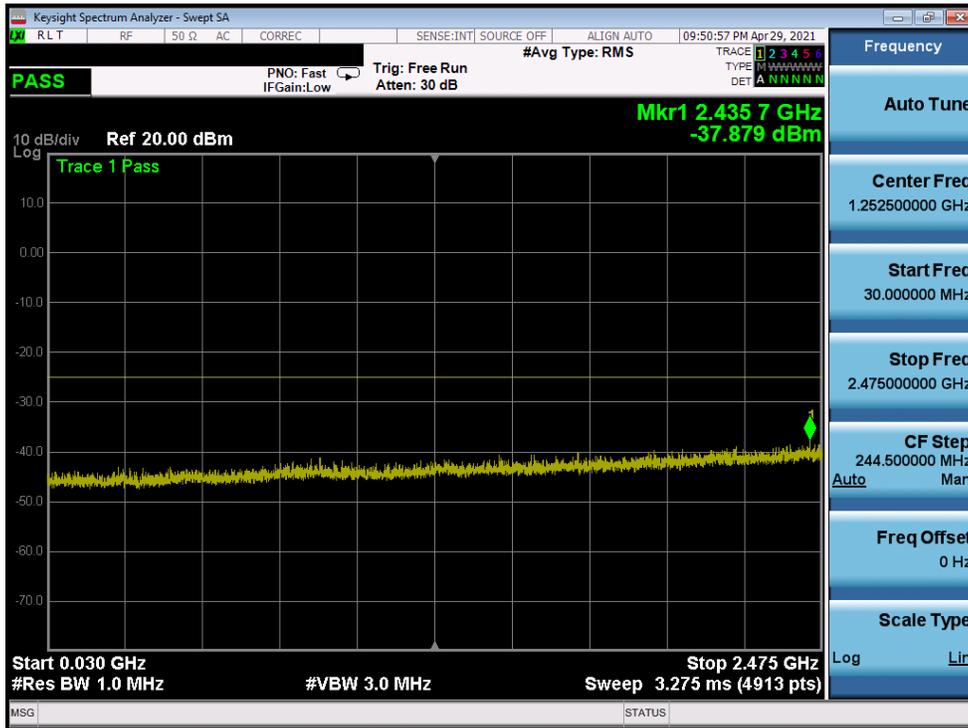
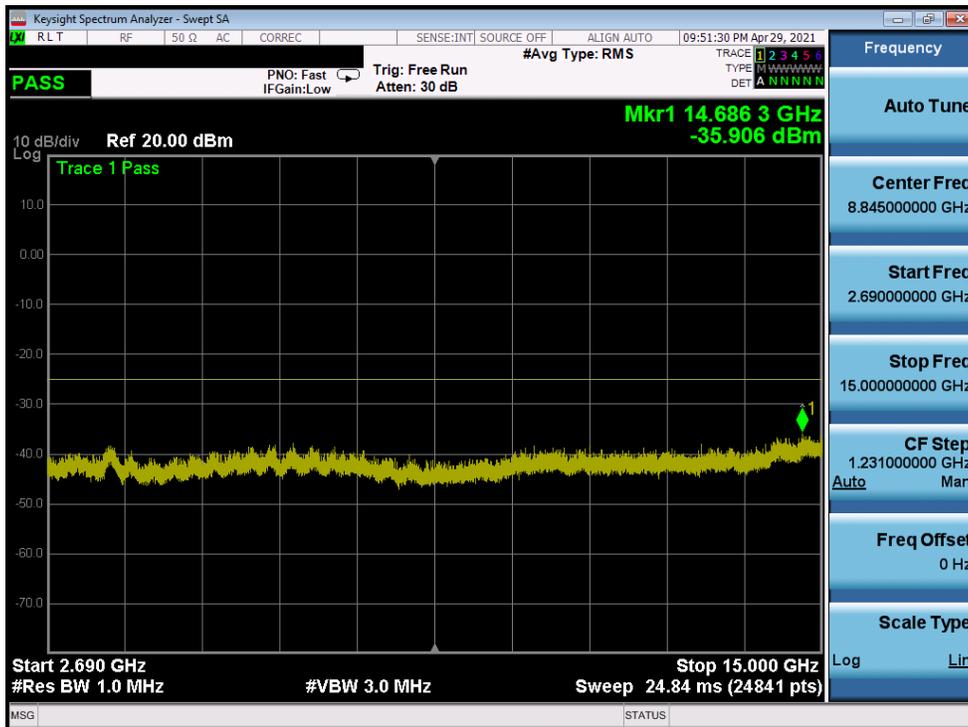


ULCA - LTE B41

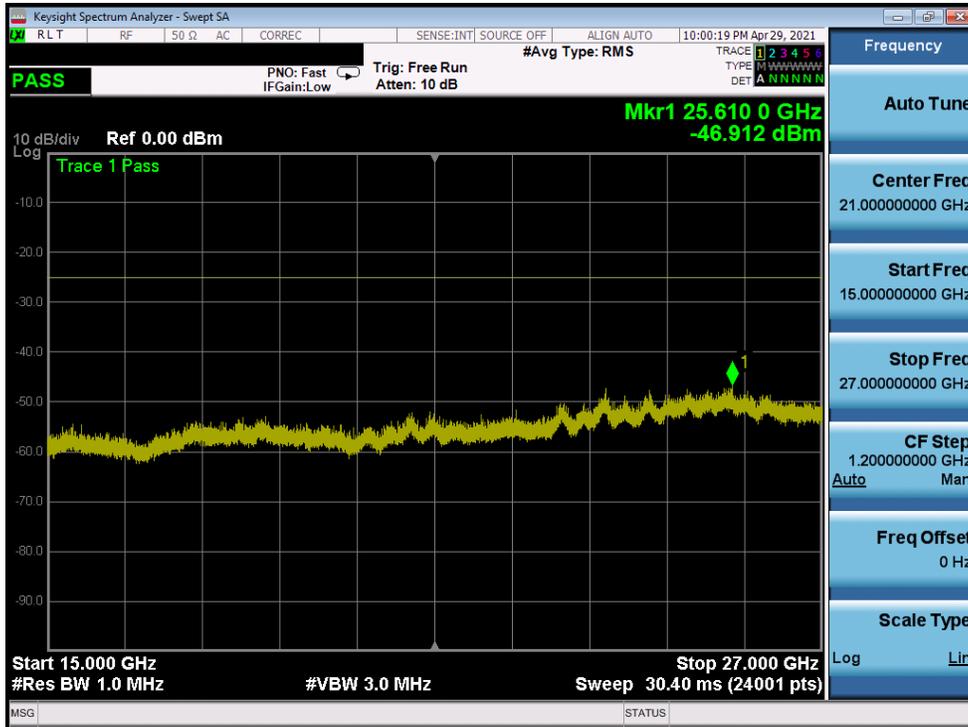


Plot 7-197. Conducted Spurious Plot (ULCA LTE B41 - (20+20)MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



Plot 7-198. Conducted Spurious Plot (ULCA LTE B41 - (20+20)MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

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Plot 7-205. Conducted Spurious Plot (ULCA LTE B41 - (20+20)MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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7.4 Band Edge Emissions at Antenna Terminal

§2.1051, §27.53(a), §27.53(m)

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates 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. All ports were tested and only the worst case data was reported.

The minimum permissible attenuation level for Band 30 is $> 43 + 10 \log_{10}(P[\text{Watts}]$ at 2300-2305MHz & 2345-2360MHz, $> 55 + 10 \log_{10}(P[\text{Watts}]$ at 2320-2324MHz & 2341-2345MHz, $> 61 + 10 \log_{10}(P[\text{Watts}]$ at 2324-2328MHz & 2337-2341MHz, $> 67 + 10 \log_{10}(P[\text{Watts}]$ at 2288-2292MHz & 2328-2337MHz, and $> 70 + 10 \log_{10}(P[\text{Watts}]$ at frequencies $< 2288\text{MHz}$ & $> 2365\text{MHz}$.

For LTE Bands 7, 41, and NR FR1 Band n41 the minimum permissible attenuation level is noted in the Test Notes on the following page.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6.0

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW \geq 1% of the emission bandwidth
4. VBW \geq 3 x RBW
5. Detector = RMS
6. Number of sweep points \geq 2 x Span/RBW
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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

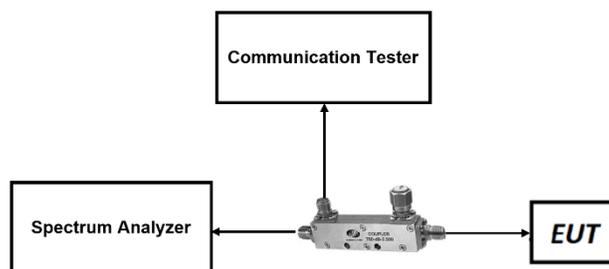


Figure 7-3. Test Instrument & Measurement Setup

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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Test Notes

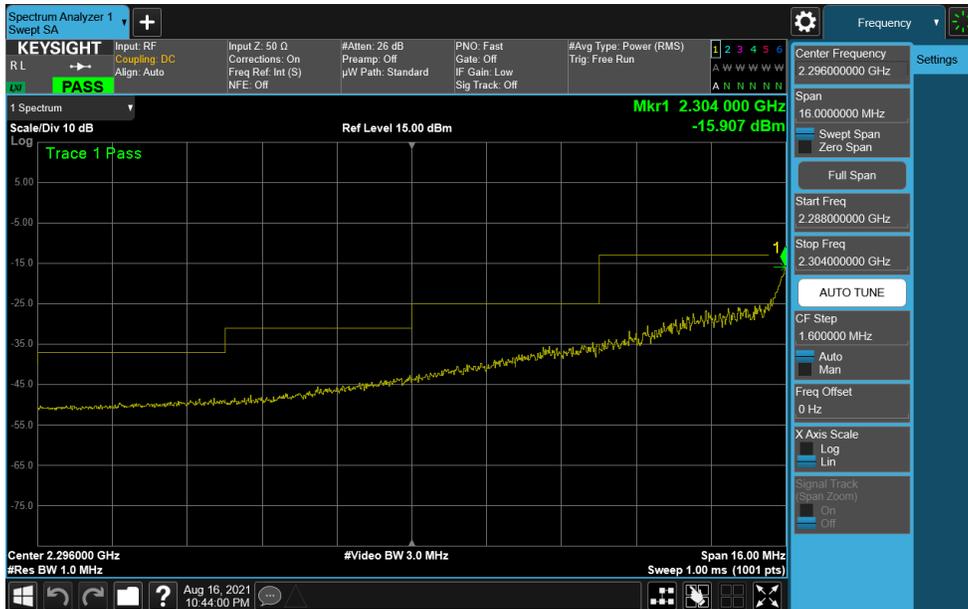
1. Per 27.53(h), in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to demonstrate compliance with the out-of-band emissions limit. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. Per 27.53(a)(5) in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
3. Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz.
4. 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.

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LTE Band 30



Plot 7-206. Lower Band Edge Plot (LTE Band 30 - 5MHz QPSK – Full RB)



Plot 7-207. Extended Lower Band Edge Plot (LTE Band 30 - 5MHz QPSK – Full RB)

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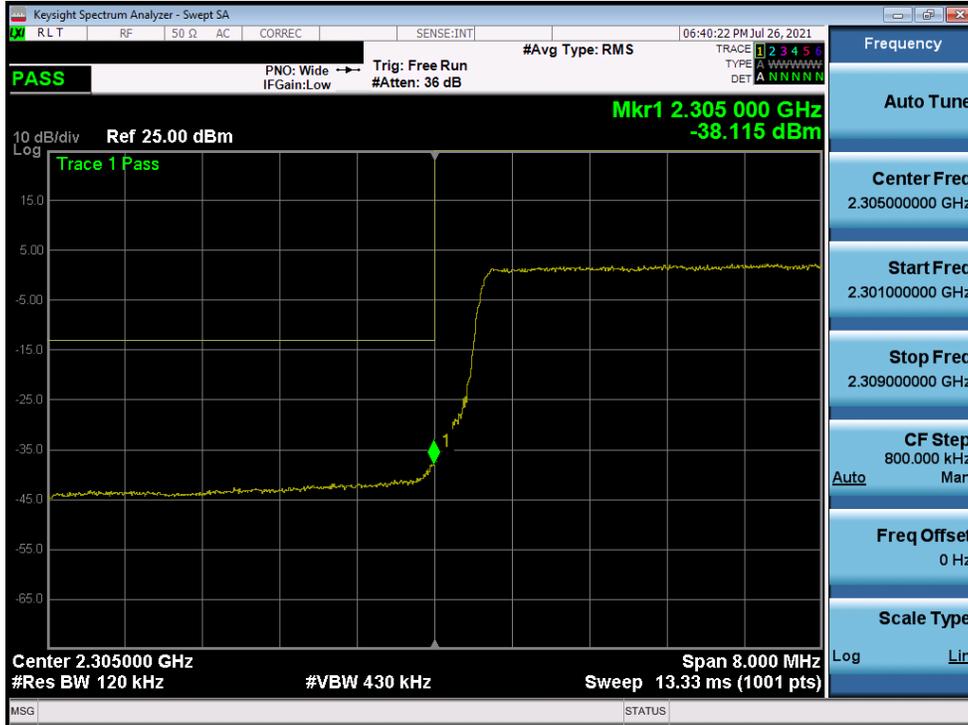


Plot 7-208. Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK – Full RB)

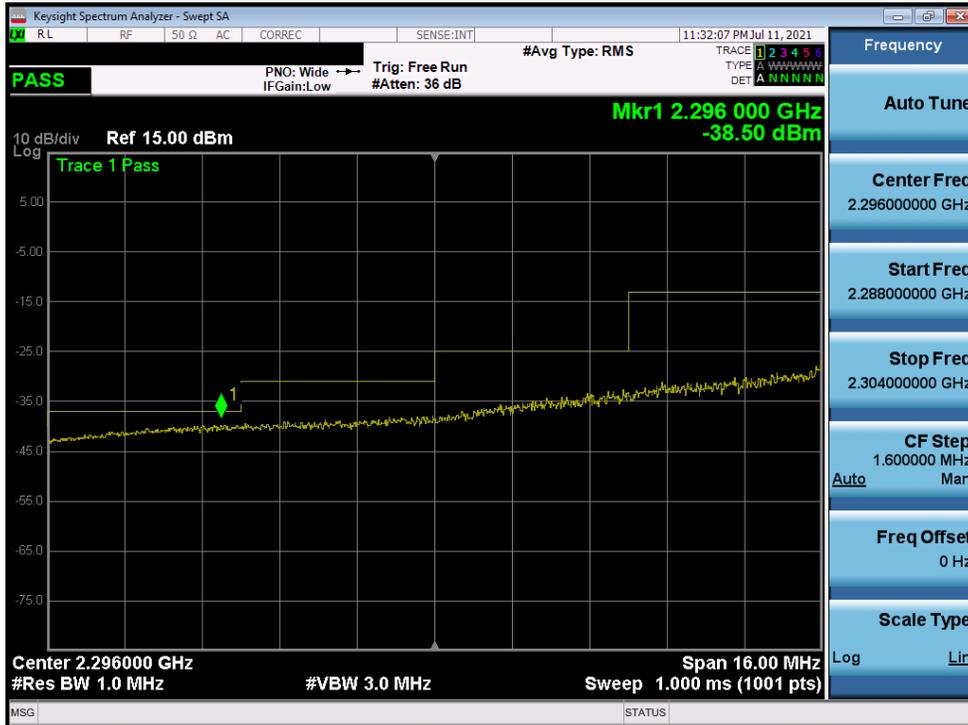


Plot 7-209. Extended Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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Plot 7-210. Lower Band Edge Plot (LTE Band 30 - 10MHz QPSK – Full RB)

