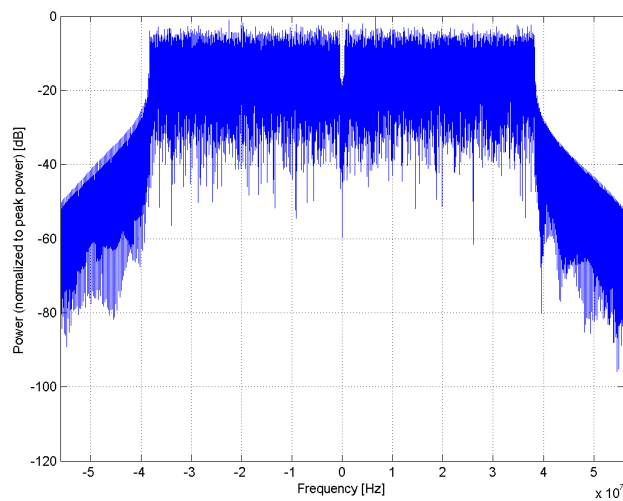
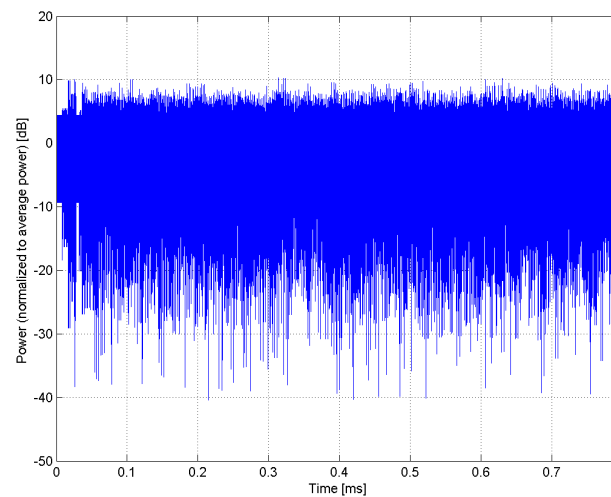


Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



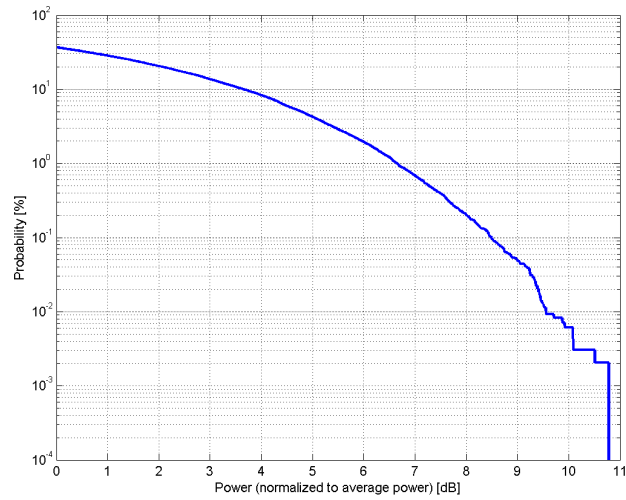
Time Domain

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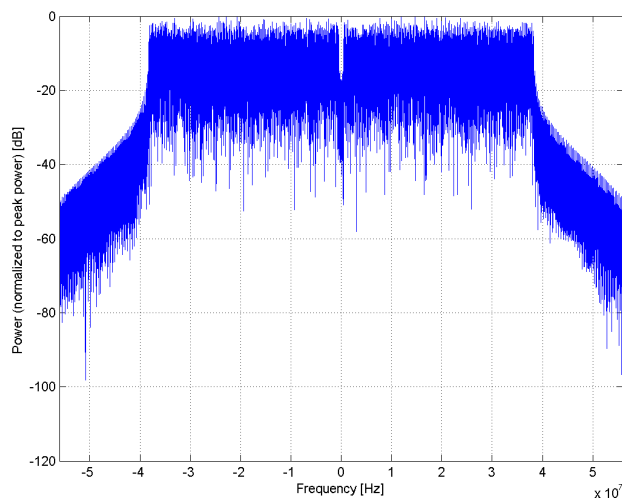
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10547-AAB |
| PAR: ¹ | 8.49 dB |
| MIF: ² | -16.92 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 3 Number of spatial streams: 1 MPDU length: 8192 |
| Bandwidth: | 80.0 MHz |
| Integration Time: | 0.6 ms |

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

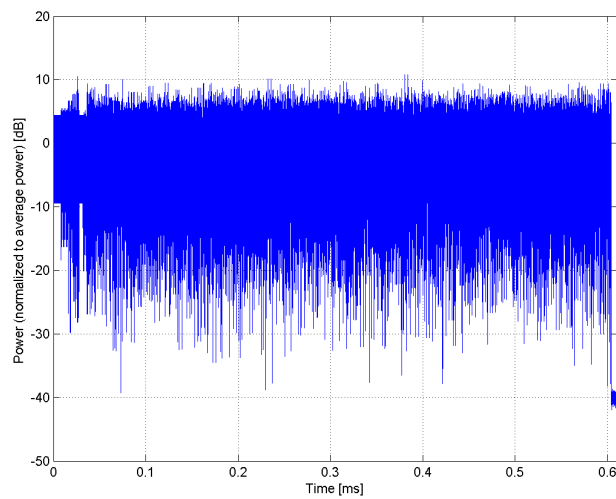
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



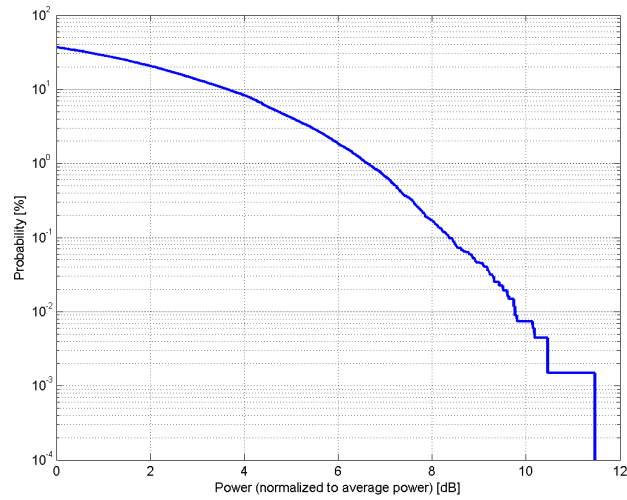
Time Domain

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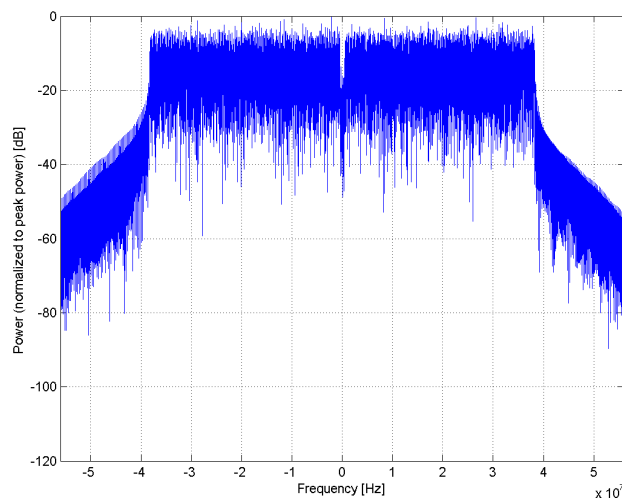
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10548-AAB |
| PAR: ¹ | 8.37 dB |
| MIF: ² | -18.67 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 4 Number of spatial streams: 1 MPDU length: 8192 |
| Bandwidth: | 80.0 MHz |
| Integration Time: | 0.4 ms |

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

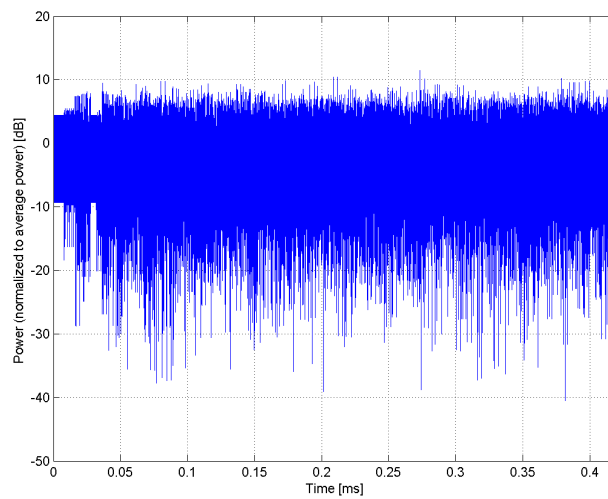
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



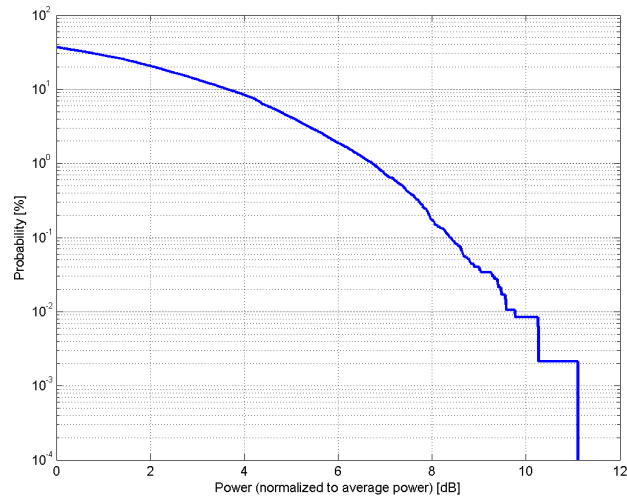
Time Domain

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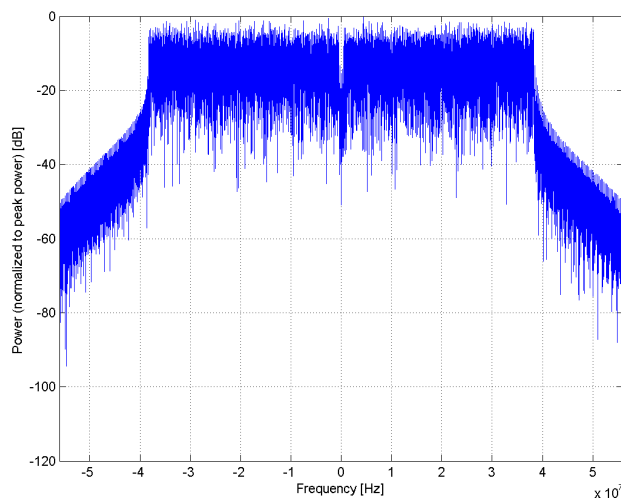
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10550-AAB |
| PAR: ¹ | 8.38 dB |
| MIF: ² | -19.70 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 6 Number of spatial streams: 1 MPDU length: 8192 |
| Bandwidth: | 80.0 MHz |
| Integration Time: | 0.3 ms |

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

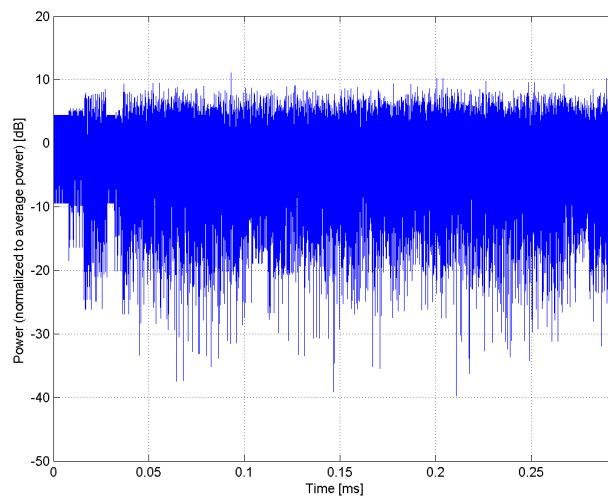
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



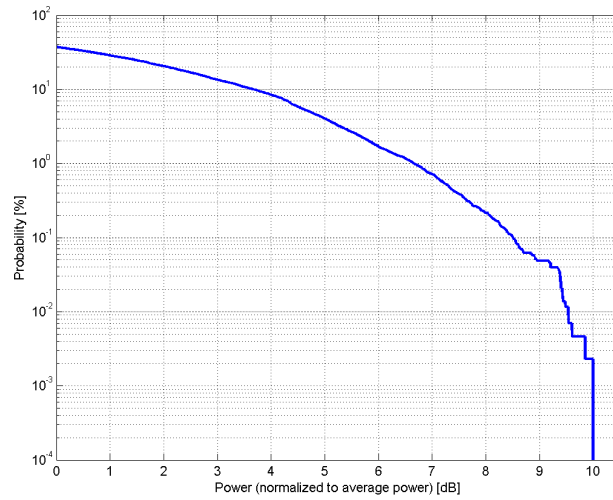
Time Domain

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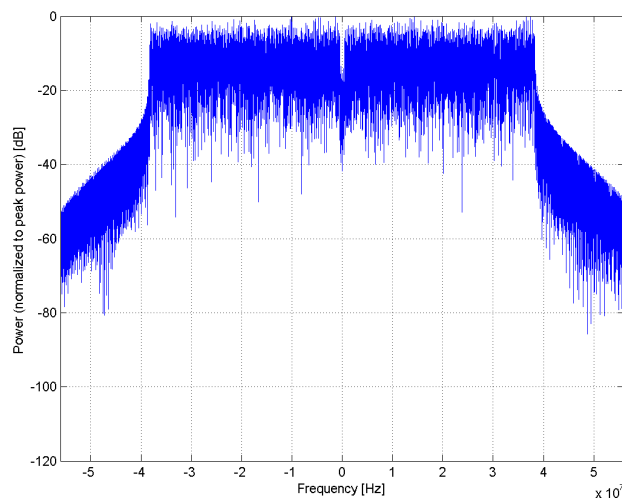
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10551-AAB |
| PAR: ¹ | 8.50 dB |
| MIF: ² | -19.55 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 |
| Modulation: | Random amplitude modulation |
| Frequency Band: | 64-QAM 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 7 Number of spatial streams: 1 |
| Bandwidth: | MPDU length: 8192 80.0 MHz |
| Integration Time: | 0.3 ms |

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

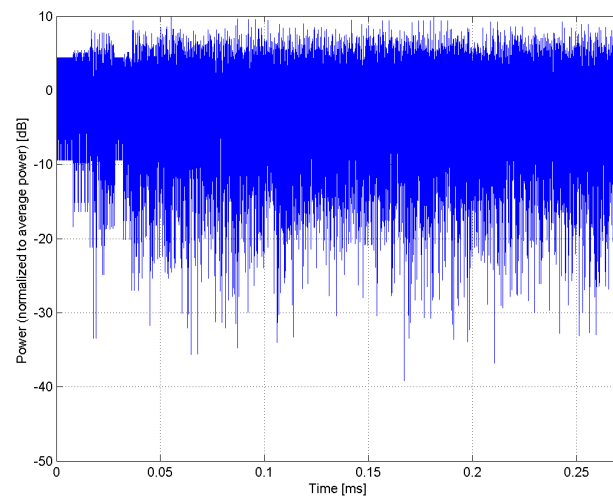
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



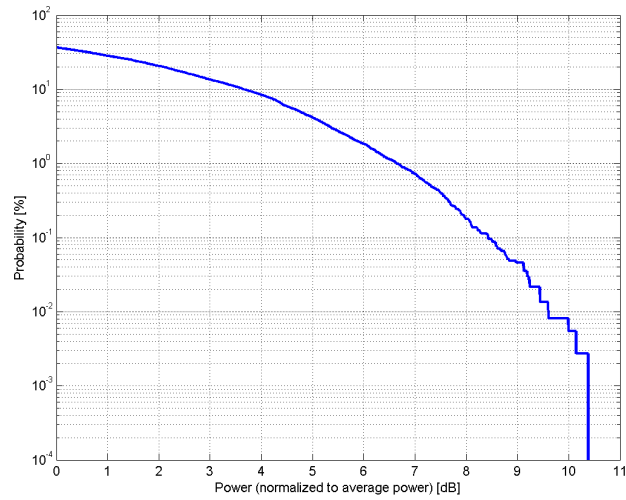
Time Domain

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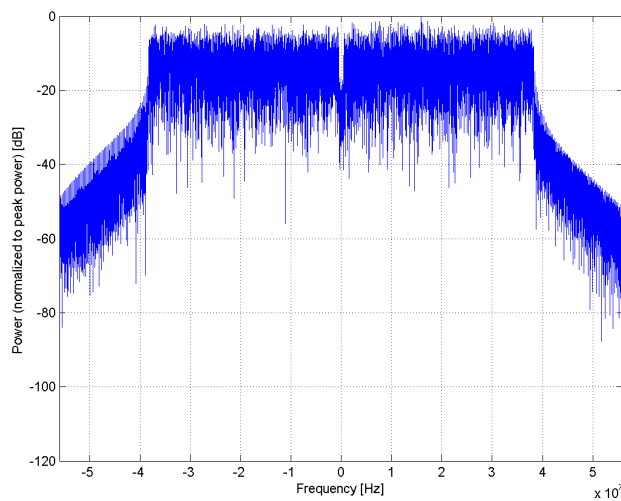
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10552-AAB |
| PAR: ¹ | 8.42 dB |
| MIF: ² | -21.54 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | 256-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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 8 Number of spatial streams: 1 MPDU length: 8192 |
| Bandwidth: | 80.0 MHz |
| Integration Time: | 0.2 ms |

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

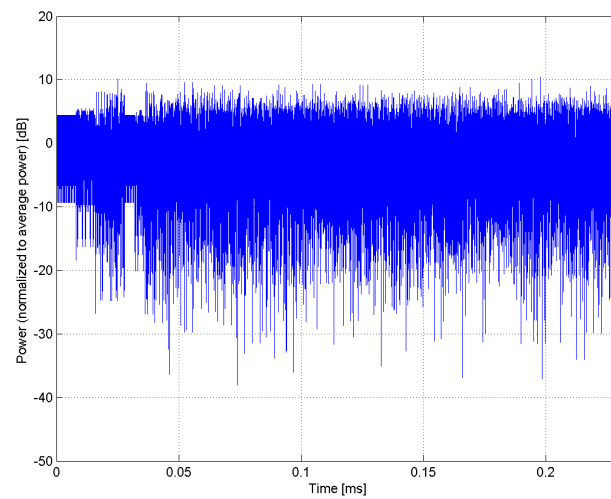
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



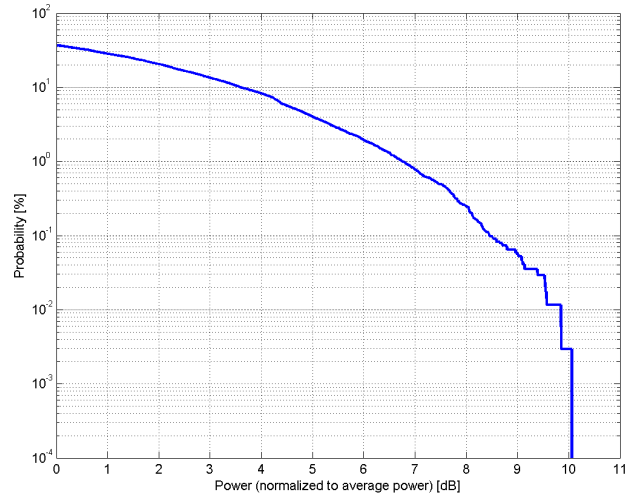
Time Domain

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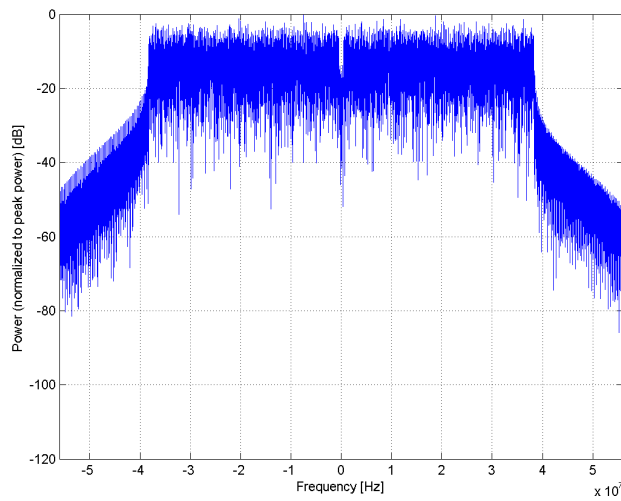
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10553-AAB |
| PAR: ¹ | 8.45 dB |
| MIF: ² | -23.01 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | 256-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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 80MHz Duty cycle: 99% MCS: 9 Number of spatial streams: 1 MPDU length: 8192 |
| Bandwidth: | 80.0 MHz |
| Integration Time: | 0.2 ms |

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

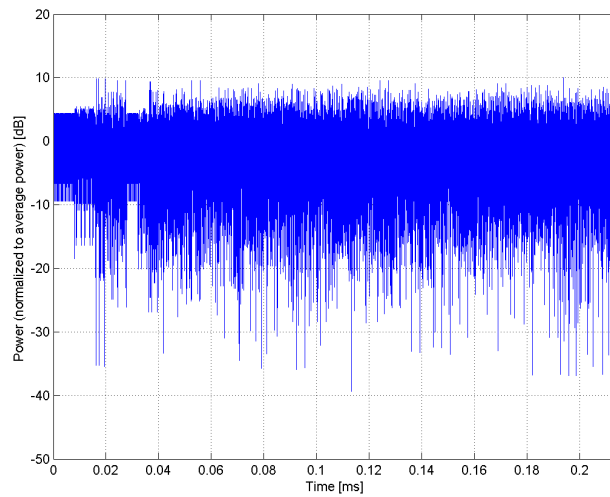
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



