



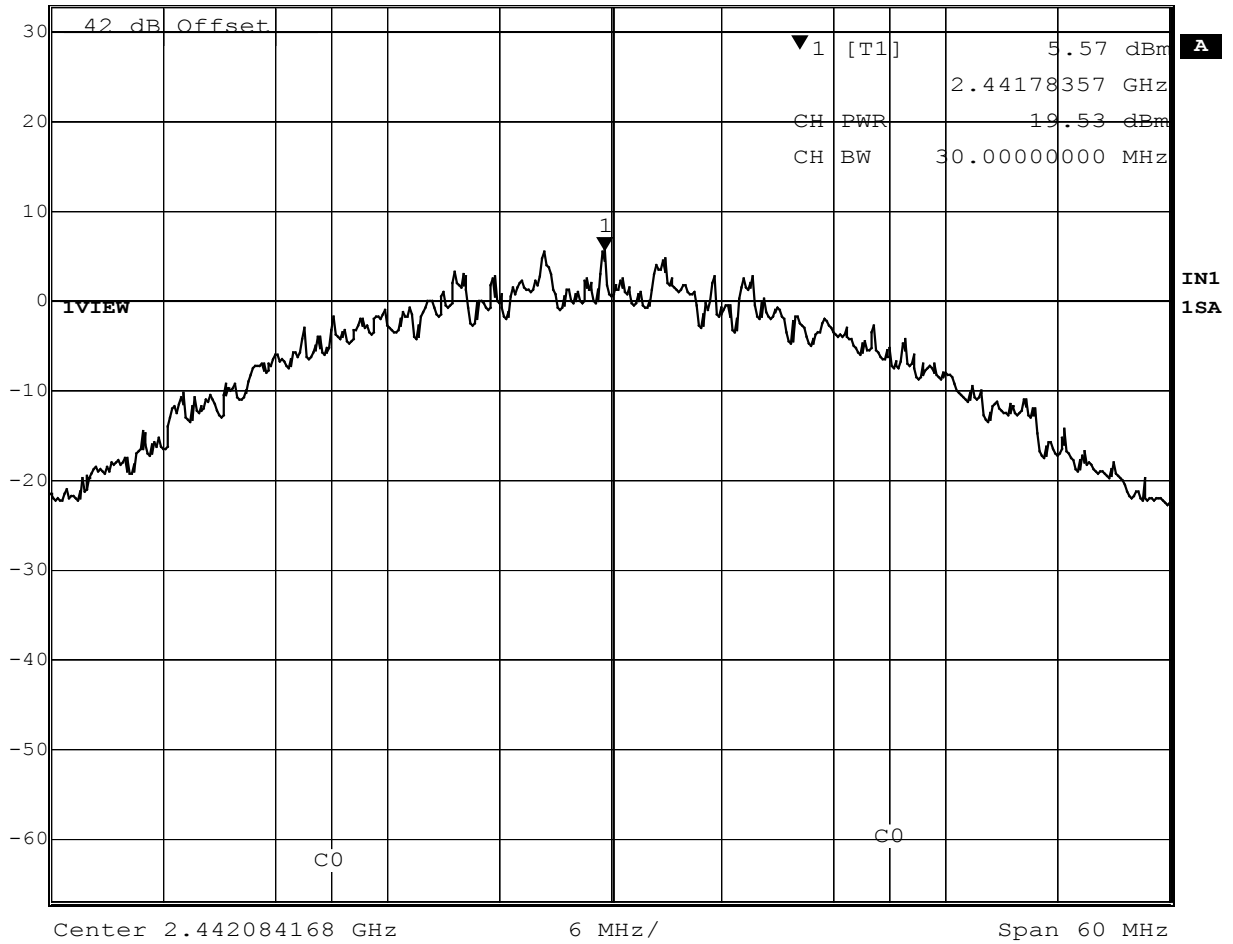
Appendix B

Peak Output Power

Power measurement



	Marker 1 [T1]	RBW	300 kHz	RF Att	20 dB
Ref Lvl	5.57 dBm	VBW	1 MHz		
33 dBm	2.44178357 GHz	SWT	5 ms	Unit	dBm



Date: 7.FEB.2003 09:52:04

**Radiated Maximum Peak Power
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

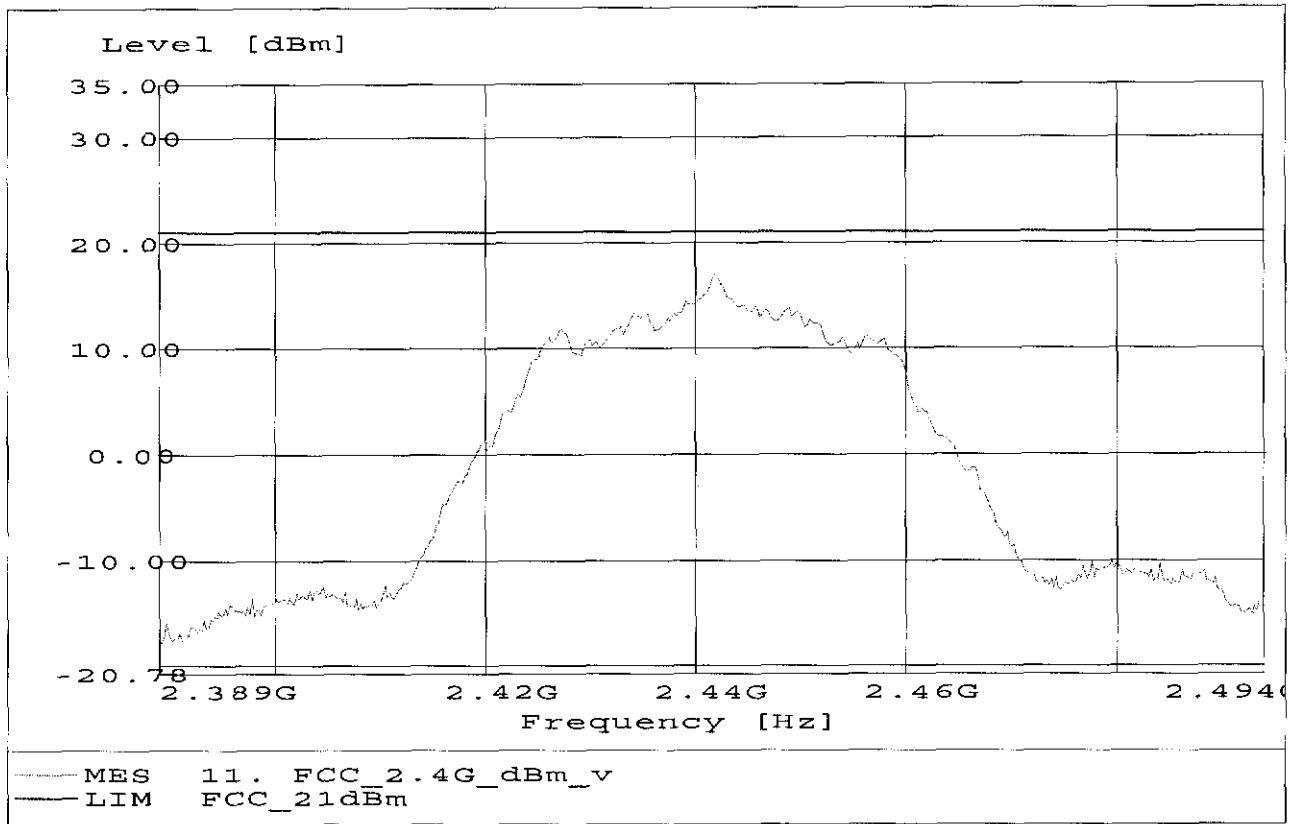
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL025

Start of Test: Freq: 2.442GHz, Pmax: 17.18dBm, RBW: 5MHz



**Radiated Maximum Peak Power
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

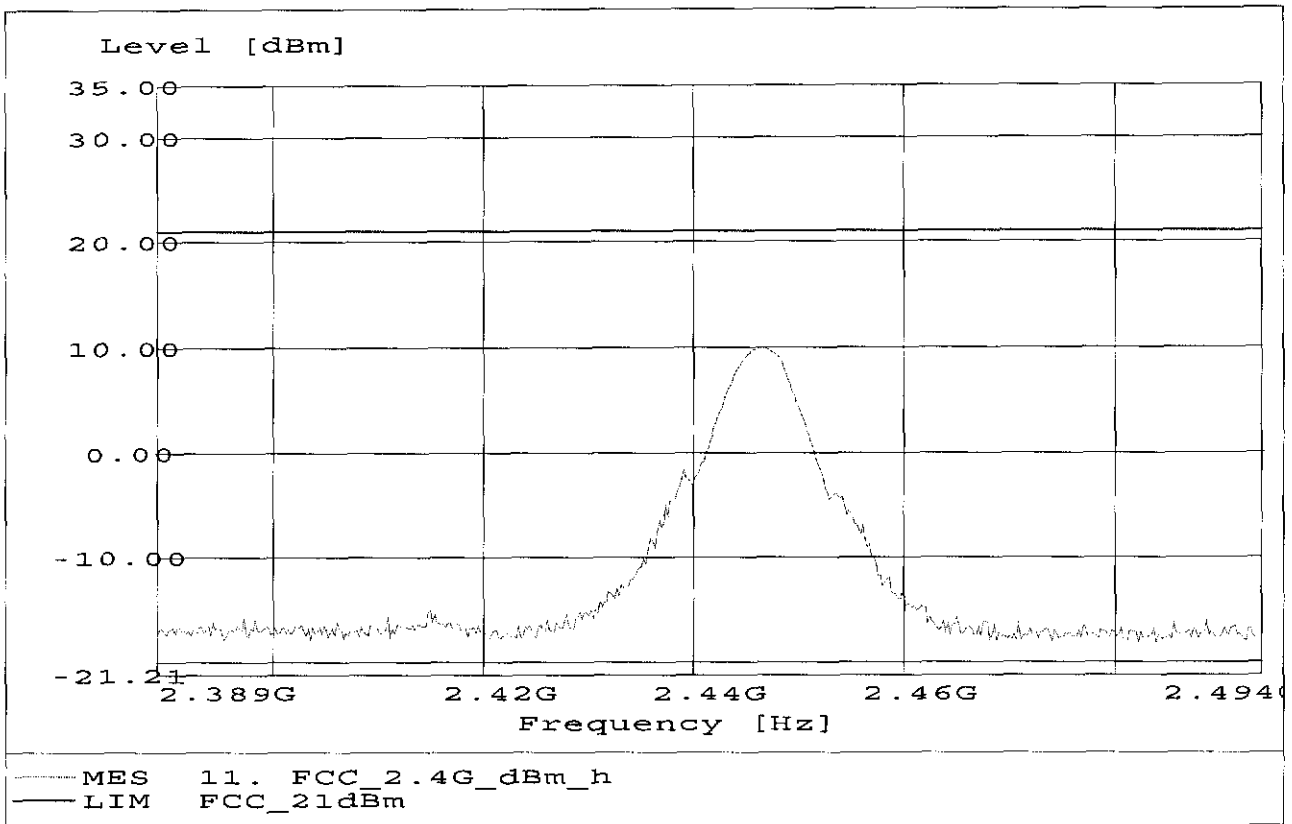
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL025

