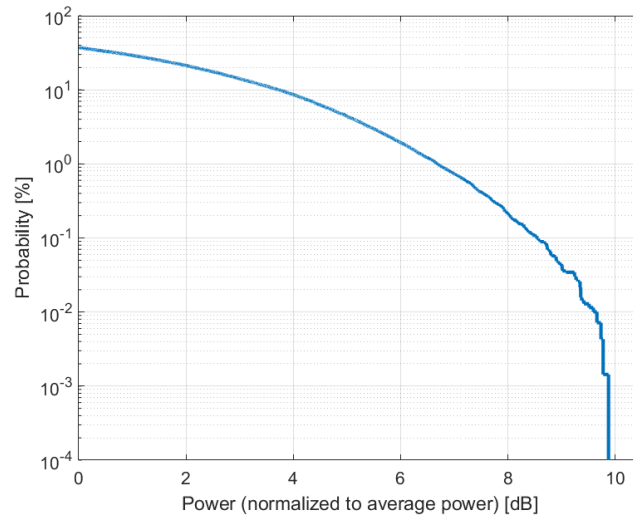
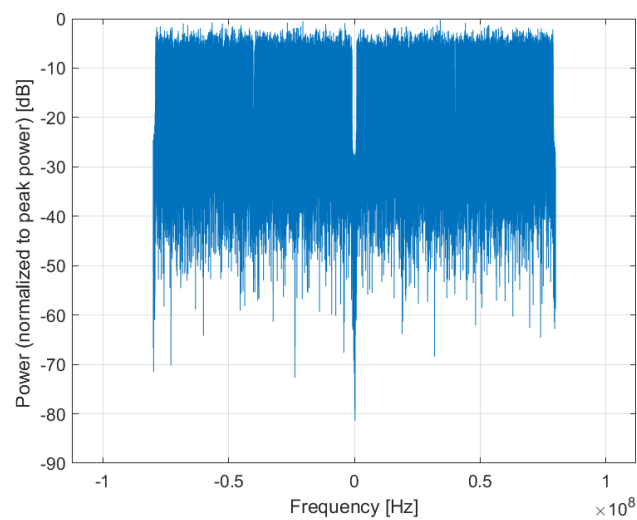
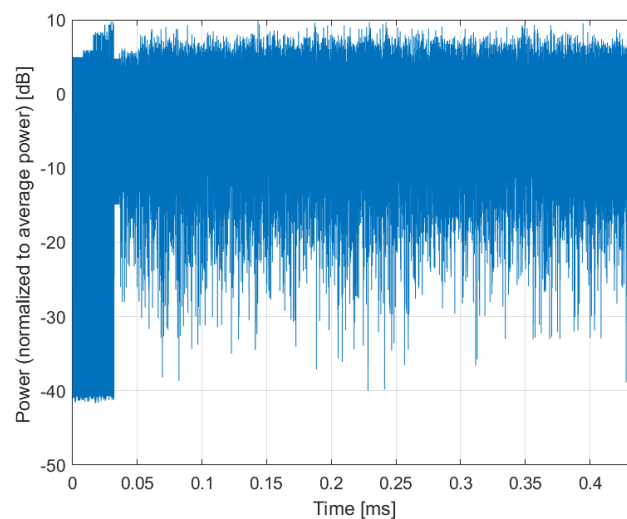




**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

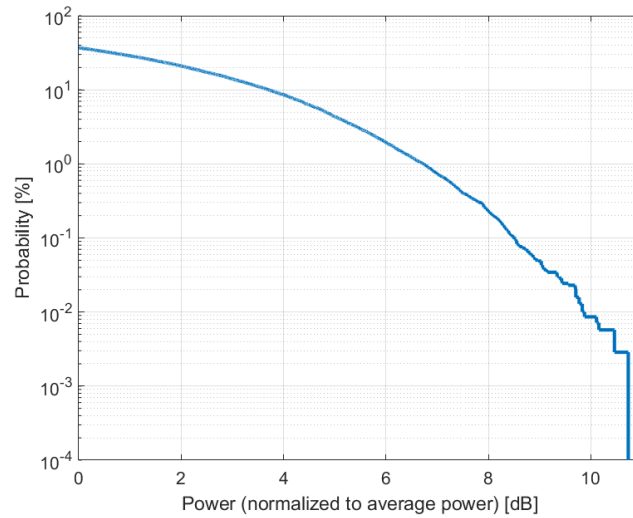


**Time Domain**

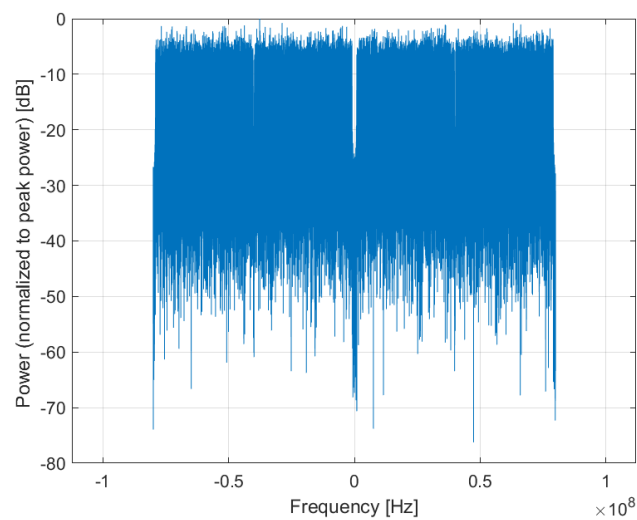
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|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)</b>                                                                                                                                                                                                                                                             |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                              |
| UID:                    | 10766-AAA                                                                                                                                                                                                                                                                                                         |
| PAR: <sup>1</sup>       | <b>8.51 dB</b>                                                                                                                                                                                                                                                                                                    |
| MIF: <sup>2</sup>       | <b>-16.98 dB</b>                                                                                                                                                                                                                                                                                                  |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                             |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                       |
| Modulation:             | 1024-QAM                                                                                                                                                                                                                                                                                                          |
| Frequency Band:         | WLAN 2.4GHz (2412.0 - 2484.0 MHz)<br>WLAN 5GHz (4915.0 - 5825.0 MHz)<br>U-NII-1, U-NII-2A (5170 - 5330 MHz)<br>U-NII-2C Standalone (5490 - 5710 MHz)<br>U-NII-2C <5.65 GHz (5490 - 5650 MHz)<br>U-NII-3 Standalone (5735 - 5835 MHz)<br>U-NII-2C, U-NII-3 (5650 - 5835 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty Cycle: 99%<br>Number of spatial stream: 1                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                         |
| Integration Time:       | 0.4 ms                                                                                                                                                                                                                                                                                                            |

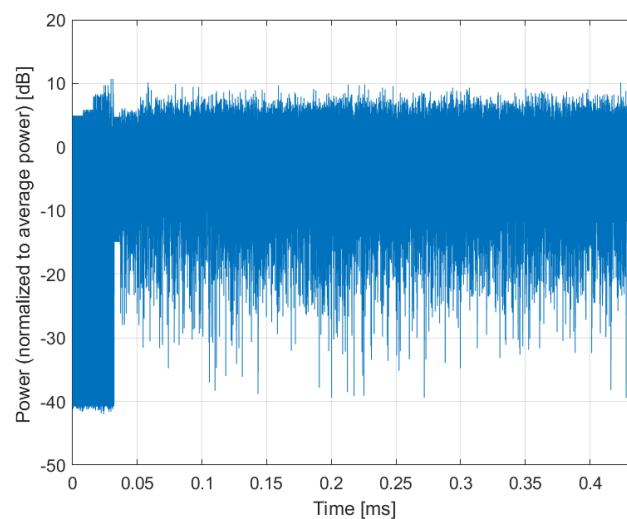
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

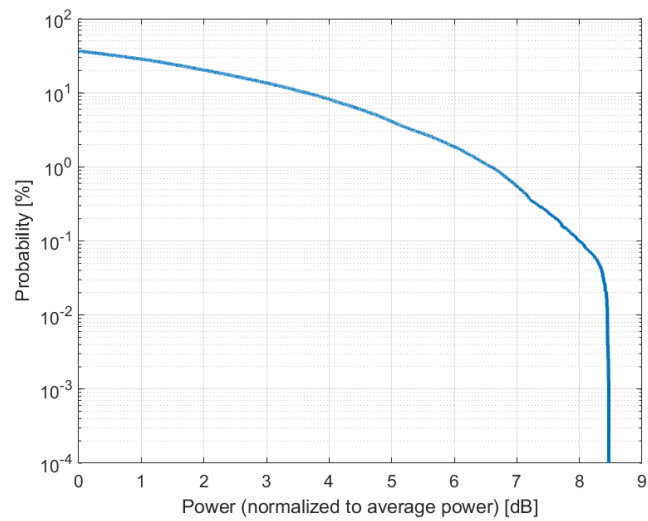


**Time Domain**

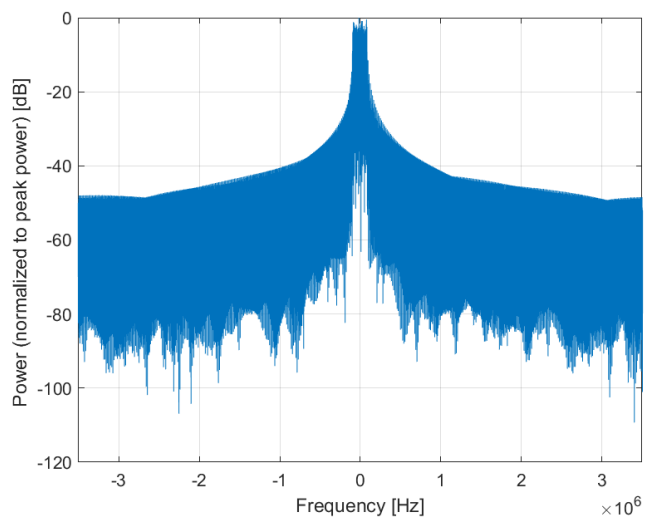
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|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                  |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10767-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>7.99 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-12.18 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n51 (1427 - 1432 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                   |
| Bandwidth:              | 5.0 MHz                                                                                                                                                                                                                                                                            |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

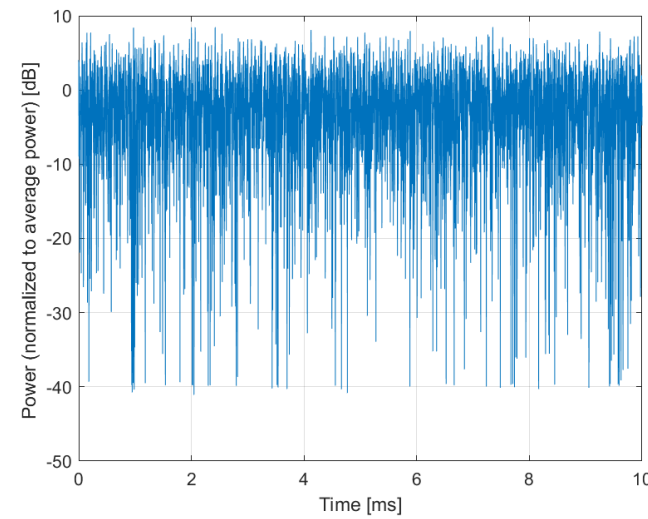
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

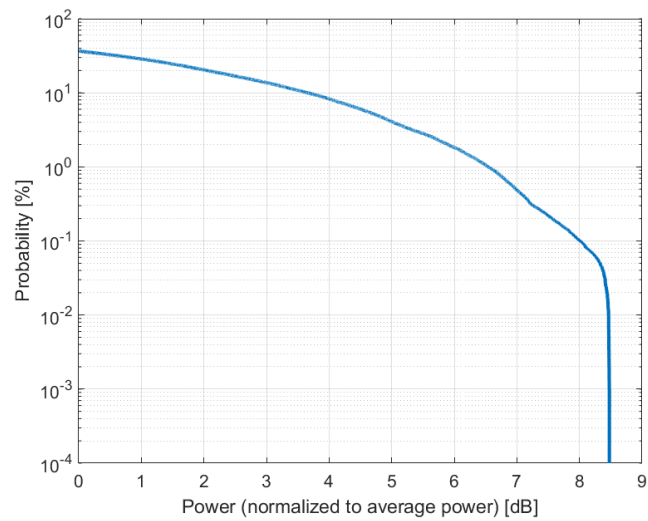


Time Domain

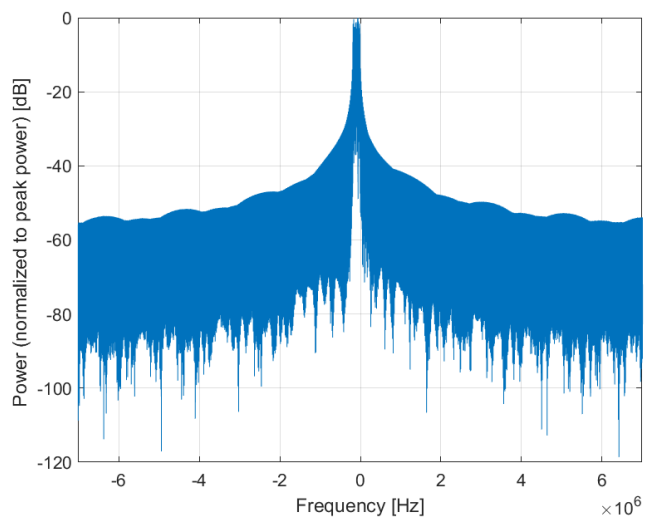
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|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                             |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10768-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.01 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-12.26 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                               |
| Bandwidth:              | 10.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

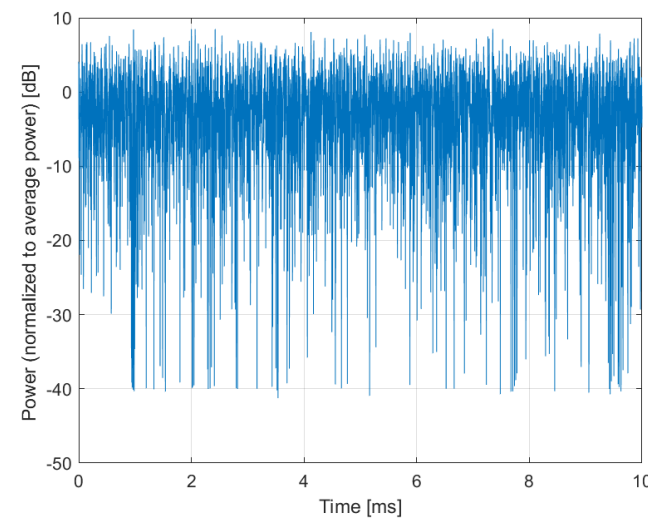
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



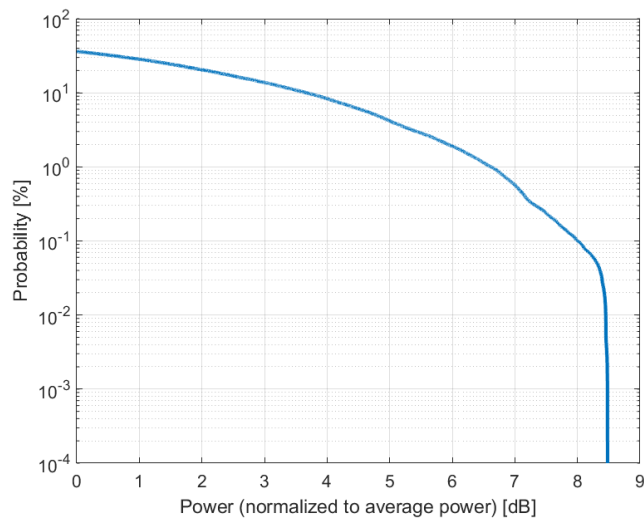
Time Domain

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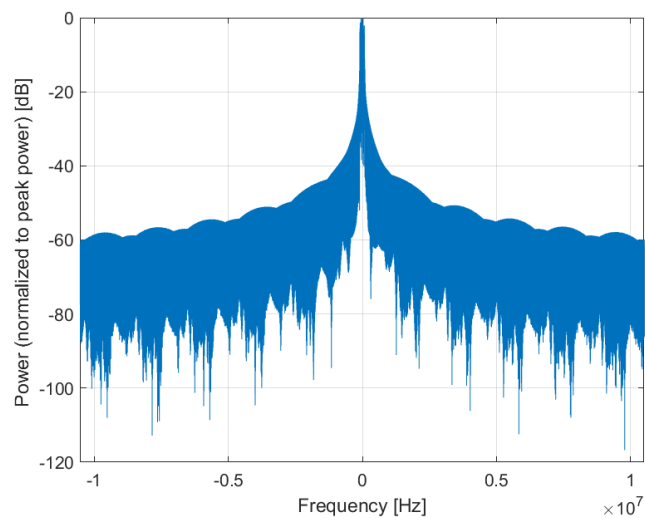
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                             |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10769-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.01 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-12.08 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                               |
| Bandwidth:              | 15.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

