



Manufacturer	Honeywell
Model	GSMVLP
CTIA Request #	18791
Serial Number/ESN/IMEI	012129.00.000077.05
FCC ID Number	QIPMC55i
Hardware Version	3, MC55i: B2.1.2
Software Version	2; MC55i: Revision 01.201
Configuration of Primary Mechanical Mode	N/A
CTIA Test Plan Revision	2.2.2
Test date	11/16/09 – 11/18/09

**TABLE: B1 SUMMATION TEST REPORT - GSM**

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	TRP (dBm)		NHPRP ±45° (dBm)		NHPRP ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GSM 850	128	824.20	N/A	28.16	L:N/A R:N/A	26.98	L:N/A R:N/A	25.58	L:N/A R:N/A
	190	836.60	N/A	28.57	L:N/A R:N/A	27.40	L:N/A R:N/A	26.08	L:N/A R:N/A
	251	848.80	N/A	29.06	L:N/A R:N/A	27.94	L:N/A R:N/A	26.69	L:N/A R:N/A

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	TRP (dBm)		NHPRP ±45° (dBm)		NHPRP ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GSM 1900	512	1850.20	N/A	28.64	L:N/A R:N/A	26.72	L:N/A R:N/A	25.09	L:N/A R:N/A
	661	1880.00	N/A	28.77	L:N/A R:N/A	26.86	L:N/A R:N/A	25.31	L:N/A R:N/A
	810	1909.80	N/A	28.86	L:N/A R:N/A	27.09	L:N/A R:N/A	25.54	L:N/A R:N/A

Band	Channel	Frequency (MHz)	Conducted Sensitivity (dBm)	TIS (dBm)		NHPIS ±45° (dBm)		NHPIS ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GSM 850	128	869.20	N/A	-105.54	L:N/A R:N/A	-104.81	L:N/A R:N/A	-103.73	L:N/A R:N/A
	190	881.60	N/A	-104.78	L:N/A R:N/A	-103.77	L:N/A R:N/A	-102.70	L:N/A R:N/A
	251	893.80	N/A	-105.43	L:N/A R:N/A	-104.55	L:N/A R:N/A	-103.52	L:N/A R:N/A

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Band	Channel	Frequency (MHz)	Conducted Sensitivity (dBm)	TIS (dBm)		NHPIS ±45° (dBm)		NHPIS ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GSM 1900	512	1930.20	N/A	-106.11	L:N/A R:N/A	-104.69	L:N/A R:N/A	-102.94	L:N/A R:N/A
	661	1960.00	N/A	-105.55	L:N/A R:N/A	-104.16	L:N/A R:N/A	-102.43	L:N/A R:N/A
	810	1989.80	N/A	-104.34	L:N/A R:N/A	-103.00	L:N/A R:N/A	-101.32	L:N/A R:N/A

**TABLE: B2 SUMMATION TEST REPORT - GPRS**

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	TRP (dBm)		NHPRP ±45° (dBm)		NHPRP ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GPRS 850	128	824.20	N/A	28.40	L:N/A R:N/A	27.22	L:N/A R:N/A	25.82	L:N/A R:N/A
	190	836.60	N/A	28.89	L:N/A R:N/A	27.72	L:N/A R:N/A	26.40	L:N/A R:N/A
	251	848.80	N/A	29.59	L:N/A R:N/A	28.47	L:N/A R:N/A	27.22	L:N/A R:N/A

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	TRP (dBm)		NHPRP ±45° (dBm)		NHPRP ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GPRS 1900	512	1850.20	N/A	28.26	L:N/A R:N/A	26.34	L:N/A R:N/A	24.71	L:N/A R:N/A
	661	1880.00	N/A	28.60	L:N/A R:N/A	26.69	L:N/A R:N/A	25.14	L:N/A R:N/A
	810	1909.80	N/A	28.48	L:N/A R:N/A	26.71	L:N/A R:N/A	25.16	L:N/A R:N/A

