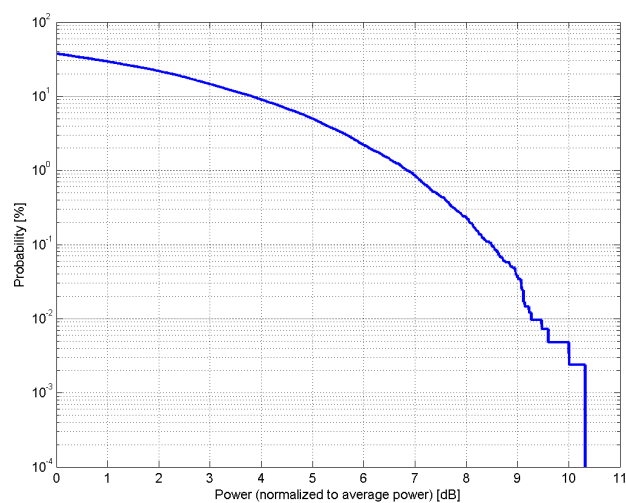


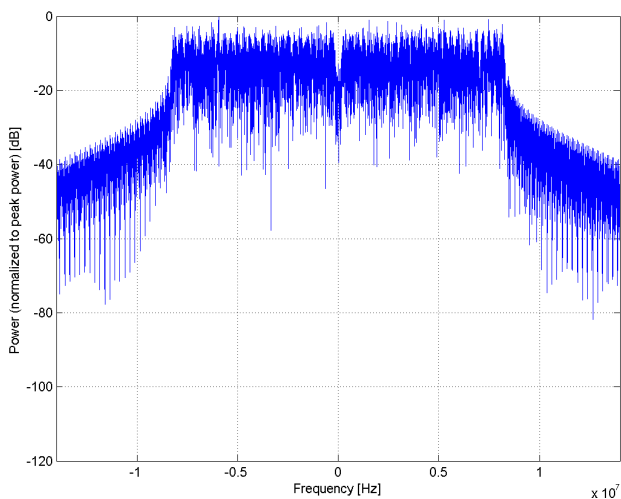
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11a/h Wi-Fi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)
Group:	WLAN
UID:	10586-AAB
PAR: ¹	8.49 dB
MIF: ²	-8.19 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	QPSK
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Duty cycle: 90%
	PSDU length: 1000 bytes
	Data Rate: 18Mbps
Bandwidth:	20.0 MHz
Integration Time:	0.5 ms

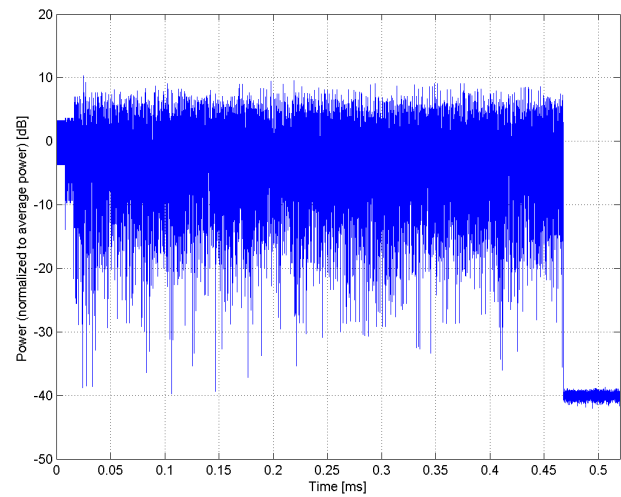
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: IEEE 802.11a/h Wi-Fi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)

Group: WLAN
UID: 10587-AAB

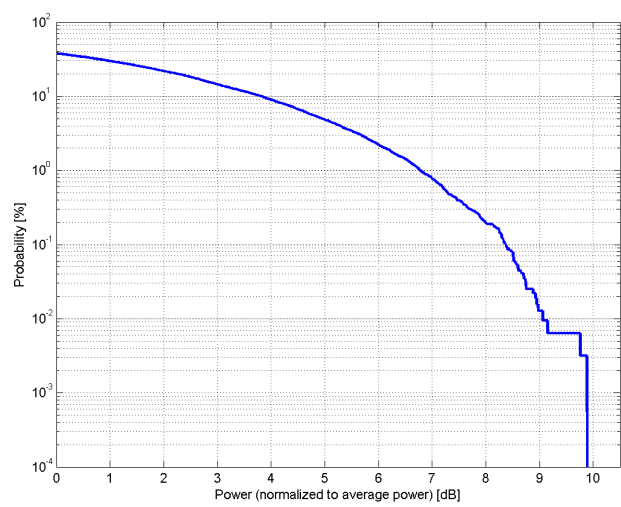
PAR: ¹ 8.36 dB
MIF: ² -9.30 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

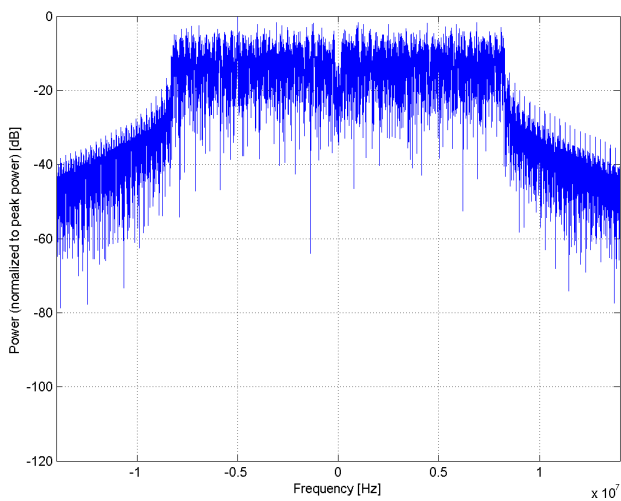
Detailed Specification: Duty cycle: 90%
PSDU length: 1000 bytes
Data Rate: 24Mbps

Bandwidth: 20.0 MHz
Integration Time: 0.4 ms

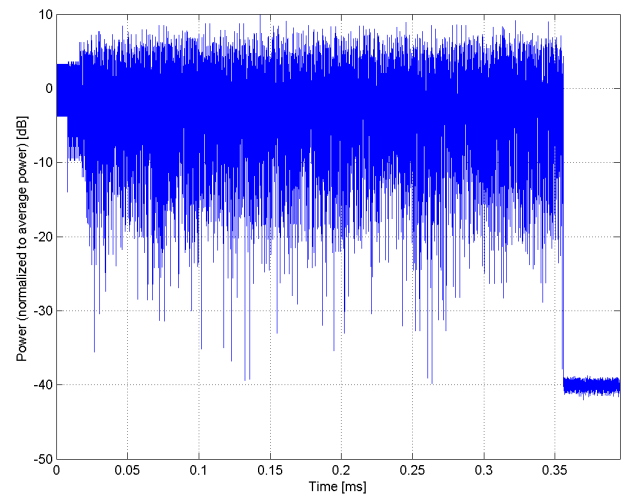
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11a/h Wi-Fi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)**

Group: WLAN
UID: 10588-AAB

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

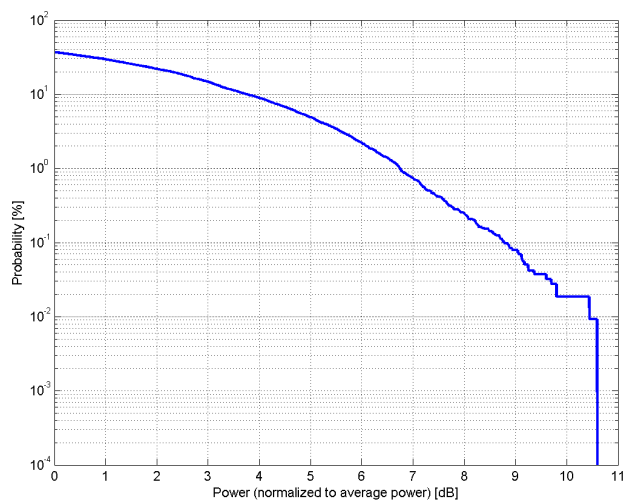
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

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

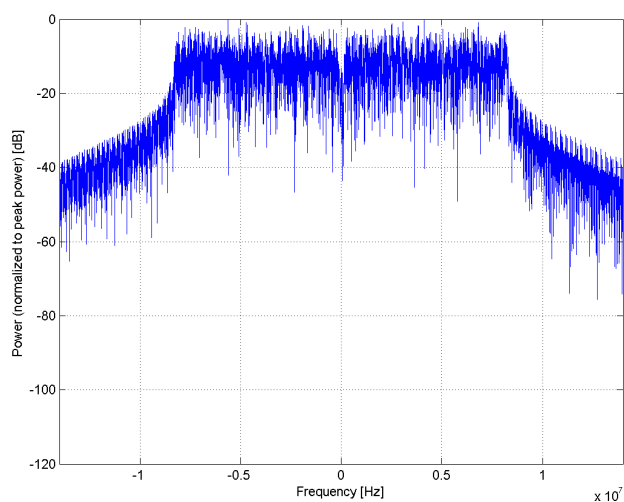
Bandwidth: Data Rate: 36Mbps
20.0 MHz

Integration Time: 0.3 ms

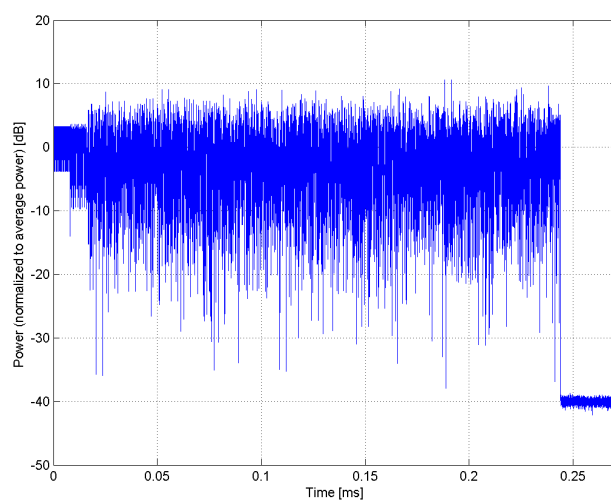
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11a/h Wi-Fi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)**

Group: WLAN
UID: 10589-AAB

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

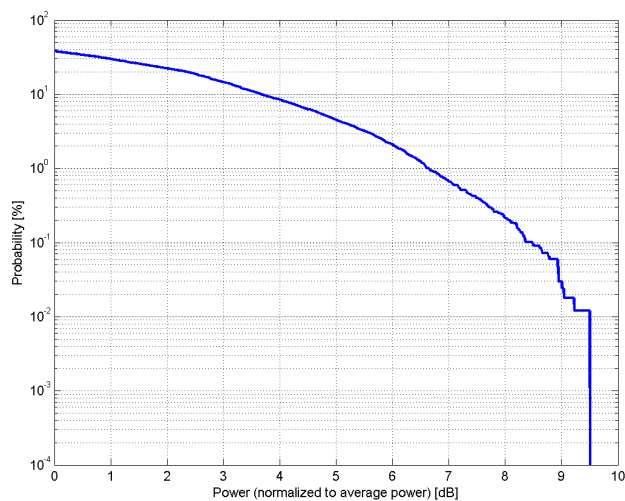
Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

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

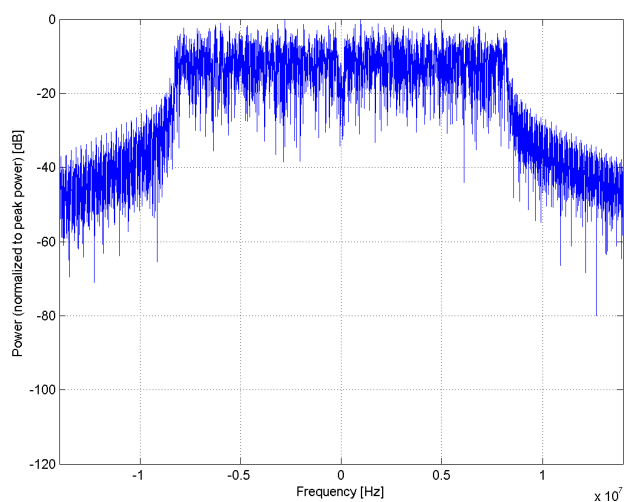
Bandwidth: Data Rate: 48Mbps
20.0 MHz

Integration Time: 0.2 ms

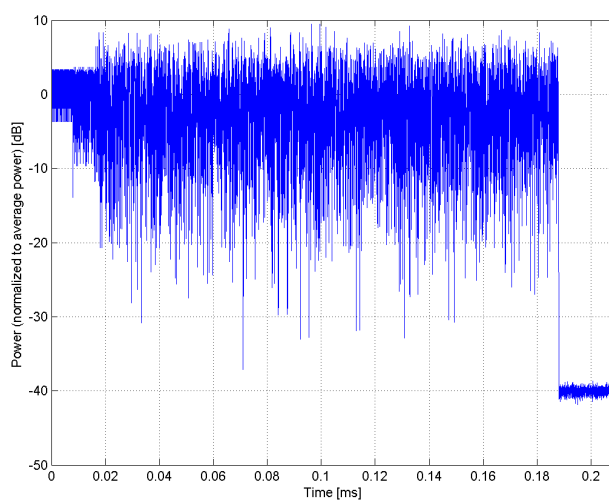
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11a/h Wi-Fi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)**

Group: WLAN
UID: 10590-AAB

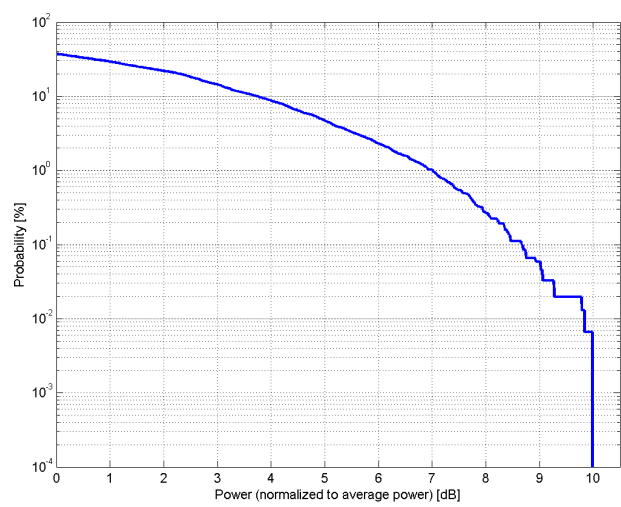
PAR: ¹ **8.67 dB**
MIF: ² **-13.22 dB**

Standard Reference: IEEE 802.11-2012
Category: FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation: Random amplitude 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)

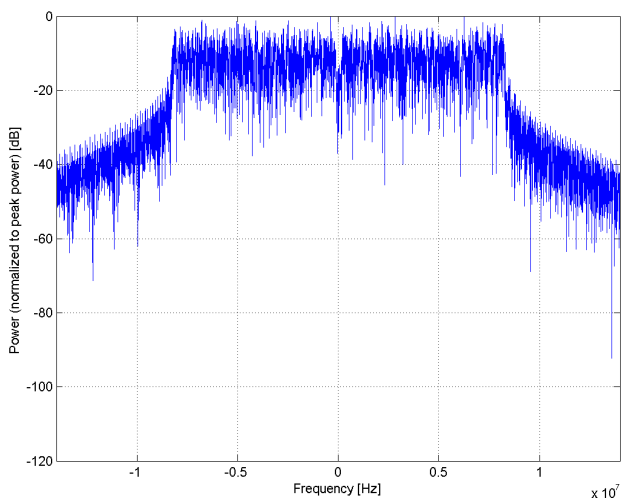
Detailed Specification: Duty cycle: 90%
PSDU length: 1000 bytes

Bandwidth: Data Rate: 54Mbps
20.0 MHz
Integration Time: 0.2 ms

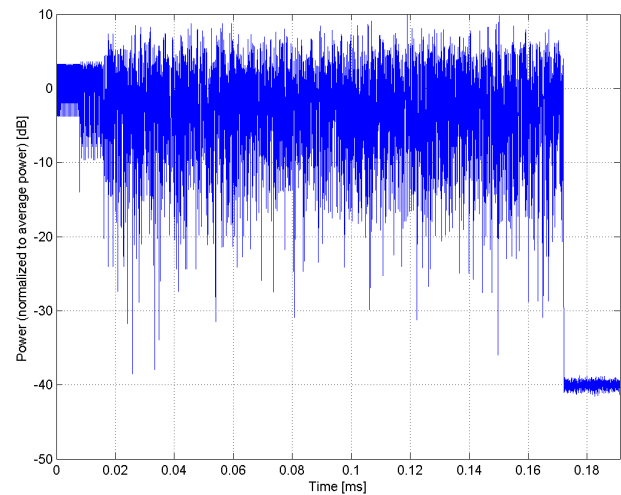
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



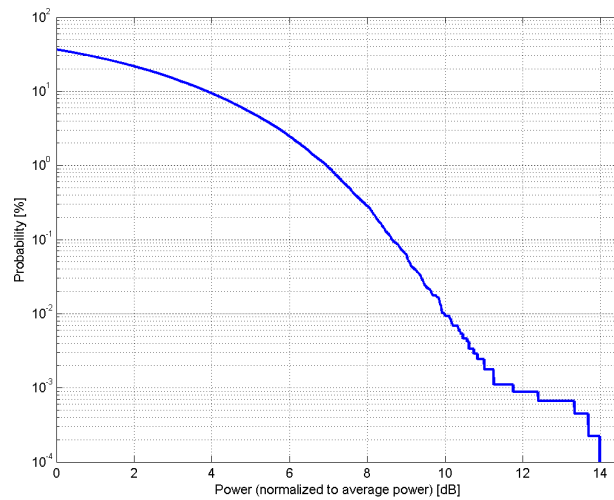
Time Domain

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

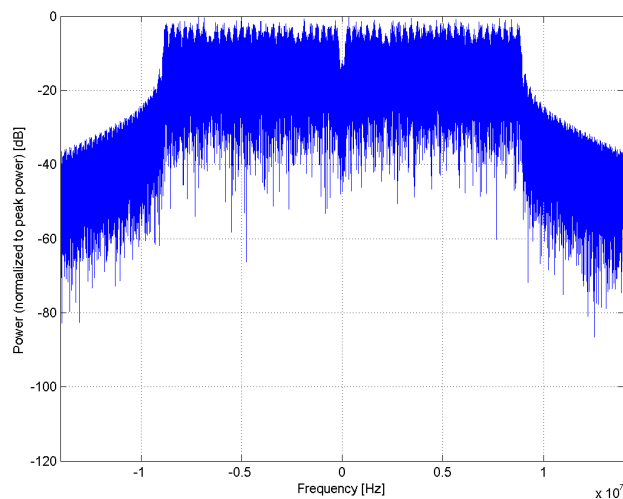
Name:	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)
Group:	WLAN
UID:	10591-AAB
PAR: ¹	8.63 dB
MIF: ²	-5.59 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	BPSK
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Duty cycle: 90%
	MPDU length: 4096 bytes
	MCS: 0
	Guard interval: long
Bandwidth:	20.0 MHz
Integration Time:	5.6 ms

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

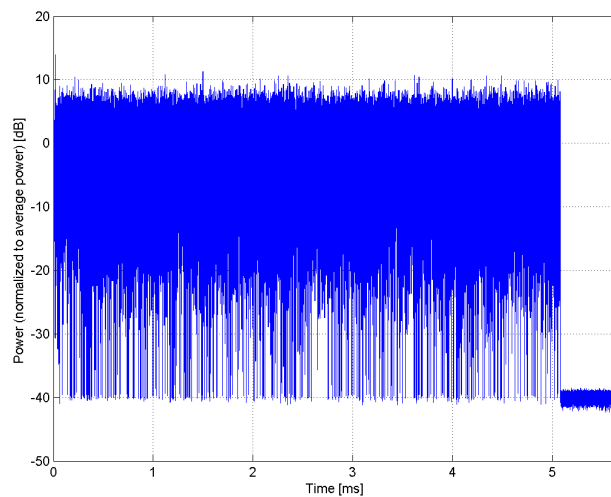
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



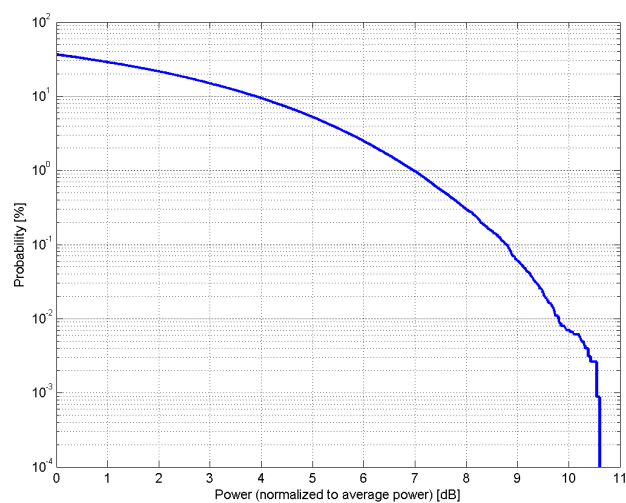
Time Domain

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

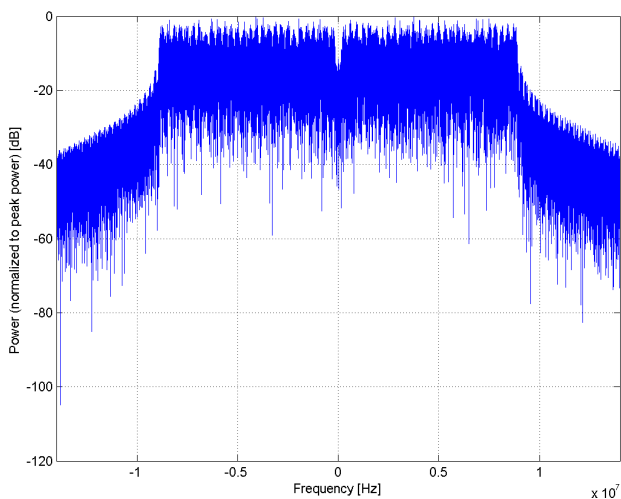
Name:	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)
Group:	WLAN
UID:	10592-AAB
PAR: ¹	8.79 dB
MIF: ²	-5.61 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	QPSK
	WLAN 2.4GHz (2412.0 - 2484.0 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: 1
	Guard interval: long
Bandwidth:	20.0 MHz
Integration Time:	2.8 ms

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

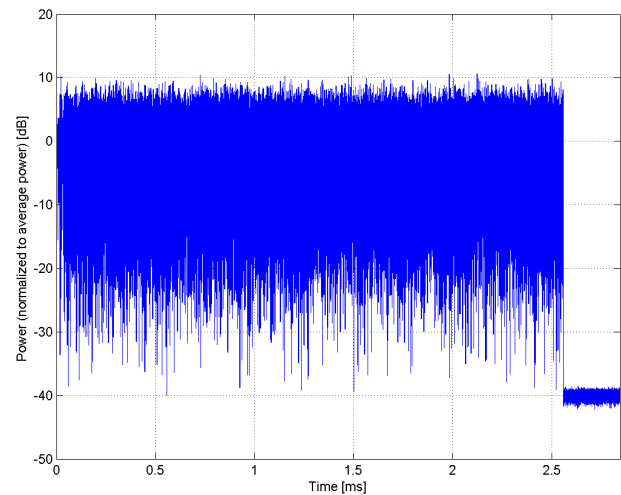
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10593-AAB

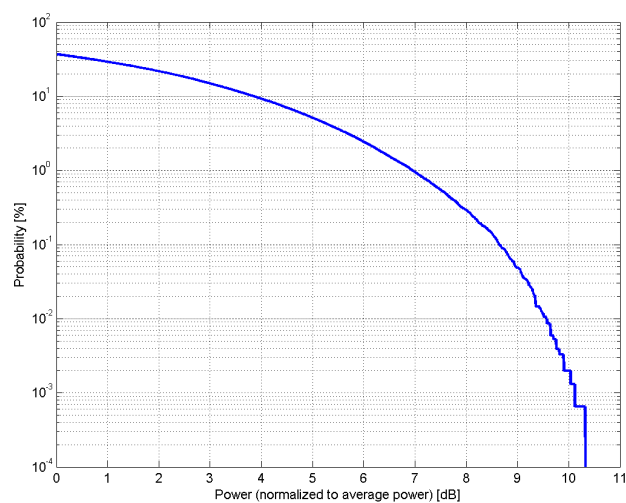
PAR: ¹ 8.64 dB
MIF: ² -5.84 dB

Standard Reference: IEEE 802.11-2012
Category: FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation: Random amplitude modulation
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)

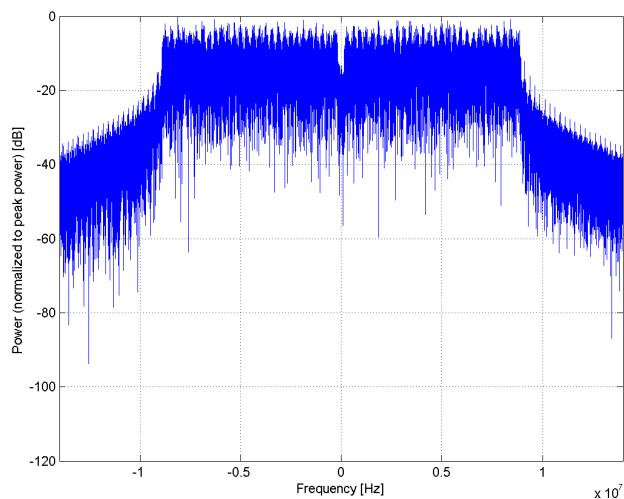
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 2

Bandwidth: Guard interval: long
20.0 MHz
Integration Time: 1.9 ms

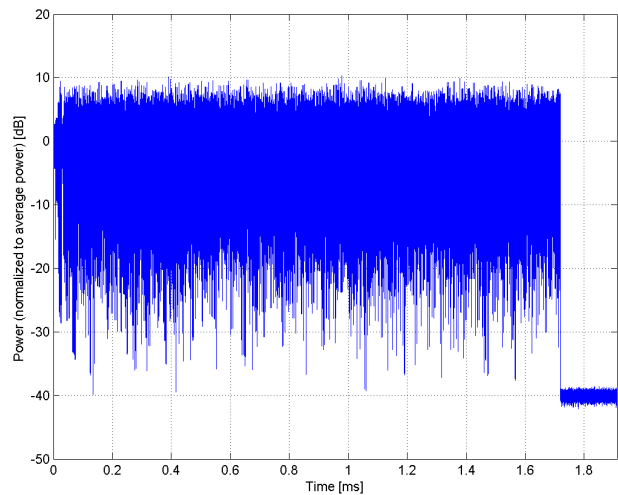
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10594-AAB

