2593.0	1.90	1 / 271	23.95	25.85	0.385	33.01	-7.16		
256-QAM		2546.0	1.90	1 / 135	22.16	24.06	0.255	33.01	-8.95		

Table 7-31. Antenna 3a EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 363 of 427

V2.2 09/07/2023

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	1.90	1 / 12	25.52	27.42	0.552	33.01	-5.59
		2593.0	1.90	1 / 12	25.40	27.30	0.537	33.01	-5.71
		2685.0	1.90	1 / 12	25.54	27.44	0.555	33.01	-5.57
	QPSK	2501.0	1.90	1 / 12	25.51	27.41	0.551	33.01	-5.60
		2593.0	1.90	1 / 12	25.41	27.31	0.539	33.01	-5.70
		2685.0	1.90	1 / 12	25.56	27.46	0.557	33.01	-5.55
	16-QAM	2685.0	1.90	1 / 12	24.72	26.62	0.460	33.01	-6.39
	64-QAM	2593.0	1.90	1 / 22	22.74	24.64	0.291	33.01	-8.37
	256-QAM	2685.0	1.90	1 / 22	21.16	23.06	0.202	33.01	-9.95
	11/2 BPSK	2503.5	1.90	1 / 36	25.61	27.51	0.564	33.01	-5.50
2593.0		1.90	1 / 36	25.60	27.50	0.562	33.01	-5.51	
2682.5		1.90	1 / 36	25.55	27.45	0.555	33.01	-5.56	
15 MHz	QPSK	2503.5	1.90	1 / 36	25.52	27.42	0.552	33.01	-5.59
		2593.0	1.90	1 / 36	25.59	27.49	0.562	33.01	-5.52
		2682.5	1.90	1 / 18	25.53	27.43	0.553	33.01	-5.58
	16-QAM	2593.0	1.90	1 / 36	24.69	26.59	0.456	33.01	-6.42
	64-QAM	2593.0	1.90	1 / 36	23.04	24.94	0.312	33.01	-8.07
	256-QAM	2593.0	1.90	1 / 18	21.07	22.97	0.198	33.01	-10.04
20 MHz	11/2 BPSK	2506.0	1.90	1 / 49	25.65	27.55	0.569	33.01	-5.46
		2593.0	1.90	1 / 25	25.58	27.48	0.559	33.01	-5.53
		2680.0	1.90	1 / 25	25.57	27.47	0.558	33.01	-5.54
	QPSK	2506.0	1.90	1 / 49	25.60	27.50	0.562	33.01	-5.51
		2593.0	1.90	1 / 25	25.58	27.48	0.560	33.01	-5.53
		2680.0	1.90	1 / 25	25.60	27.50	0.563	33.01	-5.51
	16-QAM	2680.0	1.90	1 / 25	24.67	26.57	0.454	33.01	-6.44
	64-QAM	2593.0	1.90	1 / 25	22.84	24.74	0.298	33.01	-8.27
	256-QAM	2593.0	1.90	1 / 25	20.97	22.87	0.194	33.01	-10.14
	30 MHz	11/2 BPSK	2511.0	1.90	1 / 36	25.53	27.43	0.553	33.01
2675.0			1.90	1 / 76	25.64	27.54	0.567	33.01	-5.47
2593.0			1.90	1 / 76	25.67	27.57	0.571	33.01	-5.44
QPSK		2511.0	1.90	1 / 76	25.53	27.43	0.553	33.01	-5.58
		2593.0	1.90	1 / 76	25.68	27.58	0.573	33.01	-5.43
		2675.0	1.90	1 / 76	25.65	27.55	0.569	33.01	-5.46
16-QAM		2675.0	1.90	1 / 76	24.71	26.61	0.458	33.01	-6.40
64-QAM		2675.0	1.90	1 / 76	23.03	24.93	0.311	33.01	-8.08
256-QAM	2593.0	1.90	1 / 76	21.14	23.04	0.201	33.01	-9.97	
40 MHz	11/2 BPSK	2516.0	1.90	1 / 104	25.50	27.40	0.550	33.01	-5.61
		2593.0	1.90	1 / 104	25.64	27.54	0.567	33.01	-5.47
		2670.0	1.90	1 / 104	25.70	27.60	0.575	33.01	-5.41
	QPSK	2516.0	1.90	1 / 104	25.36	27.26	0.532	33.01	-5.75
		2593.0	1.90	1 / 104	25.70	27.60	0.575	33.01	-5.41
		2670.0	1.90	1 / 104	25.65	27.55	0.569	33.01	-5.46
	16-QAM	2670.0	1.90	1 / 104	24.92	26.82	0.481	33.01	-6.19
	64-QAM	2593.0	1.90	1 / 104	23.09	24.99	0.316	33.01	-8.02
	256-QAM	2670.0	1.90	1 / 104	21.23	23.13	0.205	33.01	-9.88
	50 MHz	11/2 BPSK	2521.0	1.90	1 / 131	25.37	27.27	0.533	33.01
2665.0			1.90	1 / 64	25.68	27.58	0.573	33.01	-5.42
2521.0			1.90	1 / 64	25.59	27.49	0.561	33.01	-5.52
QPSK		2521.0	1.90	1 / 131	25.55	27.45	0.556	33.01	-5.56
		2593.0	1.90	1 / 64	25.51	27.41	0.551	33.01	-5.60
		2665.0	1.90	1 / 131	25.55	27.45	0.556	33.01	-5.56
16-QAM		2665.0	1.90	1 / 131	24.66	26.56	0.453	33.01	-6.45
64-QAM		2593.0	1.90	1 / 64	22.85	24.75	0.298	33.01	-8.26
256-QAM		2593.0	1.90	1 / 131	21.21	23.11	0.205	33.01	-9.90
60 MHz		11/2 BPSK	2526.0	1.90	1 / 81	25.32	27.22	0.527	33.01
	2593.0		1.90	1 / 81	25.67	27.57	0.571	33.01	-5.44
	2660.0		1.90	1 / 81	25.50	27.40	0.550	33.01	-5.61
	QPSK	2526.0	1.90	1 / 160	25.36	27.26	0.532	33.01	-5.75
		2593.0	1.90	1 / 81	25.54	27.44	0.555	33.01	-5.57
		2660.0	1.90	1 / 81	25.45	27.35	0.544	33.01	-5.66
	16-QAM	2593.0	1.90	1 / 81	24.62	26.52	0.448	33.01	-6.49
	64-QAM	2593.0	1.90	1 / 81	22.77	24.67	0.293	33.01	-8.34
	256-QAM	2593.0	1.90	1 / 81	21.07	22.97	0.198	33.01	-10.04
	70 MHz	11/2 BPSK	2531.0	1.90	1 / 90	25.53	27.43	0.553	33.01
2531.0			1.90	1 / 90	25.49	27.39	0.549	33.01	-5.62
2655.0			1.90	1 / 187	25.40	27.30	0.537	33.01	-5.71
QPSK		2531.0	1.90	1 / 90	25.68	27.58	0.573	33.01	-5.43
		2593.0	1.90	1 / 90	25.40	27.30	0.536	33.01	-5.72
		2655.0	1.90	1 / 90	25.47	27.37	0.546	33.01	-5.64
16-QAM		2655.0	1.90	1 / 90	24.78	26.68	0.466	33.01	-6.33
64-QAM		2531.0	1.90	1 / 90	22.80	24.70	0.295	33.01	-8.32
256-QAM		2531.0	1.90	1 / 187	21.25	23.15	0.207	33.01	-9.86
80 MHz		11/2 BPSK	2536.0	1.90	1 / 108	25.70	27.60	0.575	33.01
	2593.0		1.90	1 / 215	25.55	27.45	0.556	33.01	-5.56
	2650.0		1.90	1 / 108	25.51	27.41	0.550	33.01	-5.60
	QPSK	2536.0	1.90	1 / 108	25.62	27.52	0.565	33.01	-5.49
		2593.0	1.90	1 / 215	25.54	27.44	0.555	33.01	-5.57
		2650.0	1.90	1 / 108	25.44	27.34	0.542	33.01	-5.67
	16-QAM	2593.0	1.90	1 / 215	24.81	26.71	0.469	33.01	-6.30
	64-QAM	2536.0	1.90	1 / 108	22.85	24.75	0.299	33.01	-8.26
	256-QAM	2536.0	1.90	1 / 215	21.21	23.11	0.204	33.01	-9.90
	90 MHz	11/2 BPSK	2541.0	1.90	1 / 120	25.67	27.57	0.571	33.01
2593.0			1.90	1 / 243	25.61	27.51	0.564	33.01	-5.50
2645.0			1.90	1 / 120	25.54	27.44	0.555	33.01	-5.57
QPSK		2541.0	1.90	1 / 120	25.68	27.58	0.572	33.01	-5.43
		2593.0	1.90	1 / 243	25.68	27.58	0.572	33.01	-5.43
		2645.0	1.90	1 / 120	25.59	27.49	0.561	33.01	-5.52
16-QAM		2541.0	1.90	1 / 120	24.79	26.69	0.467	33.01	-6.32
64-QAM		2541.0	1.90	1 / 120	22.89	24.79	0.302	33.01	-8.22
256-QAM		2645.0	1.90	1 / 120	21.18	23.08	0.203	33.01	-9.93
100 MHz		11/2 BPSK	2546.0	1.90	1 / 135	25.64	27.54	0.568	33.01
	2593.0		1.90	1 / 271	25.53	27.43	0.553	33.01	-5.59
	2640.0		1.90	1 / 135	25.55	27.45	0.555	33.01	-5.56
	QPSK	2546.0	1.90	1 / 135	25.63	27.53	0.567	33.01	-5.48
		2593.0	1.90	1 / 271	25.58	27.48	0.560	33.01	-5.53
		2640.0	1.90	1 / 135	25.56	27.46	0.557	33.01	-5.55
	16-QAM	2593.0	1.90	1 / 271	24.94	26.84	0.483	33.01	-6.17
	64-QAM	2546.0	1.90	1 / 135	22.96	24.86	0.307	33.01	-8.15
256-QAM	2593.0	1.90	1 / 271	21.06	22.96	0.197	33.01	-10.05	

ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	24.23	2.90	27.13	0.516	33.01	-5.88
				21100	2535.0	1	99		21298	2554.8	1	0	24.38	2.90	27.28	0.535	33.01	-5.73
			QPSK	21350	2560.0	1	0	QPSK	21152	2540.2	1	99	24.46	2.90	27.36	0.545	33.01	-5.65
				QPSK	21350	2560	100		0	QPSK	21152	2540.2	100	0	23.34	2.90	26.24	0.421
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	22.28	2.90	25.18	0.330	33.01	-7.83
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	21.19	2.90	24.09	0.256	33.01	-8.92
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	19.35	2.90	22.25	0.168	33.01	-10.76

Table 7-33. Antenna 3a EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.24	1.90	28.14	0.652	33.01	-4.87
				39790	2510.0	1	99		39988	2529.8	1	0	26.2	1.90	28.10	0.646	33.01	-4.91
				40620	2593.0	1	99		40818	2612.8	1	0	26.39	1.90	28.29	0.675	33.01	-4.72
				41490	2680.0	1	0		41292	2660.2	1	99	26.41	1.90	28.31	0.678	33.01	-4.70
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	24.86	1.90	26.76	0.474	33.01	-6.25
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	23.58	1.90	25.48	0.353	33.01	-7.53
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	23.35	1.90	25.25	0.335	33.01	-7.76
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.24	1.90	23.14	0.206	33.01	-9.87

