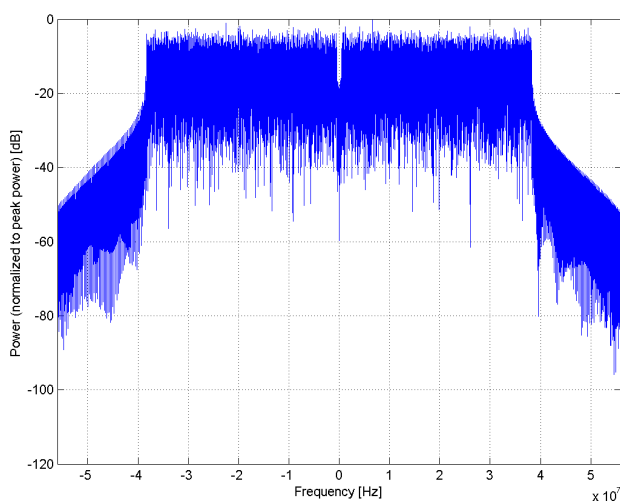
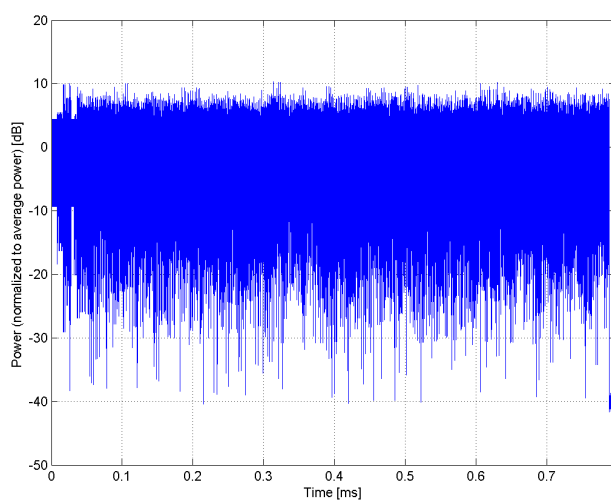


### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



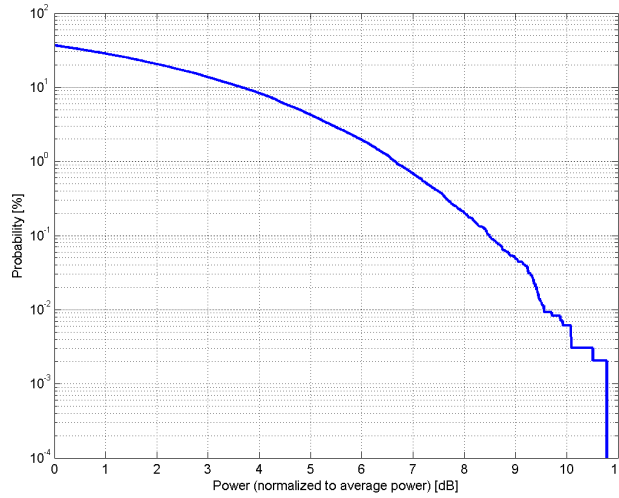
### Time Domain

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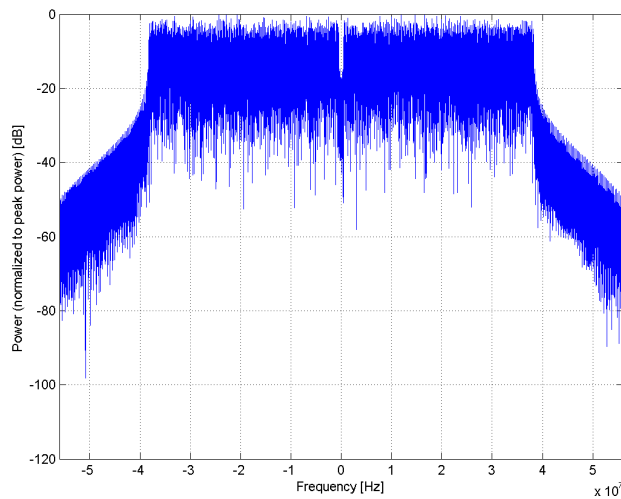
Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)</b>
Group:	WLAN
UID:	10547-AAB
PAR: <sup>1</sup>	<b>8.49 dB</b>
MIF: <sup>2</sup>	<b>-16.92 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
Frequency 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

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

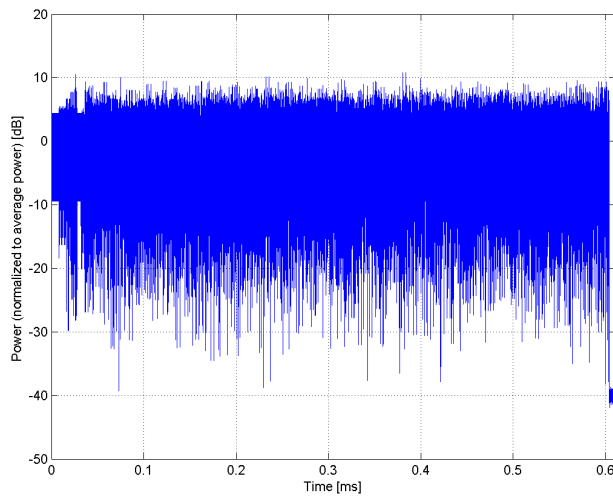
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



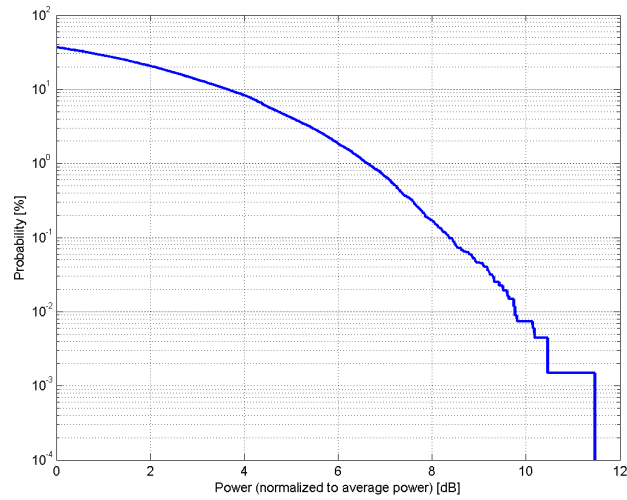
**Time Domain**

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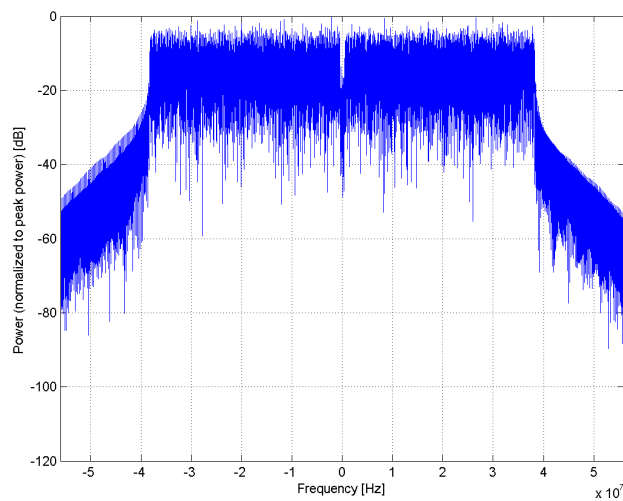
Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)</b>
Group:	WLAN
UID:	10548-AAB
PAR: <sup>1</sup>	<b>8.37 dB</b>
MIF: <sup>2</sup>	<b>-18.67 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
Frequency 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

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

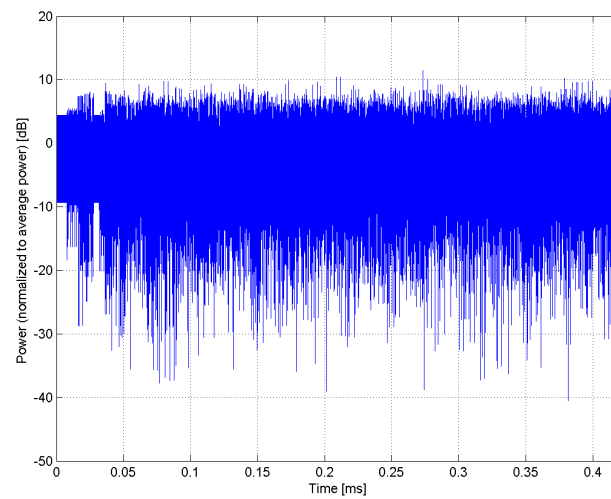
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



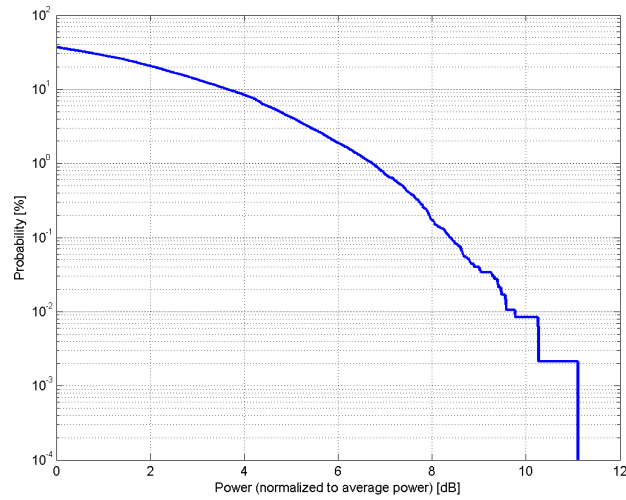
### Time Domain

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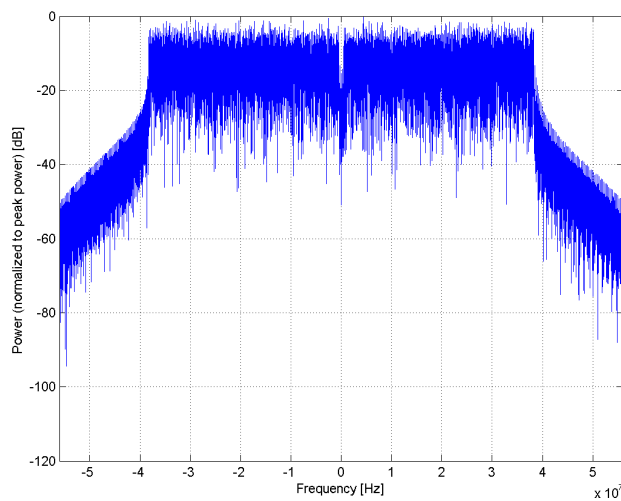
Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)</b>
Group:	WLAN
UID:	10550-AAB
PAR: <sup>1</sup>	<b>8.38 dB</b>
MIF: <sup>2</sup>	<b>-19.70 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	64-QAM
Frequency 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

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

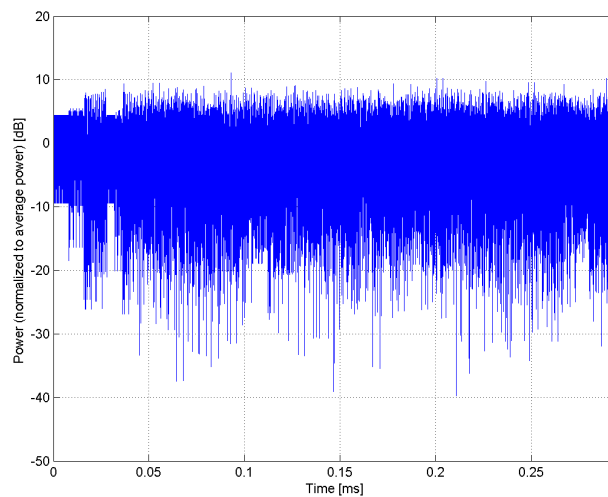
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

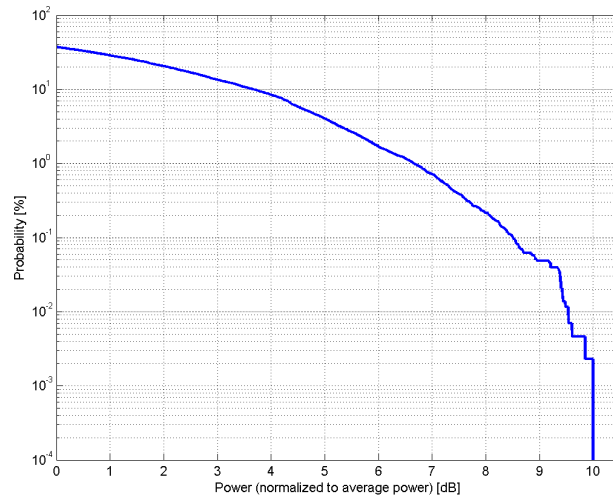
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Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)</b>
Group:	WLAN
UID:	10551-AAB
PAR: <sup>1</sup>	<b>8.50 dB</b>
MIF: <sup>2</sup>	<b>-19.55 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
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

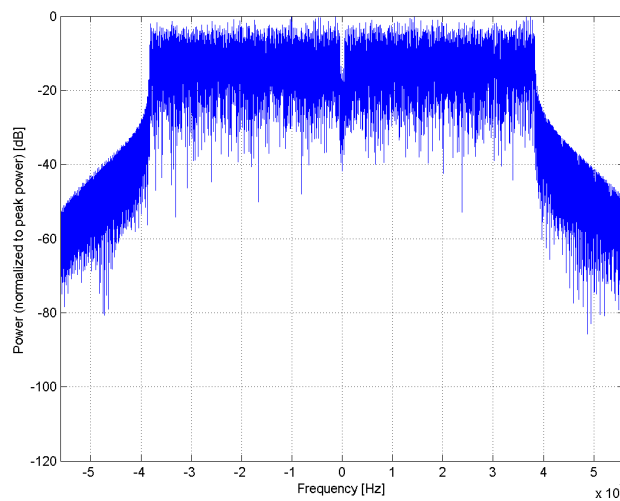
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

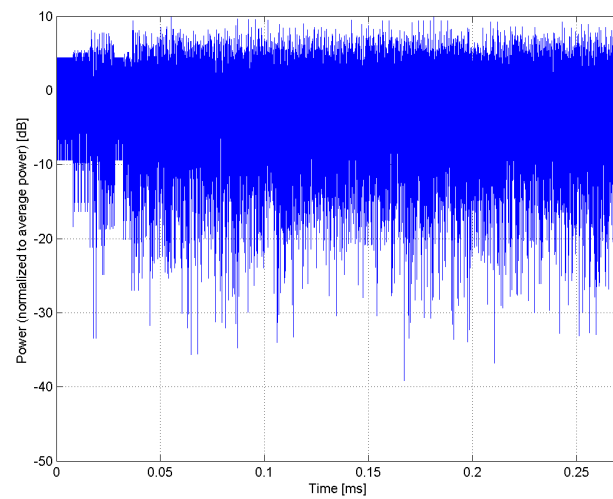




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



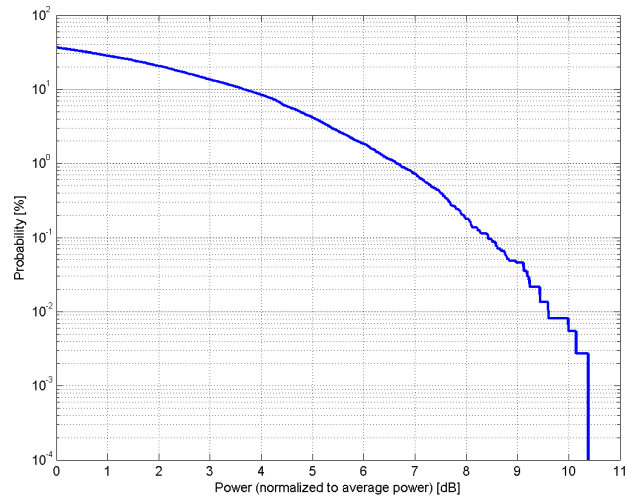
### Time Domain

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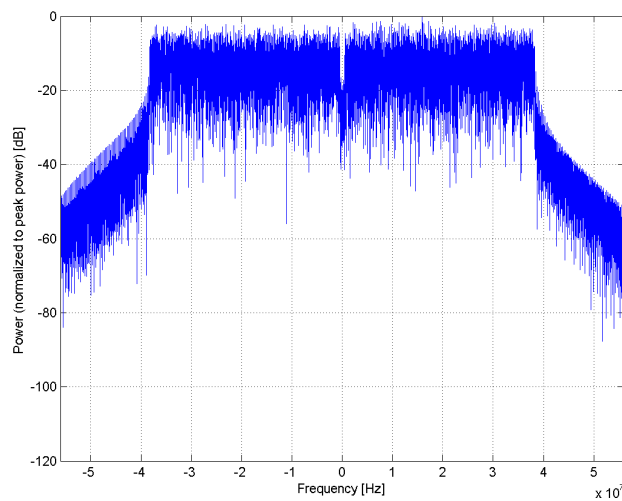
Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)</b>
Group:	WLAN
UID:	10552-AAB
PAR: <sup>1</sup>	<b>8.42 dB</b>
MIF: <sup>2</sup>	<b>-21.54 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
Frequency 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

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

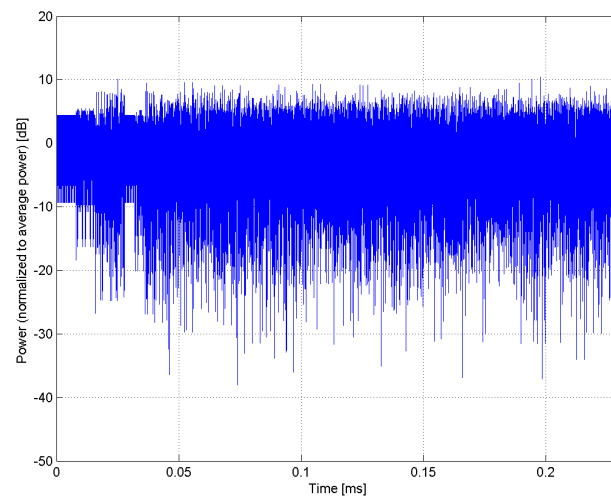
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



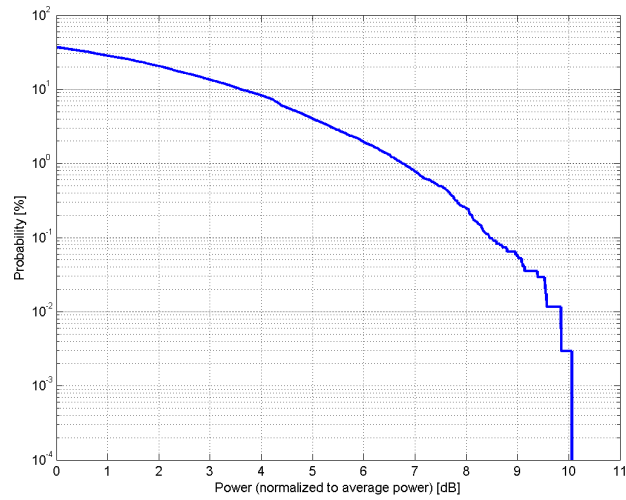
### Time Domain

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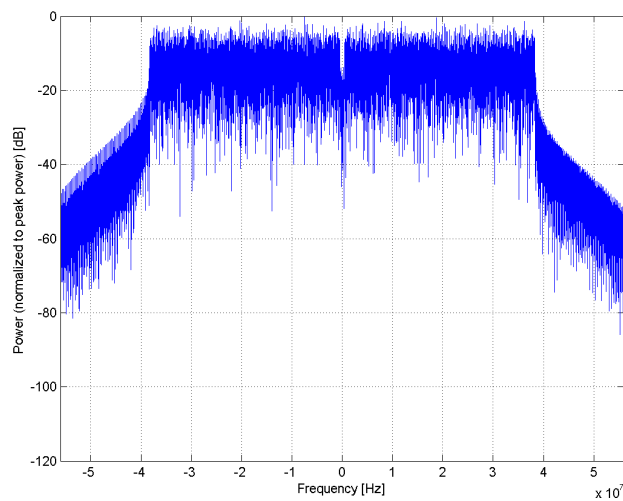
Name:	<b>IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)</b>
Group:	WLAN
UID:	10553-AAB
PAR: <sup>1</sup>	<b>8.45 dB</b>
MIF: <sup>2</sup>	<b>-23.01 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
Frequency 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

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

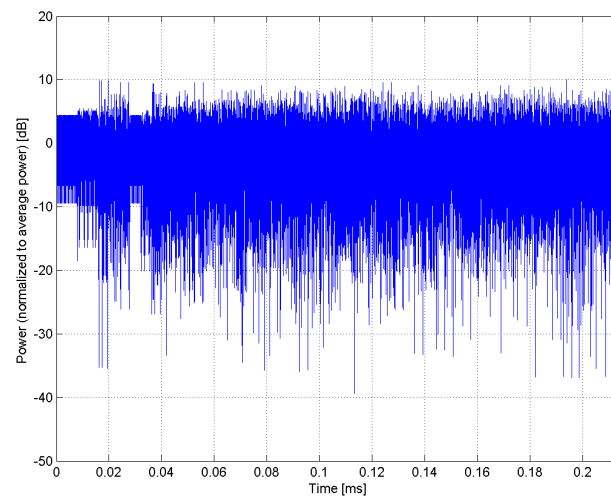
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



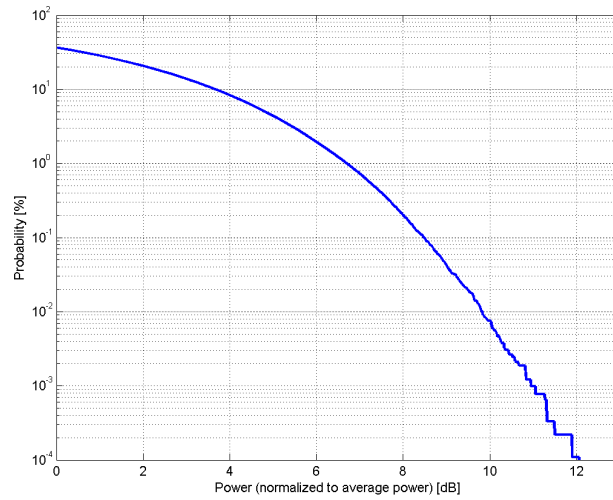
### Time Domain

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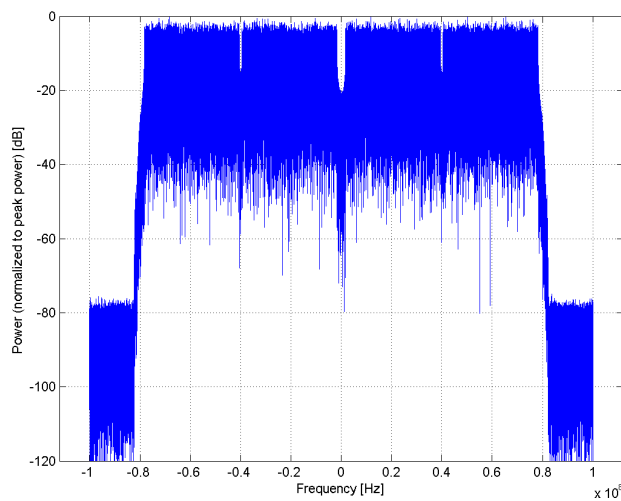
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)</b>
Group:	WLAN
UID:	10554-AAC
PAR: <sup>1</sup>	<b>8.48 dB</b>
MIF: <sup>2</sup>	<b>-12.12 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	BPSK
Frequency 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

