Appendix A: Conducted Output Power

Test Result

Band	Channel	PCL	Power(dBm)	Limit(dBm)	Verdict
GSM850	128	5	31.68	38.5	PASS
GSM850	190	5	31.67	38.5	PASS
GSM850	251	5	31.61	38.5	PASS
GSM1900	512	0	30.40	33	PASS
GSM1900	661	0	30.19	33	PASS
GSM1900	810	0	30.39	33	PASS

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	3	1	31.72	38.5	PASS
GPRS850	128	3	2	30.72	38.5	PASS
GPRS850	128	3	3	28.88	38.5	PASS
GPRS850	128	3	4	27.77	38.5	PASS
GPRS850	190	3	1	31.65	38.5	PASS
GPRS850	190	3	2	30.66	38.5	PASS
GPRS850	190	3	3	28.87	38.5	PASS
GPRS850	190	3	4	27.76	38.5	PASS
GPRS850	251	3	1	31.58	38.5	PASS
GPRS850	251	3	2	30.63	38.5	PASS
GPRS850	251	3	3	28.85	38.5	PASS
GPRS850	251	3	4	27.78	38.5	PASS
GPRS1900	512	3	1	30.30	33	PASS
GPRS1900	512	3	2	29.21	33	PASS
GPRS1900	512	3	3	27.31	33	PASS
GPRS1900	512	3	4	26.22	33	PASS
GPRS1900	661	3	1	30.48	33	PASS
GPRS1900	661	3	2	29.41	33	PASS
GPRS1900	661	3	3	27.44	33	PASS
GPRS1900	661	3	4	26.42	33	PASS
GPRS1900	810	3	1	30.33	33	PASS
GPRS1900	810	3	2	29.30	33	PASS
GPRS1900	810	3	3	27.35	33	PASS
GPRS1900	810	3	4	26.31	33	PASS

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	3	1	28.45	38.5	PASS
EGPRS850	128	3	2	27.58	38.5	PASS
EGPRS850	128	3	3	25.91	38.5	PASS

EGPRS850	128	3	4	24.73	38.5	PASS
EGPRS850	190	3	1	28.52	38.5	PASS
EGPRS850	190	3	2	27.70	38.5	PASS
EGPRS850	190	3	3	25.86	38.5	PASS
EGPRS850	190	3	4	24.90	38.5	PASS
EGPRS850	251	3	1	28.59	38.5	PASS
EGPRS850	251	3	2	27.69	38.5	PASS
EGPRS850	251	3	3	25.88	38.5	PASS
EGPRS850	251	3	4	24.87	38.5	PASS
EGPRS1900	512	3	1	29.05	33	PASS
EGPRS1900	512	3	2	27.72	33	PASS
EGPRS1900	512	3	3	24.85	33	PASS
EGPRS1900	512	3	4	23.55	33	PASS
EGPRS1900	661	3	1	29.08	33	PASS
EGPRS1900	661	3	2	27.09	33	PASS
EGPRS1900	661	3	3	25.08	33	PASS
EGPRS1900	661	3	4	23.75	33	PASS
EGPRS1900	810	3	1	28.93	33	PASS
EGPRS1900	810	3	2	26.98	33	PASS
EGPRS1900	810	3	3	24.70	33	PASS
EGPRS1900	810	3	4	23.49	33	PASS

Appendix B: Peak-to-Average Ratio

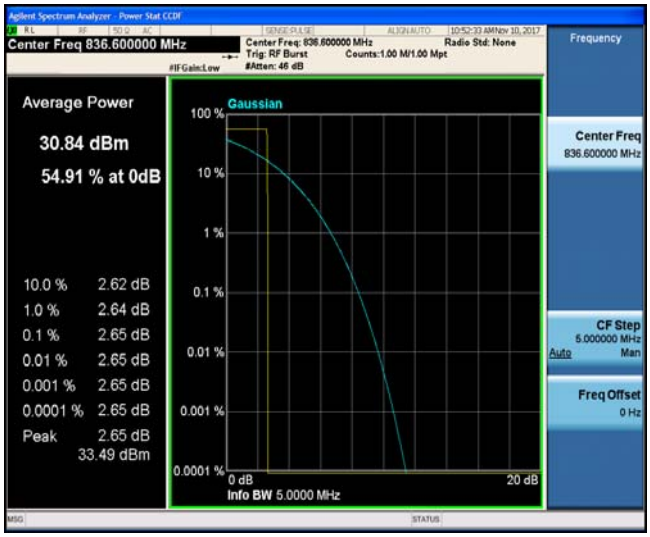
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
GSM850	128	2.65	13	PASS
GSM850	190	2.65	13	PASS
GSM850	251	2.65	13	PASS
GPRS850	128	2.64	13	PASS
GPRS850	190	2.65	13	PASS
GPRS850	251	2.65	13	PASS
EGPRS850	128	5.44	13	PASS
EGPRS850	190	5.41	13	PASS
EGPRS850	251	5.43	13	PASS
GSM1900	512	2.79	13	PASS
GSM1900	661	2.78	13	PASS
GSM1900	810	2.79	13	PASS
GPRS1900	512	2.79	13	PASS
GPRS1900	661	2.78	13	PASS
GPRS1900	810	2.79	13	PASS
EGPRS1900	512	6.16	13	PASS
EGPRS1900	661	6.12	13	PASS
EGPRS1900	810	6.20	13	PASS

