

COMPLIANCE ENGINEERING SERVICES, INC.													
Radiated Emissions										8 Feb 199			
15.205										J. Martinez			
										A site (1.5 Meter)			
Savi Technologies													
FCC ID: K67-RELAY-V1													
Antenna: MobileMark OD 9 - 2400 9 dBi Omni													
Antenna Filter: Mini Circuit Model NLP-2950													
fo = 2450 MHz													
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN	
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)	
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg
4900	46	37	35	5	-35	-10.5	0.7	41.2	32.2	74	54	-32.8	-21.8
7350	52.5	44	44.1	6.6	-35	-10.5	0.7	58.4	49.9	74	54	-15.6	-4.1
9800	54.6	46.1	39.4	7.26	-35	-10.5	0.7	56.46	47.96	74	54	-17.5	-6.0
12250	52.1	42.3	40.2	8.25	-35	-10.5	0.7	55.75	45.95	74	54	-18.3	-8.1
14700	51.7	38	44.7	9.07	-35	-10.5	0.7	60.67	46.97	74	54	-13.3	-7.0
17150	52.4	39.1	43.9	10.73	-35	-10.5	0.7	62.23	48.93	74	54	-11.8	-5.1
to 10fo	no eut emissions detected above noise floor												
fo = 2456 MHz													
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN	
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)	
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg
4912	44.4	35.1	35	5	-35	-10.5	0.7	39.6	30.3	74	54	-34.4	-23.7
7368	53.1	43.1	44.1	6.6	-35	-10.5	0.7	59	49	74	54	-15	-5.0
9824	51.8	43.5	39.4	7.26	-35	-10.5	0.7	53.66	45.36	74	54	-20.3	-8.6
12280	51.3	40.6	40.2	8.25	-35	-10.5	0.7	54.95	44.25	74	54	-19.1	-9.7
14736	49.5	38.7	44.7	9.07	-35	-10.5	0.7	58.47	47.67	74	54	-15.5	-6.3
17192	52.7	40.1	43.9	10.73	-35	-10.5	0.7	62.53	49.93	74	54	-11.5	-4.1
to 10fo	no eut emissions detected above noise floor												

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Antenna: MobileMark OD 9 - 2400 9 dBi Omni													
Antenna Filter: Mini Circuit Model NLP-2950													
fo = 2474 MHz													
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN	
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)	
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg
4947	50.5	44.6	35	5	-35	-10.5	0.7	45.7	39.8	74	54	-28.3	-14.2
7421	49.6	39.7	44.1	6.6	-35	-10.5	0.7	55.5	45.6	74	54	-18.5	-8.4
9895	54.5	48.1	39.4	7.26	-35	-10.5	0.7	56.36	49.96	74	54	-17.6	-4.04
12369	51.08	41.1	40.2	8.25	-35	-10.5	0.7	54.73	44.75	74	54	-19.3	-9.25
14843	50.9	38.4	44.7	9.07	-35	-10.5	0.7	59.87	47.37	74	54	-14.1	-6.63
17317	52.7	39.3	43.9	10.73	-35	-10.5	0.7	62.53	49.13	74	54	-11.5	-4.87
to 10fo	no eut emissions detected above noise floor												