

Electronic Compliance Laboratories, Inc.
 1249 Birchwood Ave.
 Sunnyvale, CA
 Radiated Emissions
 Frequency range: 30MHz-1000MHz

3 Meter Open Site
 Site Calibrated: June 1997

Government Agency and Limit: FCC Class B

QP = Quasi-Peak Note: Ignore peak readings when Quasi-Peak reading exists
 PK = Peak

Customer: Q-TRON Operator: SURESH
 Date: 09-30-1998 Time: 12:23:09
 Temperature Range: 75 Deg F Percent Humidity: 55
 E.U.T.: QES 1000
 Serial Number:
 Support Devices:
 Serial Number:
 FCC ID:
 Exercise Program:
 Modifications: NONE
 Report File Name: F:\TESTDATA\8093001.RF

Antenna Type: BICONICAL

TEST FREQ	TEST dBuV	ACTUAL dBuV/m	CLASS B LIMIT	VERSUS B LIMIT	TABLE DEGREES	ANTENNA HEIGHT	POLAR- IZATION	DETECTOR Type
=====	=====	=====	=====	=====	=====	=====	=====	=====
CHANGED ANTENNA TO 1-18Gig HORN								
2.74	49.7	49.0	54.0	-5.0	01	1.0	H	PK
2.74	45.3	44.6	54.0	-9.4	01	1.0	H	QP
3.66	54.4	54.7	54.0	0.7	0	1.0	H	PK
3.66	50.7	51.0	54.0	-3.0	0	1.0	H	QP
4.57	45.3	46.3	54.0	-7.7	0	1.0	H	PK
2.71	49.1	48.1	54.0	-5.9	0	1.0	H	PK
2.71	41.9	40.9	54.0	-13.1	0	1.0	H	QP
3.63	45.1	45.7	54.0	-8.3	0	1.0	H	PK
2.78	44.9	44.6	54.0	-9.4	0	1.0	H	PK
3.70	43.3	43.3	54.0	-10.7	0	1.0	H	PK

EUT:	QES 1000, MODEL Q89217	CUSTOMER NAME: QTRON
RULE PART:	FCC15.205	WORK ORDER: 8093001
		FILE: 8093001
ANTENNA:	Horn	ATTN dB: 0
POLARIZATION:	Vertical	DUTY dB: 0
MODULATION TYPE:		HP IL dB: 0
TESTED BY:	SURESH	DIST dB: 0
COMMENT:		

FREQ. MHz	READING dB(uV)	NF	Pk or Av	A.F. dB	Cbl dB	FLTR dB	AMP dB	TOTAL, dB(uV/m)	LIMIT dB(uV/m)	DELTA dB
Ch 1 / 906.08 MHz										
2716.47	54.00		Pk	30.6	-5.3	-0.4	35.6	54.7	74.0	-19.3
2716.47	43.00		Avg	30.6	-5.3	-0.4	35.6	43.7	54.0	-10.3
3622.00	60.60		Pk	32.5	-6.2	-0.4	35.1	64.6	74.0	-9.4
3622.00	48.83		Avg	32.5	-6.2	-0.4	35.1	52.8	54.0	-1.2
4530.00	44.00		Pk	34.2	-7.0	-0.4	35.1	50.5	74.0	-23.5
4530.00	33.67		Avg	34.2	-7.0	-0.4	35.1	40.1	54.0	-13.9
7248.00	47.83	*	Pk	36.8	-10.6	-0.4	35.5	60.2	74.0	-13.8
7248.00	25.83	*	Avg	36.8	-10.6	-0.4	35.5	38.2	54.0	-15.8
8154.00	48.67	*	Pk	38.4	-11.4	-0.4	35.5	63.4	74.0	-10.6
8154.00	25.50	*	Avg	38.4	-11.4	-0.4	35.5	40.2	54.0	-13.8
9060.00	47.33	*	Pk	40.4	-12.1	-0.4	35.5	64.7	74.0	-9.3
9060.00	25.50	*	Avg	40.4	-12.1	-0.4	35.5	42.9	54.0	-11.1
CH 4/ 915.20MHz										
2743.47	55.67		Pk	30.6	-5.3	-0.4	35.5	56.5	74.0	-17.5
2743.47	45.00		Avg	30.6	-5.3	-0.4	35.5	45.8	54.0	-8.2
3657.47	55.33		Pk	32.5	-6.2	-0.4	35.1	59.3	74.0	-14.7
3657.47	44.17		Avg	32.5	-6.2	-0.4	35.1	48.2	54.0	-5.8
4572.83	42.17		Pk	34.2	-7.0	-0.4	35.2	48.6	74.0	-25.4
4572.83	32.83		Avg	34.2	-7.0	-0.4	35.2	39.3	54.0	-14.7
7323.23	48.00	*	Pk	36.8	-10.6	-0.4	35.4	60.4	74.0	-13.6
7323.23	26.33	*	Avg	36.8	-10.6	-0.4	35.4	38.8	54.0	-15.3
8236.60	48.00	*	Pk	38.4	-11.4	-0.4	35.5	62.7	74.0	-11.3
8236.60	28.17	*	Avg	38.4	-11.4	-0.4	35.5	42.8	54.0	-11.2
9151.80	47.33	*	Pk	40.4	-12.1	-0.4	35.5	64.7	74.0	-9.3
9151.80	26.00	*	Avg	40.4	-12.1	-0.4	35.5	43.4	54.0	-10.6
CH 3 / 924.06MHz										
2773.62	55.83		Pk	30.6	-5.3	-0.4	35.5	56.6	74.0	-17.4
2773.62	45.00		Avg	30.6	-5.3	-0.4	35.5	45.8	54.0	-8.2
3698.86	52.00		Pk	32.5	-6.2	-0.4	35.1	56.0	74.0	-18.0
3698.86	40.67		Avg	32.5	-6.2	-0.4	35.1	44.7	54.0	-9.3
4617.62	43.67		Pk	34.2	-7.0	-0.4	35.2	50.1	74.0	-23.9
4617.61	33.67		Avg	34.2	-7.0	-0.4	35.2	40.1	54.0	-13.9
7388.04	47.50	*	Pk	36.8	-10.6	-0.4	35.4	59.9	74.0	-14.1
7388.04	37.00	*	Avg	36.8	-10.6	-0.4	35.4	49.4	54.0	-4.6
8312.57	48.00	*	Pk	38.4	-11.4	-0.4	35.5	62.7	74.0	-11.3
8312.57	27.00	*	Avg	38.4	-11.4	-0.4	35.5	41.7	54.0	-12.3