

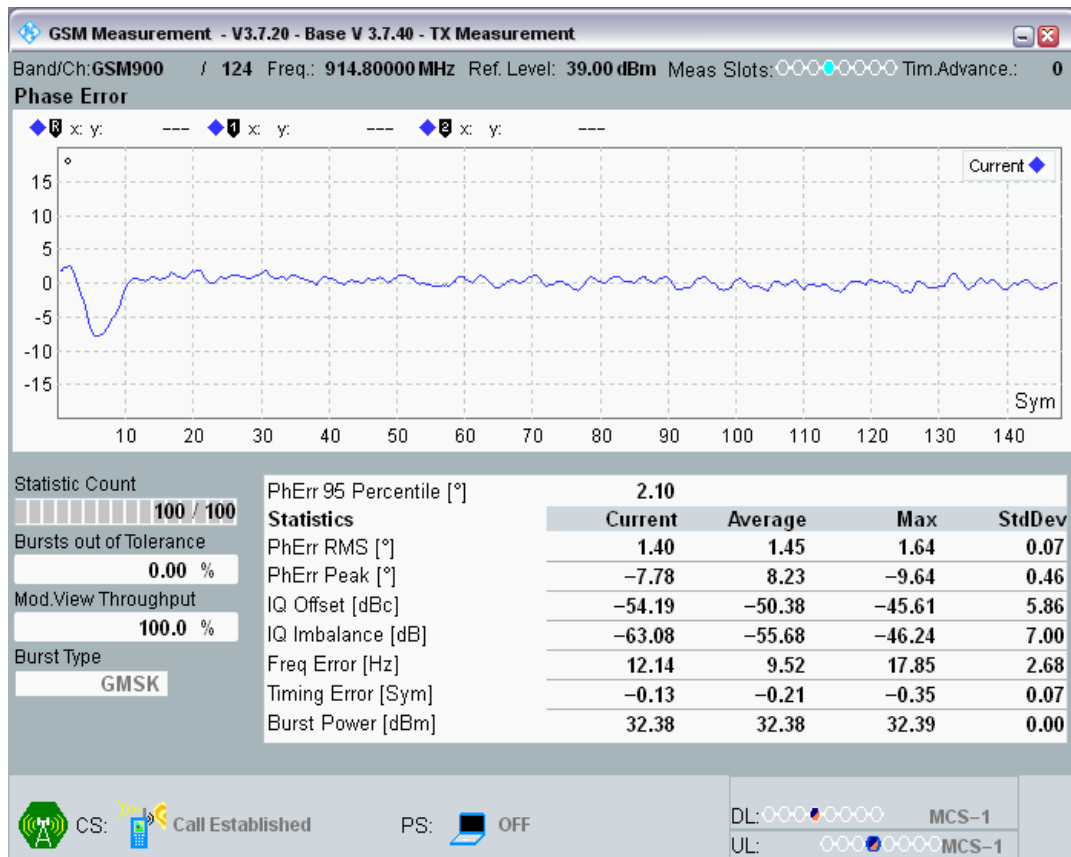
Test Condition: Vibration, Test Mode: GSM, GPRS, EGPRS, Test Band: GSM900, DCS1800

Test Data

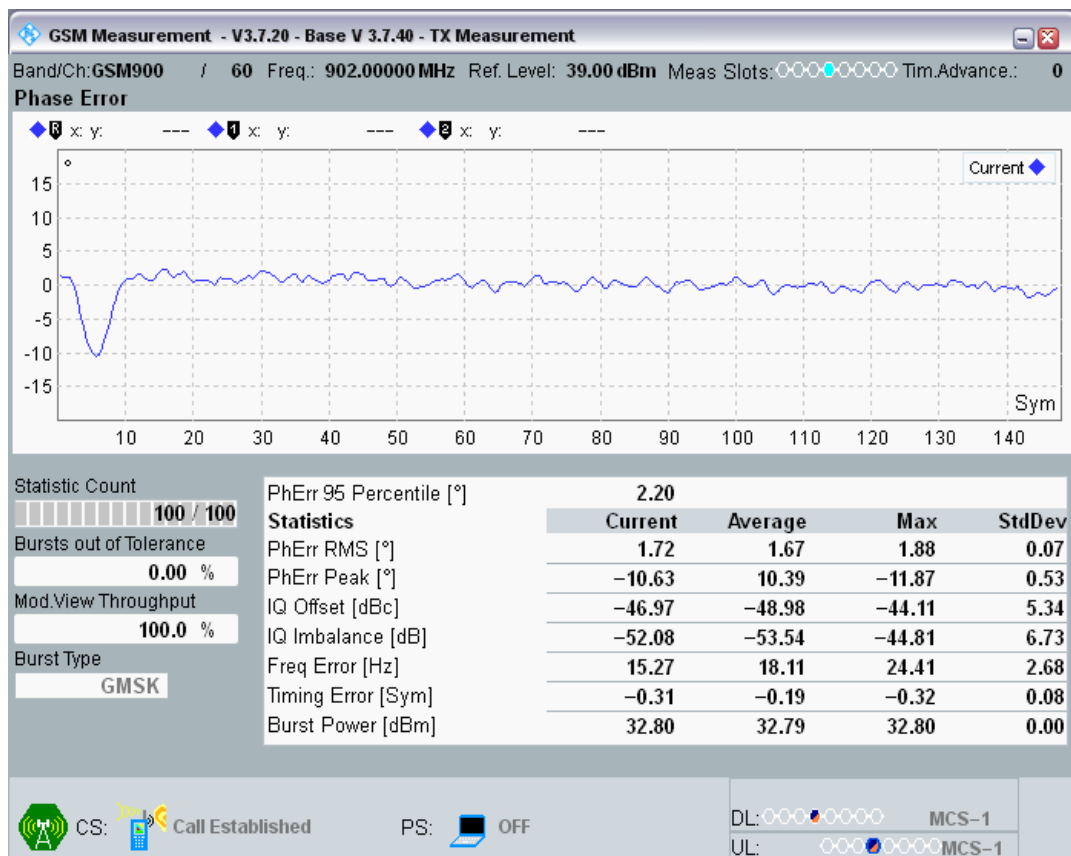
Clause 4.2.1 Transmitter-Frequency error and phase error

Band	Channel	Frequency (MHz)	PCL	Type	Result	Low Limit	high Limit	Verdict
GSM900	975	880.2	5	Frequency Error (Hz)	16.05	-88.02	88.02	PASS
GSM900	975	880.2	5	RMS Phase Error (Degree)	1.28	0	5	PASS
