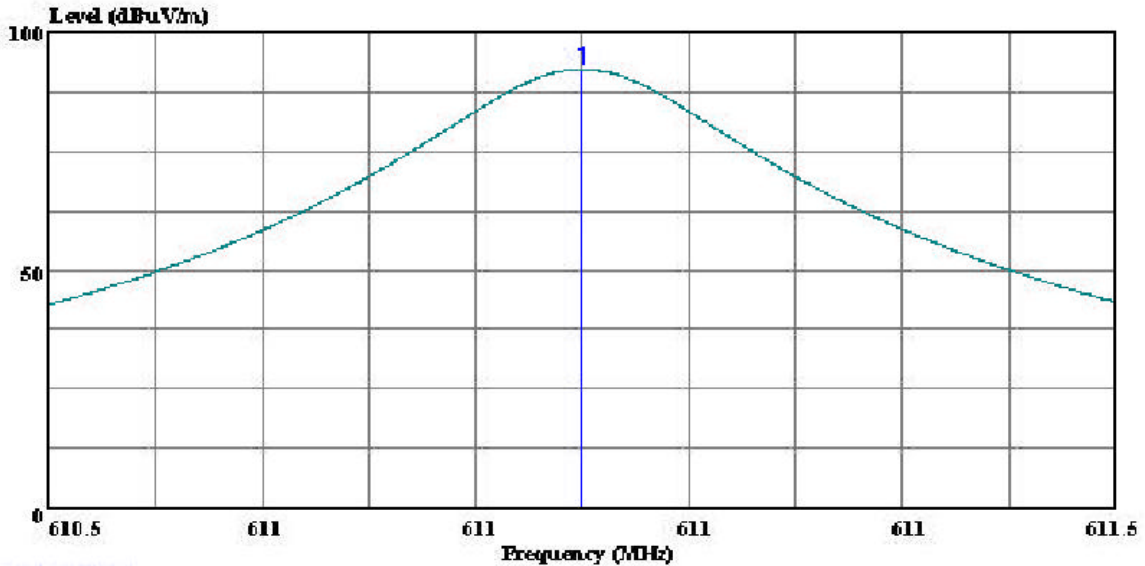


95.1115 (a) MIDDLE CHANNEL (HORIZONTAL)



561F Monterey Road
 San Jose, CA 95131
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Data#: 85 File#: Run1.emi Date: 11-14-2003 Time: 17:34:26



(Auxil ATC)

Trace: 59

RBW=VBW=100KHz

Ref Trace:

Condition: FCC 95H 3m CHAMBER 030306 1185 HORIZONTAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ Mid Channel

Page: 1

	Freq	Remark	Read Level	Read Factor	Limit Level	Over Limit
	MHz		dBuV	dB	dBuV/m	dB
1	611.000	Peak	72.00	20.33	92.33	106.00 -13.67

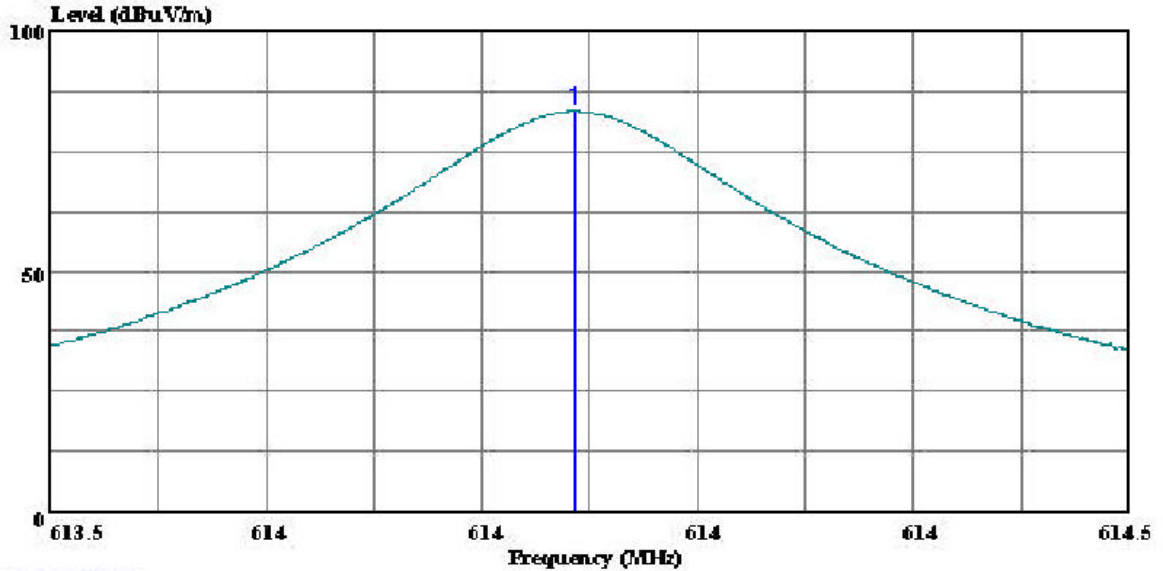
95.1115 (a)

