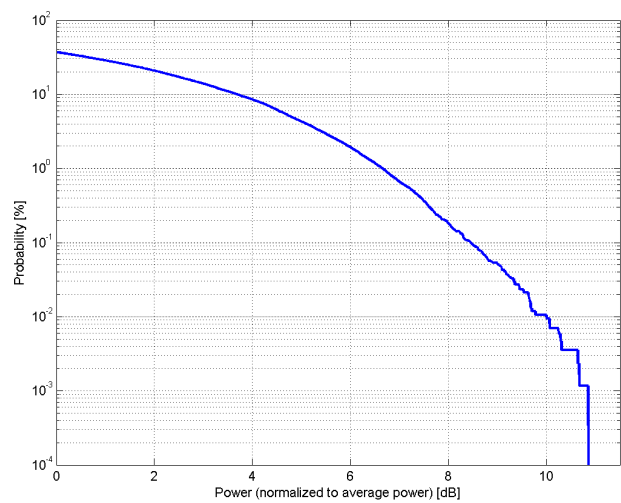


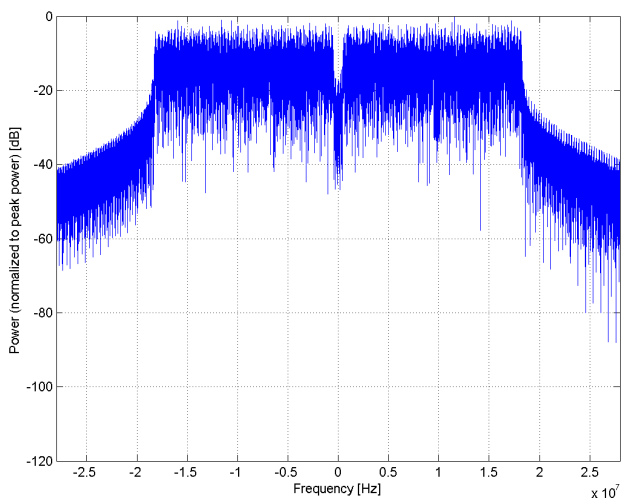
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10541-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.46 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -14.92 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 64-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 40MHz<br>Duty cycle: 99%<br>MCS: 7<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.5 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

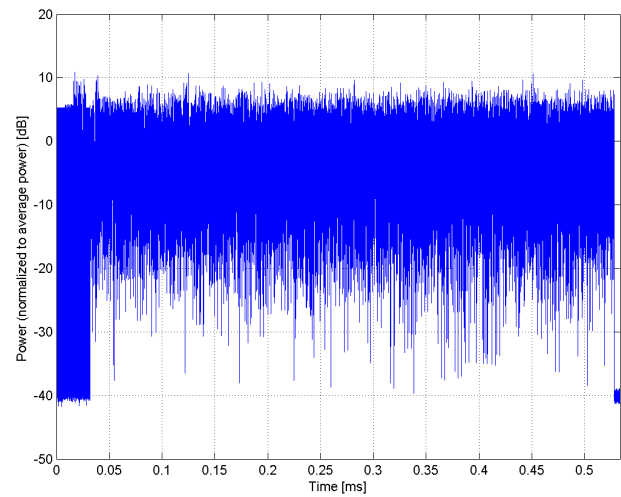
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



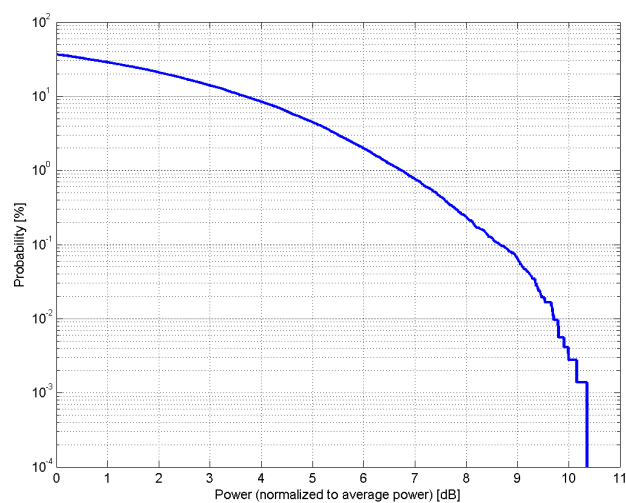
Time Domain

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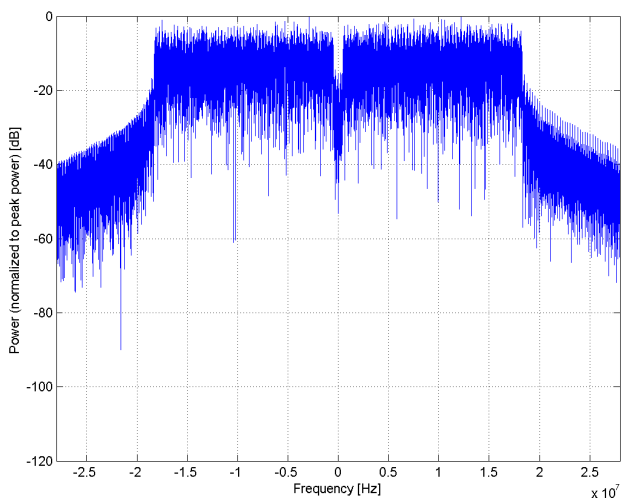
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10542-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.65 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -14.56 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 40MHz<br>Duty cycle: 99%<br>MCS: 8<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 40.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.5 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)"

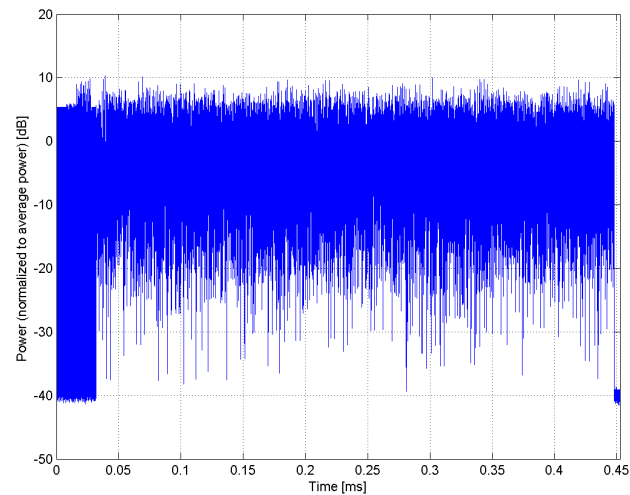
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



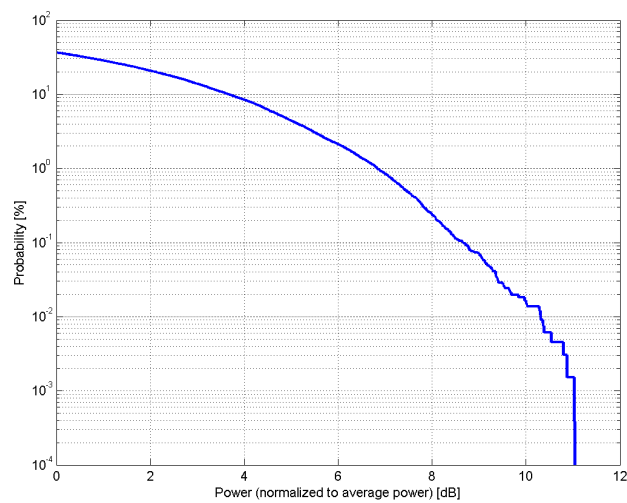
Time Domain

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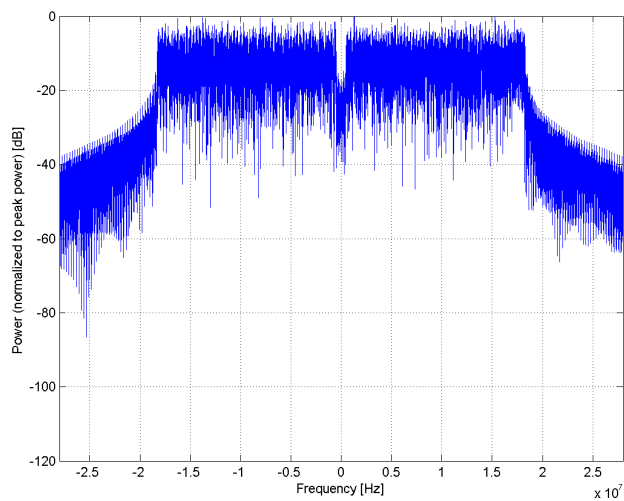
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | <b>IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)</b>                                                                                                                                                                                                                                                                                                                                                                                                           |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10543-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | <b>8.65 dB</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MIF: <sup>2</sup>       | <b>-15.76 dB</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 40MHz<br>Duty cycle: 99%<br>MCS: 9<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 40.0 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)"

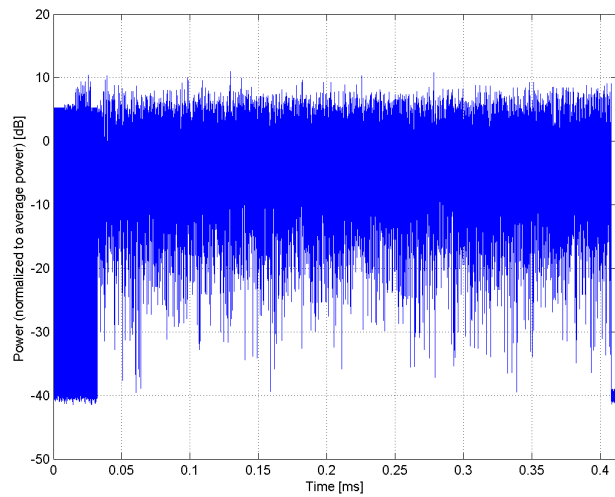
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



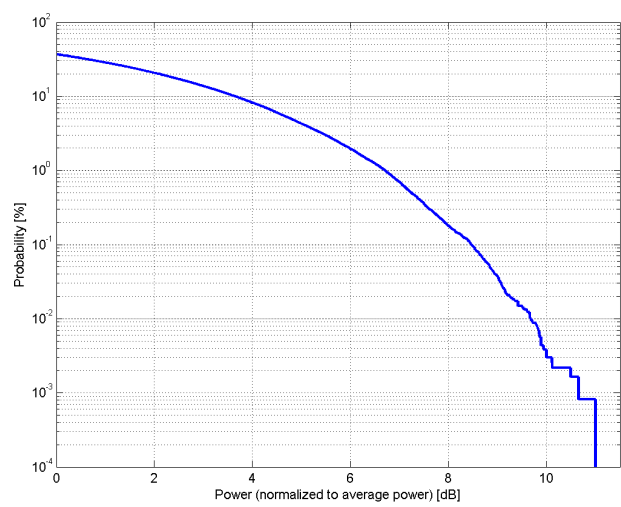
Time Domain

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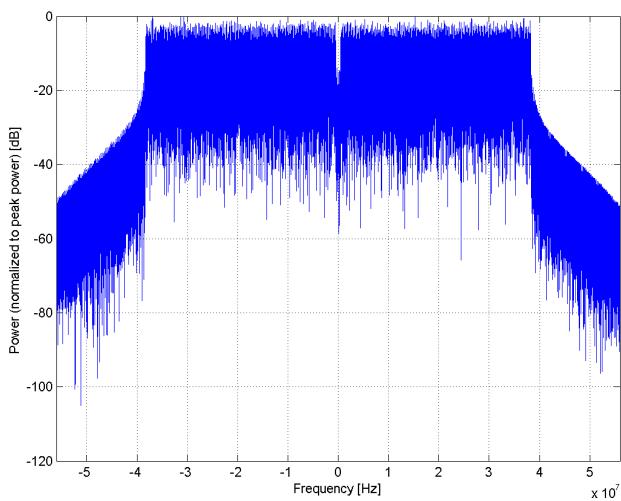
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10544-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.47 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -13.78 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | BPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 0<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 2.3 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)"

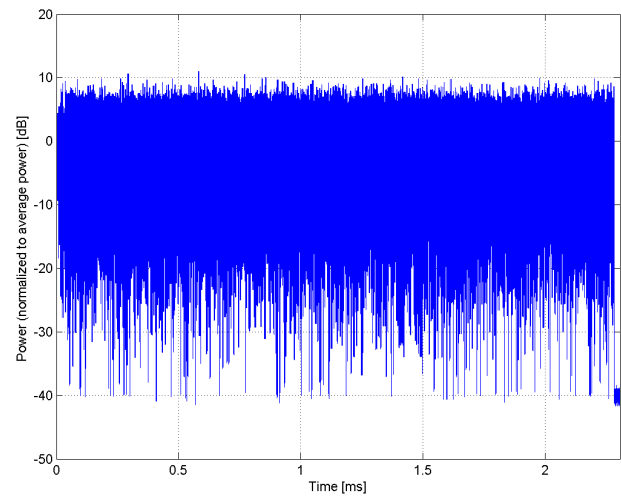
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



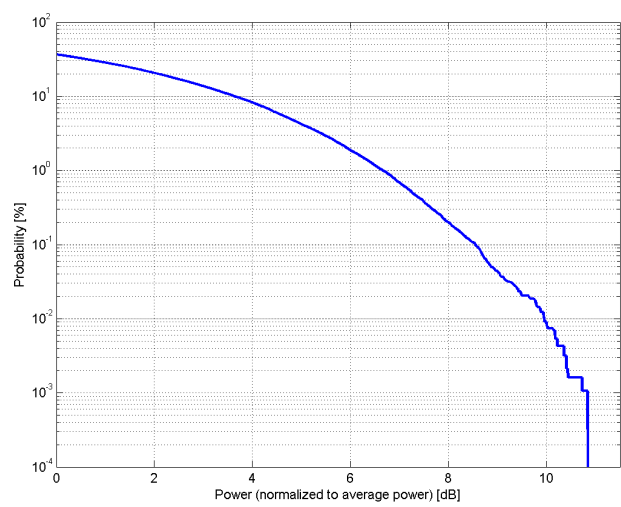
Time Domain

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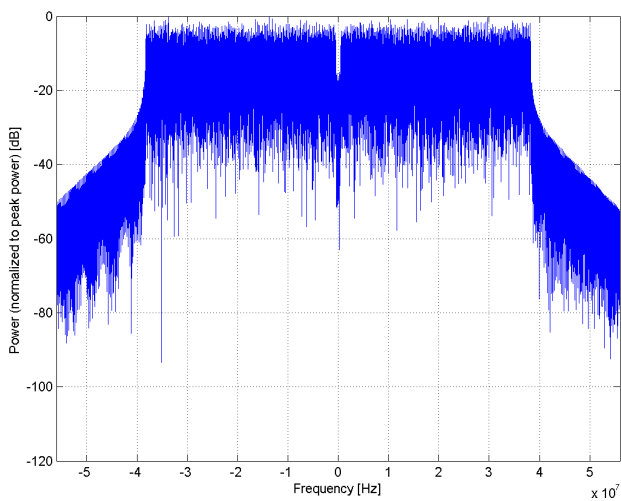
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10545-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.55 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -14.73 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 1<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 1.2 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)"

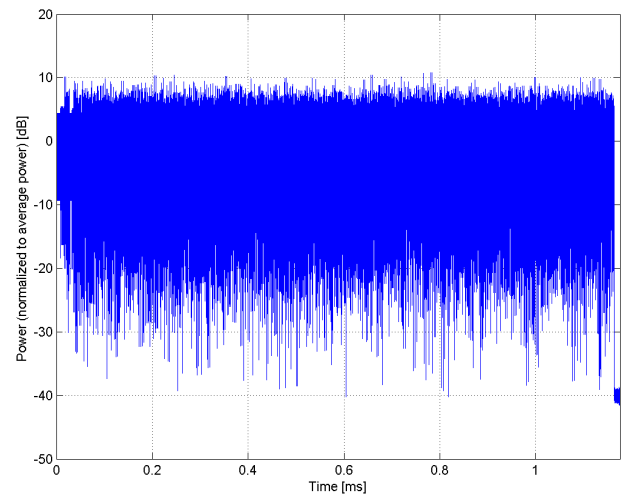
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

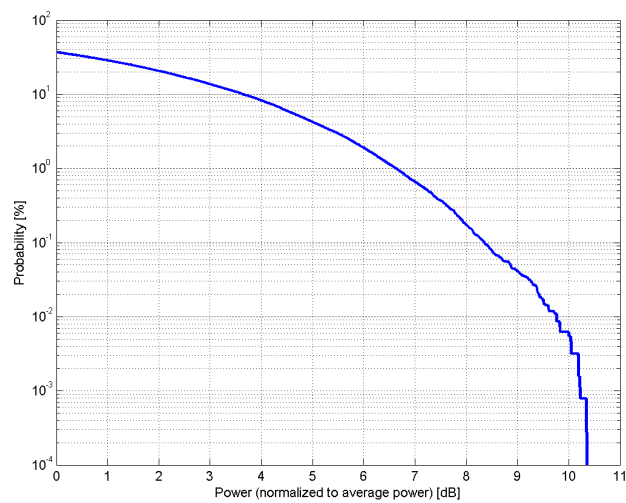


Time Domain

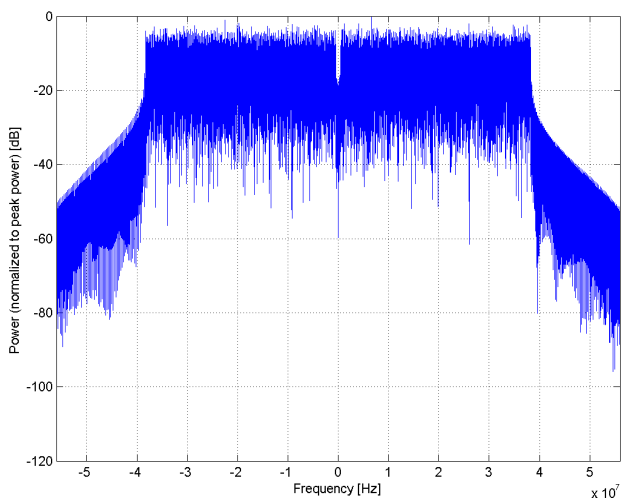
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10546-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.35 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -15.59 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 2<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.8 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

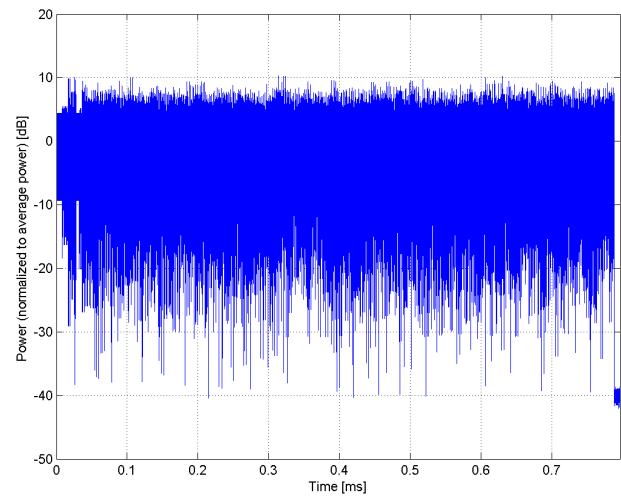
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

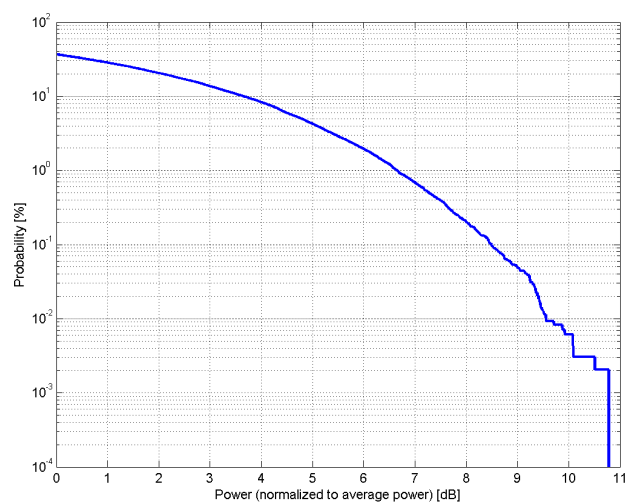


Time Domain

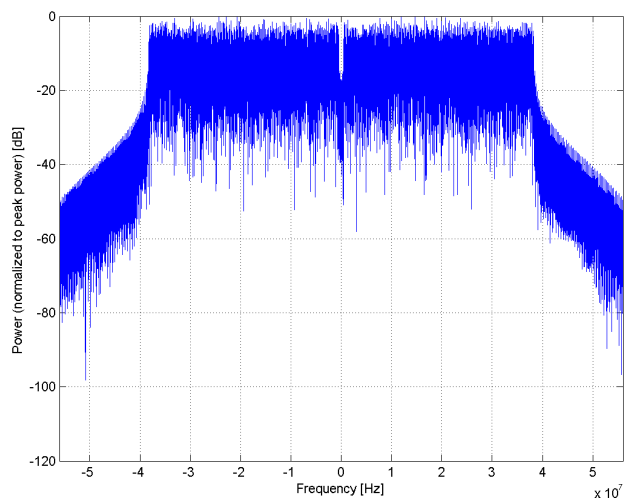
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10547-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.49 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -16.92 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 3<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.6 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

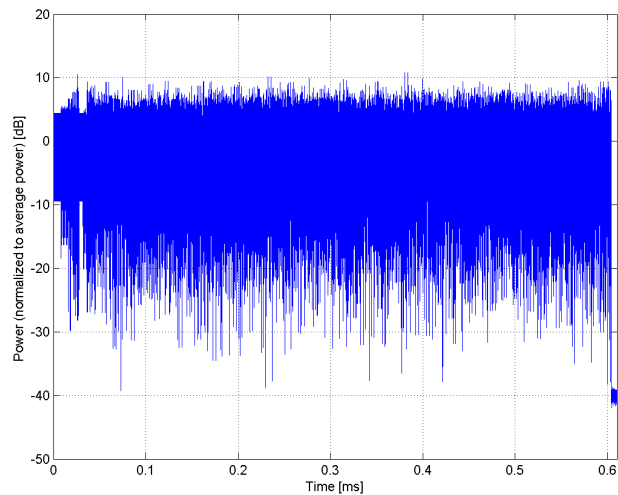
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



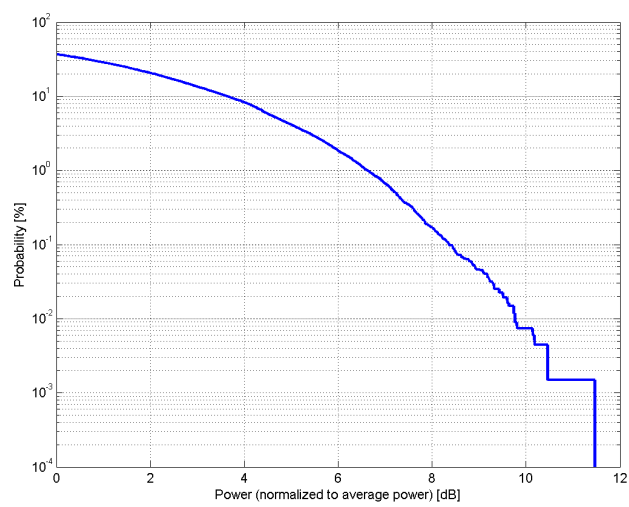
Time Domain

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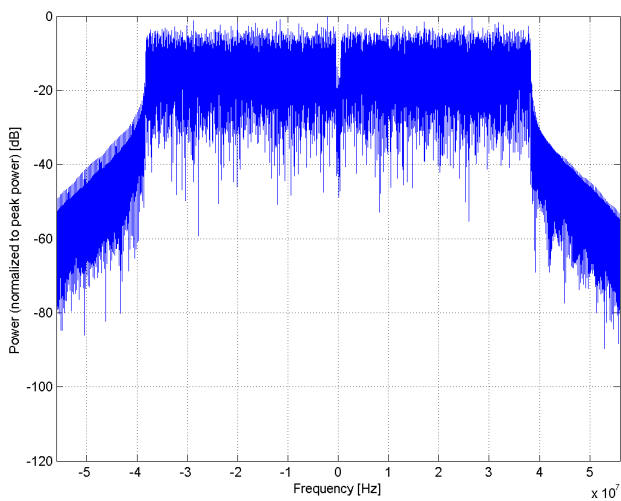
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10548-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.37 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -18.67 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 4<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 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)"

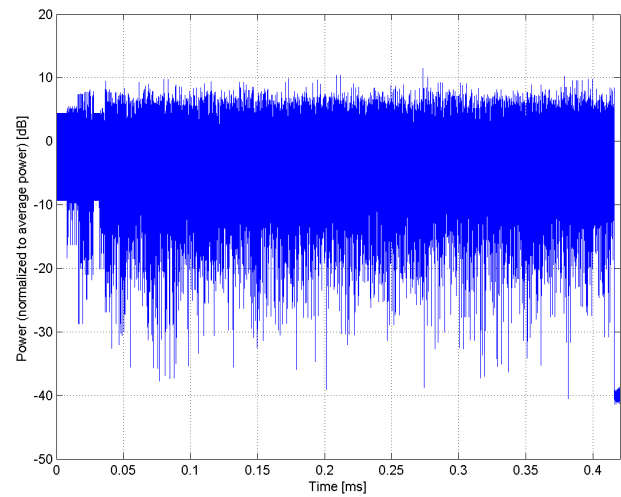
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

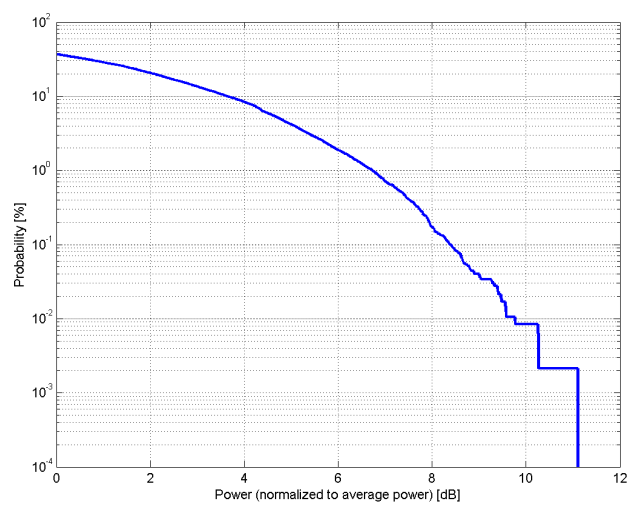


Time Domain

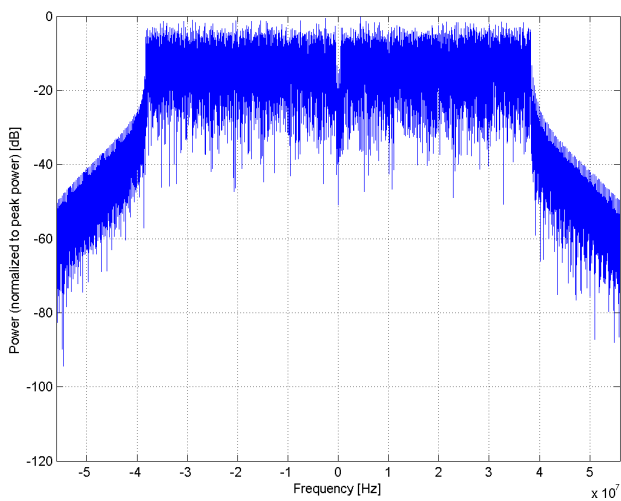
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10550-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.38 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -19.70 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 64-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 6<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.3 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