GSM900	975	880.2	5	Peak Phase Error (Degree)	6.63	0	20	PASS
GSM900	60	902	5	Frequency Error (Hz)	18.11	-90.2	90.2	PASS
GSM900	60	902	5	RMS Phase Error (Degree)	1.67	0	5	PASS
GSM900	60	902	5	Peak Phase Error (Degree)	10.39	0	20	PASS
GSM900	124	914.8	5	Frequency Error (Hz)	9.52	-91.48	91.48	PASS
GSM900	124	914.8	5	RMS Phase Error (Degree)	1.45	0	5	PASS
GSM900	124	914.8	5	Peak Phase Error (Degree)	8.23	0	20	PASS
DCS1800	512	1710.2	0	Frequency Error (Hz)	15.59	-171.02	171.02	PASS
DCS1800	512	1710.2	0	RMS Phase Error (Degree)	0.61	0	5	PASS
DCS1800	512	1710.2	0	Peak Phase Error (Degree)	1.97	0	20	PASS
DCS1800	700	1747.8	0	Frequency Error (Hz)	14.40	-174.78	174.78	PASS
DCS1800	700	1747.8	0	RMS Phase Error (Degree)	0.60	0	5	PASS
DCS1800	700	1747.8	0	Peak Phase Error (Degree)	1.94	0	20	PASS
DCS1800	885	1784.8	0	Frequency Error (Hz)	20.89	-178.48	178.48	PASS
