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Report No.: KR20-SRF0115-A

Page (41) of (103)





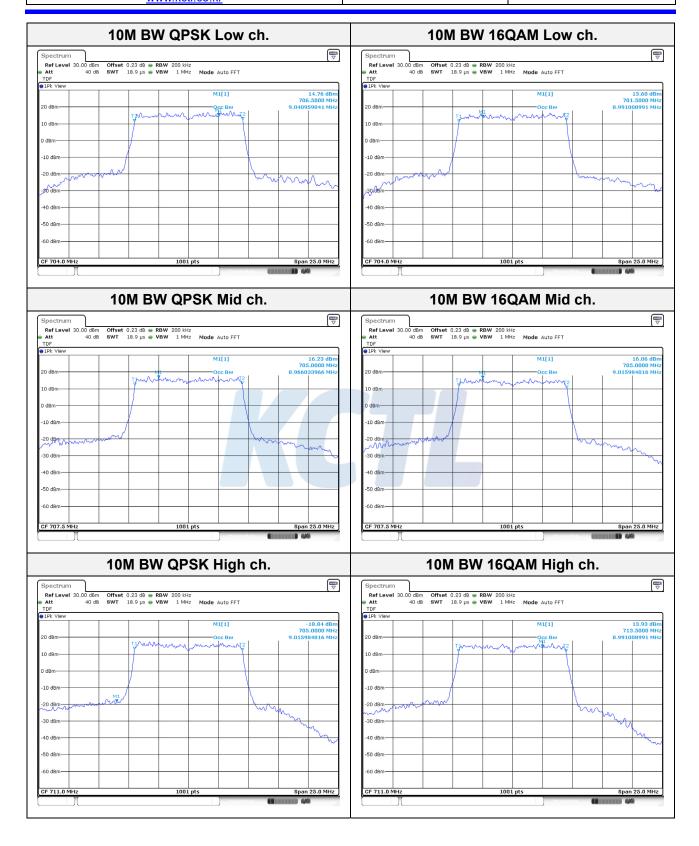
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Report No.: KR20-SRF0115-A

Page (42) of (103)





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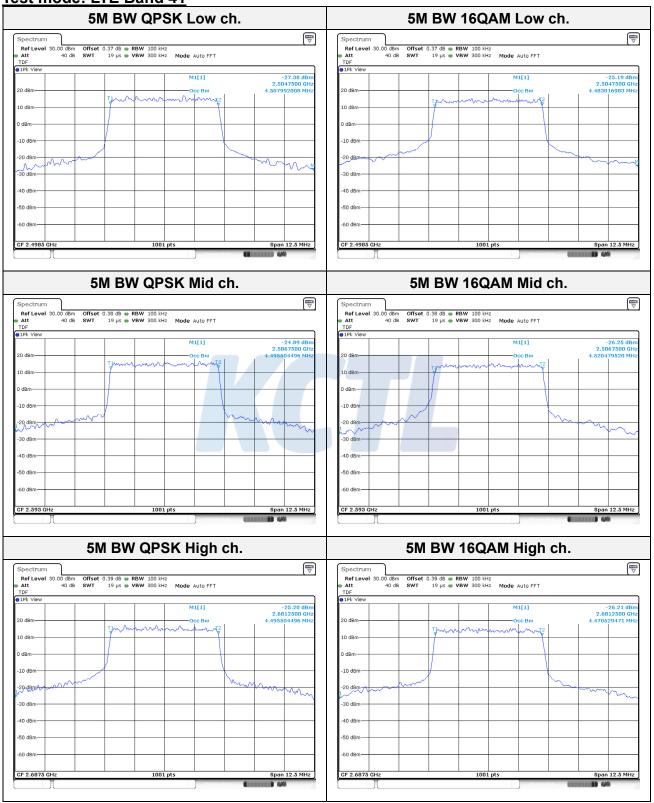
Page (43) of (103)

Report No.:

KR20-SRF0115-A



Test mode: LTE Band 41



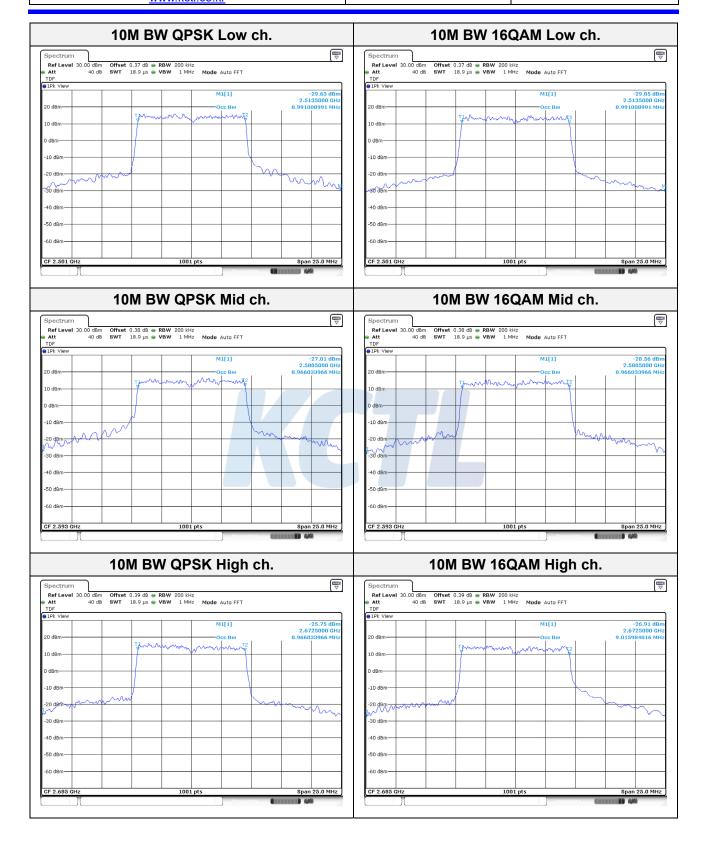
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Report No.: KR20-SRF0115-A

Page (44) of (103)





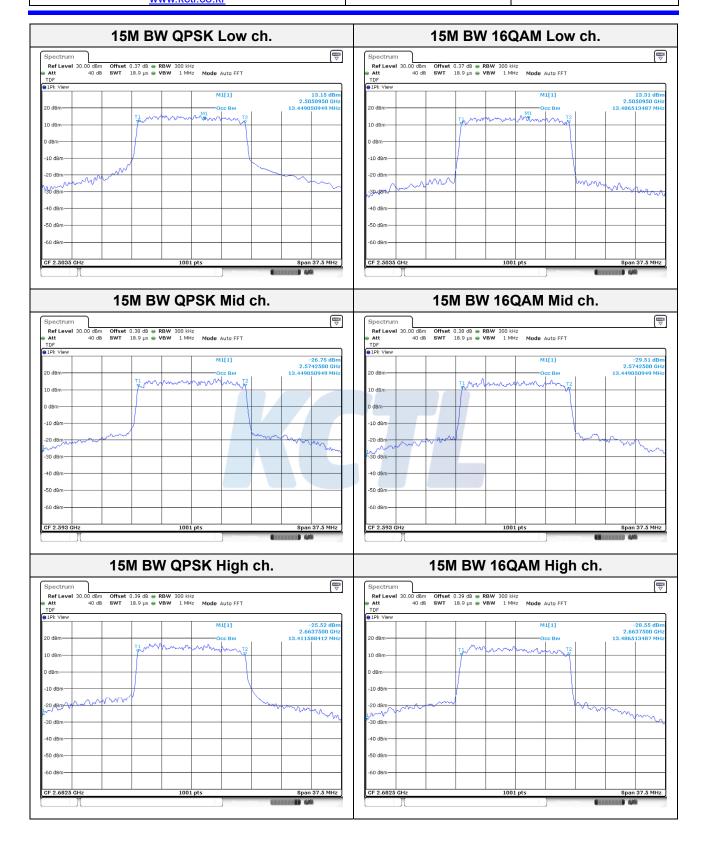
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Report No.: KR20-SRF0115-A

Page (45) of (103)