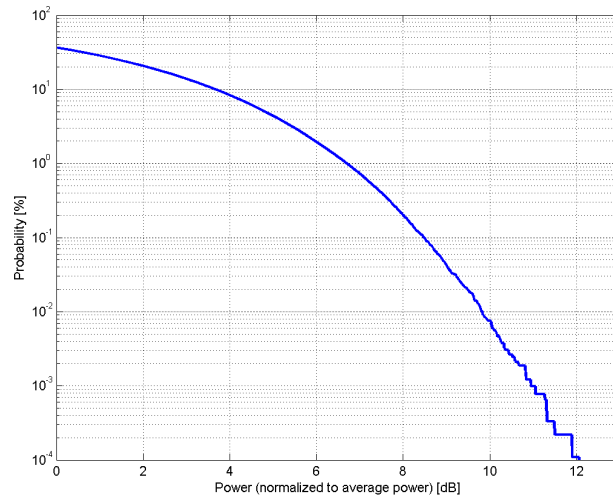
Time Domain

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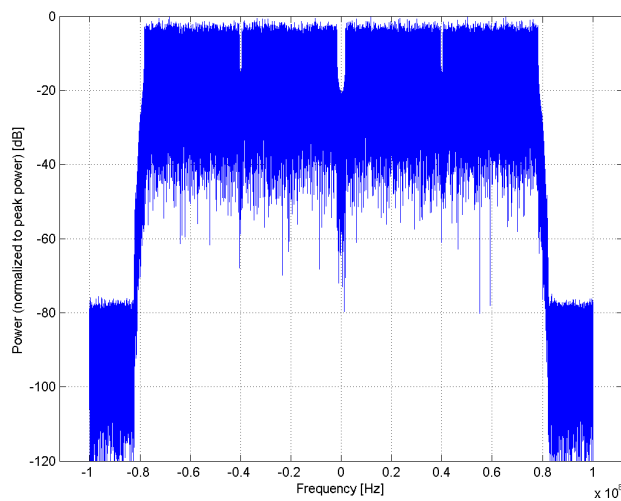
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10554-AAC |
| PAR: ¹ | 8.48 dB |
| MIF: ² | -12.12 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 0 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 4.6 ms |

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

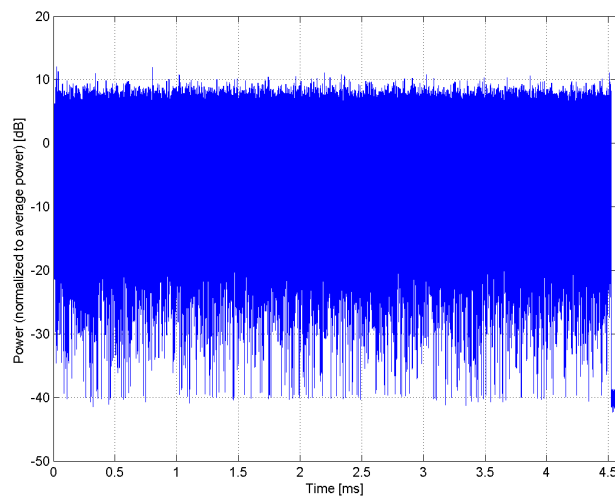
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



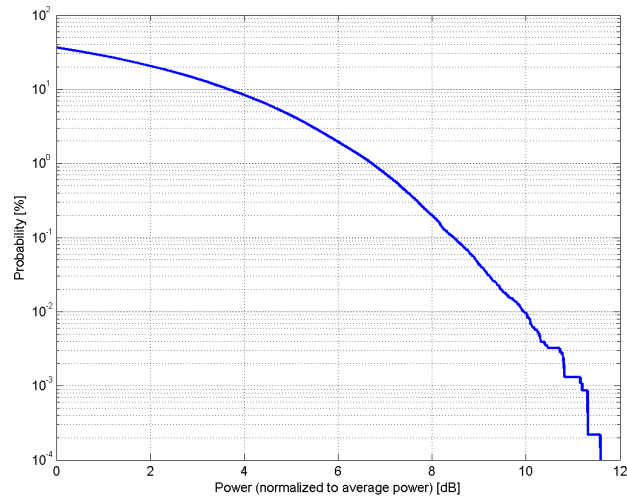
Time Domain

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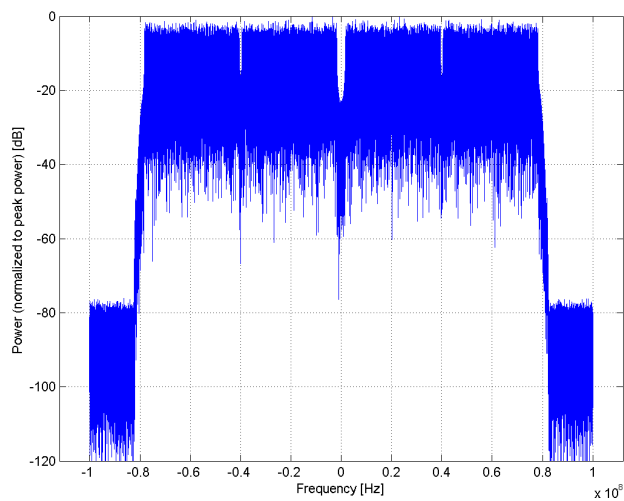
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10555-AAC |
| PAR: ¹ | 8.47 dB |
| MIF: ² | -13.15 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 1 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 2.3 ms |

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

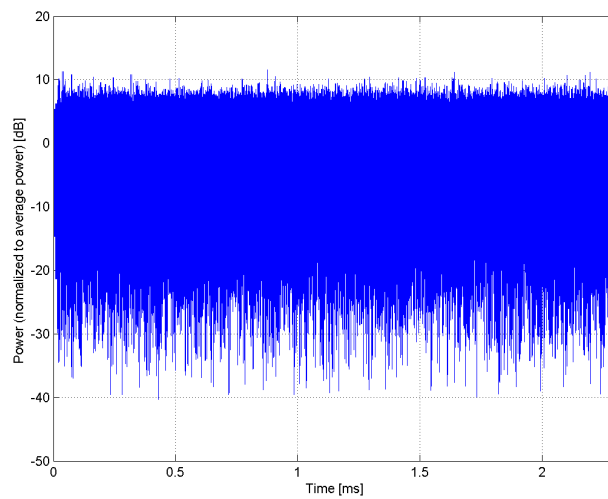
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



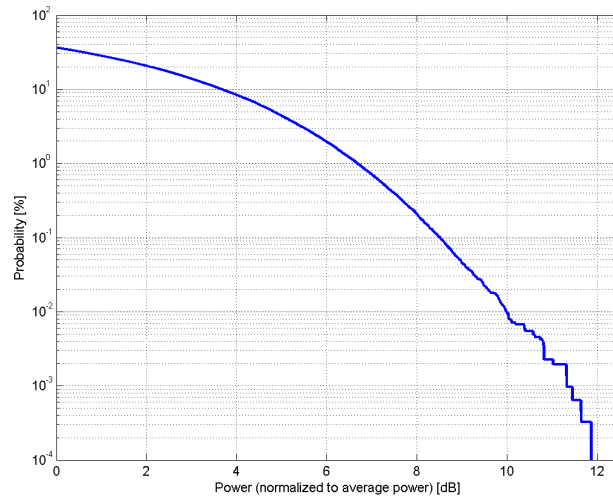
Time Domain

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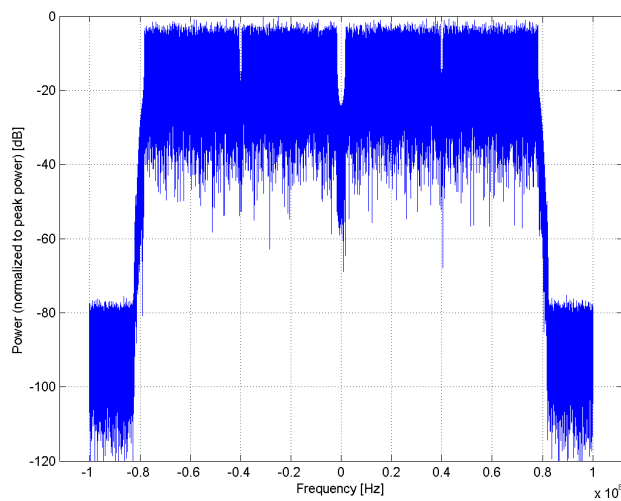
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10556-AAC |
| PAR: ¹ | 8.50 dB |
| MIF: ² | -13.55 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 2 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 1.6 ms |

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

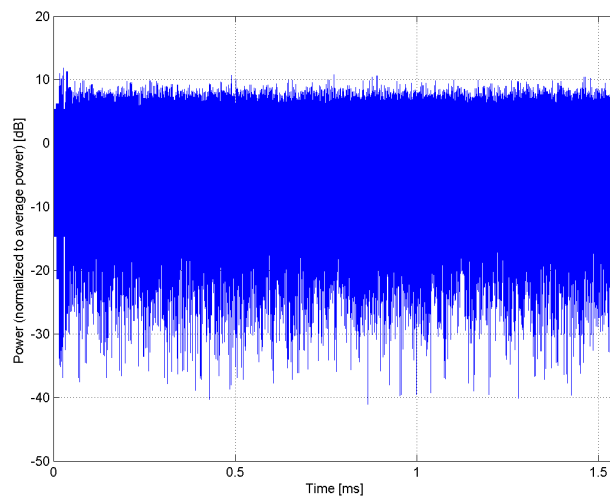
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



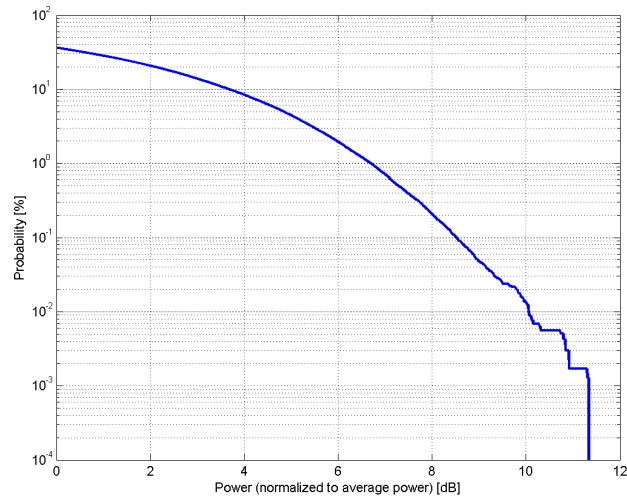
Time Domain

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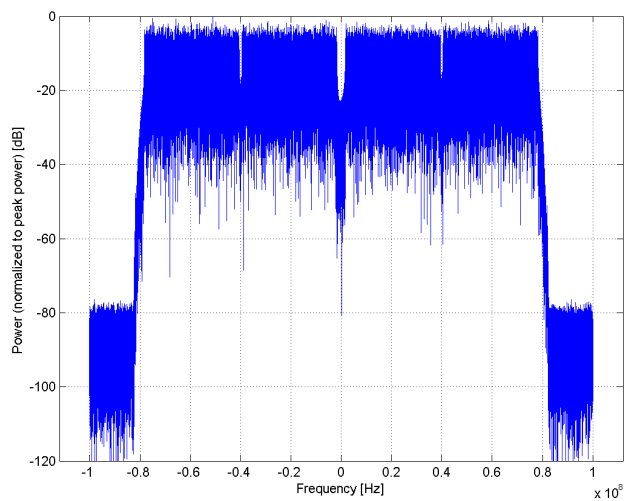
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10557-AAC |
| PAR: ¹ | 8.52 dB |
| MIF: ² | -13.89 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 3 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 1.2 ms |

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

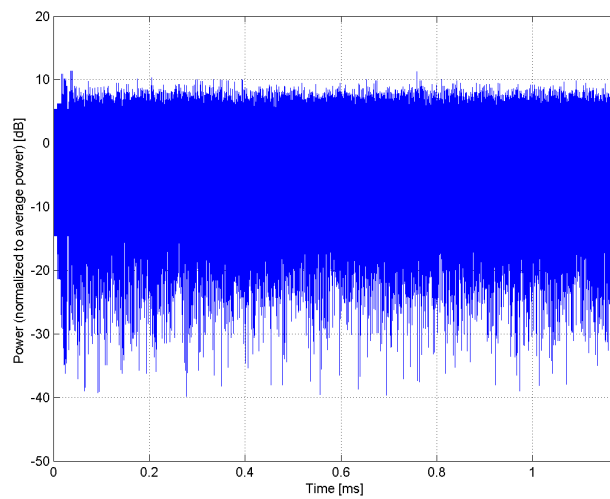
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



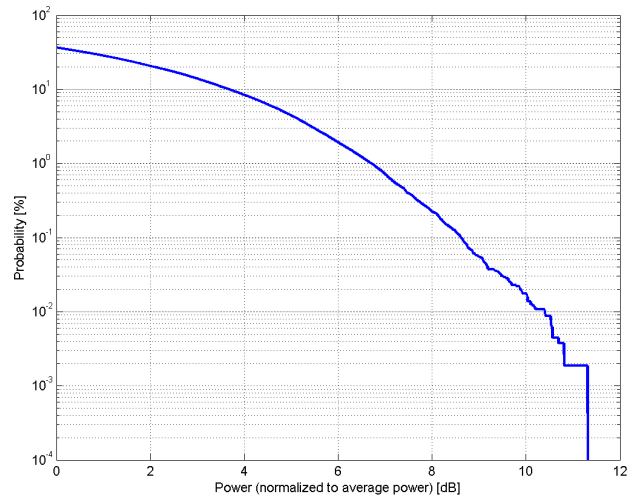
Time Domain

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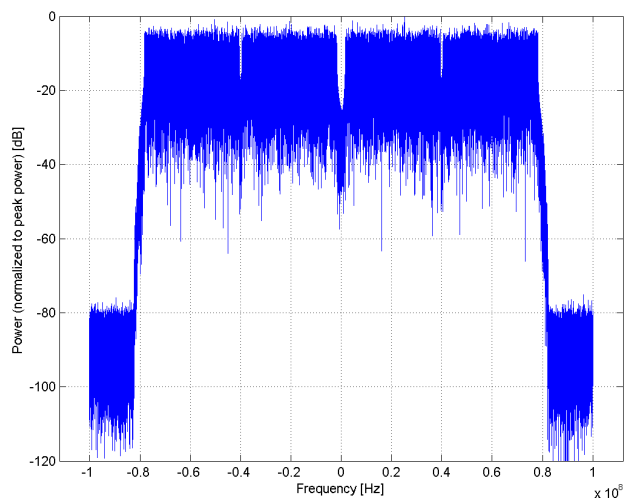
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10558-AAC |
| PAR: ¹ | 8.61 dB |
| MIF: ² | -14.15 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 4 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 0.8 ms |

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

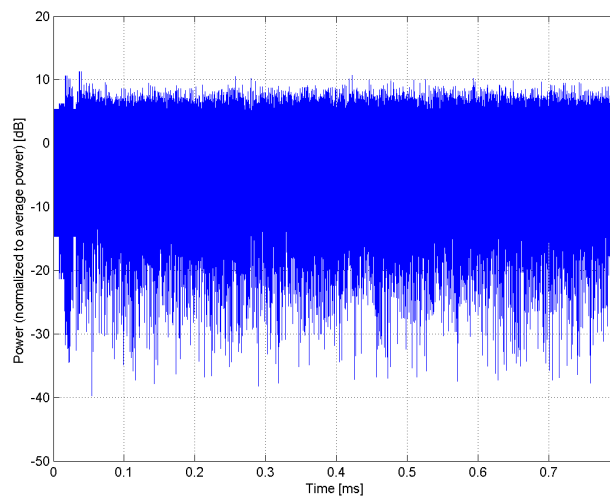
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



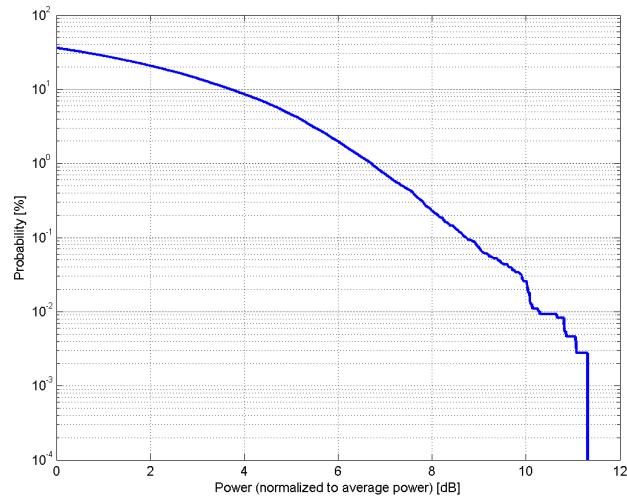
Time Domain

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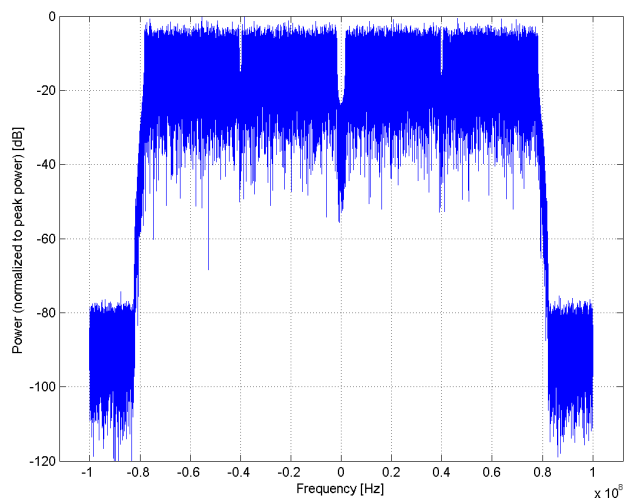
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10560-AAC |
| PAR: ¹ | 8.73 dB |
| MIF: ² | -14.69 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 6 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 0.5 ms |

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

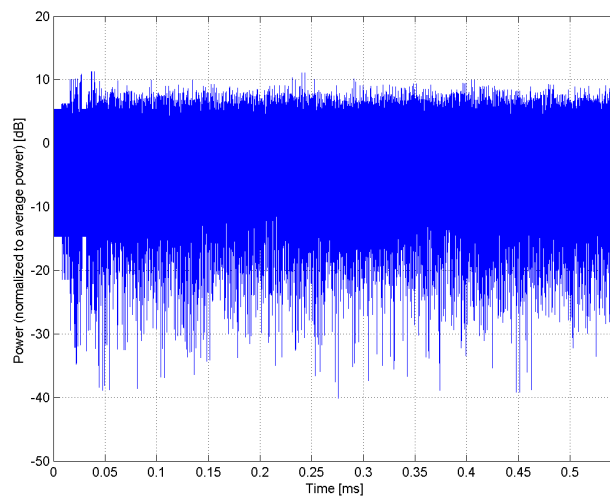
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



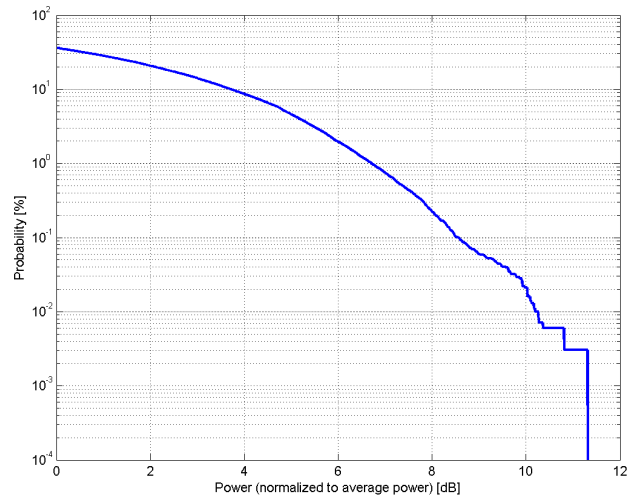
Time Domain

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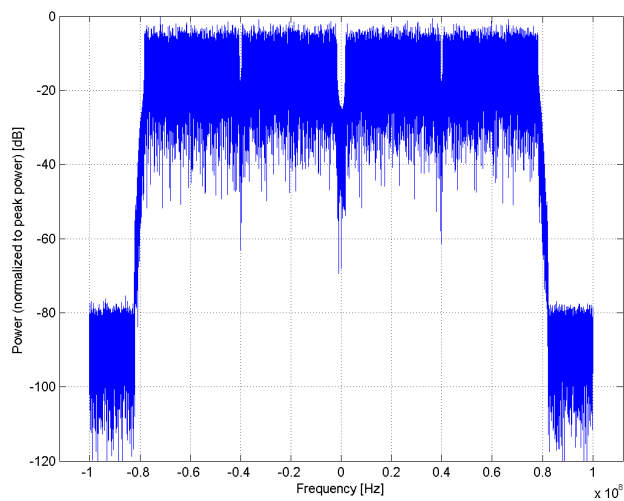
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10561-AAC |
| PAR: ¹ | 8.56 dB |
| MIF: ² | -15.13 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 7 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 0.5 ms |

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

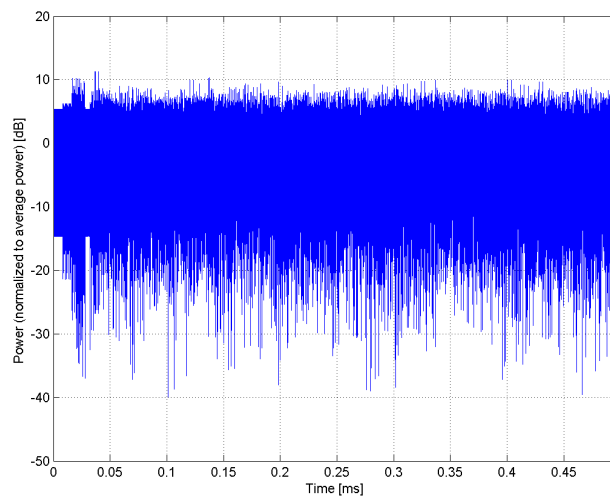
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



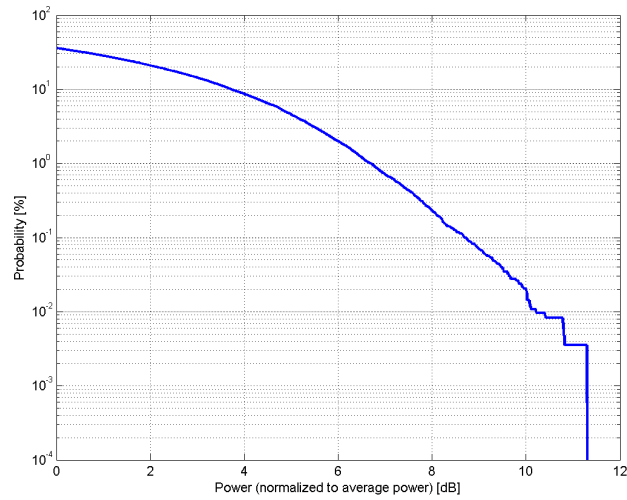
Time Domain

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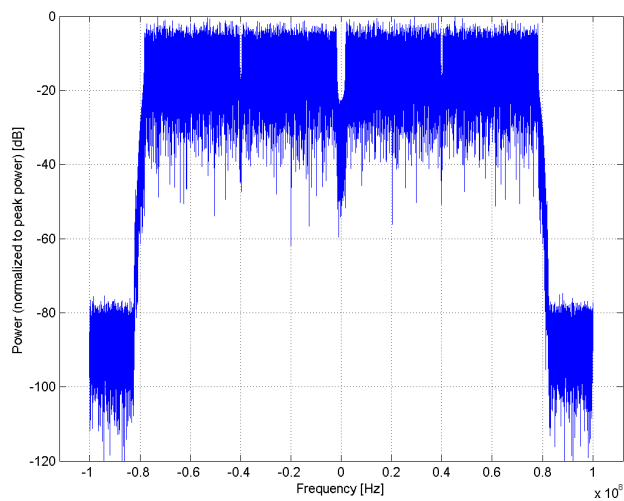
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10562-AAC |
| PAR: ¹ | 8.69 dB |
| MIF: ² | -15.04 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | 256-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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 8 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 0.4 ms |