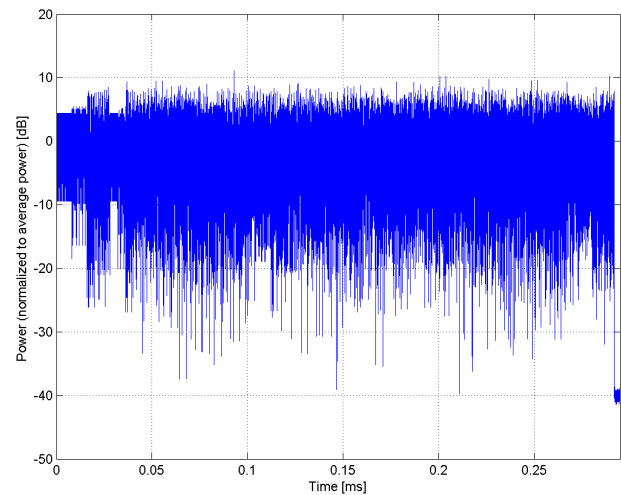
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



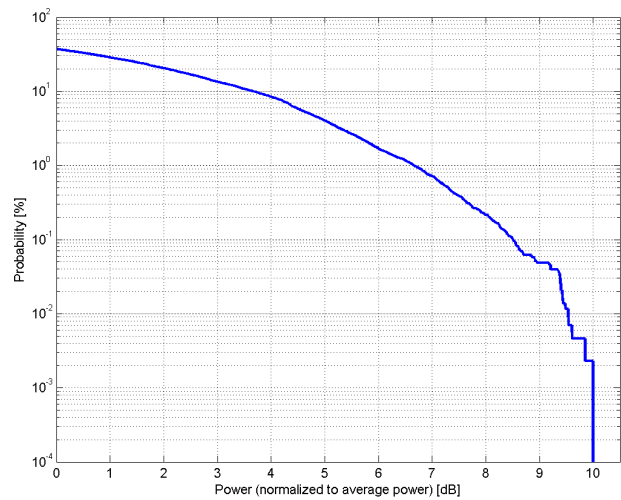
Time Domain

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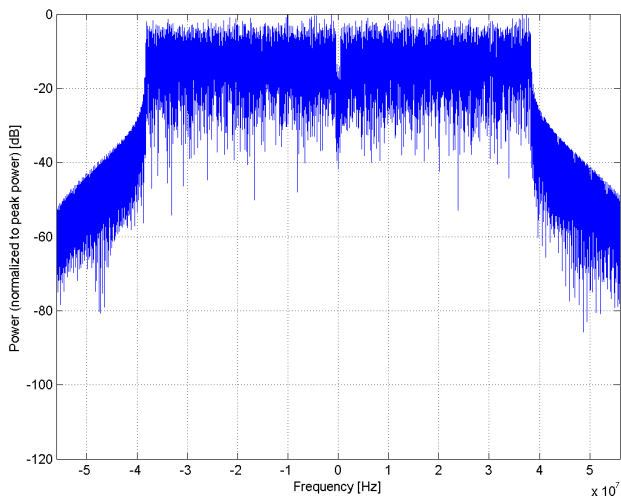
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10551-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.50 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -19.55 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 64-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 7<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.3 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)"

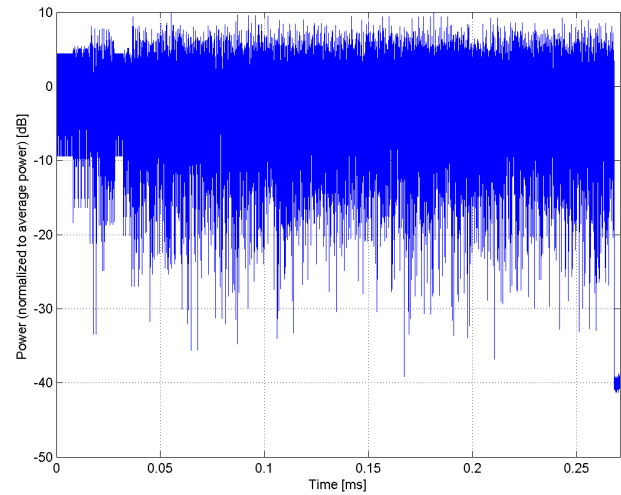
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



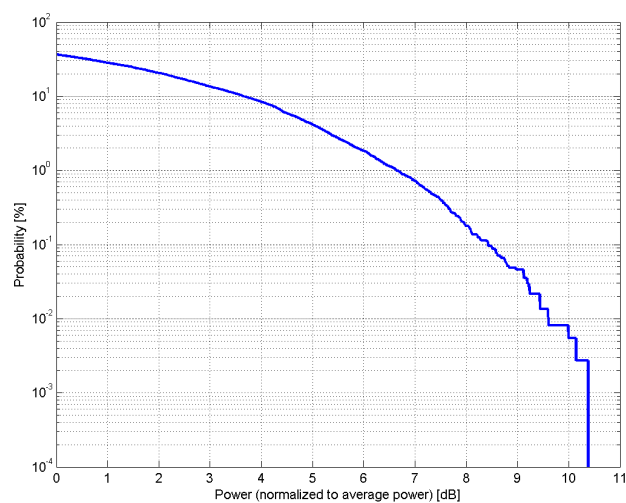
Time Domain

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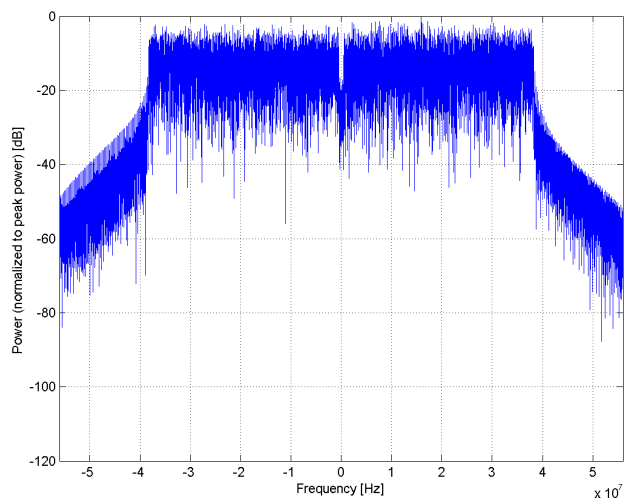
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10552-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.42 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -21.54 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 8<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.2 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)"

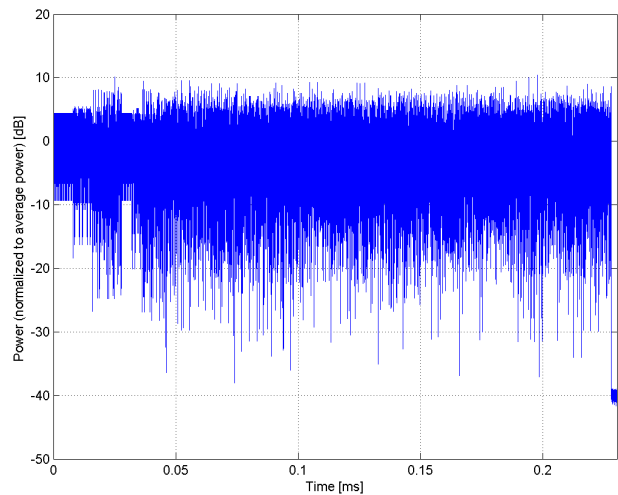
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



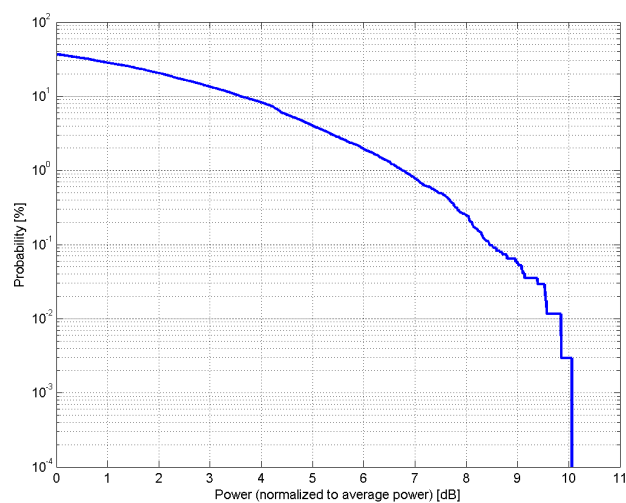
Time Domain

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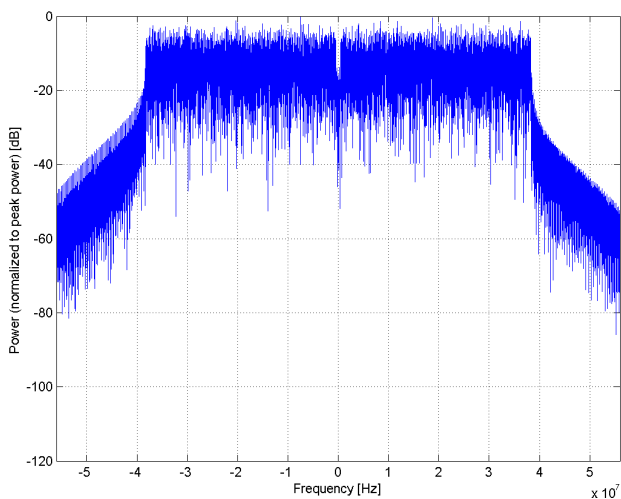
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10553-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.45 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -23.01 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz<br>Duty cycle: 99%<br>MCS: 9<br>Number of spatial streams: 1<br>MPDU length: 8192                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 80.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 0.2 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)"

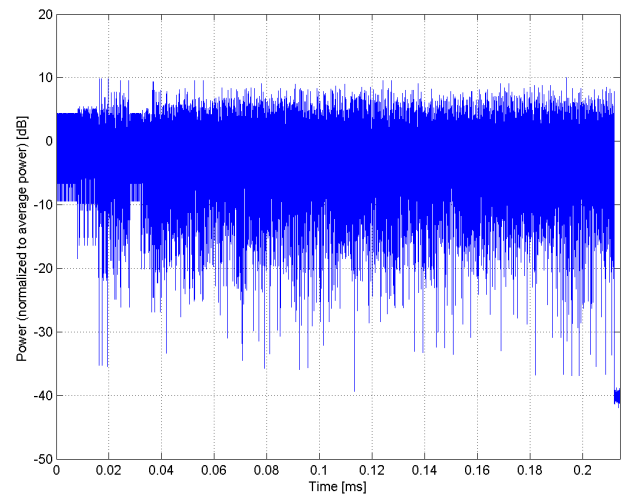
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



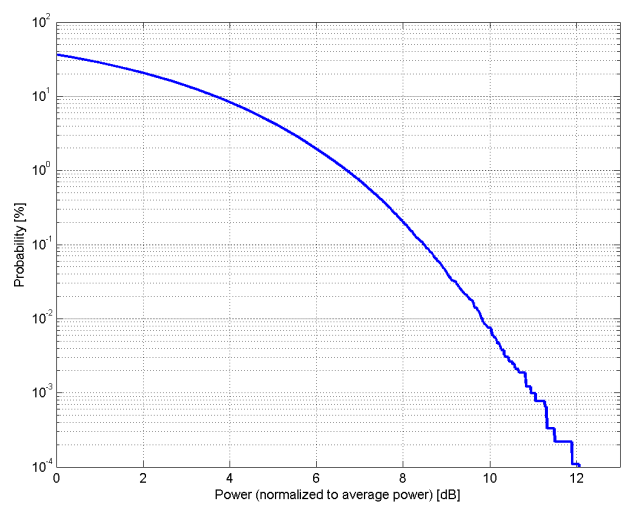
Time Domain

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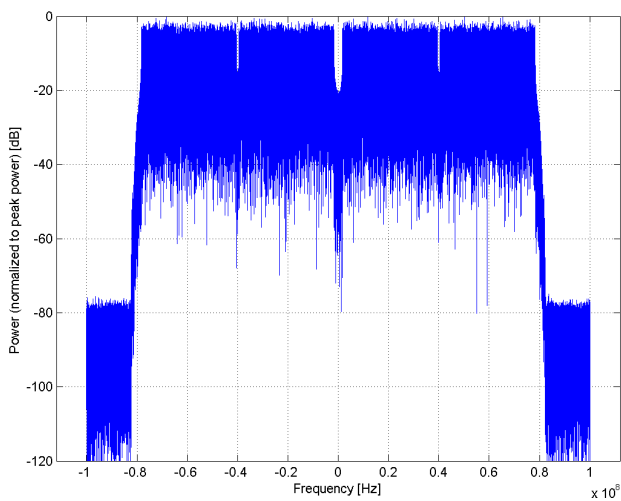
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10554-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.48 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -12.12 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | BPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 0<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 4.6 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)"

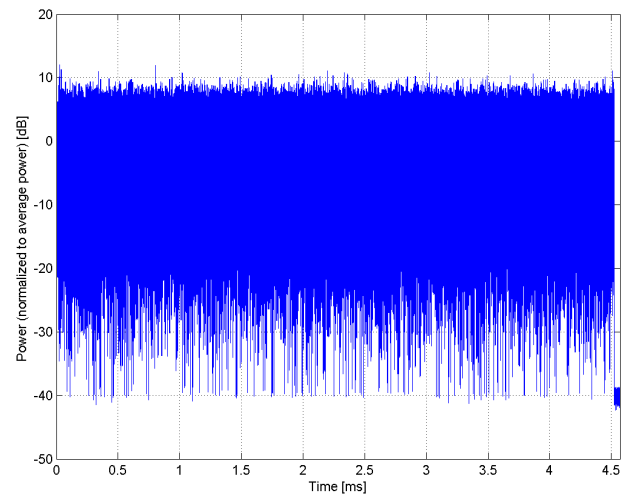
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



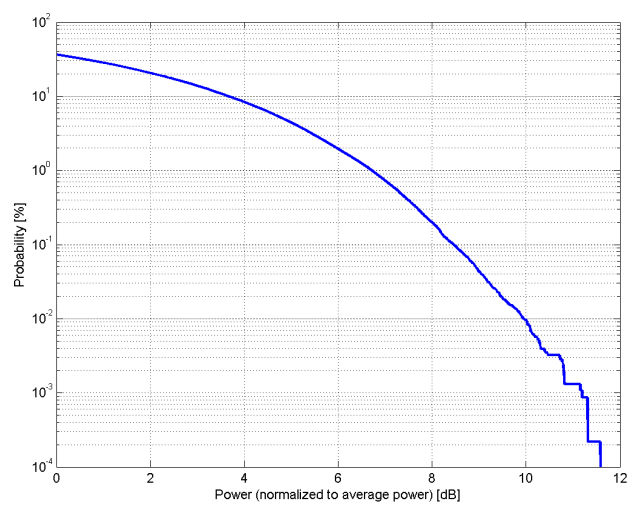
Time Domain

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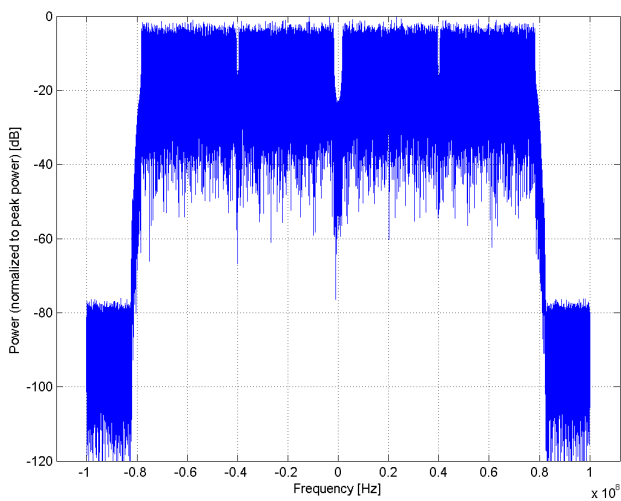
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10555-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.47 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -13.15 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 1<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 2.3 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)"

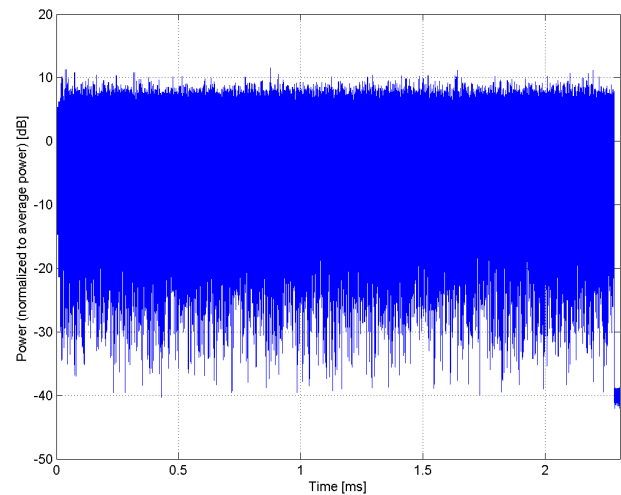
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



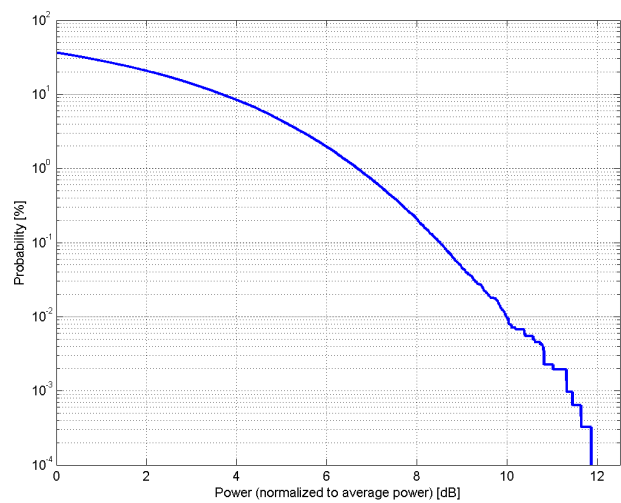
Time Domain

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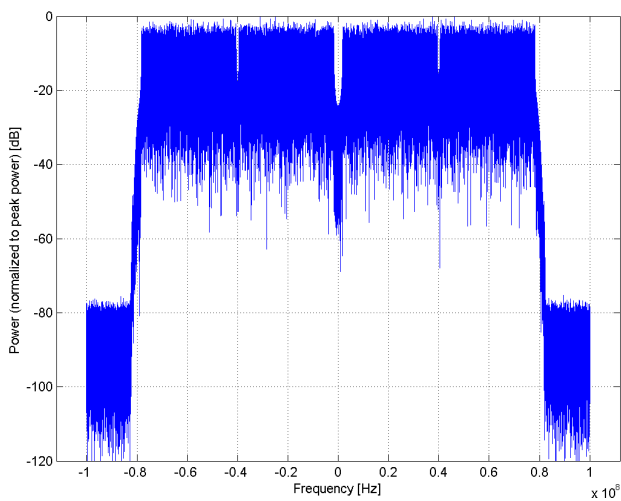
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10556-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.50 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -13.55 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 2<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 1.6 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)"

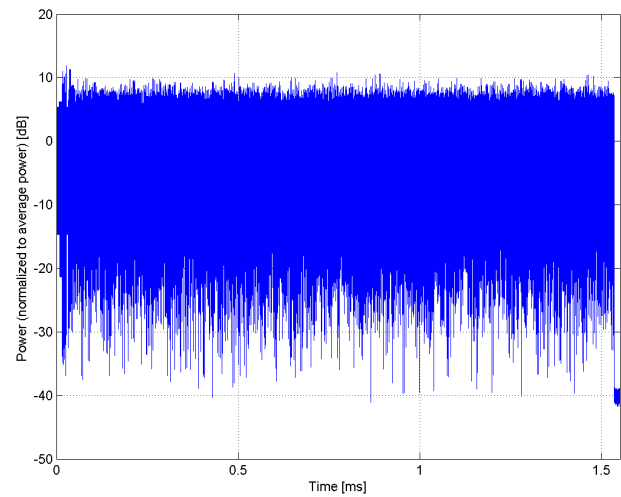
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



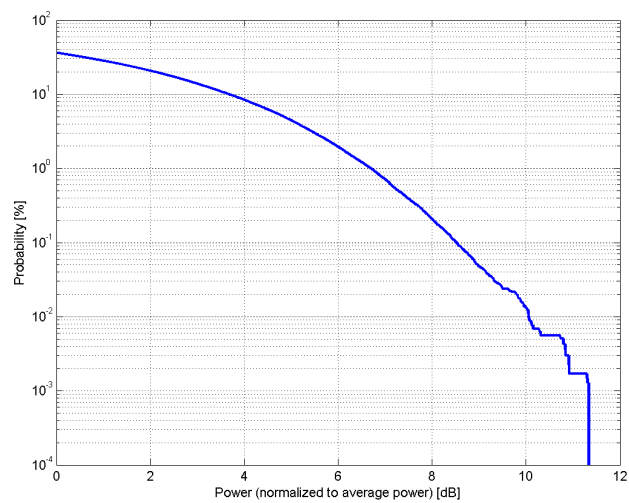
Time Domain

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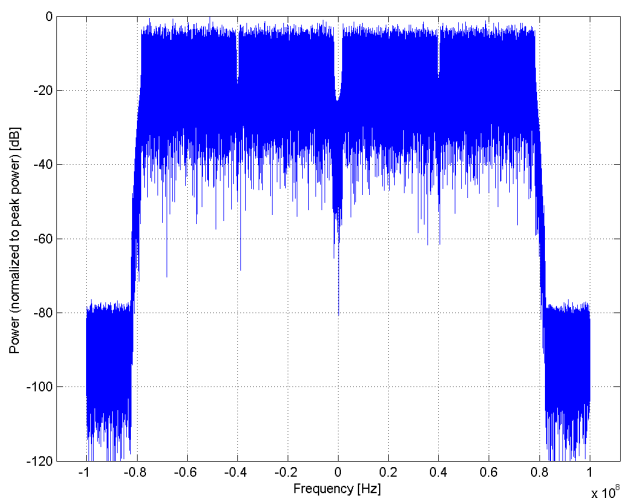
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10557-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.52 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -13.89 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 3<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 1.2 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)"

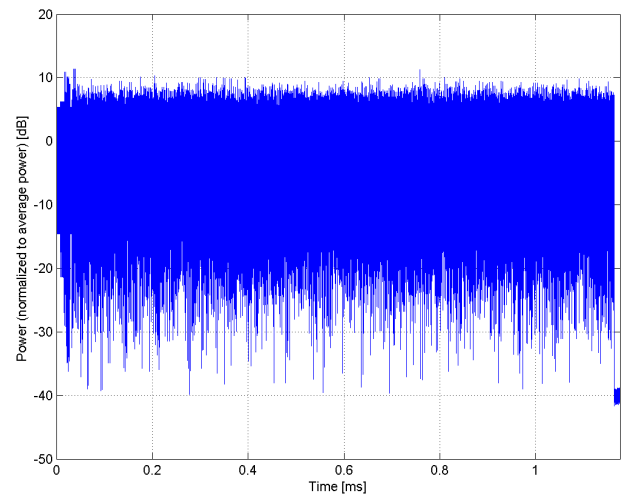
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



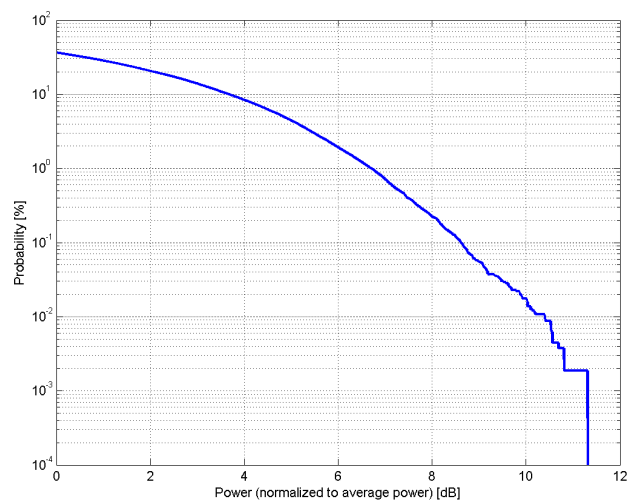
Time Domain

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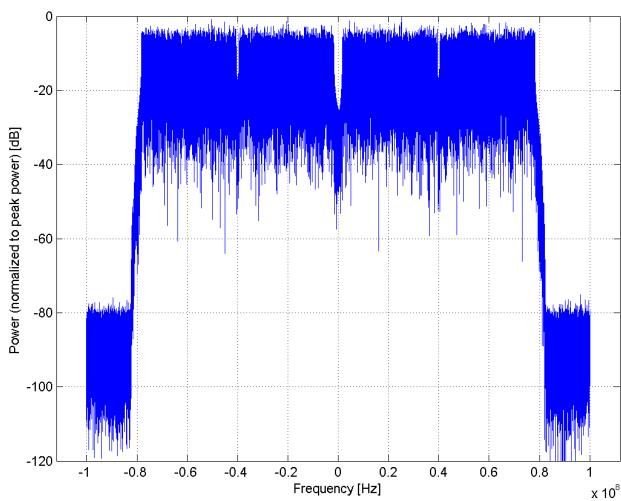
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10558-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.61 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -14.15 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 4<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 0.8 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)"

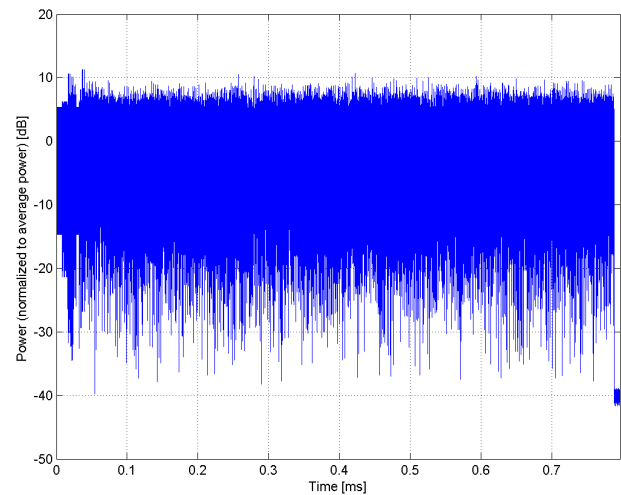
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



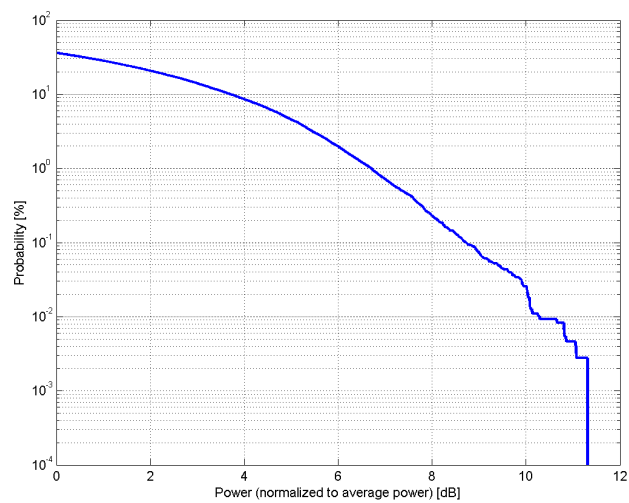
Time Domain

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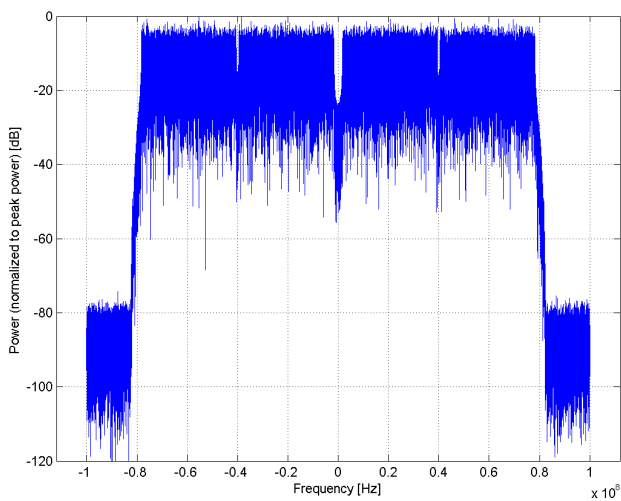
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10560-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.73 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -14.69 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 64-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 6<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 0.5 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)"