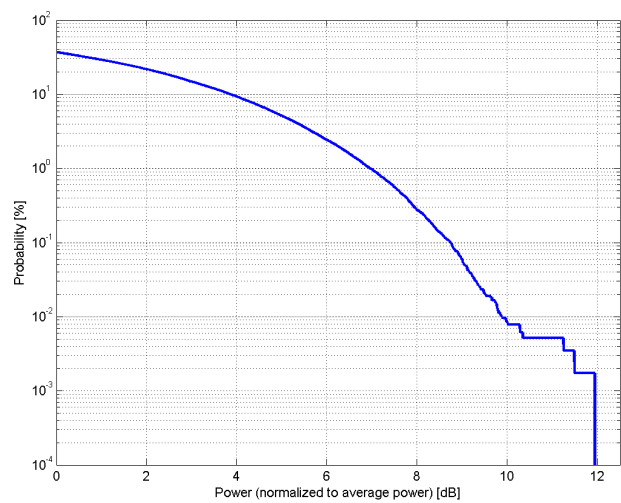
PAR: ¹ **8.74 dB**
MIF: ² **-6.17 dB**

Standard Reference: IEEE 802.11-2012
Category: FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation: Random amplitude modulation
16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

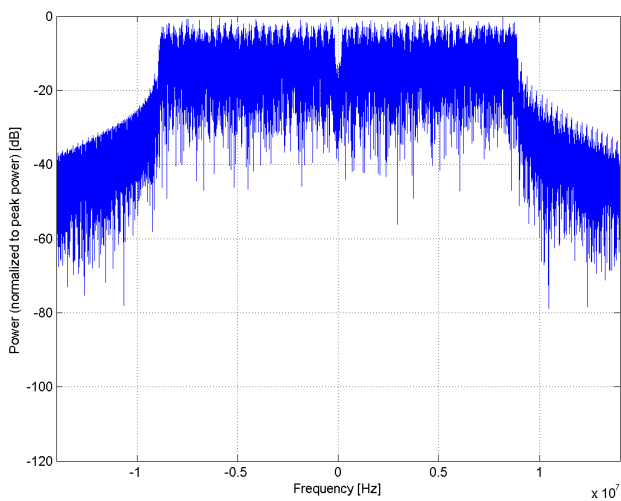
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 3

Bandwidth: Guard interval: long
20.0 MHz
Integration Time: 1.4 ms

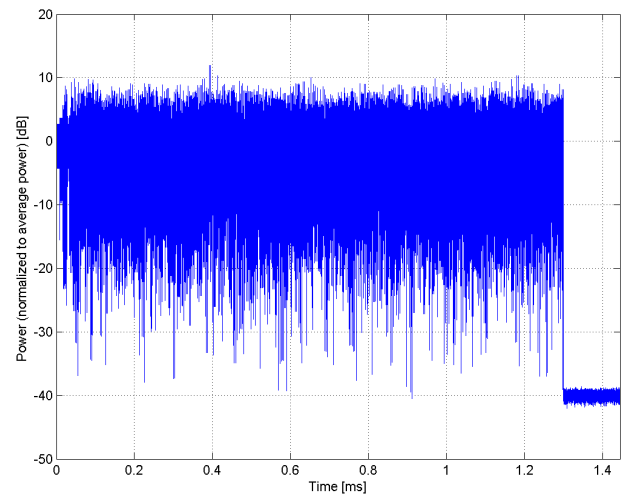
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10595-AAB

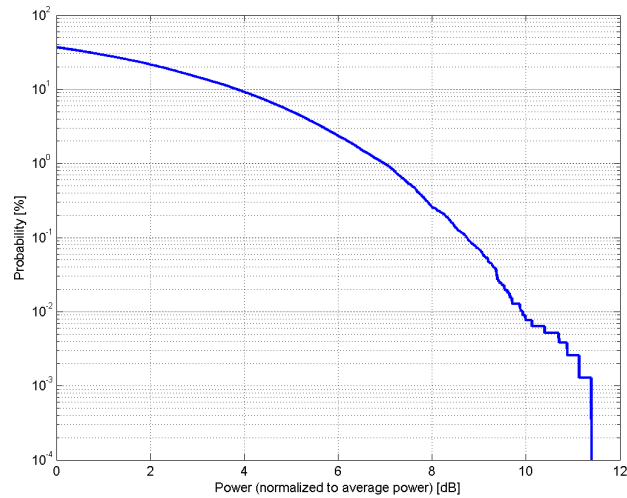
PAR: ¹ **8.74 dB**
MIF: ² **-6.72 dB**

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

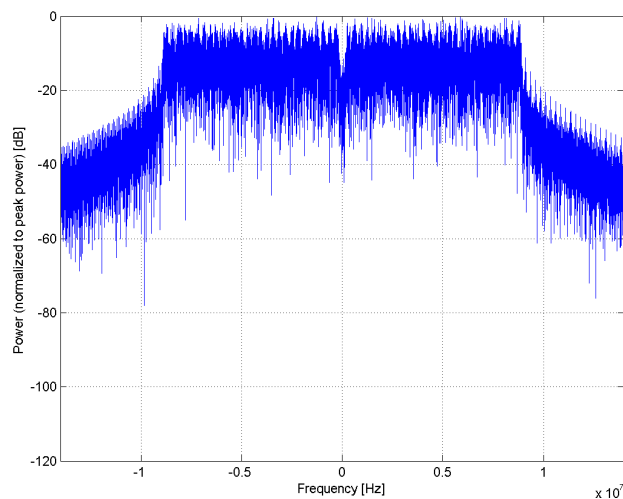
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 4

Bandwidth: Guard interval: long
20.0 MHz
Integration Time: 1.0 ms

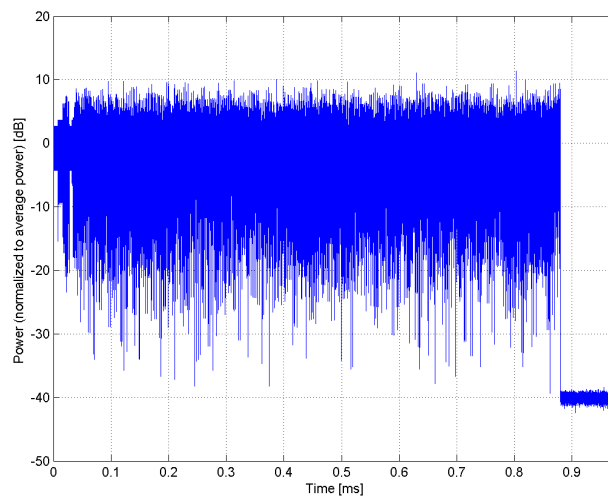
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10596-AAB

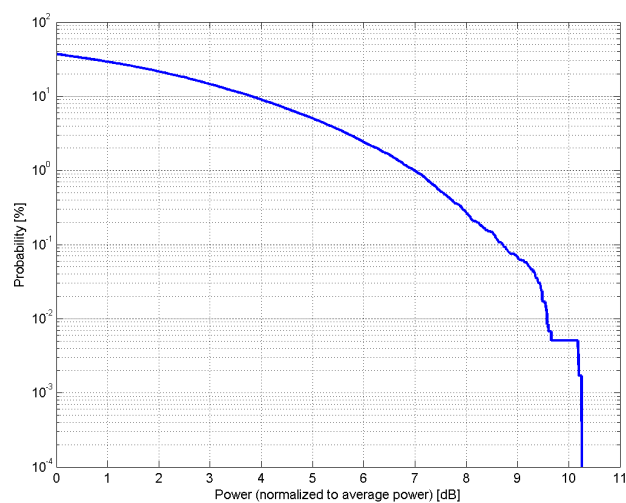
PAR: ¹ 8.71 dB
MIF: ² -7.25 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

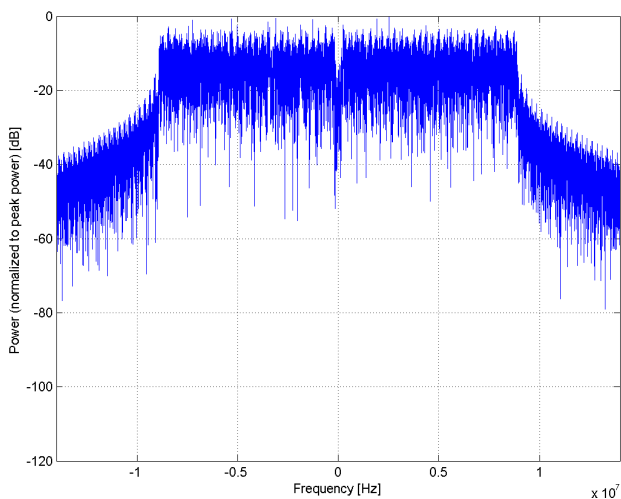
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 5

Bandwidth: Guard interval: long
20.0 MHz
Integration Time: 0.7 ms

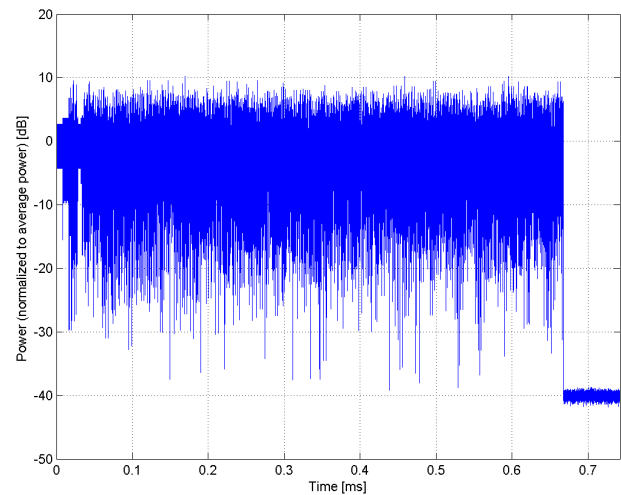
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

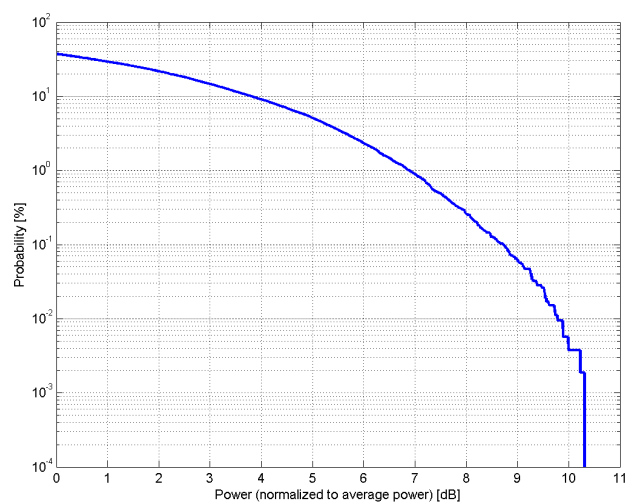


Time Domain

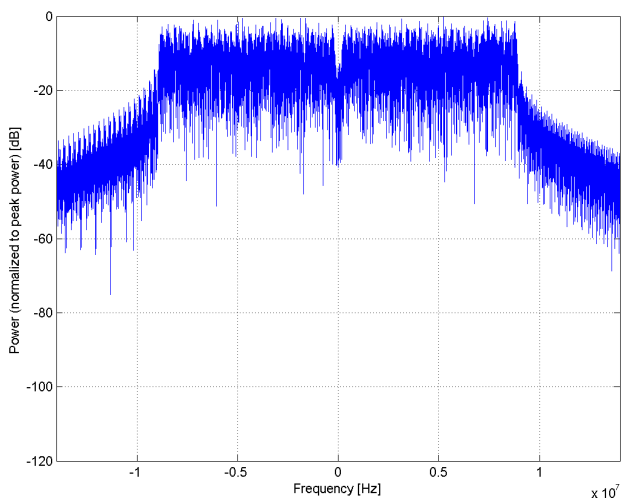
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)
Group:	WLAN
UID:	10597-AAB
PAR: ¹	8.72 dB
MIF: ²	-7.54 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
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:	Duty cycle: 90%
	MPDU length: 4096 bytes
	MCS: 6
	Guard interval: long
Bandwidth:	20.0 MHz
Integration Time:	0.7 ms

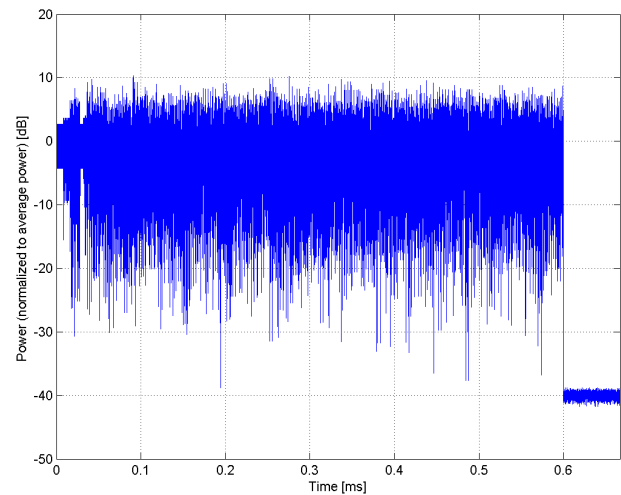
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10598-AAB

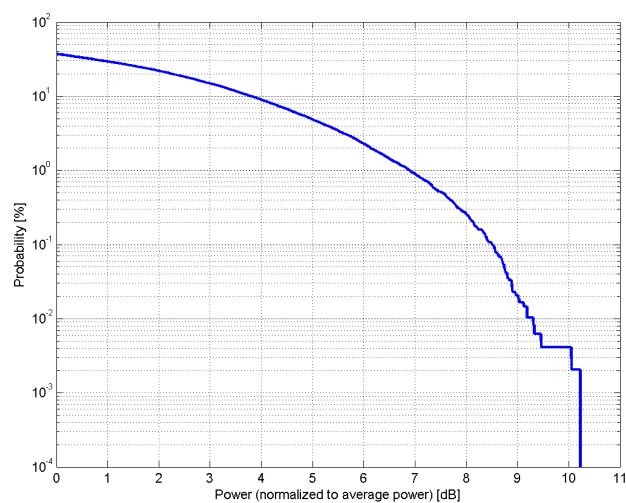
PAR: ¹ 8.50 dB
MIF: ² -7.86 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

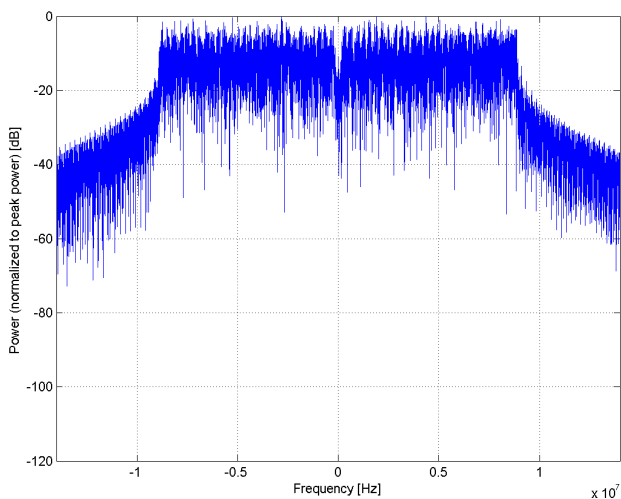
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 7

Bandwidth: Guard interval: long
20.0 MHz
Integration Time: 0.6 ms

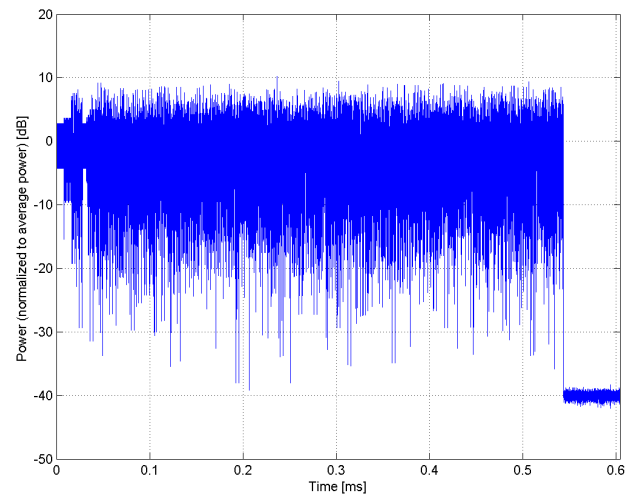
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10599-AAB

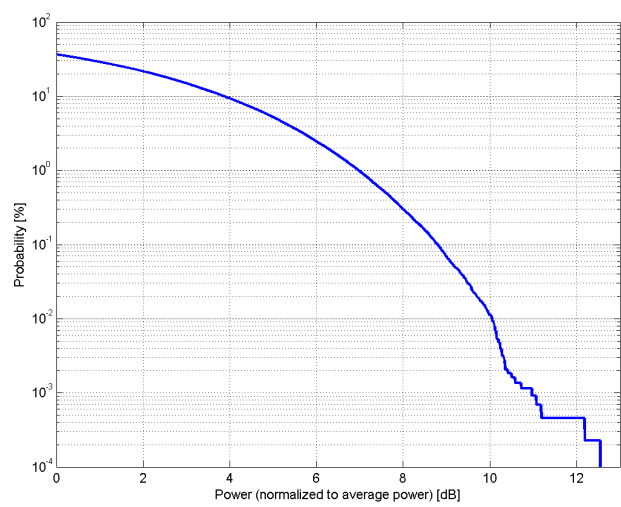
PAR: ¹ **8.79 dB**
MIF: ² **-5.59 dB**

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: BPSK
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

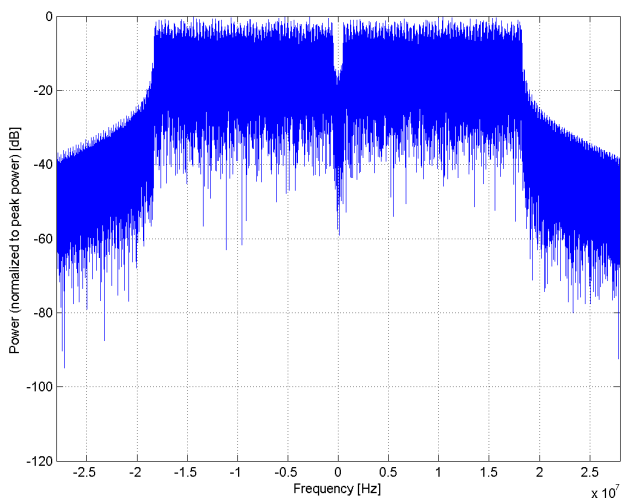
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 0

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 2.7 ms

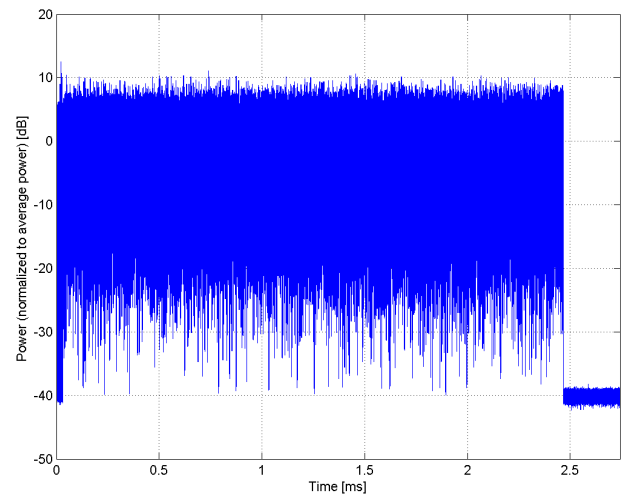
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10600-AAB

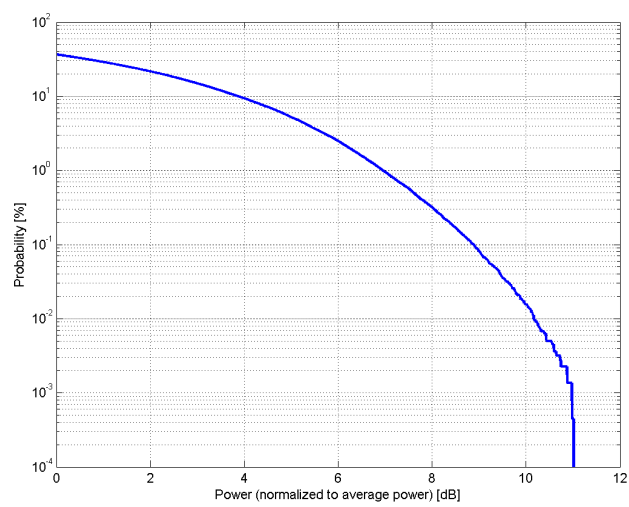
PAR: ¹ **8.88 dB**
MIF: ² **-6.06 dB**

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

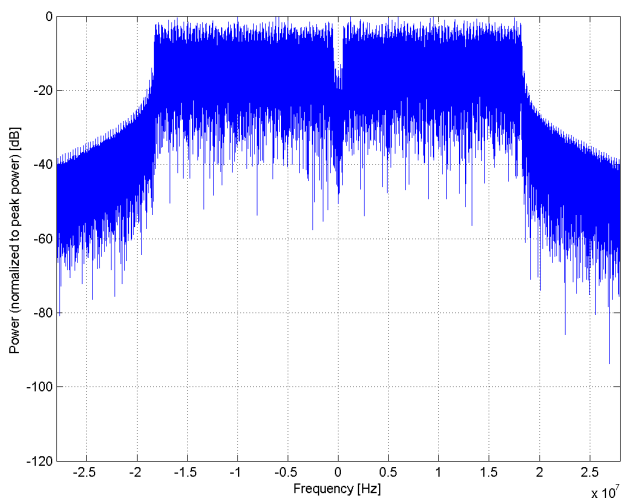
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 1

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 1.4 ms

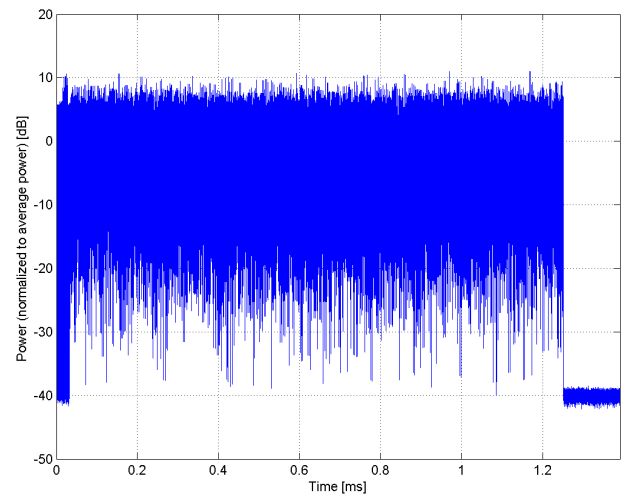
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10601-AAB

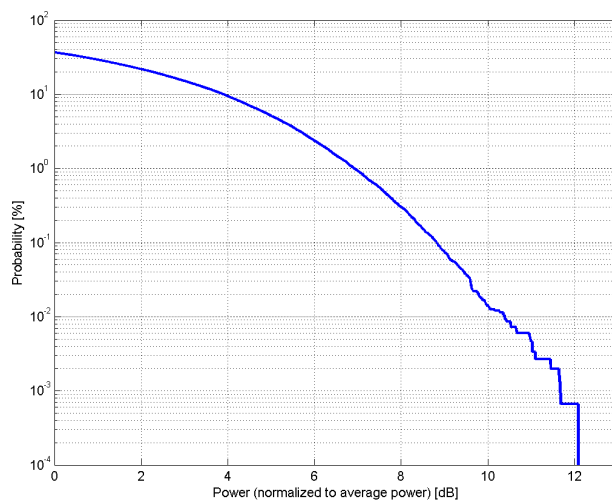
PAR: ¹ 8.82 dB
MIF: ² -6.59 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

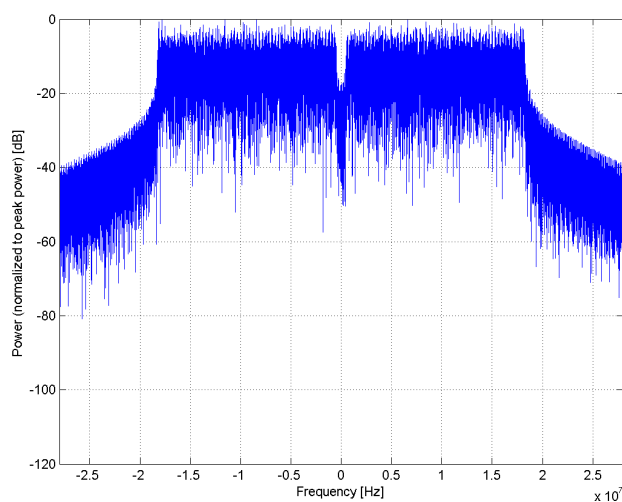
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 2

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 0.9 ms

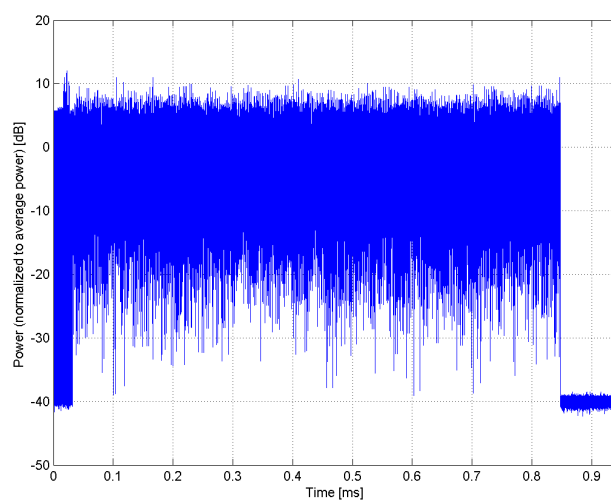
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

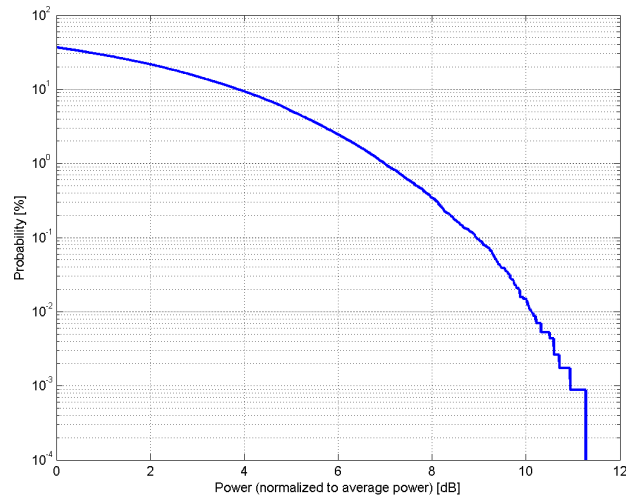


Time Domain

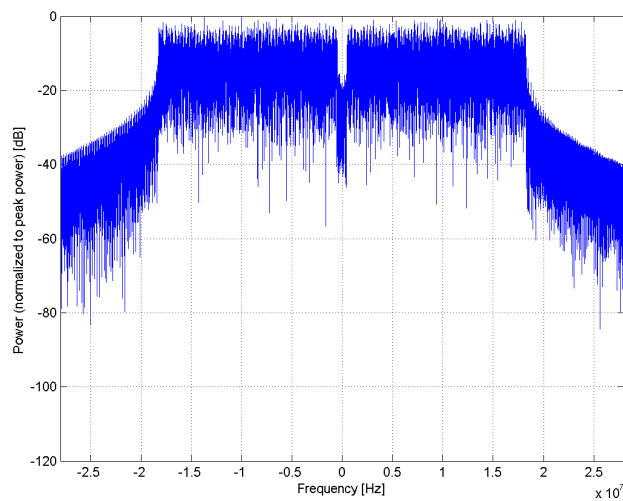
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)
Group:	WLAN
UID:	10602-AAB
PAR: ¹	8.94 dB
MIF: ²	-7.17 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-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:	Duty cycle: 90%
	MPDU length: 4096 bytes
	MCS: 3
	Guard interval: long
Bandwidth:	40.0 MHz
Integration Time:	0.7 ms