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

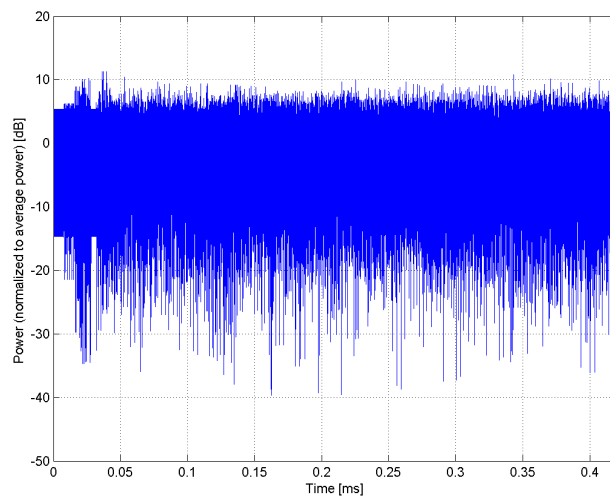
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



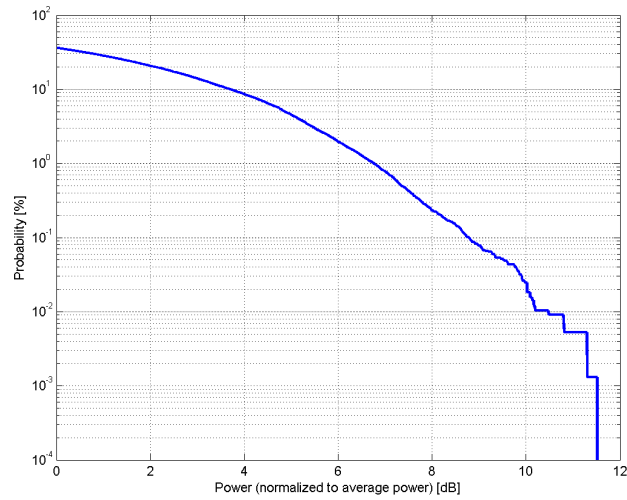
Time Domain

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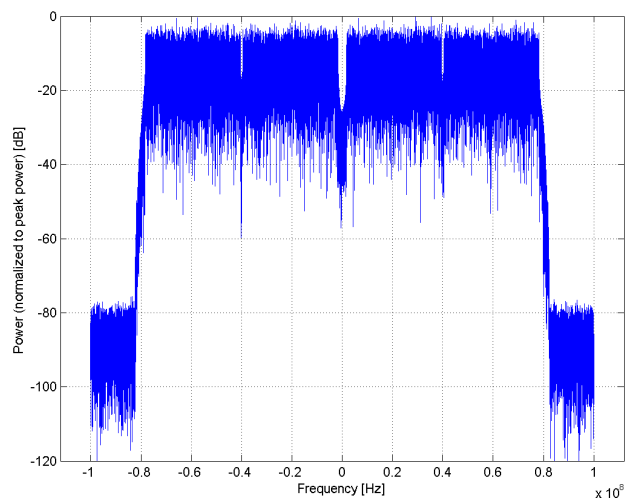
| | |
|-------------------------|---|
| Name: | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) |
| Group: | WLAN |
| UID: | 10563-AAC |
| PAR: ¹ | 8.77 dB |
| MIF: ² | -15.40 dB |
| Standard Reference: | IEEE 802.11-2013 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | 256-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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Bandwidth: 160MHz Duty cycle: 99% MCS: 9 Number of spatial streams: 1 MPDU length: 32768 |
| Bandwidth: | 160.0 MHz |
| Integration Time: | 0.4 ms |

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

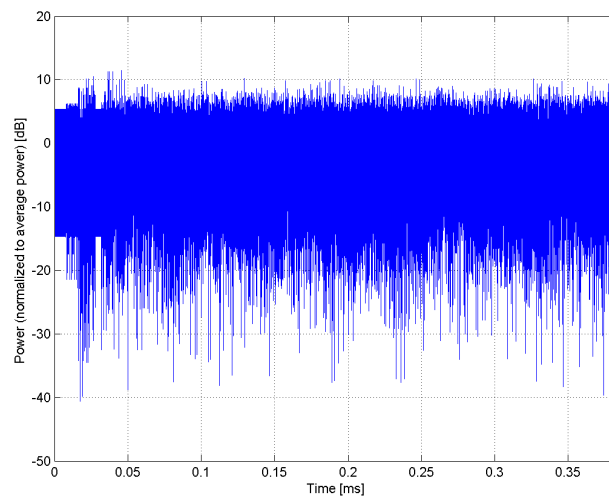
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

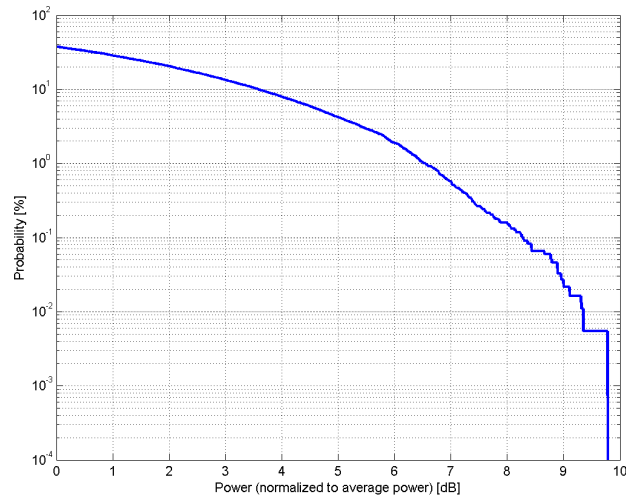
Group: WLAN
UID: 10564-AAA

PAR: ¹ **8.25 dB**
MIF: ² **-15.41 dB**

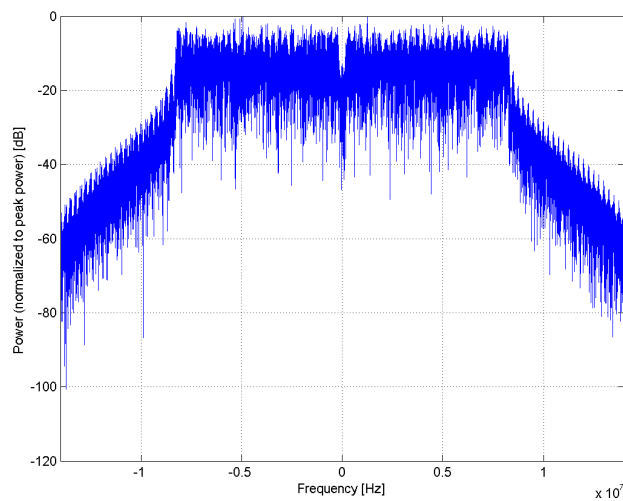
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: BPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 9Mbps
Preamble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

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

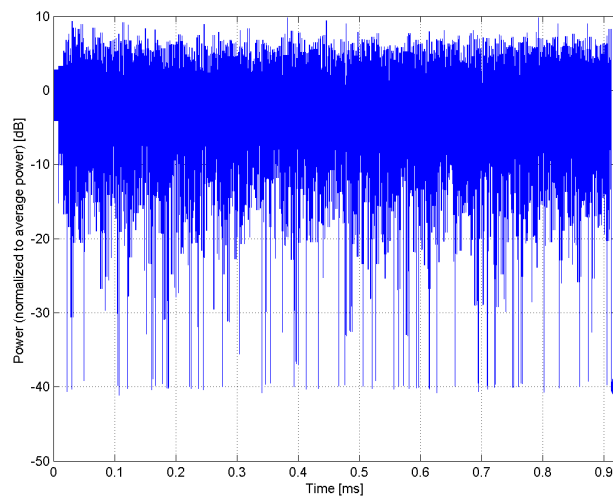
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

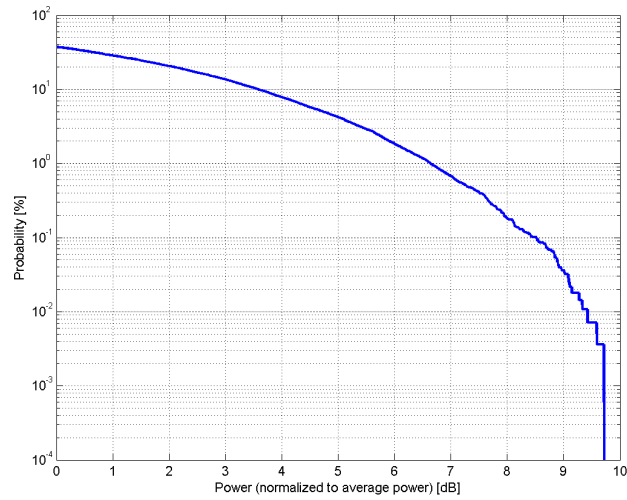
Group: WLAN
UID: 10565-AAA

PAR: ¹ **8.45 dB**
MIF: ² **-16.70 dB**

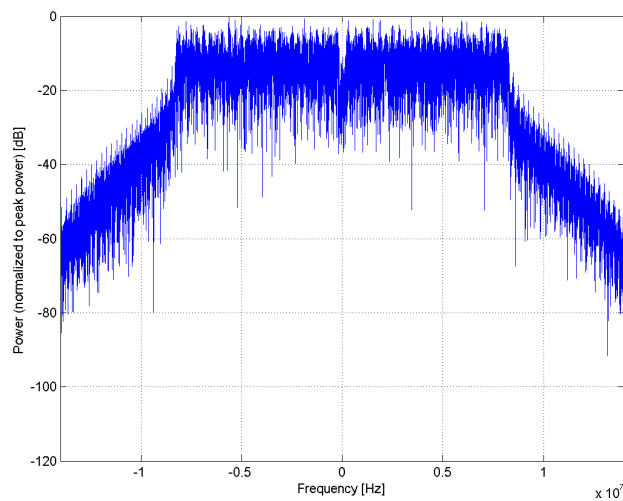
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 12Mbps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

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

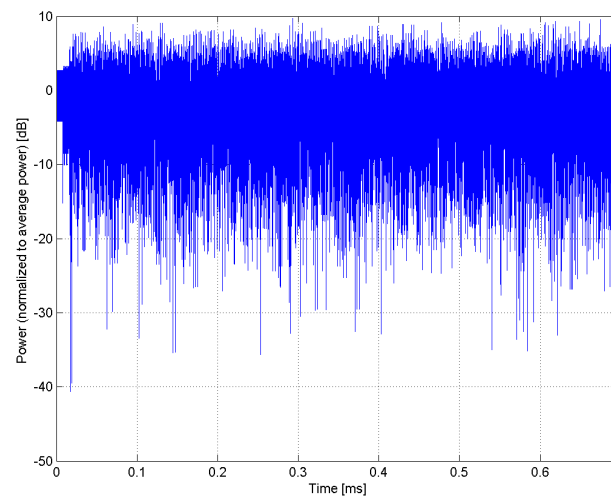
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

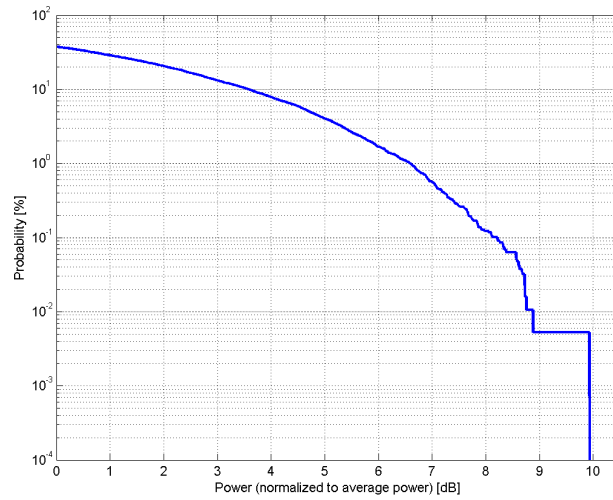
Group: WLAN
UID: 10566-AAA

PAR: ¹ **8.13 dB**
MIF: ² **-18.78 dB**

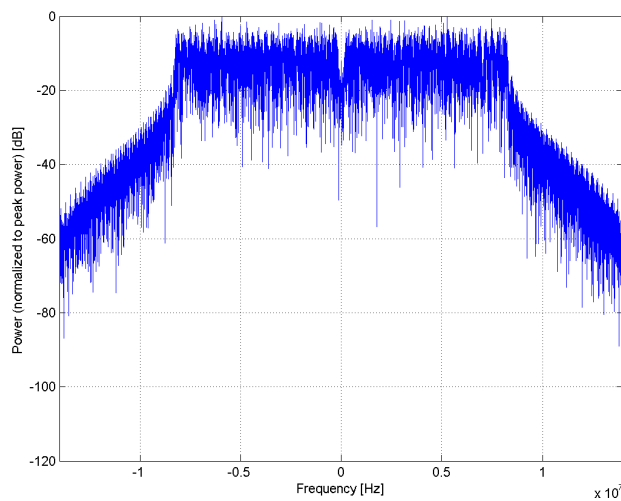
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 18Mbps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

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

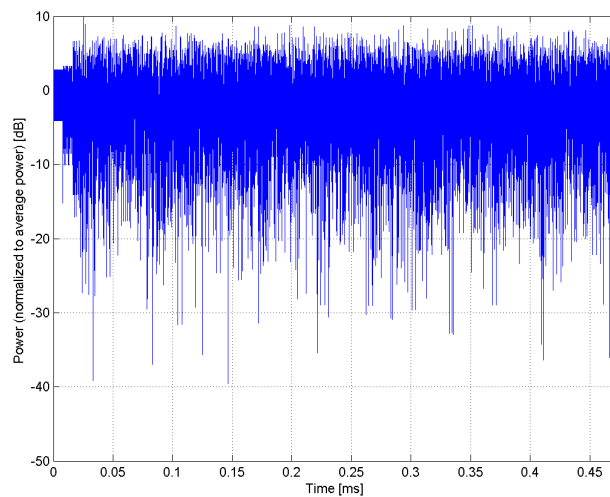
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

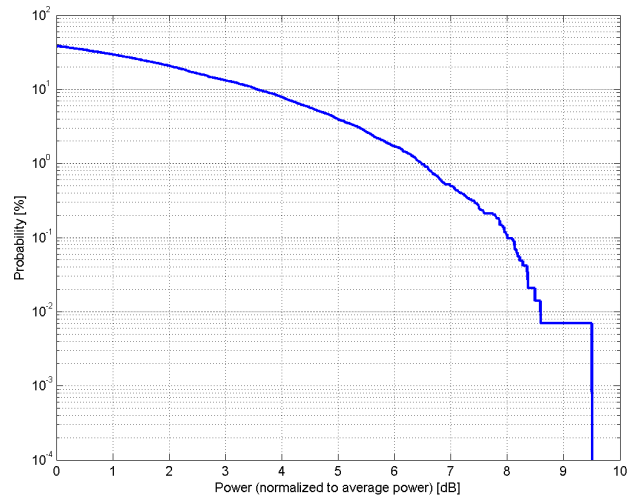
Group: WLAN
UID: 10567-AAA

PAR: ¹ **8.00 dB**
MIF: ² **-23.09 dB**

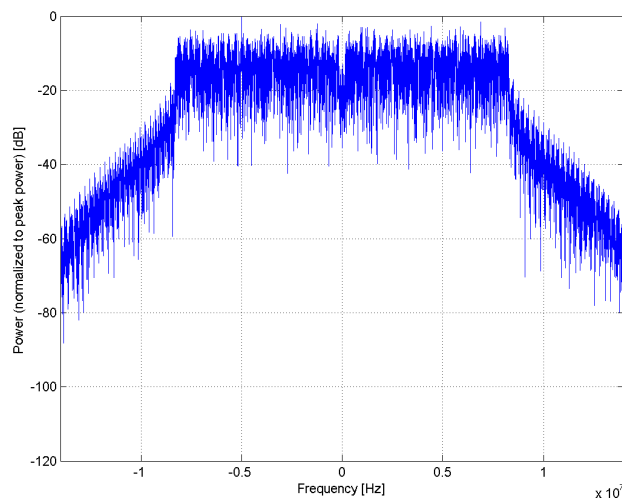
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 24Mbps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

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

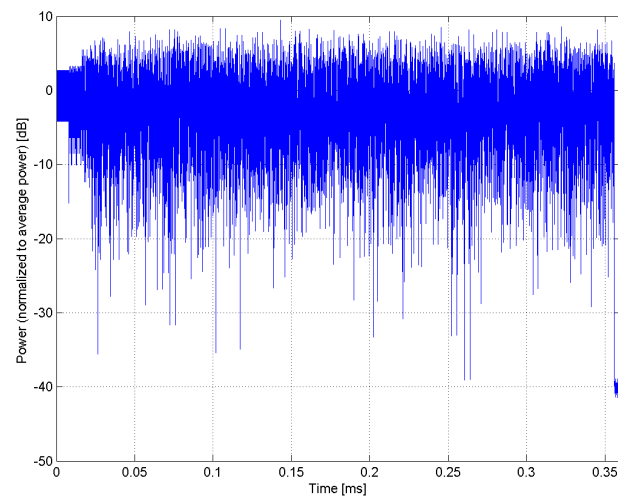
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

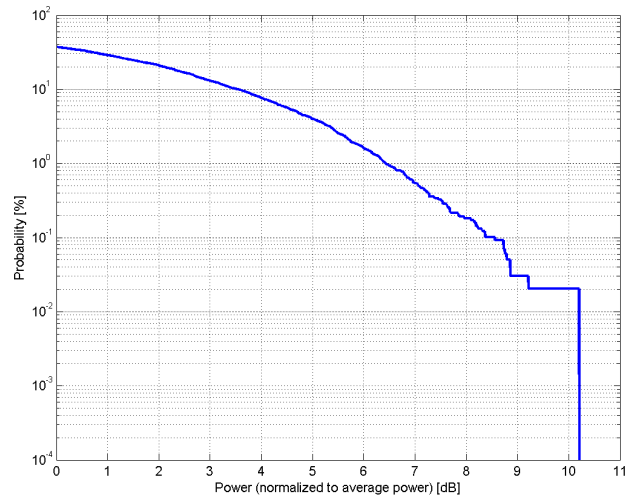
Group: WLAN
UID: 10568-AAA

PAR: ¹ **8.37 dB**
MIF: ² **-22.04 dB**

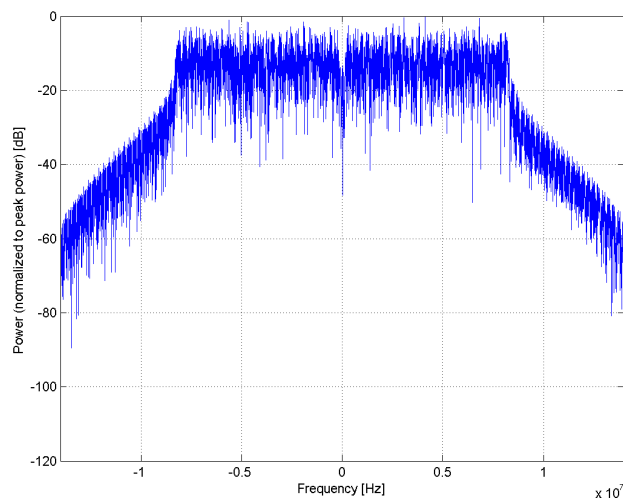
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 36Mbps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

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

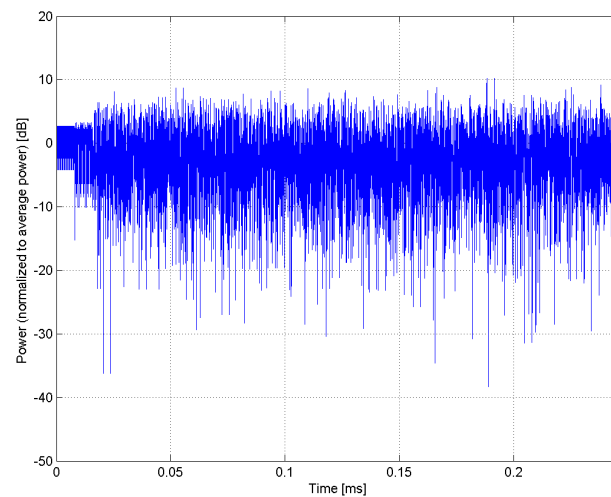
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

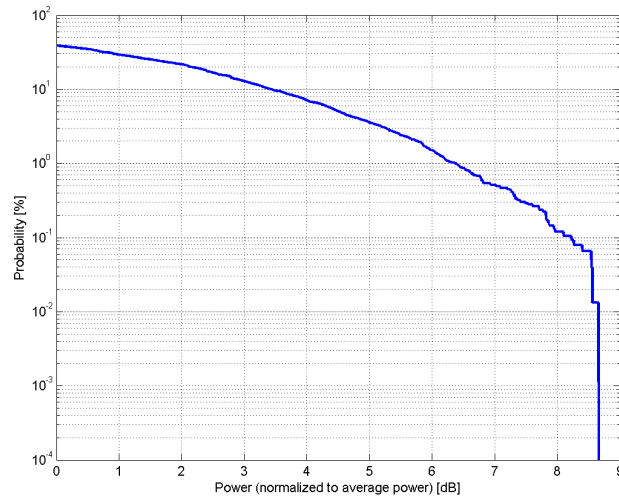
Group: WLAN
UID: 10569-AAA

PAR: ¹ **8.10 dB**
MIF: ² **-24.25 dB**

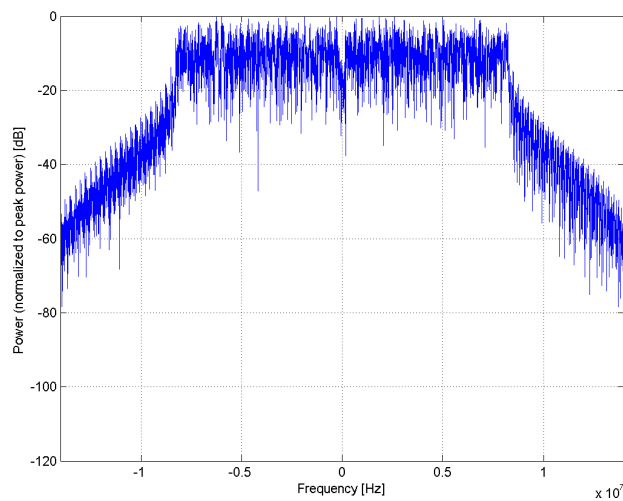
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 48Mbps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

