

Test Condition: Vibration Test Mode: GSM, GPRS Test Band: GSM900, DCS1800

Test Data

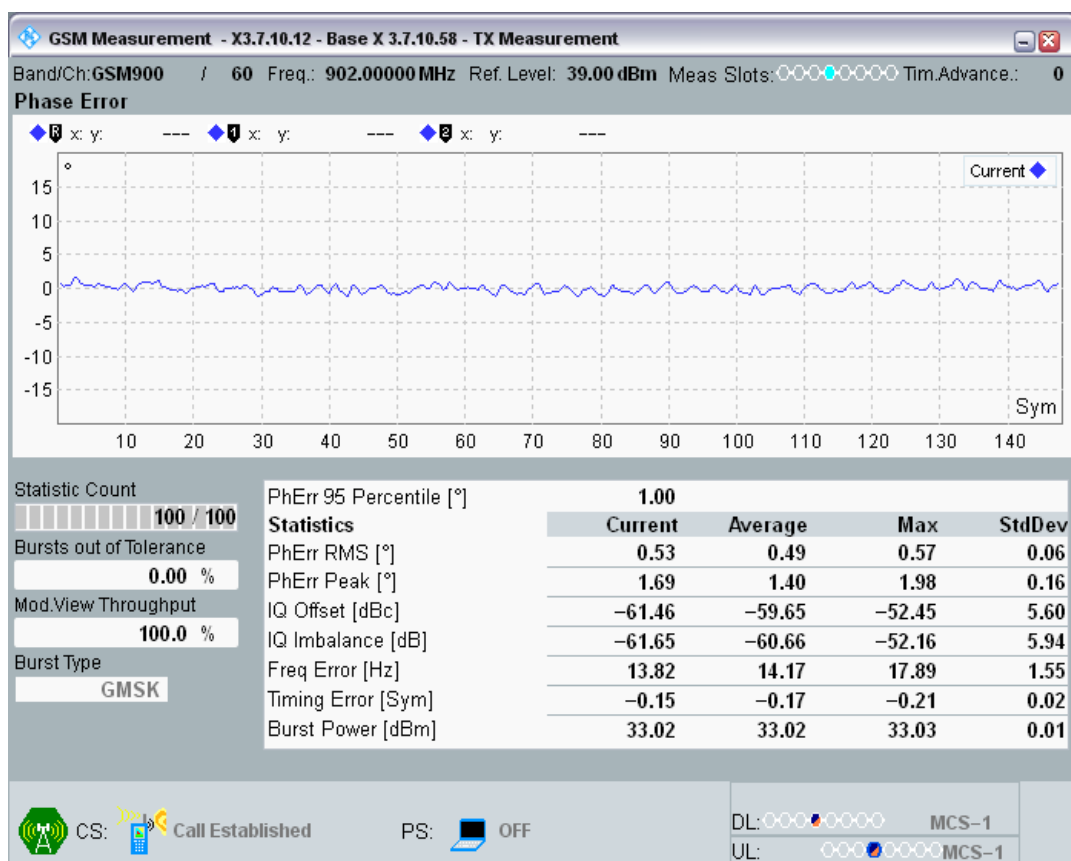
Clause 4.2.1 Transmitter-Frequency error and phase error

Band	Channel	Frequency (MHz)	PCL	Type	Result	Low Limit	high Limit	Verdict
GSM900	975	880.2	5	Frequency Error (Hz)	15.85	-88.02	88.02	PASS
GSM900	975	880.2	5	RMS Phase Error (Degree)	0.34	0	5	PASS
GSM900	975	880.2	5	Peak Phase Error (Degree)	1.01	0	20	PASS