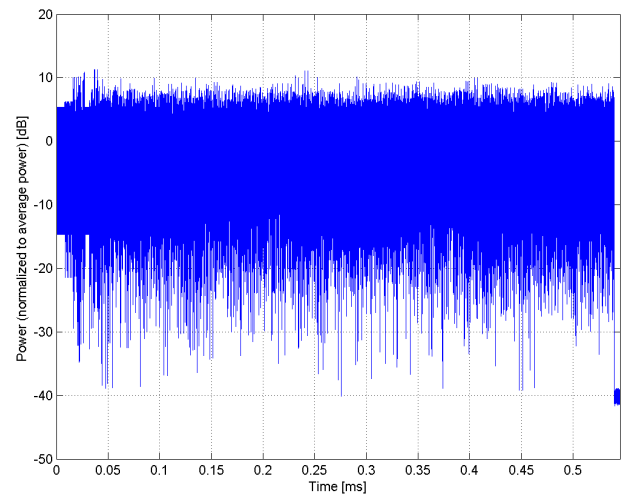
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



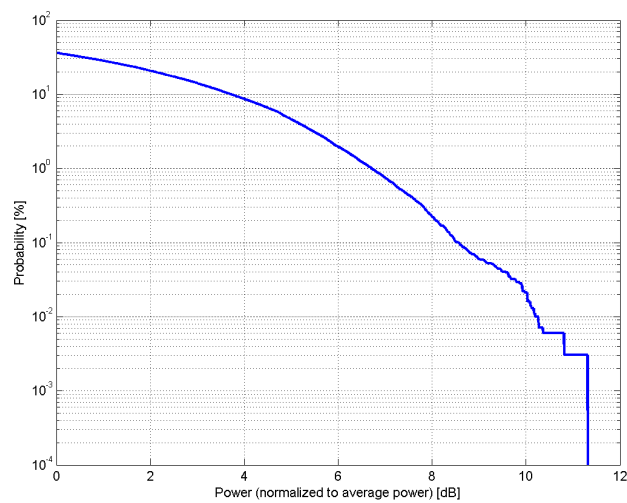
Time Domain

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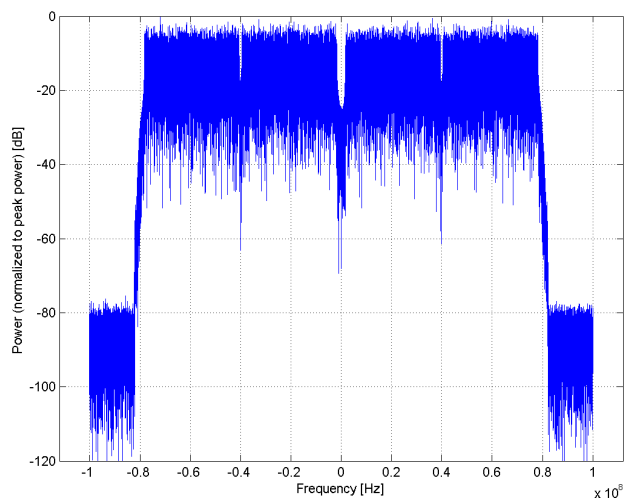
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10561-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.56 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -15.13 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 64-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 7<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 160.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Integration Time:       | 0.5 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)"

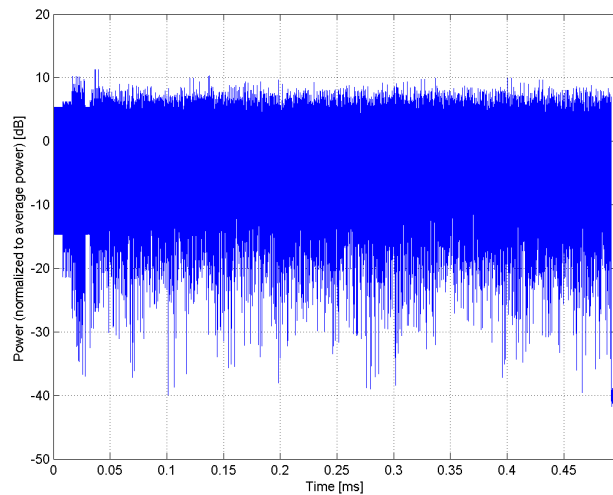
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



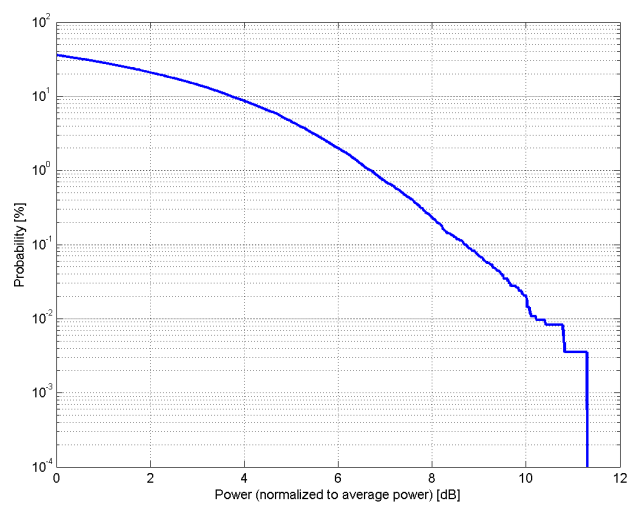
Time Domain

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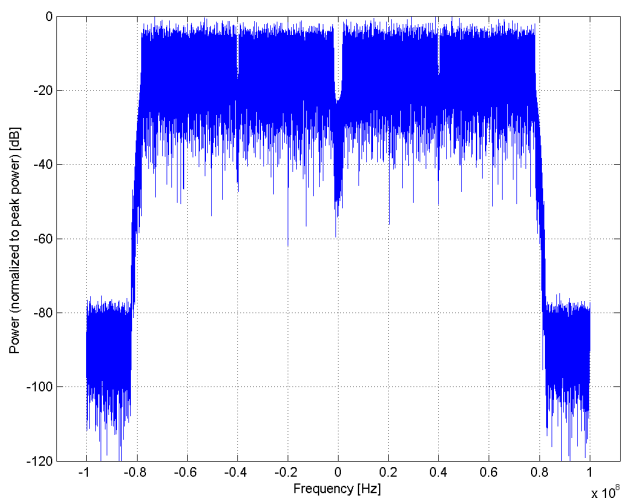
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10562-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.69 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -15.04 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 8<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| 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)"

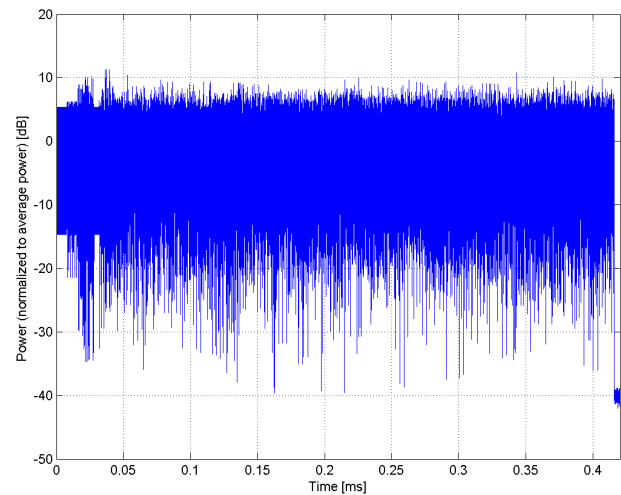
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



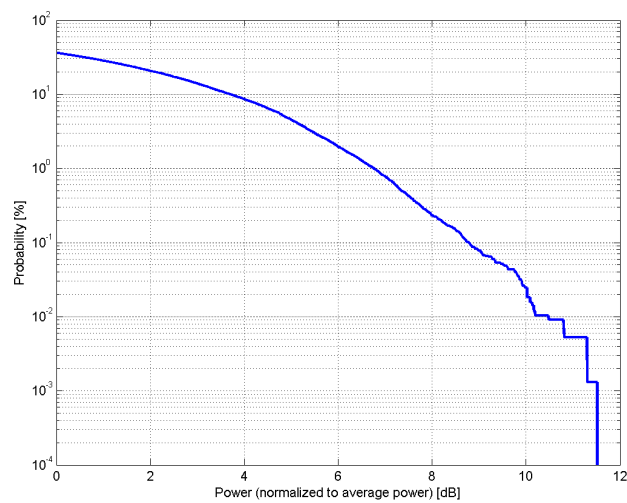
Time Domain

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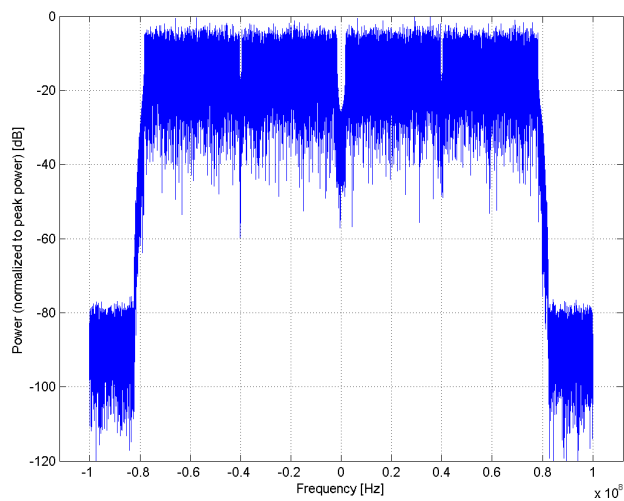
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10563-AAE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.77 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -15.40 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 256-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz<br>Duty cycle: 99%<br>MCS: 9<br>Number of spatial streams: 1<br>MPDU length: 32768                                                                                                                                                                                                                                                                                                                                                               |
| 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)"

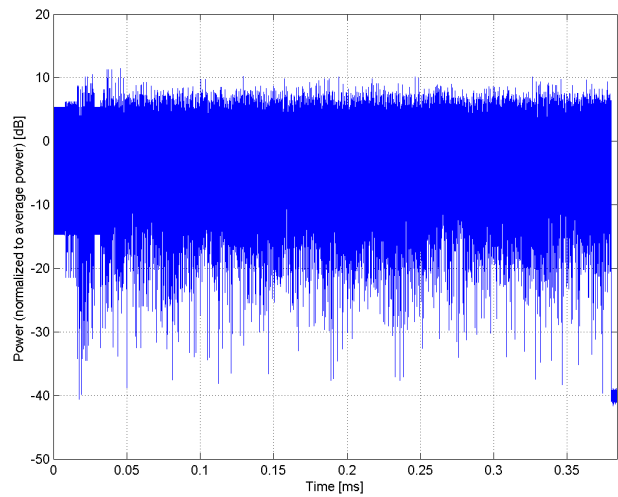
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

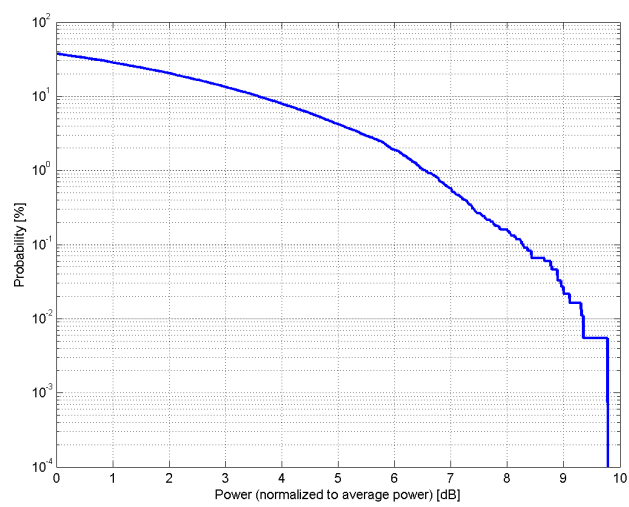
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10564-AAA

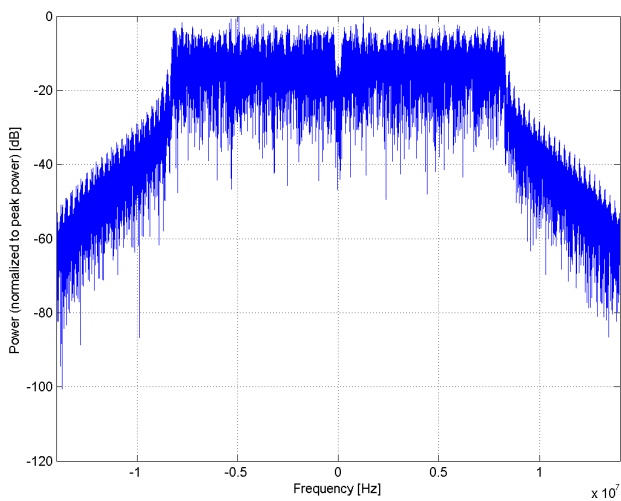
PAR: <sup>1</sup> **8.25 dB**  
MIF: <sup>2</sup> **-15.41 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: BPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 9Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.9 ms

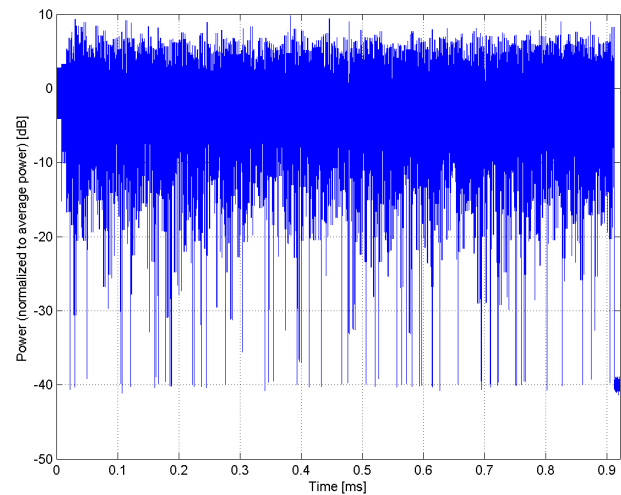
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

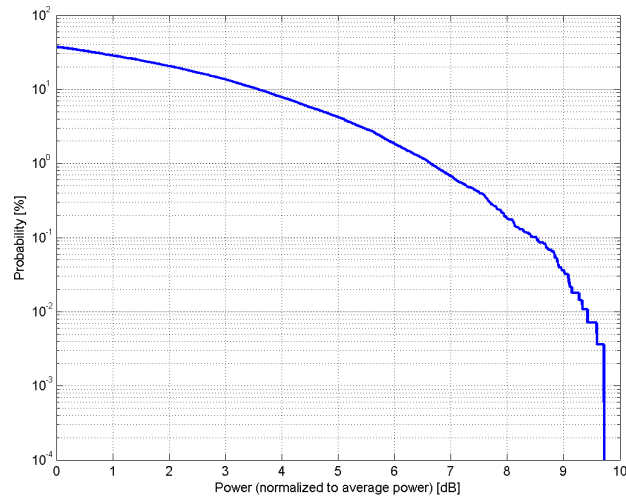
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10565-AAA

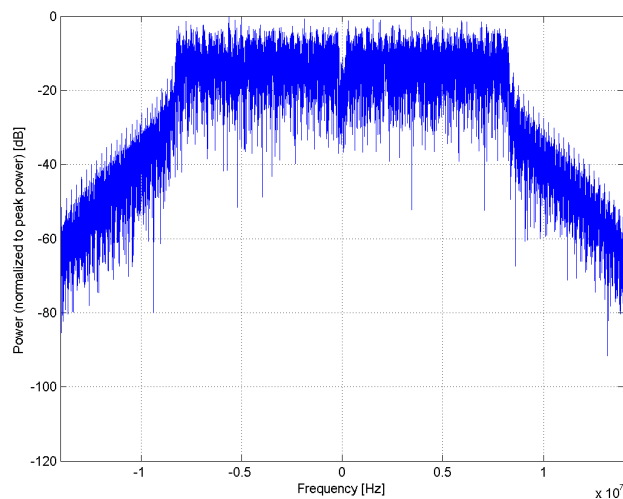
PAR: <sup>1</sup> **8.45 dB**  
MIF: <sup>2</sup> **-16.70 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 12Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.7 ms

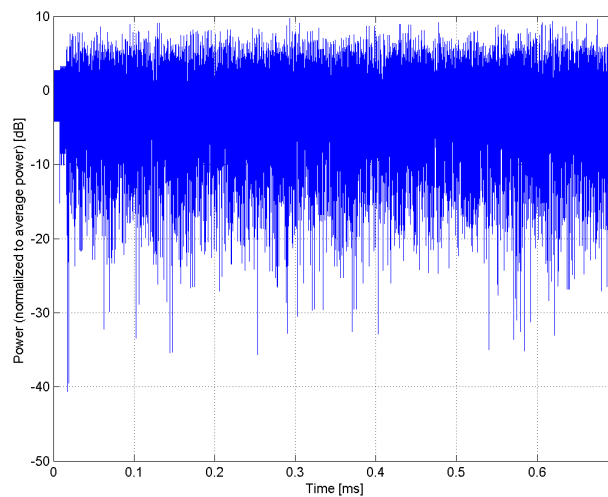
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

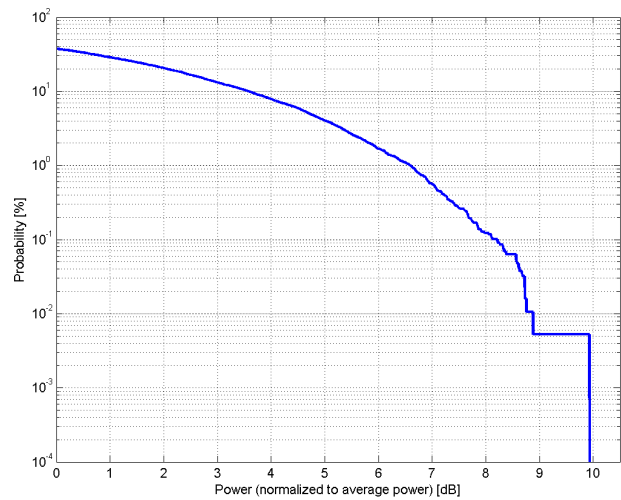
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10566-AAA

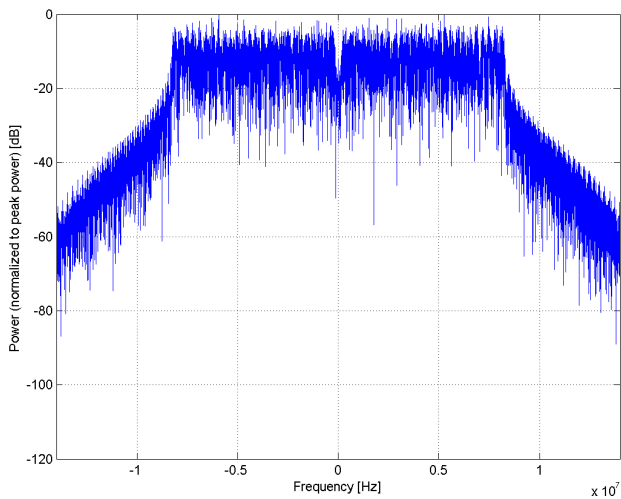
PAR: <sup>1</sup> **8.13 dB**  
MIF: <sup>2</sup> **-18.78 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 18Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.5 ms

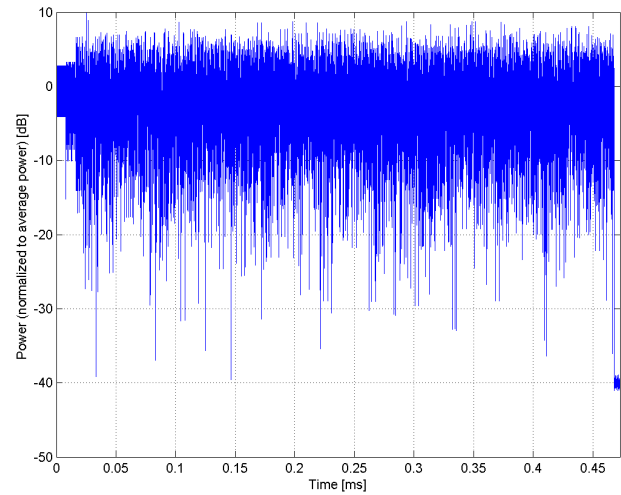
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

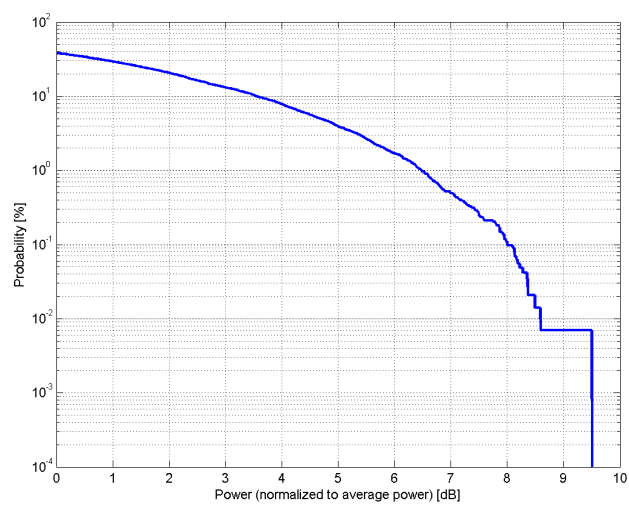
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10567-AAA

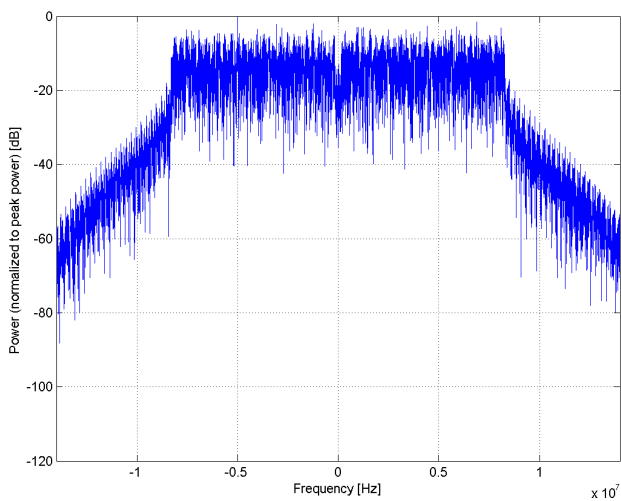
PAR: <sup>1</sup> **8.00 dB**  
MIF: <sup>2</sup> **-23.09 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 16-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 24Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.4 ms

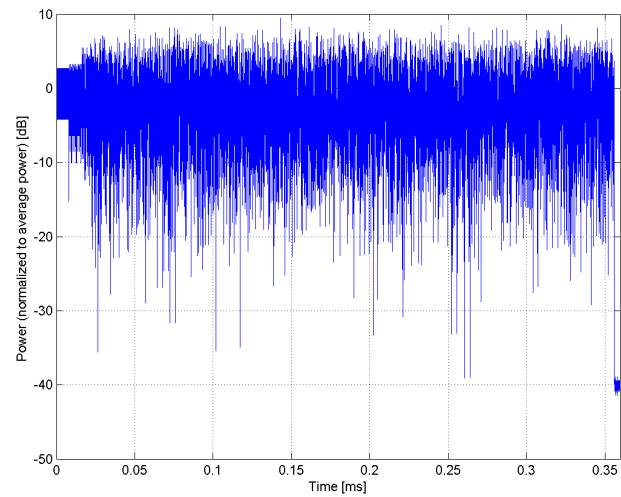
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

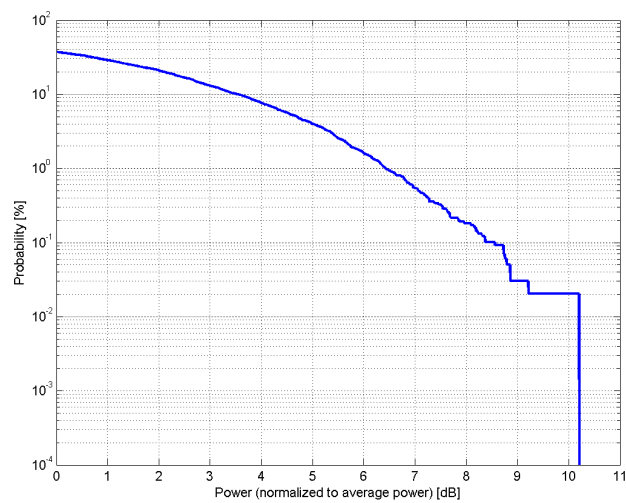
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10568-AAA

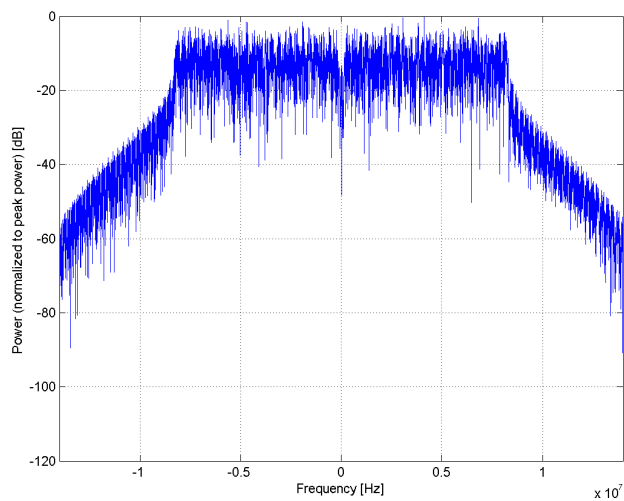
PAR: <sup>1</sup> **8.37 dB**  
MIF: <sup>2</sup> **-22.04 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 16-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 36Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.2 ms

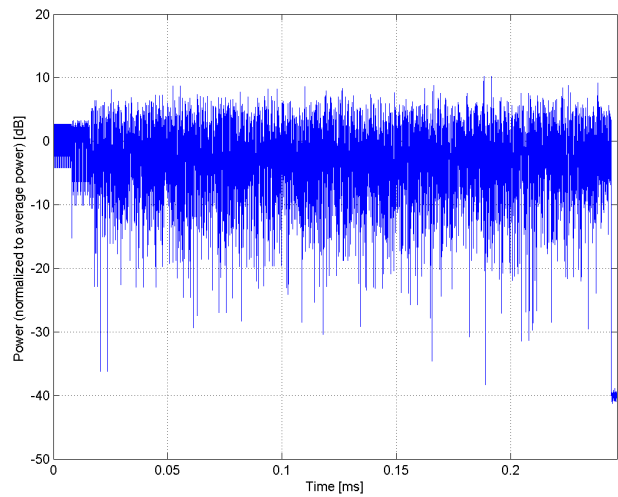
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