HIGH CHANNEL (VERTICAL)



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Data#: 81 File#: Run1.emi Date: 11-18-2003 Time: 13:58:37



(Audix ATC)

Trace: 80

RBW=VBW=100KHz

Ref Trace:

Condition: FCC 95H 3m CHAMBER 030306 1185 VERTICAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ High Channel

Page: 1

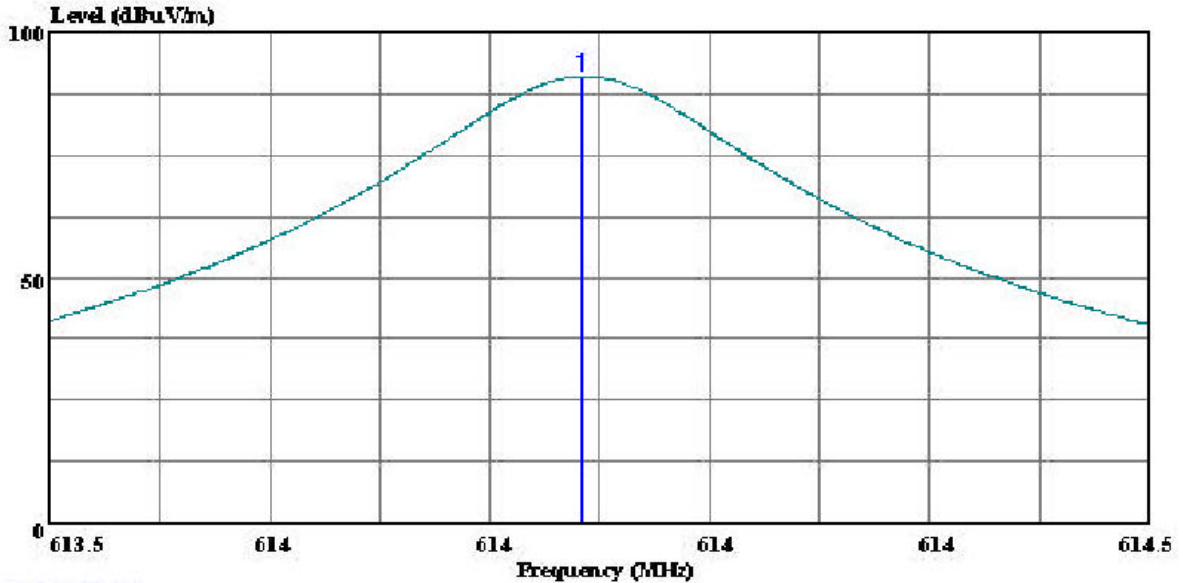
	Freq	Remark	Read Level	Factor	Limit Level	Over Limit
	MHz		dBuV	dB	dBuV/m	dB
1	613.987	Peak	63.04	20.36	83.40	106.00 -22.60

95.1115 (a) HIGH CHANNEL (HORIZONTAL)



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Data#: 79 File#: Run1.emi Date: 11-18-2003 Time: 13:56:23



(Auxix ATC)

Trace: 78

RBW=VBW=100KHz

Ref Trace:

Condition: FCC 95H 3m CHAMBER 030306 1185 HORIZONTAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ High Channel