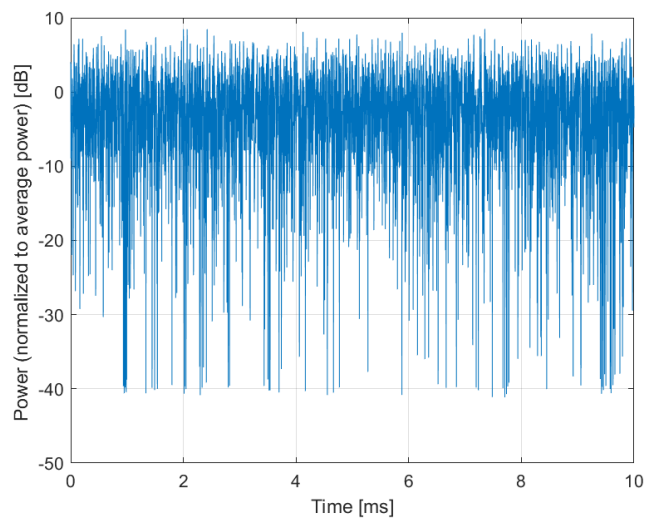
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

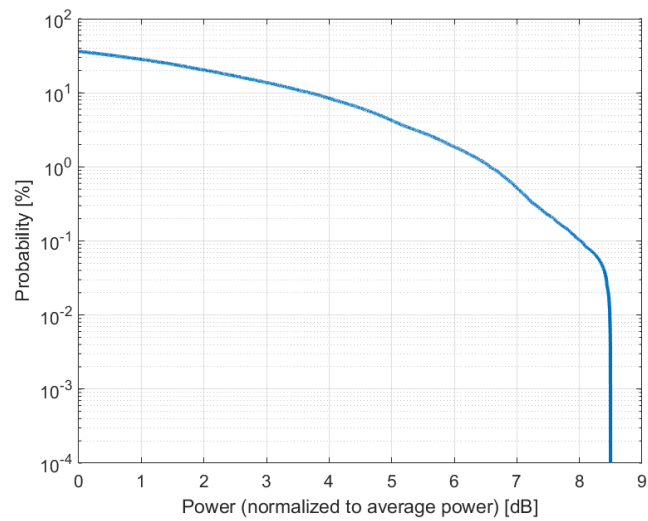


**Time Domain**

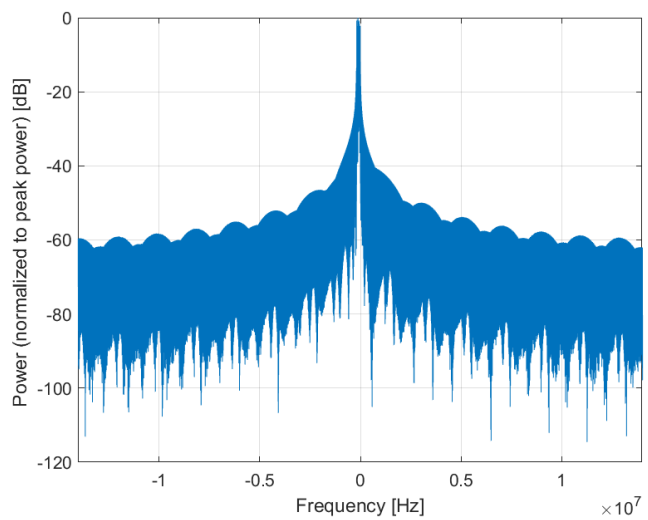
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|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                    |
| UID:                    | 10770-AAC                                                                                                                                                                                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>8.02 dB</b>                                                                                                                                                                                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-12.20 dB</b>                                                                                                                                                                                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                             |
| Frequency Band:         | Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                          |

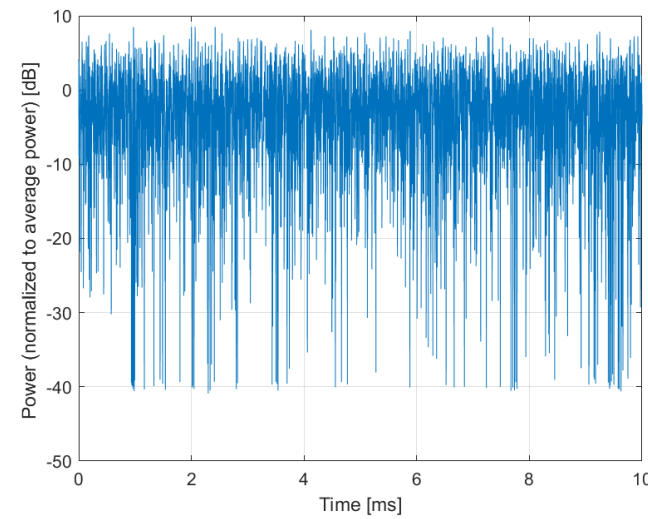
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

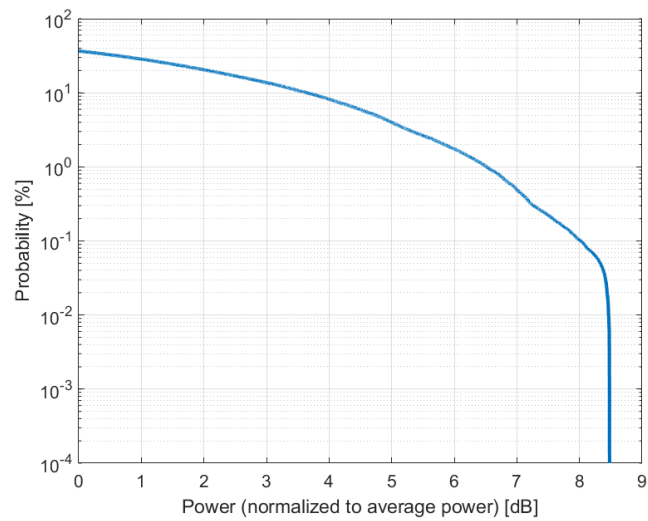


Time Domain

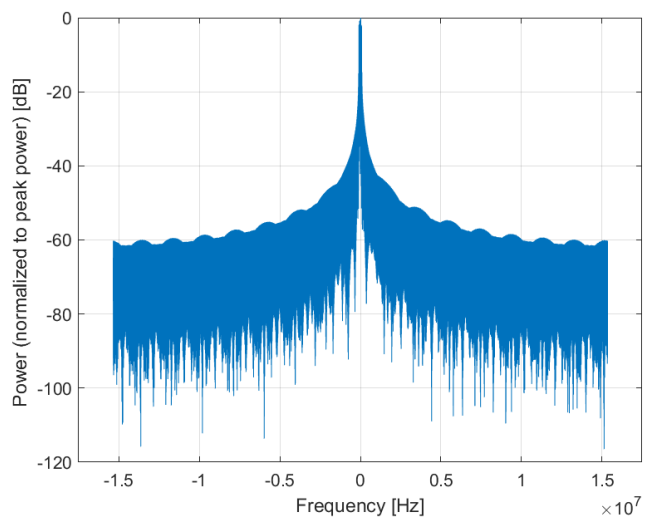
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|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)</b>                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                    |
| UID:                    | 10771-AAC                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>8.02 dB</b>                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-12.22 dB</b>                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                             |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Validation band (0.0 - 6000.0 MHz)                                                   |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9 |
| Bandwidth:              | 25.0 MHz                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                          |

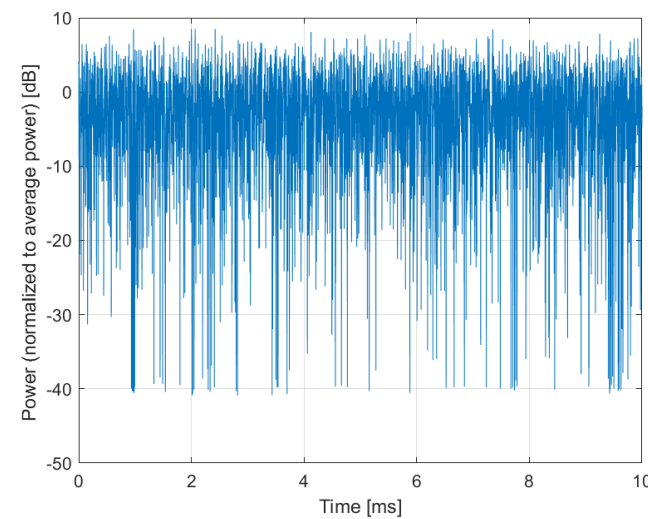
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



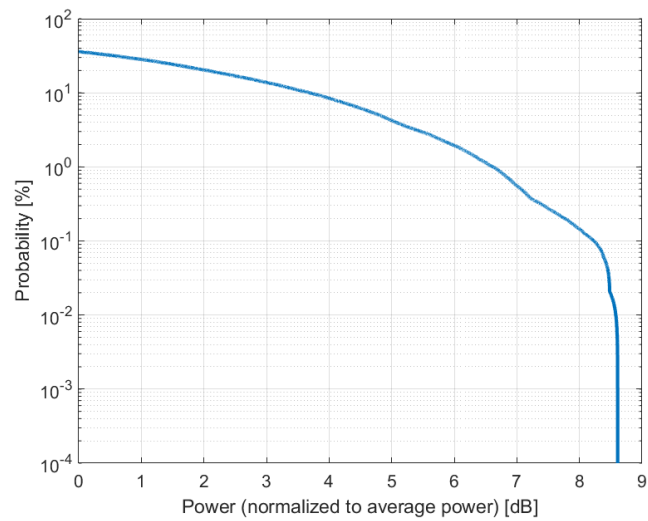
Time Domain

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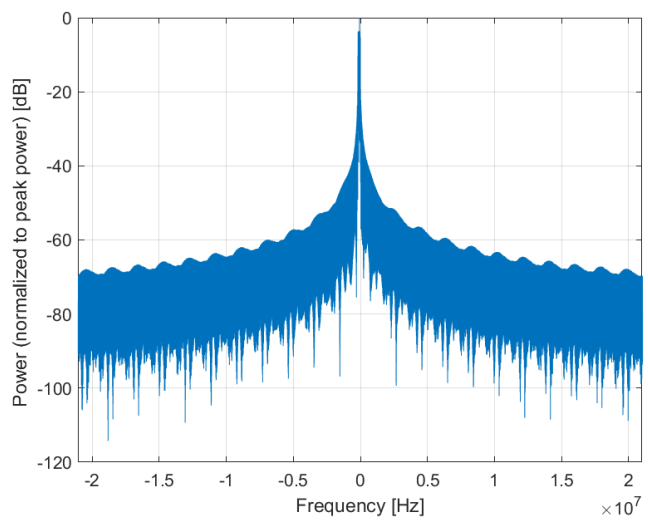
|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)</b>                                                                                                                                       |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                            |
| UID:                    | 10772-AAC                                                                                                                                                                                |
| PAR: <sup>1</sup>       | <b>8.23 dB</b>                                                                                                                                                                           |
| MIF: <sup>2</sup>       | <b>-12.20 dB</b>                                                                                                                                                                         |
| Standard Reference:     | SPEAG                                                                                                                                                                                    |
| Category:               | Random amplitude modulation                                                                                                                                                              |
| Modulation:             | QPSK                                                                                                                                                                                     |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                         |
| Bandwidth:              | 30.0 MHz                                                                                                                                                                                 |
| Integration Time:       | 10.0 ms                                                                                                                                                                                  |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

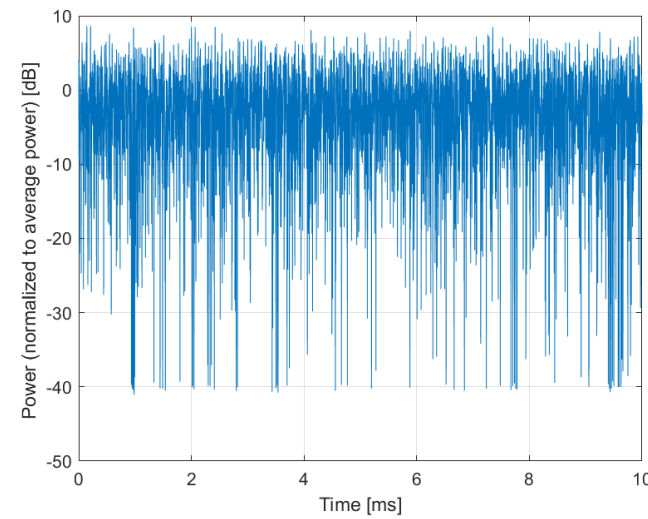
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



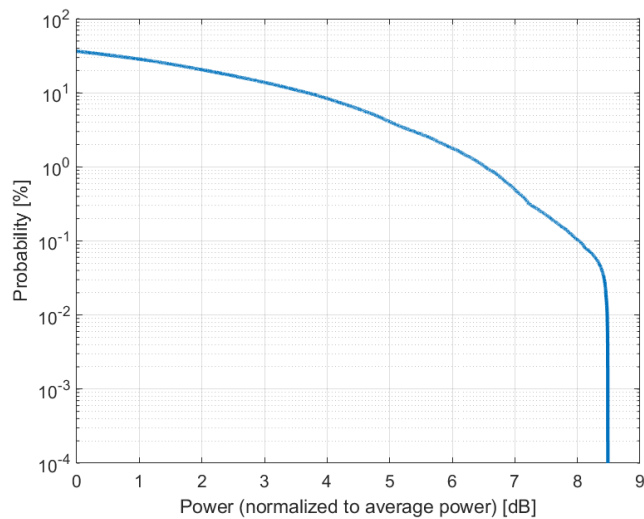
**Time Domain**

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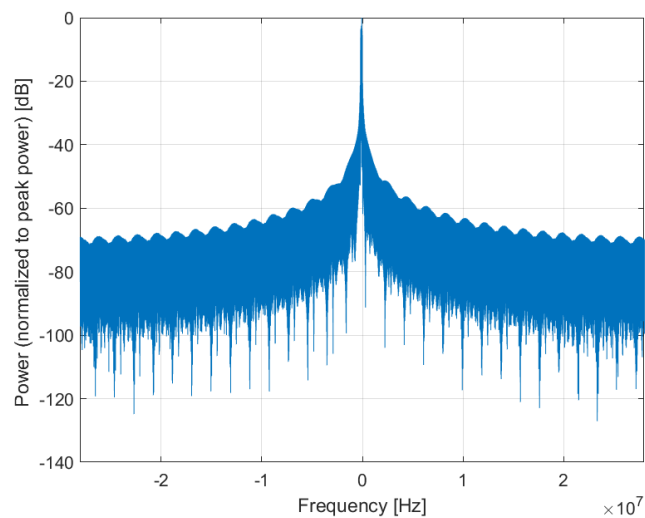
|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                 |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10773-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.03 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-12.13 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                   |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                           |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

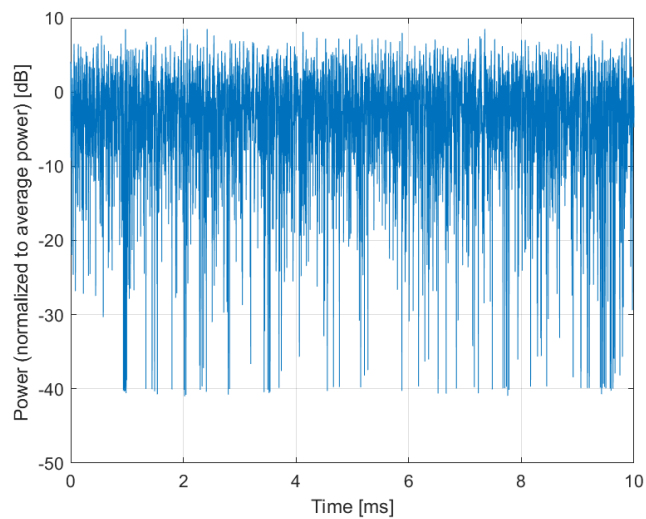
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



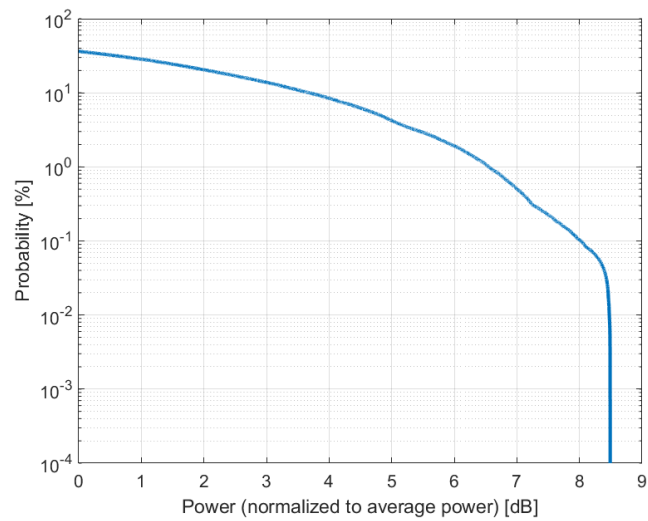
**Time Domain**

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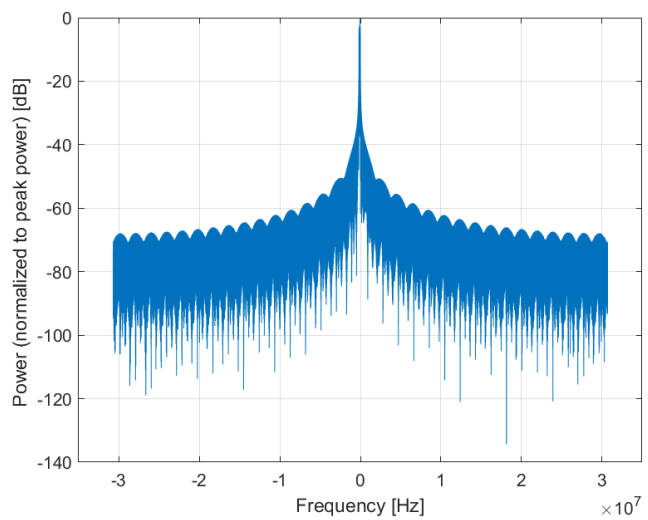
|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                   |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10774-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>8.02 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-12.25 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                     |
| Bandwidth:              | 50.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

