Communication Systems Available for Calibration

Schmid & Partner Engineering AG

May 31, 2013

UID	Rev	CommonName	Group	PAR	MIF
0	-	CW	CW	0.00	−99.00
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	1.67
10011	CAA	UMTS-FDD (WCDMA)	WCDMA	2.91	−27.23
10012	CAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	−5.90
10013	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	−3.16
10021	DAA	GSM-FDD (TDMA, GMSK)	GSM	9.39	3.63
10023	DAA	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	3.80
10024	DAA	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	1.15
10025	DAA	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	3.75
10026	DAA	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	1.23
10027	DAA	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	−0.67
10028	DAA	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	−2.05
10029	DAA	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	−0.52
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	1.02
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	−2.66
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	−3.98
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	0.90
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	−2.69
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	−3.99
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	0.89
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	−2.68
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	−3.99
10039	CAA	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	−19.77
10041	CAB	iDEN 2:6	iDEN	7.59	−3.43
10042	CAA	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	0.86
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	−99.00
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	7.03
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	4.66
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	3.10
10058	DAA	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	−1.82
10059	CAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	−5.17
10060	CAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	−3.37
10061	CAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	−2.02
10062	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	−5.82
10063	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	−5.14
10064	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	−4.67
10065	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	−4.00
10066	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	−3.55
10067	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	−3.20
10068	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	−3.16
10069	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	−3.15
10071	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	−2.40
10072	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	−1.88
10073	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	−1.22
10074	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	−0.80
10075	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	−0.29
10076	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	0.02
10077	CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	0.12
10080	CAB	CDMA2000 (1xEV-DO, 153.6 kbps)	CDMA2000	4.22	−19.54
10081	CAA	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	−19.71
10082	CAA	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	−2.91
10084	CAA	FSE MRI sequence (pi Sinc, 10ms, 2.5 ms)	MRI	9.48	−99.00
10089	CAA	MRI (Square, 1ms, 0.4ms)	MRI	3.98	−99.00
10090	DAA	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	1.81
10091	CAA	MITS (2pi Sinc, 1ms, 0.4ms)	MRI	10.22	−99.00

UID	Rev	CommonName	Group	PAR	MIF
10093	CAA	MRI (Square, 10ms, 0.4ms)	MRI	13.98	−99.00
10097	CAA	UMTS-FDD (HSDPA)	WCDMA	3.98	−20.75
10098	CAA	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	−20.75
10099	DAA	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	1.88
10100	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	−23.48
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	−17.86
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	−17.05
10103	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	−1.64
10104	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	−1.66
10105	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	−1.67
10108	CAB	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	−21.57
10109	CAB	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	−16.87
10110	CAB	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	−23.39
10111	CAB	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	−16.35
10112	CAB	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	−16.34
10113	CAB	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	−15.98
10114	CAA	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	−17.24
10115	CAA	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	−17.11
10116	CAA	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	−17.09
10117	CAA	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	−17.16
10118	CAA	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	−17.09
10119	CAA	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	−17.00
10140	CAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	−19.37
10141	CAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	−19.44
10142	CAB	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	−22.36
10143	CAB	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	−14.75
10144	CAB	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	−15.02
10145	CAB	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	−17.39
10146	CAB	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	−13.60
10147	CAB	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	−13.90
10149	CAB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	−16.87
10150	CAB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	−16.33
10151	CAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	−1.64
10152	CAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	−1.66
10153	CAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	−1.66
10154	CAB	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	−23.42
10155	CAB	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	−16.36
10156	CAB	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	−21.71
10157	CAB	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	−15.78
10158	CAB	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	−15.99
10159	CAB	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	−14.49
10160	CAB	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	−17.95
10161	CAB	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	−17.54
10162	CAB	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	−17.63
10166	CAB	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	−18.10
10167	CAB	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	−12.15
10168	CAB	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	−12.10
10169	CAB	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	−15.63
10170	CAB	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	−9.76
10172	CAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	−1.62
10173	CAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	−1.44
10174	CAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	−1.54
10175	CAB	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	−15.63
10176	CAB	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	−9.76
10177	CAC	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	−15.63
10178	CAB	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	−9.76
10179	CAB	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	−9.93
10180	CAB	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	−9.93
10181	CAB	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	−15.63
10182	CAB	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	−9.76
10184	CAB	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	−15.62
10185	CAB	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	−9.76
10187	CAB	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	−15.62
10188	CAB	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	−9.76
10190	CAA	MRI (Square, 100ms, 5ms)	MRI	13.01	−99.00
10193	CAA	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	−15.80
10194	CAA	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	−16.17
10195	CAA	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	−15.73
10196	CAA	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	−16.16
10197	CAA	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	−16.43

UID	Rev	CommonName	Group	PAR	MIF
10198	CAA	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	−15.98
10199	CAA	MRI (Square, 5ms, 2.5ms)	MRI	3.01	−99.00
10219	CAA	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	−15.94
10220	CAA	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	−16.33
10221	CAA	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	−16.16
10222	CAA	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	−17.00
10223	CAA	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	−17.20
10224	CAA	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	−17.01
10225	CAA	UMTS-FDD (HSPA+)	WCDMA	5.97	−20.39
10226	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	−1.44
10227	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	−1.54
10228	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	−1.62
10229	CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	−1.44
10230	CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	−1.54
10231	CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	−1.62
10232	CAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	−1.44
10233	CAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	−1.54
10234	CAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	−1.62
10235	CAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	−1.44
10236	CAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	−1.54
10237	CAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	−1.62
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	−1.44
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	−1.54
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	−1.62
10241	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	−1.58
10242	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	−1.57
10243	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	−1.65
10244	CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	−1.65
10245	CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	−1.68
10246	CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	−1.65
10247	CAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	−1.67
10248	CAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	−1.66
10249	CAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	−1.64
10250	CAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	−1.65
10251	CAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	−1.67
10252	CAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	−1.64
10253	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	−1.67
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	−1.67
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	−1.64
10256	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	−1.65
10257	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	−1.64
10258	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	−1.65
10259	CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	−1.65
10260	CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	−1.65
10261	CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	−1.64
10262	CAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	−1.65
10263	CAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	−1.67
10264	CAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	−1.65
10265	CAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	−1.66
10266	CAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	−1.66
10267	CAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	−1.64
10268	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	−1.67
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	−1.69
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	−1.65
10272	CAA	MRI (Square, 20ms, 1.0ms)	MRI	13.01	−99.00
10273	CAA	CDMA2000 (1xEV-DO Rev A, 1.8Mbps)	CDMA2000	10.07	−3.78
10274	CAA	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	−24.48
10275	CAA	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	−26.26
10277	CAA	PHS (QPSK)	PHS	11.81	3.54
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	3.36
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	3.25
10290	AAA	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	−19.47
10291	AAA	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	−19.70
10292	AAA	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	−19.75
10293	AAA	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	−19.43
10295	AAA	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	3.26
10297	AAA	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	−21.56
10298	AAA	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	−20.24
10299	AAA	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	−14.38
10300	AAA	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	−13.14

UID	Rev	CommonName	Group	PAR	MIF
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	−1.38
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	−0.84
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	−0.53
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	−1.39
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	1.74
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	0.91
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	0.89
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	0.91
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	0.90
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	0.89
10311	AAA	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	−20.11
10313	AAA	iDEN 1:3	iDEN	10.51	1.15
10314	AAA	iDEN 1:6	iDEN	13.48	4.03
10315	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	−6.80
10316	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	−9.82
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	−9.82

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

Name:	**CW**
Group:	CW
UID:	0
PAR: [1]	**0.00**
MIF: [2]	**-99.00**
Standard Reference:	Generic Sample (CW)
Category:	Continous Waveform
Modulation:	Not applicable
Frequency Band:	MRI 1.5T (59.0 - 69.0 MHz, 20063) MRI 3T (123.0 - 133.0 MHz, 20064) D300 (300.0 MHz, 20079) D400 (400.0 MHz, 20080) D450 (450.0 MHz, 20081) D600V3 (600 MHz, 20198) D750 (750.0 MHz, 20082) D835 (835.0 MHz, 20083) D900 (900.0 MHz, 20084) D1450 (1450.0 MHz, 20085) D1500 (1500.0 MHz, 20086) D1640 (1640.0 MHz, 20087) D1750 (1750.0 MHz, 20088) D1765 (1765.0 MHz, 20089) D1800 (1800.0 MHz, 20090) D1900 (1900.0 MHz, 20091) D1950 (1950.0 MHz, 20092) D2000 (2000.0 MHz, 20093) D2100 (2100.0 MHz, 20094) D2300 (2300.0 MHz, 20095) D2450 (2450.0 MHz, 20096) D2550V2 (2550 MHz, 20199) D2600 (2600.0 MHz, 20097) D3000 (3000.0 MHz, 20098) D3300V2 (3300 MHz, 20200) D3500 (3500.0 MHz, 20099) D3700 (3700.0 MHz, 20100) D5GHz (5000.0 - 6000.0 MHz, 20101) CD700 (700.0 MHz, 20102) CD835 (835.0 MHz, 20103) CD1880 (1880.0 MHz, 20104) CD2150 (2150.0 MHz, 20105) CD2450 (2450.0 MHz, 20106) CD2600V3 (2600.0 MHz, 20201) CD3500V3 (3500.0 MHz, 20202) CD5500V3 (5500.0 MHz, 20203) ITD700 (700.0 MHz, 20107) ITD835 (835.0 MHz, 20108) ITD1880 (1880.0 MHz, 20109) ITD2150 (2150.0 MHz, 20110) ITD2600 (2600.0 MHz, 20111) ITD3500 (3500.0 MHz, 20112) ITD5500 (5000.0 - 5900.0 MHz, 20113) CLA30 (30.0 MHz, 20204) CLA64 (64.0 MHz, 20205) CLA128 (128.0 MHz, 20206) CLA150 (150.0 MHz, 20207) CLA220 (220.0 MHz, 20208) FullSpan (0.0 - 6000.0 MHz, 20156)
Detailed Specification:	Continous Waveform
Bandwidth:	Not applicable
Integration Time:	Not applicable

[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).

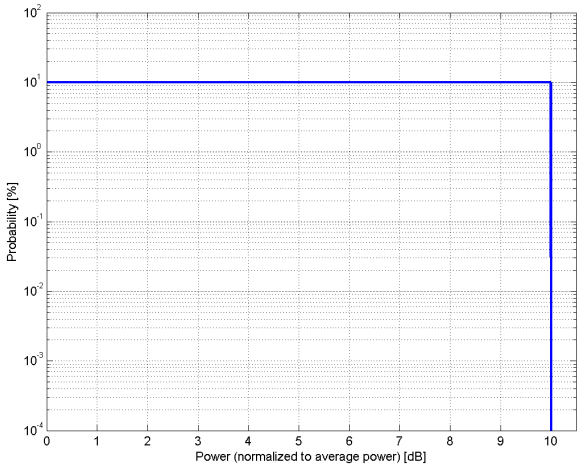
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**SAR Validation (Square, 100ms, 10ms)**
Group:	Test
UID:	10010-CAA
PAR: [1]	**10.00 dB**
MIF: [2]	**1.67 dB**
Standard Reference:	IEEE 1528-2003, Chapter 8.3.6.d), IEC 62209-2, Chapter B.3.5.d
Category:	Periodic pulsed modulation
Modulation:	AM
Frequency Band:	D300 (300.0-300.0 MHz, 20079) D400 (400.0-400.0 MHz, 20080) D450 (450.0-450.0 MHz, 20081) D750 (750.0-750.0 MHz, 20082) D835 (835.0-835.0 MHz, 20083) D900 (900.0-900.0 MHz, 20084) D1450 (1450.0-1450.0 MHz, 20085) D1500 (1500.0-1500.0 MHz, 20086) D1640 (1640.0-1640.0 MHz, 20087) D1750 (1750.0-1750.0 MHz, 20088) D1765 (1765.0-1765.0 MHz, 20089) D1800 (1800.0-1800.0 MHz, 20090) D1900 (1900.0-1900.0 MHz, 20091) D1950 (1950.0-1950.0 MHz, 20092) D2000 (2000.0-2000.0 MHz, 20093) D2100 (2100.0-2100.0 MHz, 20094) D2300 (2300.0-2300.0 MHz, 20095) D2450 (2450.0-2450.0 MHz, 20096) D2600 (2600.0-2600.0 MHz, 20097) D3000 (3000.0-3000.0 MHz, 20098) D3500 (3500.0-3500.0 MHz, 20099) D3700 (3700.0-3700.0 MHz, 20100) CD700 (700.0-700.0 MHz, 20102) CD835 (835.0-835.0 MHz, 20103) CD1880 (1880.0-1880.0 MHz, 20104) CD2150 (2150.0-2150.0 MHz, 20105) CD2450 (2450.0-2450.0 MHz, 20106) ITD700 (700.0-700.0 MHz, 20107) ITD835 (835.0-835.0 MHz, 20108) ITD1880 (1880.0-1880.0 MHz, 20109) ITD2150 (2150.0-2150.0 MHz, 20110) ITD2600 (2600.0-2600.0 MHz, 20111) ITD3500 (3500.0-3500.0 MHz, 20112) ITD5500 (5000.0-5900.0 MHz, 20113) D5GHz (5150.0-5250.0 MHz, 20161) D5GHz (5450.0-5550.0 MHz, 20162) D5GHz (5550.0-5650.0 MHz, 20163) D5GHz (5750.0-5850.0 MHz, 20189) MRI 1.5T (59.0-69.0 MHz, 20063) MRI 3T (123.0-133.0 MHz, 20064)
Detailed Specification:	pulse-modulated signal duty factor 0.1 pulse repetition 10 Hz
Bandwidth:	0.0 MHz
Integration Time:	100.0 ms

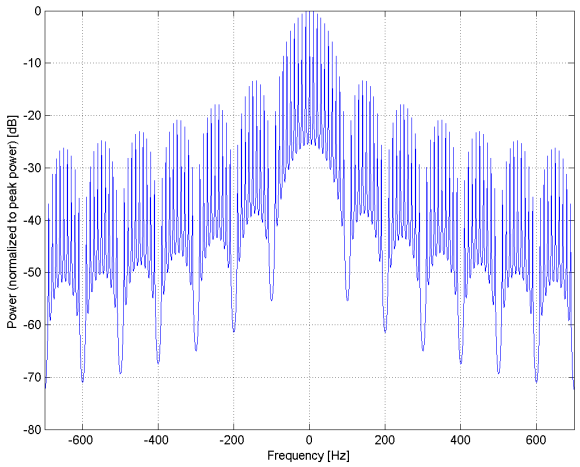
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

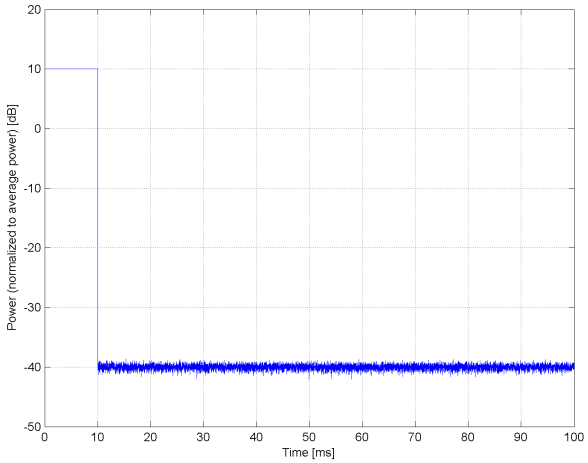
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

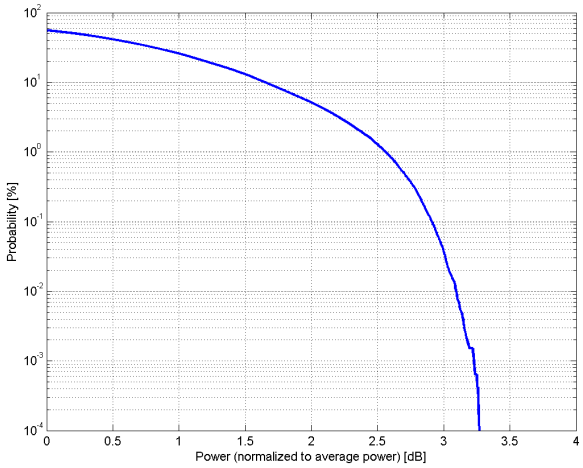
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**UMTS-FDD (WCDMA)**
Group:	WCDMA
UID:	10011-CAA
PAR: [1]	**2.91 dB**
MIF: [2]	**-27.23 dB**
Standard Reference:	3GPP TS 25.141 Annex A
	FCC OET KDB 941225 D01 SAR test for 3G devices v02
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	Band 1, UTRA/FDD (1920.0-1980.0 MHz, 20000)
	Band 2, UTRA/FDD (1850.0-1910.0 MHz, 20001)
	Band 3, UTRA/FDD (1710.0-1785.0 MHz, 20002)
	Band 4, UTRA/FDD (1710.0-1755.0 MHz, 20003)
	Band 5, UTRA/FDD (824.0-849.0 MHz, 20004)
	Band 6, UTRA/FDD (830.0-840.0 MHz, 20005)
	Band 7, UTRA/FDD (2500.0-2570.0 MHz, 20006)
	Band 8, UTRA/FDD (880.0-915.0 MHz, 20007)
	Band 9, UTRA/FDD (1749.9-1784.9 MHz, 20008)
	Band 10, UTRA/FDD (1710.0-1770.0 MHz, 20009)
	Band 11, UTRA/FDD (1427.9-1452.9 MHz, 20010)
	Band 12, UTRA/FDD (698.0-716.0 MHz, 20011)
	Band 13, UTRA/FDD (777.0-787.0 MHz, 20012)
	Band 14, UTRA/FDD (788.0-798.0 MHz, 20013)
	Band 19, UTRA/FDD (830.0-845.0 MHz, 20130)
	Band 20, UTRA/FDD (832.0-862.0 MHz, 20131)
	Band 21, UTRA/FDD (1447.9-1462.9 MHz, 20132)
Detailed Specification:	Dedicated Channel Type: RMC
	Bitrate: 12.2 kbps
	DPDCH: 60 kbps
	DPCCH: 15 kbps
	DPCCH/DPDCH power ratio: -5.46 dB
Bandwidth:	5.0 MHz
Integration Time:	100.0 ms

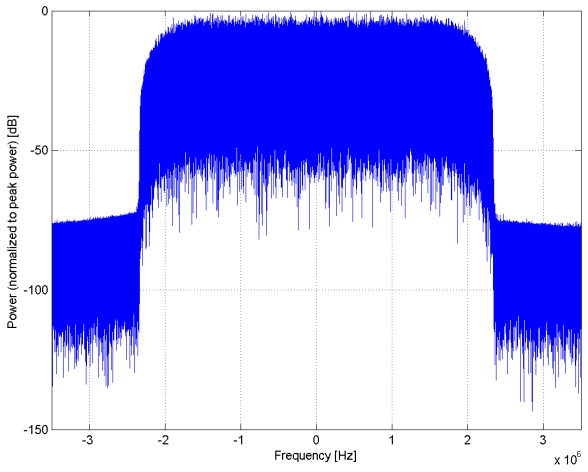
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

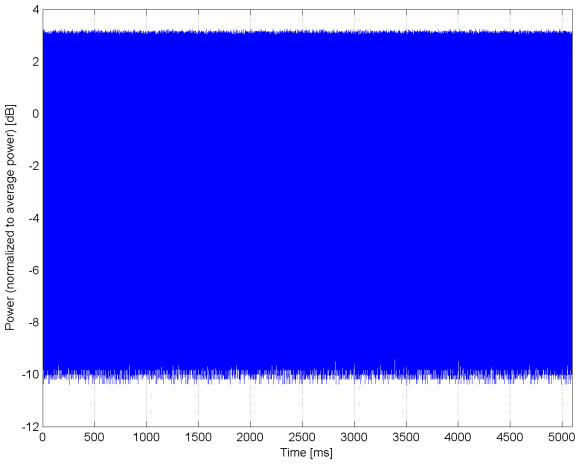
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