Start of Test: Freq: 2.446GHz, Pmax: 9.95dBm, RBW: 5MHz





Appendix C

Out of Band Radiated Emissions

Signal Fieldstrength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

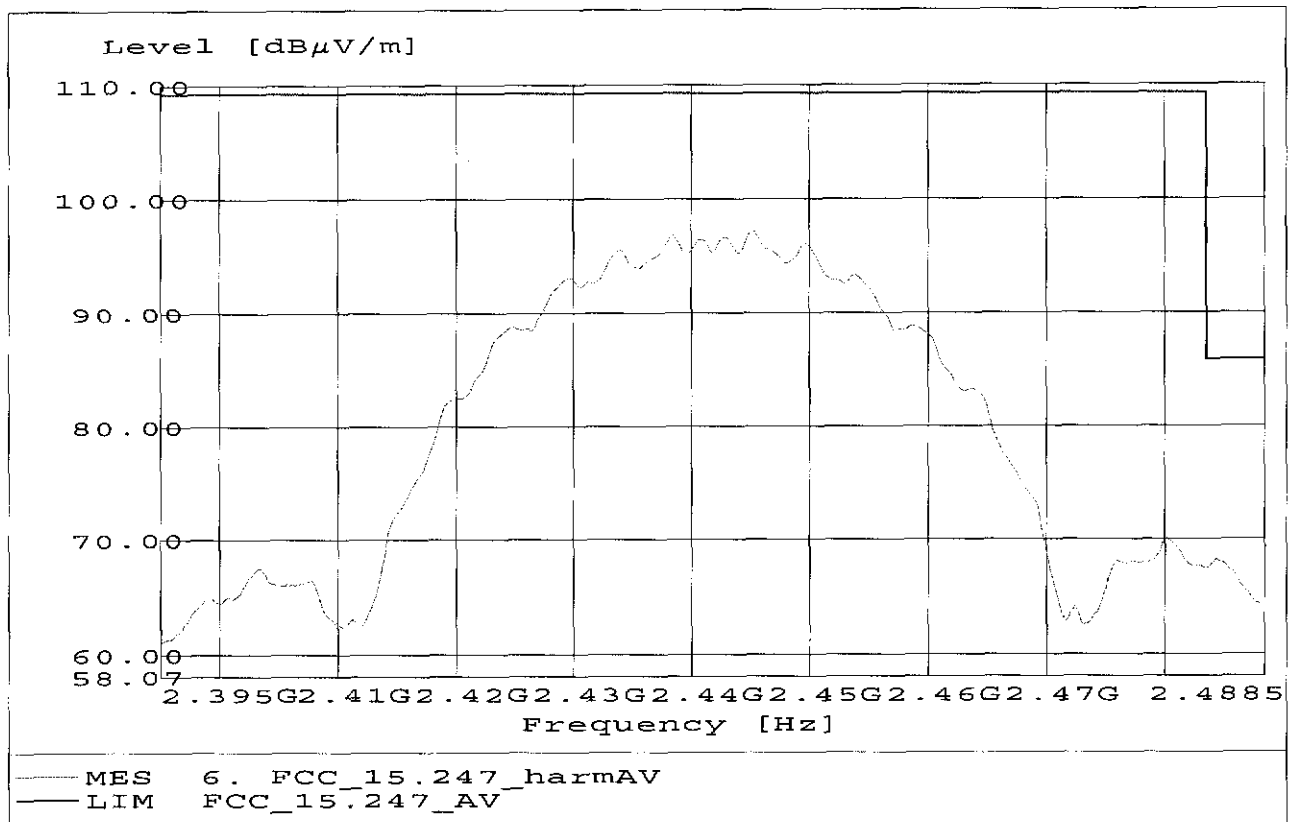
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025

Start of Test: Freq: 2.445GHz, Emax: 97.20dB μ V/m, RBW: 1MHz



Mode DSSS CW, peak measurements, antenna horizontal

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

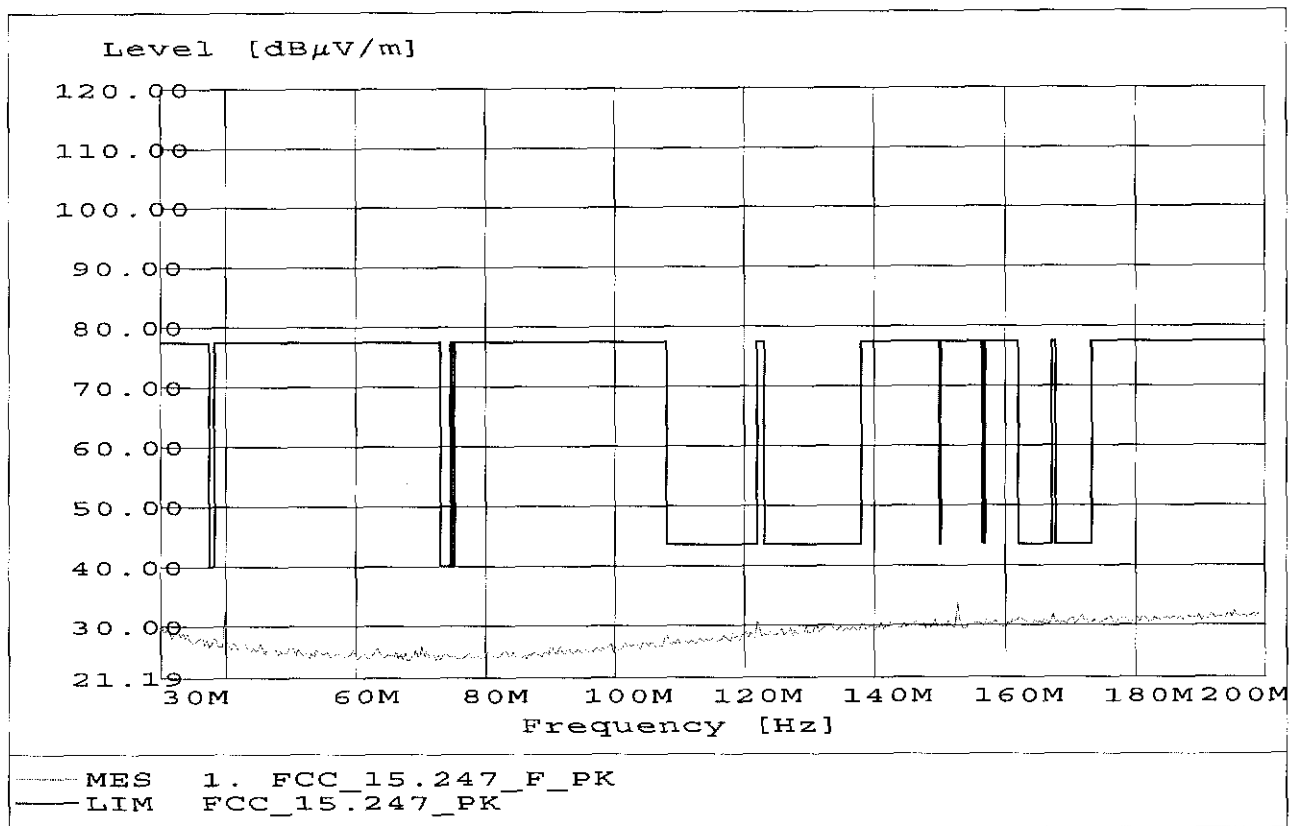
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116

Start of Test: Freq: 152.645MHz, Emax: 33.73dB $\mu\text{V/m}$, RBW: 100kHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

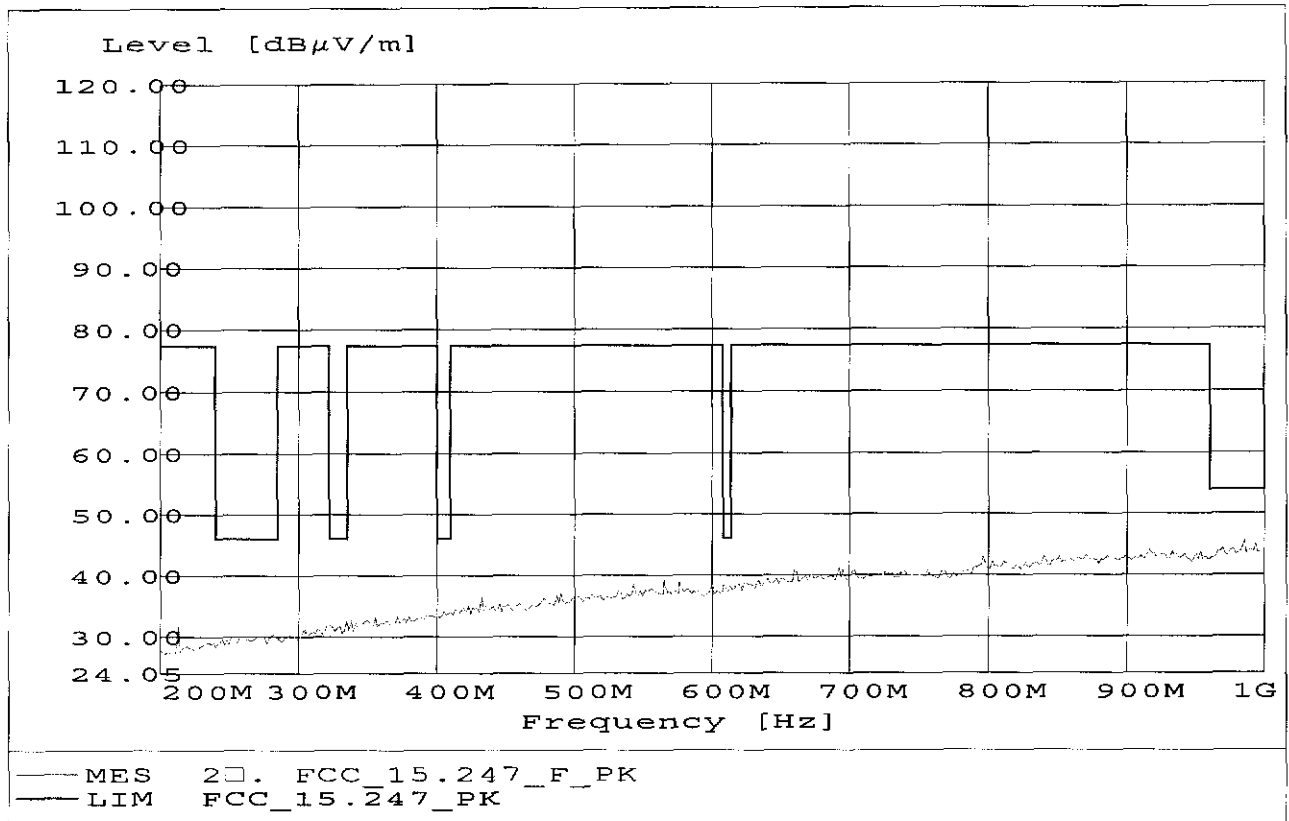
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Start of Test: Freq: 985.571MHz, Emax: 45.54dBμV/m, RBW: 100kHz