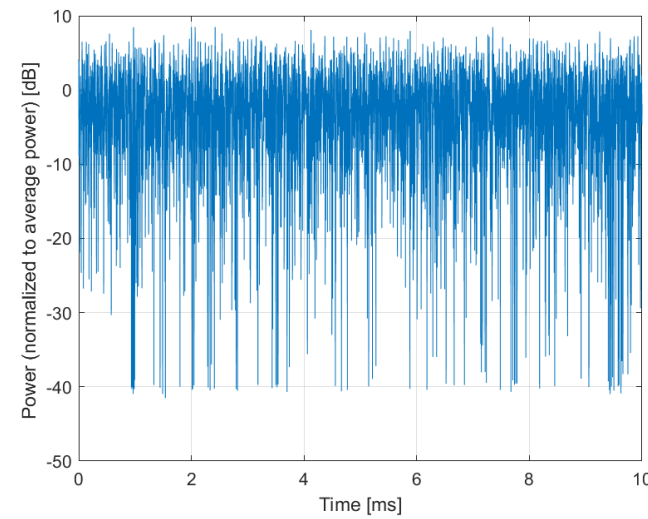
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

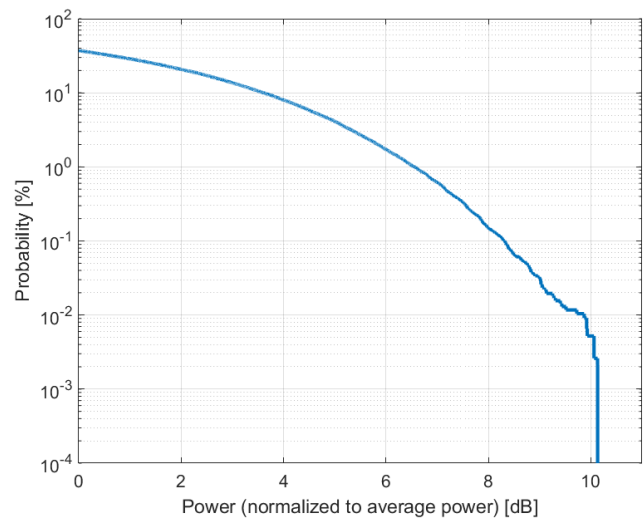


**Time Domain**

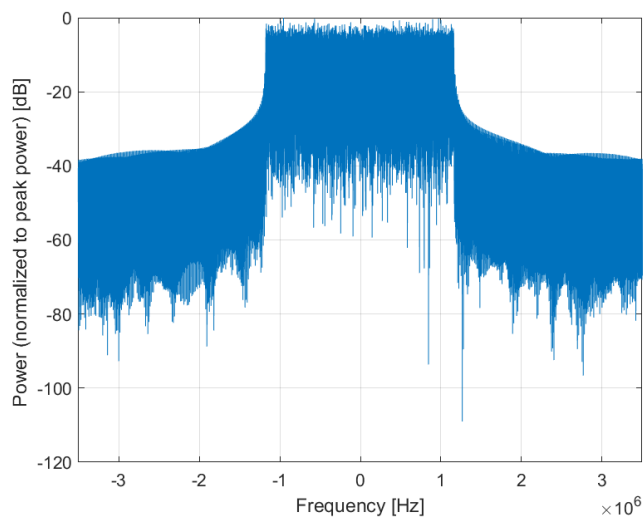
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|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10775-AAB                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.31 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-18.51 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n51 (1427 - 1432 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 13<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                  |
| Bandwidth:              | 5.0 MHz                                                                                                                                                                                                                                                                            |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

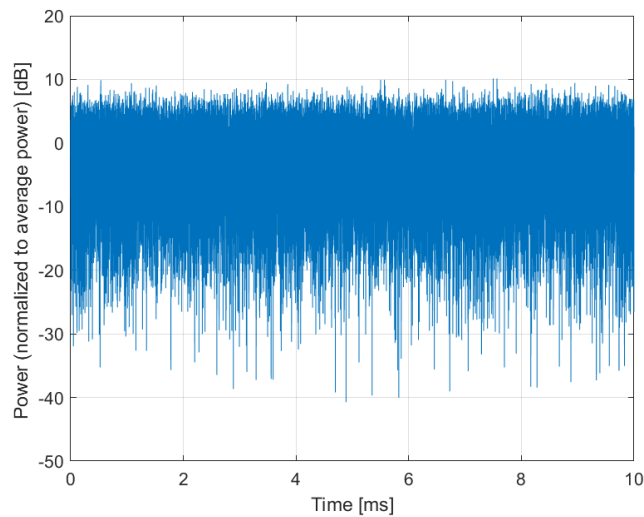
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



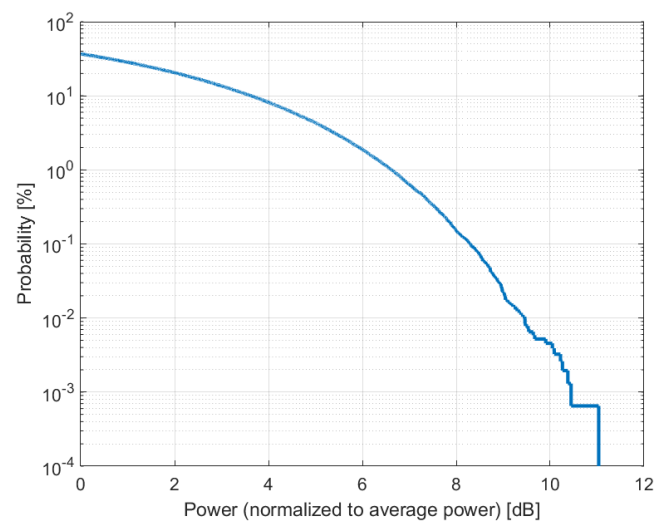
Time Domain

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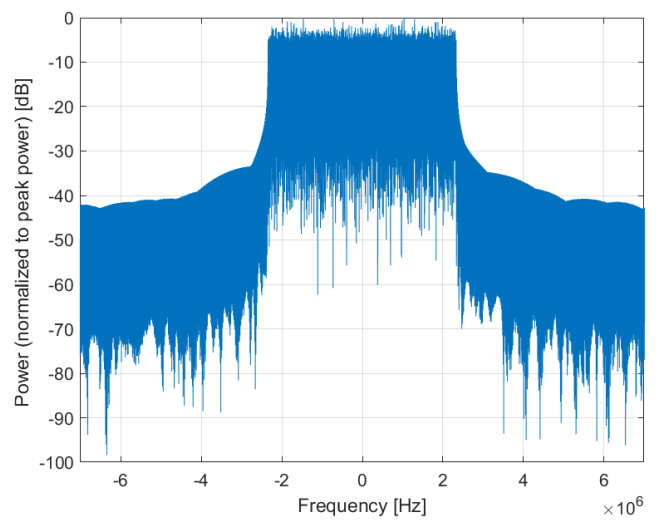
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                           |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10776-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.30 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-19.01 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 26<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                              |
| Bandwidth:              | 10.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

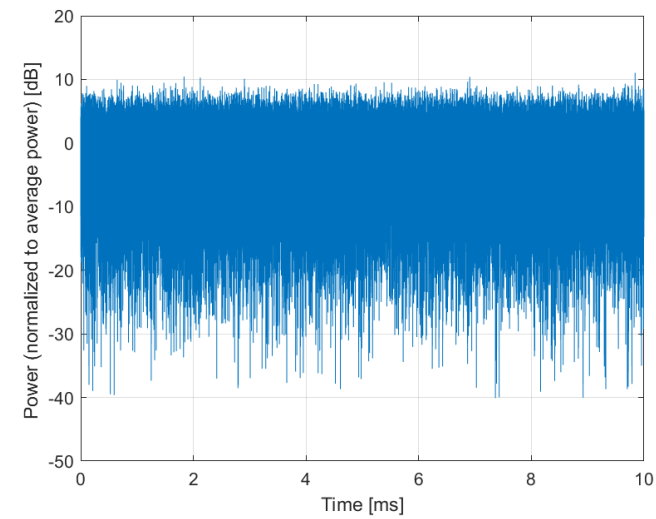
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



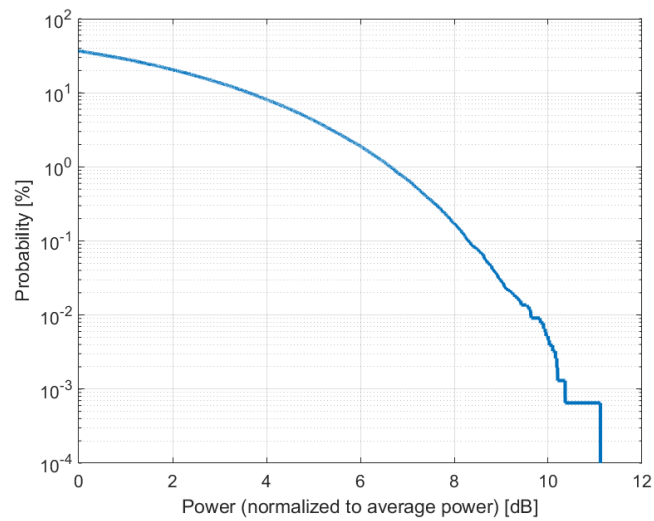
**Time Domain**

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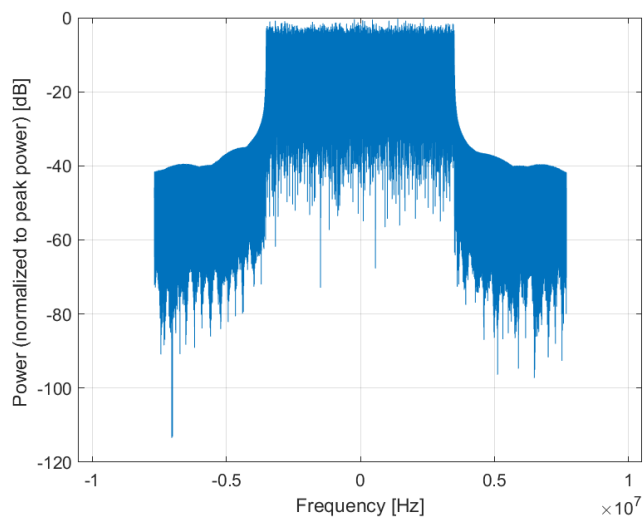
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                           |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10777-AAB                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.30 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-19.80 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 39<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                              |
| Bandwidth:              | 15.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

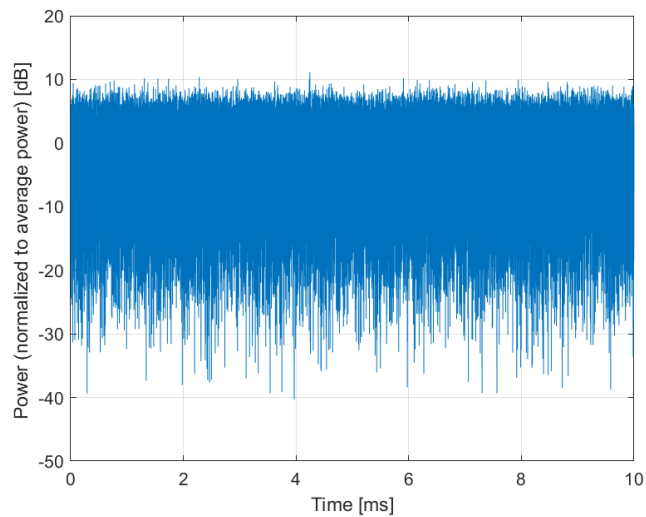
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

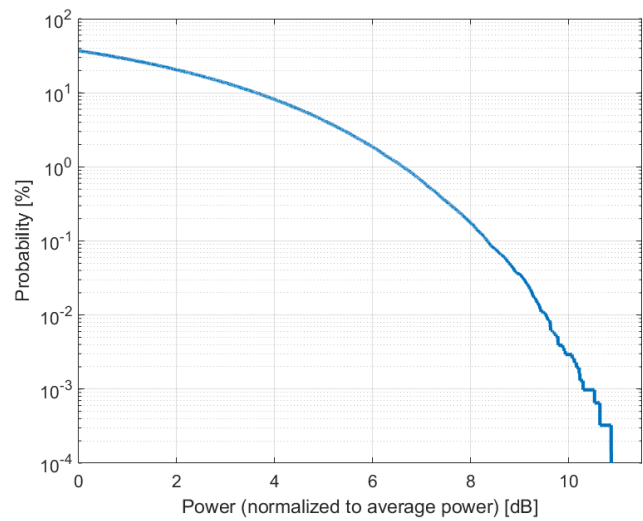


Time Domain

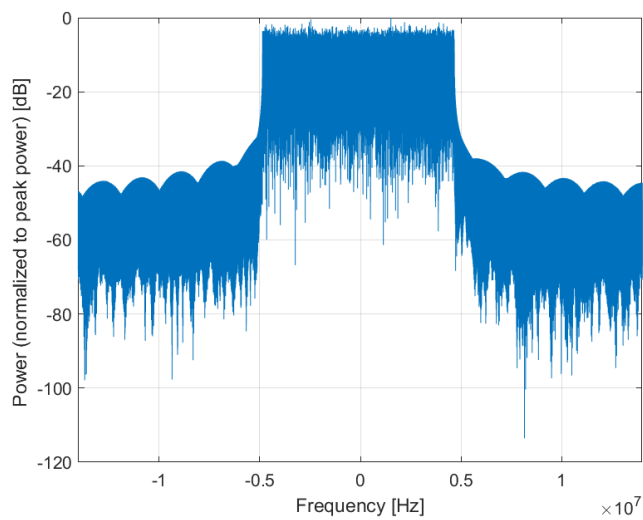
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|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                             |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                    |
| UID:                    | 10778-AAC                                                                                                                                                                                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>8.34 dB</b>                                                                                                                                                                                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-20.71 dB</b>                                                                                                                                                                                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                             |
| Frequency Band:         | Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 53<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                          |

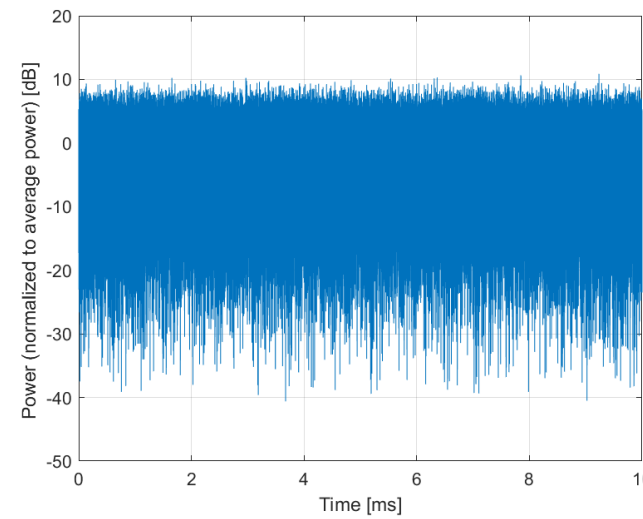
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