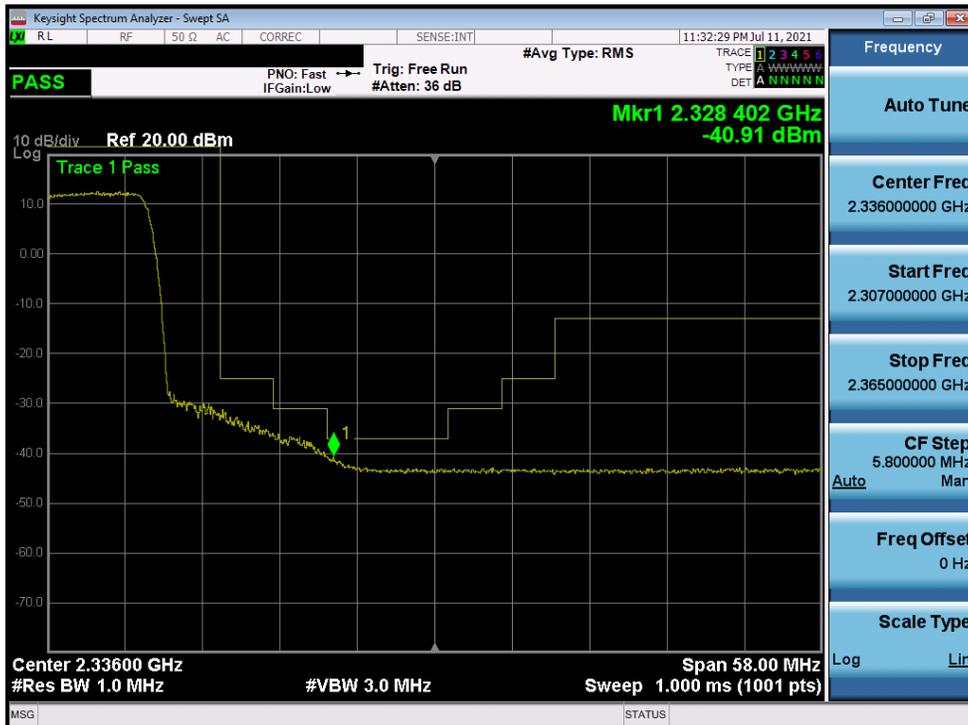


Plot 7-211. Extended Lower Band Edge Plot (LTE Band 30 - 10MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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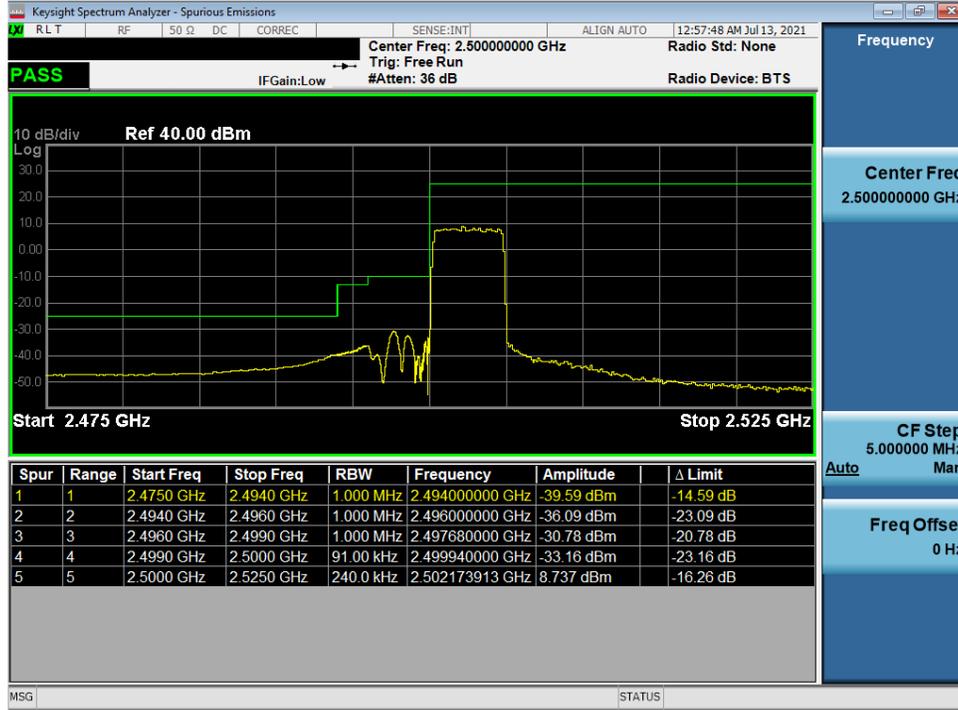
Plot 7-212. Upper Band Edge Plot (LTE Band 30 - 10MHz QPSK – Full RB)



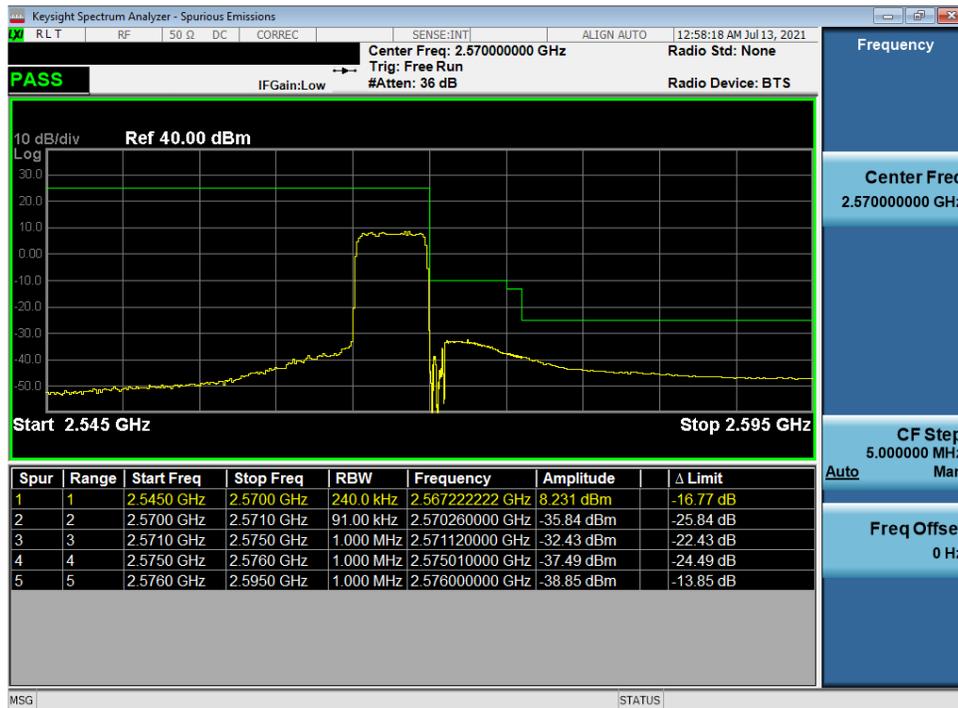
Plot 7-213. Extended Upper Band Edge Plot (LTE Band 30 - 10MHz QPSK – Full RB)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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LTE Band 7



Plot 7-214. Lower ACP Plot (LTE Band 7 - 5MHz QPSK – Full RB)

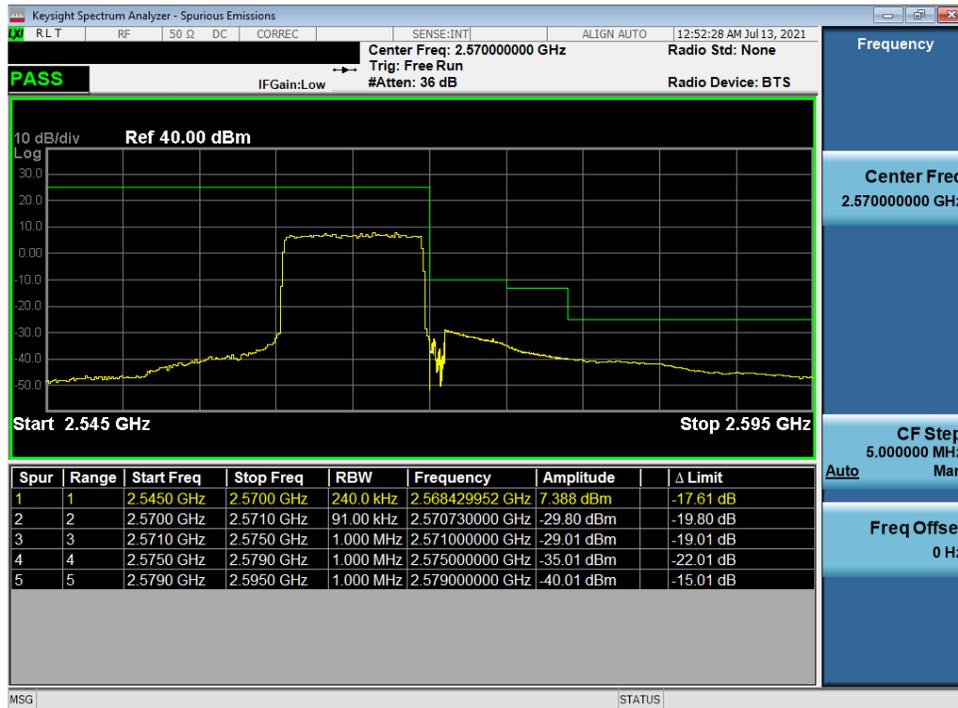


Plot 7-215. Upper ACP Plot (LTE Band 7 - 5MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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Plot 7-216. Lower ACP Plot (LTE Band 7 - 10MHz QPSK – Full RB)



Plot 7-217. Upper ACP Plot (LTE Band 7 - 10MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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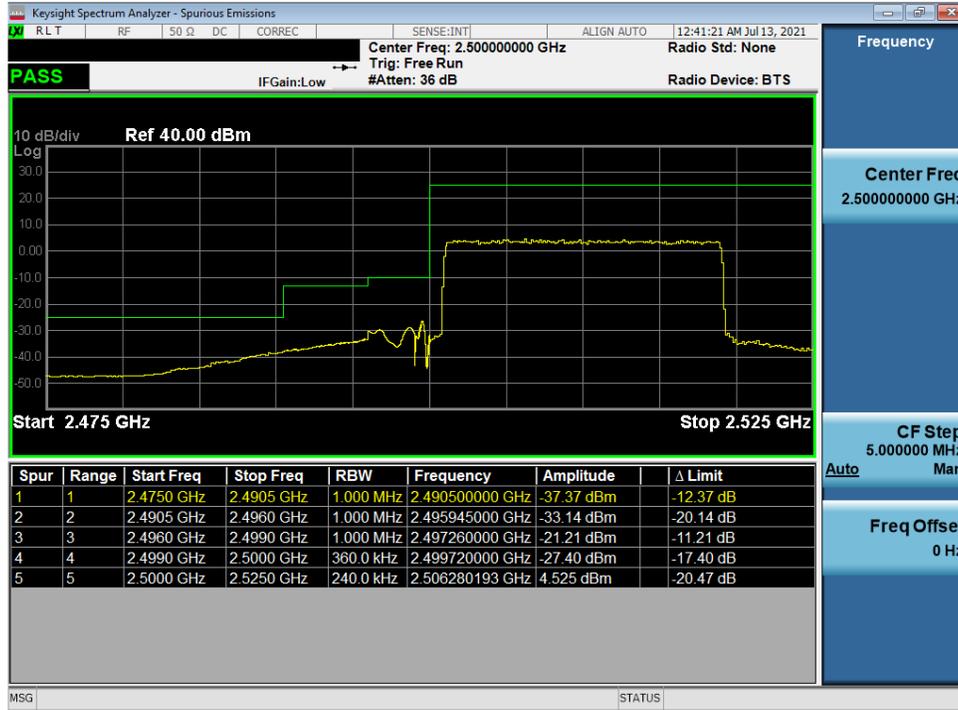


Plot 7-218. Lower ACP Plot (LTE Band 7 - 15MHz QPSK – Full RB)



Plot 7-219. Upper ACP Plot (LTE Band 7 - 15MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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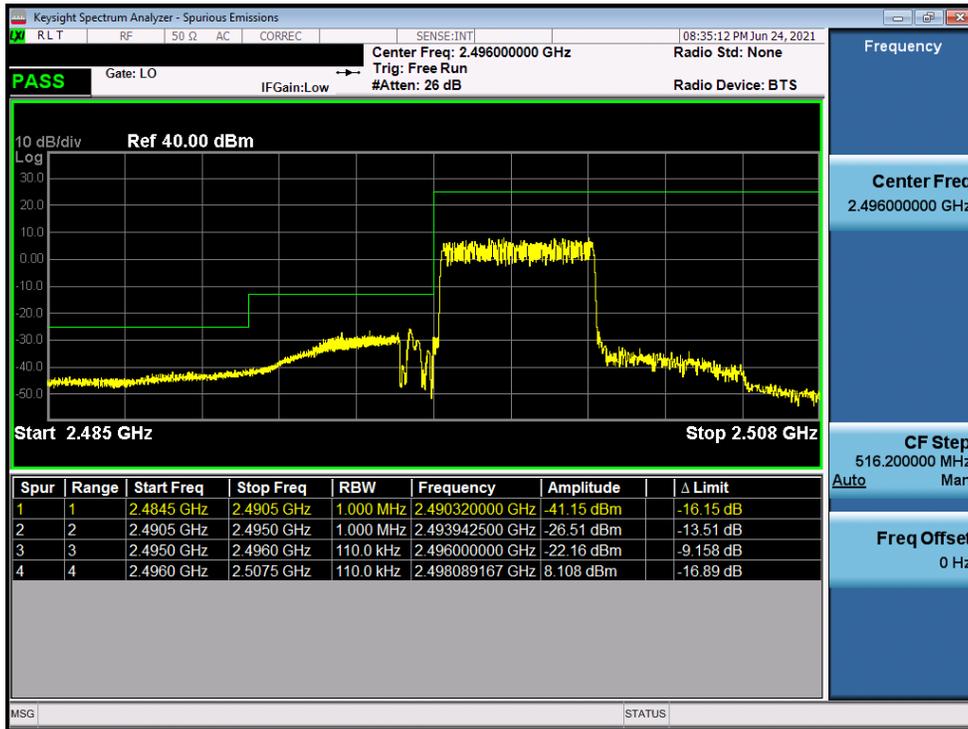
Plot 7-220. Lower ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB)



Plot 7-221. Upper ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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LTE Band 41



Plot 7-222. Lower ACP Plot (LTE Band 41 - 5MHz QPSK – Full RB)

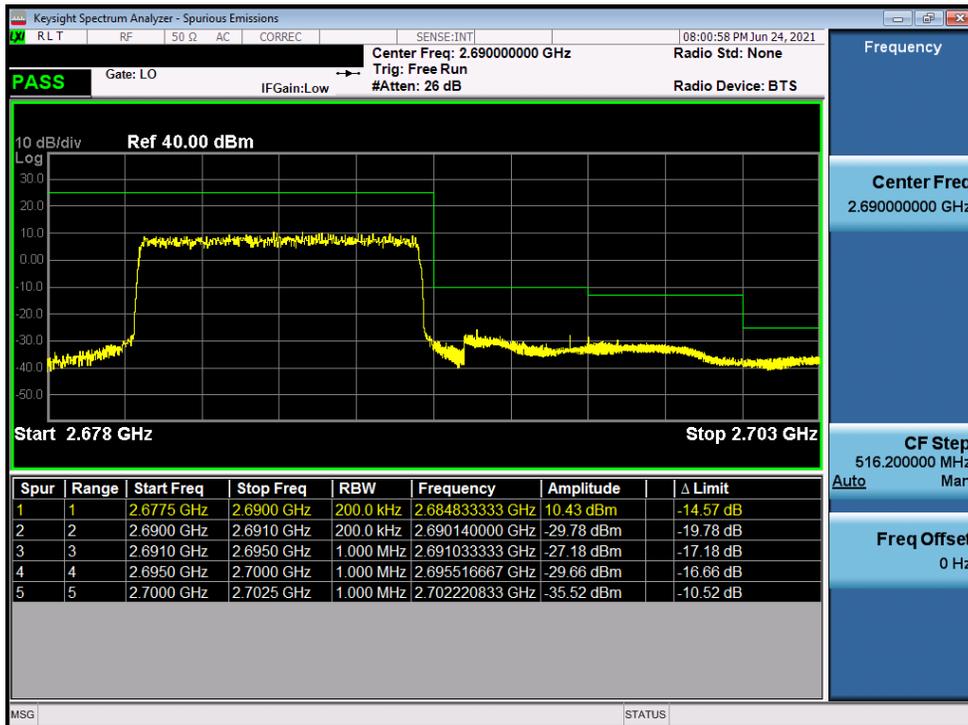


Plot 7-223. Upper ACP Plot (LTE Band 41 - 5MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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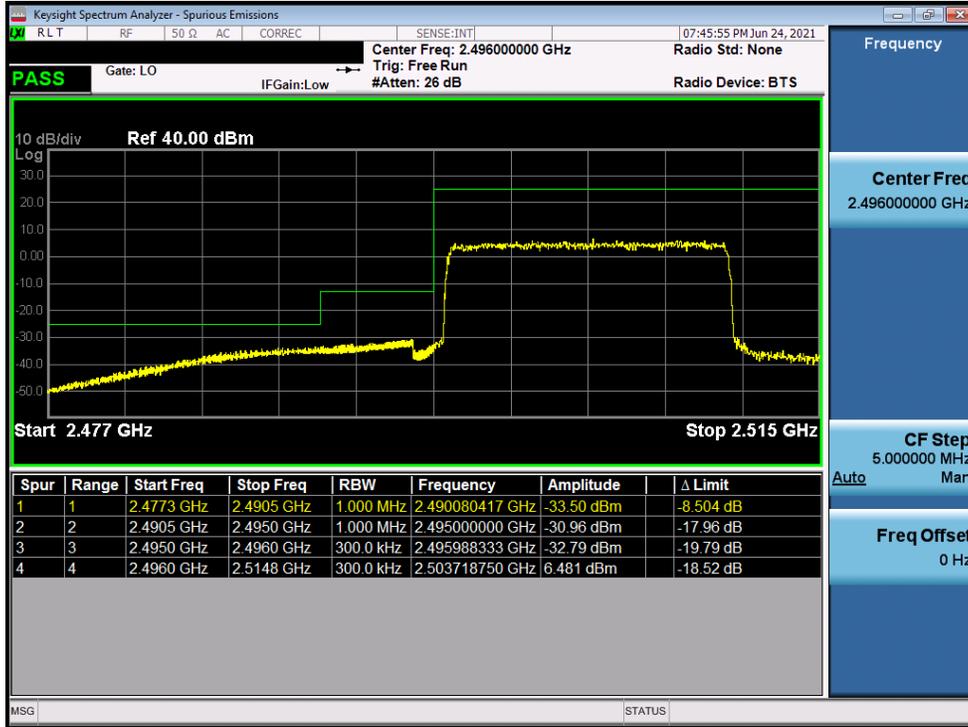