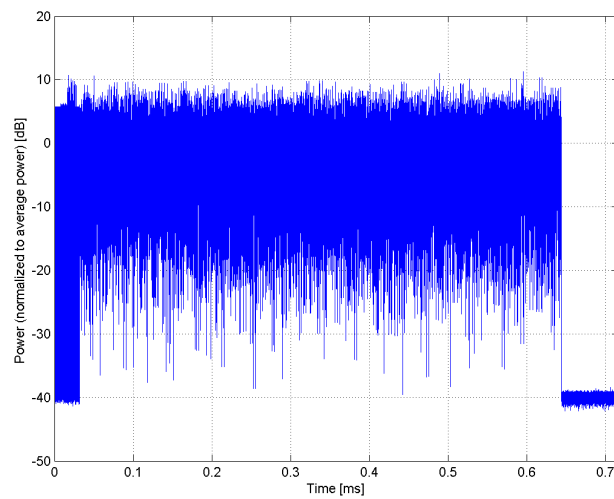
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10603-AAB

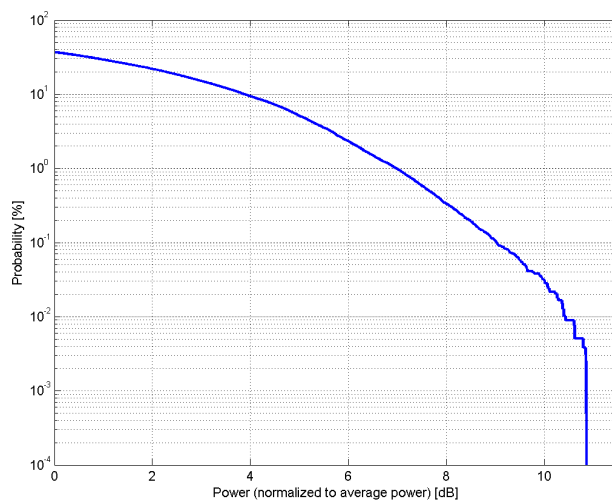
PAR: ¹ **9.03 dB**
MIF: ² **-8.03 dB**

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

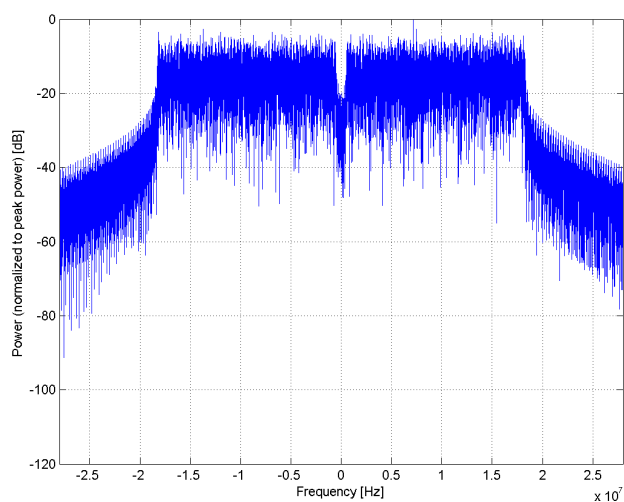
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 4

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 0.5 ms

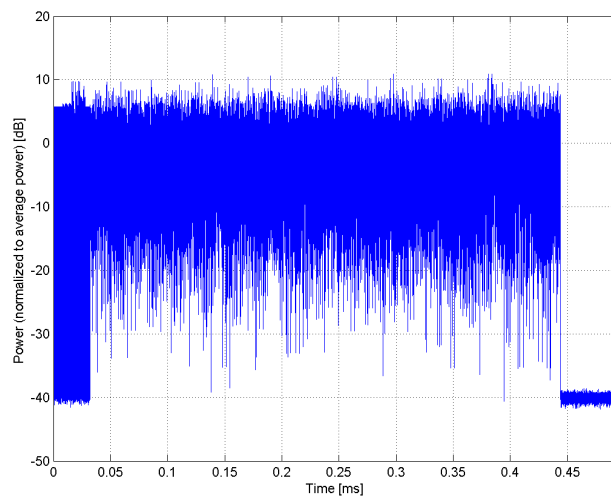
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10604-AAB

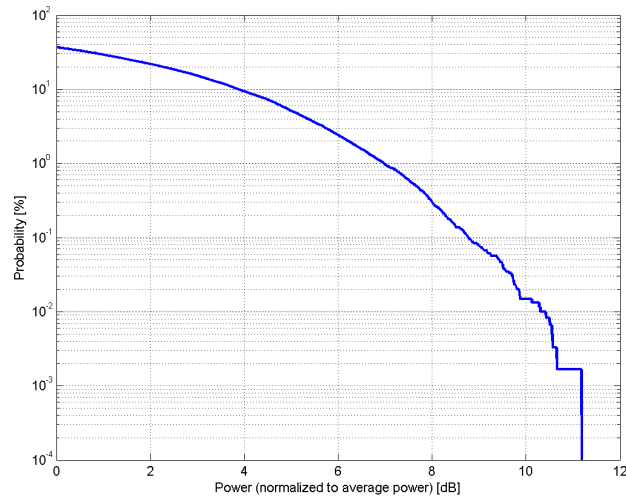
PAR: ¹ 8.76 dB
MIF: ² -8.65 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

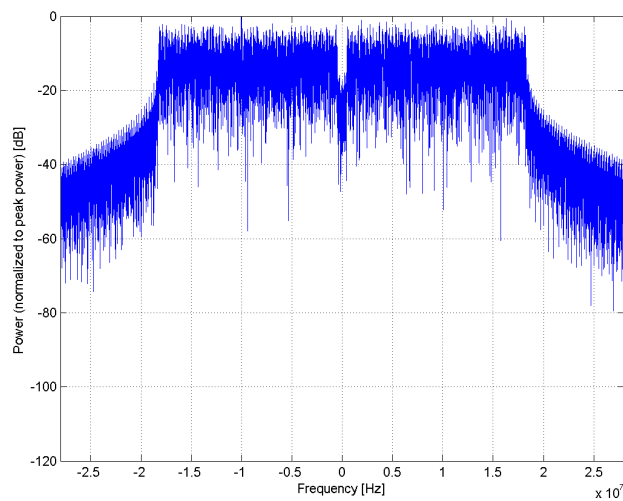
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 5

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 0.4 ms

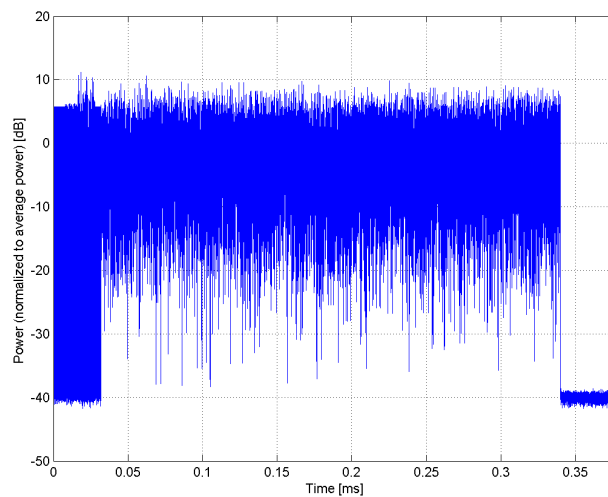
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

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

Group: WLAN
UID: 10605-AAB

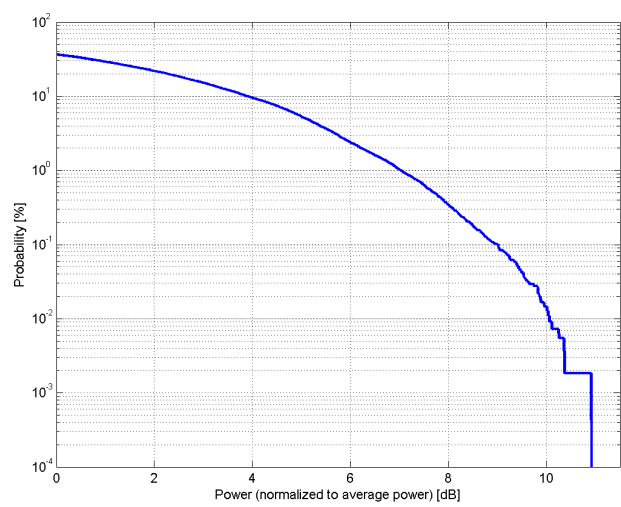
PAR: ¹ 8.97 dB
MIF: ² -9.23 dB

Standard Reference: IEEE 802.11-2012
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

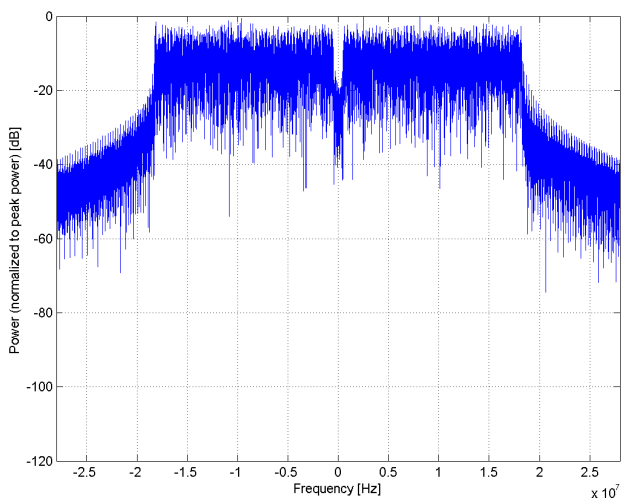
Detailed Specification: Duty cycle: 90%
MPDU length: 4096 bytes
MCS: 6

Bandwidth: Guard interval: long
40.0 MHz
Integration Time: 0.3 ms

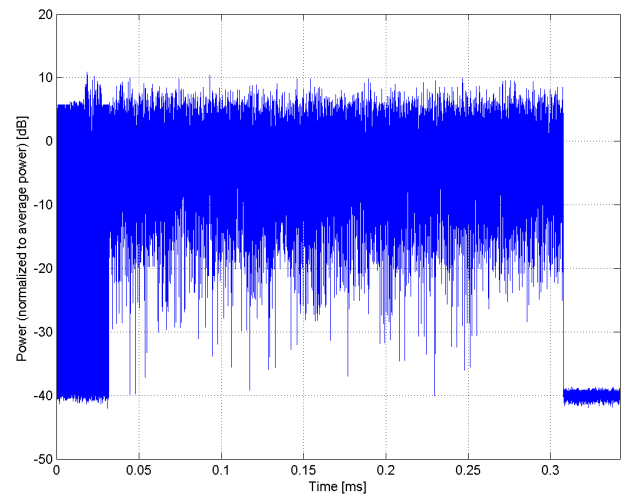
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

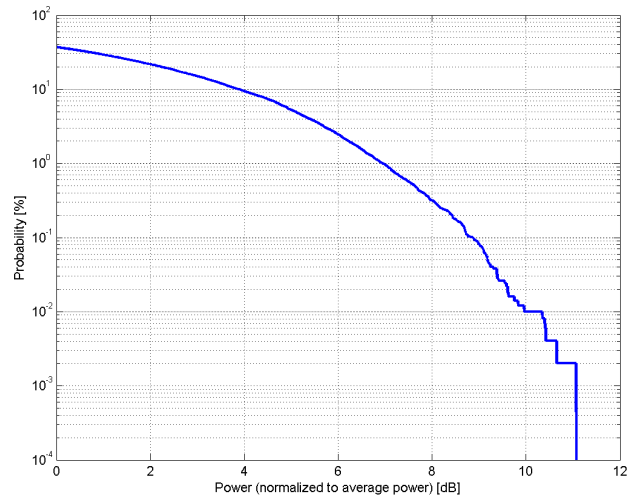


Time Domain

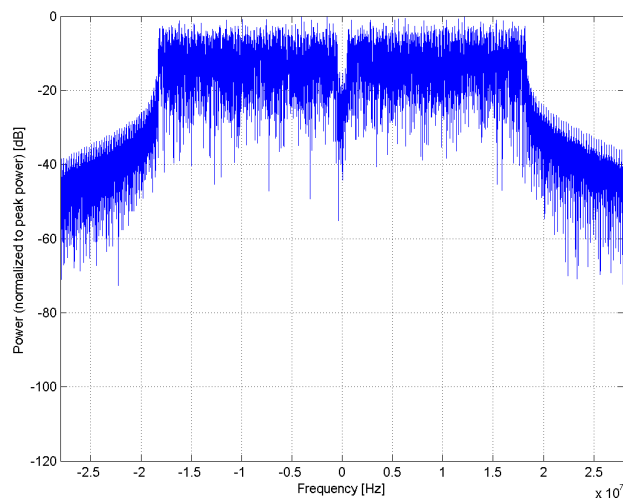
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)
Group:	WLAN
UID:	10606-AAB
PAR: ¹	8.82 dB
MIF: ²	-9.43 dB
Standard Reference:	IEEE 802.11-2012
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Duty cycle: 90%
	MPDU length: 4096 bytes
	MCS: 7
	Guard interval: long
Bandwidth:	40.0 MHz
Integration Time:	0.3 ms

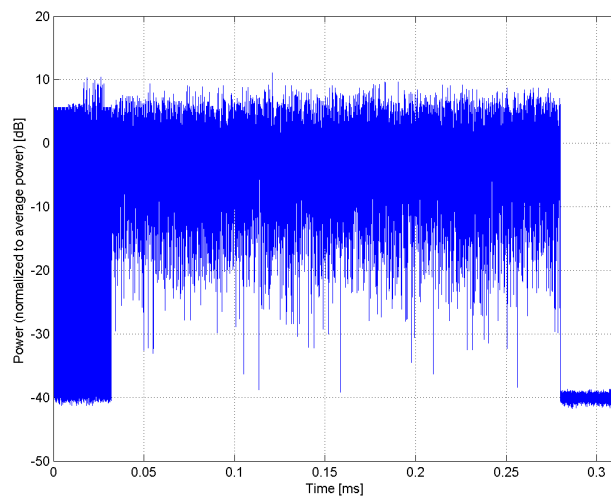
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

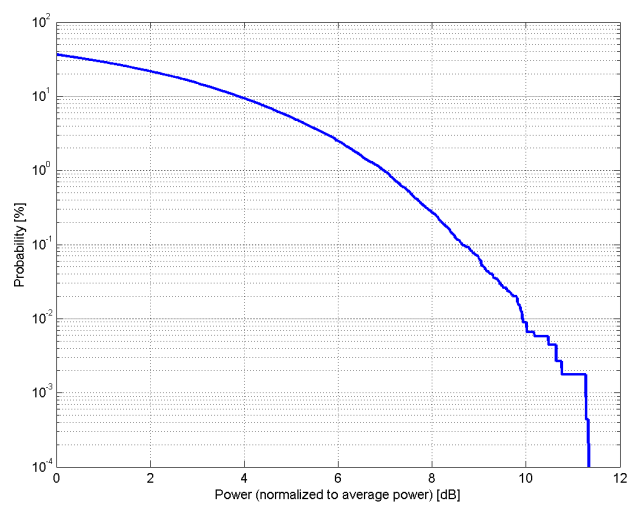


Time Domain

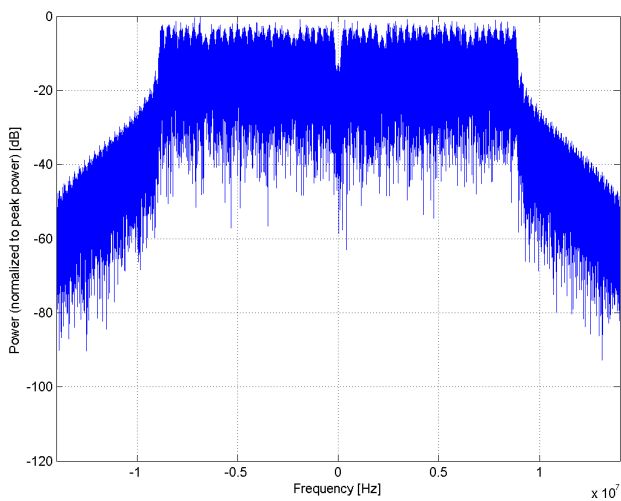
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)
Group:	WLAN
UID:	10607-AAB
PAR: ¹	8.64 dB
MIF: ²	-5.60 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	BPSK
	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: 20MHz
	Duty cycle: 90%
	MCS: 0
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	5.7 ms

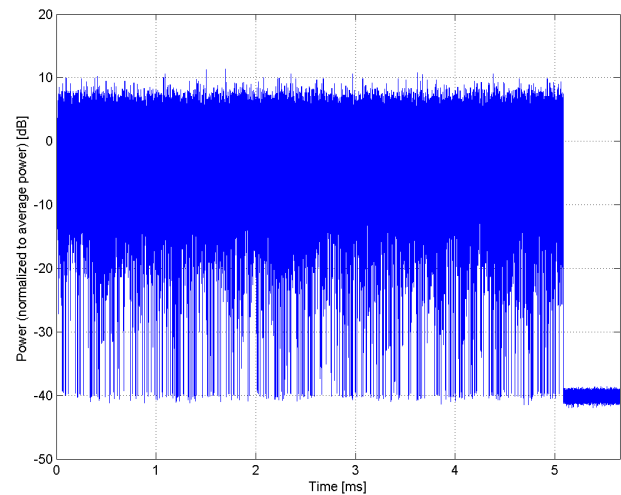
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

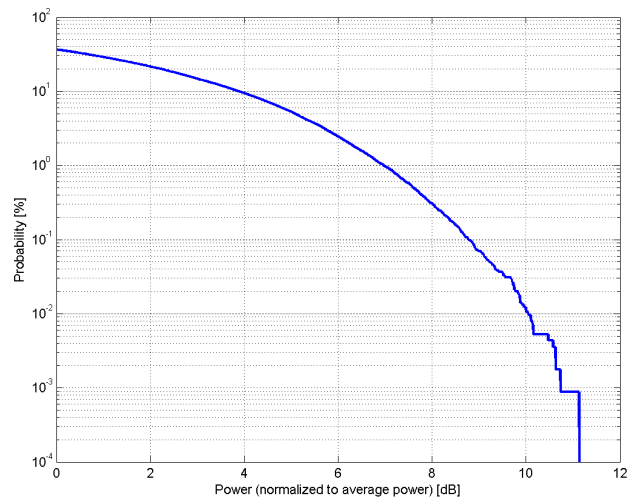


Time Domain

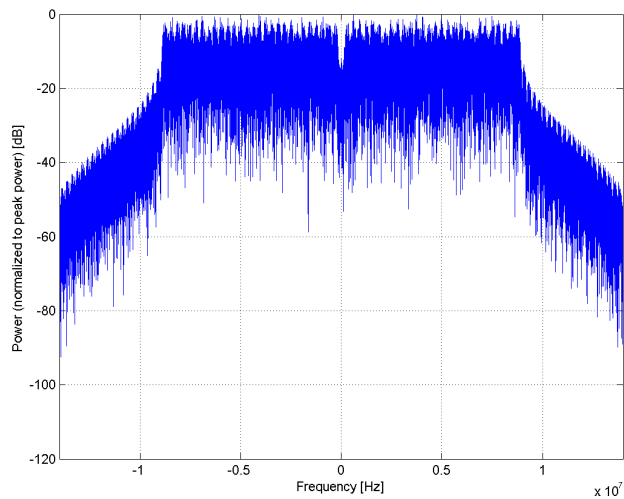
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)
Group:	WLAN
UID:	10608-AAB
PAR: ¹	8.77 dB
MIF: ²	-5.62 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 20MHz
	Duty cycle: 90%
	MCS: 1
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	2.8 ms

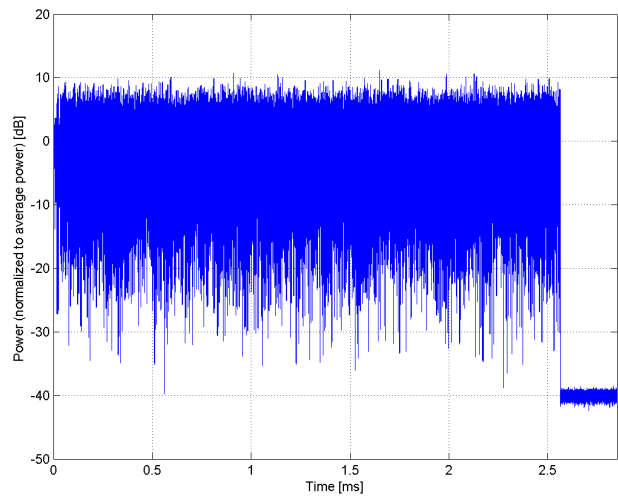
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

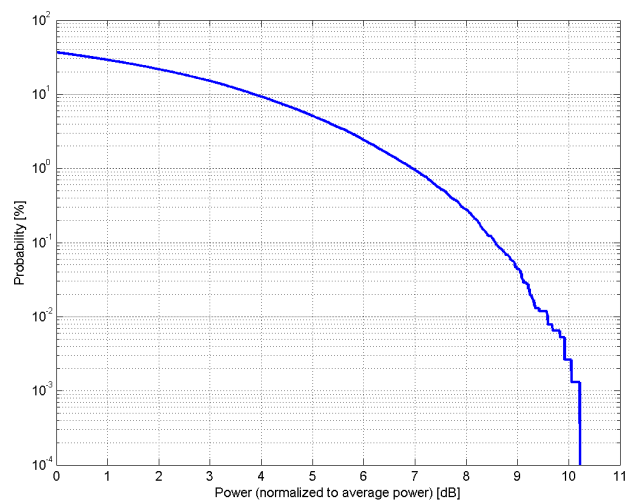


Time Domain

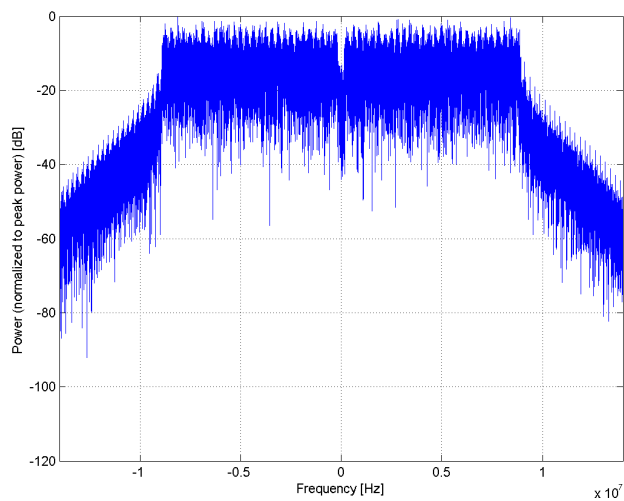
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)
Group:	WLAN
UID:	10609-AAB
PAR: ¹	8.57 dB
MIF: ²	-5.85 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 20MHz
	Duty cycle: 90%
	MCS: 2
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	1.9 ms

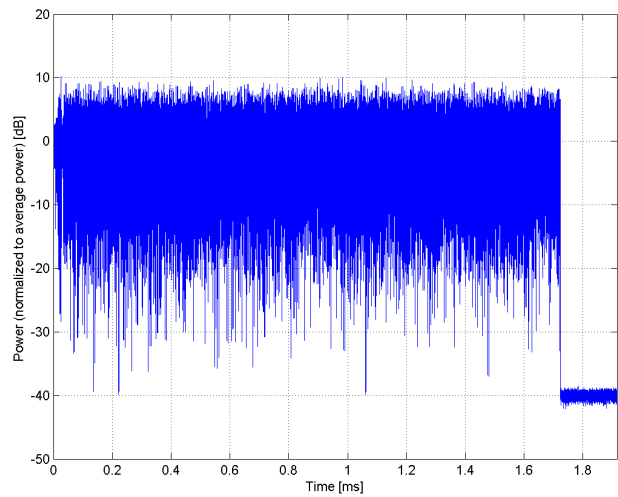
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)**

Group: WLAN
UID: 10610-AAB

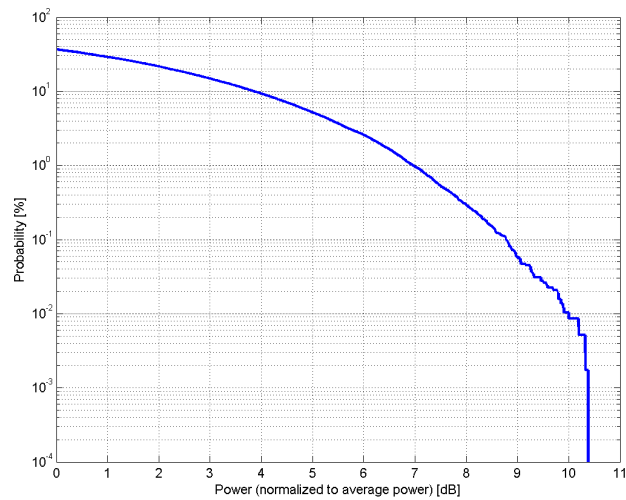
PAR: ¹ **8.78 dB**
MIF: ² **-6.15 dB**

Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

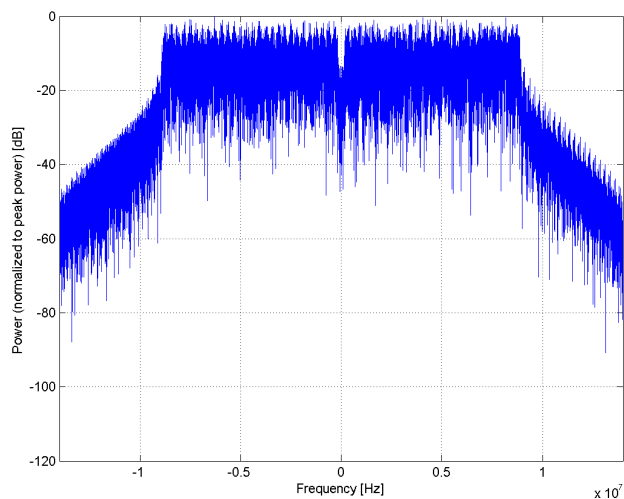
Detailed Specification: Bandwidth: 20MHz
Duty cycle: 90%
MCS: 3
Number of spatial streams: 1
MPDU length: 4096