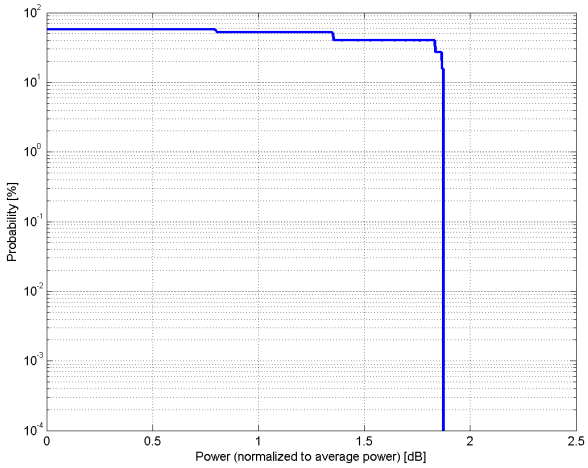
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)**
Group:	WLAN
UID:	10012-CAA
PAR: [1]	**1.87 dB**
MIF: [2]	**-5.90 dB**
Standard Reference:	IEEE 802.11b-1999 , Part 11, FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	DBPSK
Frequency Band:	ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030) ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028)
Detailed Specification:	Data Rate: 1 Mbps Spreading, Coding: DSSS, 11 Chip Barker PPDU format: Long Preamble & Heading PSDU Length: 1024 PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	9.1 ms

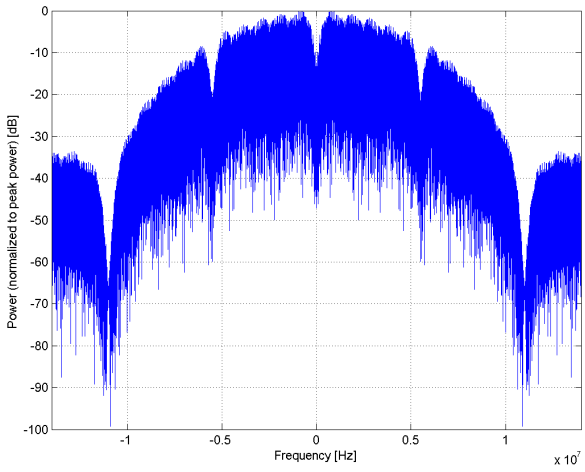
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

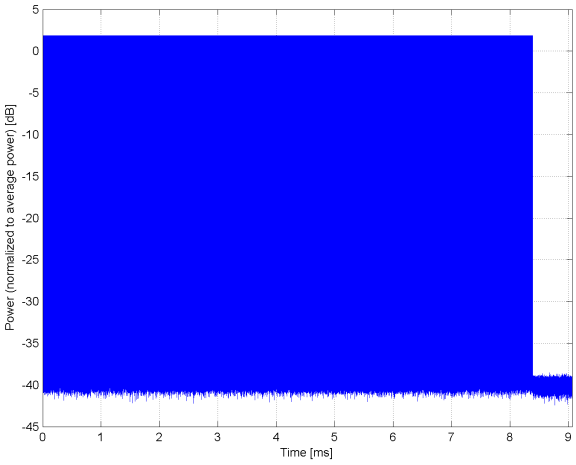
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

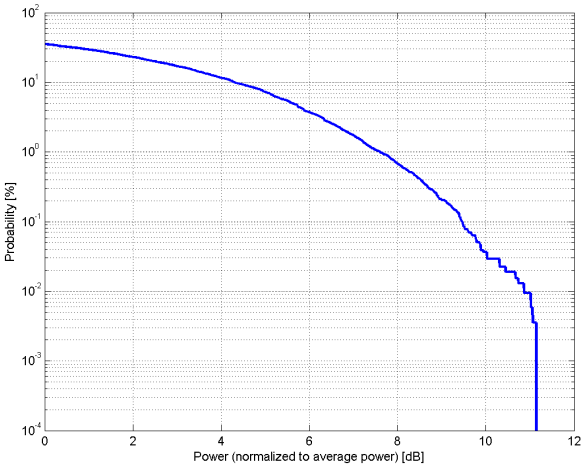
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)**
Group:	WLAN
UID:	10013-CAA
PAR: [1]	**9.46 dB**
MIF: [2]	**-3.16 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11, FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	BPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 6 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 1 Coded bits per OFDM symbol: 48 Data bits per OFDM symbol: 24 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	2.1 ms

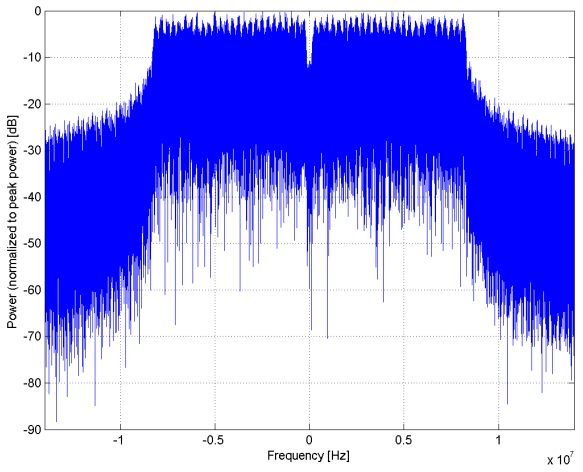
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

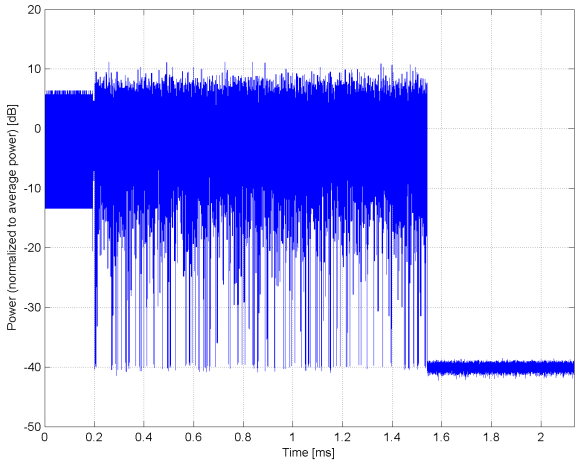
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

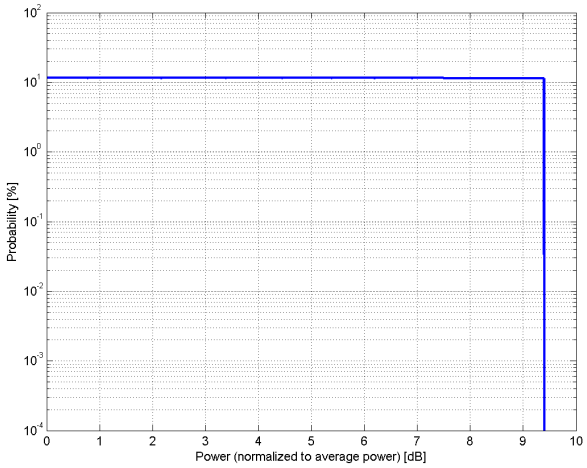
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**GSM-FDD (TDMA, GMSK)**
Group:	GSM
UID:	10021-DAA
PAR: [1]	**9.39 dB**
MIF: [2]	**3.63 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	GMSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slot: TN0 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for GMSK
Bandwidth:	0.4 MHz
Integration Time:	120.0 ms

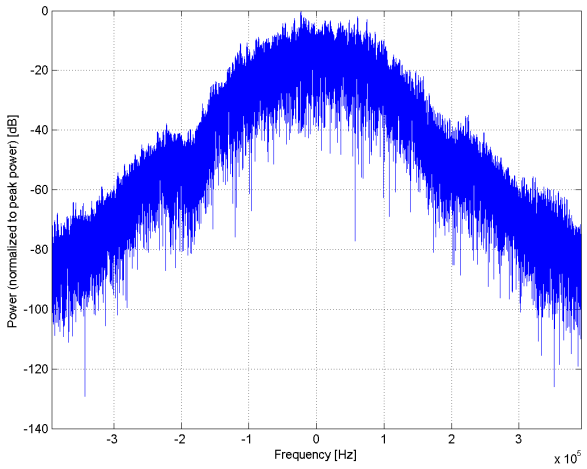
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

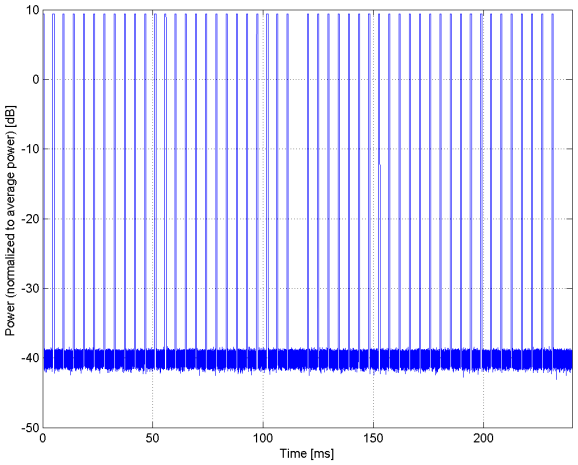
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

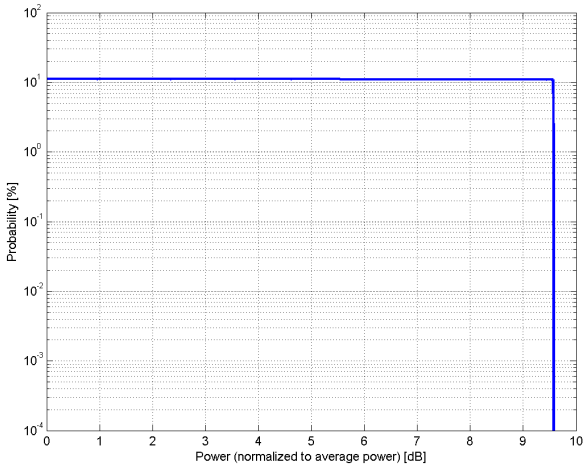
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**GPRS-FDD (TDMA, GMSK, TN 0)**
Group:	GSM
UID:	10023-DAA
PAR: [1]	**9.57 dB**
MIF: [2]	**3.80 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	GMSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slot: TN0 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for GMSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

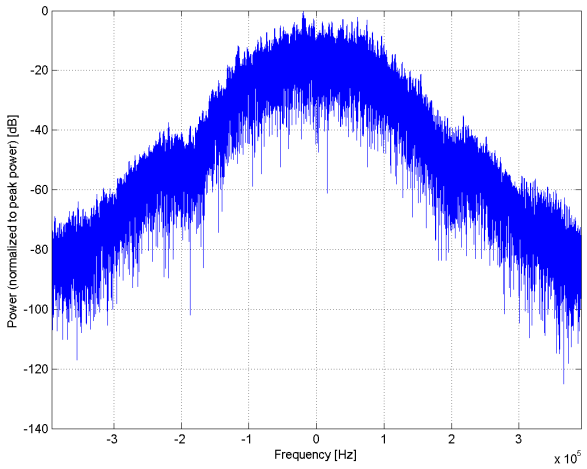
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

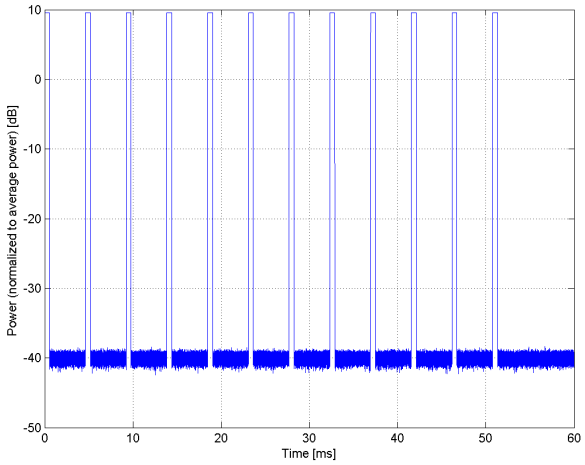
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

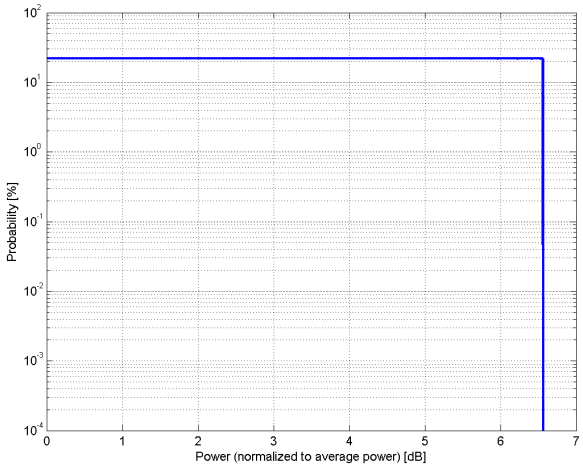
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**GPRS-FDD (TDMA, GMSK, TN 0-1)**
Group:	GSM
UID:	10024-DAA
PAR: [1]	**6.56 dB**
MIF: [2]	**1.15 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	GMSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slots: TN0, TN1 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for GMSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

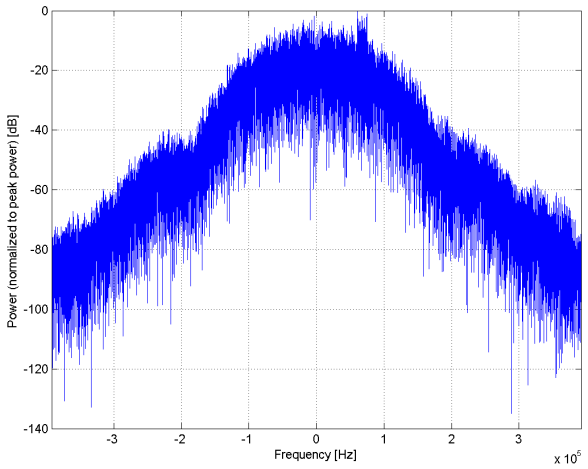
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

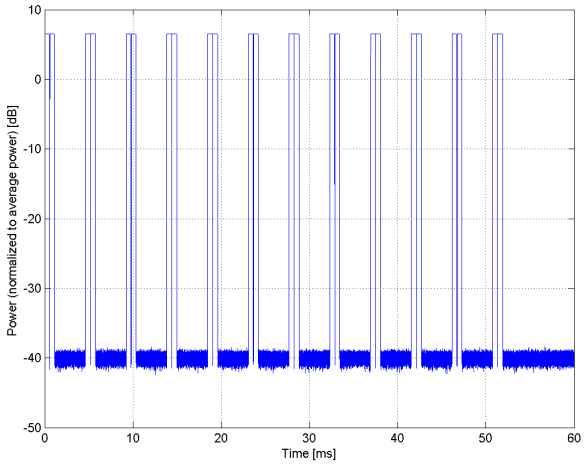
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

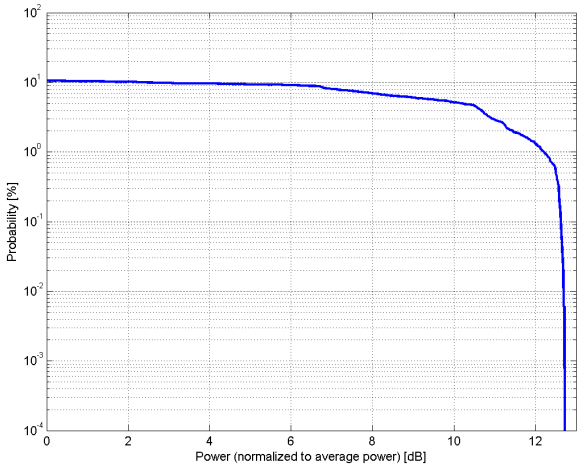
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**EDGE-FDD (TDMA, 8PSK, TN 0)**
Group:	GSM
UID:	10025-DAA
PAR: [1]	**12.62 dB**
MIF: [2]	**3.75 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	8PSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slot: TN0 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for 8PSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

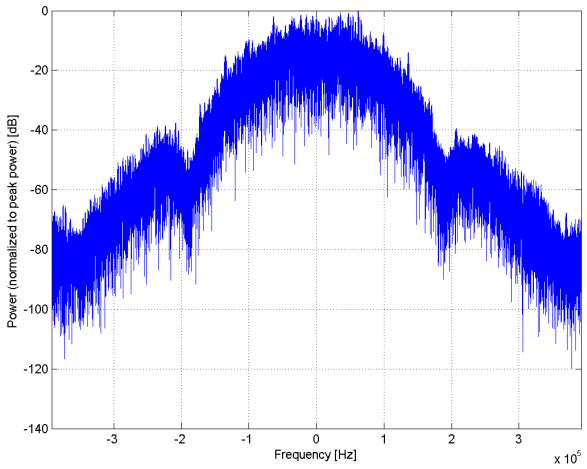
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

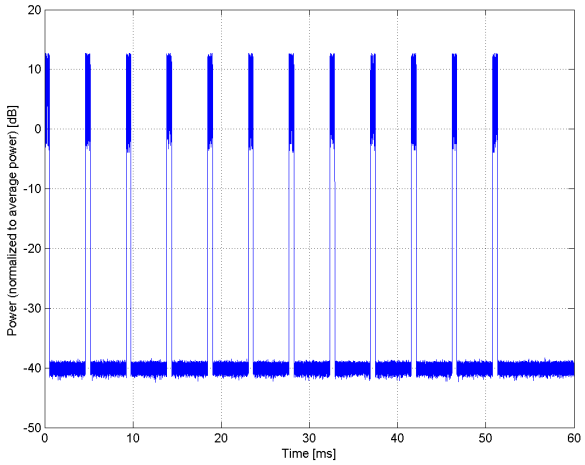
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



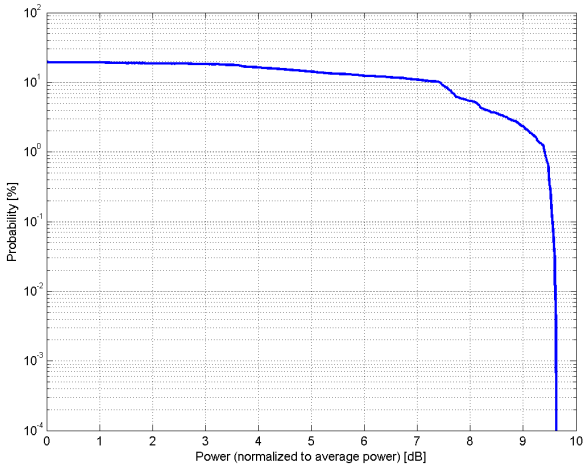
Time Domain

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

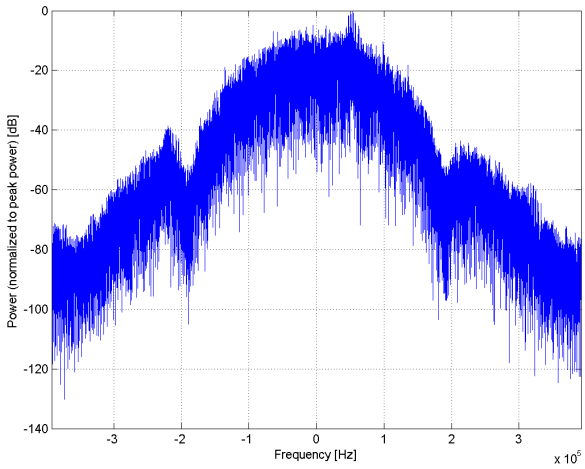
Name:	**EDGE-FDD (TDMA, 8PSK, TN 0-1)**
Group:	GSM
UID:	10026-DAA
PAR: [1]	**9.55 dB**
MIF: [2]	**1.23 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	8PSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slot:s TN0, TN1 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for 8PSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

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

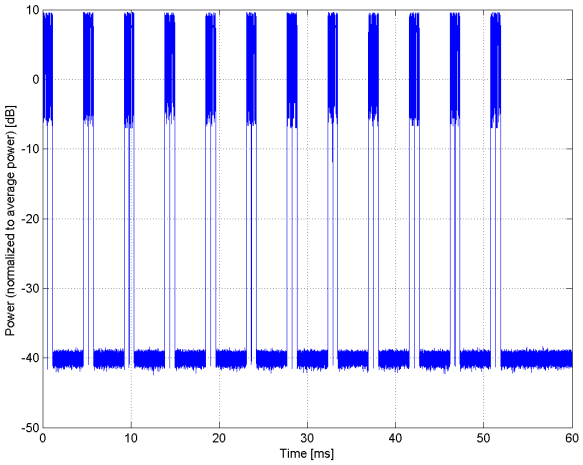
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