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

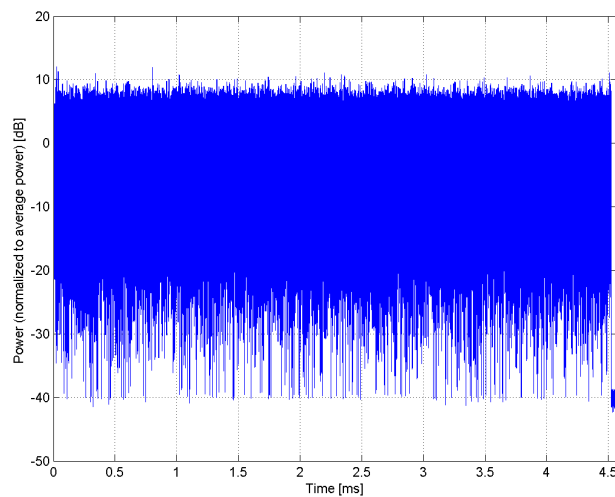
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

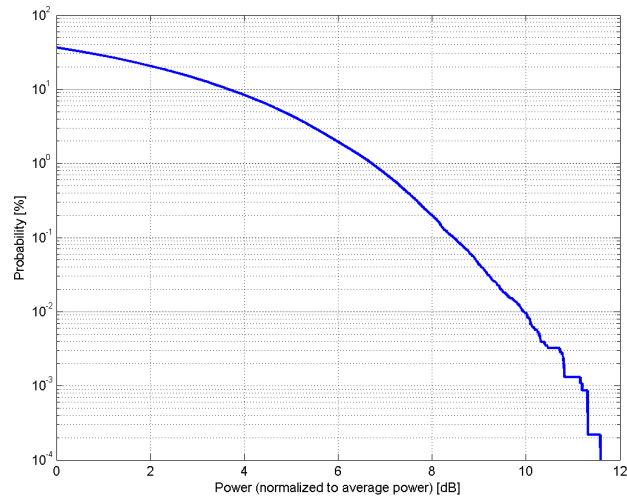
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Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)</b>
Group:	WLAN
UID:	10555-AAC
PAR: <sup>1</sup>	<b>8.47 dB</b>
MIF: <sup>2</sup>	<b>-13.15 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 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

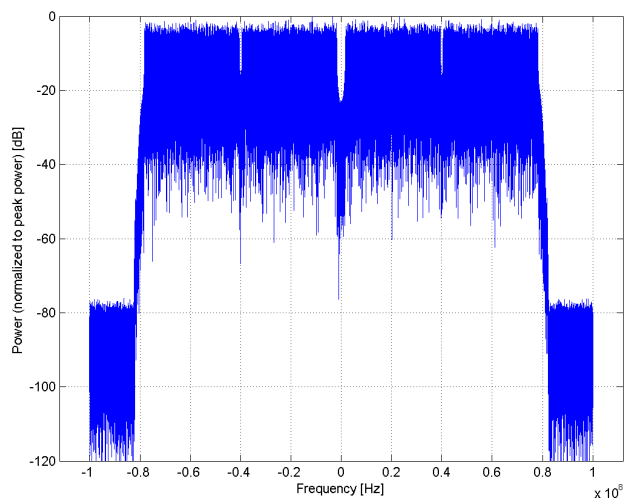
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

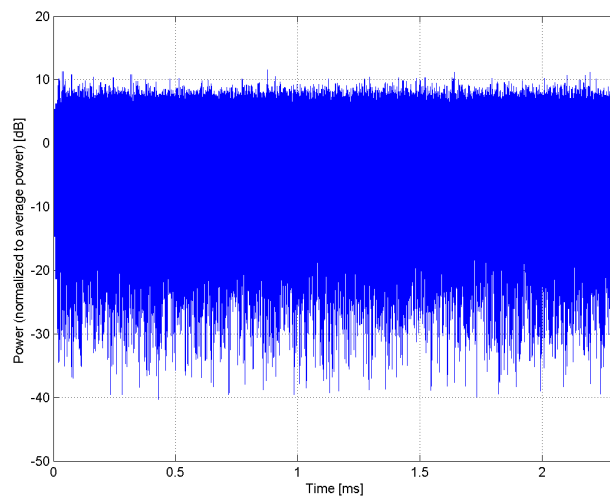




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



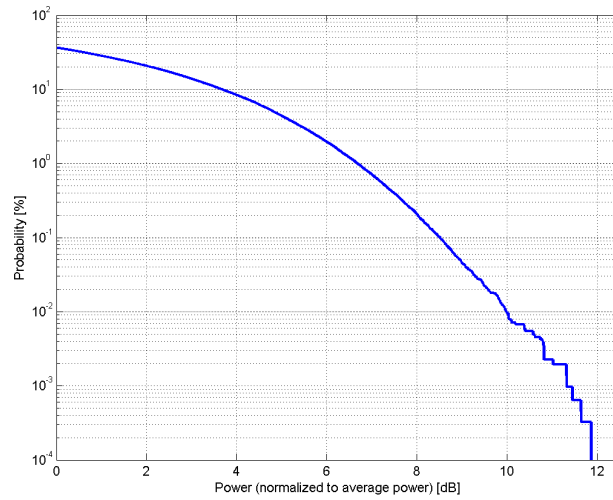
### Time Domain

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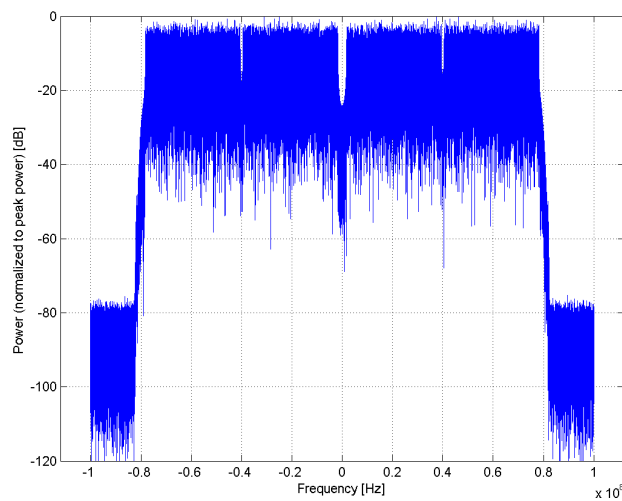
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)</b>
Group:	WLAN
UID:	10556-AAC
PAR: <sup>1</sup>	<b>8.50 dB</b>
MIF: <sup>2</sup>	<b>-13.55 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	QPSK
Frequency 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

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

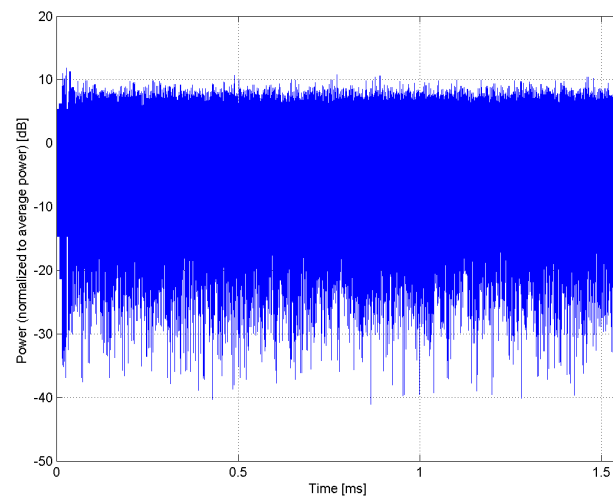
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



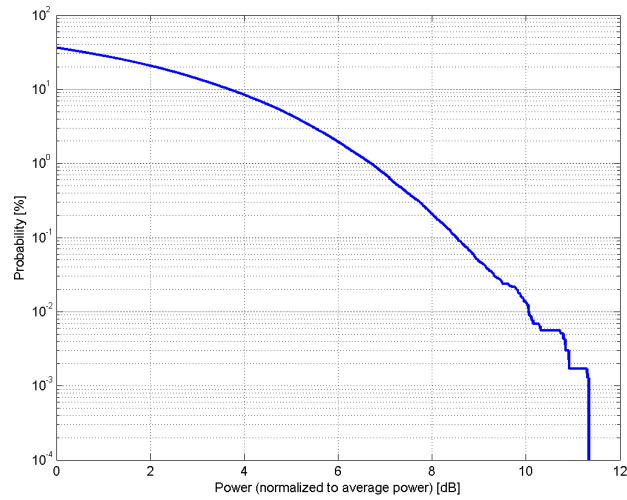
### Time Domain

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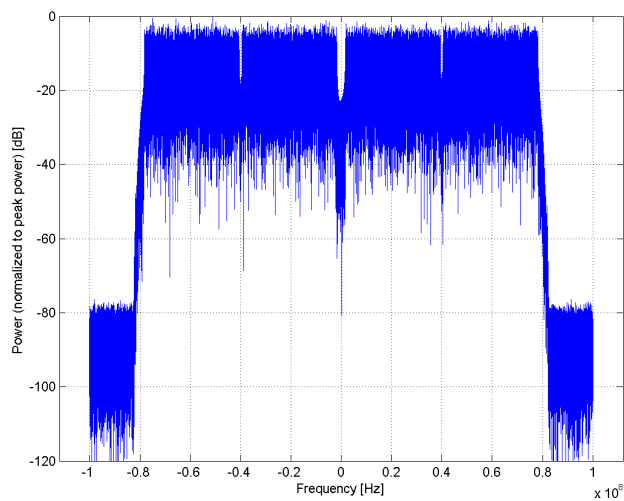
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)</b>
Group:	WLAN
UID:	10557-AAC
PAR: <sup>1</sup>	<b>8.52 dB</b>
MIF: <sup>2</sup>	<b>-13.89 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
Frequency 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

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

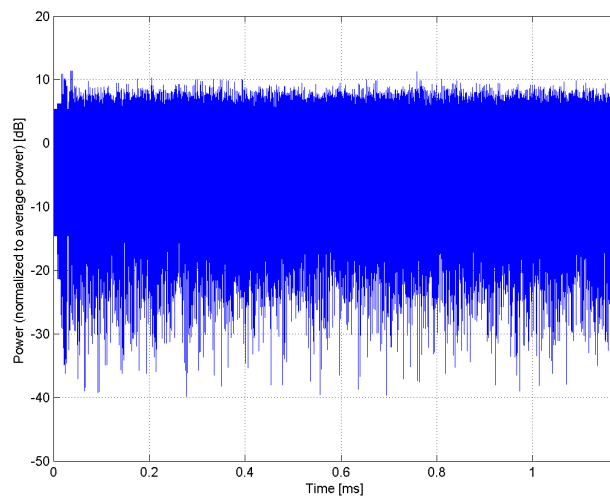
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



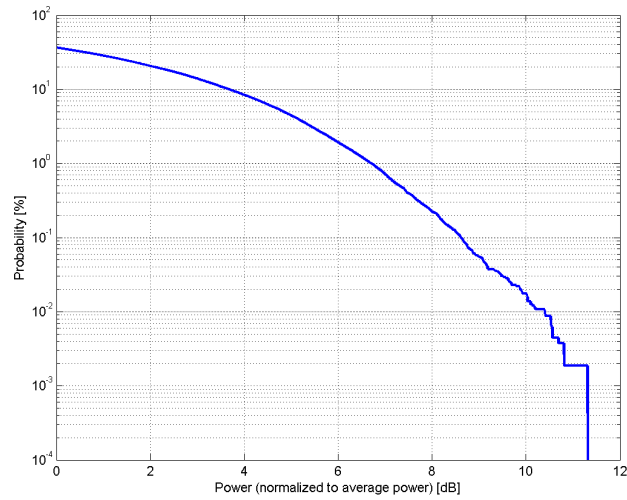
### Time Domain

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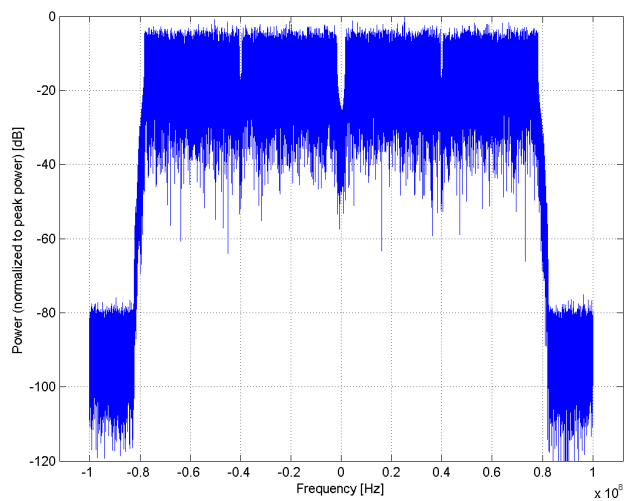
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)</b>
Group:	WLAN
UID:	10558-AAC
PAR: <sup>1</sup>	<b>8.61 dB</b>
MIF: <sup>2</sup>	<b>-14.15 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
Frequency 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

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

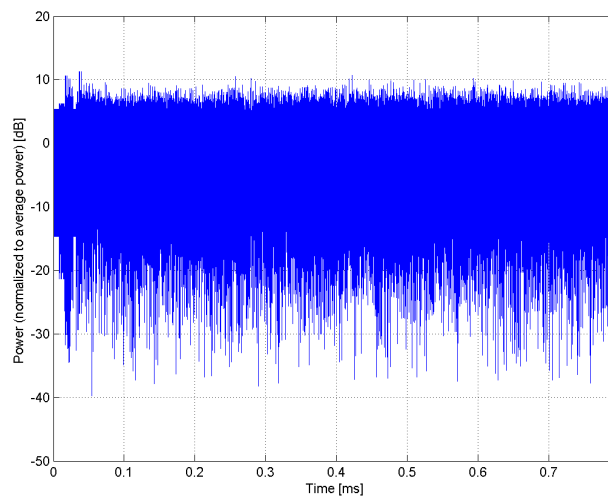
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

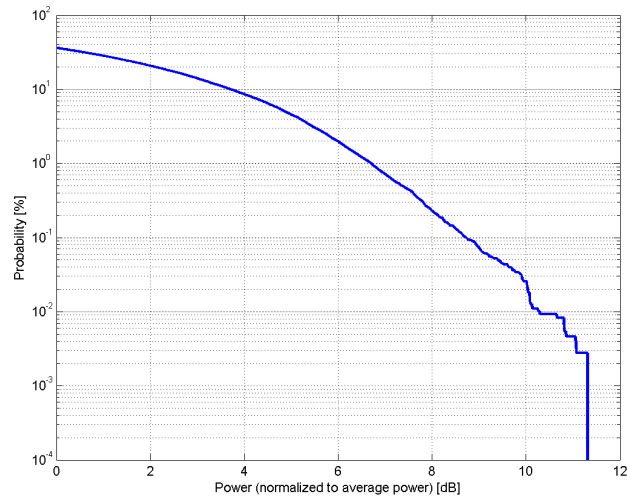
**Calibration Laboratory of  
Schmid & Partner  
Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)</b>
Group:	WLAN
UID:	10560-AAC
PAR: <sup>1</sup>	<b>8.73 dB</b>
MIF: <sup>2</sup>	<b>-14.69 dB</b>
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

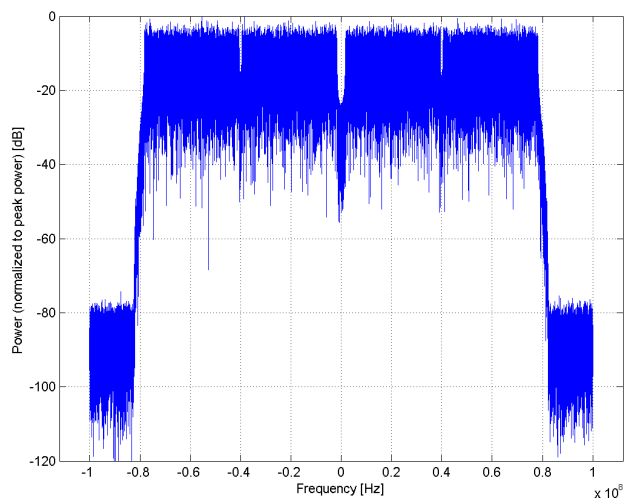
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

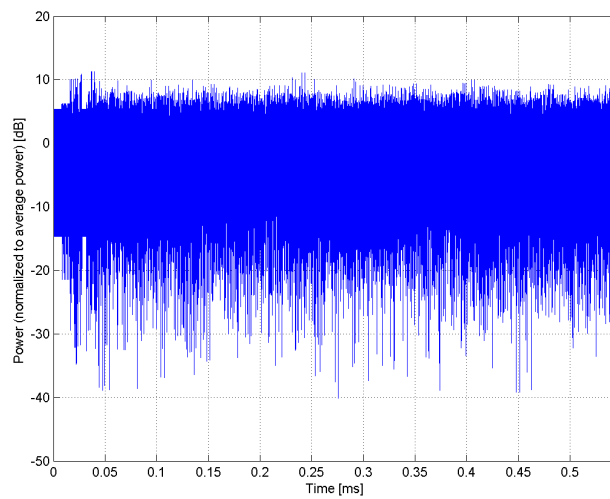




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



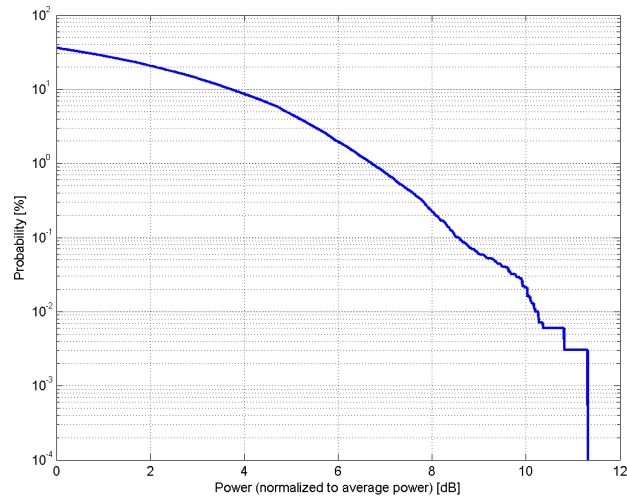
### Time Domain

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Engineering AG**  
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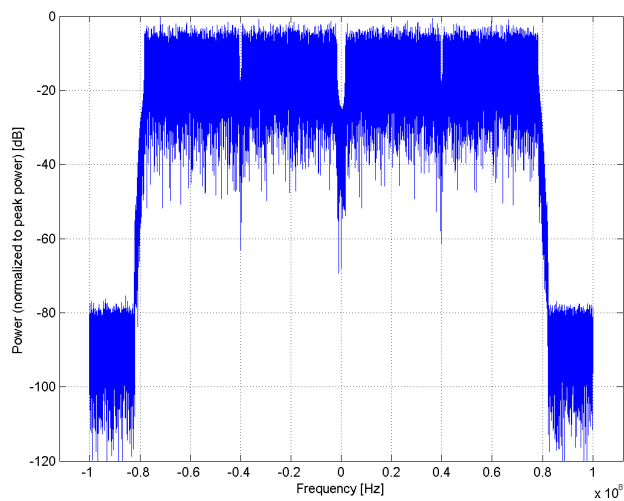
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)</b>
Group:	WLAN
UID:	10561-AAC
PAR: <sup>1</sup>	<b>8.56 dB</b>
MIF: <sup>2</sup>	<b>-15.13 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	64-QAM
Frequency 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

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

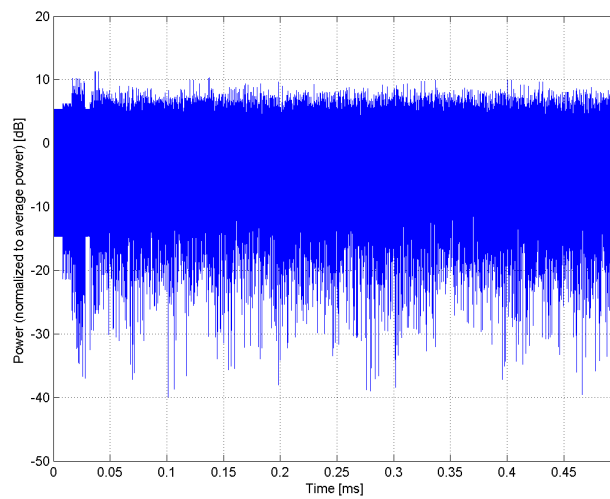
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



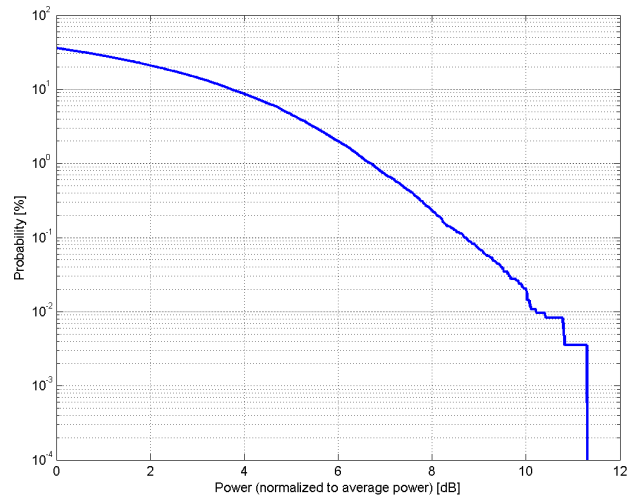
### Time Domain

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

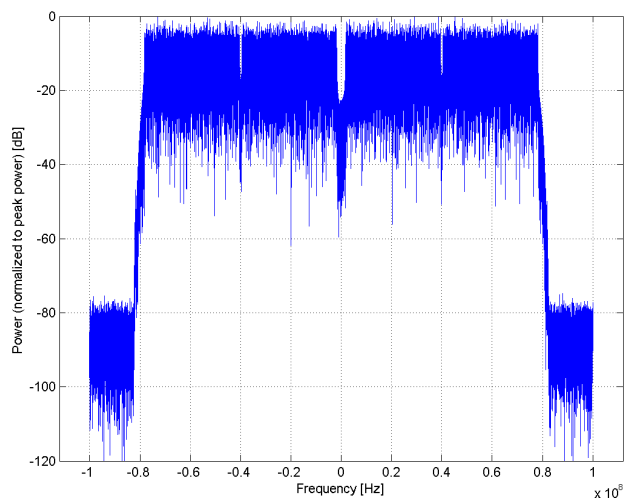
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)</b>
Group:	WLAN
UID:	10562-AAC
PAR: <sup>1</sup>	<b>8.69 dB</b>
MIF: <sup>2</sup>	<b>-15.04 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
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