Band	Channel	Frequency (MHz)	Conducted Sensitivity (dBm)	TIS (dBm)		NHPIS ±45° (dBm)		NHPIS ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GPRS 850	128	869.20	N/A	-108.67	L:N/A R:N/A	-107.94	L:N/A R:N/A	-106.86	L:N/A R:N/A
	190	881.60	N/A	-108.45	L:N/A R:N/A	-107.44	L:N/A R:N/A	-106.37	L:N/A R:N/A
	251	893.80	N/A	-107.73	L:N/A R:N/A	-106.85	L:N/A R:N/A	-105.82	L:N/A R:N/A

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Band	Channel	Frequency (MHz)	Conducted Sensitivity (dBm)	TIS (dBm)		NHPIS ±45° (dBm)		NHPIS ±30° (dBm)	
				FS	SAM	FS	SAM	FS	SAM
GPRS 1900	512	1930.20	N/A	-107.94	L:N/A R:N/A	-106.52	L:N/A R:N/A	-104.78	L:N/A R:N/A
	661	1960.00	N/A	-107.08	L:N/A R:N/A	-105.69	L:N/A R:N/A	-103.96	L:N/A R:N/A
	810	1989.80	N/A	-106.51	L:N/A R:N/A	-105.17	L:N/A R:N/A	-103.48	L:N/A R:N/A

**TABLE: B3 INTERMEDIATE CHANNEL RELATIVE SENSITIVITY - GSM**

Intermediate Channel Relative Sensitivity				
GSM Internal Antenna				
Band	Intermediate Channels	Free Space	SAM Left Ear	SAM Right Ear
850	Low	PASS	N/A	N/A
	Mid	PASS	N/A	N/A
	High	PASS	N/A	N/A

Intermediate Channel Relative Sensitivity				
GSM Internal Antenna				
Band	Intermediate Channels	Free Space	SAM Left Ear	SAM Right Ear
1900	Low	PASS	N/A	N/A
	Mid	PASS	N/A	N/A
	High	PASS	N/A	N/A

**TABLE: B4 INTERMEDIATE CHANNEL RELATIVE SENSITIVITY - GPRS**

Intermediate Channel Relative Sensitivity				
GPRS Internal Antenna				
Band	Intermediate Channels	Free Space	SAM Left Ear	SAM Right Ear
850	Low	PASS	N/A	N/A
	Mid	PASS	N/A	N/A
	High	PASS	N/A	N/A

Intermediate Channel Relative Sensitivity				
GPRS Internal Antenna				
Band	Intermediate Channels	Free Space	SAM Left Ear	SAM Right Ear
1900	Low	PASS	N/A	N/A
	Mid	PASS	N/A	N/A
	High	PASS	N/A	N/A

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**TABLE: B5 PASS FAIL RESULTS**

Protocol/Band	Device Power Class	TRP Limits (dBm)		TRP		TIS Limits (dBm)		TIS	
				Pass / Fail / Informational Only				Pass / Fail / Informational Only	
		Free Space	SAM Head	FS	SAM Head	Free Space	SAM Head	FS	SAM Head
GSM850	Class 4	TBD	TBD	Informational Only	Informational Only	TBD	TBD	Informational Only	Informational Only
GSM1900	Class 1	TBD	TBD	Informational Only	Informational Only	TBD	TBD	Informational Only	Informational Only
GPRS850	Class 4	TBD	TBD	Informational Only	Informational Only	TBD	TBD	Informational Only	Informational Only
GPRS1900	Class 1	TBD	TBD	Informational Only	Informational Only	TBD	TBD	Informational Only	Informational Only

FS = Free Space,

SAM = SAM Phantom Head

\* Mark values exceeding pass/fail limits in **RED**.

Milpitas 2009-11-30

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**Technical responsibility for area of testing:**

11/30/09	OTA	Thomas Tam (Manager, OTA Lab)	
Date	Section	Name	Signature

**This report is prepared by:**

11/30/09	OTA	Kevin Wu (OTA Test Engineer)	
Date	Section	Name	Signature

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