DCS1800	885	1784.8	0	RMS Phase Error (Degree)	0.67	0	5	PASS
DCS1800	885	1784.8	0	Peak Phase Error (Degree)	2.25	0	20	PASS

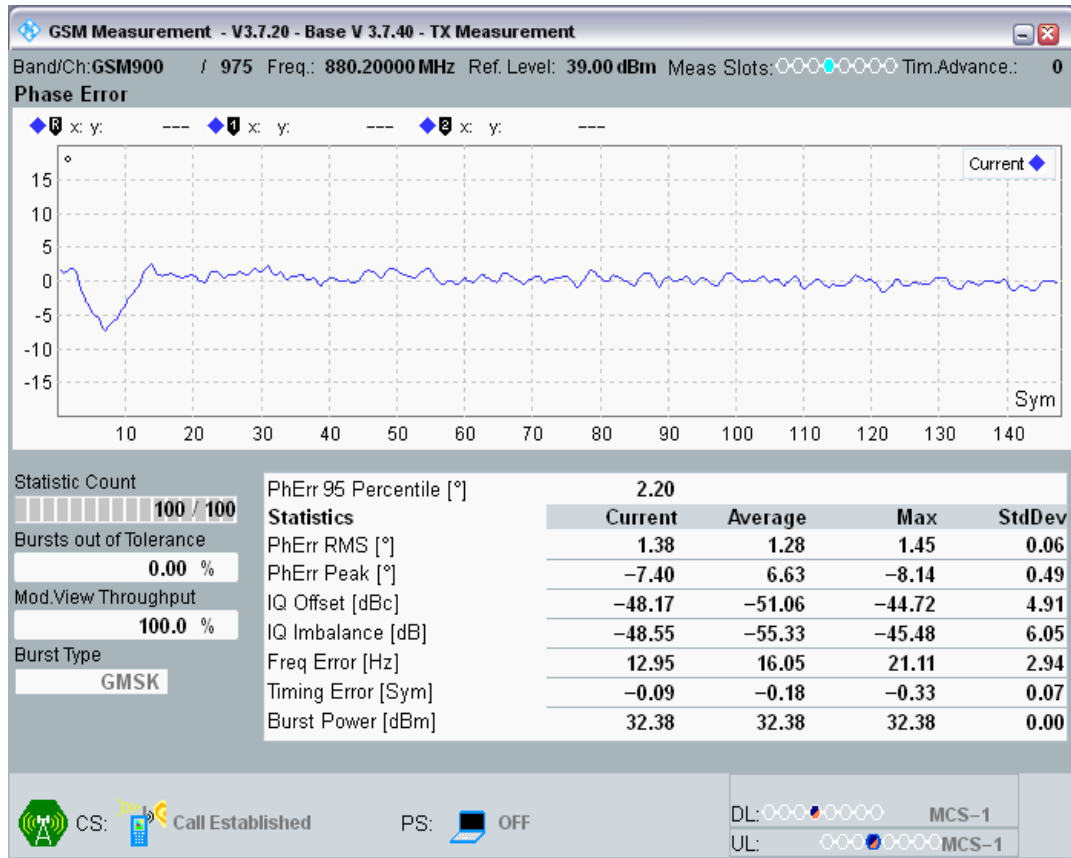
GSM900 Channel=124 PCL=5.png



GSM900 Channel=60 PCL=5.png



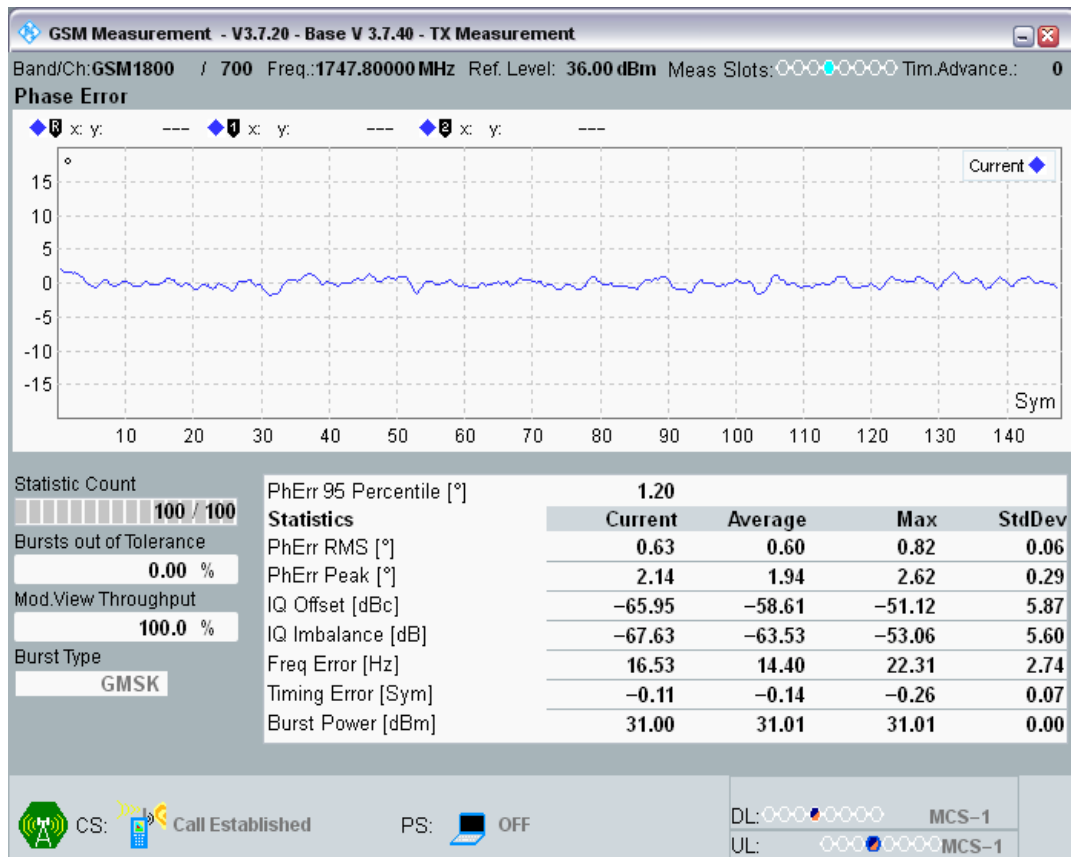
GSM900 Channel=975 PCL=5.png



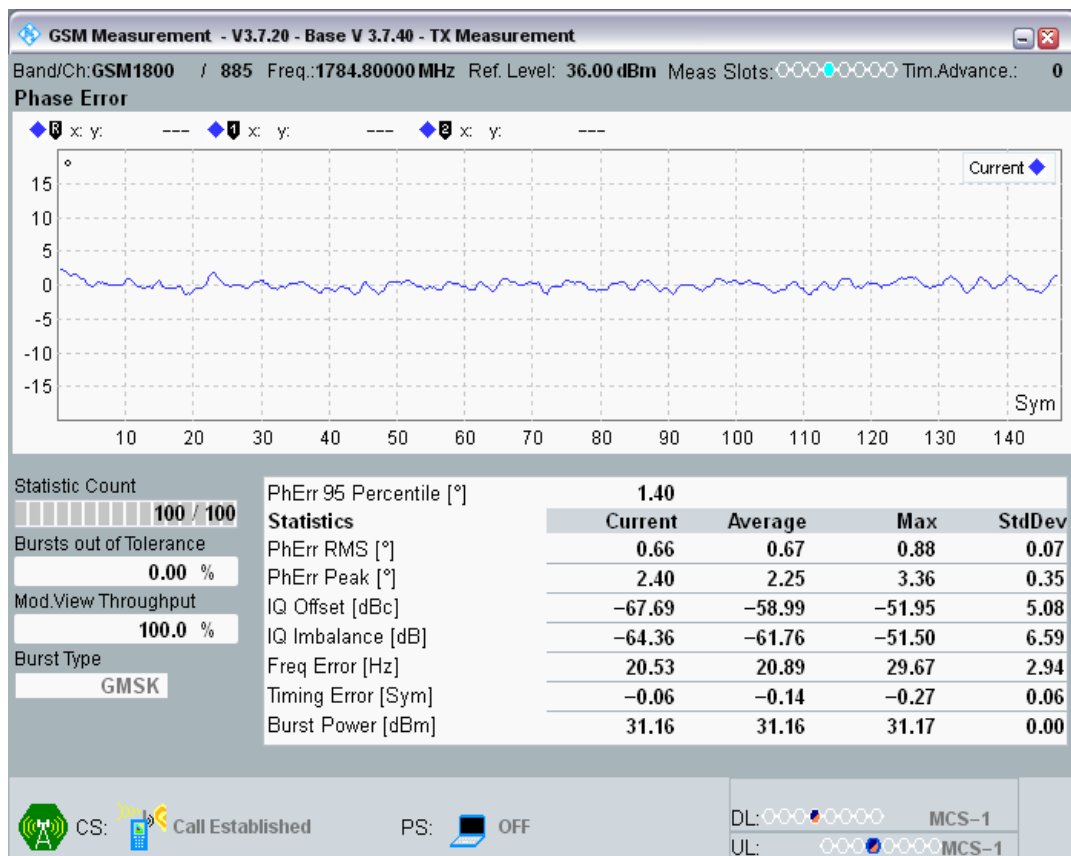
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DCS1800 Channel=700 PCL=0.png



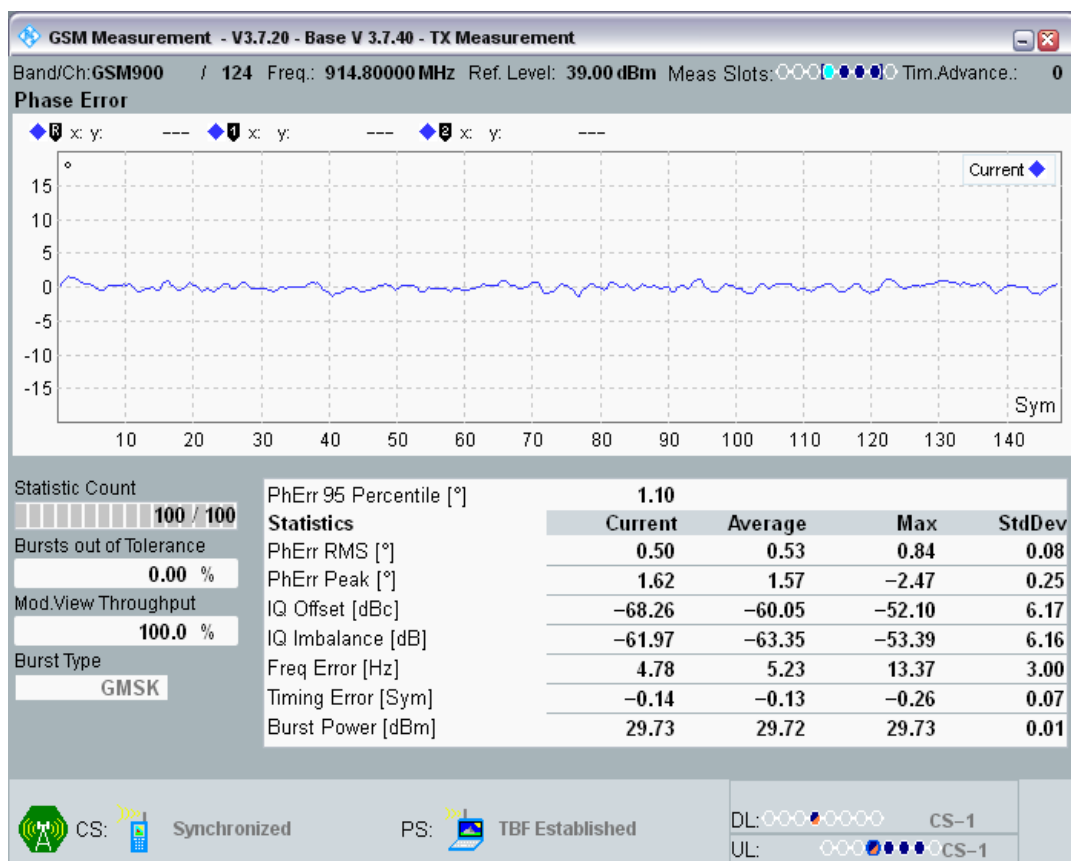
