

Plot 7-196. Conducted Spurious Plot (WCDMA Ch. 1413- Mid Channel)



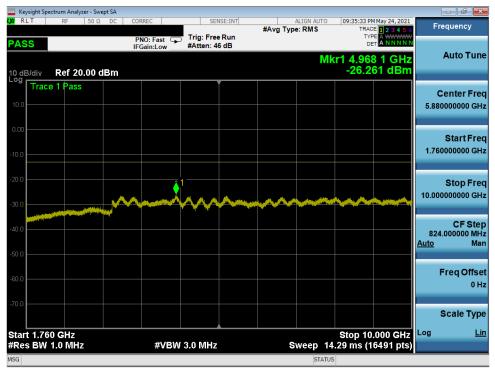
Plot 7-197. Conducted Spurious Plot (WCDMA Ch. 1413- Mid Channel)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|----------------------|---------------------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 120 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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| | ctrum Analyzer | | | | | | | | | _ | |
|-----------------------|--|-------|--|-------------------------|--|-------------------------------------|----------------------------|-----------------------------|-----------------------|-------------|---------------------------|
| L <mark>XI</mark> RLT | RF 5 | 0Ω DC | CORREC | SEI | ISE:INT | #Avg Typ | ALIGN AUTO | | May 24, 2021 | Fn | equency |
| PASS | | | PNO: Fast C IFGain:Low | Trig: Free Atten: 30 | | • / | M | TYF DE | 2 5 GHz 35 dBm | | Auto Tune |
| 10 dB/div Log | Ref 20.0 | 0 dBm | | | | | | -50. | 35 dBm | | |
| 10.0 Trace | e 1 Pass | | | | | | | | | | enter Freq .000000 MHz |
| 0.00 | | | | | | | | | | | |
| -10.0 | | | | | | | | | | 30 | Start Freq .000000 MHz |
| -20.0 | | | | | | | | | | 1.710 | Stop Freq |
| -30.0 | | | | | | | | | | | CF Step .000000 MHz |
| -50.0 | | | | | | | a sum ter statistickerstel | A. 647./01.001.01.001.01.00 | | <u>Auto</u> | Man |
| -60.0 | ************************************** | | **###~#**############################# | | ************************************** | en ander for any findly with marrie | | | | ŀ | Freq Offset 0 Hz |
| -70.0 | | | | | | | | | | | Scale Type |
| Start 0.03 #Res BW | | | #VB | W 3.0 MHz | | | Sween_2 | Stop 1.7 | 7100 GHz 3361 pts) | Log | <u>Lin</u> |
| MSG | 110-11112 | | | | | | STATUS | | oorr pro/ | | |

Plot 7-198. Conducted Spurious Plot (WCDMA Ch. 1513- High Channel)



Plot 7-199. Conducted Spurious Plot (WCDMA Ch. 1513- High Channel)

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|---------------------|--|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 121 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 121 01 301 | |
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| Keysight Spectrum Analyzer - Swept S | 5A | | | | - 5 💌 |
|--------------------------------------|---------------------------|--------------------------------|------------------------------|---|------------------------------|
| X/RLT RF 50ΩD | C CORREC | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 09:36:31 PM May 24, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | PNO: Fast 😱 IFGain:Low | Trig: Free Run Atten: 10 dB | • // | TYPE A WWWW DET A NNNNN | |
| 10 dB/div Ref 0.00 dBm | 1 | | Mk | r1 19.547 5 GHz -60.060 dBm | Auto Tune |
| Trace 1 Pass | | Ĭ | | | Center Freq |
| -10.0 | | | | | 15.00000000 GHz |
| -20.0 | | | | | |
| -20.0 | | | | | Start Freq |
| -30.0 | | | | | 10.00000000 GHz |
| -40.0 | | | | | |
| -40.0 | | | | | Stop Freq 20.00000000 GHz |
| -50.0 | | | | | |
| -60.0 | | | | ♦ ¹ | CF Step |
| | | | | | 1.000000000 GHz Auto Man |
| -70.0 | | | | | |
| -80.0 | | | | | Freq Offset |
| | | | | | 0 Hz |
| -90.0 | | | | | Scale Type |
| | | | | | |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW : | 3.0 MHz | Sweep 1 | Stop 20.000 GHz 7.33 ms (20001 pts) | Log <u>Lin</u> |
| MSG | | | STATU | | |

Plot 7-200. Conducted Spurious Plot (WCDMA Ch. 1513- High Channel)

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|---------------------|---|---------------------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 122 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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Uplink CA LTE Band 66B/C



Plot 7-201. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – Low Channel)



Plot 7-202. Conducted Spurious Plot (ULCA LTE Band 66 - (20+20)MHz QPSK - Low Channel)

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|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 123 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 123 01 301 |
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| | ectrum Analyzer | | | | | | | | | | | | _ | - ē 💌 |
|-----------------------|-----------------|--------|------|------------------|------------|-------------------------|------------|------|-----------------------|------|---------------------|--|-----------------------|------------------------------------|
| L <mark>XI</mark> RL | RF | 50 Ω A | C CO | RREC | | SEI | NSE:INT SO | | ALIGN AU Type: RMS | то | | 1 Apr 27, 2021 | Fred | uency |
| PASS | | | | NO: Fa Gain:L | st 🖵 ow | Trig: Free Atten: 10 | | #Avg | iype: Rivis | | TYF | E 1 2 3 4 5 6 E A WWWW T A N N N N N | | |
| 10 dB/div Log | Ref 0.00 | dBm | | | | | | | N | lkr1 | 18.30 -60.2 | 9 0 GHz 79 dBm | A | uto Tune |
| -10.0 | e 1 Pass | | | | | | | | | | | | | nter Freq 00000 GHz |
| -20.0 | | | | | | | | | | | | | | Start Freq 00000 GHz |
| -40.0 | | | | | | | | | | | | | | Stop Freq 00000 GHz |
| -60.0 | | | | | | | | | | | | | 1.0000 <u>Auto</u> | CF Step 00000 GHz Man |
| -80.0 | | | | | | | | | | | | | Fr | e q Offset 0 Hz |
| -90.0 | | | | | | | | | | | | | | cale Type |
| Start 10.0 #Res BW | | | | # | VBW | 3.0 MHz | | | Sweep | 25. | Stop 20 33 ms (2 | .000 GHz 0001 pts) | Log | Lin |
| MSG | | | | | | | | | ST | ATUS | | | | |

Plot 7-203. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – Low Channel)

| Keysight Spectrum Analyzer - Swept SA R L RF 50 Ω AC | CORREC SENSE:INT S | | 12:48:05 AM Apr 27, 2021 | Frequency |
|--|---|----------------|---|---|
| ASS | PNO: Fast Trig: Free Run IFGain:Low Atten: 30 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE A WWWW DET A N N N N | Trequency |
| dB/div Ref 20.00 dBm | | Mkr | 1 1.709 5 GHz -29.40 dBm | Auto Tur |
| Deg Trace 1 Pass | | | | Center Fre 870.000000 Mi |
| 0.0 | | | | Start Fre 30.000000 Mi |
| 0.0 | | | 1 | Stop Fr 1.710000000 G |
| 0.0 | | | | CF Ste 168.000000 Mi <u>Auto</u> Mi |
| 0.0 | | | | Freq Offs 0 |
| 0.0 | | | | Scale Typ |
| tart 0.0300 GHz Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep 2.2 | Stop 1.7100 GHz 240 ms (3361 pts) | Log <u>L</u> |

Plot 7-204. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – Mid Channel)

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| Test Report S/N: | Test Dates: | EUT Type: | Dega 124 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 124 of 301 | |
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| | ectrum Analyze | | | | | | | | | | | | ð 💌 |
|------------------|----------------|-------|------|-------------------------|--------|--------------------|--------------|--|------------|---------|---|------------------|---------------|
| LXI RL | RF | 50 Ω | AC (| CORREC | | SEN | ISE:INT SOUR | CE OFF #Avg Ty | ALIGN AUTO | | 17 AM Apr 27, 2021 TRACE 1 2 3 4 5 6 | Frequer | icy |
| PASS | | | | PNO: Fast IFGain:Low | | g: Free ten: 30 | | | | | | | |
| | | | | IFGam:Low | A | ten. oo | db | | N | lkr1 1 | 780 5 GHz | Auto | Tune |
| 10 dB/div Log | Ref 20. | 00 dE | 3m | | | | | | | -24 | 780 5 GHz 1.623 dBm | | |
| Trac | e 1 Pass | | | | | | | | | | | Cente | r Freg |
| 10.0 | | | | | | | | | | | | 5.8900000 | |
| | | | | | | | | | | | | | |
| 0.00 | | | | | | | | | | | | Star | tFreq |
| -10.0 | | | | | | | | | | | | 1.7800000 | |
| | | | | | | | | | | | | | |
| -20.0 1 | | | | | | | | | | | | Sto | Freq |
| <u> </u> | | | | | | | | | | | | 10.0000000 | |
| -30.0 | | | | | | | | | | | | | |
| -40.0 | | | | | | | | | | | | | Step |
| | | | | | | | | | | | | 822.0000 Auto | DO MHZ Man |
| -50.0 | - | ~~~~ | ~~~~ | <u> </u> | ~~~ | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | - | | | |
| | | | | | | | | | | | | Freq | Offset |
| -60.0 | | | | | | | | | | | | | 0 Hz |
| -70.0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | Scale | е Туре |
| Start 1.78 | 0 GHz | | | | | | | | | Stop | 10.000 GHz | Log | Lin |
| #Res BW | | | | #VI | BW 3.0 | MHz | | | Sweep | 14.25 m | s (16441 pts) | | |
| MSG | | | | | | | | | STAT | rus | | | |

Plot 7-205. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – Mid Channel)



Plot 7-206. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – Mid Channel)

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|---------------------|--|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 125 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 125 01 501 | |
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| Mkr1 1.701 5 GHz Auto Tune dB/div Ref 20.00 dBm -46.64 dBm Center Freq 00 Image: Start Freq 870.00000 MHz 870.00000 MHz 00 Image: Start Freq 30.00000 MHz 1.71000000 GHz 00 Image: Start Freq 30.00000 MHz 1.71000000 GHz 00 Image: Start Freq 1.71000000 GHz 1.71000000 GHz 10 Imag | | ctrum Analyzer | - Swept SA | | | | | | e e 💌 |
|--|------------------|---|-----------------------|---|---------|-----|-------|-------------------------------------|------------------|
| ASS PN: Fast Trig: Free Run Atten: 30 dB Mkr1 1.701 5 GHz 46.64 dBm Atten: 30 dB Center Freq S70.000000 MHz 46.64 dBm S70.000000 MHz 30.00000 MHz 30.0000 MHz 30.0000 MHz 30.0000 MHz 30.0000 MHz 30.00000 MHz 30.0000 MHZ 30.00000 MHZ 30.0000 MHZ 30.0000 MHZ 30.00000 MHZ 30.0000 MHZ 30.0 | LXI RL | RF 5 | OΩ AC | CORREC | SENS | | | | |
| Ref 20.00 dBm Center Freq 30 Trace 1 Pass Center Freq 30 Start Freq 10 Start Freq 11 Start Freq 12 Start Freq 13 Start Freq 14 Start Freq 15 Start Freq 168 Start Freq 10 St | PASS | | | PNO: Fast 🖵 IFGain:Low | | Run | | TYPE A WWW DET A NNN | |
| Trace 1 Pass Center Freq Center Freq 870.00000 MHz Start Freq 30.00000 MHz Stop Freq 1.7100000 GHz CF Step 168.00000 MHz CF Step 1.7100000 GHz Freq Offset 0 Hz Stop 1.7100 GHz Stop 1.7100 GHz | 10 dB/div Log | Ref 20.0 | 0 dBm | | | | М | kr1 1.701 5 GH -46.64 dBi | z Auto Tune n |
| Image: start Freq Image: start Freq <t< td=""><td>10.0</td><td>e 1 Pass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | 10.0 | e 1 Pass | | | | | | | |
| Stop Freq 1.71000000 GHz CF Step 168.000000 MHz Auto Man Freq Offset 0 Hz Scale Type Log Lin | -10.0 | | | | | | | | |
| 158.000000 MHz Auto Man Freq Offset 0 Hz Stop 1.7100 GHz | -20.0 | | | | | | | | |
| art 0.0300 GHz Stop 1.7100 GHz Log Lin | -40.0 | | | | | | | | 168.000000 MHz |
| tart 0.0300 GHz Stop 1.7100 GHz | -60.0 | 1999-1996-1996-1996-1996-1996-1996-1996 | مغديله ومحمور واليوهي | nght an ann an Anna an Anna an Anna Anna An | | | | | |
| Stop 1.7 100 GHZ | -70.0 | | | | | | | | |
| | | | | #VBW | 3.0 MHz | | Sweep | Stop 1.7100 GH 2.240 ms (3361 pt | 2 |
| G STATUS | MSG | | | | | | | | |

Plot 7-207. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – High Channel)



Plot 7-208. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – High Channel)

| FCC ID: BCGA2568 | PCTEST. Predicible per di @ sierzed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|--|---------------------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 126 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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| | ectrum Analyze | er - Swept S | A | | | | | | | | | | | |
|-----------------------|----------------|--------------|------|-------------------|-------------|------------------------|------------|---|---|--------|----------------------|-------------------------|---------------------|-------------------------------|
| L <mark>XI</mark> RL | RF | 50 Ω A | C CC | RREC | | SE | NSE:INT SO | | ALIGN Type: RM | | | M Apr 27, 2021 | Fr | equency |
| PASS | | | | PNO: Fa Gain:L | ist 🖵 ow | Trig: Fre Atten: 10 | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | - | TY D | | | |
| 10 dB/div Log | Ref 0.0 | 0 dBm | | | | | | | | Mkr | 1 18.34 -60. | 0 5 GHz 70 dBm | | Auto Tune |
| -10.0 | e 1 Pass | | | | | | | | | | | | | Center Freq 0000000 GHz |
| -20.0 | | | | | | | | | | | | | 10.00 | Start Freq 0000000 GHz |
| -40.0 | | | | | | | | | | | | | 20.00 | Stop Freq 0000000 GHz |
| -60.0 | | | | | | , | | - | | | 1 | ~ | 1.00 <u>Auto</u> | CF Step 0000000 GHz Man |
| -80.0 | | | | | | | | | | | | | 1 | F req Offset 0 Hz |
| -90.0 | | | | | | | | | | | | | | Scale Type |
| Start 10.0 #Res BW | | | | # | VBW | 3.0 MHz | | | Swee | p 25 | Stop 20 .33 ms (2 | 0.000 GHz 20001 pts) | Log | Lin |
| MSG | | | | | | | | | | STATUS | | | | |

Plot 7-209. Conducted Spurious Plot (ULCA LTE Band 66 – (20+20)MHz QPSK – High Channel)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|----------------------|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 127 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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7.4 Band Edge Emissions at Antenna Terminal §2.1051, §27.53

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 its maximum duty cycle, 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 of any spurious emission is $43 + 10 \log_{10}(P_{[Watts]})$, where P is the transmitter power in Watts.