Diagrams Radiated Emissions Transceiver

Mode DSSS CW, average measurements, antenna horizontal

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

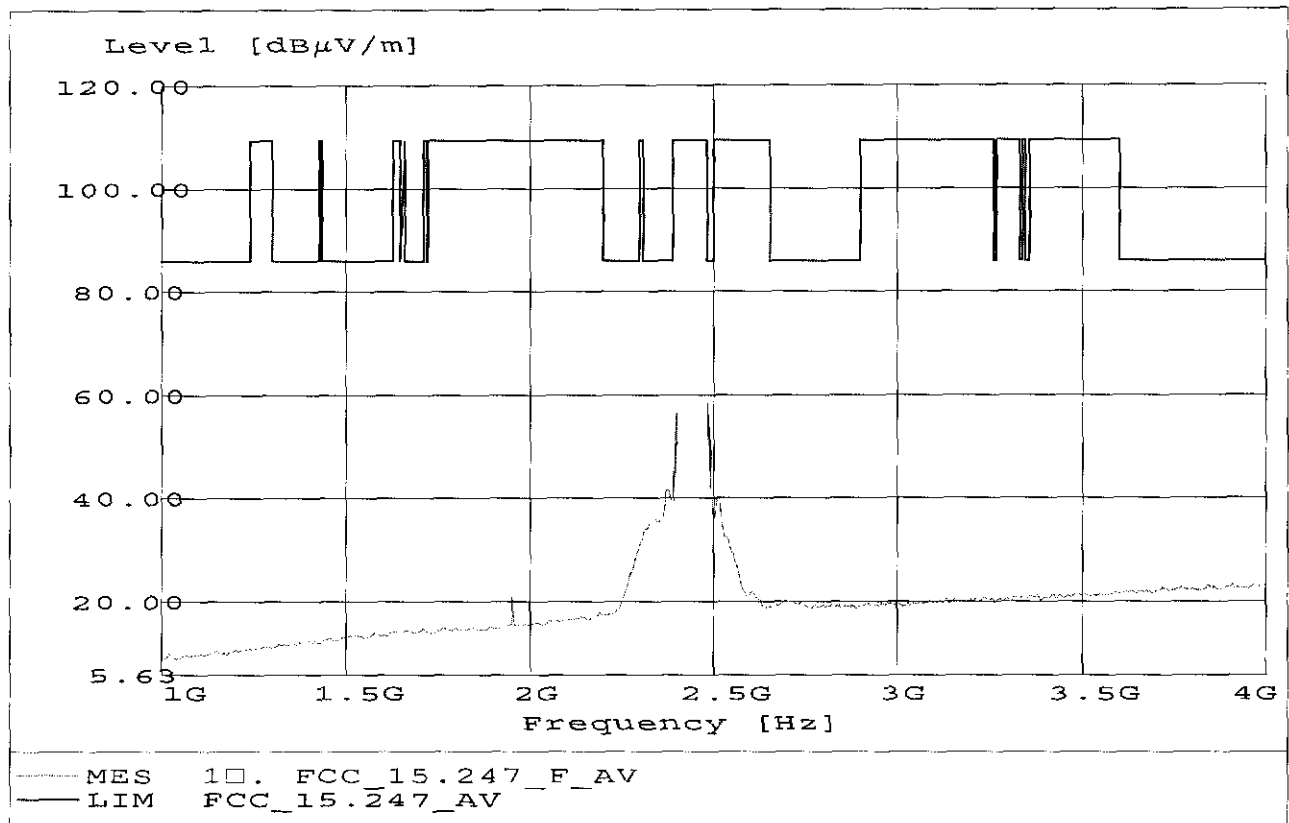
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.484GHz, Emax: 58.51dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

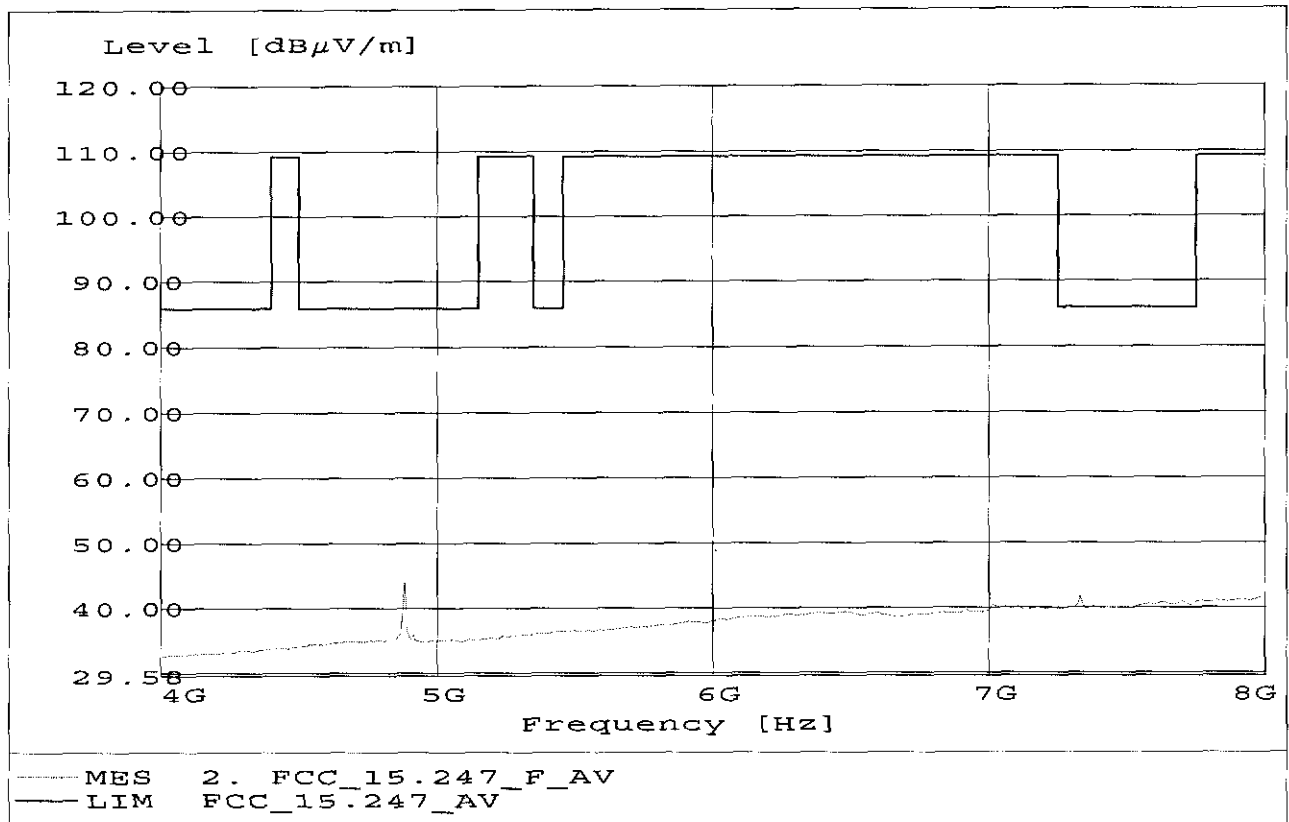
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 4.882GHz, Emax: 44.08dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

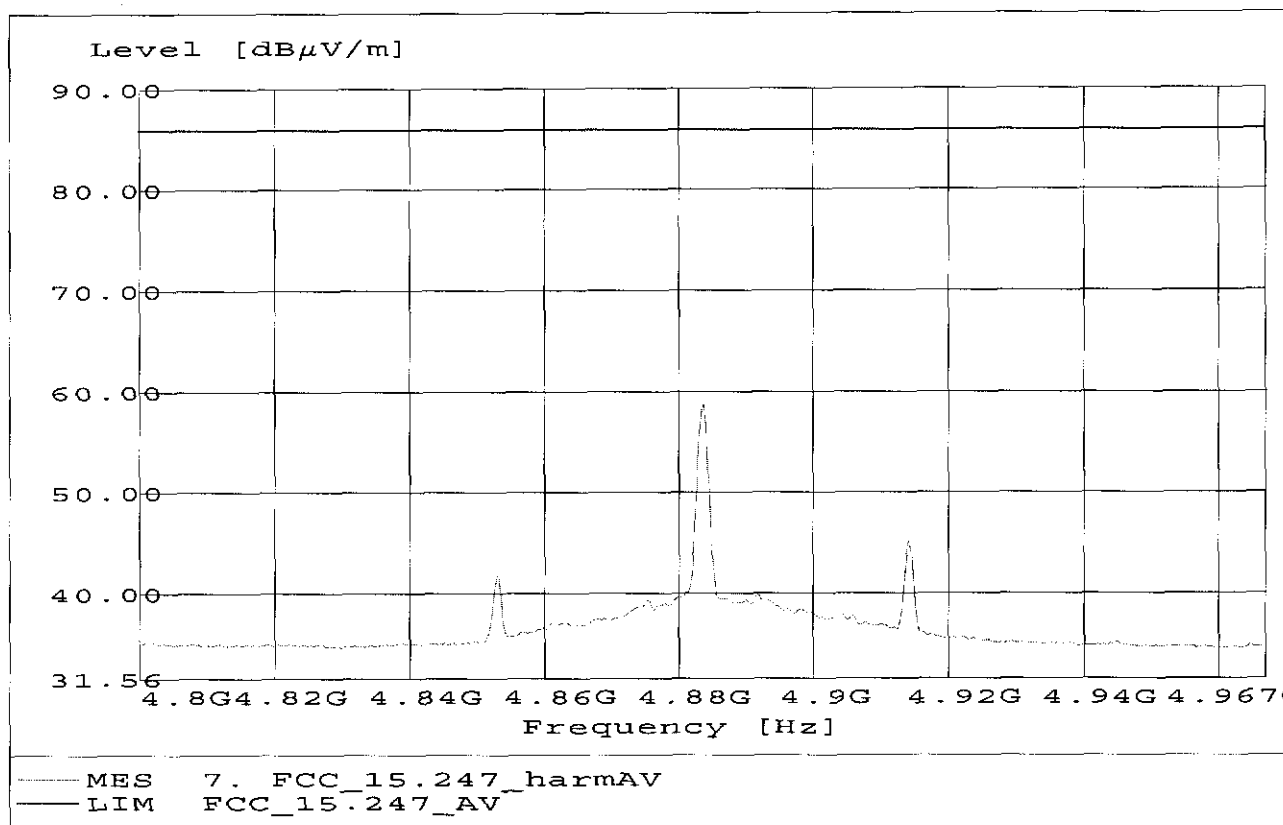
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 4.884GHz, Emax: 58.71dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