Plot 7-224. Lower ACP Plot (LTE Band 41 - 10MHz QPSK – Full RB)

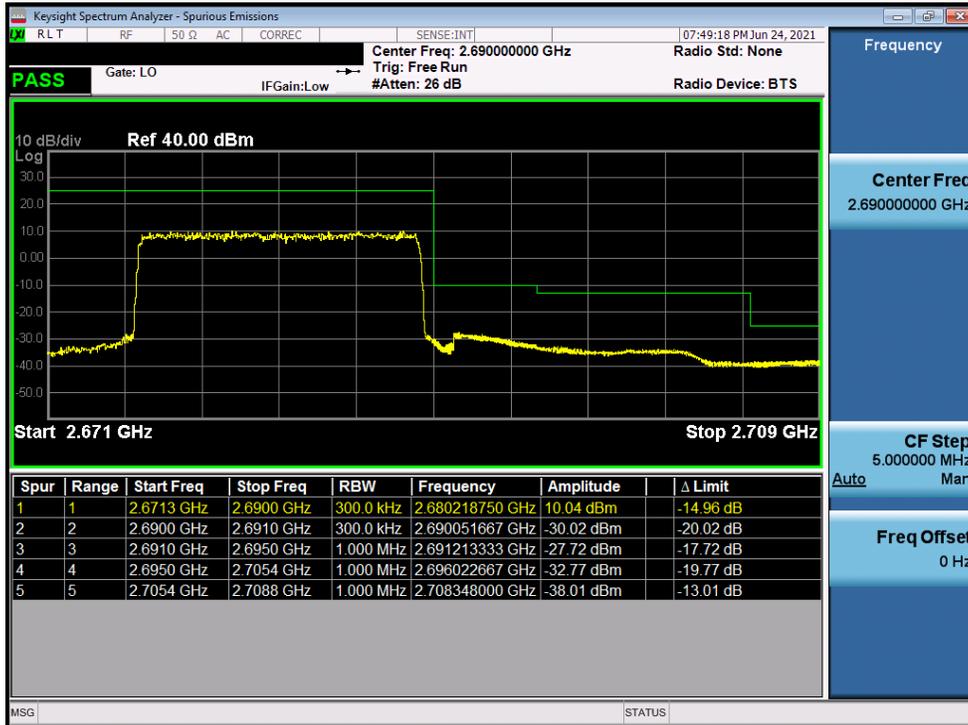


Plot 7-225. Upper ACP Plot (LTE Band 41 - 10MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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Plot 7-226. Lower ACP Plot (LTE Band 41 - 15MHz QPSK – Full RB)

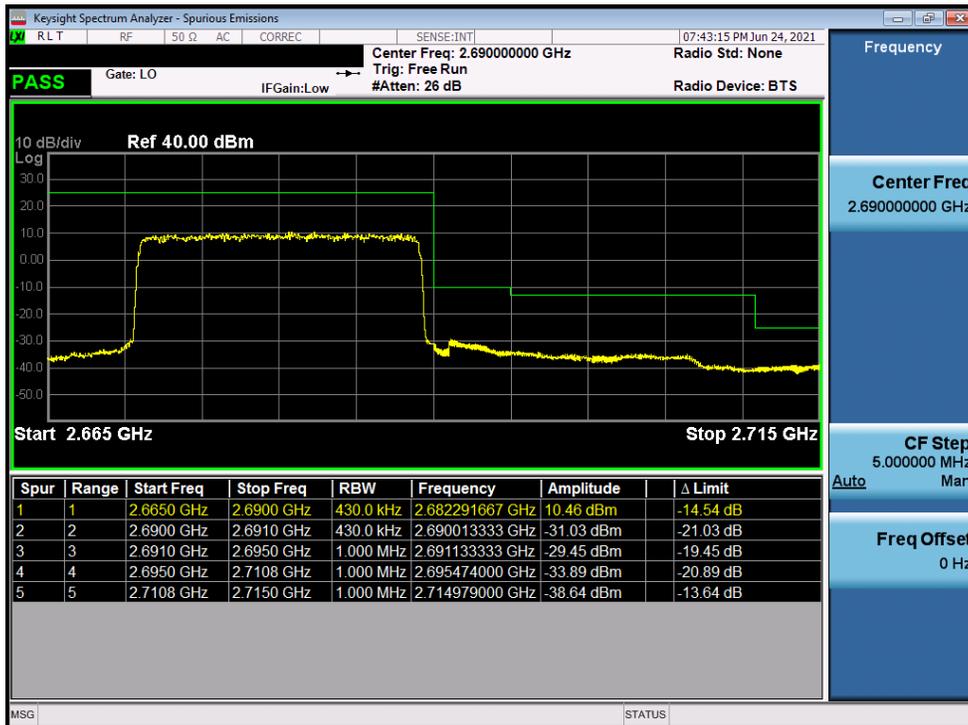


Plot 7-227. Upper ACP Plot (LTE Band 41 - 15MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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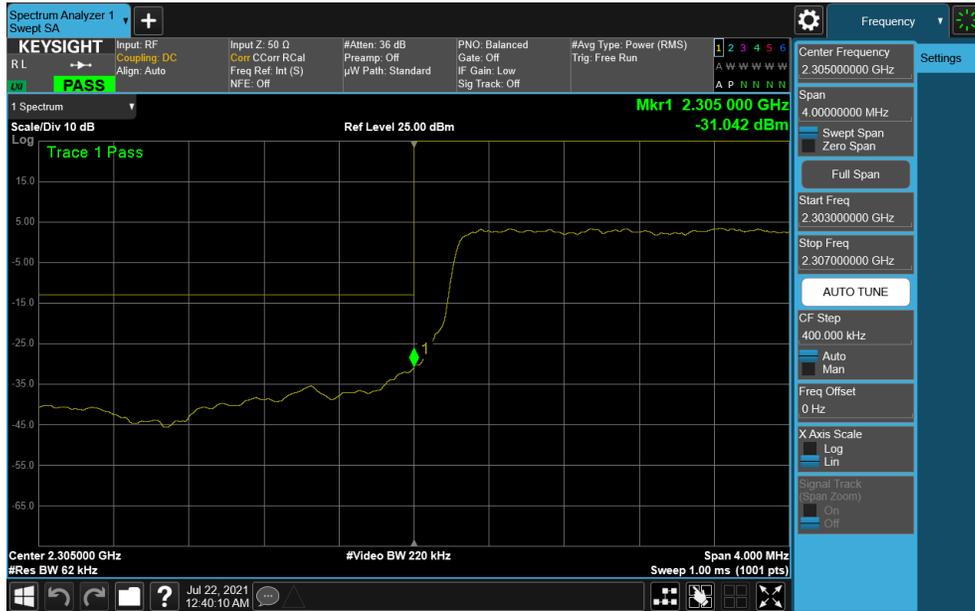
Plot 7-228. Lower ACP Plot (LTE Band 41 - 20MHz QPSK – Full RB)



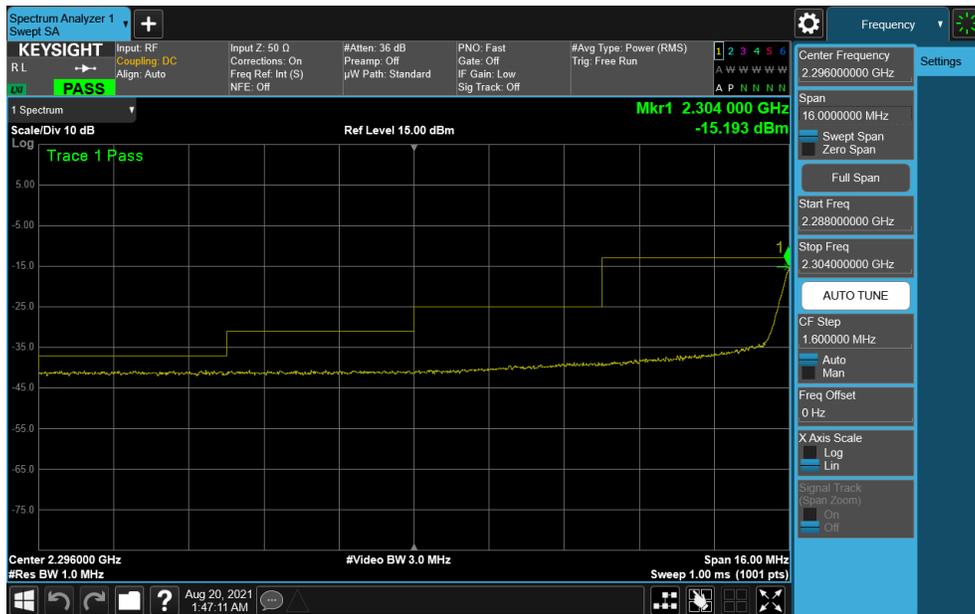
Plot 7-229. Upper ACP Plot (LTE Band 41 - 20MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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NR Band n30

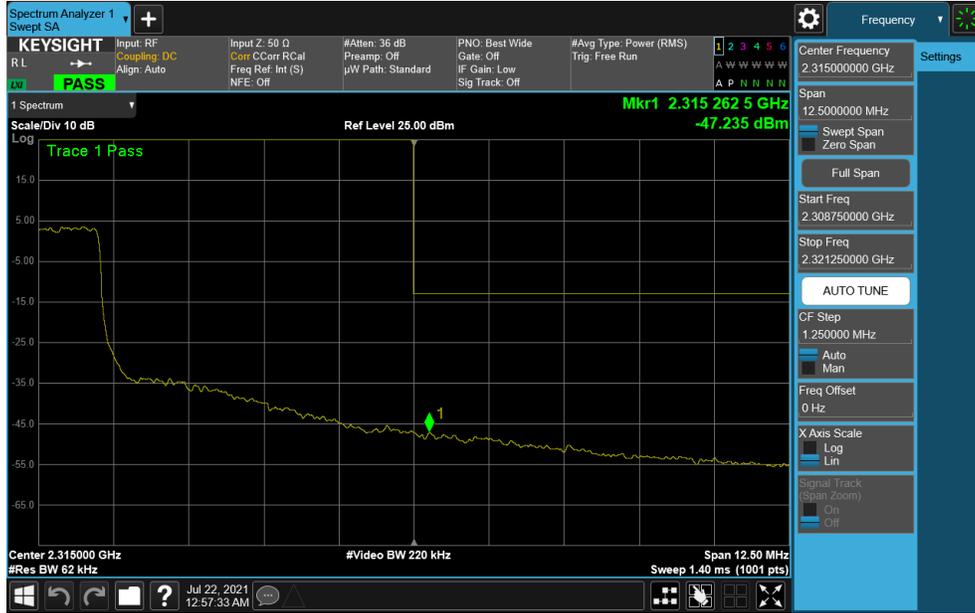


Plot 7-230. Lower Band Edge Plot (NR Band n30 - 5MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

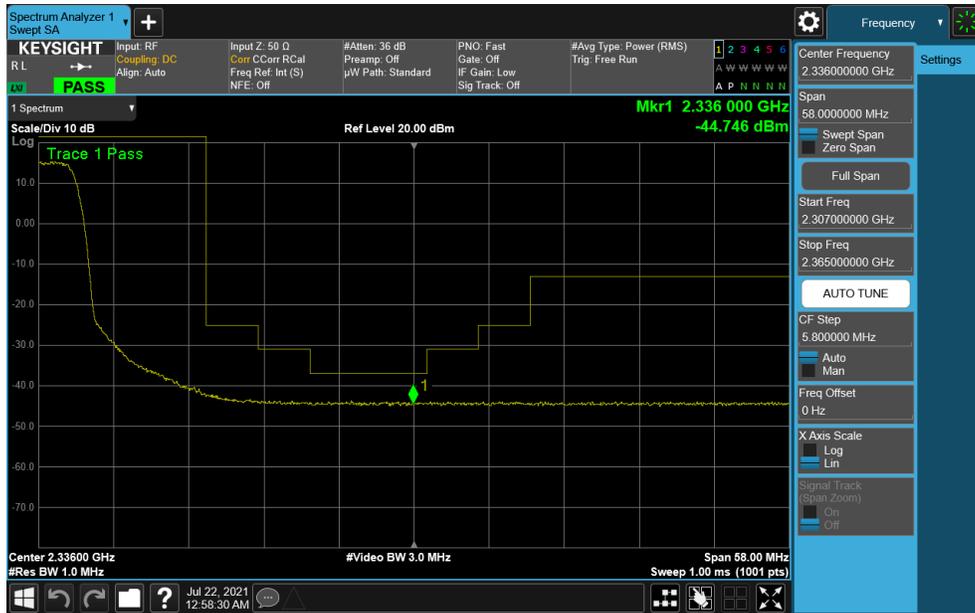


Plot 7-231. Extended Lower Band Edge Plot (NR Band n30 - 5MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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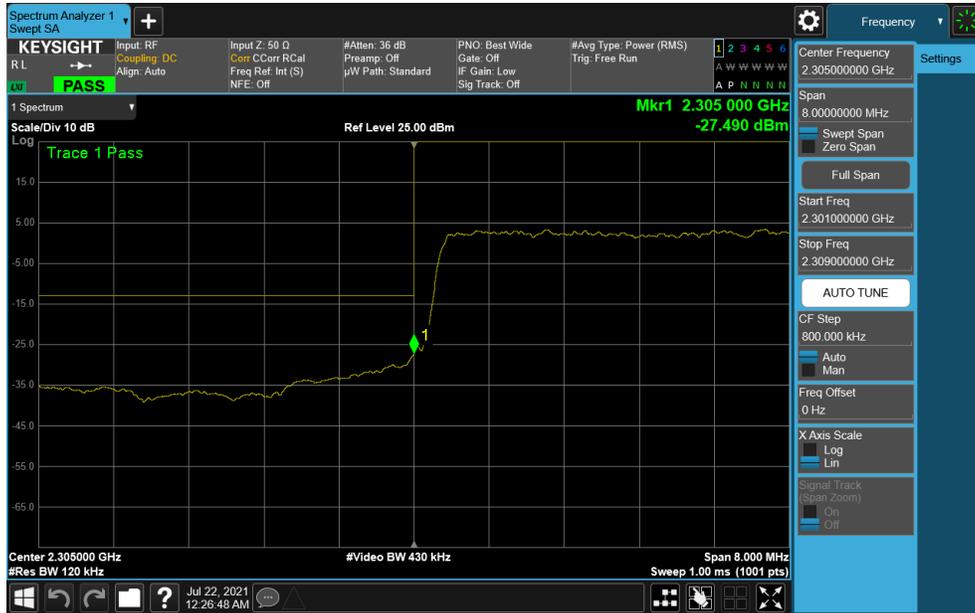


