

5mbit.cnd

INPUT.CMD

dB

1000

50000 messages

Number of re

Takes into account 1 dB of implementation loss (allowed 2 dB).

Only RxD errors are taken into account since these need better SIR then preamble at 1 MBit

Attention: Input the red cells for correct spreadsheet calculations!

total errors 45 out of 280 measurement points.

percentage 16.07%

OK? $\leq 20\%$, OK

Number of received data errors as a function of frequency and interference level																			OK? =<20%, OK																		
Not measured combinations listed as "-1"																																					
		H				I		J		K		L		M		N		O		P		Q		R		S		Rx/D Errors detected full test range	PDA missing full test range	Rx/D Errors detected up to CW =< -59 dBm	PDA missing AT CW = -59 dBm	Both error Rx/D and PDA =< -59 dBm					
		Uncorrected Interference level dialed at CW generator																																			
		-60		-59		-58		-57		-56		-55		-54		-53		-52																			
		True CW interference level at receiver input (dBm)														-59		-58																			
		-66		-65		-64		-63		-62		-61		-60		-59		-58																			
J/S ratio (dB)		-13		#PDA		-12		#PDA		-11		#PDA		-10		#PDA		-9		#PDA		-8		#PDA		-7		#PDA		-6		#PDA		-5		#PDA	
Frequency (Hz)																																					
2409000000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:53:49	4/15/99											
2409050000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:52:18	4/15/99											
2409100000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:50:48	4/15/99											
2409150000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:49:19	4/15/99											
2409200000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:47:48	4/15/99											
2409250000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:46:19	4/15/99											
2409300000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:44:49	4/15/99											
2409350000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:43:18	4/15/99											
2409400000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:41:49	4/15/99											
2409450000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:40:18	4/15/99											
2409500000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:38:48	4/15/99											
2409550000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:37:18	4/15/99											
2409600000		0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 Rx/D errors	OK, No PDA error	0	0	0	15:35:48	4/15/											

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2414450000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	11	50000	RxD errors	OK, No PDA errors	0	0	0	10:28:05	4/15/99
2414500000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	900001	50000	RxD errors	OK, No PDA errors	0	0	0	10:29:35	4/15/99
2414550000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	35	50000	RxD errors	OK, No PDA errors	0	0	0	10:31:03	4/15/99
2414600000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	7	50000	RxD errors	OK, No PDA errors	0	0	0	10:32:33	4/15/99
2414650000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	2	1000	RxD errors	OK, No PDA errors	0	1	1	10:34:02	4/15/99
2414700000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	1	50000	RxD errors	OK, No PDA errors	0	0	0	10:35:32	4/15/99
2414750000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	2	50000	RxD errors	OK, No PDA errors	0	0	0	10:37:00	4/15/99
2414800000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	26	50000	RxD errors	OK, No PDA errors	0	0	0	10:38:29	4/15/99
2414850000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:40:00	4/15/99
2414900000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:41:30	4/15/99
2414950000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	7	50000	RxD errors	OK, No PDA errors	0	0	0	10:43:00	4/15/99
2415000000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:44:30	4/15/99
2415050000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:46:00	4/15/99
2415100000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:47:31	4/15/99
2415150000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	10:49:01	4/15/99
2415200000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	7	50000	RxD errors	OK, No PDA errors	0	0	0	10:50:31	4/15/99
2415250000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	1	1000	RxD errors	OK, No PDA errors	0	1	1	10:52:01	4/15/99
2415300000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	7	50000	RxD errors	OK, No PDA errors	0	0	0	10:53:31	4/15/99
2415350000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	1	50000	RxD errors	OK, No PDA errors					

2417500000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	1	49998	89	50000	-1	-1	RxD errors	PDA errors	1	1	1	12:03:59	4/15/99
2417550000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	2	50000	286	50000	-1	-1	RxD errors	PDA errors	1	1	1	12:06:33	4/15/99
2417600000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	3	50000	149	50000	-1	-1	RxD errors	PDA errors	1	1	1	12:09:08	4/15/99
2417650000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	4	50000	166	50000	-1	-1	RxD errors	PDA errors	1	1	1	12:11:43	4/15/99
2417700000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	158	50000	-1	-1	RxD errors	PDA errors	1	1	1	12:14:19	4/15/99
2417750000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	78	50000	29	1000	RxD errors	OK, No PDA errors	1	1	1	12:15:48	4/15/99
2417800000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	41	50000	11	1000	RxD errors	OK, No PDA errors	1	1	1	12:17:19	4/15/99
2417850000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	14	50000	7	1000	RxD errors	OK, No PDA errors	1	1	1	12:18:48	4/15/99
2417900000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	4	50000	1	1000	RxD errors	OK, No PDA errors	1	1	1	12:20:19	4/15/99
2417950000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	49	50000	RxD errors	OK, No PDA errors	0	0	0	12:21:49	4/15/99
2418000000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	27	50000	RxD errors	OK, No PDA errors	0	0	0	12:23:19	4/15/99
2418050000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	3	50000	RxD errors	OK, No PDA errors	0	0	0	12:24:49	4/15/99
2418100000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	OK, 0 RxD errors	OK, No PDA errors	0	0	0	12:26:20	4/15/99
2418150000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	3	50000	RxD errors	OK, No PDA errors	0	0	0	12:27:50	4/15/99
2418200000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	17	50000	RxD errors	OK, No PDA errors	0	0	0	12:29:20	4/15/99
2418250000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	13	50000	RxD errors	OK, No PDA errors	0	0	0	12:30:51	4/15/99
2418300000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	19	50000	RxD errors	OK, No PDA errors	0	0	0	12:32:21	4/15/99
2418350000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	50000	1	1000	RxD errors	OK, No PDA errors	0	1	1	12:33:52	4/15/99
2418400000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	0	1000	41	50000	RxD errors	OK, No PDA errors	0	0	0	12:35:22	4/15/99

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