DCS1800 Channel=885 PCL=0.png



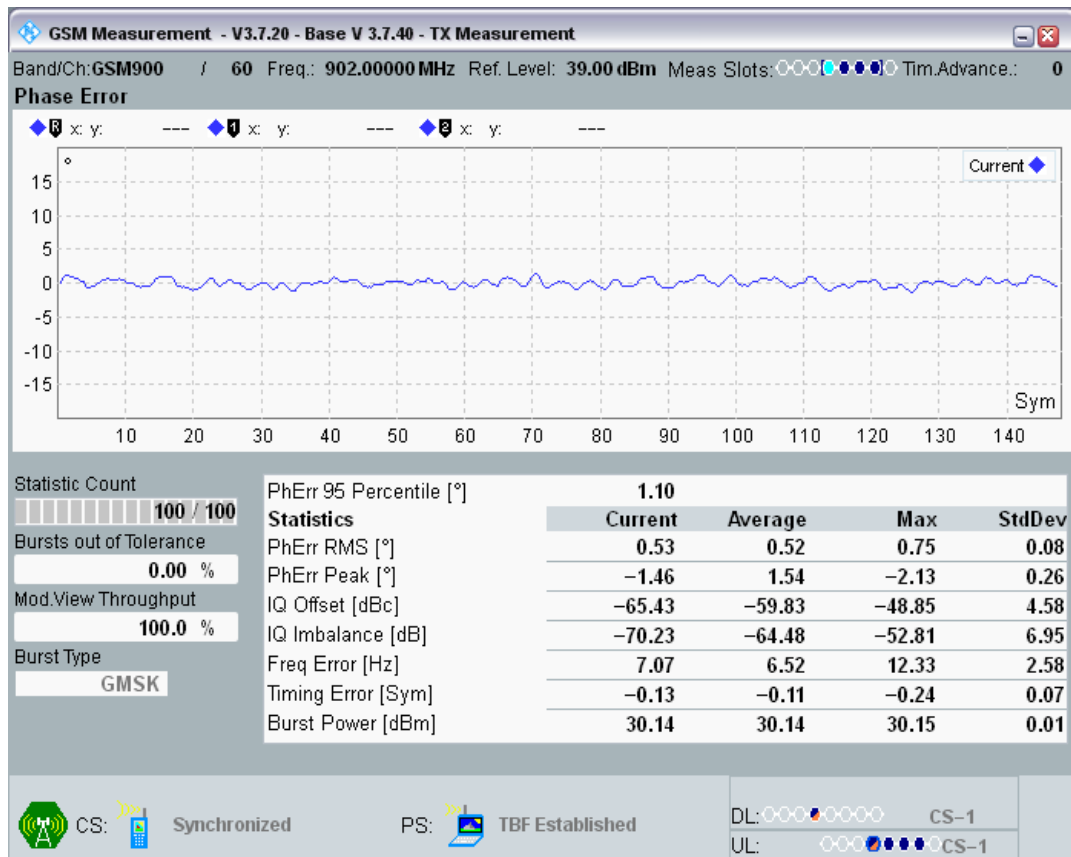
Clause 4.2.4 Frequency error and phase error in GPRS multi slot configuration

Band	Channel	Frequency (MHz)	Gamma	Type	Result	Low Limit	high Limit	Verdict
GSM900	975	880.2	3;3;3;3	Frequency Error (Hz)	8.36	-88.02	88.02	PASS
GSM900	975	880.2	3;3;3;3	RMS Phase Error (Degree)	0.48	0	5	PASS
GSM900	975	880.2	3;3;3;3	Peak Phase Error (Degree)	1.39	0	20	PASS