Plot 7-232. Upper Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK – Full RB)

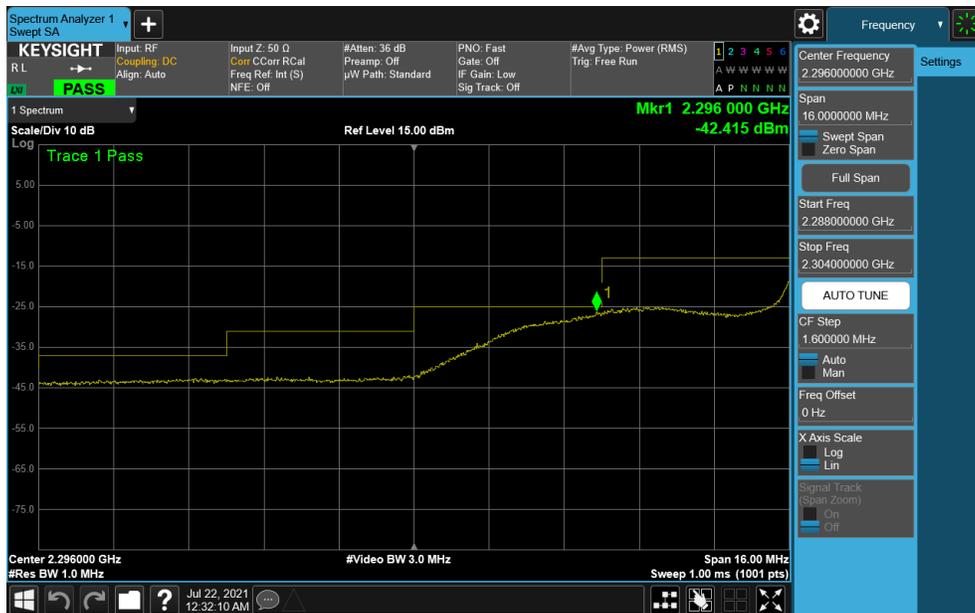


Plot 7-233. Extended Upper Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK – Full RB)

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 141 of 250

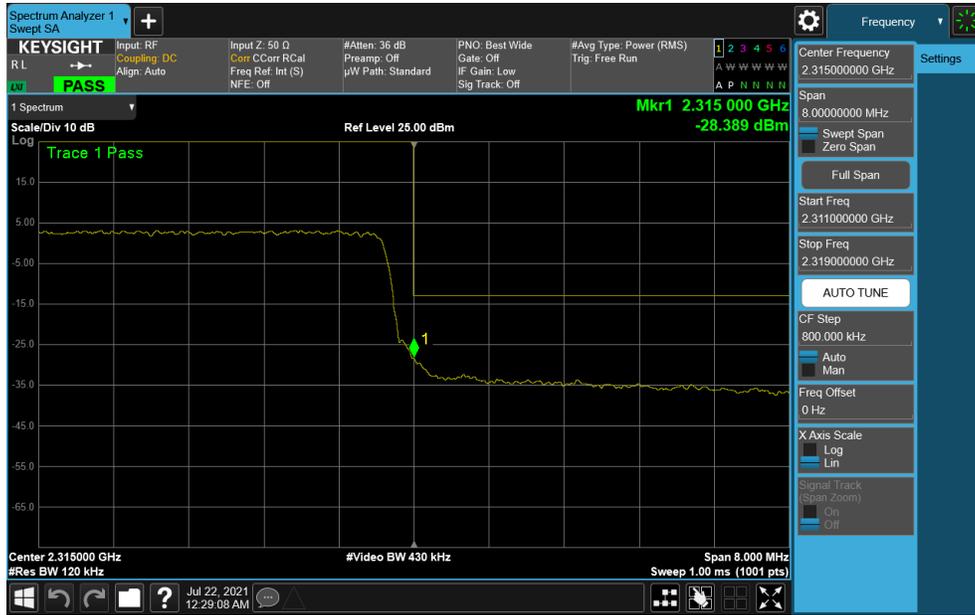


Plot 7-234. Lower Band Edge Plot (NR Band n30 - 10MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

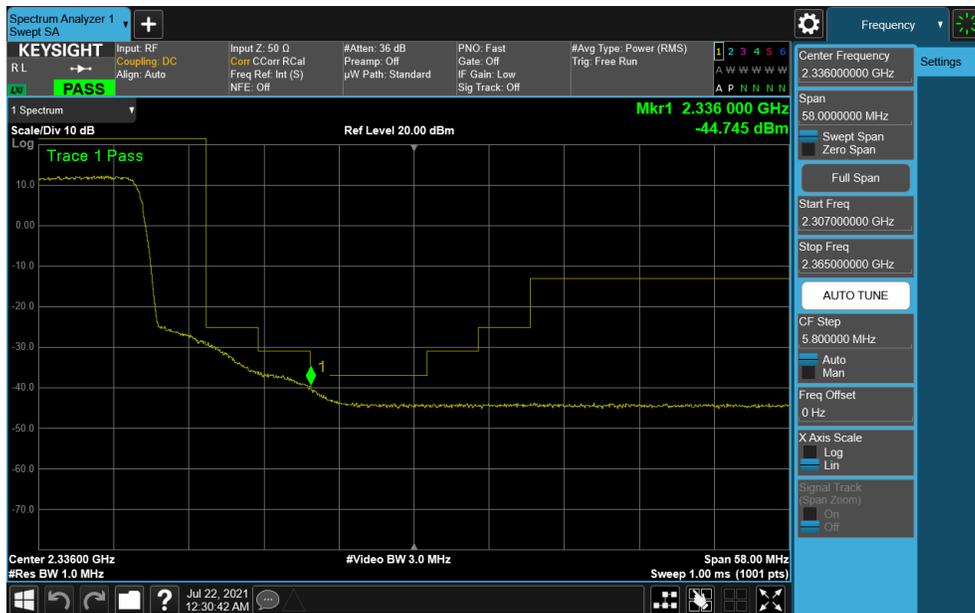


Plot 7-235. Extended Lower Band Edge Plot (NR Band n30 - 10MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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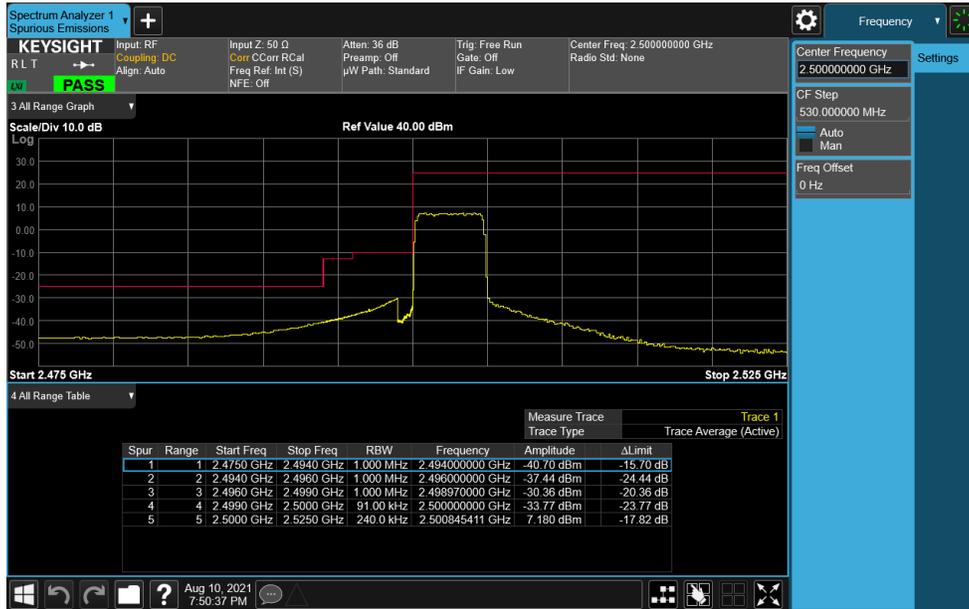
Plot 7-236. Upper Band Edge Plot (NR Band n30 - 10MHz CP-OFDM-QPSK – Full RB)



Plot 7-237. Extended Upper Band Edge Plot (NR Band n30 - 10MHz CP-OFDM-QPSK – Full RB)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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NR Band n7



Plot 7-238. Lower Band Edge Plot (NR Band n7 - 5MHz CP-OFDM-QPSK – Full RB)



Plot 7-239. Upper Band Edge Plot (NR Band n7 - 5MHz CP-OFDM-QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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Plot 7-240. Lower Band Edge Plot (NR Band n7 - 10MHz DFT-s-OFDM-QPSK – Full RB)



Plot 7-241. Upper Band Edge Plot (NR Band n7 - 10MHz CP-OFDM-QPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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Plot 7-242. Lower Band Edge Plot (NR Band n7 - 15MHz DFT-s-OFDM-QPSK – Full RB)



Plot 7-243. Upper Band Edge Plot (NR Band n7 - 15MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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Plot 7-244. Lower Band Edge Plot (NR Band n7 - 20MHz DFT-s-OFDM-QPSK – Full RB)



Plot 7-245. Upper Band Edge Plot (NR Band n7 - 20MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 147 of 250

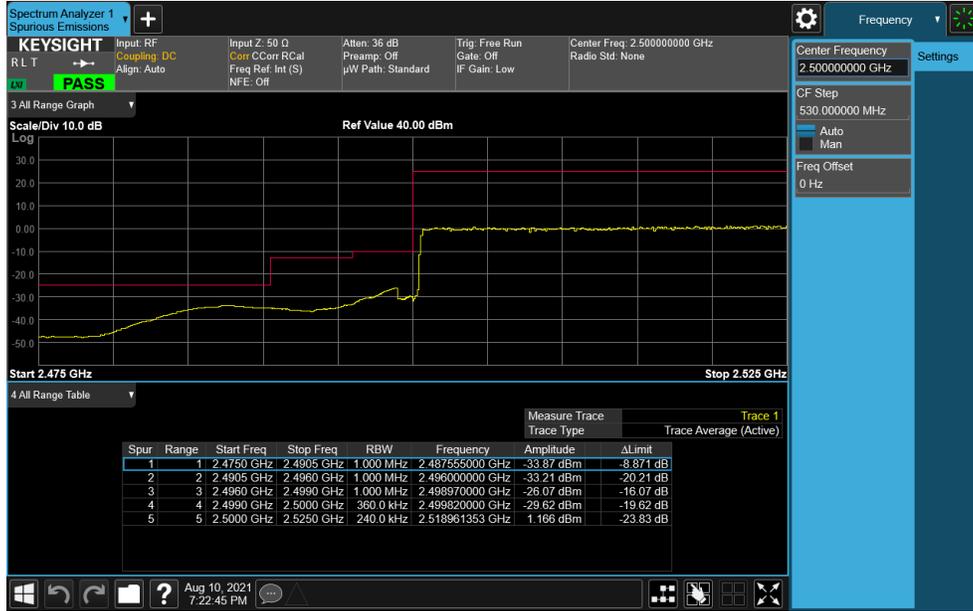


Plot 7-246. Lower Band Edge Plot (NR Band n7 - 25MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)



Plot 7-247. Upper Band Edge Plot (NR Band n7 - 25MHz CP-OFDM-QPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 148 of 250

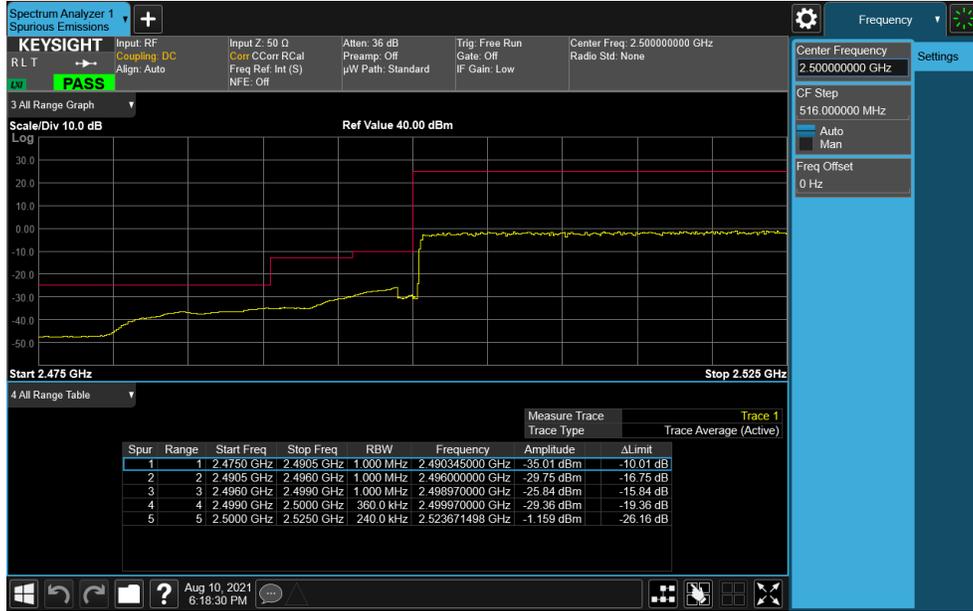


Plot 7-248. Lower Band Edge Plot (NR Band n7 - 30MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)



Plot 7-249. Upper Band Edge Plot (NR Band n7 - 30MHz DFT-s-OFDM-QPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 149 of 250



Plot 7-250. Lower Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)



Plot 7-251. Upper Band Edge Plot (NR Band n7 - 40MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 150 of 250

NR Band n41

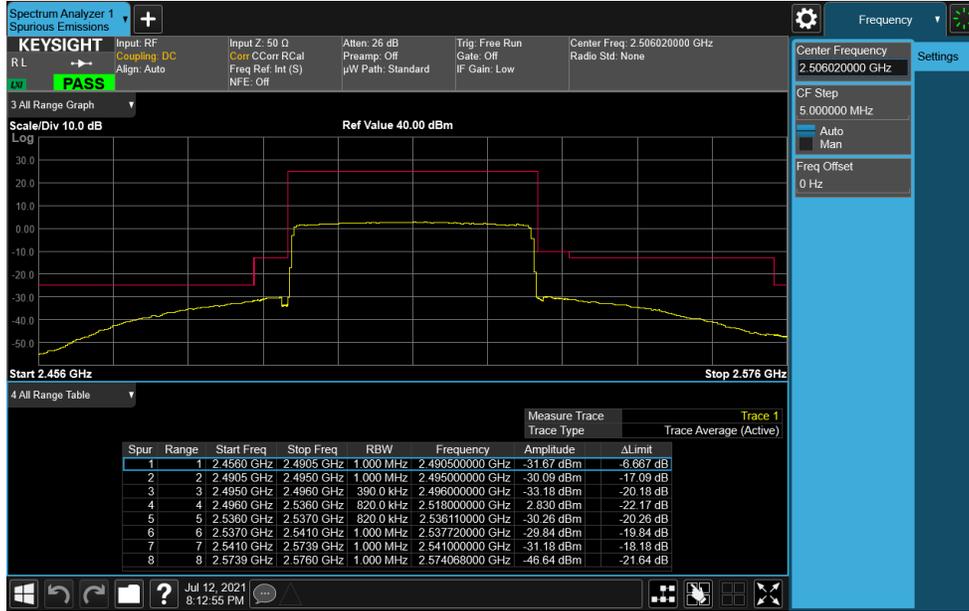


Plot 7-252. Lower ACP Plot (NR Band n41 - 20MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)



Plot 7-253. Upper ACP Plot (NR Band n41 - 20MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 151 of 250