Test Graphs

GSM850_128

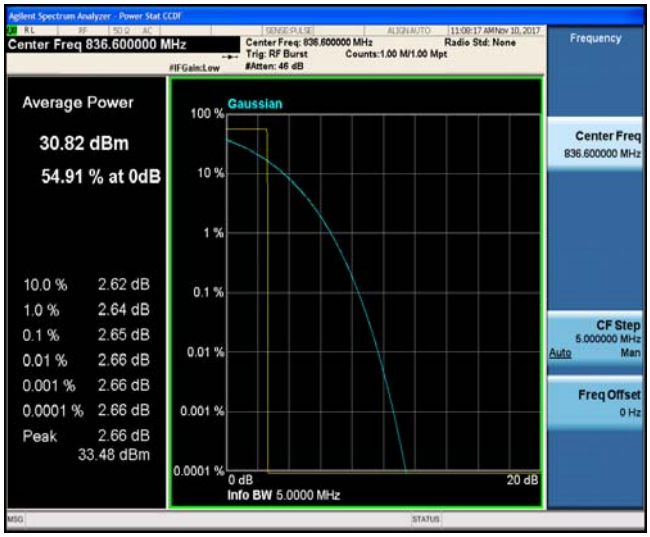
GSM850_190



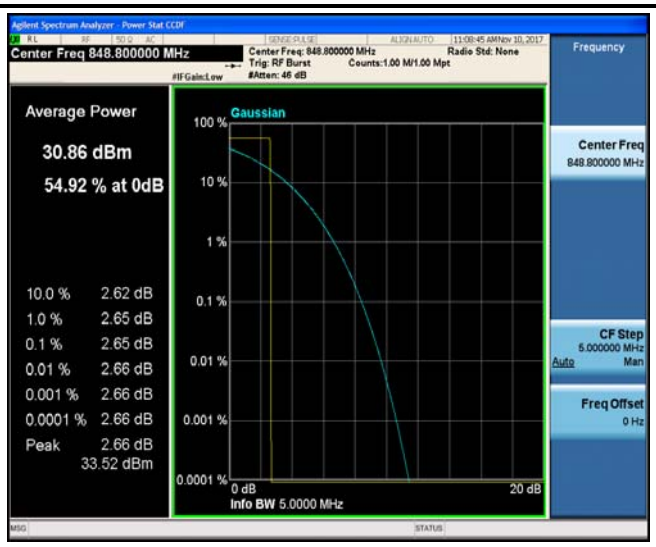
GSM850_251

GPRS850_128

GPRS850_190



GPRS850_251



EGPRS850_128

EGPRS850_190

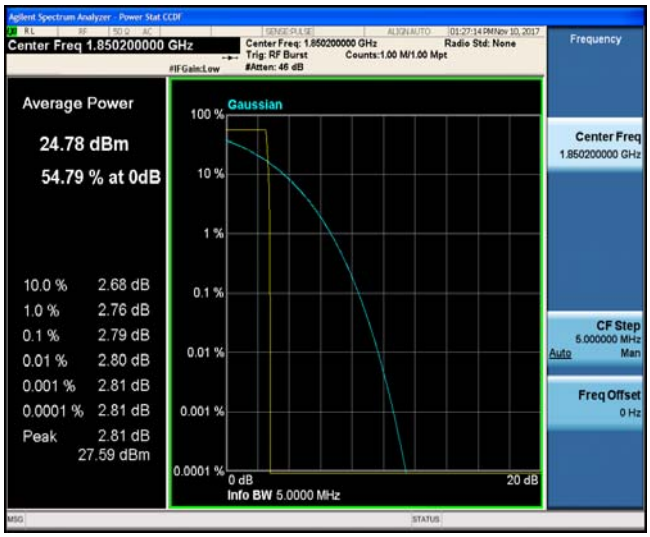
EGPRS850_251

GSM1900_512

GSM1900_661

GSM1900_810

GPRS1900_512



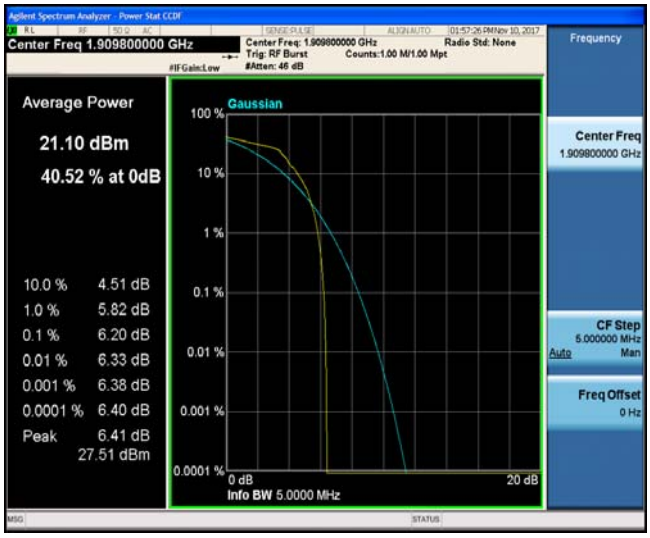
GPRS1900_661

GPRS1900_810

EGPRS1900_512

EGPRS1900_661

EGPRS1900_810


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.909800000 GHz
Center Freq: 1.909800000 GHz
Trig: RF Burst
Counts:1.00 M/1.00 Mpt
#Atten: 46 dB
Radio Std: None
Frequency
Average Power
21.10 dBm
40.52 % at 0dB
10.0 % 4.51 dB
1.0 % 5.82 dB
0.1 % 6.20 dB
0.01 % 6.33 dB
0.001 % 6.38 dB
0.0001 % 6.40 dB
Peak 6.41 dB
27.51 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 5.0000 MHz
Center Freq
1.909800000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	244.2	313	---	PASS
GSM850	190	248.0	314	---	PASS
GSM850	251	245.6	314	---	PASS
GPRS850	128	246.6	318	---	PASS
GPRS850	190	246.6	320	---	PASS
GPRS850	251	247.4	315	---	PASS
EGPRS850	128	249.7	317	---	PASS
EGPRS850	190	252.1	319	---	PASS
EGPRS850	251	251.2	322	---	PASS
GSM1900	512	244.7	314	---	PASS
GSM1900	661	245.8	315	---	PASS
GSM1900	810	245.6	312	---	PASS
GPRS1900	512	245.9	316	---	PASS
GPRS1900	661	244.9	310	---	PASS
GPRS1900	810	245.3	319	---	PASS
EGPRS1900	512	242.4	315	---	PASS
EGPRS1900	661	243.5	320	---	PASS
EGPRS1900	810	246.4	309	---	PASS