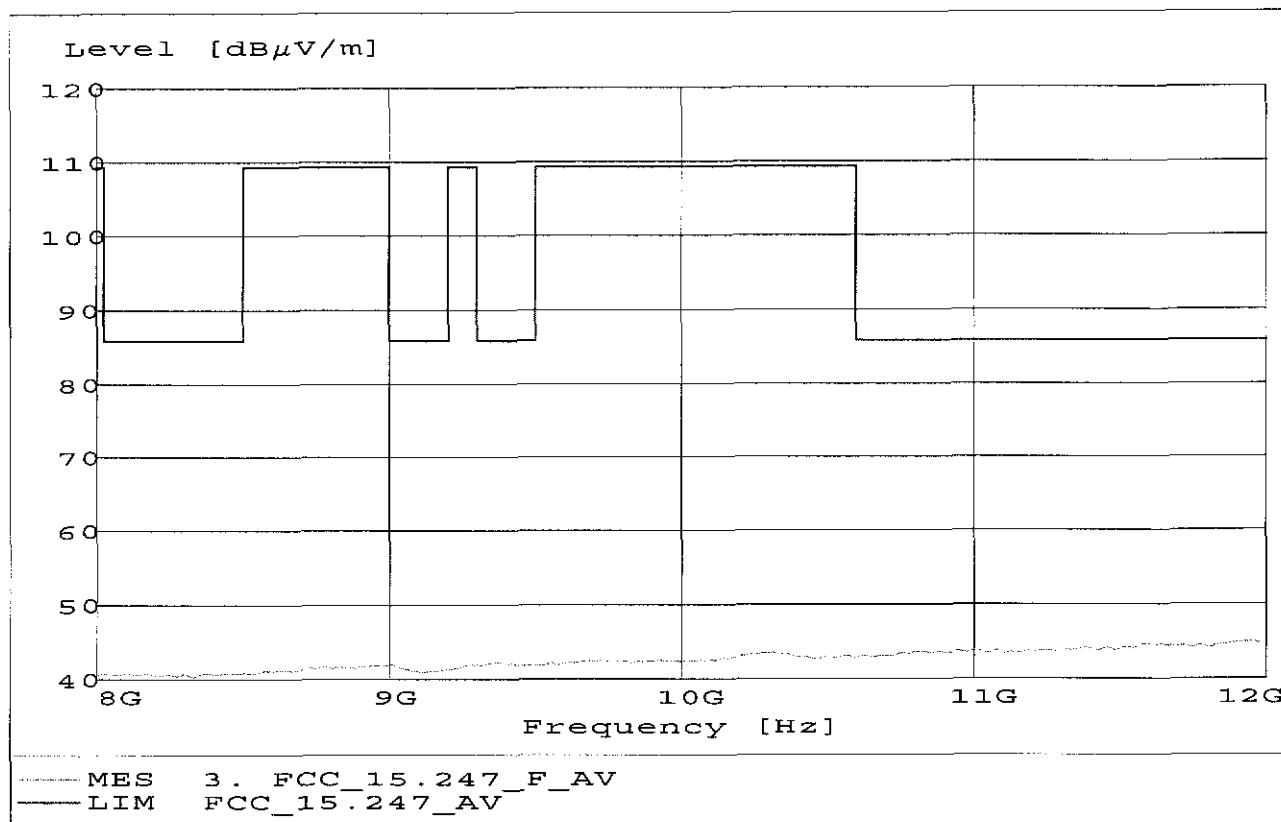
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.952GHz, Emax: 45.01dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

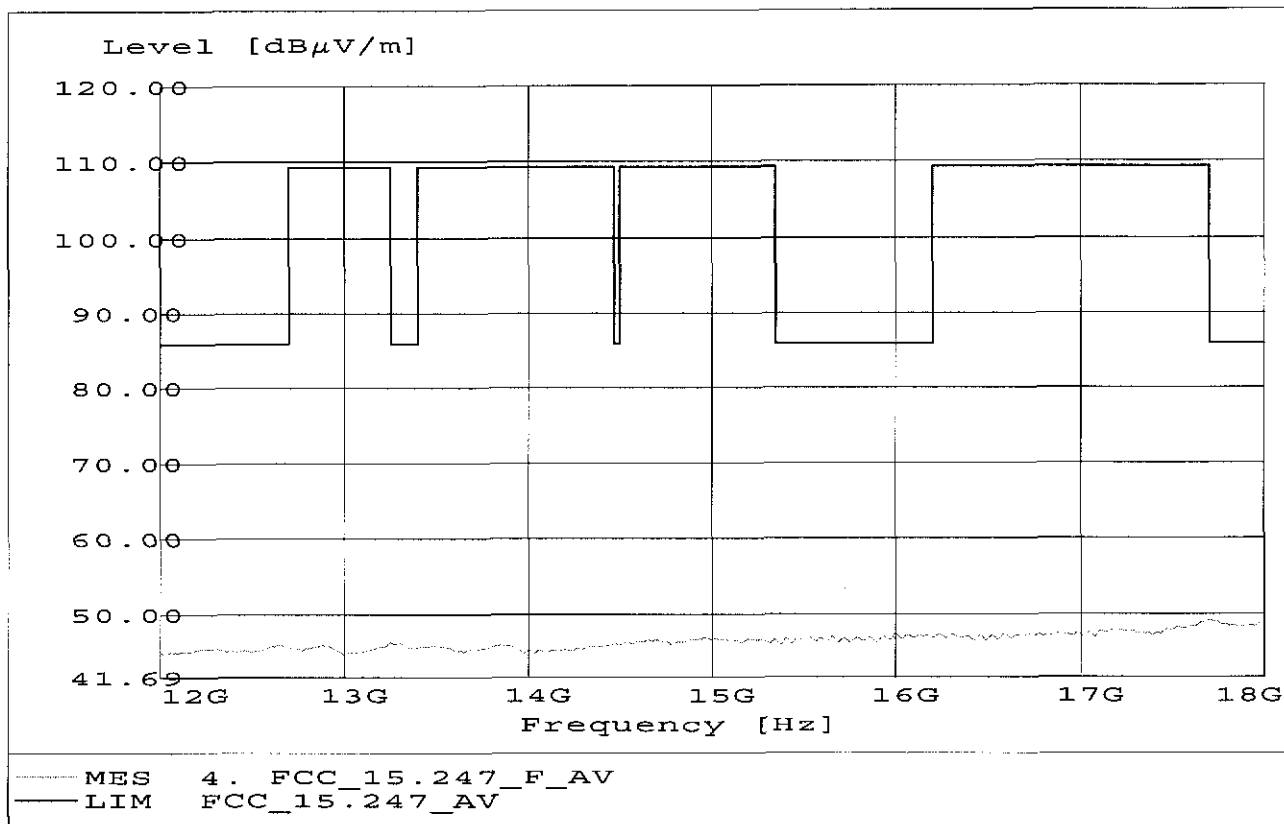
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.699GHz, Emax: 49.18dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

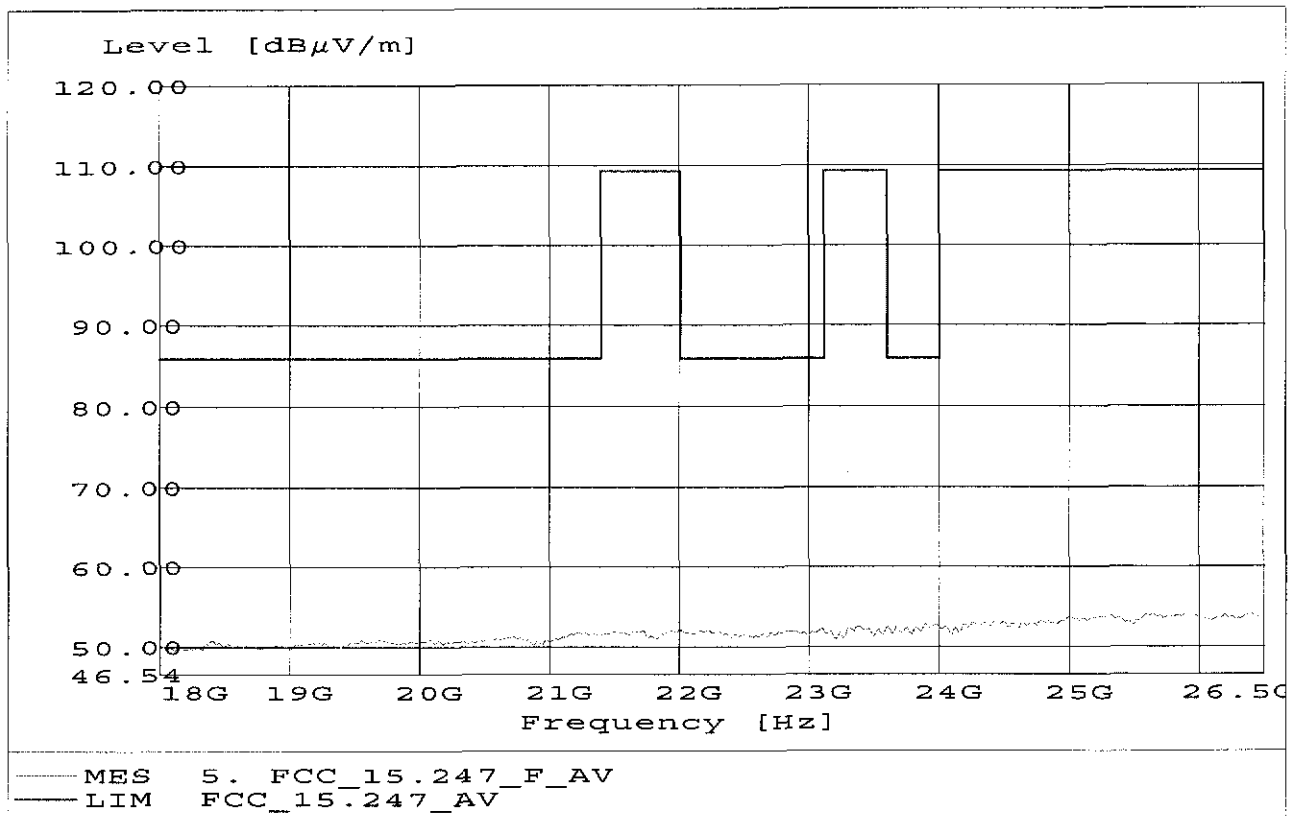
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 25.921GHz, Emax: 54.20dBμV/m, RBW: 1MHz