Bandwidth: 20.0 MHz
Integration Time: 1.4 ms

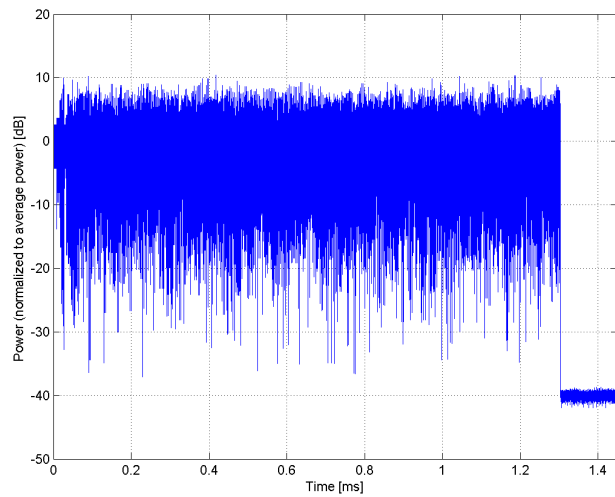
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

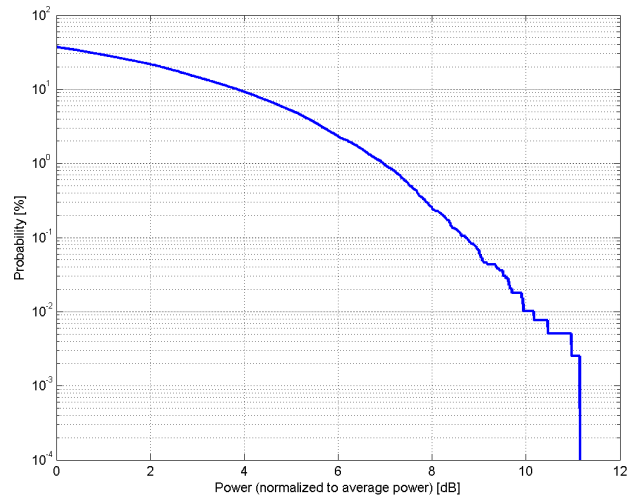


Time Domain

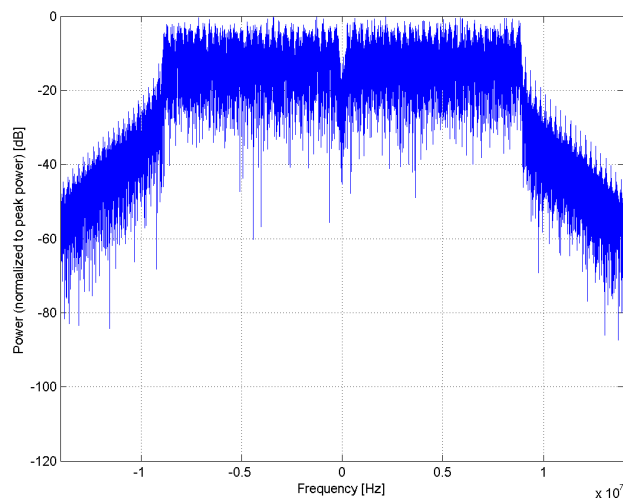
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)
Group:	WLAN
UID:	10611-AAB
PAR: ¹	8.70 dB
MIF: ²	-6.70 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-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: 20MHz
	Duty cycle: 90%
	MCS: 4
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	1.0 ms

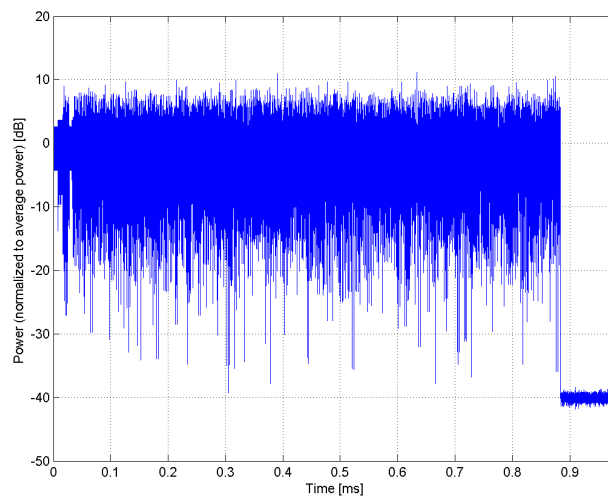
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

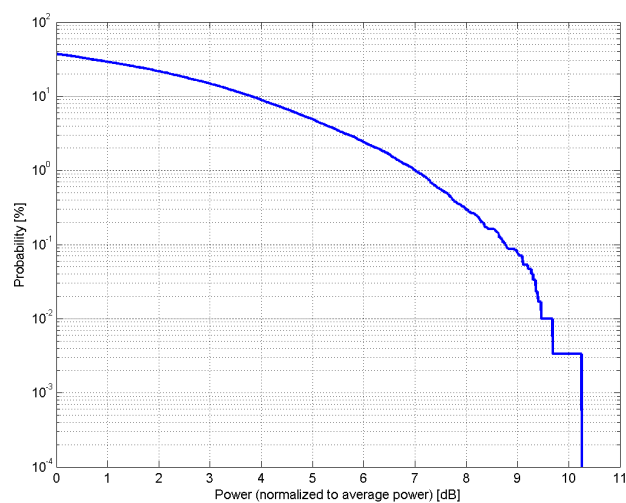


Time Domain

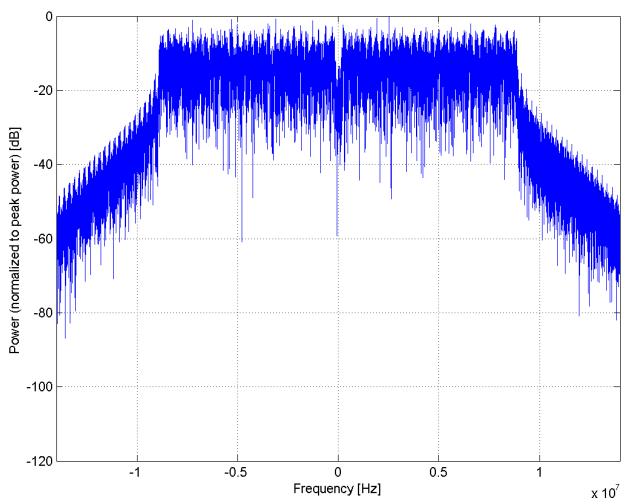
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)
Group:	WLAN
UID:	10612-AAB
PAR: ¹	8.77 dB
MIF: ²	-7.25 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-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: 20MHz
	Duty cycle: 90%
	MCS: 5
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	0.7 ms

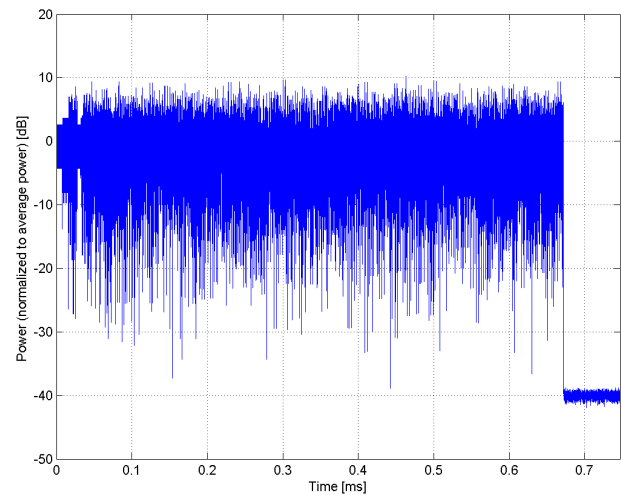
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

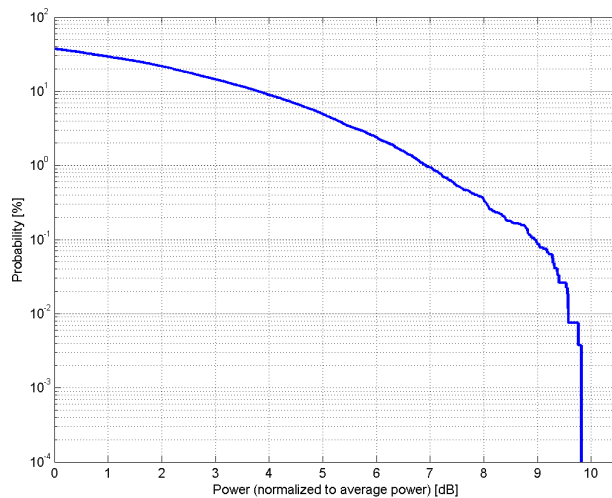


Time Domain

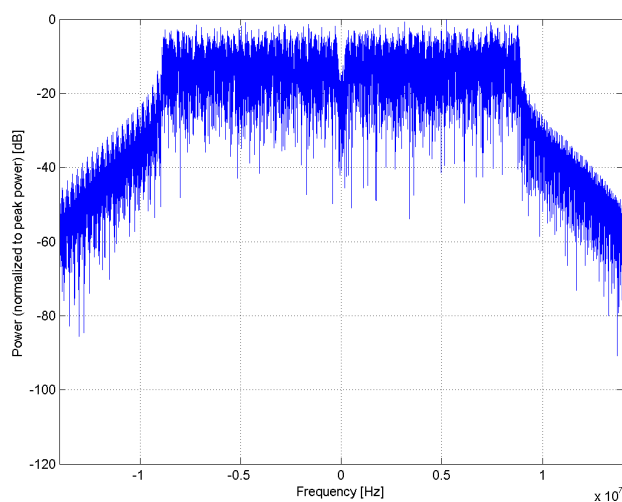
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)
Group:	WLAN
UID:	10613-AAB
PAR: ¹	8.94 dB
MIF: ²	-7.58 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 20MHz
	Duty cycle: 90%
	MCS: 6
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	0.7 ms

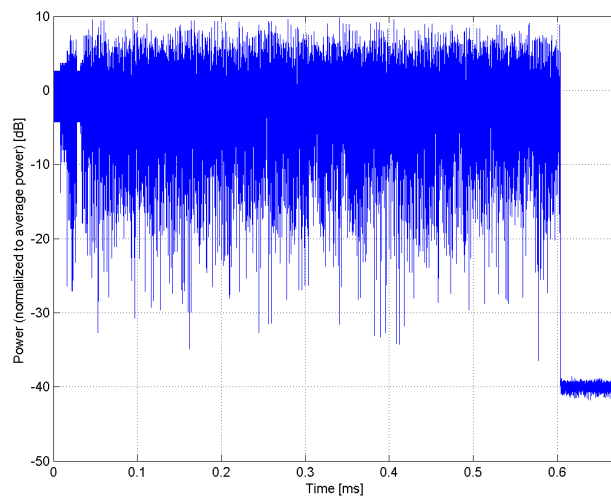
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



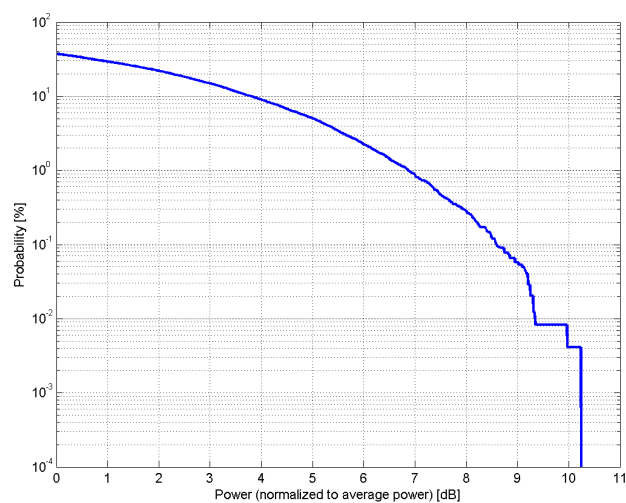
Time Domain

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

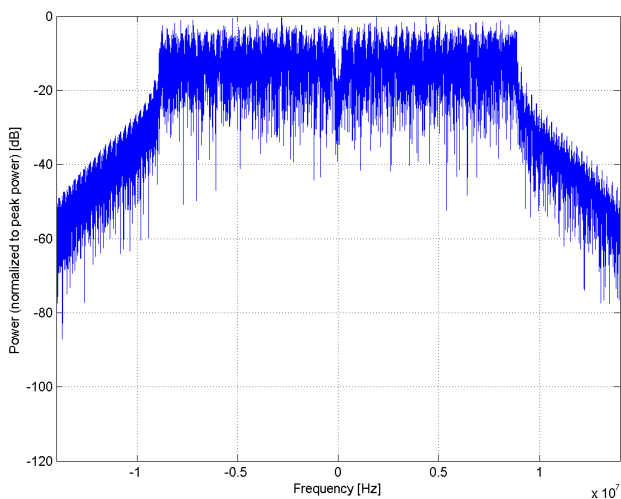
Name:	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)
Group:	WLAN
UID:	10614-AAB
PAR: ¹	8.59 dB
MIF: ²	-7.91 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 20MHz
	Duty cycle: 90%
	MCS: 7
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	0.6 ms

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

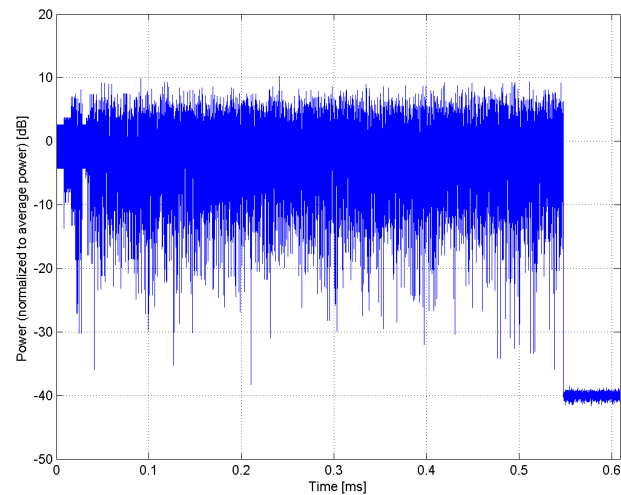
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



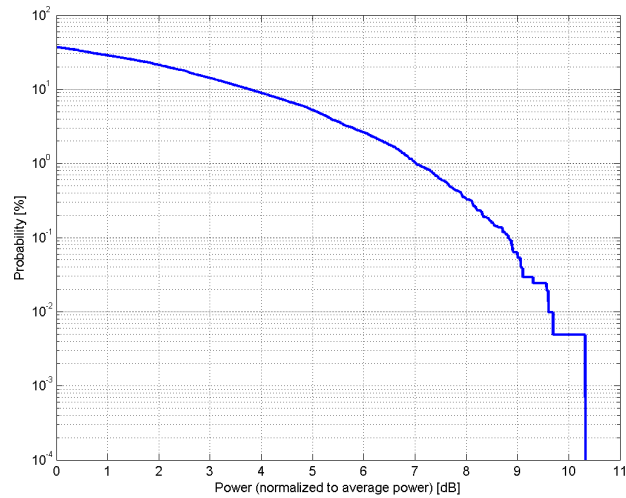
Time Domain

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

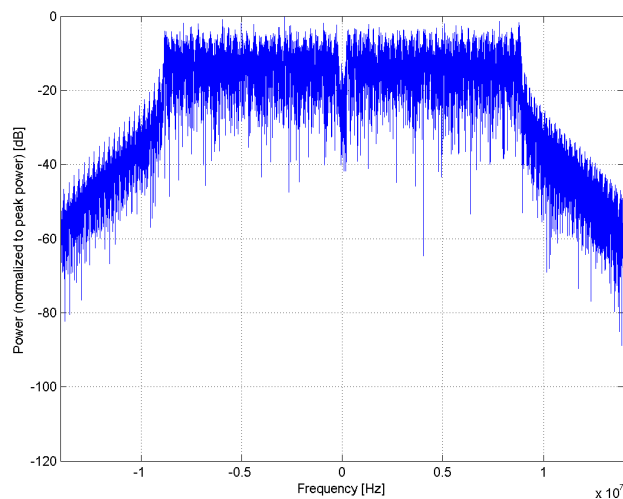
Name:	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)
Group:	WLAN
UID:	10615-AAB
PAR: ¹	8.82 dB
MIF: ²	-8.41 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	256-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 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: 20MHz
	Duty cycle: 90%
	MCS: 8
	Number of spatial streams: 1
	MPDU length: 4096
Bandwidth:	20.0 MHz
Integration Time:	0.5 ms

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

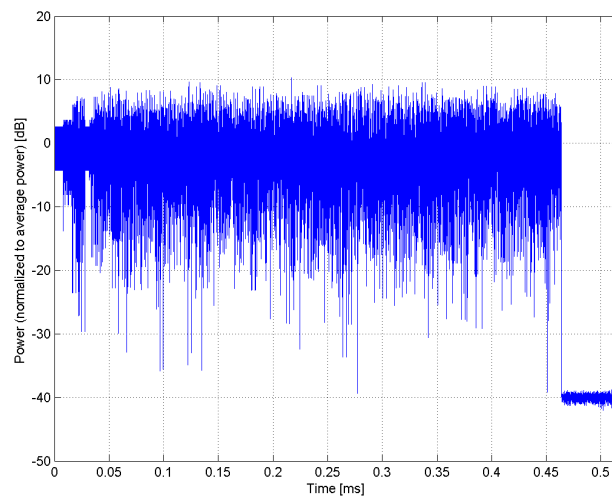
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

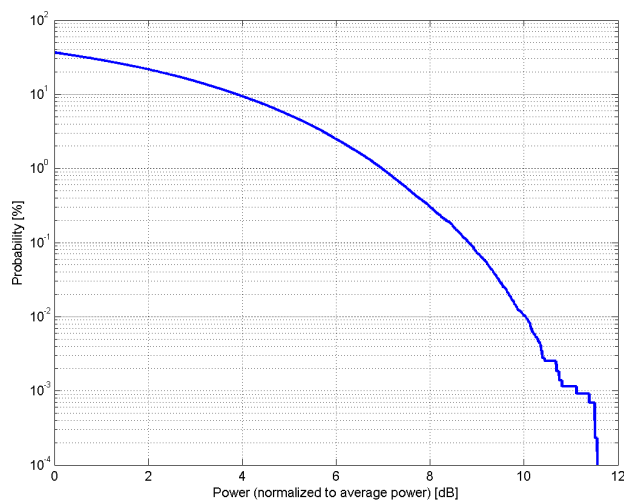


Time Domain

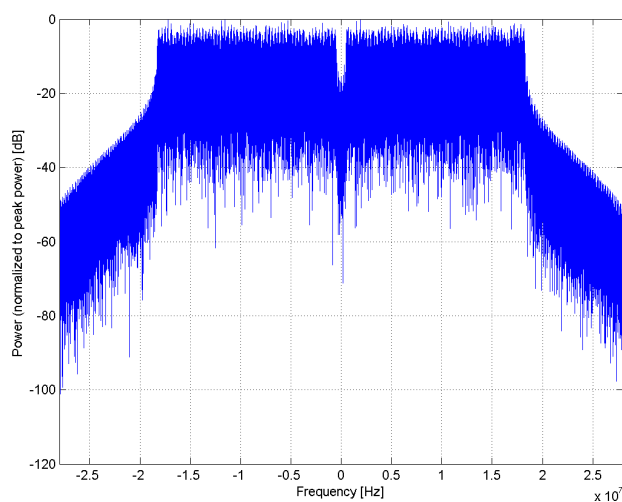
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)
Group:	WLAN
UID:	10616-AAB
PAR: ¹	8.82 dB
MIF: ²	-5.57 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	BPSK
	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: 40MHz
	Duty cycle: 90%
	MCS: 0
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	5.4 ms

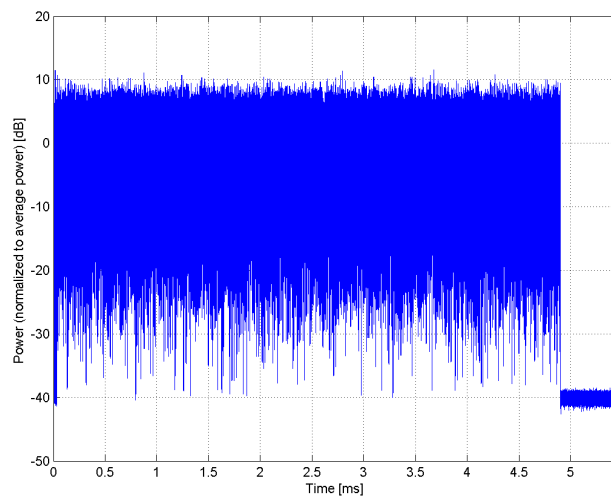
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

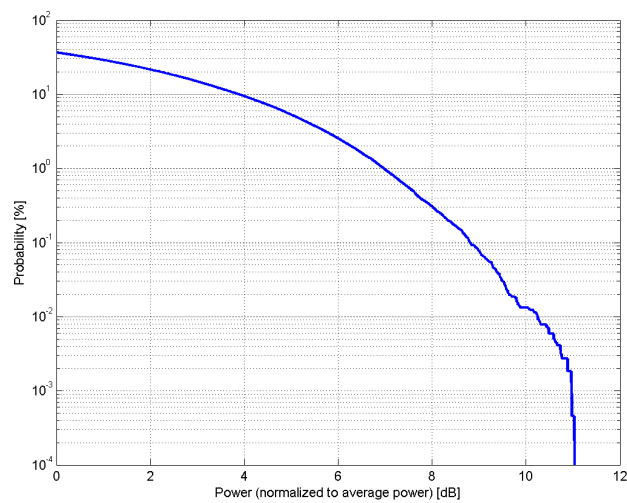


Time Domain

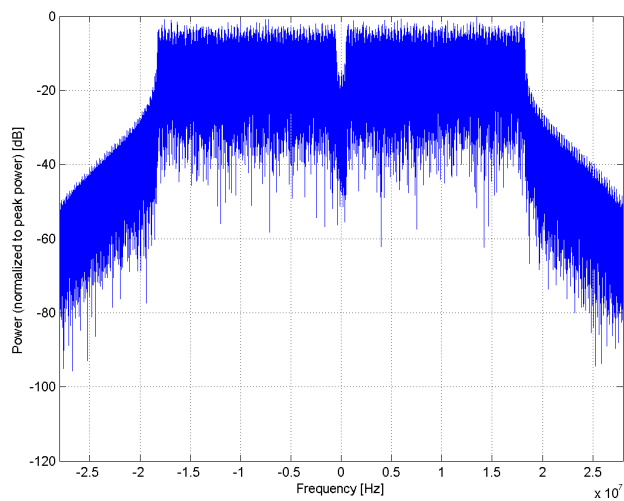
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)
Group:	WLAN
UID:	10617-AAB
PAR: ¹	8.81 dB
MIF: ²	-5.59 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 40MHz
	Duty cycle: 90%
	MCS: 1
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	2.7 ms

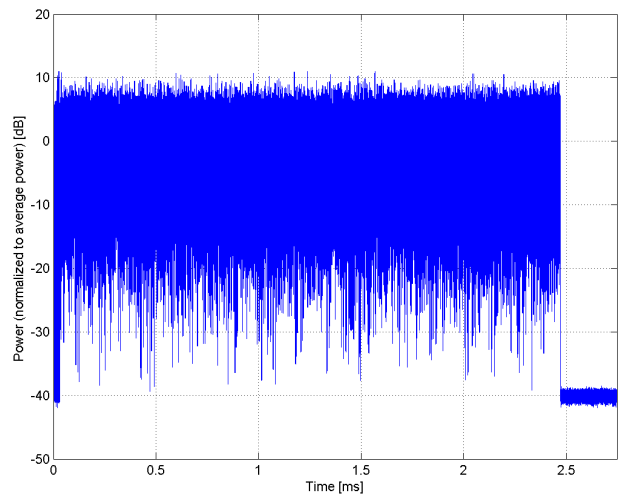
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

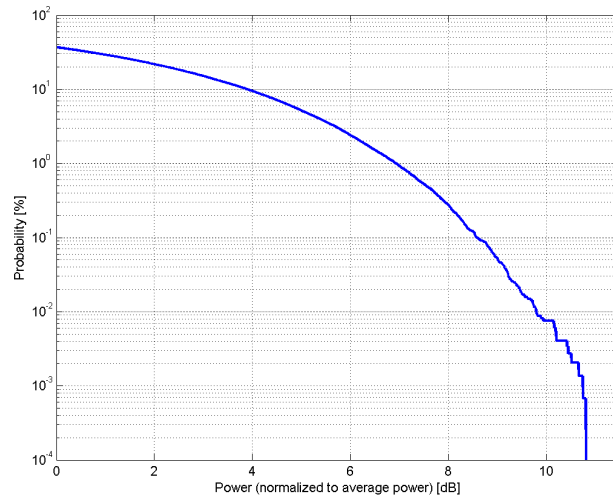


Time Domain

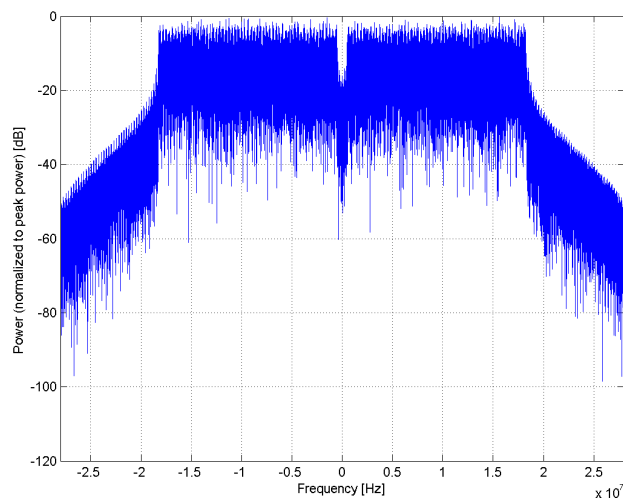
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)
Group:	WLAN
UID:	10618-AAB
PAR: ¹	8.58 dB
MIF: ²	-5.78 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 40MHz
	Duty cycle: 90%
	MCS: 2
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	1.8 ms

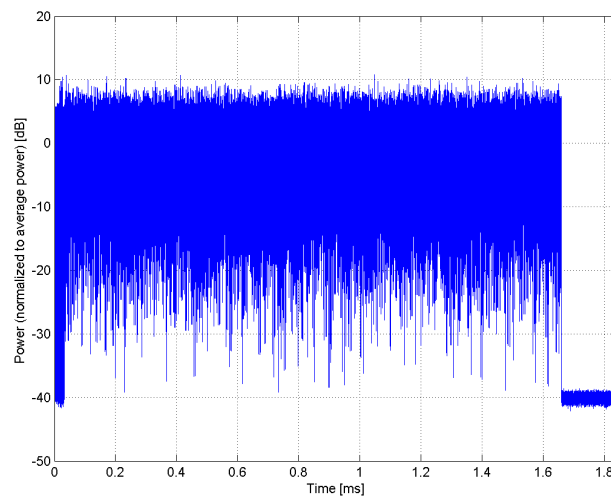
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