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 <u>></u> 3 x RBW
- 5. Detector = RMS
- 6. Number of sweep points $\geq 2 \times \text{Span/RBW}$
- 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.

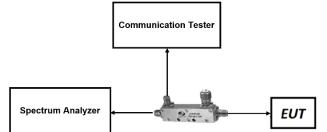


Figure 7-3. Test Instrument & Measurement Setup

| FCC ID: BCGA2568 | PCTEST. Prode to be part of @ interest | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 128 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 126 01 501 |
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Test Notes

- 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(g) for operations in the 663 698 MHz and 698 746MHz bands, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
- 3. Per 27.53(c)(5) for operations in the 776-788 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
- 4. For all plots showing emissions in the 763 775MHz and 793 805MHz band, the FCC limit per 27.53(c)(4) is 65 + 10 log₁₀(P) = -35dBm in a 6.25kHz bandwidth.

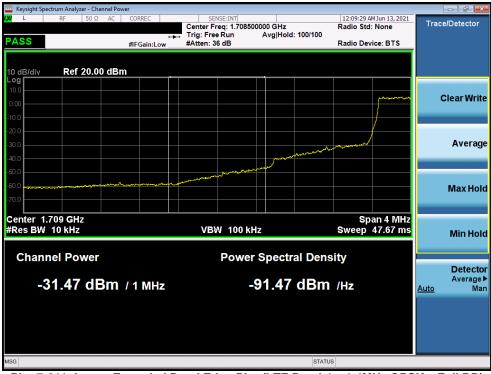
| FCC ID: BCGA2568 | PCTEST. Predic la part of @ simprover | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|--|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 129 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 129 01 301 | |
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LTE Band 4



Plot 7-210. Lower Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)



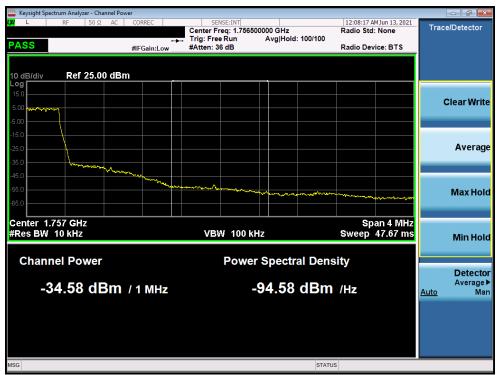
Plot 7-211. Lower Extended Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 120 of 201 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 130 of 301 |
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| Keysight Spe | ectrum Analyzer - Swej | | | | | | | | | | |
|--------------|------------------------|--|---|---|------|--|--------|----------------------|---|-------------|-----------------------------------|
| PASS | RF 50 Ω | | REC O:Wide ↔ Sain:Low | | | #Avg Typ | e: RMS | TRAC | M Jun 12, 2021 E 1 2 3 4 5 6 E A WWWWW A P N N N N | F | requency |
| 10 dB/div | Ref 25.00 d | | Jain.Low | with the second s | | | Mkr | 1 1.755 0 -32. | 00 GHz 36 dBm | | Auto Tun |
| -og Trace | e 1 Pass | and the second | and and the state of the state | malun | | | | | | | Center Free 55000000 GH |
| 5.00 | | | | | | | | | | 1.78 | Start Fre 53000000 G⊢ |
| 25.0 | | | | | ▲ 1 | | | | | 1.78 | Stop Fre 57000000 GH |
| 35.0 | warm | | | | www. | here for the f | | | | <u>Auto</u> | CF Ste 400.000 kH Ma |
| 55.0 | | | | | | | | mm | m | | Freq Offse 0 ⊢ |
| 65.0 | 755000 GHz | | | | | | | | | Log | Scale Typ |
| Res BW | | | #VBW | 110 kHz | | | Sweep | 5pan 4 6.667 ms (| .000 MHz 1001 pts) | | |
| SG | | | | | | | STAT | US | | | |

Plot 7-212. Upper Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)



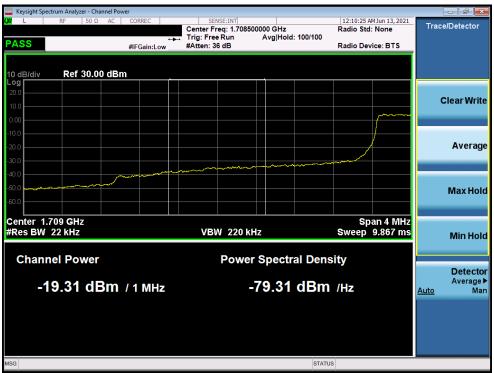
Plot 7-213. Upper Extended Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

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|---------------------|---|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 131 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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| Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω AC | CORREC | SENSE:INT S | DURCE OFF ALIGN AUTO | 09:10:16 PM Apr 22, 2021 | |
|--|---------------------------|---|---|--|----------------------------------|
| ASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A P N N N N | Frequency |
| O dB/div Ref 25.00 dBm | | | Mkr | 1 1.709 996 GHz -19.62 dBm | Auto Tur |
| Trace 1 Pass | | | | | Center Fre |
| 5.0 | | | | | 1.710000000 GI |
| 5.00 | | $ \qquad \qquad$ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | |
| | | | | | Start Fr 1.708000000 G |
| .00 | | | | | 1.708000000 G |
| 5.0 | | i | | | Stop Fr |
| 5.0 | | | | | 1.712000000 G |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | |
| 5.0 | | | | | CF St 400.000 k |
| 5.0 | | | | | <u>Auto</u> M |
| | | | | | Freq Offs |
| 5.0 | | | | | |
| 5.0 | | | | | |
| | | | | | Scale Ty |
| enter 1.710000 GHz Res BW 75 kHz | #VBW | 240 kHz | Sweep | Span 4.000 MHz 1.000 ms (1001 pts) | Log <u>L</u> |
| G | | | STAT | | |

Plot 7-214. Lower Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)



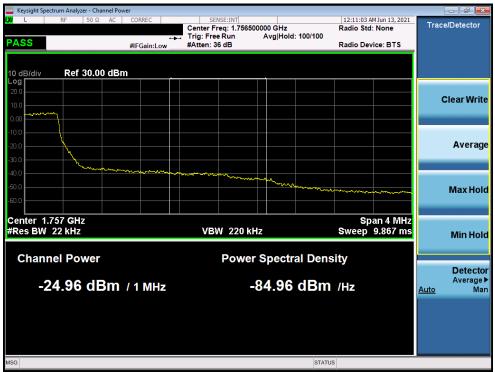
Plot 7-215. Lower Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Predicible part of @ energed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 122 of 201 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 132 of 301 |
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| Res BW 75 kH | Z | #VBW | 240 kHz | | Sweep | 1.000 ms (1001 j | ots) | _ |
|-------------------|---|-------------|---------------|---|------------|--|-------------|-------------------------|
| enter 1.75500 | | | | | | Span 4.000 N | /Hz Log | L |
| | | | | | | | | Scale Typ |
| 65.0 | | | | | | | | |
| 5.0 | | | | | | | | 01 |
| | | | | | | | | Freq Offs |
| 5.0 | | | | | | | <u>Auto</u> | M |
| 5.0 | | | | | | | ~ | CF St 400.000 k |
| | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | |
| 5.0 | | | X | | | | 1.75 | 57000000 G |
| 5.0 | | | 1 | | | | | Stop Fr |
| | | | | | | | | |
| .00 | | | | | | | 1.7 | 53000000 G |
| .00 | | | | | | | | Start Fr |
| | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | |
| 5.0 | | | | | | | | Center Fr 55000000 G |
| Trace 1 Pa | | | Ť | | | | | |
| dB/div Ref | 25.00 dBm | | | | Mkr | 1.755 020 G -22.01 dl | | Auto Tu |
| ASS | | IFGain:Low | #Atten: 36 dB | | | DET A P N | | Auto Tu |
| | | PNO: Wide 🔸 | | | /pe: RMS | TRACE 1 2 3 | 156 F | requency |
| RL RF | alyzer - Swept SA 50 Ω AC | CORREC | SENSE:INT | SOURCE OFF | ALIGN AUTO | 09:12:12 PM Apr 22, 2 | 021 | |

Plot 7-216. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)



Plot 7-217. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|----------------------|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 133 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | | |
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| Keysight Spectrum Analyzer - Swept SA | | | | | |
|---------------------------------------|---|---------------------------------|----------------|---|----------------------|
| XI RL RF 50 Ω AC | CORREC | SENSE:INT SOL | #Avg Type: RMS | 09:01:07 PM Apr 22, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type: RWS | | |
| 10 dB/div Ref 25.00 dBm | | | Mkr | 1 1.709 996 GHz -22.98 dBm | Auto Tune |
| Trace 1 Pass | | Ĭ | | | Center Free |
| 15.0 | | | | | 1.710000000 GH |
| | | | | | 1.7 10000000 GH |
| 5.00 | | | | | |
| | | | | | Start Fre |
| 5.00 | | | | | 1.708000000 GH |
| | | | | | |
| 15.0 | | | | | Stop Fre |
| | | | | | 1.712000000 GH |
| 25.0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~~ | | | 1.7 12000000 011 |
| | | | | | |
| 35.0 | | | | | CF Ste 400.000 kH |
| (F.O. | | | | | Auto Ma |
| 45.0 | | | | | |
| 55.0 | | | | | Freq Offs |
| 33.0 | | | | | 0+ |
| 65.0 | | | | | 01 |
| | | | | | |
| | | | | | Scale Typ |
| Center 1.710000 GHz | | 000 1-11- | | Span 4.000 MHz | Log <u>Li</u> |
| Res BW 120 kHz | #VBW | 390 kHz | | 1.000 ms (100 r pts) | |
| SG | | | STATU | s | |

Plot 7-218. Lower Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)



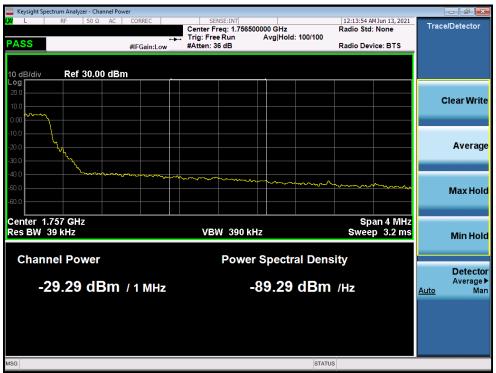
Plot 7-219. Lower Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to be part of @ deexed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 134 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 134 01 301 |
| © 2021 PCTEST | | • | Version 2.0, 5/21/2021 |



| Keysight Spectrum Analyzer - Swept SA | | | | | - • • |
|---------------------------------------|---------------------------|---------------------------------|---------------------------------------|---|----------------|
| RL RF 50Ω AC | CORREC | SENSE:INT SO | URCE OFF ALIGN AUTO #Avg Type: RMS | 09:04:05 PM Apr 22, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| ASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type. Kino | TYPE A WWWWW DET A P N N N N | |
| 0 dB/div Ref 25.00 dBm | | | Mkr | 1 1.755 024 GHz -24.89 dBm | Auto Tun |
| og Trace 1 Pass | | Ĭ | | | Center Fre |
| 15.0 | | | | | 1.755000000 GH |
| | | | | | 1.70000000000 |
| 5.00 | | | | | Start Fre |
| 5.00 | | | | | 1.753000000 GH |
| | | | | | |
| 15.0 | | | | | Stop Fre |
| 25.0 | | ` \ | | | 1.757000000 GH |
| 25.0 | | - Andrew - | | | |
| 85.0 | | | · · · · · · · · · · · · · · · · · · · | man | CF Ste |
| | | | | | 400.000 kł |
| 15.0 | | | | | <u>Auto</u> Ma |
| | | | | | |
| 55.0 | | | | | Freq Offs |
| | | | | | 01 |
| 65.0 | | | | | |
| | | | | | Scale Typ |
| enter 1.755000 GHz | | | | Span 4.000 MHz | Log <u>L</u> |
| Res BW 120 kHz | #VBW | 390 kHz | Sweep | 1.000 ms (1001 pts) | |
| G | | | STAT | JS | |

Plot 7-220. Upper Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)