Table 7-34. Antenna 3a EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.35	1.90	27.25	0.531	33.01	-5.76
				39790	2510.0	1	99		39988	2529.8	1	0	25.47	1.90	27.37	0.546	33.01	-5.64
				40620	2593.0	1	99		40818	2612.8	1	0	25.63	1.90	27.53	0.566	33.01	-5.48
				41490	2680.0	1	0		41292	2660.2	1	99	25.53	1.90	27.43	0.553	33.01	-5.58
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	22.61	1.90	24.51	0.282	33.01	-8.50
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	21.34	1.90	23.24	0.211	33.01	-9.77
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	21.52	1.90	23.42	0.220	33.01	-9.59
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.43	1.90	23.33	0.215	33.01	-9.68

Table 7-35. Antenna 3a EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 365 of 427

7.6.4 Antenna 1b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-4.00	1 / 12	23.18	19.18	0.083	23.98	-4.80
		2310.0	-4.00	1 / 24	23.20	19.20	0.083	23.98	-4.78
		2312.5	-4.00	1 / 24	23.11	19.11	0.081	23.98	-4.87
	16-QAM	2312.5	-4.00	1 / 0	22.16	18.16	0.065	23.98	-5.82
	64-QAM	2310.0	-4.00	1 / 0	21.20	17.20	0.052	23.98	-6.78
	256-QAM	2307.5	-4.00	1 / 0	18.28	14.28	0.027	23.98	-9.70
10 MHz	QPSK	2310.0	-4.00	1 / 0	23.08	19.08	0.081	23.98	-4.90
	16-QAM	2310.0	-4.00	1 / 49	21.91	17.91	0.062	23.98	-6.07
	64-QAM	2310.0	-4.00	1 / 25	21.08	17.08	0.051	23.98	-6.90
	256-QAM	2310.0	-4.00	1 / 0	18.03	14.03	0.025	23.98	-9.95

Table 7-36. Antenna 1b EIRP Data (LTE Band 30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 366 of 427

V2.2 09/07/2023

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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-2.80	1 / 12	23.09	20.29	0.107	33.01	-12.72
		2535.0	-2.80	1 / 0	23.10	20.30	0.107	33.01	-12.71
		2567.5	-2.80	1 / 0	23.20	20.40	0.110	33.01	-12.61
	16-QAM	2502.5	-2.80	1 / 12	22.06	19.26	0.084	33.01	-13.75
	64-QAM	2535.0	-2.80	1 / 0	21.18	18.38	0.069	33.01	-14.63
	256-QAM	2535.0	-2.80	1 / 12	18.29	15.49	0.035	33.01	-17.52
10 MHz	QPSK	2505.0	-2.80	1 / 25	22.92	20.12	0.103	33.01	-12.89
		2535.0	-2.80	1 / 0	23.20	20.40	0.110	33.01	-12.61
		2565.0	-2.80	1 / 25	23.17	20.37	0.109	33.01	-12.64
	16-QAM	2505.0	-2.80	1 / 0	22.19	19.39	0.087	33.01	-13.62
	64-QAM	2505.0	-2.80	1 / 49	21.21	18.41	0.069	33.01	-14.60
	256-QAM	2565.0	-2.80	1 / 0	18.21	15.41	0.035	33.01	-17.60
15 MHz	QPSK	2507.5	-2.80	1 / 0	23.16	20.36	0.109	33.01	-12.65
		2535.0	-2.80	1 / 0	23.20	20.40	0.110	33.01	-12.61
		2562.5	-2.80	1 / 0	23.17	20.37	0.109	33.01	-12.64
	16-QAM	2535.0	-2.80	1 / 37	22.24	19.44	0.088	33.01	-13.57
	64-QAM	2562.5	-2.80	1 / 0	21.24	18.44	0.070	33.01	-14.57
	256-QAM	2562.5	-2.80	1 / 74	18.32	15.52	0.036	33.01	-17.49
20 MHz	QPSK	2510.0	-2.80	1 / 50	23.19	20.39	0.109	33.01	-12.62
		2535.0	-2.80	1 / 50	23.20	20.40	0.110	33.01	-12.61
		2560.0	-2.80	1 / 0	23.20	20.40	0.110	33.01	-12.61
	16-QAM	2535.0	-2.80	1 / 50	22.24	19.44	0.088	33.01	-13.57
	64-QAM	2510.0	-2.80	1 / 99	21.15	18.35	0.068	33.01	-14.66
	256-QAM	2560.0	-2.80	1 / 99	18.35	15.55	0.036	33.01	-17.46

Table 7-37. Antenna 1b EIRP Data (LTE Band 7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 367 of 427

V2.2 09/07/2023

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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-3.70	1 / 0	27.10	23.40	0.219	33.01	-9.61
		2593.0	-3.70	1 / 12	27.20	23.50	0.224	33.01	-9.51
		2687.5	-3.70	1 / 0	27.12	23.42	0.220	33.01	-9.59
	16-QAM	2593.0	-3.70	1 / 0	26.26	22.56	0.180	33.01	-10.45
	64-QAM	2498.5	-3.70	1 / 0	25.26	21.56	0.143	33.01	-11.45
	256-QAM	2498.5	-3.70	1 / 0	22.33	18.63	0.073	33.01	-14.38
10 MHz	QPSK	2501.0	-3.70	1 / 25	27.15	23.45	0.221	33.01	-9.56
		2593.0	-3.70	1 / 25	27.20	23.50	0.224	33.01	-9.51
		2685.0	-3.70	1 / 49	26.81	23.11	0.205	33.01	-9.90
	16-QAM	2593.0	-3.70	1 / 25	26.10	22.40	0.174	33.01	-10.61
	64-QAM	2685.0	-3.70	1 / 0	25.10	21.40	0.138	33.01	-11.61
	256-QAM	2501.0	-3.70	1 / 49	22.28	18.58	0.072	33.01	-14.43
15 MHz	QPSK	2503.5	-3.70	1 / 74	26.97	23.27	0.212	33.01	-9.74
		2593.0	-3.70	1 / 74	27.17	23.47	0.222	33.01	-9.54
		2682.5	-3.70	1 / 74	26.88	23.18	0.208	33.01	-9.83
	16-QAM	2503.5	-3.70	1 / 37	26.01	22.31	0.170	33.01	-10.70
	64-QAM	2593.0	-3.70	1 / 37	25.19	21.49	0.141	33.01	-11.52
	256-QAM	2593.0	-3.70	1 / 0	22.30	18.60	0.072	33.01	-14.41
20 MHz	QPSK	2506.0	-3.70	1 / 99	27.11	23.41	0.219	33.01	-9.60
		2593.0	-3.70	1 / 99	27.20	23.50	0.224	33.01	-9.51
		2680.0	-3.70	1 / 0	27.11	23.41	0.219	33.01	-9.60
	16-QAM	2593.0	-3.70	1 / 0	26.24	22.54	0.179	33.01	-10.47
	64-QAM	2680.0	-3.70	1 / 50	25.20	21.50	0.141	33.01	-11.51
	256-QAM	2593.0	-3.70	1 / 99	22.33	18.63	0.073	33.01	-14.38

Table 7-38. Antenna 1b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 368 of 427

V2.2 09/07/2023

LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-3.70	1 / 24	25.41	21.71	0.148	33.01	-11.30
		2593.0	-3.70	1 / 12	25.63	21.93	0.156	33.01	-11.08
		2687.5	-3.70	1 / 0	25.60	21.90	0.155	33.01	-11.11
	16-QAM	2687.5	-3.70	1 / 24	24.68	20.98	0.125	33.01	-12.03
	64-QAM	2593.0	-3.70	1 / 12	23.68	19.98	0.100	33.01	-13.03
	256-QAM	2687.5	-3.70	1 / 24	20.76	17.06	0.051	33.01	-15.95
10 MHz	QPSK	2501.0	-3.70	1 / 25	25.68	21.98	0.158	33.01	-11.03
		2593.0	-3.70	1 / 25	25.70	22.00	0.158	33.01	-11.01
		2685.0	-3.70	1 / 0	25.57	21.87	0.154	33.01	-11.14
	16-QAM	2685.0	-3.70	1 / 0	24.70	21.00	0.126	33.01	-12.01
	64-QAM	2501.0	-3.70	1 / 25	23.65	19.95	0.099	33.01	-13.06
	256-QAM	2685.0	-3.70	1 / 0	20.68	16.98	0.050	33.01	-16.03
15 MHz	QPSK	2503.5	-3.70	1 / 0	25.67	21.97	0.157	33.01	-11.04
		2593.0	-3.70	1 / 0	25.62	21.92	0.156	33.01	-11.09
		2682.5	-3.70	1 / 74	25.70	22.00	0.158	33.01	-11.01
	16-QAM	2593.0	-3.70	1 / 37	24.66	20.96	0.125	33.01	-12.05
	64-QAM	2593.0	-3.70	1 / 0	23.71	20.01	0.100	33.01	-13.00
	256-QAM	2503.5	-3.70	1 / 37	20.77	17.07	0.051	33.01	-15.94
20 MHz	QPSK	2506.0	-3.70	1 / 50	25.63	21.93	0.156	33.01	-11.08
		2593.0	-3.70	1 / 99	25.64	21.94	0.156	33.01	-11.07
		2680.0	-3.70	1 / 50	25.65	21.95	0.157	33.01	-11.06
	16-QAM	2680.0	-3.70	1 / 99	24.74	21.04	0.127	33.01	-11.97
	64-QAM	2506.0	-3.70	1 / 0	23.73	20.03	0.101	33.01	-12.98
	256-QAM	2680.0	-3.70	1 / 0	20.81	17.11	0.051	33.01	-15.90

Table 7-39. Antenna 1b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 369 of 427

V2.2 09/07/2023

NR Band n30

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	2307.5	-4.00	1 / 12	23.05	19.05	0.080	23.98	-4.93
		2310.0	-4.00	1 / 12	22.99	18.99	0.079	23.98	-4.99
		2312.5	-4.00	1 / 12	23.02	19.02	0.080	23.98	-4.96
	QPSK	2307.5	-4.00	1 / 1	22.74	18.74	0.075	23.98	-5.24
		2310.0	-4.00	1 / 1	22.72	18.72	0.074	23.98	-5.26
		2312.5	-4.00	1 / 1	22.72	18.72	0.075	23.98	-5.26
	16-QAM	2307.5	-4.00	1 / 1	21.71	17.71	0.059	23.98	-6.27
	64-QAM	2307.5	-4.00	1 / 1	21.20	17.20	0.052	23.98	-6.78
	256-QAM	2312.5	-4.00	1 / 1	19.27	15.27	0.034	23.98	-8.71
10 MHz	$\pi/2$ BPSK	2310.0	-4.00	1 / 1	23.04	19.04	0.080	23.98	-4.94
	QPSK	2310.0	-4.00	1 / 25	22.74	18.74	0.075	23.98	-5.24
	16-QAM	2310.0	-4.00	1 / 25	21.85	17.85	0.061	23.98	-6.13
	64-QAM	2310.0	-4.00	1 / 25	21.31	17.31	0.054	23.98	-6.67
	256-QAM	2310.0	-4.00	1 / 1	19.33	15.33	0.034	23.98	-8.65

Table 7-40. Antenna 1b EIRP Data (NR Band n30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 370 of 427