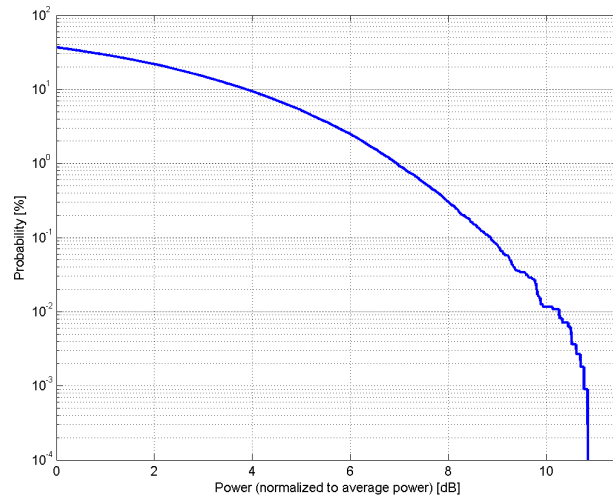


Time Domain

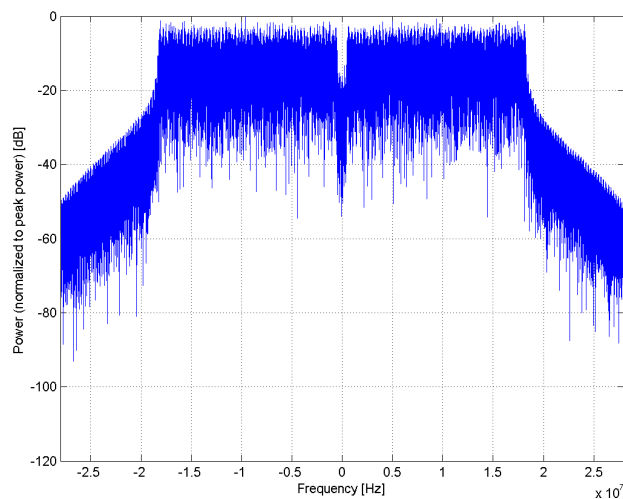
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)
Group:	WLAN
UID:	10619-AAB
PAR: ¹	8.86 dB
MIF: ²	-6.02 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-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: 40MHz
	Duty cycle: 90%
	MCS: 3
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	1.4 ms

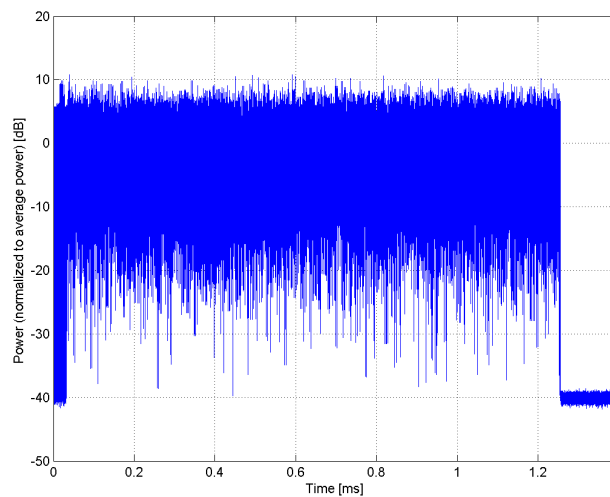
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



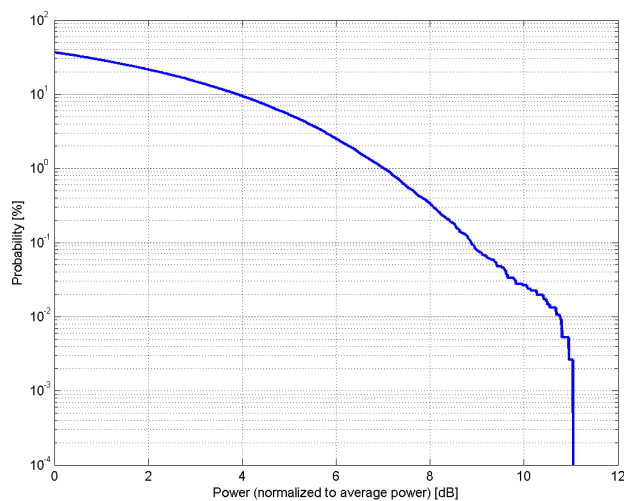
Time Domain

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

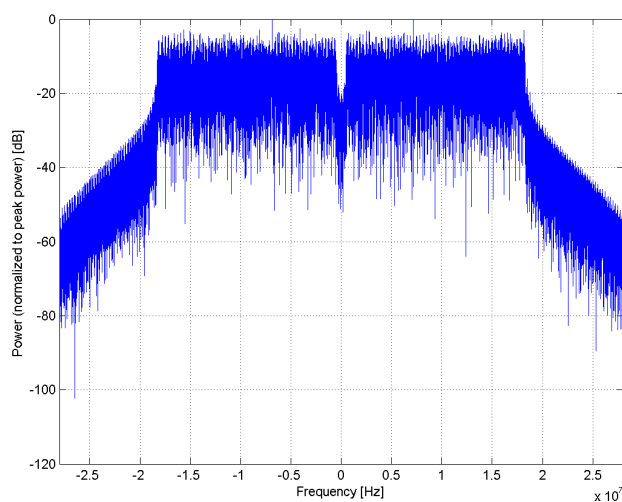
Name:	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)
Group:	WLAN
UID:	10620-AAB
PAR: ¹	8.87 dB
MIF: ²	-6.57 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 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: 40MHz
	Duty cycle: 90%
	MCS: 4
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	0.9 ms

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

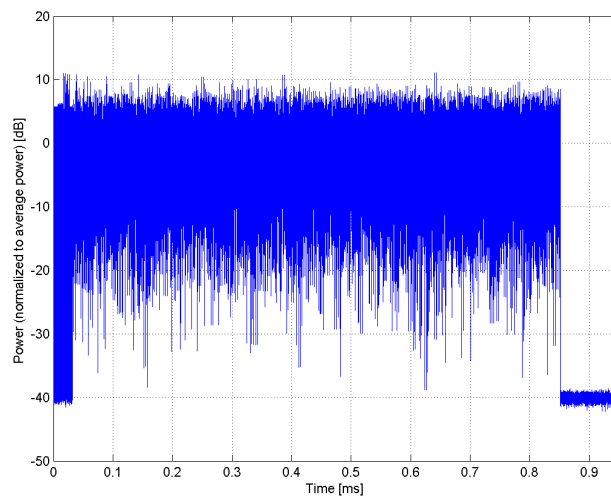
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



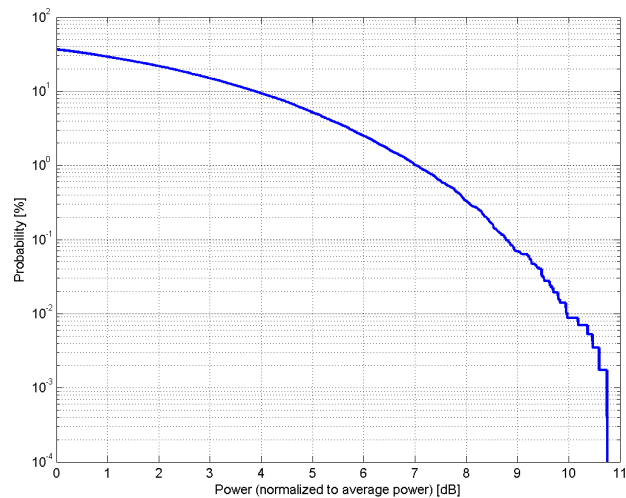
Time Domain

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

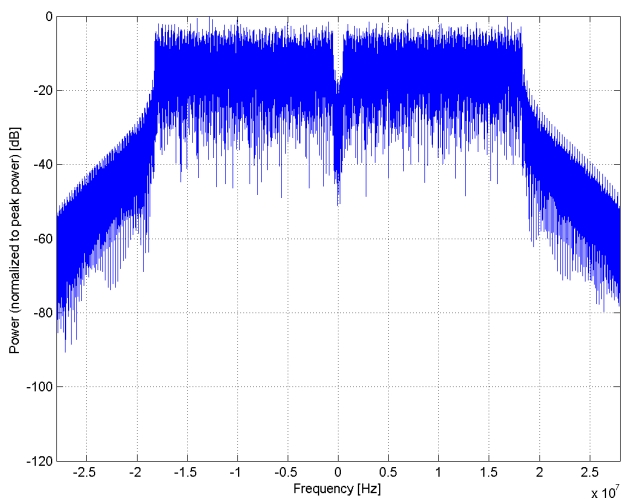
Name:	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)
Group:	WLAN
UID:	10621-AAB
PAR: ¹	8.77 dB
MIF: ²	-6.92 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 40MHz
	Duty cycle: 90%
	MCS: 5
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	0.7 ms

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

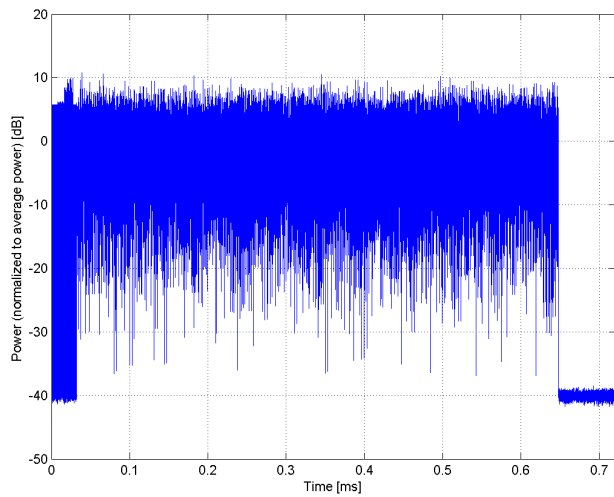
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



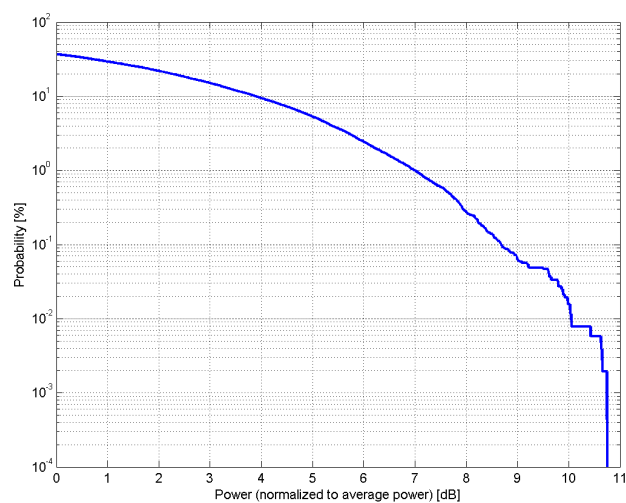
Time Domain

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

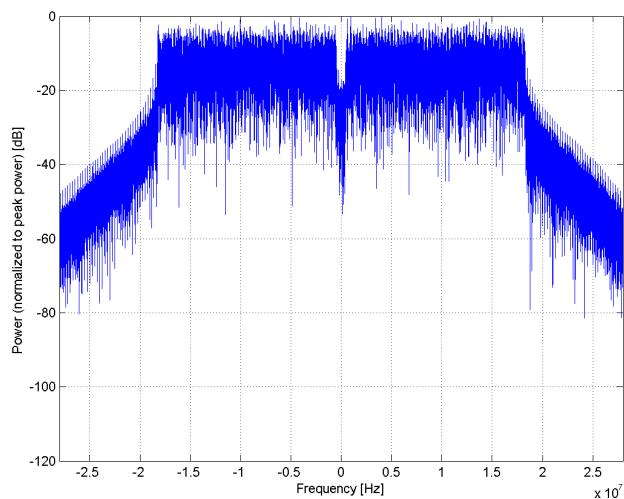
Name:	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)
Group:	WLAN
UID:	10622-AAB
PAR: ¹	8.68 dB
MIF: ²	-7.33 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 40MHz
	Duty cycle: 90%
	MCS: 6
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	0.6 ms

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

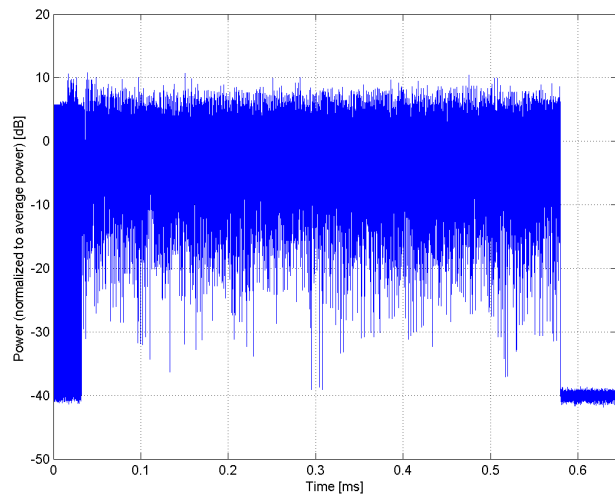
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



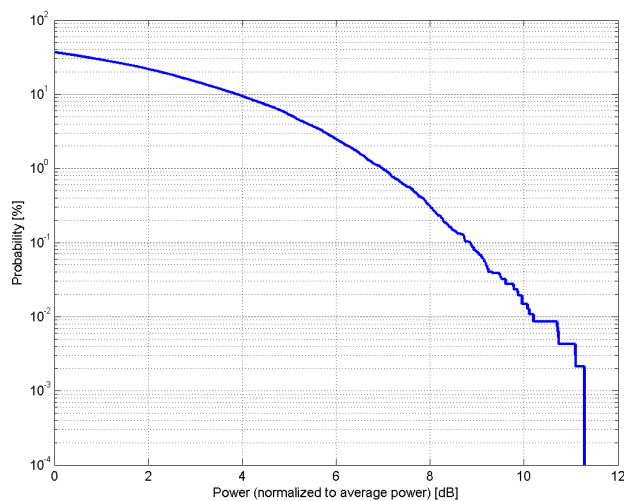
Time Domain

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

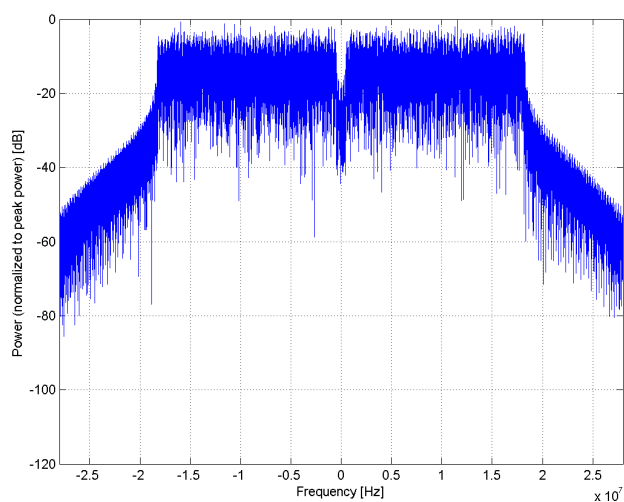
Name:	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)
Group:	WLAN
UID:	10623-AAB
PAR: ¹	8.82 dB
MIF: ²	-7.44 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 40MHz
	Duty cycle: 90%
	MCS: 7
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	0.6 ms

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

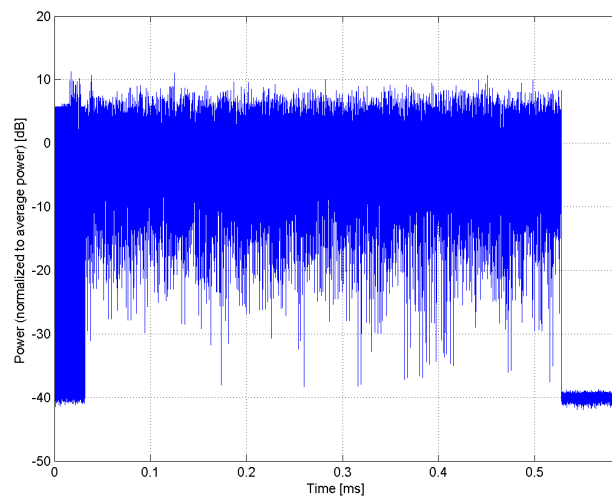
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)

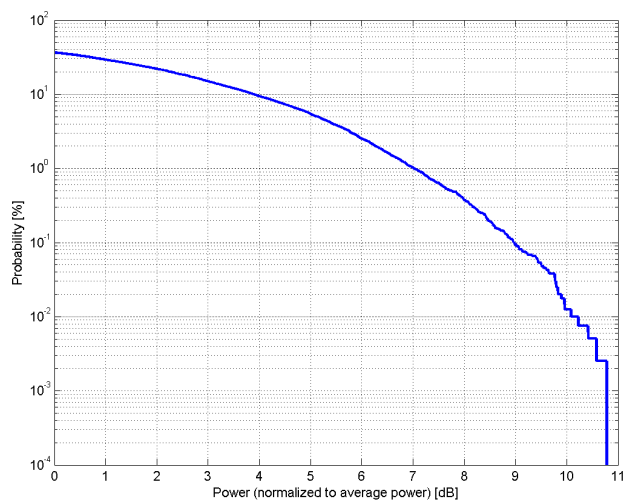
Group: WLAN
UID: 10624-AAB

PAR: ¹ 8.96 dB
MIF: ² -7.73 dB

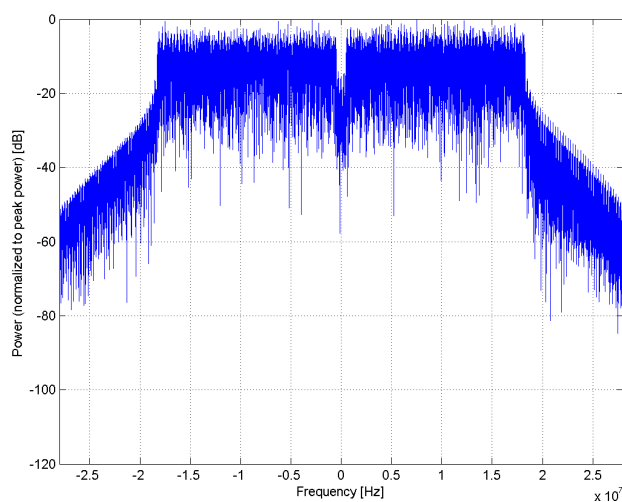
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 256-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <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: 40MHz
Duty cycle: 90%
MCS: 8
Number of spatial streams: 1
MPDU length: 8192
Bandwidth: 40.0 MHz
Integration Time: 0.5 ms

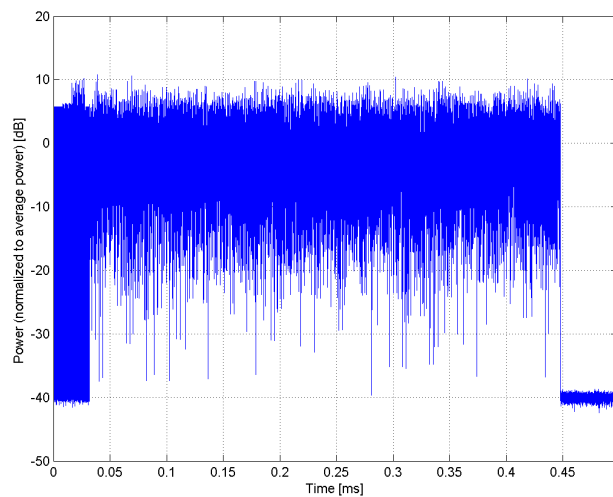
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

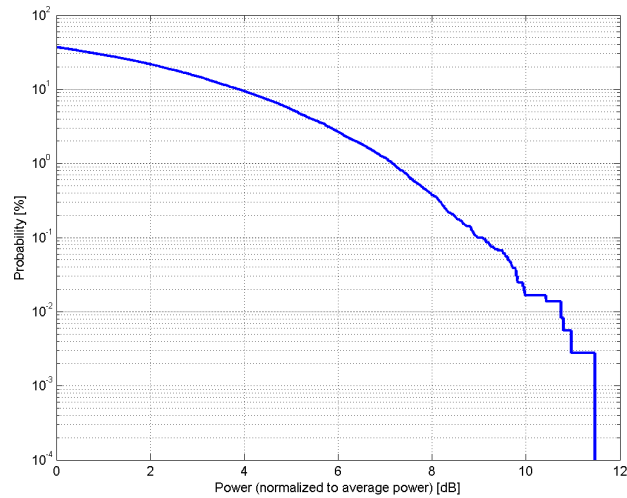


Time Domain

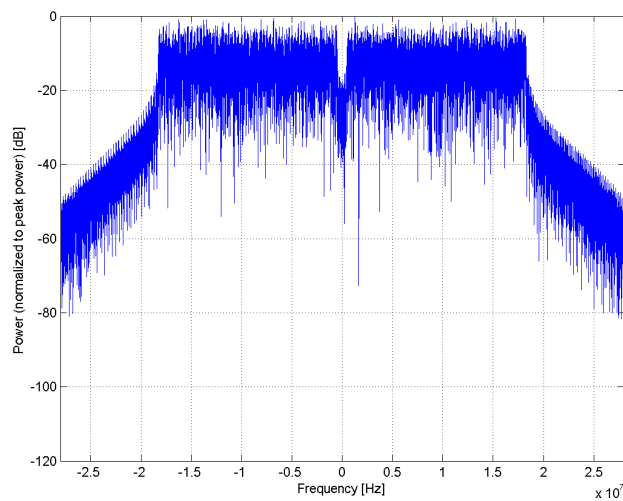
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)
Group:	WLAN
UID:	10625-AAB
PAR: ¹	8.96 dB
MIF: ²	-8.15 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
Frequency Band:	WLAN 2.4GHz (2412.0 - 2484.0 MHz) WLAN 5GHz (4915.0 - 5825.0 MHz) U-NII-1, U-NII-2A (5170 - 5330 MHz) U-NII-2C Standalone (5490 - 5710 MHz) U-NII-2C <5.65 GHz (5490 - 5650 MHz) U-NII-3 Standalone (5735 - 5835 MHz) U-NII-2C, U-NII-3 (5650 - 5835 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 40MHz Duty cycle: 90% MCS: 9 Number of spatial streams: 1 MPDU length: 8192
Bandwidth:	40.0 MHz
Integration Time:	0.5 ms

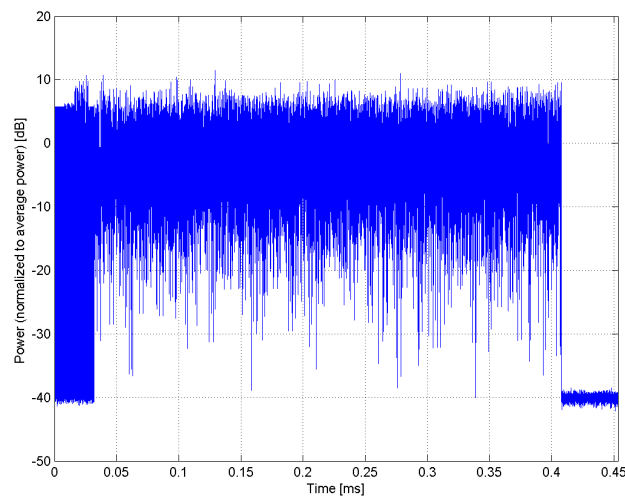
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

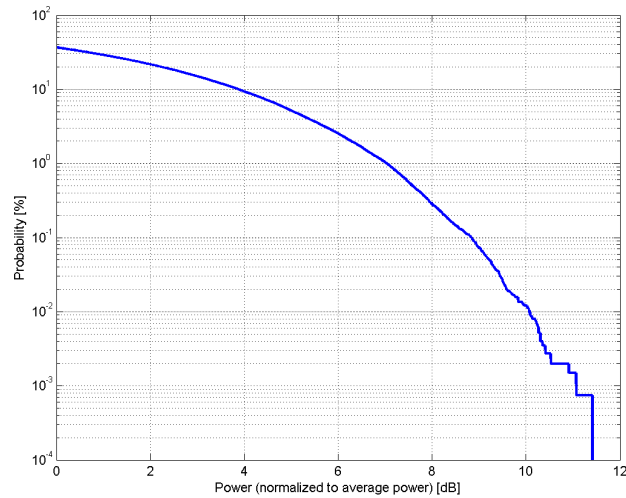


Time Domain

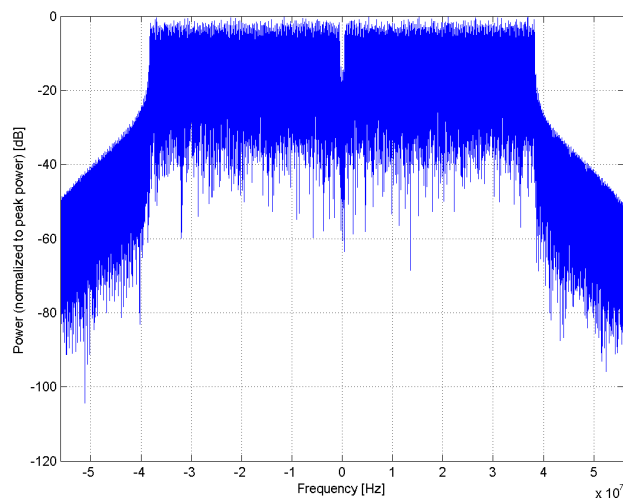
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)
Group:	WLAN
UID:	10626-AAB
PAR: ¹	8.83 dB
MIF: ²	-5.64 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	BPSK
	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: 90%
	MCS: 0
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	2.5 ms

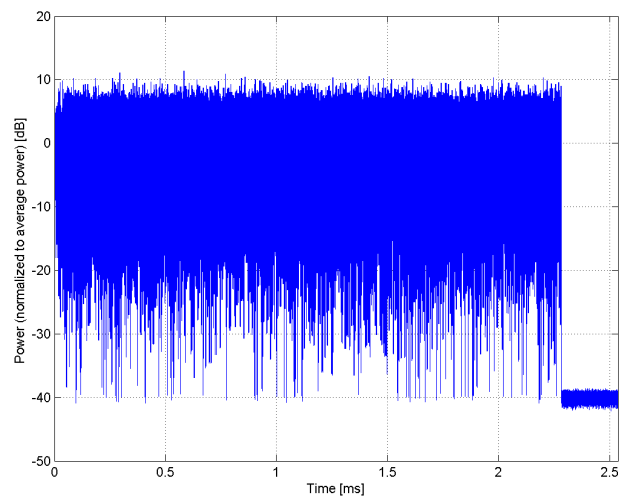
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