Plot 7-221. Upper Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Trud lo le part d & dement | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 135 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 155 01 501 |
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| Keysight Spec | | | | | | | | | | | |
|----------------------|--|---------|-----------------------------|---|-------------|--|--|--|------------------|------|--------------------------|
| L <mark>XI</mark> RL | RF 5 | 50 Ω AC | CORREC | SEN | SE:INT SOUR | CE OFF | ALIGN AUTO | | Apr 22, 2021 | F | requency |
| PASS | | | PNO: Wide +++ IFGain:Low | Trig: Free #Atten: 36 | | | | TYP | | | |
| 10 dB/div | Ref 25.0 | 0 dBm | | | | | Mkr | 1 1.709 9 -25.(| 28 GHz)3 dBm | | Auto Tune |
| Log Trace | e 1 Pass | | | | | | | | | | Center Freq |
| 15.0 | | | | | | | | | | | 0000000 GHz |
| 5.00 | | | | | مسم | ······································ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | um | | |
| | | | | | | | | | | | Start Freq |
| -5.00 | | | | | | | | | | 1.70 | 6000000 GHz |
| -15.0 | | | | | | | | | | | |
| | | | | | 1 | | | | | 1 71 | Stop Freq 4000000 GHz |
| -25.0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Manana | mound | harring the second s | N* | | | | | 1.71 | 4000000 GH2 |
| -35.0 | | | | | | | | | | | CF Step |
| | | | | | | | | | | Auto | 800.000 kHz Man |
| -45.0 | | | | | | | | | | | |
| -55.0 | | | | | | | | | | | Freq Offset |
| ~~~~ | | | | | | | | | | | 0 Hz |
| -65.0 | | | | | | | | | | | Ocolo Tranc |
| Center 1.7 | 10000 C | H7 | | | | | | Snan 8 | .000 MHz | | Scale Type |
| #Res BW | | | #VBW | 750 kHz | | | Sweep | 1.000 ms (| 1001 pts) | Log | <u>Lin</u> |
| MSG | | | | | | | STATU | JS | | | |

Plot 7-222. Lower Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|--------------------|-------------|--------|---------------|--------------------|--|-------------------------|------------|------|--------------------------------|----------------------|---|-------------|------------|
| RL | RF | 50 Ω | AC | CORREC | | SEM | ISE:INT SO | | ALIGN AUTO | | M Apr 22, 2021 | F | requency |
| PASS | | | | PNO: F IFGain:l | ast ↔ .ow | Trig: Free #Atten: 3 | | #Avg | Гуре: RMS | TYI D | CE 1 2 3 4 5 6 PE A WWWWW A P N N N N | | |
| 0 dB/div | Ref 2 | 5.00 d | Bm | | | | | | Mkr | 1 1.708 9 -18. | 80 GHz 86 dBm | | Auto Tun |
| .og | e 1 Pass | | | | | | | | | | | | Center Fre |
| 15.0 | | | | | | | | | | | | | 7000000 GH |
| 5.00 | | | | | | | | | | | | | Start Fre |
| 5.00 | | | | | | | | | | | 1. | 1.70 | 5000000 GH |
| 5.0 | مربقه موعوب | , | وي و محمد الم | 1 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | Linesseere and a second of the | \$1~~~~~ | | 1.70 | Stop Fre |
| 5.0 | | | | | | | | | | | | | CF Ste |
| 5.0 | | | | | | | | | | | | <u>Auto</u> | 400.000 ki |
| 5.0 | | | | | | | | | | | | | Freq Offs |
| 5.0 | | | | | | | | | | | | | 01 |
| | | | | | | | | | | | | | Scale Typ |
| enter 1. Res BW | | | | | ≠vbw | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz (1001 pts) | Log | L |
| G | | | | | | | | | STATU | IS | | | |

Plot 7-223. Lower Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to be part of @ deexed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 136 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 130 01 301 |
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| Keysight Spectrum Analyzer - Swept SA | | | | | |
|--|---------------|--|---------------------------------------|---|---|
| KI RF 50Ω AC | | SENSE:INT SOU Trig: Free Run #Atten: 36 dB | JRCE OFF ALIGN AUTO #Avg Type: RMS | 08:59:40 PM Apr 22, 2021 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A P N N N N | Frequency |
| 10 dB/div Ref 25.00 dBm | IFGam.Low | | Mkr | 1.755 016 GHz -25.07 dBm | Auto Tune |
| -og Trace 1 Pass 15.0 | horan and and | <u>م</u> | | | Center Fred 1.755000000 GH; |
| 5.00 | | | | | Start Free 1.751000000 GH: |
| 25.0 | | 1 | marmon and the second | | Stop Free 1.759000000 GH |
| 45.0 | | | | | CF Ste 800.000 k⊢ <u>Auto</u> Ma |
| 65.0 | | | | | Freq Offse 0 H |
| Center 1.755000 GHz #Res BW 240 kHz | #VBW 7 | /50 kHz | Sweep | Span 8.000 MHz 1.000 ms (1001 pts) | Scale Typ |

Plot 7-224. Upper Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|---------------------|----------|--------|-----------|--------------------|--------------|--|-------------------|---------|---|----------------------|-----------------------|-------------|----------------------|
| X/RL | RF | 50 Ω | AC | CORREC | | SEI | ISE:INT SO | | ALIGN AUTO | | M Apr 22, 2021 | F | requency |
| PASS | | | | PNO: F IFGain:l | ast ↔ .ow | Trig: Fre #Atten: 3 | | | Jpernare | TYI DI | | | |
| 10 dB/div Log | Ref 25 | .00 di | Bm | | | | | | Mkr1 | 1.756 0 -20. | 00 GHz 91 dBm | | Auto Tune |
| Trac | e 1 Pass | | | | | | Ĭ | | | | | | Center Free |
| 15.0 | | | | | | | | | | | | 1.75 | 8000000 GH |
| 5.00 | | | | | | | | | | | | | Start Fre |
| 5.00 | | | | | | | | | | | | 1.75 | 6000000 GH |
| 15.0 | | | | | | | | | | | | | Stop Fre |
| 25.0 | | | مەرىمەريە | - | | ~^ _♪ ſ~~ _₽ ₽ _₽ ₽₽ | 2-40.934-35-37999 | <u></u> | ana ang ang ang ang ang ang ang ang ang | terror termination | | 1.76 | 0000000 GH |
| 35.0 | | | | | | | | | | | | | CF Ste 400.000 k⊢ |
| 45.0 | | | | | | | | | | | | <u>Auto</u> | 400.000 KF Ma |
| 55.0 | | | | | | | | | | | | | Freq Offse |
| 65.0 | | | | | | | | | | | | | 0 H |
| | | | | | | | | | | | | | Scale Typ |
| Center 1. Res BW | | | | | #VBW | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz 1001 pts) | Log | Li |
| SG | | | | | | | | | STATU | | | | |

Plot 7-225. Upper Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST. Prodici la pat d 🎯 viennet | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 137 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 137 01 301 |
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| u Keysight Sp | | | | | | | | | | | - • × |
|----------------|-------------------|-------------|--|-------------------------|--------------|--|------------|------------------|---|-------------|------------------------|
| LXI RL | RF | 50 Ω AC | CORREC | SEN | ISE:INT SOUR | CE OFF AVG TVP | ALIGN AUTO | 08:53:31 PM | Apr 22, 2021 | Fr | equency |
| PASS | | | PNO: Wide ↔ IFGain:Low | Trig: Free #Atten: 3 | | | | TYPE DE | A WWWWW A P N N N N | | |
| 10 dB/div | Ref 25 | .00 dBm | | | | | Mkr1 | 1.709 9 -22.6 | 64 GHz 66 dBm | | Auto Tune |
| Log Trac | e 1 Pass | | | | | | | | | | Center Freq |
| 15.0 | | | | | | | | | | | 0000000 GHz |
| 5.00 | | | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | ๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛ | | |
| 5.00 | | | | | | | | | | | Start Freq |
| -5.00 | | | | | | | | | | 1.70 | 4000000 GHz |
| | | | | | | | | | | | |
| -15.0 | | | | | 1/ | | | | | | Stop Freq |
| -25.0 | | -shank have | and a second sec | cherror anno and | W | | | | | 1.71 | 6000000 GHz |
| and the second | Near of the start | | | | | | | | | | |
| -35.0 | | | | | | | | | | 1 | CF Step .200000 MHz |
| -45.0 | | | | | | | | | | <u>Auto</u> | Man |
| | | | | | | | | | | | |
| -55.0 | | | | | | | | | | | Freq Offset 0 Hz |
| -65.0 | | | | | | | | | | | 0 H2 |
| | | | | | | | | | | | Scale Type |
| Center 1. | 710000 | GHz | | | | | | Span 12 | 2.00 MHz | | |
| #Res BW | 360 kHz | | #VBW | 1.2 MHz | | | Sweep 1 | 1.000 ms (1 | 001 pts) | Log | Lin |
| MSG | | | | | | | STATUS | S | | | |

Plot 7-226. Lower Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

| 🚾 Keysight Sp | | | | | | | | | | | | | |
|---------------------|----------|--------|-----|-------------------|---------------|--|-------------|------|--|----------------------|--|-------------|------------------------|
| <mark>X/</mark> RL | RF | 50 Ω | AC | CORREC | | SEM | ISE:INT SOU | | ALIGN AUTO | | M Apr 22, 2021 | E | requency |
| PASS | | | | PNO: I IFGain: | Fast ↔ Low | Trig: Free #Atten: 3 | | #Avg | Type: RMS | TY D | DE 1 2 3 4 5 6 PE A WWWWW ET A P N N N N | | |
| 10 dB/div Log | Ref 2 | 5.00 d | IBm | | | | | | Mkr | 1 1.708 9 -19. | 980 GHz 25 dBm | | Auto Tune |
| Tra | ce 1 Pas | S | | | | | | | | | | | Center Freq |
| 15.0 | | | | | | | | | | | | 1.70 |)7000000 GHz |
| 5.00 | | | | | | | | | | | | | Start Freq |
| -5.00 | | | | | | | | | | | | 1.70 |)5000000 GHz |
| -15.0 | | | | | | and Second States (States (Sta | a | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | lan angu angu angu | 1 | 4.70 | Stop Freq |
| -25.0 | 1 | | | a din industry | ********* | | | | | | | 1.70 | 9000000 GHz |
| -35.0 | | | | | | | | | | | | | CF Step 400.000 kHz |
| -45.0 | | | | | | | | | | | | <u>Auto</u> | Mar |
| -55.0 | | | | | | | | | | | | | Freq Offset |
| -65.0 | | | | | | | | | | | | | |
| | 707000 | | | | | | | | | Onen | | | Scale Type |
| Center 1 #Res BW | | | | | #VBW | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz (1001 pts) | Log | <u>Lin</u> |
| MSG | | | | | | | | | STAT | JS | | | |

Plot 7-227. Lower Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Troud to be part of @ deexed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 138 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 130 01 301 |
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| Keysight Spectrun | | | | | | | | | | | - 0 💌 |
|---------------------------|------------|---|---------------------------------|---------|---|---------------------|-----------------------|---------------------|--|------------------|--------------------------------|
| PASS | RF 50 Ω | P | RREC NO: Wide ↔→ Gain:Low | | | JRCE OFF #Avg Ty | ALIGN AUTO pe: RMS | TRAC | Apr 22, 2021 1 2 3 4 5 6 A WWWWW A P N N N N | Fr | equency |
| 10 dB/div R | ef 25.00 d | | ounicon. | | | | Mkr1 | 1.755 0 -25.2 | 12 GHz 21 dBm | | Auto Tun |
| -og Trace 1 15.0 | Pass | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | erel . | | | | | | | enter Fre |
| 5.00 | | | | | | | | | | 1.749 | Start Fre 9000000 GH |
| 25.0 | | | | h | 1 | when the second | and the second second | - | Jourgeon | 1.76′ | Stop Fre 1000000 GH |
| 45.0 | | | | | | | | | | 1 <u>Auto</u> | CF Ste .200000 MH Ma |
| 55.0 65.0 | | | | | | | | | | ľ | FreqOffso 0⊦ |
| Center 1.755 Res BW 36 | | | #VBW | 1.2 MHz | | | Sweep 1 | Span 1 .000 ms (| 2.00 MHz 1001 pts) | Log | Scale Typ <u>Li</u> |
| SG | | | | | | | STATUS | 3 | | | |

Plot 7-228. Upper Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|--------------|---|---------|----|-------------------|--------------|-------------------------|---|------|--------------------------------|--|---|------|----------------------------|
| U RL | RF | 50 Ω | AC | CORREC | | SEN | ISE:INT SO | | ALIGN AUTO | | M Apr 22, 2021 | F | requency |
| PASS | | | | PNO: F IFGain: | ast ↔ ₋ow | Trig: Free #Atten: 3 | | #Avg | Type: RMS | TYI D | DE 1 2 3 4 5 6 PE A WWWWW ET A P N N N N | | |
| 0 dB/div | Ref 2 | 5.00 d | Bm | | | | | | Mkr | 1 1.756 (-21. |)96 GHz 77 dBm | | Auto Tun |
| Trac | e 1 Pas | ; | | | | | | | | | | | Center Fre |
| 15.0 | | | | | | | | | | | | 1.75 | 8000000 GH |
| 5.00 | | | | | | | | | | | | | Start Fre |
| 5.00 | | | | | | | | | | | | 1.75 | 6000000 GH |
| 15.0 | 4 ¹² -14 ² - | | | | | | | | | | | 1 76 | Stop Fre |
| 25.0 | | | | | | | 2.2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4 | | and the property of the second | and and a second se | ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩ | 1.70 | |
| 5.0 | | | | | | | | | | | | Auto | CF Ste 400.000 kł Mi |
| 5.0 | | | | | | | | | | | | Auto | IVI |
| 5.0 | | | | | | | | | | | | | Freq Offs |
| 65.0 | | | | | | | | | | | | | 01 |
| enter 1. | 750000 | <u></u> | | | | | | | | Onen | | | Scale Typ |
| Res BW | | | | : | #VBW | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz (1001 pts) | Log | L |
| G | | | | | | | | | STATU | JS | | | |