GSM900	60	902	5	Frequency Error (Hz)	14.17	-90.2	90.2	PASS
GSM900	60	902	5	RMS Phase Error (Degree)	0.49	0	5	PASS
GSM900	60	902	5	Peak Phase Error (Degree)	1.40	0	20	PASS
GSM900	124	914.8	5	Frequency Error (Hz)	16.92	-91.48	91.48	PASS
GSM900	124	914.8	5	RMS Phase Error (Degree)	0.60	0	5	PASS
GSM900	124	914.8	5	Peak Phase Error (Degree)	1.52	0	20	PASS
DCS1800	512	1710.2	0	Frequency Error (Hz)	12.40	-171.02	171.02	PASS
DCS1800	512	1710.2	0	RMS Phase Error (Degree)	0.42	0	5	PASS
DCS1800	512	1710.2	0	Peak Phase Error (Degree)	1.28	0	20	PASS
DCS1800	700	1747.8	0	Frequency Error (Hz)	13.92	-174.78	174.78	PASS
DCS1800	700	1747.8	0	RMS Phase Error (Degree)	0.59	0	5	PASS
DCS1800	700	1747.8	0	Peak Phase Error (Degree)	1.71	0	20	PASS
DCS1800	885	1784.8	0	Frequency Error (Hz)	12.30	-178.48	178.48	PASS
DCS1800	885	1784.8	0	RMS Phase Error (Degree)	0.76	0	5	PASS
DCS1800	885	1784.8	0	Peak Phase Error (Degree)	2.03	0	20	PASS