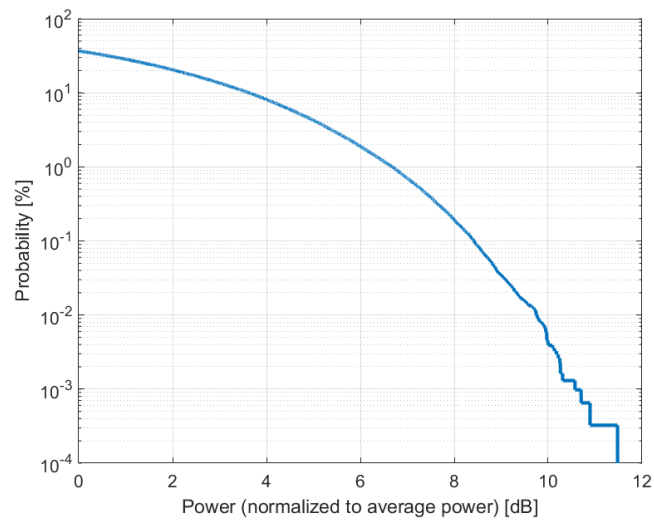
Time Domain

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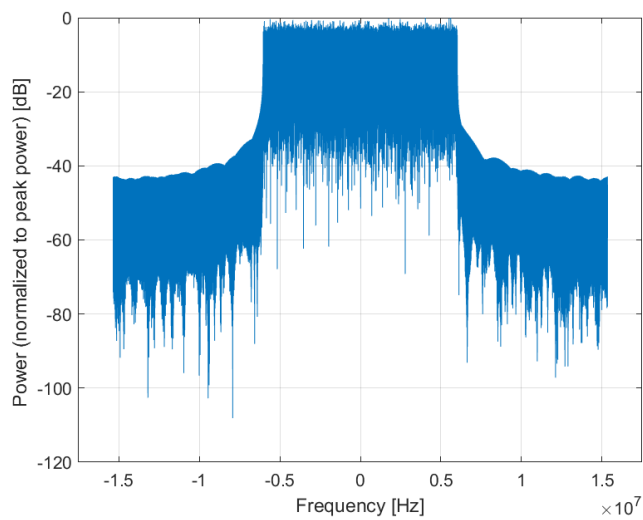
|                         |                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)</b>                                                                                              |
| Group:                  | 5G NR FR1 TDD                                                                                                                                     |
| UID:                    | 10779-AAB                                                                                                                                         |
| PAR: <sup>1</sup>       | <b>8.42 dB</b>                                                                                                                                    |
| MIF: <sup>2</sup>       | <b>-20.99 dB</b>                                                                                                                                  |
| Standard Reference:     | SPEAG                                                                                                                                             |
| Category:               | Random amplitude modulation                                                                                                                       |
| Modulation:             | QPSK                                                                                                                                              |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Validation band (0.0 - 6000.0 MHz)                                                    |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 67<br>Slot Format Index: 1<br>Data Type: PN9 |
| Bandwidth:              | 25.0 MHz                                                                                                                                          |
| Integration Time:       | 10.0 ms                                                                                                                                           |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

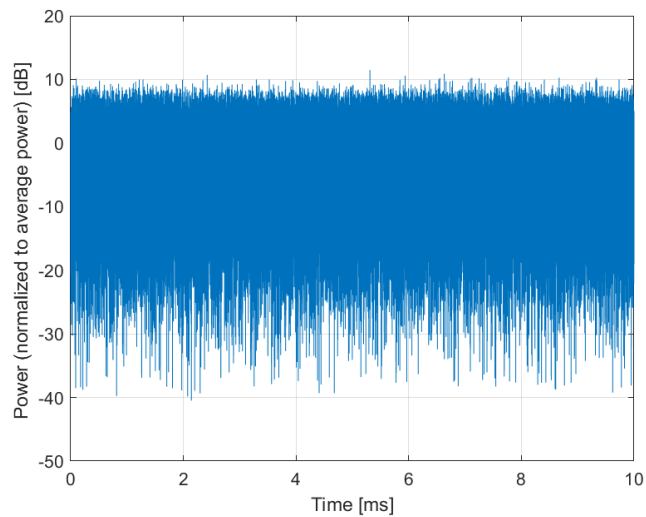
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

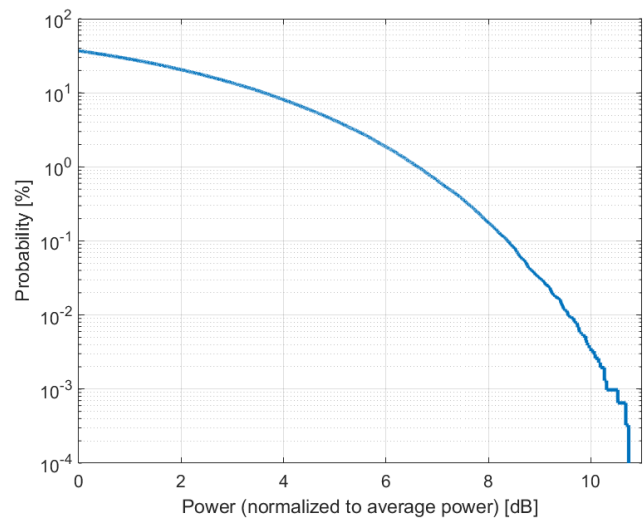


Time Domain

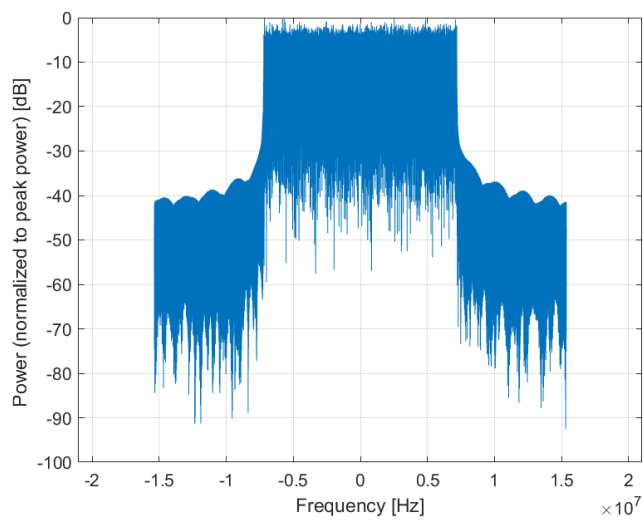
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|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)                                                                                                                                            |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                            |
| UID:                    | 10780-AAC                                                                                                                                                                                |
| PAR: <sup>1</sup>       | 8.38 dB                                                                                                                                                                                  |
| MIF: <sup>2</sup>       | -21.75 dB                                                                                                                                                                                |
| Standard Reference:     | SPEAG                                                                                                                                                                                    |
| Category:               | Random amplitude modulation                                                                                                                                                              |
| Modulation:             | QPSK                                                                                                                                                                                     |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 80<br>Slot Format Index: 1<br>Data Type: PN9                                        |
| Bandwidth:              | 30.0 MHz                                                                                                                                                                                 |
| Integration Time:       | 10.0 ms                                                                                                                                                                                  |

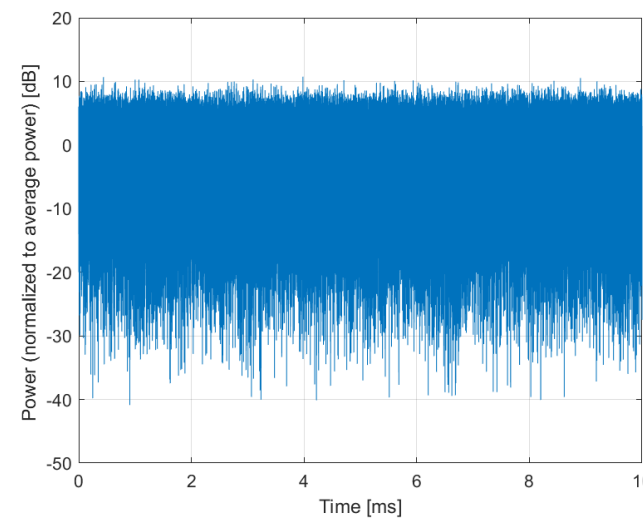
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

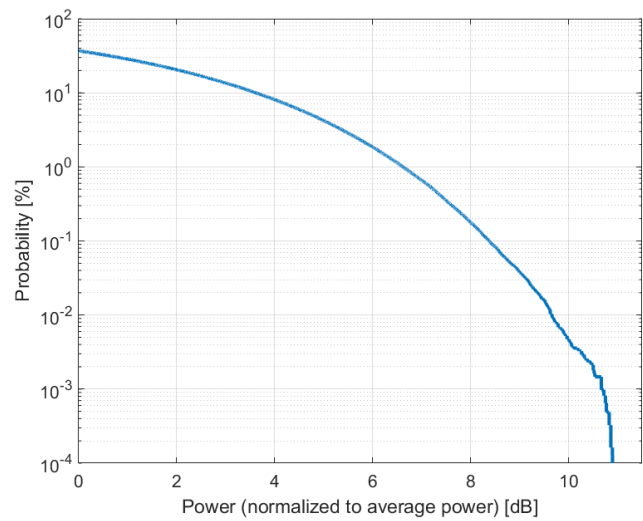


Time Domain

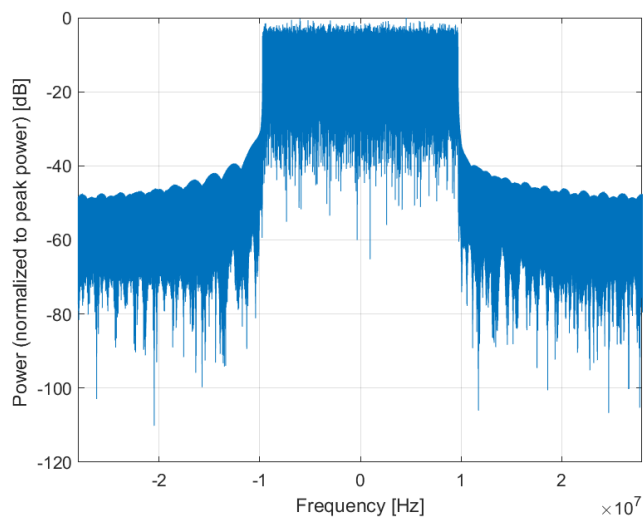
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|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10781-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.38 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-22.40 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 108<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                 |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                           |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

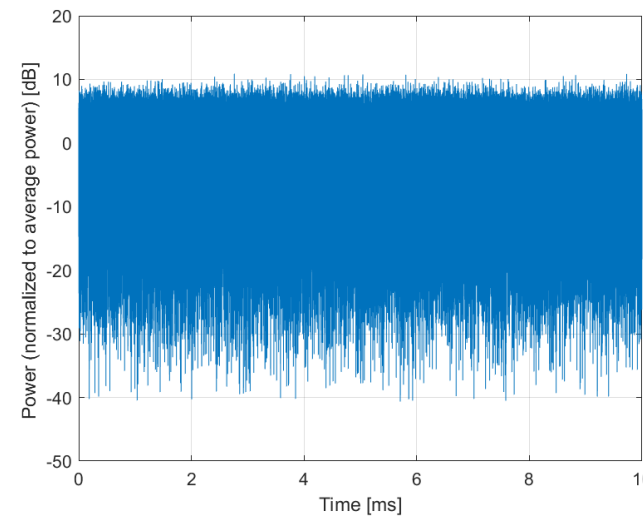
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

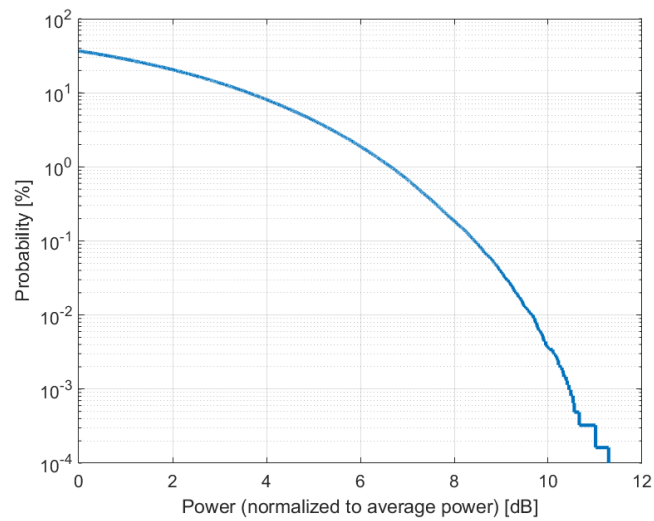


**Time Domain**

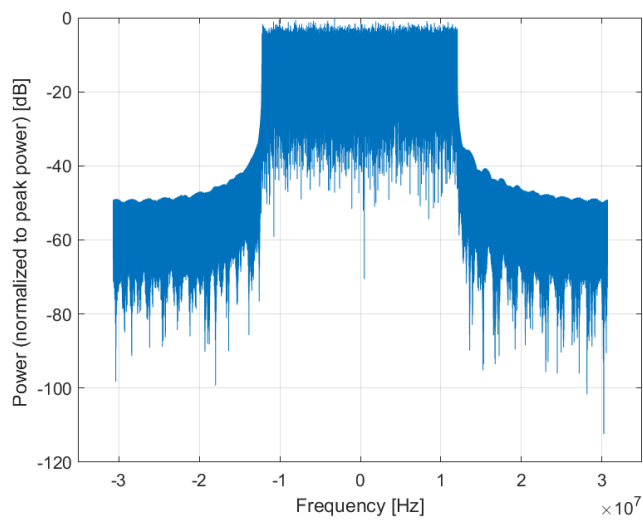
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|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                 |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10782-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>8.43 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-23.16 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 135<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                   |
| Bandwidth:              | 50.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

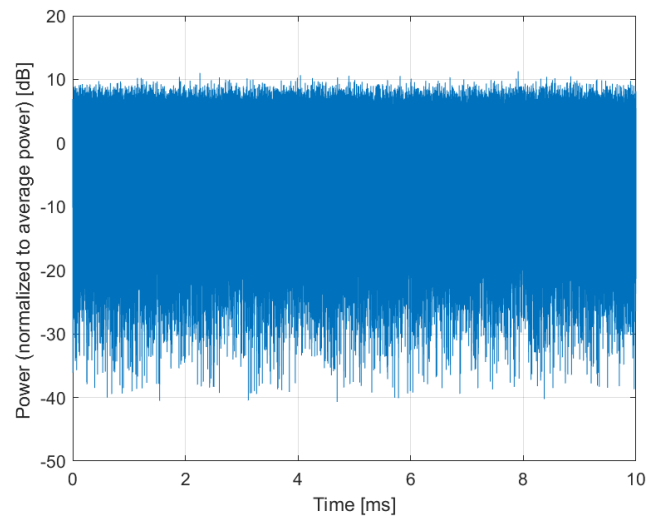
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



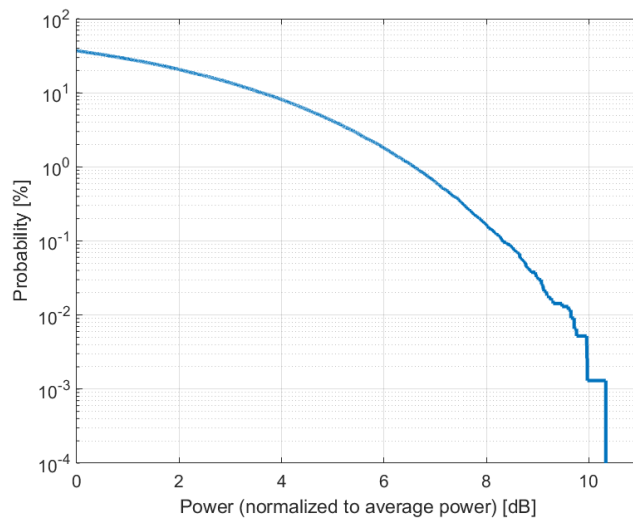
Time Domain

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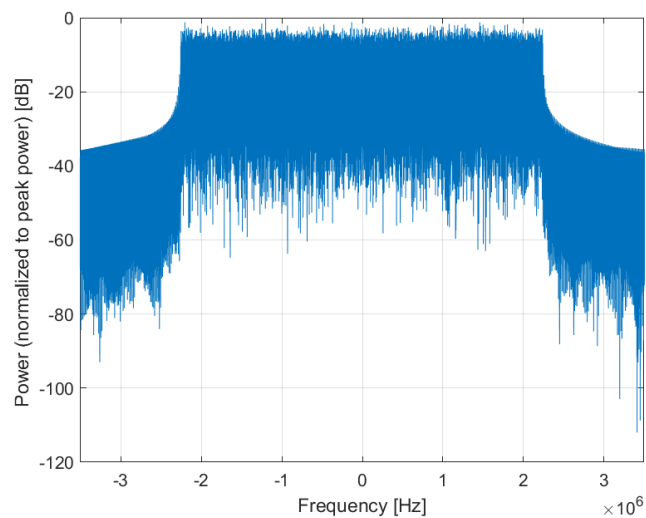
|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10783-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.31 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-18.84 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n51 (1427 - 1432 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 25<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                  |
| Bandwidth:              | 5.0 MHz                                                                                                                                                                                                                                                                            |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

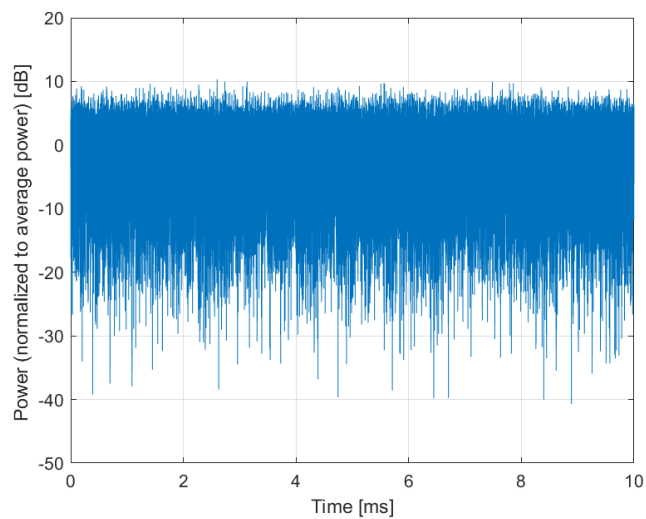
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