Plot 7-229. Upper Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Troud to be part of @ deexed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 139 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 139 01 301 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| E Keysight Spectrun | | it SA | | | | | | | | | - • × |
|-----------------------|------------------|---|----------------------------|-------------------------|------------|---------|---------------------------|----------------------|---------------------------------------|------------------|-----------------------------------|
| LXVI RL | RF 50 Ω | AC CC | RREC | SEN | SE:INT SOU | | ALIGN AUTO | 08:48:41 PM A | | En | equency |
| PASS | | I | PNO: Fast ↔→ Gain:Low | Trig: Free #Atten: 3 | | #Avg Ty | • | TYPE DET | 1 2 3 4 5 6 A WWWWW A P N N N N | | |
| | ef 25.00 d | Bm | | | | | Mkr | 1 1.709 98 23.18- | 4 GHz 3 dBm | | Auto Tune |
| Log Trace 1 | Pass | | | | | | purgunation and a feature | | dan markaga gar | | Center Freq 0000000 GHz |
| -5.00 | | | | | | | | | | 1.702 | Start Freq 2000000 GHz |
| -15.0 | alananana ana ba | يەر دەر يەر يەر يەر يەر يەر يەر يەر يەر يەر ي | hand and the second of the | | 1 | | | | | 1.718 | Stop Freq 3000000 GHz |
| -35.0 | | | | | | | | | | 1 <u>Auto</u> | CF Step .600000 MHz Man |
| -55.0 | | | | | | | | | | I | Freq Offset 0 Hz |
| -65.0 Center 1.710 | | | | | | | | Span 16. | 00 MHz | | Scale Type Lin |
| #Res BW 47 | 0 KHŻ | | #VBW | 1.6 MHz | | | Sweep | 1.000 ms (10 | 01 pts) | | |

Plot 7-230. Lower Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

| LXI RL | RF | 50 Ω AC | CORREC | | SEN | SE:INT SOUR | CE OFF | ALIGN AUTO | | M Apr 22, 2021 | F | requency |
|----------------------|----------|---------|------------------------------|-----------|------------------------|------------------------------|--|------------------|--|------------------------|-------------|------------------------|
| PASS | | | PNO: Fas IFGain:Lo | | rig: Free Atten: 36 | | | | TY D | | | |
| 10 dB/div | Ref 25. | 00 dBm | | | | | | Mkr | 1 1.708 9 -21. | 20 GHz 19 dBm | | Auto Tune |
| Log Trac | e 1 Pass | | | | | | | | | | | Center Fred |
| 15.0 | | | | | | | | | | | | 7000000 GHz |
| 5.00 | | | | | | | | | | | | |
| | | | | | | | | | | | | Start Freq |
| -5.00 | | | | | | | | | | | 1.70 | 5000000 GHz |
| -15.0 | | | | | | | | | | 1 | | Stop Free |
| -25.0 | | | a day and the flag to be age | an market | man | ang di Tang ang sina ming ni | and the second sec | - Contractor and | and the state of t | | 1.70 | 9000000 GHz |
| 23.0 | | | | | | | | | | | | |
| -35.0 | | | | | | | | | | | | CF Step 400.000 kHz |
| -45.0 | | | | | | | | | | | <u>Auto</u> | Man |
| | | | | | | | | | | | | F |
| -55.0 | | | | | | | | | | | | Freq Offset 0 Hz |
| -65.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | Scale Type |
| Center 1. #Res BW | | Hz | # | /BW 3. | 0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz (1001 pts) | Log | Lin |
| ISG | | | | | | | | STATU | | (10,00 p.10) | | |

Plot 7-231. Lower Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST. Prodici la pat d 🎯 viennet | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 140 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 140 01 501 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| Keysight Spec | | | | | | | | | | | | |
|---------------|---|--|--|--|--------------------------|------------|-----------------|-----------------------------------|-------------------|------------------------------|-------------|---------------------------|
| X/RL | RF | 50 Ω A0 | C COR | REC | SEI | SE:INT SOU | RCE OFF | ALIGN AUTO | | M Apr 22, 2021 | Fi | equency |
| PASS | | | | IO: Fast Sain:Low | → Trig: Fre #Atten: 3 | | #Avg iy | pe. Kivis | TY | PE A WWWWW ET A P N N N N | | |
| 10 dB/div | Ref 25 | .00 dBn | n | | | | | Mkr | 1 1.755 4 -22. | 400 GHz 07 dBm | | Auto Tune |
| Log Trace | e 1 Pass | | | | | Ĭ | | | | | (| Center Fred |
| 15.0 | | | | | | | | | | | | 5000000 GHz |
| 5.00 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | an a | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | many | | | | | | | |
| F 00 | | | | | | | | | | | 1 74 | Start Free 7000000 GH; |
| -5.00 | | | | | | | | | | | 1.74 | 7000000 GH |
| -15.0 | | | | | - | | | | | | | Stop Free |
| -25.0 | | | | | 5. | - | and the galants | Construction of the second second | Markey Adaptor | - | 1.76 | 3000000 GH |
| | | | | | | | | | | | | |
| -35.0 | | | | | | | | | | | | CF Ste .600000 MH |
| 45.0 | | | | | | | | | | | <u>Auto</u> | Ma |
| -55.0 | | | | | | | | | | | | Freq Offse |
| | | | | | | | | | | | | он |
| -65.0 | | | | | | | | | | | | |
| Center 1.7 | 255000 (| GHz | | | | | | | Span 1 | 16.00 MHz | | Scale Type |
| #Res BW | | | | #VE | SW 1.6 MHz | | | Sweep | 1.000 ms | (1001 pts) | Log | Lir |
| ISG | | | | | | | | STATU | JS | | | |

Plot 7-232. Upper Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|-----------------------|----------|-----------------------|-------------------|--|------------|--|--------------------------------------|----------------------------|------------|---------------------------------------|---|-------------|-----------------------------|
| X/RL | RF | 50 Ω | AC | CORREC | | SEN | SE:INT SOU | | ALIGN AUTO | | M Apr 22, 2021 | F | requency |
| PASS | | | | PNO: Fa IFGain:L | | Trig: Free #Atten: 3 | | | ype. Rino | TY | | | |
| 10 dB/div Log | Ref 25. | 00 dE | 3m | | | | | | Mkr | 1 1.756 1 -19. | l00 GHz 62 dBm | | Auto Tune |
| 15.0 Trac | e 1 Pass | | | | | | | | | | | | Center Freq 8000000 GHz |
| 5.00 | | | | | | | | | | | | | |
| -5.00 | | | | | | | | | | | | 1.75 | Start Free 6000000 GH: |
| 15.0 | | | | | | | | | | | | | Stop Free |
| -25.0 | ******* | 1.000 million (1.000) | Mate - The object | ann an thair an the second the second the second terms of t | ********** | and a second | 10-2-2-4804(+3-4 ₂ -42-4) | which these sources of the | | ىچى يىدە ^{لى} مىرى قەمىرە مى | ⁴ 6 ⁷ /m ² 16/m ² 16/m ² /m ² | 1.76 | 0000000 GH |
| 35.0 | | | | | | | | | | | | Auto | CF Stej 400.000 kH Ma |
| 45.0 | | | | | | | | | | | | <u>Auto</u> | |
| 65.0 | | | | | | | | | | | | | Freq Offse 0 H |
| | | | | | | | | | | | | | Scale Type |
| Center 1.7 #Res BW | | | | # | VBW | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| l.000 MHz (1001 pts) | Log | Lir |
| ISG | | | | | | | | | STATU | s | | | |

Plot 7-233. Upper Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

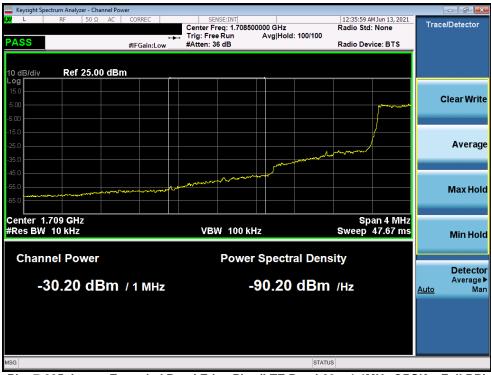
| FCC ID: BCGA2568 | PCTEST Predicible to the part of @wennert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 141 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 141 01 301 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



LTE Band 66

| | ctrum Analyzer - Swe | pt SA | | | | | | | | | |
|---------------------|----------------------|--------|--------------------------|-------------------------|-------------|----------|------------|-----------------|--|-------------|------------|
| RL | RF 50 Ω | AC CO | ORREC | SEN | ISE:INT SOU | | ALIGN AUTO | | M Apr 23, 2021 | E | requency |
| PASS | | | PNO: Wide ↔ FGain:Low | Trig: Free #Atten: 3 | | #Avg Typ | e:RMS | TY | E 1 2 3 4 5 6 E A WWWW A N N N N N | | |
| 0 dB/div | Ref 25.00 c | ∄Bm | | | | | Mkr1 | 1.709 9 -22. | 96 GHz 98 dBm | | Auto Tur |
| Trace | e 1 Pass | | | | | | | | | | Center Fre |
| 15.0 | | | | | | | | | | | 0000000 GH |
| 5.00 | | | | | ~~~~ | ~~~~~ | | | | | |
| | | | | | | | | | | | Start Fre |
| 5.00 | | | | | L | | | | | 1.70 | 8000000 GI |
| | | | | | | | | | | | |
| 15.0 | | | | | 1 | | | | | | Stop Fre |
| | | | | | ļi — | | | | ~ | 1.71 | 2000000 GI |
| 25.0 | | | | \sim | | | | | | | |
| 5.0 | | Γ | | | | | | | | | CF Ste |
| | ~~~ | \sim | | | | | | | | | 400.000 k |
| 5.0 | ~~~~~ | | | | | | | | | <u>Auto</u> | М |
| | | | | | | | | | | | |
| 5.0 | | | | | | | | | | | Freq Offs |
| | | | | | | | | | | | 01 |
| 35.0 | | | | | | | | | | | |
| | | | | | | | | | | | Scale Ty |
| enter 1.7 Res BW | 710000 GHz | | #\/B\M | 110 kHz | | | Sween 1 | Span 4 | .000 MHz 1001 pts) | Log | L |
| G G | 55 MHZ | | # V D V V | TTO KI12 | | | | | roor pts) | | |
| í | | | | | | | STATUS | | | | |

Plot 7-234. Lower Band Edge Plot (LTE Band 66 – 1.4MHz QPSK – Full RB)



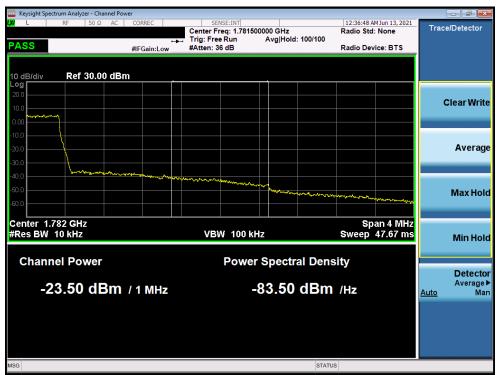
Plot 7-235. Lower Extended Band Edge Plot (LTE Band 66 – 1.4MHz QPSK – Full RB)

| FCC ID: BCGA2568 | Rout be part al @ interest | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 142 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 142 01 301 |
| © 2021 PCTEST | · | · | Version 2.0, 5/21/2021 |



| Keysight Spectrum Analyzer - Swep | | | | | |
|---------------------------------------|---------------------------|--|--------------------------------------|---|----------------------|
| <mark>X/</mark> RL RF 50 Ω | AC CORREC | SENSE:INT SOU | RCE OFF ALIGN AUTO #Avg Type: RMS | 12:33:23 AM Apr 23, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | with the second | TYPE A WWWWW DET A NNNN | |
| 10 dB/div Ref 25.00 d | IBm | | Mkr1 | 1.780 004 GHz -35.24 dBm | Auto Tune |
| Trace 1 Pass | | Ĭ | | | Center Fred |
| 15.0 | | | | | 1.780000000 GHz |
| 5.00 | | $\sim $ | | | |
| | | | | | Start Free |
| -5.00 | | | | | 1.778000000 GH |
| 15.0 | | | | | Stop Fre |
| 25.0 | | | | | 1.782000000 GH |
| 23.0 | | 1 | | | |
| 35.0 | | | | | CF Ste 400.000 kH |
| 45.0 | | | | - ~~~~ | <u>Auto</u> Ma |
| | | | | | |
| .55.0 | | | | | Freq Offse 0 H |
| 65.0 | | | | | |
| | | | | | Scale Type |
| Center 1.780000 GHz #Res BW 33 kHz | #VBW | / 110 kHz | Sweep 1 | Span 4.000 MHz .400 ms (1001 pts) | Log <u>Lir</u> |
| ISG | <i>"</i> vo v | | STATUS | | |

Plot 7-236. Upper Band Edge Plot (LTE Band 66 – 1.4MHz QPSK – Full RB)



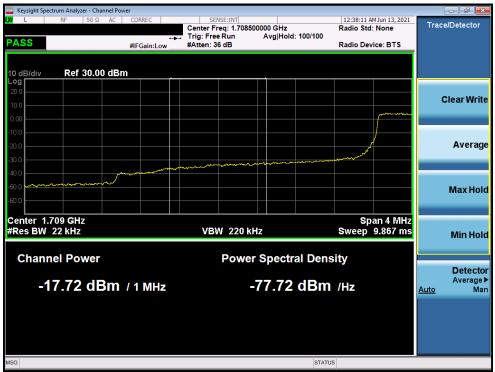
Plot 7-237. Upper Extended Band Edge Plot (LTE Band 66 – 1.4MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Road to be part of @compet | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 143 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 143 01 301 |
| © 2021 PCTEST | | · · | Version 2.0, 5/21/2021 |



| | um Analyzer - Swept SA | | | | | | | |
|-------------|------------------------|----------------------------|---------------------------------|--------------------------|----------|---|-------|----------------------|
| RL | RF 50 Ω AC | CORREC | SENSE:INT SO | URCE OFF AL #Avg Type | IGN AUTO | 12:27:12 AM Apr 23, 2021 TRACE 1 2 3 4 5 6 | Fr | equency |
| ASS | | PNO: Wide ↔→ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type | RIVIS | TYPE A WWWWW DET A NNNN | | |
| 0 dB/div | Ref 25.00 dBn | n | | | Mkr1 | 1.709 992 GHz -19.23 dBm | | Auto Tun |
| og Trace | 1 Pass | | | | | | - | Contor Ero |
| 15.0 | | | | | | | | enter Fre |
| 13.0 | | | | | | | 1.710 | 0000000 GH |
| 5.00 | | | | ~~~~ | | | | |
| 5.00 | | | | | | | | Start Fre |
| 5.00 | | | | | | | 1 70 | B000000 GH |
| | | | | | | | 1.70 | 00000000 |
| | | | 1 | | | | | |
| 15.0 | | | | | | | | Stop Fre |
| | | | | | | | 1.71 | 2000000 GH |
| 25.0 | | | | | | | | |
| \sim | \sim | | | | | | | |
| 5.0 | | | | | | | | CF Ste 400.000 kl |
| | | | | | | | Auto | 400.000 Ki |
| 5.0 | | | | | | | | |
| | | | | | | | | _ |
| 5.0 | | | | | | | | Freq Offs |
| | | | | | | | | 01 |
| 65.0 | | | | | | | | |
| | | | | | | | | Scale Typ |
| enter 1 71 | 10000 GHz | | A | | | Span 4.000 MHz | | |
| Res BW 7 | | #VBW | 240 kHz | S | weep 1 | .000 ms (1001 pts) | Log | <u> </u> |
| G | | | | | STATUS | | | |