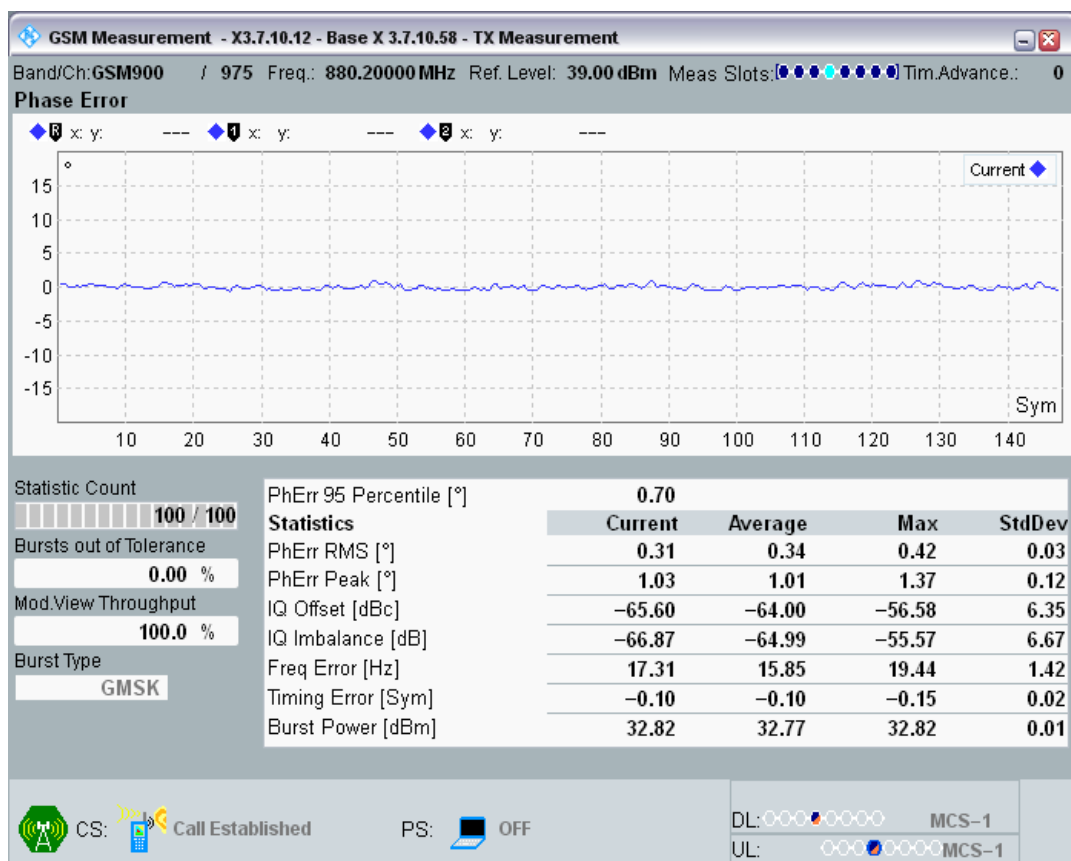
GSM900 Channel=124 PCL=5.png



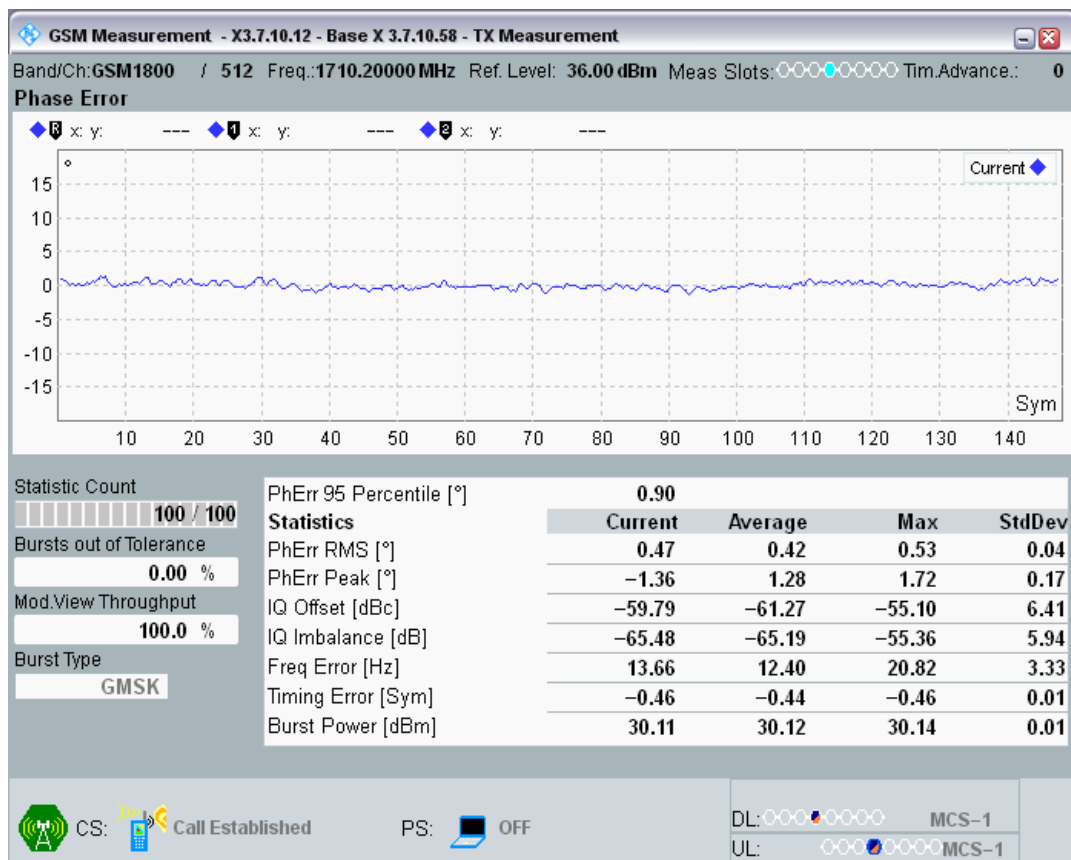
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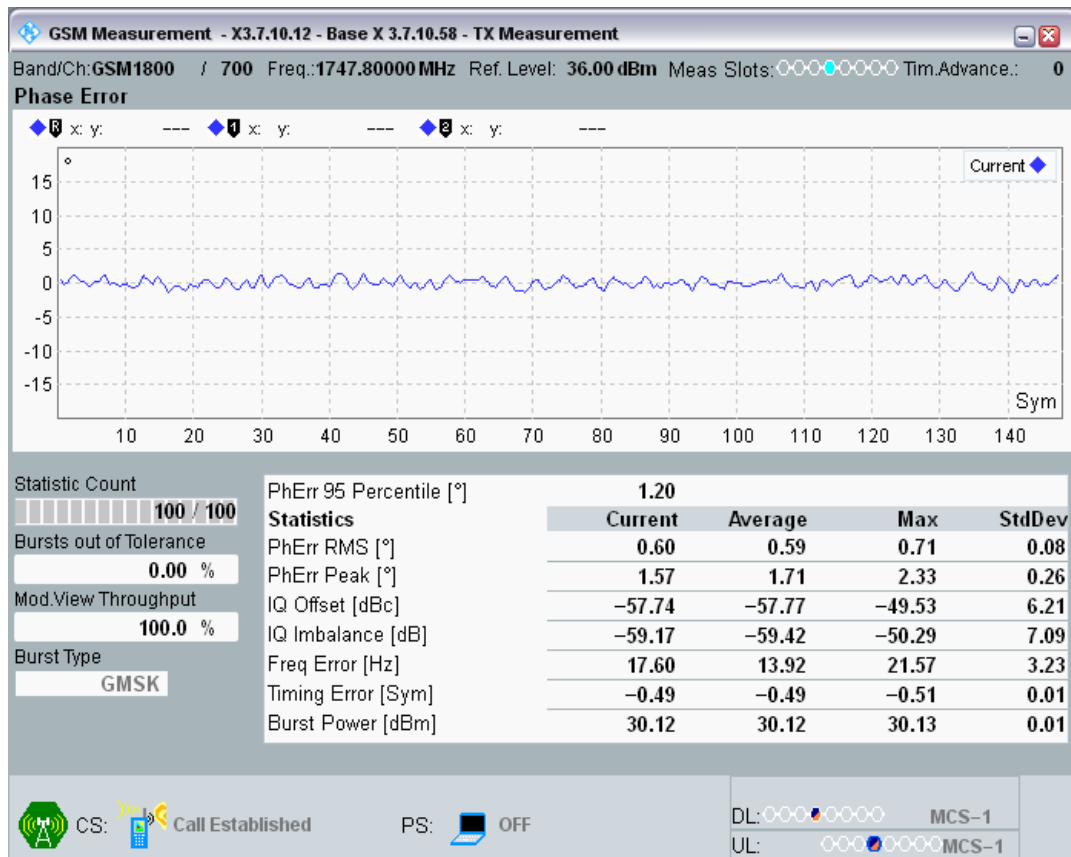
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DCS1800 Channel=512 PCL=0.png



DCS1800 Channel=700 PCL=0.png



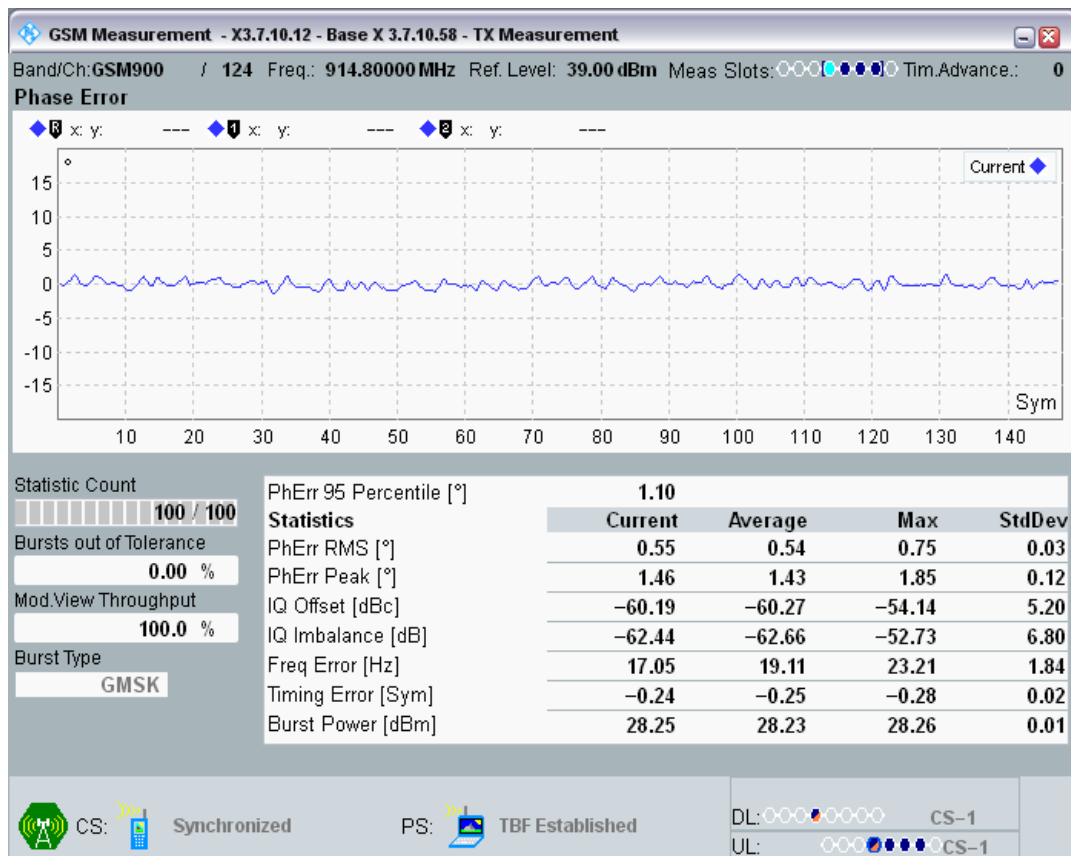
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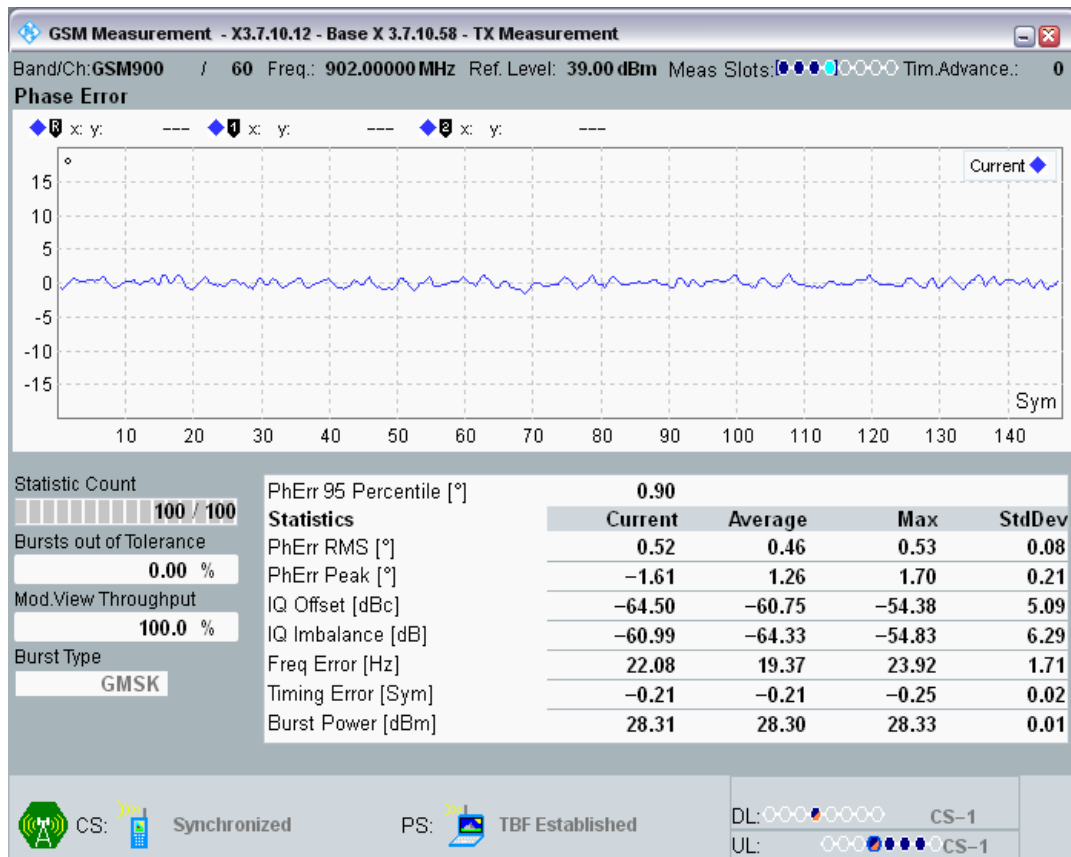