Page: 1

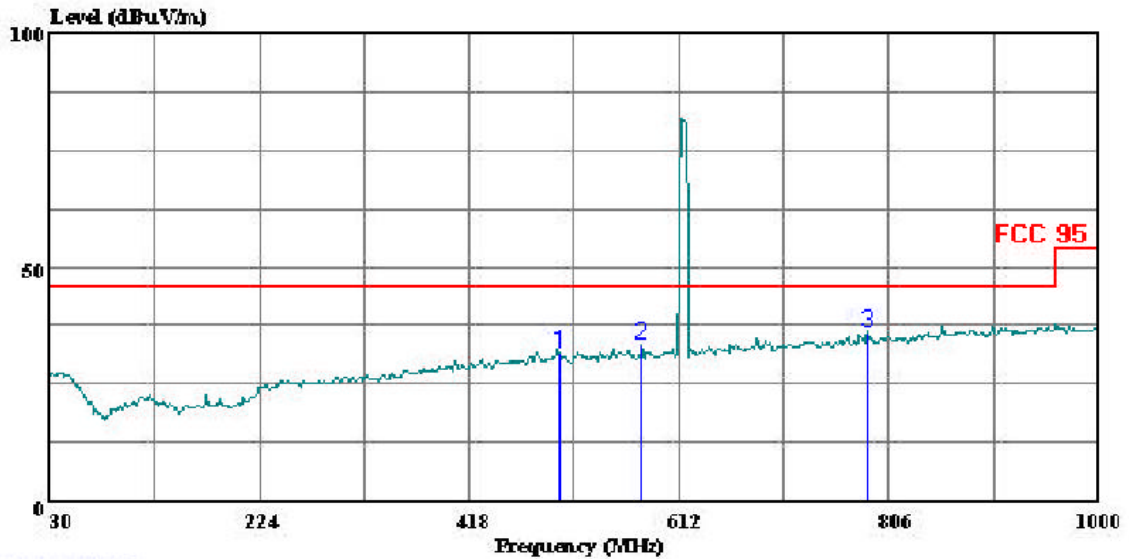
	Freq	Remark	Read Level	Factor	Limit Level	Over Limit
	MHz		dBuV	dB	dBuV/m	dB
1	613.984	Peak	70.75	20.36	91.11	106.00 -14.89

95.1115 (b) LOW CHANNEL (VERTICAL UNDER 1 GHz)



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Data#: 67 File#: Run1.emi Date: 11-18-2003 Time: 13:32:42



(Auxiliary ATC)

Trace: 66

RBW=VBW=100KHz

Ref Trace:

Condition: FCC 95 3m CHAMBER 030306 1185 VERTICAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ Low Channel

Page: 1

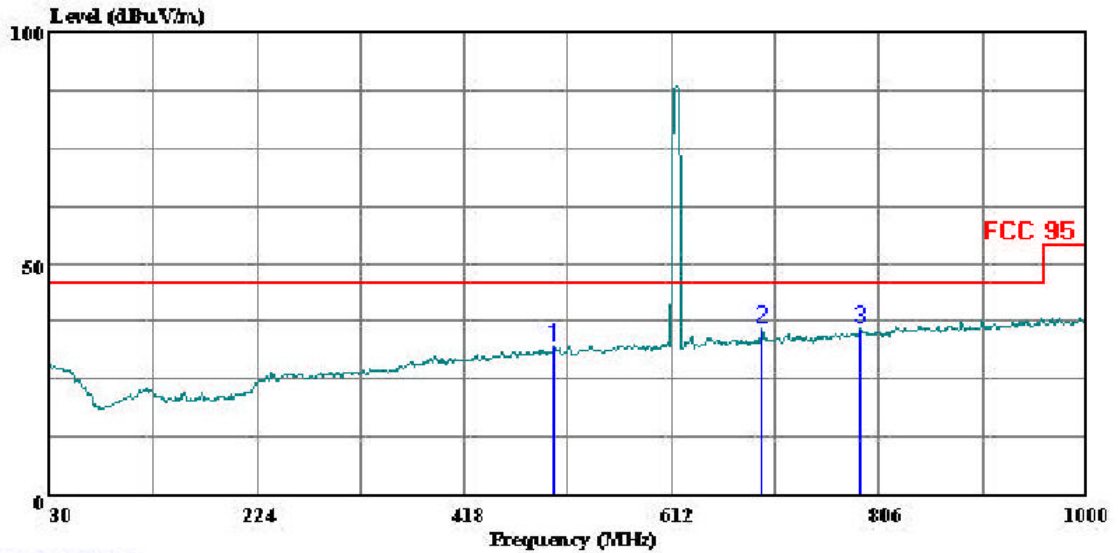
	Freq	Remark	Read Level	Limit	Over		
	MHz		dBuV	Line	Limit		
			dB	dBuV/m	dB		
1	500.450	Peak	12.80	18.85	31.65	46.00	-14.35
2	577.080	Peak	13.14	19.98	33.12	46.00	-12.88
3	786.600	Peak	13.08	22.64	35.72	46.00	-10.28