V2.2 09/07/2023

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	-2.80	1 / 23	23.05	20.25	0.106	33.01	-12.76
		2535.0	-2.80	1 / 12	23.11	20.31	0.107	33.01	-12.70
		2567.5	-2.80	1 / 1	23.01	20.21	0.105	33.01	-12.80
	QPSK	2502.5	-2.80	1 / 1	23.20	20.40	0.110	33.01	-12.61
		2535.0	-2.80	1 / 23	22.97	20.17	0.104	33.01	-12.84
		2567.5	-2.80	1 / 23	23.18	20.38	0.109	33.01	-12.63
	16-QAM	2567.5	-2.80	1 / 1	22.18	19.38	0.087	33.01	-13.63
	64-QAM	2502.5	-2.80	1 / 23	21.21	18.41	0.069	33.01	-14.60
256-QAM	2502.5	-2.80	1 / 12	18.31	15.51	0.036	33.01	-17.50	
10 MHz	π/2 BPSK	2505.0	-2.80	1 / 1	23.02	20.22	0.105	33.01	-12.79
		2535.0	-2.80	1 / 25	23.16	20.36	0.109	33.01	-12.65
		2565.0	-2.80	1 / 1	22.98	20.18	0.104	33.01	-12.83
	QPSK	2505.0	-2.80	1 / 50	23.08	20.28	0.107	33.01	-12.73
		2535.0	-2.80	1 / 1	23.20	20.40	0.110	33.01	-12.61
		2565.0	-2.80	1 / 25	23.15	20.35	0.108	33.01	-12.66
	16-QAM	2565.0	-2.80	1 / 25	22.21	19.41	0.087	33.01	-13.60
	64-QAM	2505.0	-2.80	1 / 1	21.13	18.33	0.068	33.01	-14.68
256-QAM	2505.0	-2.80	1 / 1	18.24	15.44	0.035	33.01	-17.57	
15 MHz	π/2 BPSK	2507.5	-2.80	1 / 37	23.10	20.30	0.107	33.01	-12.71
		2535.0	-2.80	1 / 37	23.09	20.29	0.107	33.01	-12.72
		2562.5	-2.80	1 / 1	23.05	20.25	0.106	33.01	-12.76
	QPSK	2507.5	-2.80	1 / 73	22.91	20.11	0.103	33.01	-12.90
		2535.0	-2.80	1 / 37	23.20	20.40	0.110	33.01	-12.61
		2562.5	-2.80	1 / 1	22.89	20.09	0.102	33.01	-12.92
	16-QAM	2562.5	-2.80	1 / 1	22.21	19.41	0.087	33.01	-13.60
	64-QAM	2507.5	-2.80	1 / 37	21.18	18.38	0.069	33.01	-14.63
256-QAM	2535.0	-2.80	1 / 1	18.19	15.39	0.035	33.01	-17.62	
20 MHz	π/2 BPSK	2510.0	-2.80	1 / 98	23.14	20.34	0.108	33.01	-12.67
		2535.0	-2.80	1 / 98	23.18	20.38	0.109	33.01	-12.63
		2560.0	-2.80	1 / 50	23.20	20.40	0.110	33.01	-12.61
	QPSK	2510.0	-2.80	1 / 50	23.17	20.37	0.109	33.01	-12.64
		2535.0	-2.80	1 / 1	23.03	20.23	0.105	33.01	-12.78
		2560.0	-2.80	1 / 1	23.17	20.37	0.109	33.01	-12.64
	16-QAM	2510.0	-2.80	1 / 1	22.22	19.42	0.087	33.01	-13.59
	64-QAM	2560.0	-2.80	1 / 1	21.20	18.40	0.069	33.01	-14.61
256-QAM	2535.0	-2.80	1 / 50	18.23	15.43	0.035	33.01	-17.58	
25 MHz	π/2 BPSK	2512.5	-2.80	1 / 131	22.89	20.09	0.102	33.01	-12.92
		2535.0	-2.80	1 / 1	23.15	20.35	0.108	33.01	-12.66
		2557.5	-2.80	1 / 131	22.81	20.01	0.100	33.01	-13.00
	QPSK	2512.5	-2.80	1 / 131	23.20	20.40	0.110	33.01	-12.61
		2535.0	-2.80	1 / 66	23.18	20.38	0.109	33.01	-12.63
		2557.5	-2.80	1 / 66	23.00	20.20	0.105	33.01	-12.81
	16-QAM	2557.5	-2.80	1 / 66	22.21	19.41	0.087	33.01	-13.60
	64-QAM	2535.0	-2.80	1 / 66	21.18	18.38	0.069	33.01	-14.63
256-QAM	2557.5	-2.80	1 / 1	18.27	15.47	0.035	33.01	-17.54	
30 MHz	π/2 BPSK	2515.0	-2.80	1 / 1	23.06	20.26	0.106	33.01	-12.75
		2535.0	-2.80	1 / 80	23.11	20.31	0.107	33.01	-12.70
		2555.0	-2.80	1 / 158	22.88	20.08	0.102	33.01	-12.93
	QPSK	2515.0	-2.80	1 / 80	23.20	20.40	0.110	33.01	-12.61
		2535.0	-2.80	1 / 80	23.13	20.33	0.108	33.01	-12.68
		2555.0	-2.80	1 / 1	23.00	20.20	0.105	33.01	-12.81
	16-QAM	2535.0	-2.80	1 / 158	22.15	19.35	0.086	33.01	-13.66
	64-QAM	2515.0	-2.80	1 / 1	21.18	18.38	0.069	33.01	-14.63
256-QAM	2555.0	-2.80	1 / 158	18.24	15.44	0.035	33.01	-17.57	
35 MHz	π/2 BPSK	2517.5	-2.80	1 / 1	23.19	20.39	0.109	33.01	-12.62
		2535.0	-2.80	1 / 1	23.14	20.34	0.108	33.01	-12.67
		2552.5	-2.80	1 / 1	22.99	20.19	0.104	33.01	-12.82
	QPSK	2517.5	-2.80	1 / 108	23.20	20.40	0.110	33.01	-12.61
		2535.0	-2.80	1 / 1	23.20	20.40	0.110	33.01	-12.61
		2552.5	-2.80	1 / 1	23.18	20.38	0.109	33.01	-12.63
	16-QAM	2552.5	-2.80	1 / 1	22.24	19.44	0.088	33.01	-13.57
	64-QAM	2517.5	-2.80	1 / 108	21.23	18.43	0.070	33.01	-14.58
256-QAM	2552.5	-2.80	1 / 108	18.27	15.47	0.035	33.01	-17.54	
40 MHz	π/2 BPSK	2520.0	-2.80	1 / 1	23.14	20.34	0.108	33.01	-12.67
		2535.0	-2.80	1 / 108	22.98	20.18	0.104	33.01	-12.83
		2550.0	-2.80	1 / 214	23.13	20.33	0.108	33.01	-12.68
	QPSK	2520.0	-2.80	1 / 214	22.93	20.13	0.103	33.01	-12.88
		2535.0	-2.80	1 / 108	23.20	20.40	0.110	33.01	-12.61
		2550.0	-2.80	1 / 1	23.17	20.37	0.109	33.01	-12.64
	16-QAM	2535.0	-2.80	1 / 108	22.20	19.40	0.087	33.01	-13.61
	64-QAM	2535.0	-2.80	1 / 214	21.20	18.40	0.069	33.01	-14.61
256-QAM	2520.0	-2.80	1 / 214	18.26	15.46	0.035	33.01	-17.55	

Table 7-41. Antenna 1b EIRP Data (NR Band n7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 371 of 427