Test Graphs

GSM850_128

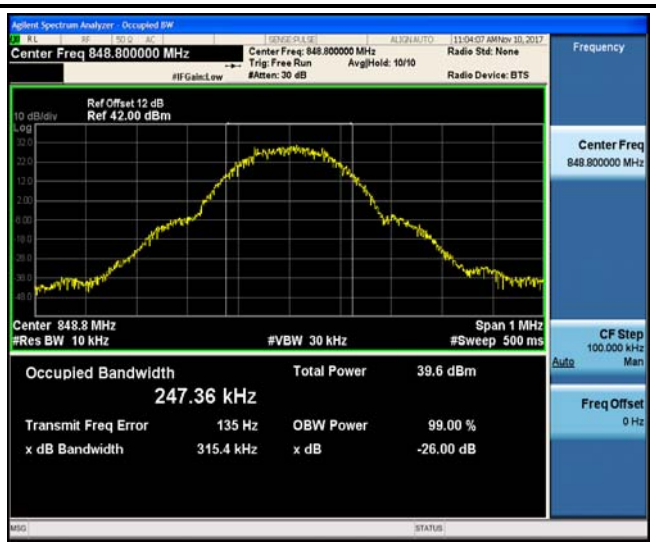
GSM850_190

GSM850_251

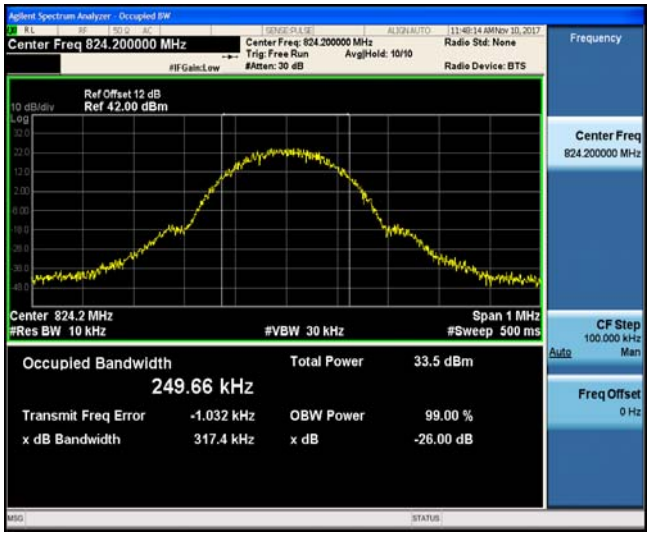
GPRS850_128

GPRS850_190

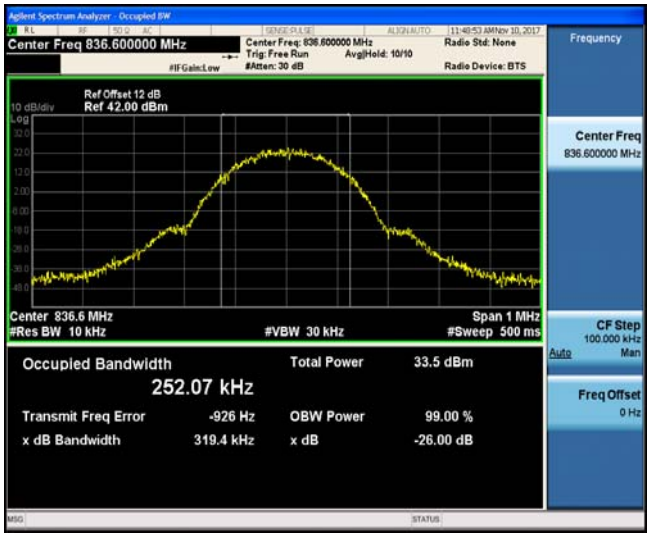
GPRS850_251



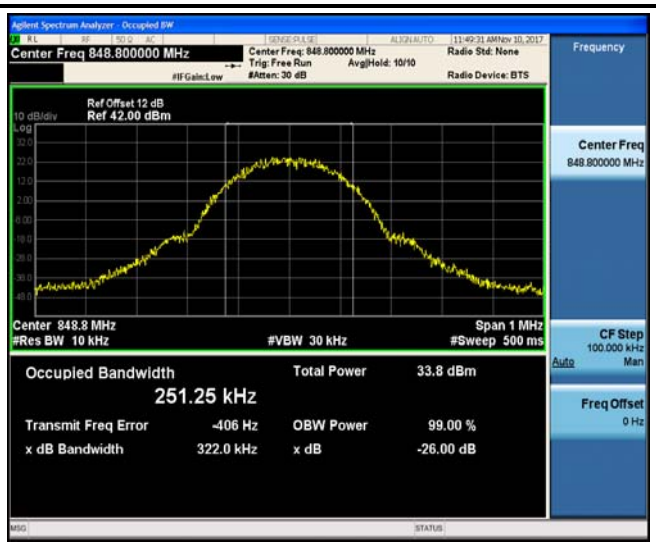
EGPRS850_128



EGPRS850_190



EGPRS850_251



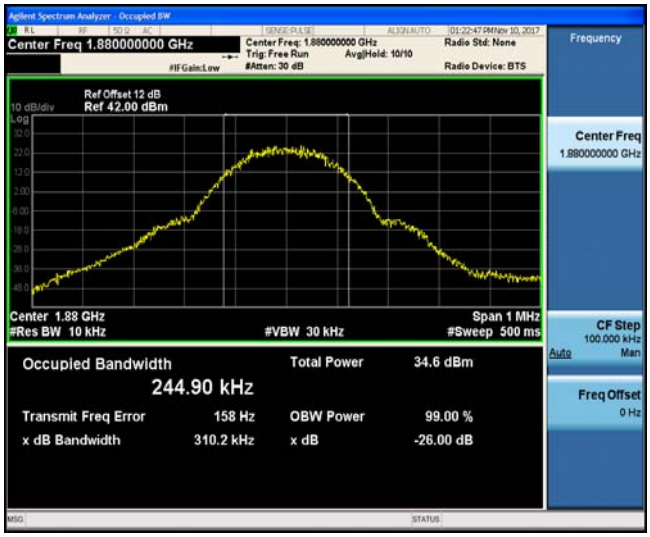
GSM1900_512

GSM1900_661

GSM1900_810

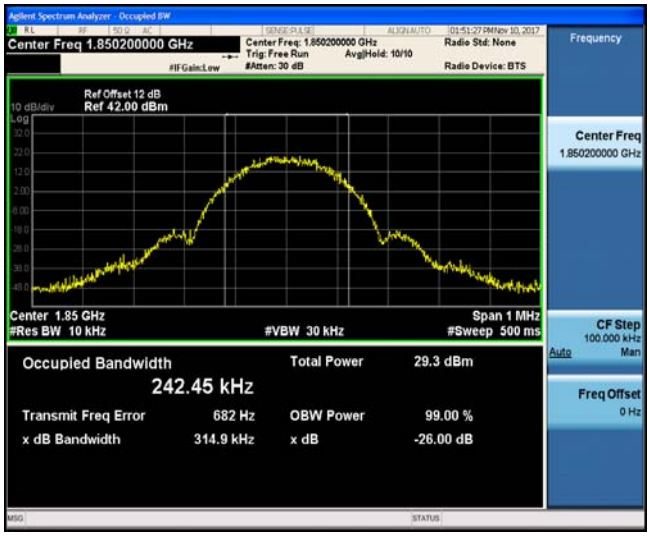
GPRS1900_512

GPRS1900_661

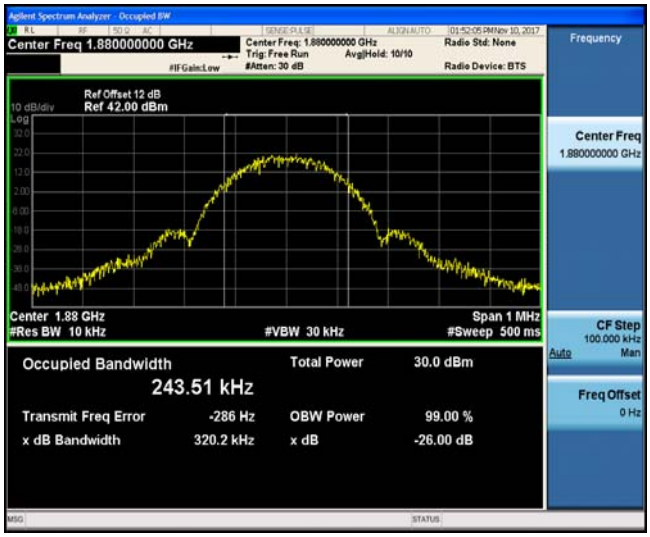


GPRS1900_810

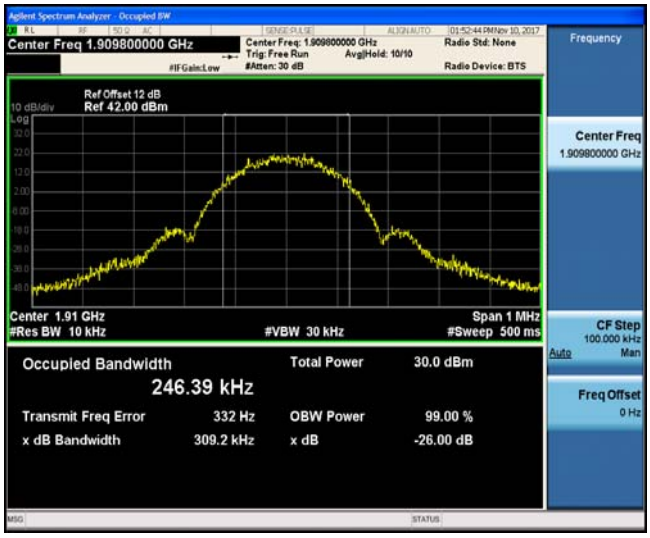
EGPRS1900_512



EGPRS1900_661



EGPRS1900_810


Agilent Spectrum Analyzer - Occupied BW
Center Freq 1.909800000 GHz
Center Freq: 1.909800000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 12 dB
10 dB/div
Ref 42.00 dBm
Center Freq
1.909800000 GHz
Center 1.91 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 1 MHz
#Sweep 500 ms
CF Step
100.000 kHz
Auto
Man
Occupied Bandwidth
246.39 kHz
Total Power
30.0 dBm
Transmit Freq Error
332 Hz
OBW Power
99.00 %
x dB Bandwidth
309.2 kHz
x dB
-26.00 dB
Freq Offset
0 Hz

Appendix D: Band Edge

Test Result

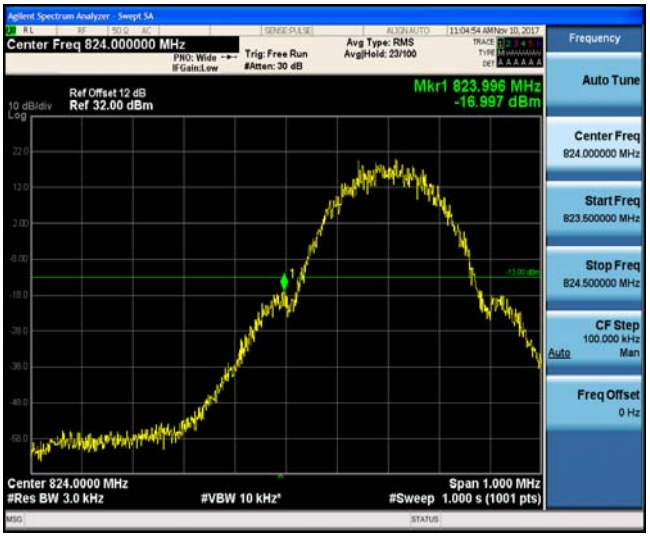
Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-16.66	-13	PASS
GSM850	251	-16.85	-13	PASS
GPRS850	128	-17.00	-13	PASS
GPRS850	251	-16.15	-13	PASS
EGPRS850	128	-27.68	-13	PASS
EGPRS850	251	-26.31	-13	PASS
GSM1900	512	-22.19	-13	PASS
GSM1900	810	-21.19	-13	PASS
GPRS1900	512	-23.22	-13	PASS
GPRS1900	810	-22.07	-13	PASS
EGPRS1900	512	-27.07	-13	PASS
EGPRS1900	810	-27.17	-13	PASS

Test Graphs

GSM850_128

GSM850_251

GPRS850_128



GPRS850_251

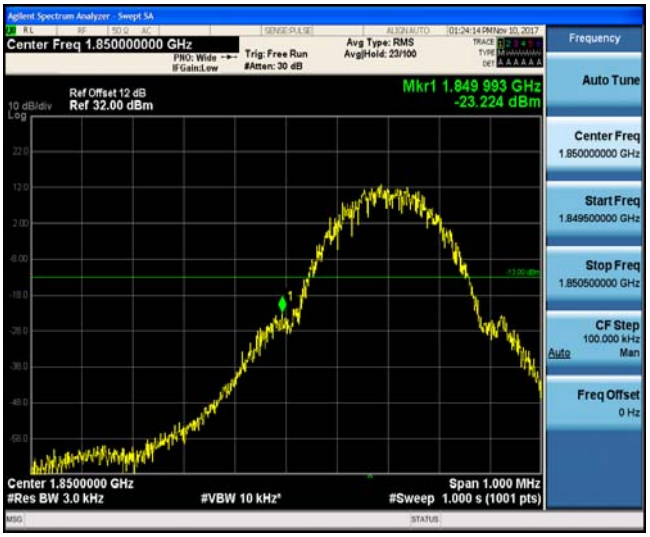
EGPRS850_128

EGPRS850_251

GSM1900_512

GSM1900_810

GPRS1900_512



GPRS1900_810

EGPRS1900_512

EGPRS1900_810

Agilent Spectrum Analyzer - Swept SA
Center Freq 1.910000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold: 23/100
01:54:10 PM Nov 10, 2017
Frequency
Auto Tune
Ref Offset 12 dB
10 dB/div
Ref 32.00 dBm
Log
Mkr1 1.910 012 GHz
-27.169 dBm
Center Freq
1.910000000 GHz
Start Freq
1.909500000 GHz
Stop Freq
1.910500000 GHz
CF Step
100.000 kHz
Auto
Man
Freq Offset
0 Hz
Center 1.9100000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz*
Span 1.000 MHz
#Sweep 1.000 s (1001 pts)