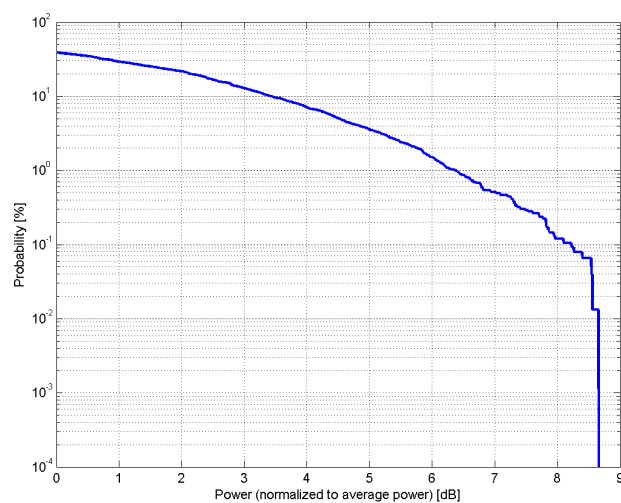
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10569-AAA

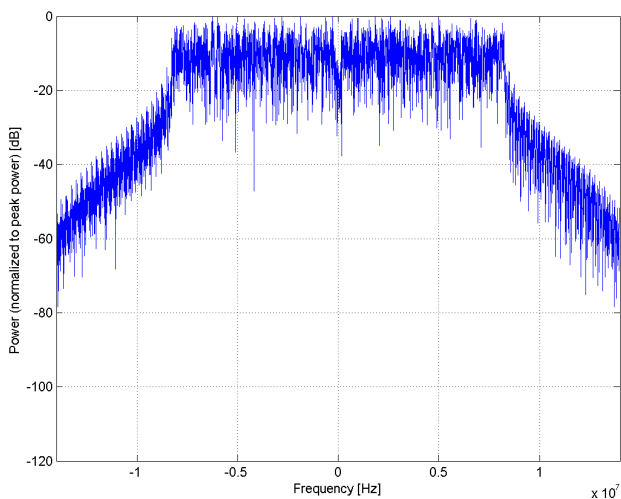
PAR: <sup>1</sup> **8.10 dB**  
MIF: <sup>2</sup> **-24.25 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 48Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.2 ms

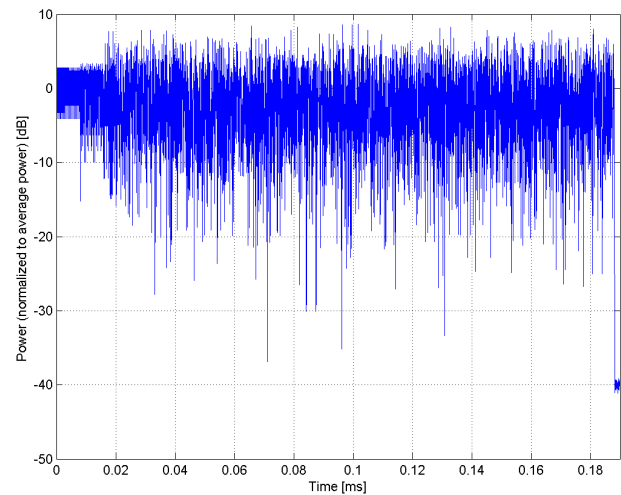
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)**

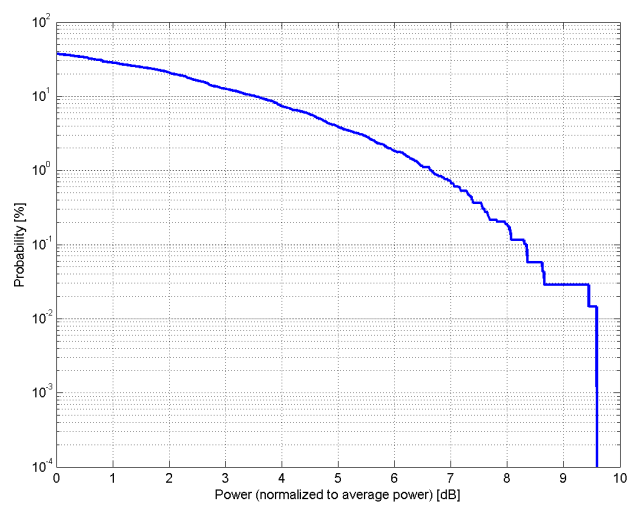
Group: WLAN  
UID: 10570-AAA

PAR: <sup>1</sup> **8.30 dB**  
MIF: <sup>2</sup> **-29.31 dB**

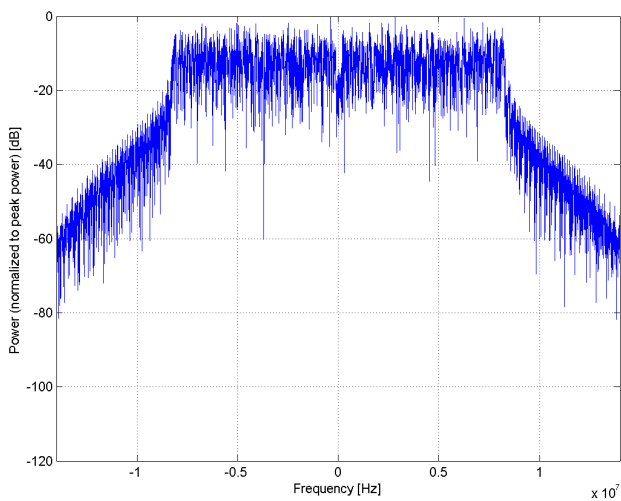
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 54Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.2 ms

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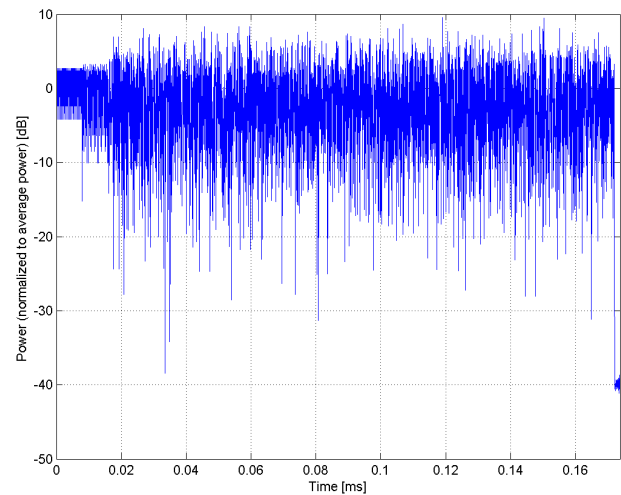
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of**  
**Schmid & Partner**  
**Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

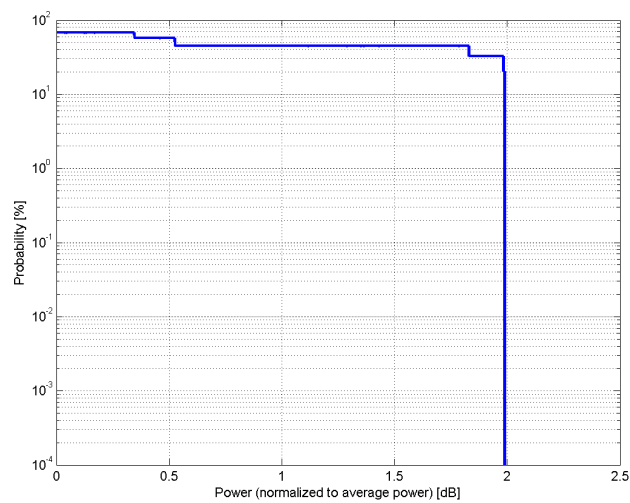
Name: **IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10571-AAA

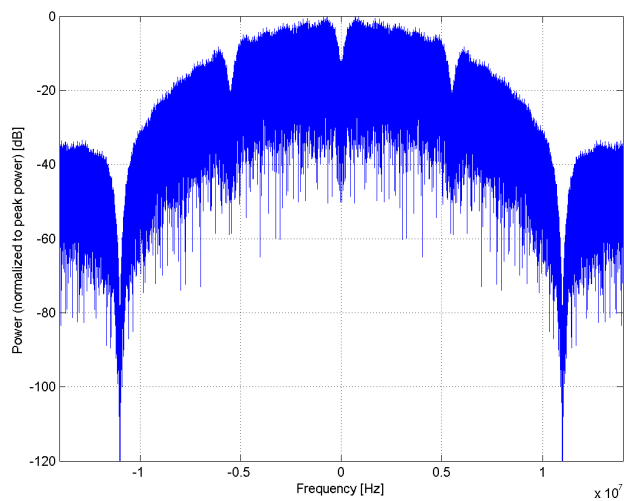
PAR: <sup>1</sup> **1.99 dB**  
MIF: <sup>2</sup> **-5.62 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data Rate: 1Mbps  
Bandwidth: 20.0 MHz  
Integration Time: 9.3 ms

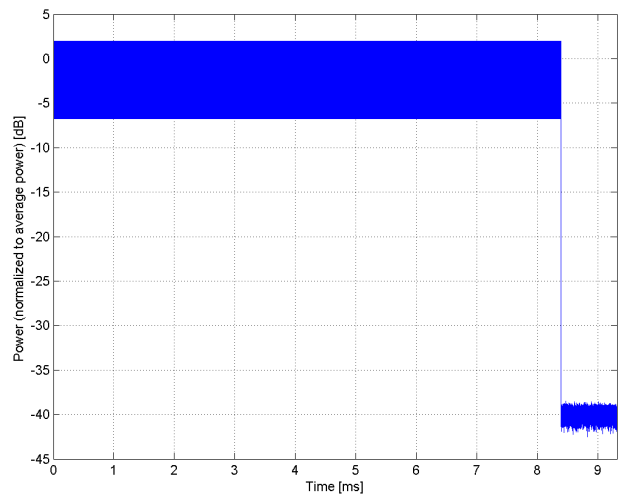
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

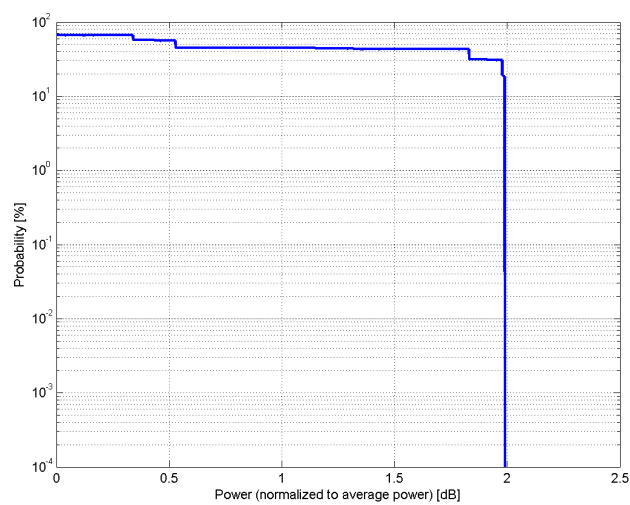
Name: **IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10572-AAA

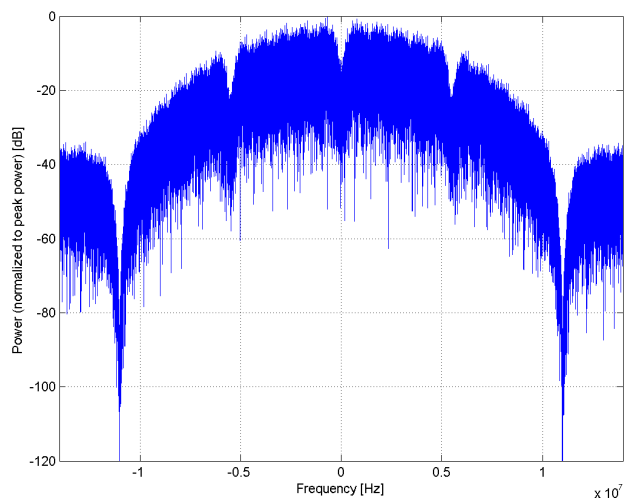
PAR: <sup>1</sup> **1.99 dB**  
MIF: <sup>2</sup> **-5.53 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data Rate: 2Mbps  
Bandwidth: 20.0 MHz  
Integration Time: 4.8 ms

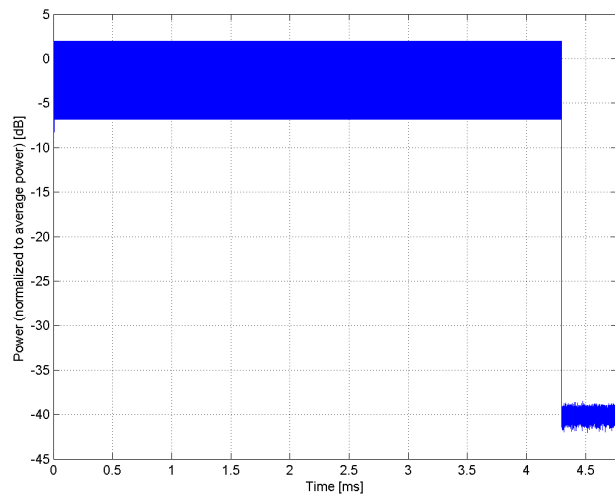
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

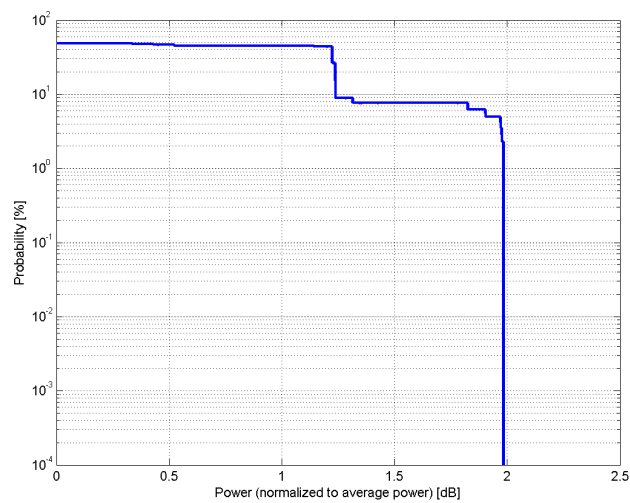
Name: **IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10573-AAA

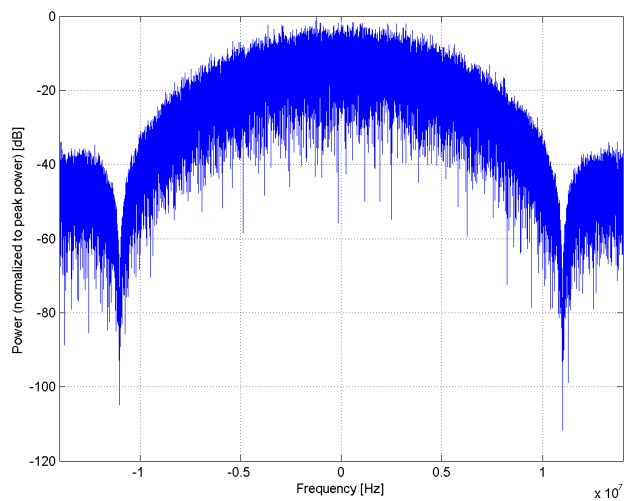
PAR: <sup>1</sup> **1.98 dB**  
MIF: <sup>2</sup> **-5.73 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data Rate: 5.5Mbps  
Bandwidth: 20.0 MHz  
Integration Time: 1.9 ms

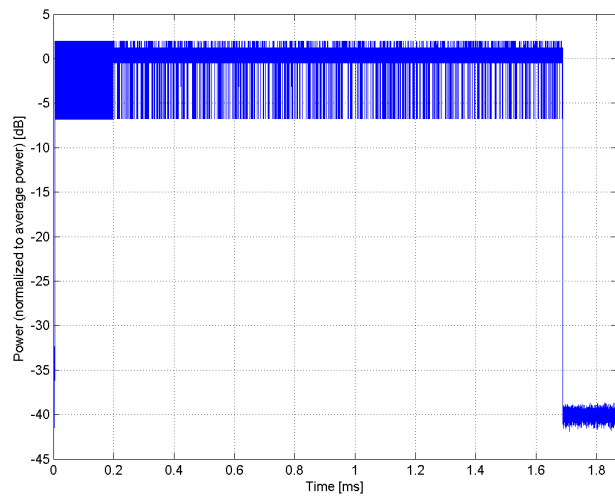
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

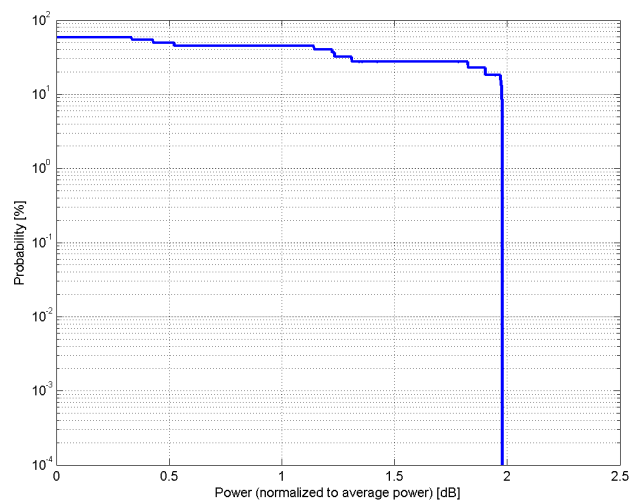
Name: **IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10574-AAA

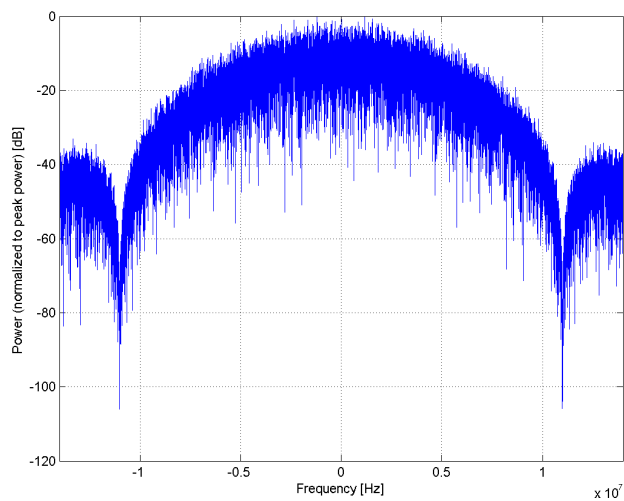
PAR: <sup>1</sup> **1.98 dB**  
MIF: <sup>2</sup> **-6.42 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data Rate: 11Mbps  
Bandwidth: 20.0 MHz  
Integration Time: 1.0 ms

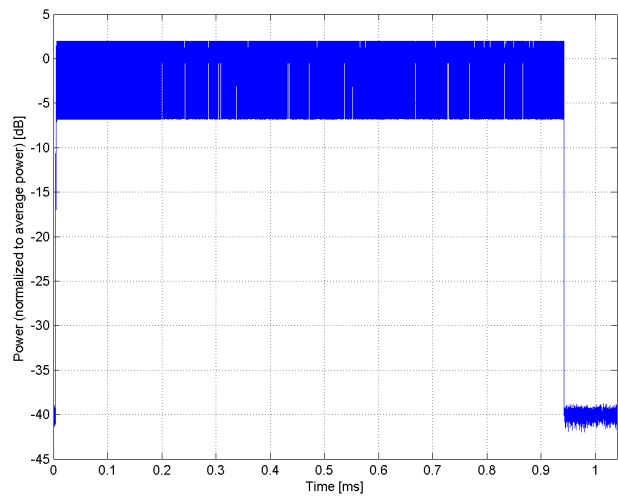
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

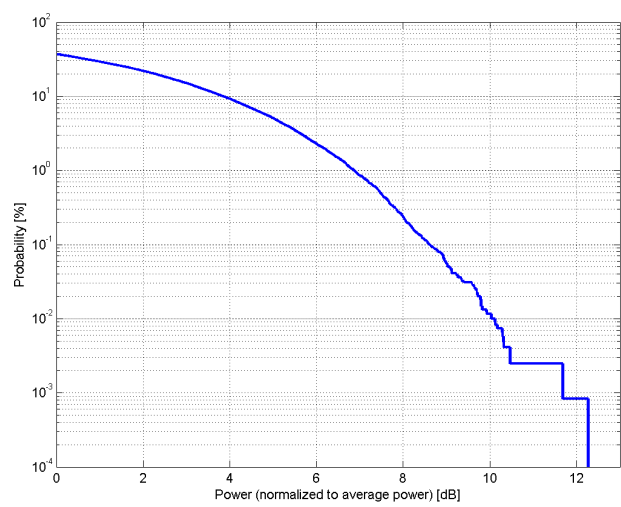
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10575-AAA

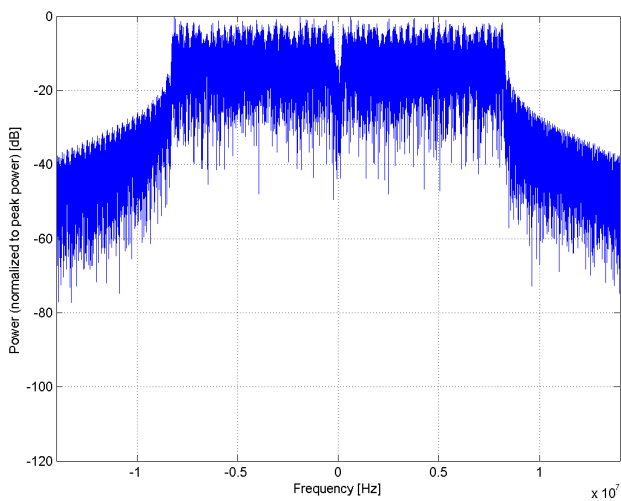
PAR: <sup>1</sup> **8.59 dB**  
MIF: <sup>2</sup> **-6.10 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: BPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 6Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 1.5 ms

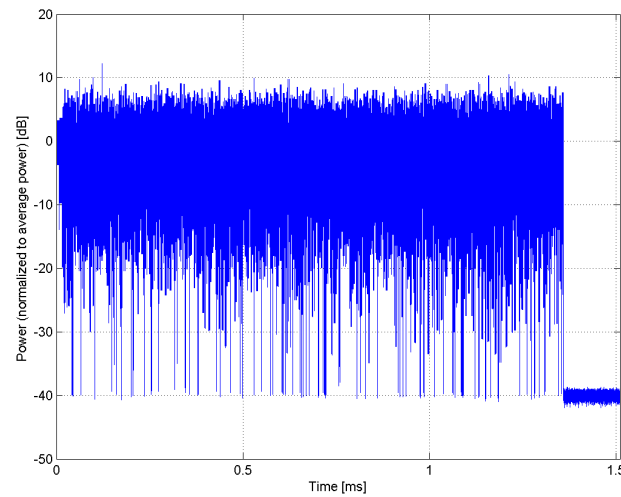
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

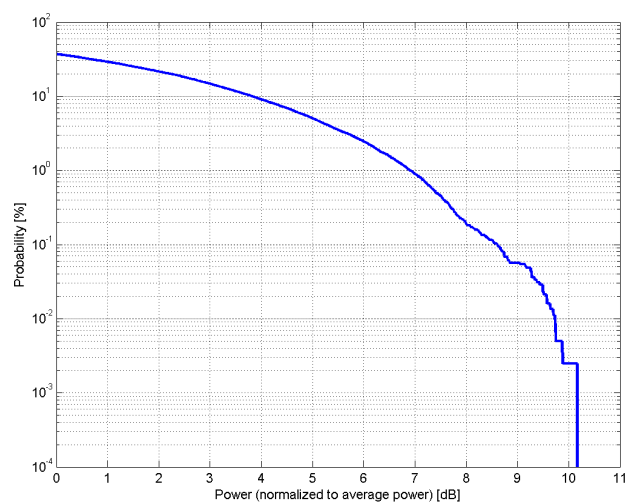
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10576-AAA

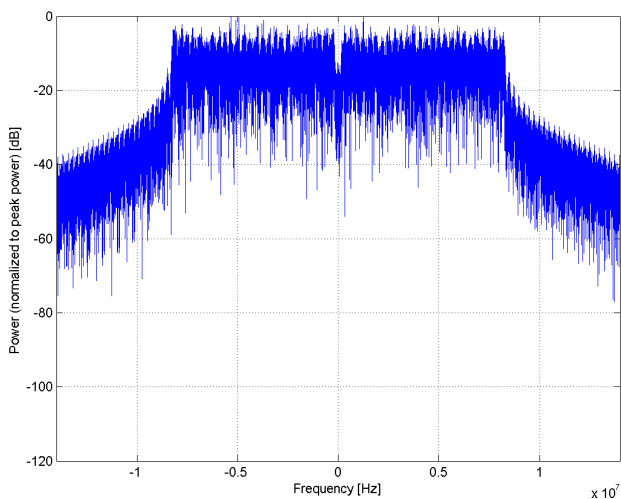
PAR: <sup>1</sup> **8.60 dB**  
MIF: <sup>2</sup> **-6.64 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: BPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 9Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 1.0 ms

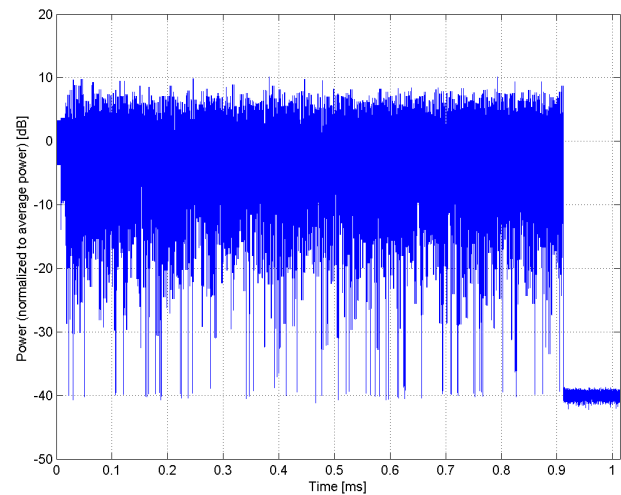
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

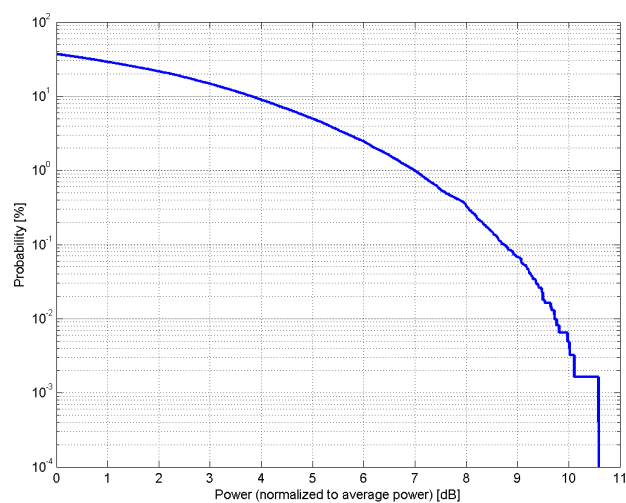
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10577-AAA

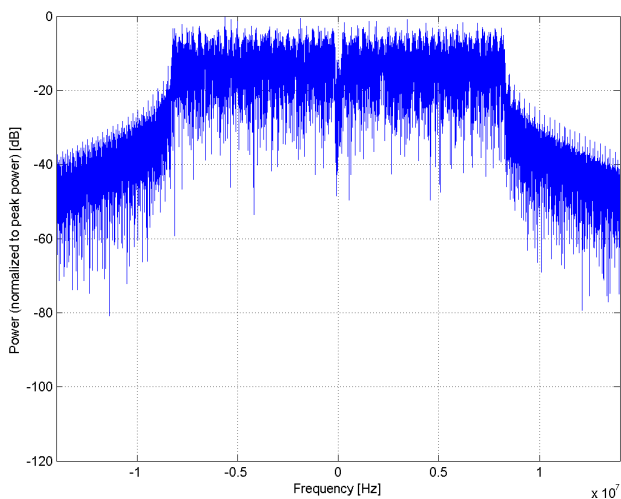
PAR: <sup>1</sup> **8.70 dB**  
MIF: <sup>2</sup> **-7.19 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 12Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.8 ms