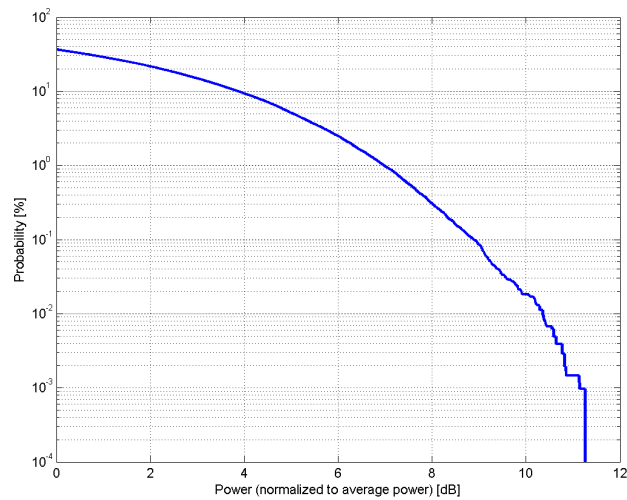


Time Domain

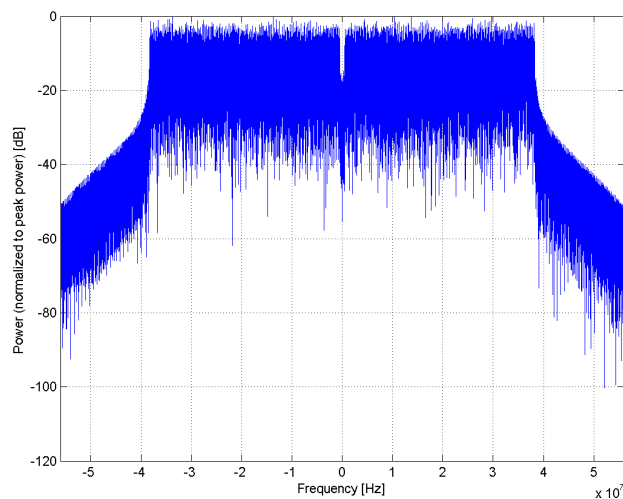
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)
Group:	WLAN
UID:	10627-AAB
PAR: ¹	8.88 dB
MIF: ²	-6.22 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 80MHz
	Duty cycle: 90%
	MCS: 1
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	1.3 ms

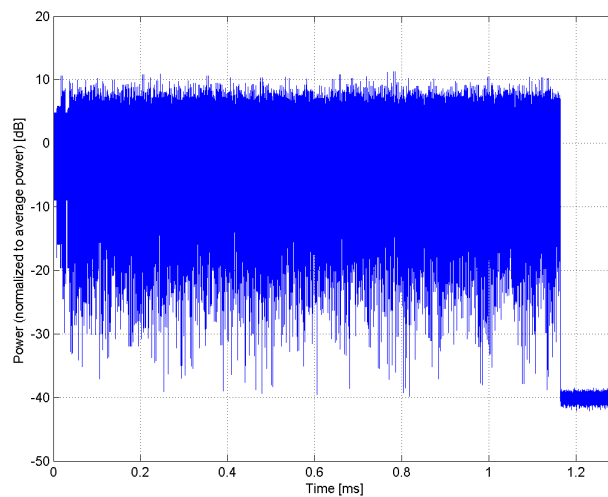
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

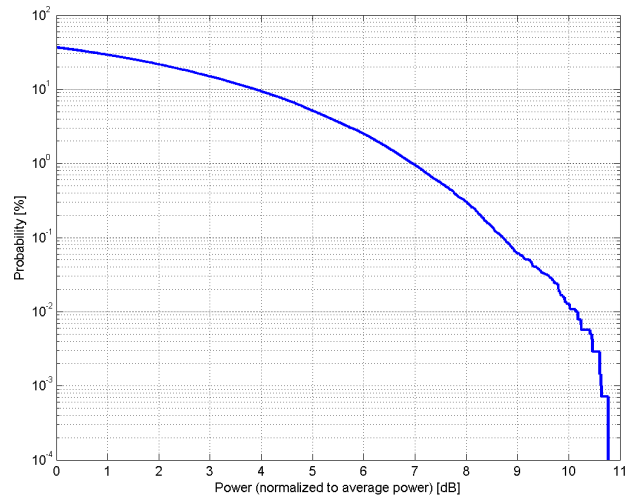


Time Domain

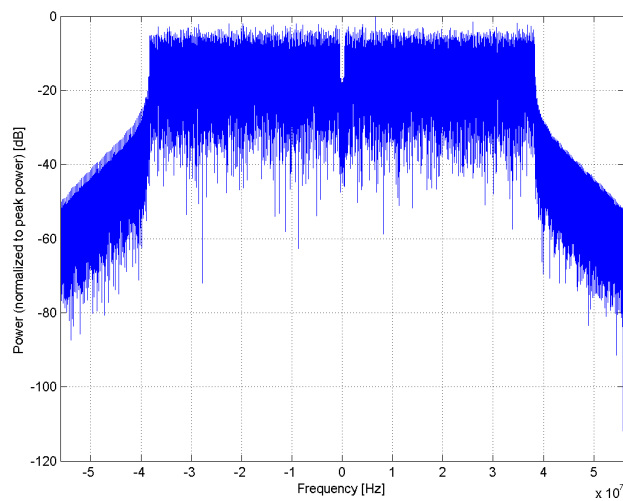
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)
Group:	WLAN
UID:	10628-AAB
PAR: ¹	8.71 dB
MIF: ²	-6.84 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	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:	Bandwidth: 80MHz
	Duty cycle: 90%
	MCS: 2
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.9 ms

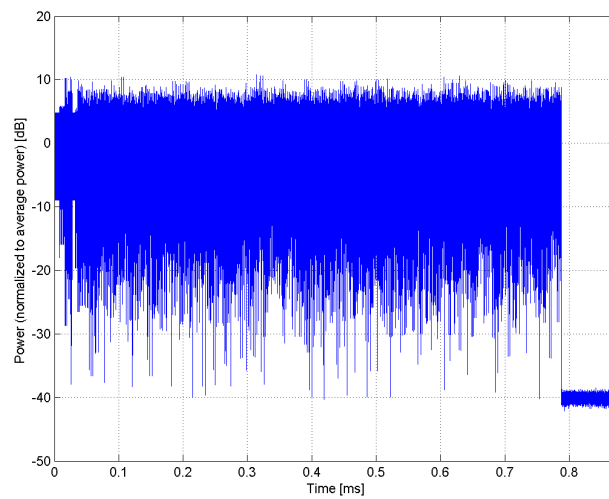
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

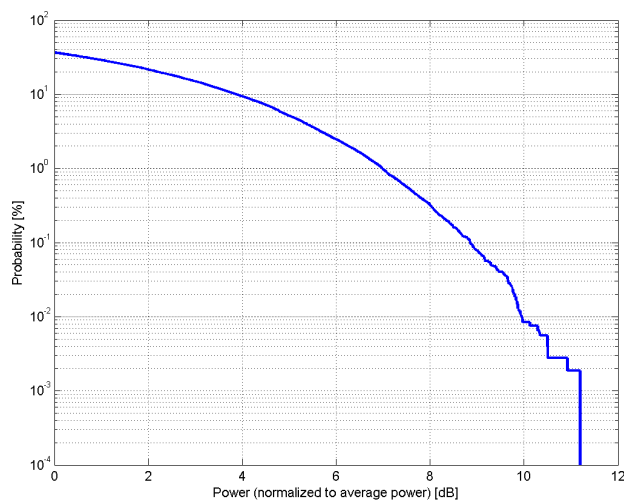


Time Domain

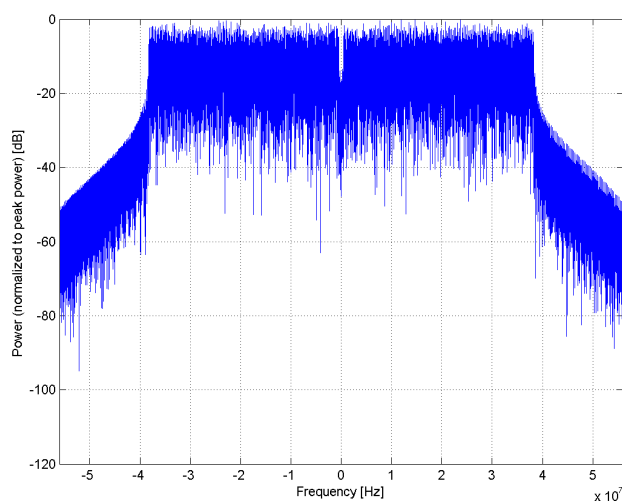
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)
Group:	WLAN
UID:	10629-AAB
PAR: ¹	8.85 dB
MIF: ²	-7.44 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	16-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: 90%
	MCS: 3
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.7 ms

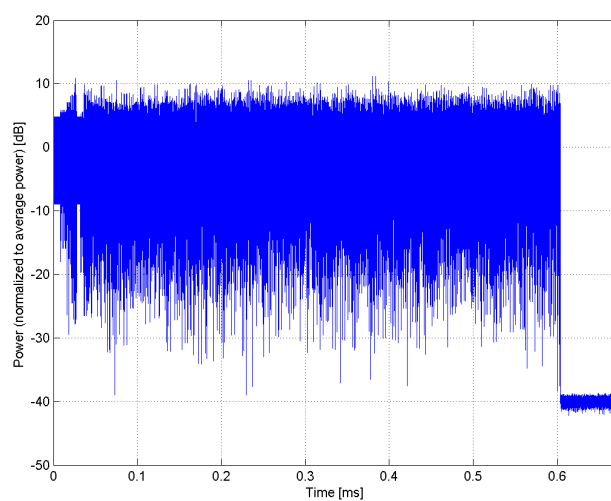
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)**

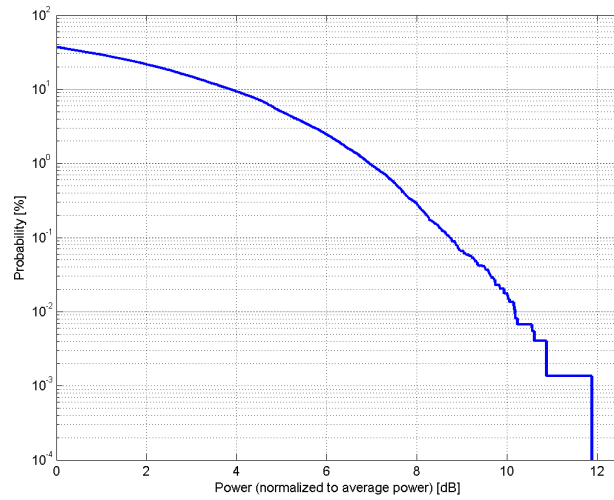
Group: WLAN
UID: 10630-AAB

PAR: ¹ **8.72 dB**
MIF: ² **-8.48 dB**

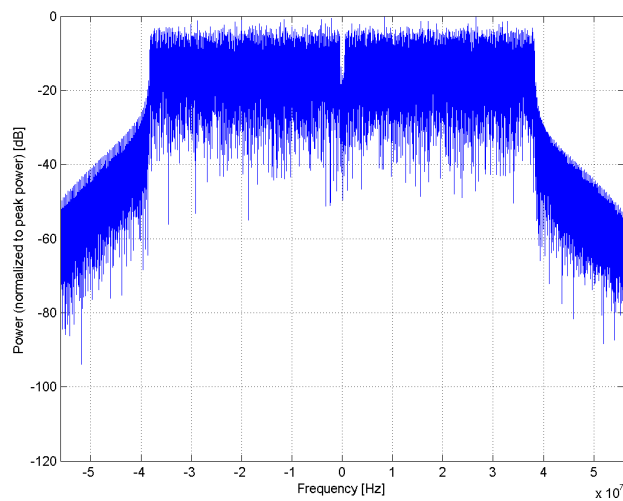
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 80MHz
Duty cycle: 90%
MCS: 4
Number of spatial streams: 1
MPDU length: 8192
Bandwidth: 80.0 MHz
Integration Time: 0.5 ms

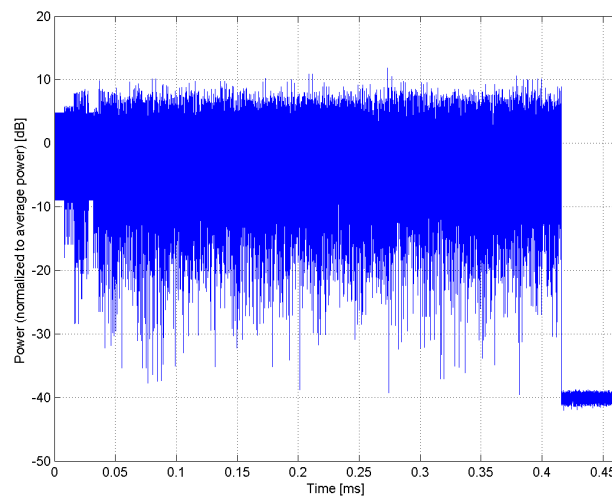
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

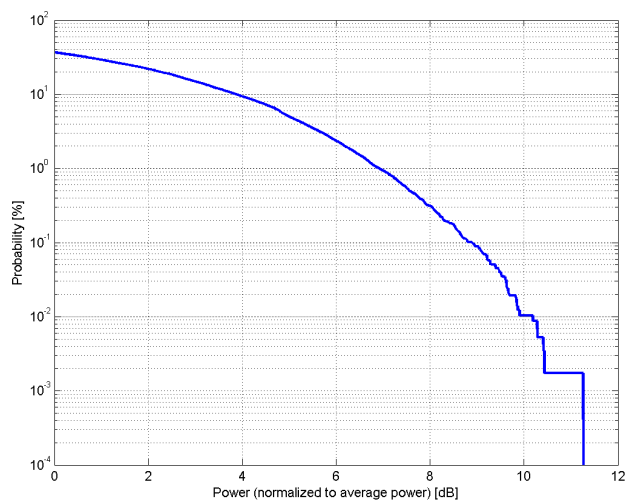


Time Domain

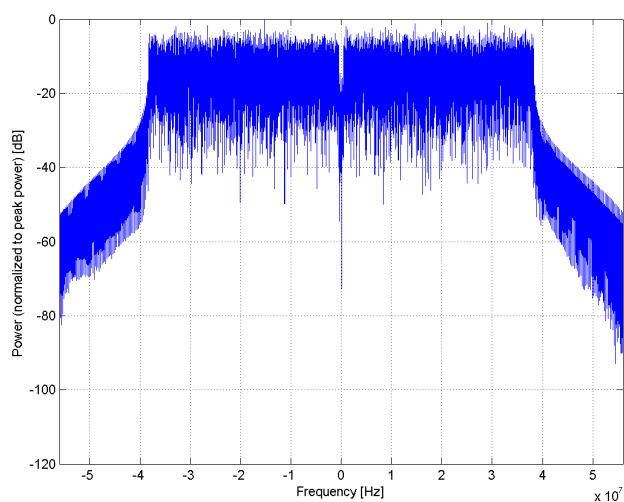
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)
Group:	WLAN
UID:	10631-AAB
PAR: ¹	8.81 dB
MIF: ²	-9.17 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 80MHz
	Duty cycle: 90%
	MCS: 5
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.4 ms

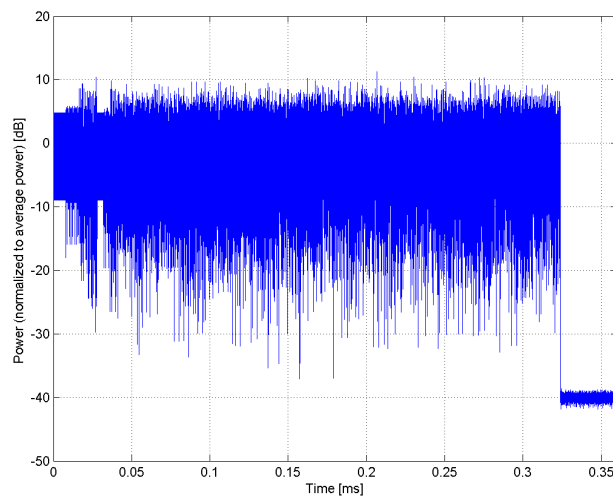
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

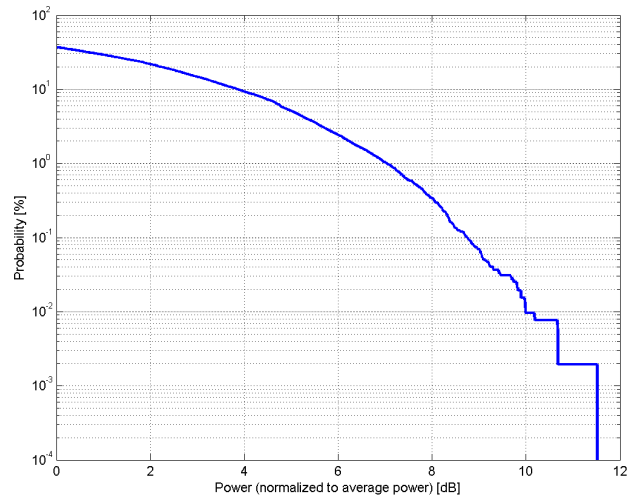


Time Domain

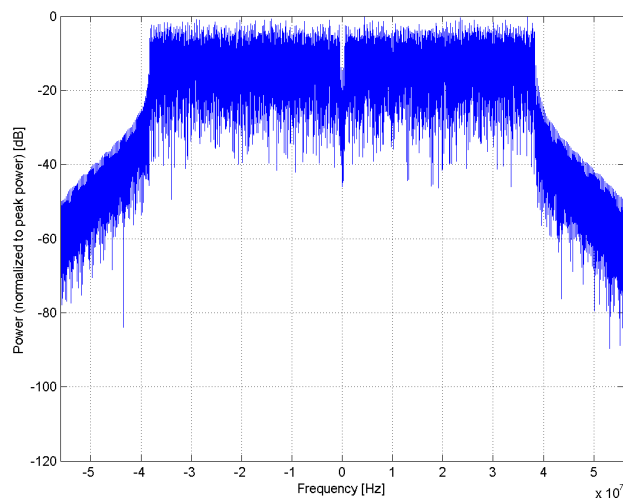
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)
Group:	WLAN
UID:	10632-AAB
PAR: ¹	8.74 dB
MIF: ²	-9.64 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	64-QAM
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	WLAN 5GHz (4915.0 - 5825.0 MHz)
	U-NII-1, U-NII-2A (5170 - 5330 MHz)
	U-NII-2C Standalone (5490 - 5710 MHz)
	U-NII-2C <5.65 GHz (5490 - 5650 MHz)
	U-NII-3 Standalone (5735 - 5835 MHz)
	U-NII-2C, U-NII-3 (5650 - 5835 MHz)
	Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 80MHz
	Duty cycle: 90%
	MCS: 6
	Number of spatial streams: 1
	MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.3 ms

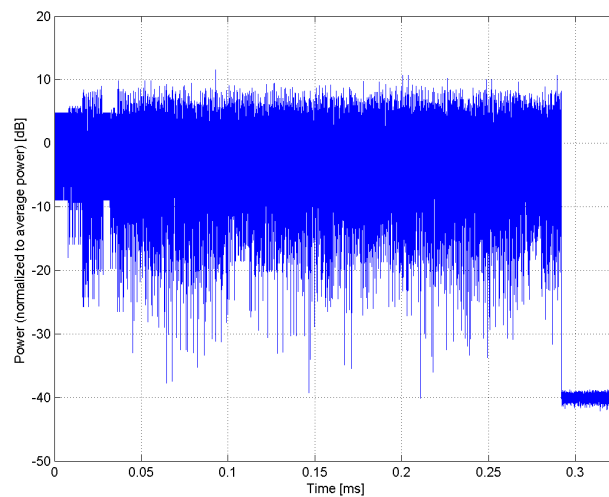
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)**

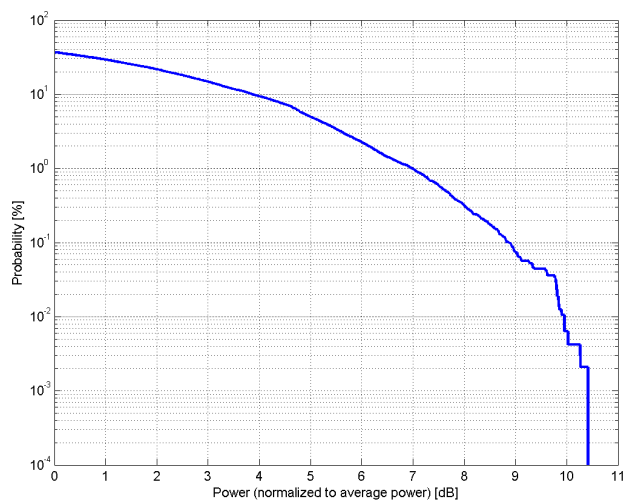
Group: WLAN
UID: 10633-AAB

PAR: ¹ **8.83 dB**
MIF: ² **-9.97 dB**

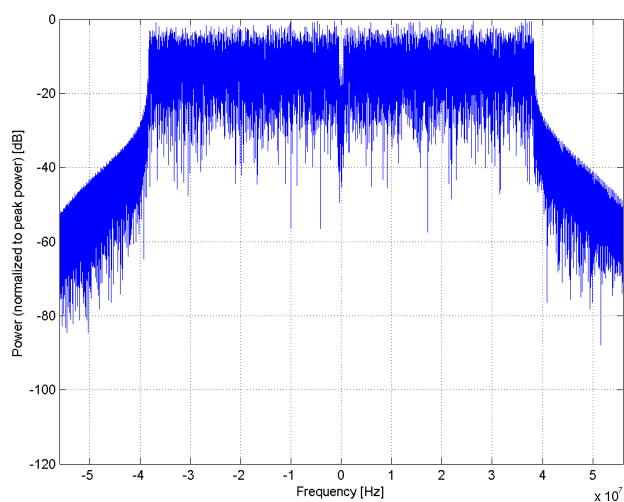
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 80MHz
Duty cycle: 90%
MCS: 7
Number of spatial streams: 1
MPDU length: 8192
Bandwidth: 80.0 MHz
Integration Time: 0.3 ms

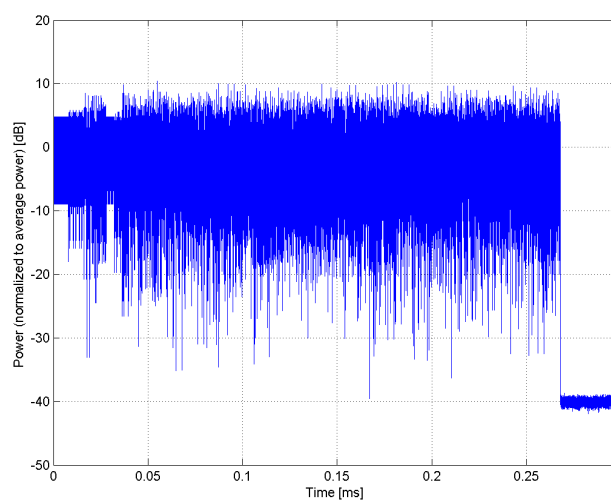
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

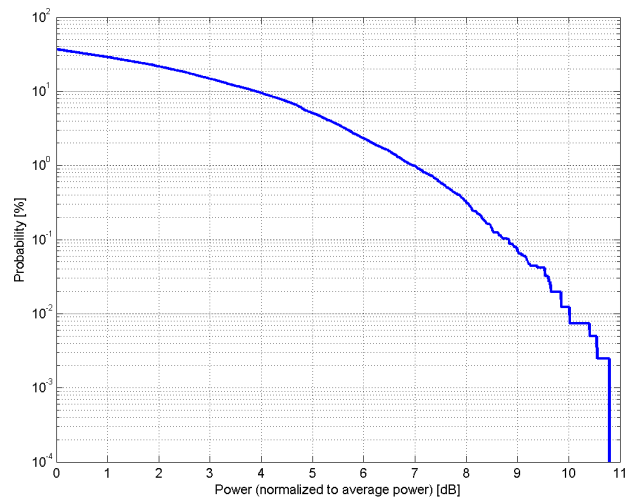


Time Domain

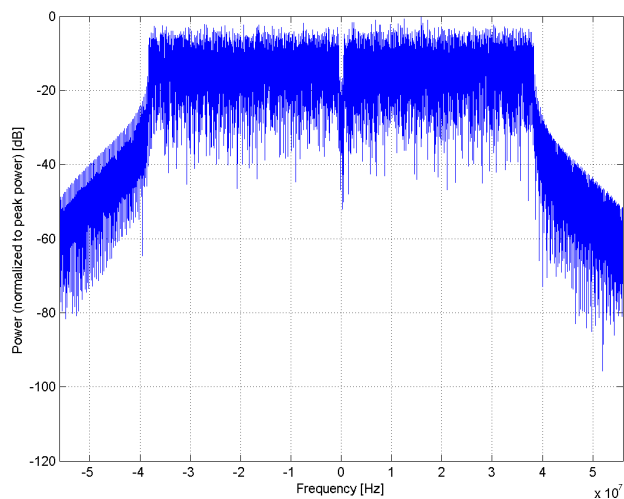
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)
Group:	WLAN
UID:	10634-AAB
PAR: ¹	8.80 dB
MIF: ²	-10.92 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
Frequency Band:	WLAN 2.4GHz (2412.0 - 2484.0 MHz) WLAN 5GHz (4915.0 - 5825.0 MHz) U-NII-1, U-NII-2A (5170 - 5330 MHz) U-NII-2C Standalone (5490 - 5710 MHz) U-NII-2C <5.65 GHz (5490 - 5650 MHz) U-NII-3 Standalone (5735 - 5835 MHz) U-NII-2C, U-NII-3 (5650 - 5835 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 80MHz Duty cycle: 90% MCS: 8 Number of spatial streams: 1 MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.3 ms

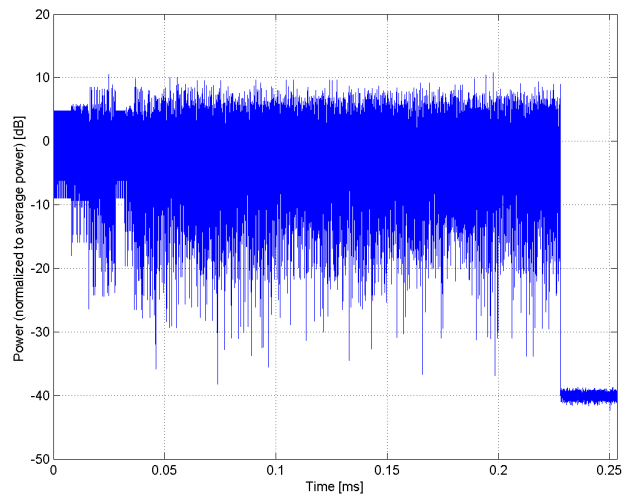
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