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

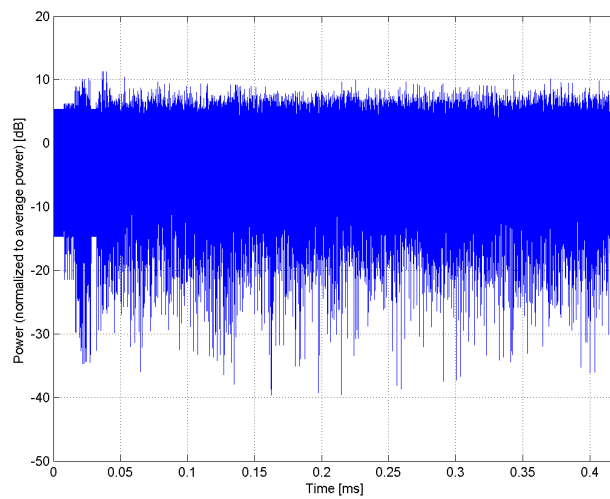
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



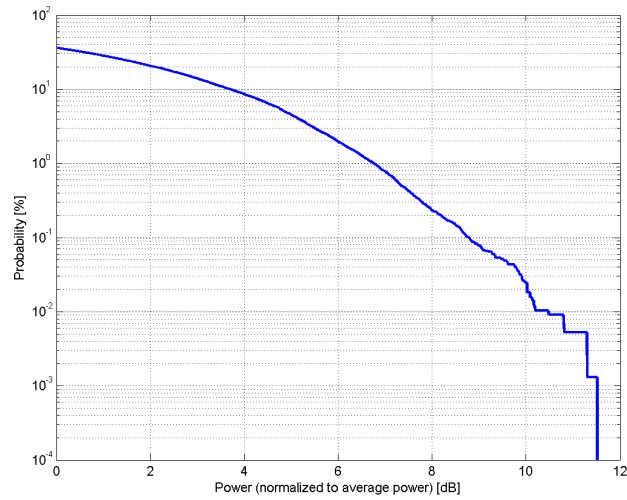
### Time Domain

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Engineering AG**  
Zeughausstrasse 43, 8004 Zurich, Switzerland

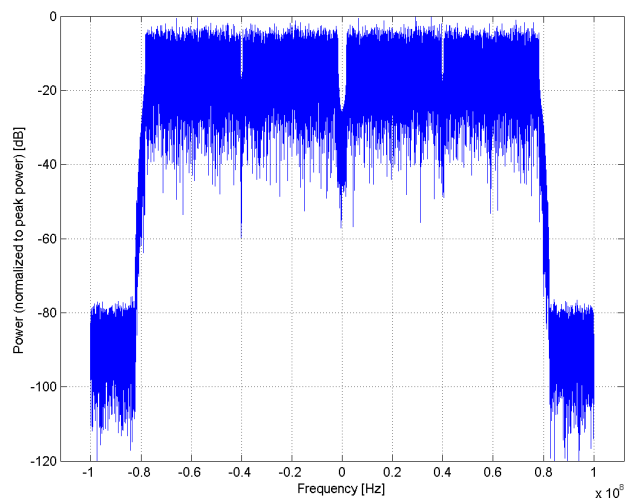
Name:	<b>IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)</b>
Group:	WLAN
UID:	10563-AAC
PAR: <sup>1</sup>	<b>8.77 dB</b>
MIF: <sup>2</sup>	<b>-15.40 dB</b>
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
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

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

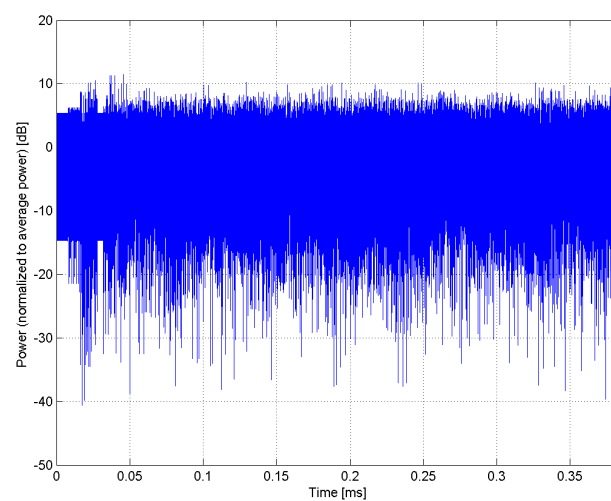
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

Group: WLAN  
UID: 10564-AAA

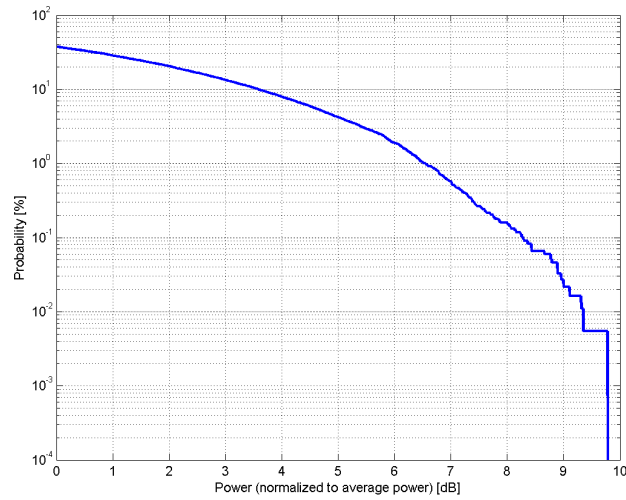
PAR: <sup>1</sup> **8.25 dB**  
MIF: <sup>2</sup> **-15.41 dB**

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

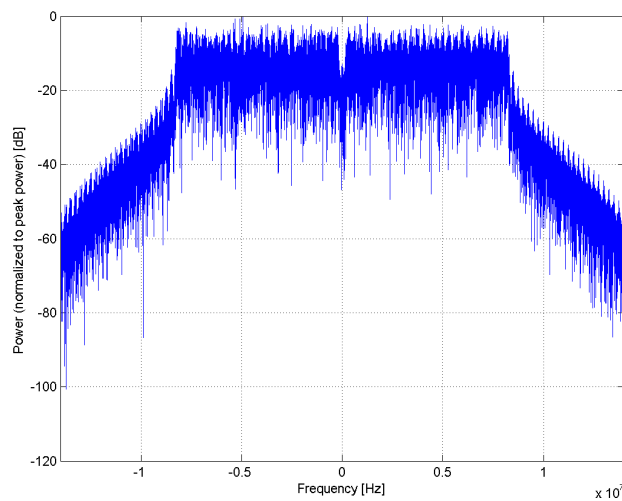
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

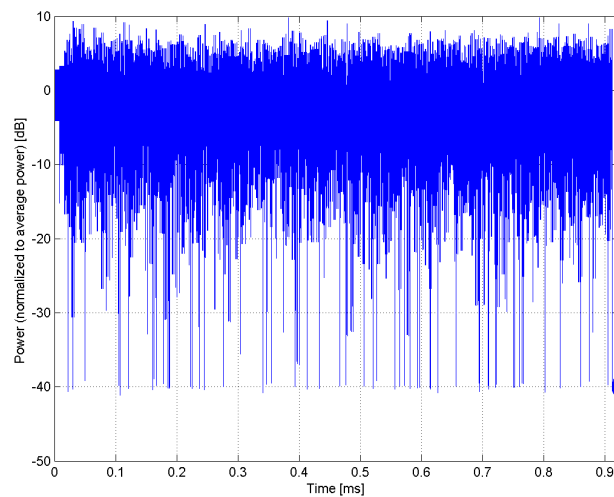




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

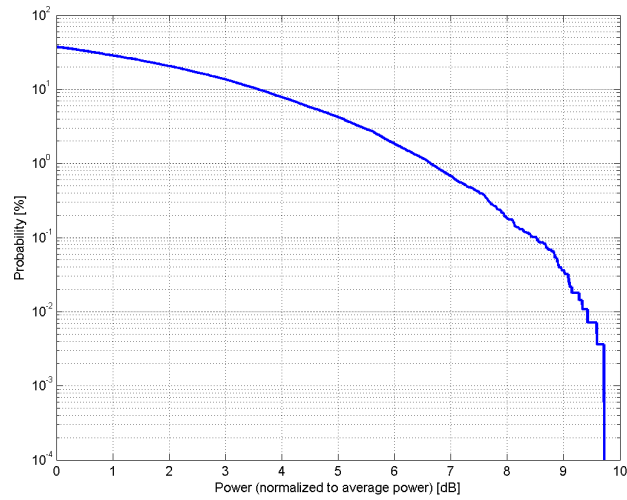
Group: WLAN  
UID: 10565-AAA

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

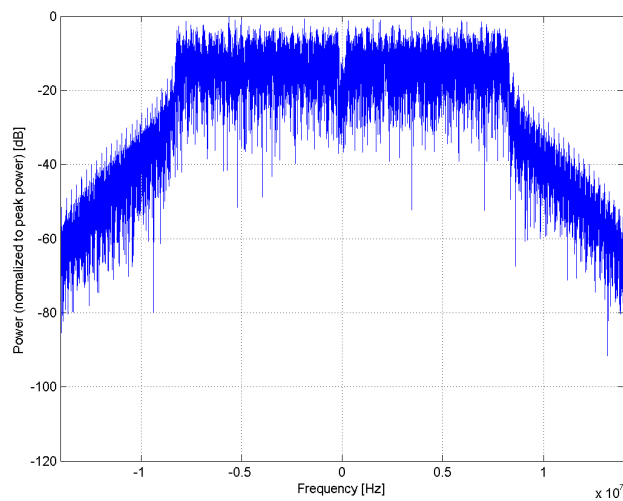
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data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

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

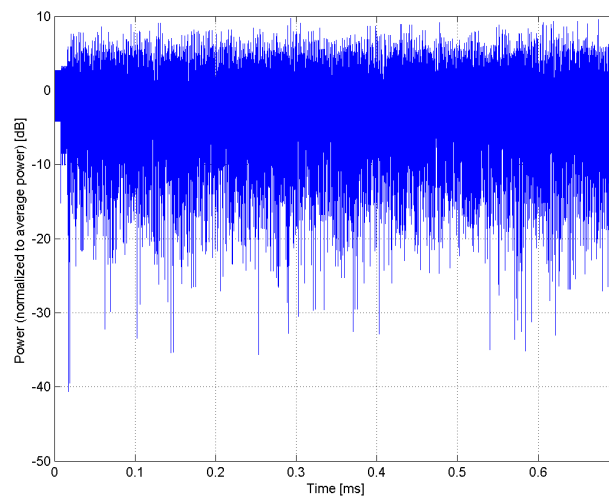
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

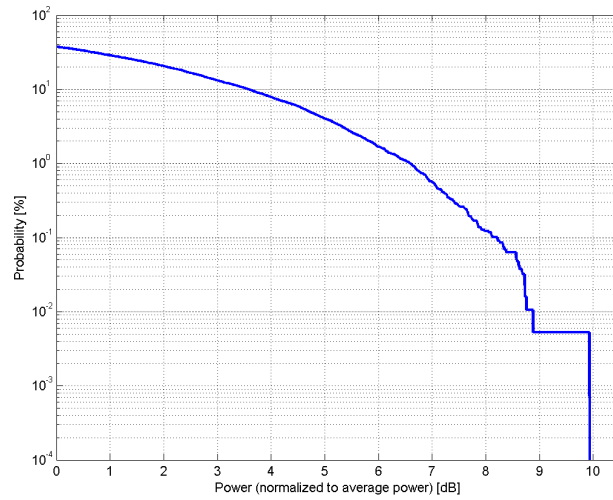
Group: WLAN  
UID: 10566-AAA

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

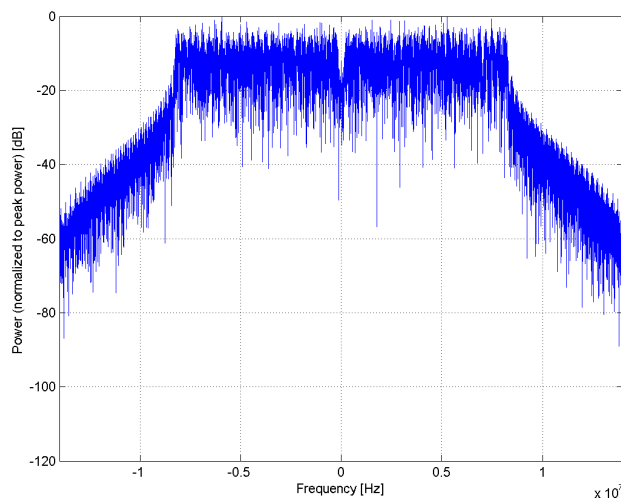
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data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

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

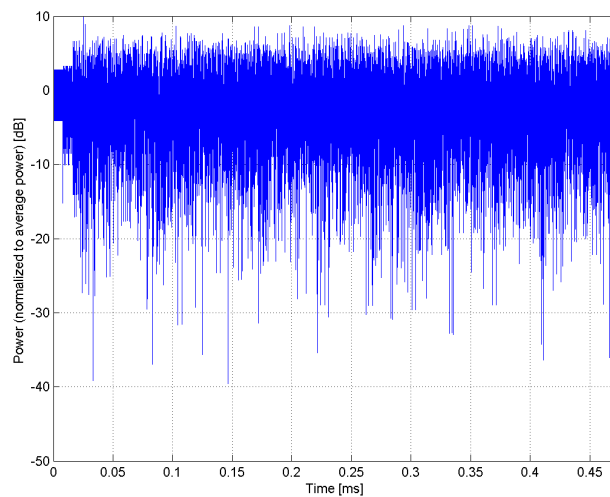
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

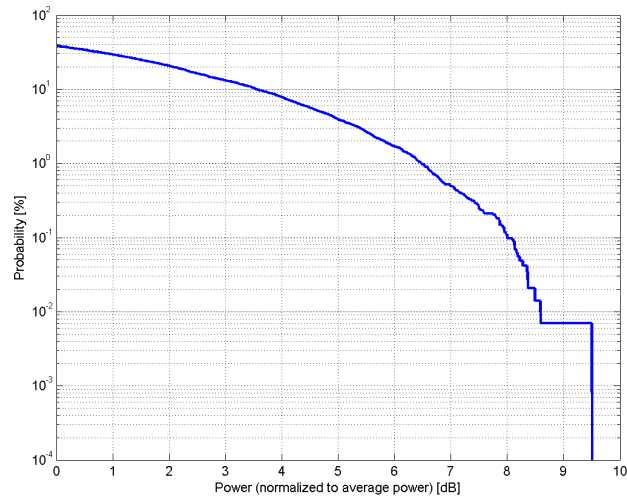
Name: **IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)**

Group: WLAN  
UID: 10567-AAA

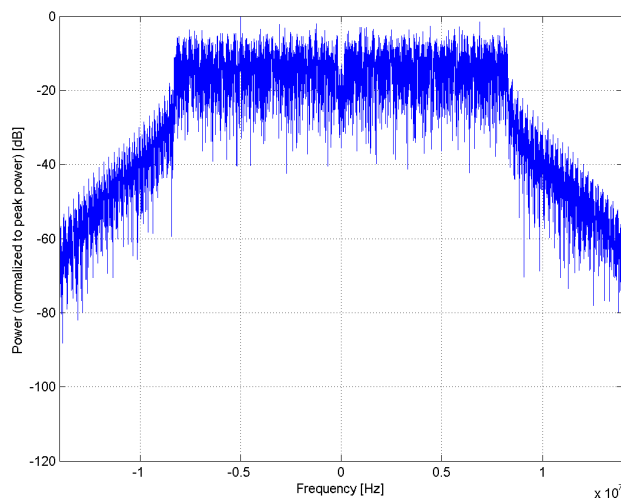
PAR: <sup>1</sup> **8.00 dB**  
MIF: <sup>2</sup> **-23.09 dB**

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

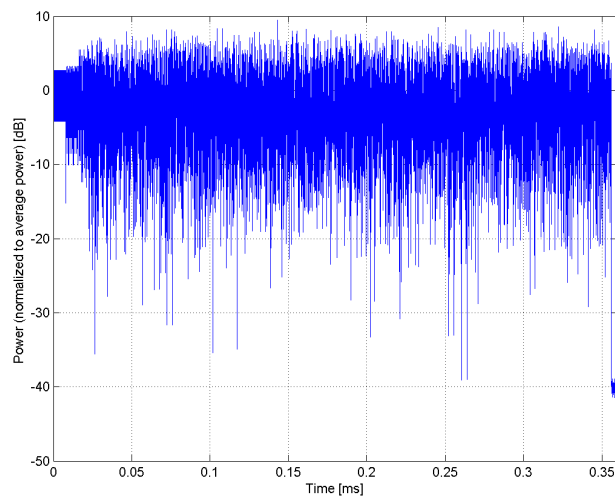
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"  
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same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



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

Group: WLAN  
UID: 10568-AAA

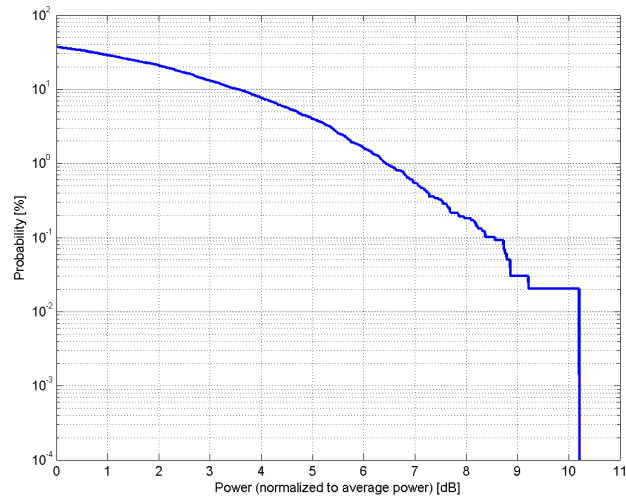
PAR: <sup>1</sup> **8.37 dB**  
MIF: <sup>2</sup> **-22.04 dB**

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

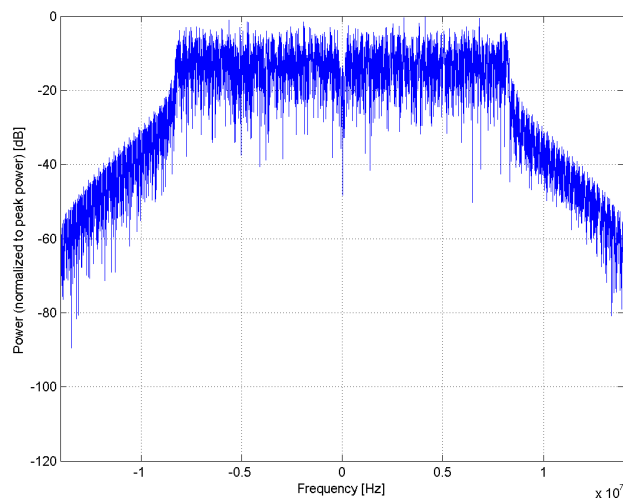
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

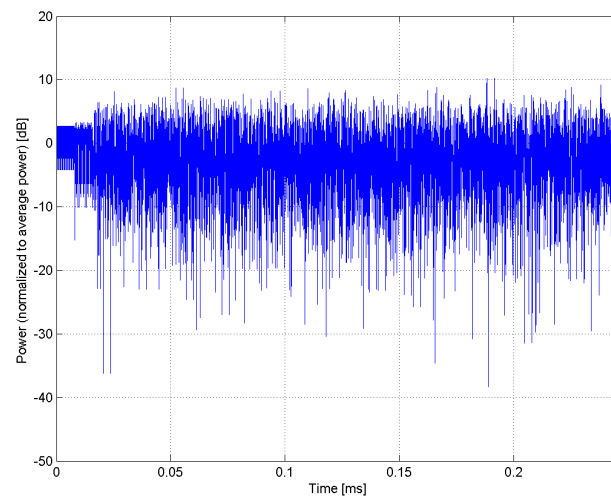




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

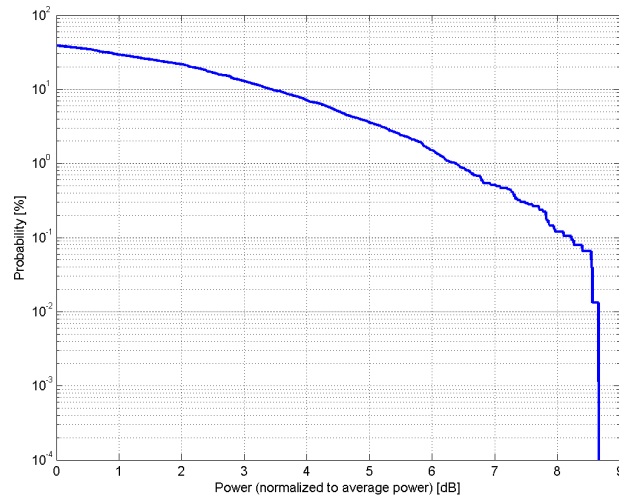
Group: WLAN  
UID: 10569-AAA

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

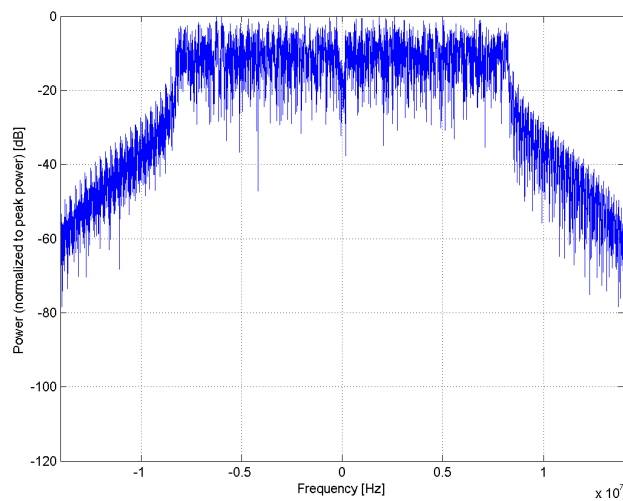
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  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