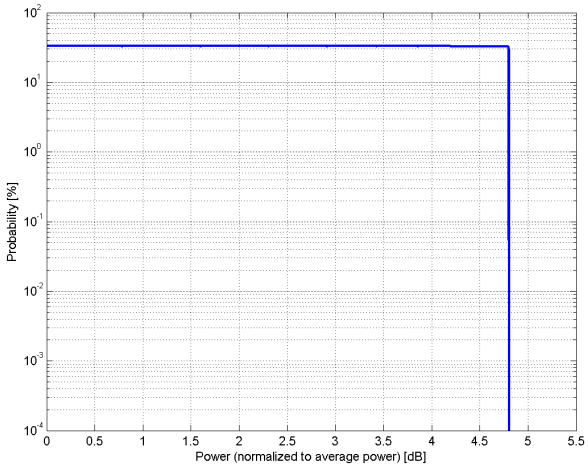
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**GPRS-FDD (TDMA, GMSK, TN 0-1-2)**
Group:	GSM
UID:	10027-DAA
PAR: [1]	**4.80 dB**
MIF: [2]	**-0.67 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	GMSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slots: TN0, TN1, TN2 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for GMSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

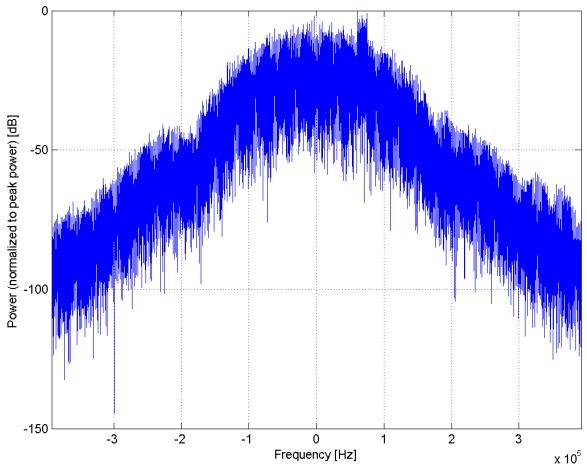
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

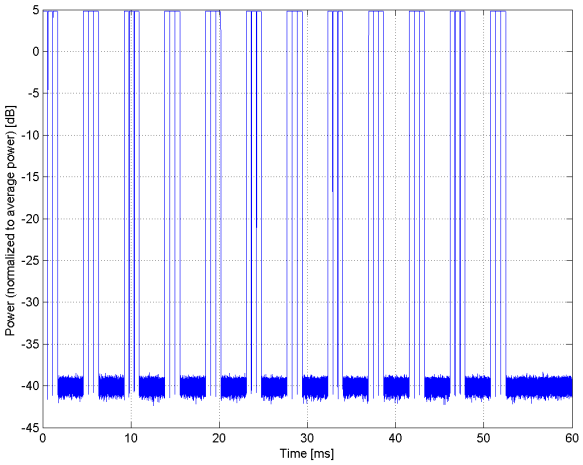
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

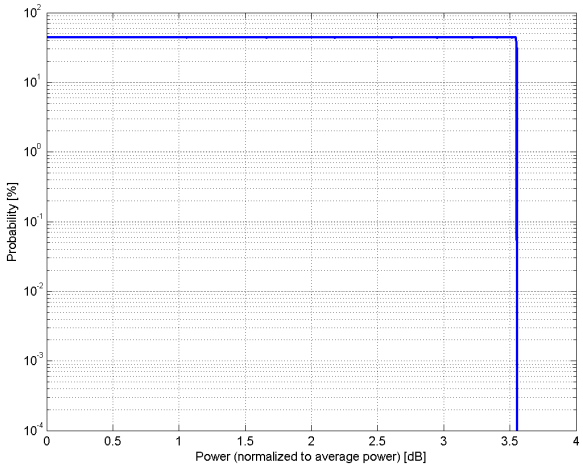
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)**
Group:	GSM
UID:	10028-DAA
PAR: [1]	**3.55 dB**
MIF: [2]	**-2.05 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	GMSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slots: TN0, TN1, TN2, TN3 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for GMSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

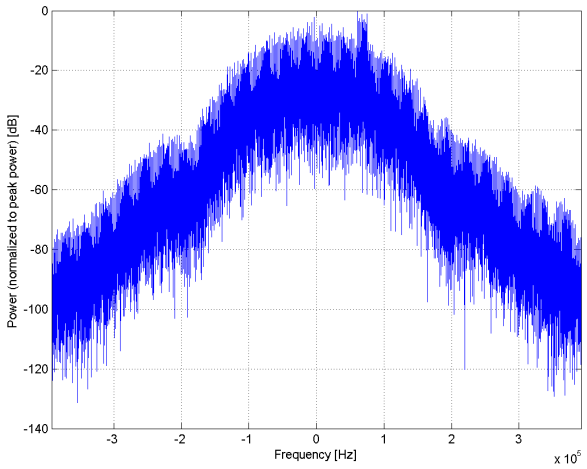
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

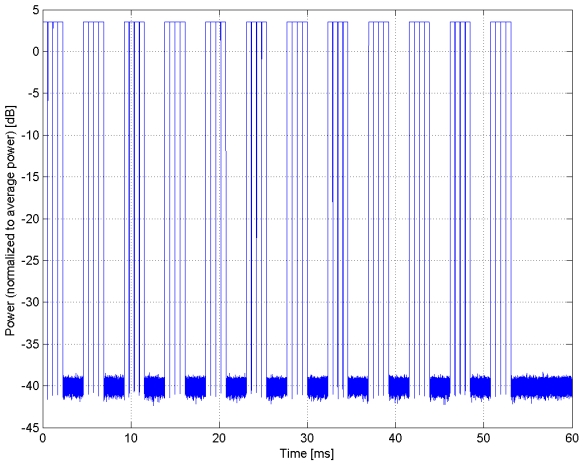
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

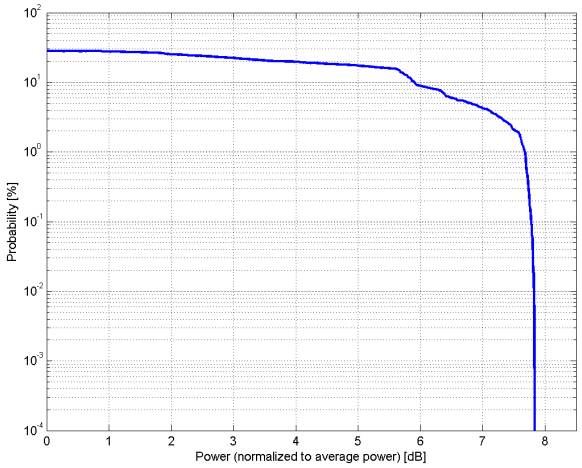
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**EDGE-FDD (TDMA, 8PSK, TN 0-1-2)**
Group:	GSM
UID:	10029-DAA
PAR: [1]	**7.78 dB**
MIF: [2]	**-0.52 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	8PSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slots: TN0, TN1, TN2 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for 8PSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

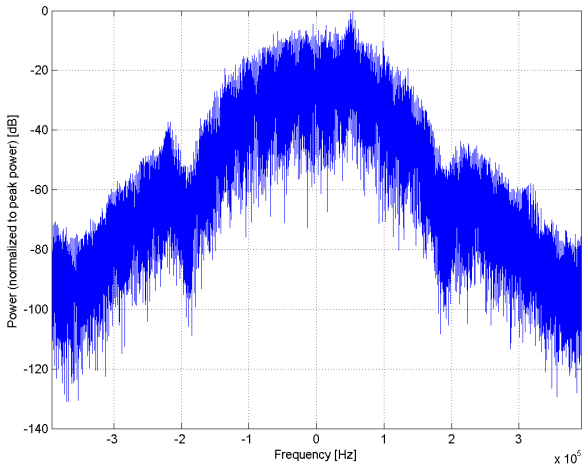
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

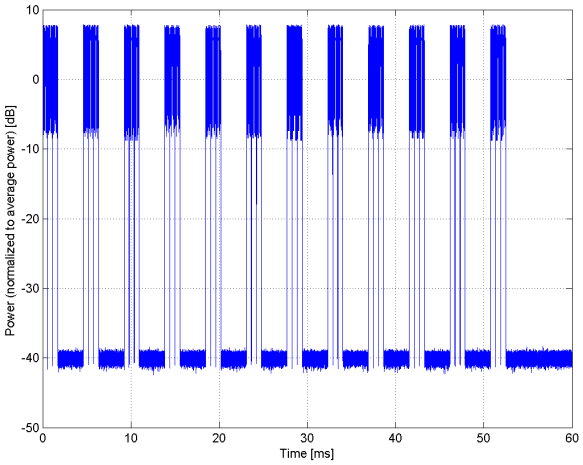
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

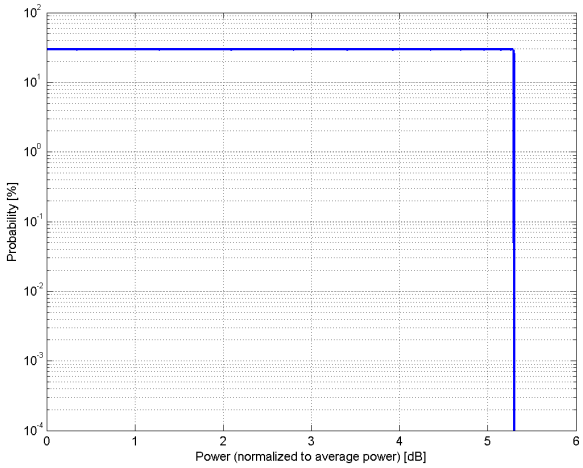
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (GFSK, DH1)**
Group:	Bluetooth
UID:	10030-CAA
PAR: [1]	**5.30 dB**
MIF: [2]	**1.02 dB**
Standard Reference:	Bluetooth 1.2 (IEEE Standard 802.15.1-2005)
Category:	Periodic pulsed modulation
Modulation:	GFSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Basic Rate, 1 Slot active Data Rate: 1 Mbps Packet Type: DH1 Payload Body: 27 Bytes PN9 data is inserted into the payload body Modulation for Payload: GFSK Modulation Index: 0.32
Bandwidth:	1.4 MHz
Integration Time:	2.5 ms

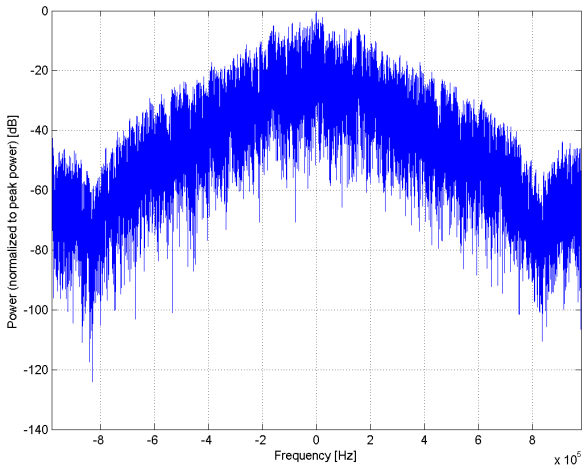
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

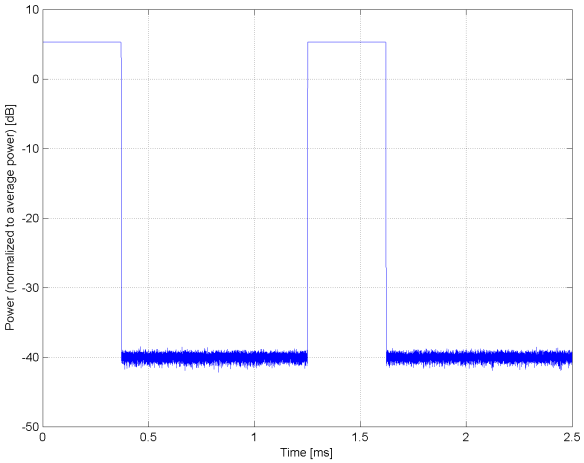
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

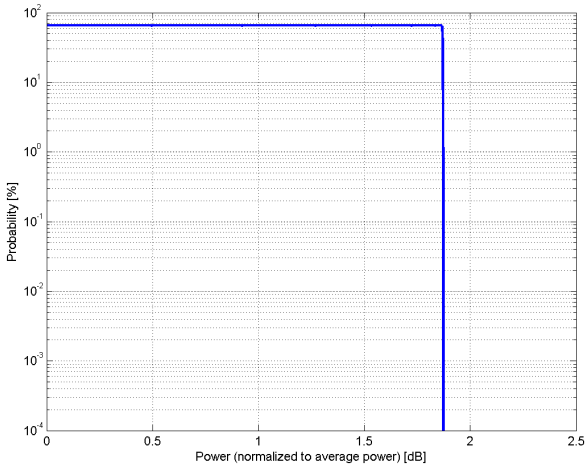
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (GFSK, DH3)**
Group:	Bluetooth
UID:	10031-CAA
PAR: [1]	**1.87 dB**
MIF: [2]	**-2.66 dB**
Standard Reference:	Bluetooth 1.2 (IEEE Standard 802.15.1-2005)
Category:	Periodic pulsed modulation
Modulation:	GFSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Basic Rate, 3 Slot active Data Rate: 1 Mbps Packet Type: DH3 Payload Body: 183 Bytes PN9 data is inserted into the payload body Modulation for Payload: GFSK Modulation Index: 0.32
Bandwidth:	1.4 MHz
Integration Time:	5.0 ms

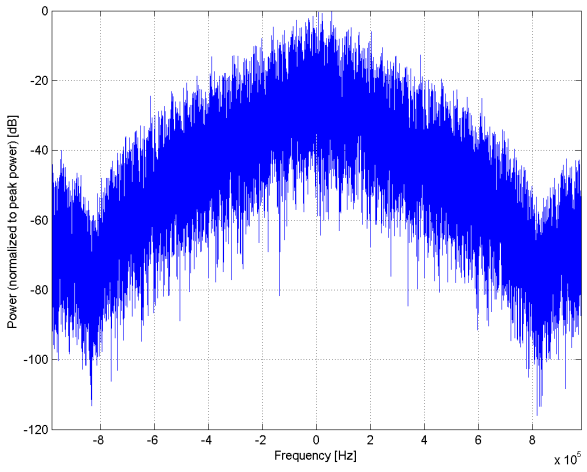
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

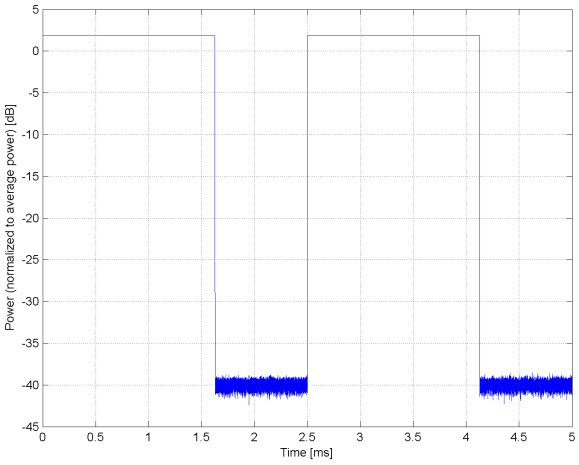
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

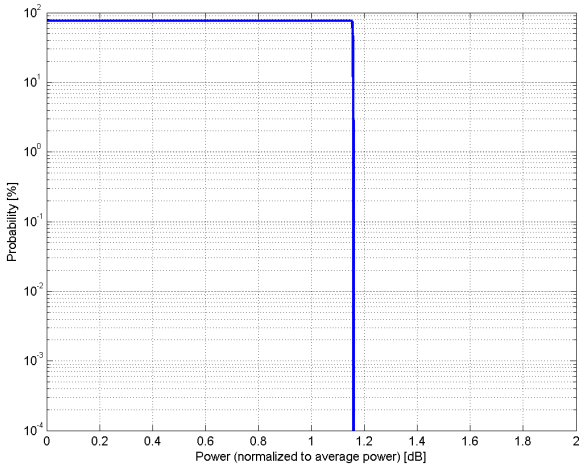
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (GFSK, DH5)**
Group:	Bluetooth
UID:	10032-CAA
PAR: [1]	**1.16 dB**
MIF: [2]	**-3.98 dB**
Standard Reference:	Bluetooth 1.2 (IEEE Standard 802.15.1-2005)
Category:	Periodic pulsed modulation
Modulation:	GFSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Basic Rate, 5 Slot active Data Rate: 1 Mbps Packet Type: DH5 Payload Body: 339 Bytes PN9 data is inserted into the payload body Modulation for Payload: GFSK Modulation Index: 0.32
Bandwidth:	1.4 MHz
Integration Time:	7.5 ms

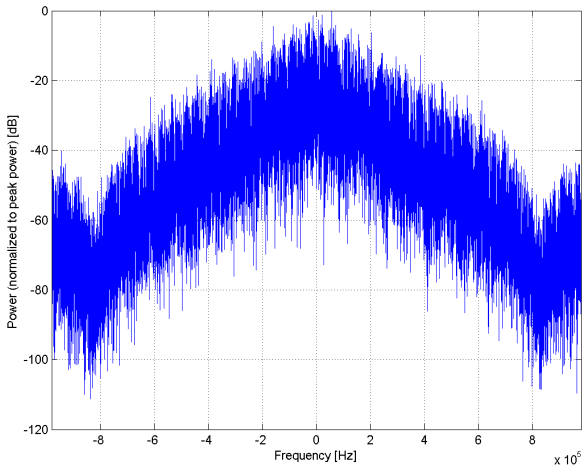
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

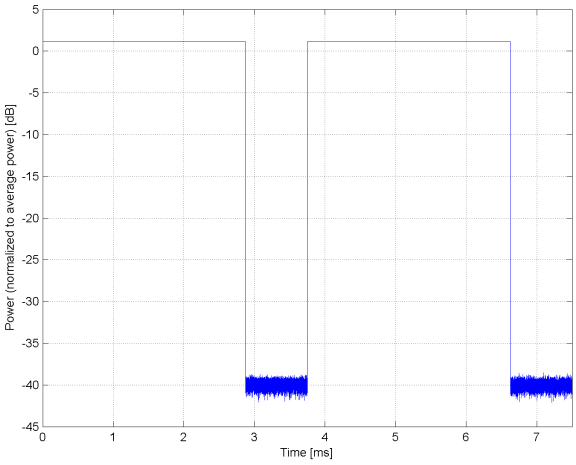
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

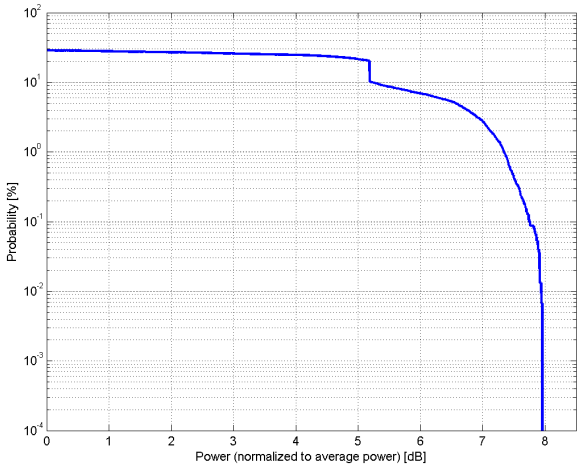
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)**
Group:	Bluetooth
UID:	10033-CAA
PAR: [1]	**7.74 dB**
MIF: [2]	**0.90 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	Pi/4-DQPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 1 Slot active Data Rate: 2 Mbps Packet Type: 2-DH1 Payload Body: 54 Bytes PN9 data is inserted into the payload body Modulation for Payload: Pi/4-DQPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	2.5 ms