Plot 7-238. Lower Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)



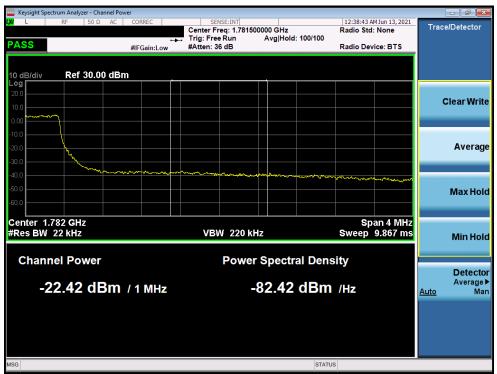
Plot 7-239. Lower Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to ler part of @ viewnest | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|---|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 144 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 144 01 301 | |
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| RL RF 50 Ω AC PASS O dB/div Ref 25.00 dBm G 0 dB/div Trace 1 Pass 15.0 15.0 15.0 15.0 | PNO: Wide ↔ IFGain:Low | SENSE:INT SOU Trig: Free Run #Atten: 36 dB | #Avg Typ | | 12:30:24 AM Apr 2 TRACE 12 TYPE A V DET A N 1.780 004 -21.03 | GHz | requency Auto Tun |
|---|---------------------------|--|----------|---------|---|-----------------|---------------------------------|
| og Trace 1 Pass | | | | Mkr1 | 1.780 004 -21.03 | GHz dBm | Auto Tur |
| 15.0 Trace 1 Pass | ~~~~~ | | | | | | |
| 5.00 | ~ | | | | | | Center Fre 80000000 GH |
| .00 | | | | | | 1.7 | Start Fre 78000000 GH |
| 5.0 | | | | | | 1.7 | Stop Fr 82000000 GI |
| 5.0 | | | ~~~~~ | | ····· | Auto | CF Ste 400.000 ki M |
| 5.0 | | | | | | | Freq Offs 0 |
| enter 1.780000 GHz Res BW 75 kHz | #VBW : | 240 kHz | | Sweep 1 | Span 4.000 .000 ms (100 | 0 MHz 1 pts) | Scale Typ |

Plot 7-240. Upper Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)



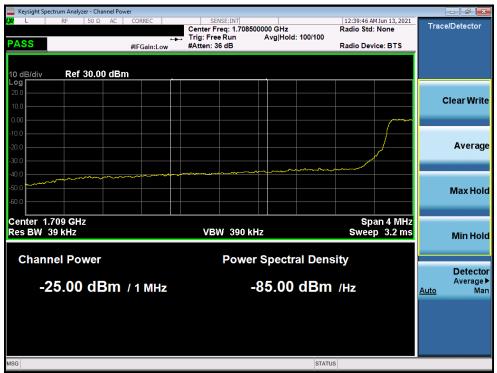
Plot 7-241. Upper Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|----------------------|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 145 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 145 of 301 | |
| © 2021 PCTEST | • | · · · · · · | Version 2.0, 5/21/2021 | |



| Keysight Spectrum Analyzer - | | | | | |
|------------------------------|-------------------------|-------------|----------------|--|-----------------------|
| RL RF 50 | Ω AC CORREC | SENSE:INT S | | 12:24:12 AM Apr 23, 2021 | Frequency |
| ASS | PNO: Wide IFGain:Lov | | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE A WWWW DET A NNNN | |
| 0 dB/div Ref 25.00 |) dBm | | Mkr | 1 1.709 964 GHz -22.06 dBm | Auto Tun |
| Trace 1 Pass | | | | | Center Fre |
| 15.0 | | | | | 1.710000000 GH |
| | | | | a | 1.710000000 811 |
| 5.00 | | | | | |
| | | | | | Start Fre |
| 5.00 | | | | | 1.708000000 GH |
| | | | | | |
| 15.0 | | | | | |
| | | | | | Stop Fre |
| 25.0 | | | | | 1.712000000 GH |
| ······ | ~~~ | | | | |
| 35.0 | | | | | CF Ste |
| | | | | | 400.000 kł Auto Ma |
| 15.0 | | | | | <u>Auto</u> Ma |
| | | | | | |
| 55.0 | | | | | Freq Offs |
| | | | | | 0 H |
| 65.0 | | | | | |
| | | | | | Scale Typ |
| enter 1.710000 GH | z | | | Span 4.000 MHz | |
| Res BW 120 kHz | | /BW 390 kHz | Sweep | 1.000 ms (1001 pts) | Log <u>L</u> |
| SG | | | STATU | 2 | |

Plot 7-242. Lower Band Edge Plot (LTE Band 66 - 5MHz QPSK – Full RB)



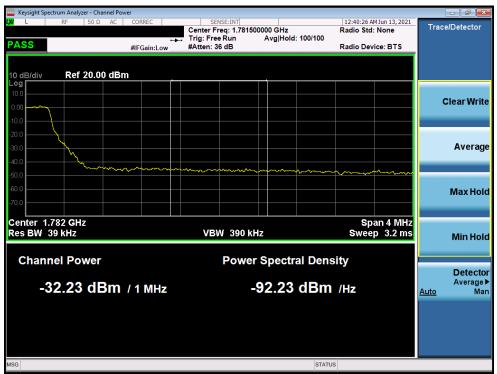
Plot 7-243. Lower Extended Band Edge Plot (LTE Band 66 - 5MHz QPSK - Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|----------------------|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 146 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 146 01 301 | |
| © 2021 PCTEST | - | • | Version 2.0, 5/21/2021 | |



| Keysight Spectrum Analyzer - Swept SA | | | | | - • • |
|---------------------------------------|--|---------------------------------|---------------------------------------|---|----------------------------|
| RL RF 50Ω AC | CORREC | SENSE:INT SOU | JRCE OFF ALIGN AUTO #Avg Type: RMS | 12:25:48 AM Apr 23, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| ASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type. Rivis | | |
| 0 dB/div Ref 25.00 dBm | | | Mkr1 | 1.780 004 GHz -22.75 dBm | Auto Tur |
| Trace 1 Pass | | Ĭ | | | Center Fre |
| 15.0 | | | | | 1.780000000 GH |
| 5.00 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~ | | | |
| 5.00 | | | | | Start Fre |
| 5.00 | | | | | 1.778000000 GH |
| | | | | | |
| 5.0 | | | | | Stop Er |
| | | \ \ | | | Stop Fre 1.782000000 GF |
| 25.0 | | han | | | 1.10200000000 |
| | | | many | | CF Ste |
| 35.0 | | | | | 400.000 kl |
| 5.0 | | | | | <u>Auto</u> M |
| | | | | | |
| 55.0 | | | | | Freq Offs |
| | | | | | 01 |
| 65.0 | | | | | |
| | | | | | Scale Typ |
| enter 1.780000 GHz | | A | | Span 4.000 MHz | Log <u>L</u> |
| Res BW 120 kHz | #VBW | 390 kHz | Sweep 7 | .000 ms (1001 pts) | |
| G | | | STATU | 3 | |

Plot 7-244. Upper Band Edge Plot (LTE Band 66 - 5MHz QPSK – Full RB)



Plot 7-245. Upper Extended Band Edge Plot (LTE Band 66 - 5MHz QPSK – Full RB)

| FCC ID: BCGA2568 | Road to be part of @-connect | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 147 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 147 01 501 |
| © 2021 PCTEST | · · | · · | Version 2.0, 5/21/2021 |



| E Keysight Spec | | - Swept SA | | | | | | | |
|-----------------------|----------|------------|--|---------------------------------|-----------|--|---|-----------|-------------------------------------|
| L <mark>XI</mark> RL | RF | 50 Ω AC | CORREC | SENSE:INT SO | | LIGN AUTO | 12:20:56 AM Apr 23, 20 | | Frequency |
| PASS | | | PNO: Wide ↔→ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type | RMS | TRACE 1 2 3 4 TYPE A WWW DET A NNN | WW+ | |
| 10 dB/div Log | Ref 25.0 | 00 dBm | | | | Mkr1 | 1.709 992 GI -23.34 dB | lz m | Auto Tune |
| 15.0 Trace | e 1 Pass | | | | man | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | fra de mar a construction de la construcción de | 1.7 | Center Freq 710000000 GHz |
| -5.00 | | | | | | | | 1.3 | Start Freq 706000000 GHz |
| -15.0 | mm | m | and the second | | | | | 1.3 | Stop Freq 714000000 GHz |
| -35.0 | | | | | | | | Auto | CF Step 800.000 kHz Man |
| -55.0 | | | | | | | | | Freq Offset 0 Hz |
| Center 1.7 #Res BW | | Hz | #VBW | 750 kHz | | Sween 1 | Span 8.000 M .000 ms (1001 p | Hz Log | Scale Type Lin |
| MSG | 210 1112 | | | | | STATUS | | | |

Plot 7-246. Lower Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

| E Keysight Spe | | | | | | | | | | | | | |
|---------------------------|--------------------------|---------|--------|---------------------|---|---|------------|----------------------------|------------|--|------------------|-------------|--------------------------------------|
| LXI RL | RF | 50 Ω | AC | CORREC | | SEN | SE:INT SOL | | ALIGN AUTO | | M Apr 23, 2021 | F | requency |
| PASS | | | | PNO: Fa IFGain:L | | Trig: Free #Atten: 3 | | mitg i | ype. Rino | TY | | | |
| 10 dB/div Log | Ref 25. | 00 dB | m | | | | | | Mkr | 1 1.708 9 -18. | 96 GHz 28 dBm | | Auto Tune |
| 15.0 | e 1 Pass | | | | | | | | | | | | Center Freq 07000000 GHz |
| -5.00 | | | | | | | | | | | | 1.70 | Start Freq 5000000 GHz |
| -15.0 | ng nangan mining di kang | **le=*e | ****** | Lart And Ampter | ~ | and a start and a start of the st | | and an and a second second | | and the second states of the s | | 1.70 | Stop Freq 9000000 GHz |
| -35.0 | | | | | | | | | | | | <u>Auto</u> | CF Step 400.000 kHz Man |
| -55.0 | | | | | | | | | | | | | Freq Offset 0 Hz |
| Center 1. #Res BW | | | | | | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| 1.000 MHz | | Scale Type <u>Lin</u> |
| #Res DW ^{MSG} | T.O IMINZ | | | # | | 5.0-WINZ | | | Sweep | | roor pis) | | |

Plot 7-247. Lower Extended Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST. Produits for pert of Selectors | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 148 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 146 01 501 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| | | | | - • × |
|----------------------------------|------------------|-----------------------|--|--|
| . Trig: Free Ru #Atten: 36 dB | | ALIGN AUTO pe: RMS | 12:22:48 AM Apr 23, 2021 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A NNNN | Frequency |
| | | Mkr1 | 1.780 040 GHz -22.48 dBm | Auto Tune |
| ~~ | | | | Center Fred 1.780000000 GH2 |
| | | | | Start Free 1.776000000 GH: |
| 1 | man and a second | man man | hand and have a second | Stop Free 1.784000000 GH: |
| | | | | CF Ste 800.000 k⊢ <u>Auto</u> Ma |
| | | | | Freq Offse 0 H |
| 750 kHz | | Sweep 1 | Span 8.000 MHz .000 ms (1001 pts) | Scale Type |
| 17 | ′50 kHz | /50 kHz | | Span 8.000 MHz 50 kHz Sweep 1.000 ms (1001 pts) status |

Plot 7-248. Upper Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|------------------|-----------------|-------|--------|----------------------------|-------------|---|-----------------------|-----------------------|---------------------|--|---|-------------|---------------------------------|
| X/RL | RF | 50 Ω | AC | CORREC | | SEN | ISE:INT SOU | | ALIGN AUTO | | M Apr 23, 2021 | F | requency |
| PASS | | | | PNO: Fa IFGain:L | ast ↔ ow | Trig: Free #Atten: 3 | | #0.481 | ype. Kwo | TY D | PE A WWWWW ET A NNNNN | | |
| 10 dB/div Log | Ref 25. | 00 dE | 3m | | | | | | Mkr | 1 1.781 (-18. | 000 GHz 46 dBm | | Auto Tune |
| 15.0 Trace | e 1 Pass | | | | | | | | | | | | Center Freq 33000000 GHz |
| -5.00 | | | | | | | | | | | | 1.78 | Start Fred 31000000 GH; |
| -15.0 1 | | | بمريسي | an the face and the second | hana a | <mark>የቀይ</mark> ንናቀ _ለ በምራ ት _ግ ያት _{ግሥ} | ad you have been deal | front the manufactory | and physical states | here and the stand of the stand | del ano and | 1.78 | Stop Fred 35000000 GH |
| 45.0 | | | | | | | | | | | | <u>Auto</u> | CF Stej 400.000 kH Mai |
| 65.0 | | | | | | | | | | | | | Freq Offse 0 H |
| Center 1.7 | 783000 C | Hz | | | | | | | | Span 4 | 1.000 MHz | Log | Scale Type |
| #Res BW | 1.0 MHz | | | # | ¢VBW | 3.0 MHz | | | | 1.000 ms | (1001 pts) | Log | |
| ISG | | | | | | | | | STATU | JS | | | |