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

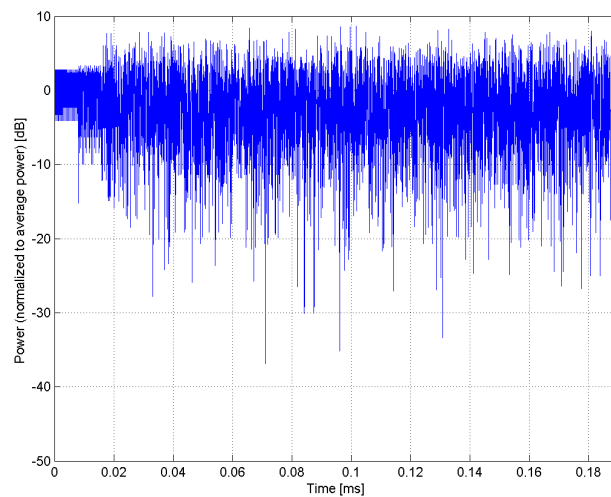
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

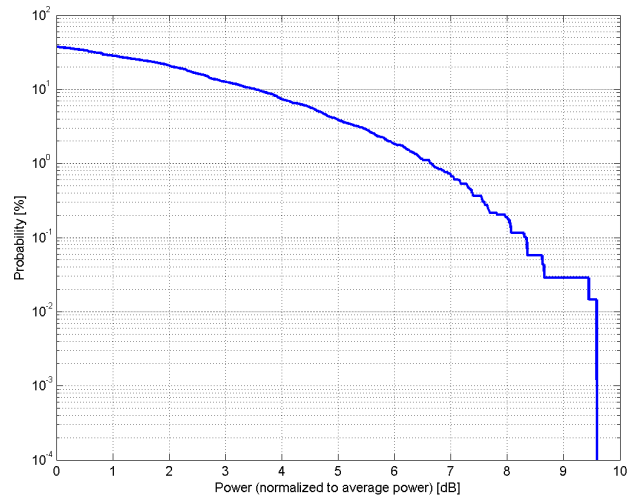
Group: WLAN  
UID: 10570-AAA

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

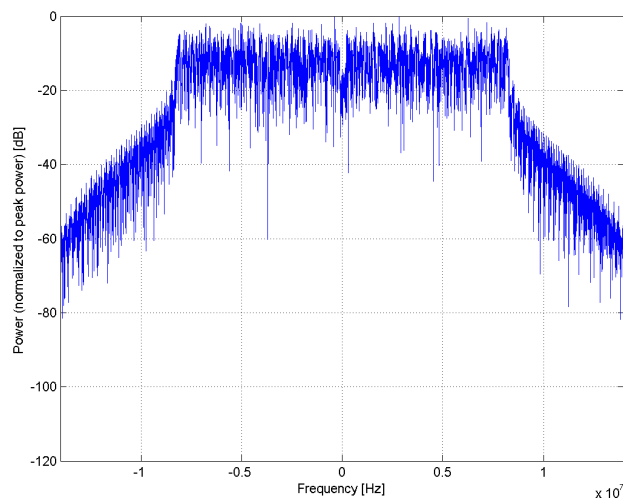
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 99 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  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

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

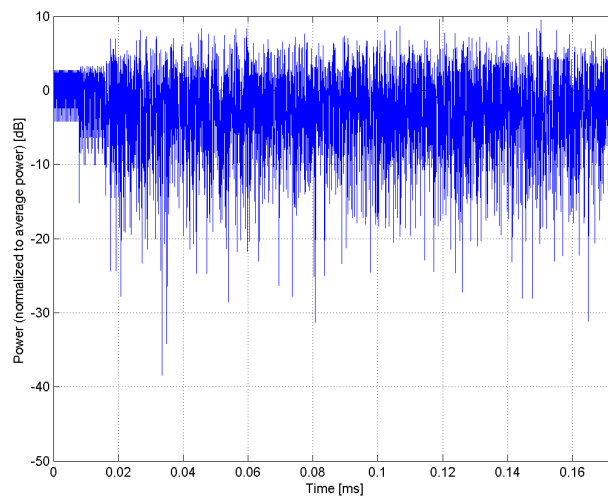
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

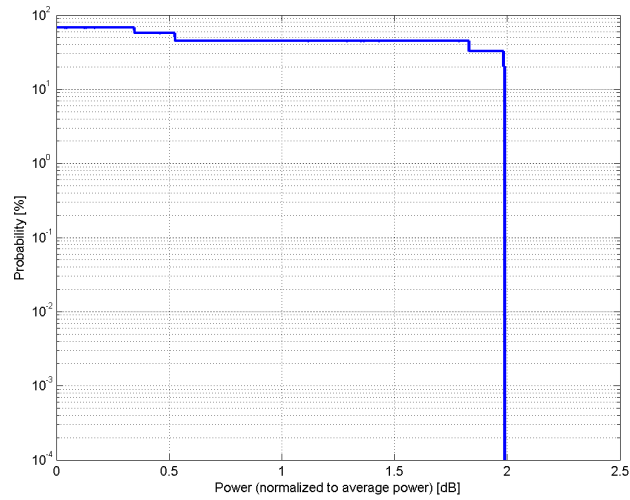
Group: WLAN  
UID: 10571-AAA

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

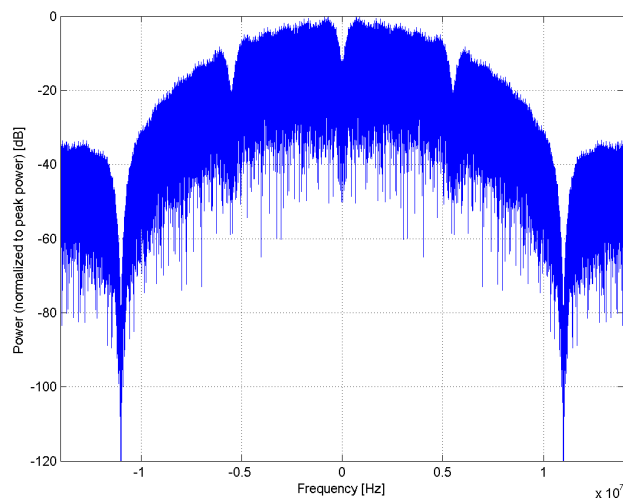
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data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

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

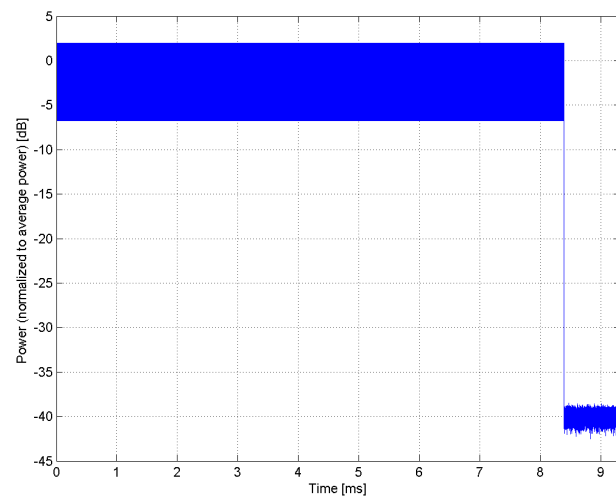
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

Group: WLAN  
UID: 10572-AAA

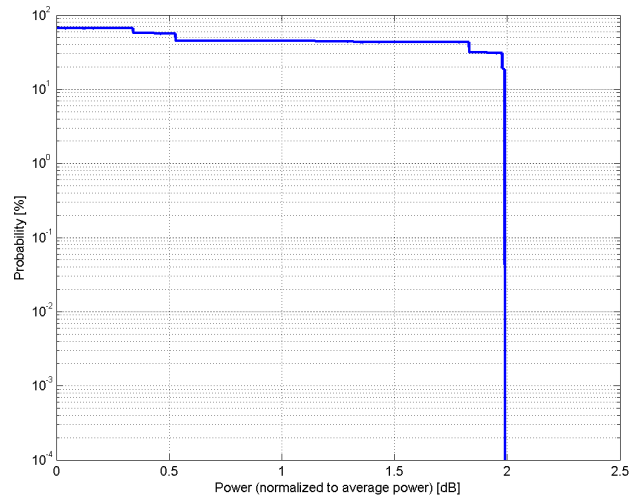
PAR: <sup>1</sup> **1.99 dB**  
MIF: <sup>2</sup> **-5.53 dB**

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

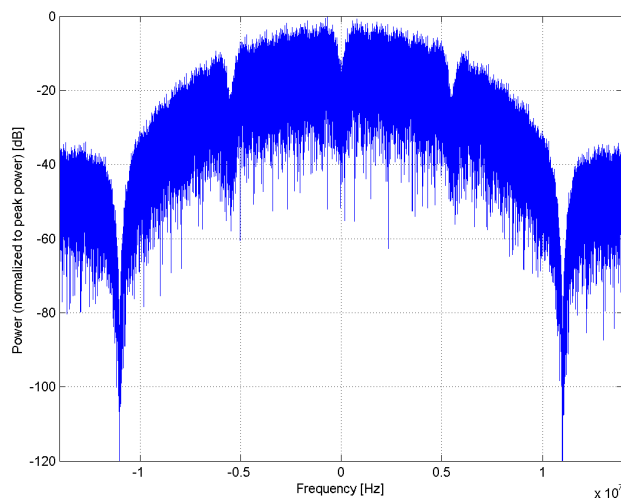
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

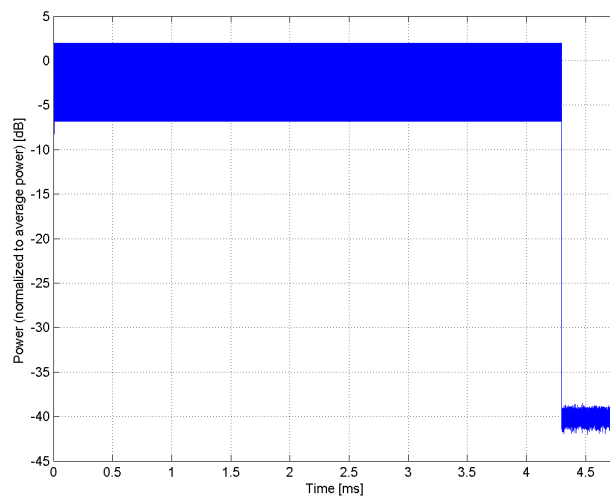




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

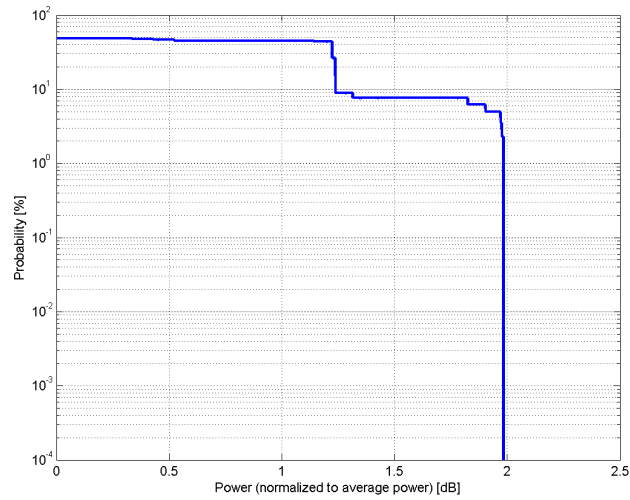
Group: WLAN  
UID: 10573-AAA

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

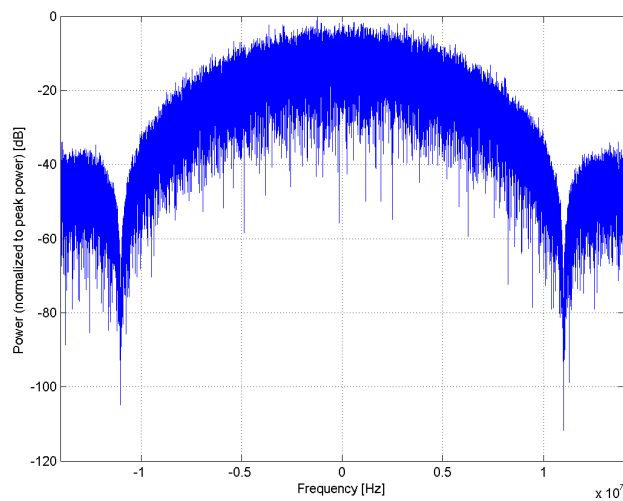
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: DQPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1024 bytes  
Preamble type: long  
Data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

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

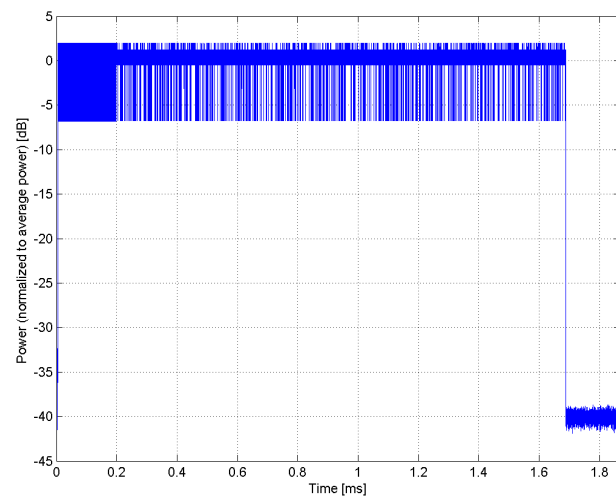
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



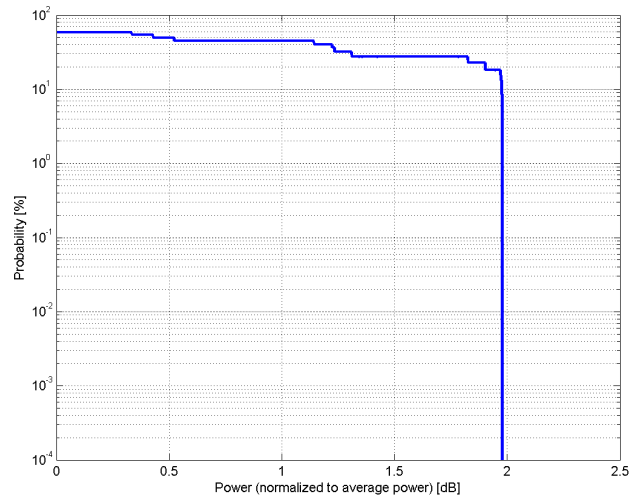
### Time Domain

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

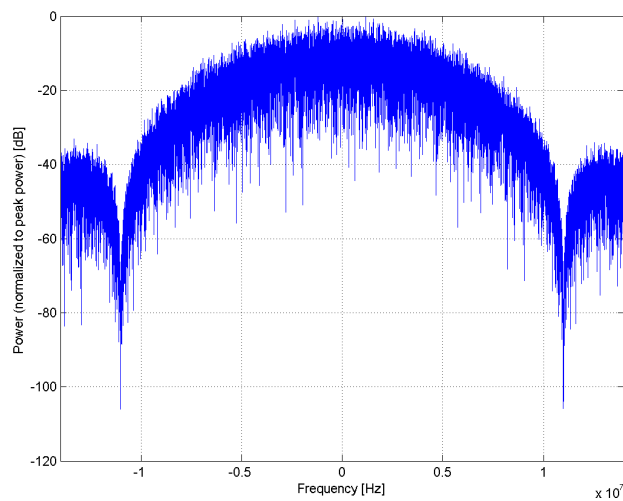
Name:	<b>IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10574-AAA
PAR: <sup>1</sup>	<b>1.98 dB</b>
MIF: <sup>2</sup>	<b>-6.42 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	DQPSK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

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

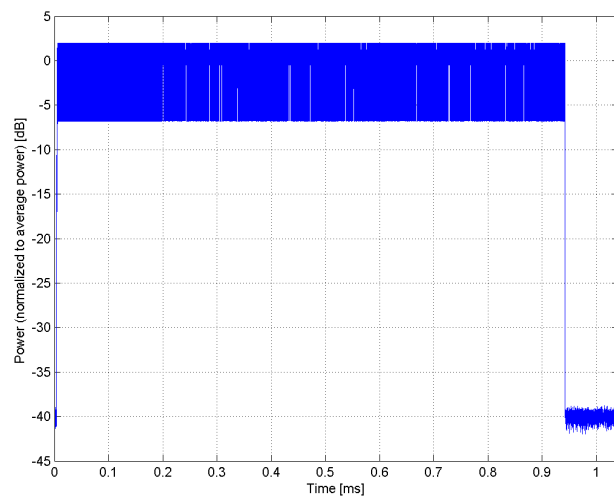
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

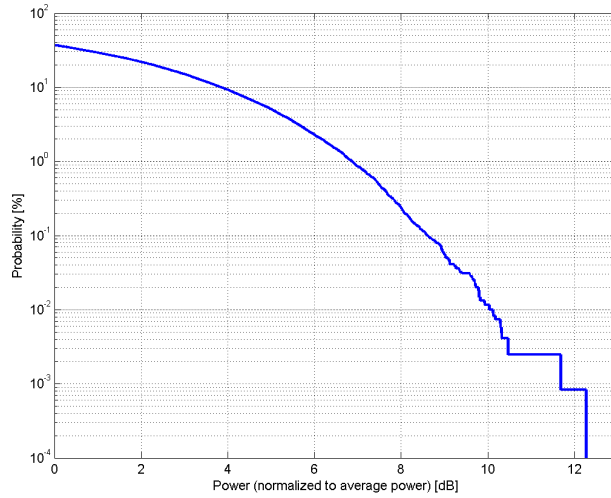
Group: WLAN  
UID: 10575-AAA

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

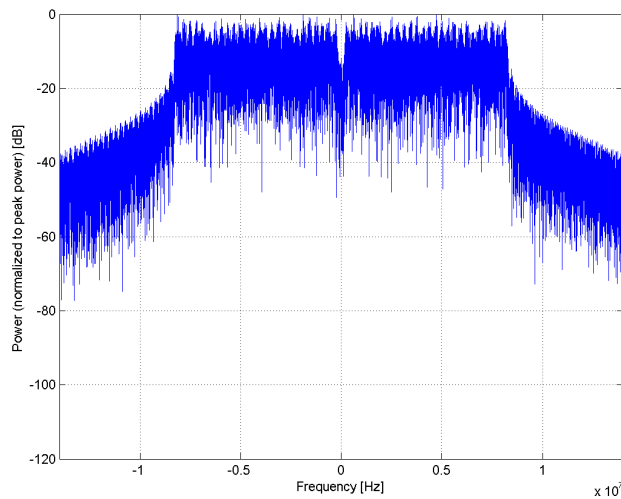
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: BPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data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

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

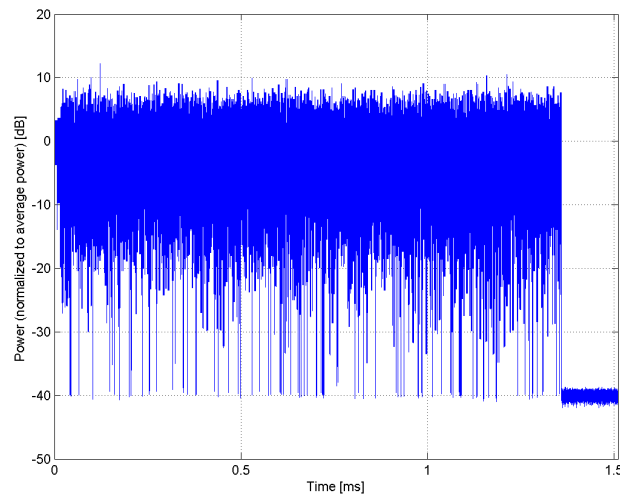
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



**Time Domain**

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

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

Group: WLAN  
UID: 10576-AAA

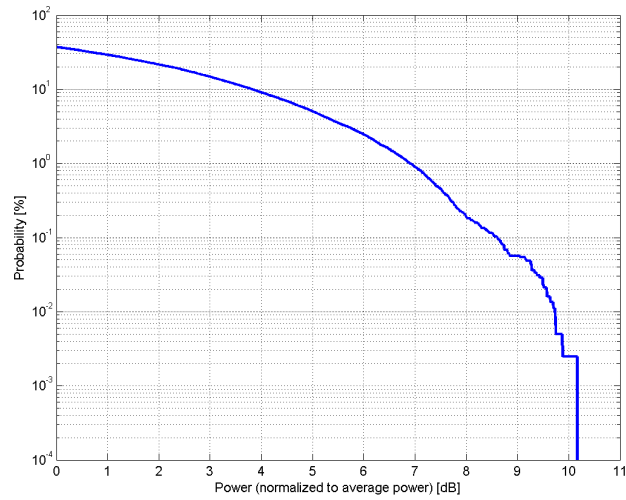
PAR: <sup>1</sup> **8.60 dB**  
MIF: <sup>2</sup> **-6.64 dB**

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

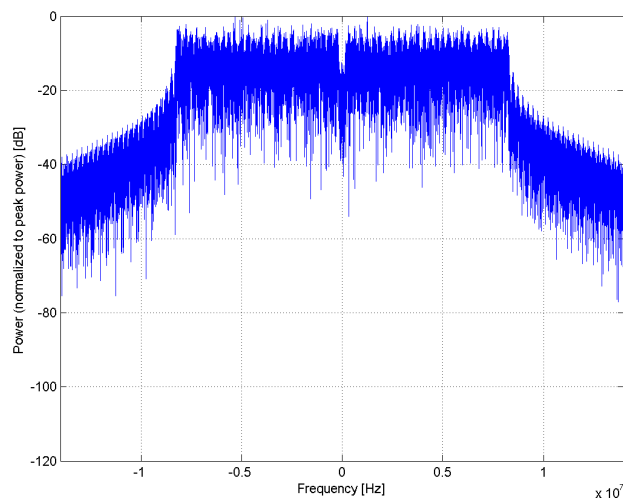
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