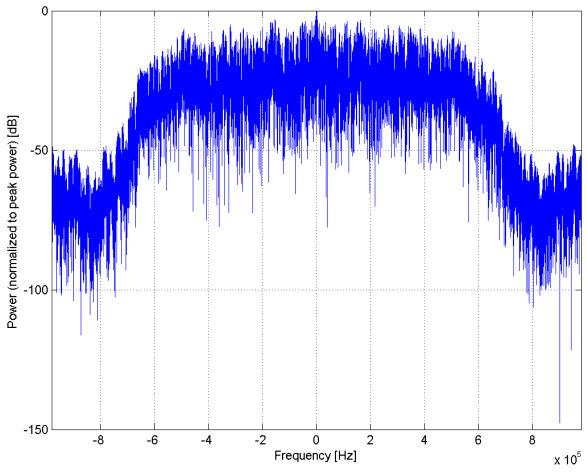
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

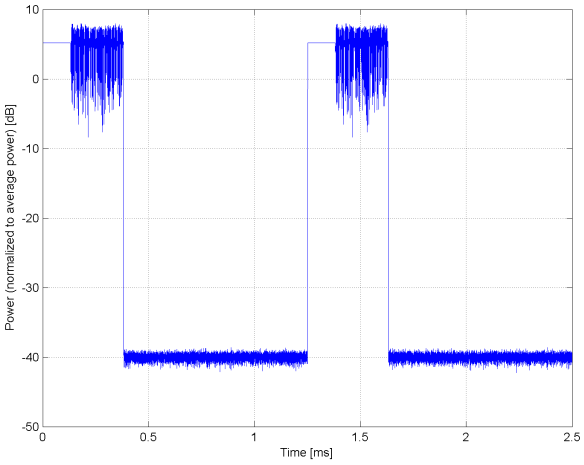
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

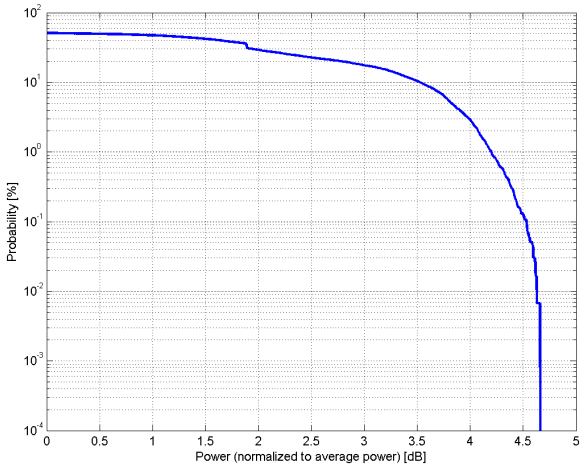
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)**
Group:	Bluetooth
UID:	10034-CAA
PAR: [1]	**4.53 dB**
MIF: [2]	**-2.69 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	Pi/4-DQPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 3 Slot active Data Rate: 2 Mbps Packet Type: 2-DH3 Payload Body: 367 Bytes PN9 data is inserted into the payload body Modulation for Payload: Pi/4-DQPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	5.0 ms

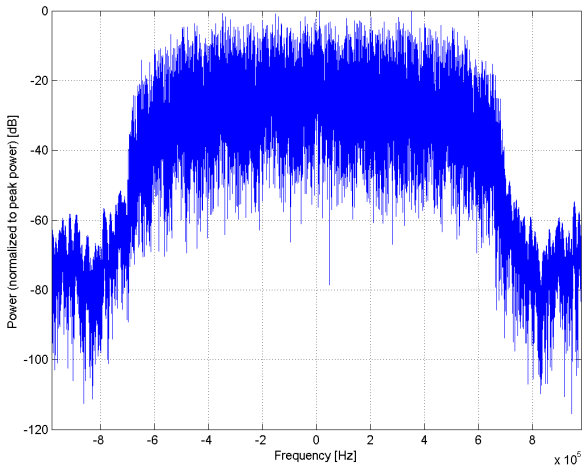
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

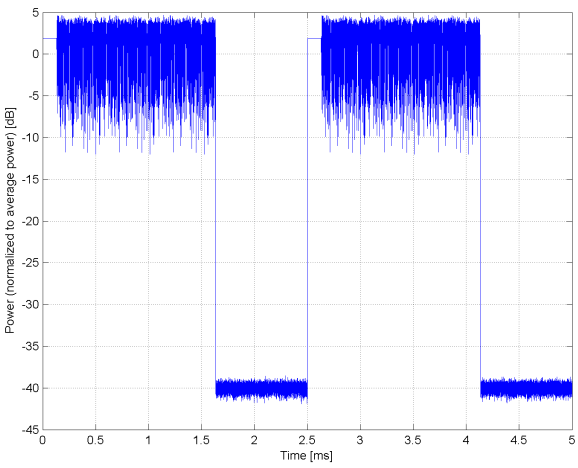
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

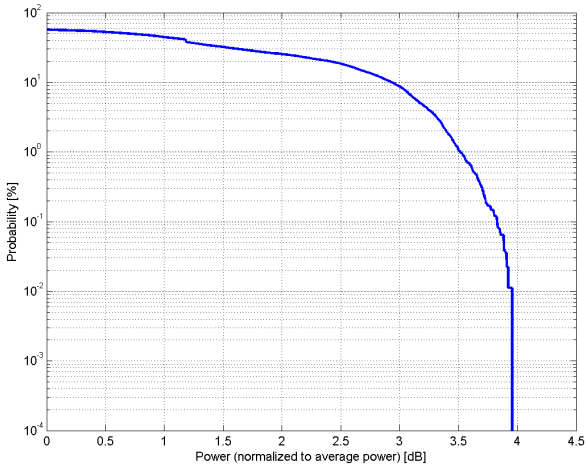
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)**
Group:	Bluetooth
UID:	10035-CAA
PAR: [1]	**3.83 dB**
MIF: [2]	**-3.99 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	Pi/4-DQPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 5 Slot active Data Rate: 2 Mbps Packet Type: 2-DH5 Payload Body: 679 Bytes PN9 data is inserted into the payload body Modulation for Payload: Pi/4-DQPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	7.5 ms

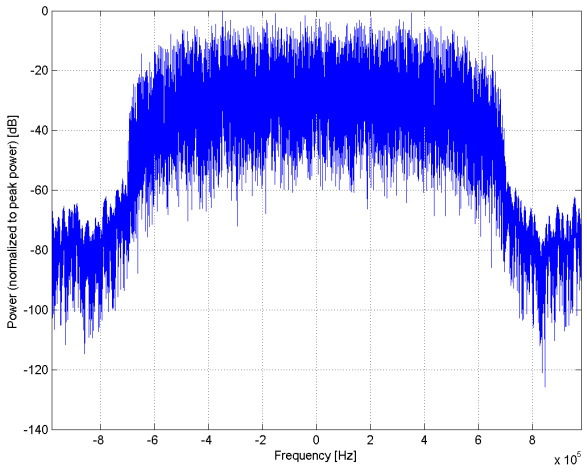
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

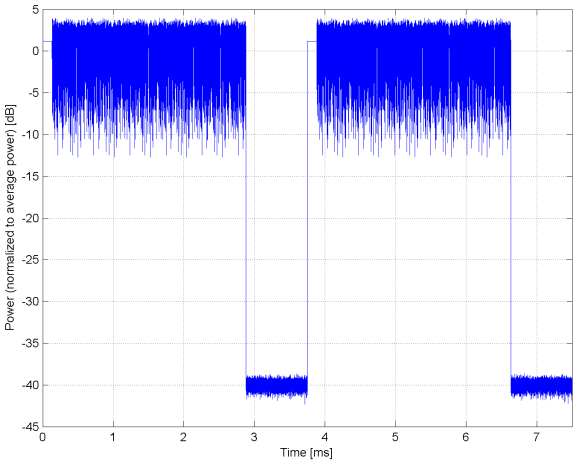
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

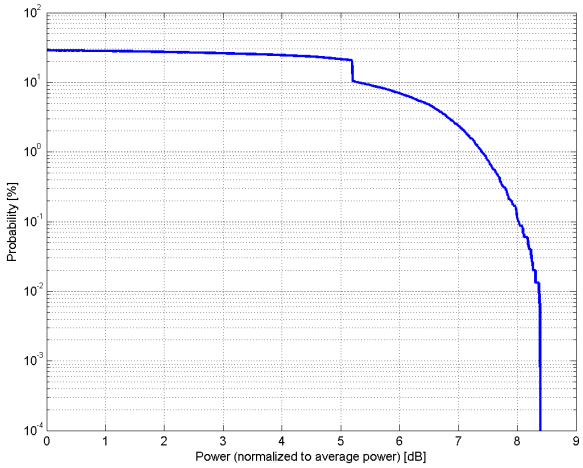
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (8-DPSK, DH1)**
Group:	Bluetooth
UID:	10036-CAA
PAR: [1]	**8.01 dB**
MIF: [2]	**0.89 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	8-DPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 1 Slot active Data Rate: 3 Mbps Packet Type: 3-DH1 Payload Body: 83 Bytes PN9 data is inserted into the payload body Modulation for Payload: 8-DPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	2.5 ms

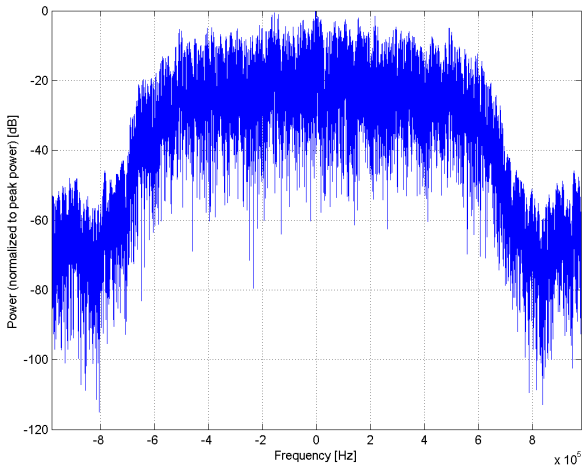
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

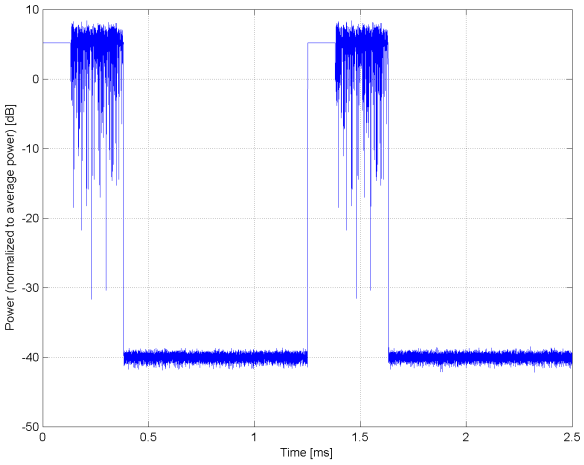
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

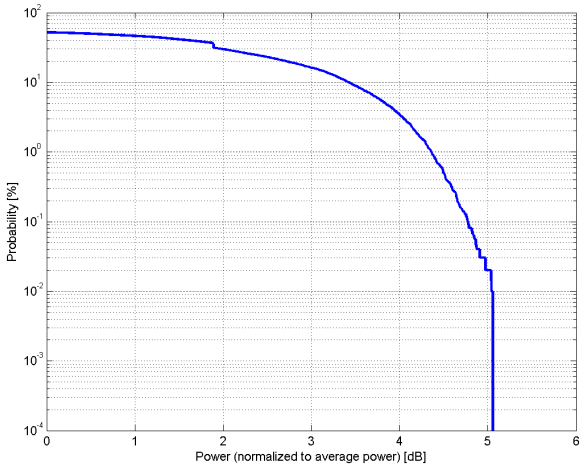
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (8-DPSK, DH3)**
Group:	Bluetooth
UID:	10037-CAA
PAR: [1]	**4.77 dB**
MIF: [2]	**-2.68 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	8-DPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 3 Slot active Data Rate: 3 Mbps Packet Type: 3-DH3 Payload Body: 552 Bytes PN9 data is inserted into the payload body Modulation for Payload: 8-DPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	5.0 ms

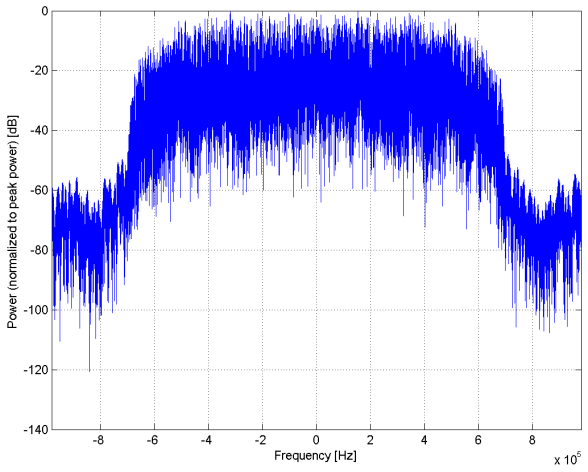
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

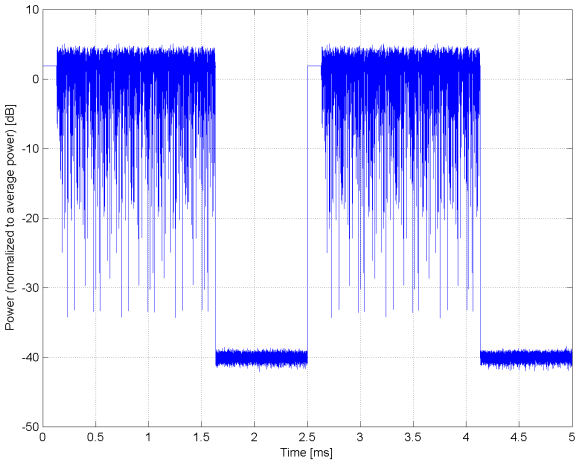
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

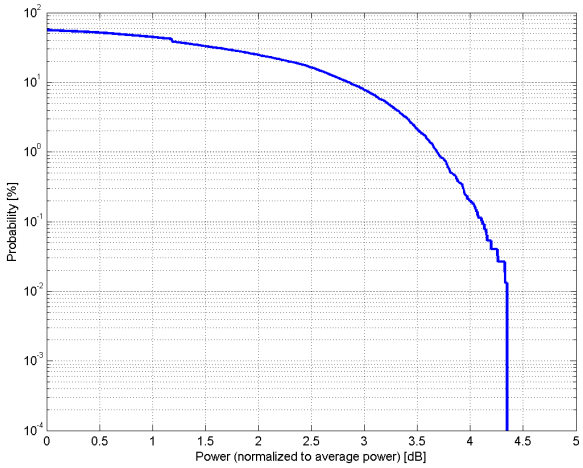
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.15.1 Bluetooth (8-DPSK, DH5)**
Group:	Bluetooth
UID:	10038-CAA
PAR: [1]	**4.10 dB**
MIF: [2]	**-3.99 dB**
Standard Reference:	Bluetooth 2.0 + EDR (Bluetooth SIG)
Category:	Periodic pulsed modulation
Modulation:	8-DPSK
Frequency Band:	ISM 2.4 GHz Band (2400.0-2483.5 MHz, 20052)
Detailed Specification:	Enhanced Data Rate, 5 Slot active Data Rate: 3 Mbps Packet Type: 3-DH5 Payload Body: 1021 Bytes PN9 data is inserted into the payload body Modulation for Payload: 8-DPSK Filter: Root Nyquist (Roll-off Rate = 0.4)
Bandwidth:	1.4 MHz
Integration Time:	7.5 ms

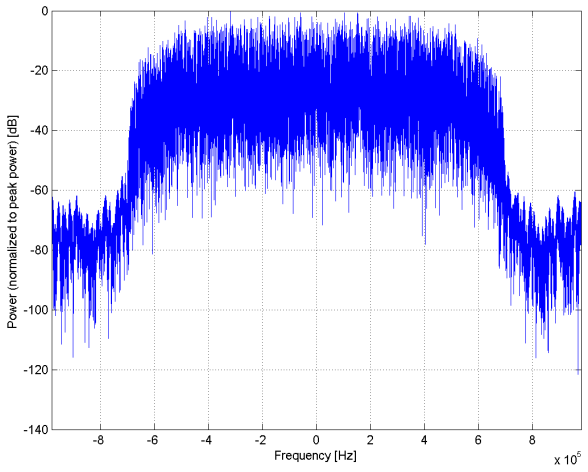
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

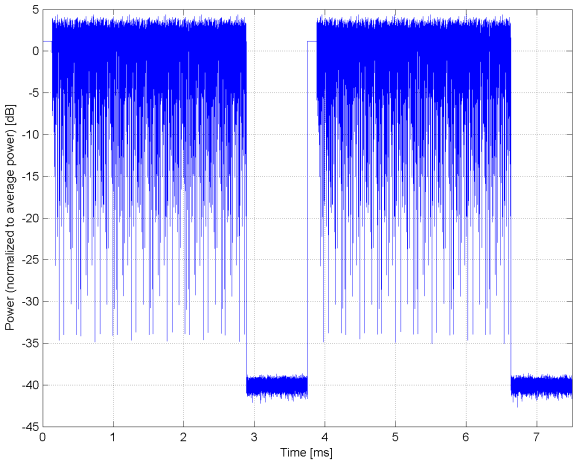
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

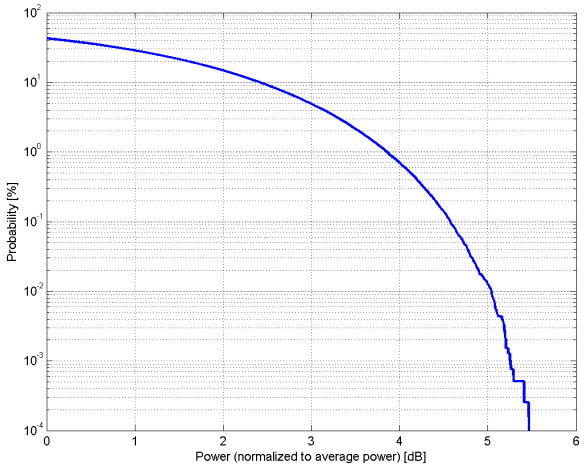
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**CDMA2000 (1xRTT, RC1)**
Group:	CDMA2000
UID:	10039-CAA
PAR: [1]	**4.57 dB**
MIF: [2]	**-19.77 dB**
Standard Reference:	3GPP2 C.S0002-C-1, Chapter 2.1.3.9.2.3
	FCC OET KDB 941225 D01 SAR test for 3G devices (v02)
Category:	Random amplitude modulation
Modulation:	64-ary orthogonal
Frequency Band:	Band Class 0 (824.0-849.0 MHz, 20039)
	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)
Detailed Specification:	Radio Configurations 1 (RC1)
	Output Slot: FCH 9.6 kpbs (PN9fix)
Bandwidth:	1.2 MHz
Integration Time:	80.0 ms

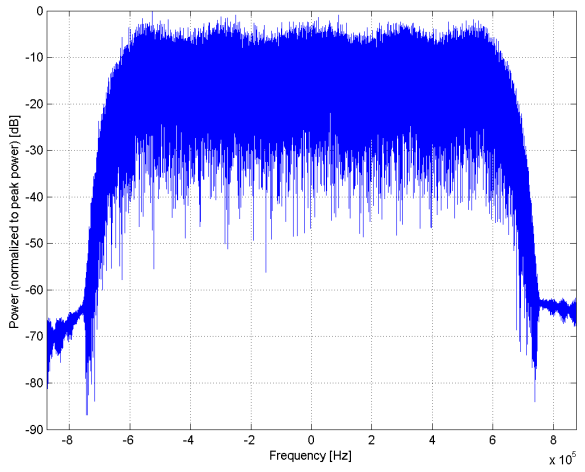
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