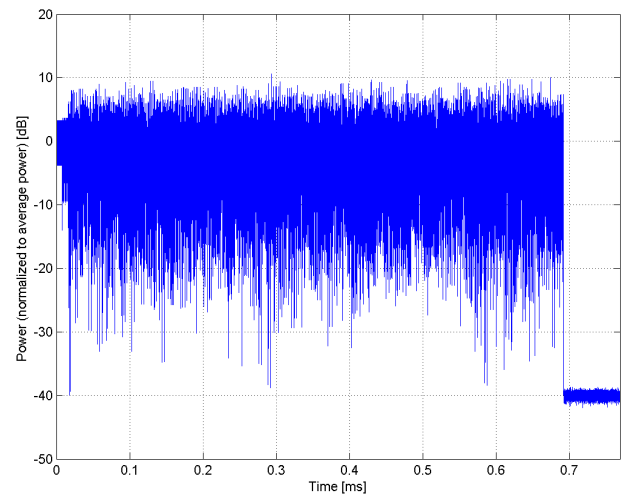
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

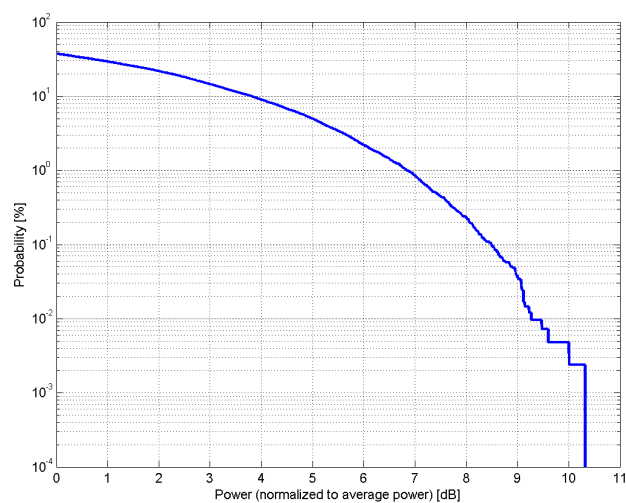
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10578-AAA

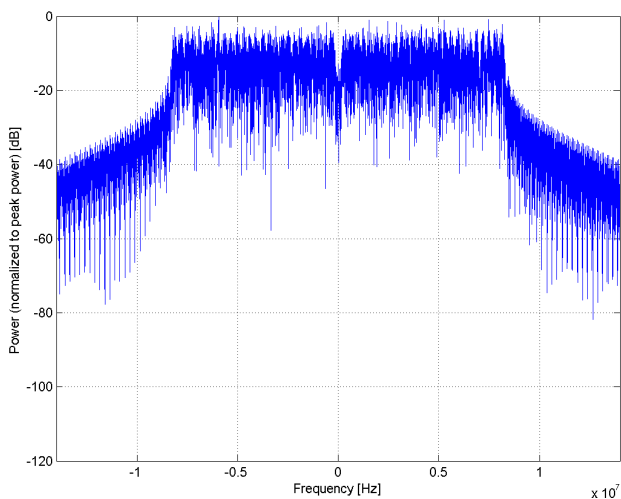
PAR: <sup>1</sup> **8.49 dB**  
MIF: <sup>2</sup> **-8.19 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 18Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.5 ms

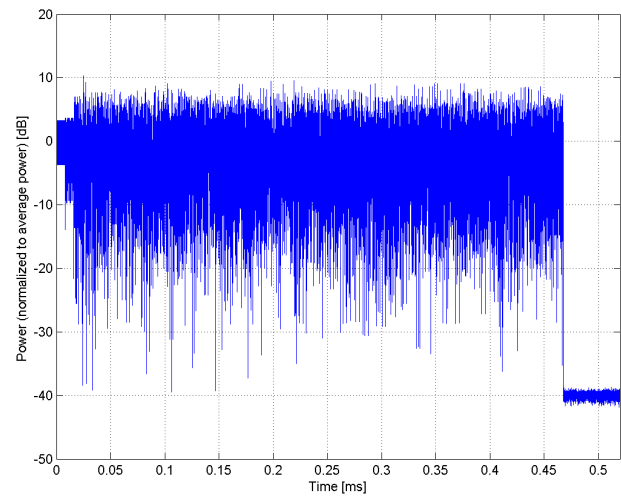
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

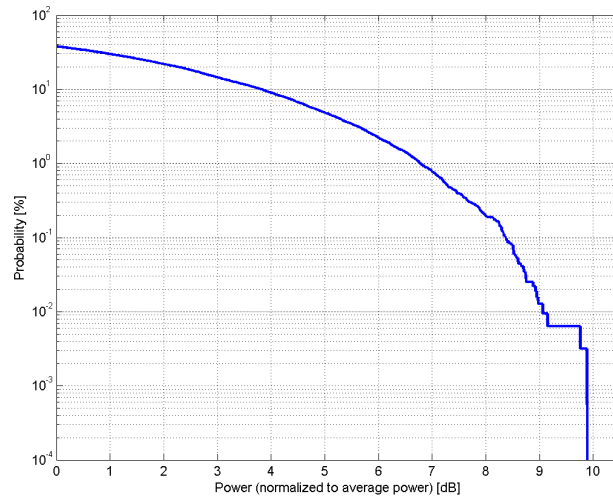
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10579-AAA

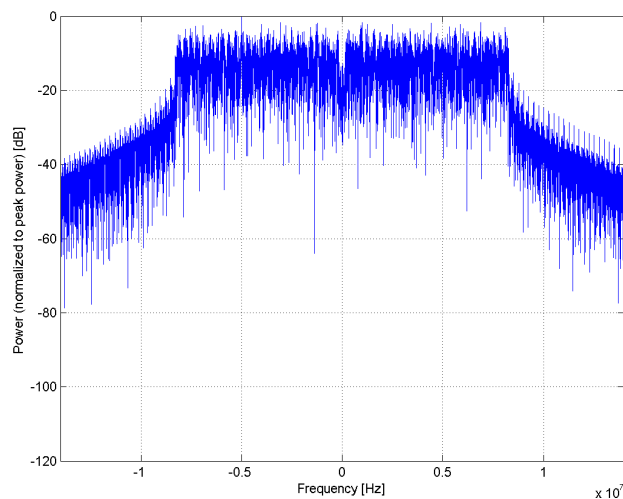
PAR: <sup>1</sup> **8.36 dB**  
MIF: <sup>2</sup> **-9.30 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 16-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 24Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.4 ms

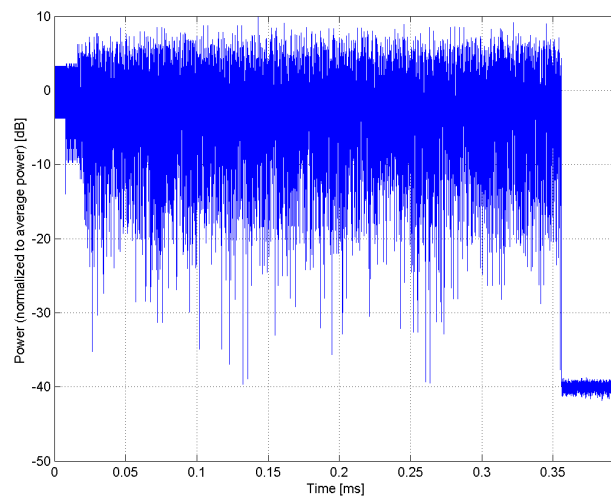
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

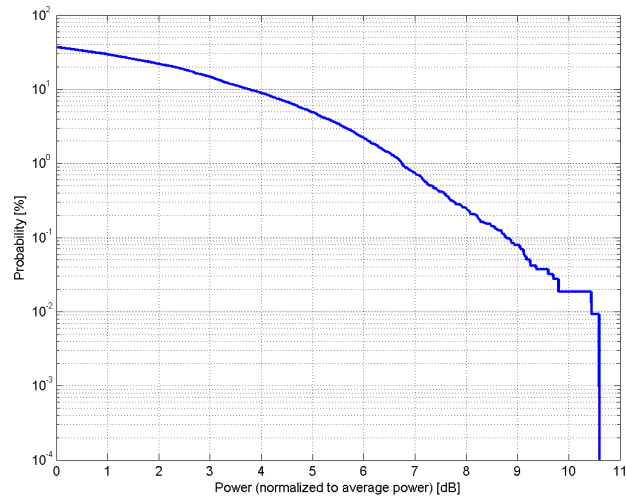
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10580-AAA

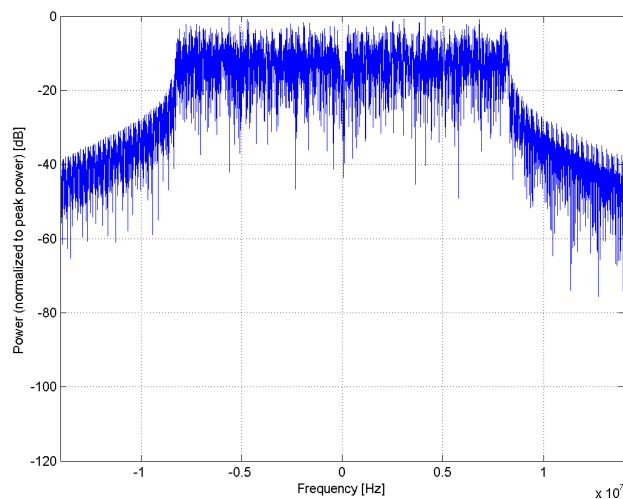
PAR: <sup>1</sup> **8.76 dB**  
MIF: <sup>2</sup> **-11.10 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 16-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 36Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.3 ms

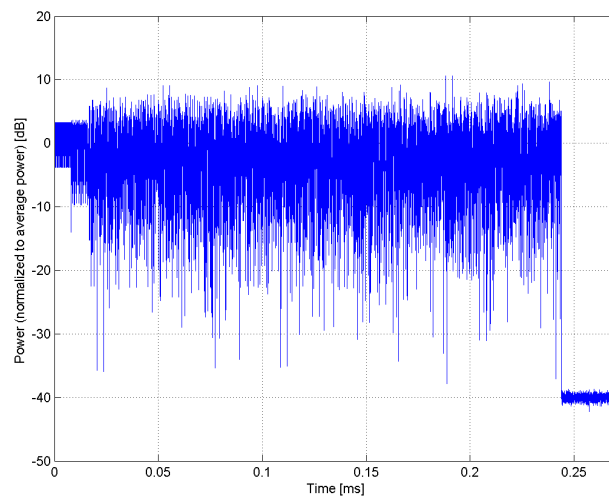
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

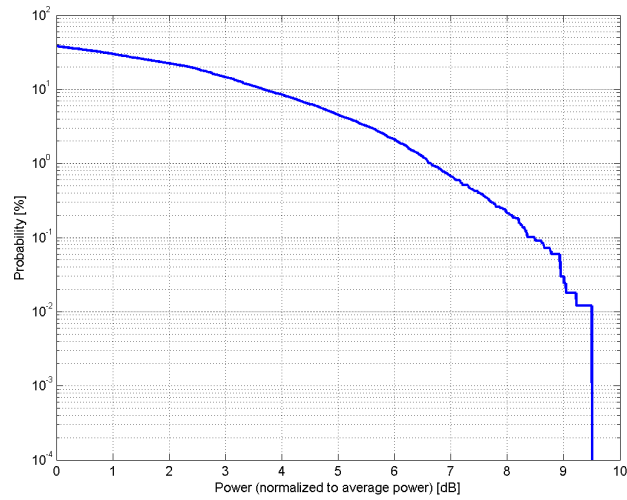
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10581-AAA

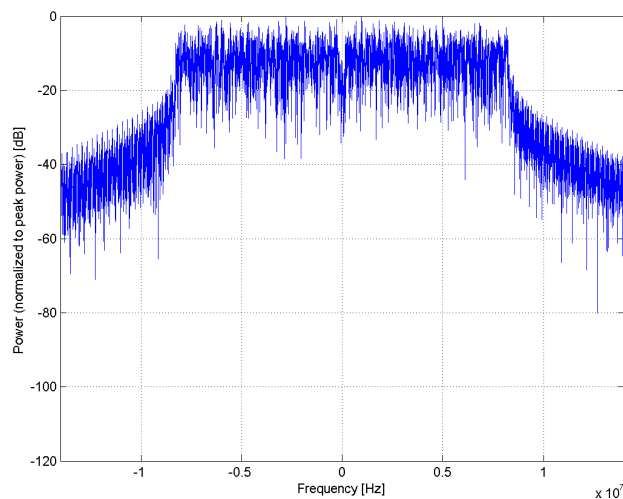
PAR: <sup>1</sup> **8.35 dB**  
MIF: <sup>2</sup> **-12.77 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 48Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.2 ms

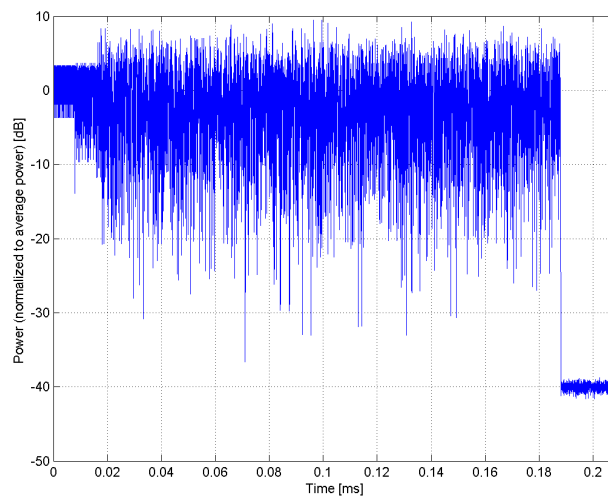
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

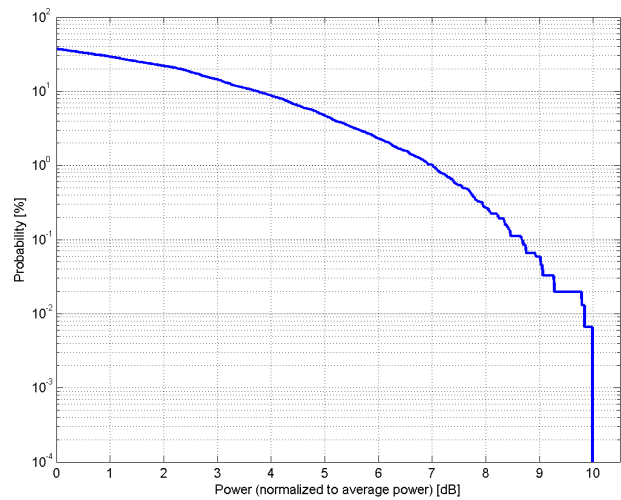
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)**

Group: WLAN  
UID: 10582-AAA

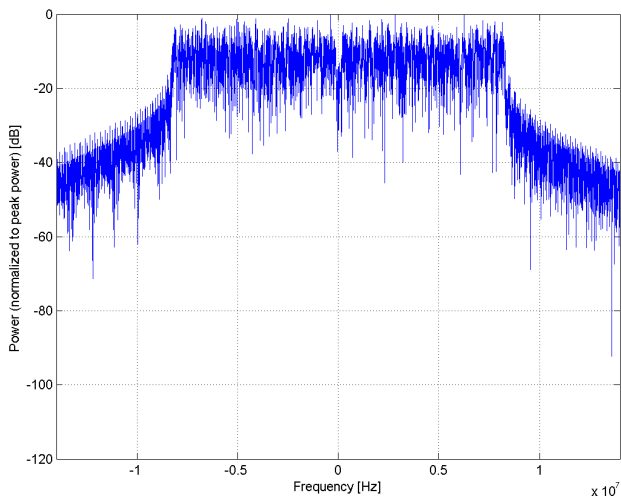
PAR: <sup>1</sup> **8.67 dB**  
MIF: <sup>2</sup> **-13.22 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data Rate: 54Mbps  
Preamble type: long  
Bandwidth: 20.0 MHz  
Integration Time: 0.2 ms

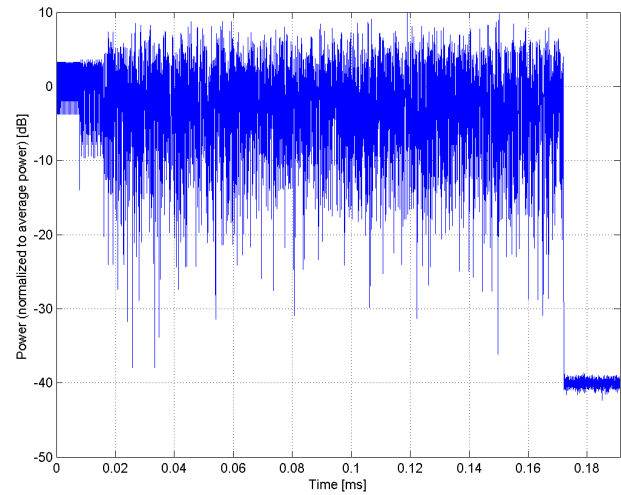
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



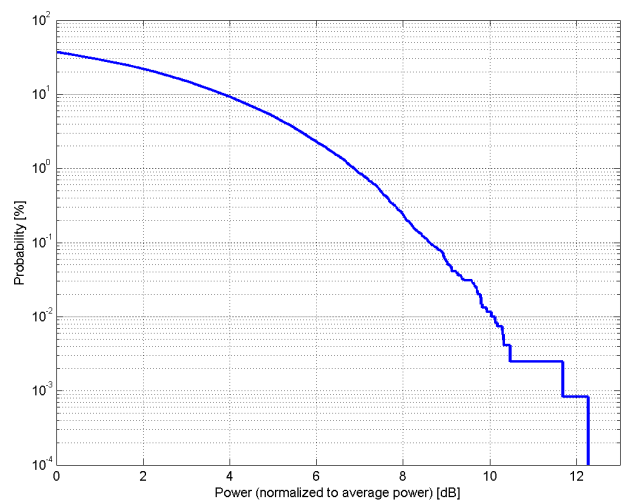
Time Domain

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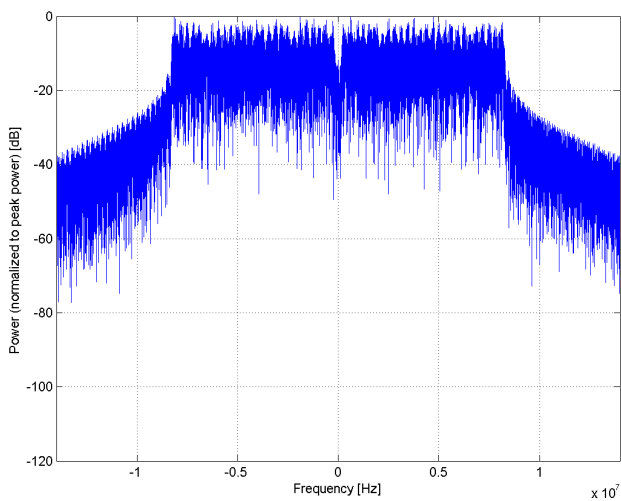
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                     |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10583-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.59 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -6.10 dB                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | BPSK                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 6Mbps                                                                                                                                                                                                                                                                                                                                                                |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 1.5 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)"

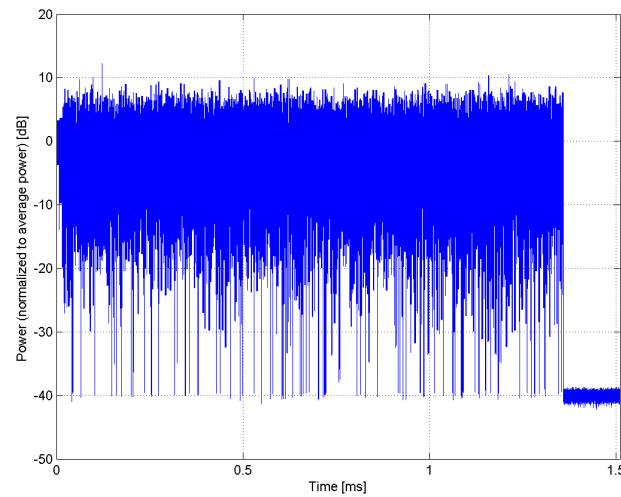
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

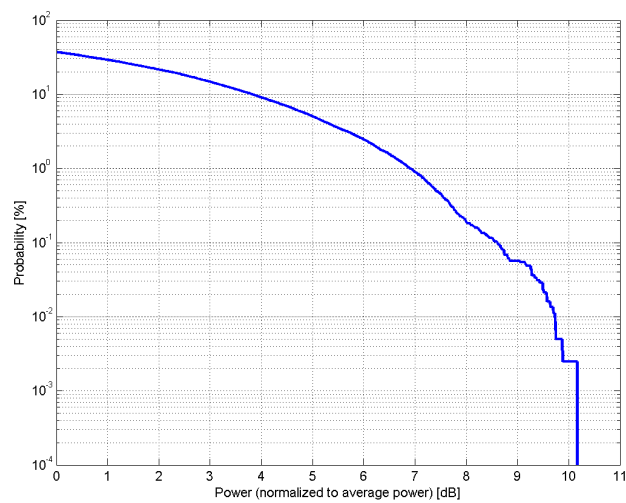


Time Domain

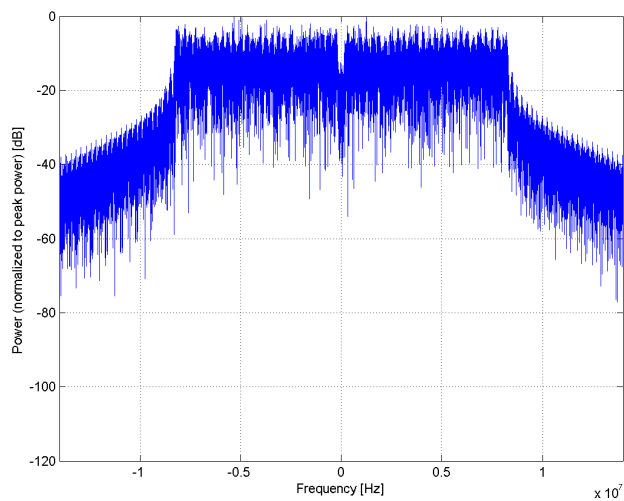
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                     |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10584-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.60 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -6.64 dB                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | BPSK                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 9Mbps                                                                                                                                                                                                                                                                                                                                                                |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 1.0 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

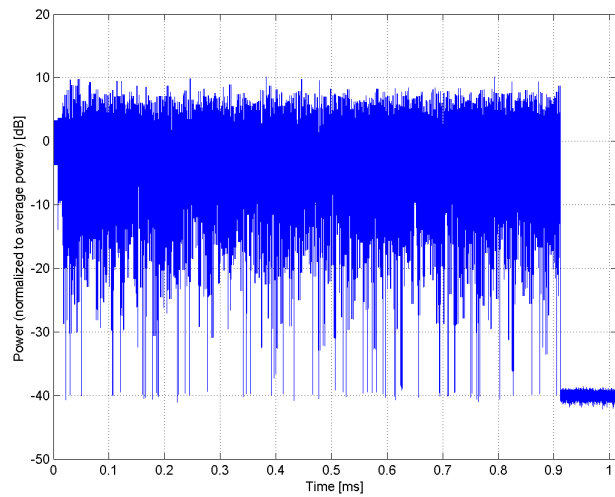
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

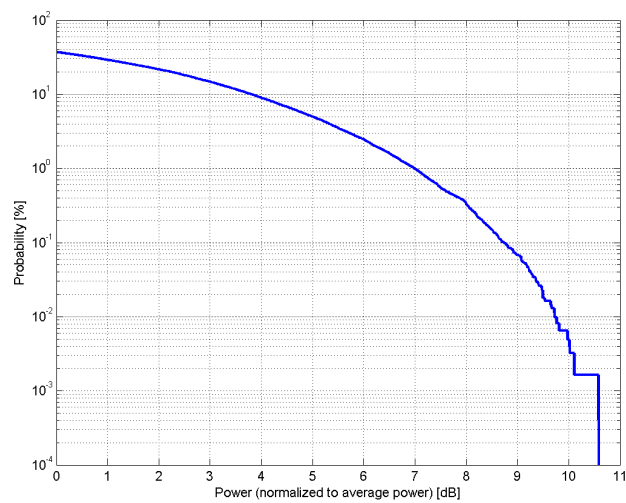


Time Domain

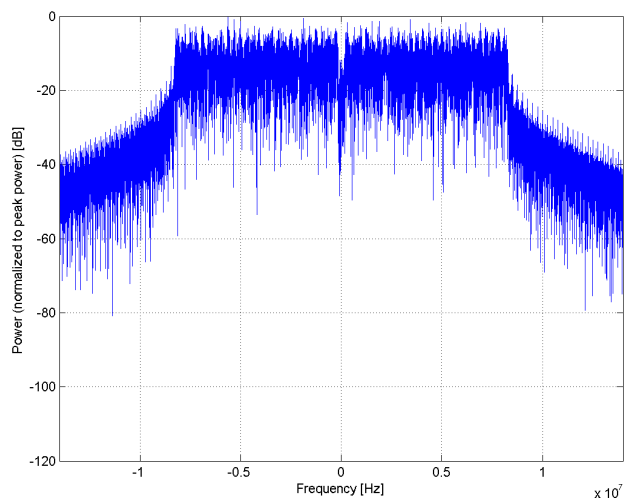
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10585-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.70 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -7.19 dB                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 12Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.8 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

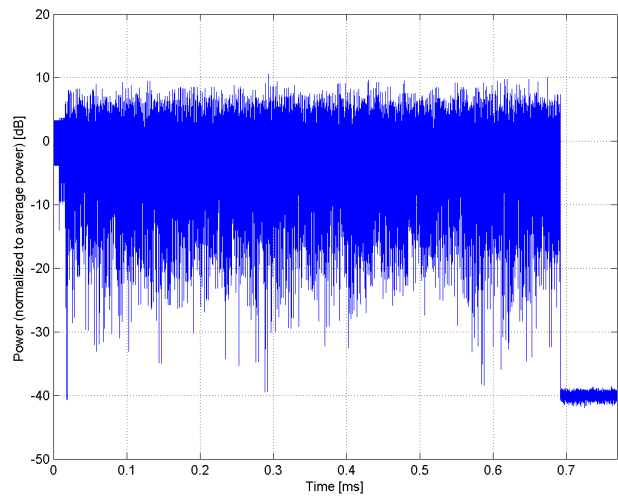
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