Mode DSSS CW, peak measurements, antenna vertical

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

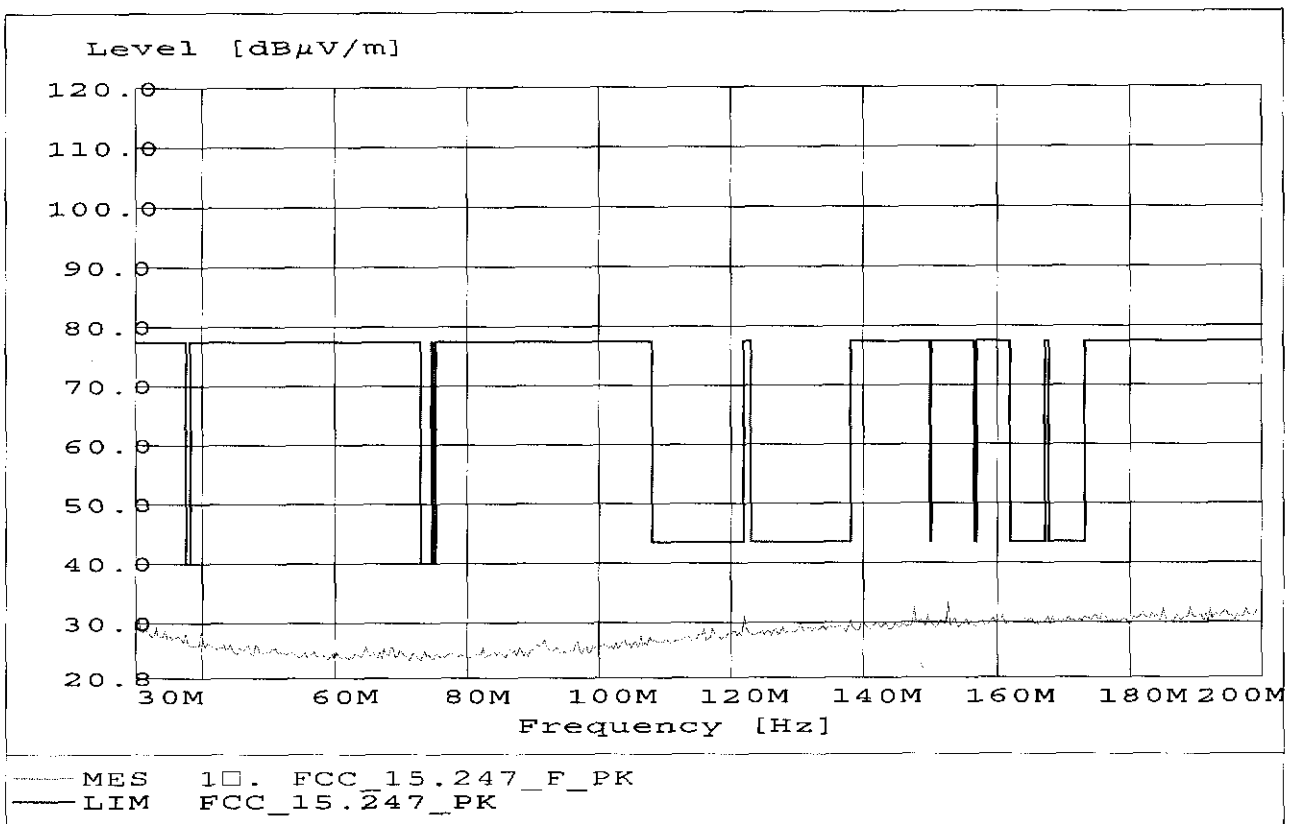
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116

Start of Test: Freq: 152.645MHz, Emax: 33.44dB $\mu\text{V/m}$, RBW: 100kHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer: WhereNet Corp.

20 dBm output power DSSS CW

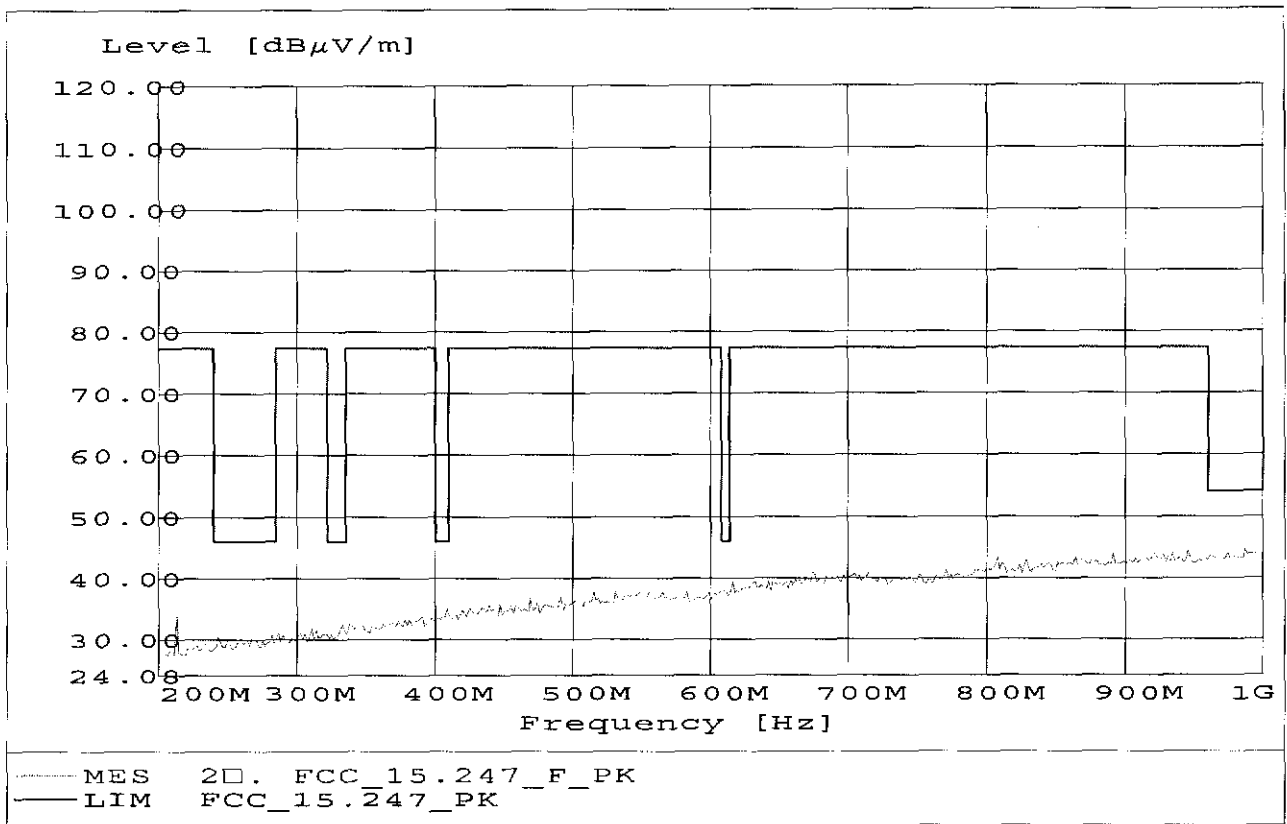
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Start of Test: Freq: 987.174MHz, Emax: 44.49dB $\mu\text{V/m}$, RBW: 100kHz



average antenna vertical

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

 20 dBm output power DSSS CW

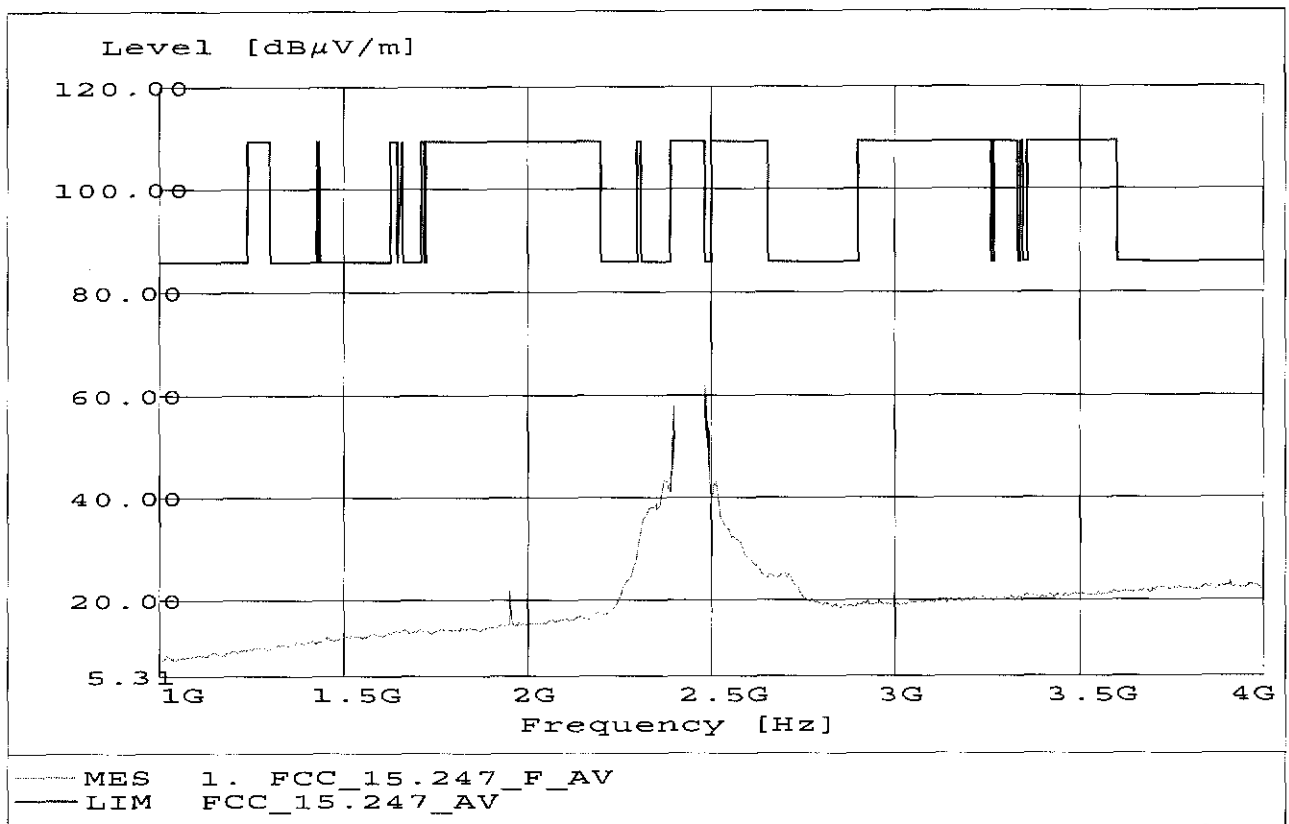
Operating Condition: *t nom=23°C V nom=3.6V DC*

Test Site / Operator: ETS / Mr. Schultze

Test Specification: *according to §15.247 / mode : TX*

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.484GHz, Emax: 61.96dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

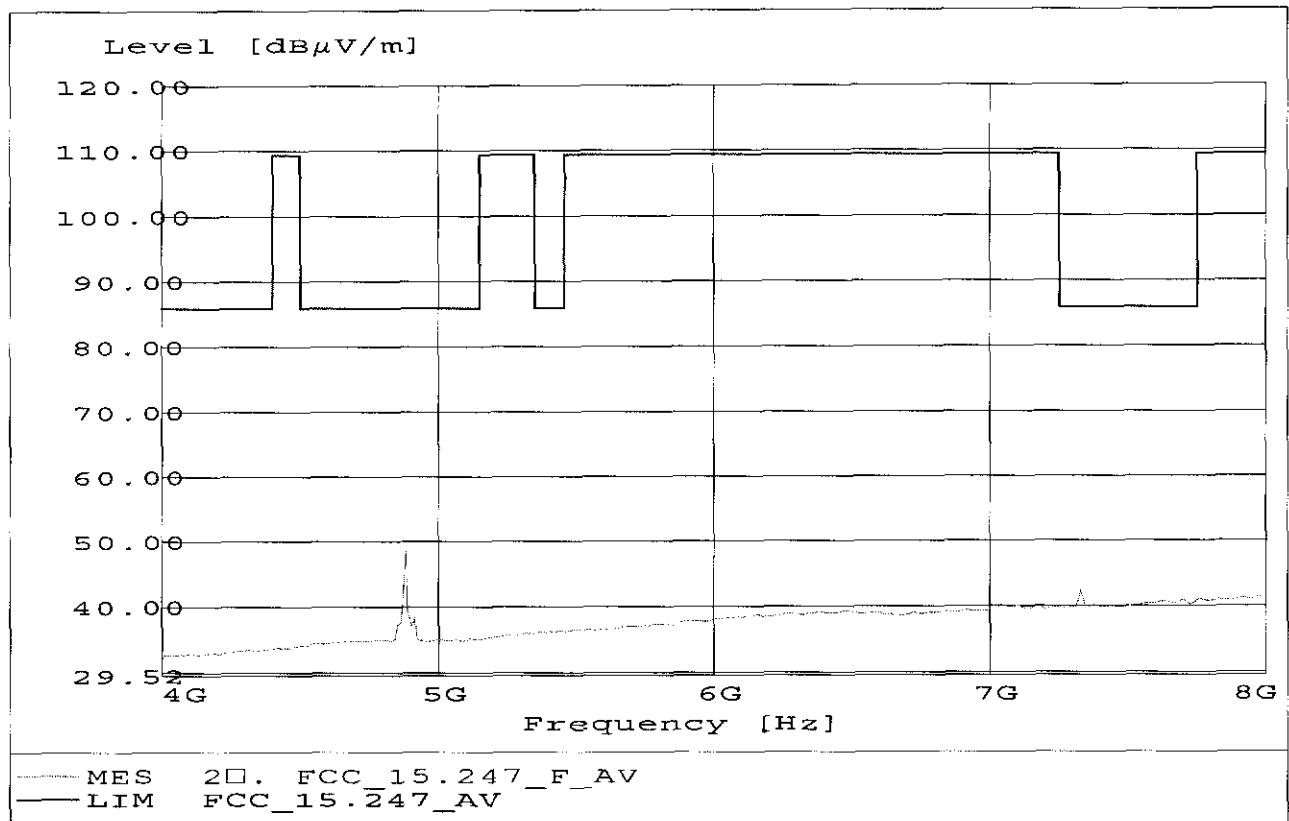
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 4.882GHz, Emax: 48.45dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