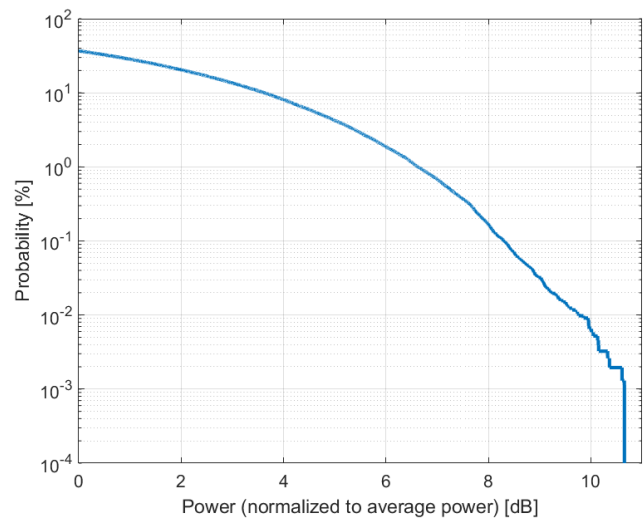
**Time Domain**

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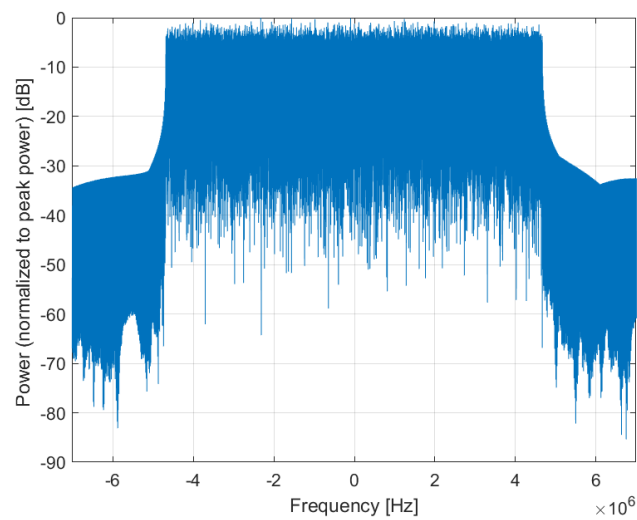
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                          |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10784-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.29 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-20.70 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 52<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                              |
| Bandwidth:              | 10.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

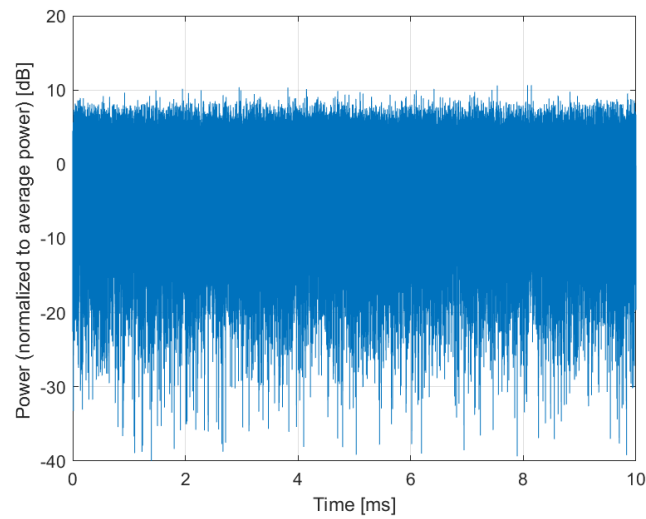
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



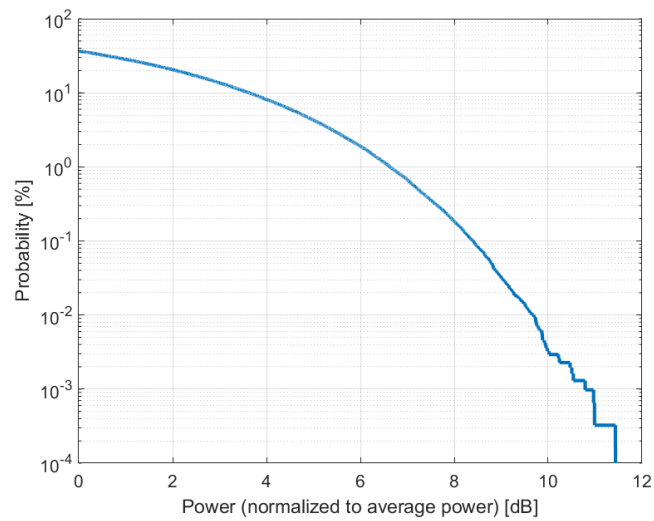
Time Domain

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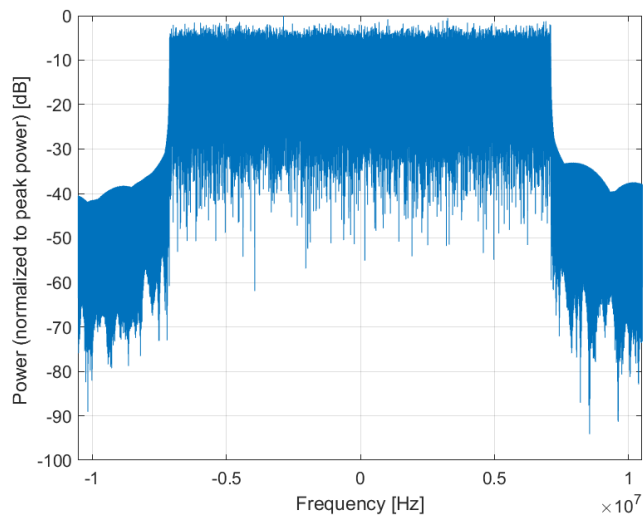
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                                                          |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10785-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | <b>8.40 dB</b>                                                                                                                                                                                                                                                                                                                                 |
| MIF: <sup>2</sup>       | <b>-21.52 dB</b>                                                                                                                                                                                                                                                                                                                               |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 79<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                              |
| Bandwidth:              | 15.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

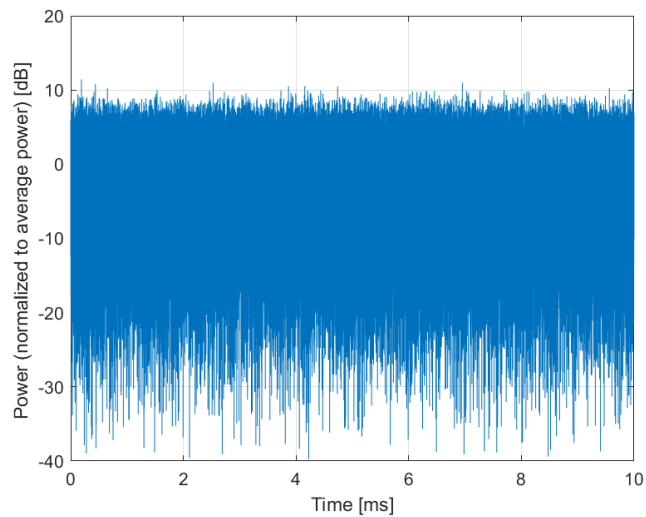
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

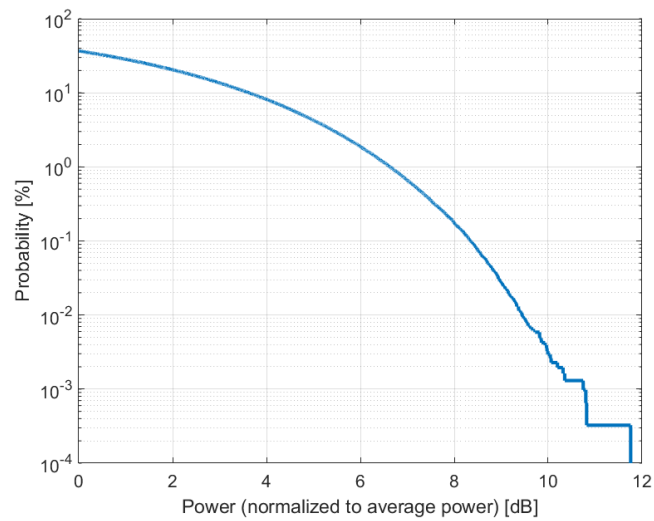


Time Domain

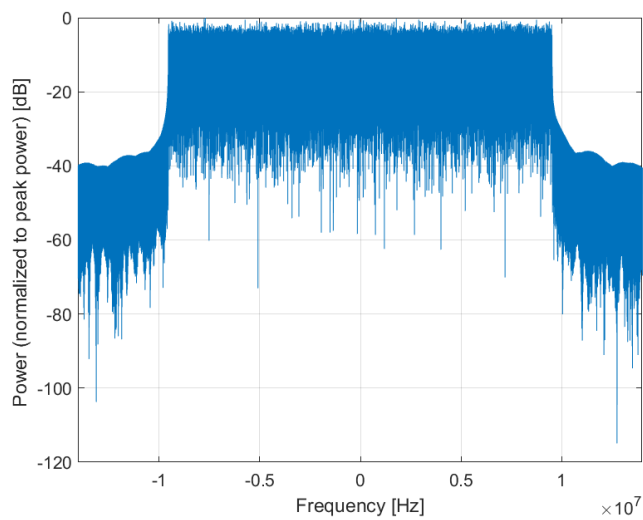
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|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                                                            |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                    |
| UID:                    | 10786-AAC                                                                                                                                                                                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>8.35 dB</b>                                                                                                                                                                                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-22.47 dB</b>                                                                                                                                                                                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                             |
| Frequency Band:         | Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 106<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                          |

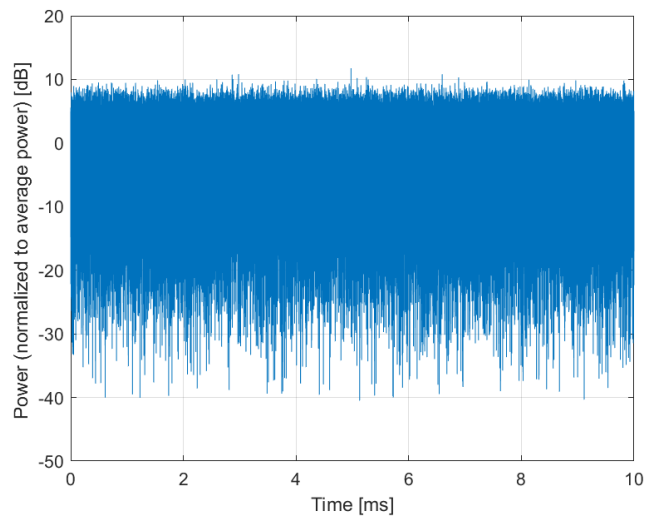
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

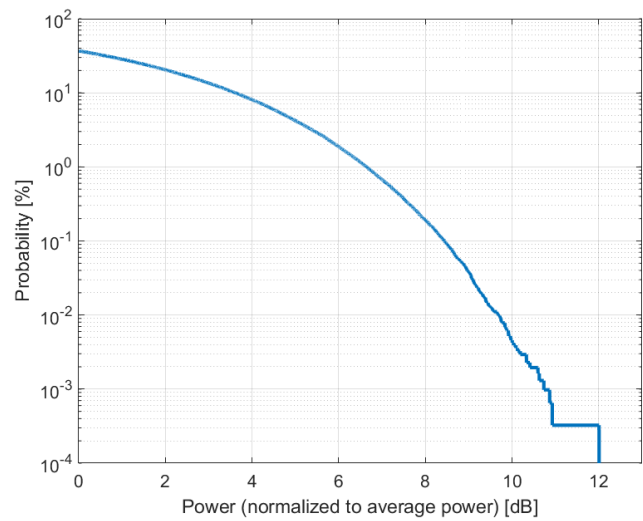


**Time Domain**

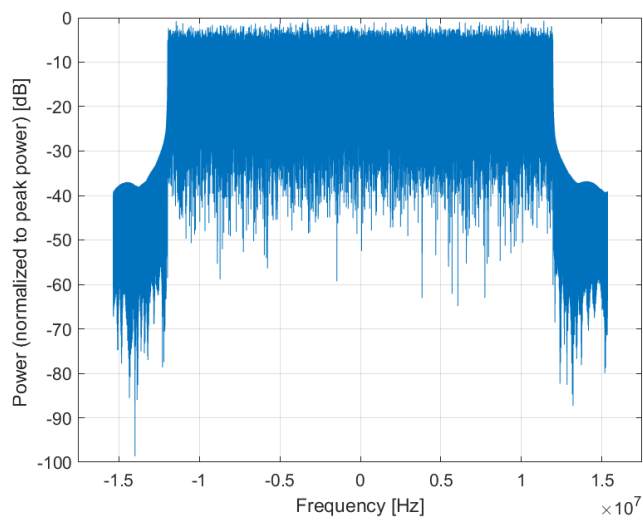
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|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)</b>                                                                                              |
| Group:                  | 5G NR FR1 TDD                                                                                                                                      |
| UID:                    | 10787-AAC                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.44 dB</b>                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-22.72 dB</b>                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                               |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Validation band (0.0 - 6000.0 MHz)                                                     |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 133<br>Slot Format Index: 1<br>Data Type: PN9 |
| Bandwidth:              | 25.0 MHz                                                                                                                                           |
| Integration Time:       | 10.0 ms                                                                                                                                            |

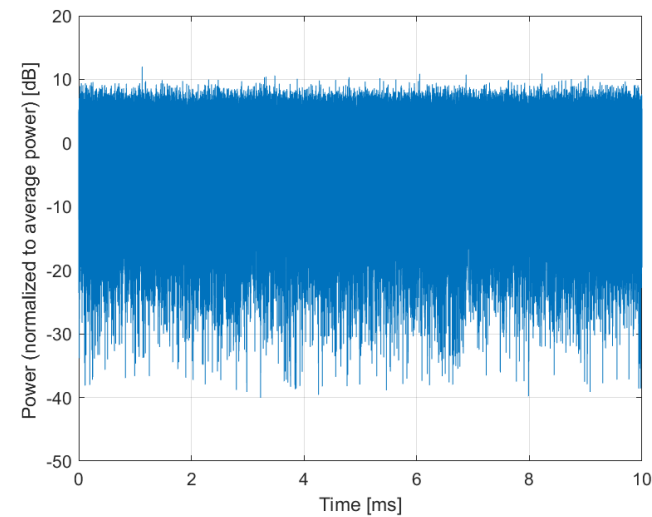
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



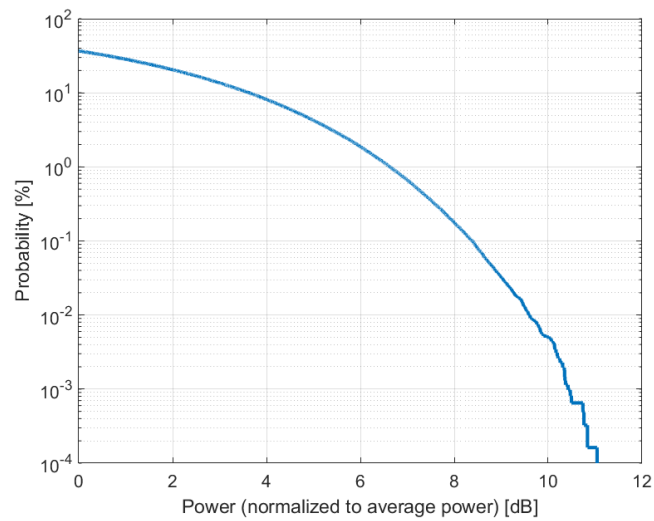
Time Domain

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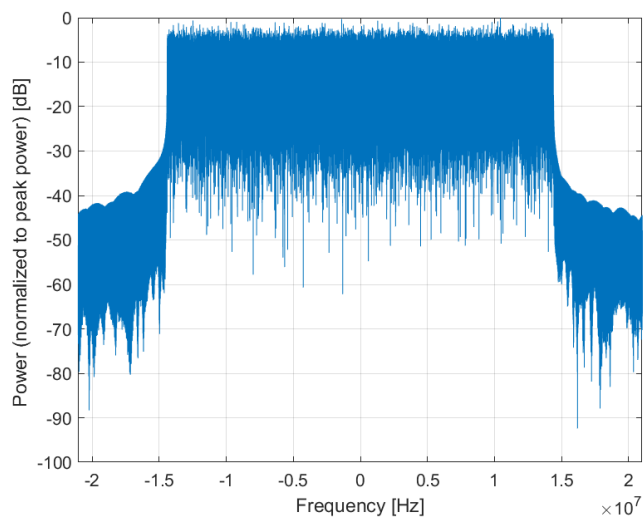
|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)</b>                                                                                                                                    |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                            |
| UID:                    | 10788-AAC                                                                                                                                                                                |
| PAR: <sup>1</sup>       | <b>8.39 dB</b>                                                                                                                                                                           |
| MIF: <sup>2</sup>       | <b>-22.83 dB</b>                                                                                                                                                                         |
| Standard Reference:     | SPEAG                                                                                                                                                                                    |
| Category:               | Random amplitude modulation                                                                                                                                                              |
| Modulation:             | QPSK                                                                                                                                                                                     |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 160<br>Slot Format Index: 1<br>Data Type: PN9                                       |
| Bandwidth:              | 30.0 MHz                                                                                                                                                                                 |
| Integration Time:       | 10.0 ms                                                                                                                                                                                  |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