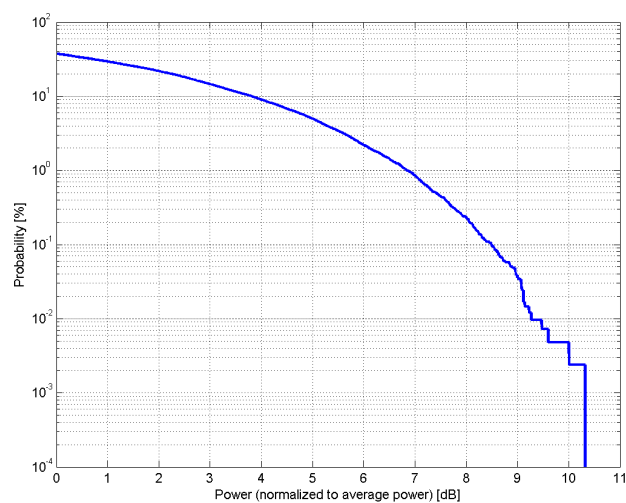


Time Domain

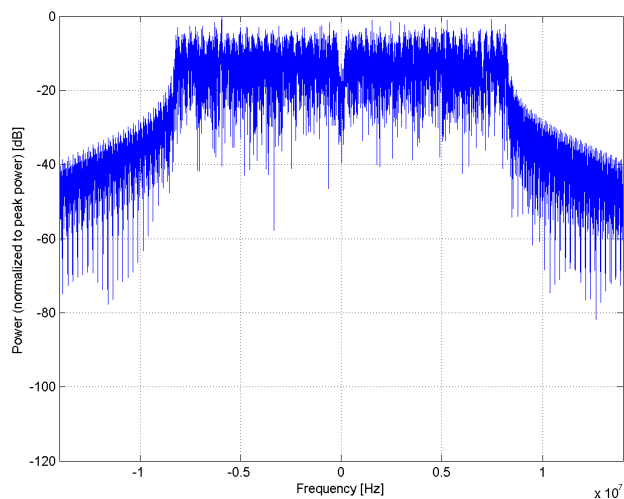
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10586-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.49 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -8.19 dB                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 18Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.5 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

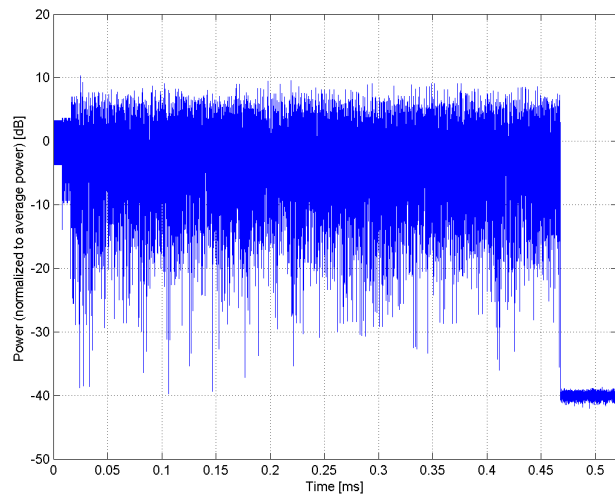
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

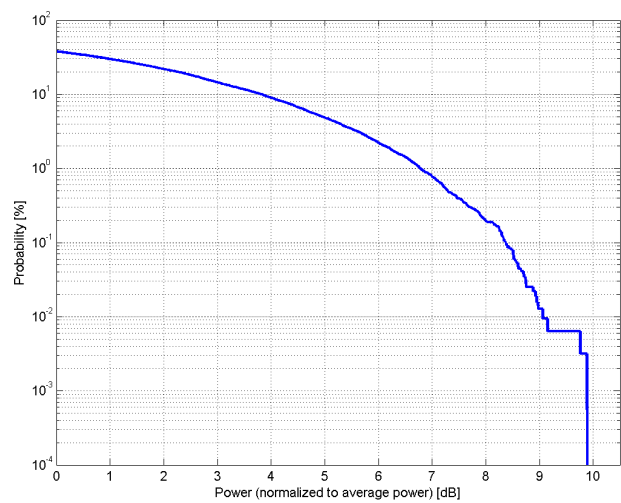


Time Domain

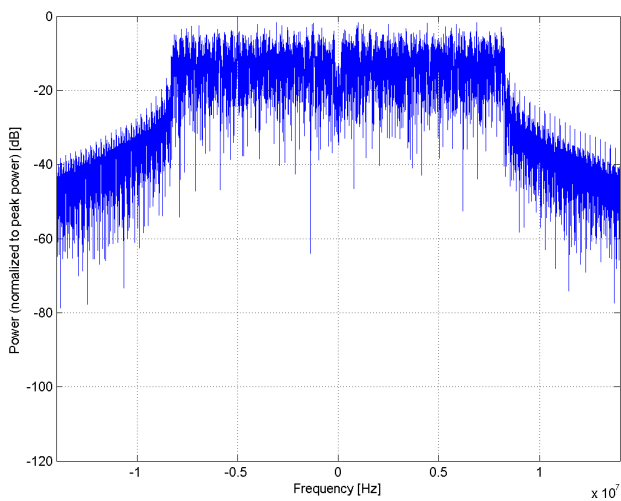
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Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10587-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.36 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -9.30 dB                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | 16-QAM                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 24Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.4 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

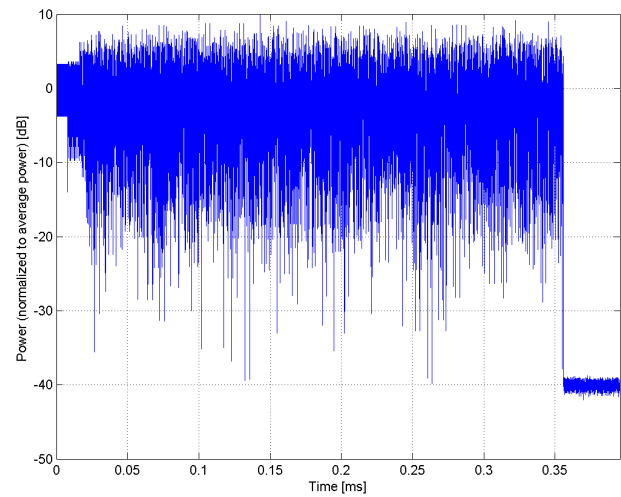
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

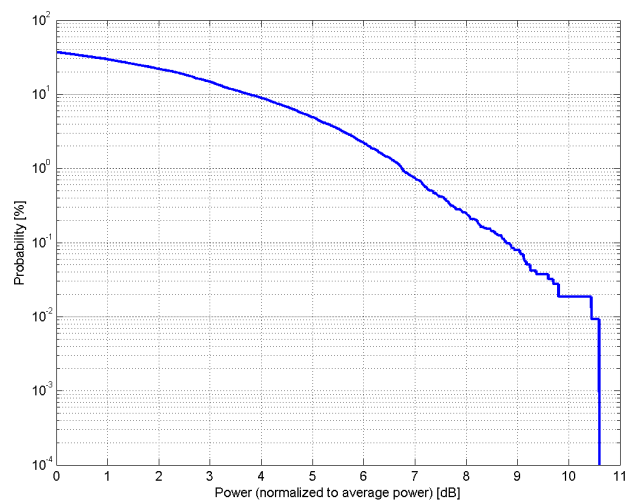


Time Domain

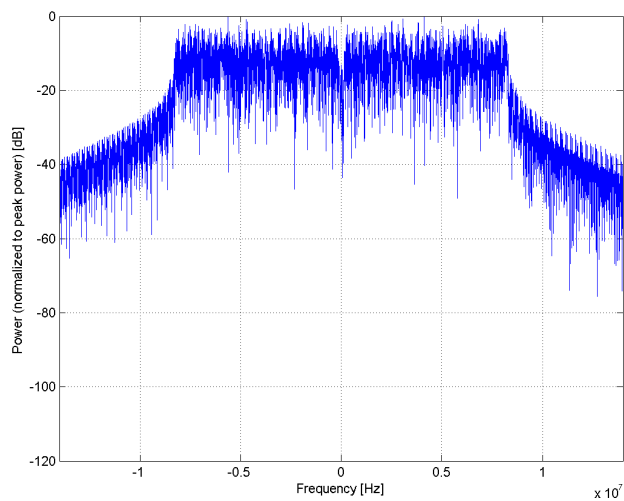
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Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10588-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.76 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -11.10 dB                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | 16-QAM                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 36Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.3 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

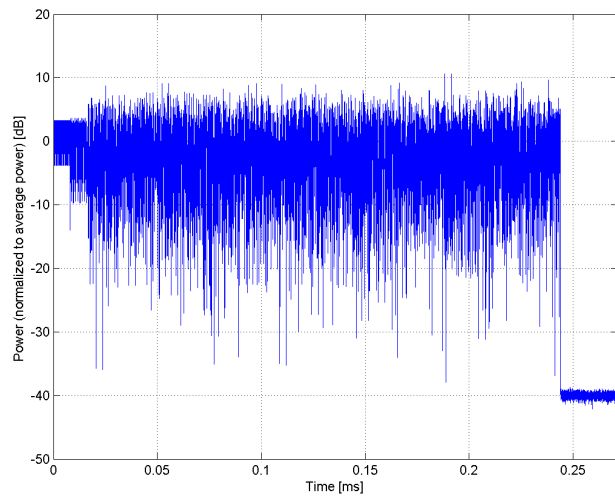
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

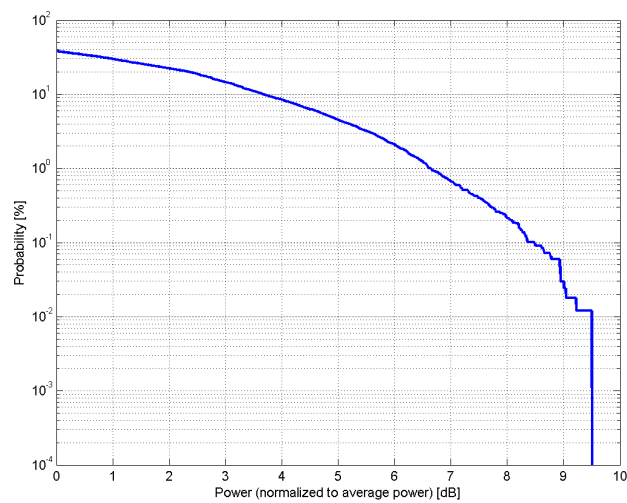


Time Domain

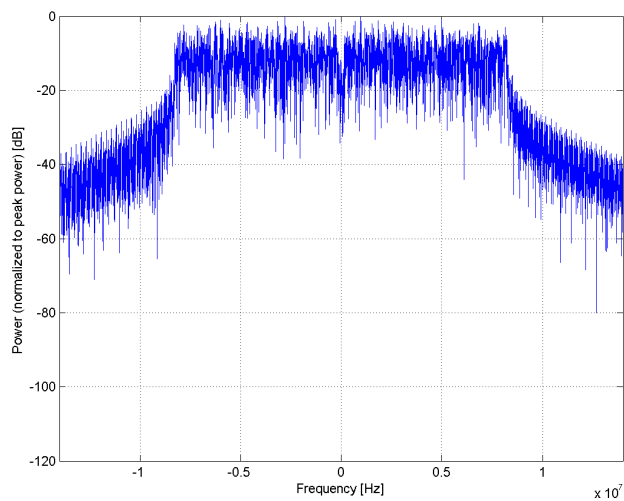
**Calibration Laboratory of  
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Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10589-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.35 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -12.77 dB                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | 64-QAM                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 48Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.2 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

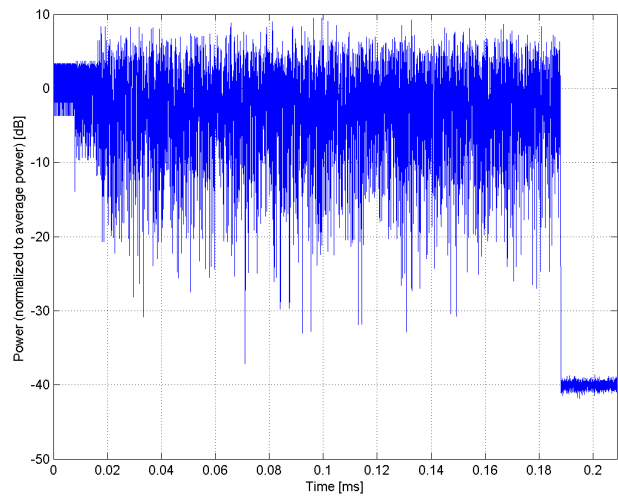
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

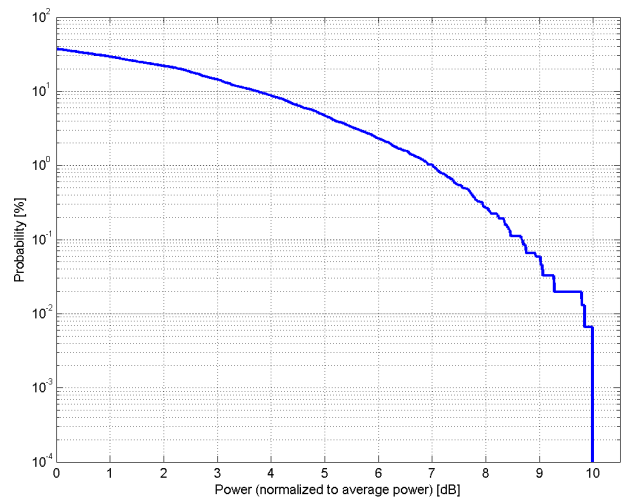


Time Domain

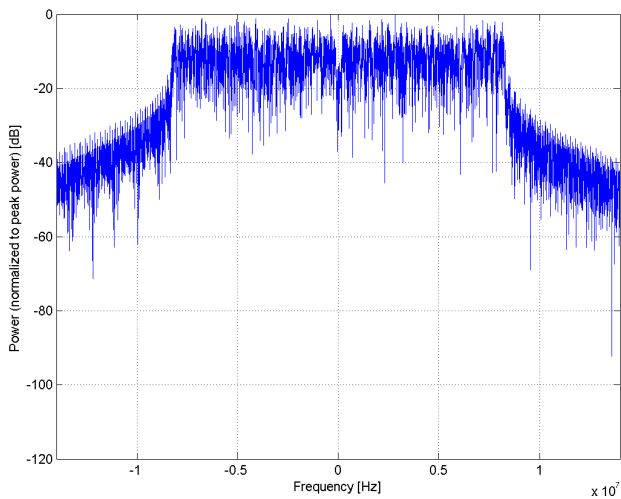
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Engineering AG**  
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                    |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UID:                    | 10590-AAD                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PAR: <sup>1</sup>       | 8.67 dB                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MIF: <sup>2</sup>       | -13.22 dB                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Standard Reference:     | IEEE 802.11-2012<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                            |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:             | 64-QAM                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequency Band:         | 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90%<br>PSDU length: 1000 bytes<br>Data Rate: 54Mbps                                                                                                                                                                                                                                                                                                                                                               |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Integration Time:       | 0.2 ms                                                                                                                                                                                                                                                                                                                                                                                                                        |

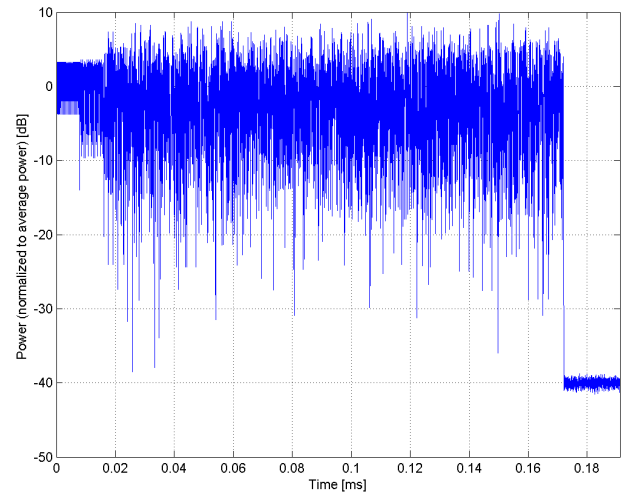
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
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Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)

Group: WLAN  
UID: 10591-AAD

PAR: <sup>1</sup> 8.63 dB  
MIF: <sup>2</sup> -5.59 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: BPSK

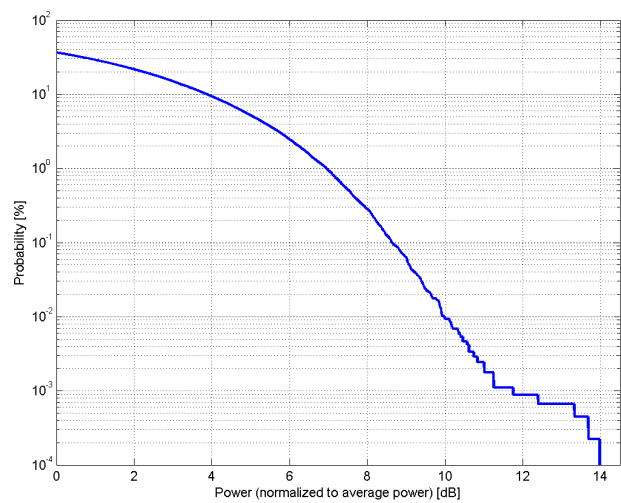
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 0  
Guard interval: long

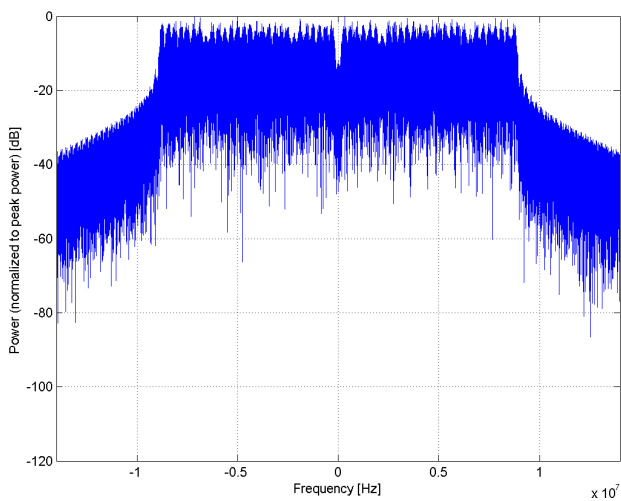
Bandwidth: 20.0 MHz  
Integration Time: 5.6 ms

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

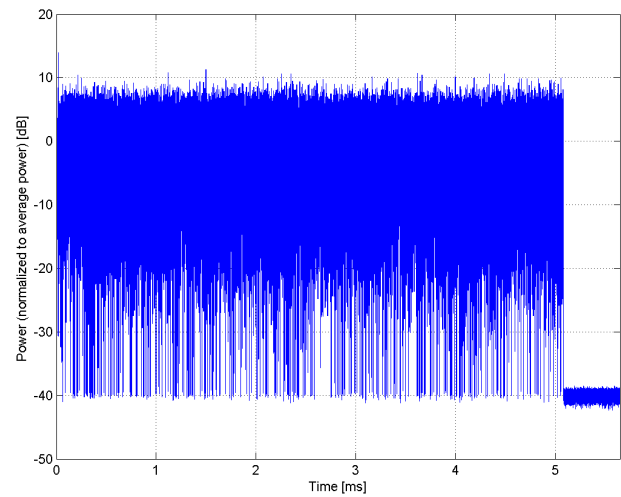
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)**

Group: WLAN  
UID: 10592-AAD

PAR: <sup>1</sup> **8.79 dB**  
MIF: <sup>2</sup> **-5.61 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: QPSK

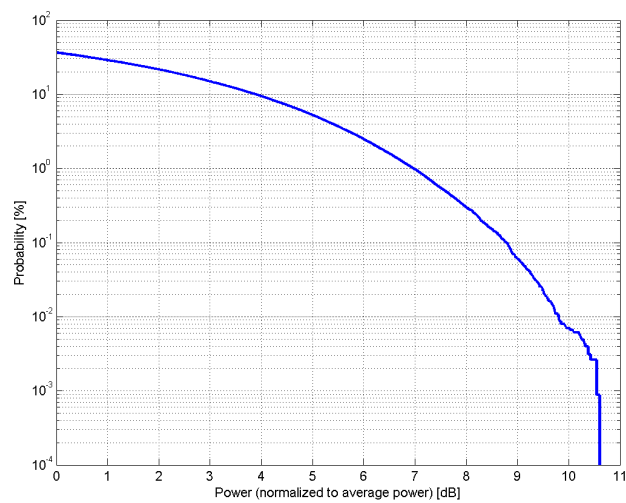
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 1  
Guard interval: long

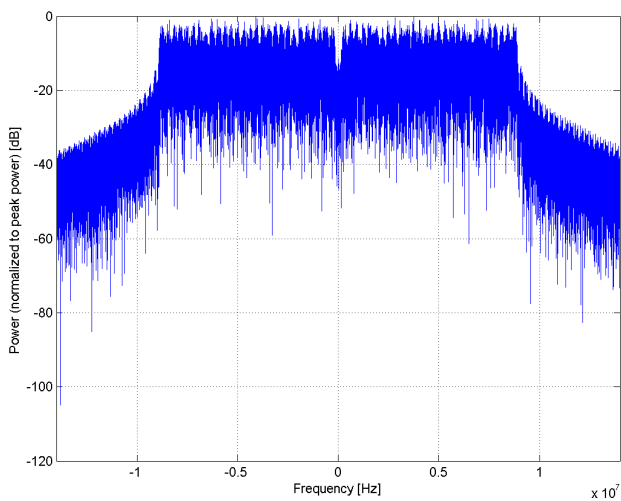
Bandwidth: 20.0 MHz  
Integration Time: 2.8 ms

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

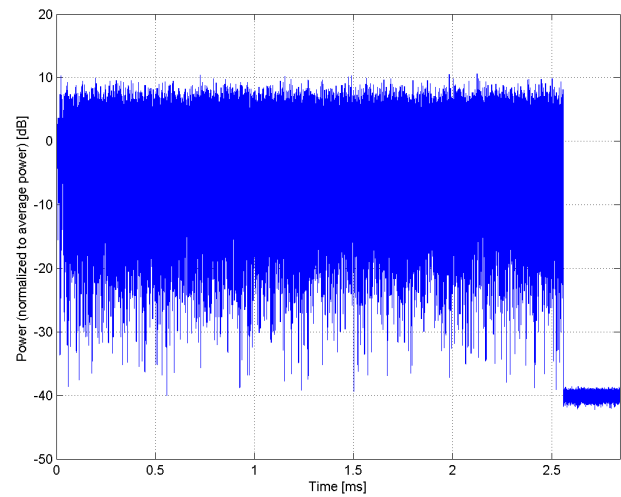
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)**

Group: WLAN  
UID: 10593-AAD

PAR: <sup>1</sup> **8.64 dB**  
MIF: <sup>2</sup> **-5.84 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: QPSK

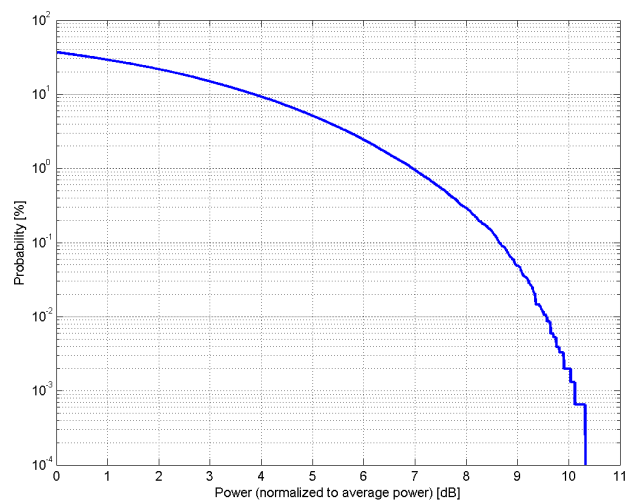
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 2  
Guard interval: long

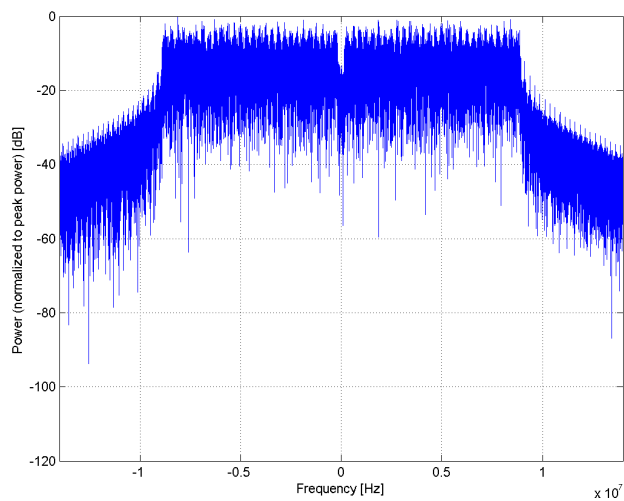
Bandwidth: 20.0 MHz  
Integration Time: 1.9 ms

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

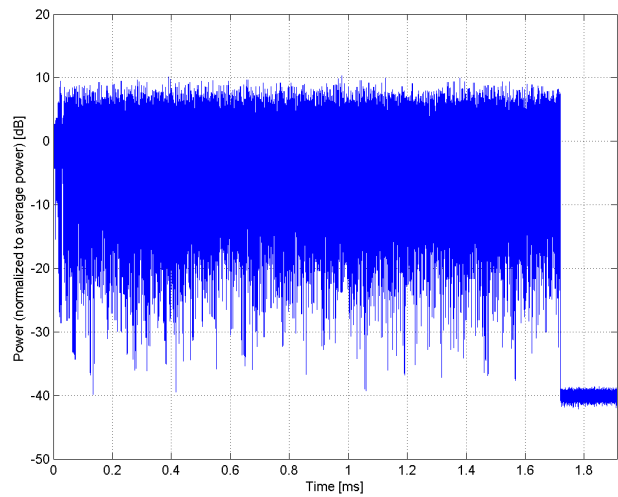
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)**

Group: WLAN  
UID: 10594-AAD

PAR: <sup>1</sup> **8.74 dB**  
MIF: <sup>2</sup> **-6.17 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 16-QAM

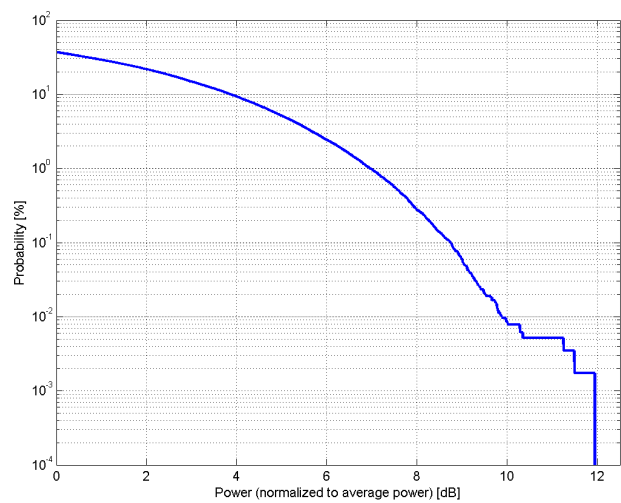
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 3  
Guard interval: long

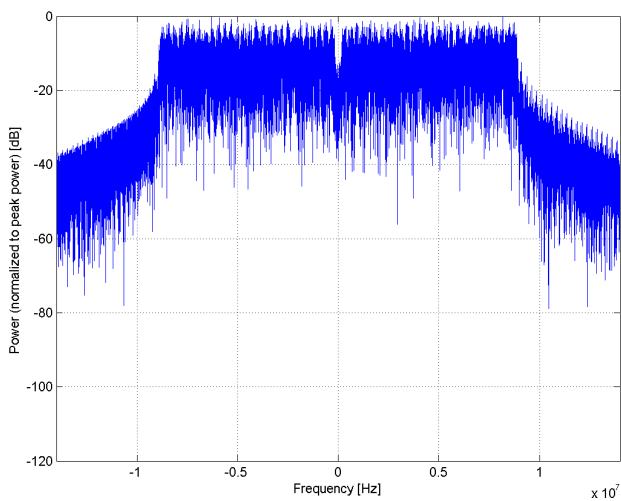
Bandwidth: 20.0 MHz  
Integration Time: 1.4 ms