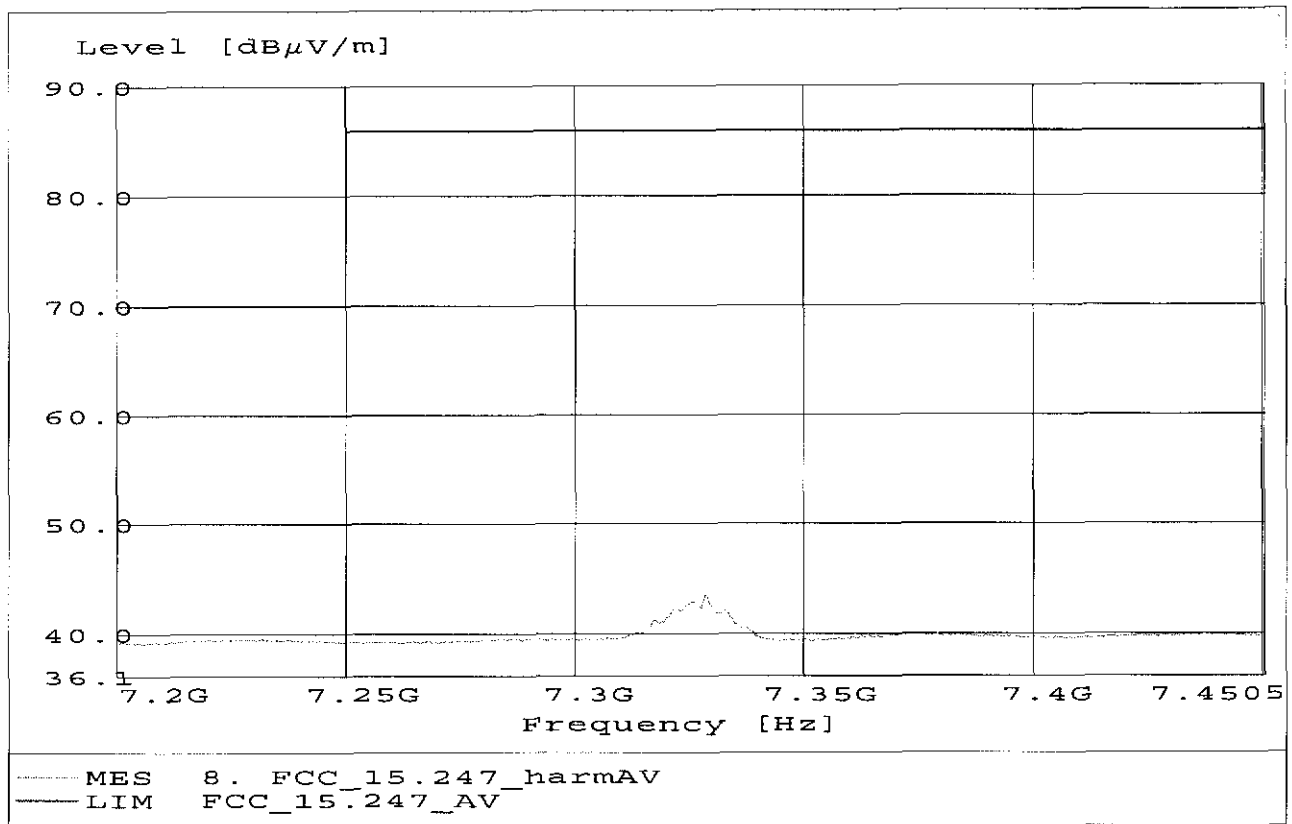
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 7.329GHz, Emax: 43.50dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

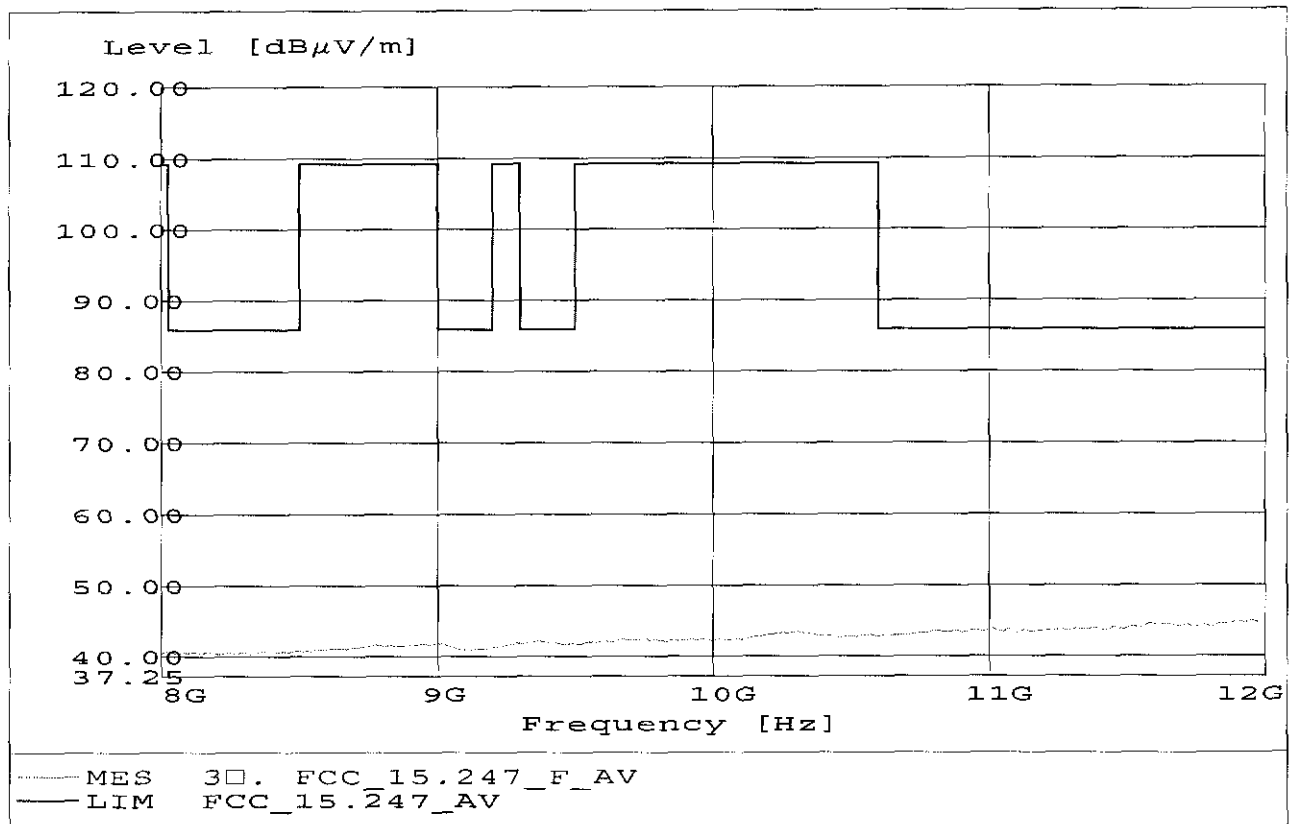
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.952GHz, Emax: 44.92dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

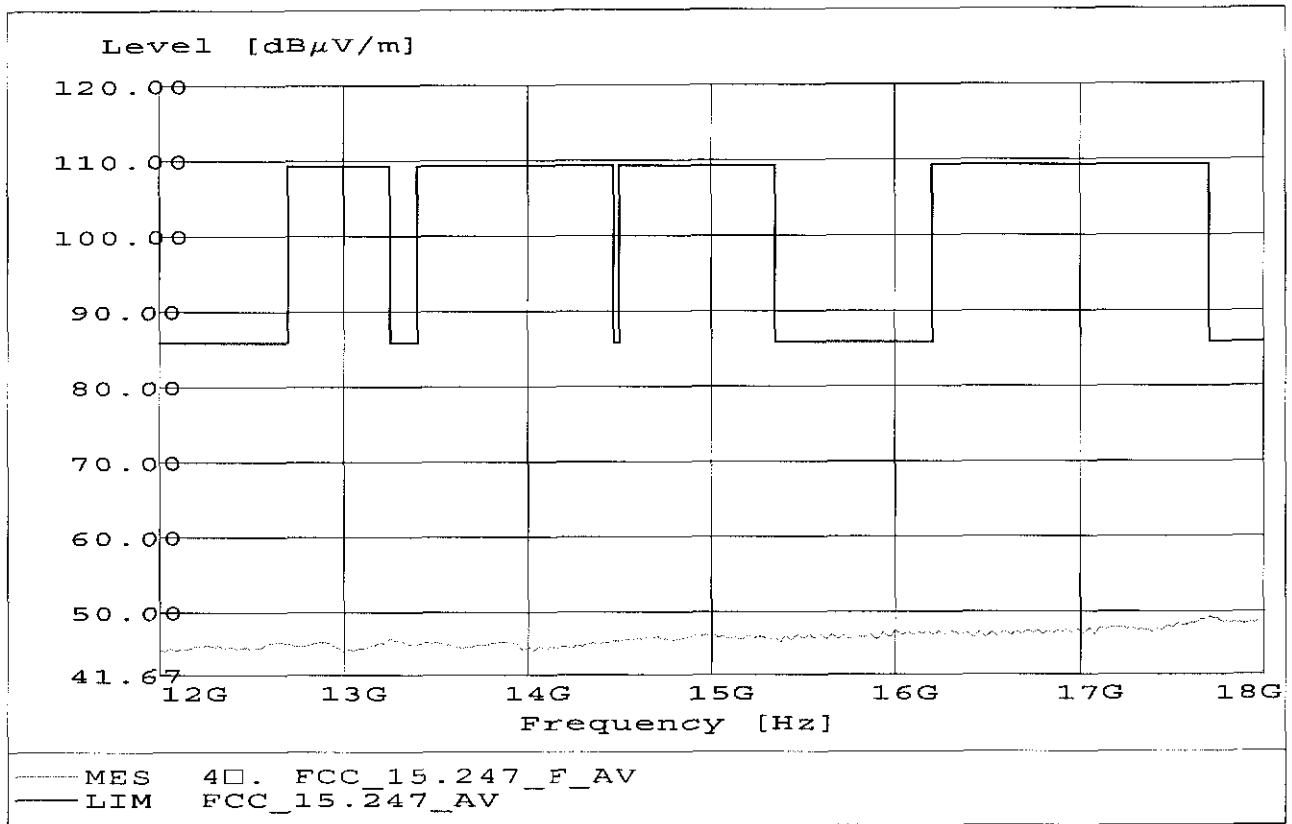
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.699GHz, Emax: 49.29dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS CW