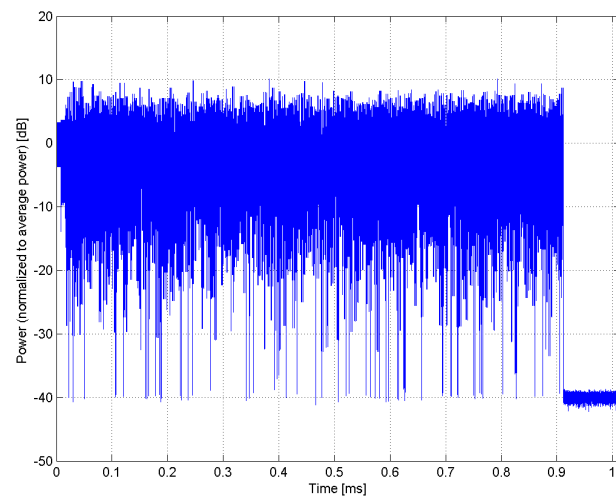




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

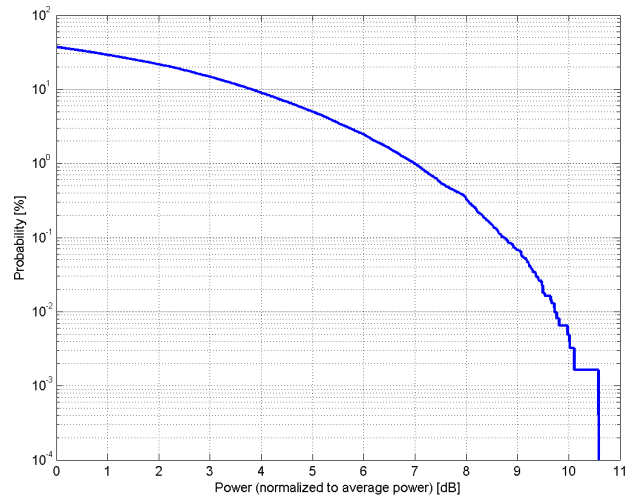
Group: WLAN  
UID: 10577-AAA

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

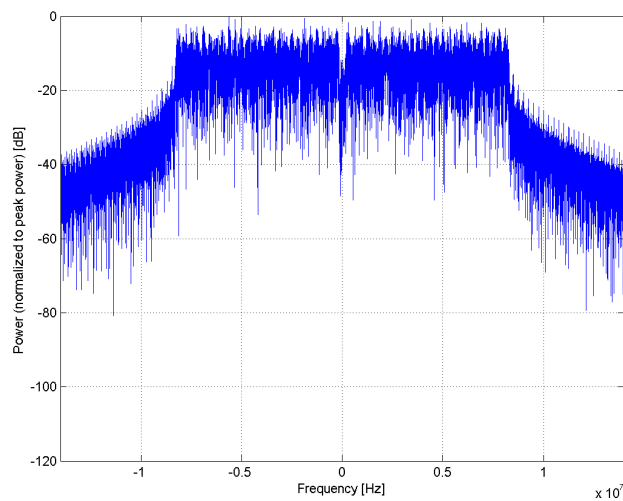
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data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

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

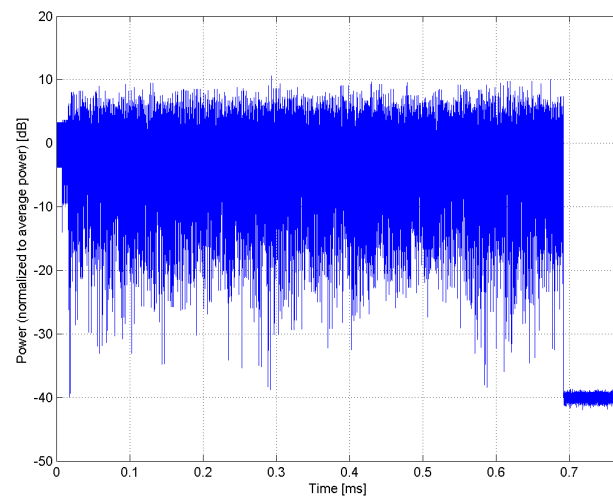
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

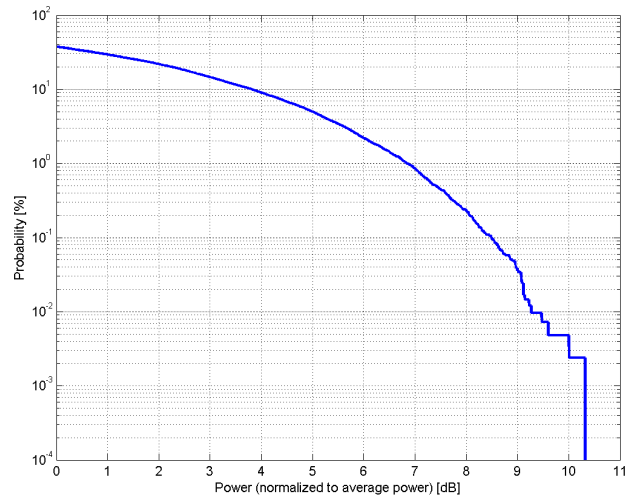
Group: WLAN  
UID: 10578-AAA

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

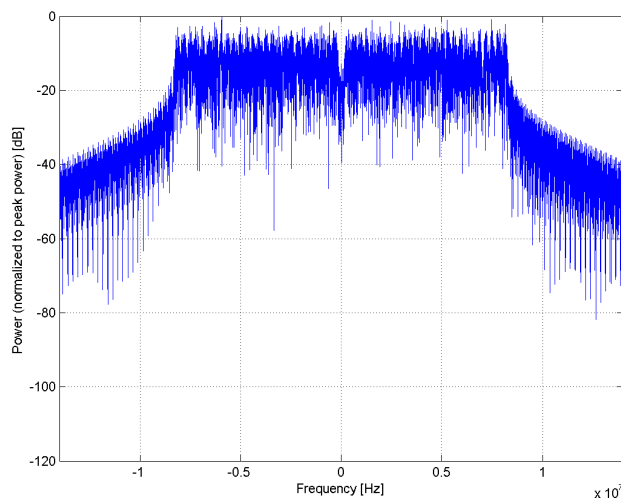
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: QPSK  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  
Data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

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

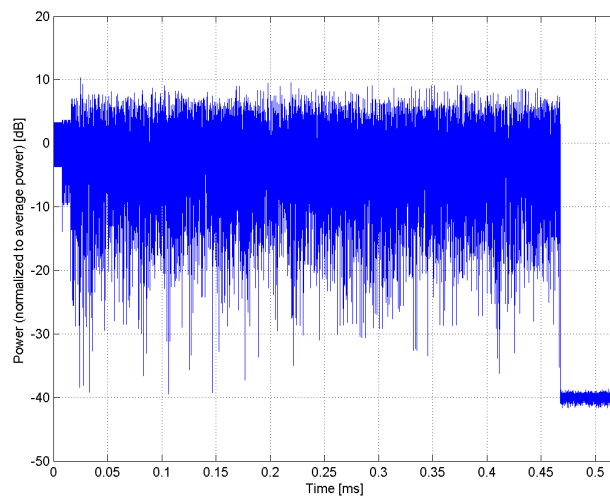
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

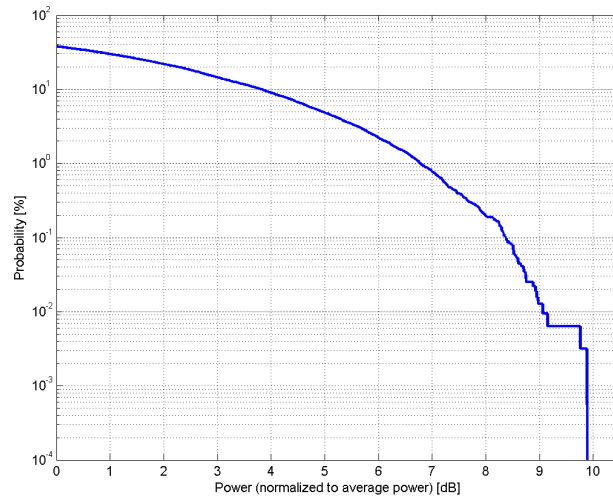
Group: WLAN  
UID: 10579-AAA

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

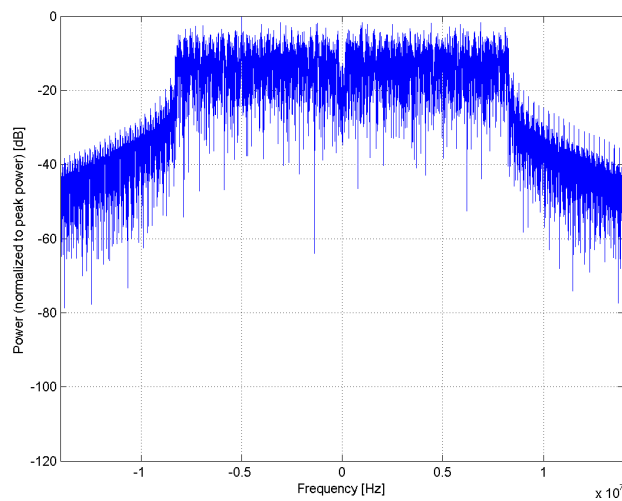
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 16-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  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

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

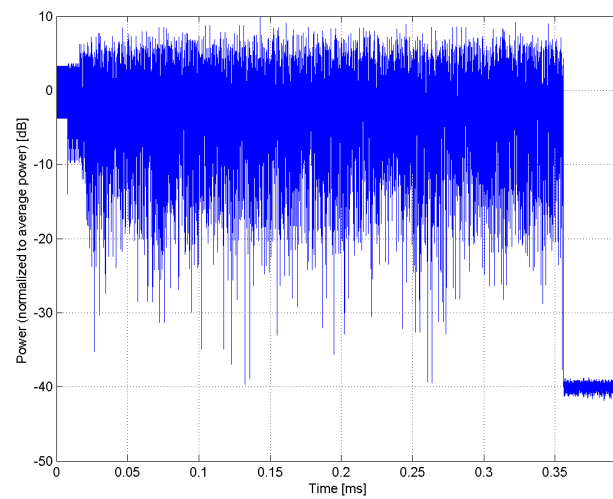
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

Group: WLAN  
UID: 10580-AAA

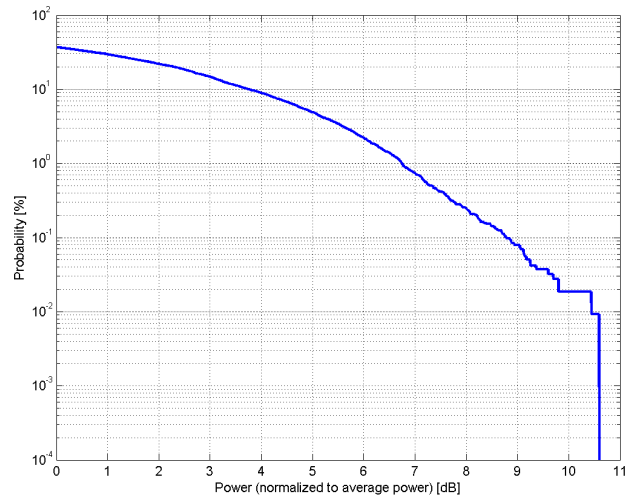
PAR: <sup>1</sup> **8.76 dB**  
MIF: <sup>2</sup> **-11.10 dB**

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

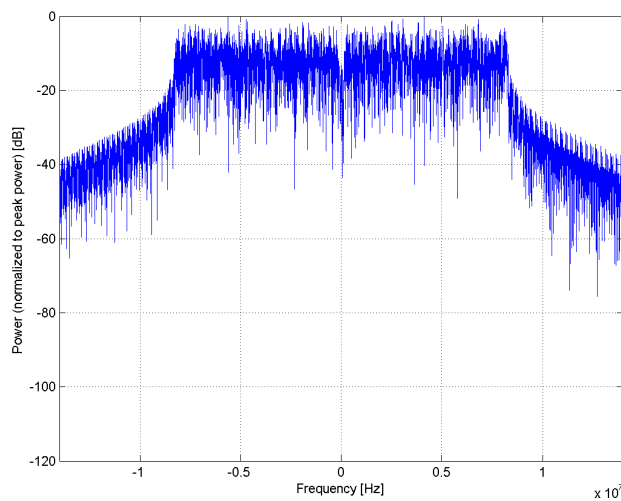
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

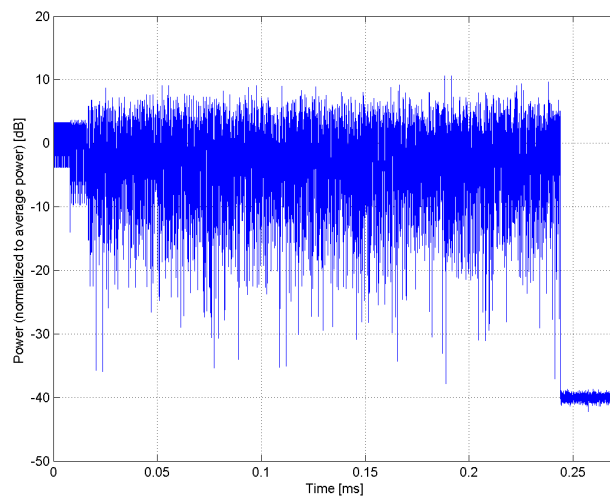




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

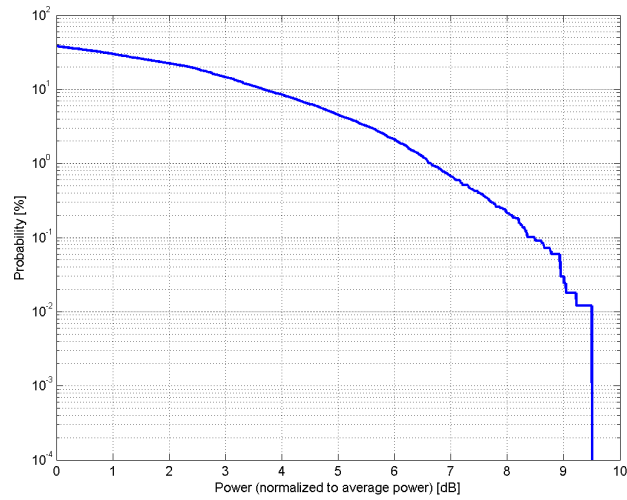
Group: WLAN  
UID: 10581-AAA

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

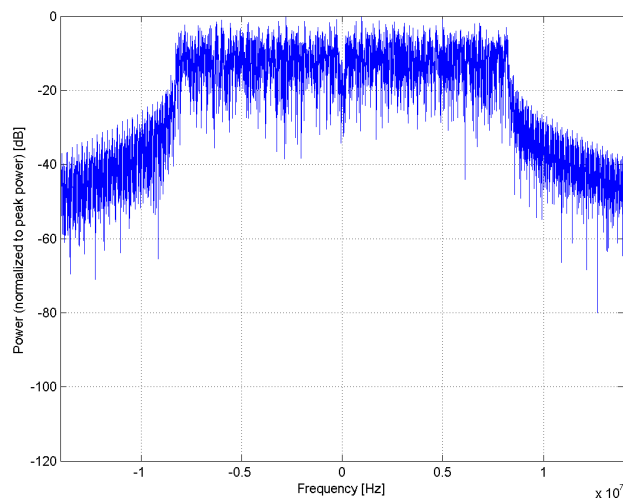
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  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

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

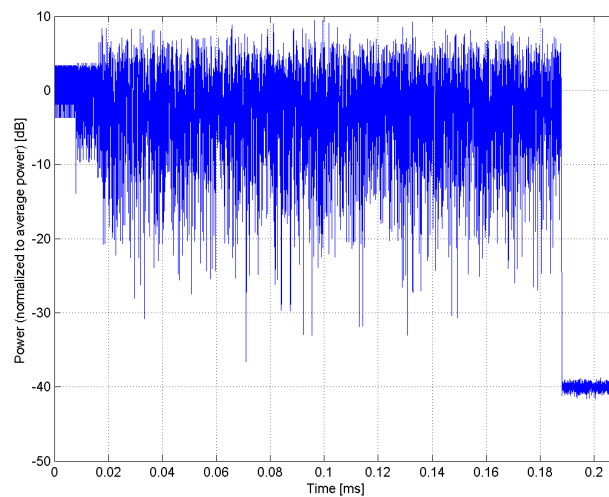
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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

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

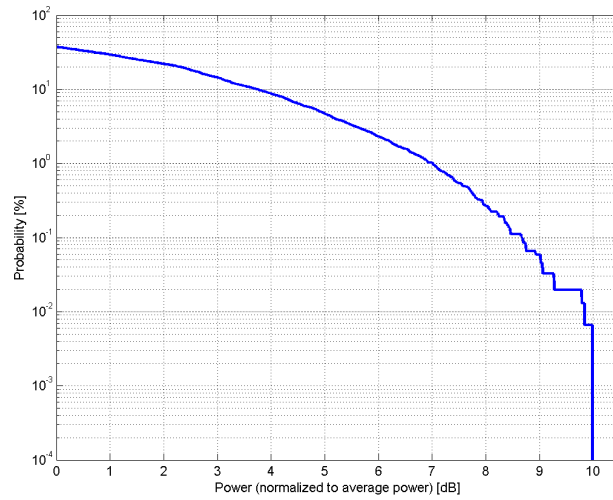
Group: WLAN  
UID: 10582-AAA

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

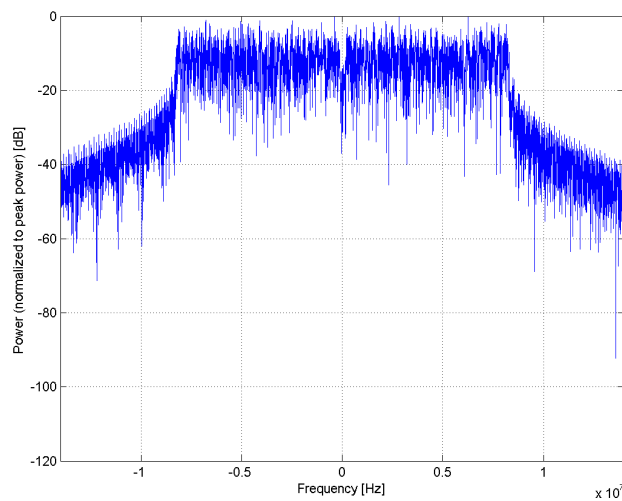
Standard Reference: IEEE 802.11-2012  
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01  
Category: Random amplitude modulation  
Modulation: 64-QAM  
Frequency Band: WLAN 2.4GHz (2412.0-2484.0 MHz, 20230)  
Detailed Specification: Duty cycle: 90 %  
PSDU length: 1000 bytes  
Frame format: DSSS-OFDM  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

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

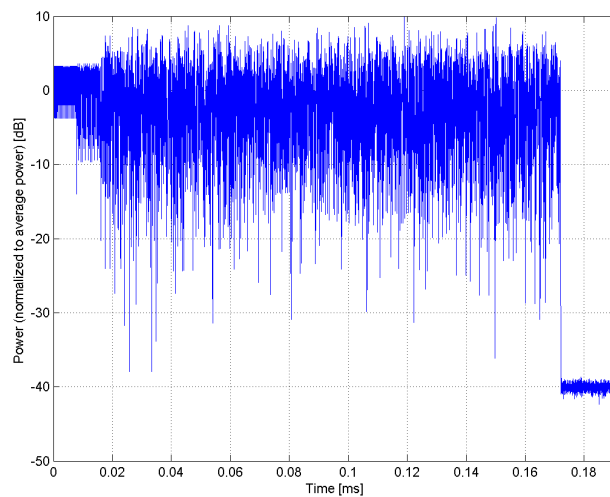
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



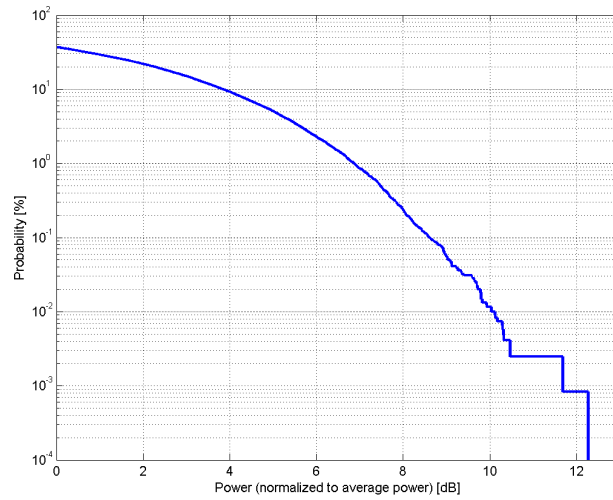
### Time Domain

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

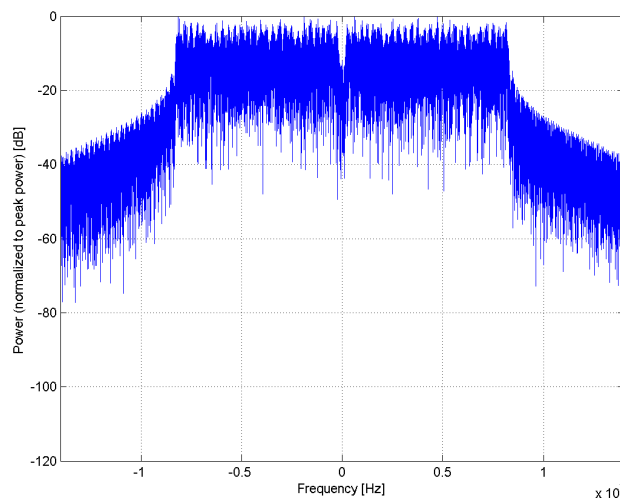
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10583-AAB
PAR: <sup>1</sup>	<b>8.59 dB</b>
MIF: <sup>2</sup>	<b>-6.10 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	BPSK
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

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

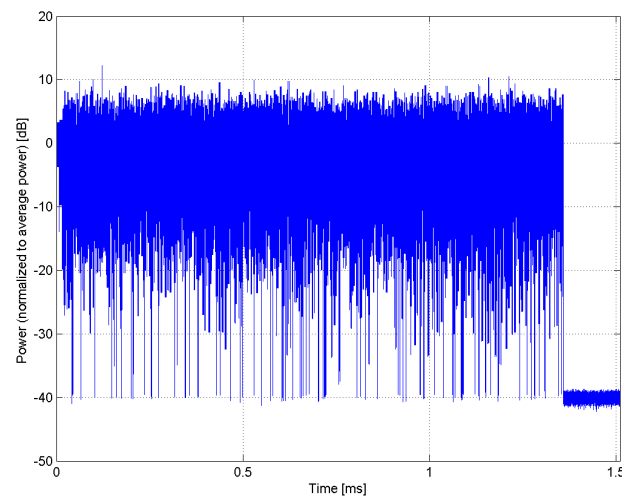
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