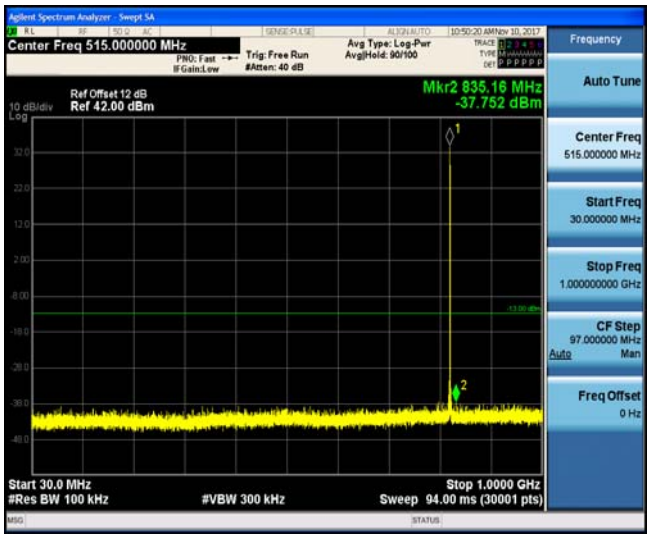
Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	30~1000	-37.75	-13	PASS
GSM850	128	1000~10000	-25.35	-13	PASS
GSM850	190	30~1000	-37.45	-13	PASS
GSM850	190	1000~10000	-25.32	-13	PASS
GSM850	251	30~1000	-38.06	-13	PASS
GSM850	251	1000~10000	-25.34	-13	PASS
GPRS850	128	30~1000	-37.38	-13	PASS
GPRS850	128	1000~10000	-25.68	-13	PASS
GPRS850	190	30~1000	-36.97	-13	PASS
GPRS850	190	1000~10000	-25.22	-13	PASS
GPRS850	251	30~1000	-37.32	-13	PASS
GPRS850	251	1000~10000	-24.95	-13	PASS
EGPRS850	128	30~1000	-37.65	-13	PASS
EGPRS850	128	1000~10000	-24.83	-13	PASS
EGPRS850	190	30~1000	-36.83	-13	PASS
EGPRS850	190	1000~10000	-24.28	-13	PASS
EGPRS850	251	30~1000	-37.88	-13	PASS
EGPRS850	251	1000~10000	-25.45	-13	PASS
GSM1900	512	30~1000	-37.72	-13	PASS
GSM1900	512	1000~20000	-18.95	-13	PASS
GSM1900	661	30~1000	-37.03	-13	PASS
GSM1900	661	1000~20000	-19.18	-13	PASS
GSM1900	810	30~1000	-37.34	-13	PASS
GSM1900	810	1000~20000	-18.92	-13	PASS
GPRS1900	512	30~1000	-38.59	-13	PASS
GPRS1900	512	1000~20000	-18.94	-13	PASS
GPRS1900	661	30~1000	-38.14	-13	PASS
GPRS1900	661	1000~20000	-18.22	-13	PASS
GPRS1900	810	30~1000	-38.55	-13	PASS
GPRS1900	810	1000~20000	-18.75	-13	PASS
EGPRS1900	512	30~1000	-37.07	-13	PASS
EGPRS1900	512	1000~20000	-18.78	-13	PASS
EGPRS1900	661	30~1000	-37.88	-13	PASS
EGPRS1900	661	1000~20000	-18.95	-13	PASS
EGPRS1900	810	30~1000	-37.86	-13	PASS
EGPRS1900	810	1000~20000	-17.99	-13	PASS