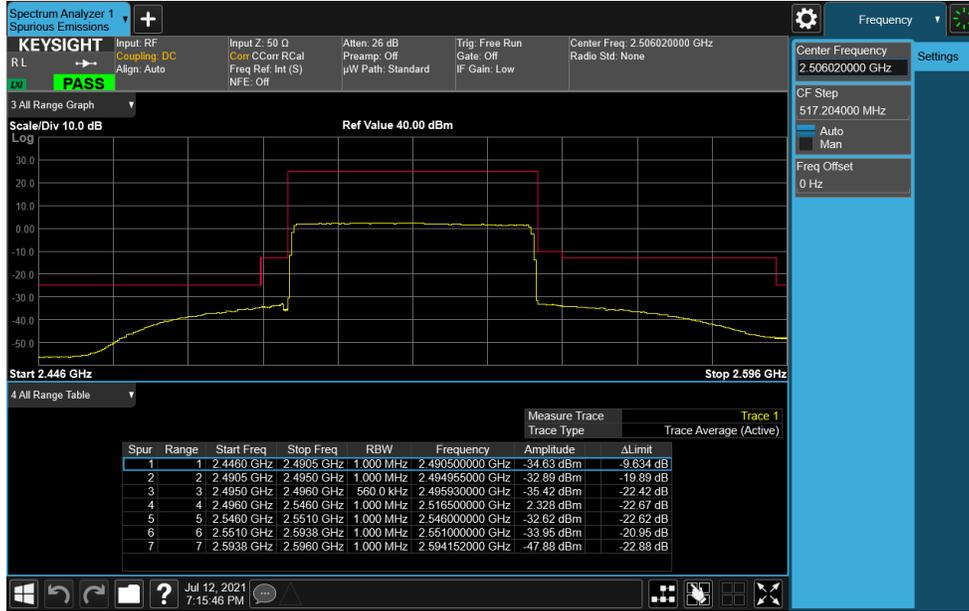


Plot 7-254. Lower ACP Plot (NR Band n41 - 40MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)

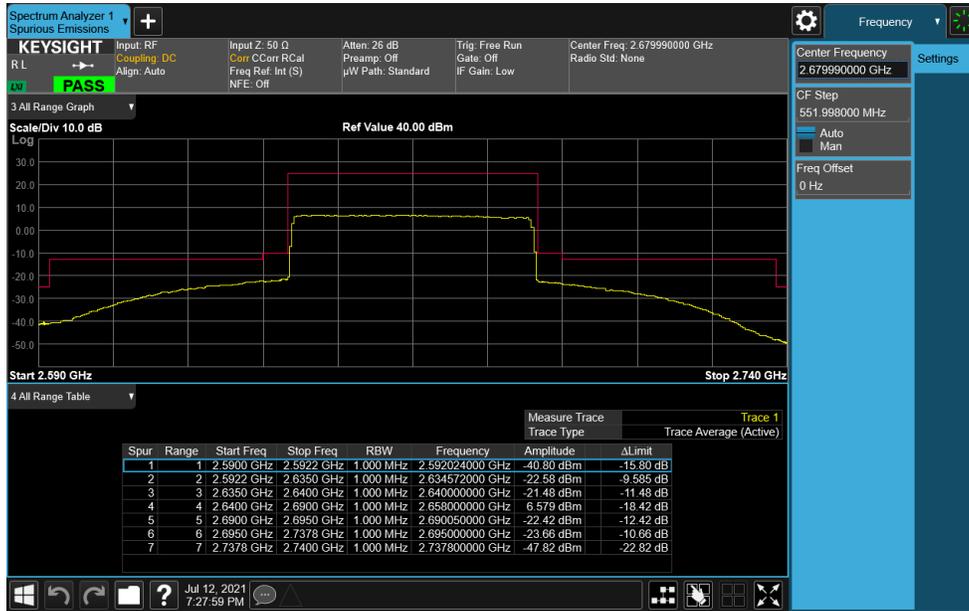


Plot 7-255. Upper ACP Plot (NR Band n41 - 40MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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Plot 7-256. Lower ACP Plot (NR Band n41 - 50MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

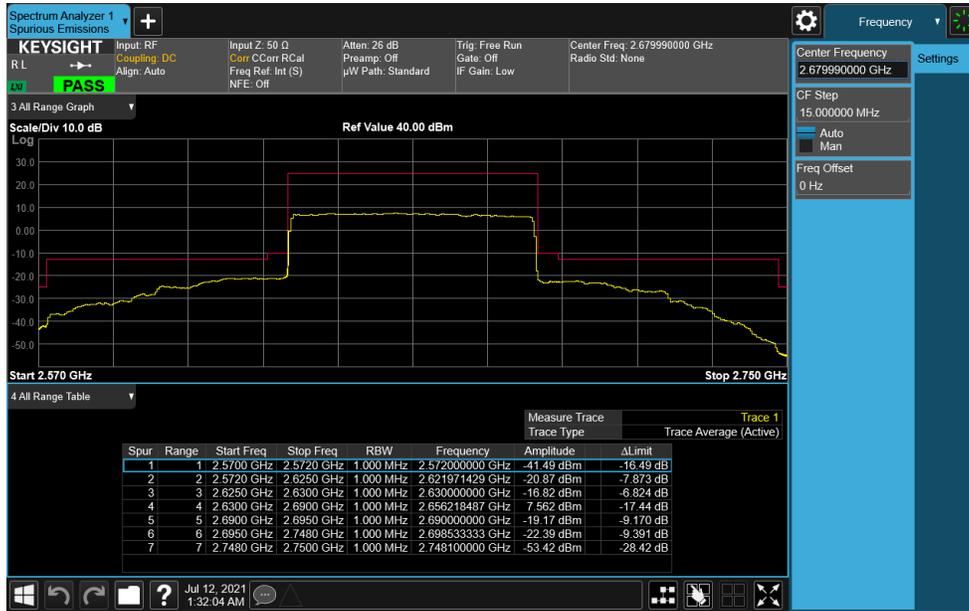


Plot 7-257. Upper ACP Plot (NR Band n41 - 50MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 153 of 250

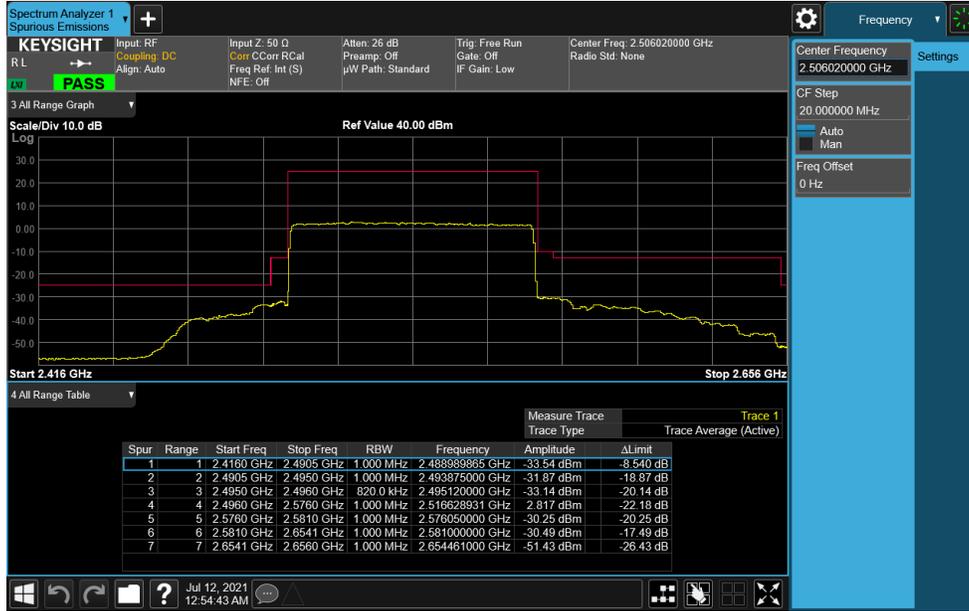


Plot 7-258. Lower ACP Plot (NR Band n41 - 60MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)

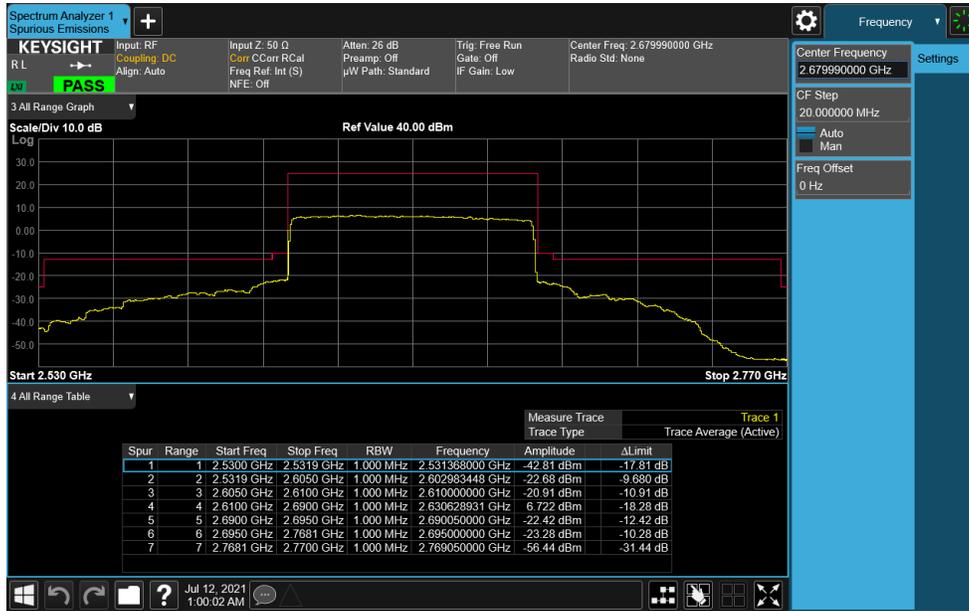


Plot 7-259. Upper ACP Plot (NR Band n41 - 60MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 154 of 250

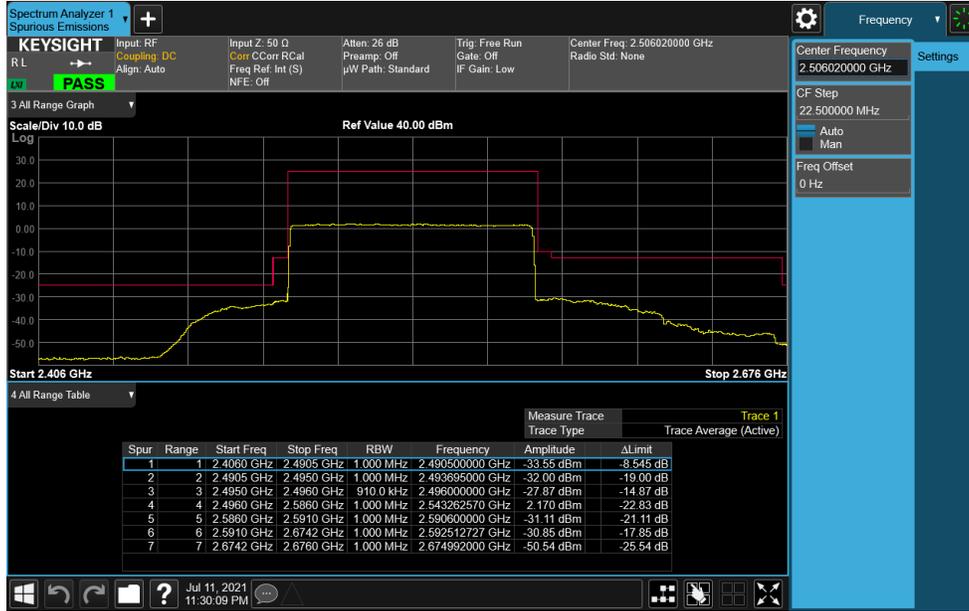


Plot 7-260. Lower ACP Plot (NR Band n41 - 80MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

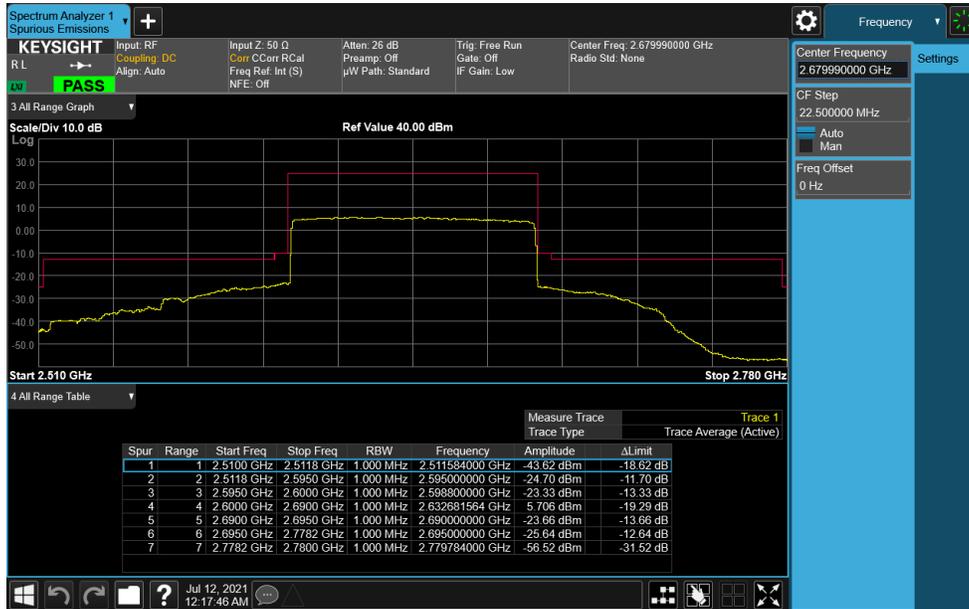


Plot 7-261. Upper ACP Plot (NR Band n41 - 80MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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Plot 7-262. Lower ACP Plot (NR Band n41 - 90MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

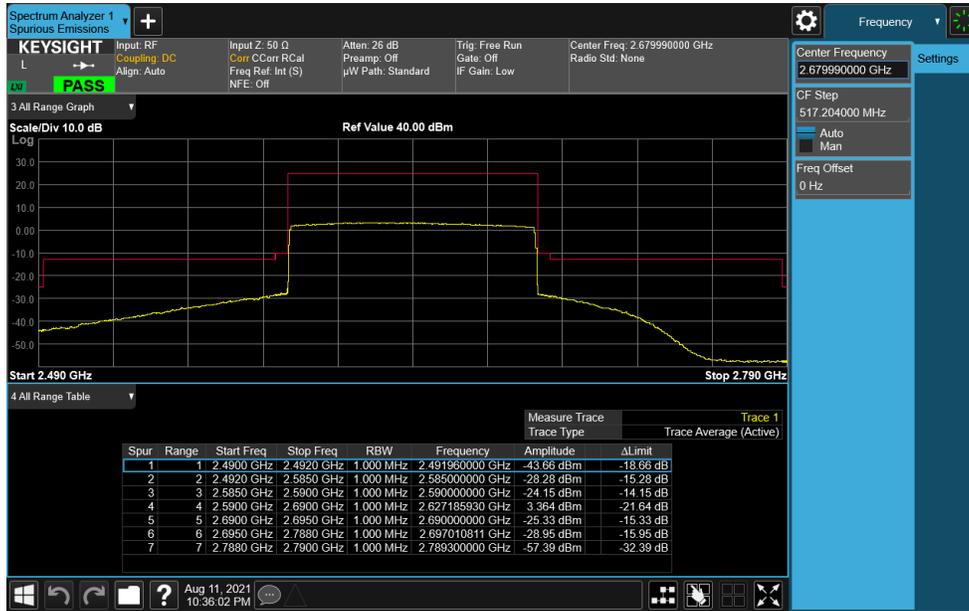


Plot 7-263. Upper ACP Plot (NR Band n41 - 90MHz DFT-s-OFDM- $\pi/2$ BPSK – Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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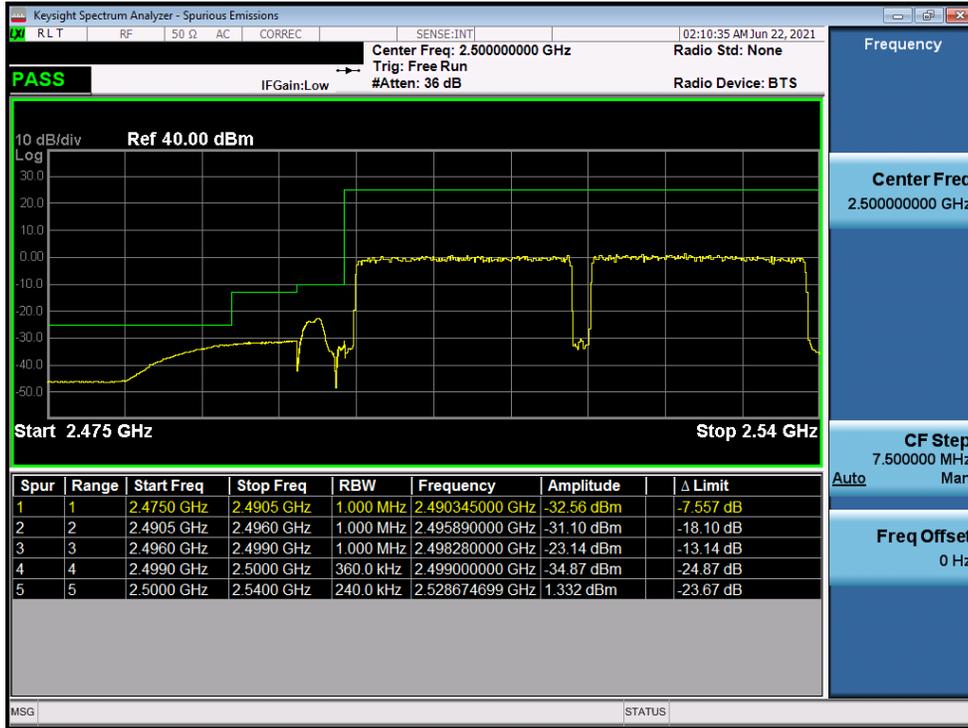
Plot 7-264. Lower ACP Plot (NR Band n41 - 100MHz DFT-s-OFDM- $\pi/2$ BPSK - Full RB)