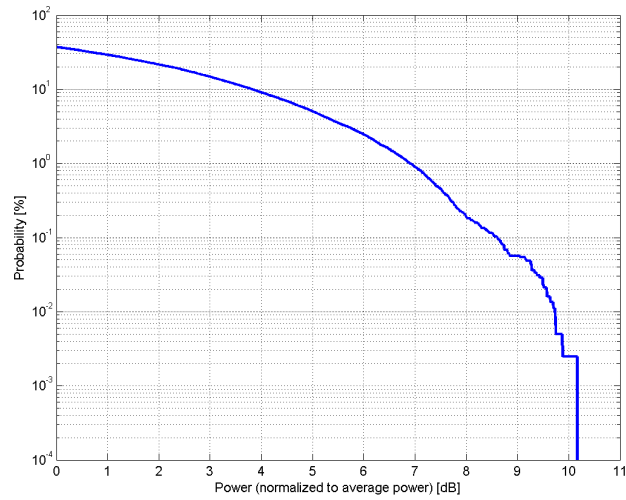
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Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10584-AAB
PAR: <sup>1</sup>	<b>8.60 dB</b>
MIF: <sup>2</sup>	<b>-6.64 dB</b>
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: 9Mbps
Bandwidth:	20.0 MHz
Integration Time:	1.0 ms

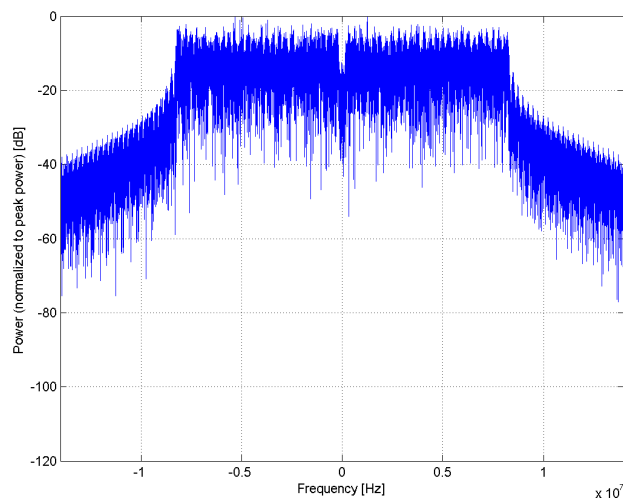
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

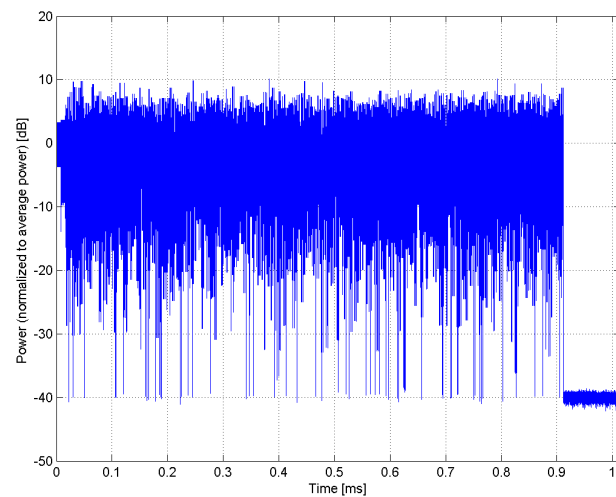




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



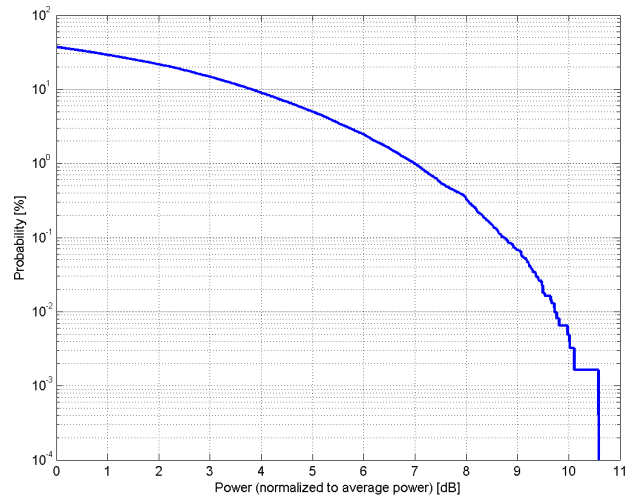
### Time Domain

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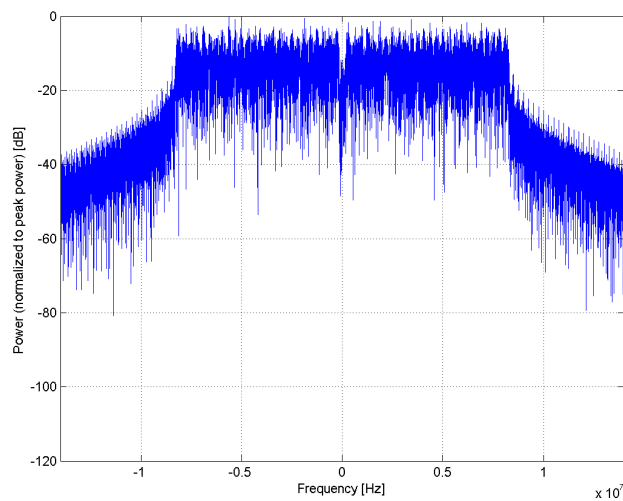
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10585-AAB
PAR: <sup>1</sup>	<b>8.70 dB</b>
MIF: <sup>2</sup>	<b>-7.19 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	QPSK
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

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

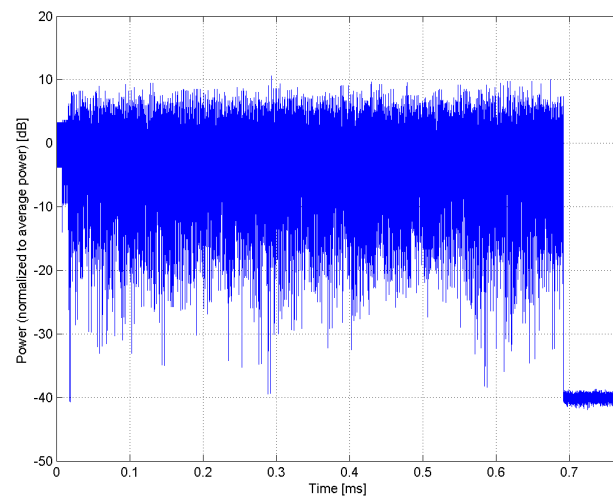
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



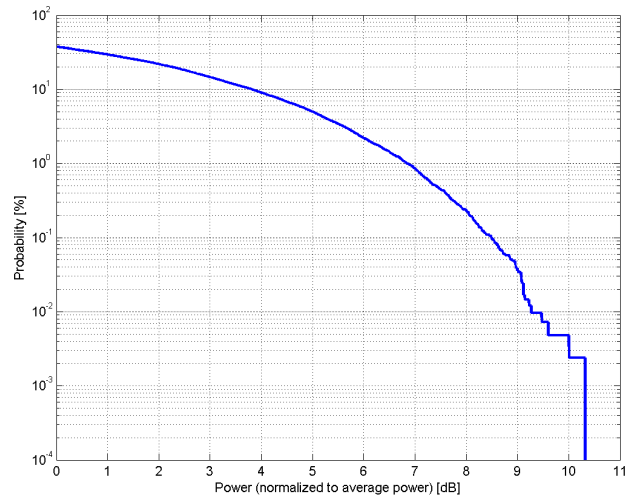
### Time Domain

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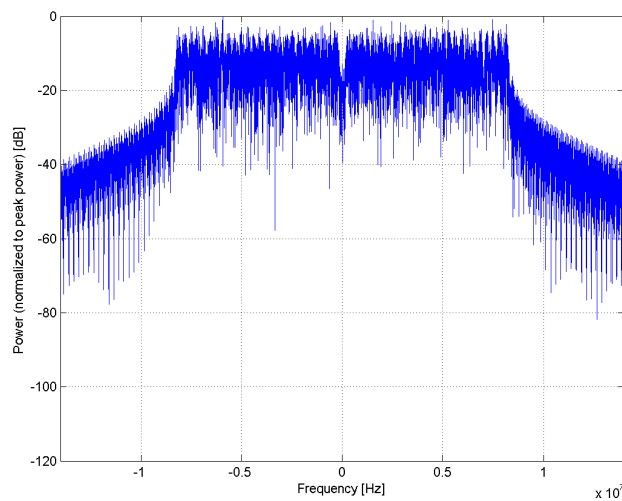
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10586-AAB
PAR: <sup>1</sup>	<b>8.49 dB</b>
MIF: <sup>2</sup>	<b>-8.19 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency 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

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

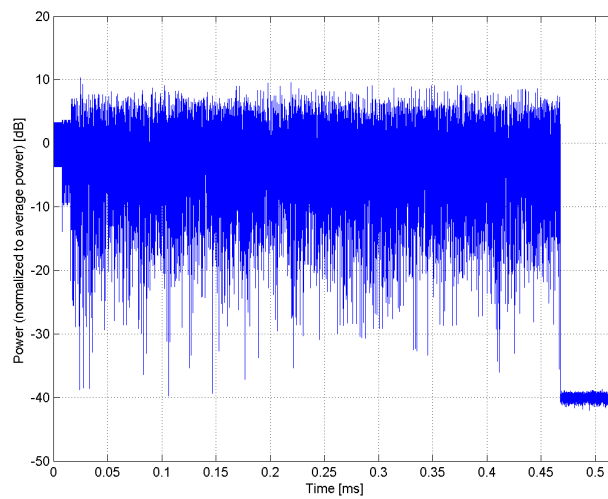
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



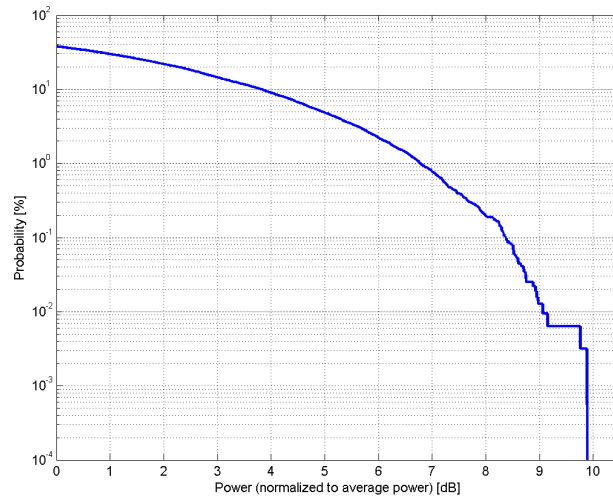
### Time Domain

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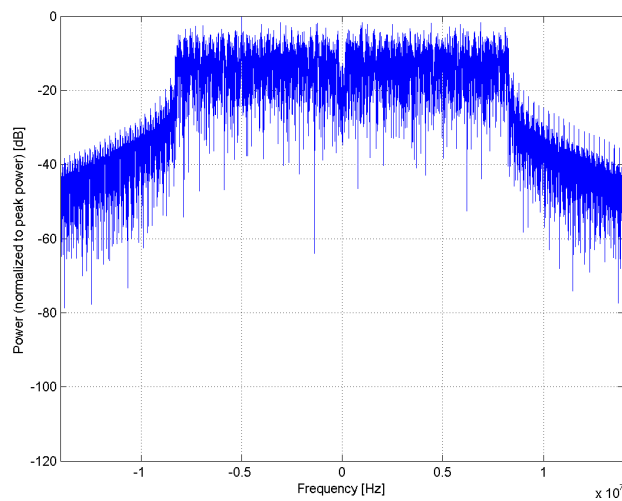
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10587-AAB
PAR: <sup>1</sup>	<b>8.36 dB</b>
MIF: <sup>2</sup>	<b>-9.30 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
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

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

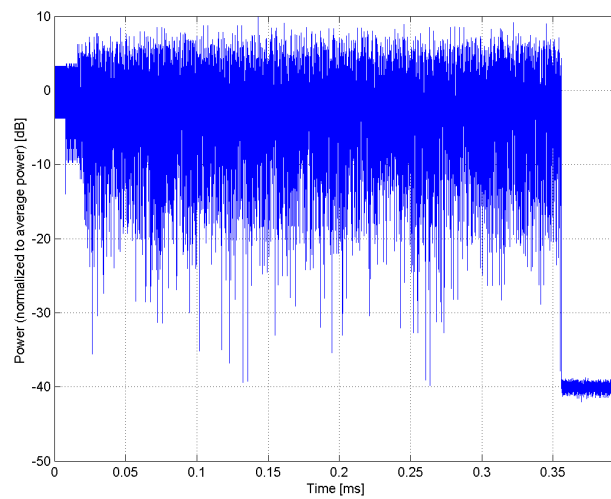
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

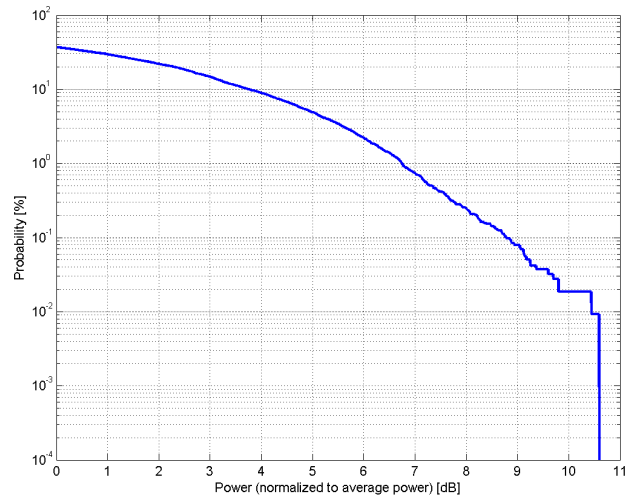
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Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10588-AAB
PAR: <sup>1</sup>	<b>8.76 dB</b>
MIF: <sup>2</sup>	<b>-11.10 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi 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

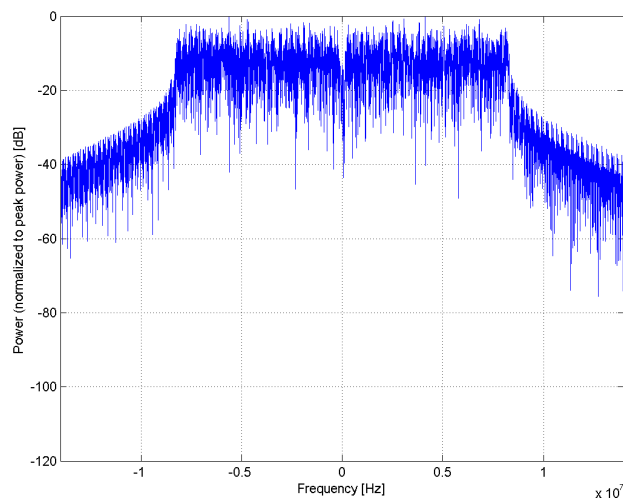
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

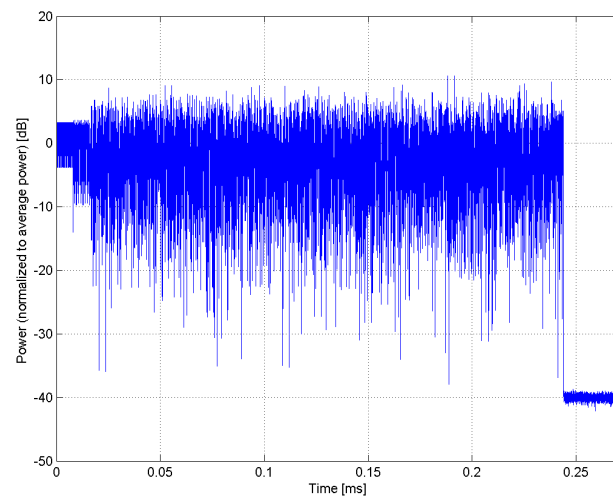




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



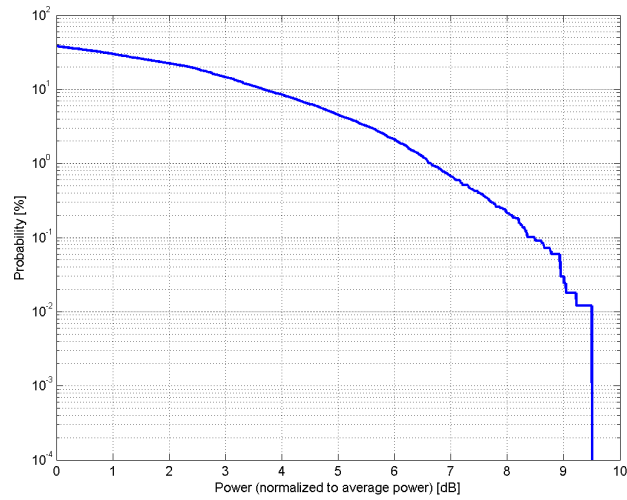
### Time Domain

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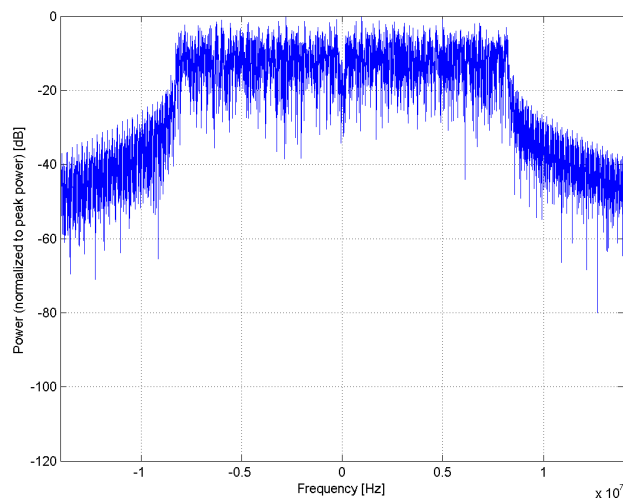
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10589-AAB
PAR: <sup>1</sup>	<b>8.35 dB</b>
MIF: <sup>2</sup>	<b>-12.77 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	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

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

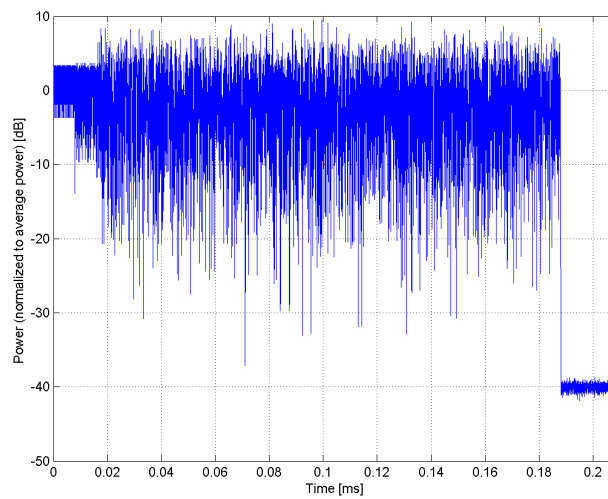
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



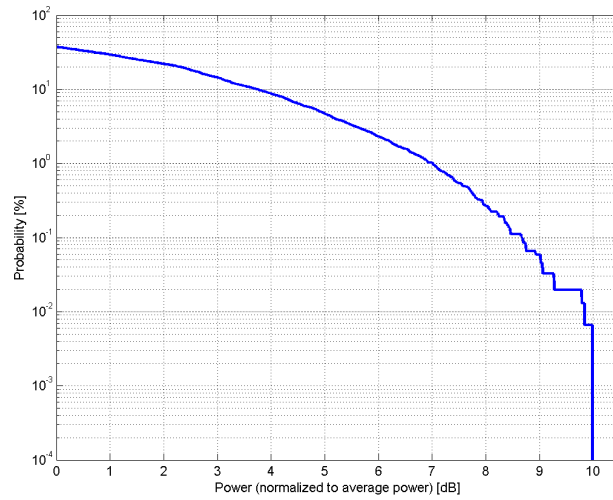
### Time Domain

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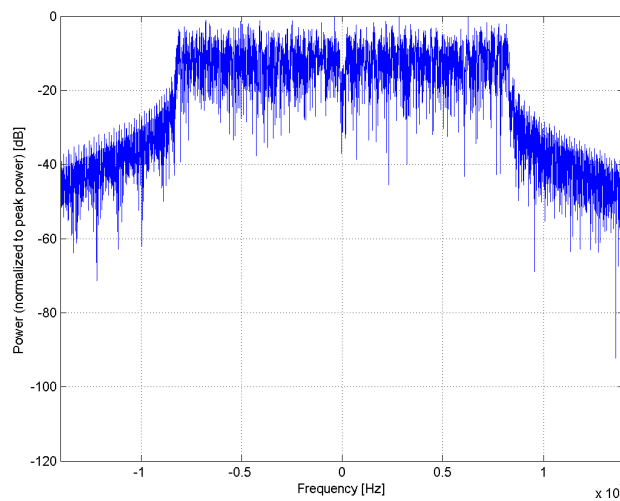
Name:	<b>IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)</b>
Group:	WLAN
UID:	10590-AAB
PAR: <sup>1</sup>	<b>8.67 dB</b>
MIF: <sup>2</sup>	<b>-13.22 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	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

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

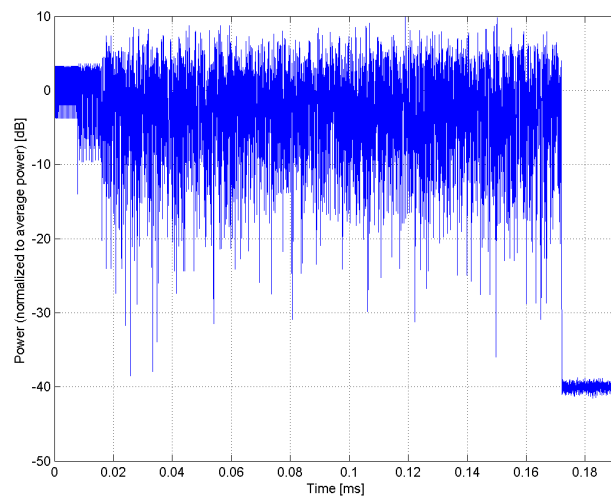
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