V2.2 09/07/2023

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	11/2 BPSK	2501.0	-3.70	1 / 12	26.85	23.15	0.207	33.01	-9.86	
		2593.0	-3.70	1 / 12	27.16	23.46	0.222	33.01	-9.55	
		2685.0	-3.70	1 / 22	27.02	23.32	0.215	33.01	-9.69	
	QPSK	2501.0	-3.70	1 / 22	26.95	23.25	0.211	33.01	-9.76	
		2593.0	-3.70	1 / 22	27.20	23.50	0.224	33.01	-9.51	
		2685.0	-3.70	1 / 22	26.74	23.04	0.201	33.01	-9.97	
	16-QAM	2593.0	-3.70	1 / 12	26.34	22.64	0.184	33.01	-10.37	
		64-QAM	2593.0	-3.70	1 / 22	24.71	21.01	0.126	33.01	-12.00
		256-QAM	2593.0	-3.70	1 / 12	22.93	19.23	0.084	33.01	-13.78
	11/2 BPSK	2503.5	-3.70	1 / 36	26.86	23.16	0.207	33.01	-9.85	
2593.0		-3.70	1 / 36	27.16	23.46	0.222	33.01	-9.55		
2682.5		-3.70	1 / 36	26.78	23.08	0.203	33.01	-9.93		
15 MHz	QPSK	2503.5	-3.70	1 / 36	26.73	23.03	0.201	33.01	-9.98	
		2593.0	-3.70	1 / 36	27.20	23.50	0.224	33.01	-9.51	
		2682.5	-3.70	1 / 36	26.78	23.08	0.203	33.01	-9.93	
	16-QAM	2593.0	-3.70	1 / 18	26.37	22.67	0.185	33.01	-10.34	
		64-QAM	2593.0	-3.70	1 / 36	24.70	21.00	0.126	33.01	-12.01
		256-QAM	2593.0	-3.70	1 / 36	22.80	19.10	0.081	33.01	-13.91
20 MHz	11/2 BPSK	2506.0	-3.70	1 / 49	26.77	23.07	0.203	33.01	-9.94	
		2593.0	-3.70	1 / 25	27.15	23.45	0.222	33.01	-9.56	
		2680.0	-3.70	1 / 49	26.80	23.10	0.204	33.01	-9.91	
	QPSK	2506.0	-3.70	1 / 49	26.78	23.08	0.203	33.01	-9.93	
		2593.0	-3.70	1 / 25	27.20	23.50	0.224	33.01	-9.51	
		2680.0	-3.70	1 / 49	26.82	23.12	0.205	33.01	-9.89	
	16-QAM	2593.0	-3.70	1 / 25	26.70	23.00	0.199	33.01	-10.01	
		64-QAM	2593.0	-3.70	1 / 49	24.67	20.97	0.125	33.01	-12.04
		256-QAM	2593.0	-3.70	1 / 25	22.94	19.24	0.084	33.01	-13.77
	11/2 BPSK	2511.0	-3.70	1 / 76	26.88	23.18	0.208	33.01	-9.83	
2593.0		-3.70	1 / 76	27.20	23.50	0.224	33.01	-9.51		
2675.0		-3.70	1 / 76	26.72	23.02	0.200	33.01	-9.99		
30 MHz	QPSK	2511.0	-3.70	1 / 76	26.79	23.09	0.204	33.01	-9.92	
		2593.0	-3.70	1 / 76	27.14	23.44	0.221	33.01	-9.57	
		2675.0	-3.70	1 / 76	26.77	23.07	0.203	33.01	-9.94	
	16-QAM	2593.0	-3.70	1 / 36	26.38	22.68	0.185	33.01	-10.33	
		64-QAM	2593.0	-3.70	1 / 36	24.74	21.04	0.127	33.01	-11.97
		256-QAM	2593.0	-3.70	1 / 36	22.86	19.16	0.082	33.01	-13.85
40 MHz	11/2 BPSK	2516.0	-3.70	1 / 104	26.71	23.01	0.200	33.01	-10.00	
		2593.0	-3.70	1 / 104	27.03	23.33	0.215	33.01	-9.68	
		2670.0	-3.70	1 / 50	27.17	23.47	0.222	33.01	-9.54	
	QPSK	2516.0	-3.70	1 / 50	26.80	23.10	0.204	33.01	-9.91	
		2593.0	-3.70	1 / 50	27.05	23.35	0.216	33.01	-9.66	
		2670.0	-3.70	1 / 50	26.99	23.29	0.213	33.01	-9.72	
	16-QAM	2670.0	-3.70	1 / 50	26.30	22.60	0.182	33.01	-10.41	
		64-QAM	2593.0	-3.70	1 / 104	24.46	20.76	0.119	33.01	-12.25
		256-QAM	2593.0	-3.70	1 / 104	22.63	18.93	0.078	33.01	-14.08
	50 MHz	11/2 BPSK	2621.0	-3.70	1 / 131	26.71	23.01	0.200	33.01	-10.00
2593.0			-3.70	1 / 64	27.19	23.49	0.223	33.01	-9.52	
2665.0			-3.70	1 / 131	27.09	23.39	0.218	33.01	-9.62	
QPSK		2621.0	-3.70	1 / 131	26.78	23.08	0.203	33.01	-9.93	
		2593.0	-3.70	1 / 64	27.20	23.50	0.224	33.01	-9.51	
		2665.0	-3.70	1 / 131	27.15	23.45	0.221	33.01	-9.56	
60 MHz	11/2 BPSK	2665.0	-3.70	1 / 131	26.67	22.97	0.198	33.01	-10.04	
		2593.0	-3.70	1 / 131	24.60	20.90	0.123	33.01	-12.11	
		2665.0	-3.70	1 / 131	22.87	19.17	0.083	33.01	-13.84	
	QPSK	2526.0	-3.70	1 / 160	26.90	23.20	0.209	33.01	-9.81	
		2593.0	-3.70	1 / 81	27.16	23.46	0.222	33.01	-9.55	
		2660.0	-3.70	1 / 81	27.07	23.37	0.217	33.01	-9.64	
70 MHz	QPSK	2526.0	-3.70	1 / 160	26.84	23.14	0.206	33.01	-9.87	
		2593.0	-3.70	1 / 81	27.20	23.50	0.224	33.01	-9.51	
		2660.0	-3.70	1 / 160	27.13	23.43	0.220	33.01	-9.58	
	16-QAM	2593.0	-3.70	1 / 81	26.35	22.65	0.184	33.01	-10.36	
		64-QAM	2593.0	-3.70	1 / 81	24.73	21.03	0.127	33.01	-11.98
		256-QAM	2593.0	-3.70	1 / 160	22.96	19.26	0.084	33.01	-13.75
80 MHz	11/2 BPSK	2531.0	-3.70	1 / 90	27.06	23.36	0.217	33.01	-9.65	
		2593.0	-3.70	1 / 90	27.20	23.50	0.224	33.01	-9.51	
		2655.0	-3.70	1 / 187	27.08	23.38	0.218	33.01	-9.63	
	QPSK	2531.0	-3.70	1 / 90	27.12	23.42	0.220	33.01	-9.59	
		2593.0	-3.70	1 / 90	27.13	23.43	0.220	33.01	-9.58	
		2655.0	-3.70	1 / 90	27.14	23.44	0.221	33.01	-9.57	
	16-QAM	2531.0	-3.70	1 / 187	26.43	22.73	0.188	33.01	-10.28	
		64-QAM	2593.0	-3.70	1 / 90	24.72	21.02	0.126	33.01	-11.99
		256-QAM	2531.0	-3.70	1 / 187	22.79	19.09	0.081	33.01	-13.92
	90 MHz	11/2 BPSK	2536.0	-3.70	1 / 108	27.16	23.46	0.222	33.01	-9.56
2593.0			-3.70	1 / 108	27.14	23.44	0.221	33.01	-9.57	
2650.0			-3.70	1 / 108	27.01	23.31	0.214	33.01	-9.71	
QPSK		2536.0	-3.70	1 / 215	27.04	23.34	0.216	33.01	-9.68	
		2593.0	-3.70	1 / 108	27.14	23.44	0.221	33.01	-9.57	
		2650.0	-3.70	1 / 215	27.05	23.35	0.216	33.01	-9.66	
100 MHz	16-QAM	2593.0	-3.70	1 / 108	26.53	22.83	0.192	33.01	-10.18	
		64-QAM	2593.0	-3.70	1 / 108	24.60	20.90	0.123	33.01	-12.11
		256-QAM	2593.0	-3.70	1 / 215	22.73	19.03	0.080	33.01	-13.98
	11/2 BPSK	2540.0	-3.70	1 / 120	27.06	23.36	0.217	33.01	-9.65	
		2593.0	-3.70	1 / 120	26.97	23.27	0.213	33.01	-9.74	
		2645.0	-3.70	1 / 243	27.20	23.50	0.224	33.01	-9.51	
	QPSK	2541.0	-3.70	1 / 120	27.14	23.44	0.221	33.01	-9.57	
		2593.0	-3.70	1 / 243	27.18	23.48	0.223	33.01	-9.53	
		2645.0	-3.70	1 / 243	27.12	23.42	0.220	33.01	-9.59	
	100 MHz	16-QAM	2645.0	-3.70	1 / 120	26.64	22.94	0.197	33.01	-10.07
64-QAM			2645.0	-3.70	1 / 243	24.61	20.91	0.123	33.01	-12.10
256-QAM			2541.0	-3.70	1 / 120	23.01	19.31	0.085	33.01	-13.70
11/2 BPSK		2546.0	-3.70	1 / 271	27.20	23.50	0.224	33.01	-9.51	
		2593.0	-3.70	1 / 135	27.16	23.46	0.222	33.01	-9.56	
		2640.0	-3.70	1 / 135	27.14	23.44	0.221	33.01	-9.57	
100 MHz	QPSK	2546.0	-3.70	1 / 135	27.17	23.47	0.222	33.01	-9.54	
		2593.0	-3.70	1 / 271	27.15	23.45	0.221	33.01	-9.56	
		2640.0	-3.70	1 / 271	27.08	23.38	0.218	33.01	-9.63	
	256-QAM	2546.0	-3.70	1 / 271	26.43	22.73	0.188	33.01	-10.28	

Table 7-42. Antenna 1b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 372 of 427

V2.2 09/07/2023

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-3.70	1 / 12	25.49	21.79	0.151	33.01	-11.22
		2593.0	-3.70	1 / 12	25.70	22.00	0.158	33.01	-11.01
		2685.0	-3.70	1 / 12	25.47	21.77	0.150	33.01	-11.24
		2501.0	-3.70	1 / 12	25.45	21.75	0.150	33.01	-11.26
		2593.0	-3.70	1 / 12	25.66	21.96	0.157	33.01	-11.05
		2685.0	-3.70	1 / 12	25.33	21.63	0.146	33.01	-11.38
	QPSK	2593.0	-3.70	1 / 12	24.63	20.93	0.124	33.01	-12.08
		2593.0	-3.70	1 / 12	23.03	19.33	0.086	33.01	-13.68
		2593.0	-3.70	1 / 12	21.23	17.63	0.058	33.01	-15.38
		2503.5	-3.70	1 / 36	25.37	21.67	0.147	33.01	-11.34
		2593.0	-3.70	1 / 36	25.68	21.98	0.158	33.01	-11.03
		2682.5	-3.70	1 / 36	25.35	21.65	0.146	33.01	-11.36
15 MHz	11/2 BPSK	2503.5	-3.70	1 / 36	25.40	21.70	0.148	33.01	-11.31
		2593.0	-3.70	1 / 36	25.70	22.00	0.158	33.01	-11.01
		2682.5	-3.70	1 / 36	25.25	21.55	0.143	33.01	-11.46
	QPSK	2593.0	-3.70	1 / 18	24.88	21.18	0.131	33.01	-11.83
		2593.0	-3.70	1 / 18	23.00	19.30	0.085	33.01	-13.71
		2593.0	-3.70	1 / 36	21.05	17.35	0.054	33.01	-15.66
20 MHz	11/2 BPSK	2506.0	-3.70	1 / 49	25.44	21.74	0.149	33.01	-11.27
		2593.0	-3.70	1 / 49	25.64	21.94	0.156	33.01	-11.07
		2680.0	-3.70	1 / 49	25.30	21.60	0.145	33.01	-11.41
	QPSK	2506.0	-3.70	1 / 49	25.43	21.73	0.149	33.01	-11.28
		2593.0	-3.70	1 / 25	25.70	22.00	0.158	33.01	-11.01
		2680.0	-3.70	1 / 49	25.31	21.61	0.145	33.01	-11.40
30 MHz	11/2 BPSK	2593.0	-3.70	1 / 49	24.80	21.10	0.129	33.01	-11.91
		2593.0	-3.70	1 / 49	23.07	19.37	0.087	33.01	-13.64
		2593.0	-3.70	1 / 49	21.32	17.62	0.058	33.01	-15.39
	QPSK	2511.0	-3.70	1 / 76	25.56	21.86	0.154	33.01	-11.15
		2593.0	-3.70	1 / 76	25.70	22.00	0.158	33.01	-11.01
		2675.0	-3.70	1 / 76	25.36	21.66	0.147	33.01	-11.35
40 MHz	11/2 BPSK	2511.0	-3.70	1 / 76	25.54	21.84	0.153	33.01	-11.17
		2593.0	-3.70	1 / 76	25.66	21.96	0.157	33.01	-11.05
		2675.0	-3.70	1 / 76	25.36	21.66	0.147	33.01	-11.35
	QPSK	2593.0	-3.70	1 / 76	24.88	21.18	0.131	33.01	-11.83
		2593.0	-3.70	1 / 36	22.99	19.29	0.085	33.01	-13.72
		2511.0	-3.70	1 / 76	21.22	17.52	0.057	33.01	-15.49
50 MHz	11/2 BPSK	2516.0	-3.70	1 / 104	25.61	21.91	0.155	33.01	-11.10
		2593.0	-3.70	1 / 104	25.55	21.85	0.153	33.01	-11.16
		2670.0	-3.70	1 / 104	25.42	21.72	0.149	33.01	-11.29
	QPSK	2516.0	-3.70	1 / 104	25.56	21.86	0.153	33.01	-11.15
		2593.0	-3.70	1 / 50	25.56	21.86	0.153	33.01	-11.15
		2670.0	-3.70	1 / 104	25.41	21.71	0.148	33.01	-11.30
60 MHz	11/2 BPSK	2593.0	-3.70	1 / 104	24.81	21.11	0.129	33.01	-11.90
		2593.0	-3.70	1 / 104	23.06	19.36	0.086	33.01	-13.65
		2593.0	-3.70	1 / 90	23.25	17.55	0.057	33.01	-15.45
	QPSK	2521.0	-3.70	1 / 131	25.57	21.87	0.154	33.01	-11.14
		2593.0	-3.70	1 / 64	25.66	21.96	0.157	33.01	-11.05
		2665.0	-3.70	1 / 131	25.32	21.62	0.145	33.01	-11.39
70 MHz	11/2 BPSK	2521.0	-3.70	1 / 131	25.53	21.83	0.153	33.01	-11.18
		2593.0	-3.70	1 / 64	25.70	22.00	0.158	33.01	-11.01
		2665.0	-3.70	1 / 131	25.40	21.70	0.148	33.01	-11.31
	QPSK	2593.0	-3.70	1 / 64	24.68	20.98	0.125	33.01	-12.03
		2593.0	-3.70	1 / 64	23.20	19.50	0.089	33.01	-13.51
		2593.0	-3.70	1 / 131	21.13	17.43	0.055	33.01	-15.58
80 MHz	11/2 BPSK	2526.0	-3.70	1 / 160	25.49	21.79	0.151	33.01	-11.22
		2593.0	-3.70	1 / 81	25.70	22.00	0.158	33.01	-11.01
		2660.0	-3.70	1 / 81	25.31	21.61	0.145	33.01	-11.41
	QPSK	2526.0	-3.70	1 / 160	25.51	21.81	0.152	33.01	-11.20
		2593.0	-3.70	1 / 81	25.68	21.98	0.158	33.01	-11.03
		2660.0	-3.70	1 / 81	25.45	21.75	0.149	33.01	-11.26
90 MHz	11/2 BPSK	2593.0	-3.70	1 / 160	24.78	21.08	0.128	33.01	-11.93
		2593.0	-3.70	1 / 81	23.05	19.35	0.086	33.01	-13.66
		2593.0	-3.70	1 / 81	21.40	17.70	0.059	33.01	-15.31
	QPSK	2531.0	-3.70	1 / 187	25.59	21.89	0.154	33.01	-11.12
		2593.0	-3.70	1 / 90	25.70	22.00	0.158	33.01	-11.01
		2655.0	-3.70	1 / 90	25.41	21.71	0.148	33.01	-11.30
100 MHz	11/2 BPSK	2531.0	-3.70	1 / 187	25.67	21.97	0.157	33.01	-11.04
		2593.0	-3.70	1 / 90	25.68	21.98	0.158	33.01	-11.03
		2655.0	-3.70	1 / 187	25.23	21.53	0.142	33.01	-11.48
	QPSK	2593.0	-3.70	1 / 90	24.98	21.28	0.134	33.01	-11.73
		2531.0	-3.70	1 / 90	22.81	19.11	0.081	33.01	-13.90
		2593.0	-3.70	1 / 90	21.02	17.32	0.054	33.01	-15.69
110 MHz	11/2 BPSK	2536.0	-3.70	1 / 215	25.69	21.99	0.158	33.01	-11.02
		2593.0	-3.70	1 / 108	25.70	22.00	0.158	33.01	-11.01
		2650.0	-3.70	1 / 108	25.33	21.63	0.146	33.01	-11.38
	QPSK	2536.0	-3.70	1 / 215	25.39	21.69	0.148	33.01	-11.32
		2593.0	-3.70	1 / 108	25.46	21.76	0.150	33.01	-11.25
		2650.0	-3.70	1 / 108	25.16	21.46	0.140	33.01	-11.55
120 MHz	11/2 BPSK	2536.0	-3.70	1 / 108	24.67	20.97	0.125	33.01	-12.04
		2593.0	-3.70	1 / 108	22.73	19.03	0.080	33.01	-13.98
		2593.0	-3.70	1 / 108	21.09	17.39	0.055	33.01	-15.62
	QPSK	2541.0	-3.70	1 / 243	25.54	21.84	0.153	33.01	-11.17
		2593.0	-3.70	1 / 120	25.50	21.80	0.151	33.01	-11.21
		2645.0	-3.70	1 / 120	25.31	21.61	0.145	33.01	-11.40
130 MHz	11/2 BPSK	2541.0	-3.70	1 / 243	25.70	22.00	0.158	33.01	-11.01
		2593.0	-3.70	1 / 120	25.54	21.84	0.153	33.01	-11.17
		2645.0	-3.70	1 / 120	25.39	21.69	0.147	33.01	-11.33
	QPSK	2593.0	-3.70	1 / 120	24.71	21.01	0.126	33.01	-12.00
		2541.0	-3.70	1 / 243	23.01	19.31	0.085	33.01	-13.70
		2541.0	-3.70	1 / 243	21.23	17.53	0.057	33.01	-15.49
140 MHz	11/2 BPSK	2546.0	-3.70	1 / 271	25.59	21.89	0.155	33.01	-11.12
		2593.0	-3.70	1 / 135	25.50	21.80	0.151	33.01	-11.21
		2640.0	-3.70	1 / 271	25.29	21.59	0.144	33.01	-11.42
	QPSK	2546.0	-3.70	1 / 271	25.43	21.73	0.149	33.01	-11.28
		2593.0	-3.70	1 / 135	25.45	21.75	0.149	33.01	-11.26
		2640.0	-3.70	1 / 271	25.22	21.52	0.142	33.01	-11.49
150 MHz	11/2 BPSK	2546.0	-3.70	1 / 271	24.95	21.25	0.133	33.01	-11.76
		2546.0	-3.70	1 / 271	22.88	19.18	0.083	33.01	-13.83
		2546.0	-3.70	1 / 271	20.82	17.12	0.051	33.01	-15.89
	QPSK	2546.0	-3.70	1 / 271	20.82	17.12	0.051	33.01	-15.89
		2546.0	-3.70	1 / 271	20.82	17.12	0.051	33.01	-15.89
		2546.0	-3.70	1 / 271	20.82	17.12	0.051	33.01	-15.89