GSM900	60	902	3;3;3;3	Frequency Error (Hz)	6.52	-90.2	90.2	PASS
GSM900	60	902	3;3;3;3	RMS Phase Error (Degree)	0.52	0	5	PASS
GSM900	60	902	3;3;3;3	Peak Phase Error (Degree)	1.54	0	20	PASS
GSM900	124	914.8	3;3;3;3	Frequency Error (Hz)	5.23	-91.48	91.48	PASS
GSM900	124	914.8	3;3;3;3	RMS Phase Error (Degree)	0.53	0	5	PASS
GSM900	124	914.8	3;3;3;3	Peak Phase Error (Degree)	1.57	0	20	PASS
DCS1800	512	1710.2	3;3;3;3	Frequency Error (Hz)	13.27	-171.02	171.02	PASS
DCS1800	512	1710.2	3;3;3;3	RMS Phase Error (Degree)	0.69	0	5	PASS
DCS1800	512	1710.2	3;3;3;3	Peak Phase Error (Degree)	2.47	0	20	PASS
DCS1800	700	1747.8	3;3;3;3	Frequency Error (Hz)	16.21	-174.78	174.78	PASS
DCS1800	700	1747.8	3;3;3;3	RMS Phase Error (Degree)	0.62	0	5	PASS
DCS1800	700	1747.8	3;3;3;3	Peak Phase Error (Degree)	2.26	0	20	PASS
DCS1800	885	1784.8	3;3;3;3	Frequency Error (Hz)	16.34	-178.48	178.48	PASS