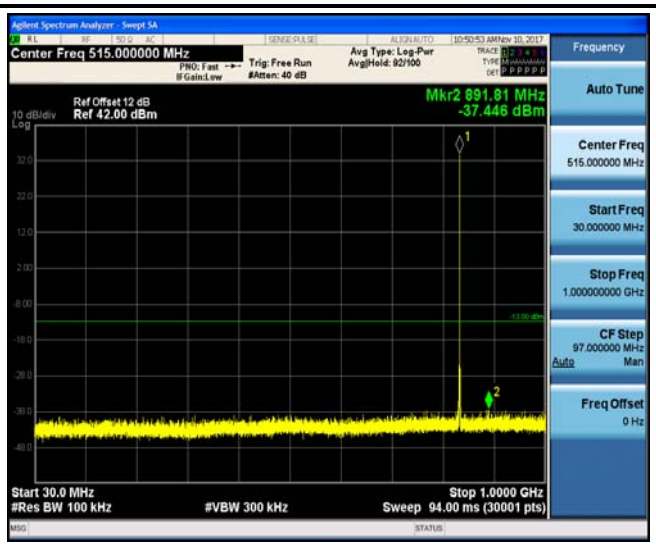
Test Graphs

GSM850_128



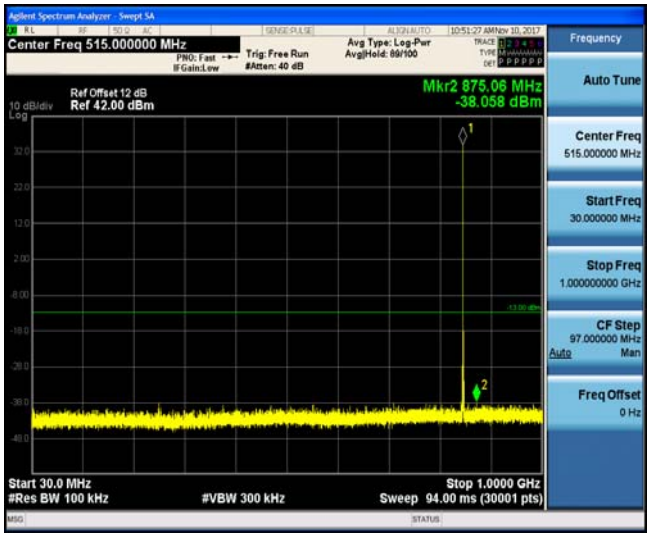
GSM850_128

GSM850_190



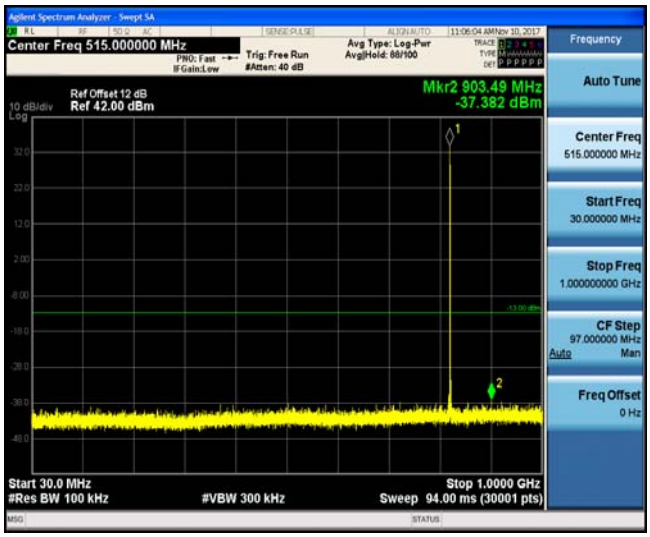
GSM850_190

GSM850_251



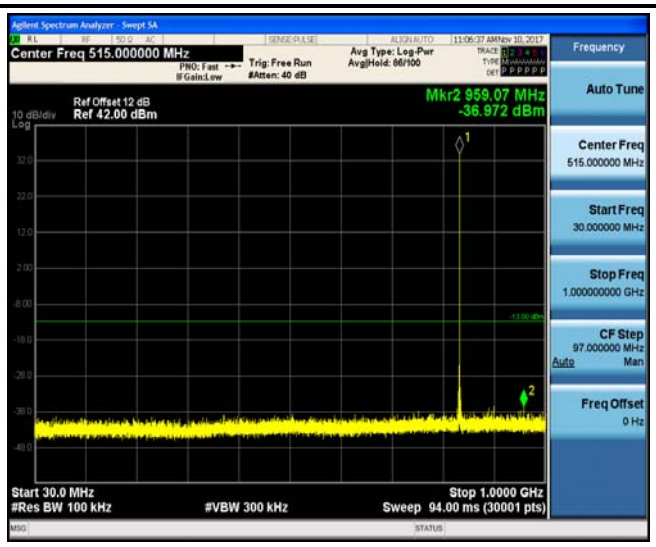
GSM850_251

GPRS850_128



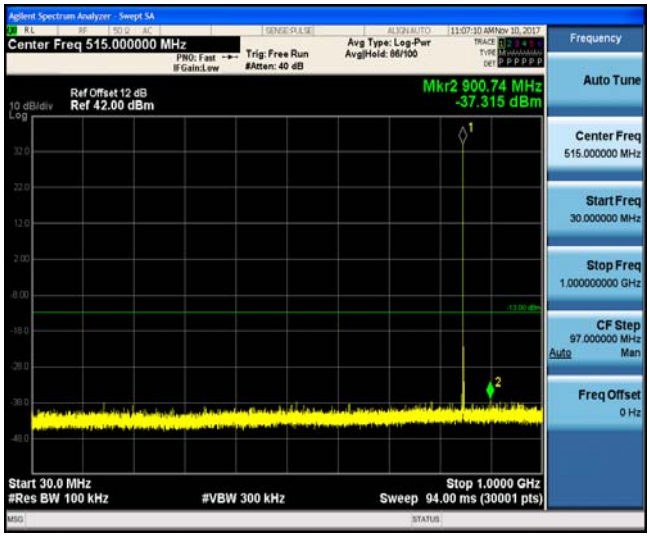
GPRS850_128

GPRS850_190

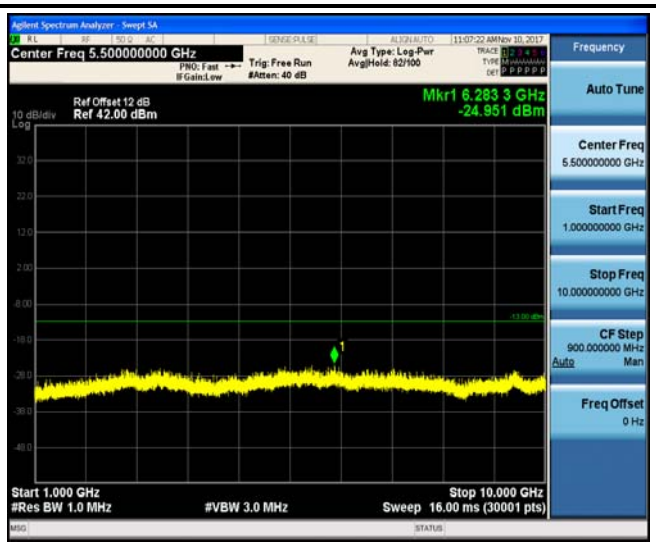


GPRS850_190

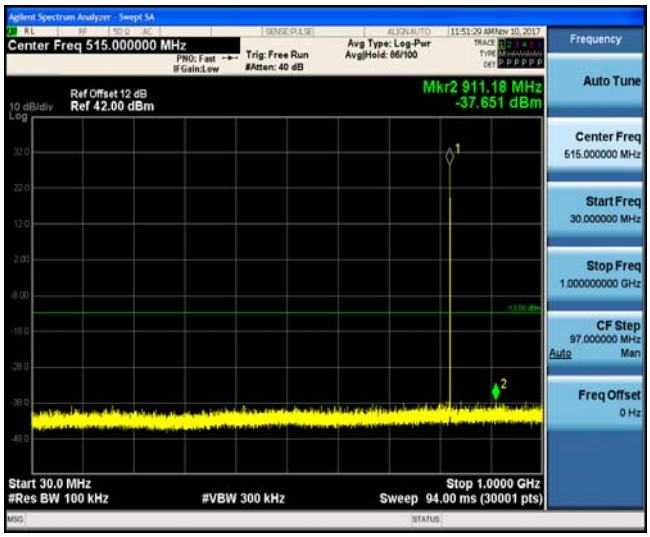
GPRS850_251



GPRS850_251

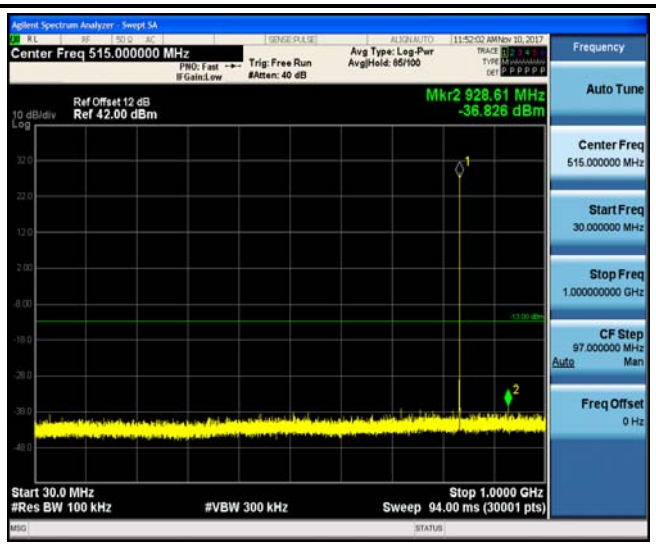


EGPRS850_128



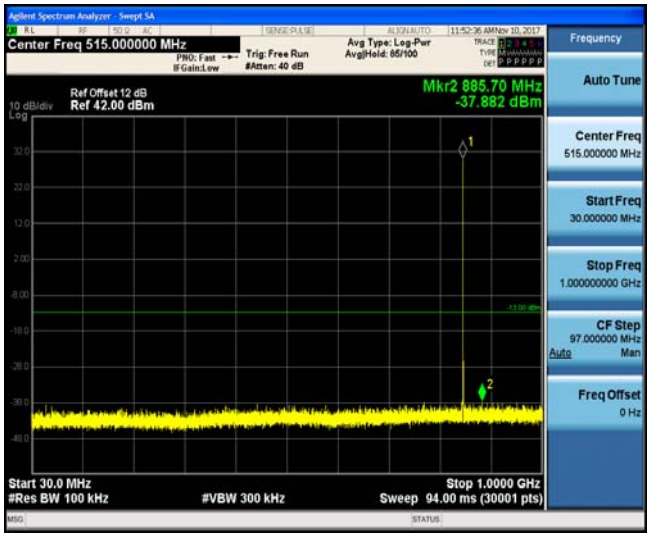
EGPRS850_128

EGPRS850_190

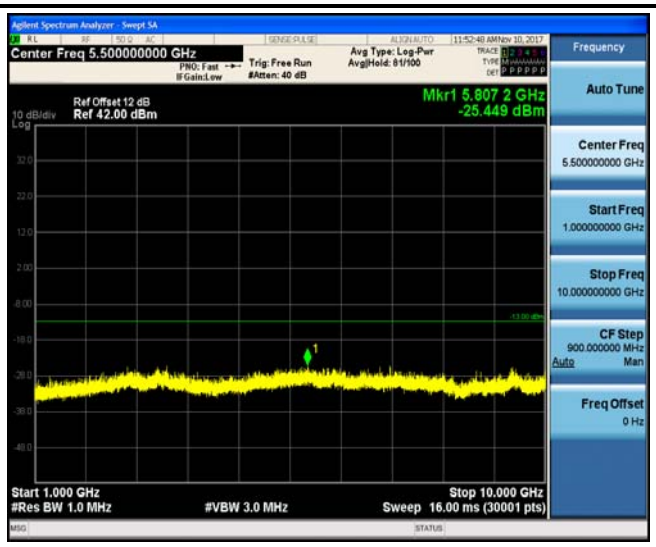


EGPRS850_190

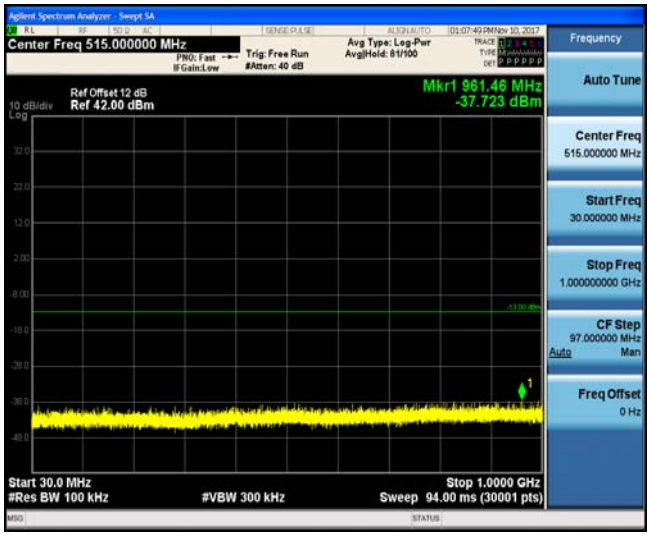
EGPRS850_251



EGPRS850_251

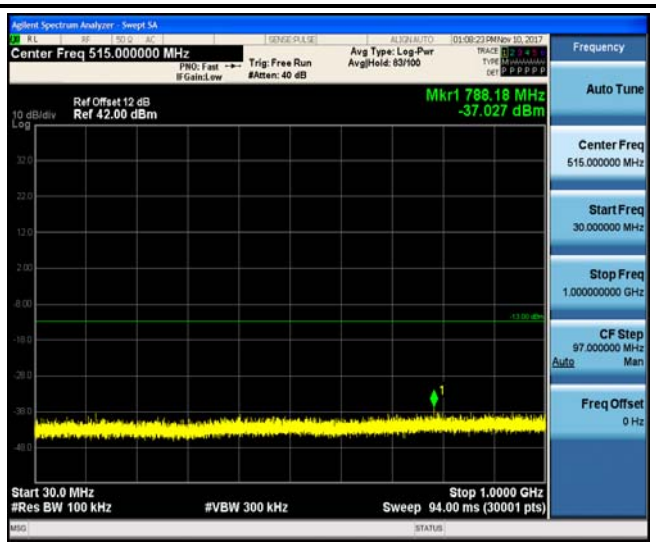


GSM1900_512



GSM1900_512

GSM1900_661



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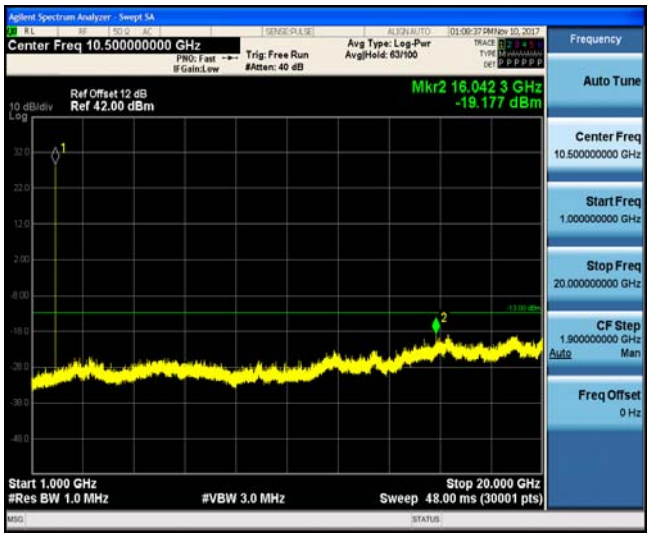
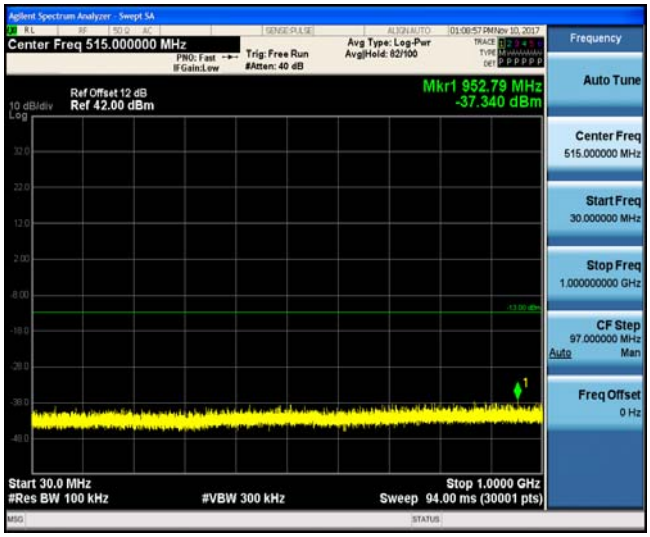