Table 7-43. Antenna 1b EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 373 of 427

V2.0 09/07/2023

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ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	22.85	-2.80	20.05	0.101	33.01	-12.96
				21100	2535.0	1	99		21298	2554.8	1	0	22.96	-2.80	20.16	0.104	33.01	-12.85
				21350	2560.0	1	0		21152	2540.2	1	99	23.05	-2.80	20.25	0.106	33.01	-12.76
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	21.89	-2.80	19.09	0.081	33.01	-13.92
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	20.75	-2.80	17.95	0.062	33.01	-15.06
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	19.69	-2.80	16.89	0.049	33.01	-16.12
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	17.78	-2.80	14.98	0.031	33.01	-18.03

Table 7-44. Antenna 1b EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.75	-3.70	23.05	0.202	33.01	-9.96
				39790	2510.0	1	99		39988	2529.8	1	0	26.78	-3.70	23.08	0.203	33.01	-9.93
				40620	2593.0	1	99		40818	2612.8	1	0	26.82	-3.70	23.12	0.205	33.01	-9.89
				41490	2680.0	1	0		41292	2660.2	1	99	26.91	-3.70	23.21	0.209	33.01	-9.80
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	25.12	-3.70	21.42	0.139	33.01	-11.59
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	24.23	-3.70	20.53	0.113	33.01	-12.48
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	24.08	-3.70	20.38	0.109	33.01	-12.63
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	22.12	-3.70	18.42	0.070	33.01	-14.59

Table 7-45. Antenna 1b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.32	-3.70	21.62	0.145	33.01	-11.39
				39790	2510.0	1	99		39988	2529.8	1	0	25.36	-3.70	21.66	0.147	33.01	-11.35
				40620	2593.0	1	99		40818	2612.8	1	0	25.43	-3.70	21.73	0.149	33.01	-11.28
				41490	2680.0	1	0		41292	2660.2	1	99	25.45	-3.70	21.75	0.150	33.01	-11.26
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	22.56	-3.70	18.86	0.077	33.01	-14.15
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	21.53	-3.70	17.83	0.061	33.01	-15.18
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	21.49	-3.70	17.79	0.060	33.01	-15.22
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.45	-3.70	17.75	0.060	33.01	-15.26

Table 7-46. Antenna 1b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device		Page 374 of 427

7.7 Radiated Spurious Emissions

§2.1053, 27.53(a), 27.53(m)

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 broadband hybrid antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed 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: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 375 of 427