Plot 7-249. Upper Extended Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Predicible to the part of @wennert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 149 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 149 01 301 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| | rum Analyzer - Swej | | | | | | | | | | - • • |
|-------------------------|--|-----|--|---|-------------|----------|----------------------|---------------------------|-------------------------|-------------------|-------------------------------------|
| LXI RL | RF 50 Ω | AC | CORREC | SEN | SE:INT SOUR | CE OFF | ALIGN AUTO | 12:18:31 AM Ap | r 23, 2021 2 3 4 5 6 | Fre | quency |
| PASS | | | PNO: Wide ↔ IFGain:Low | Trig: Free #Atten: 30 | | #Avg typ | e: RIVIS | TYPE A | 23456 WWWWW NNNNN | | |
| 10 dB/div | Ref 25.00 d | IBm | | | | | Mkr1 | 1.709 952 21.92- | 2 GHz dBm | | Auto Tune |
| 15.0 | 1 Pass | | | | سر | | - when an an all the | han a second a second | | | enter Freq 000000 GHz |
| -5.00 | | | | | | | | | | 1.704 | Start Freq 000000 GHz |
| -15.0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | www | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 4 | | | | | 1.716 | Stop Freq 000000 GHz |
| -35.0 | | | | | | | | | | 1. <u>Auto</u> | CF Step 200000 MHz Man |
| -55.0 | | | | | | | | | | F | F req Offset 0 Hz |
| Center 1.7 #Res BW 3 | | | #\/B\/ | 1.2 MHz | | | Sween_ | Span 12.0 1.000 ms (10 | 00 MHz | | Scale Type Lin |
| MSG | | | | 1.22 1011/2 | | | STATU | | o i pio) | | |

Plot 7-250. Lower Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

| L <mark>XI</mark> RL | RF | 50 Ω | AC | CORREC | | SEM | ISE:INT SOU | | ALIGN AUTO | 12:18:41 A | M Apr 23, 2021 | F | requency |
|----------------------|----------|--|-----------------------|---------------------|---|---------------------------------------|-------------|------|------------|----------------------|--|-------------|--------------------------------------|
| PASS | | | | PNO: F IFGain:l | ast ↔ .ow | Trig: Free #Atten: 3 | | #Avg | Type: RMS | TYF | E 1 2 3 4 5 6 E A WWWW T A N N N N N | | |
| 10 dB/div Log | Ref 25 | .00 dE | 3m | | | | | | Mkr1 | 1.708 8 -18. | 44 GHz 60 dBm | | Auto Tune |
| 15.0 | e 1 Pass | | | | | | | | | | | | Center Freq 07000000 GHz |
| -5.00 | | | | | | | | | | | | 1.70 | Start Freq 05000000 GHz |
| -15.0 | | 1 ⁴ 5000 - 1040 | بەر «ارزار» مىلەر «ار | alphanger of Marian | 1. J. J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | an a she an a she a she a she a she a | | | , | | | 1.70 | Stop Freq 09000000 GHz |
| -35.0 | | | | | | | | | | | | <u>Auto</u> | CF Step 400.000 kHz Man |
| -55.0 | | | | | | | | | | | | | Freq Offset 0 Hz |
| Center 1. #Res BW | | | | | #VBM | 3.0 MHz | | | Sweep | Span 4 1.000 ms (| .000 MHz | Log | Scale Type Lin |
| MSG | | | | | | 0.0 101112 | | | STATU | | 1001 (1003) | | |

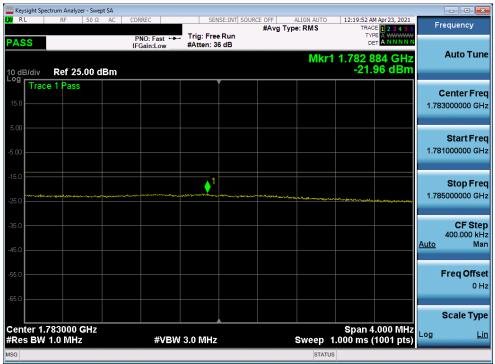
Plot 7-251. Lower Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 150 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 150 01 501 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| | ctrum Analyzer - S | | | | | | | | | | |
|------------------------------|----------------------|------|-------------------------|-------------------------|------|--------------|--|-------------------|--|-------------|--------------------------------|
| | RF 50 | Ω AC | PNO: Wide | Trig: Free #Atten: 3 | | CE OFF | ALIGN AUTO e: RMS | TRA TY | M Apr 23, 2021 CE 1 2 3 4 5 6 PE A WWWWW ET A N N N N N | F | requency |
| 10 dB/div | Ref 25.00 | dBm | IFGain:Low | #Atten: 3 | o dB | | Mkr1 | 1.780 |)36 GHz 94 dBm | | Auto Tune |
| 15.0 | e 1 Pass | m | Maray warehouse and the | ~~~, | | | | | | | Center Fre |
| 5.00 | | | | | | | | | | 1.77 | Start Fre 4000000 G⊦ |
| 25.0 | | | | | 1 | - hadron war | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | - | - Andrew and a state | 1.78 | Stop Fre 6000000 G⊦ |
| 35.0 45.0 | | | | | | | | | | <u>Auto</u> | CF Ste 1.200000 MH Ma |
| 55.0 <u> </u> | | | | | | | | | | | Freq Offs 0 F |
| enter 1.7 Res BW | 780000 GH 360 kHz | z | #VBW | 1.2 MHz | | | Sweep 1 | Span ′ .000 ms | 12.00 MHz (1001 pts) | Log | Scale Typ |
| MSG | 500 KH2 | | <i></i> | 1.2 191112 | | | STATUS | | (Too Pita) | | |

Plot 7-252. Upper Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)



Plot 7-253. Upper Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Prost is be part of @commert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 151 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 151 01 501 |
| © 2021 PCTEST | • | | Version 2.0, 5/21/2021 |



| | ctrum Analyzer - Sw | | | | | | | | | | |
|--------------------|-------------------------------------|---|--|--|--------------|---------|-----------------------|-----------------------------|--|-------------|--------------------------|
| XI RL | RF 50 9 | AC (| CORREC | SEN | ISE:INT SOUF | CE OFF | ALIGN AUTO | | 4 Apr 23, 2021 | Er | equency |
| PASS | | | PNO: Fast ↔→ IFGain:Low | Trig: Free #Atten: 3 | | #Avg Ty | | TYF | E 1 2 3 4 5 6 E A WWWW T A NNNN | | |
| 10 dB/div | Ref 25.00 | dBm | | | | | Mkr | 1 1.709 7 _22. | '60 GHz 21 dBm | | Auto Tun |
| Trac | e 1 Pass | | | | | | | | | | Center Fre |
| 15.0 | | | | | | | | | | 1.71 | 0000000 GH |
| 5.00 | | | | | | 1 | wanter and the second | and so we are the source of | ~~,p,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| | | | | | | | | | | 1 70 | Start Fre |
| 5.00 | | | | | | | | | | 1.70 | 2000000 GH |
| 15.0 | | | | | 1 | | | | | | Stop Fre |
| 25.0 | | | | and the second s | للمس | | | | | 1.71 | 8000000 GH |
| | ر مریکم میں القریف القوں میں والایں | - and and the second | And the state of t | | | | | | | | |
| 35.0 | | | | | | | | | | 1 | CF Ste |
| 45.0 | | | | | | | | | | <u>Auto</u> | Ma |
| | | | | | | | | | | | |
| 55.0 | | | | | | | | | | | e Freq Offs ۱۱ |
| 65.0 | | | | | | | | | | | |
| | | | | | | | | | | | Scale Typ |
| enter 1. Res BW | 710000 GHz | | #\/B\M | 1.6 MHz | | | Sween | Span 1 1.000 ms (| 6.00 MHz | Log | L |
| SG | 47 V KHZ | | #0000 | 1.0 10112 | | | Sweep | _ | roor pts) | | |

Plot 7-254. Lower Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

| Keysight Spe | | | | | | | | | | | | | |
|--------------------|----------|-------------|--------------|-------------------|---------------|-------------------------|--|---|-------------------|--|----------------------------------|-------------|-------------------------------|
| XI RL | RF | 50 Ω | AC | CORREC | | SEN | ISE:INT SO | | ALIGN AUTO | 12:15:51 A | M Apr 23, 2021 CE 1 2 3 4 5 6 | F | requency |
| PASS | | | | PNO: I IFGain: | Fast ↔ Low | Trig: Free #Atten: 3 | | #Avg i | ype: RWS | TY | | | |
| 10 dB/div | Ref 25 | i.00 d | Bm | | | | | | Mkr | 1 1.708 9 -19. | 984 GHz .92 dBm | | Auto Tune |
| og Trac | e 1 Pass | | | | | | | | | | | | Center Fre |
| 15.0 | | | | | | | | | | | | 1.70 | 7000000 GH |
| 5.00 | | | | | | | | | | | | 4.70 | Start Fre |
| 5.00 | | | | | | | | | | | | 1.70 | 5000000 GF |
| 25.0 | | ₩~₽₽₽₩₽₽₩₽₽ | las-ventoras | ****** | | مل الله ميدود رومي ال | and and a start of the start of | nglan an anna an | Lion gran and and | and a lange of the state of the | | 1.70 | Stop Fre 9000000 GH |
| 35.0 | | | | | | | | | | | | | CF Ste |
| 5.0 | | | | | | | | | | | | <u>Auto</u> | 400.000 kl Ma |
| 5.0 | | | | | | | | | | | | | Freq Offs |
| 5.0 | | | | | | | | | | | | | 01 |
| | | | | | | | | | | | | | Scale Typ |
| enter 1. Res BW | | | | | #VBW | 3.0 MHz | | | Sweep | Span 4 1.000 ms | 4.000 MHz (1001 pts) | Log | L |
| SG | | | | | | | | | STAT | US | | | |

Plot 7-255. Lower Extended Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 152 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 152 01 501 |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 |



| C SET D: Fast →→ in:Low #Atten: 3 | e Run | #Avg Type: RMS | S TRACE TYPE DE Ikr1 1.780 0 | 12:34:56 ANNINN 34 GHz 3 dBm 1. | Frequency Auto Tun Center Fre 78000000 GH Start Fre 772000000 GH Stop Fre 788000000 GH |
|---|-------|------------------------------|---------------------------------------|--|---|
| | 1 | M | lkr1 1.780 0 -27.4 | 3 dBm 1. | Center Fre 78000000 GH Start Fre 772000000 GH Stop Fre |
| | 1 | | | 1. | 78000000 GH Start Fre 772000000 GH Stop Fre |
| | 1 | | | | 772000000 GH Stop Fre |
| | 1 | | | 1. | |
| | | a mentana fato ana da sera a | we want the second | and the second | 1000000000 |
| | | | | Aut | CF Ste 1.600000 Mi 2 Mi |
| | | | | | Freq Offs 0 I |
| | | | Epop 4 | 001 ptc) | Scale Typ |
| | | | | Span 16 #VBW 1.6 MHz Sweep 1.000 ms (1 | Span 16.00 MHz |

Plot 7-256. Upper Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

| LXI RL | RF | 50 Ω AC | CORREC | | SEN | SE:INT SOU | | ALIGN AUTO | 12:17:21 AM | Apr 23, 2021 1 2 3 4 5 6 | Fi | requency |
|-----------------------|-------------------------------------|---------|-------------------------|--------------|--------------------------|-----------------|------------------------|------------|------------------------------------|---|-------------|-----------------------------------|
| PASS | | | PNO: Fa IFGain:L | | Trig: Free #Atten: 36 | | <i></i> | peritato | TYPE | A WWWWW A NNNNN | | |
| 10 dB/div | Ref 25. | 00 dBm | | | | | | Mkr1 | 1.783 99 -26.3 | 92 GHz 1 dBm | | Auto Tune |
| 15.0 | e 1 Pass | | | | | | | | | | | Center Freq 3000000 GHz |
| -5.00 | | | | | | | | | | | 1.78 | Start Fred 1000000 GHz |
| -15.0 | 9-33/ ⁻⁸ 04-871-14-2-14/ | | (Arana) (Arana) (Arana) | =operfection | thins in the second | hangalagenedike | elt and the manual the | 1 | the start of the same for the same | 1966 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - 1967 - | 1.78 | Stop Freq 5000000 GHz |
| -35.0 | | | | | | | | | | | <u>Auto</u> | CF Step 400.000 kH Mar |
| -55.0 | | | | | | | | | | | | Freq Offse 0 H: |
| Center 1.7 #Res BW | | Hz | | | .0 MHz | | | Sween 1 | Span 4.0 .000 ms (1 | 000 MHz | Log | Scale Type <u>Lir</u> |
| MSG | 1.0 10112 | | 7 | | | | | SWEEP | | oor pis) | | |
| | | | | | | | | | | | | |

Plot 7-257. Upper Extended Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Trud lo le part d & dement | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|--------------------------------------|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 153 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 153 01 301 | |
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LTE Band 71

| Keysight Spectrum Analyzer - Swept SA | | | | | - F 💌 |
|---------------------------------------|--|---------------|--------------------------------------|--|----------------------------------|
| RL RF 50Ω AC | | SENSE:INT SOU | RCE OFF ALIGN AUTO #Avg Type: RMS | 09:44:41 PM Apr 25, 2021 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A NNNNN | Frequency |
| ASS 0 dB/div Ref 25.00 dBm | IFGain:Low #A | Atten: 36 dB | Mkr1 | 662.987 5 MHz -25.90 dBm | Auto Tun |
| 15.0 | | ~~~~ | | ung | Center Fre 663.000000 MH |
| 5.00 | | | | | Start Fre 656.750000 M⊦ |
| 25.0 | | 1 | | | Stop Fre 669.250000 MH |
| 15.0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | CF Ste 1.250000 MH Auto Ma |
| 55.0 | | | | | Freq Offs 0 F |
| | | | | Onon 12 50 Mile | Scale Typ |
| enter 663.000 MHz Res BW 100 kHz | #VBW 30 | 0 kHz | Sweep 1 | Span 12.50 MHz .000 ms (1001 pts) | |