GSM1900_810



GSM1900_810

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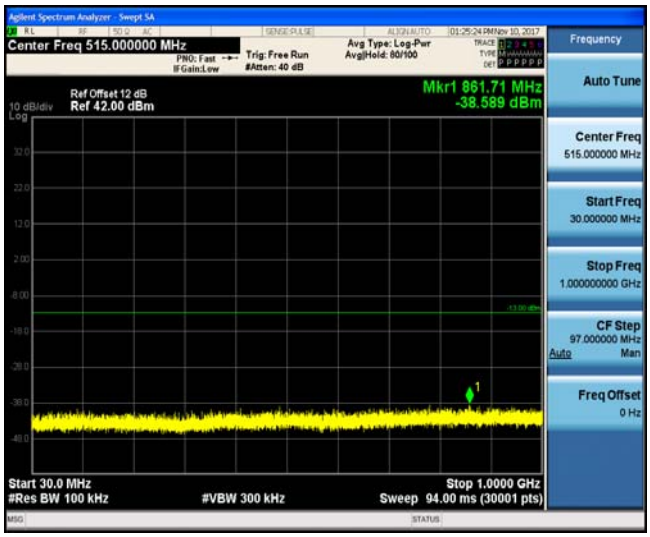
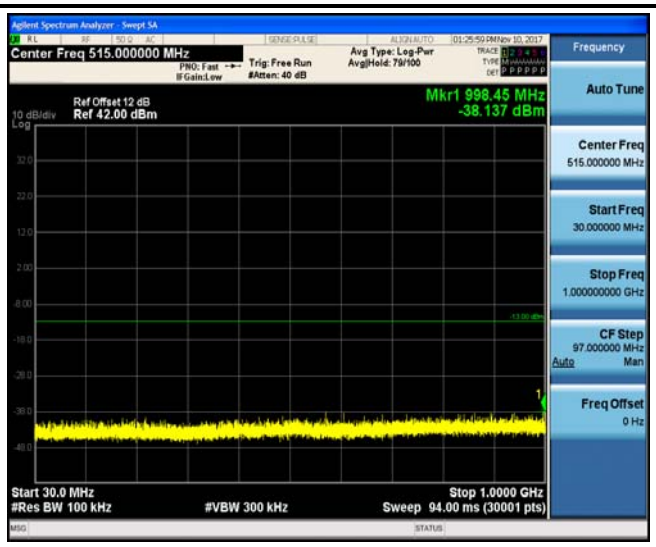


GPRS1900_512

GPRS1900_661



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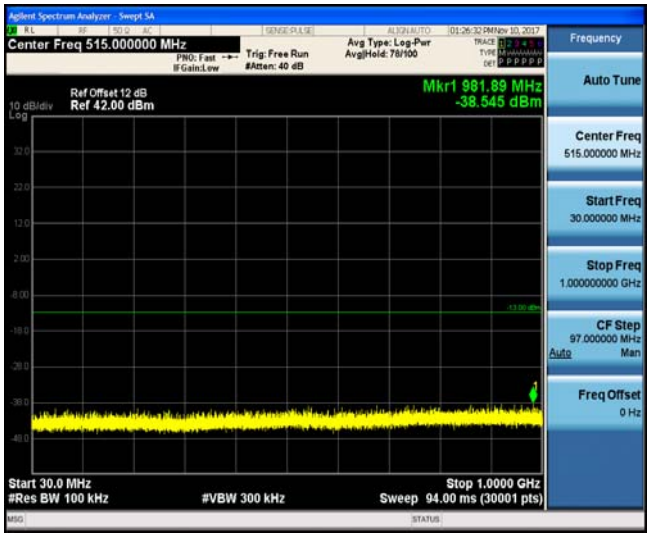
GPRS1900_810



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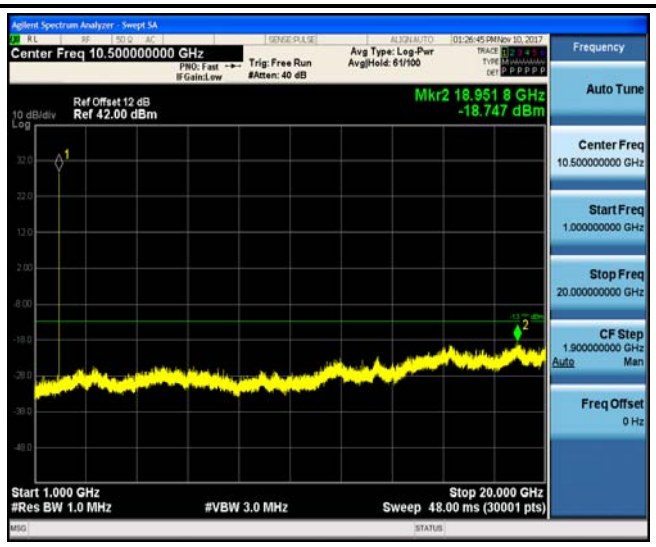

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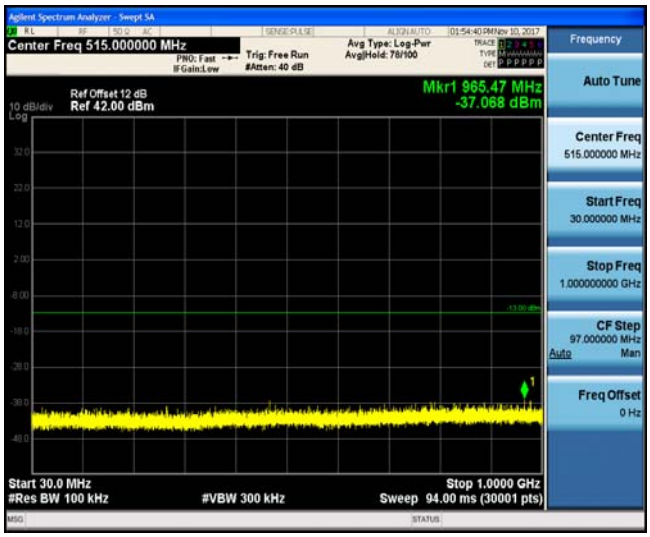

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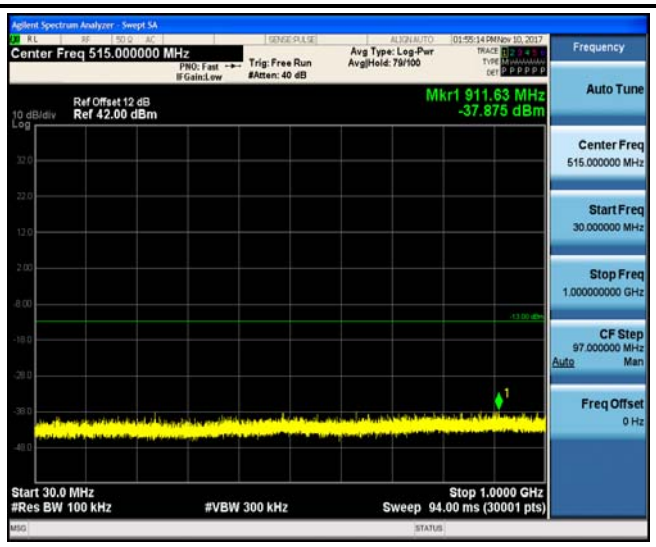

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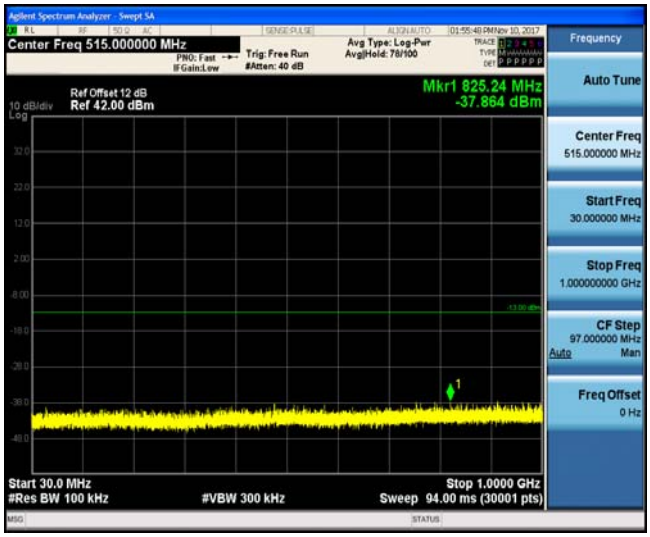

