

Compliance Engineering Services Inc.

>> 3 M RADIATED EMISSION DATA <<

Report No. : 000228C1
Date : 02/28/2000
Time : 11:41
Test Engr : MIKE ZHU

MZ

Company : SPECIALIZED BICYCLE COMPONENT INC
Equipment Under Test : 315MHZ TX AND RECEIVER FOR BICYCLE LIGHTING SYSTEM (M/N:FIREBALLS)
Test Configuration : EUT ONLY
Type of Test : FCC 15.231
Mode of Operation : TX MODE

	Freq.	dBuV-PK	dBuV-AVE	CF(dB)	dBuV-AVE	FCC-B	EUT-B	Note
SW 1 ON:								
V/X:								
	315.00	69.3	58.4	-9.1	49.2	74.2	-25.0	Vertical
	630.00	48.9	38.0	-6.0	32.0	54.2	-22.3	Vertical
	945.00	48.0	37.1	-0.6	36.5	54.2	-17.8	Vertical
V/Y:								
	315.00	78.6	67.7	-9.1	58.5	74.2	-15.7	Vertical
	630.00	51.4	40.5	-6.0	34.5	54.2	-19.8	Vertical
	945.00	55.5	44.6	-0.6	44.0	54.2	-10.3	Vertical
V/Z:								
	315.00	72.4	61.5	-9.1	52.3	74.2	-21.9	Vertical
	630.00	51.5	40.6	-6.0	34.6	54.2	-19.7	Vertical
	945.00	55.4	44.5	-0.6	43.9	54.2	-10.4	Vertical
H/X:								
	315.00	82.5	71.6	-9.1	62.4	74.2	-11.8	Horizontal
	630.00	48.0	37.1	-5.3	31.7	54.2	-22.5	Horizontal
	945.00	47.8	36.9	0.3	37.2	54.2	-17.1	Horizontal
H/Y:								
	315.00	74.1	63.2	-9.1	54.0	74.2	-20.2	Horizontal
	630.00	46.0	35.1	-5.3	29.7	54.2	-24.5	Horizontal
	945.00	47.2	36.3	0.3	36.6	54.2	-17.7	Horizontal
H/Z:								
	315.00	75.7	64.8	-9.1	55.6	74.2	-18.6	Horizontal
	630.00	46.9	36.0	-5.3	30.6	54.2	-23.6	Horizontal
	945.00	50.1	39.2	0.3	39.5	54.2	-14.8	Horizontal
SW 2 ON:								
H/X:								
	315.00	80.2	69.3	-9.1	60.1	74.2	-14.1	Horizontal
	630.00	45.3	34.4	-5.3	29.0	54.2	-25.2	Horizontal
	945.00	46.8	35.9	0.3	36.2	54.2	-18.1	Horizontal
H/Y:								
	315.00	72.3	61.4	-9.1	52.2	74.2	-22.0	Horizontal
	630.00	43.6	32.7	-5.3	27.3	54.2	-26.9	Horizontal
	945.00	45.5	34.6	0.3	34.9	54.2	-19.4	Horizontal
H/Z:								
	315.00	76.4	65.5	-9.1	56.3	74.2	-17.9	Horizontal
	630.00	47.9	37.0	-5.3	31.6	54.2	-22.6	Horizontal
	945.00	42.5	31.6	0.3	31.9	54.2	-22.4	Horizontal

Compliance Engineering Services Inc.

>> 3 M RADIATED EMISSION DATA <<

Report No. : 000228C1
Date : 02/28/2000
Time : 13:42
Test Engr : MIKE ZHU

Company : SPECIALIZED BICYCLE COMPONENT INC
 Equipment Under Test : 315MHZ TX AND RECEIVER FOR BICYCLE LIGHTING
 SYSTEM (M/N: FIRABALLS)
 Test Configuration : EUT ONLY
 Type of Test : FCC 15.231
 Mode of Operation : TX MODE

M2

	Freq.	dBuV-PK	dBuV-AVE	CF (dB)	dBuV-AVE	FCC-B	EUT-B	Note
V/X:	315.00	64.4	53.5	-9.1	44.3	74.2	-29.9	Vertical
	630.00	48.2	37.3	-6.0	31.3	54.2	-23.0	Vertical
	945.00	46.2	35.3	-0.6	34.7	54.2	-19.6	Vertical
V/Y:	315.00	74.6	63.7	-9.1	54.5	74.2	-19.7	Vertical
	630.00	48.6	37.7	-6.0	31.7	54.2	-22.6	Vertical
	945.00	49.7	38.8	-0.6	38.2	54.2	-16.1	Vertical
V/Z:	315.00	71.9	61.0	-9.1	51.8	74.2	-22.4	Vertical
	630.00	49.8	38.9	-6.0	32.9	54.2	-21.4	Vertical
	945.00	47.4	36.5	-0.6	35.9	54.2	-18.4	Vertical

Total # of data 36
 V.1.0a

* Duty cycle=28.3%