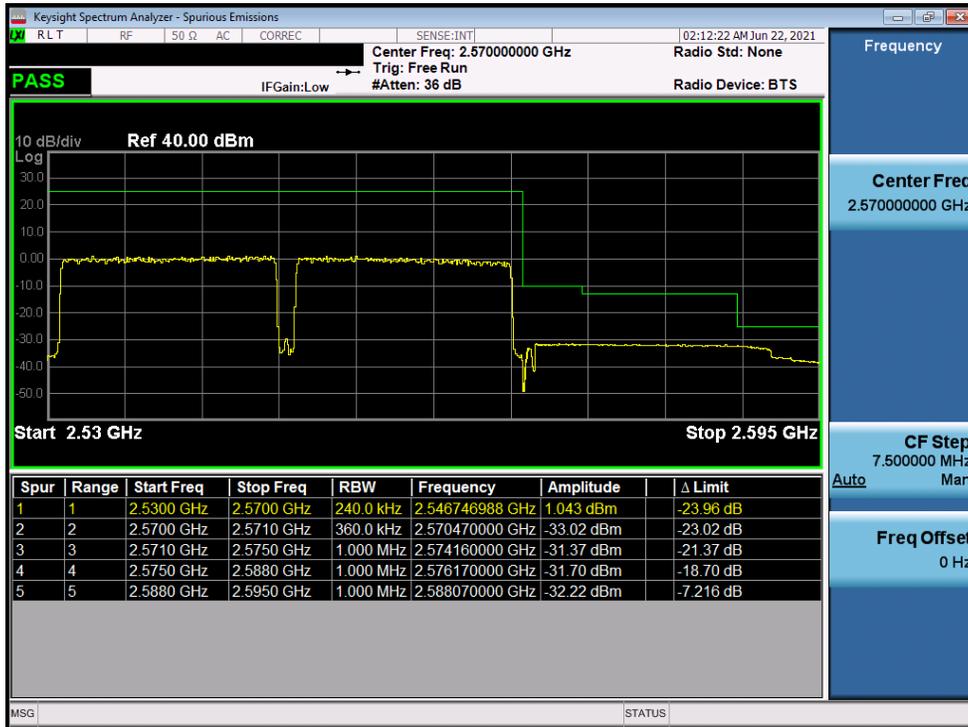
Plot 7-265. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK - Full RB)

FCC ID: BCGA2568	PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 157 of 250

ULCA - LTE Band 7



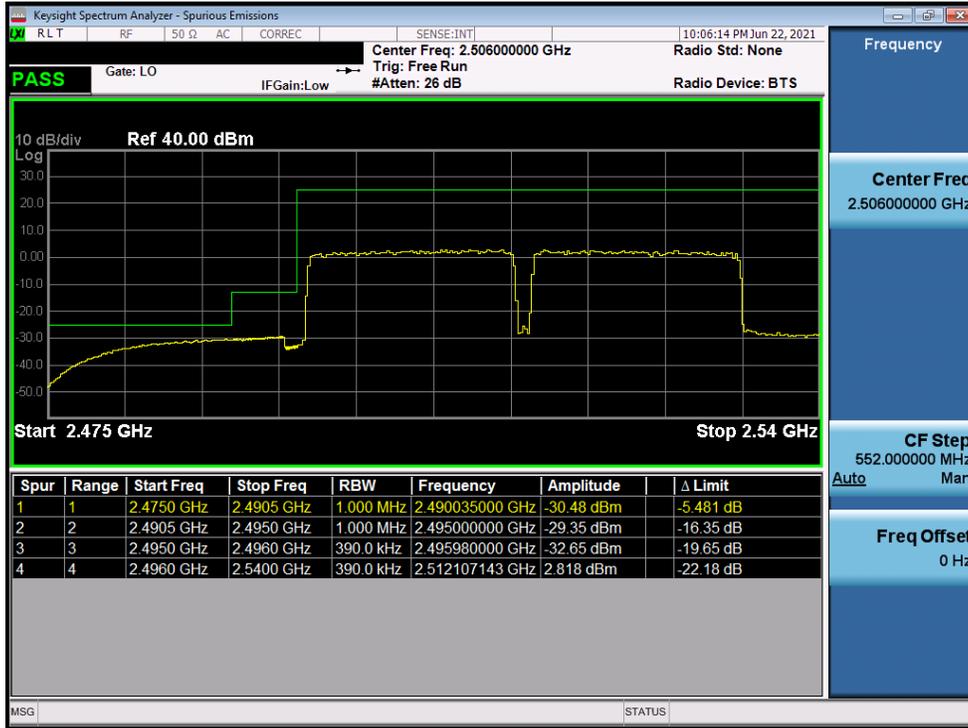
Plot 7-266. Lower ACP Plot (ULCA LTE B7 - 20MHz QPSK – Full RB)



Plot 7-267. Upper ACP Plot (ULCA LTE B7 - 20MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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ULCA - LTE Band 41



Plot 7-268. Lower ACP Plot (ULCA LTE B41 - 20MHz QPSK – Full RB)



Plot 7-269. Upper ACP Plot (ULCA LTE B41 - 20MHz QPSK – Full RB)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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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

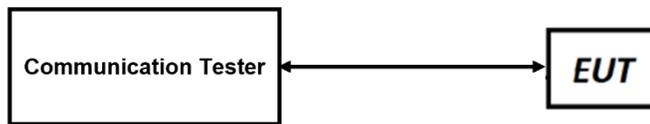


Figure 7-4. Conducted Power Measurement Setup

Test Notes

None.

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 160 of 250

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	27.11	23.7	3.41
										16-QAM	1	27.00	22.7	4.30
										64-QAM	2	26.17	21.7	4.47
										256-QAM	4	24.07	22.7	1.37
2				5	39675	2498.5	1	9	0	QPSK	0	27.20	26.7	0.50
										16-QAM	1	27.00	25.7	1.30
										64-QAM	2	26.19	24.7	1.49
3				10	39700	2501	1	0	5	256-QAM	4	24.10	22.7	1.40
										QPSK	0	27.26	21.7	5.56
										16-QAM	1	26.48	20.7	5.78
4				10	39700	2501	20	0	2	64-QAM	2	25.78	19.7	6.08
										256-QAM	4	23.81	22.7	1.11
										QPSK	0	26.22	24.7	1.52
5				10	39700	2501	50	0	3	16-QAM	1	25.37	23.7	1.67
										64-QAM	2	24.20	22.7	1.50
										256-QAM	4	23.40	22.7	0.70
6				10	39700	2501	25	20	1	QPSK	0	26.25	23.7	2.55
										16-QAM	1	25.26	22.7	2.56
										64-QAM	2	24.21	21.7	2.51
7	10	39700	2501	1	36	0	256-QAM	4	23.49	22.7	0.79			
							QPSK	0	26.26	25.7	0.56			
							16-QAM	1	25.18	24.7	0.48			
8	15	39725	2503.5	1	0	5	64-QAM	2	24.31	23.7	0.61			
							256-QAM	4	23.44	22.7	0.74			
							QPSK	0	27.14	26.7	0.44			
9	15	39725	2503.5	20	0	2	16-QAM	1	26.52	25.7	0.82			
							64-QAM	2	25.86	24.7	1.16			
							256-QAM	4	23.79	22.7	1.09			
10	15	39725	2503.5	75	0	4	QPSK	0	27.14	21.7	5.44			
							16-QAM	1	26.47	20.7	5.77			
							64-QAM	2	25.71	19.7	6.01			
11	15	39725	2503.5	50	15	3	256-QAM	4	24.13	22.7	1.43			
							QPSK	0	26.19	24.7	1.49			
							16-QAM	1	25.26	23.7	1.56			
12	15	39725	2503.5	1	60	0	64-QAM	2	24.20	22.7	1.50			
							256-QAM	4	23.44	22.7	0.74			
							QPSK	0	26.18	22.7	3.48			
13	15	39725	2503.5	1	60	0	16-QAM	1	25.25	21.7	3.55			
							64-QAM	2	24.41	20.7	3.71			
							256-QAM	4	23.40	22.7	0.70			
14	15	39725	2503.5	50	15	3	QPSK	0	26.25	23.7	2.55			
							16-QAM	1	25.39	22.7	2.69			
							64-QAM	2	24.30	21.7	2.60			
15	15	39725	2503.5	1	60	0	256-QAM	4	23.42	22.7	0.72			
							QPSK	0	27.23	26.7	0.53			
							16-QAM	1	26.59	25.7	0.89			
16	15	39725	2503.5	1	60	0	64-QAM	2	25.91	24.7	1.21			
							256-QAM	4	24.15	22.7	1.45			
							QPSK	0	27.06	21.7	5.36			
17	15	39725	2503.5	1	0	5	16-QAM	1	26.39	20.7	5.69			
							64-QAM	2	25.84	19.7	6.14			
							256-QAM	4	23.69	22.7	0.99			
18	15	39725	2503.5	20	0	2	QPSK	0	26.18	24.7	1.48			
							16-QAM	1	25.30	23.7	1.60			
							64-QAM	2	24.35	22.7	1.65			
19	15	39725	2503.5	100	0	4	256-QAM	4	23.30	22.7	0.60			
							QPSK	0	26.13	22.7	3.43			
							16-QAM	1	25.29	21.7	3.59			
20	15	39725	2503.5	75	24	3	64-QAM	2	24.26	20.7	3.56			
							256-QAM	4	23.35	22.7	0.65			
							QPSK	0	26.14	23.7	2.44			
21	15	39725	2503.5	1	77	0	16-QAM	1	25.21	22.7	2.51			
							64-QAM	2	24.30	21.7	2.60			
							256-QAM	4	23.38	22.7	0.68			
22	15	39725	2503.5	1	77	0	QPSK	0	27.09	26.7	0.39			
							16-QAM	1	26.53	25.7	0.83			
							64-QAM	2	25.91	24.7	1.21			
23	15	39725	2503.5	1	77	0	256-QAM	4	23.72	22.7	1.02			
							QPSK	0	27.21	23.7	3.51			
							16-QAM	1	27.05	25.7	1.35			
24	15	39725	2503.5	1	0	3	64-QAM	2	26.22	24.7	1.52			
							256-QAM	4	23.79	22.7	1.09			
							QPSK	0	27.24	26.7	0.54			
25	15	39725	2503.5	1	0	0	16-QAM	1	27.06	25.7	1.36			
							64-QAM	2	26.27	24.7	1.57			
							256-QAM	4	23.91	22.7	1.21			

Table 7-2. A-MPR Conducted Power Measurements

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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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:

$$EIRP = P_{Meas} - LC + GT$$

Where:

EIRP = Equivalent Isotropic Radiated Power (expressed in the same units as P_{Meas} , typically dBW or dBm)

P_{Meas} = 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.

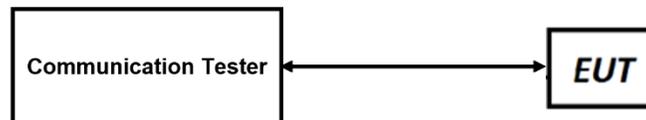


Figure 7-5. EIRP Measurement Setup

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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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.
7. For ULCA, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 GHz and 1 MHz or greater for frequencies greater than 1 GHz.

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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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	1.00	1 / 24	21.86	22.86	0.193	23.98	-1.12
		2310.0	1.00	1 / 24	22.00	23.00	0.200	23.98	-0.98
		2312.5	1.00	1 / 12	21.98	22.98	0.199	23.98	-1.00
	16-QAM	2310.0	1.00	1 / 24	21.26	22.26	0.168	23.98	-1.72
	64-QAM	2307.5	1.00	1 / 0	20.55	21.55	0.143	23.98	-2.43
256-QAM	2312.5	1.00	1 / 24	17.55	18.55	0.072	23.98	-5.43	
10 MHz	QPSK	2310.0	1.00	1 / 49	22.00	23.00	0.200	23.98	-0.98
	16-QAM	2310.0	1.00	1 / 49	21.29	22.29	0.169	23.98	-1.69
	64-QAM	2310.0	1.00	1 / 49	20.58	21.58	0.144	23.98	-2.40
	256-QAM	2310.0	1.00	1 / 49	17.64	18.64	0.073	23.98	-5.34

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

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 164 of 250

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	25.54	26.24	0.421	33.01	-6.77
		2535.0	0.70	1 / 0	25.70	26.40	0.437	33.01	-6.61
		2567.5	0.70	1 / 24	25.52	26.22	0.419	33.01	-6.79
	16-QAM	2502.5	0.70	1 / 0	25.21	25.91	0.390	33.01	-7.10
	64-QAM	2535.0	0.70	1 / 12	24.26	24.96	0.313	33.01	-8.05
	256-QAM	2567.5	0.70	1 / 12	21.19	21.89	0.155	33.01	-11.12
10 MHz	QPSK	2505.0	0.70	1 / 25	25.70	26.40	0.437	33.01	-6.61
		2535.0	0.70	1 / 25	25.57	26.27	0.424	33.01	-6.74
		2565.0	0.70	1 / 25	25.55	26.25	0.422	33.01	-6.76
	16-QAM	2535.0	0.70	1 / 0	25.01	25.71	0.372	33.01	-7.30
	64-QAM	2535.0	0.70	1 / 25	24.38	25.08	0.322	33.01	-7.93
	256-QAM	2505.0	0.70	1 / 25	21.23	21.93	0.156	33.01	-11.08
15 MHz	QPSK	2507.5	0.70	1 / 0	25.70	26.40	0.437	33.01	-6.61
		2535.0	0.70	1 / 0	25.67	26.37	0.434	33.01	-6.64
		2562.5	0.70	1 / 37	25.54	26.24	0.421	33.01	-6.77
	16-QAM	2507.5	0.70	1 / 0	25.30	26.00	0.398	33.01	-7.01
	64-QAM	2535.0	0.70	1 / 0	24.39	25.09	0.323	33.01	-7.92
	256-QAM	2507.5	0.70	1 / 0	21.14	21.84	0.153	33.01	-11.17
20 MHz	QPSK	2510.0	0.70	1 / 50	25.70	26.40	0.437	33.01	-6.61
		2535.0	0.70	1 / 0	25.69	26.39	0.436	33.01	-6.62
		2560.0	0.70	1 / 0	25.65	26.35	0.432	33.01	-6.66
	16-QAM	2535.0	0.70	1 / 0	25.15	25.85	0.385	33.01	-7.16
	64-QAM	2560.0	0.70	1 / 0	24.35	25.05	0.320	33.01	-7.96
	256-QAM	2535.0	0.70	1 / 0	21.24	21.94	0.156	33.01	-11.07