95.1115 (b) LOW CHANNEL (HORIZONTAL UNDER 1GHz)



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Data#: 69 File#: Run1.emi Date: 11-18-2003 Time: 13:36:09



(Auxix ATC)

Trace: 68 RBW=VBW=100KHz Ref Trace:

Condition: FCC 95 3m CHAMBER 030306 1185 HORIZONTAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ Low Channel

Page: 1

	Read	Limit	Over
Freq	Remark	Level	Line
MHz		dBuV	dBuV/m
1	502.390 Peak	13.35	32.23
2	696.390 Peak	14.43	35.73
3	788.540 Peak	13.11	35.79

95.1115 (b) LOW CHANNEL (VERTICAL & HORIZONTAL ABOVE 1GHz)

11/05/03 High Frequency Measurement
 Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: NEELESH RAJ
 Project #: 03I2292
 Company: NIHON KOHDEN
 EUT Descrip.: WMTS TRANSMITTER
 EUT M/N: ZS-910PA
 Test Target: FCC
 Mode Oper: TX@LOW CHANNEL

Test Equipment:

EMCO Horn 1-18GHz T59; S/N: 3245 @3m	Pre-amplifier 1-26GHz T87 Miteq 924342	Spectrum Analyzer Agilent E4446A Analyzer	Horn > 18GHz	Limit FCC 95
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Hi Frequency Cables
 (2 ft) (2~3 ft) (4~6 ft) (12 ft)

Peak Measurements: Average Measurements:
 1 MHz Resolution Bandwidth 1 MHz Resolution Bandwidth
 1MHz Video Bandwidth 10Hz Video Bandwidth

f GHz	Dist feet	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	HPF	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes
LOW CHANNEL SPURIOUS															
1.216	9.8	53.9	48.3	24.9	1.1	-43.4	0.0	0.0	36.4	30.8	74.0	54.0	-37.6	-23.2	V
1.824	9.8	50.0	38.0	27.6	1.5	-43.3	0.0	0.0	35.7	23.7	74.0	54.0	-38.3	-30.3	V
2.432	9.8	49.3	37.1	29.4	1.9	-43.2	0.0	0.0	37.3	25.1	74.0	54.0	-36.7	-28.9	V
3.040	9.8	54.0	45.9	30.9	2.3	-43.2	0.0	0.0	43.9	35.8	74.0	54.0	-30.1	-18.2	V
3.648	9.8	47.7	37.6	32.0	2.5	-43.7	0.0	0.0	38.5	28.3	74.0	54.0	-35.5	-25.7	V
4.256	9.8	57.5	53.9	32.7	2.7	-44.2	0.0	0.0	48.7	45.1	74.0	54.0	-25.3	-8.9	V
4.864	9.8	47.7	40.2	33.1	3.0	-44.7	0.0	0.0	39.0	31.5	74.0	54.0	-35.0	-22.5	V
5.472	9.8	49.1	38.4	33.7	3.2	-44.8	0.0	0.0	41.1	30.4	74.0	54.0	-32.9	-23.6	V
6.080	9.8	48.2	38.3	34.4	3.4	-44.8	0.0	0.0	41.1	31.2	74.0	54.0	-32.9	-22.8	V
1.216	9.8	52.6	47.4	24.9	1.1	-43.4	0.0	0.0	35.1	30.0	74.0	54.0	-38.9	-24.0	H
1.824	9.8	48.8	38.2	27.6	1.5	-43.3	0.0	0.0	34.5	23.9	74.0	54.0	-39.5	-30.1	H
2.432	9.8	45.6	36.4	29.4	1.9	-43.2	0.0	0.0	33.6	24.5	74.0	54.0	-40.4	-29.5	H
3.040	9.8	52.0	45.2	30.9	2.3	-43.2	0.0	0.0	41.9	35.1	74.0	54.0	-32.1	-18.9	H
3.648	9.8	48.7	36.3	32.0	2.5	-43.7	0.0	0.0	39.4	27.0	74.0	54.0	-34.6	-27.0	H
4.256	9.8	53.2	48.2	32.7	2.7	-44.2	0.0	0.0	44.4	39.4	74.0	54.0	-29.6	-14.6	H
4.864	9.8	46.0	37.5	33.1	3.0	-44.7	0.0	0.0	37.3	28.8	74.0	54.0	-36.7	-25.2	H
5.472	9.8	46.2	37.8	33.7	3.2	-44.8	0.0	0.0	38.2	29.8	74.0	54.0	-35.8	-24.2	H
6.080	9.8	46.0	37.9	34.4	3.4	-44.8	0.0	0.0	38.9	30.8	74.0	54.0	-35.1	-23.2	H
NO OTHER SPURIOUS EMISSIONS DETECTED ABOVE THE SYSTEM NOISE FLOOR															