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

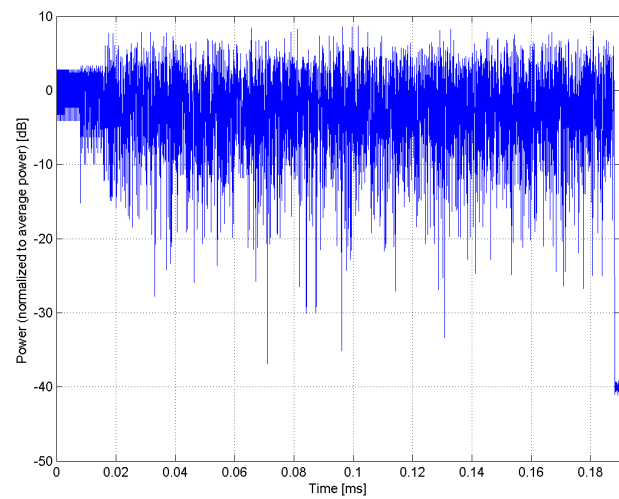
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

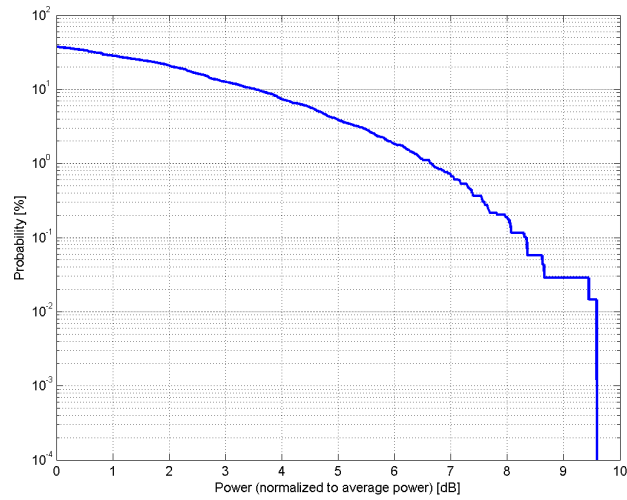
Group: WLAN
UID: 10570-AAA

PAR: ¹ **8.30 dB**
MIF: ² **-29.31 dB**

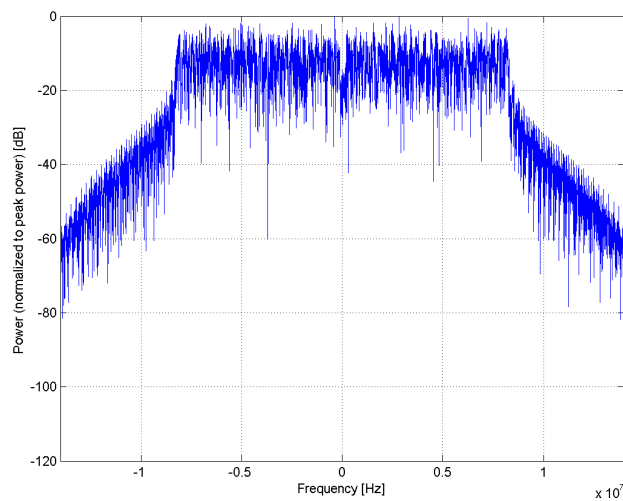
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 99 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 54Mbps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

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

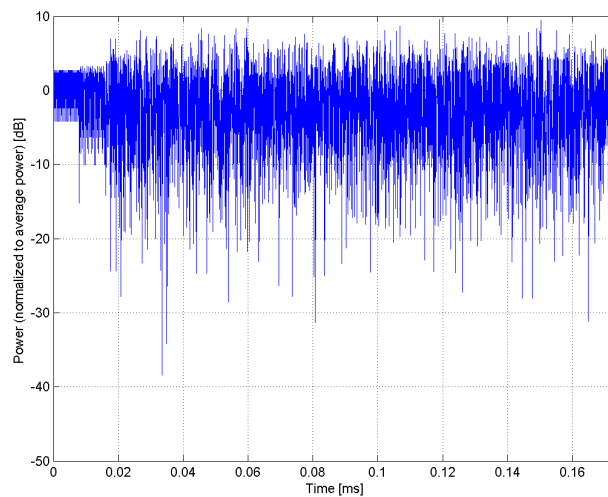
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

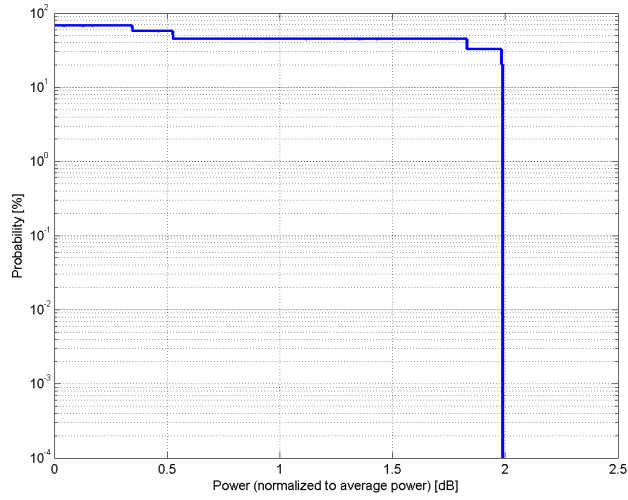
Group: WLAN
UID: 10571-AAA

PAR: ¹ **1.99 dB**
MIF: ² **-5.62 dB**

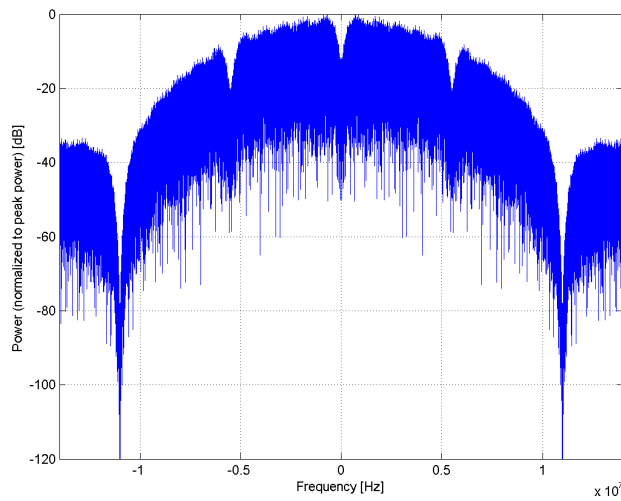
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: DQPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1024 bytes
Preamble type: long
Data Rate: 1Mbps
Bandwidth: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

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

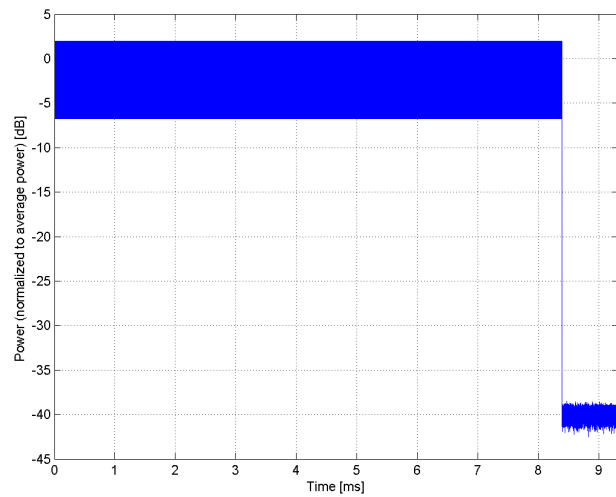
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

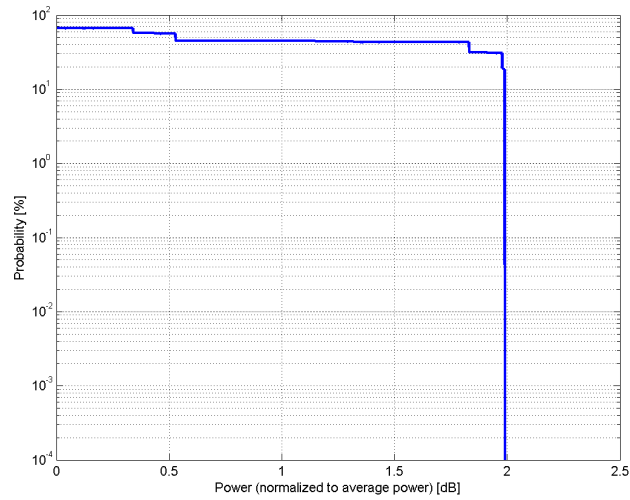
Group: WLAN
UID: 10572-AAA

PAR: ¹ **1.99 dB**
MIF: ² **-5.53 dB**

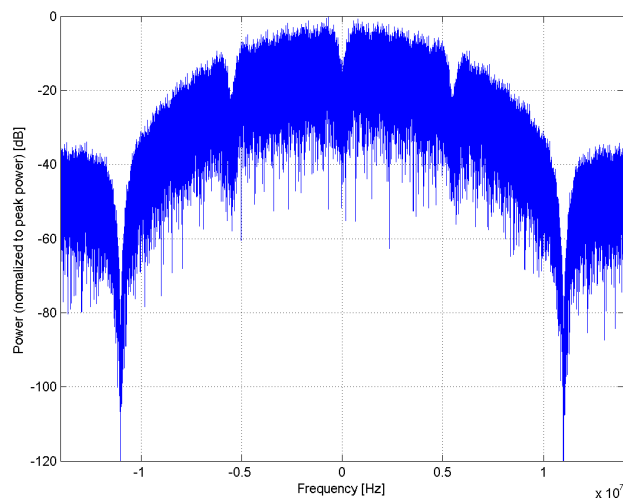
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: DQPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1024 bytes
Preamble type: long
Data Rate: 2Mbps
Bandwidth: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

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

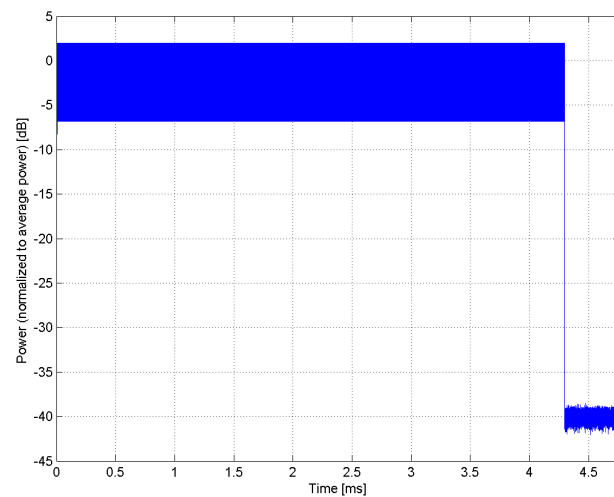
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

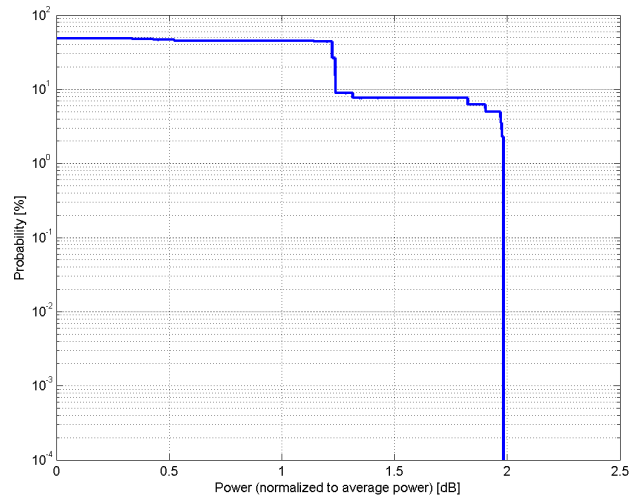
Group: WLAN
UID: 10573-AAA

PAR: ¹ **1.98 dB**
MIF: ² **-5.73 dB**

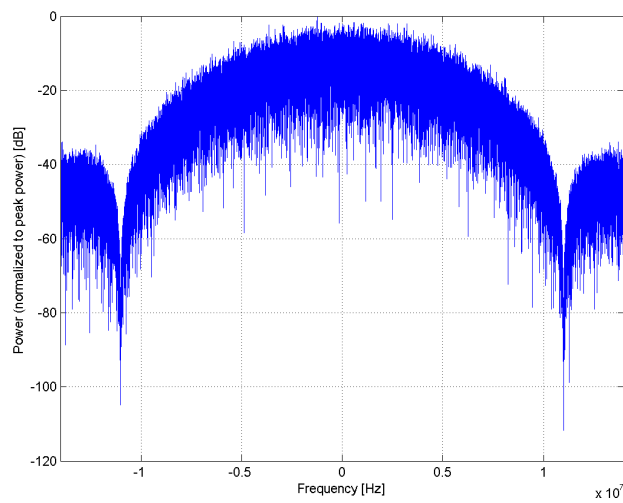
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: DQPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1024 bytes
Preamble type: long
Data Rate: 5.5Mbps
Bandwidth: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

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

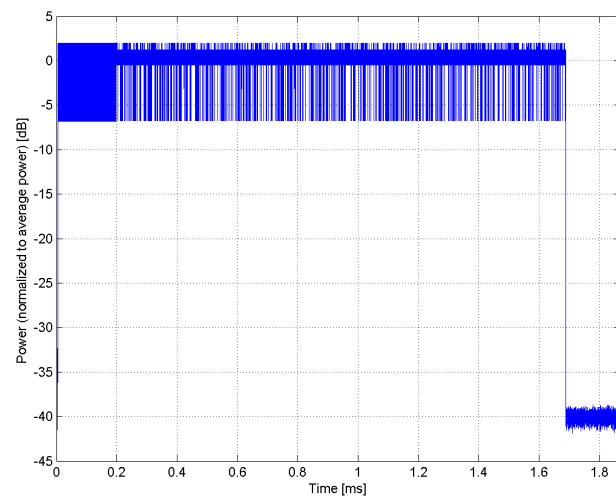
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



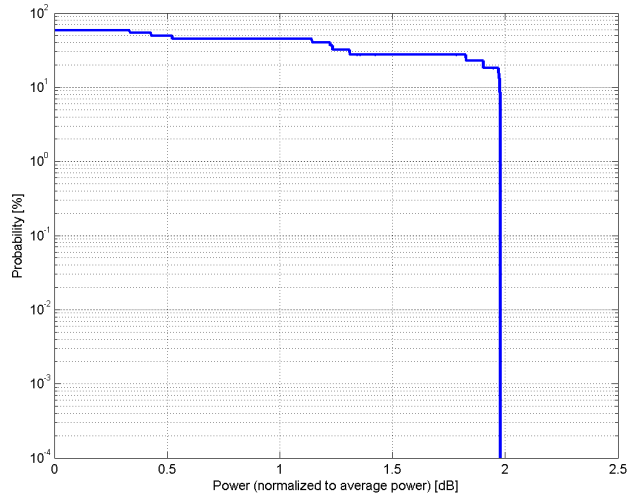
Time Domain

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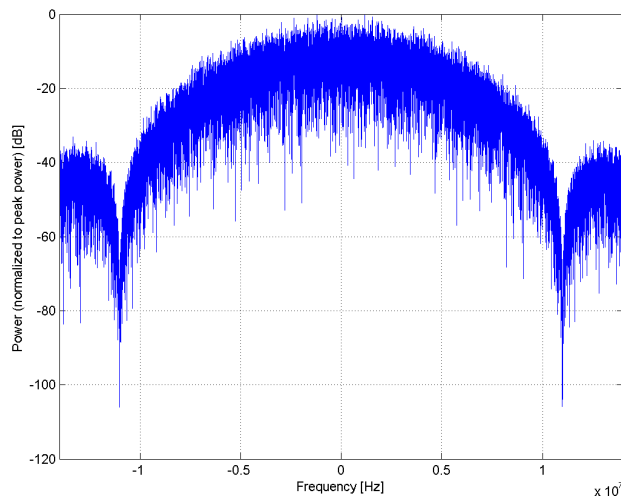
| | |
|-------------------------|---|
| Name: | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10574-AAA |
| PAR: ¹ | 1.98 dB |
| MIF: ² | -6.42 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random 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 |

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

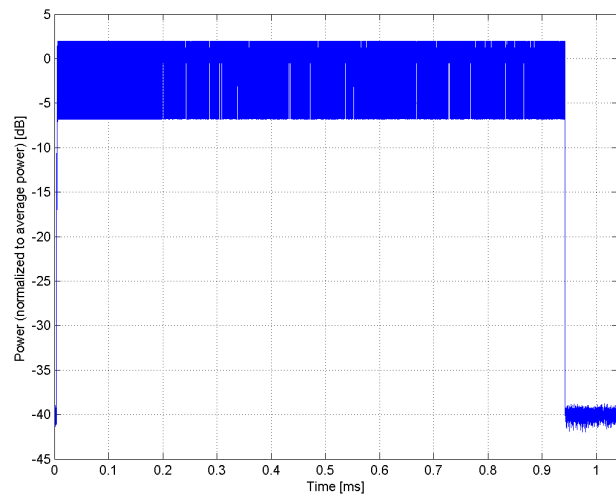
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

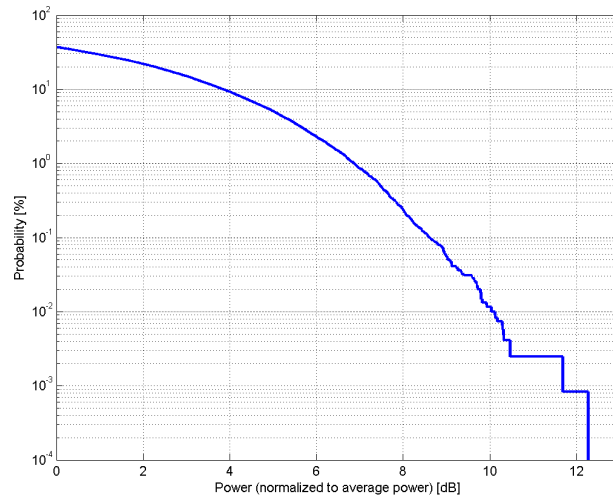
Group: WLAN
UID: 10575-AAA

PAR: ¹ **8.59 dB**
MIF: ² **-6.10 dB**

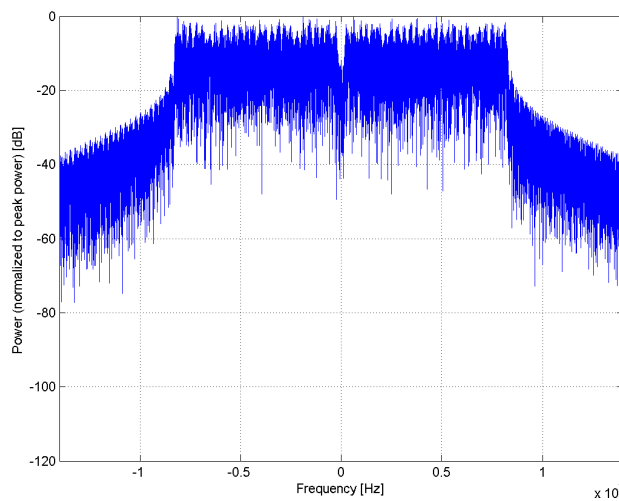
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: BPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 6Mbps
Preamble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

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

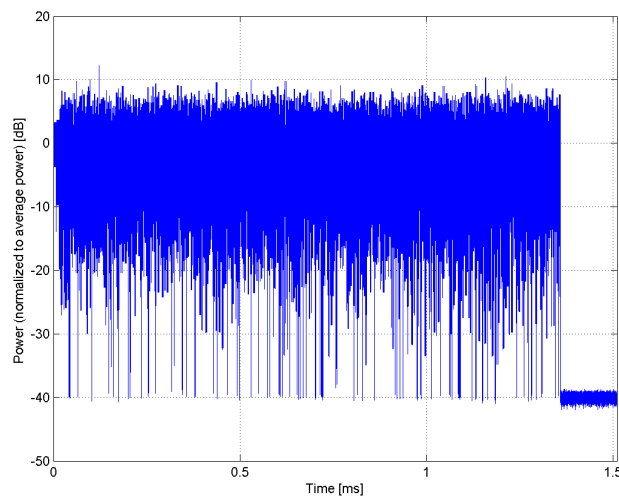
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

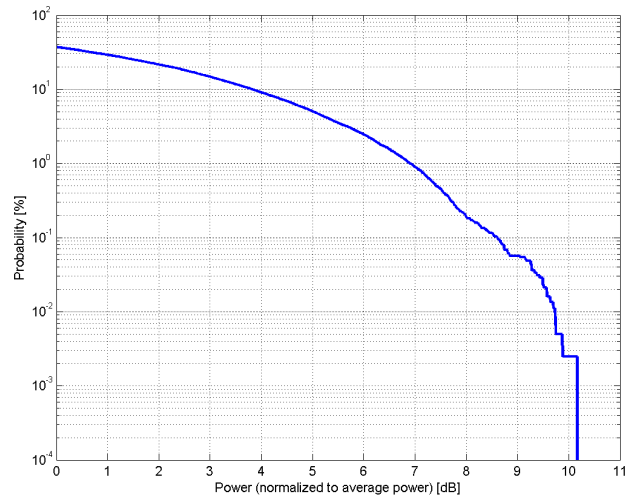
Group: WLAN
UID: 10576-AAA

PAR: ¹ **8.60 dB**
MIF: ² **-6.64 dB**

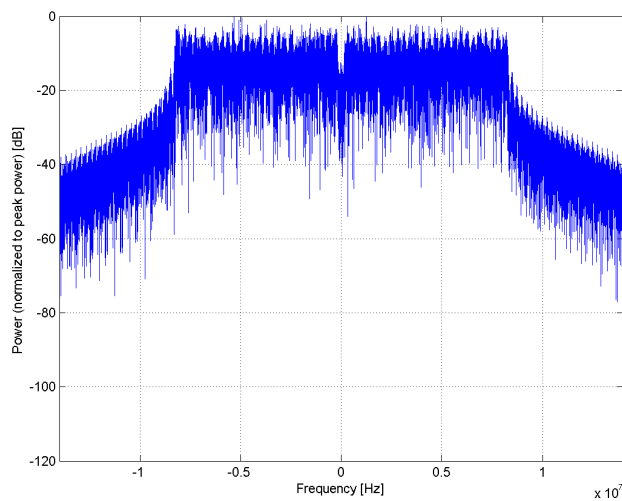
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: BPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 9Mbps
Preamble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