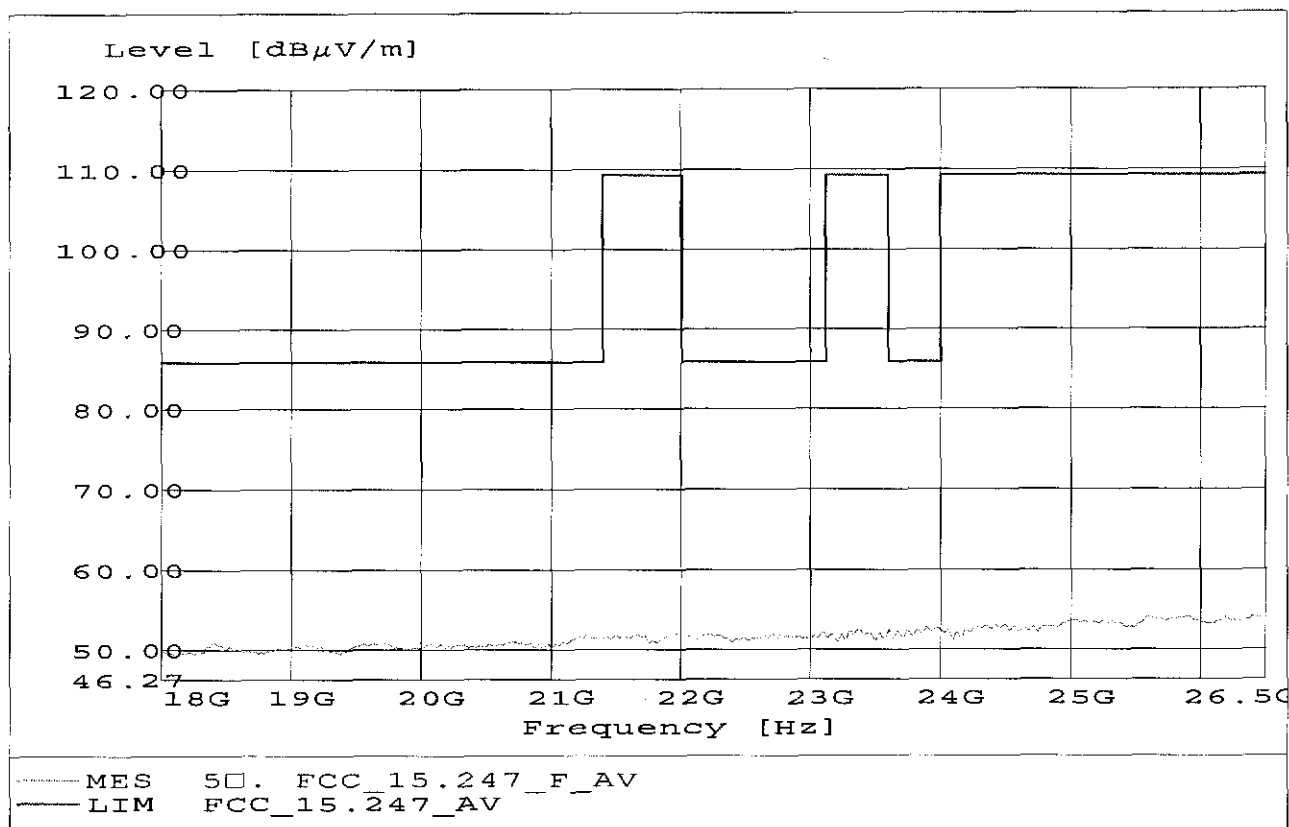
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 26.398GHz, Emax: 54.15dB $\mu\text{V/m}$, RBW: 1MHz



Signal Fieldstrength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

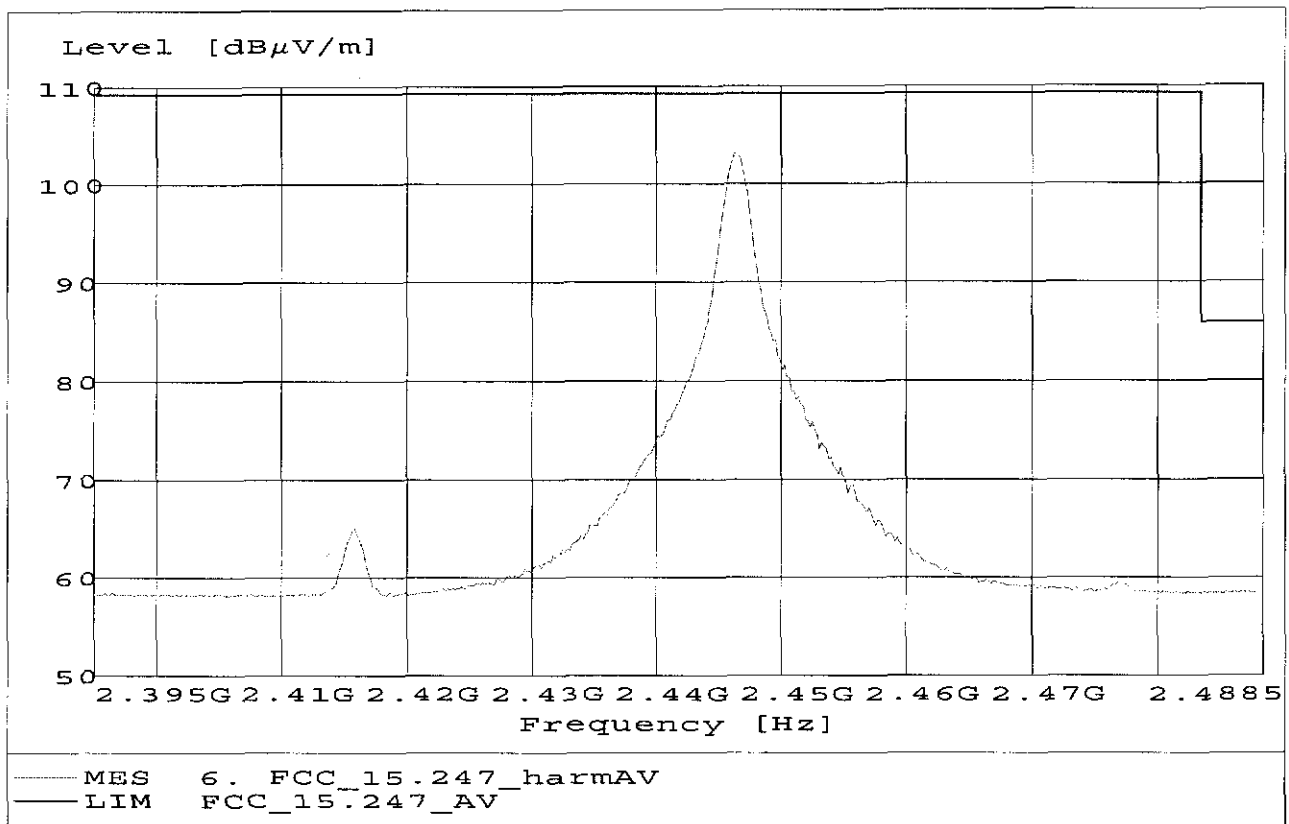
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025

Start of Test: Freq: 2.446GHz, Emax: 103.11dB μ V/m, RBW: 1MHz



Mode DSSS OOK, peak measurements, antenna horizontal

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

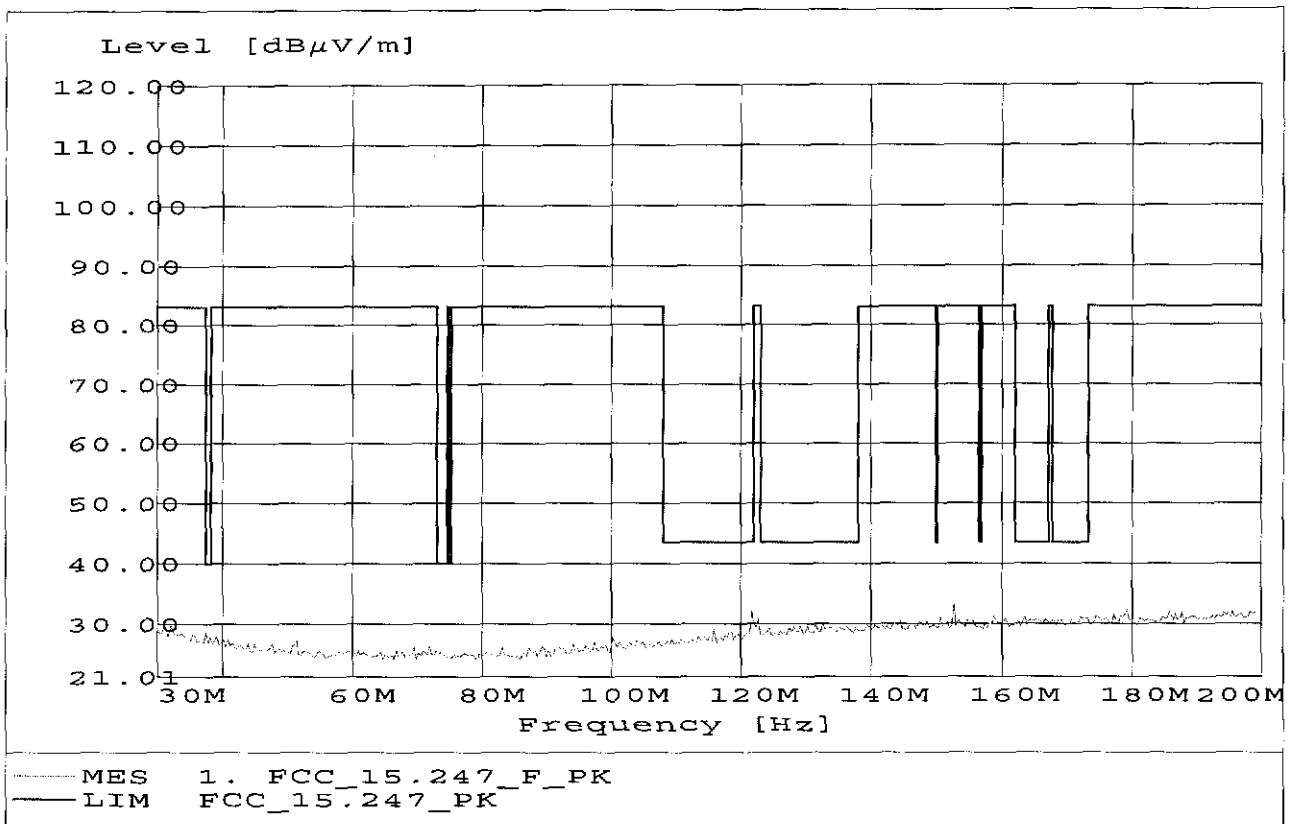
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116