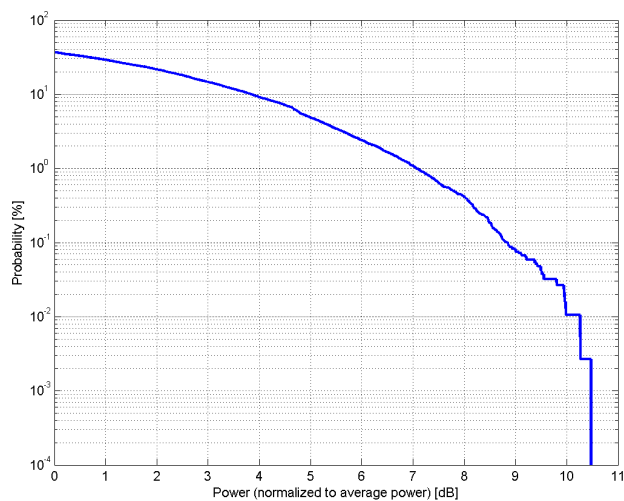


Time Domain

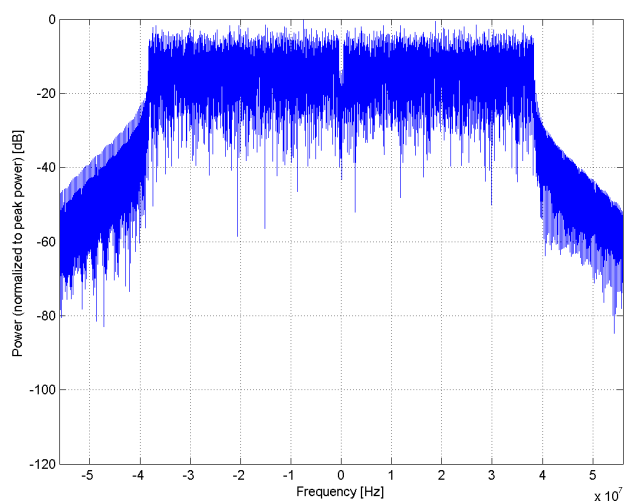
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)
Group:	WLAN
UID:	10635-AAB
PAR: ¹	8.81 dB
MIF: ²	-11.43 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01 Random amplitude modulation
Modulation:	256-QAM
Frequency Band:	WLAN 2.4GHz (2412.0 - 2484.0 MHz) WLAN 5GHz (4915.0 - 5825.0 MHz) U-NII-1, U-NII-2A (5170 - 5330 MHz) U-NII-2C Standalone (5490 - 5710 MHz) U-NII-2C <5.65 GHz (5490 - 5650 MHz) U-NII-3 Standalone (5735 - 5835 MHz) U-NII-2C, U-NII-3 (5650 - 5835 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Bandwidth: 80MHz Duty cycle: 90% MCS: 9 Number of spatial streams: 1 MPDU length: 8192
Bandwidth:	80.0 MHz
Integration Time:	0.2 ms

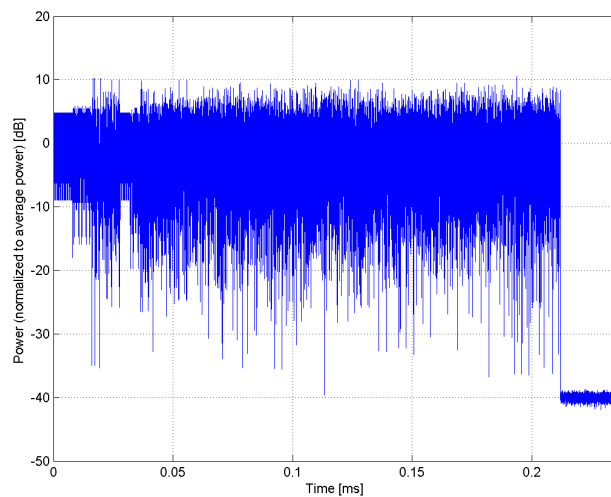
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)**

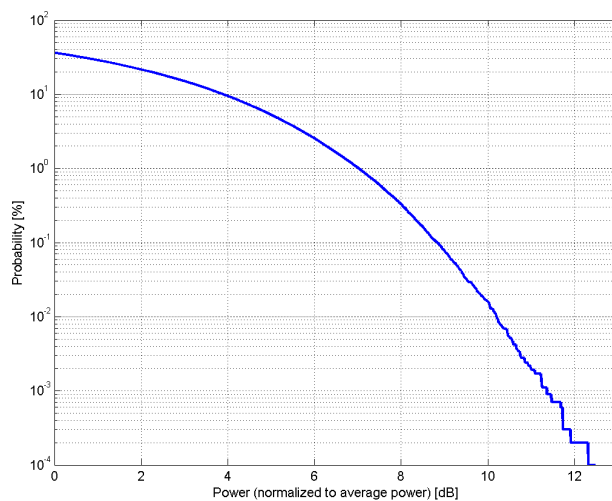
Group: WLAN
UID: 10636-AAC

PAR: ¹ **8.83 dB**
MIF: ² **-5.56 dB**

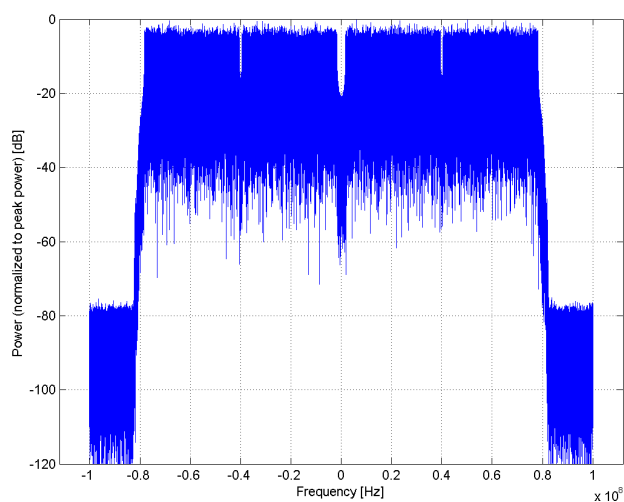
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Random amplitude modulation
Category: BPSK
Modulation: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
Frequency Band: WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <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: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 0
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 5.0 ms

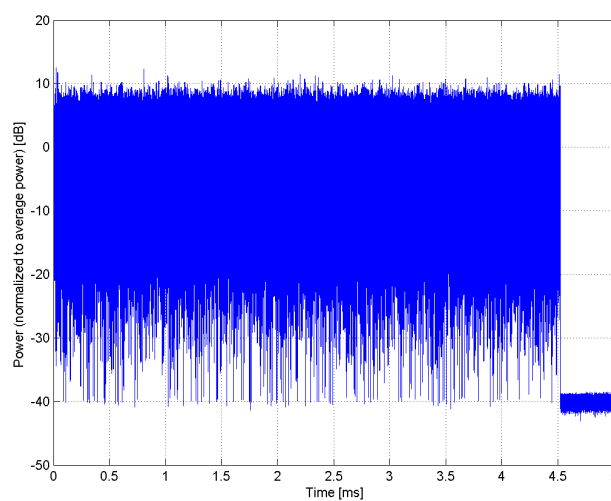
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



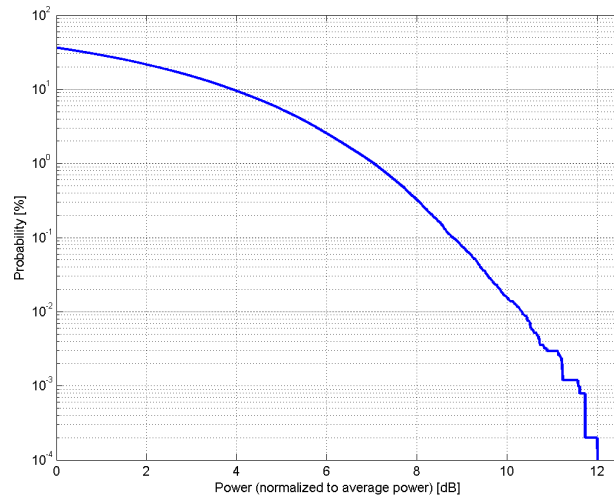
Time Domain

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

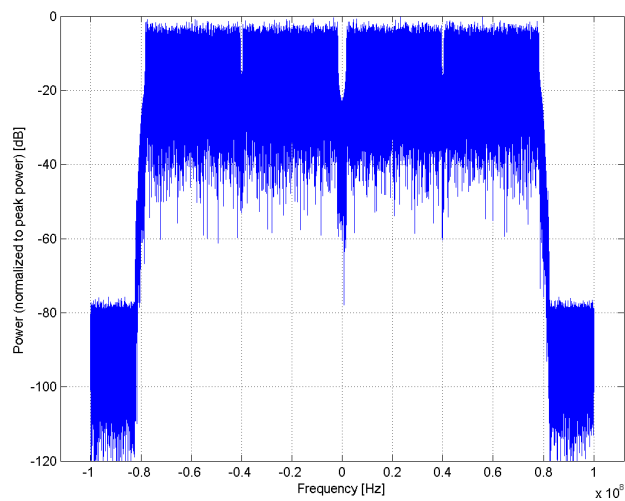
Name:	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)
Group:	WLAN
UID:	10637-AAC
PAR: ¹	8.79 dB
MIF: ²	-5.61 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	QPSK
	WLAN 2.4GHz (2412.0 - 2484.0 MHz)
	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:	Bandwidth: 160MHz
	Duty cycle: 90%
	MCS: 1
	Number of spatial streams: 1
	MPDU length: 32768
Bandwidth:	160.0 MHz
Integration Time:	2.5 ms

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

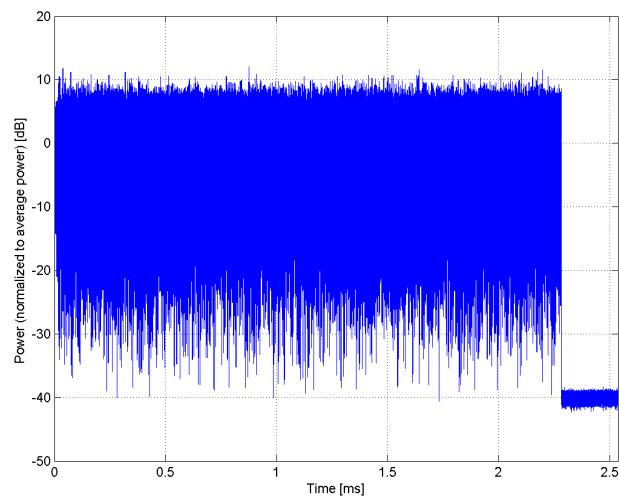
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)**

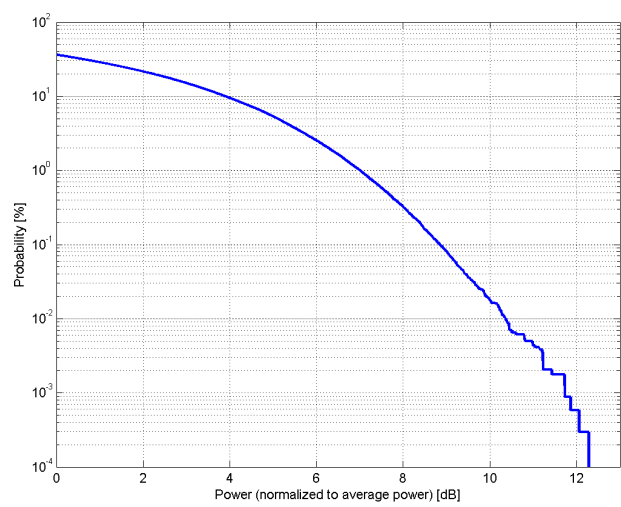
Group: WLAN
UID: 10638-AAC

PAR: ¹ **8.86 dB**
MIF: ² **-5.84 dB**

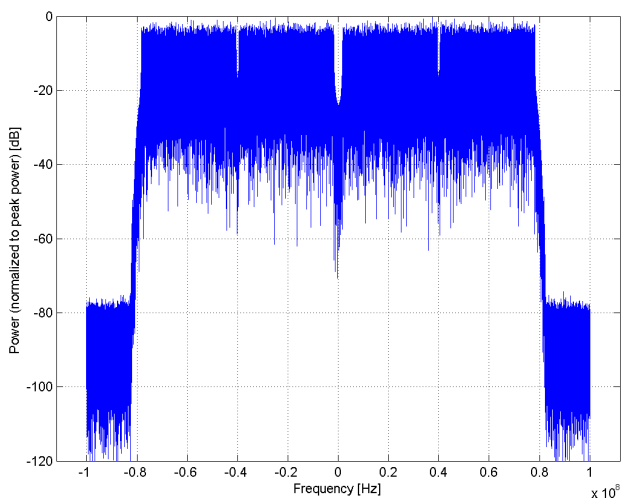
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: QPSK
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 2
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 1.7 ms

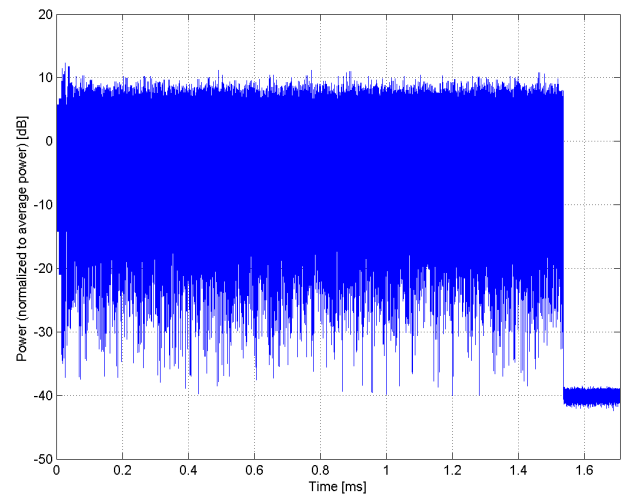
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)**

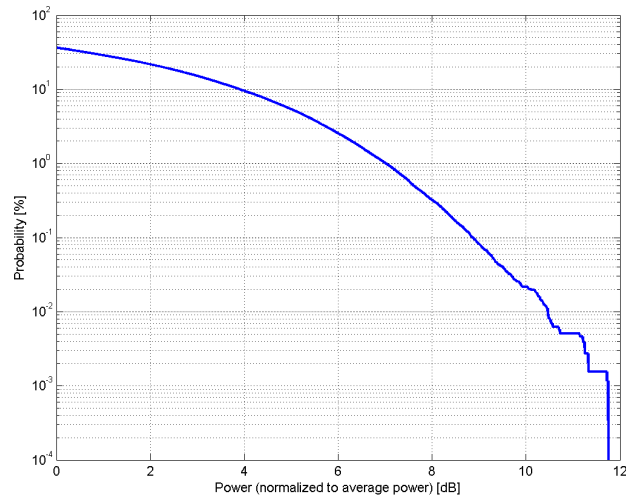
Group: WLAN
UID: 10639-AAC

PAR: ¹ **8.85 dB**
MIF: ² **-6.13 dB**

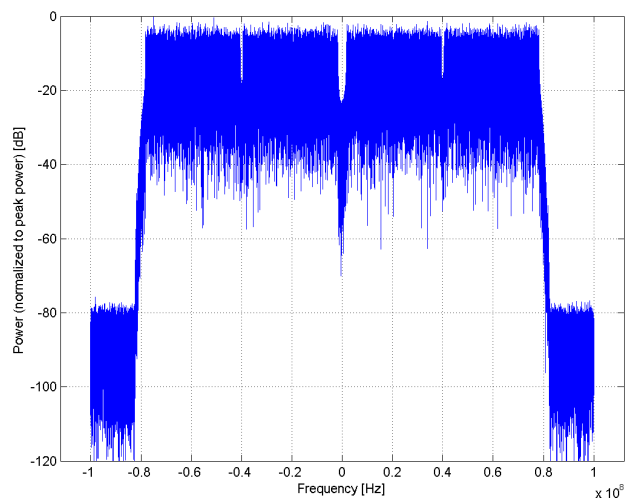
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 3
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 1.3 ms

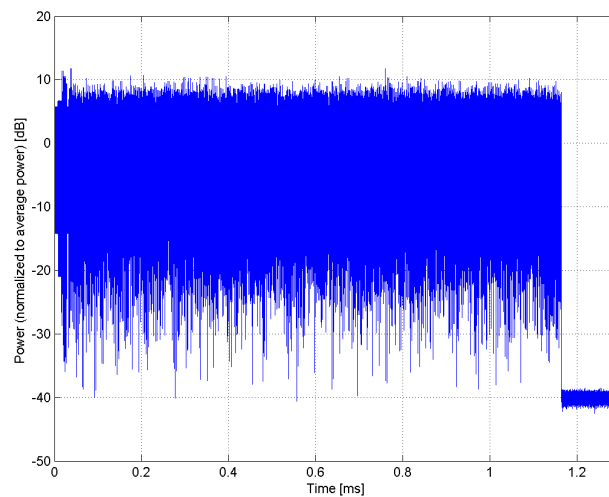
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)**

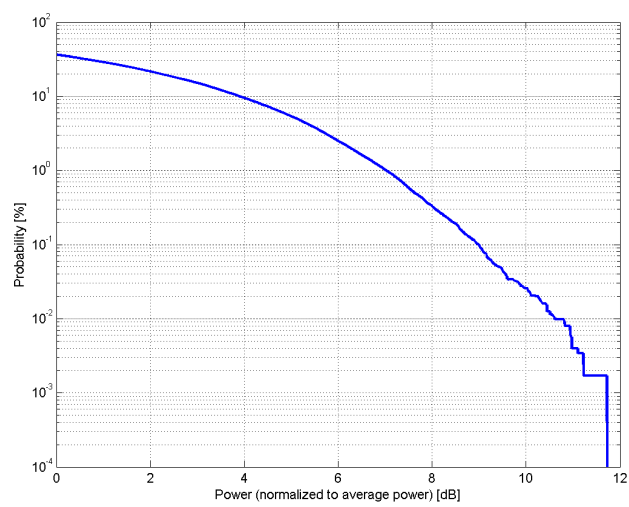
Group: WLAN
UID: 10640-AAC

PAR: ¹ **8.98 dB**
MIF: ² **-6.67 dB**

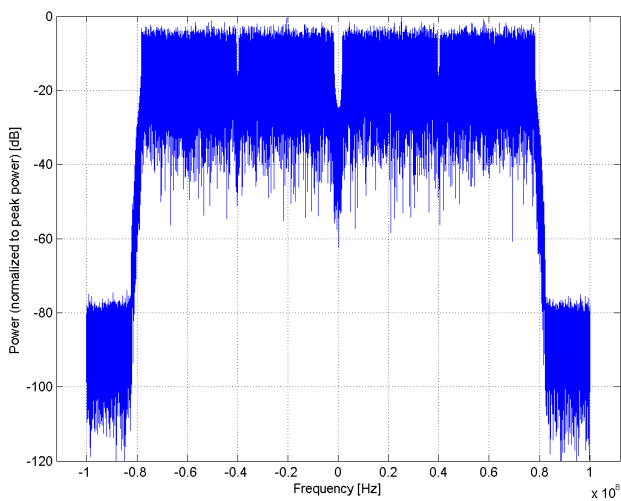
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 16-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 4
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 0.9 ms

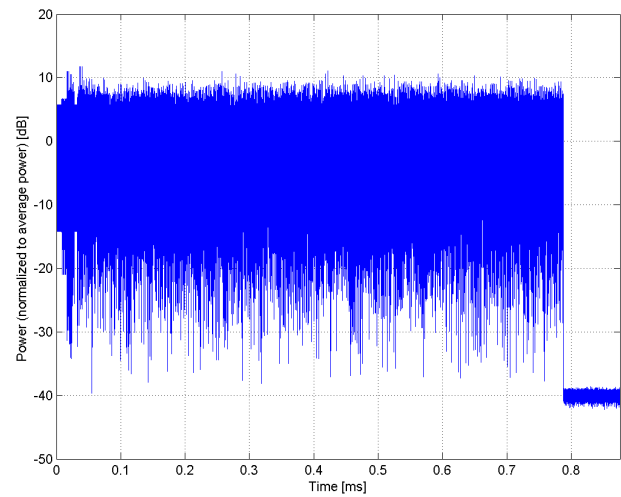
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)**

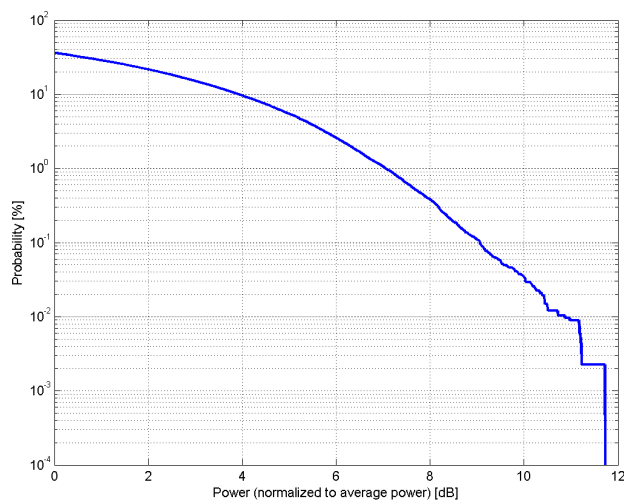
Group: WLAN
UID: 10641-AAC

PAR: ¹ **9.06 dB**
MIF: ² **-7.18 dB**

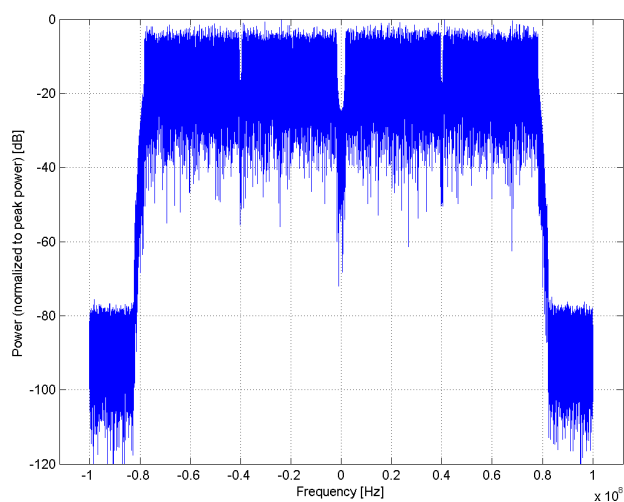
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 5
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 0.7 ms

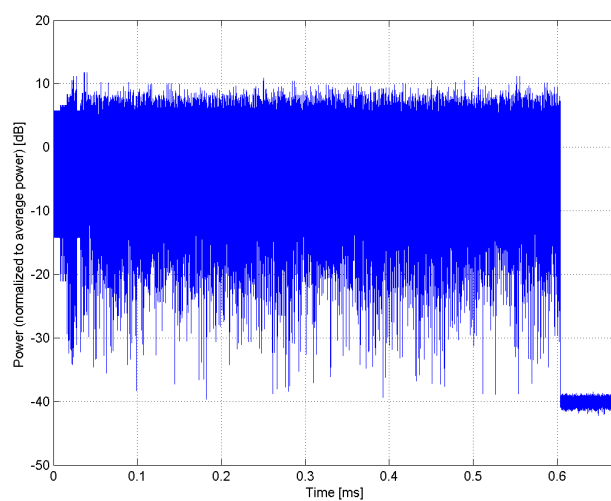
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)**

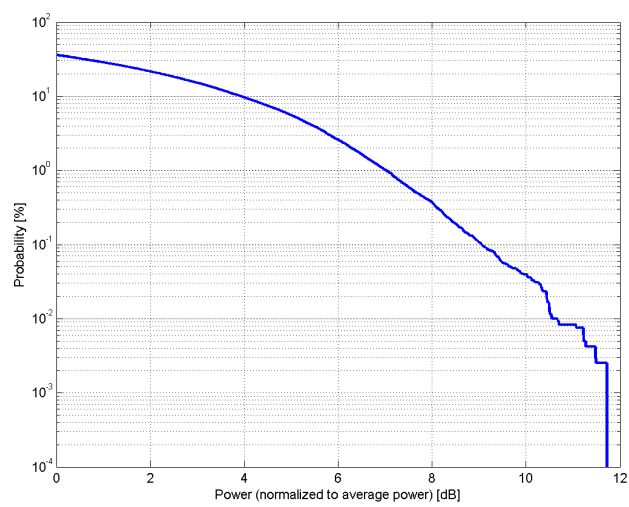
Group: WLAN
UID: 10642-AAC

PAR: ¹ **9.06 dB**
MIF: ² **-7.38 dB**

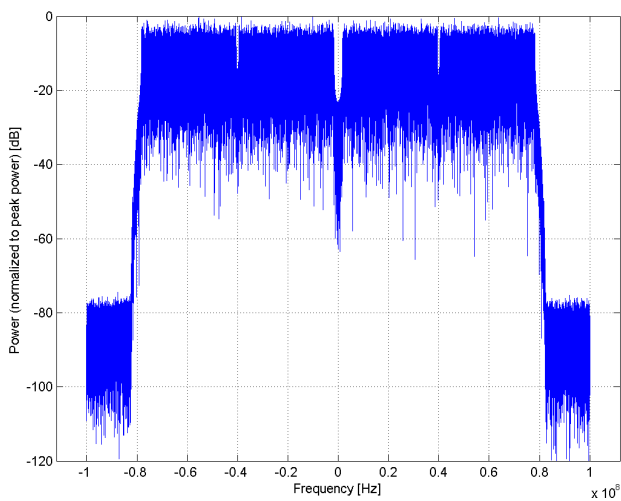
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 6
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 0.6 ms

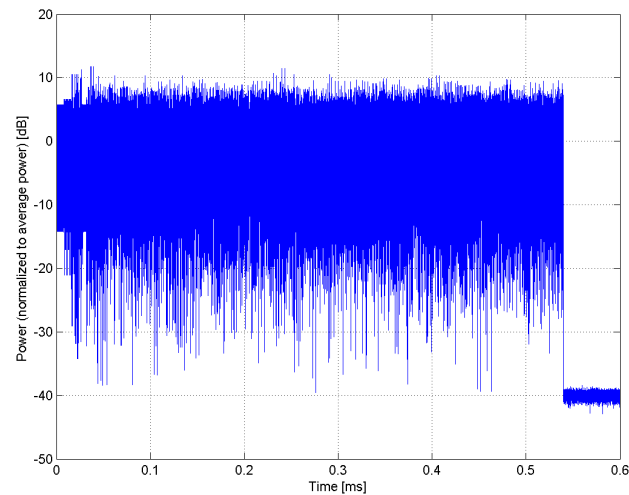
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)**