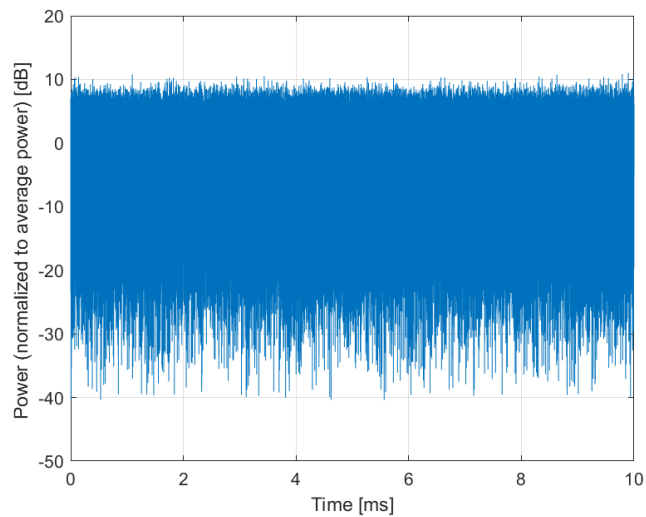
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

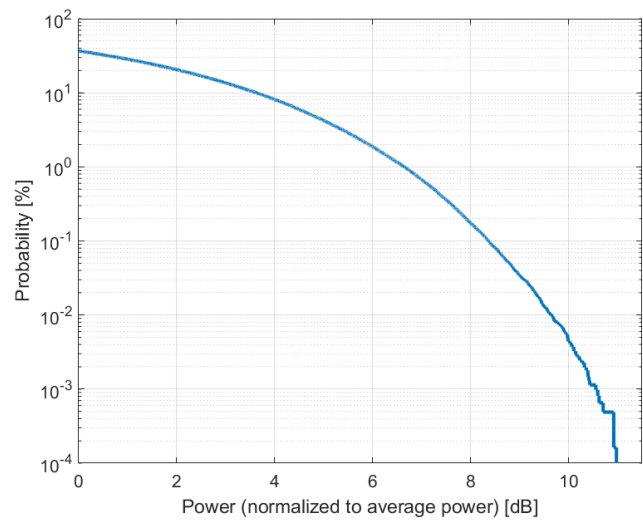


**Time Domain**

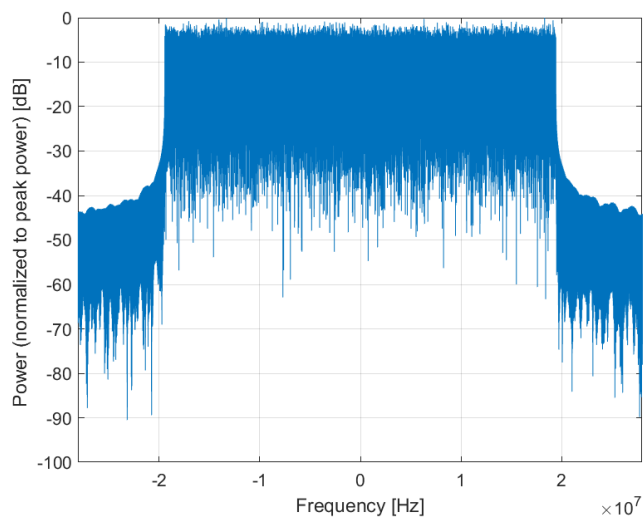
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|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                                              |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10789-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.37 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-23.29 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 216<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                 |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                           |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

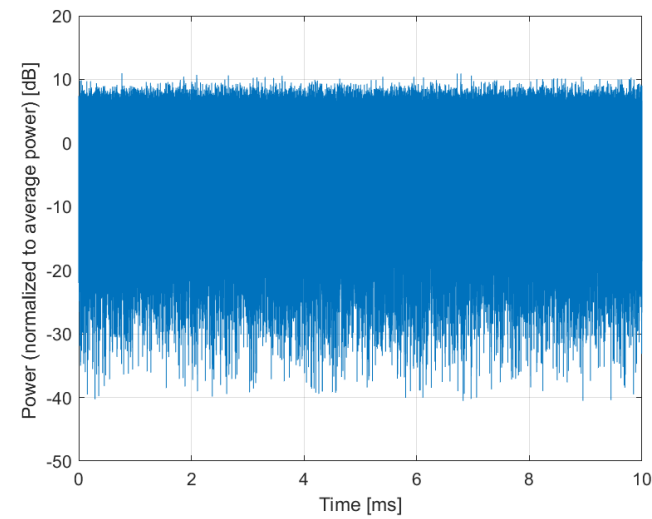
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**

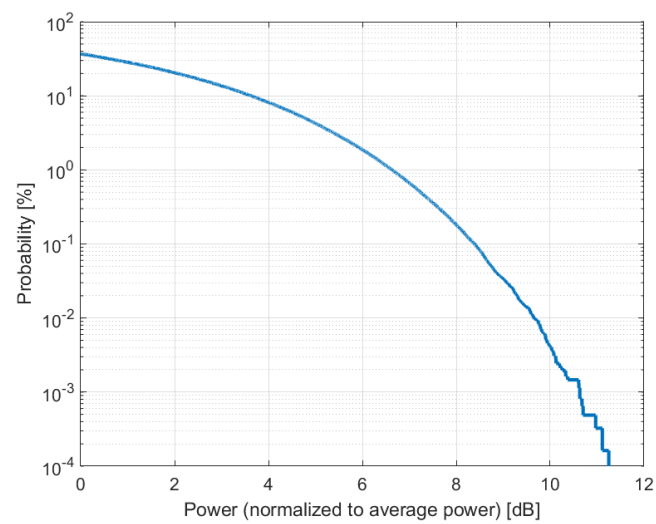


**Time Domain**

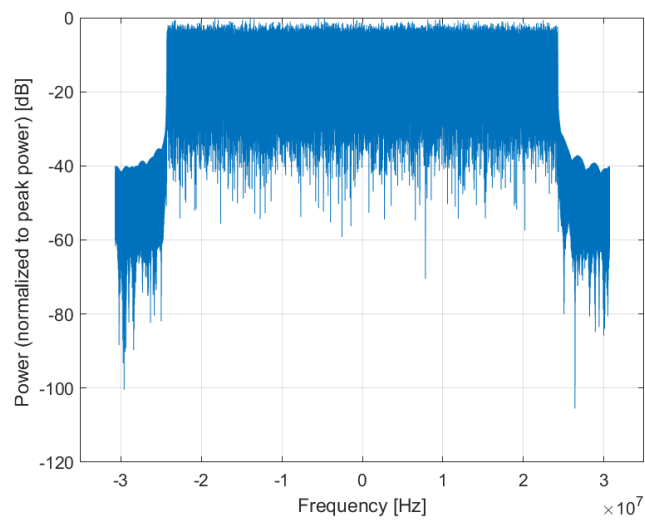
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|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)</b>                                                                                                                                                                                                |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10790-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>8.39 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-23.84 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 15 kHz<br>Number RBs: 270<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                   |
| Bandwidth:              | 50.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

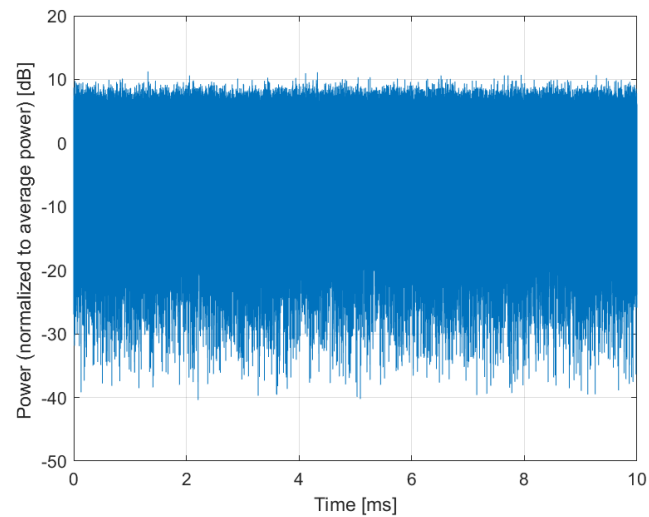
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

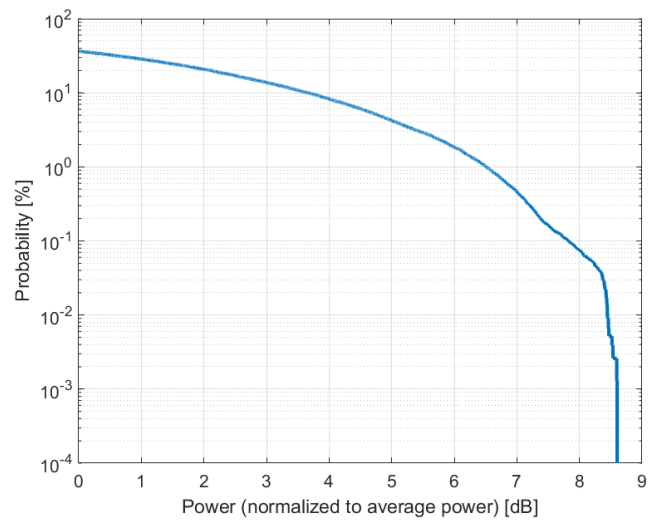


Time Domain

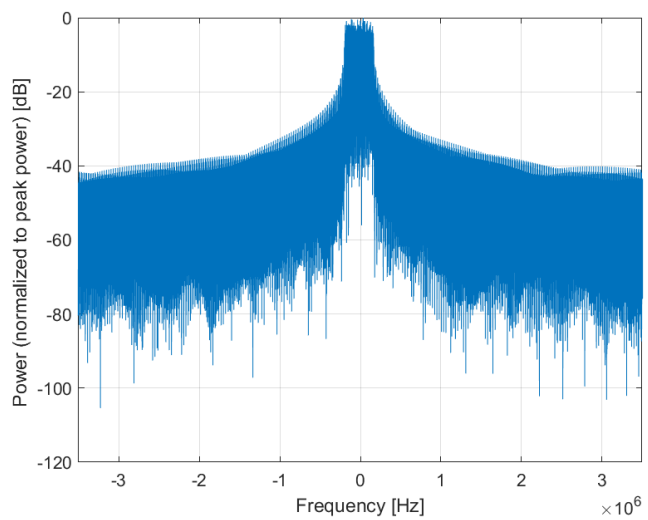
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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                                                  |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10791-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>7.83 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-14.39 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n51 (1427 - 1432 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                   |
| Bandwidth:              | 5.0 MHz                                                                                                                                                                                                                                                                            |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

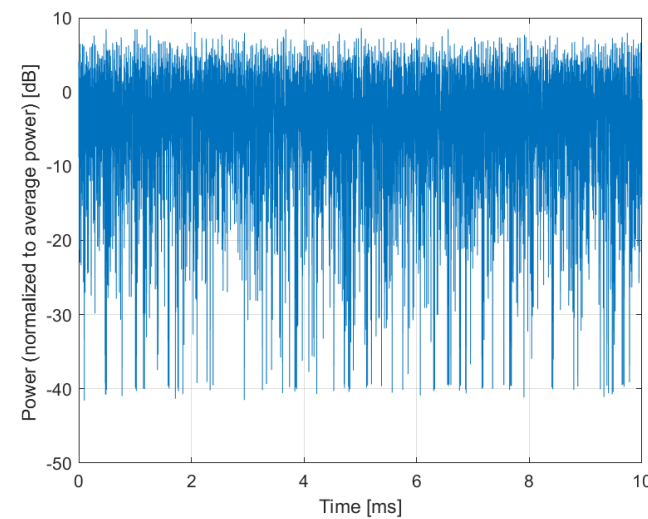
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



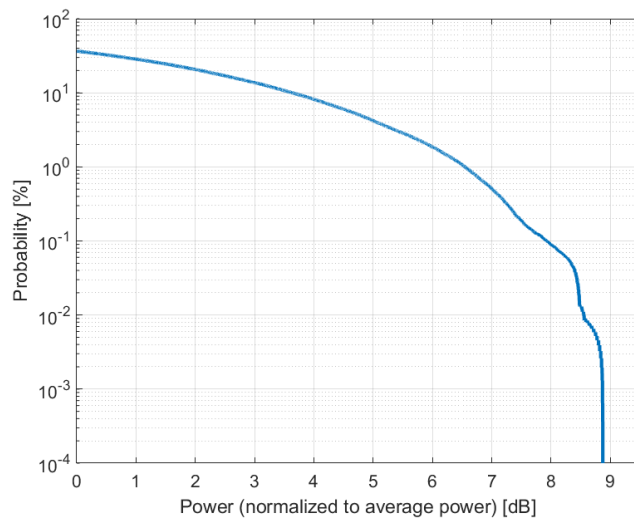
Time Domain

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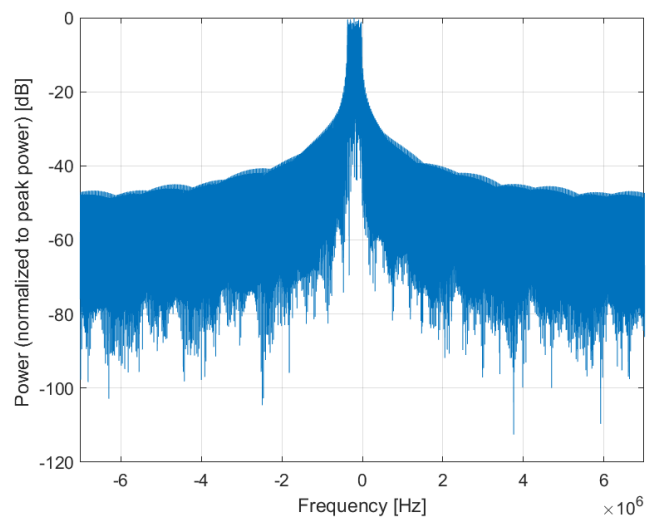
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)                                                                                                                                                                                                                                                                                                    |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10792-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | 7.92 dB                                                                                                                                                                                                                                                                                                                                        |
| MIF: <sup>2</sup>       | -14.47 dB                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                               |
| Bandwidth:              | 10.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

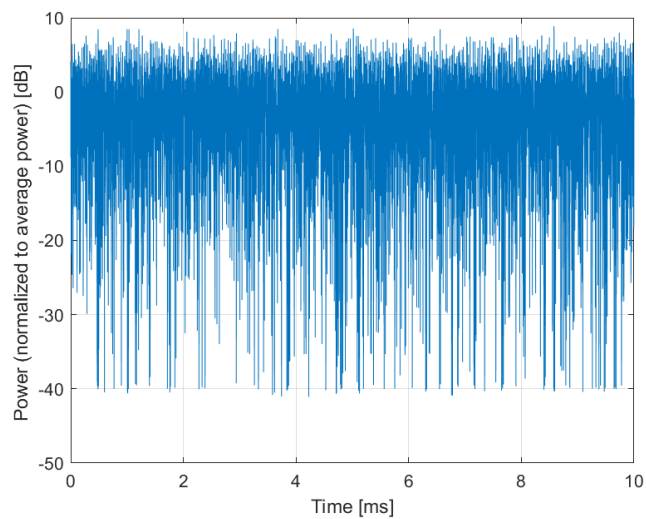
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



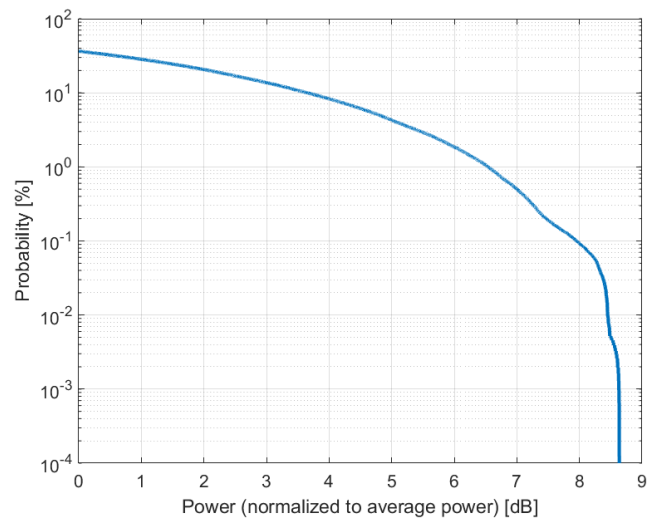
**Time Domain**

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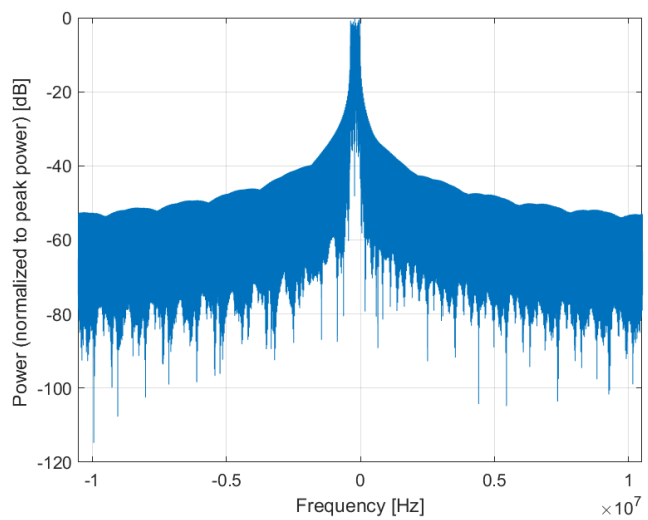
|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)                                                                                                                                                                                                                                                                                                    |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                                                  |
| UID:                    | 10793-AAC                                                                                                                                                                                                                                                                                                                                      |
| PAR: <sup>1</sup>       | 7.95 dB                                                                                                                                                                                                                                                                                                                                        |
| MIF: <sup>2</sup>       | -14.33 dB                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                                                          |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                    |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                           |
| Frequency Band:         | Band n34 (2010 - 2025 MHz)<br>Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                                               |
| Bandwidth:              | 15.0 MHz                                                                                                                                                                                                                                                                                                                                       |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                                                        |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