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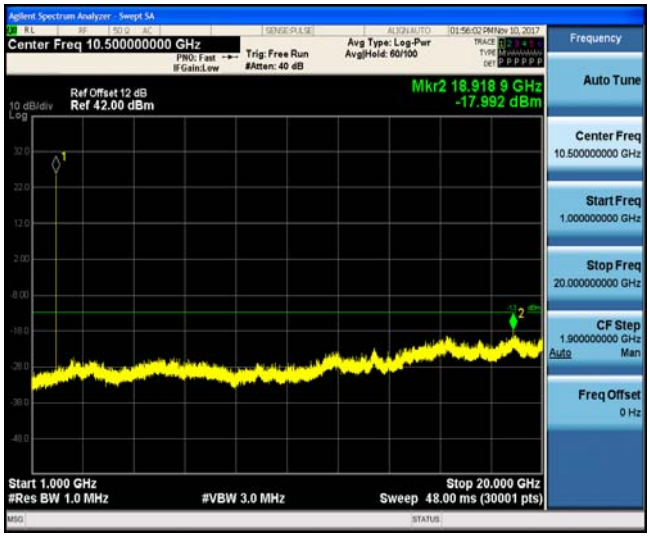
Agilent Spectrum Analyzer - Swept SA
Center Freq 10.500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: Log-Pwr
Avg|Hold: 60/100
01:56:02 PM Nov 10, 2017
Frequency
Auto Tune
Ref Offset 12 dB
10 dB/div
Ref 42.00 dBm
Log
Mkr2 18.918 9 GHz
-17.992 dBm
Center Freq
10.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
20.000000000 GHz
CF Step
1.900000000 GHz
Auto
Man
Freq Offset
0 Hz
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 20.000 GHz
Sweep 48.00 ms (30001 pts)

Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	13.56	0.016452	2.5	PASS
GSM850	128	VN	NT	15.69	0.019037	2.5	PASS
GSM850	128	VH	NT	15.17	0.018406	2.5	PASS
GSM850	190	VL	NT	7.75	0.009264	2.5	PASS
GSM850	190	VN	NT	6.59	0.007877	2.5	PASS
GSM850	190	VH	NT	7.55	0.009025	2.5	PASS
GSM850	251	VL	NT	14.72	0.017342	2.5	PASS
GSM850	251	VN	NT	13.56	0.015975	2.5	PASS
GSM850	251	VH	NT	15.63	0.018414	2.5	PASS
GPRS850	128	VL	NT	9.49	0.011514	2.5	PASS
GPRS850	128	VN	NT	11.95	0.014499	2.5	PASS
GPRS850	128	VH	NT	6.72	0.008153	2.5	PASS
GPRS850	190	VL	NT	6.78	0.008104	2.5	PASS
GPRS850	190	VN	NT	6.13	0.007327	2.5	PASS
GPRS850	190	VH	NT	6.33	0.007566	2.5	PASS
GPRS850	251	VL	NT	12.07	0.014220	2.5	PASS
GPRS850	251	VN	NT	13.37	0.015752	2.5	PASS
GPRS850	251	VH	NT	10.14	0.011946	2.5	PASS
EGPRS850	128	VL	NT	11.59	0.014062	2.5	PASS
EGPRS850	128	VN	NT	8.43	0.010228	2.5	PASS
EGPRS850	128	VH	NT	9.62	0.011672	2.5	PASS
EGPRS850	190	VL	NT	11.85	0.014164	2.5	PASS
EGPRS850	190	VN	NT	10.65	0.012730	2.5	PASS
EGPRS850	190	VH	NT	10.72	0.012814	2.5	PASS
EGPRS850	251	VL	NT	12.30	0.014491	2.5	PASS
EGPRS850	251	VN	NT	12.66	0.014915	2.5	PASS
EGPRS850	251	VH	NT	15.17	0.017872	2.5	PASS
GSM1900	512	VL	NT	36.22	0.019576	2.5	PASS
GSM1900	512	VN	NT	35.19	0.019020	2.5	PASS
GSM1900	512	VH	NT	29.12	0.015739	2.5	PASS
GSM1900	661	VL	NT	39.91	0.021229	2.5	PASS
GSM1900	661	VN	NT	35.45	0.018856	2.5	PASS
GSM1900	661	VH	NT	34.87	0.018548	2.5	PASS
GSM1900	810	VL	NT	35.64	0.018662	2.5	PASS
GSM1900	810	VN	NT	39.52	0.020693	2.5	PASS
GSM1900	810	VH	NT	38.16	0.019981	2.5	PASS
GPRS1900	512	VL	NT	25.05	0.013539	2.5	PASS
GPRS1900	512	VN	NT	31.25	0.016890	2.5	PASS
GPRS1900	512	VH	NT	30.35	0.016404	2.5	PASS
GPRS1900	661	VL	NT	29.83	0.015867	2.5	PASS

GPRS1900	661	VN	NT	32.67	0.017378	2.5	PASS
GPRS1900	661	VH	NT	32.61	0.017346	2.5	PASS
GPRS1900	810	VL	NT	30.74	0.016096	2.5	PASS
GPRS1900	810	VN	NT	27.06	0.014169	2.5	PASS
GPRS1900	810	VH	NT	28.67	0.015012	2.5	PASS
EGPRS1900	512	VL	NT	29.57	0.015982	2.5	PASS
EGPRS1900	512	VN	NT	28.73	0.015528	2.5	PASS
EGPRS1900	512	VH	NT	30.09	0.016263	2.5	PASS
EGPRS1900	661	VL	NT	30.45	0.016197	2.5	PASS
EGPRS1900	661	VN	NT	31.12	0.016553	2.5	PASS
EGPRS1900	661	VH	NT	29.64	0.015766	2.5	PASS
EGPRS1900	810	VL	NT	32.87	0.017211	2.5	PASS
EGPRS1900	810	VN	NT	30.99	0.016227	2.5	PASS
EGPRS1900	810	VH	NT	30.83	0.016143	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	14.72	0.017860	2.5	PASS
GSM850	128	NV	-20	6.20	0.007522	2.5	PASS
GSM850	128	NV	-10	14.72	0.017860	2.5	PASS
GSM850	128	NV	0	11.36	0.013783	2.5	PASS
GSM850	128	NV	10	13.04	0.015821	2.5	PASS
GSM850	128	NV	20	5.88	0.007134	2.5	PASS
GSM850	128	NV	30	6.97	0.008457	2.5	PASS
GSM850	128	NV	40	14.01	0.016998	2.5	PASS
GSM850	128	NV	50	6.59	0.007996	2.5	PASS
GSM850	190	NV	-30	6.07	0.007256	2.5	PASS
GSM850	190	NV	-20	7.88	0.009419	2.5	PASS
GSM850	190	NV	-10	7.30	0.008726	2.5	PASS
GSM850	190	NV	0	8.07	0.009646	2.5	PASS
GSM850	190	NV	10	7.49	0.008953	2.5	PASS
GSM850	190	NV	20	8.52	0.010184	2.5	PASS
GSM850	190	NV	30	8.39	0.010029	2.5	PASS
GSM850	190	NV	40	6.59	0.007877	2.5	PASS
GSM850	190	NV	50	7.17	0.008570	2.5	PASS
GSM850	251	NV	-30	13.69	0.016129	2.5	PASS
GSM850	251	NV	-20	15.95	0.018791	2.5	PASS
GSM850	251	NV	-10	14.72	0.017342	2.5	PASS
GSM850	251	NV	0	12.79	0.015068	2.5	PASS
GSM850	251	NV	10	16.47	0.019404	2.5	PASS
GSM850	251	NV	20	14.21	0.016741	2.5	PASS
GSM850	251	NV	30	16.72	0.019698	2.5	PASS
GSM850	251	NV	40	15.56	0.018332	2.5	PASS
GSM850	251	NV	50	14.85	0.017495	2.5	PASS
GPRS850	128	NV	-30	3.62	0.004392	2.5	PASS
GPRS850	128	NV	-20	2.52	0.003058	2.5	PASS
GPRS850	128	NV	-10	2.13	0.002584	2.5	PASS
GPRS850	128	NV	0	4.58	0.005557	2.5	PASS