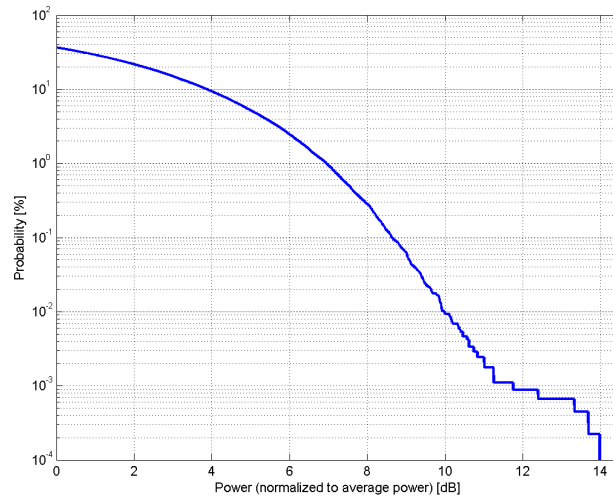
### Time Domain

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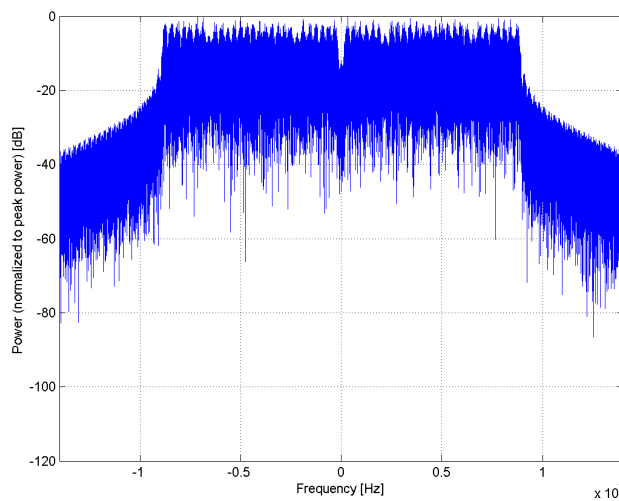
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)</b>
Group:	WLAN
UID:	10591-AAB
PAR: <sup>1</sup>	<b>8.63 dB</b>
MIF: <sup>2</sup>	<b>-5.59 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	BPSK
Frequency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

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

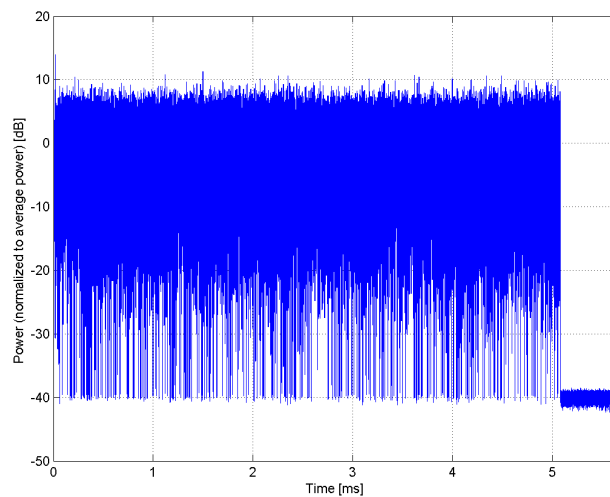
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

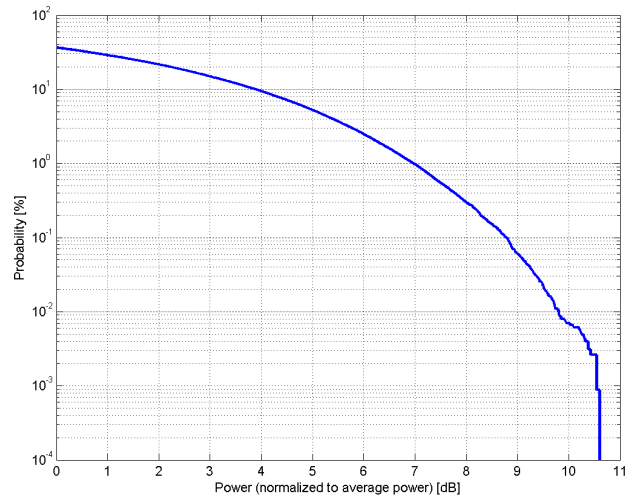
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Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)</b>
Group:	WLAN
UID:	10592-AAB
PAR: <sup>1</sup>	<b>8.79 dB</b>
MIF: <sup>2</sup>	<b>-5.61 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR 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

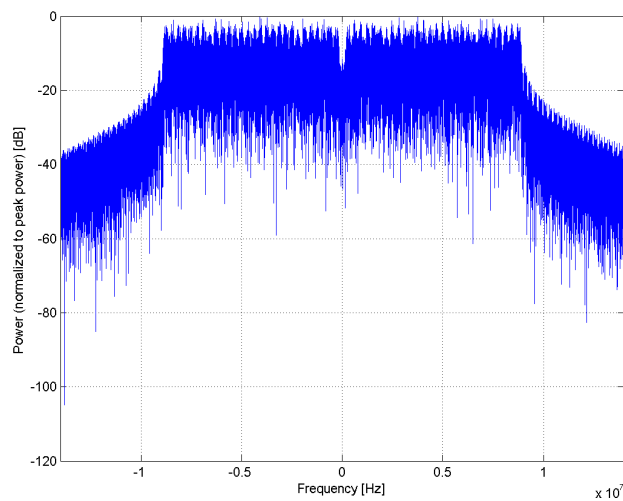
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

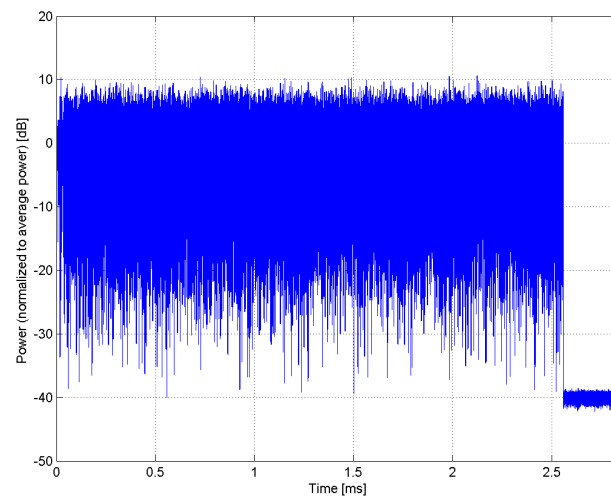




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



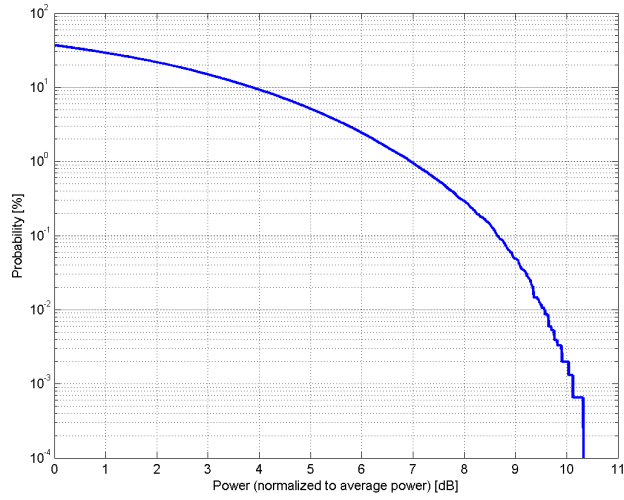
### Time Domain

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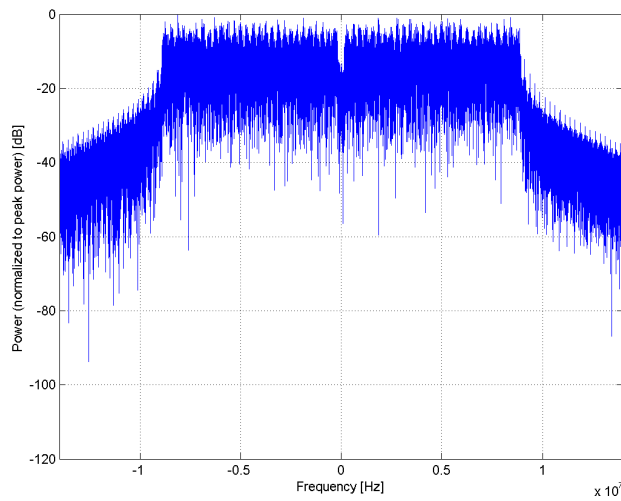
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)</b>
Group:	WLAN
UID:	10593-AAB
PAR: <sup>1</sup>	<b>8.64 dB</b>
MIF: <sup>2</sup>	<b>-5.84 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	QPSK
Frequency 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:	20.0 MHz
Integration Time:	1.9 ms

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

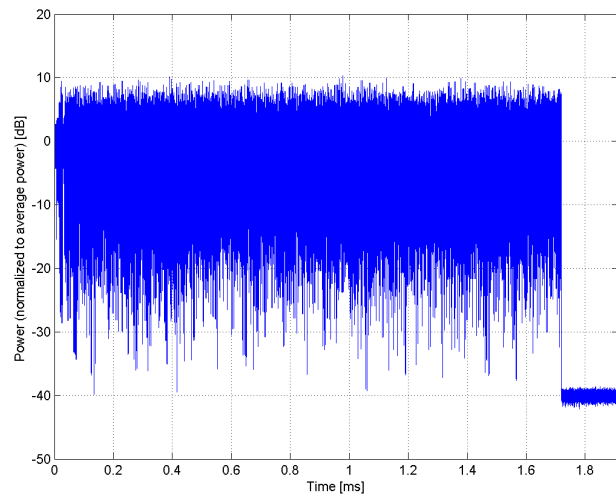
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



**Complementary Cumulative Distribution Function (CCDF)**



**Frequency Domain**



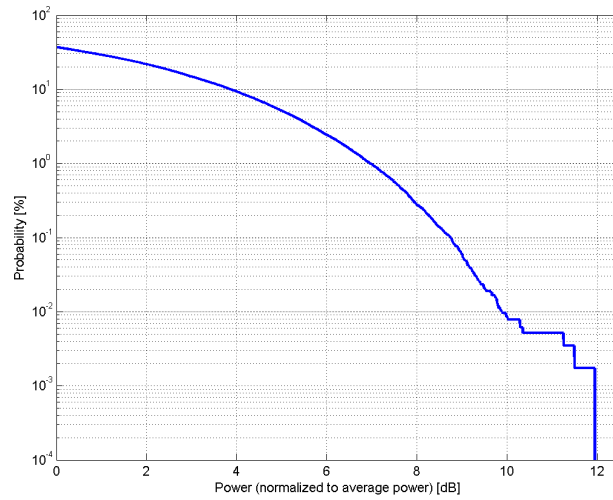
**Time Domain**

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Engineering AG**  
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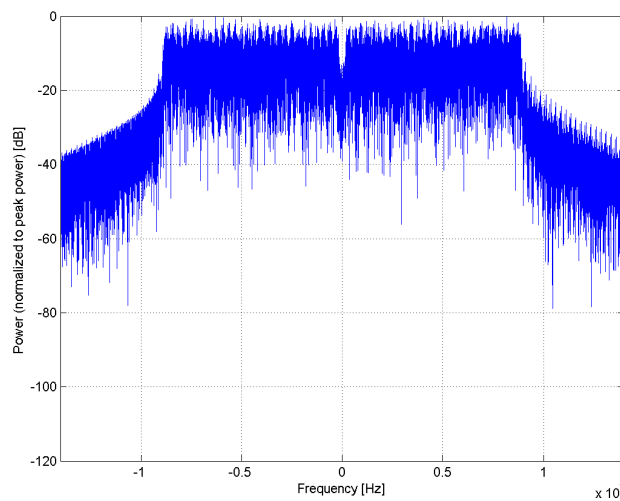
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)</b>
Group:	WLAN
UID:	10594-AAB
PAR: <sup>1</sup>	<b>8.74 dB</b>
MIF: <sup>2</sup>	<b>-6.17 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
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

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

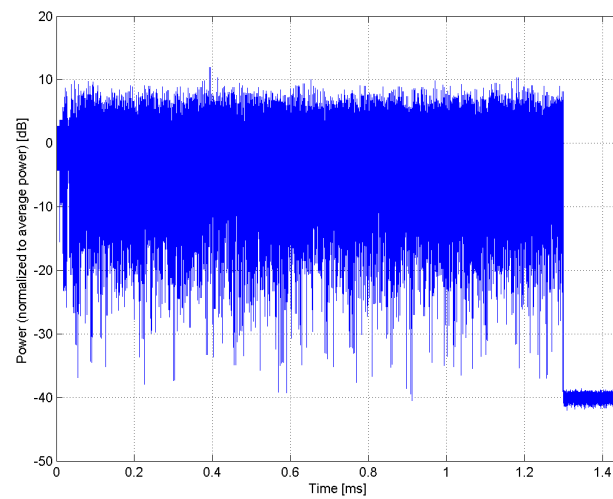
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



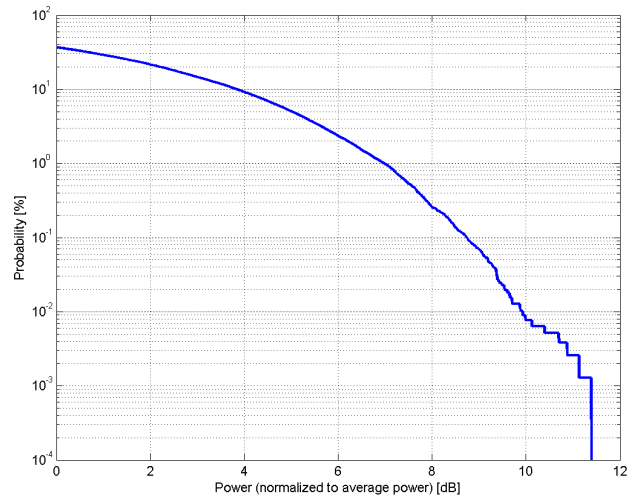
### Time Domain

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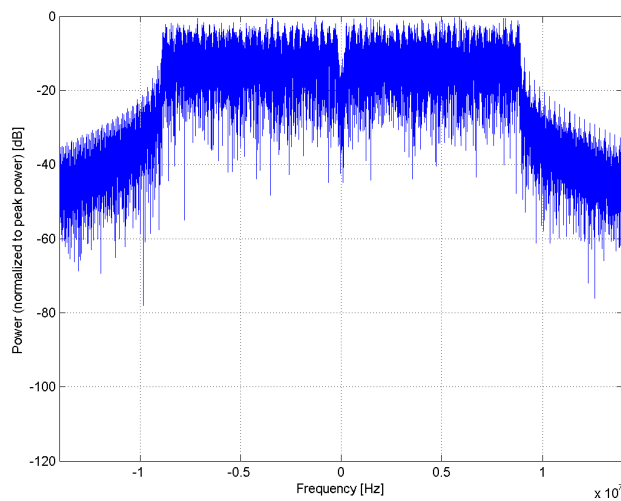
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)</b>
Group:	WLAN
UID:	10595-AAB
PAR: <sup>1</sup>	<b>8.74 dB</b>
MIF: <sup>2</sup>	<b>-6.72 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
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

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

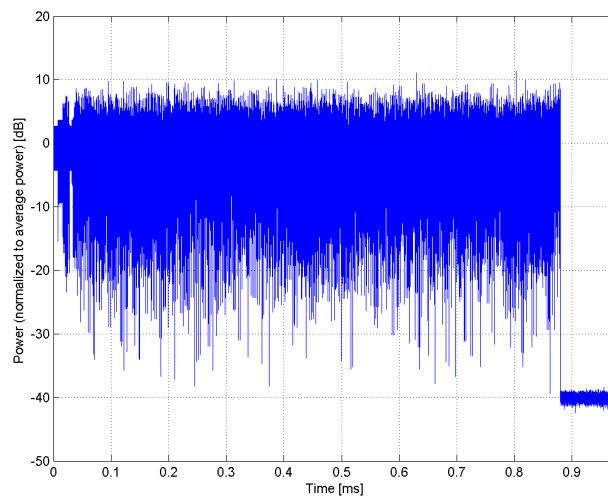
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

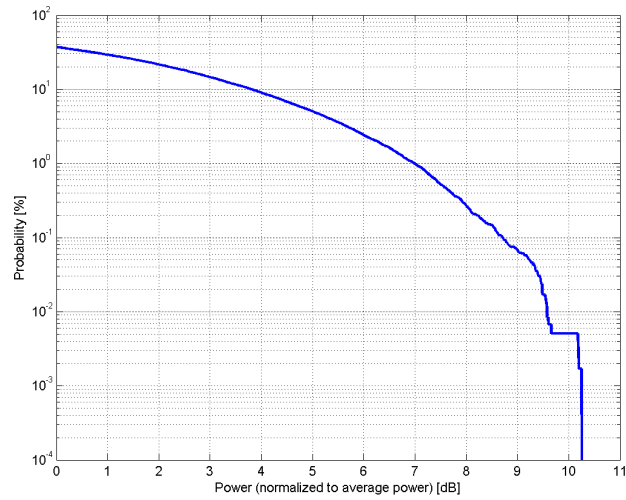
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Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)</b>
Group:	WLAN
UID:	10596-AAB
PAR: <sup>1</sup>	<b>8.71 dB</b>
MIF: <sup>2</sup>	<b>-7.25 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR 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
Bandwidth:	Guard interval: long 20.0 MHz
Integration Time:	0.7 ms

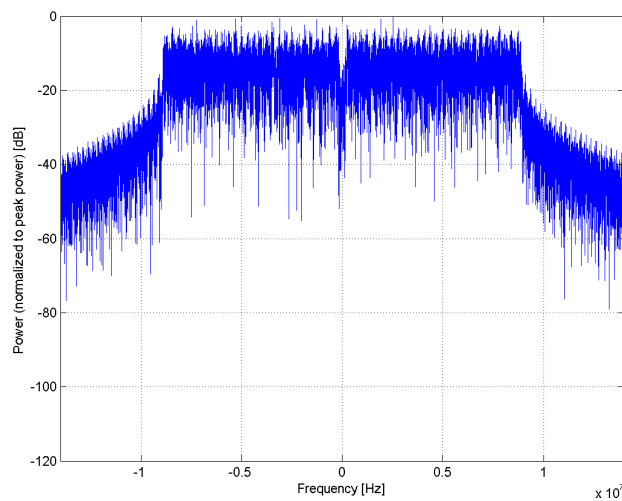
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

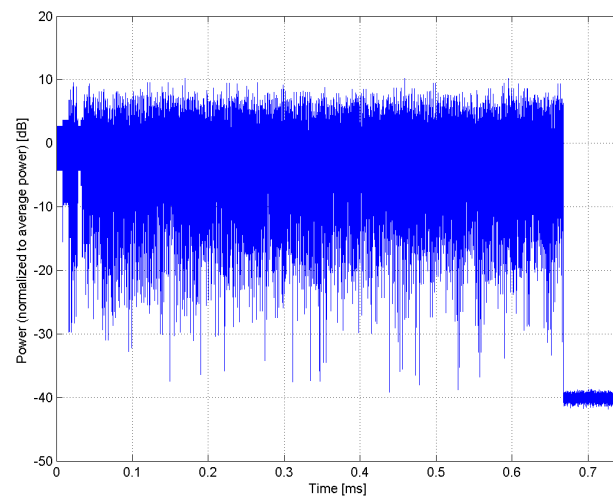




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



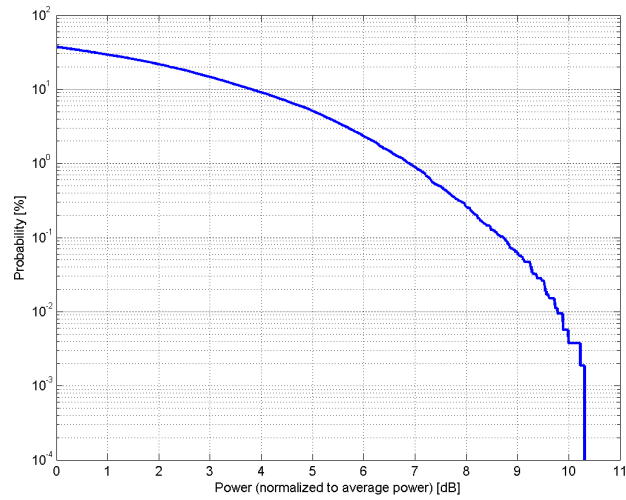
### Time Domain

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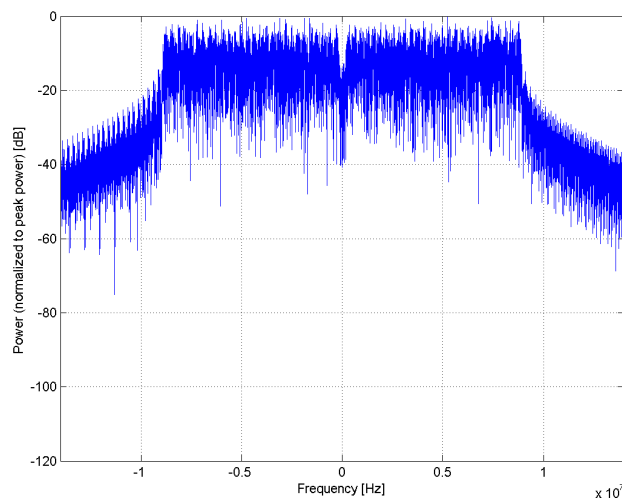
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)</b>
Group:	WLAN
UID:	10597-AAB
PAR: <sup>1</sup>	<b>8.72 dB</b>
MIF: <sup>2</sup>	<b>-7.54 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	64-QAM
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

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

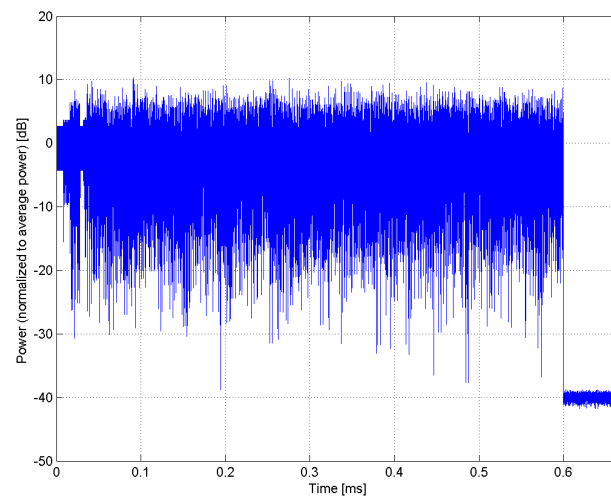
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