Clause 4.2.4 Frequency error and phase error in GPRS multi slot configuration

Band	Channel	Frequency (MHz)	Gamma	Type	Result	Low Limit	high Limit	Verdict
GSM900	975	880.2	3;3;3;3	Frequency Error (Hz)	19.60	-88.02	88.02	PASS
GSM900	975	880.2	3;3;3;3	RMS Phase Error (Degree)	0.26	0	5	PASS
GSM900	975	880.2	3;3;3;3	Peak Phase Error (Degree)	0.80	0	20	PASS
GSM900	60	902	3;3;3;3	Frequency Error (Hz)	19.37	-90.2	90.2	PASS
GSM900	60	902	3;3;3;3	RMS Phase Error (Degree)	0.46	0	5	PASS
GSM900	60	902	3;3;3;3	Peak Phase Error (Degree)	1.26	0	20	PASS
GSM900	124	914.8	3;3;3;3	Frequency Error (Hz)	19.11	-91.48	91.48	PASS
GSM900	124	914.8	3;3;3;3	RMS Phase Error (Degree)	0.54	0	5	PASS
GSM900	124	914.8	3;3;3;3	Peak Phase Error (Degree)	1.43	0	20	PASS
DCS1800	512	1710.2	3;3;3;3	Frequency Error (Hz)	18.05	-171.02	171.02	PASS
DCS1800	512	1710.2	3;3;3;3	RMS Phase Error (Degree)	0.46	0	5	PASS