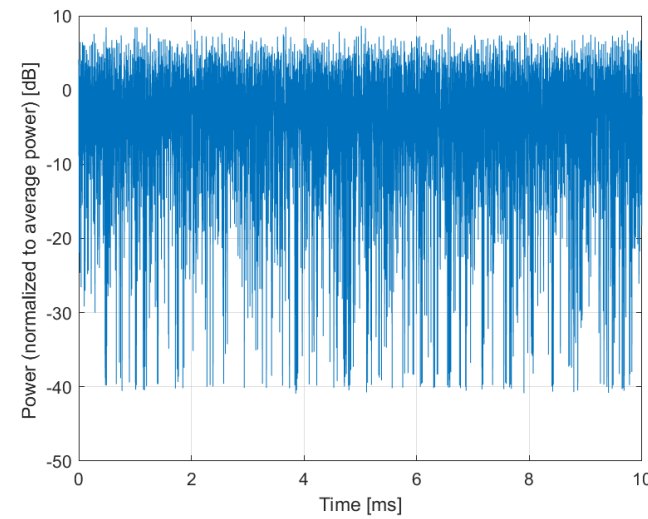
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



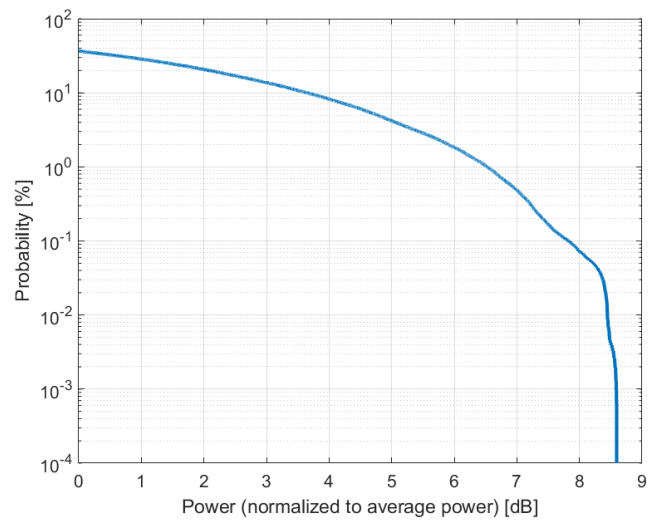
Time Domain

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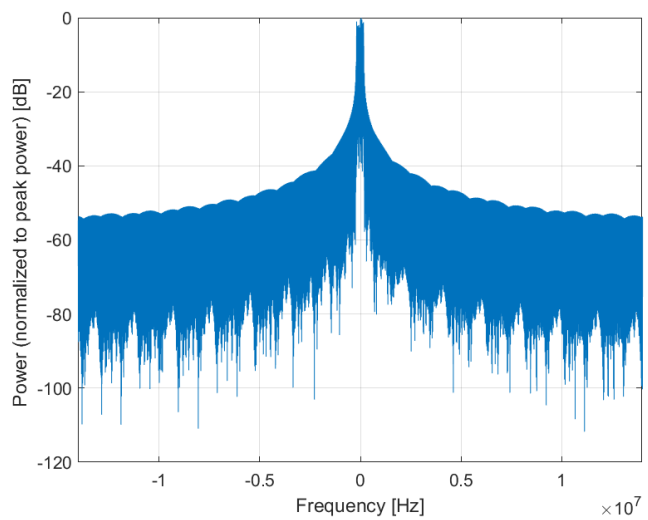
|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                                                    |
| UID:                    | 10794-AAC                                                                                                                                                                                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>7.82 dB</b>                                                                                                                                                                                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-14.46 dB</b>                                                                                                                                                                                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                             |
| Frequency Band:         | Band n38 (2570 - 2620 MHz)<br>Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                                                          |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

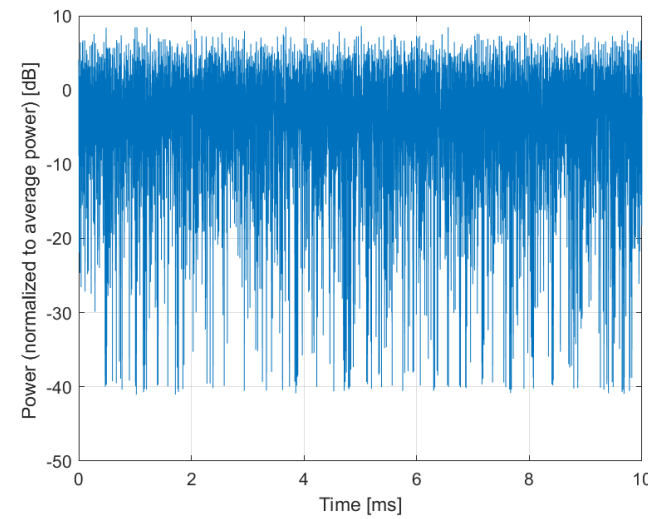
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



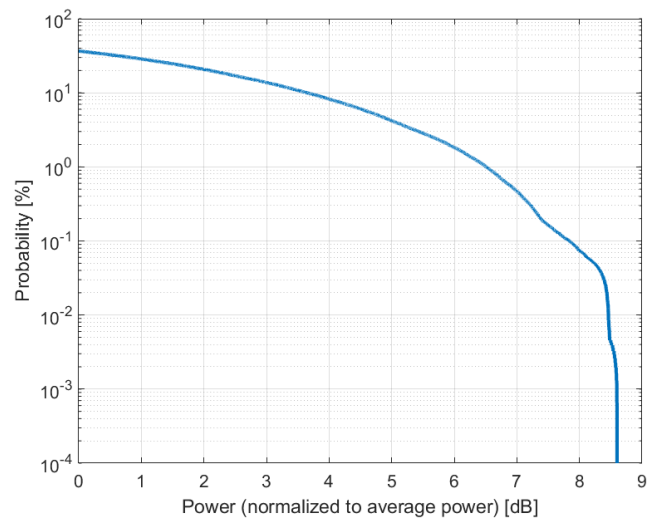
Time Domain

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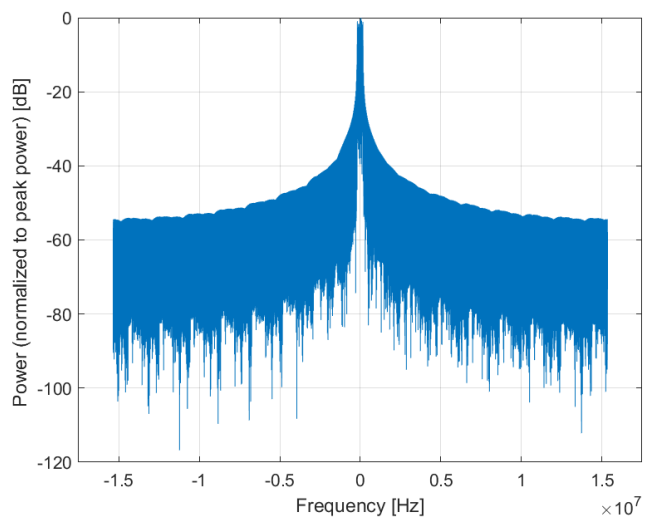
|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)</b>                                                                                               |
| Group:                  | 5G NR FR1 TDD                                                                                                                                    |
| UID:                    | 10795-AAC                                                                                                                                        |
| PAR: <sup>1</sup>       | <b>7.84 dB</b>                                                                                                                                   |
| MIF: <sup>2</sup>       | <b>-14.35 dB</b>                                                                                                                                 |
| Standard Reference:     | SPEAG                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                      |
| Modulation:             | QPSK                                                                                                                                             |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Validation band (0.0 - 6000.0 MHz)                                                   |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9 |
| Bandwidth:              | 25.0 MHz                                                                                                                                         |
| Integration Time:       | 10.0 ms                                                                                                                                          |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

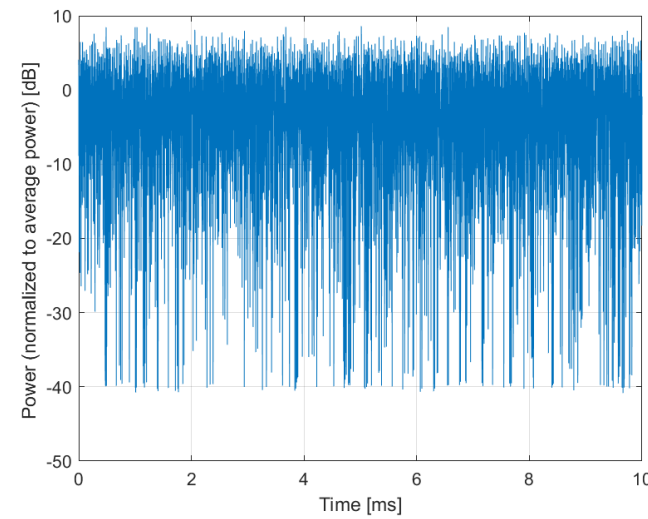
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



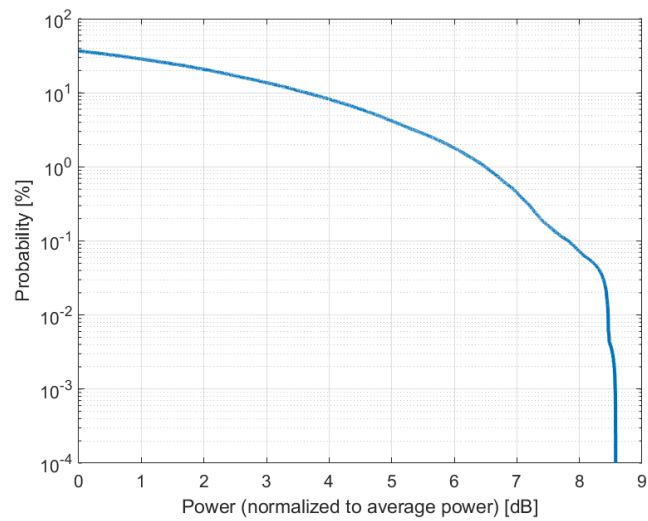
Time Domain

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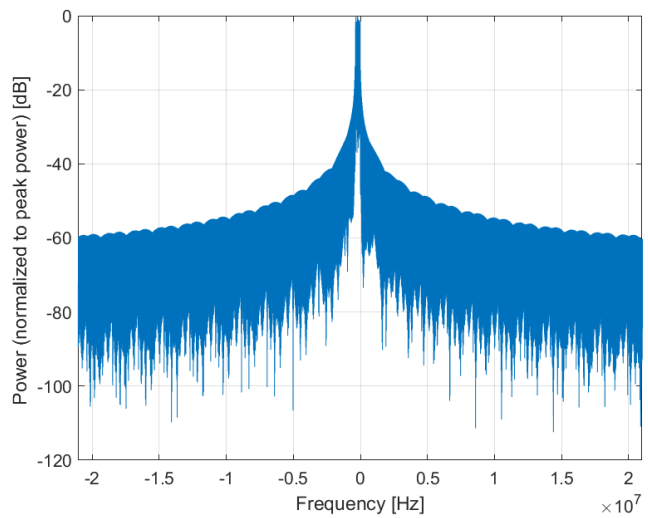
|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)                                                                                                                                              |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                            |
| UID:                    | 10796-AAC                                                                                                                                                                                |
| PAR: <sup>1</sup>       | 7.82 dB                                                                                                                                                                                  |
| MIF: <sup>2</sup>       | -14.32 dB                                                                                                                                                                                |
| Standard Reference:     | SPEAG                                                                                                                                                                                    |
| Category:               | Random amplitude modulation                                                                                                                                                              |
| Modulation:             | QPSK                                                                                                                                                                                     |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                         |
| Bandwidth:              | 30.0 MHz                                                                                                                                                                                 |
| Integration Time:       | 10.0 ms                                                                                                                                                                                  |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

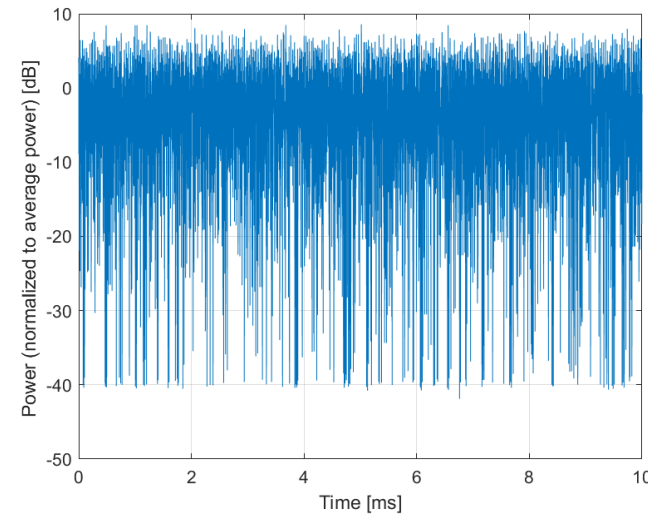
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



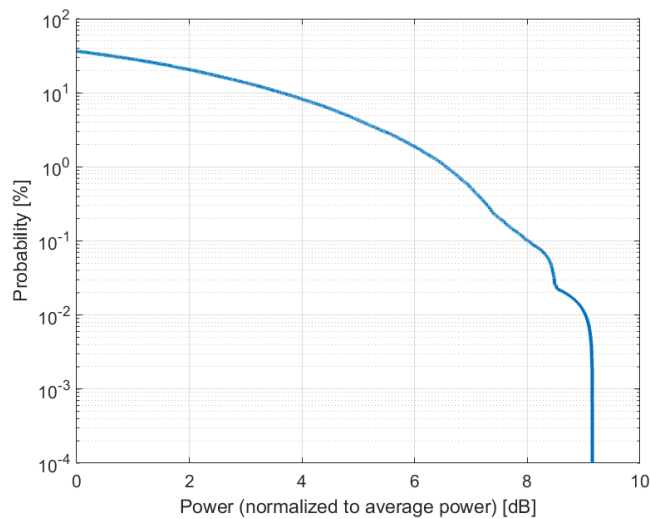
Time Domain

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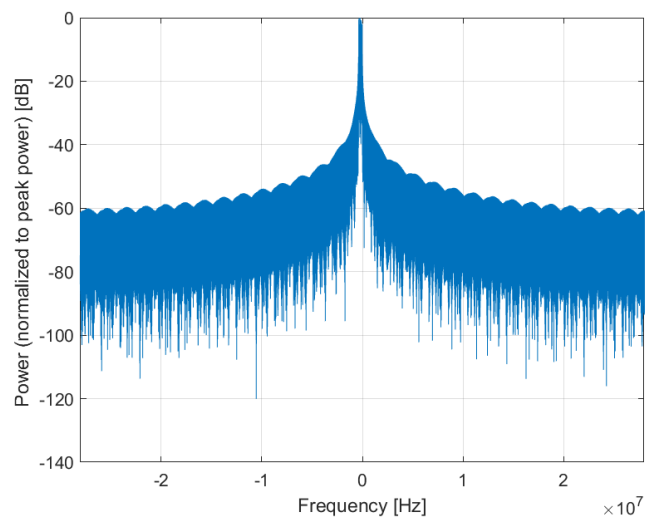
|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                                                 |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                                                      |
| UID:                    | 10797-AAC                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.01 dB</b>                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-14.32 dB</b>                                                                                                                                                                                                                                                                   |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                                              |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                               |
| Frequency Band:         | Band n39 (1880 - 1920 MHz)<br>Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                                                   |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                           |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                                                            |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