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

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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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	0.40	1 / 0	27.67	28.07	0.641	33.01	-4.94
		2593.0	0.40	1 / 12	27.68	28.08	0.643	33.01	-4.93
		2687.5	0.40	1 / 0	27.70	28.10	0.646	33.01	-4.91
	16-QAM	2593.0	0.40	1 / 0	26.95	27.35	0.543	33.01	-5.66
	64-QAM	2498.5	0.40	1 / 12	26.31	26.71	0.469	33.01	-6.30
256-QAM	2498.5	0.40	1 / 24	22.90	23.30	0.214	33.01	-9.71	
10 MHz	QPSK	2501.0	0.40	1 / 25	27.69	28.09	0.644	33.01	-4.92
		2593.0	0.40	1 / 25	27.54	27.94	0.622	33.01	-5.07
		2685.0	0.40	1 / 49	27.70	28.10	0.646	33.01	-4.91
	16-QAM	2501.0	0.40	1 / 25	27.23	27.63	0.579	33.01	-5.38
	64-QAM	2685.0	0.40	1 / 25	26.27	26.67	0.465	33.01	-6.34
256-QAM	2685.0	0.40	1 / 0	23.02	23.42	0.220	33.01	-9.59	
15 MHz	QPSK	2503.5	0.40	1 / 0	27.70	28.10	0.646	33.01	-4.91
		2593.0	0.40	1 / 0	27.63	28.03	0.635	33.01	-4.98
		2682.5	0.40	1 / 74	27.63	28.03	0.635	33.01	-4.98
	16-QAM	2682.5	0.40	1 / 74	27.14	27.54	0.568	33.01	-5.47
	64-QAM	2503.5	0.40	1 / 37	26.31	26.71	0.469	33.01	-6.30
256-QAM	2503.5	0.40	1 / 74	23.24	23.64	0.231	33.01	-9.37	
20 MHz	QPSK	2506.0	0.40	1 / 99	27.57	27.97	0.627	33.01	-5.04
		2593.0	0.40	1 / 50	27.70	28.10	0.646	33.01	-4.91
		2680.0	0.40	1 / 50	27.70	28.10	0.646	33.01	-4.91
	16-QAM	2680.0	0.40	1 / 0	27.28	27.68	0.586	33.01	-5.33
	64-QAM	2593.0	0.40	1 / 50	26.51	26.91	0.491	33.01	-6.10
256-QAM	2593.0	0.40	1 / 50	23.37	23.77	0.238	33.01	-9.24	

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

FCC ID: BCGA2568	 PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 166 of 250

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	0.40	1 / 24	25.69	26.09	0.406	33.01	-6.92
		2593.0	0.40	1 / 12	25.70	26.10	0.407	33.01	-6.91
		2687.5	0.40	1 / 0	25.64	26.04	0.402	33.01	-6.97
	16-QAM	2593.0	0.40	1 / 12	24.96	25.36	0.344	33.01	-7.65
	64-QAM	2593.0	0.40	1 / 0	23.99	24.39	0.275	33.01	-8.62
	256-QAM	2687.5	0.40	1 / 12	21.17	21.57	0.144	33.01	-11.44
10 MHz	QPSK	2501.0	0.40	1 / 25	25.66	26.06	0.404	33.01	-6.95
		2593.0	0.40	1 / 25	25.70	26.10	0.407	33.01	-6.91
		2685.0	0.40	1 / 0	25.67	26.07	0.405	33.01	-6.94
	16-QAM	2593.0	0.40	1 / 49	24.95	25.35	0.343	33.01	-7.66
	64-QAM	2685.0	0.40	1 / 25	23.64	24.04	0.254	33.01	-8.97
	256-QAM	2685.0	0.40	1 / 0	21.15	21.55	0.143	33.01	-11.46
15 MHz	QPSK	2503.5	0.40	1 / 0	25.58	25.98	0.396	33.01	-7.03
		2593.0	0.40	1 / 74	25.62	26.02	0.400	33.01	-6.99
		2682.5	0.40	1 / 0	25.70	26.10	0.407	33.01	-6.91
	16-QAM	2682.5	0.40	1 / 74	24.80	25.20	0.331	33.01	-7.81
	64-QAM	2682.5	0.40	1 / 74	23.69	24.09	0.256	33.01	-8.92
256-QAM	2682.5	0.40	1 / 0	21.15	21.55	0.143	33.01	-11.46	
20 MHz	QPSK	2506.0	0.40	1 / 0	25.56	25.96	0.394	33.01	-7.05
		2593.0	0.40	1 / 50	25.63	26.03	0.401	33.01	-6.98
		2680.0	0.40	1 / 50	25.70	26.10	0.407	33.01	-6.91
	16-QAM	2593.0	0.40	1 / 50	24.92	25.32	0.340	33.01	-7.69
	64-QAM	2680.0	0.40	1 / 0	23.50	23.90	0.245	33.01	-9.11
256-QAM	2680.0	0.40	1 / 99	21.20	21.60	0.145	33.01	-11.41	

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

FCC ID: BCGA2568	 PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 167 of 250

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	π/2 BPSK	2307.5	1.00	1 / 23	21.20	22.20	0.166	23.98	-1.78
		2310.0	1.00	1 / 23	21.20	22.20	0.166	23.98	-1.78
		2312.5	1.00	1 / 12	21.04	22.04	0.160	23.98	-1.94
	QPSK	2307.5	1.00	1 / 12	21.12	22.12	0.163	23.98	-1.86
		2310.0	1.00	1 / 23	21.20	22.20	0.166	23.98	-1.78
		2312.5	1.00	1 / 23	21.05	22.05	0.160	23.98	-1.92
	16-QAM	2307.5	1.00	1 / 23	20.94	21.94	0.156	23.98	-2.04
64-QAM	2307.5	1.00	1 / 23	20.21	21.21	0.132	23.98	-2.77	
256-QAM	2307.5	1.00	1 / 23	17.41	18.41	0.069	23.98	-5.57	
10 MHz	π/2 BPSK	2310.0	1.00	1 / 26	21.20	22.20	0.166	23.98	-1.78
	QPSK	2310.0	1.00	1 / 50	21.20	22.20	0.166	23.98	-1.78
	16-QAM	2310.0	1.00	1 / 1	20.63	21.63	0.146	23.98	-2.35
	64-QAM	2310.0	1.00	1 / 50	20.12	21.12	0.129	23.98	-2.86
	256-QAM	2310.0	1.00	1 / 26	17.48	18.48	0.070	23.98	-5.50

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

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 168 of 250

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	0.70	1 / 12	25.64	26.34	0.431	33.01	-6.67	
		2535.0	0.70	1 / 23	25.40	26.10	0.407	33.01	-6.91	
		2567.5	0.70	1 / 12	25.70	26.40	0.437	33.01	-6.61	
	QPSK	2502.5	0.70	1 / 12	25.38	26.08	0.406	33.01	-6.93	
		2535.0	0.70	1 / 1	25.58	26.28	0.425	33.01	-6.73	
		2567.5	0.70	1 / 1	25.48	26.18	0.415	33.01	-6.83	
		16-QAM	2567.5	0.70	1 / 12	24.79	25.49	0.354	33.01	-7.52
		64-QAM	2567.5	0.70	1 / 12	24.09	24.79	0.301	33.01	-8.22
256-QAM	2535.0	0.70	1 / 12	22.08	22.78	0.190	33.01	-10.23		
10 MHz	π/2 BPSK	2505.0	0.70	1 / 26	25.70	26.40	0.437	33.01	-6.61	
		2535.0	0.70	1 / 26	25.58	26.28	0.425	33.01	-6.73	
		2565.0	0.70	1 / 1	25.20	25.90	0.389	33.01	-7.11	
	QPSK	2505.0	0.70	1 / 50	25.60	26.30	0.426	33.01	-6.71	
		2535.0	0.70	1 / 1	25.58	26.28	0.424	33.01	-6.73	
		2565.0	0.70	1 / 50	25.36	26.06	0.404	33.01	-6.95	
		16-QAM	2565.0	0.70	1 / 26	24.53	25.23	0.333	33.01	-7.78
		64-QAM	2535.0	0.70	1 / 1	23.88	24.58	0.287	33.01	-8.43
256-QAM	2535.0	0.70	1 / 1	21.81	22.51	0.178	33.01	-10.50		
15 MHz	π/2 BPSK	2507.5	0.70	1 / 1	25.39	26.09	0.407	33.01	-6.92	
		2535.0	0.70	1 / 37	25.37	26.07	0.405	33.01	-6.94	
		2562.5	0.70	1 / 37	25.16	25.86	0.385	33.01	-7.15	
	QPSK	2507.5	0.70	1 / 1	25.29	25.99	0.397	33.01	-7.02	
		2535.0	0.70	1 / 37	25.42	26.12	0.409	33.01	-6.89	
		2562.5	0.70	1 / 1	25.70	26.40	0.437	33.01	-6.61	
		16-QAM	2507.5	0.70	1 / 37	24.38	25.08	0.322	33.01	-7.93
		64-QAM	2535.0	0.70	1 / 37	23.89	24.59	0.288	33.01	-8.42
256-QAM	2535.0	0.70	1 / 37	21.86	22.56	0.181	33.01	-10.45		
20 MHz	π/2 BPSK	2510.0	0.70	1 / 53	25.70	26.40	0.437	33.01	-6.61	
		2535.0	0.70	1 / 1	25.26	25.96	0.395	33.01	-7.05	
		2560.0	0.70	1 / 53	25.28	25.98	0.397	33.01	-7.03	
	QPSK	2510.0	0.70	1 / 53	25.40	26.10	0.407	33.01	-6.91	
		2535.0	0.70	1 / 53	25.57	26.27	0.424	33.01	-6.74	
		2560.0	0.70	1 / 53	25.37	26.07	0.405	33.01	-6.94	
		16-QAM	2535.0	0.70	1 / 53	24.45	25.15	0.327	33.01	-7.86
		64-QAM	2535.0	0.70	1 / 53	23.84	24.54	0.284	33.01	-8.47
256-QAM	2535.0	0.70	1 / 53	21.85	22.55	0.180	33.01	-10.46		
25 MHz	π/2 BPSK	2512.5	0.70	1 / 1	23.57	24.27	0.267	33.01	-8.74	
		2535.0	0.70	1 / 1	23.44	24.14	0.260	33.01	-8.87	
		2567.5	0.70	1 / 66	23.65	24.35	0.272	33.01	-8.66	
	QPSK	2512.5	0.70	1 / 1	23.70	24.40	0.275	33.01	-8.61	
		2535.0	0.70	1 / 131	23.65	24.35	0.272	33.01	-8.66	
		2567.5	0.70	1 / 131	23.54	24.24	0.265	33.01	-8.77	
		16-QAM	2535.0	0.70	1 / 66	22.52	23.22	0.210	33.01	-9.79
		64-QAM	2535.0	0.70	1 / 66	21.84	22.54	0.179	33.01	-10.47
256-QAM	2535.0	0.70	1 / 66	19.86	20.56	0.114	33.01	-12.45		
30 MHz	π/2 BPSK	2515.0	0.70	1 / 80	23.70	24.40	0.275	33.01	-8.61	
		2535.0	0.70	1 / 1	23.30	24.00	0.251	33.01	-9.01	
		2555.0	0.70	1 / 1	23.50	24.20	0.263	33.01	-8.81	
	QPSK	2515.0	0.70	1 / 80	23.65	24.35	0.273	33.01	-8.66	
		2535.0	0.70	1 / 80	23.38	24.08	0.256	33.01	-8.93	
		2555.0	0.70	1 / 158	23.57	24.27	0.267	33.01	-8.75	
		16-QAM	2555.0	0.70	1 / 80	22.69	23.39	0.218	33.01	-9.62
		64-QAM	2515.0	0.70	1 / 80	21.79	22.49	0.178	33.01	-10.52
256-QAM	2535.0	0.70	1 / 80	19.80	20.50	0.112	33.01	-12.51		
40 MHz	π/2 BPSK	2520.0	0.70	1 / 1	23.28	23.98	0.250	33.01	-9.03	
		2535.0	0.70	1 / 108	23.61	24.31	0.270	33.01	-8.70	
		2550.0	0.70	1 / 1	23.39	24.09	0.256	33.01	-8.92	
	QPSK	2520.0	0.70	1 / 1	23.69	24.39	0.275	33.01	-8.62	
		2535.0	0.70	1 / 1	23.43	24.13	0.259	33.01	-8.88	
		2550.0	0.70	1 / 214	23.70	24.40	0.275	33.01	-8.61	
		16-QAM	2550.0	0.70	1 / 108	22.71	23.41	0.219	33.01	-9.60
		64-QAM	2550.0	0.70	1 / 1	21.83	22.53	0.179	33.01	-10.48
256-QAM	2550.0	0.70	1 / 1	19.79	20.49	0.112	33.01	-12.52		

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

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 169 of 250	

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]
20 MHz	π/2 BPSK	2506.0	0.40	1 / 49	25.62	26.02	0.400	33.01	-6.99
		2593.0	0.40	1 / 49	25.68	26.08	0.406	33.01	-6.93
		2680.0	0.40	1 / 1	25.58	25.98	0.397	33.01	-7.03
	QPSK	2506.0	0.40	1 / 25	25.30	25.70	0.372	33.01	-7.31
		2593.0	0.40	1 / 49	25.62	26.02	0.400	33.01	-6.99
		2680.0	0.40	1 / 49	25.70	26.10	0.407	33.01	-6.91
		2593.0	0.40	1 / 49	24.59	24.99	0.316	33.01	-8.02
16-QAM	2593.0	0.40	1 / 49	23.28	23.68	0.233	33.01	-9.33	
64-QAM	2680.0	0.40	1 / 1	21.12	21.52	0.142	33.01	-11.49	
256-QAM	2680.0	0.40	1 / 1	21.12	21.52	0.142	33.01	-11.49	
30 MHz	π/2 BPSK	2511.0	0.40	1 / 53	20.34	20.74	0.119	33.01	-12.27
		2593.0	0.40	1 / 53	25.70	26.10	0.407	33.01	-6.91
		2675.0	0.40	1 / 53	25.46	25.86	0.385	33.01	-7.15
	QPSK	2511.0	0.40	1 / 1	25.66	26.06	0.404	33.01	-6.95
		2593.0	0.40	1 / 1	25.67	26.07	0.405	33.01	-6.94
		2675.0	0.40	1 / 1	25.13	25.53	0.357	33.01	-7.48
		2593.0	0.40	1 / 104	24.31	24.71	0.296	33.01	-8.30
	16-QAM	2593.0	0.40	1 / 104	23.41	23.81	0.240	33.01	-9.21
	64-QAM	2511.0	0.40	1 / 53	23.41	23.81	0.240	33.01	-9.20
	256-QAM	2675.0	0.40	1 / 1	21.76	22.16	0.164	33.01	-10.85
40 MHz	π/2 BPSK	2516.0	0.40	1 / 104	25.59	25.99	0.397	33.01	-7.02
		2593.0	0.40	1 / 1	25.70	26.10	0.407	33.01	-6.91
		2670.0	0.40	1 / 104	25.52	25.92	0.391	33.01	-7.09
	QPSK	2516.0	0.40	1 / 53	25.16	25.56	0.360	33.01	-7.45
		2593.0	0.40	1 / 1	25.52	25.92	0.391	33.01	-7.09
		2670.0	0.40	1 / 53	25.25	25.65	0.367	33.01	-7.36
		2670.0	0.40	1 / 53	24.50	24.90	0.309	33.01	-8.11
	16-QAM	2670.0	0.40	1 / 53	23.23	23.63	0.231	33.01	-9.38
64-QAM	2593.0	0.40	1 / 104	23.23	23.63	0.231	33.01	-9.38	
256-QAM	2670.0	0.40	1 / 104	21.34	21.74	0.149	33.01	-11.27	
50 MHz	π/2 BPSK	2521.0	0.40	1 / 66	25.50	25.90	0.389	33.01	-7.11
		2593.0	0.40	1 / 1	25.59	25.99	0.397	33.01	-7.02
		2665.0	0.40	1 / 131	25.70	26.10	0.407	33.01	-6.91
	QPSK	2521.0	0.40	1 / 131	25.66	26.06	0.404	33.01	-6.95
		2593.0	0.40	1 / 131	25.67	26.07	0.405	33.01	-6.94
		2665.0	0.40	1 / 66	25.16	25.56	0.360	33.01	-7.45
		2665.0	0.40	1 / 66	25.16	25.56	0.360	33.01	-7.45
	16-QAM	2593.0	0.40	1 / 131	24.70	25.10	0.323	33.01	-7.91
64-QAM	2521.0	0.40	1 / 131	23.50	23.90	0.246	33.01	-9.11	
256-QAM	2665.0	0.40	1 / 131	21.15	21.55	0.143	33.01	-11.46	
60 MHz	π/2 BPSK	2526.0	0.40	1 / 81	25.49	25.89	0.389	33.01	-7.12
		2593.0	0.40	1 / 81	25.56	25.96	0.395	33.01	-7.05
		2660.0	0.40	1 / 81	25.49	25.89	0.388	33.01	-7.12
	QPSK	2526.0	0.40	1 / 160	25.70	26.10	0.407	33.01	-6.91
		2593.0	0.40	1 / 81	25.65	26.05	0.403	33.01	-6.96
		2660.0	0.40	1 / 160	25.60	26.00	0.398	33.01	-7.01
		2593.0	0.40	1 / 81	24.31	24.71	0.296	33.01	-8.30
	16-QAM	2593.0	0.40	1 / 81	24.31	24.71	0.296	33.01	-8.30
64-QAM	2660.0	0.40	1 / 160	23.40	23.80	0.240	33.01	-9.21	
256-QAM	2660.0	0.40	1 / 160	21.76	22.16	0.164	33.01	-10.85	
80 MHz	π/2 BPSK	2536.0	0.40	1 / 215	25.45	25.85	0.385	33.01	-7.16
		2593.0	0.40	1 / 215	25.67	26.07	0.405	33.01	-6.94
		2650.0	0.40	1 / 215	25.61	26.01	0.399	33.01	-7.00
	QPSK	2536.0	0.40	1 / 108	25.51	25.91	0.390	33.01	-7.10
		2593.0	0.40	1 / 108	25.70	26.10	0.407	33.01	-6.91
		2650.0	0.40	1 / 108	25.57	25.97	0.395	33.01	-7.04
		2650.0	0.40	1 / 108	24.51	24.91	0.310	33.01	-8.10
	16-QAM	2650.0	0.40	1 / 108	23.41	23.81	0.240	33.01	-9.20
64-QAM	2536.0	0.40	1 / 108	23.41	23.81	0.240	33.01	-9.20	
256-QAM	2536.0	0.40	1 / 215	21.38	21.78	0.151	33.01	-11.23	
90 MHz	π/2 BPSK	2541.0	0.40	1 / 243	25.39	25.79	0.380	33.01	-7.22
		2593.0	0.40	1 / 122	25.65	26.05	0.403	33.01	-6.96
		2645.0	0.40	1 / 243	25.62	26.02	0.400	33.01	-6.99
	QPSK	2541.0	0.40	1 / 243	25.70	26.10	0.407	33.01	-6.91
		2593.0	0.40	1 / 122	25.48	25.88	0.387	33.01	-7.13
		2645.0	0.40	1 / 1	25.63	26.03	0.401	33.01	-6.98
		2593.0	0.40	1 / 122	24.61	25.01	0.317	33.01	-8.00
	16-QAM	2593.0	0.40	1 / 122	24.61	25.01	0.317	33.01	-8.00
64-QAM	2645.0	0.40	1 / 1	23.31	23.71	0.235	33.01	-9.30	
256-QAM	2593.0	0.40	1 / 122	21.39	21.79	0.151	33.01	-11.22	
100 MHz	π/2 BPSK	2546.0	0.40	1 / 271	25.45	25.85	0.385	33.01	-7.16
		2593.0	0.40	1 / 271	25.29	25.69	0.371	33.01	-7.32
		2640.0	0.40	1 / 271	25.70	26.10	0.407	33.01	-6.91
	QPSK	2546.0	0.40	1 / 136	25.56	25.96	0.394	33.01	-7.05
		2593.0	0.40	1 / 136	25.14	25.54	0.358	33.01	-7.47
		2640.0	0.40	1 / 136	25.53	25.93	0.392	33.01	-7.08
		2640.0	0.40	1 / 136	24.32	24.72	0.296	33.01	-8.29
	16-QAM	2640.0	0.40	1 / 136	23.06	23.46	0.222	33.01	-9.55
64-QAM	2640.0	0.40	1 / 136	23.06	23.46	0.222	33.01	-9.55	
256-QAM	2640.0	0.40	1 / 136	21.08	21.48	0.141	33.01	-11.53	