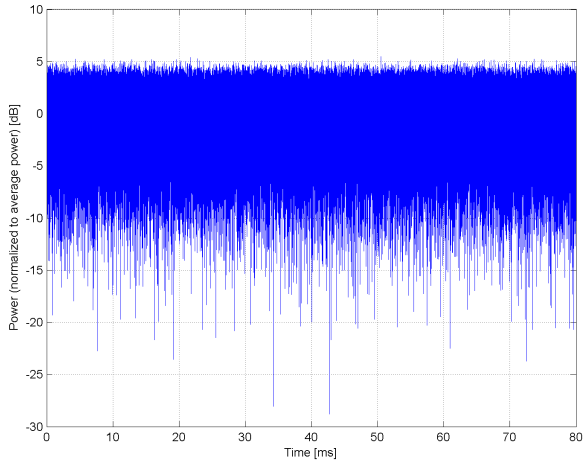
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



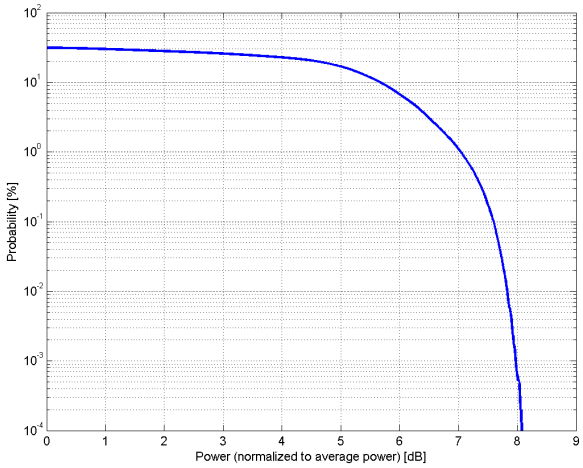
Time Domain

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

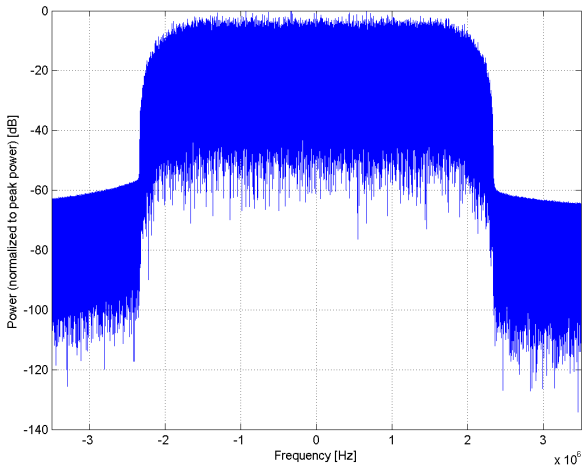
Name:	**iDEN 2:6**
Group:	iDEN
UID:	10041-CAB
PAR: [1]	**7.59 dB**
MIF: [2]	**-3.43 dB**
Standard Reference:	-
Category:	Periodic pulsed modulation
Modulation:	8PSK
Frequency Band:	PMR 800 (806.0-825.0 MHz, 20071) PMR 900 (896.0-901.0 MHz, 20072) PMR 1450 (1453.0-1465.0 MHz, 20073)
Detailed Specification:	8PSK Signal with RF Gating set to 30.3 % Duty Cycle, Modulation Frequency: 22 Hz
Bandwidth:	5.0 MHz
Integration Time:	45.5 ms

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

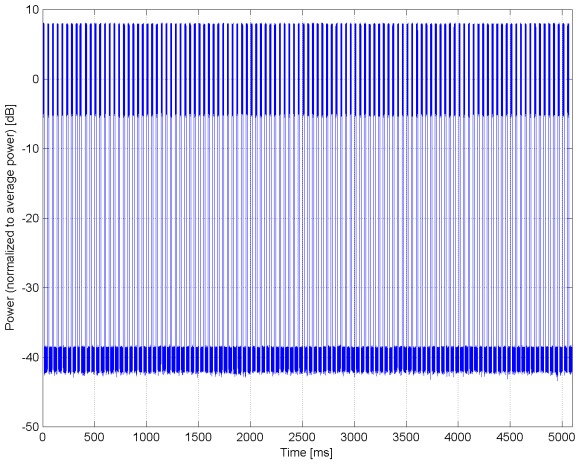
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

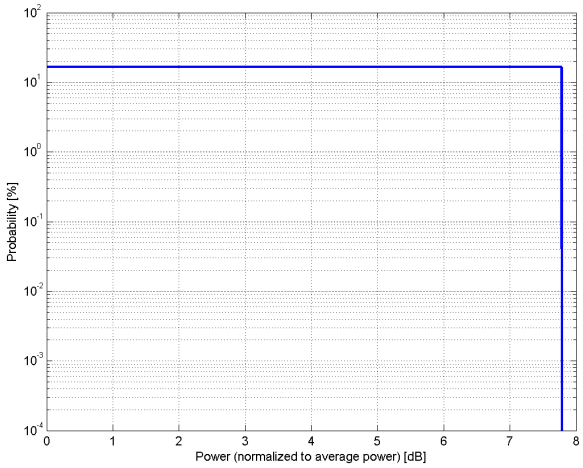
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)**
Group:	AMPS
UID:	10042-CAA
PAR: [1]	**7.78 dB**
MIF: [2]	**0.86 dB**
Standard Reference:	TIA/EIA-136-110-B
Category:	Periodic pulsed modulation
Modulation:	Pi/4-DQPSK
Frequency Band:	Band Class 0 (824.0-849.0 MHz, 20039) Band Class 1 (1850.0-1910.0 MHz, 20040) Band Class 6 (1920.0-1980.0 MHz, 20045) Band Class 7 (776.0-794.0 MHz, 20046) Band a2, UTRA/TDD (2010.0-2025.0 MHz, 20056) Band f, UTRA/TDD (1880.0-1920.0 MHz, 20062)
Detailed Specification:	D-AMPS Multiple Access Method: TDMA/FDM Channel Spacing/Bandwidth: 30 kHz / 200 kHz Channel Bit Rate: 48.6 kbit/s Spectrum Efficiency: 1.62 bit/s/Hz Active Channels: 1 of 6 (Halfrate Channels)
Bandwidth:	0.0 MHz
Integration Time:	20.0 ms

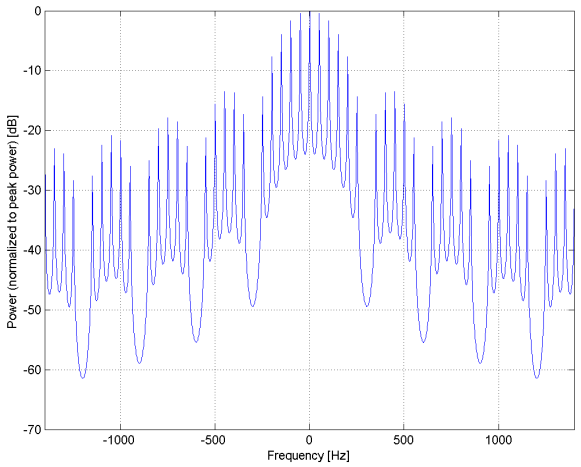
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

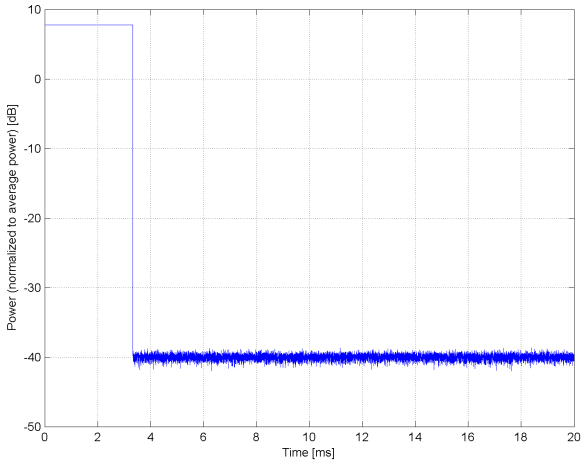
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

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

Name:	**IS-91/EIA/TIA-553 FDD (FDMA, FM)**
Group:	AMPS
UID:	10044-CAA
PAR: [1]	**0.00 dB**
MIF: [2]	**-99.00 dB**
Standard Reference:	TIA/EIA/IS-91
Category:	Continous Waveform
Modulation:	FM
Frequency Band:	Band Class 0 (824.0 - 849.0 MHz, 20039)
Detailed Specification:	Continous Waveform
Bandwidth:	0.0 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)"'

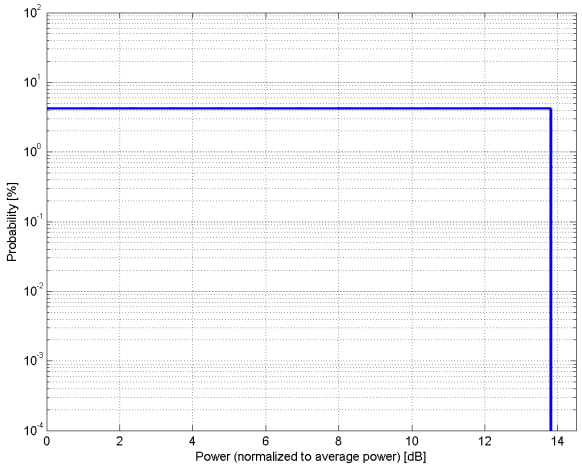
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).

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

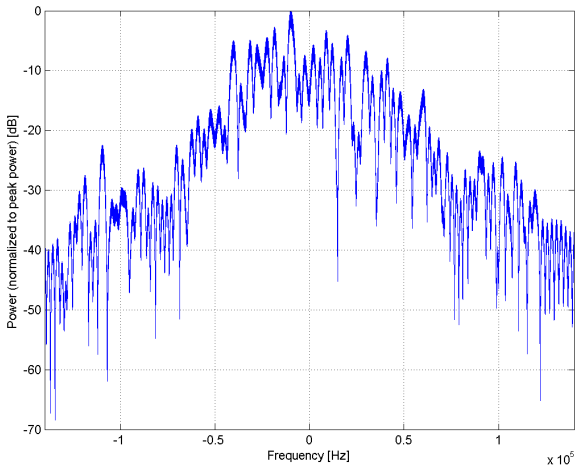
Name:	**DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)**
Group:	DECT
UID:	10048-CAA
PAR: [1]	**13.80 dB**
MIF: [2]	**7.03 dB**
Standard Reference:	ETSI EN 300 175-3
Category:	Periodic pulsed modulation
Modulation:	GFSK
Frequency Band:	Band 00001 (1880.0-2025.0 MHz, 20170) Band 00010 (1899.1-2023.5 MHz, 20171) Band 00011 (1916.4-2023.5 MHz, 20172) Band 00100 (1937.1-2023.5 MHz, 20173) Band 00100 (1937.1-2023.5 MHz, 20173) Band 00101 (1957.8-1978.6 MHz, 20174) Band 01000 (902.0-928.0 MHz, 20175) Band 01001 (2400.0-2483.0 MHz, 20176)
Detailed Specification:	No. of active slot per frame: 1 GFSK Modulation Data Type: Bernoulli Random Sequence Bitduration Product BT=0.5
Bandwidth:	0.2 MHz
Integration Time:	10.0 ms

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

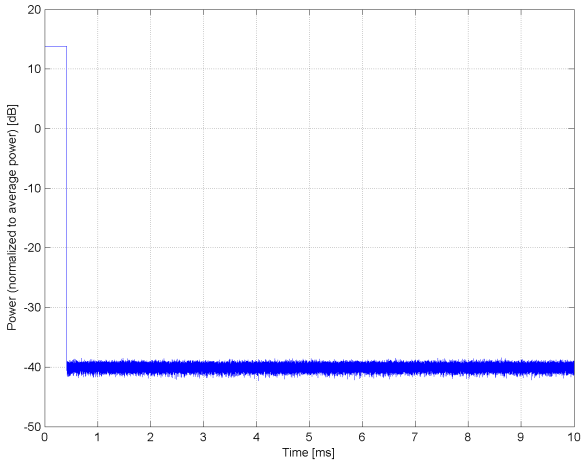
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

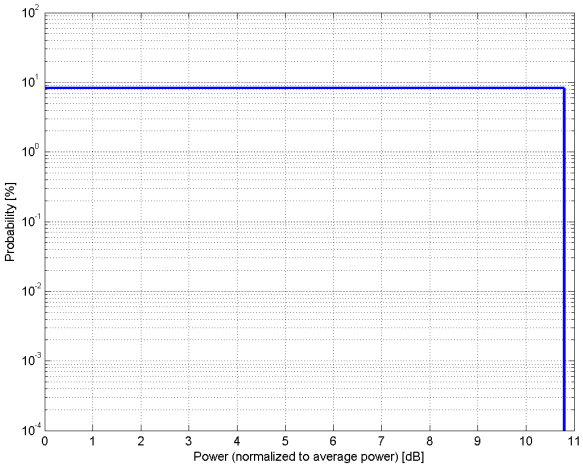
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)**
Group:	DECT
UID:	10049-CAA
PAR: [1]	**10.79 dB**
MIF: [2]	**4.66 dB**
Standard Reference:	ETSI EN 300 175-3
Category:	Periodic pulsed modulation
Modulation:	GFSK
Frequency Band:	Band 00001 (1880.0-2025.0 MHz, 20170) Band 00010 (1899.1-2023.5 MHz, 20171) Band 00011 (1916.4-2023.5 MHz, 20172) Band 00100 (1937.1-2023.5 MHz, 20173) Band 00100 (1937.1-2023.5 MHz, 20173) Band 00101 (1957.8-1978.6 MHz, 20174) Band 01000 (902.0-928.0 MHz, 20175) Band 01001 (2400.0-2483.0 MHz, 20176)
Detailed Specification:	No. of active slot per frame: 2 GFSK Modulation Data Type: Bernoulli Random Sequence Bitduration Product BT=0.5
Bandwidth:	0.2 MHz
Integration Time:	10.0 ms

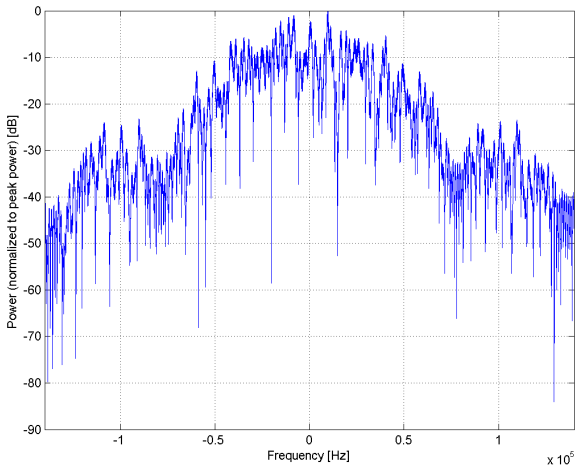
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

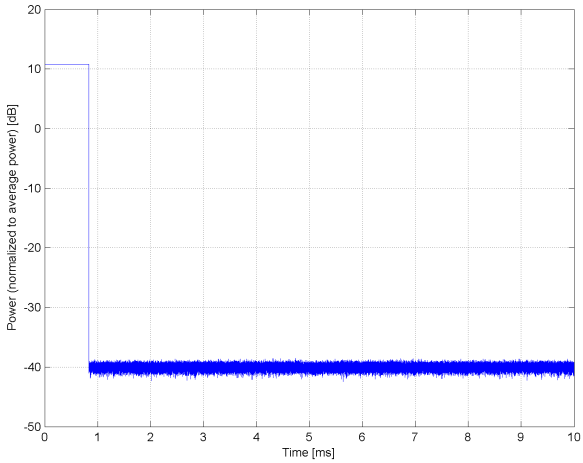
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



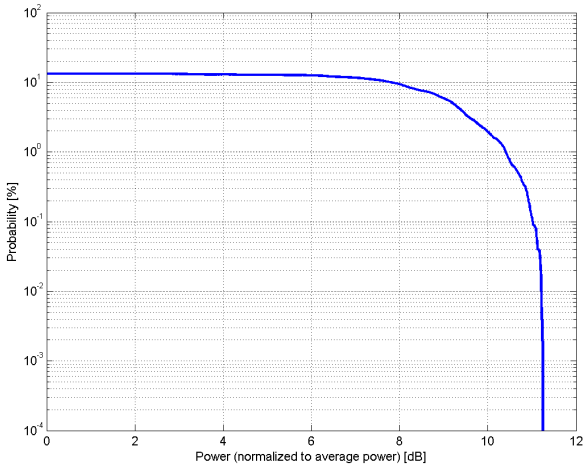
Time Domain

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

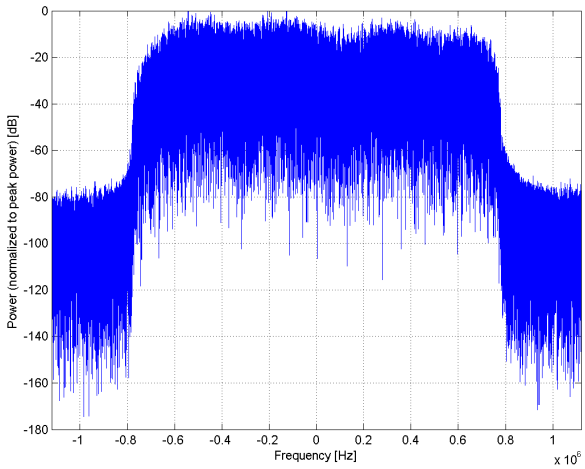
Name:	**UMTS-TDD (TD-SCDMA, 1.28 Mcps)**
Group:	TD-SCDMA
UID:	10056-CAA
PAR: [1]	**11.01 dB**
MIF: [2]	**3.10 dB**
Standard Reference:	3GPP TS 25.102, Appendix A.2.1.2
Category:	Periodic pulsed modulation
Modulation:	QPSK
Frequency Band:	Band a1, UTRA/TDD (1900.0-1920.0 MHz, 20055) Band a2, UTRA/TDD (2010.0-2025.0 MHz, 20056) Band b1, UTRA/TDD (1850.0-1910.0 MHz, 20057) Band b2, UTRA/TDD (1930.0-1990.0 MHz, 20058) Band c, UTRA/TDD (1910.0-1930.0 MHz, 20059) Band d, UTRA/TDD (2570.0-2620.0 MHz, 20060) Band e, UTRA/TDD (2300.0-2400.0 MHz, 20061) Band f, UTRA/TDD (1880.0-1920.0 MHz, 20062)
Detailed Specification:	Chiprate: 1.28 Mcps Information Data Rate: 12.2 kbps Spread Factor: 8
Bandwidth:	1.6 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)"'

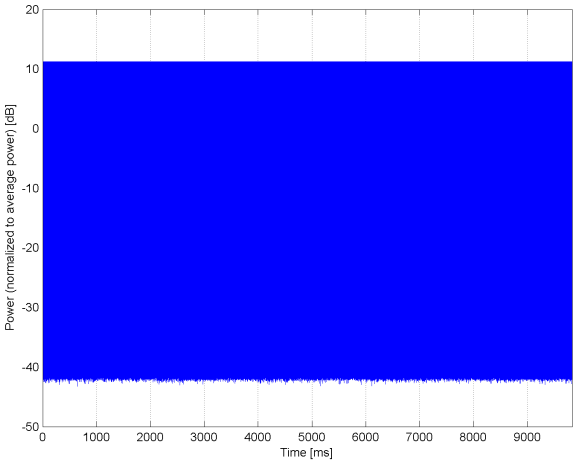
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