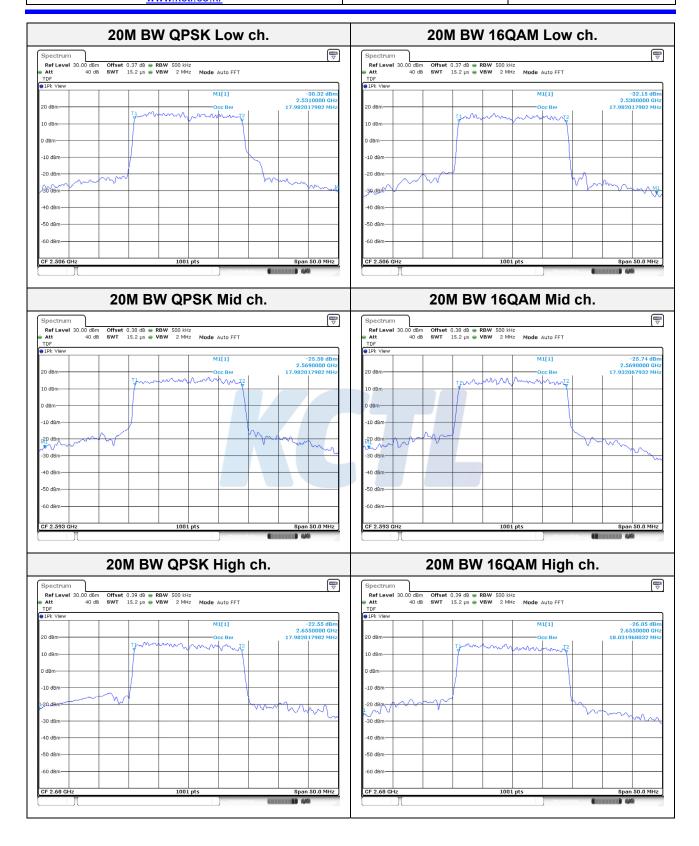
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Report No.: KR20-SRF0115-A

Page (46) of (103)





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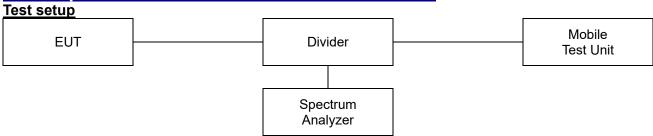
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Report No.: KR20-SRF0115-A

Page (47) of (103)



7.3. Spurious Emissions at Antenna Terminal



<u>Limit</u>

According to §22.917(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + $10\log(P_{\text{[Watts]}})$ dB.

According to §27.53(g), for operations in the 600 Mb band and the 698-746 Mb band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + $10\log(P_{\text{[Watts]}})$ dB.

According to \$27.53(m)(4), the minimum permissible attenuation level of any spurious emission is 55 + $10log(P_{IWatts1})$ dB.

Test procedure

971168 D01 v03r01 - Section 6 ANSI 63.26-2015 - Section 5.7

Test settings

- 1) Start frequency was set to 30 Mb and stop frequency was set to at least 10th the fundamental frequency.
- 2) Detector = RMS
- 3) Sweep time = auto couple.
- 4) Trace mode = trace average
- 5) Allow trace to fully stabilize.
- 6) Please see test notes below RBW and VBW settings.

Notes:

1. Per 22.917(b), 27.53(g) and 27.53(m)(6), compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 Hz and 1 Hz or greater for frequencies greater than 1 Hz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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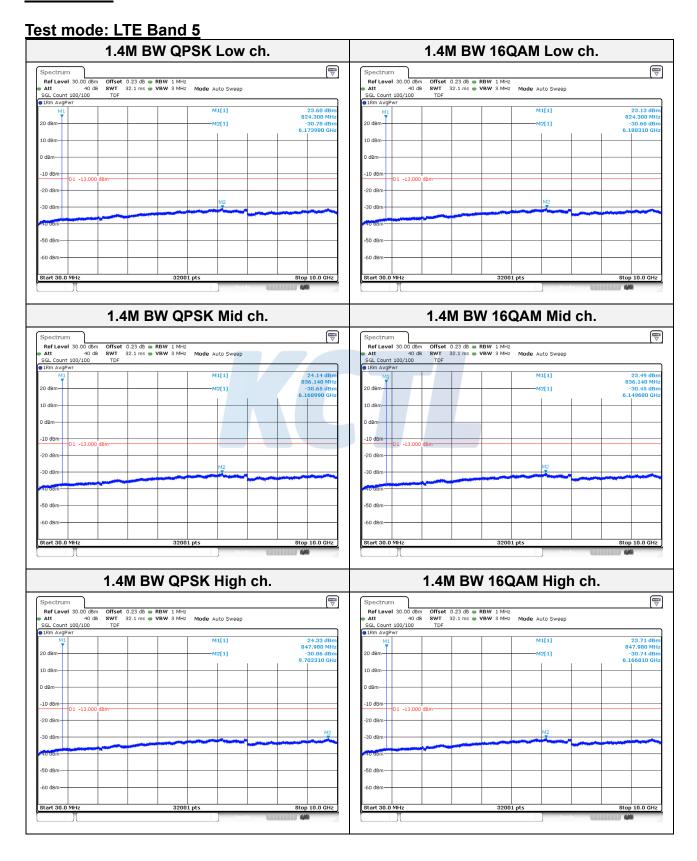
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Report No.: KR20-SRF0115-A

Page (48) of (103)



Test results



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Report No.: KR20-SRF0115-A

Page (49) of (103)