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

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device
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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]
20 MHz	π/2 BPSK	2506.0	0.40	1 / 25	24.74	25.14	0.327	33.01	-7.87
		2593.0	0.40	1 / 25	25.10	25.50	0.355	33.01	-7.51
		2680.0	0.40	1 / 49	25.22	25.62	0.365	33.01	-7.39
	QPSK	2506.0	0.40	1 / 49	25.15	25.55	0.359	33.01	-7.46
		2593.0	0.40	1 / 25	25.25	25.65	0.367	33.01	-7.36
		2680.0	0.40	1 / 25	25.24	25.64	0.366	33.01	-7.37
	16-QAM	2680.0	0.40	1 / 1	24.51	24.91	0.310	33.01	-8.10
	64-QAM	2593.0	0.40	1 / 49	22.85	23.25	0.211	33.01	-9.76
	256-QAM	2506.0	0.40	1 / 49	20.94	21.34	0.136	33.01	-11.67
30 MHz	π/2 BPSK	2511.0	0.40	1 / 1	24.73	25.13	0.326	33.01	-7.88
		2593.0	0.40	1 / 1	25.19	25.59	0.363	33.01	-7.42
		2675.0	0.40	1 / 1	25.03	25.43	0.349	33.01	-7.59
	QPSK	2511.0	0.40	1 / 1	23.67	24.07	0.255	33.01	-8.94
		2593.0	0.40	1 / 1	24.09	24.49	0.281	33.01	-8.52
		2675.0	0.40	1 / 1	24.09	24.49	0.281	33.01	-8.52
	16-QAM	2593.0	0.40	1 / 104	24.31	24.71	0.296	33.01	-8.30
	64-QAM	2511.0	0.40	1 / 104	22.88	23.28	0.213	33.01	-9.73
	256-QAM	2511.0	0.40	1 / 104	20.77	21.17	0.131	33.01	-11.84
40 MHz	π/2 BPSK	2516.0	0.40	1 / 104	24.80	25.20	0.331	33.01	-7.81
		2593.0	0.40	1 / 1	25.45	25.85	0.384	33.01	-7.16
		2670.0	0.40	1 / 104	25.30	25.70	0.371	33.01	-7.31
	QPSK	2516.0	0.40	1 / 104	24.82	25.22	0.333	33.01	-7.79
		2593.0	0.40	1 / 104	25.26	25.66	0.368	33.01	-7.35
		2670.0	0.40	1 / 104	25.70	26.10	0.407	33.01	-6.91
	16-QAM	2593.0	0.40	1 / 104	24.74	25.14	0.327	33.01	-7.87
	64-QAM	2593.0	0.40	1 / 104	23.12	23.52	0.225	33.01	-9.49
	256-QAM	2593.0	0.40	1 / 104	20.69	21.09	0.129	33.01	-11.92
50 MHz	π/2 BPSK	2521.0	0.40	1 / 131	25.07	25.47	0.352	33.01	-7.54
		2593.0	0.40	1 / 66	25.03	25.43	0.349	33.01	-7.58
		2665.0	0.40	1 / 1	25.17	25.57	0.361	33.01	-7.44
	QPSK	2521.0	0.40	1 / 131	24.83	25.23	0.334	33.01	-7.78
		2593.0	0.40	1 / 131	24.99	25.39	0.346	33.01	-7.62
		2665.0	0.40	1 / 1	25.03	25.43	0.349	33.01	-7.58
	16-QAM	2665.0	0.40	1 / 1	24.47	24.87	0.307	33.01	-8.14
	64-QAM	2665.0	0.40	1 / 131	23.19	23.59	0.228	33.01	-9.42
	256-QAM	2593.0	0.40	1 / 1	20.77	21.17	0.131	33.01	-11.84
60 MHz	π/2 BPSK	2526.0	0.40	1 / 81	24.79	25.19	0.330	33.01	-7.82
		2593.0	0.40	1 / 81	25.23	25.63	0.365	33.01	-7.38
		2660.0	0.40	1 / 160	25.25	25.65	0.367	33.01	-7.36
	QPSK	2526.0	0.40	1 / 160	24.76	25.16	0.328	33.01	-7.85
		2593.0	0.40	1 / 81	25.19	25.59	0.363	33.01	-7.42
		2660.0	0.40	1 / 160	25.16	25.56	0.360	33.01	-7.45
	16-QAM	2526.0	0.40	1 / 160	24.44	24.84	0.305	33.01	-8.17
	64-QAM	2593.0	0.40	1 / 160	22.90	23.30	0.214	33.01	-9.71
	256-QAM	2660.0	0.40	1 / 160	20.85	21.25	0.133	33.01	-11.76
80 MHz	π/2 BPSK	2536.0	0.40	1 / 215	25.25	25.65	0.368	33.01	-7.36
		2593.0	0.40	1 / 108	25.18	25.58	0.361	33.01	-7.43
		2650.0	0.40	1 / 1	25.12	25.52	0.357	33.01	-7.49
	QPSK	2536.0	0.40	1 / 215	24.60	25.00	0.316	33.01	-8.01
		2593.0	0.40	1 / 215	24.98	25.38	0.345	33.01	-7.63
		2650.0	0.40	1 / 108	24.93	25.33	0.341	33.01	-7.68
	16-QAM	2650.0	0.40	1 / 108	24.53	24.93	0.311	33.01	-8.08
	64-QAM	2593.0	0.40	1 / 215	23.06	23.46	0.222	33.01	-9.55
	256-QAM	2650.0	0.40	1 / 1	20.53	20.93	0.124	33.01	-12.08
90 MHz	π/2 BPSK	2541.0	0.40	1 / 243	24.96	25.36	0.344	33.01	-7.65
		2593.0	0.40	1 / 122	25.10	25.50	0.355	33.01	-7.51
		2645.0	0.40	1 / 243	25.26	25.66	0.369	33.01	-7.36
	QPSK	2541.0	0.40	1 / 243	25.17	25.57	0.361	33.01	-7.44
		2593.0	0.40	1 / 243	25.08	25.48	0.353	33.01	-7.53
		2645.0	0.40	1 / 243	25.25	25.65	0.367	33.01	-7.36
	16-QAM	2593.0	0.40	1 / 243	24.31	24.71	0.296	33.01	-8.30
	64-QAM	2645.0	0.40	1 / 1	23.03	23.43	0.220	33.01	-9.58
	256-QAM	2593.0	0.40	1 / 122	20.98	21.38	0.137	33.01	-11.63
100 MHz	π/2 BPSK	2546.0	0.40	1 / 136	25.10	25.50	0.355	33.01	-7.51
		2593.0	0.40	1 / 271	25.17	25.57	0.360	33.01	-7.44
		2640.0	0.40	1 / 1	25.25	25.65	0.367	33.01	-7.36
	QPSK	2546.0	0.40	1 / 271	24.95	25.35	0.342	33.01	-7.67
		2593.0	0.40	1 / 136	25.24	25.64	0.366	33.01	-7.37
		2640.0	0.40	1 / 271	24.98	25.38	0.345	33.01	-7.63
	16-QAM	2593.0	0.40	1 / 271	24.31	24.71	0.296	33.01	-8.30
	64-QAM	2546.0	0.40	1 / 271	23.10	23.50	0.224	33.01	-9.51
	256-QAM	2640.0	0.40	1 / 1	20.84	21.24	0.133	33.01	-11.77

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

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 171 of 250

ULCA - 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	25.54	0.70	26.24	0.421	33.01	-6.77
				21100	2535.0	1	99		21298	2554.8	1	0	25.65	0.70	26.35	0.432	33.01	-6.66
			QPSK	21350	2560.0	1	0	QPSK	21152	2540.2	1	99	25.7	0.70	26.40	0.437	33.01	-6.61
				21350	2560	100	0		21152	2540.2	100	0	23.5	0.70	24.20	0.263	33.01	-8.81
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	22.46	0.70	23.16	0.207	33.01	-9.85
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	21.45	0.70	22.15	0.164	33.01	-10.86
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	20.37	0.70	21.07	0.128	33.01	-11.94

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

ULCA - 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	27.81	0.40	28.21	0.662	33.01	-4.80
				40620	2593.0	1	99		40818	2612.8	1	0	29	0.40	28.40	0.692	33.01	-4.61
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	27.88	0.40	28.28	0.673	33.01	-4.73
				40620	2593	100	0		40818	2612.8	100	0	26.08	0.40	26.48	0.445	33.01	-6.53
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.03	0.40	25.43	0.349	33.01	-7.58
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	23.97	0.40	24.37	0.274	33.01	-8.64
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	23.08	0.40	23.48	0.223	33.01	-9.53

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

ULCA - 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	25.7	0.40	26.10	0.407	33.01	-6.91
				40620	2593.0	1	99		40818	2612.8	1	0	25.5	0.40	25.90	0.389	33.01	-7.11
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	25.65	0.40	26.05	0.403	33.01	-6.96
				39750	2506	100	0		39948	2525.8	100	0	23.87	0.40	24.27	0.267	33.01	-8.74
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	22.87	0.40	23.27	0.212	33.01	-9.74
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	21.87	0.40	22.27	0.169	33.01	-10.74
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	20.84	0.40	21.24	0.133	33.01	-11.77

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

FCC ID: BCGA2568		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
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7.6.2 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	-2.60	1 / 24	22.68	20.08	0.102	23.98	-3.90
		2310.0	-2.60	1 / 0	22.67	20.07	0.102	23.98	-3.91
		2312.5	-2.60	1 / 24	22.70	20.10	0.102	23.98	-3.88
	16-QAM	2310.0	-2.60	1 / 24	22.32	19.72	0.094	23.98	-4.26
	64-QAM	2307.5	-2.60	1 / 0	21.32	18.72	0.074	23.98	-5.26
10 MHz	256-QAM	2310.0	-2.60	1 / 24	18.18	15.58	0.036	23.98	-8.40
	QPSK	2310.0	-2.60	1 / 49	22.70	20.10	0.102	23.98	-3.88
	16-QAM	2310.0	-2.60	1 / 49	22.10	19.50	0.089	23.98	-4.48
	64-QAM	2310.0	-2.60	1 / 49	20.69	18.09	0.064	23.98	-5.89
	256-QAM	2310.0	-2.60	1 / 49	18.10	15.50	0.035	23.98	-8.48

Table 7-14. Antenna 1b EIRP Data (LTE Band 30)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 173 of 250

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 / 0	22.69	19.89	0.097	33.01	-13.12
		2535.0	-2.80	1 / 12	22.70	19.90	0.098	33.01	-13.11
		2567.5	-2.80	1 / 24	22.70	19.90	0.098	33.01	-13.11
	16-QAM	2502.5	-2.80	1 / 0	22.33	19.53	0.090	33.01	-13.48
	64-QAM	2535.0	-2.80	1 / 12	21.46	18.66	0.073	33.01	-14.35
256-QAM	2567.5	-2.80	1 / 12	18.30	15.50	0.035	33.01	-17.51	
10 MHz	QPSK	2505.0	-2.80	1 / 49	22.70	19.90	0.098	33.01	-13.11
		2535.0	-2.80	1 / 25	22.55	19.75	0.094	33.01	-13.26
		2565.0	-2.80	1 / 49	22.53	19.73	0.094	33.01	-13.28
	16-QAM	2535.0	-2.80	1 / 0	22.00	19.20	0.083	33.01	-13.81
	64-QAM	2535.0	-2.80	1 / 25	21.43	18.63	0.073	33.01	-14.38
256-QAM	2505.0	-2.80	1 / 49	18.13	15.33	0.034	33.01	-17.68	
15 MHz	QPSK	2507.5	-2.80	1 / 0	22.70	19.90	0.098	33.01	-13.11
		2535.0	-2.80	1 / 0	22.63	19.83	0.096	33.01	-13.18
		2562.5	-2.80	1 / 74	22.69	19.89	0.097	33.01	-13.12
	16-QAM	2507.5	-2.80	1 / 0	22.30	19.50	0.089	33.01	-13.51
	64-QAM	2535.0	-2.80	1 / 0	21.44	18.64	0.073	33.01	-14.37
256-QAM	2507.5	-2.80	1 / 0	17.97	15.17	0.033	33.01	-17.84	
20 MHz	QPSK	2510.0	-2.80	1 / 0	22.70	19.90	0.098	33.01	-13.11
		2535.0	-2.80	1 / 0	22.62	19.82	0.096	33.01	-13.19
		2560.0	-2.80	1 / 0	22.46	19.66	0.092	33.01	-13.35
	16-QAM	2535.0	-2.80	1 / 99	22.07	19.27	0.085	33.01	-13.74
	64-QAM	2560.0	-2.80	1 / 0	21.20	18.40	0.069	33.01	-14.61
256-QAM	2510.0	-2.80	1 / 0	18.02	15.22	0.033	33.01	-17.79	

Table 7-15. Antenna 1b EIRP Data (LTE Band 7)

FCC ID: BCGA2568	 PCTEST Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 174 of 250