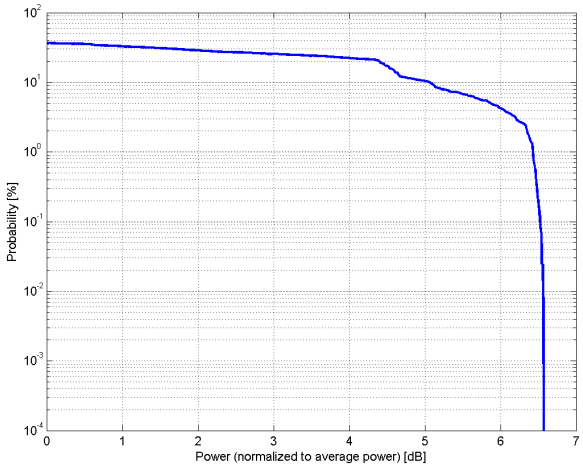
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)**
Group:	GSM
UID:	10058-DAA
PAR: [1]	**6.52 dB**
MIF: [2]	**-1.82 dB**
Standard Reference:	ETSI TS 100 909 V8.9.0 (2005-01) FCC OET KDB 941225, D03 and D04
Category:	Periodic pulsed modulation
Modulation:	8PSK
Frequency Band:	GSM 450 (450.4-457.6 MHz, 20016) GSM 480 (478.8-486.0 MHz, 20017) GSM 710 (698.0-716.0 MHz, 20018) GSM 750 (747.0-763.0 MHz, 20019) GSM 850 (824.0-849.0 MHz, 20021) P-GSM 900 (890.0-915.0 MHz, 20022) E-GSM 900 (880.0-915.0 MHz, 20023) R-GSM 900 (876.0-915.0 MHz, 20024) DCS 1800 (1710.0-1785.0 MHz, 20026) PCS 1900 (1850.0-1910.0 MHz, 20027)
Detailed Specification:	Active Slots: TN0, TN1, TN2, TN3 Data: PN9 continuous Frame: composed out of 8 Slots Multiframe: 13th (PTCCH) and 26th (IDLE) Frame set blank Slottype & -timing: Normal burst for 8PSK
Bandwidth:	0.4 MHz
Integration Time:	60.0 ms

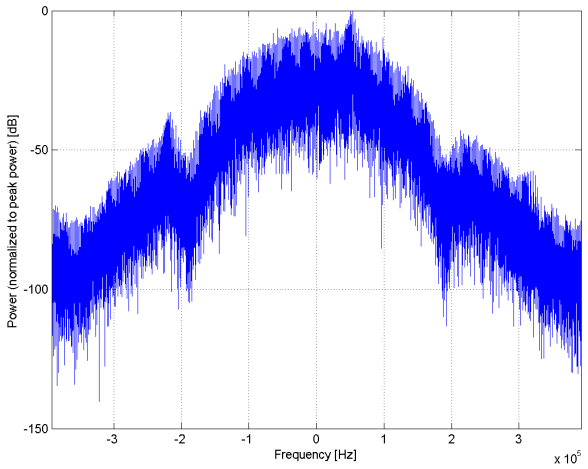
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

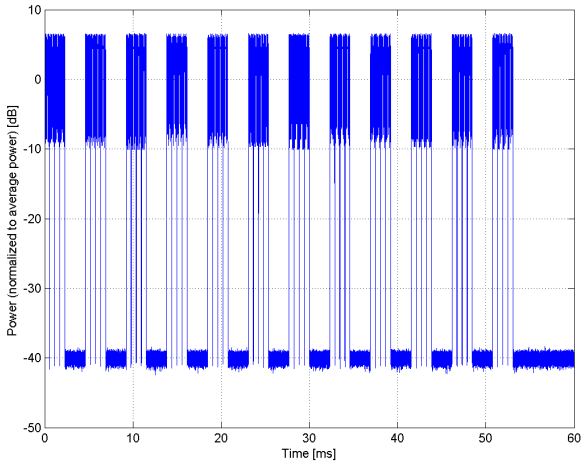
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

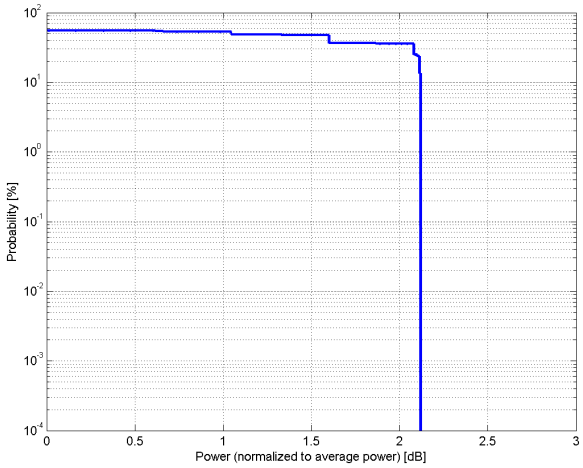
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)**
Group:	WLAN
UID:	10059-CAA
PAR: [1]	**2.12 dB**
MIF: [2]	**-5.17 dB**
Standard Reference:	IEEE 802.11b-1999 , Part 11, FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	DQPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 2 Mbps Spreading, Coding: DSSS, 11 Chip Barker PPDU format: Long Preamble & Heading PSDU Length: 1024 PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	4.9 ms

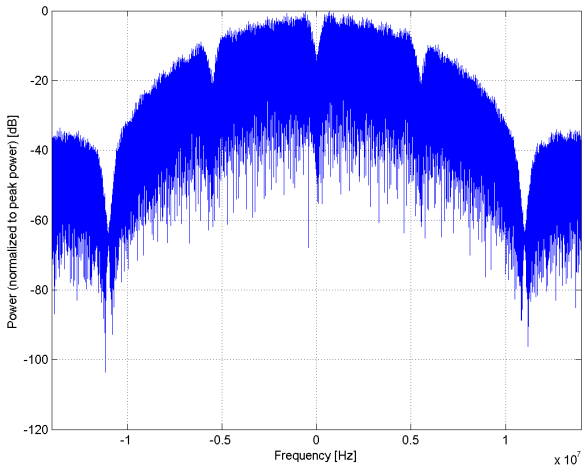
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

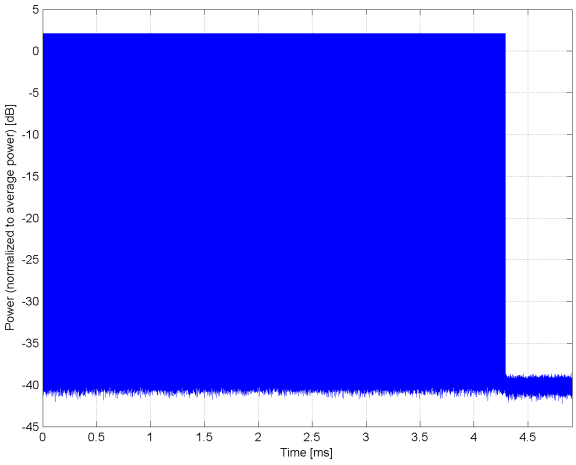
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

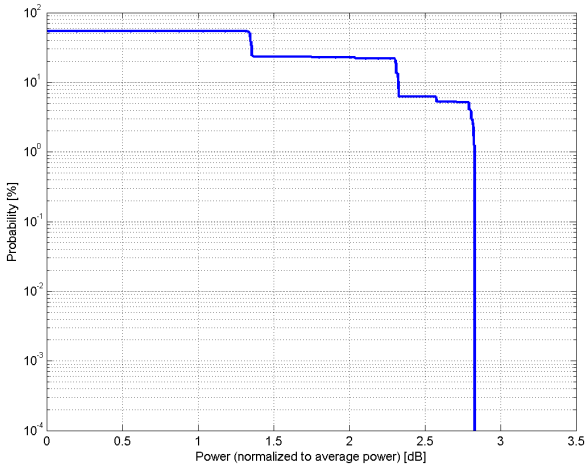
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)**
Group:	WLAN
UID:	10060-CAA
PAR: [1]	**2.83 dB**
MIF: [2]	**-3.37 dB**
Standard Reference:	IEEE 802.11b-1999 , Part 11, FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	DQPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 5.5 Mbps Spreading, Coding: CCK PPDU format: Long Preamble & Heading PSDU Length: 1024 PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	2.3 ms

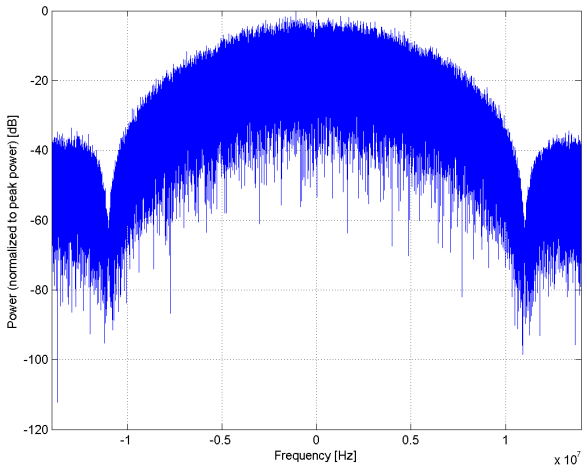
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

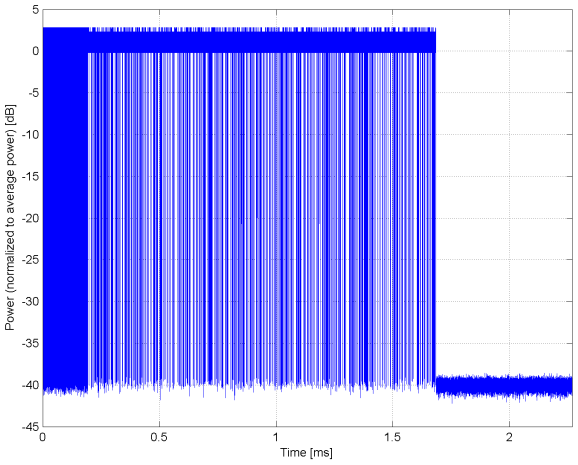
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

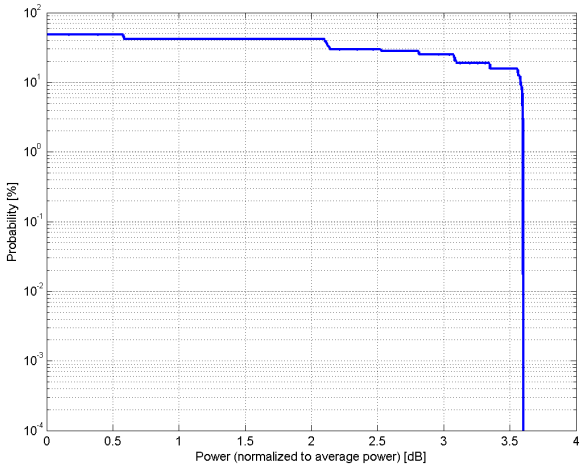
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)**
Group:	WLAN
UID:	10061-CAA
PAR: [1]	**3.60 dB**
MIF: [2]	**-2.02 dB**
Standard Reference:	IEEE 802.11b-1999 , Part 11, FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	DQPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 11 Mbps Spreading, Coding: CCK PPDU format: Long Preamble & Heading PSDU Length: 1024 PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.5 ms

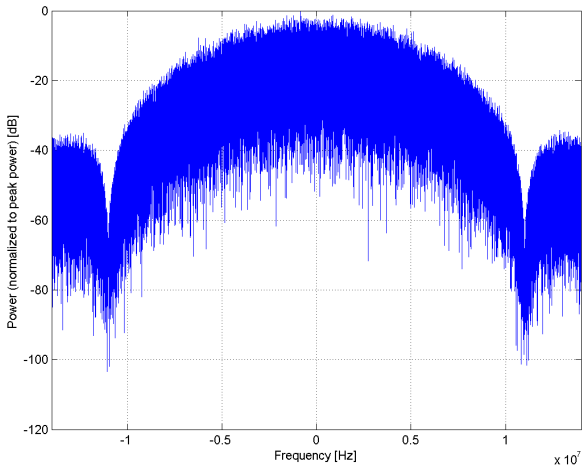
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

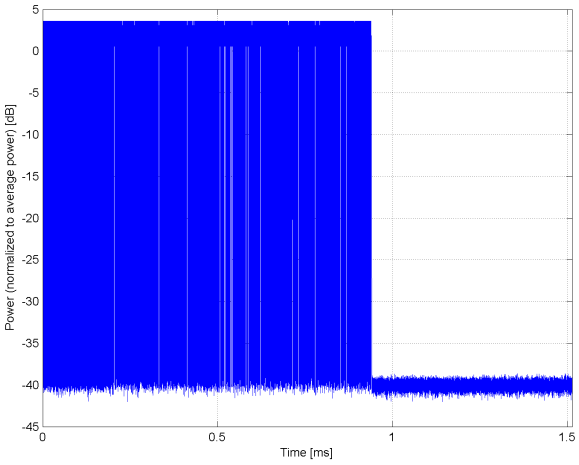
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



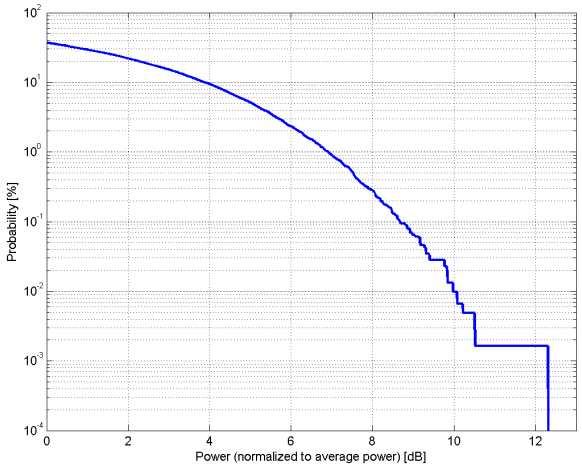
Time Domain

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

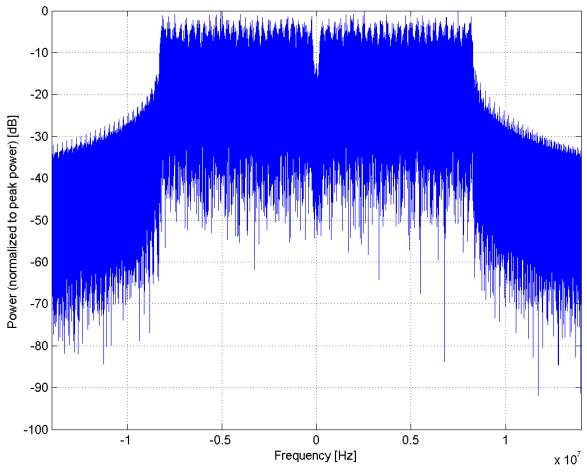
Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)**
Group:	WLAN
UID:	10062-CAA
PAR: [1]	**8.68 dB**
MIF: [2]	**-5.82 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	BPSK
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 6 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 1 Coded bits per OFDM symbol: 48 Data bits per OFDM symbol: 24 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.5 ms

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

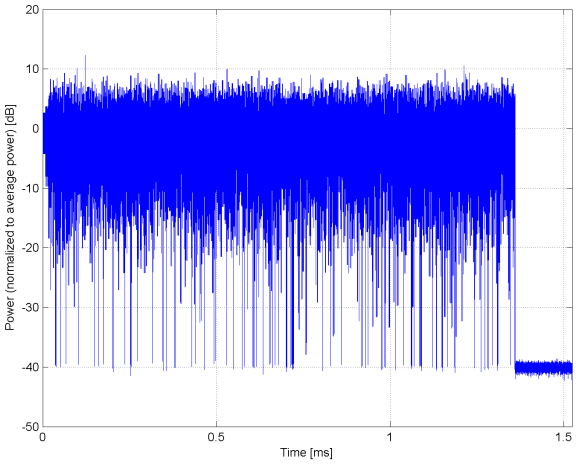
[2] Modulation Interference Factor (MIF) value valid only in conjunction with advanced probe response linearization calibration for the same communication system (same UID and version).



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

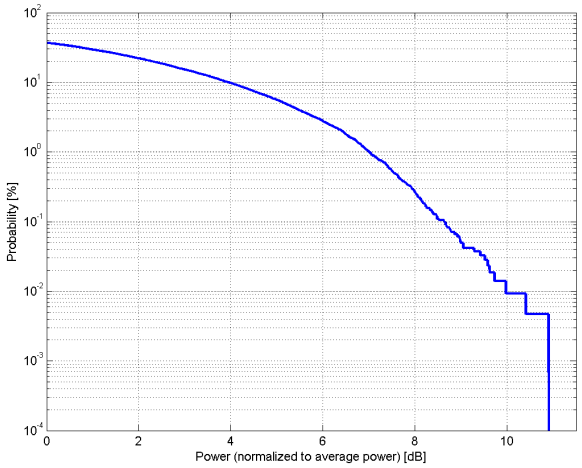
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)**
Group:	WLAN
UID:	10063-CAA
PAR: [1]	**8.63 dB**
MIF: [2]	**-5.14 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	BPSK
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 9 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 1 Coded bits per OFDM symbol: 48 Data bits per OFDM symbol: 36 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.1 ms

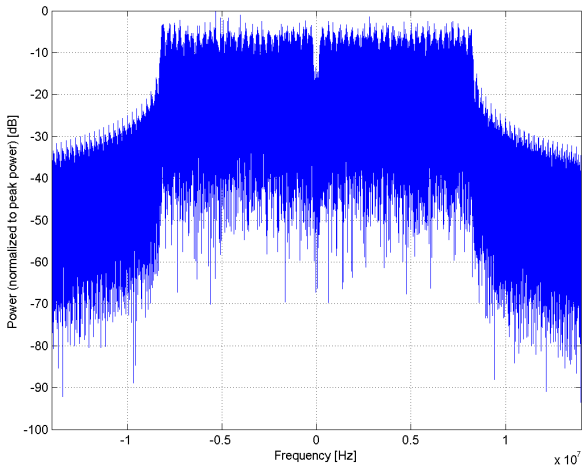
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

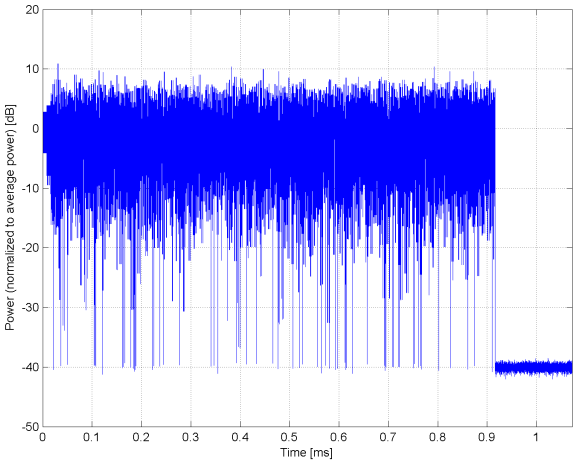
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

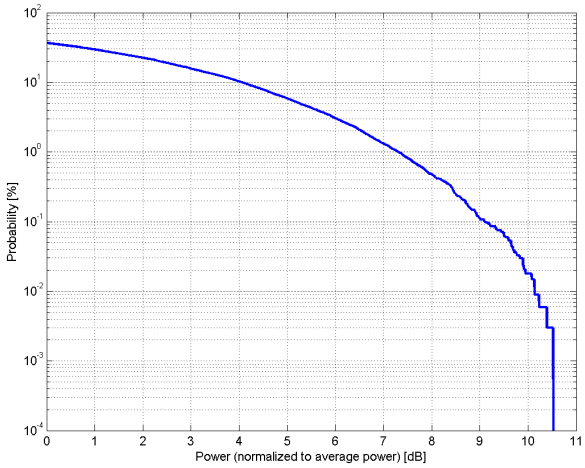
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)**
Group:	WLAN
UID:	10064-CAA
PAR: [1]	**9.09 dB**
MIF: [2]	**-4.67 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 12 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 2 Coded bits per OFDM symbol: 96 Data bits per OFDM symbol: 48 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.8 ms

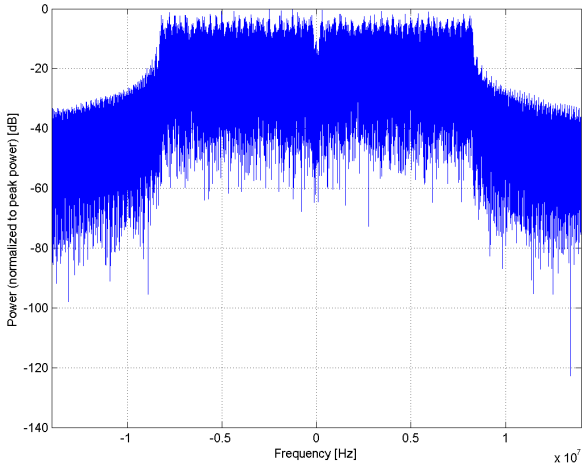
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