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

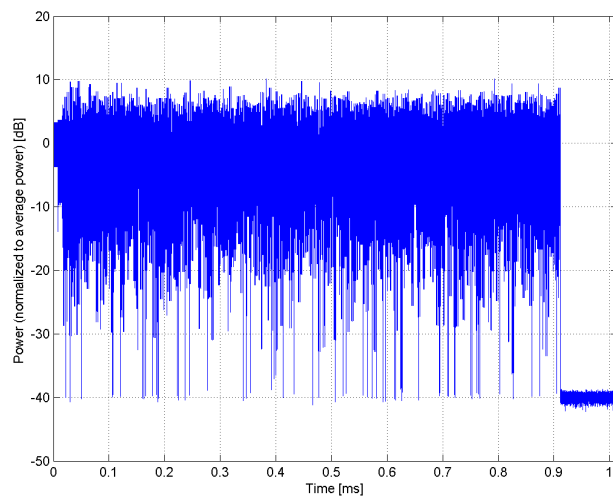
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

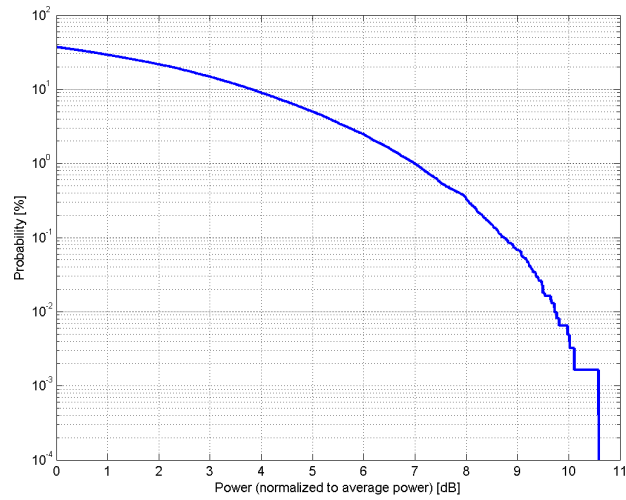
Group: WLAN
UID: 10577-AAA

PAR: ¹ **8.70 dB**
MIF: ² **-7.19 dB**

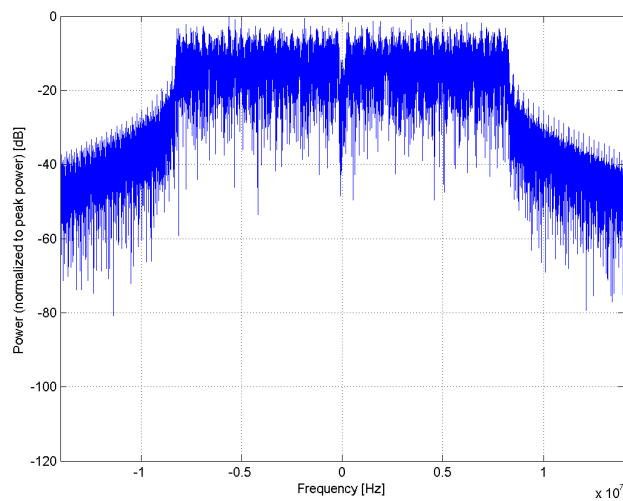
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 12Mbps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

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

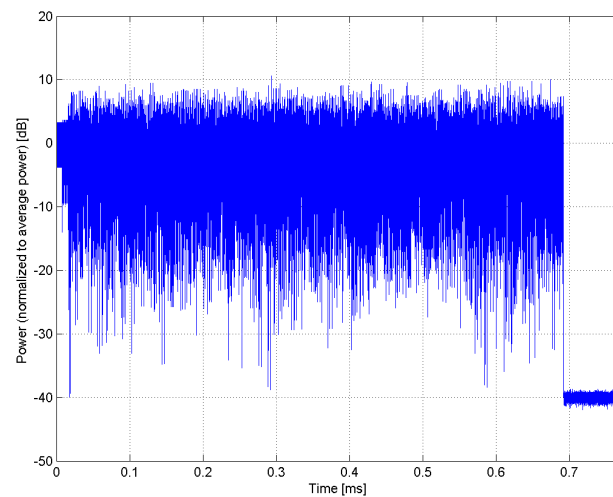
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

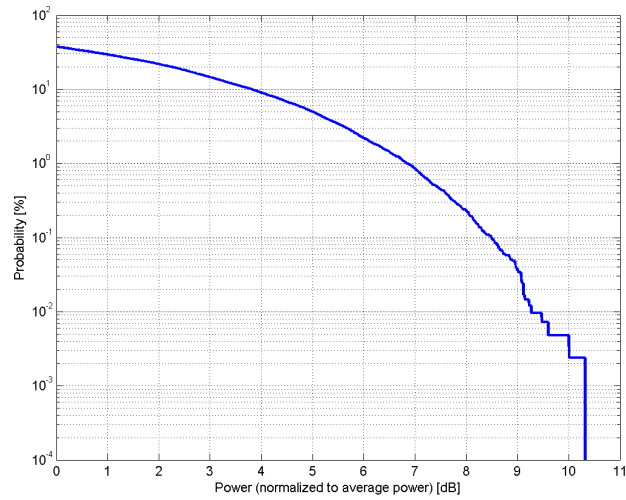
Group: WLAN
UID: 10578-AAA

PAR: ¹ **8.49 dB**
MIF: ² **-8.19 dB**

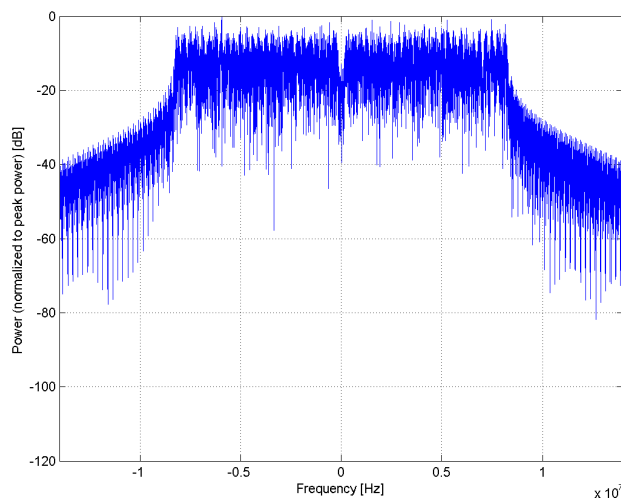
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 18Mbps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

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

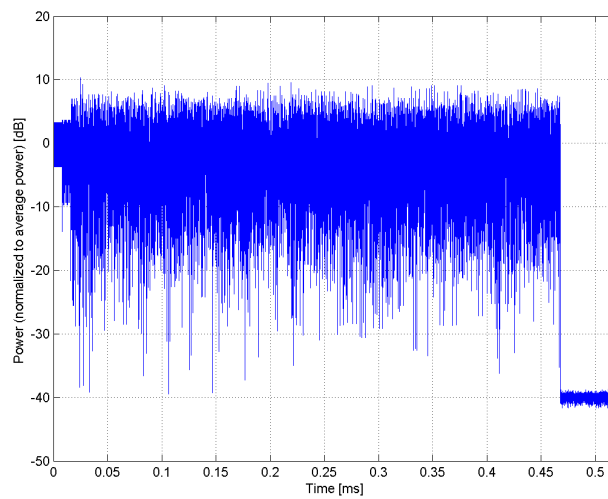
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

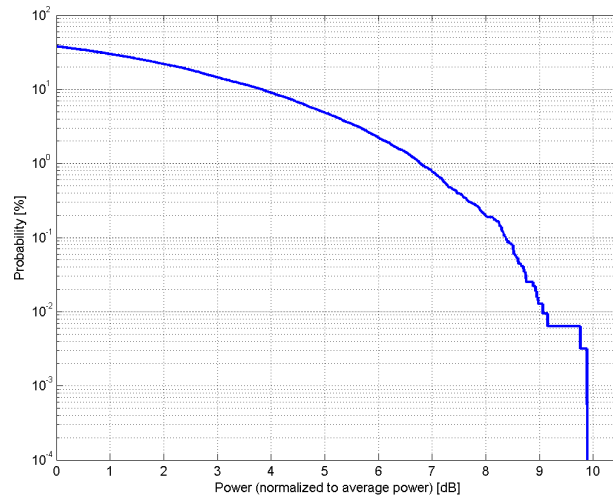
Group: WLAN
UID: 10579-AAA

PAR: ¹ **8.36 dB**
MIF: ² **-9.30 dB**

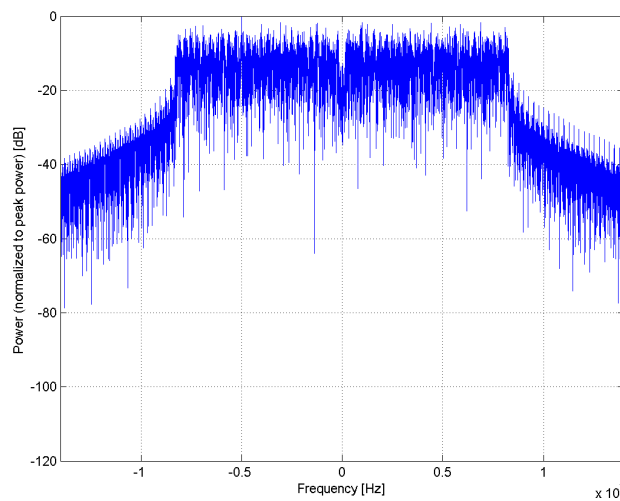
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 24Mbps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

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

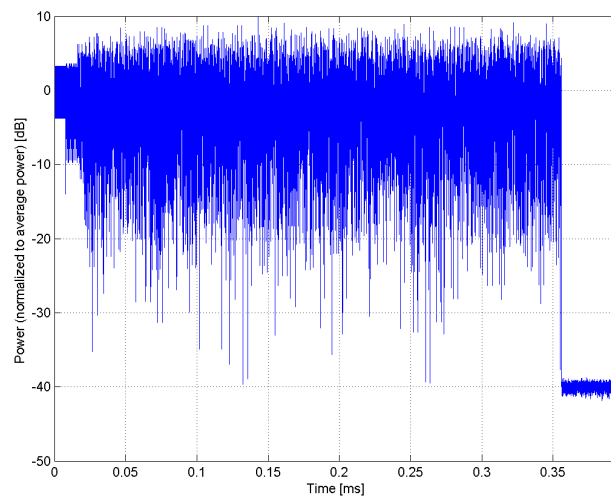
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

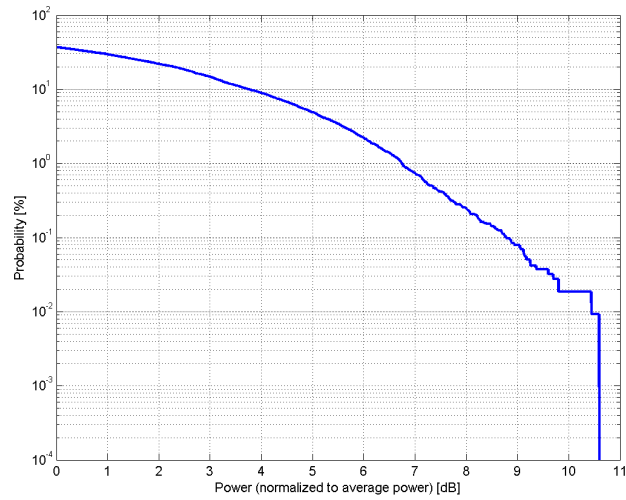
Group: WLAN
UID: 10580-AAA

PAR: ¹ **8.76 dB**
MIF: ² **-11.10 dB**

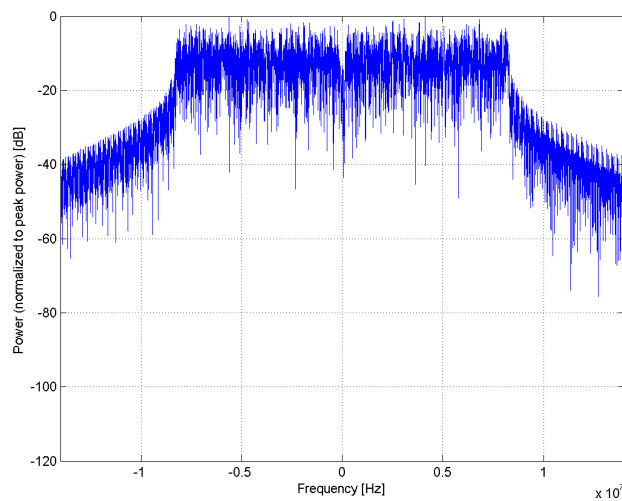
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 36Mbps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

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

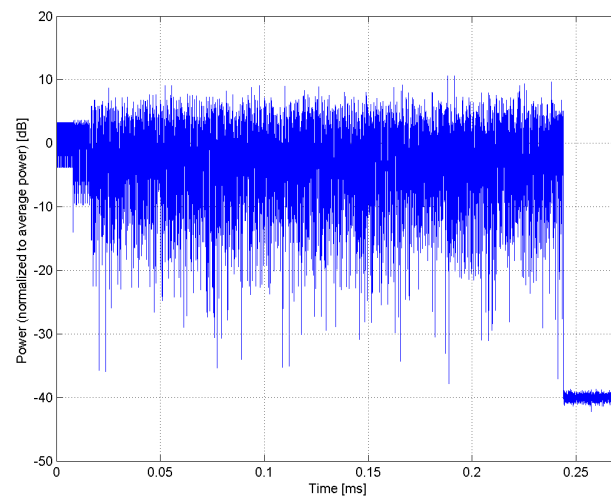
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

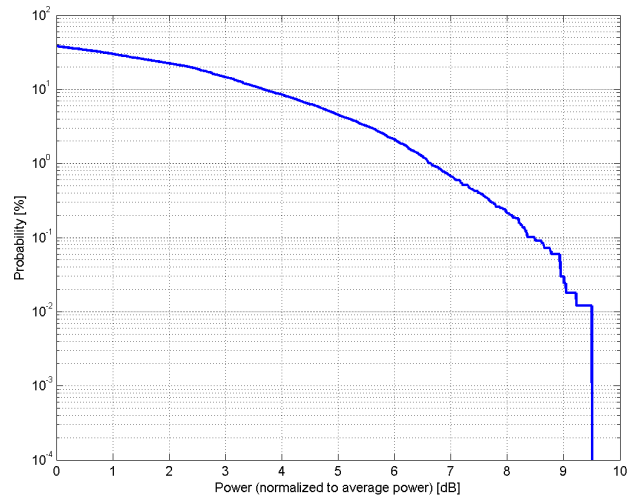
Group: WLAN
UID: 10581-AAA

PAR: ¹ **8.35 dB**
MIF: ² **-12.77 dB**

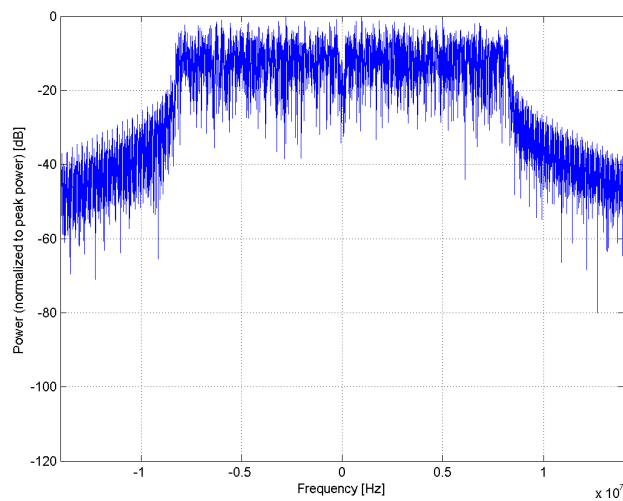
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 48Mbps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

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

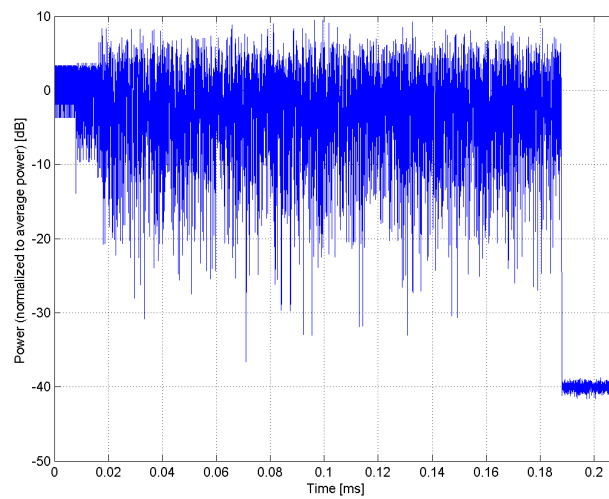
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

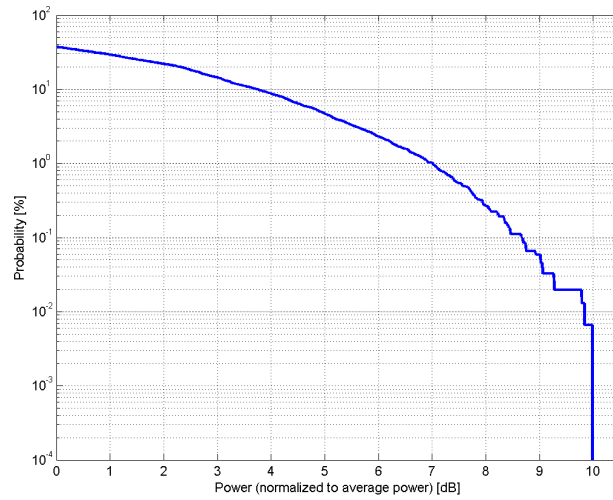
Group: WLAN
UID: 10582-AAA

PAR: ¹ **8.67 dB**
MIF: ² **-13.22 dB**

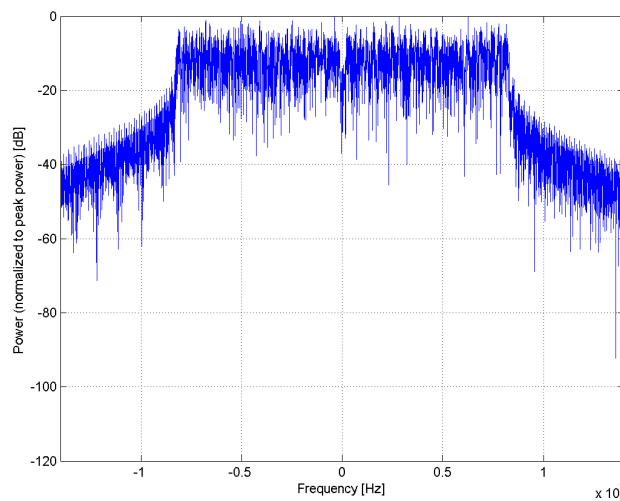
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)
Detailed Specification: Duty cycle: 90 %
PSDU length: 1000 bytes
Frame format: DSSS-OFDM
Data Rate: 54Mbps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

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

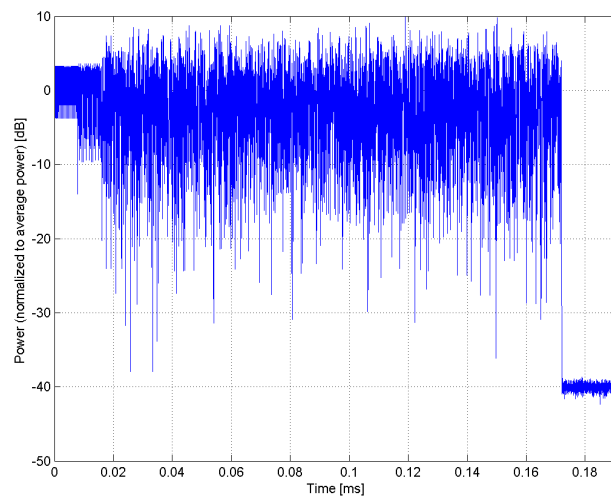
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



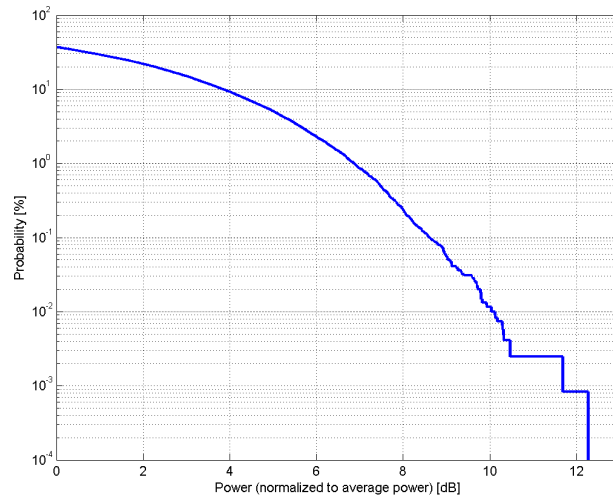
Time Domain

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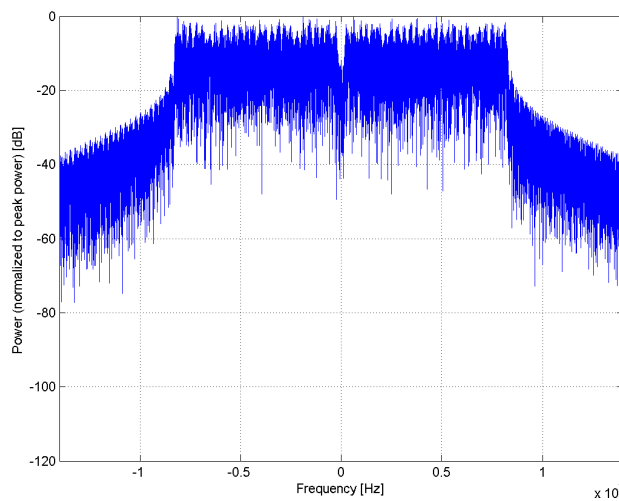
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10583-AAB |
| PAR: ¹ | 8.59 dB |
| MIF: ² | -6.10 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | BPSK |
| Frequency Band: | 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% PSDU length: 1000 bytes Data Rate: 6Mbps |
| Bandwidth: | 20.0 MHz |
| Integration Time: | 1.5 ms |

