

Appendix D. Co-location

1. Results of Radiated Emissions for Co-located

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM850 CH128 / Mode 1
Test Date	Apr. 09, 2010		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1385.49	43.91	74.00	-30.09	50.40	3.05	34.77	25.23	195	100	Peak	HORIZONTAL
2 a	1386.94	42.09	54.00	-11.91	48.58	3.05	34.77	25.23	195	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1386.28	40.02	74.00	-33.98	46.51	3.05	34.77	25.23	44	100	Peak	VERTICAL
2 a	1386.86	40.88	54.00	-13.12	47.37	3.05	34.77	25.23	44	100	Average	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM850 CH128 / Mode 2
Test Date	Apr. 09, 2010		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1385.84	41.51	74.00	-32.49	48.00	3.05	34.77	25.23	252	100	Peak	HORIZONTAL
2 a	1386.19	40.13	54.00	-13.87	46.62	3.05	34.77	25.23	252	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1385.20	41.21	74.00	-32.79	47.70	3.05	34.77	25.23	137	100	Peak	VERTICAL
2 a	1387.00	41.77	54.00	-12.23	48.26	3.05	34.77	25.23	137	100	Average	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM1900 CH661 / Mode 3
Test Date	Mar. 01, 2010		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 a	1386.65	42.43	54.00	-11.57	48.92	3.05	34.77	25.23	89	146	Average	HORIZONTAL
2 p	1386.76	45.50	74.00	-28.50	51.99	3.05	34.77	25.23	89	146	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 a	1386.67	39.75	54.00	-14.25	46.24	3.05	34.77	25.23	126	105	Average	VERTICAL
2 p	1386.88	43.83	74.00	-30.17	50.32	3.05	34.77	25.23	126	105	Peak	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM850 CH128 / Mode 4
Test Date	Apr. 09, 2010		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 a	1386.62	39.60	54.00	-14.40	46.09	3.05	34.77	25.23	137	100	Average	HORIZONTAL
2 p	1386.82	41.19	74.00	-32.81	47.68	3.05	34.77	25.23	137	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1386.25	42.69	74.00	-31.31	49.18	3.05	34.77	25.23	29	100	Peak	VERTICAL
2 a	1386.31	42.49	54.00	-11.51	48.98	3.05	34.77	25.23	29	100	Average	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM850 CH128 / Mode 5
Test Date	Apr. 09, 2010		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 p	1385.46	43.64	74.00	-30.36	50.13	3.05	34.77	25.23	87	100	Peak	HORIZONTAL
2 a	1386.62	42.28	54.00	-11.72	48.77	3.05	34.77	25.23	87	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 a	1385.02	41.80	54.00	-12.20	48.29	3.05	34.77	25.23	143	100	Average	VERTICAL
2 p	1386.90	42.88	74.00	-31.12	49.37	3.05	34.77	25.23	143	100	Peak	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Allen Liu	Configurations	11G CH 6 + GSM1900 CH661 / Mode 6
Test Date	Feb. 10, 2010		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamplifier Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1 p	1386.60	45.00	74.00	-29.00	53.61	2.03	25.09	35.73	110	100	Peak	HORIZONTAL
2 a	1386.66	42.61	54.00	-11.39	51.22	2.03	25.09	35.73	110	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamplifier Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1 p	1386.63	46.54	74.00	-27.46	55.15	2.03	25.09	35.73	56	100	Peak	VERTICAL
2 a	1386.66	44.12	54.00	-9.88	52.73	2.03	25.09	35.73	56	100	Average	VERTICAL