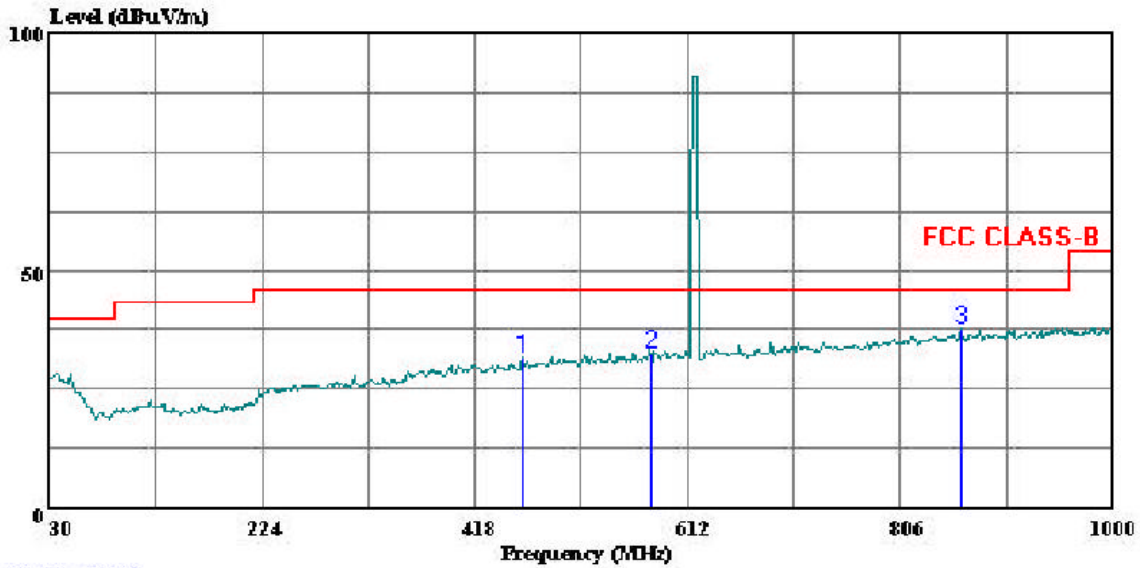
f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

95.1115 (b) MIDDLE CHANNEL (VERTICAL UNDER 1 GHz)



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Data#: 65 File#: Run1.emi Date: 11-18-2003 Time: 11:46:24



(Auxiliary ATC)

Trace: 63

RBW=VBW=100KHz

Ref Trace:

Condition: FCC CLASS-B 3m CHAMBER 030306 1185 VERTICAL
 Test Eng: : NEELESH RAJ
 Project #: : 03I2292
 Company: : NIHON KOHDEN
 EUT: : WMTS Transmitter
 Model No: : ZS-910PA
 Configuration: : EUT only
 Target of Test: : FCC 95H
 Mode of Operation: TX @ Mid Channel

Page: 1

	Freq	Remark	Read Level	Factor	Level	Limit Line	Over Limit
	MHz		dBuV	dB	dBuV/m	dBuV/m	dB
1	460.680	Peak	13.42	17.99	31.41	46.00	-14.59
2	578.050	Peak	12.47	20.00	32.47	46.00	-13.53
3	861.290	Peak	14.24	23.39	37.63	46.00	-8.37