DCS1800	512	1710.2	3;3;3;3	Peak Phase Error (Degree)	1.40	0	20	PASS
DCS1800	700	1747.8	3;3;3;3	Frequency Error (Hz)	15.72	-174.78	174.78	PASS
DCS1800	700	1747.8	3;3;3;3	RMS Phase Error (Degree)	0.55	0	5	PASS
DCS1800	700	1747.8	3;3;3;3	Peak Phase Error (Degree)	1.59	0	20	PASS
DCS1800	885	1784.8	3;3;3;3	Frequency Error (Hz)	16.72	-178.48	178.48	PASS
DCS1800	885	1784.8	3;3;3;3	RMS Phase Error (Degree)	0.79	0	5	PASS
DCS1800	885	1784.8	3;3;3;3	Peak Phase Error (Degree)	2.14	0	20	PASS

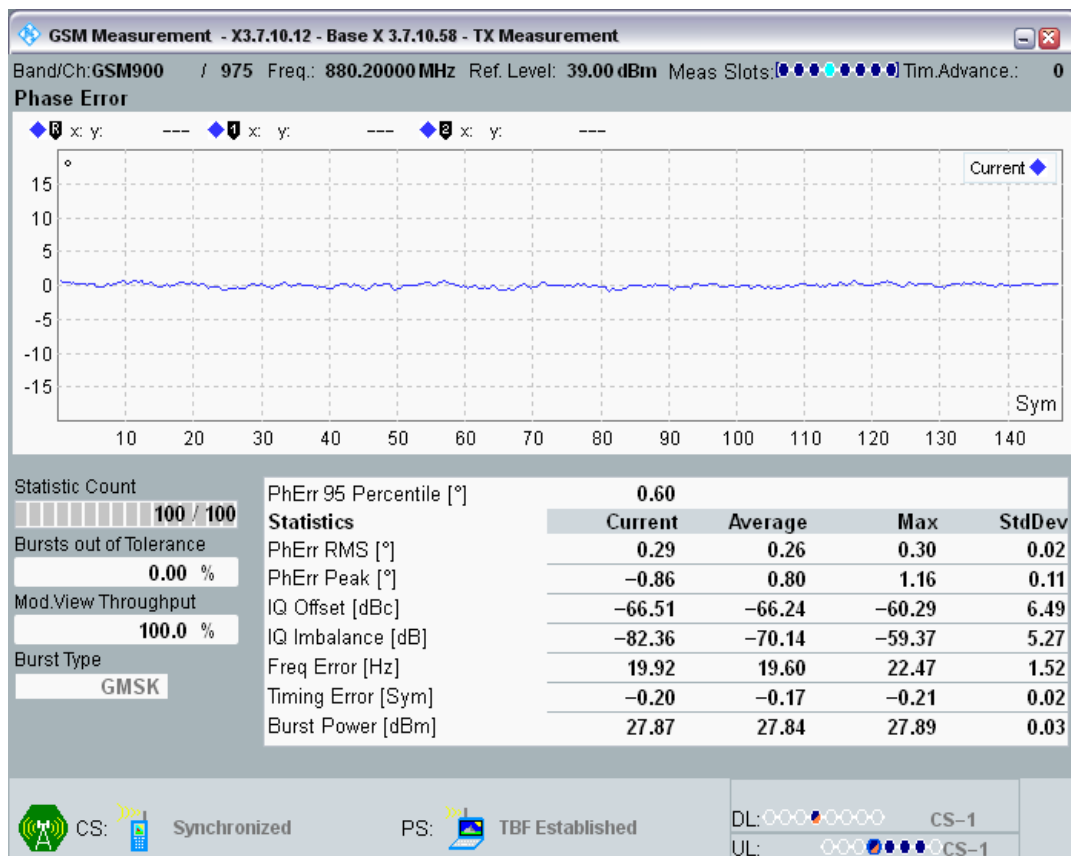
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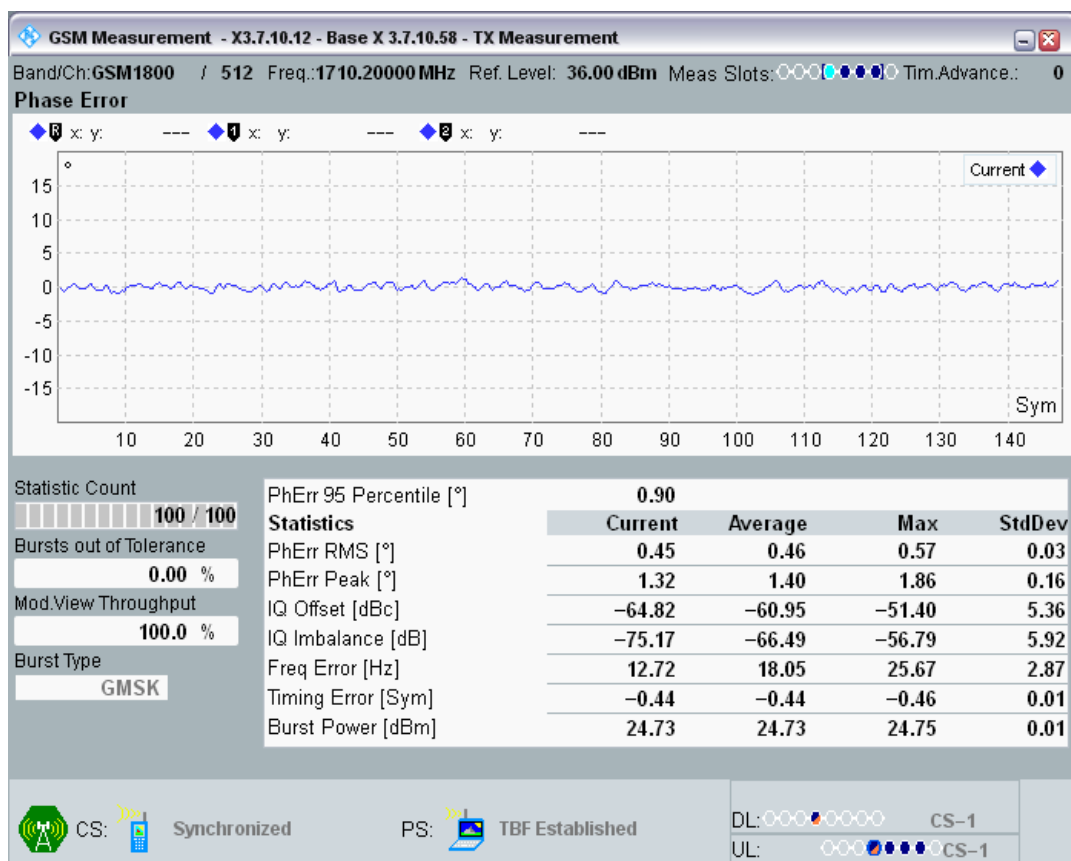
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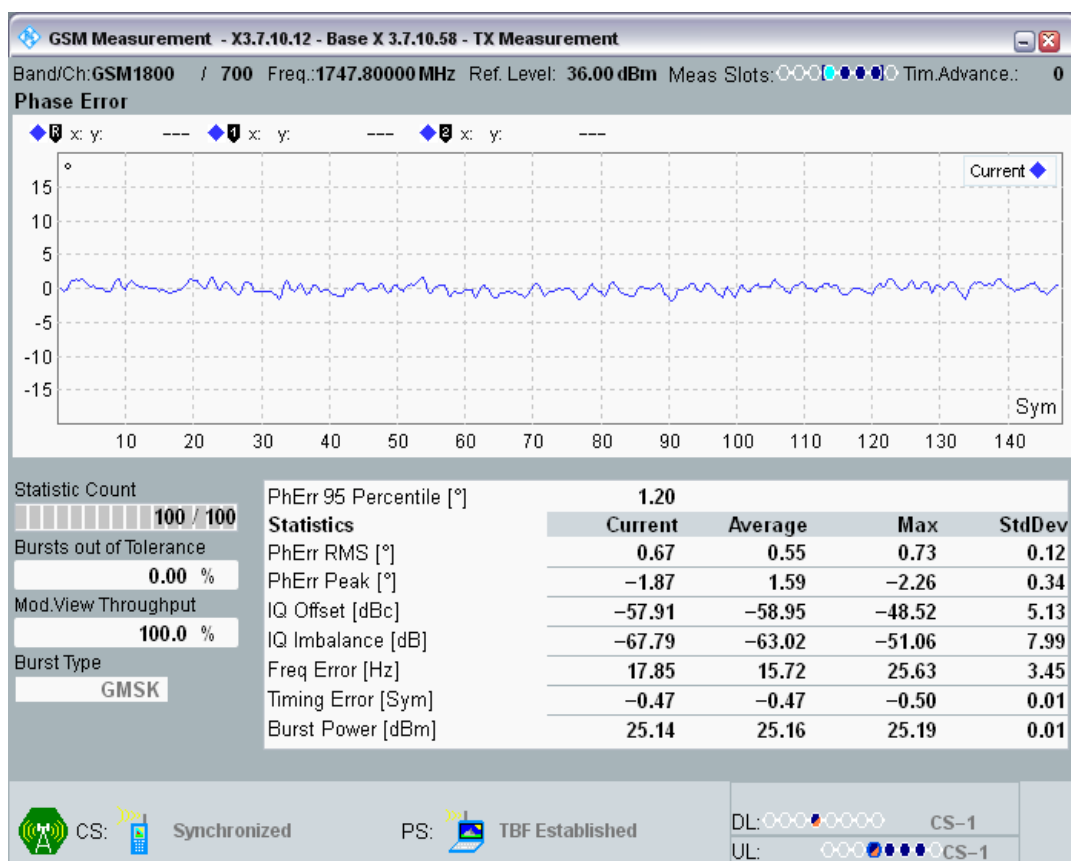
GSM900 Channel=975 Gamma=3;3;3.png



DCS1800 Channel=512 Gamma=3;3;3;3.png



DCS1800 Channel=700 Gamma=3;3;3;3.png



DCS1800 Channel=885 Gamma=3;3;3;3.png