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

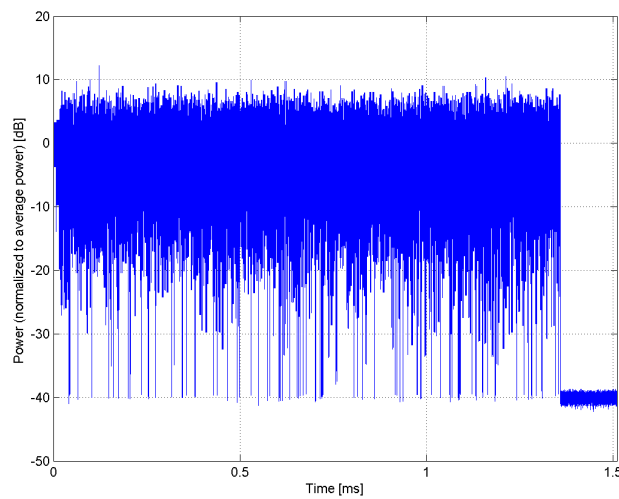
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



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-AAB

PAR: ¹ **8.60 dB**
MIF: ² **-6.64 dB**

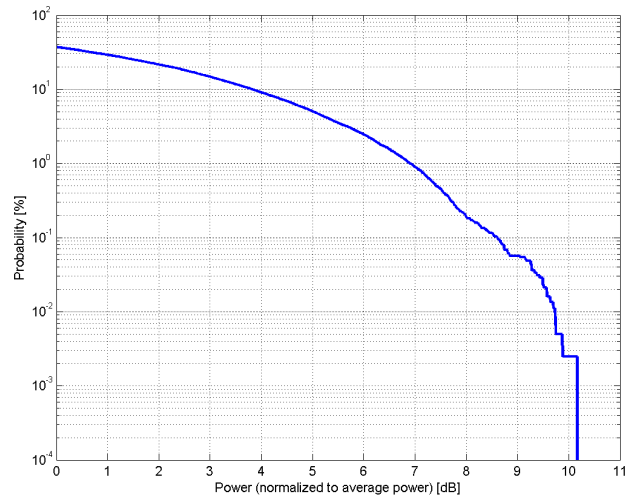
Standard Reference: IEEE 802.11-2012
Category: FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation: Random amplitude modulation
BPSK
Frequency Band: WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Duty cycle: 90%
PSDU length: 1000 bytes

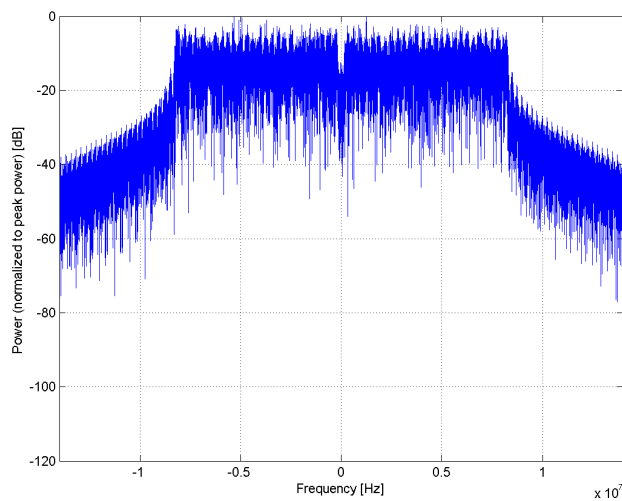
Bandwidth: Data Rate: 9Mbps
20.0 MHz
Integration Time: 1.0 ms

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

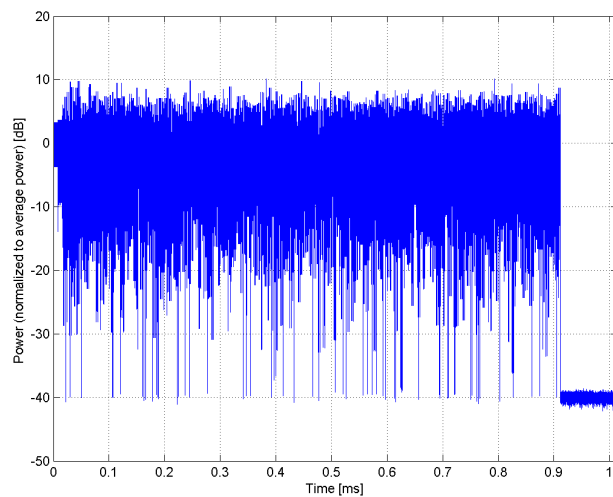
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



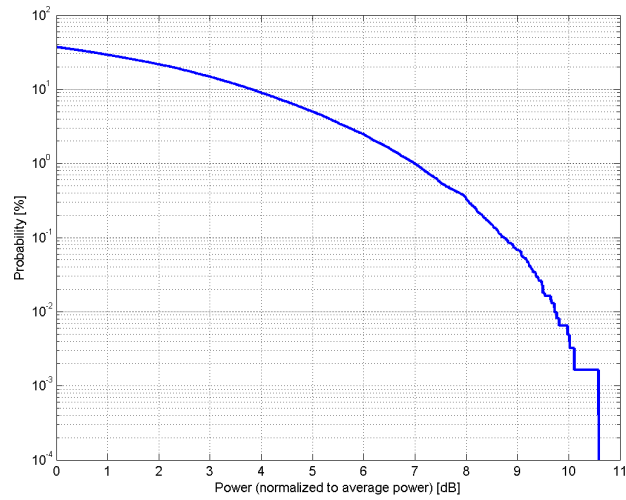
Time Domain

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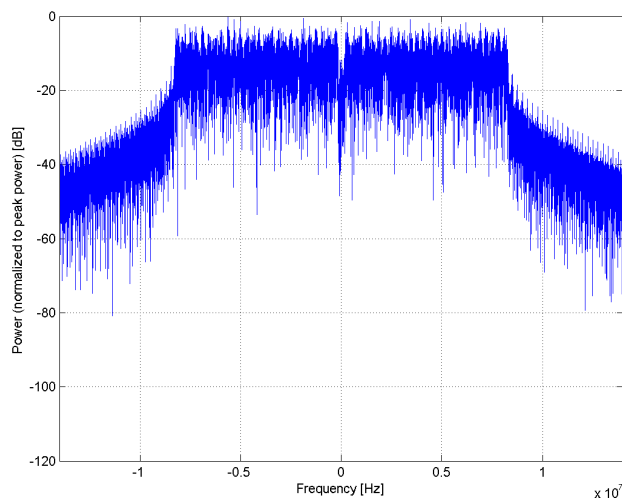
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10585-AAB |
| PAR: ¹ | 8.70 dB |
| MIF: ² | -7.19 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random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

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

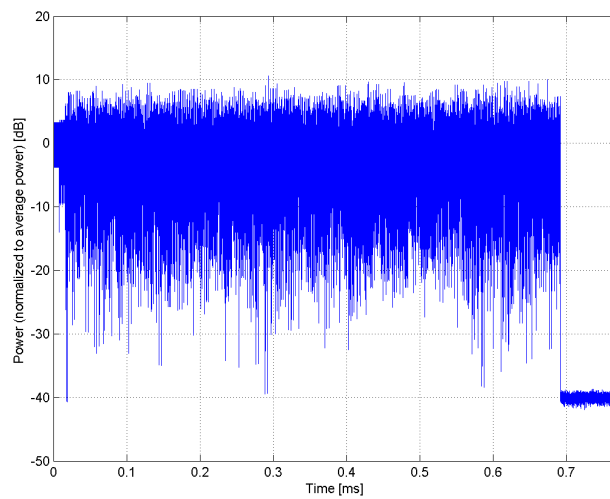
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



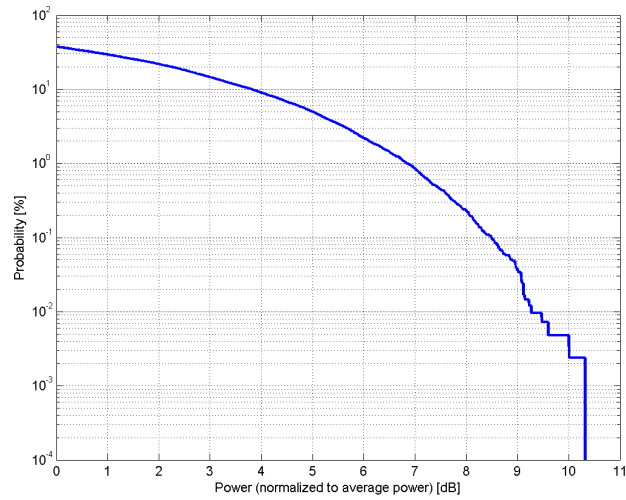
Time Domain

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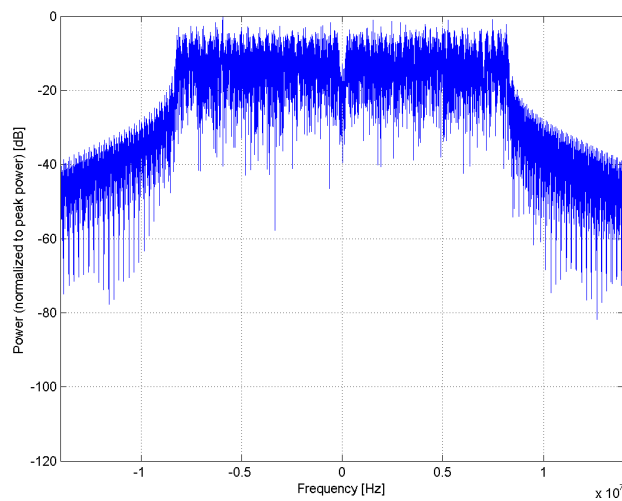
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10586-AAB |
| PAR: ¹ | 8.49 dB |
| MIF: ² | -8.19 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 |
| Modulation: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

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

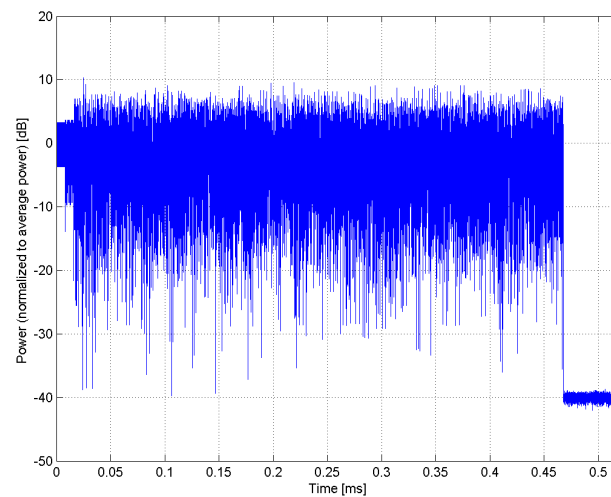
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



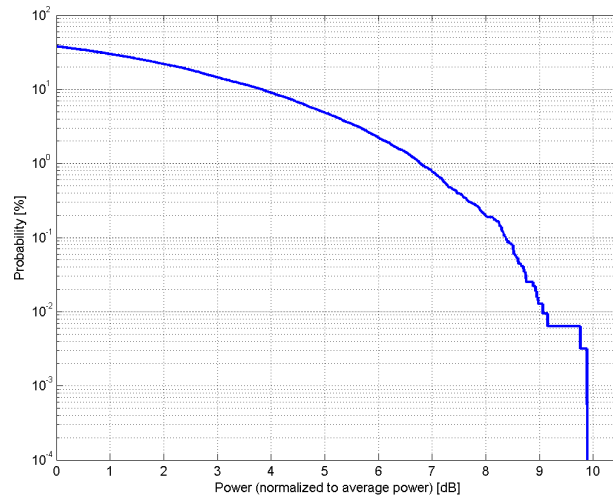
Time Domain

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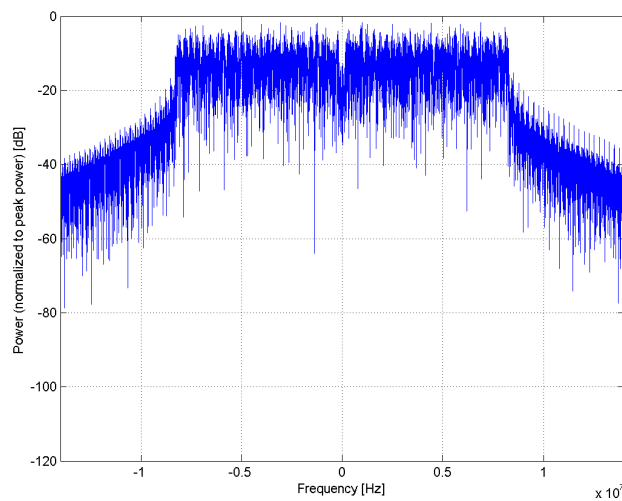
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10587-AAB |
| PAR: ¹ | 8.36 dB |
| MIF: ² | -9.30 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random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

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

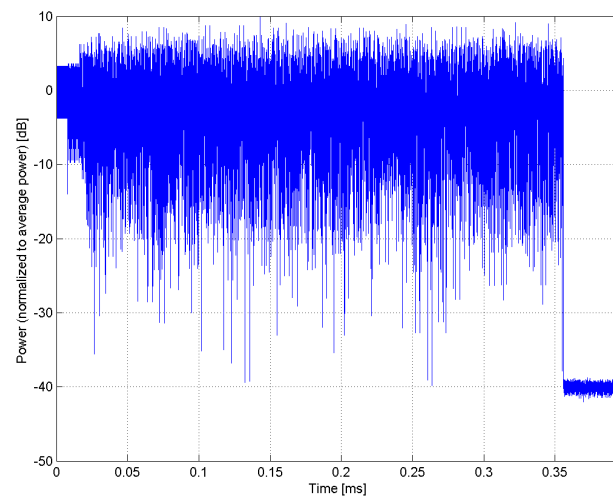
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



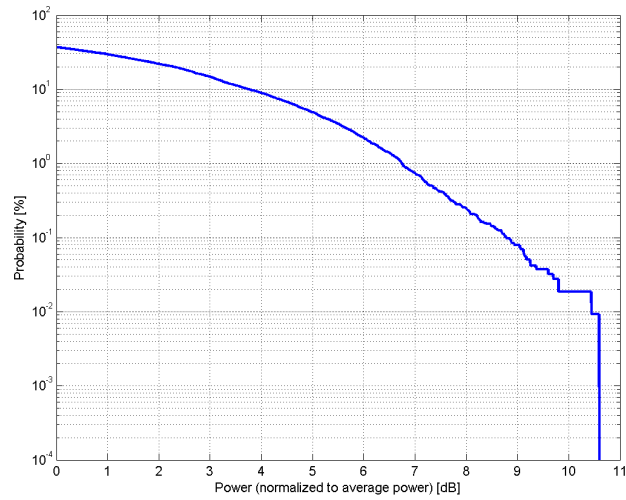
Time Domain

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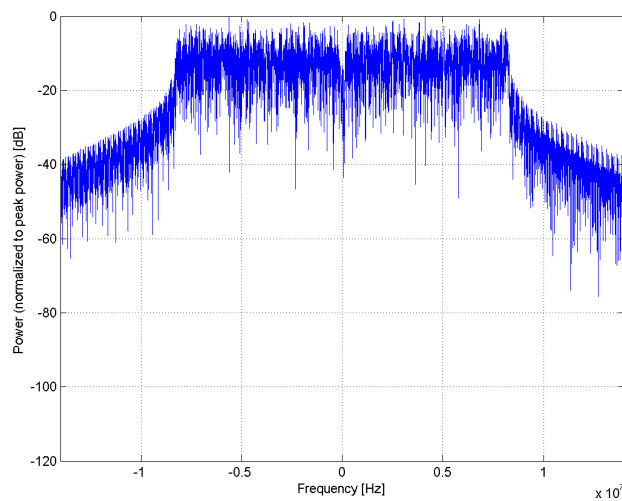
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10588-AAB |
| PAR: ¹ | 8.76 dB |
| MIF: ² | -11.10 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random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

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

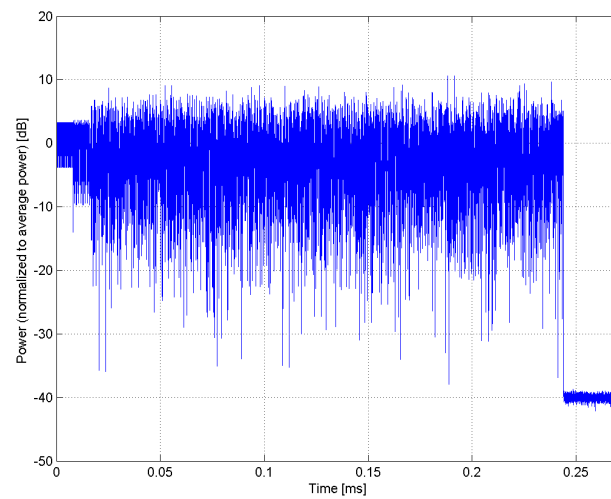
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



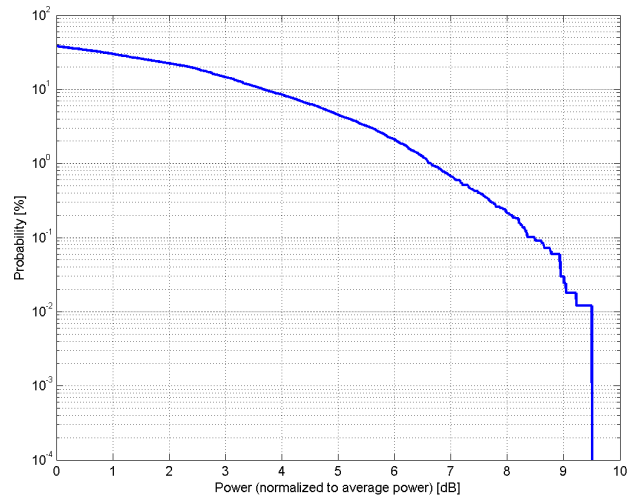
Time Domain

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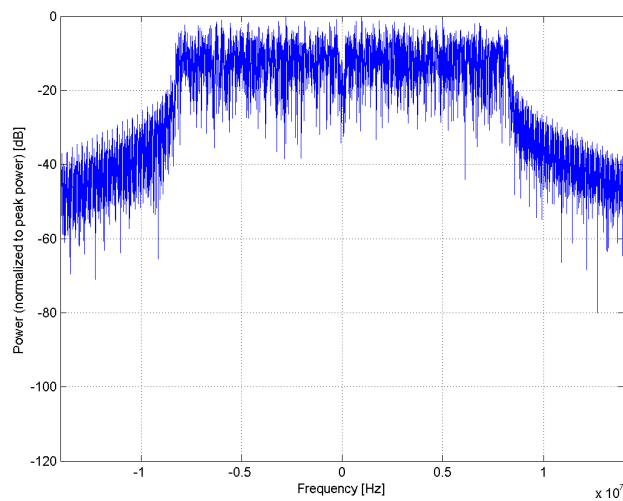
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10589-AAB |
| PAR: ¹ | 8.35 dB |
| MIF: ² | -12.77 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random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

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

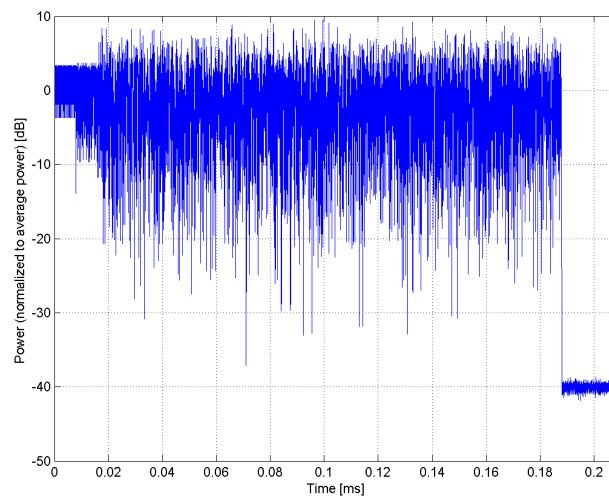
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



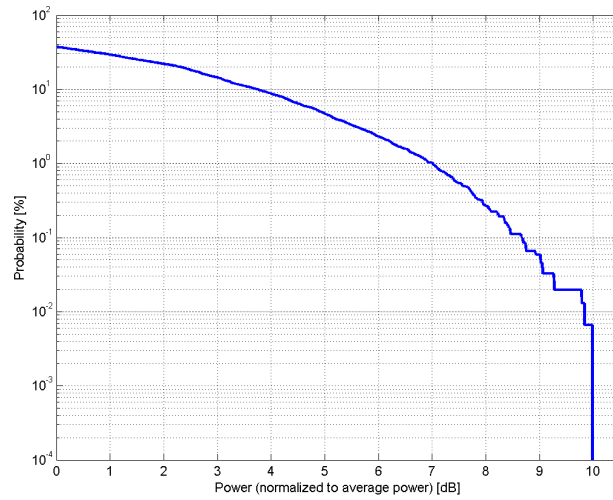
Time Domain

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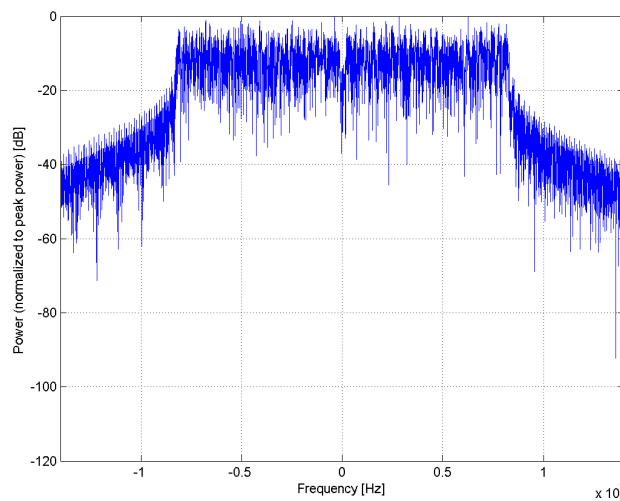
| | |
|-------------------------|--|
| Name: | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10590-AAB |
| PAR: ¹ | 8.67 dB |
| MIF: ² | -13.22 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation |
| Modulation: | 64-QAM |
| Frequency Band: | 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% PSDU length: 1000 bytes Data Rate: 54Mbps |
| Bandwidth: | 20.0 MHz |
| Integration Time: | 0.2ms |