Plot 7-258. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)



Plot 7-259. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Prodit to be part of @verneer | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
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| Test Report S/N: | Test Dates: | EUT Type: | Page 154 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 154 01 501 |
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| | ectrum Analyzer | - Swept SA | | | | | | - ē <mark>×</mark> |
|----------------------|---------------------|------------|---------------------------|--------------------------------|----------------|-------------------------|---|--|
| XI RL | RF | 50 Ω AC | CORREC | SENSE: | INT SOURCE OFF | ALIGN AUTO Type: RMS | 09:42:51 PM Apr 25, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | | | PNO: Fast ↔ IFGain:Low | Trig: Free Ru #Atten: 36 dl | un C | | TYPE A WWWWW DET A NNNN | A |
| 10 dB/div Log | Ref 25.0 | 00 dBm | | | | Mk | r1 662.975 MHz -31.18 dBm | Auto Tune |
| 15.0 Trac | e 1 Pass | | | | | | | Center Fred 663.000000 MH |
| 5.00 | | | | | | | | Start Free 650.500000 MH |
| -15.0 | | | | | | | | Stop Free 675.500000 MH |
| 45.0 | | | | m | | | | CF St ej 2.500000 MH <u>Auto</u> Ma |
| 55.0 | mmmm | m | | | | | | Freq Offse 0 H |
| 65.0 | | | | | | | | Scale Typ |
| Center 66 ≉Res BW | 3.00 MHz 100 kHz | | #VBW | 300 kHz | | Sweep | Span 25.00 MHz 1.200 ms (1001 pts) | Log <u>Li</u> ı |
| ISG | | | | | | STATU | IS | |

Plot 7-260. Lower Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)



Plot 7-261. Upper Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to ler part uf @ viewered | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|---|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 155 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 155 of 301 | |
| © 2021 PCTEST | | | Version 2.0, 5/21/2021 | |



| | ctrum Analyzer | - Swept SA | | | | | |
|----------------------|----------------|---|-----------------------------|---------------------------------|--|---|---|
| L <mark>XI</mark> RL | RF 5 | OΩ AC | CORREC | SENSE:INT S | OURCE OFF ALIGN AUTO #Avg Type: RMS | 09:38:42 PM Apr 25, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | | | PNO: Fast ++- IFGain:Low | Trig: Free Run #Atten: 36 dB | • // | | Auto Tune |
| 10 dB/div Log | Ref 25.0 | 0 dBm | | | Mkr | 1 662.962 5 MHz -30.23 dBm | Auto Tune |
| 15.0 Trace | e 1 Pass | | | | | | Center Freq 663.000000 MHz |
| -5.00 | | | | | | | Start Free 644.250000 MH: |
| -15.0 | | | | | | | Stop Free 681.750000 MH |
| 35.0 | | | | and and | | horn | CF Stej 3.750000 MH <u>Auto</u> Ma |
| 55.0 | <u></u> | <u>~~~</u> /~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~ | | | | Freq Offse 0 H |
| -65.0 | | | | | | | Scale Type |
| Center 66 #Res BW | | | #VBW | 510 kHz | Sweep | Span 37.50 MHz 1.000 ms (1001 pts) | Log <u>Lir</u> |
| MSG | | | | | STAT | US | |

Plot 7-262. Lower Band Edge Plot (LTE Band 71 - 15MHz QPSK - Full RB)



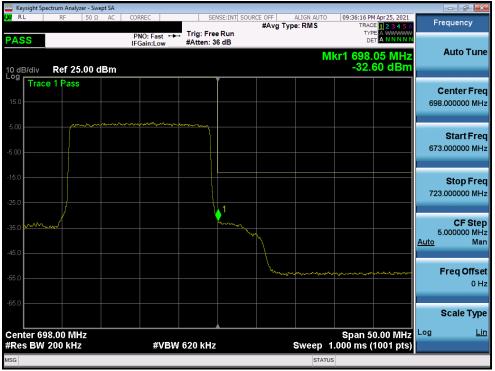
Plot 7-263. Upper Band Edge Plot (LTE Band 71 - 15MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to ler part uf @ viewered | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager | |
|---------------------|---|----------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 156 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 156 of 301 | |
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| | ectrum Analyz | zer - Swep | t SA | | | | | | | | | - | - 6 💌 |
|----------------------|---------------|------------|------|--|-------------|--|------------|---|--|--------------------|---|--------------------|-----------------------------|
| LXI RL | RF | 50 Ω | AC | CORREC | | SEN | NSE:INT SO | | ALIGN AUTO ype: RMS | | M Apr 25, 2021 CE 1 2 3 4 5 6 | Fre | quency |
| PASS | | | | PNO: Fa IFGain:L | ist ↔ ow | Trig: Free #Atten: 3 | | | | TY D | | | |
| 10 dB/div | Ref 25 | .00 dE | 3m | | | | | | N | 1kr1 662 -31. | .95 MHz 83 dBm | | Auto Tune |
| Log Trace | e 1 Pass | | | | | | | | | | | | enter Freq 100000 MHz |
| -5.00 | | | | | | | | <u>, , , , , , , , , , , , , , , , , , , </u> | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | Start Fred 000000 MH2 |
| -15.0 | | | | | | | | | | | | | Stop Fred 100000 MH: |
| -35.0 | | | | | سر | and the second sec | | | | | Jon man w | 5.0 <u>Auto</u> | CF Step 100000 MH Mai |
| 55.0 | m | -n | nnum | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | <i></i> | | | | | | | F | r eq Offse 0 H |
| -65.0 | | | | | | | | | | | | | cale Type |
| Center 66 #Res BW | | | | # | VBW | 680 kHz | | | Sweep | Span : 1.000 ms | 60.00 MHz (1001 pts) | Log | Lin |
| MSG | | | | | | | | | STATU | JS | | | |

Plot 7-264. Lower Band Edge Plot (LTE Band 71 - 20MHz QPSK - Full RB)

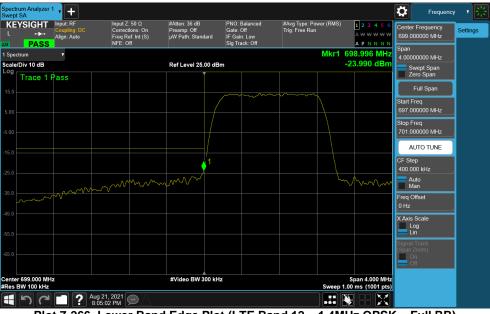


Plot 7-265. Upper Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST. Predicible part of @ dervert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 157 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 157 01 501 |
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LTE Band 12



Plot 7-266. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)



Plot 7-267. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST* | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 159 of 201 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 158 of 301 |
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| KEYSIGHT Input: RF L Imput: RF Align: Auto | Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Off | #Atten: 36 dB Preamp: Off μW Path: Standard | PNO: Balanced Gate: Off IF Gain: Low Sig Track: Off | #Avg Type: Power (RMS) Trig: Free Run | 1 2 3 4 5 6 A W W W W A N N N N N | Center Frequency 699.000000 MHz Span | Setting |
|--|---|---|--|--|---|--|---------|
| Spectrum v ale/Div 10 dB | | Ref Level 25.00 dB | im | | 698.996 MHz -20.013 dBm | 4.00000000 MHz | |
| Trace 1 Pass | | | | | | Zero Span Full Span | |
| | | | | ~~~~~ | | Start Freq 697.000000 MHz | |
| | | | | | | Stop Freq 701.000000 MHz | |
| 0 | | /1- | | | | AUTO TUNE | |
| | | M | | | | 400.000 kHz Auto Man | |
| 0 | | | | | | Freq Offset 0 Hz | |
| 0 | | | | | | X Axis Scale Log Lin | 1 |
| | | | | | | Signal Track (Span Zoom) On | |
| nter 699.000 Mila | | #Video BW 300 kH | - | | Span 4.000 MHz | Off | |
| enter 699.000 MHz Res BW 100 kHz | 21, 2021 | #Video BW 300 kH | z | | Span 4.000 MHz .00 ms (1001 pts) | | |

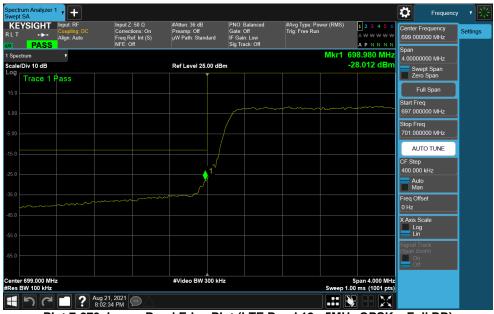
Plot 7-268. Lower Band Edge Plot (LTE Band 12 - 3MHz QPSK - Full RB)



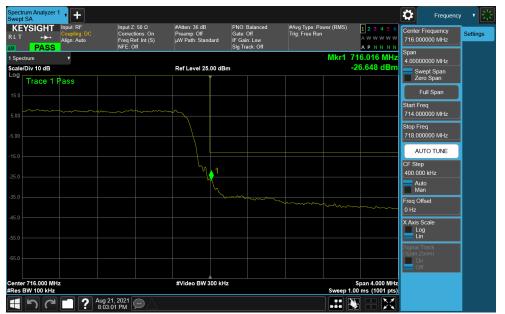
Plot 7-269. Upper Band Edge Plot (LTE Band 12 - 3MHz QPSK - Full RB)

| FCC ID: BCGA2568 | PCTEST. Predicible per di @ sierzed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 159 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 159 01 501 |
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Plot 7-270. Lower Band Edge Plot (LTE Band 12 - 5MHz QPSK – Full RB)



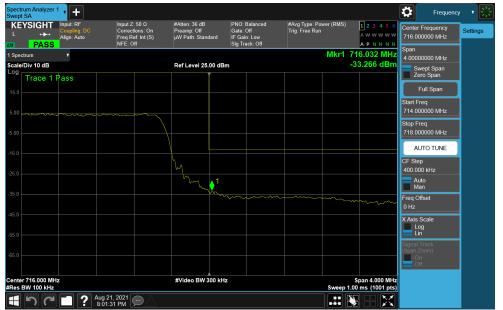
Plot 7-271. Upper Band Edge Plot (LTE Band 12 - 5MHz QPSK - Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to ler part of @ viewnest | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 160 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 100 01 301 |
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Plot 7-272. Lower Band Edge Plot (LTE Band 12 - 10MHz QPSK – Full RB)

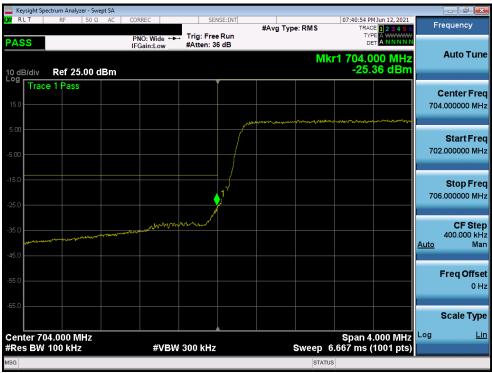




| FCC ID: BCGA2568 | PCTEST. Prode bie pet di @ enteret | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 161 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 101 01 301 |
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LTE Band 17



Plot 7-274. Lower Band Edge Plot (LTE Band 17 - 5MHz QPSK - Full RB)



Plot 7-275. Upper Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)

| FCC ID: BCGA2568 | The set of | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 162 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 102 01 301 |
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| | ctrum Analyze | | | | | | | | | | | | |
|----------------------|-----------------------|--------|----------------|-------------------|-------------|-------------------------|----------|---------|-------|----------------------|-----------------------|-------------|-----------------------------|
| X/RLT | RF | 50 Ω / | AC CC | RREC | | SEN | ISE:INT | #Avg Ty | e RMS | TRAC | MJun 12, 2021 | F | requency |
| PASS | | | | NO: Wi Gain:Lo | de ⊶⊶ ow | Trig: Free #Atten: 3 | | | | TYI DI | | | |
| 10 dB/div Log 👝 | Ref 25. | 00 dBi | m | | | | | | Μ | kr1 704.0 -31. | 00 MHz 78 dBm | | Auto Tune |
| 15.0 | e 1 Pass | | | | | | | | | | | | Center Fred 4.000000 MH: |
| -5.00 | | | | | | | | | | | | 70: | Start Fred 2.000000 MH |
| -15.0 | | | | | | | 1 | | | | | 70 | Stop Free 5.000000 MH: |
| 35.0 | Non-extensionalisers) | war | وسريتيه مسريات | | | Aparenapurat | . | | | | | <u>Auto</u> | CF Stej 400.000 kH Ma |
| 55.0 | | | | | | | | | | | | | Freq Offse 0 H |
| 65.0 | | | | | | | | | | | | | Scale Typ |
| Center 70 #Res BW | | z | | # | VBW | 300 kHz | | | Sweep | Span 4 6.667 ms (| .000 MHz 1001 pts) | Log | Lii |
| ISG | | | | | | | | | STA | TUS | | | |

Plot 7-276. Lower Band Edge Plot (LTE Band 17 - 10MHz QPSK - Full RB)

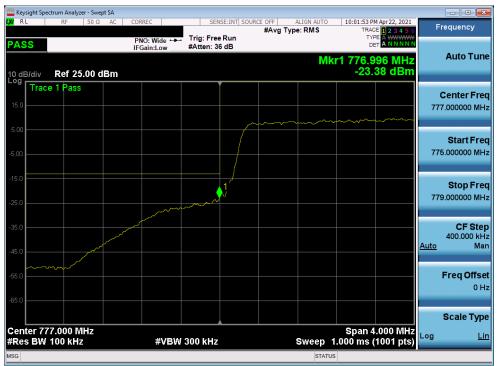


Plot 7-277. Upper Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST. Predicible part of @ dervert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 163 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 103 01 301 |
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LTE Band 13