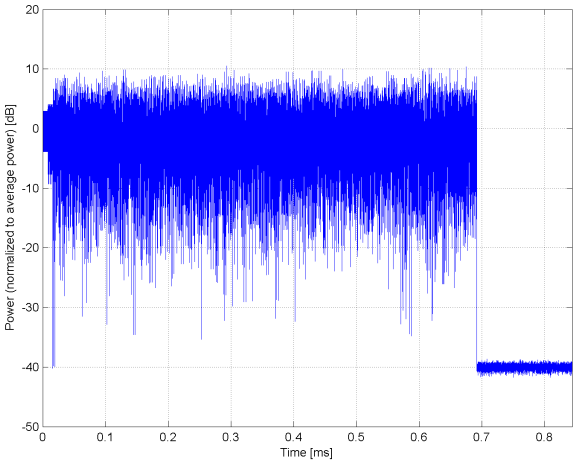
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

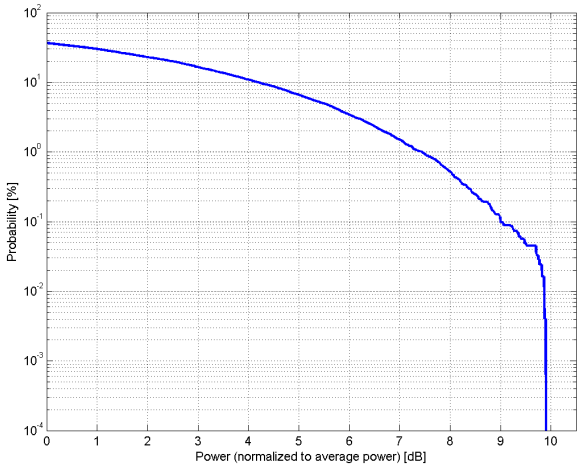
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)**
Group:	WLAN
UID:	10065-CAA
PAR: [1]	**9.00 dB**
MIF: [2]	**-4.00 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 18 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 2 Coded bits per OFDM symbol: 96 Data bits per OFDM symbol: 72 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.6 ms

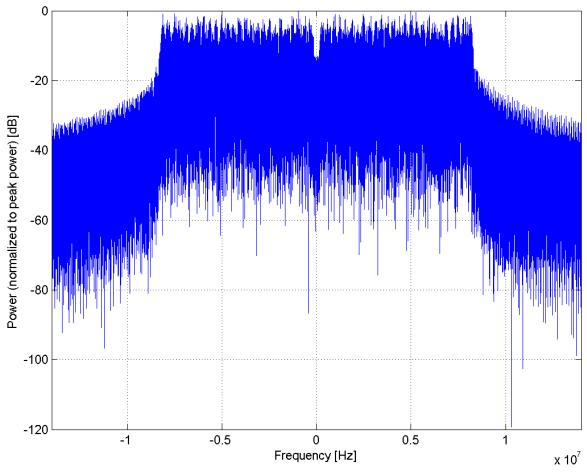
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

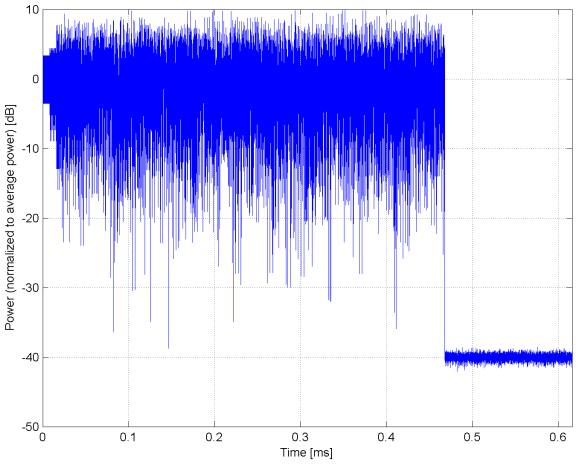
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

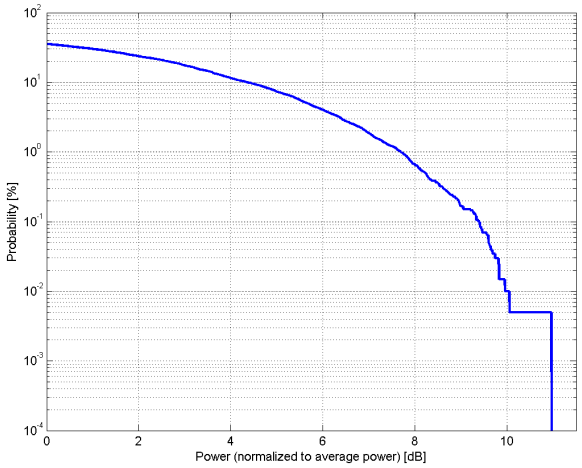
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)**
Group:	WLAN
UID:	10066-CAA
PAR: [1]	**9.38 dB**
MIF: [2]	**-3.55 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	16-QAM
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 24 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 4 Coded bits per OFDM symbol: 192 Data bits per OFDM symbol: 96 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.5 ms

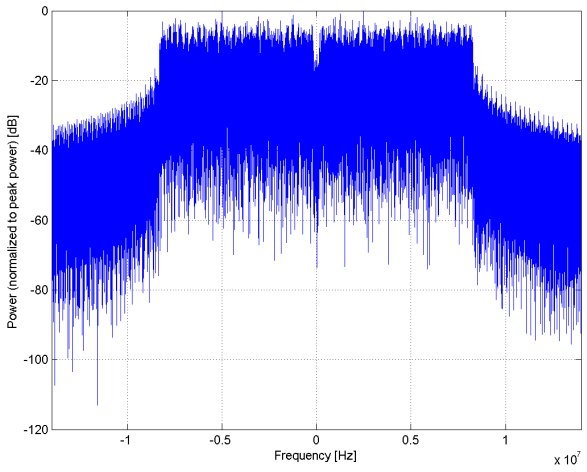
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

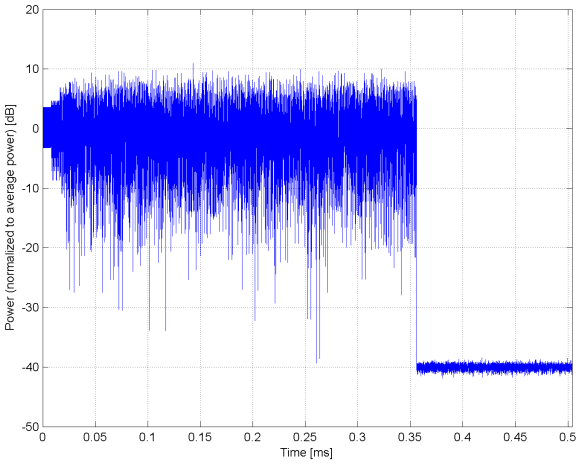
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

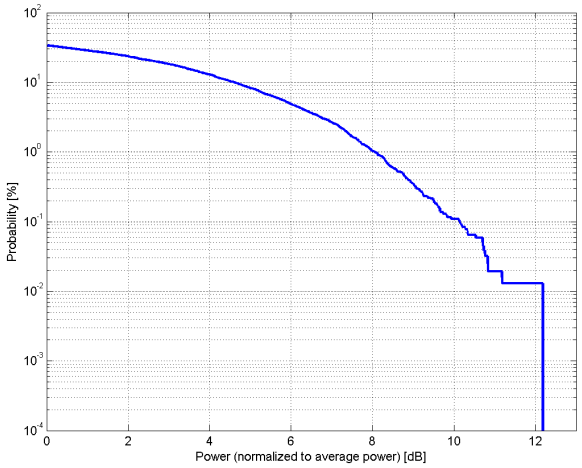
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)**
Group:	WLAN
UID:	10067-CAA
PAR: [1]	**10.12 dB**
MIF: [2]	**-3.20 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	16-QAM
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 36 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 4 Coded bits per OFDM symbol: 192 Data bits per OFDM symbol: 144 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.4 ms

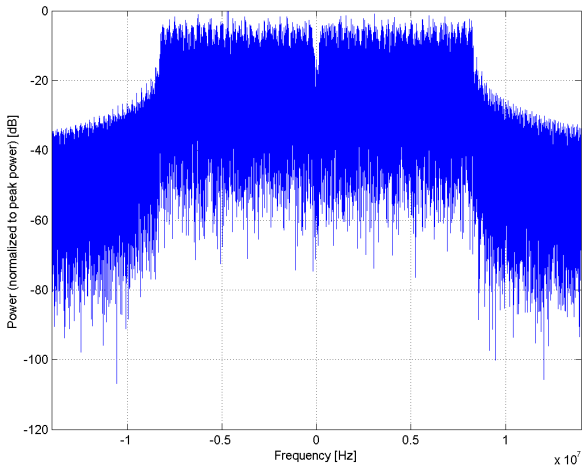
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

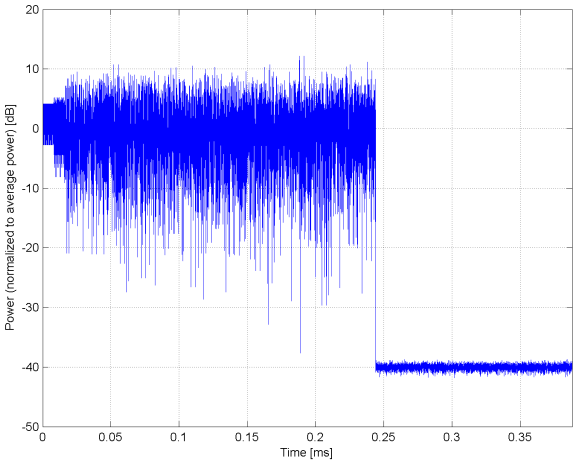
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

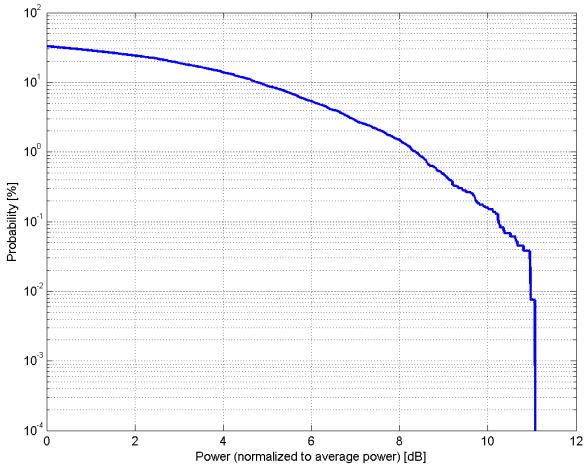
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)**
Group:	WLAN
UID:	10068-CAA
PAR: [1]	**10.24 dB**
MIF: [2]	**-3.16 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	64-QAM
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 48 Mbps Coding Rate: 2/3 Coded bits per subcarrier: 6 Coded bits per OFDM symbol: 288 Data bits per OFDM symbol: 192 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.3 ms

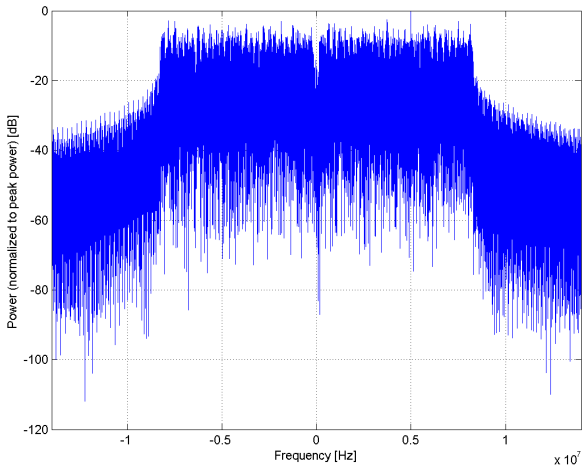
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

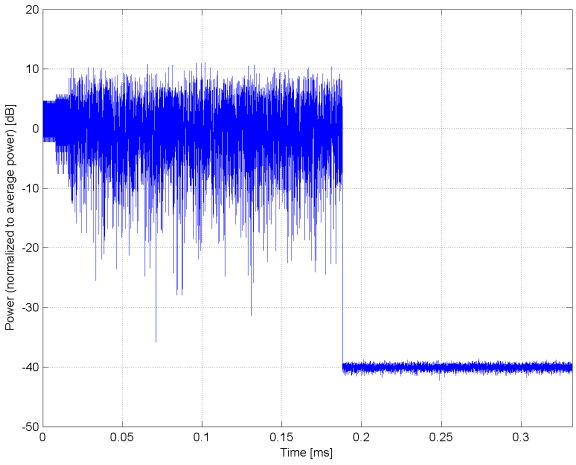
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

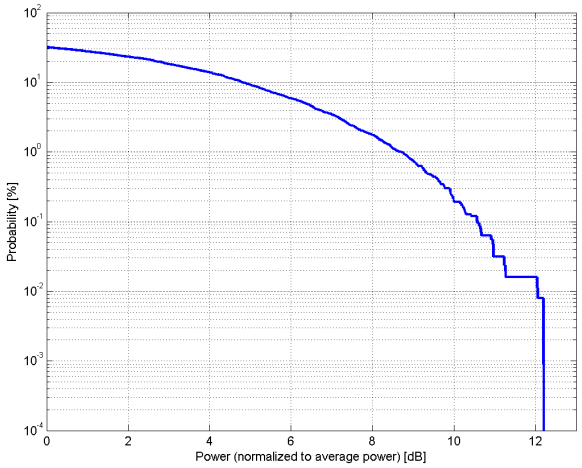
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)**
Group:	WLAN
UID:	10069-CAA
PAR: [1]	**10.56 dB**
MIF: [2]	**-3.15 dB**
Standard Reference:	IEEE 802.11a-1999 (R2003) , Part 11 IEEE 802.11h-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	64-QAM
Frequency Band:	5 GHz Band (5030.0-5825.0 MHz, 20053)
Detailed Specification:	Data Rate: 54 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 6 Coded bits per OFDM symbol: 288 Data bits per OFDM symbol: 216 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.3 ms

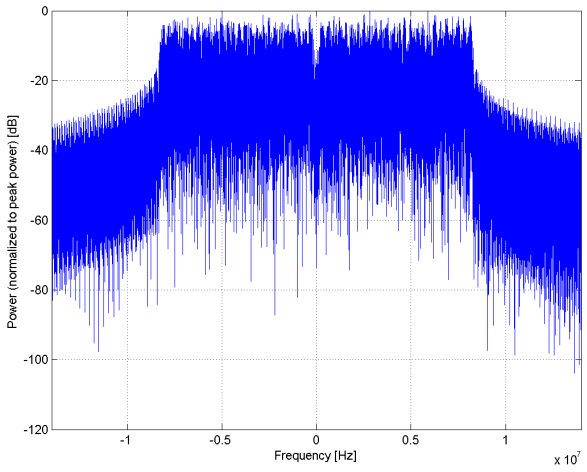
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

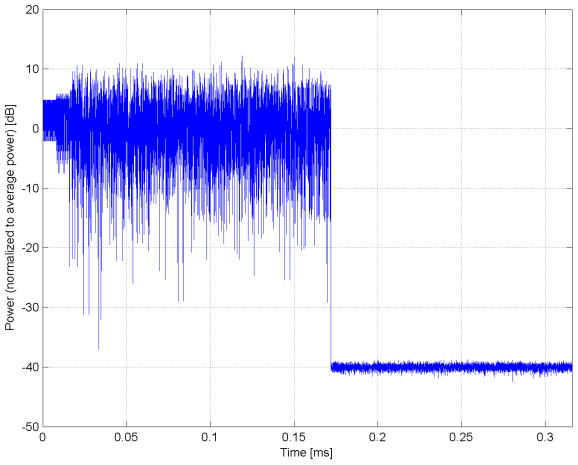
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

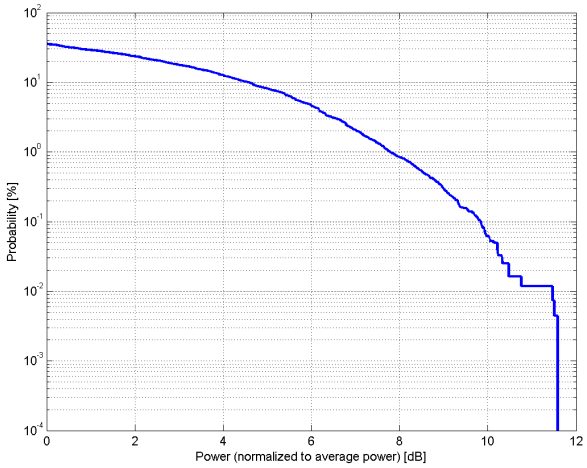
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)**
Group:	WLAN
UID:	10071-CAA
PAR: [1]	**9.83 dB**
MIF: [2]	**-2.40 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	BPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 9 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 1 Coded bits per OFDM symbol: 48 Data bits per OFDM symbol: 36 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.7 ms

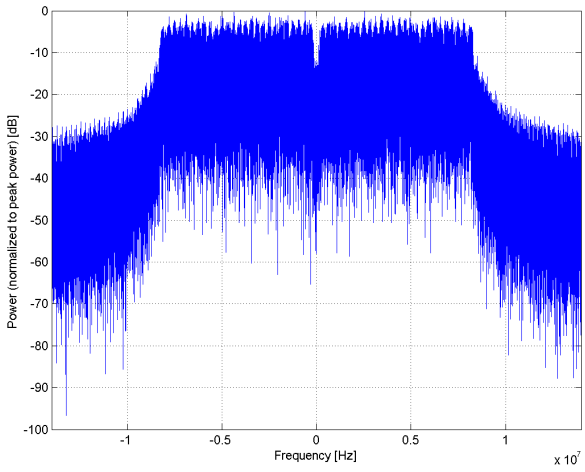
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

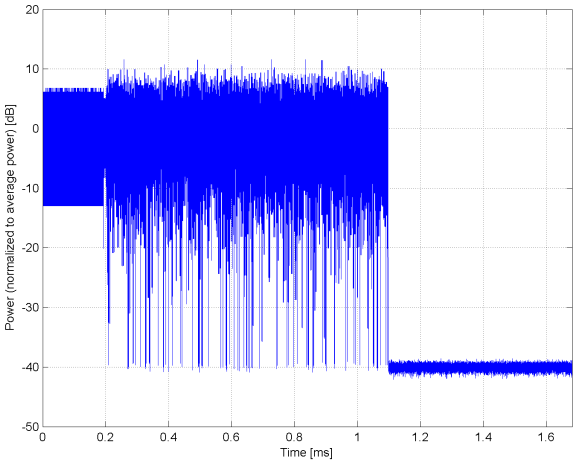
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

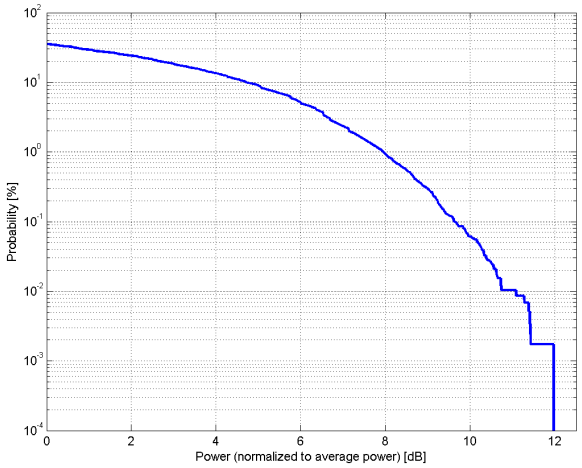
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)**
Group:	WLAN
UID:	10072-CAA
PAR: [1]	**9.62 dB**
MIF: [2]	**-1.88 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 12 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 2 Coded bits per OFDM symbol: 96 Data bits per OFDM symbol: 48 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.5 ms

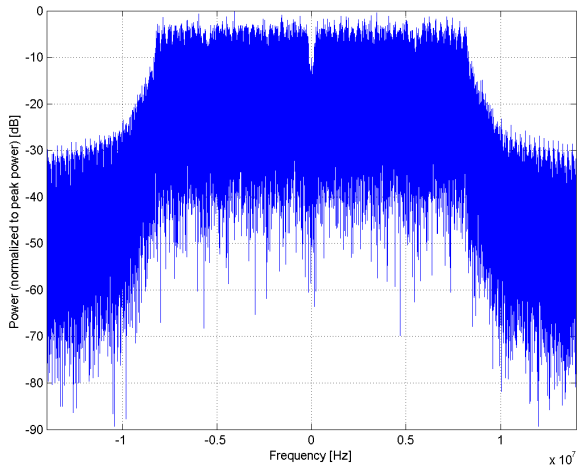
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