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

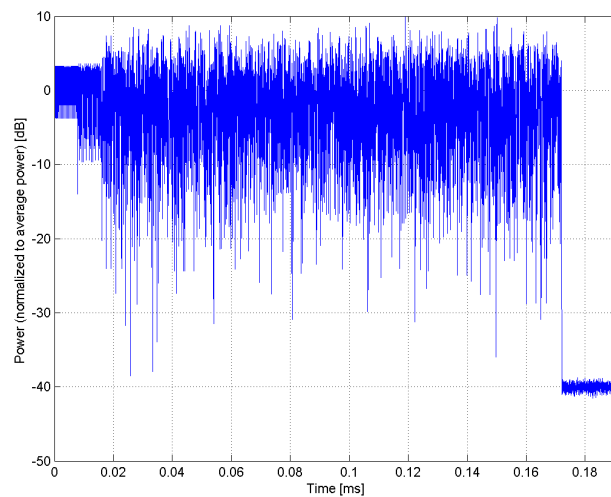
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



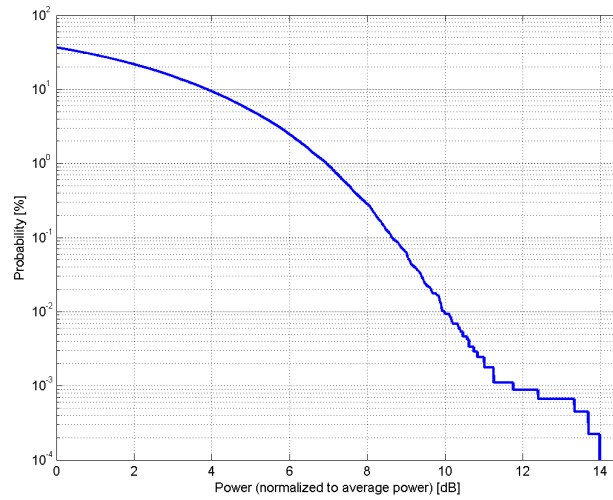
Time Domain

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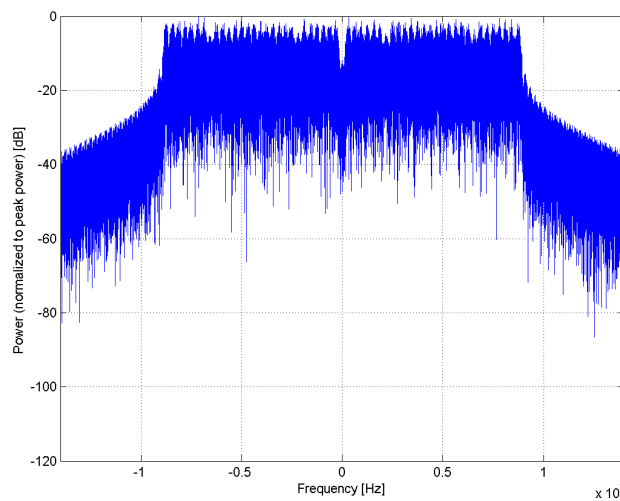
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10591-AAB |
| PAR: ¹ | 8.63 dB |
| MIF: ² | -5.59 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

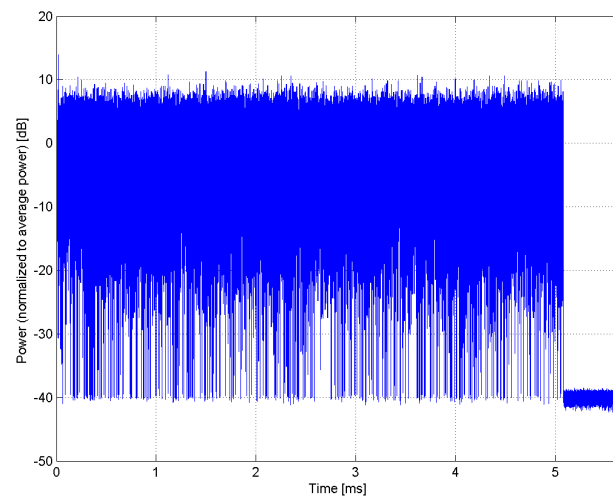
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



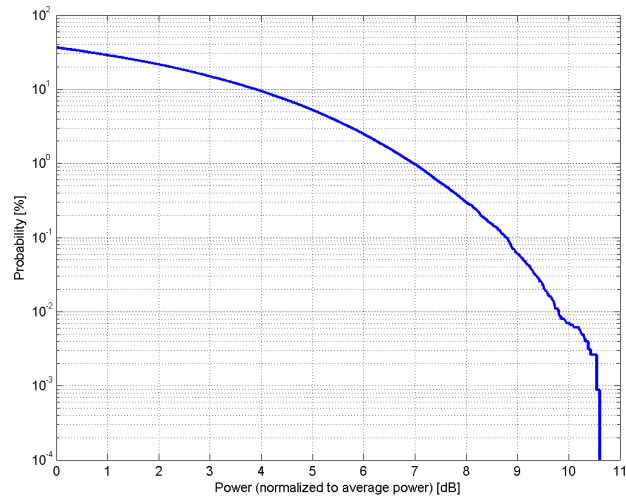
Time Domain

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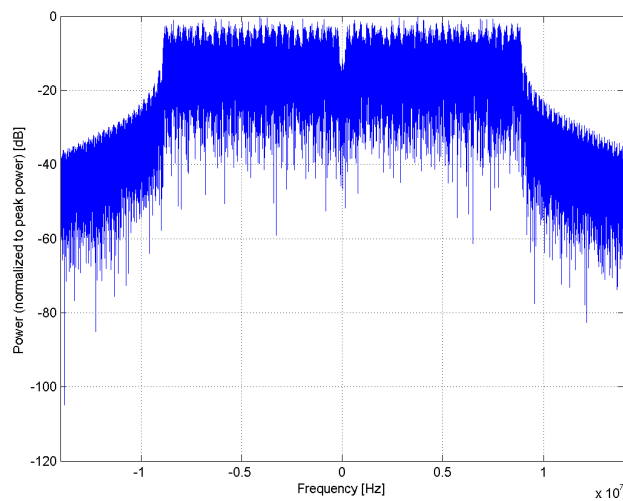
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10592-AAB |
| PAR: ¹ | 8.79 dB |
| MIF: ² | -5.61 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 1 |
| Bandwidth: | Guard interval: long 20.0 MHz |
| Integration Time: | 2.8 ms |

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

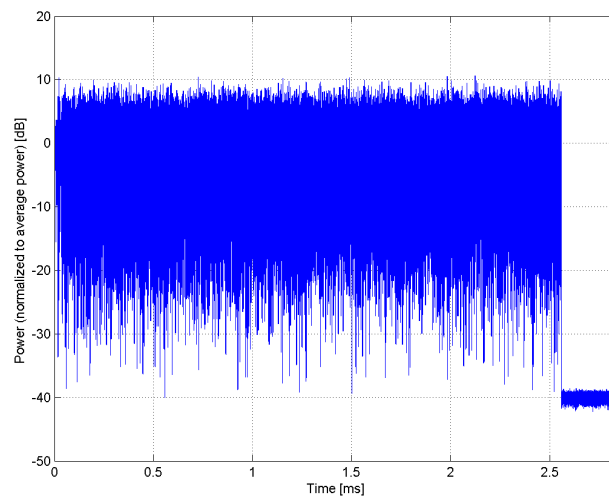
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



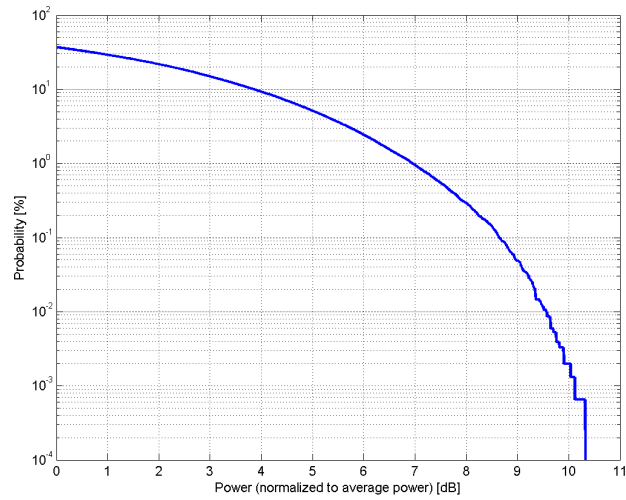
Time Domain

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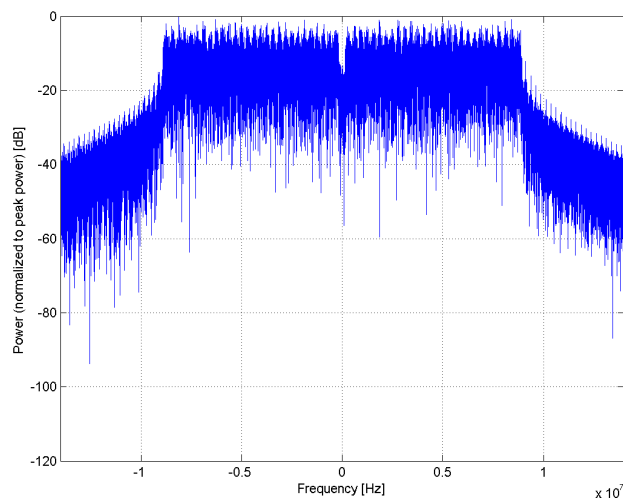
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10593-AAB |
| PAR: ¹ | 8.64 dB |
| MIF: ² | -5.84 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 |
| Modulation: | Random amplitude modulation |
| Frequency Band: | QPSK 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 2 |
| Bandwidth: | Guard interval: long 20.0 MHz |
| Integration Time: | 1.9 ms |

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

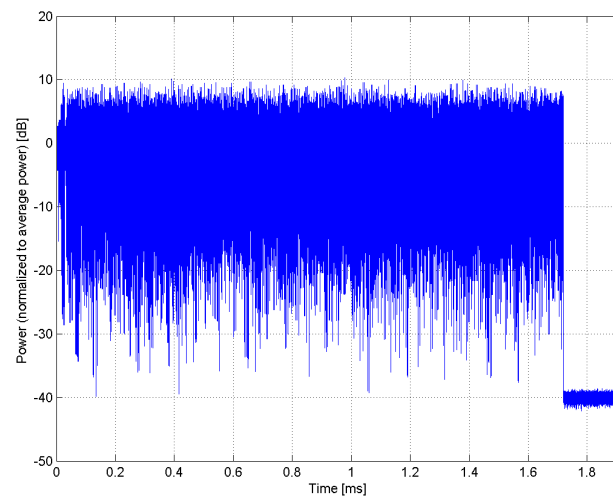
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



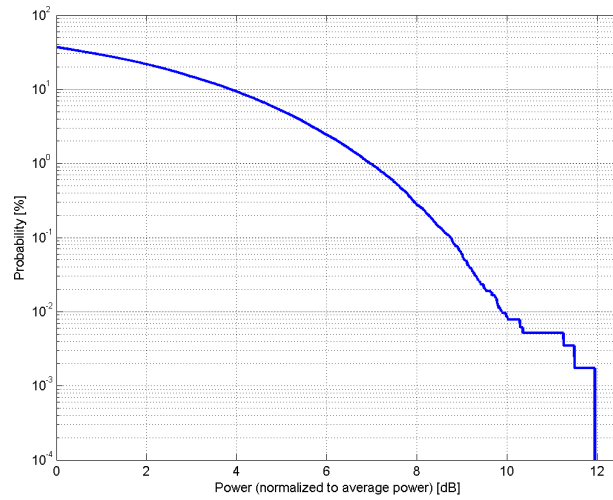
Time Domain

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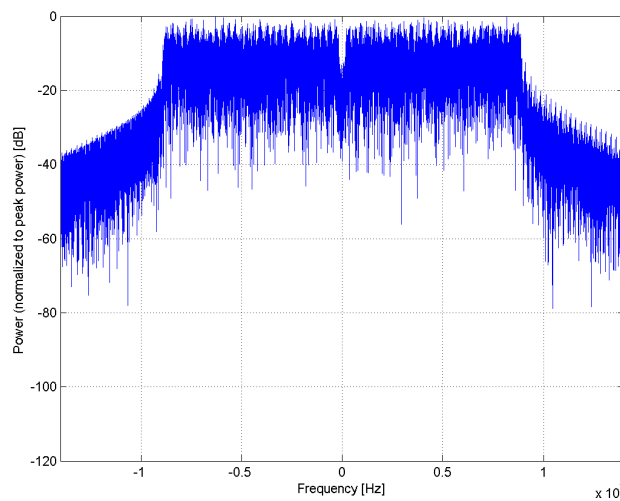
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10594-AAB |
| PAR: ¹ | 8.74 dB |
| MIF: ² | -6.17 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 3 |
| Bandwidth: | Guard interval: long 20.0 MHz |
| Integration Time: | 1.4 ms |

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

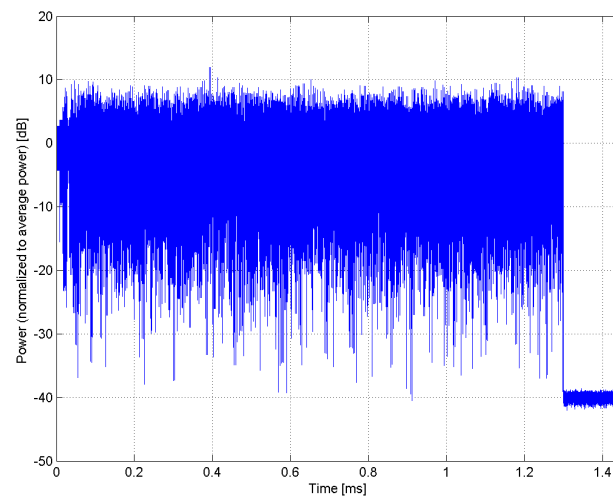
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



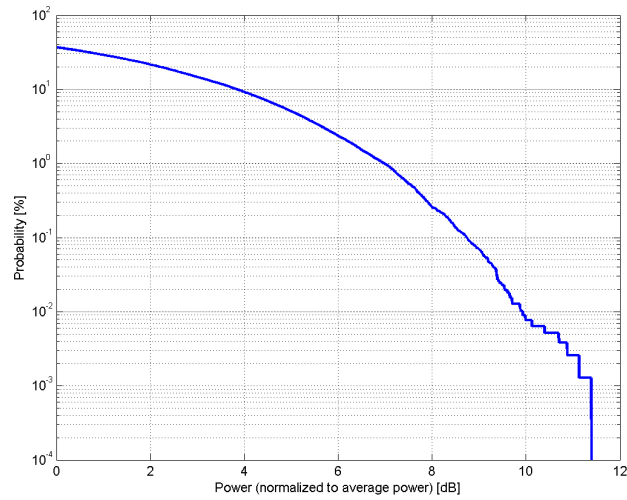
Time Domain

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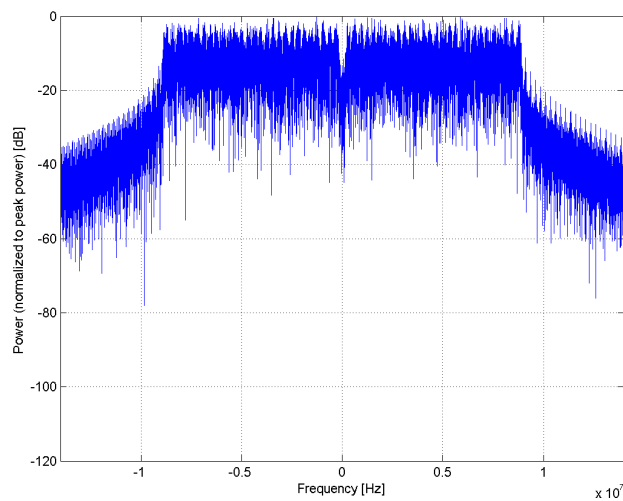
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10595-AAB |
| PAR: ¹ | 8.74 dB |
| MIF: ² | -6.72 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 4 |
| Bandwidth: | Guard interval: long 20.0 MHz |
| Integration Time: | 1.0 ms |

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

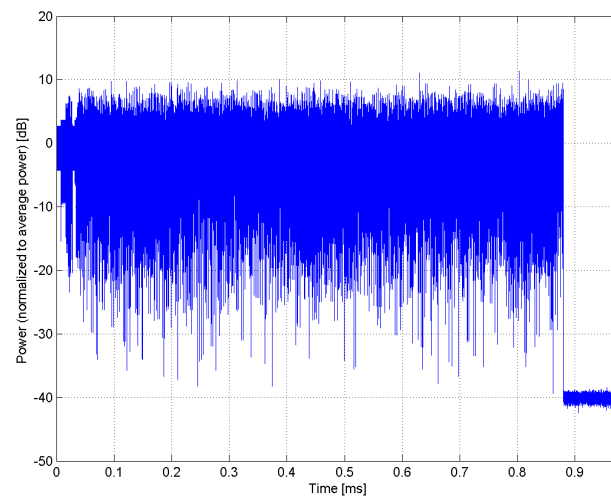
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



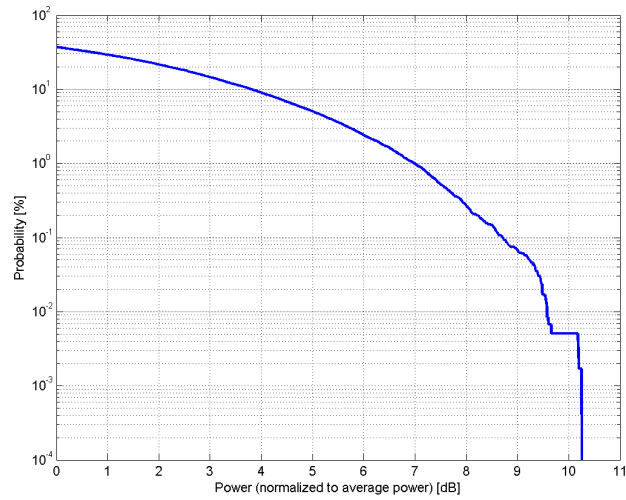
Time Domain

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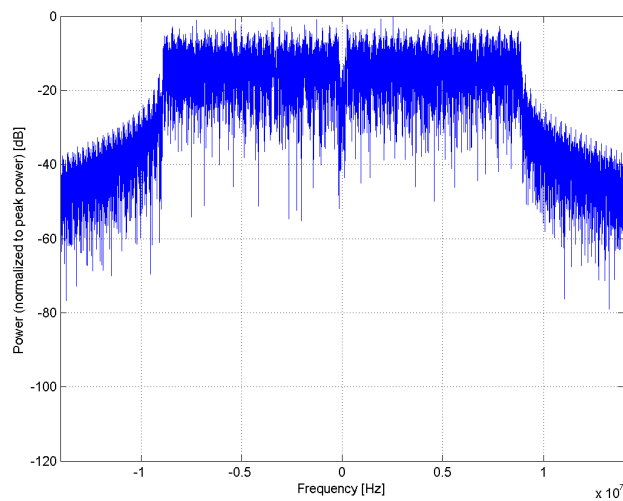
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10596-AAB |
| PAR: ¹ | 8.71 dB |
| MIF: ² | -7.25 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

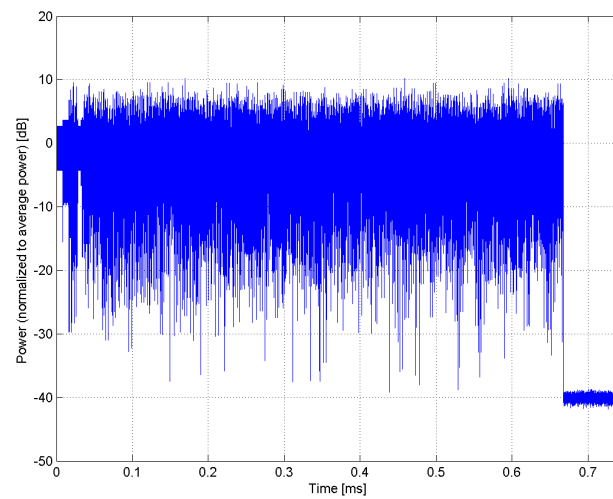
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



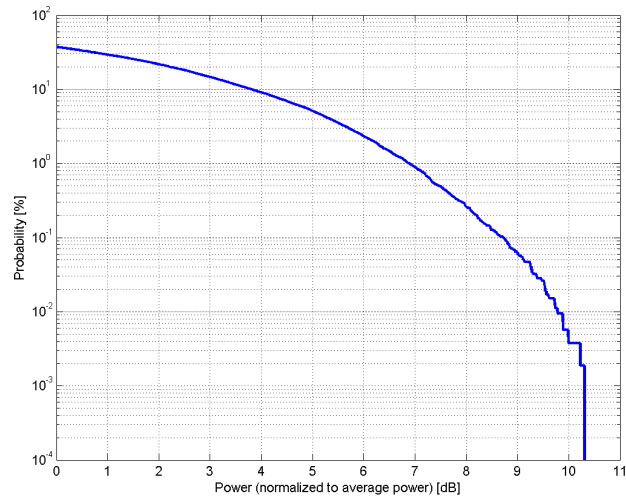
Time Domain

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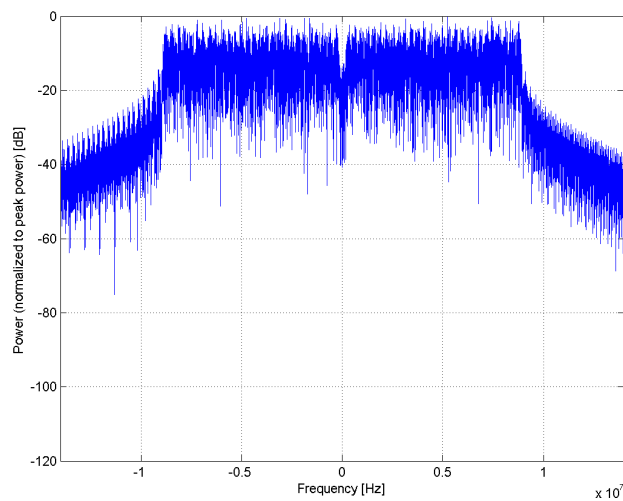
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10597-AAB |
| PAR: ¹ | 8.72 dB |
| MIF: ² | -7.54 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

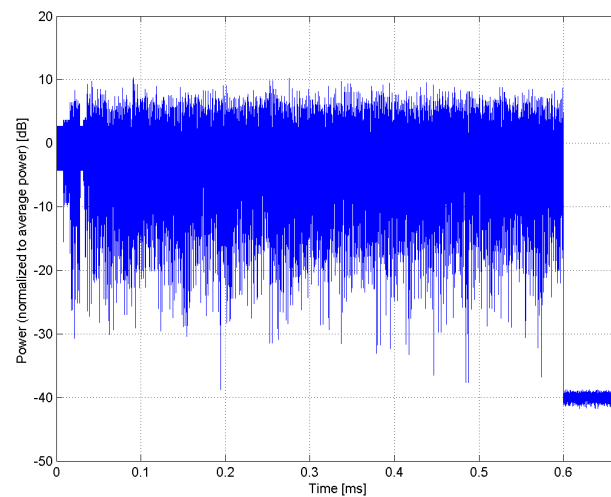
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