V2.2 09/07/2023

Test Setup

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

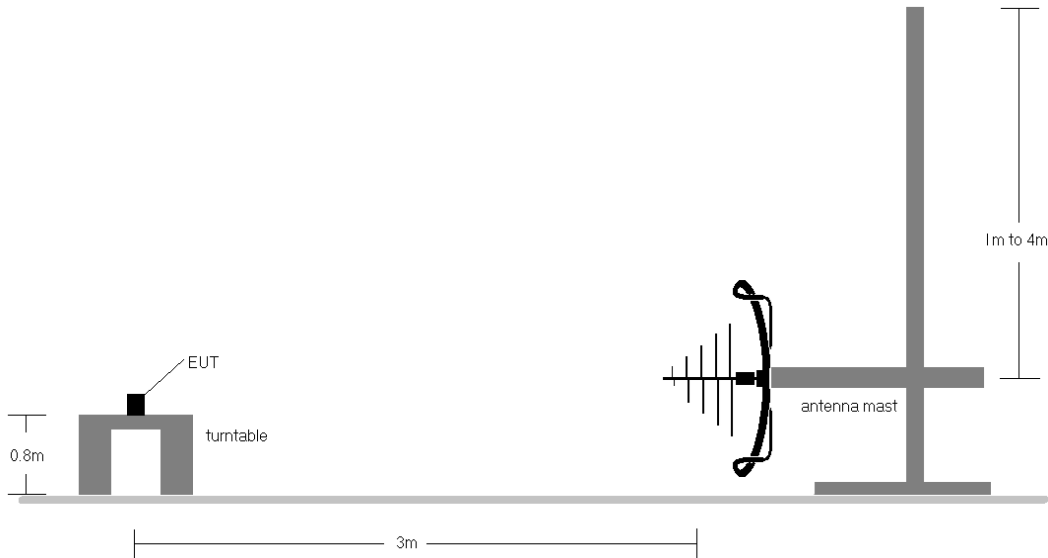


Figure 7-10. Test Instrument & Measurement Setup < 1GHz

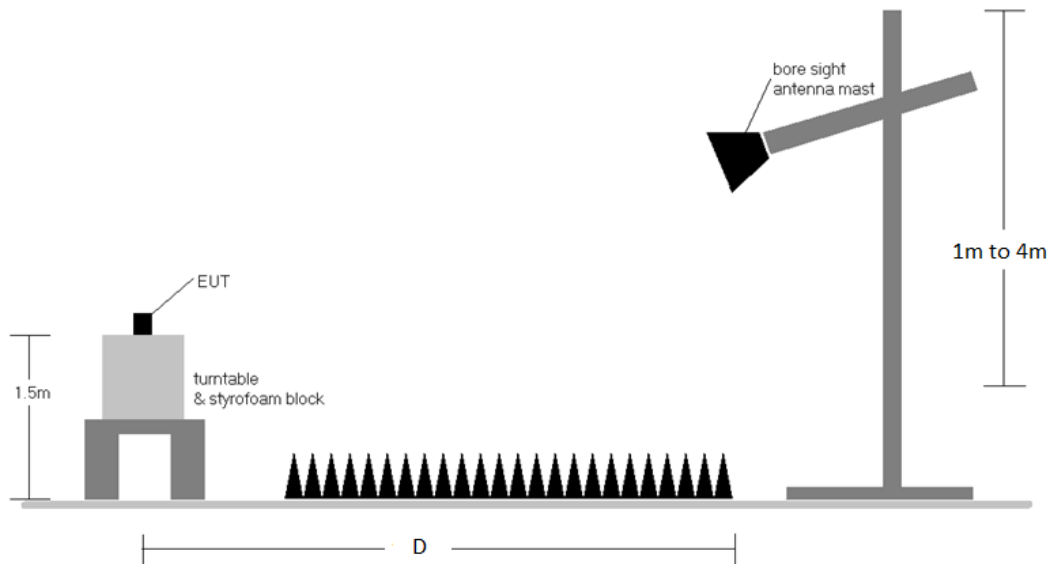


Figure 7-11. Test Instrument & Measurement Setup >1 GHz

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 376 of 427

V2.2 09/07/2023

Test Notes

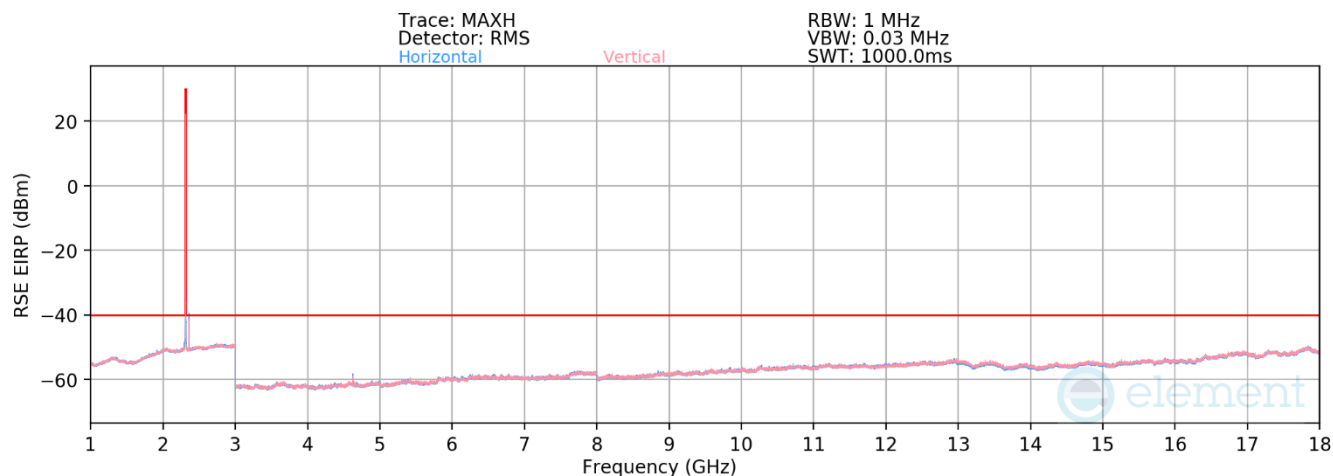
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. 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.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
6. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
7. Uplink carrier aggregation intra-band radiated spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. The worst case (highest) emissions were found while operating with QPSK modulation with both carriers set to transmit using 1RB.
8. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
9. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
10. Uplink carrier aggregation inter-band emission was investigated and found to not be the worst case.
11. 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.
12. 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.
13. For LTE Band 30 pre-scans above 1GHz, the RBW is set to 1MHz and VBW to 30kHz. For final measurements above 1GHz, the RBW is set to 1MHz and VBW to 3MHz when measuring with an RMS detector and trace averaging.
14. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 377 of 427

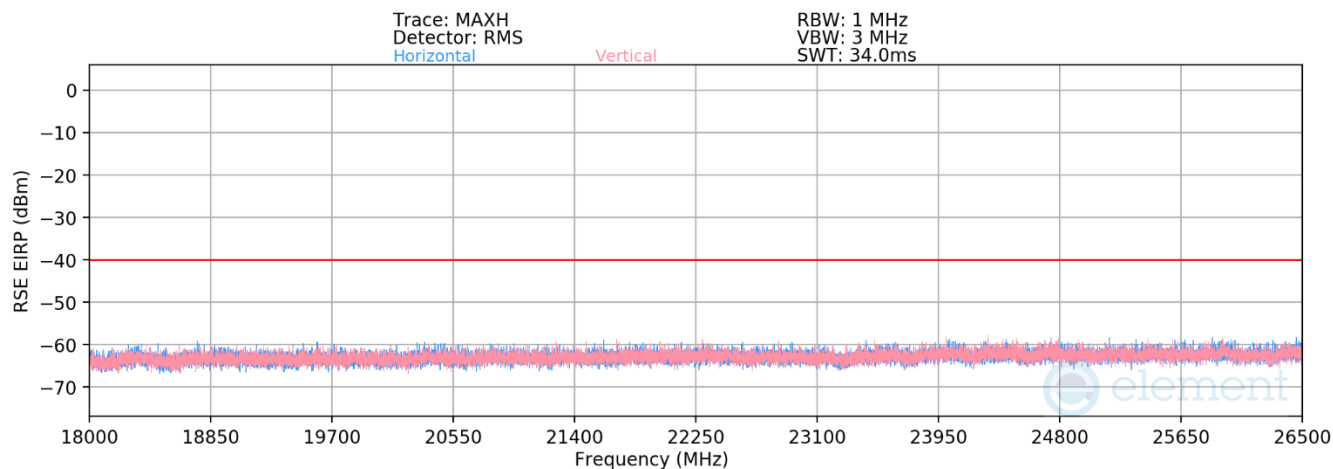
V2.2 09/07/2023

7.7.1 Antenna 4 Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-614. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-615. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 30)

FCC ID: BCGA3267		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 378 of 427

V2.2 09/07/2023

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	276	168	-76.21	4.81	35.60	-59.65	-40.00	-19.65
6922.5	H	-	-	-81.30	9.47	35.16	-60.09	-40.00	-20.09
9230.0	H	-	-	-81.53	10.60	36.07	-59.19	-40.00	-19.19
11537.5	H	-	-	-81.86	13.26	38.40	-56.86	-40.00	-16.86

Table 7-47. Radiated Spurious Data (LTE Band 30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	339	267	-74.62	4.81	37.19	-58.06	-40.00	-18.06
6930.0	H	-	-	-81.15	9.41	35.26	-60.00	-40.00	-20.00
9240.0	H	-	-	-81.43	10.60	36.17	-59.09	-40.00	-19.09
11550.0	H	-	-	-81.98	13.14	38.16	-57.10	-40.00	-17.10

Table 7-48. Radiated Spurious Data (LTE Band 30 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	380	273	-74.33	4.87	37.53	-57.73	-40.00	-17.73
6937.50	H	-	-	-81.39	9.41	35.02	-60.24	-40.00	-20.24
9250.00	H	-	-	-81.74	10.63	35.89	-59.37	-40.00	-19.37
11562.50	H	-	-	-82.12	13.30	38.18	-57.07	-40.00	-17.07

Table 7-49. Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 379 of 427

V2.2 09/07/2023

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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-78.73	4.80	33.06	-62.20	-25.00	-37.20
7530.0	V	-	-	-81.24	9.04	34.80	-60.46	-25.00	-35.46
10040.0	V	-	-	-81.45	11.76	37.31	-57.95	-25.00	-32.95

Table 7-50. Radiated Spurious Data (LTE Band 7 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.91	5.43	34.52	-60.74	-25.00	-35.74
7605.0	H	-	-	-81.01	9.30	35.29	-59.97	-25.00	-34.97
10140.0	H	-	-	-81.64	11.79	37.15	-58.10	-25.00	-33.10

Table 7-51. Radiated Spurious Data (LTE Band 7 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-78.23	5.34	34.12	-61.14	-25.00	-36.14
7680.00	V	-	-	-80.85	9.77	35.91	-59.35	-25.00	-34.35
10240.00	H	-	-	-81.10	11.88	37.78	-57.47	-25.00	-32.47

Table 7-52. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 380 of 427

V2.2 09/07/2023

LTE Band 41

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-78.48	4.85	33.37	-61.89	-25.00	-36.89
7518.0	H	-	-	-80.64	9.04	35.40	-59.86	-25.00	-34.86
10024.0	H	-	-	-80.84	11.76	37.92	-57.34	-25.00	-32.34

Table 7-53. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.90	5.09	35.19	-60.07	-25.00	-35.07
7779.0	H	-	-	-80.12	9.59	36.48	-58.78	-25.00	-33.78
10372.0	H	-	-	-80.57	11.63	38.06	-57.20	-25.00	-32.20

Table 7-54. Radiated Spurious Data (LTE Band 41 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-79.42	6.64	34.21	-61.05	-25.00	-36.05
8040.0	H	-	-	-80.99	9.25	35.26	-60.00	-25.00	-35.00
10720.0	H	-	-	-80.84	12.13	38.29	-56.97	-25.00	-31.97

Table 7-55. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 381 of 427

V2.2 09/07/2023

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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-79.93	7.83	34.90	-60.36	-40.00	-20.36
6922.5	V	-	-	-81.39	11.30	36.92	-58.34	-40.00	-18.34
9230.0	V	-	-	-81.90	12.42	37.53	-57.73	-40.00	-17.73

Table 7-56. Radiated Spurious Data (NR Band n30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-80.06	7.81	34.75	-60.51	-40.00	-20.51
6930.0	H	-	-	-81.44	11.27	36.84	-58.42	-40.00	-18.42
9240.0	V	-	-	-82.08	12.55	37.47	-57.79	-40.00	-17.79

Table 7-57. Radiated Spurious Data (NR Band n30 – Mid Channel)

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

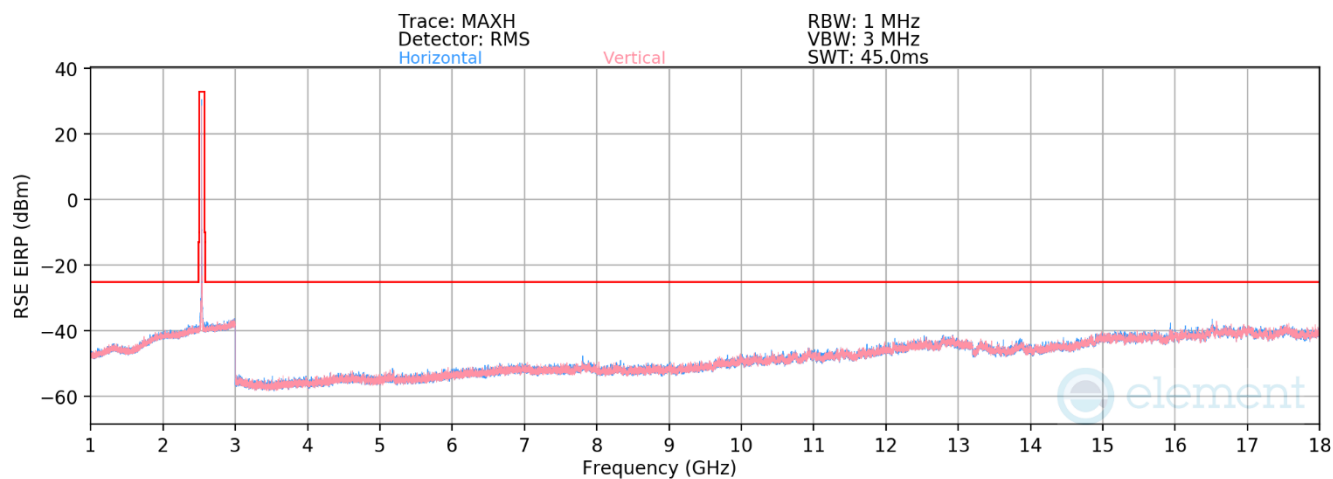
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	V	-	-	-80.08	7.81	34.73	-60.53	-40.00	-20.53
6937.5	H	-	-	-81.36	11.27	36.92	-58.34	-40.00	-18.34
9250.0	V	-	-	-81.99	12.55	37.56	-57.70	-40.00	-17.70

Table 7-58. Radiated Spurious Data (NR Band n30 – High Channel)