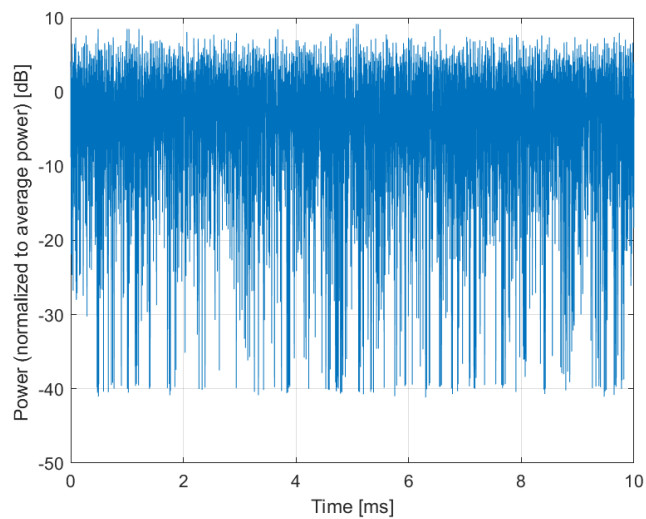
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



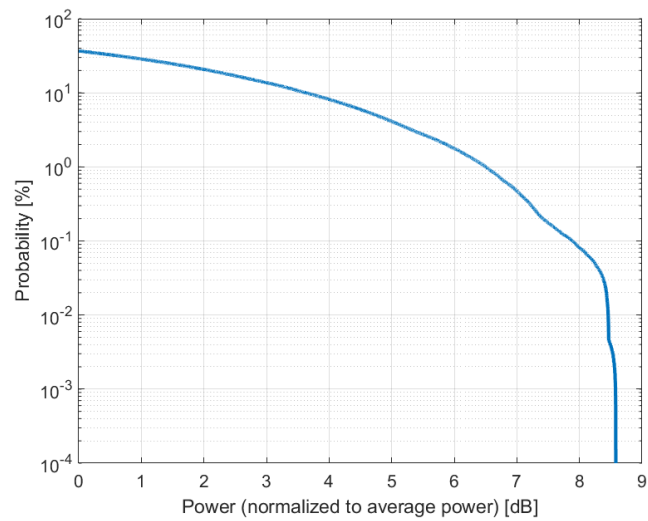
**Time Domain**

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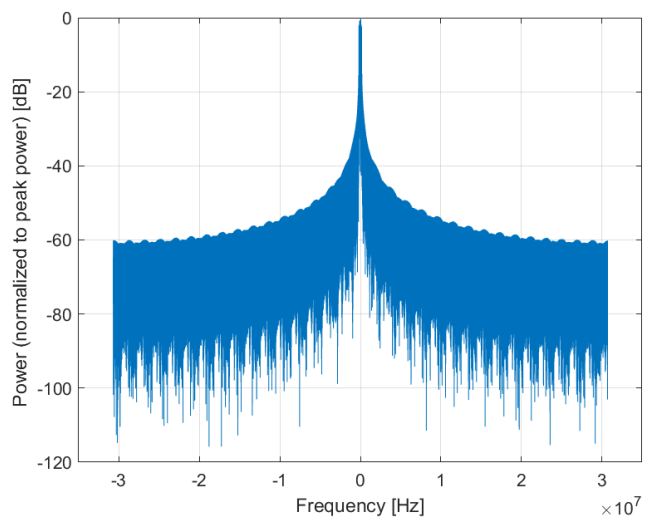
|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                   |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10798-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>7.89 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-14.55 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                     |
| Bandwidth:              | 50.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

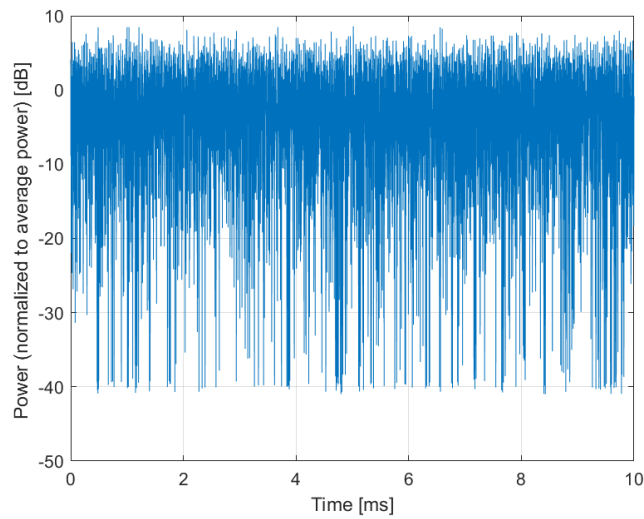
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



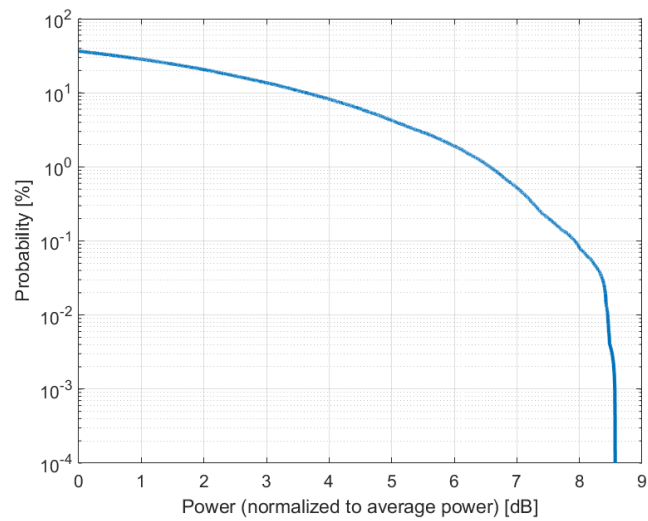
**Time Domain**

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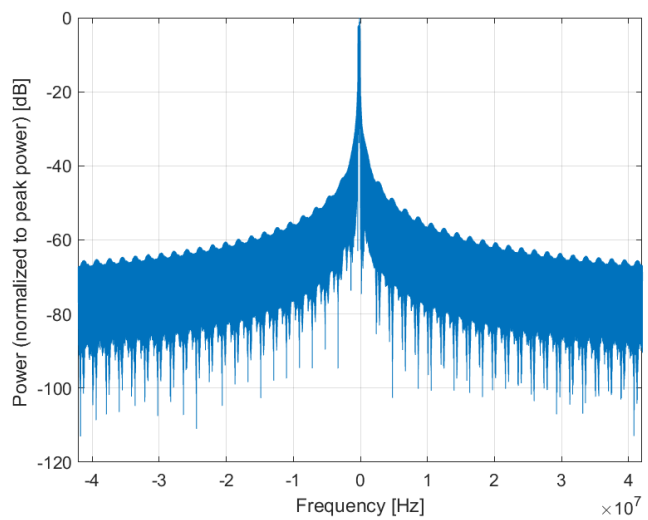
|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                   |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10799-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>7.93 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-14.45 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                     |
| Bandwidth:              | 60.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

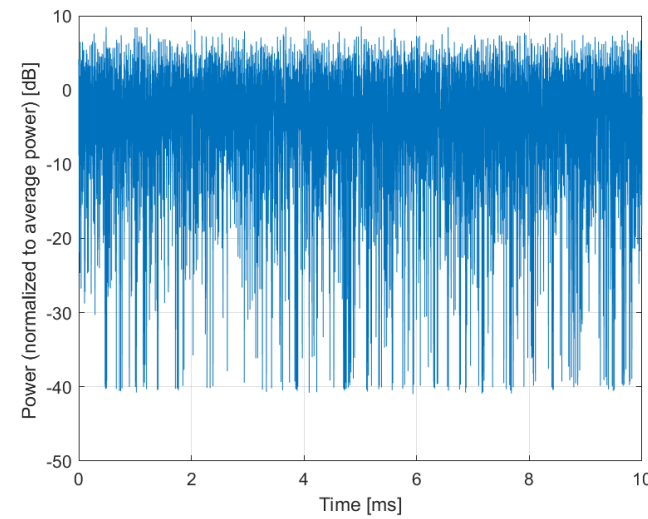
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



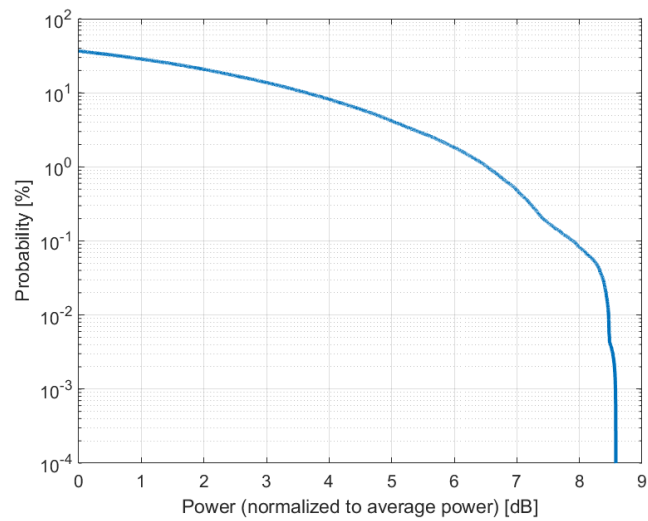
Time Domain

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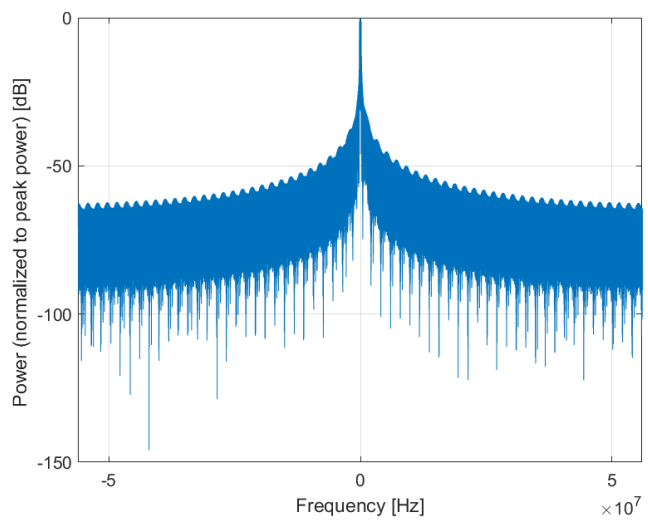
|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)</b>                                                                                                                                                                                                   |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                                                                                        |
| UID:                    | 10801-AAC                                                                                                                                                                                                                                            |
| PAR: <sup>1</sup>       | <b>7.89 dB</b>                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | <b>-14.47 dB</b>                                                                                                                                                                                                                                     |
| Standard Reference:     | SPEAG                                                                                                                                                                                                                                                |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                          |
| Modulation:             | QPSK                                                                                                                                                                                                                                                 |
| Frequency Band:         | Band n40 (2300 - 2400 MHz)<br>Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n50 (1432 - 1517 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                                                                                     |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                             |
| Integration Time:       | 10.0 ms                                                                                                                                                                                                                                              |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

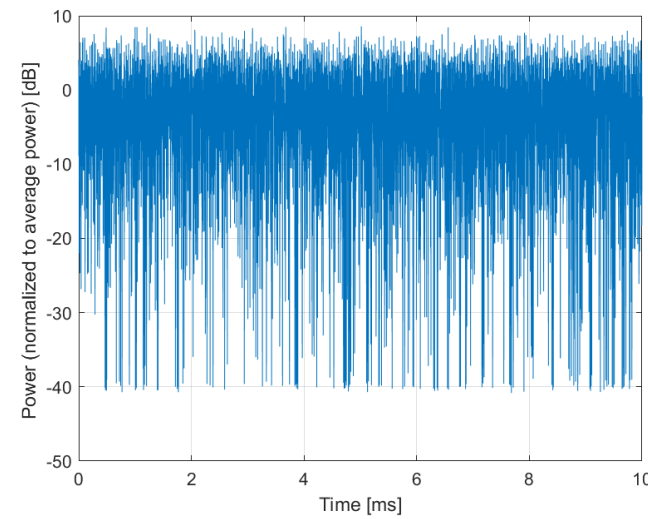
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



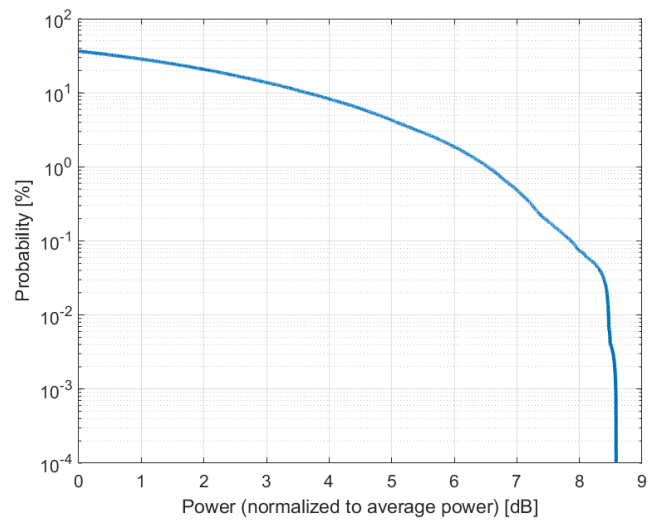
Time Domain

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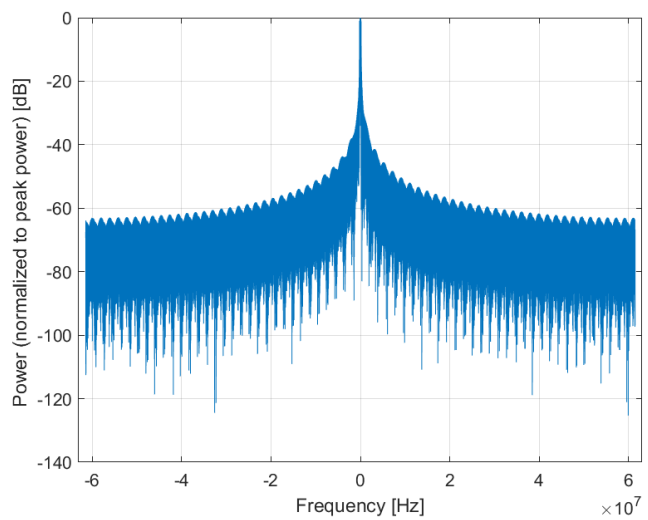
|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)</b>                                                                                                         |
| Group:                  | 5G NR FR1 TDD                                                                                                                                              |
| UID:                    | 10802-AAC                                                                                                                                                  |
| PAR: <sup>1</sup>       | <b>7.87 dB</b>                                                                                                                                             |
| MIF: <sup>2</sup>       | <b>-14.43 dB</b>                                                                                                                                           |
| Standard Reference:     | SPEAG                                                                                                                                                      |
| Category:               | Random amplitude modulation                                                                                                                                |
| Modulation:             | QPSK                                                                                                                                                       |
| Frequency Band:         | Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9           |
| Bandwidth:              | 90.0 MHz                                                                                                                                                   |
| Integration Time:       | 10.0 ms                                                                                                                                                    |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

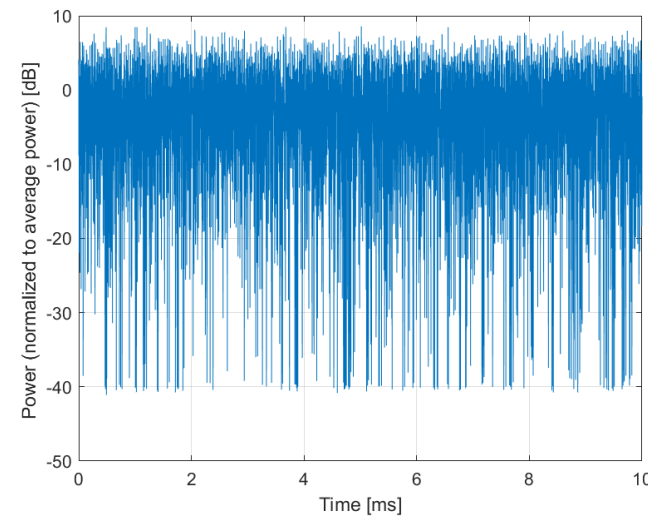
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)</b>                                                                                                                                      |
| Group:                  | 5G NR FR1 TDD                                                                                                                                                                            |
| UID:                    | 10803-AAC                                                                                                                                                                                |
| PAR: <sup>1</sup>       | <b>7.93 dB</b>                                                                                                                                                                           |
| MIF: <sup>2</sup>       | <b>-14.38 dB</b>                                                                                                                                                                         |
| Standard Reference:     | SPEAG                                                                                                                                                                                    |
| Category:               | Random amplitude modulation                                                                                                                                                              |
| Modulation:             | QPSK                                                                                                                                                                                     |
| Frequency Band:         | Band n41 (2496 - 2690 MHz)<br>Band n48 (3550 - 3700 MHz)<br>Band n77 (3300 - 4200 MHz)<br>Band n78 (3300 - 3800 MHz)<br>Band n79 (4400 - 5000 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Multiplexing Scheme: CP-OFDM<br>Modulation Scheme: QPSK<br>Subcarrier Spacing: 30 kHz<br>Number RBs: 1<br>Slot Format Index: 1<br>Data Type: PN9                                         |
| Bandwidth:              | 100.0 MHz                                                                                                                                                                                |
| Integration Time:       | 10.0 ms                                                                                                                                                                                  |

<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).