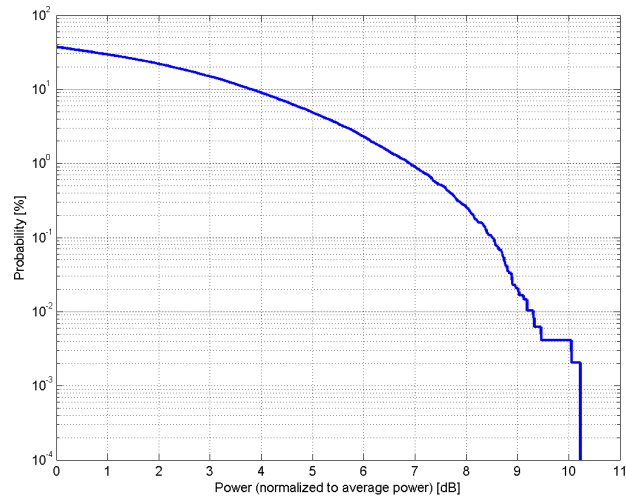
Time Domain

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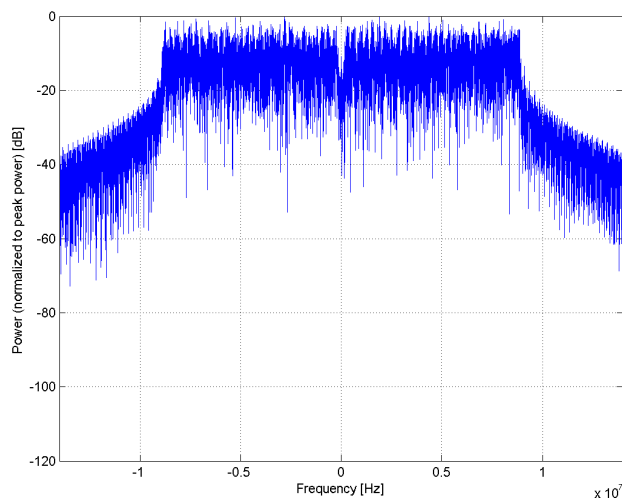
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10598-AAB |
| PAR: ¹ | 8.50 dB |
| MIF: ² | -7.86 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 7 |
| Bandwidth: | Guard interval: long 20.0 MHz |
| Integration Time: | 0.6 ms |

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

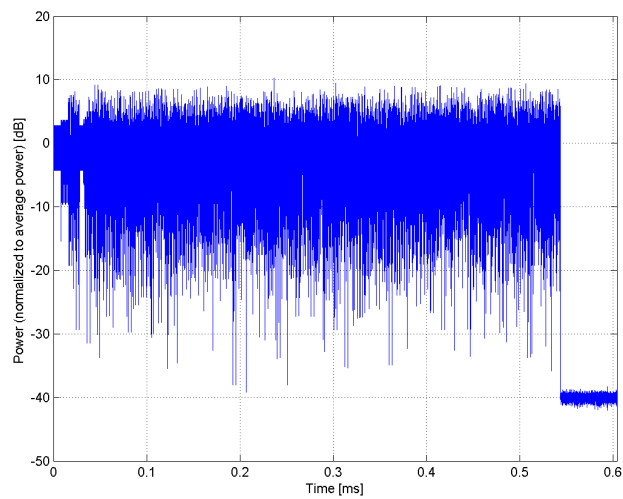
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



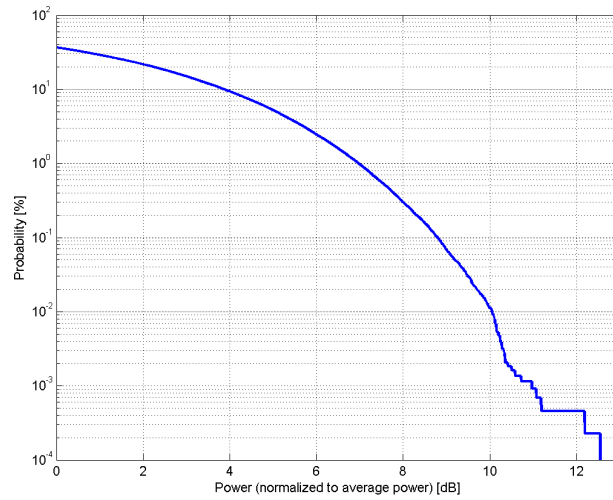
Time Domain

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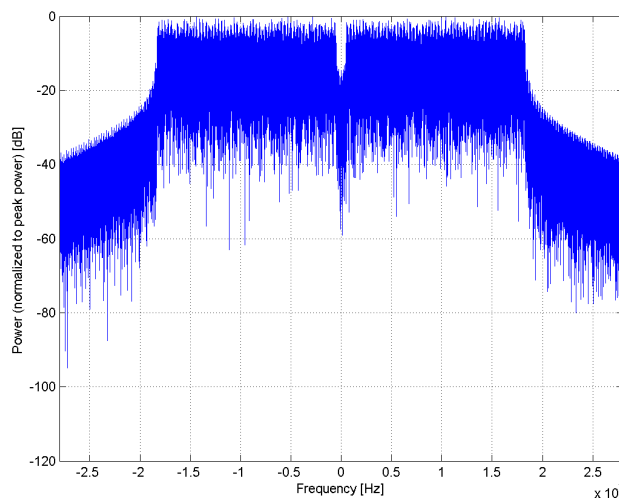
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10599-AAB |
| PAR: ¹ | 8.79 dB |
| MIF: ² | -5.59 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

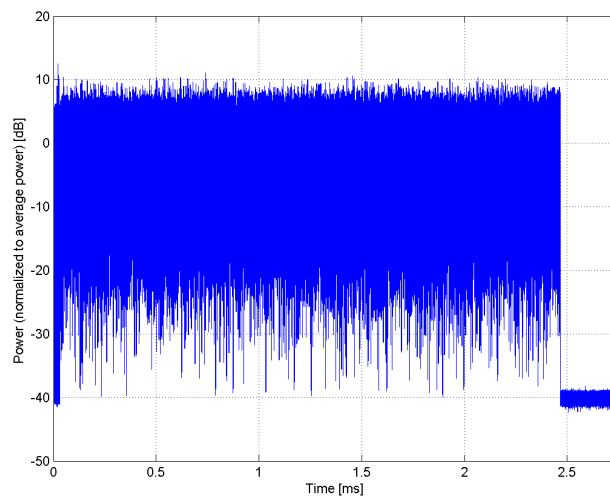
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



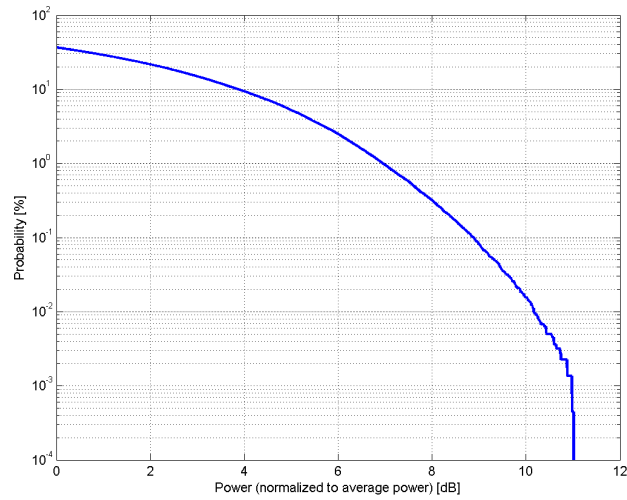
Time Domain

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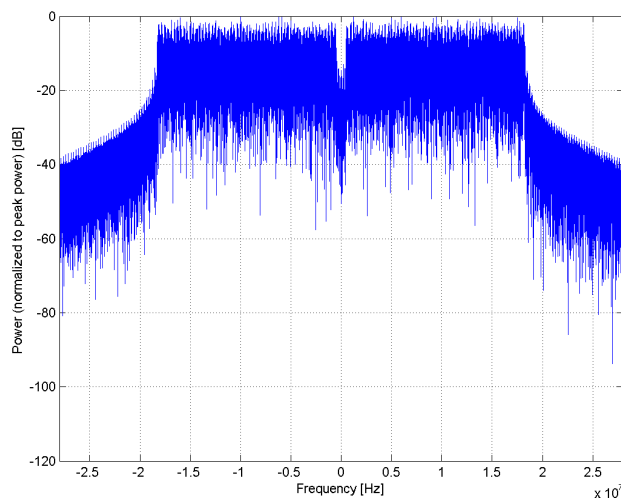
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10600-AAB |
| PAR: ¹ | 8.88 dB |
| MIF: ² | -6.06 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) Validation band (0.0 - 6000.0 MHz) |
| Detailed Specification: | Duty cycle: 90% MPDU length: 4096 bytes MCS: 1 |
| Bandwidth: | Guard interval: long 40.0 MHz |
| Integration Time: | 1.4 ms |

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

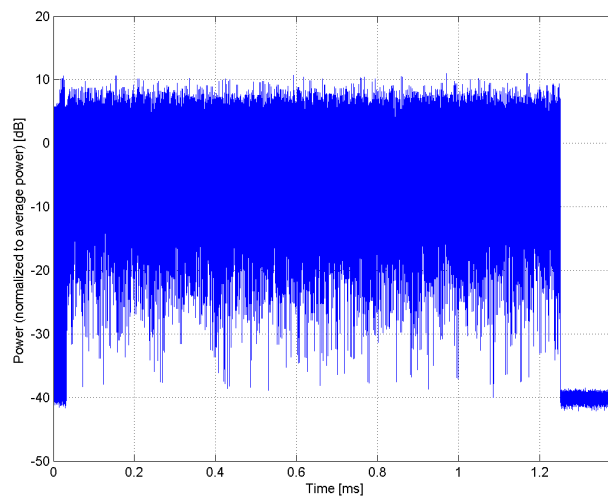
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



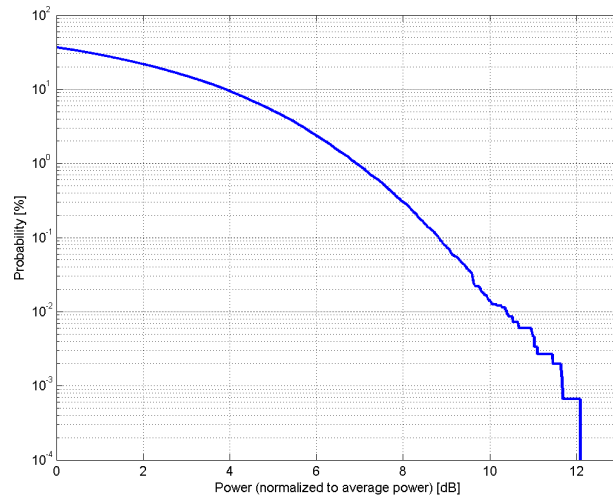
Time Domain

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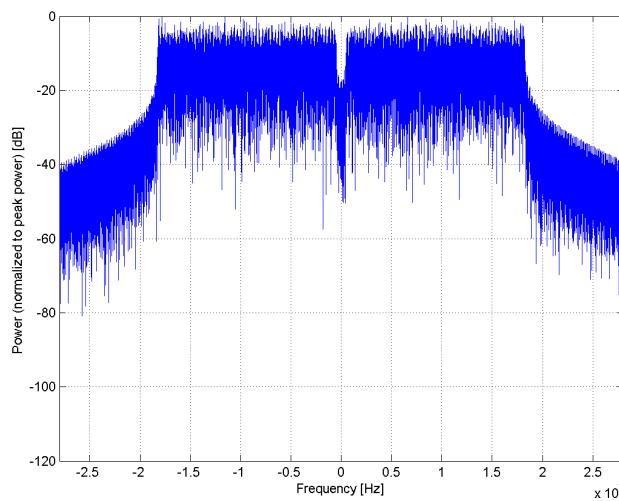
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10601-AAB |
| PAR: ¹ | 8.82 dB |
| MIF: ² | -6.59 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

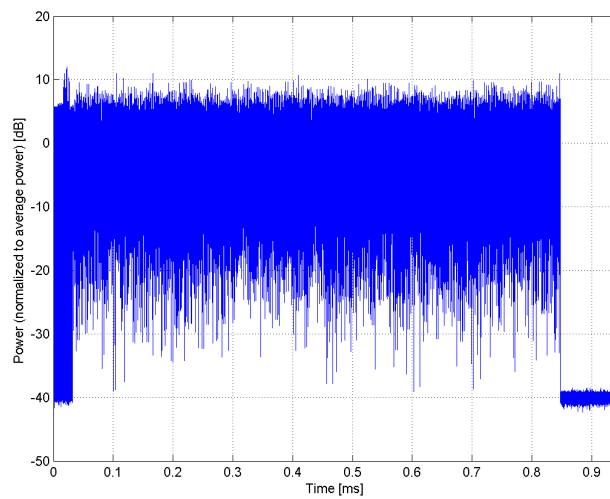
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



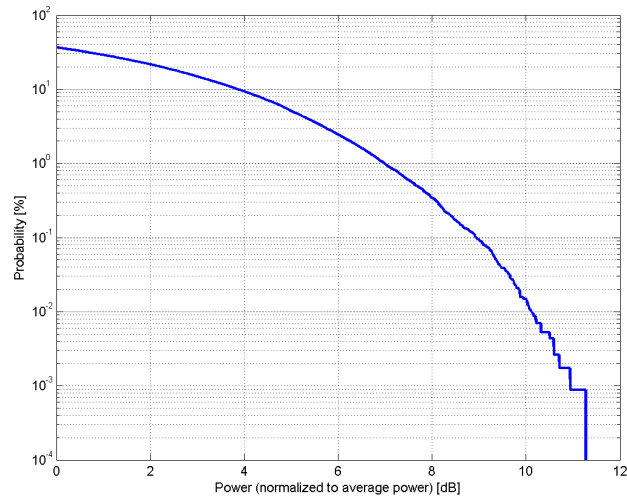
Time Domain

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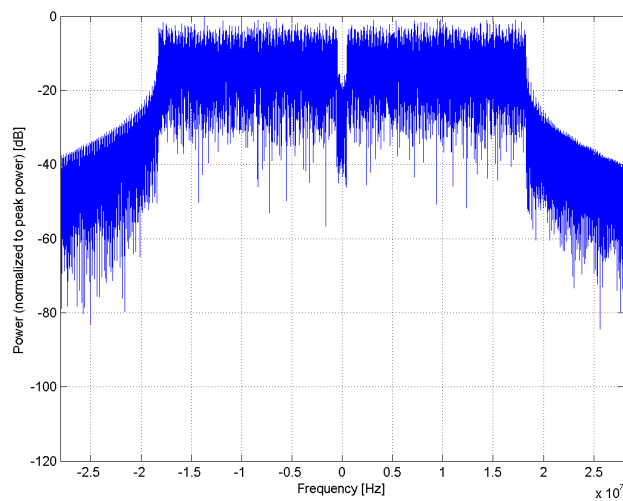
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10602-AAB |
| PAR: ¹ | 8.94 dB |
| MIF: ² | -7.17 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

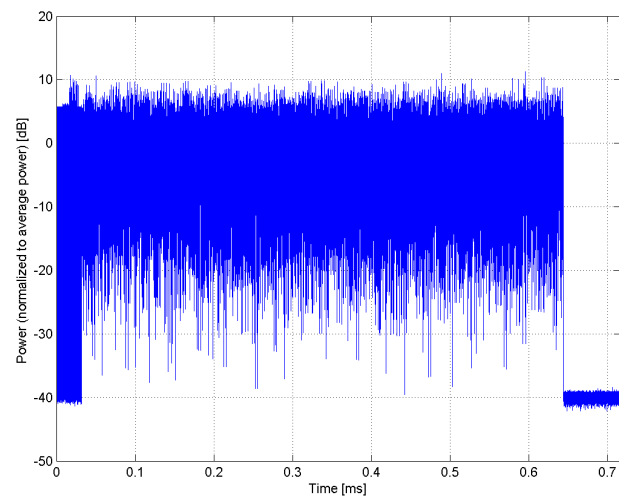
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



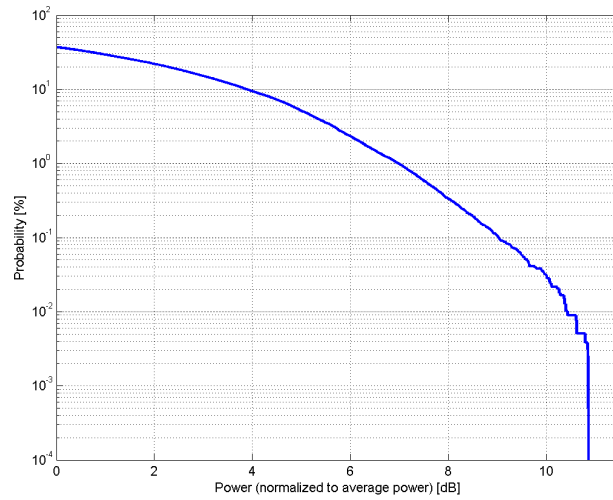
Time Domain

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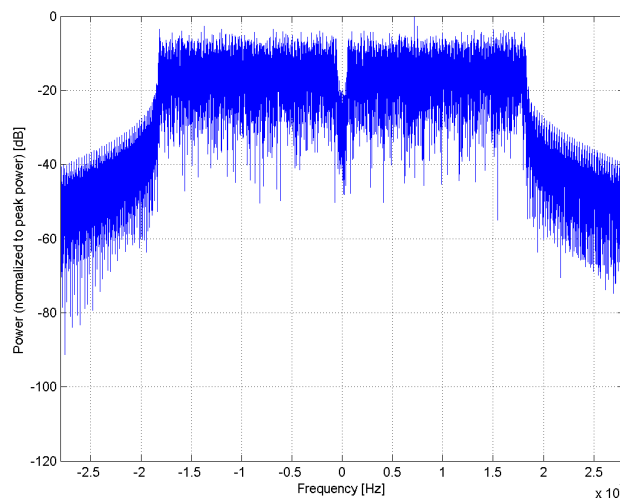
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10603-AAB |
| PAR: ¹ | 9.03 dB |
| MIF: ² | -8.03 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

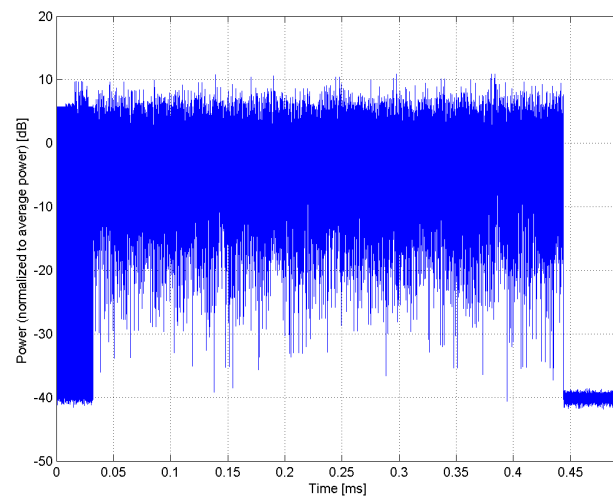
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



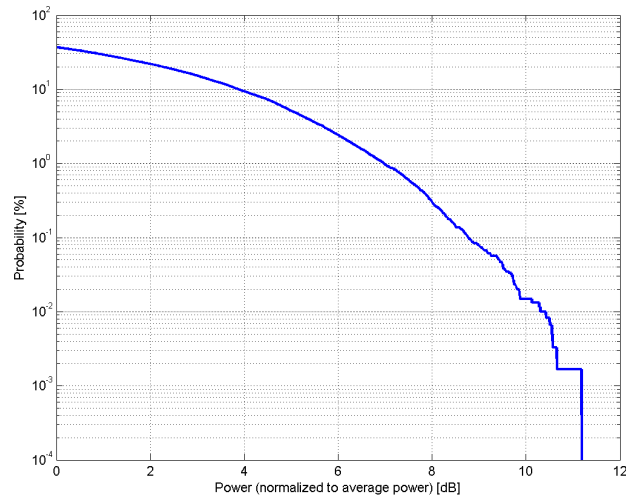
Time Domain

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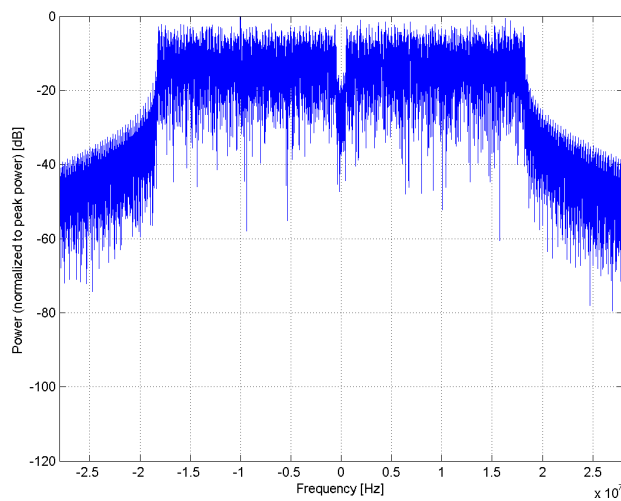
| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10604-AAB |
| PAR: ¹ | 8.76 dB |
| MIF: ² | -8.65 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude 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) 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 |

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

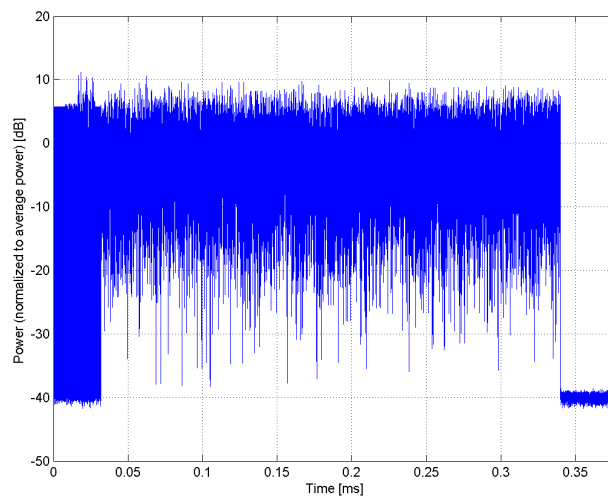
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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| | |
|-------------------------|---|
| Name: | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) |
| Group: | WLAN |
| UID: | 10605-AAB |
| PAR: ¹ | 8.97 dB |
| MIF: ² | -9.23 dB |
| Standard Reference: | IEEE 802.11-2012 |
| Category: | FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 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) 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 |

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

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