GPRS850	128	NV	10	3.49	0.004234	2.5	PASS
GPRS850	128	NV	20	2.71	0.003288	2.5	PASS
GPRS850	128	NV	30	2.91	0.003531	2.5	PASS
GPRS850	128	NV	40	7.30	0.008857	2.5	PASS
GPRS850	128	NV	50	7.04	0.008542	2.5	PASS
GPRS850	190	NV	-30	5.04	0.006024	2.5	PASS
GPRS850	190	NV	-20	5.17	0.006180	2.5	PASS
GPRS850	190	NV	-10	5.75	0.006873	2.5	PASS
GPRS850	190	NV	0	5.49	0.006562	2.5	PASS
GPRS850	190	NV	10	5.55	0.006634	2.5	PASS
GPRS850	190	NV	20	8.01	0.009574	2.5	PASS
GPRS850	190	NV	30	4.58	0.005475	2.5	PASS
GPRS850	190	NV	40	7.75	0.009264	2.5	PASS
GPRS850	190	NV	50	4.07	0.004865	2.5	PASS
GPRS850	251	NV	-30	11.43	0.013466	2.5	PASS
GPRS850	251	NV	-20	11.04	0.013007	2.5	PASS
GPRS850	251	NV	-10	10.72	0.012630	2.5	PASS
GPRS850	251	NV	0	10.46	0.012323	2.5	PASS
GPRS850	251	NV	10	10.85	0.012783	2.5	PASS
GPRS850	251	NV	20	11.36	0.013384	2.5	PASS
GPRS850	251	NV	30	14.40	0.016965	2.5	PASS
GPRS850	251	NV	40	10.46	0.012323	2.5	PASS
GPRS850	251	NV	50	13.04	0.015363	2.5	PASS
EGPRS850	128	NV	-30	9.91	0.012024	2.5	PASS
EGPRS850	128	NV	-20	8.68	0.010531	2.5	PASS
EGPRS850	128	NV	-10	8.56	0.010386	2.5	PASS
EGPRS850	128	NV	0	12.27	0.014887	2.5	PASS
EGPRS850	128	NV	10	7.30	0.008857	2.5	PASS
EGPRS850	128	NV	20	11.56	0.014026	2.5	PASS
EGPRS850	128	NV	30	11.14	0.013516	2.5	PASS
EGPRS850	128	NV	40	13.53	0.016416	2.5	PASS
EGPRS850	128	NV	50	11.07	0.013431	2.5	PASS
EGPRS850	190	NV	-30	9.14	0.010925	2.5	PASS
EGPRS850	190	NV	-20	9.07	0.010842	2.5	PASS
EGPRS850	190	NV	-10	9.23	0.011033	2.5	PASS
EGPRS850	190	NV	0	9.01	0.010770	2.5	PASS
EGPRS850	190	NV	10	13.46	0.016089	2.5	PASS
EGPRS850	190	NV	20	13.04	0.015587	2.5	PASS
EGPRS850	190	NV	30	13.95	0.016675	2.5	PASS
EGPRS850	190	NV	40	12.75	0.015240	2.5	PASS
EGPRS850	190	NV	50	12.82	0.015324	2.5	PASS
EGPRS850	251	NV	-30	15.53	0.018296	2.5	PASS
EGPRS850	251	NV	-20	12.62	0.014868	2.5	PASS
EGPRS850	251	NV	-10	12.72	0.014986	2.5	PASS
EGPRS850	251	NV	0	12.33	0.014526	2.5	PASS
EGPRS850	251	NV	10	16.79	0.019781	2.5	PASS
EGPRS850	251	NV	20	13.14	0.015481	2.5	PASS
EGPRS850	251	NV	30	13.17	0.015516	2.5	PASS
EGPRS850	251	NV	40	12.95	0.015257	2.5	PASS
EGPRS850	251	NV	50	12.62	0.014868	2.5	PASS

GSM1900	512	NV	-30	24.21	0.013085	2.5	PASS
GSM1900	512	NV	-20	23.89	0.012912	2.5	PASS
GSM1900	512	NV	-10	37.52	0.020279	2.5	PASS
GSM1900	512	NV	0	39.39	0.021290	2.5	PASS
GSM1900	512	NV	10	39.58	0.021392	2.5	PASS
GSM1900	512	NV	20	39.20	0.021187	2.5	PASS
GSM1900	512	NV	30	36.68	0.019825	2.5	PASS
GSM1900	512	NV	40	37.77	0.020414	2.5	PASS
GSM1900	512	NV	50	40.16	0.021706	2.5	PASS
GSM1900	661	NV	-30	35.71	0.018995	2.5	PASS
GSM1900	661	NV	-20	35.71	0.018995	2.5	PASS
GSM1900	661	NV	-10	35.97	0.019133	2.5	PASS
GSM1900	661	NV	0	37.06	0.019713	2.5	PASS
GSM1900	661	NV	10	36.68	0.019511	2.5	PASS
GSM1900	661	NV	20	35.51	0.018888	2.5	PASS
GSM1900	661	NV	30	37.84	0.020128	2.5	PASS
GSM1900	661	NV	40	37.52	0.019957	2.5	PASS
GSM1900	661	NV	50	37.65	0.020027	2.5	PASS
GSM1900	810	NV	-30	38.16	0.019981	2.5	PASS
GSM1900	810	NV	-20	37.90	0.019845	2.5	PASS
GSM1900	810	NV	-10	38.36	0.020086	2.5	PASS
GSM1900	810	NV	0	33.58	0.017583	2.5	PASS
GSM1900	810	NV	10	36.48	0.019101	2.5	PASS
GSM1900	810	NV	20	33.64	0.017614	2.5	PASS
GSM1900	810	NV	30	36.22	0.018965	2.5	PASS
GSM1900	810	NV	40	34.03	0.017819	2.5	PASS
GSM1900	810	NV	50	34.61	0.018122	2.5	PASS
GPRS1900	512	NV	-30	31.90	0.017241	2.5	PASS
GPRS1900	512	NV	-20	26.35	0.014242	2.5	PASS
GPRS1900	512	NV	-10	33.84	0.018290	2.5	PASS
GPRS1900	512	NV	0	32.35	0.017485	2.5	PASS
GPRS1900	512	NV	10	29.12	0.015739	2.5	PASS
GPRS1900	512	NV	20	29.77	0.016090	2.5	PASS
GPRS1900	512	NV	30	28.67	0.015496	2.5	PASS
GPRS1900	512	NV	40	26.99	0.014588	2.5	PASS
GPRS1900	512	NV	50	33.32	0.018009	2.5	PASS
GPRS1900	661	NV	-30	30.48	0.016213	2.5	PASS
GPRS1900	661	NV	-20	31.77	0.016899	2.5	PASS
GPRS1900	661	NV	-10	31.25	0.016622	2.5	PASS
GPRS1900	661	NV	0	30.28	0.016106	2.5	PASS
GPRS1900	661	NV	10	31.58	0.016798	2.5	PASS
GPRS1900	661	NV	20	32.16	0.017106	2.5	PASS
GPRS1900	661	NV	30	29.32	0.015596	2.5	PASS
GPRS1900	661	NV	40	29.19	0.015527	2.5	PASS
GPRS1900	661	NV	50	30.35	0.016144	2.5	PASS
GPRS1900	810	NV	-30	31.12	0.016295	2.5	PASS
GPRS1900	810	NV	-20	32.93	0.017243	2.5	PASS
GPRS1900	810	NV	-10	31.77	0.016635	2.5	PASS
GPRS1900	810	NV	0	22.99	0.012038	2.5	PASS
GPRS1900	810	NV	10	33.06	0.017311	2.5	PASS

GPRS1900	810	NV	20	31.19	0.016332	2.5	PASS
GPRS1900	810	NV	30	30.54	0.015991	2.5	PASS
GPRS1900	810	NV	40	27.12	0.014200	2.5	PASS
GPRS1900	810	NV	50	31.51	0.016499	2.5	PASS
EGPRS1900	512	NV	-30	22.60	0.012215	2.5	PASS
EGPRS1900	512	NV	-20	15.08	0.008150	2.5	PASS
EGPRS1900	512	NV	-10	12.40	0.006702	2.5	PASS
EGPRS1900	512	NV	0	18.89	0.010210	2.5	PASS
EGPRS1900	512	NV	10	11.33	0.006124	2.5	PASS
EGPRS1900	512	NV	20	17.43	0.009421	2.5	PASS
EGPRS1900	512	NV	30	16.01	0.008653	2.5	PASS
EGPRS1900	512	NV	40	15.92	0.008604	2.5	PASS
EGPRS1900	512	NV	50	9.98	0.005394	2.5	PASS
EGPRS1900	661	NV	-30	33.87	0.018016	2.5	PASS
EGPRS1900	661	NV	-20	24.83	0.013207	2.5	PASS
EGPRS1900	661	NV	-10	34.38	0.018287	2.5	PASS
EGPRS1900	661	NV	0	32.03	0.017037	2.5	PASS
EGPRS1900	661	NV	10	25.44	0.013532	2.5	PASS
EGPRS1900	661	NV	20	36.77	0.019559	2.5	PASS
EGPRS1900	661	NV	30	34.87	0.018548	2.5	PASS
EGPRS1900	661	NV	40	35.97	0.019133	2.5	PASS
EGPRS1900	661	NV	50	35.32	0.018787	2.5	PASS
EGPRS1900	810	NV	-30	28.80	0.015080	2.5	PASS
EGPRS1900	810	NV	-20	32.16	0.016839	2.5	PASS
EGPRS1900	810	NV	-10	31.35	0.016415	2.5	PASS
EGPRS1900	810	NV	0	34.09	0.017850	2.5	PASS
EGPRS1900	810	NV	10	27.83	0.014572	2.5	PASS
EGPRS1900	810	NV	20	26.99	0.014132	2.5	PASS
EGPRS1900	810	NV	30	26.89	0.014080	2.5	PASS
EGPRS1900	810	NV	40	33.38	0.017478	2.5	PASS
EGPRS1900	810	NV	50	31.61	0.016551	2.5	PASS