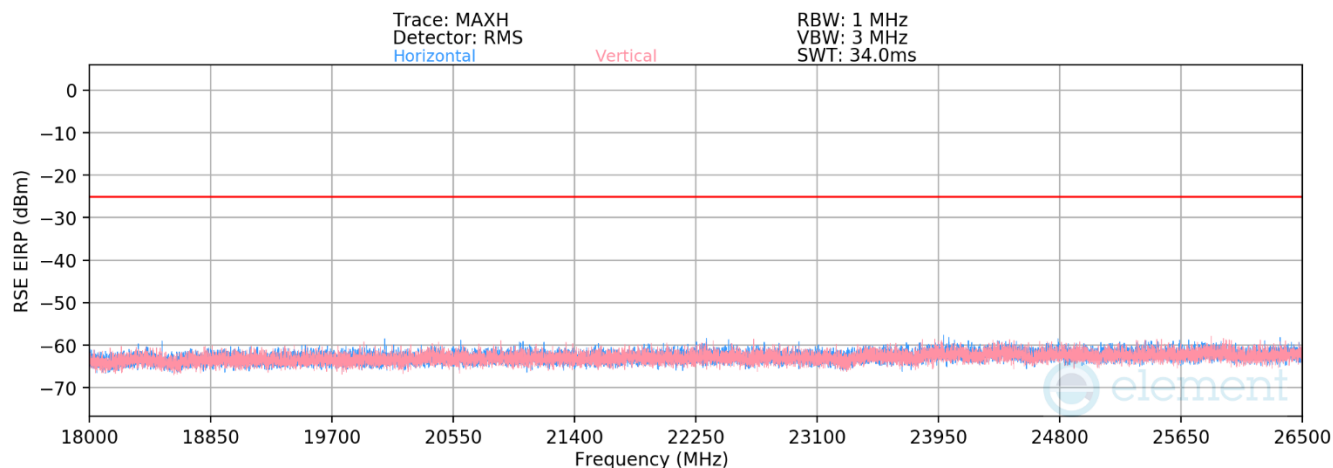
FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 382 of 427

V2.2 09/07/2023

NR Band n7



Plot 7-616. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-617. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 383 of 427

V2.2 09/07/2023

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Bandwidth (MHz):	40
Frequency (MHz):	2520.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	V	-	-	-80.53	7.56	34.03	-61.23	-25.00	-36.23
7560.0	V	-	-	-81.35	11.53	37.19	-58.07	-25.00	-33.07
10080.0	V	-	-	-82.54	15.17	39.63	-55.63	-25.00	-30.63

Table 7-59. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	2535.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-79.99	7.64	34.65	-60.61	-25.00	-35.61
7605.0	H	-	-	-81.72	11.73	37.00	-58.25	-25.00	-33.25
10140.0	V	-	-	-82.87	15.49	39.62	-55.64	-25.00	-30.64

Table 7-60. Radiated Spurious Data (NR Band n7 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	V	-	-	-79.99	7.64	34.65	-60.61	-25.00	-35.61
7650.0	H	-	-	-81.72	11.73	37.00	-58.25	-25.00	-33.25
10200.0	V	-	-	-82.87	15.49	39.62	-55.64	-25.00	-30.64

Table 7-61. Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 384 of 427

V2.2 09/07/2023

NR Band n41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	V	245	192	-77.74	7.74	37.00	-58.26	-25.00	-33.26
7638.0	V	-	-	-80.89	11.33	37.43	-57.82	-25.00	-32.82
10184.0	V	-	-	-82.50	16.58	41.09	-54.17	-25.00	-29.17
12730.0	V	-	-	-82.86	19.50	43.64	-51.62	-25.00	-26.62

Table 7-62. Radiated Spurious Data (NR Band n41 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	235	196	-77.72	8.10	37.38	-57.87	-25.00	-32.87
7779.0	V	-	-	-80.64	12.07	38.43	-56.82	-25.00	-31.82
10372.0	V	-	-	-82.10	15.58	40.48	-54.78	-25.00	-29.78
12965.0	H	-	-	-82.72	20.05	44.33	-50.93	-25.00	-25.93

Table 7-63. Radiated Spurious Data (NR Band n41 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-79.12	8.30	36.18	-59.08	-25.00	-34.08
7920.0	H	-	-	-80.61	11.87	38.27	-56.99	-25.00	-31.99
10560.0	H	-	-	-82.46	16.66	41.19	-54.07	-25.00	-29.07

Table 7-64. Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 385 of 427

V2.2 09/07/2023

ULCA - LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-79.30	6.45	34.15	-61.10	-25.00	-36.10
7530.0	H	-	-	-79.88	9.59	36.71	-58.55	-25.00	-33.55
10040.0	H	-	-	-81.42	12.20	37.79	-57.47	-25.00	-32.47

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-79.01	6.61	34.60	-60.66	-25.00	-35.66
7605.0	H	-	-	-80.57	10.29	36.73	-58.53	-25.00	-33.53
10140.0	H	-	-	-81.07	12.27	38.20	-57.05	-25.00	-32.05

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-79.07	6.38	34.31	-60.95	-25.00	-35.95
7680.0	H	-	-	-80.49	10.29	36.80	-58.46	-25.00	-33.46
10240.0	H	-	-	-80.77	12.27	38.50	-56.76	-25.00	-31.76

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT						Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device					Page 386 of 427

V2.2 09/07/2023

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ULCA - LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-78.86	6.50	34.64	-60.62	-25.00	-35.62
7518.0	H	-	-	-79.90	9.82	36.92	-58.33	-25.00	-33.33
10024.0	H	-	-	-80.46	12.23	38.78	-56.48	-25.00	-31.48

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-78.05	5.97	34.92	-60.34	-25.00	-35.34
7779.0	V	-	-	-79.53	9.77	37.24	-58.02	-25.00	-33.02
10372.0	H	-	-	-79.62	12.38	39.77	-55.49	-25.00	-30.49

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-78.60	6.34	34.74	-60.51	-25.00	-35.51
8040.0	V	-	-	-79.64	9.68	37.04	-58.22	-25.00	-33.22
10720.0	H	-	-	-80.52	13.20	39.67	-55.59	-25.00	-30.59

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT						Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device					Page 387 of 427

V2.2 09/07/2023

7.7.2 Antenna 2b Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-78.58	4.81	33.23	-62.03	-40.00	-22.03
6922.5	H	-	-	-81.34	9.41	35.07	-60.19	-40.00	-20.19
9230.0	H	-	-	-81.64	10.60	35.95	-59.30	-40.00	-19.30

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.81	4.81	33.01	-62.25	-40.00	-22.25
6930.0	H	-	-	-81.35	9.41	35.06	-60.20	-40.00	-20.20
9240.0	H	-	-	-81.51	10.63	36.12	-59.14	-40.00	-19.14

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-78.81	4.87	33.06	-62.20	-40.00	-22.20
6937.50	H	-	-	-81.90	9.85	34.95	-60.31	-40.00	-20.31
9250.00	H	-	-	-81.68	10.63	35.95	-59.31	-40.00	-19.31

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 388 of 427

V2.2 09/07/2023

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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-79.20	4.99	32.79	-62.47	-25.00	-37.47
7530.0	V	-	-	-81.21	9.05	34.84	-60.42	-25.00	-35.42
10040.0	V	-	-	-81.50	11.76	37.26	-58.00	-25.00	-33.00

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-79.22	5.22	33.00	-62.25	-25.00	-37.25
7605.0	V	-	-	-81.06	9.30	35.24	-60.02	-25.00	-35.02
10140.0	V	-	-	-81.49	11.79	37.31	-57.95	-25.00	-32.95

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-79.35	5.34	33.00	-62.26	-25.00	-37.26
7680.00	V	-	-	-81.06	9.77	35.71	-59.55	-25.00	-34.55
10240.00	H	-	-	-81.10	11.88	37.78	-57.47	-25.00	-32.47

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 389 of 427

V2.2 09/07/2023

LTE Band 41

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-78.54	4.82	33.28	-61.98	-25.00	-36.98
7518.0	H	-	-	-80.58	9.05	35.47	-59.79	-25.00	-34.79
10024.0	H	-	-	-80.73	11.76	38.03	-57.23	-25.00	-32.23

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

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-78.75	5.16	33.41	-61.85	-25.00	-36.85
7779.0	H	-	-	-80.38	9.54	36.16	-59.09	-25.00	-34.09
10372.0	H	-	-	-80.06	11.53	38.46	-56.79	-25.00	-31.79

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-79.63	6.64	34.01	-61.25	-25.00	-36.25
8040.0	H	-	-	-80.71	9.30	35.59	-59.67	-25.00	-34.67
10720.0	H	-	-	-80.67	11.99	38.32	-56.94	-25.00	-31.94

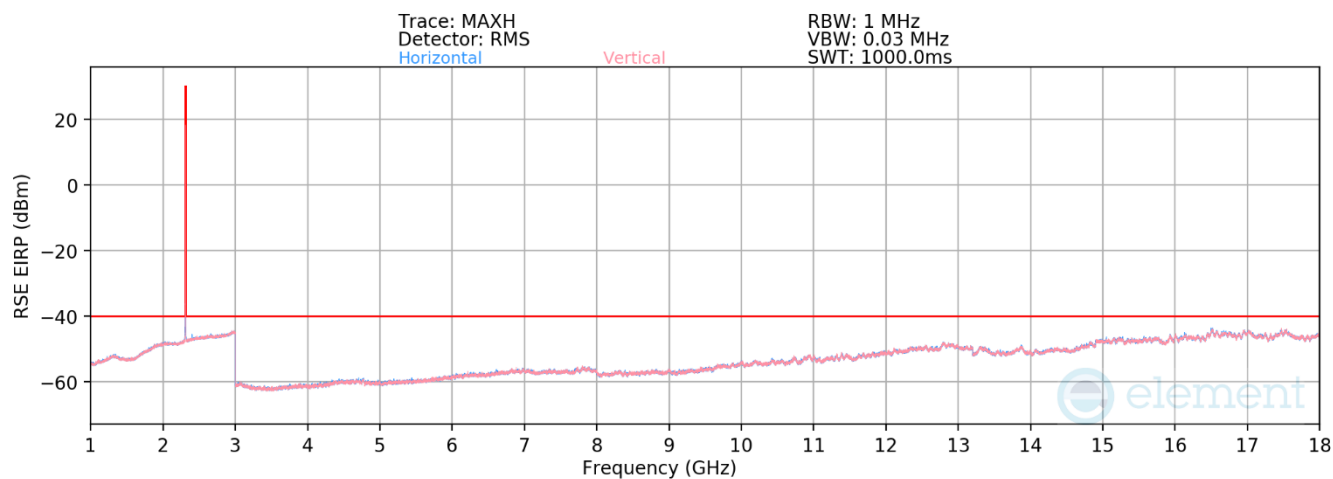
Table 7-79. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 390 of 427

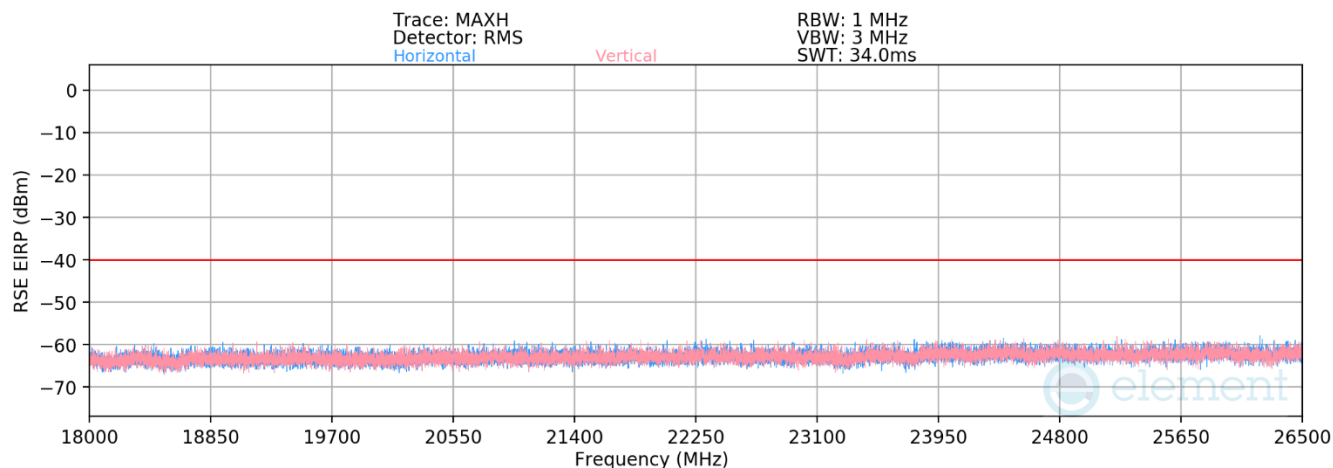
V2.2 09/07/2023

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NR Band n30



Plot 7-618. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-619. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 391 of 427