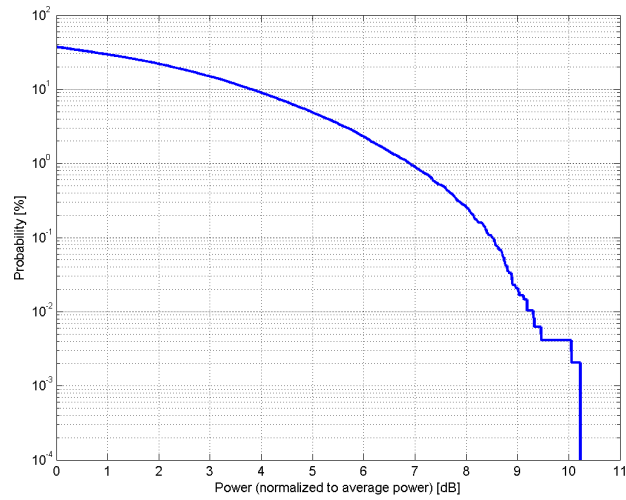
### Time Domain

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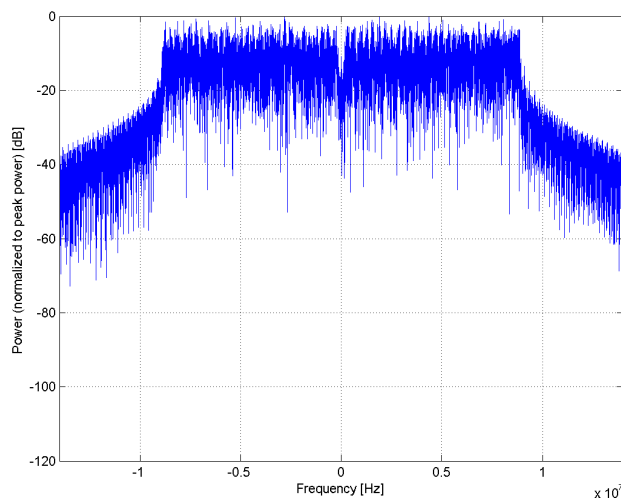
Name:	<b>IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)</b>
Group:	WLAN
UID:	10598-AAB
PAR: <sup>1</sup>	<b>8.50 dB</b>
MIF: <sup>2</sup>	<b>-7.86 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	64-QAM
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

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

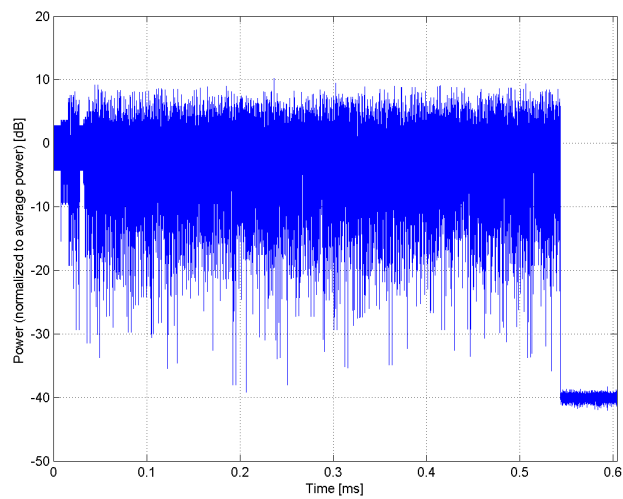
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



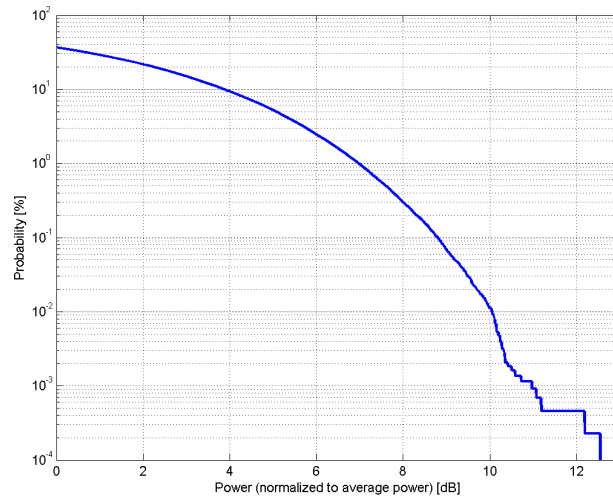
### Time Domain

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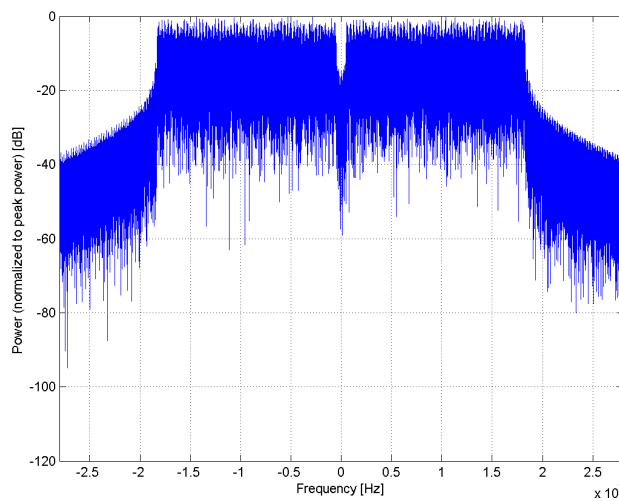
Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)</b>
Group:	WLAN
UID:	10599-AAB
PAR: <sup>1</sup>	<b>8.79 dB</b>
MIF: <sup>2</sup>	<b>-5.59 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	BPSK
Frequency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

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

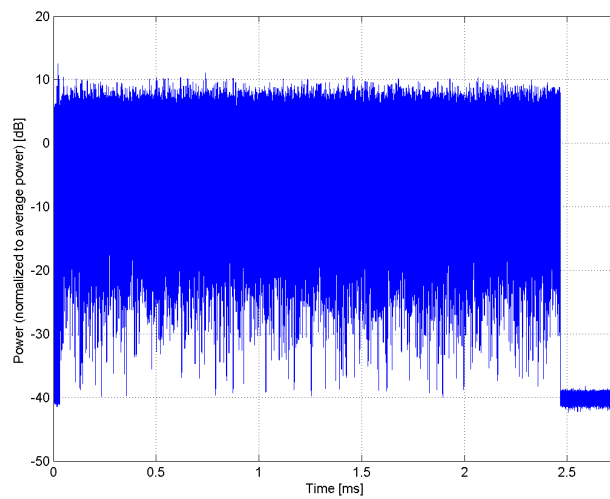
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

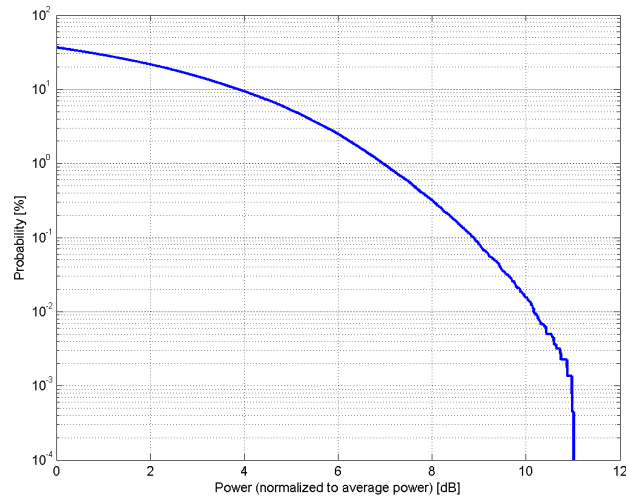
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Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)</b>
Group:	WLAN
UID:	10600-AAB
PAR: <sup>1</sup>	<b>8.88 dB</b>
MIF: <sup>2</sup>	<b>-6.06 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR 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

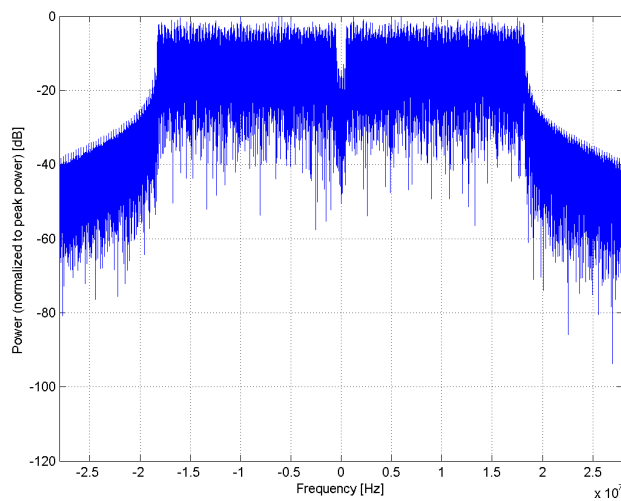
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

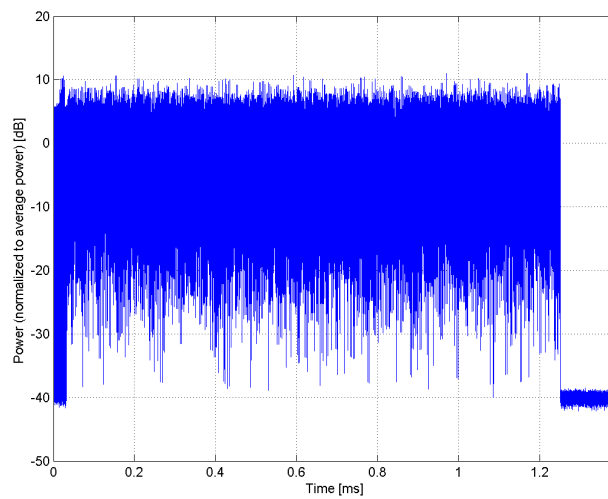




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



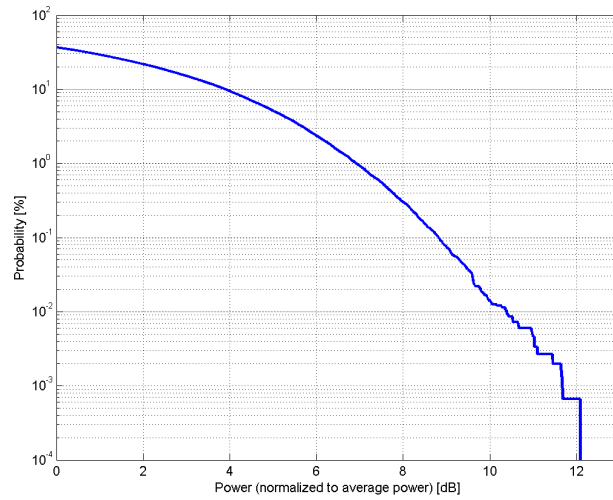
### Time Domain

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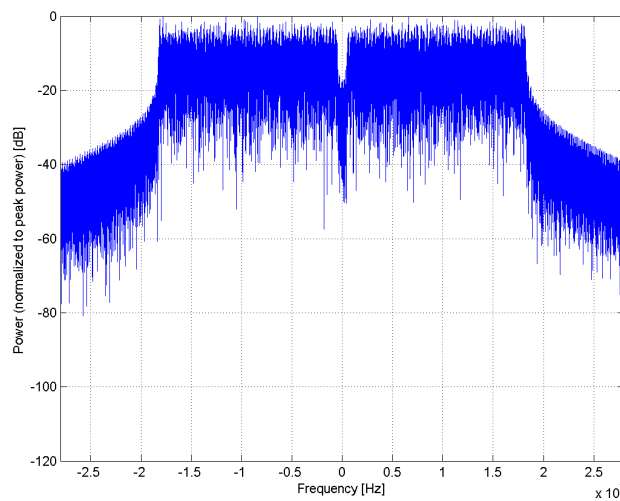
Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)</b>
Group:	WLAN
UID:	10601-AAB
PAR: <sup>1</sup>	<b>8.82 dB</b>
MIF: <sup>2</sup>	<b>-6.59 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency 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 40.0 MHz
Integration Time:	0.9 ms

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

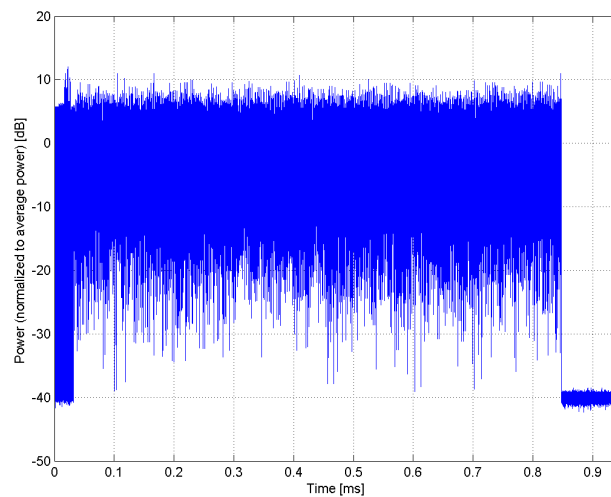
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



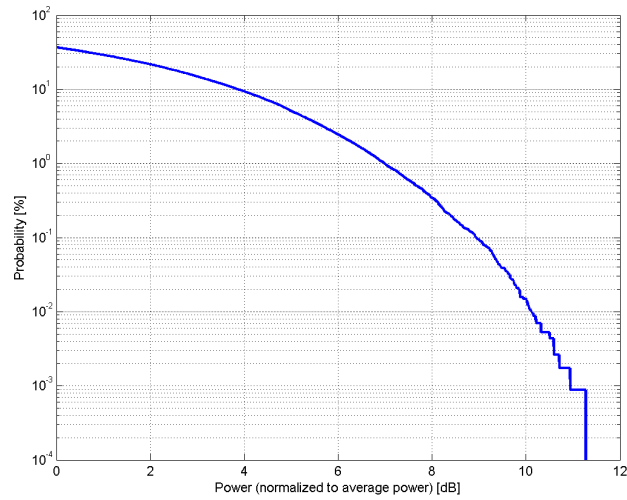
### Time Domain

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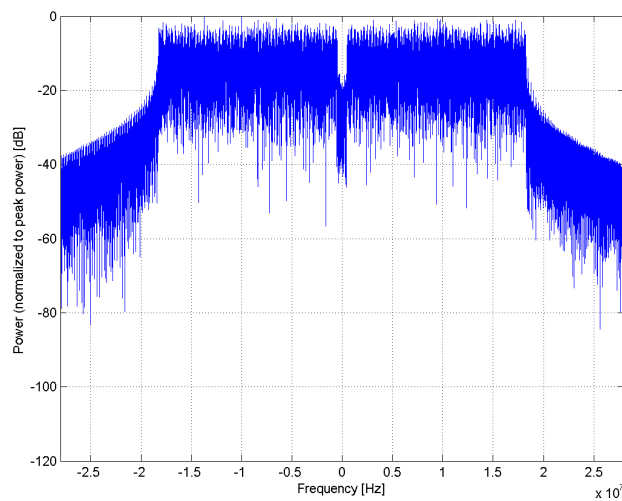
Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)</b>
Group:	WLAN
UID:	10602-AAB
PAR: <sup>1</sup>	<b>8.94 dB</b>
MIF: <sup>2</sup>	<b>-7.17 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
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 40.0 MHz
Integration Time:	0.7 ms

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

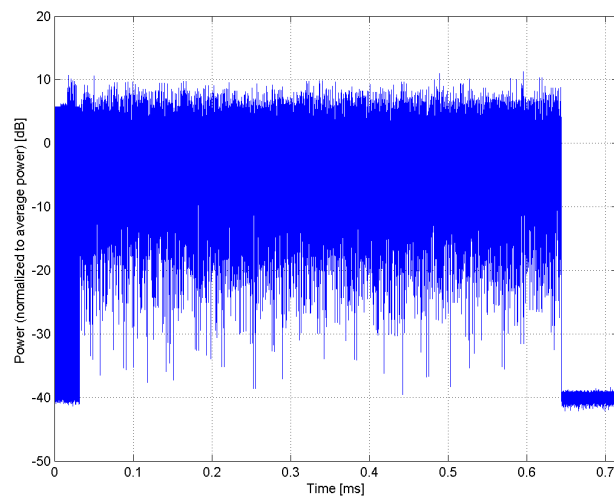
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



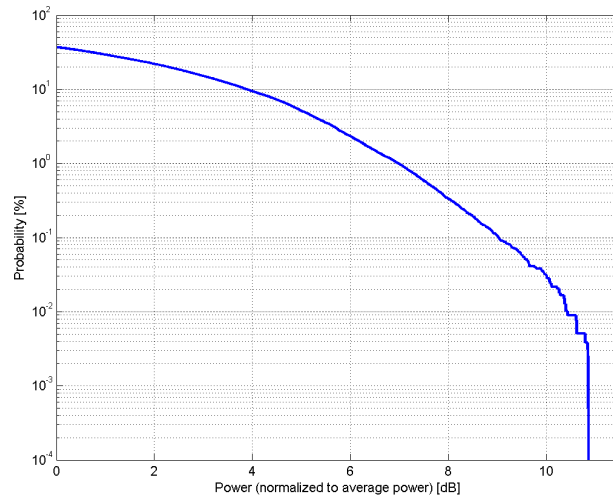
### Time Domain

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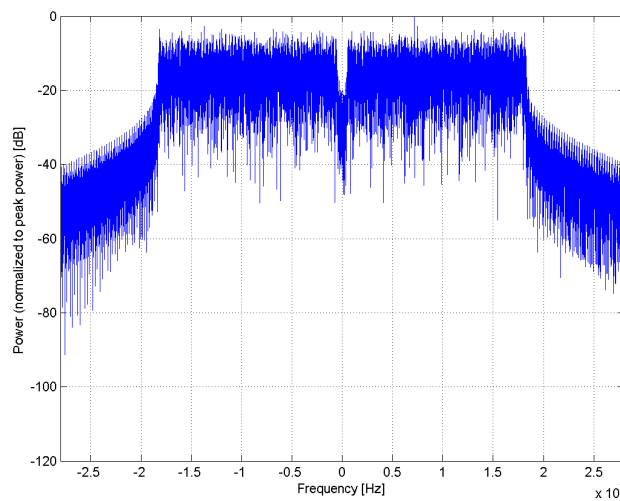
Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)</b>
Group:	WLAN
UID:	10603-AAB
PAR: <sup>1</sup>	<b>9.03 dB</b>
MIF: <sup>2</sup>	<b>-8.03 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	16-QAM
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 40.0 MHz
Integration Time:	0.5 ms

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

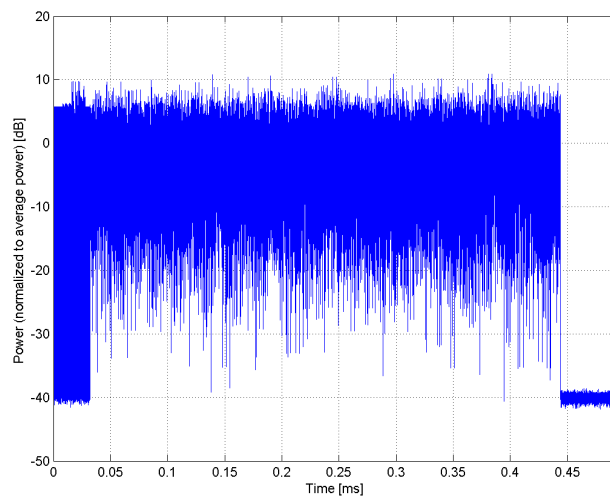
<sup>2</sup> Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

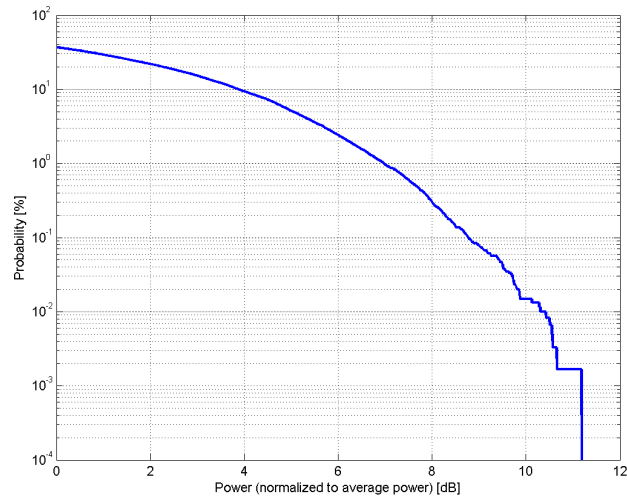
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Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)</b>
Group:	WLAN
UID:	10604-AAB
PAR: <sup>1</sup>	<b>8.76 dB</b>
MIF: <sup>2</sup>	<b>-8.65 dB</b>
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR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

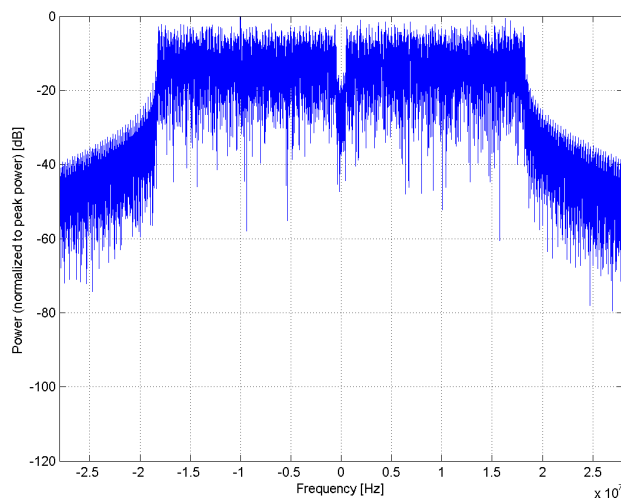
<sup>1</sup> PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"

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

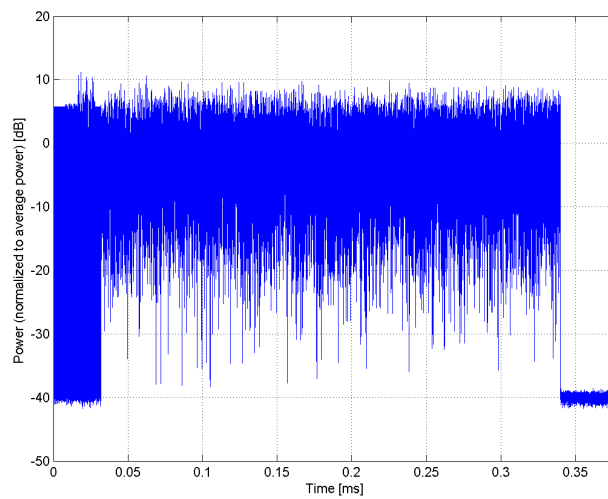




### Complementary Cumulative Distribution Function (CCDF)



### Frequency Domain



### Time Domain

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Name:	<b>IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)</b>
Group:	WLAN
UID:	10605-AAB
PAR: <sup>1</sup>	<b>8.97 dB</b>
MIF: <sup>2</sup>	<b>-9.23 dB</b>
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

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

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