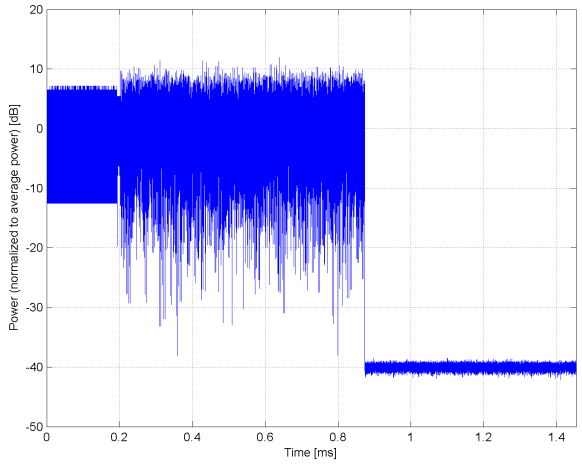
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

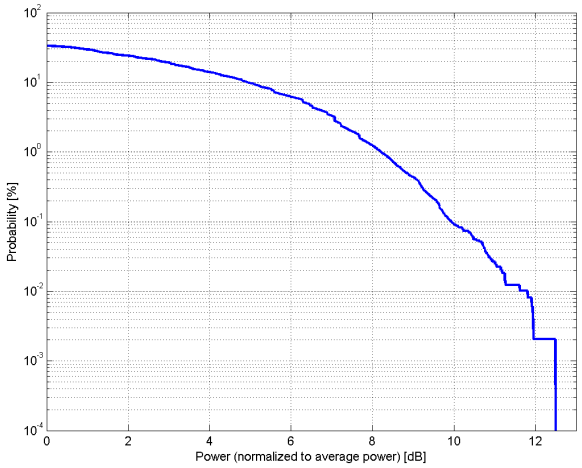
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)**
Group:	WLAN
UID:	10073-CAA
PAR: [1]	**9.94 dB**
MIF: [2]	**-1.22 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 18 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 2 Coded bits per OFDM symbol: 96 Data bits per OFDM symbol: 72 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.2 ms

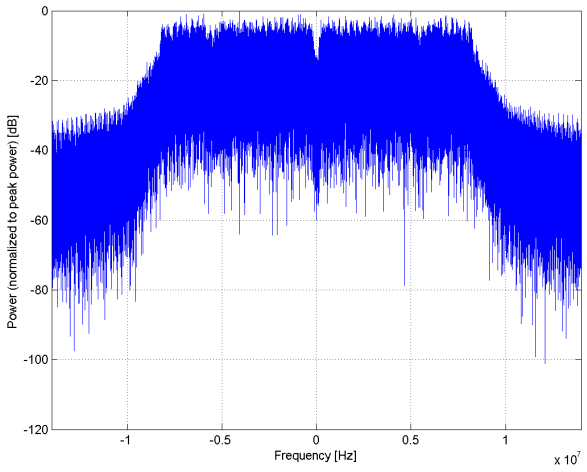
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

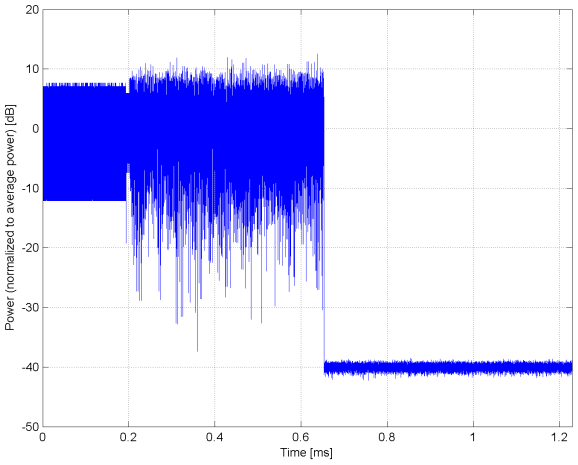
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

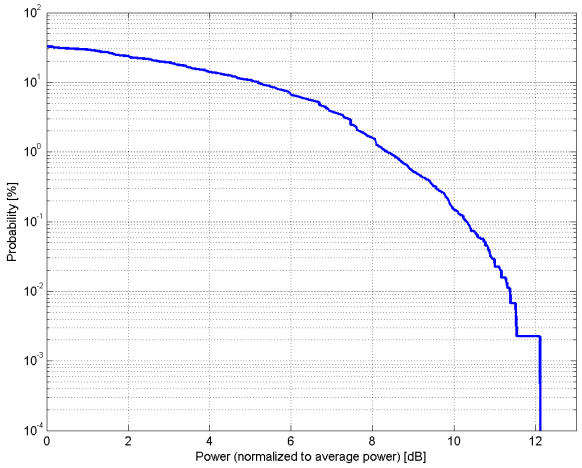
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)**
Group:	WLAN
UID:	10074-CAA
PAR: [1]	**10.30 dB**
MIF: [2]	**-0.80 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	16-QAM
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 24 Mbps Coding Rate: 1/2 Coded bits per subcarrier: 4 Coded bits per OFDM symbol: 192 Data bits per OFDM symbol: 96 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.1 ms

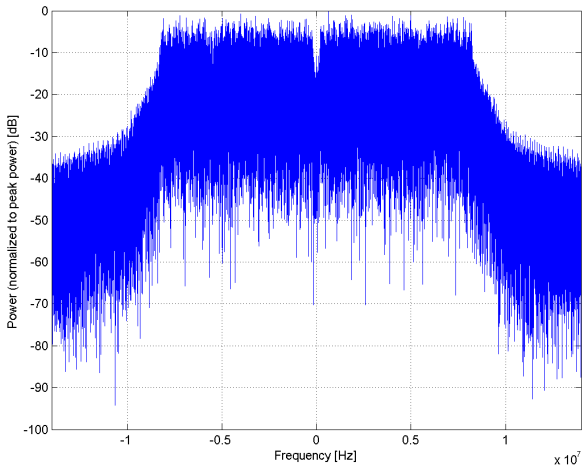
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

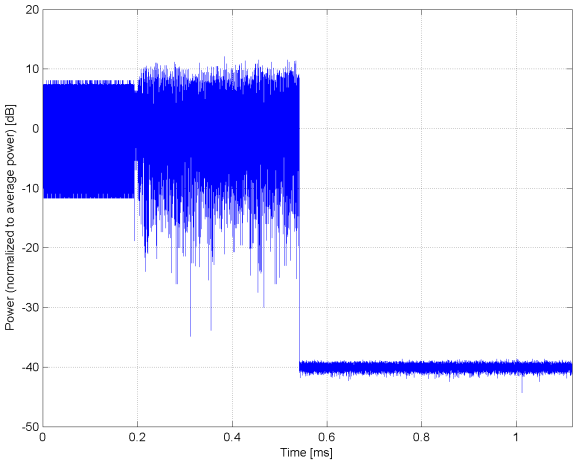
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

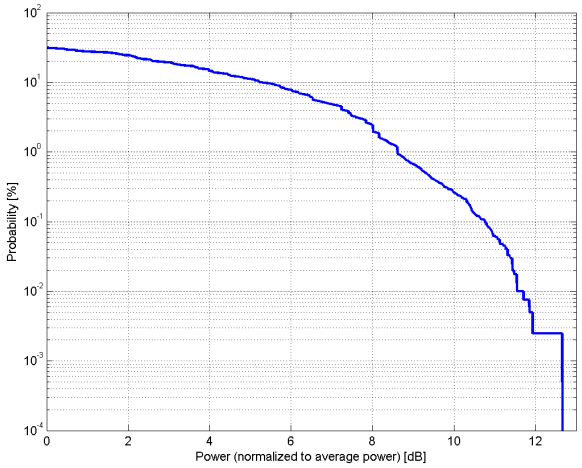
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)**
Group:	WLAN
UID:	10075-CAA
PAR: [1]	**10.77 dB**
MIF: [2]	**-0.29 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	16-QAM
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 36 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 4 Coded bits per OFDM symbol: 192 Data bits per OFDM symbol: 144 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	1.0 ms

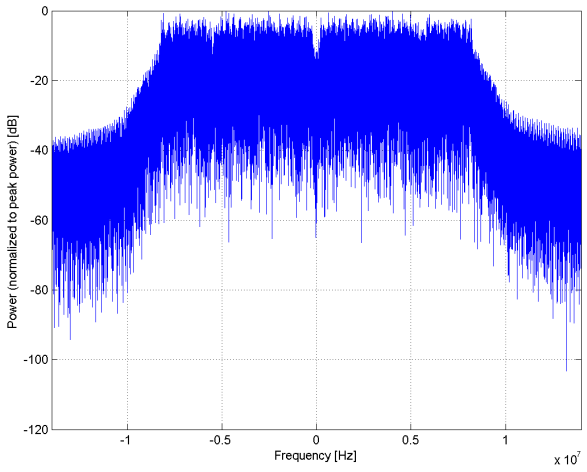
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

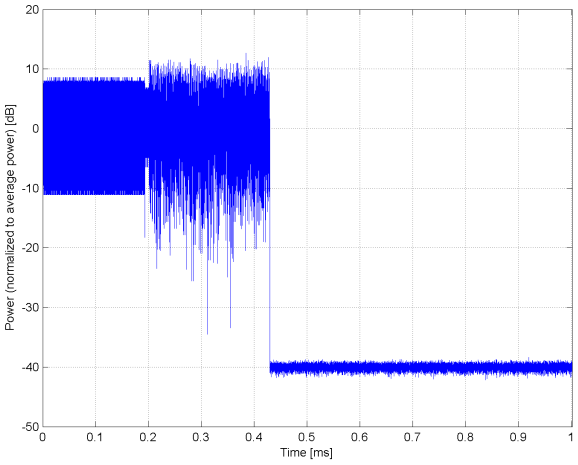
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

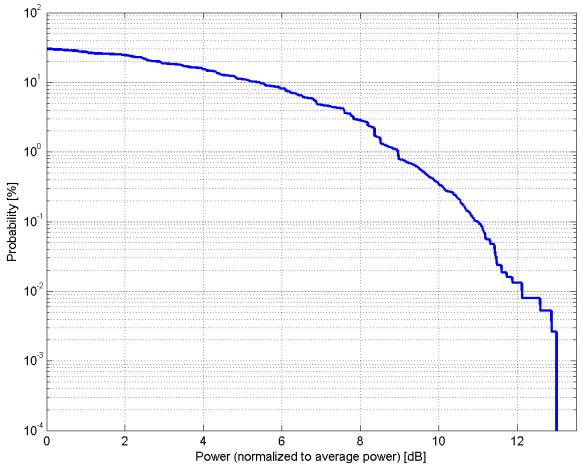
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)**
Group:	WLAN
UID:	10076-CAA
PAR: [1]	**10.94 dB**
MIF: [2]	**0.02 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	64-QAM
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 48 Mbps Coding Rate: 2/3 Coded bits per subcarrier: 6 Coded bits per OFDM symbol: 288 Data bits per OFDM symbol: 192 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.9 ms

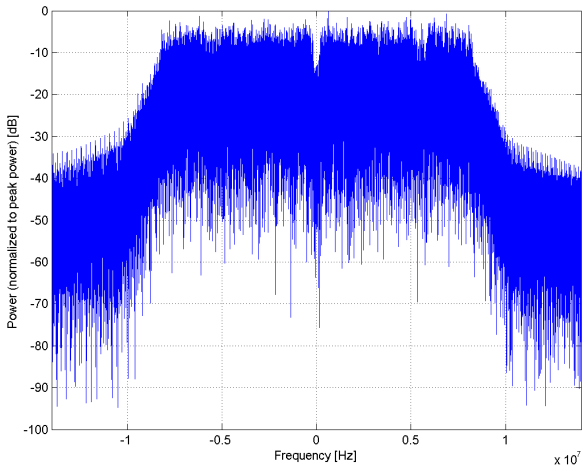
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

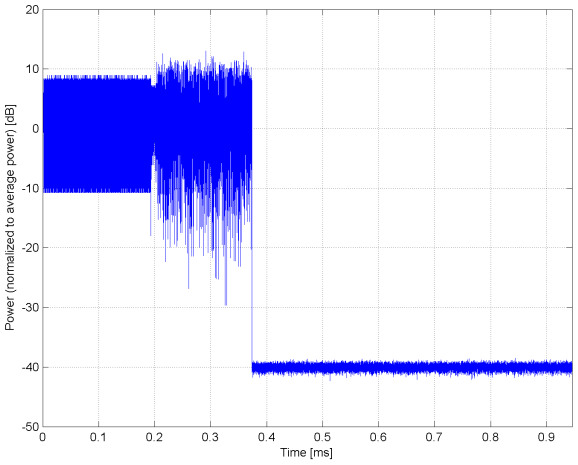
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

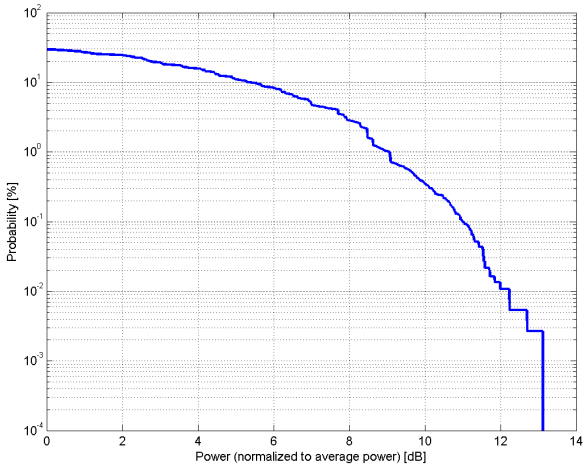
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)**
Group:	WLAN
UID:	10077-CAA
PAR: [1]	**11.00 dB**
MIF: [2]	**0.12 dB**
Standard Reference:	IEEE 802.11g-2003 , Part 11 FCC SAR meas for 802 11 a b g v01r02 (248227 D01)
Category:	Random amplitude modulation
Modulation:	64-QAM
Frequency Band:	ISM 2.4 GHz Band, World but Japan (2401.5-2482.5 MHz, 20028) ISM 2.4 GHz-Band, Japan (2472.5-2495.5 MHz, 20030)
Detailed Specification:	Data Rate: 54 Mbps Coding Rate: 3/4 Coded bits per subcarrier: 6 Coded bits per OFDM symbol: 288 Data bits per OFDM symbol: 216 PSDU Length: 1000 Bytes PSDU Data: PN9
Bandwidth:	20.0 MHz
Integration Time:	0.9 ms

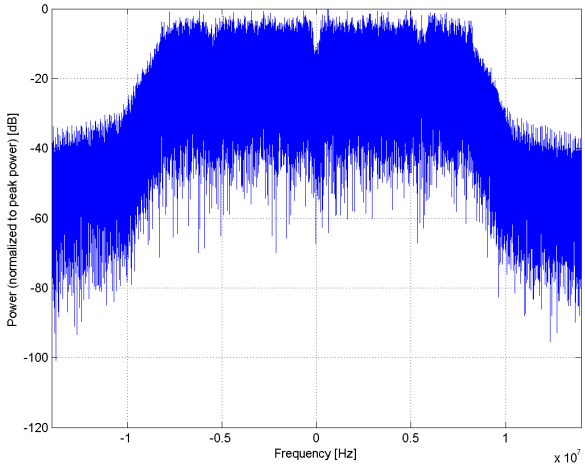
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

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

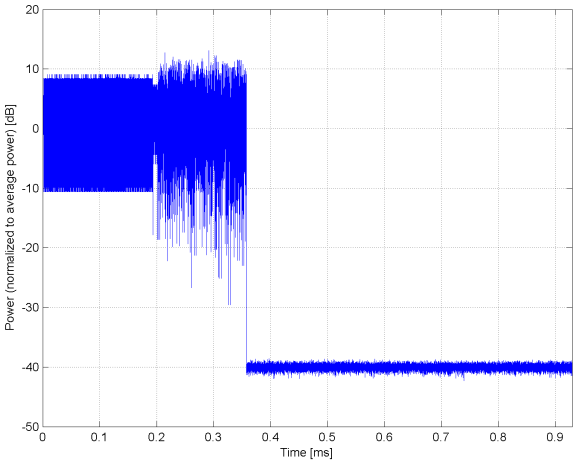
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain

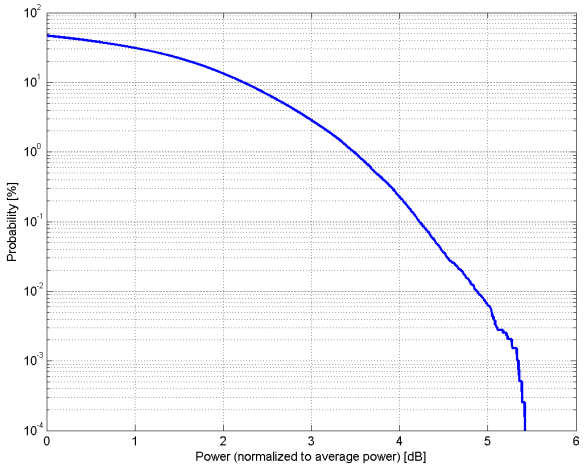
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Name:	**CDMA2000 (1xEV-DO, 153.6 kbps)**
Group:	CDMA2000
UID:	10080-CAB
PAR: [1]	**4.22 dB**
MIF: [2]	**-19.54 dB**
Standard Reference:	3GPP2 C.S0024 FCC OET KDB 941225 D01 SAR test for 3G devices (v02)
Category:	Random amplitude modulation
Modulation:	QPSK
Frequency Band:	Band Class 0 (824.0-849.0 MHz, 20039) 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:	Data Rate: 153.6 kbps RRI Symbol: 101 DRC Value: 0x01
Bandwidth:	1.2 MHz
Integration Time:	80.0 ms

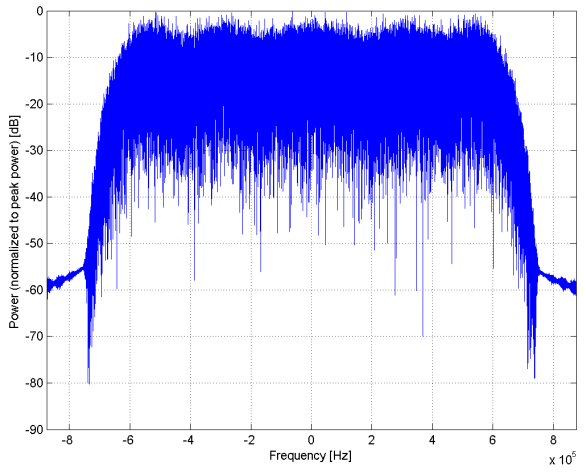
[1] PAR (0.1%) in accordance with FCC KDB 971168, Section 6.0 "'Measurement of the Peak-to-Average Power Ratio (PAPR)"'

[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).

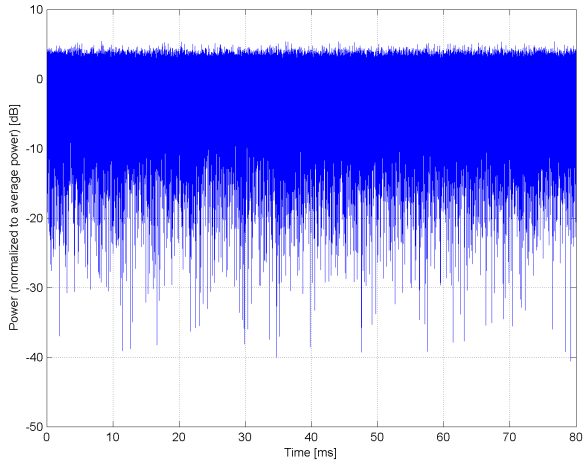
Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



Complementary Cumulative Distribution Function (CCDF)



Frequency Domain



Time Domain