Plot 7-278. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)



Plot 7-279. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK - Full RB)

| FCC ID: BCGA2568 | PCTEST Prod b be part of @removed | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--------------------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 164 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 164 01 301 |
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| RL RF 50 Ω AC ASS | CORREC PNO: Wide ↔→ IFGain:Low | | | #Avg Typ | ALIGN AUTO | 10:02:27 PM TRACE | 123456 | Fr | equency |
|---|--------------------------------------|---------|---|----------|------------|-----------------------|-----------------|-------------|-------------------------------|
|)d | | | | | | DET | | | |
| 9 | | | | | Mki | r1 787.00 -23.2 | 04 MHz 2 dBm | | Auto Tur |
| Trace 1 Pass | | ~~~ | | | | | | | Center Fre |
| 00 | | | | | | | | 785 | Start Fr 6.000000 M |
| 5.0 | | | 1 | | | | | 789 | Stop Fr 0.000000 M |
| .0 | | | | | | | | <u>Auto</u> | CF Ste 400.000 k M |
| 5.0 | | | | | | | | | Freq Offs 0 |
| enter 787.000 MHz Res BW 100 kHz | #VBW | 300 kHz | | | Sweep_1 | Span 4. .000 ms (1 | 000 MHz | Log | Scale Tyj |

Plot 7-280. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)

| Keysight Spectrum Analyzer - Swept SA | | | | | - ¢ × |
|---------------------------------------|------------------------------------|---|--|--|---------------------------------|
| LX/ R L RF 50 Ω AC | CORREC | SENSE:INT SOUR | CE OFF ALIGN AUTO #Avg Type: RMS | 10:06:08 PM Apr 25, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | | Trig: Free Run #Atten: 36 dB | | | Auto Tune |
| 10 dB/div Ref 20.00 dBm | 1 | | Mkr1 7 | 793.445 25 MHz -52.08 dBm | Auto Tune |
| Trace 1 Pass | | ľ | | | Center Freq |
| 10.0 | | | | | 799.500000 MHz |
| 0.00 | | | | | Start Freq |
| -10.0 | | | | | 793.000000 MHz |
| -20.0 | | | | | Stop Freq |
| -30.0 | | | | | 806.000000 MHz |
| | | | | | CF Step |
| -40.0 | | | | | 1.300000 MHz <u>Auto</u> Man |
| -50.0 | | | | | |
| | manutility and and a second second | | | | Freq Offset 0 Hz |
| -70.0 | | and the second | มาระวังหมายรู้ เป็นหมายรู้ และ เหมียาไปรักษณ์ เกมาะ | hyrennysenddraegnaetharanglyddyddiadaethadhyganaendd | October T |
| | | | | | Scale Type |
| Center 799.500 MHz #Res BW 6.8 kHz | #VBW 3 | l0 kHz | Sweep 8 | Span 13.00 MHz 8.53 ms (4001 pts) | Log <u>Lin</u> |
| MSG | | | STATUS | 3 | |

Plot 7-281. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK - Full RB)

| FCC ID: BCGA2568 | PCTEST. Prodice la part of @ dervert | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|---|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 165 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 105 01 501 |
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| Keysight Spectrum Analyzer - Swept SA | | | | | |
|---------------------------------------|---------------------------|---|---------------------------------|--|----------------------------|
| XIRL RF 50Ω AC | CORREC | SENSE:INT SOU | JRCE OFF ALIGN #Avg Type: RN | | Frequency |
| PASS | PNO: Wide ↔ IFGain:Low | Trig: Free Run #Atten: 36 dB | #Avg Type. Riv | | |
| IO dB/div Ref 25.00 dBm | | | | Mkr1 776.944 MHz -29.62 dBm | Auto Tune |
| Og Trace 1 Pass | | Ĭ | | | Center Fred |
| 15.0 | | | | | 777.000000 MHz |
| | | | | | |
| 5.00 | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Start Free |
| 5.00 | | | | | 775.000000 MH |
| | | | | | |
| 15.0 | | | | | |
| | | | | | Stop Free 779.000000 MH |
| -25.0 | | <u>سلم م</u> ړا ∕ | | | 775.000000 1111 |
| 35.0 | ~~~~ | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | CF Ste |
| | - man | | | | 400.000 kH |
| -45.0 | | | | | <u>Auto</u> Ma |
| | | | | | |
| -55.0 | | | | | Freq Offse |
| 65.0 | | | | | 0 H |
| | | | | | Coolo Trav |
| Center 777.000 MHz | | | | Spop 4 000 MHz | Scale Type |
| Res BW 100 kHz | #VBW | 300 kHz | Swe | Span 4.000 MHz ep 1.000 ms (1001 pts) | Log <u>Lii</u> |
| ISG | | | | STATUS | |

Plot 7-282. Lower Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

| 🚾 Keysight Spectrum Analyzer - Swept | | | | | – ē 🔀 |
|---------------------------------------|--|---------------------------------|--|---|-------------------------|
| LX/ RL RF 50 Ω | AC CORREC | SENSE:INT SOU | JRCE OFF ALIGN AUTO #Avg Type: RMS | 09:52:44 PM Apr 25, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | PNO: Wide | Trig: Free Run #Atten: 36 dB | | | |
| 10 dB/div Ref 15.00 dB | m | | Mk | r1 772.921 MHz -64.82 dBm | Auto Tune |
| Trace 1 Pass | | | | | Center Freq |
| 5.00 | | | | | 769.000000 MHz |
| -5.00 | | | | | Start Freq |
| -15.0 | | | | | 763.000000 MHz |
| -25.0 | | | | | Stop Freq |
| -35.0 | | | | | 775.000000 MHz |
| -45.0 | | | | | CF Step 1.200000 MHz |
| -55.0 | | | | | <u>Auto</u> Mar |
| -65.0 | | | | ♦ ¹ | Freq Offset |
| -75.0 | ter (m) - m faithe faithe differ of the faither faither for the faither of the fa | toyan a tiya ana na pakataki sh | gited biogeth i through yet faiter for a third attention of the second second second second second second second | Aller (1997 - Constant of Antiple Service States) | 0 Hz |
| -73.0 | | | | | Scale Type |
| Center 769.000 MHz #Res BW 6.8 kHz | #VBW | 30 kHz | Sweep 8 | Span 12.00 MHz 1.87 ms (4001 pts) | Log <u>Lin</u> |
| MSG | | | STATU | | |

Plot 7-283. Lower Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | PCTEST Proud to be part of & demend | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 166 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 100 01 301 |
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| www.www.com.com.com.com.com.com.com.com.com.com | | | | | | |
|---|--|-------------|------------------|-----------------|---|--|
| LX/RL RF 50 | Ω AC CORREC | SEI | SE:INT SOURCE OF | F ALIGN AUTO | 10:00:42 PM Apr 22, 2021 TRACE 1 2 3 4 5 6 | Frequency |
| PASS | PNO: Wi IFGain:L | | e Run | tvg Type: Rivis | | |
| 10 dB/div Ref 25.00 | dBm | | | Mk | r1 787.012 MHz -28.48 dBm | Auto Tur |
| Log Trace 1 Pass | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | Center Fre 787.000000 MF |
| -5.00 | | | | | | Start Fre 785.000000 MH |
| -15.0 | | Long and | 1 | | | Stop Fre 789.000000 MH |
| -95.0 | | | | | ······································ | CF Ste 400.000 kH <u>Auto</u> Ma |
| -55.0 | | | | | | Freq Offs 0 H |
| Center 787.000 MHz #Res BW 100 kHz | | VBW 300 kHz | | Swoon | Span 4.000 MHz .000 ms (1001 pts) | Scale Typ |
| | # | VBW 300 KH2 | | sweep | .000 ms (1001 pts) | |
| | | | | 314103 | 1 | |

Plot 7-284. Upper Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

| 🔤 Keysight Sp | ectrum Analyze | er - Swep | pt SA | | | | | | | | | | - ē X |
|----------------------|------------------|-----------|---|--|-----------------------|------------------------|----------------------------|----------------|------------------------------|---------------------------|-----------------------|-------------|------------------------------------|
| L <mark>XI</mark> RL | RF | 50 Ω | AC | CORREC | | SEI | NSE:INT SOU | | ALIGN AUTO Type: RMS | | M Apr 25, 2021 | F | requency |
| PASS | | | | PNO: V IFGain: | /ide ↔ Low | Trig: Fre #Atten: 3 | | #/119 | Type. Kino | TYF | | | |
| 10 dB/div Log | Ref 20. | 00 d | Bm | | | | | | Mkr1 | 793.230 -45. | 75 MHz 40 dBm | | Auto Tune |
| 10.0 Trac | e 1 Pass | | | | | | | | | | | | Center Freq 9.500000 MHz |
| -10.0 | | | | | | | | | | | | 79 | Start Freq 3.000000 MHz |
| -20.0 | | | | | | | | | | | | 80 | Stop Freq 6.000000 MHz |
| -40.0 | 111111 - ALBRICA | khinud. | | | | | | | | | | <u>Auto</u> | CF Step 1.300000 MHz Man |
| -60.0 | | , | ut an | hepperter the state of the stat | tynn ed ad f a | with more sound by | harland had signal the way | Manual Manager | and the second second second | Mary Mary Construction of | | | Freq Offset 0 Hz |
| -70.0 | | | | | | | | | | and and and and and an | | | Scale Type |
| Center 79 #Res BW | | Ηz | | | #VBW | 30 kHz | | | Sweep | Span 1 88.53 ms (| 3.00 MHz 4001 pts) | Log | Lin |
| MSG | | | | | | | | | STAT | US | | | |

Plot 7-285. Upper Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

| FCC ID: BCGA2568 | Read to be part of @denset | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 167 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 107 01 301 |
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NR Band n66



Plot 7-286. Lower Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM QPSK - Full RB)



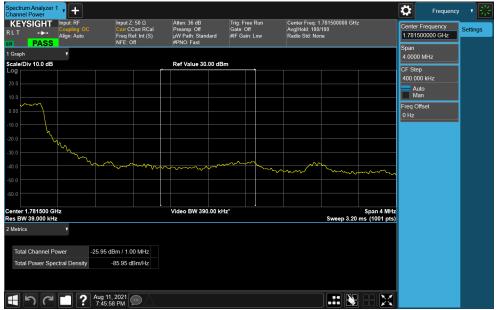
Plot 7-287. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM QPSK - Full RB)

| FCC ID: BCGA2568 | | PART 27 MEASUREMENT REPORT | Approved by: Quality Manager |
|---------------------|----------------------|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 169 of 201 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 168 of 301 |
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Plot 7-288. Upper Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-289. Upper Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

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|---------------------|--|----------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 169 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 169 01 301 |
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Plot 7-290. Lower Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM $\pi/2$ BPSK- Full RB)



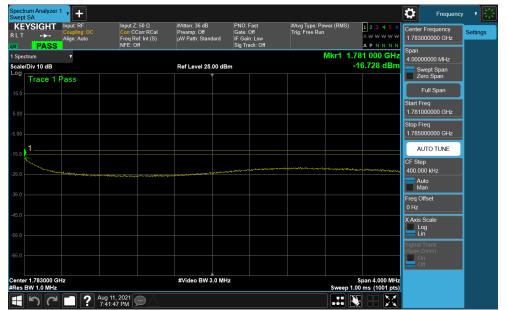
Plot 7-291. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

| FCC ID: BCGA2568 | PART 27 MEASUREMENT REPORT | | Approved by: Quality Manager | |
|---------------------|----------------------------|---------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dega 170 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 170 of 301 | |
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Plot 7-292. Upper Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-293. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

| FCC ID: BCGA2568 | | | | |
|---------------------|----------------------|---------------|------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 171 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 171 01 501 | |
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Plot 7-294. Lower Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-295. Lower Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

| FCC ID: BCGA2568 | PART 27 MEASUREMENT REPORT | | Approved by: Quality Manager | |
|---------------------|----------------------------|---------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dega 170 of 201 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Page 172 of 301 | |
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Plot 7-296. Upper Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM π/2 QPSK - Full RB)

| EYSIGHT Input: RF T T Align: Auto PASS | Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off | #Atten: 36 dB Preamp: Off μW Path: Standard | PNO: Fast Gate: Off IF Gain: Low Sig Track: Off | #Avg Type: Power (RMS) Trig: Free Run | 1 2 3 4 5 6 A W W W W A P N N N N | Center Frequency 1.783000000 GHz Span | Settings |
|--|--|---|---|--|---|---|----------|
| pectrum v ale/Div 10 dB | | Ref Level 25.00 dE | m | | 781 000 GHz 20.219 dBm | 4.00000000 MHz | |
| Trace 1 Pass | | Í | | | | Zero Span Full Span | |
| | | | | | | Start Freq 1.781000000 GHz | |
| | | | | | | Stop Freq 1.785000000 GHz | |
| 0 | | | | | | AUTO TUNE CF Step | |
| 0 | and a state of the | | and a second and a s | | | 400.000 kHz Auto Man | |
| | | | | | | Freq Offset 0 Hz | |
| 0 | | | | | | X Axis Scale Log Lin | |
| | | | | | | Signal Track (Span Zoom) On | |
| nter 1.783000 GHz | | #Video BW 3.0 MH | z | | Span 4.000 MHz 00 ms (1001 pts) | Off | |

Plot 7-297. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM π/2 QPSK - Full RB)

| FCC ID: BCGA2568 | PART 27 MEASUREMENT REPORT | | Approved by: Quality Manager | |
|---------------------|----------------------------|---------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 173 of 301 | |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 175 01 501 | |
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Plot 7-298. Lower Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-299. Lower Extended Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

| FCC ID: BCGA2568 | PART 27 MEASUREMENT REPORT | | Approved by: Quality Manager |
|---------------------|----------------------------|---------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 174 of 301 |
| 1C2106080049-03.BCG | 6/2/2021 - 8/21/2021 | Tablet Device | Fage 174 01 301 |
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