V2.2 09/07/2023

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-79.83	7.83	35.00	-60.26	-40.00	-20.26
6922.5	H	-	-	-81.28	11.30	37.02	-58.24	-40.00	-18.24
9230.0	V	-	-	-81.87	12.52	37.66	-57.60	-40.00	-17.60

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-79.90	7.83	34.94	-60.32	-40.00	-20.32
6930.0	V	-	-	-81.34	11.27	36.94	-58.32	-40.00	-18.32
9240.0	H	-	-	-81.84	12.42	37.58	-57.67	-40.00	-17.67

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	V	-	-	-80.03	7.83	34.80	-60.46	-40.00	-20.46
6937.5	H	-	-	-81.32	11.27	36.96	-58.30	-40.00	-18.30
9250.0	V	-	-	-81.56	12.52	37.97	-57.29	-40.00	-17.29

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 392 of 427

V2.2 09/07/2023

NR Band n7

Bandwidth (MHz):	40
Frequency (MHz):	2520.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-80.46	7.56	34.09	-61.16	-25.00	-36.16
7560.0	V	-	-	-81.21	11.43	37.23	-58.03	-25.00	-33.03
10080.0	H	-	-	-82.62	15.17	39.55	-55.70	-25.00	-30.70

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

Bandwidth (MHz):	40
Frequency (MHz):	2535.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-80.21	7.74	34.53	-60.72	-25.00	-35.72
7605.0	V	-	-	-81.50	11.73	37.23	-58.03	-25.00	-33.03
10140.0	H	-	-	-82.55	15.49	39.94	-55.32	-25.00	-30.32

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	V	-	-	-80.64	7.92	34.28	-60.98	-25.00	-35.98
7650.0	H	-	-	-81.12	11.23	37.11	-58.15	-25.00	-33.15
10200.0	H	-	-	-82.81	16.58	40.77	-54.49	-25.00	-29.49

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 393 of 427

V2.2 09/07/2023

NR Band n41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	V	-	-	-79.84	7.64	34.80	-60.46	-25.00	-35.46
7638.0	V	238	12	-76.62	11.24	41.62	-53.64	-25.00	-28.64
10184.0	V	-	-	-82.65	16.58	40.93	-54.33	-25.00	-29.33
12730.0	H	-	-	-83.29	19.57	43.28	-51.98	-25.00	-26.98
15276.0	H	-	-	-82.82	23.16	47.34	-47.92	-25.00	-22.92

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-80.24	8.10	34.86	-60.40	-25.00	-35.40
7779.0	V	-	-	-79.53	11.27	38.73	-56.52	-25.00	-31.52
10372.0	V	-	-	-82.31	15.72	40.41	-54.84	-25.00	-29.84

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

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

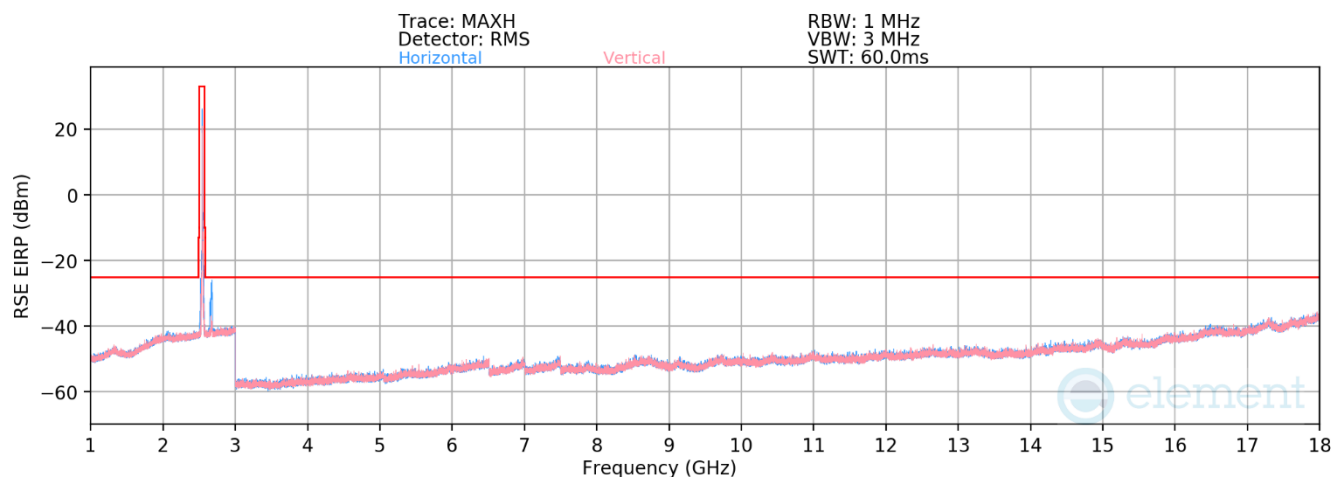
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-79.50	8.30	35.80	-59.45	-25.00	-34.45
7920.0	V	235	254	-77.21	11.48	41.27	-53.99	-25.00	-28.99
10560.0	V	-	-	-82.72	16.66	40.94	-54.32	-25.00	-29.32
13200.0	H	-	-	-83.15	19.75	43.60	-51.66	-25.00	-26.66
15840.0	H	-	-	-83.87	23.67	46.80	-48.45	-25.00	-23.45

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

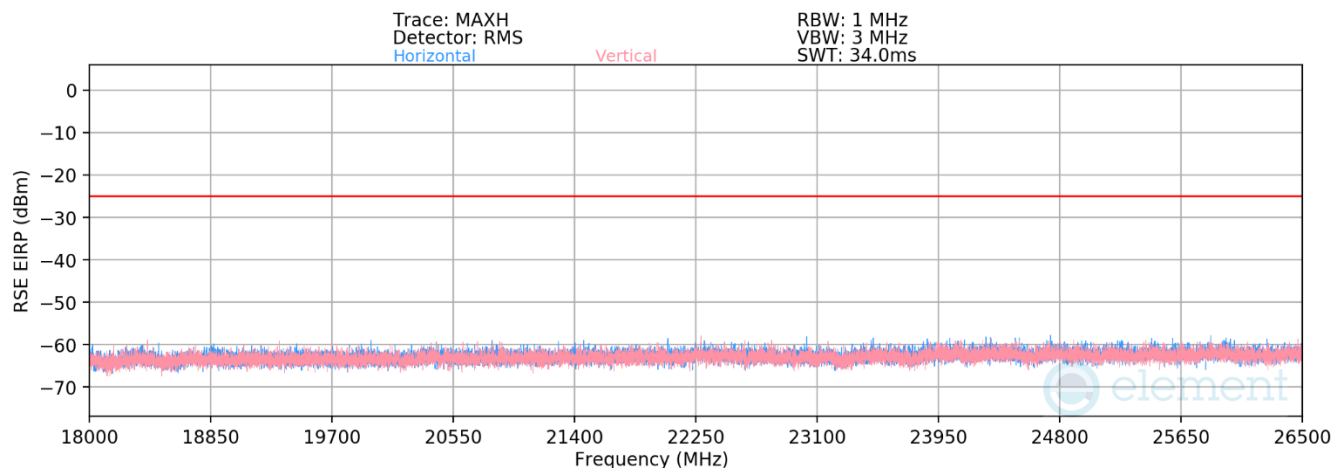
FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 394 of 427

V2.2 09/07/2023

ULCA - LTE Band 7



Plot 7-620. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-621. Antenna 2b Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 395 of 427

V2.2 09/07/2023

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-79.59	6.58	34.00	-61.26	-25.00	-36.26
7530.0	V	-	-	-80.05	9.59	36.54	-58.72	-25.00	-33.72
10040.0	V	-	-	-81.32	12.20	37.89	-57.37	-25.00	-32.37

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-79.52	6.49	33.97	-61.29	-25.00	-36.29
7605.0	V	-	-	-80.20	9.66	36.46	-58.80	-25.00	-33.80
10140.0	V	-	-	-80.71	12.16	38.44	-56.82	-25.00	-31.82

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-79.42	6.49	34.06	-61.19	-25.00	-36.19
7680.0	V	-	-	-80.10	9.66	36.56	-58.70	-25.00	-33.70
10240.0	V	-	-	-80.73	12.08	38.35	-56.91	-25.00	-31.91

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 396 of 427

V2.2 09/07/2023

ULCA - LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-78.81	6.45	34.65	-60.61	-25.00	-35.61
7518.0	V	-	-	-79.43	9.59	37.16	-58.10	-25.00	-33.10
10024.0	V	-	-	-80.27	12.16	38.88	-56.37	-25.00	-31.37

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.27	3.74	33.47	-61.79	-25.00	-36.79
7779.0	V	246	263	-73.99	5.76	38.77	-56.48	-25.00	-31.48
10372.0	H	-	-	-79.24	8.10	35.85	-59.40	-25.00	-34.40
12965.0	V	-	-	-81.58	12.95	38.37	-56.89	-25.00	-31.89
15558.0	V	-	-	-82.88	16.30	40.42	-54.84	-25.00	-29.84

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.97	3.53	33.56	-61.70	-25.00	-36.70
8040.0	V	287	260	-73.22	5.52	39.30	-55.96	-25.00	-30.96
10720.0	H	-	-	-79.44	8.44	36.00	-59.26	-25.00	-34.26
13400.0	V	-	-	-81.35	12.92	38.57	-56.69	-25.00	-31.69
16080.0	V	-	-	-83.35	17.99	41.64	-53.62	-25.00	-28.62

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT						Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device				Page 397 of 427	

V2.2 09/07/2023

7.7.3 Antenna 3a Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-78.66	4.87	33.21	-62.05	-40.00	-22.05
6922.5	H	-	-	-81.62	9.54	34.91	-60.35	-40.00	-20.35
9230.0	H	-	-	-81.63	10.63	36.00	-59.26	-40.00	-19.26

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.47	4.81	33.34	-61.92	-40.00	-21.92
6930.0	H	-	-	-81.42	9.41	34.99	-60.27	-40.00	-20.27
9240.0	H	-	-	-81.32	10.60	36.28	-58.98	-40.00	-18.98

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-78.87	5.00	33.13	-62.13	-40.00	-22.13
6937.50	H	-	-	-81.64	9.54	34.89	-60.36	-40.00	-20.36
9250.00	H	-	-	-81.53	10.60	36.06	-59.20	-40.00	-19.20

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

FCC ID: BCGA3267	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210073-10-R1.BCG	Test Dates: 7/1/2024 - 12/9/2024	EUT Type: Tablet Device	Page 398 of 427

V2.2 09/07/2023