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

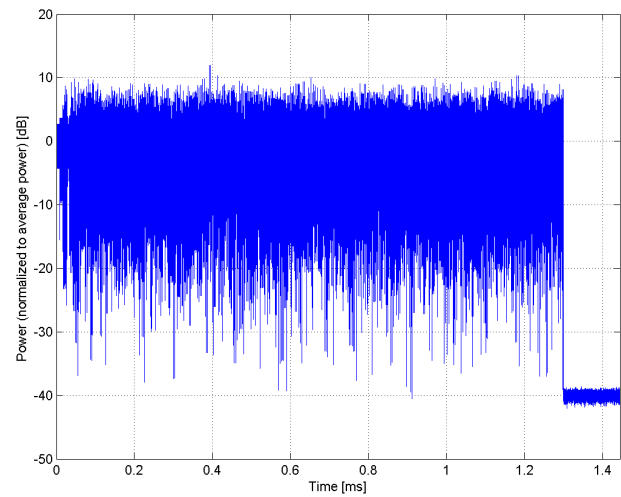
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)

Group: WLAN  
UID: 10595-AAD

PAR: <sup>1</sup> 8.74 dB  
MIF: <sup>2</sup> -6.72 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 16-QAM

Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

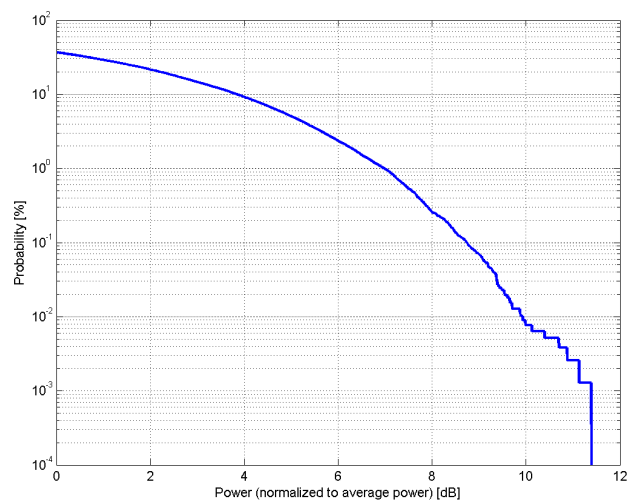
Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 4  
Guard interval: long

Bandwidth: 20.0 MHz

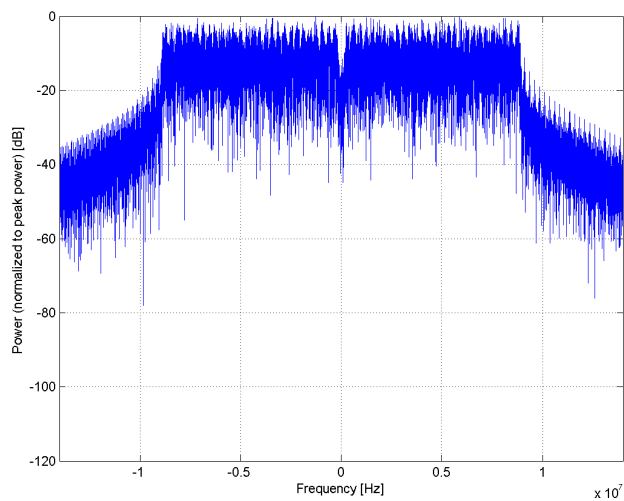
Integration Time: 1.0 ms

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

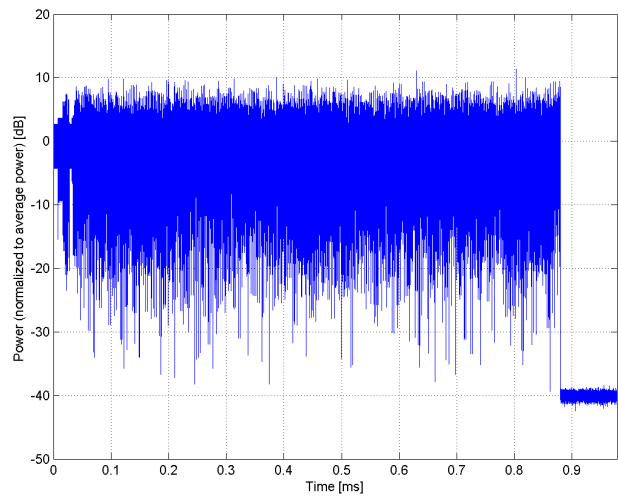
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)**

Group: WLAN  
UID: 10596-AAD

PAR: <sup>1</sup> **8.71 dB**  
MIF: <sup>2</sup> **-7.25 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

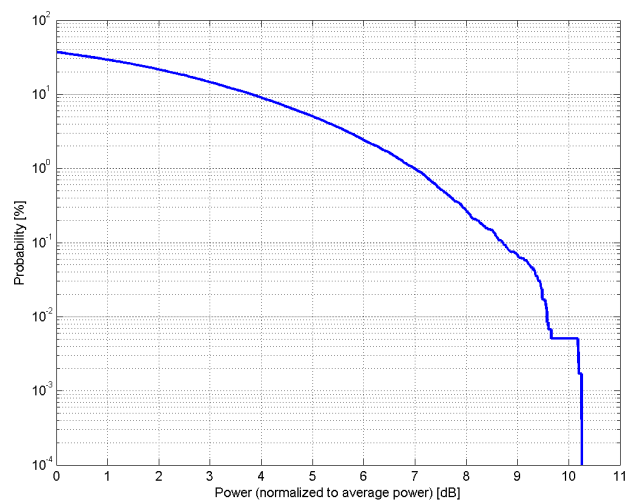
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 5  
Guard interval: long

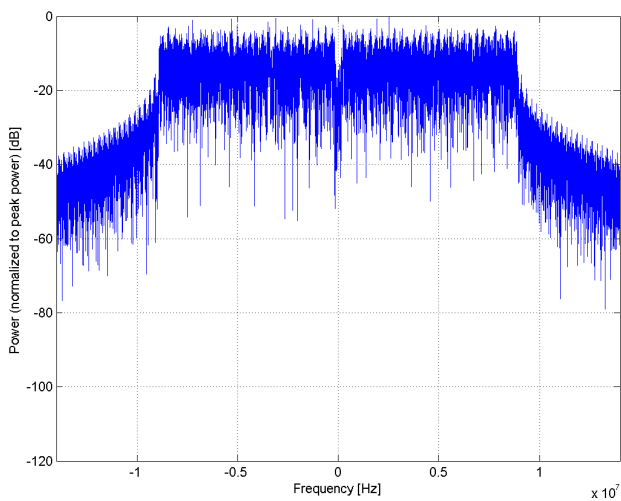
Bandwidth: 20.0 MHz  
Integration Time: 0.7 ms

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

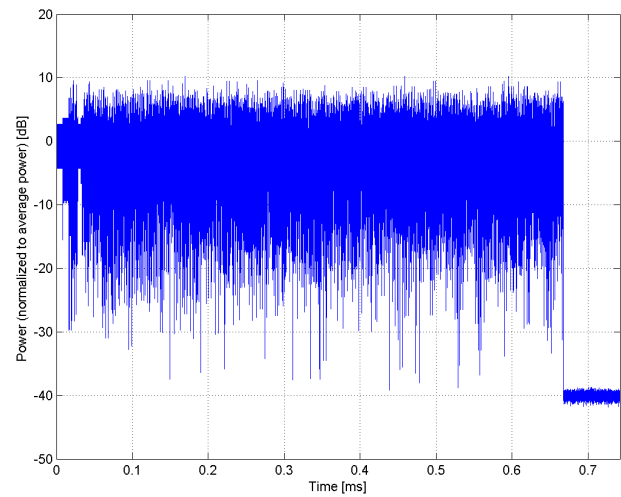
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)

Group: WLAN  
UID: 10597-AAD

PAR: <sup>1</sup> 8.72 dB  
MIF: <sup>2</sup> -7.54 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

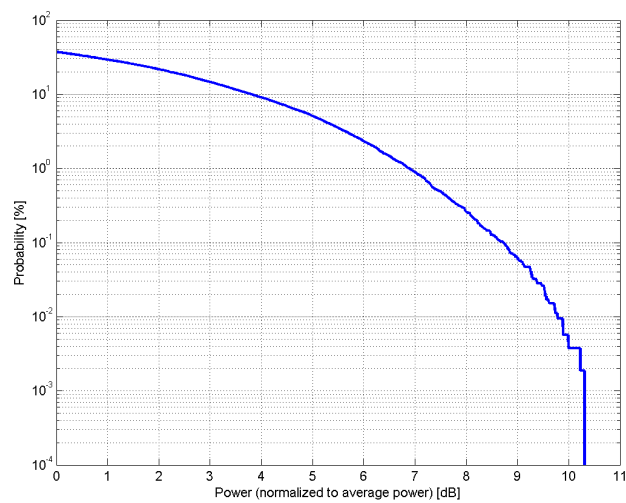
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 6  
Guard interval: long

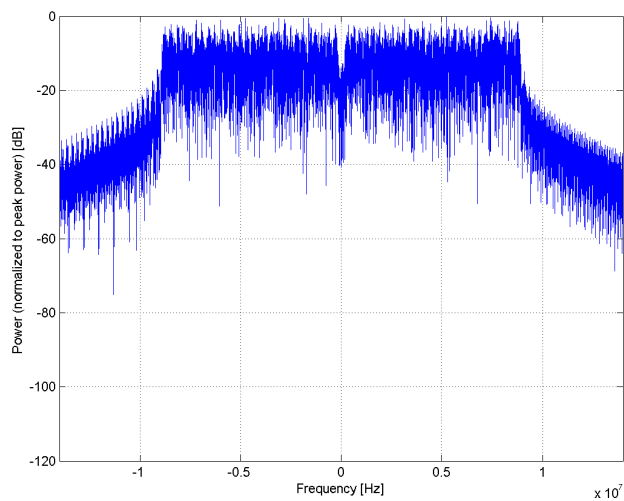
Bandwidth: 20.0 MHz  
Integration Time: 0.7 ms

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

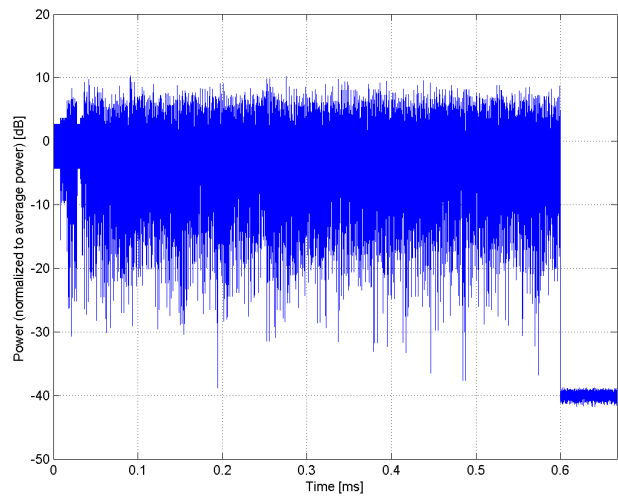
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)**

Group: WLAN  
UID: 10598-AAD

PAR: <sup>1</sup> **8.50 dB**  
MIF: <sup>2</sup> **-7.86 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

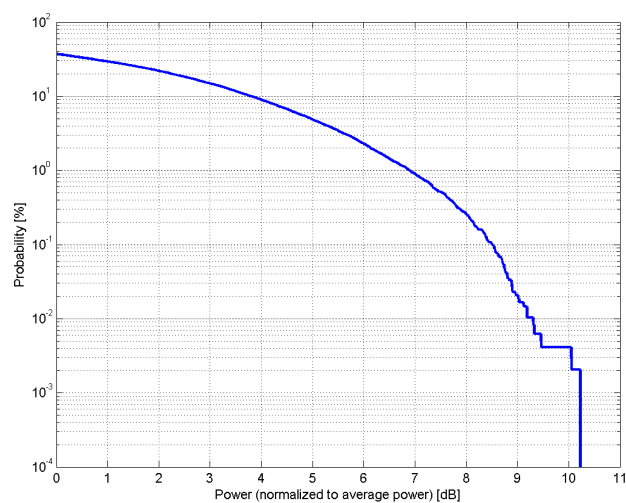
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 7  
Guard interval: long

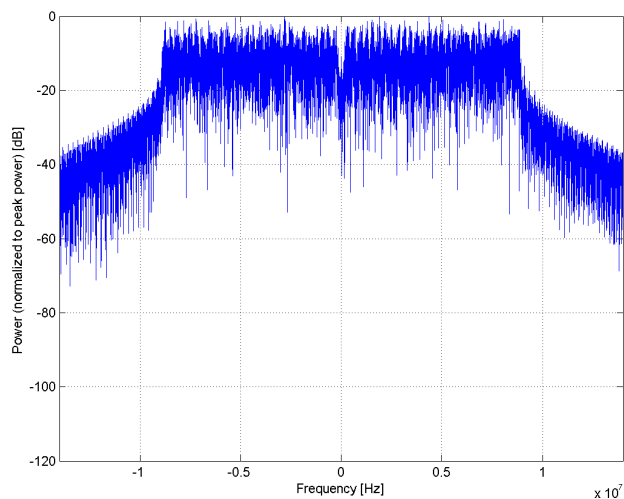
Bandwidth: 20.0 MHz  
Integration Time: 0.6 ms

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

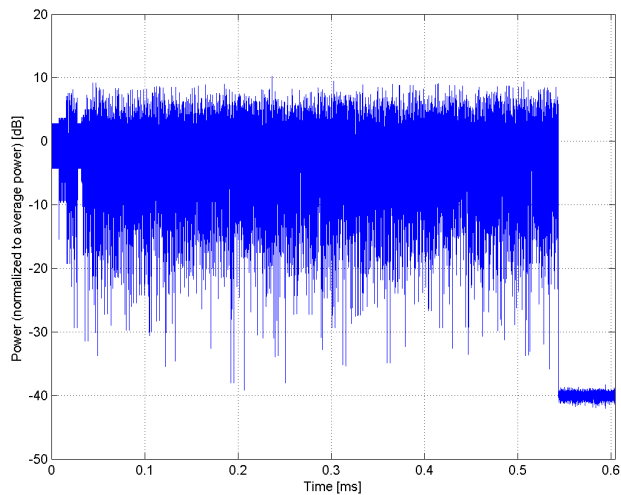
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)

Group: WLAN  
UID: 10599-AAD

PAR: <sup>1</sup> 8.79 dB  
MIF: <sup>2</sup> -5.59 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: BPSK

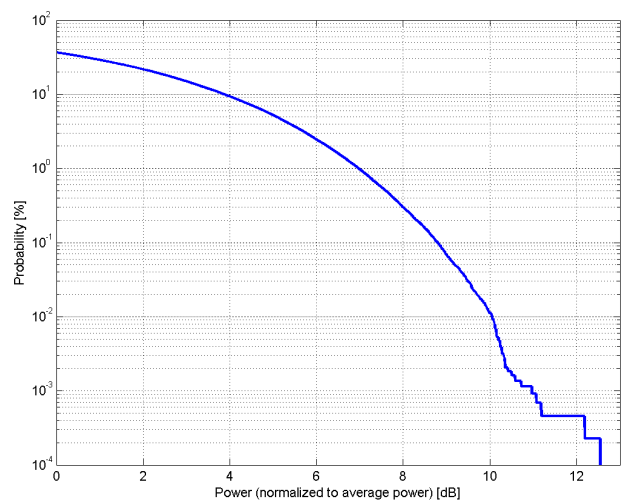
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 0  
Guard interval: long

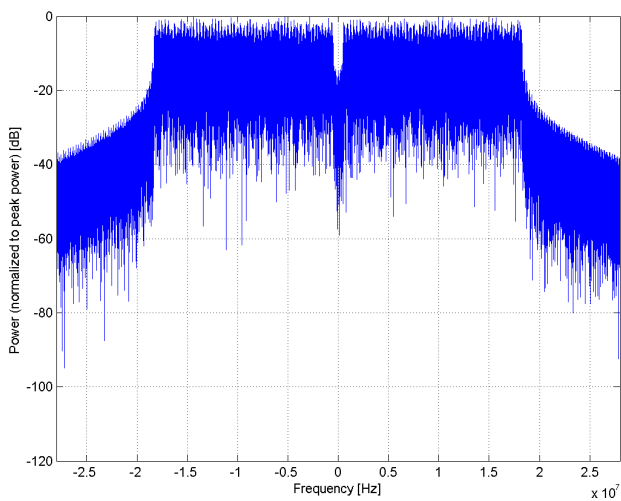
Bandwidth: 40.0 MHz  
Integration Time: 2.7 ms

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

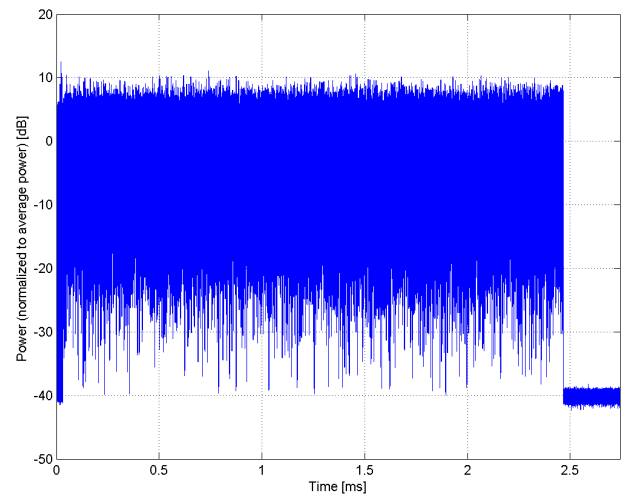
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)**

Group: WLAN  
UID: 10600-AAD

PAR: <sup>1</sup> **8.88 dB**  
MIF: <sup>2</sup> **-6.06 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: QPSK

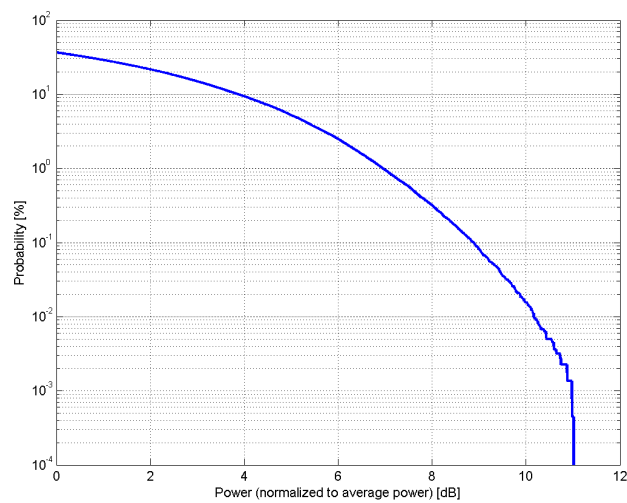
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 1  
Guard interval: long

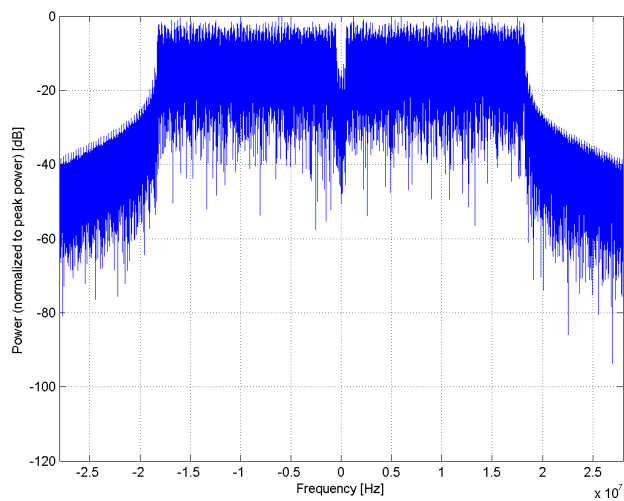
Bandwidth: 40.0 MHz  
Integration Time: 1.4 ms

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

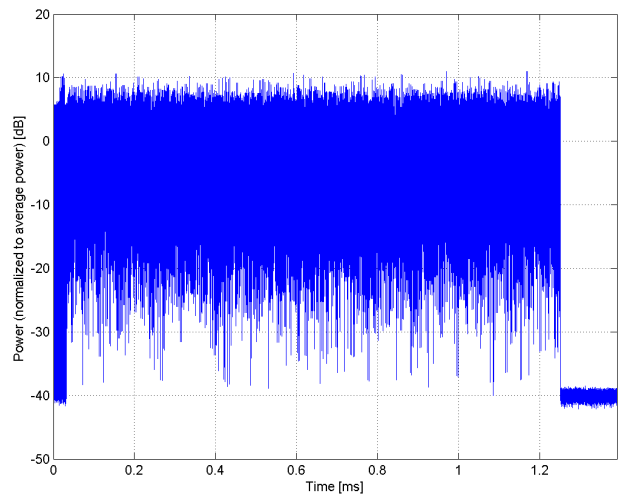
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)

Group: WLAN  
UID: 10601-AAD

PAR: <sup>1</sup> 8.82 dB  
MIF: <sup>2</sup> -6.59 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: QPSK

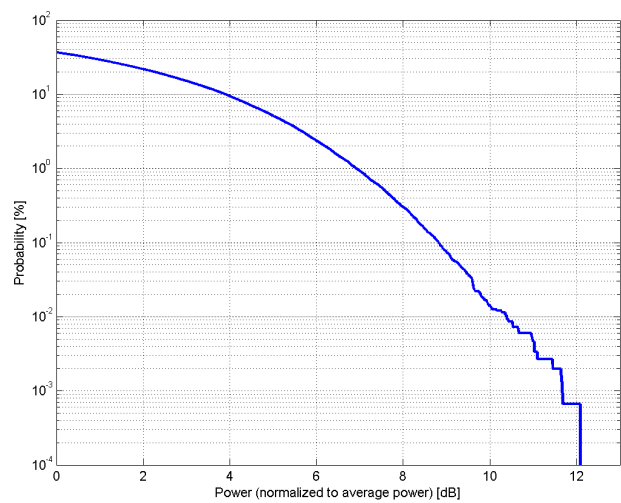
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 2  
Guard interval: long

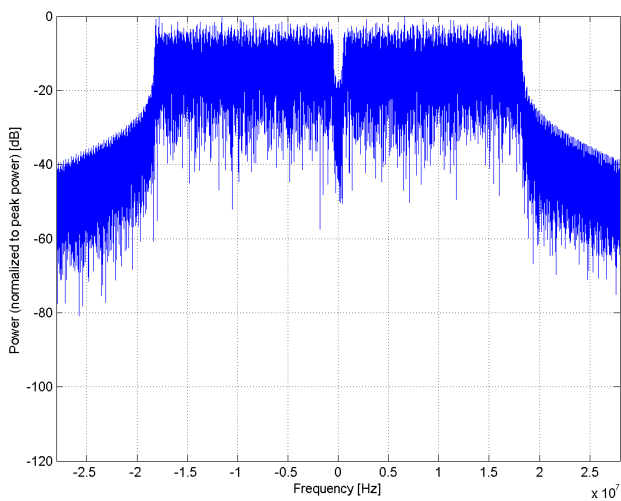
Bandwidth: 40.0 MHz  
Integration Time: 0.9 ms

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

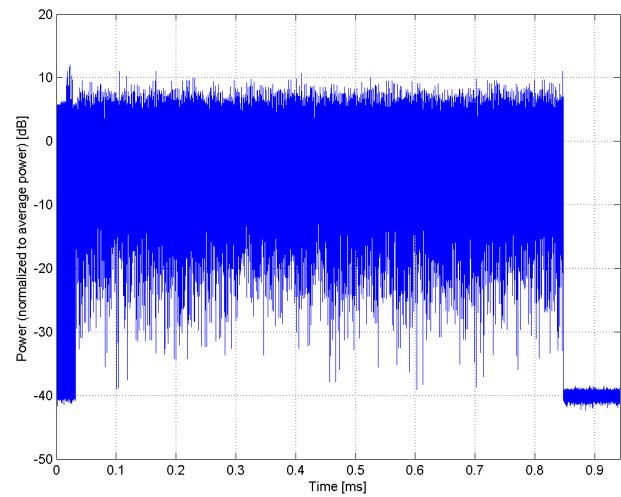
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)

Group: WLAN  
UID: 10602-AAD

PAR: <sup>1</sup> 8.94 dB  
MIF: <sup>2</sup> -7.17 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 16-QAM

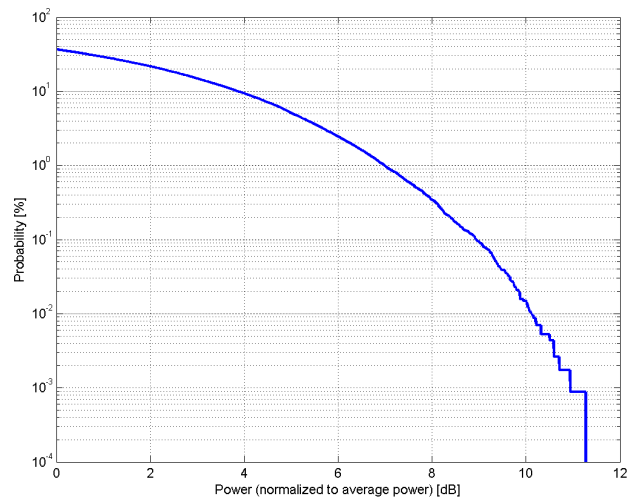
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 3  
Guard interval: long

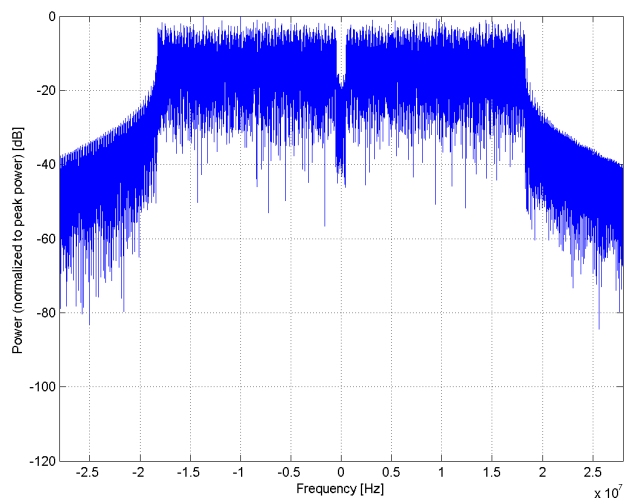
Bandwidth: 40.0 MHz  
Integration Time: 0.7 ms

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

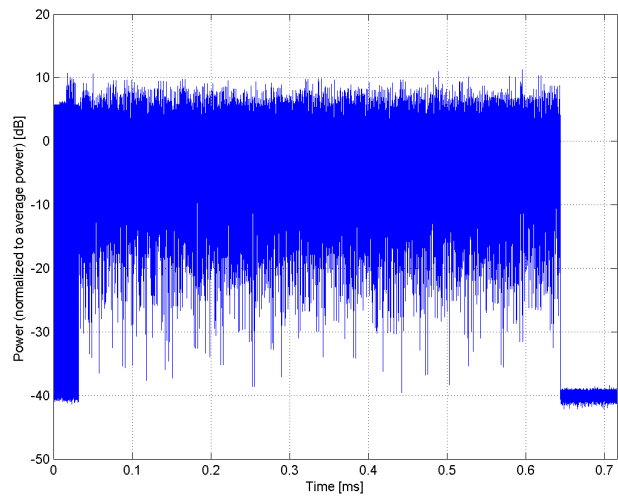
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)**

Group: WLAN  
UID: 10603-AAD

PAR: <sup>1</sup> **9.03 dB**  
MIF: <sup>2</sup> **-8.03 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 16-QAM