DCS1800	885	1784.8	3;3;3;3	RMS Phase Error (Degree)	0.58	0	5	PASS
DCS1800	885	1784.8	3;3;3;3	Peak Phase Error (Degree)	2.53	0	20	PASS

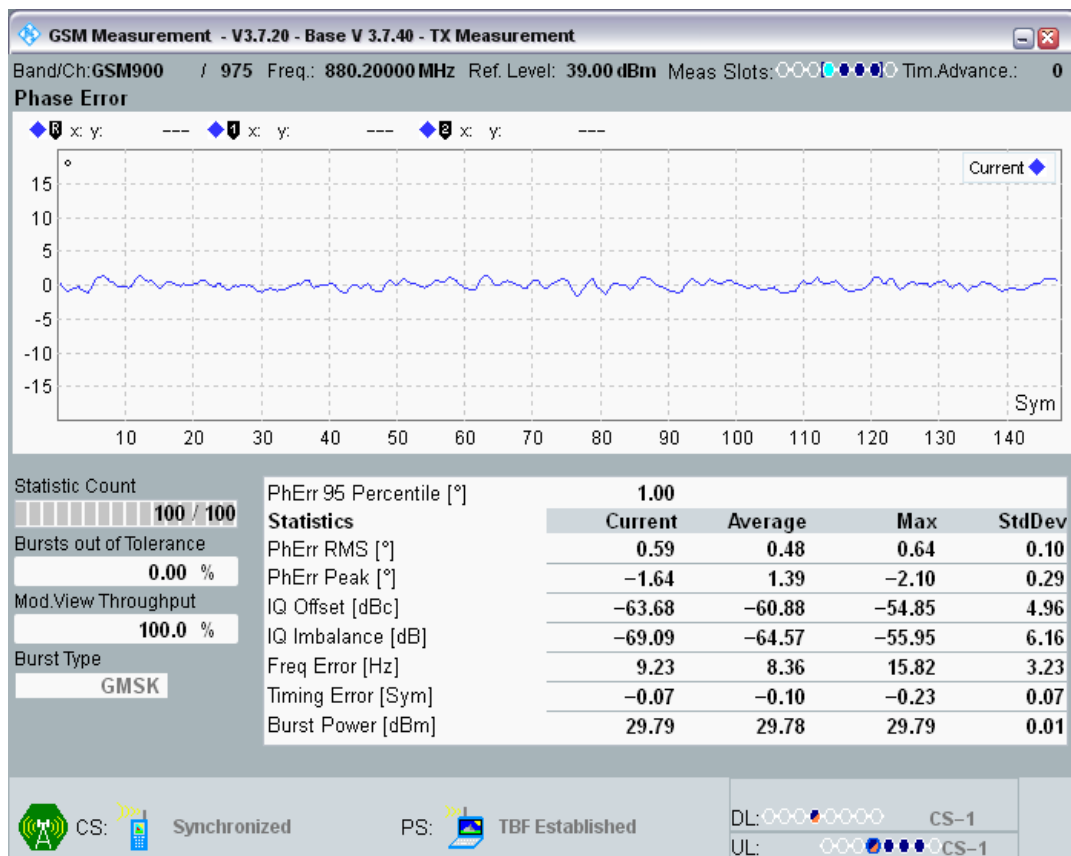
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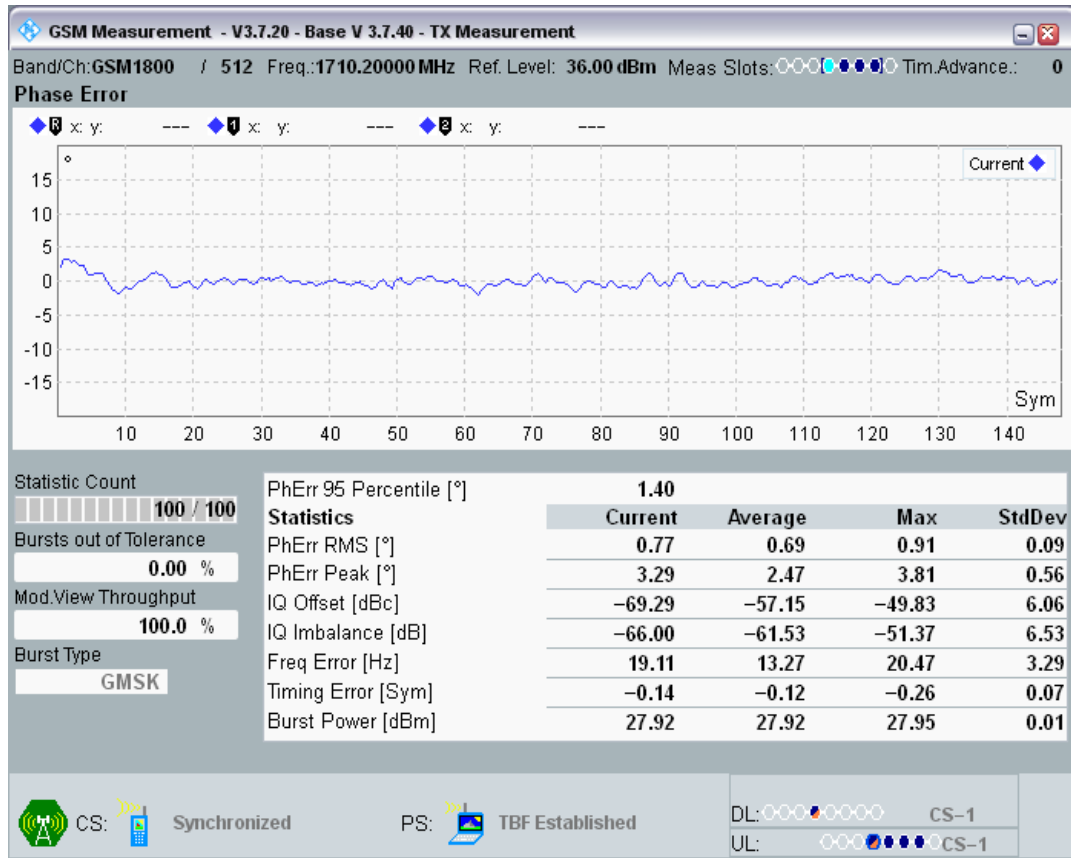
GSM900 Channel=60 Gamma=3;3;3;3.png



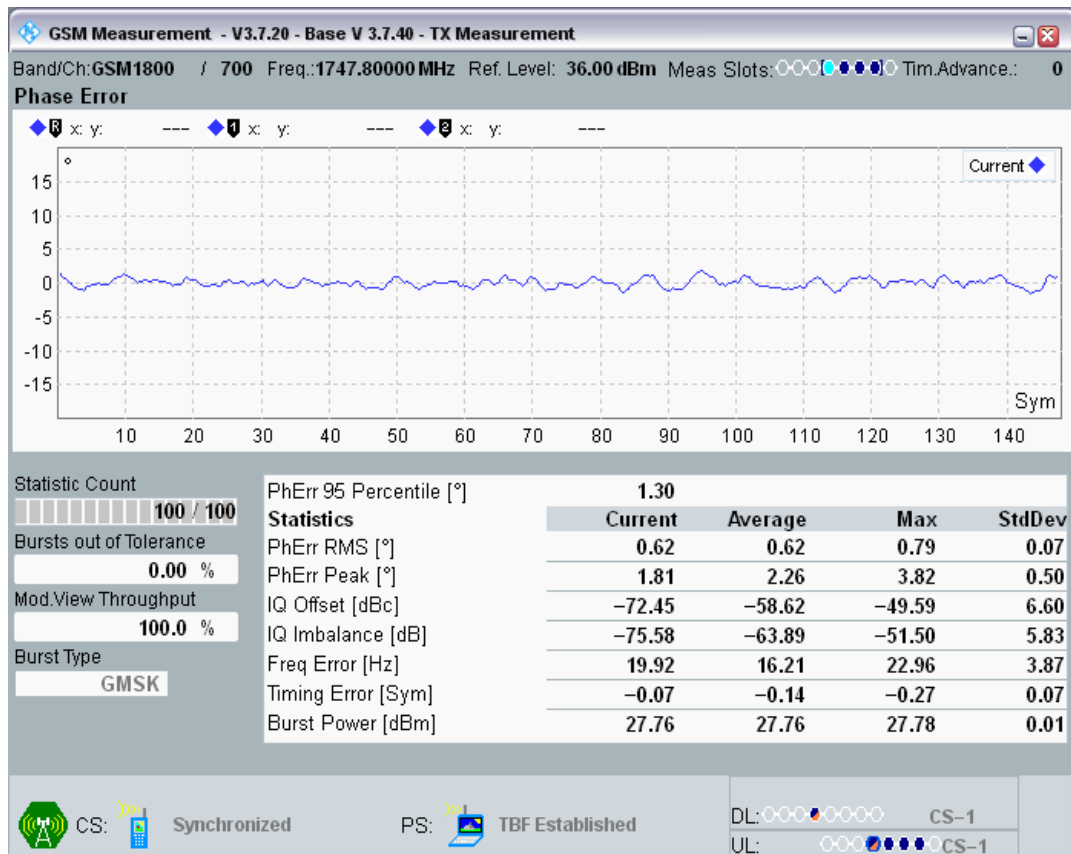
GSM900 Channel=975 Gamma=3;3;3;3.png



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.png

