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**No.** DAT-P-114/01-01

**CTIA** Authorized Test Lab

**LAB CODE 20050815-00**

# TEST REPORT

No. 2007OTA0030

**Model** B7CA

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**Product name** GSM/GPRS 850/1900 Mobile Terminal

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**Client** T&A Mobile Phones

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**Classification  
of test** Type Approval

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**Table 1: Summation Test Report**

Manufacturer	T&A Mobile Phones	
Model	B7CA	
Serial Number/ESN/IMEI	011290000000061	
FCC ID Number	RAD064	
Hardware Version	PROTO	
Software Version *	V321	
Device Power Class:	GSM 850	GMSK
		4
	PCS 1900	GMSK
		1

**Table 2: TRP test result:**

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	TRP (dBm)		NHPRP $\pm\pi/4$ (dBm)		NHPRP $\pm\pi/6$ (dBm)		NHPRP $\pm\pi/8$ (dBm)					
				FS	SAM	FS	SAM	FS	SAM	FS	SAM				
GSM 850	128	824.20	32.5	28.17	L	21.93	27.6	L	20.25	26.54	L	18.67	25.56	L	17.47
					R	21.71		R	20.05		R	18.46		R	17.27
	190	836.60	32.5	29.51	L	23	28.92	L	21.32	27.85	L	19.75	26.87	L	18.56
					R	23.02		R	21.36		R	19.78		R	18.59
	251	848.80	32.4	30.02	L	23.06	29.41	L	21.38	28.32	L	19.82	27.33	L	18.62
					R	23.39		R	21.73		R	20.16		R	18.97
GSM 1900	512	1850.20	29.8	27.88	L	24.14	26.31	L	23.02	24.6	L	21.66	23.4	L	20.54
					R	24.18		R	23.05		R	21.66		R	20.55
	661	1880.00	29	28.76	L	24.41	27.21	L	23.3	25.65	L	21.93	24.57	L	20.81
					R	24.53		R	23.39		R	22.01		R	20.9
	810	1909.80	28.3	28.91	L	24.53	27.36	L	23.43	25.92	L	22.07	24.94	L	20.94
					R	24.56		R	23.42		R	22.04		R	20.93

**Table 3: TIS test result:**

Band	Channel	Freq. (MHz)	Conducted Sensitivity (dBm)	TIS (dBm)		NHPIS $\pm\pi/4$ (dBm)		NHPIS $\pm\pi/6$ (dBm)		NHPIS $\pm\pi/8$ (dBm)					
				FS	SAM	FS	SAM	FS	SAM	FS	SAM				
GSM-850	128	869.20	-109.5	-109.09	L	-101.29	-108.34	L	-99.81	-107.21	L	-98.27	-106.24	L	-97.15
					R	-102.19		R	-100.56		R	-98.97		R	-97.84
	190	881.60	109.8	-109.2	L	-100.01	-108.44	L	-99.55	-107.31	L	-97.99	-106.33	L	-96.84
					R	-102.04		R	-100.43		R	-98.84		R	-97.71
	251	893.80	-109.5	-109.3	L	-100.93	-108.54	L	-99.48	-107.4	L	-97.93	-106.43	L	-96.79
					R	-102		R	-100.39		R	-98.79		R	-97.65

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GSM-1900	512	1930.2	-109.1	-108.67	L	-104.32	-107.14	L	-103.14	-105.78	L	-101.73	-104.82	L	-100.63
					R	-104.16		R	-102.96		R	-101.56		R	-100.48
	661	1960	-109.4	-108.66	L	-104.72	-107.14	L	-103.56	-105.88	L	-102.16	-104.98	L	-101.16
					R	-104.34		R	-103.13		R	101.75		R	-100.68
	810	1989.8	-108.9	-108.18	L	-104.22	-106.62	L	-103.08	-105.39	L	-101.7	-104.53	L	-100.61
					R	-104.01		R	-102.78		R	-101.39		R	-100.32

FS = Free Space, SAM = SAM Phantom Head

**Table 4: Intermediate Channel Relative Sensitivity:**

Band	Intermediate Channels	Freespace	SAM-Left Ear	SAM-Right Ear
GSM-850	128-169	Pass	Pass	Pass
	169-210	Pass	Pass	Pass
	210-251	Pass	Pass	Pass
GSM-1900	512-611	Pass	Pass	Pass
	611-710	Pass	Pass	Pass
	710-810	Pass	Pass	Pass