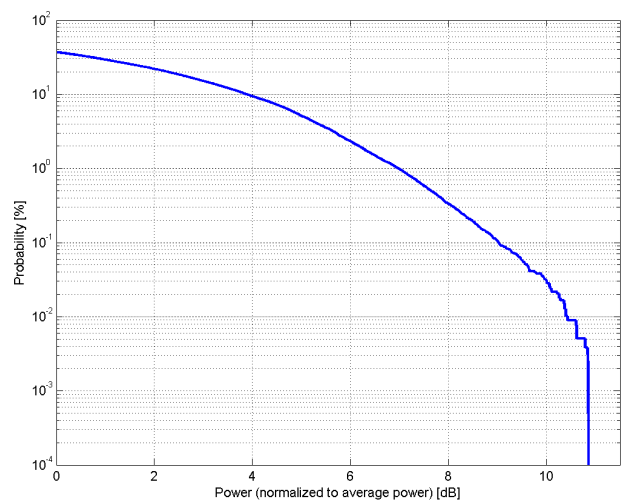
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 4  
Guard interval: long

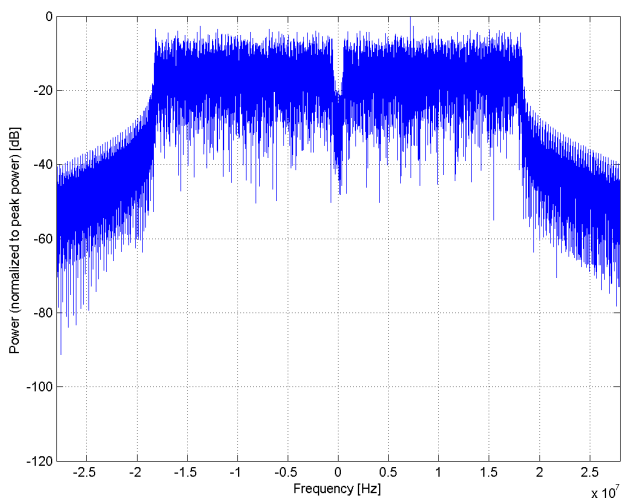
Bandwidth: 40.0 MHz  
Integration Time: 0.5 ms

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

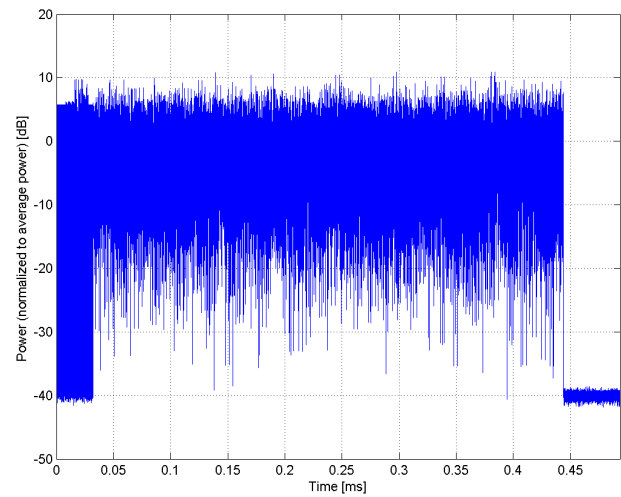
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)

Group: WLAN  
UID: 10604-AAD

PAR: <sup>1</sup> 8.76 dB  
MIF: <sup>2</sup> -8.65 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

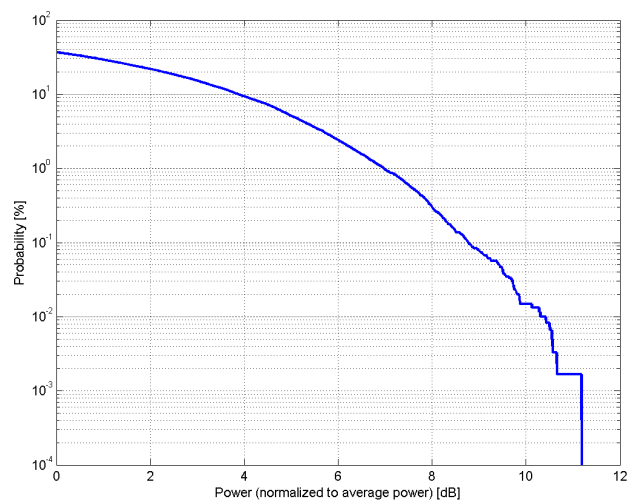
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 5  
Guard interval: long

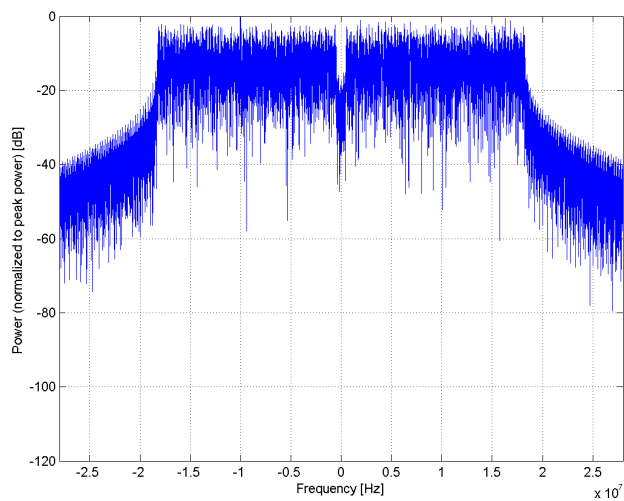
Bandwidth: 40.0 MHz  
Integration Time: 0.4 ms

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

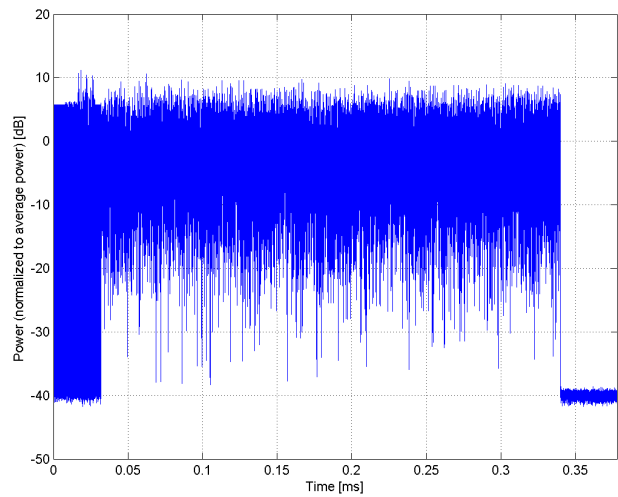
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: **IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)**

Group: WLAN  
UID: 10605-AAD

PAR: <sup>1</sup> **8.97 dB**  
MIF: <sup>2</sup> **-9.23 dB**

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

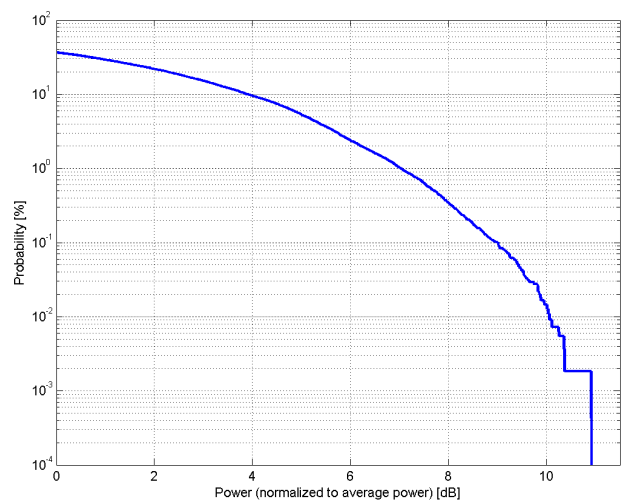
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 6  
Guard interval: long

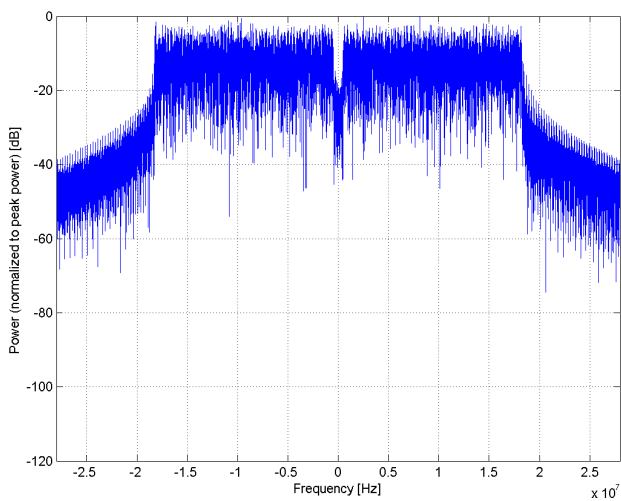
Bandwidth: 40.0 MHz  
Integration Time: 0.3 ms

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

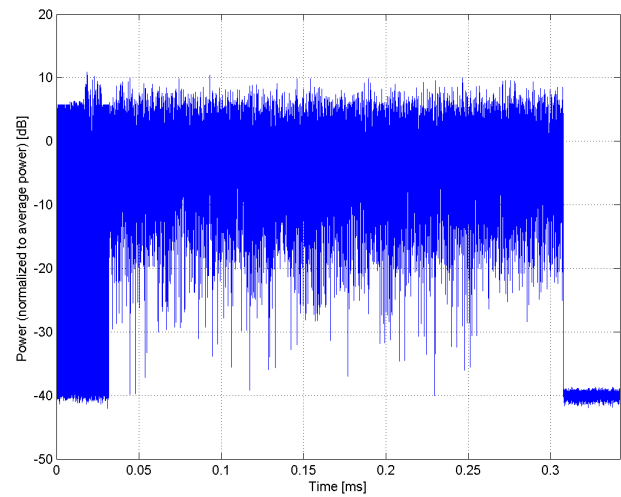
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name: IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)

Group: WLAN  
UID: 10606-AAD

PAR: <sup>1</sup> 8.82 dB  
MIF: <sup>2</sup> -9.43 dB

Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01

Category: Random amplitude modulation

Modulation: 64-QAM

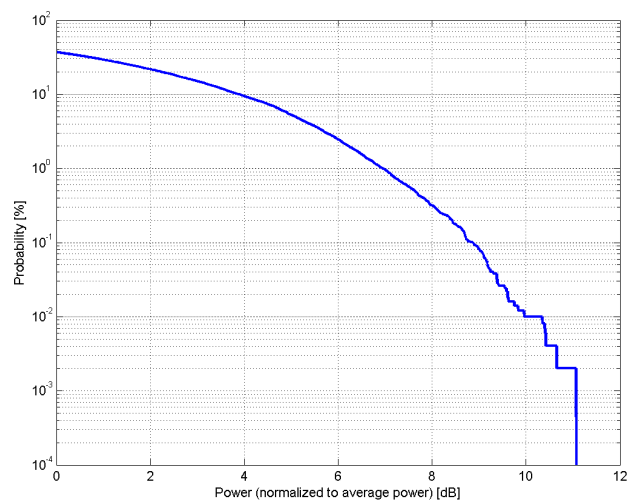
Frequency Band:  
WLAN 2.4GHz (2412.0 - 2484.0 MHz)  
WLAN 5GHz (4915.0 - 5825.0 MHz)  
U-NII-1, U-NII-2A (5170 - 5330 MHz)  
U-NII-2C Standalone (5490 - 5710 MHz)  
U-NII-2C <5.65 GHz (5490 - 5650 MHz)  
U-NII-3 Standalone (5735 - 5835 MHz)  
U-NII-2C, U-NII-3 (5650 - 5835 MHz)  
U-NII-5 (5925 - 6425 MHz)  
U-NII-6 (6425 - 6525 MHz)  
U-NII-7 (6525 - 6875 MHz)  
U-NII-8 (6875 - 7125 MHz)  
U-NII-4 (5825 - 5925 MHz)  
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%  
MPDU length: 4096 bytes  
MCS: 7  
Guard interval: long

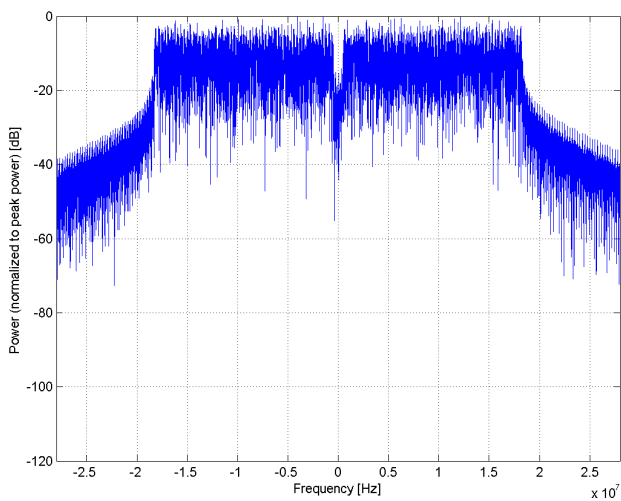
Bandwidth: 40.0 MHz  
Integration Time: 0.3 ms

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

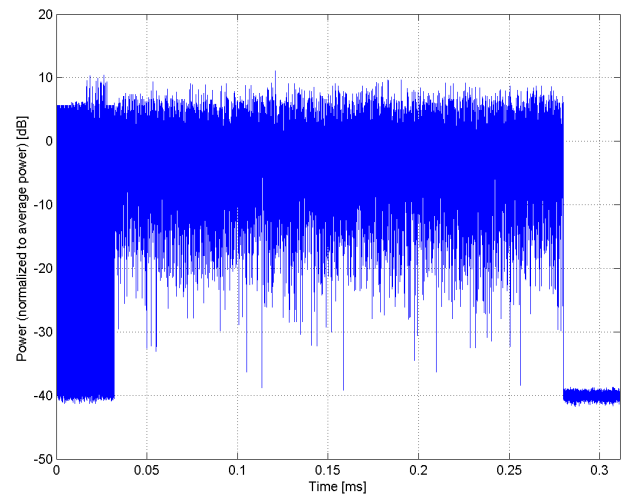
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

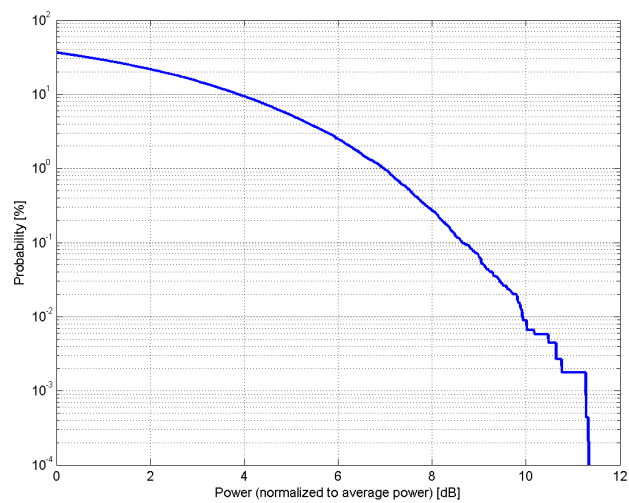


Time Domain

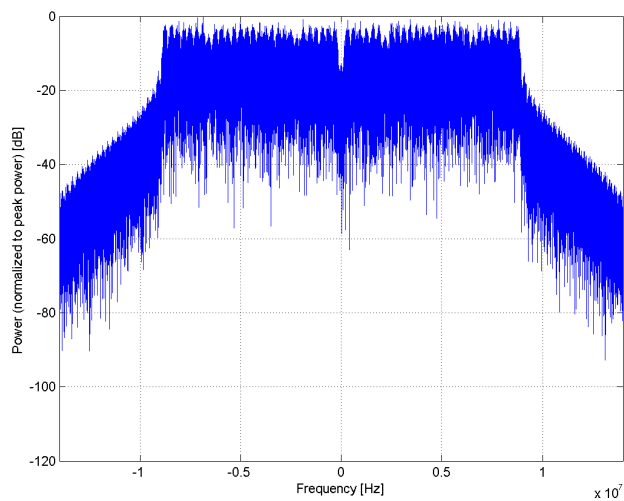
**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10607-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.64 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -5.60 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | BPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 20MHz<br>Duty cycle: 90%<br>MCS: 0<br>Number of spatial streams: 1<br>MPDU length: 4096                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 5.7 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

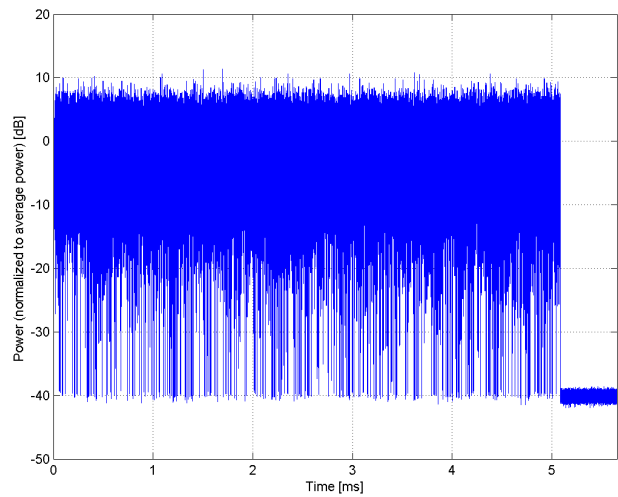
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

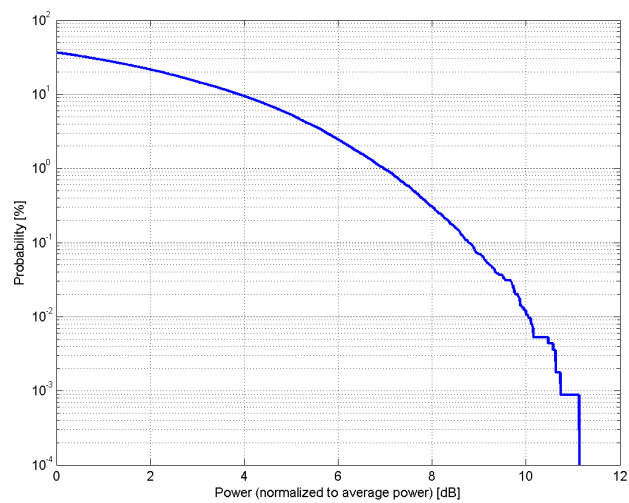


Time Domain

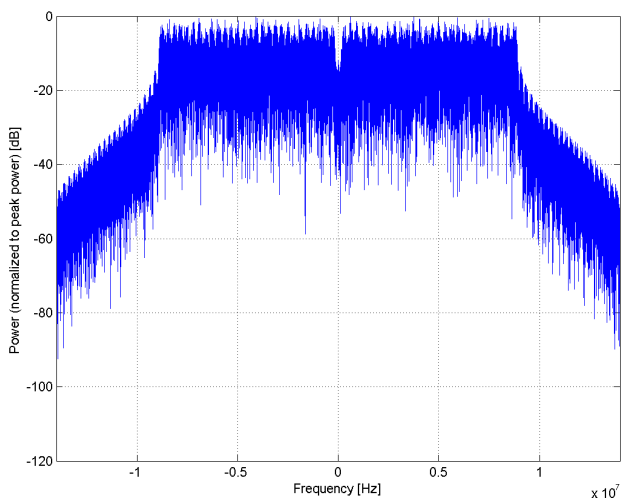
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10608-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.77 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -5.62 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 20MHz<br>Duty cycle: 90%<br>MCS: 1<br>Number of spatial streams: 1<br>MPDU length: 4096                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 2.8 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

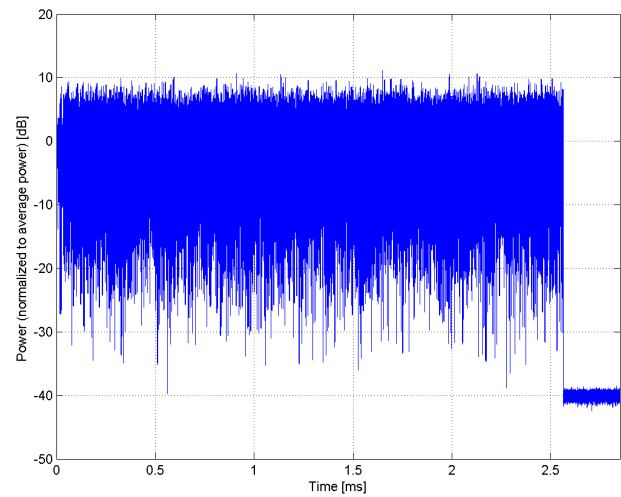
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

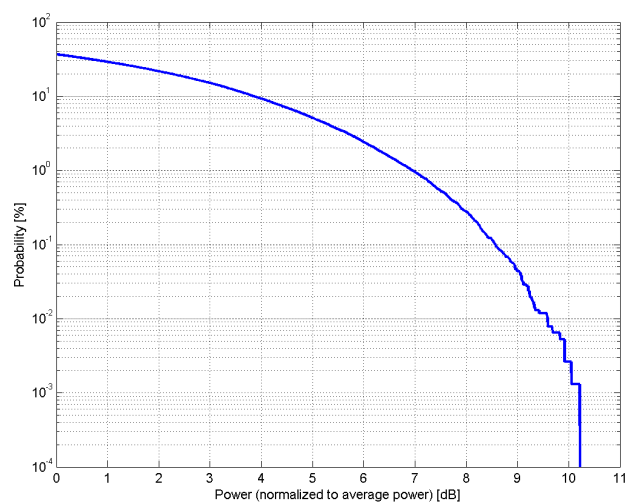


Time Domain

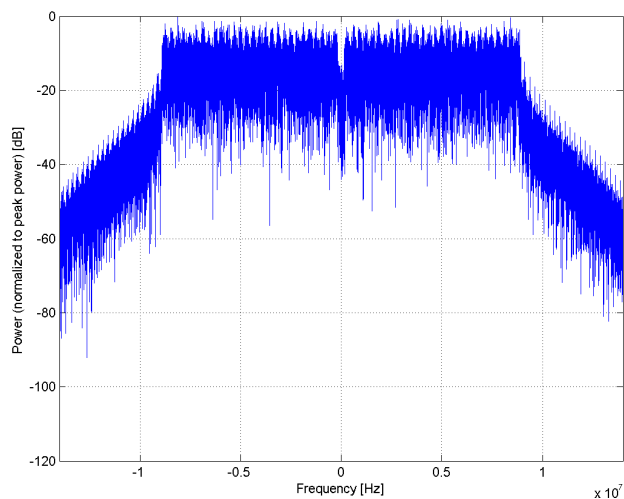
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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10609-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.57 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -5.85 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | QPSK                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 20MHz<br>Duty cycle: 90%<br>MCS: 2<br>Number of spatial streams: 1<br>MPDU length: 4096                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 1.9 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

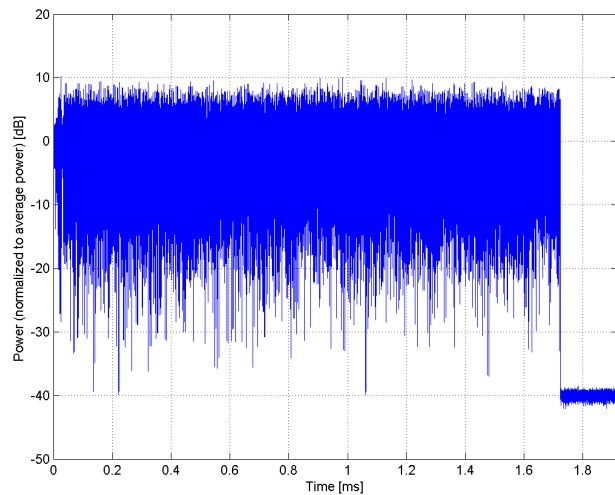
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



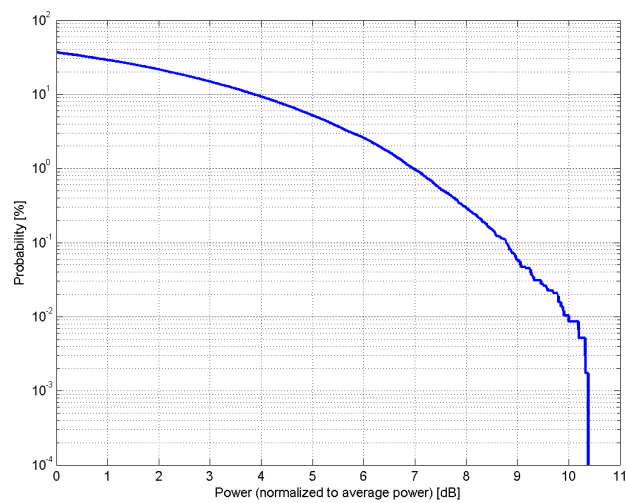
Time Domain

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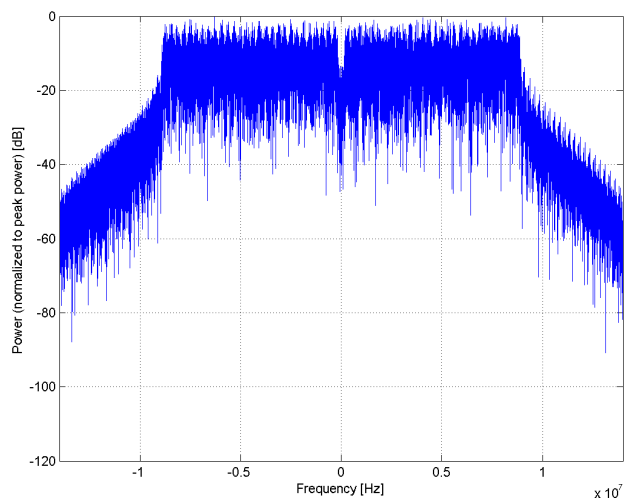
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10610-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.78 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -6.15 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 20MHz<br>Duty cycle: 90%<br>MCS: 3<br>Number of spatial streams: 1<br>MPDU length: 4096                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 1.4 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)"

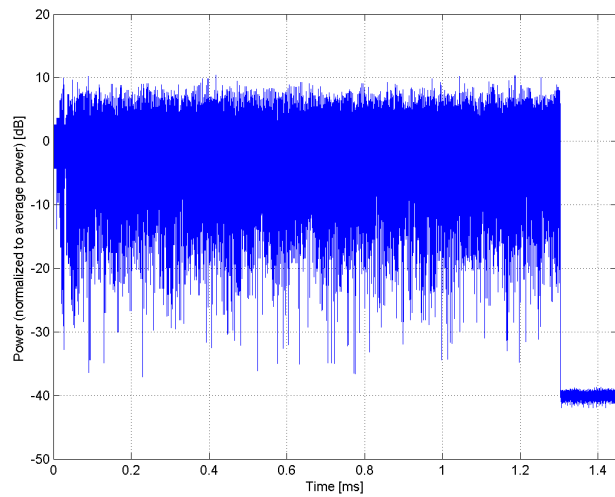
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name:                   | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Group:                  | WLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UID:                    | 10611-AAD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PAR: <sup>1</sup>       | 8.70 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MIF: <sup>2</sup>       | -6.70 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Reference:     | IEEE 802.11-2013<br>FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:               | Random amplitude modulation                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Modulation:             | 16-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>U-NII-5 (5925 - 6425 MHz)<br>U-NII-6 (6425 - 6525 MHz)<br>U-NII-7 (6525 - 6875 MHz)<br>U-NII-8 (6875 - 7125 MHz)<br>U-NII-4 (5825 - 5925 MHz)<br>Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 20MHz<br>Duty cycle: 90%<br>MCS: 4<br>Number of spatial streams: 1<br>MPDU length: 4096                                                                                                                                                                                                                                                                                                                                                                 |
| Bandwidth:              | 20.0 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Integration Time:       | 1.0 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).