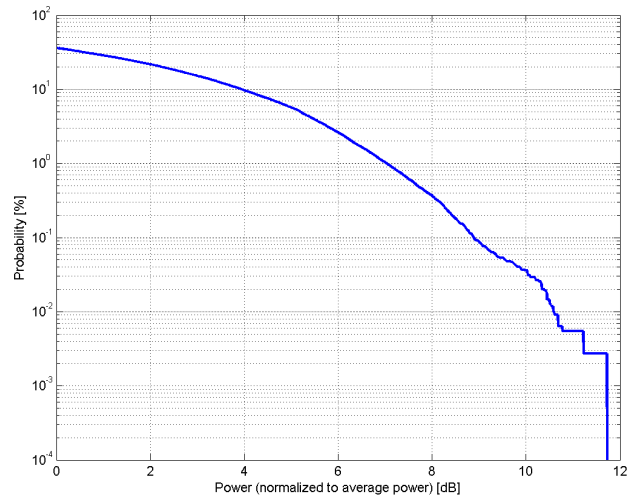
Group: WLAN
UID: 10643-AAC

PAR: ¹ **8.89 dB**
MIF: ² **-7.65 dB**

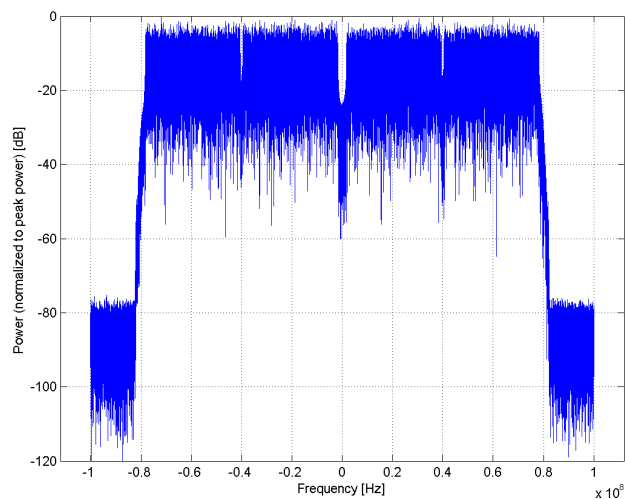
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 64-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <5.65 GHz (5490 - 5650 MHz)
U-NII-3 Standalone (5735 - 5835 MHz)
U-NII-2C, U-NII-3 (5650 - 5835 MHz)
Validation band (0.0 - 6000.0 MHz)

Detailed Specification: Bandwidth: 160MHz
Duty cycle: 90%
MCS: 7
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 0.5 ms

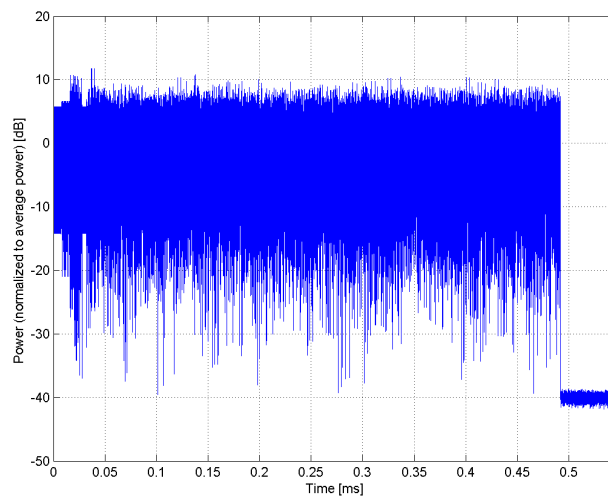
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

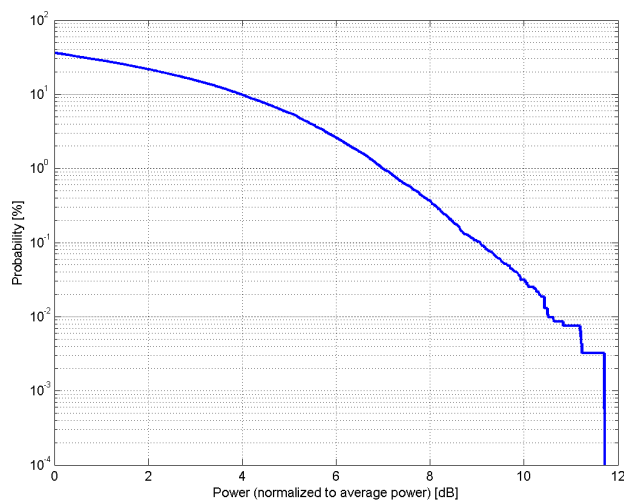


Time Domain

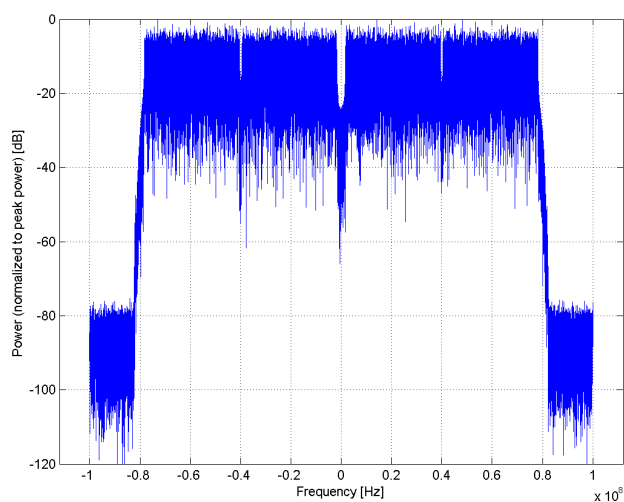
**Calibration Laboratory of
Schmid & Partner
Engineering AG**
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)
Group:	WLAN
UID:	10644-AAC
PAR: ¹	9.05 dB
MIF: ²	-7.99 dB
Standard Reference:	IEEE 802.11-2013
Category:	FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Modulation:	Random amplitude modulation
Frequency Band:	256-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: 160MHz
	Duty cycle: 90%
	MCS: 8
	Number of spatial streams: 1
	MPDU length: 32768
Bandwidth:	160.0 MHz
Integration Time:	0.5 ms

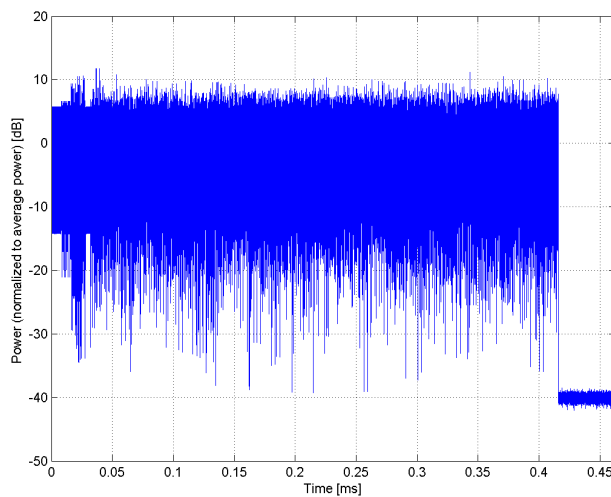
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name: **IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)**

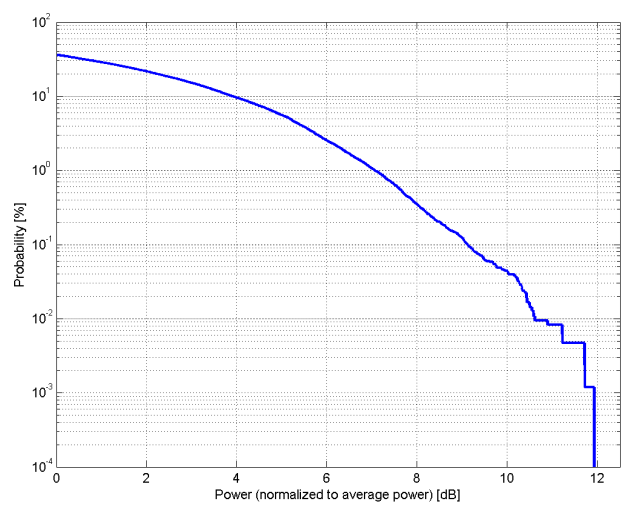
Group: WLAN
UID: 10645-AAC

PAR: ¹ **9.11 dB**
MIF: ² **-8.26 dB**

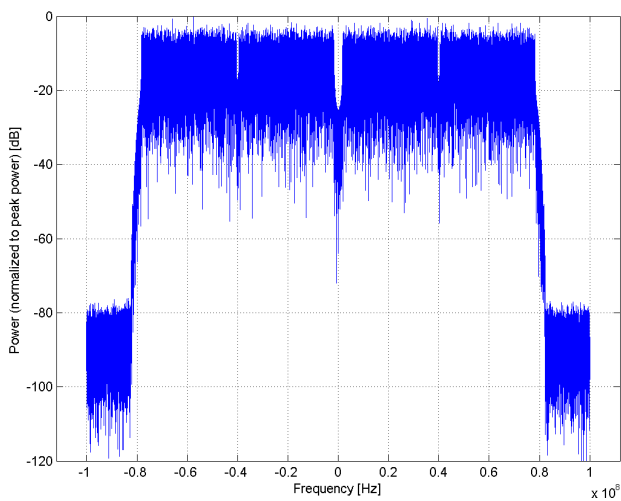
Standard Reference: IEEE 802.11-2013
FCC OET KDB 248227 D01 802.11 Wi-Fi SAR v02r01
Category: Random amplitude modulation
Modulation: 256-QAM
Frequency Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz)
WLAN 5GHz (4915.0 - 5825.0 MHz)
U-NII-1, U-NII-2A (5170 - 5330 MHz)
U-NII-2C Standalone (5490 - 5710 MHz)
U-NII-2C <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: 90%
MCS: 9
Number of spatial streams: 1
MPDU length: 32768
Bandwidth: 160.0 MHz
Integration Time: 0.4 ms

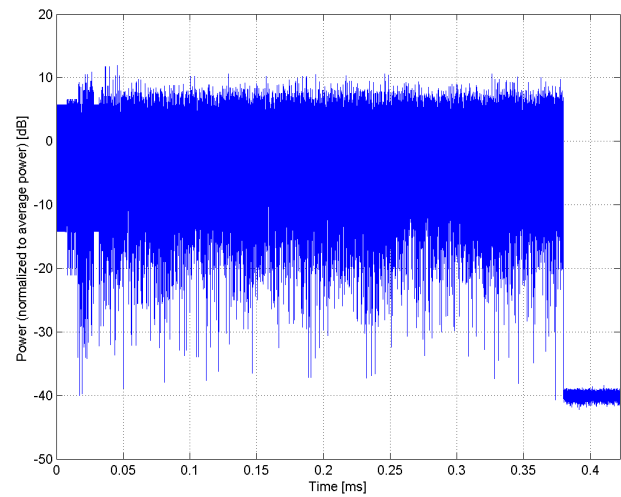
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



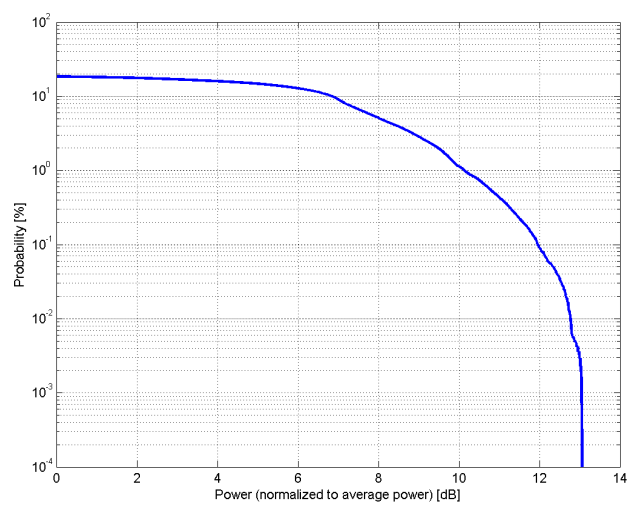
Time Domain

Calibration Laboratory of Schmid & Partner Engineering AG

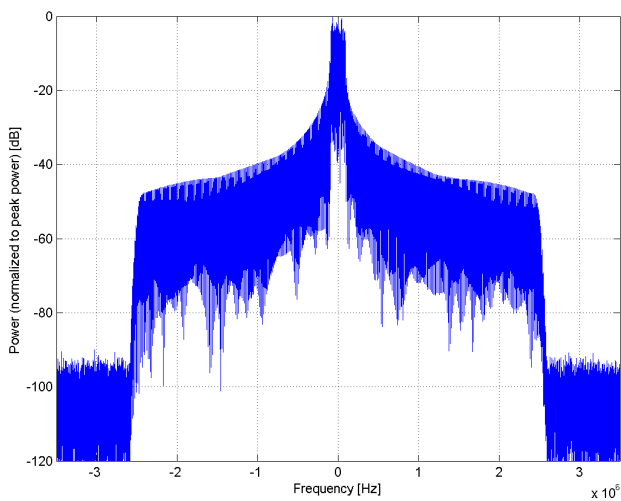
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)
Group:	LTE-TDD
UID:	10646-AAG
PAR: ¹	11.96 dB
MIF: ²	1.50 dB
Standard Reference:	3GPP / ETSI TS 136.101 V8.4.0 3GPP / ETSI TS 136.213 V8.4.0 FCC OET KDB 941225 D05 SAR for LTE Devices v01
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	Band 33, E-UTRA/TDD (1900.0 - 1920.0 MHz) Band 34, E-UTRA/TDD (2010.0 - 2025.0 MHz) Band 35, E-UTRA/TDD (1850.0 - 1910.0 MHz) Band 36, E-UTRA/TDD (1930.0 - 1990.0 MHz) Band 37, E-UTRA/TDD (1910.0 - 1930.0 MHz) Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz) Band 39, E-UTRA/TDD (1880.0 - 1920.0 MHz) Band 40, E-UTRA/TDD (2300.0 - 2400.0 MHz) Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz) Band 42, E-UTRA/TDD (3400.0 - 3600.0 MHz) Band 43, E-UTRA/TDD (3600.0 - 3800.0 MHz) Band 44, E-UTRA/TDD (703.0 - 803.0 MHz) Band 45, E-UTRA/FDD (1447.0 - 1467.0 MHz) Band 48, E-UTRA/TDD (3550.0 - 3700.0 MHz) Band 50, E-UTRA/TDD (1432.0 - 1517.0 MHz) Band 51, E-UTRA/TDD (1427.0 - 1432.0 MHz) Band 52, E-UTRA/FDD (3300.0 - 3400.0 MHz) Band 53, E-UTRA/FDD (2483.5 - 2495.0 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Modulation Scheme: SC-FDMA Uplink-downlink configuration: 2 Special Subframe configuration: 4 Number of Frames: 2 Settings for UL Subframe: 2,7 Number of PUSCHs: 1 Modulation Scheme: QPSK Allocated RB: 1 Start Number of RB: 12 Data Type: PN9fix
Bandwidth:	5.0 MHz
Integration Time:	20.0 ms

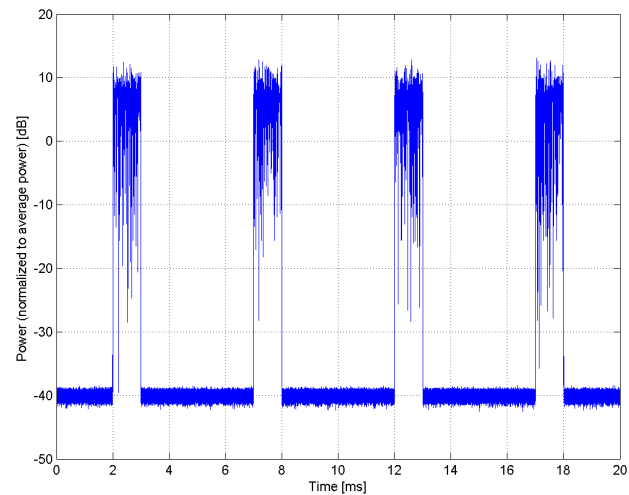
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain

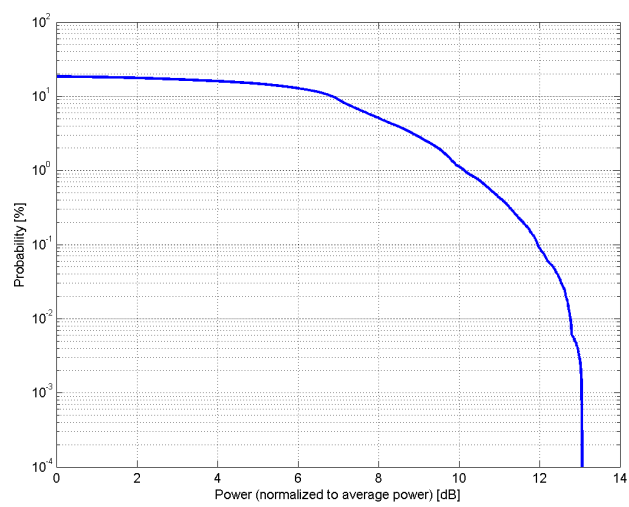


Time Domain

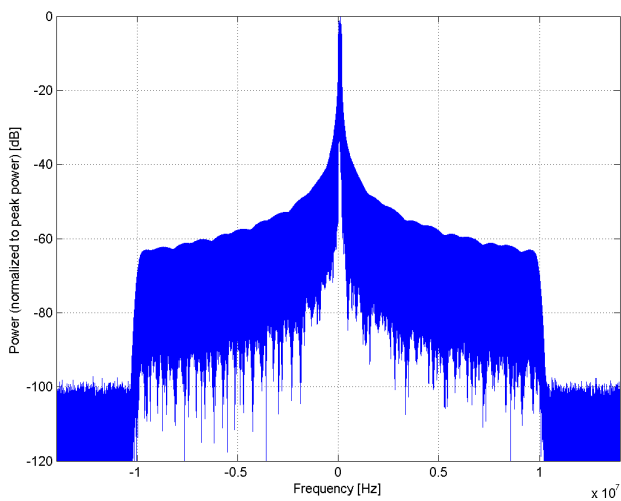
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)
Group:	LTE-TDD
UID:	10647-AAF
PAR: ¹	11.96 dB
MIF: ²	1.50 dB
Standard Reference:	3GPP / ETSI TS 136.101 V8.4.0 3GPP / ETSI TS 136.213 V8.4.0 FCC OET KDB 941225 D05 SAR for LTE Devices v01 Random amplitude modulation
Category:	QPSK
Modulation:	QPSK
Frequency Band:	Band 33, E-UTRA/TDD (1900.0 - 1920.0 MHz) Band 35, E-UTRA/TDD (1850.0 - 1910.0 MHz) Band 36, E-UTRA/TDD (1930.0 - 1990.0 MHz) Band 37, E-UTRA/TDD (1910.0 - 1930.0 MHz) Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz) Band 39, E-UTRA/TDD (1880.0 - 1920.0 MHz) Band 40, E-UTRA/TDD (2300.0 - 2400.0 MHz) Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz) Band 42, E-UTRA/TDD (3400.0 - 3600.0 MHz) Band 43, E-UTRA/TDD (3600.0 - 3800.0 MHz) Band 44, E-UTRA/TDD (703.0 - 803.0 MHz) Band 45, E-UTRA/FDD (1447.0 - 1467.0 MHz) Band 46, E-UTRA/FDD (5150.0 - 5925.0 MHz) Band 47, E-UTRA/TDD (5855.0 - 5925.0 MHz) Band 48, E-UTRA/TDD (3550.0 - 3700.0 MHz) Band 49, E-UTRA/TDD (3550.0 - 3700.0 MHz) Band 50, E-UTRA/TDD (1432.0 - 1517.0 MHz) Band 76, E-UTRA/FDD (3300.0 - 3400.0 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	Modulation Scheme: SC-FDMA Uplink-downlink configuration: 2 Special Subframe configuration: 7 Number of Frames: 2 Settings for UL Subframe: 2,7 Number of PUSCHs: 1 Modulation Scheme: QPSK Allocated RB: 1 Start Number of RB: 50 Data Type: PN9fix
Bandwidth:	20.0 MHz
Integration Time:	20.0 ms

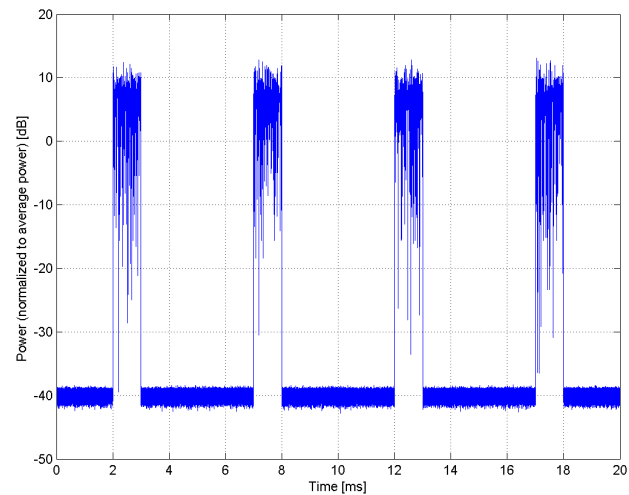
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



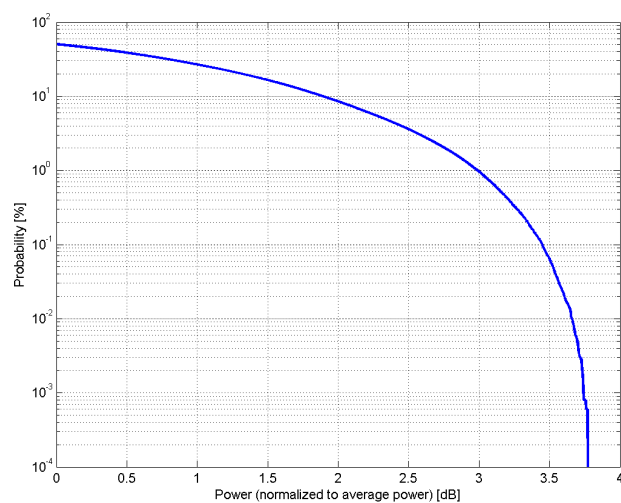
Frequency Domain



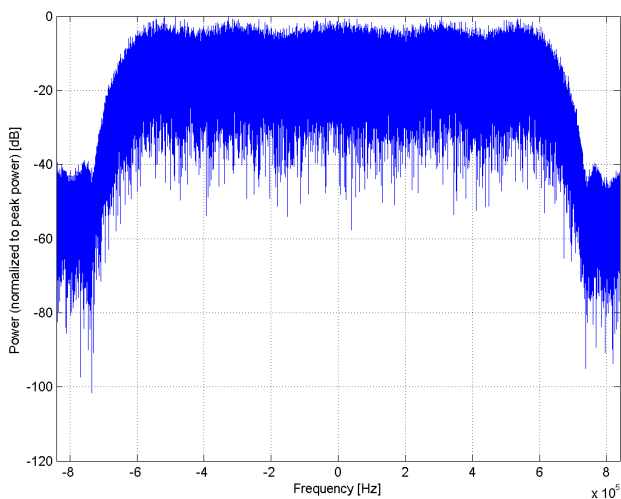
Time Domain

Name:	CDMA2000 (1x Advanced)
Group:	CDMA2000
UID:	10648-AAA
PAR: ¹	3.45 dB
MIF: ²	-19.86 dB
Standard Reference:	FCC OET KDB 941225 D01 3G SAR Procedures v03r01
Category:	Random amplitude modulation
Modulation:	-
Frequency Band:	Band Class 0 (815.0-849.0 MHz, 20220) Band Class 1 (1850.0-1910.0 MHz, 20040) Band Class 2 (872.0-915.0 MHz, 20041) Band Class 3 (887.0-925.0 MHz, 20042) Band Class 4 (1750.0-1780.0 MHz, 20043) Band Class 5 (411.7-483.5 MHz, 20044) Band Class 6 (1920.0-1980.0 MHz, 20045) Band Class 7 (776.0-794.0 MHz, 20046) Band Class 8 (1710.0-1785.0 MHz, 20047) Band Class 9 (880.0-915.0 MHz, 20048) Band Class 10 (806.0-901.0 MHz, 20049) Band Class 11 (410.0-462.5 MHz, 20050) Band Class 12 (870.0-876.0 MHz, 20051) Band Class 13 (2500.0-2570.0 MHz, 20179) Band Class 14 (1850.0-1915.0 MHz, 20180) Band Class 15 (1710.0-1755.0 MHz, 20181) Band Class 16 (2502.0-2568.0 MHz, 20182) Band Class 18 (787.0-799.0 MHz, 20184) Band Class 19 (698.0-716.0 MHz, 20185) Band Class 20 (1626.5-1660.5 MHz, 20186) Band Class 21 (2000.0-2020.0 MHz, 20187)
Detailed Specification:	Service Option 75 (SO75) Uplink RC8 Downlink RC11
Bandwidth:	1.2 MHz
Integration Time:	100.0 ms

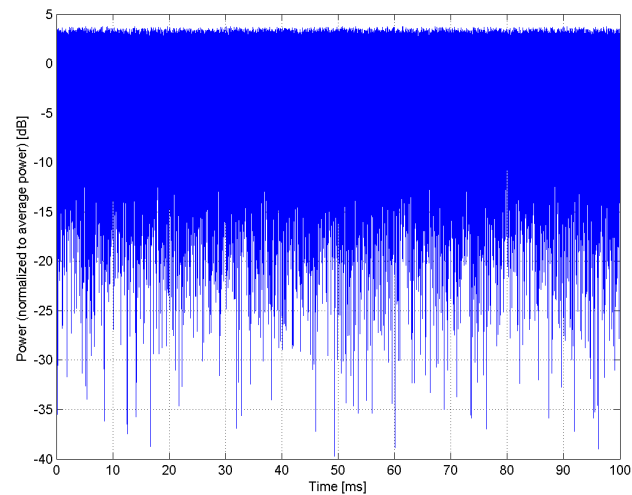
¹ PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "Measurement of the Peak-to-Average Power Ratio (PAPR)"
² Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name:	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)
Group:	LTE-TDD
UID:	10652-AAE
PAR: ¹	6.91 dB
MIF: ²	-5.16 dB
Standard Reference:	TS 36.141 V11.4
Category:	Random amplitude modulation
Modulation:	64-QAM
Frequency Band:	Band 33, E-UTRA/TDD (1900.0 - 1920.0 MHz) Band 34, E-UTRA/TDD (2010.0 - 2025.0 MHz) Band 35, E-UTRA/TDD (1850.0 - 1910.0 MHz) Band 36, E-UTRA/TDD (1930.0 - 1990.0 MHz) Band 37, E-UTRA/TDD (1910.0 - 1930.0 MHz) Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz) Band 39, E-UTRA/TDD (1880.0 - 1920.0 MHz) Band 40, E-UTRA/TDD (2300.0 - 2400.0 MHz) Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz) Band 42, E-UTRA/TDD (3400.0 - 3600.0 MHz) Band 43, E-UTRA/TDD (3600.0 - 3800.0 MHz) Band 44, E-UTRA/TDD (703.0 - 803.0 MHz) Band 45, E-UTRA/FDD (1447.0 - 1467.0 MHz) Band 48, E-UTRA/TDD (3550.0 - 3700.0 MHz) Band 50, E-UTRA/TDD (1432.0 - 1517.0 MHz) Band 51, E-UTRA/TDD (1427.0 - 1432.0 MHz) Band 52, E-UTRA/FDD (3300.0 - 3400.0 MHz) Band 53, E-UTRA/FDD (2483.5 - 2495.0 MHz) Validation band (0.0 - 6000.0 MHz)
Detailed Specification:	E-UTRA Test Model 3.1 (E-TM3.1) Bandwidth: 5 MHz Clipping 44 %
Bandwidth:	5.0 MHz
Integration Time:	30.0 ms

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