Start of Test: Freq: 152.645MHz, Emax: 33.17dB μ V/m, RBW: 100kHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

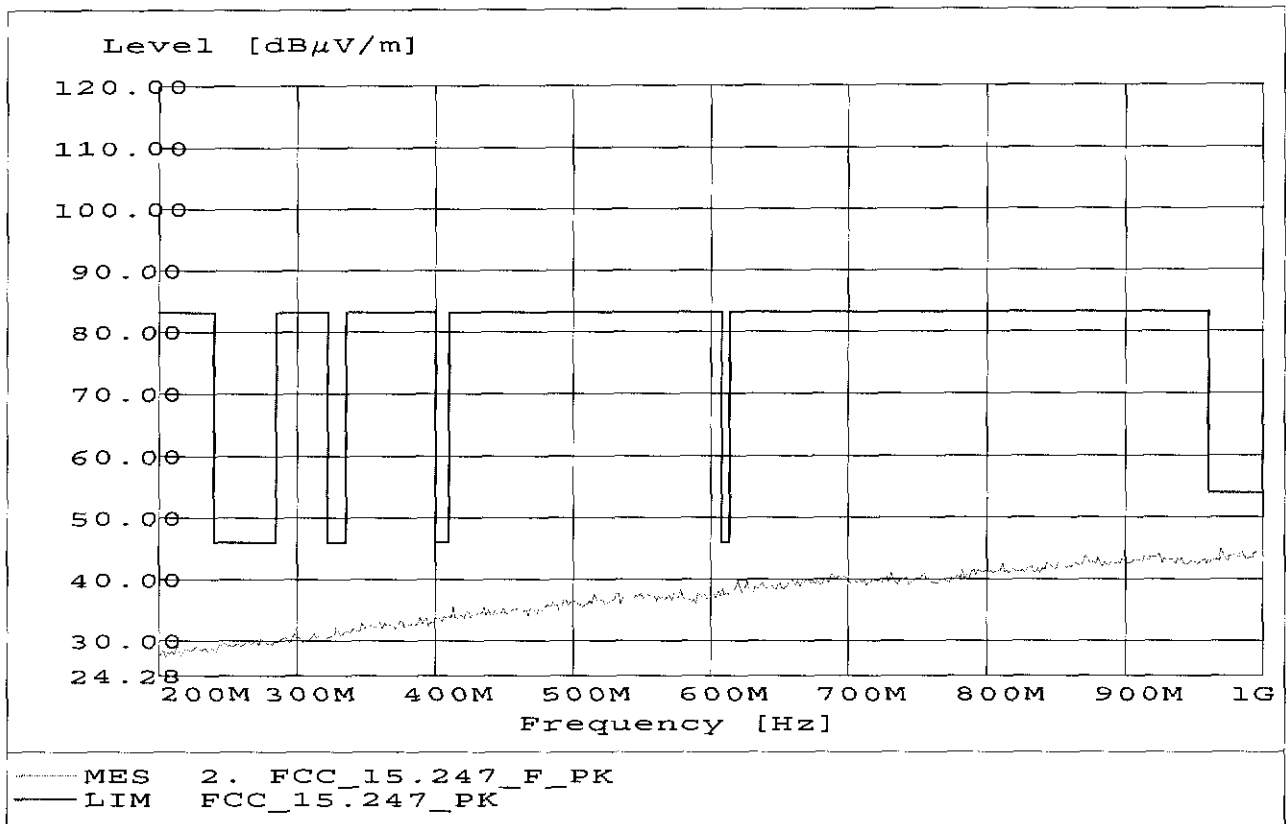
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Start of Test: Freq: 969.539MHz, Emax: 44.88dB μ V/m, RBW: 100kHz



Mode DSSS OOK, average measurements, antenna vertical

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

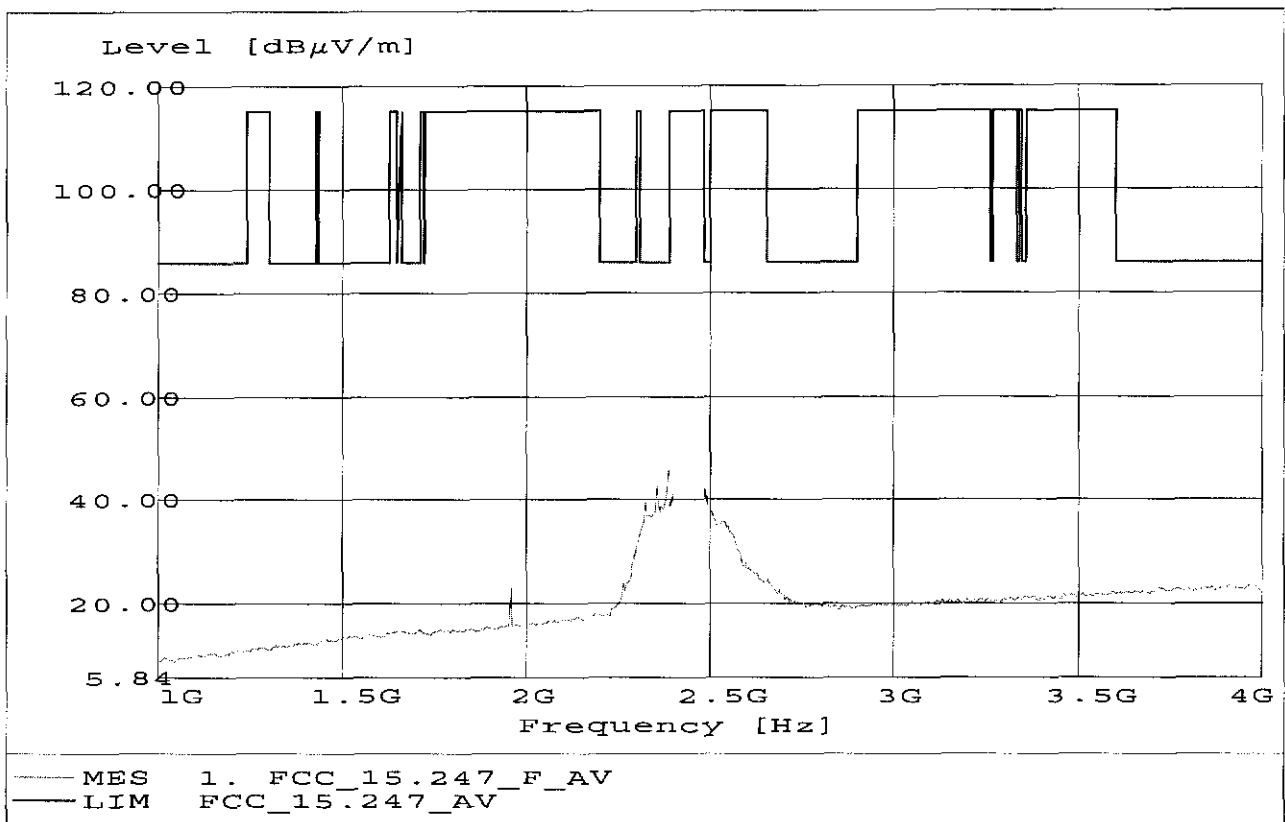
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.387GHz, Emax: 45.80dB $\mu\text{V/m}$, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

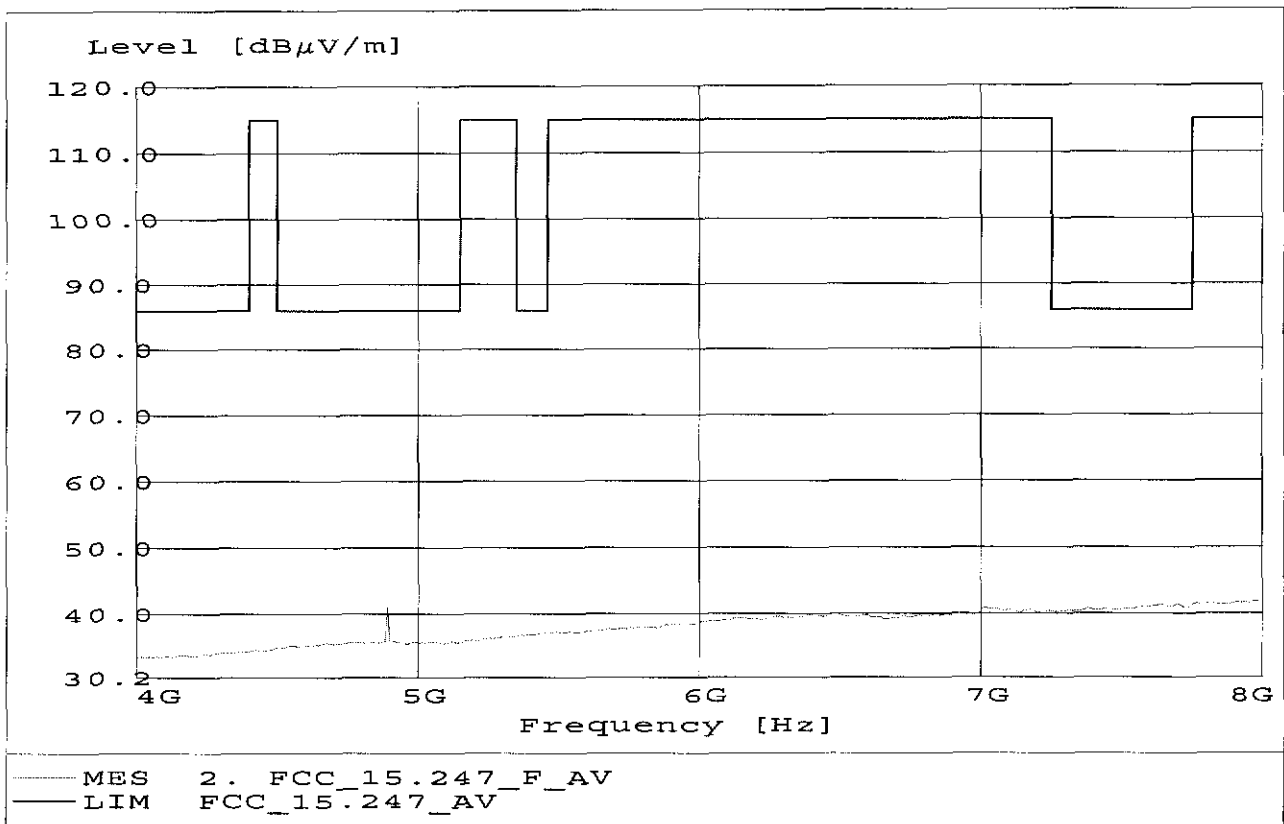
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 7.976GHz, Emax: 41.83dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

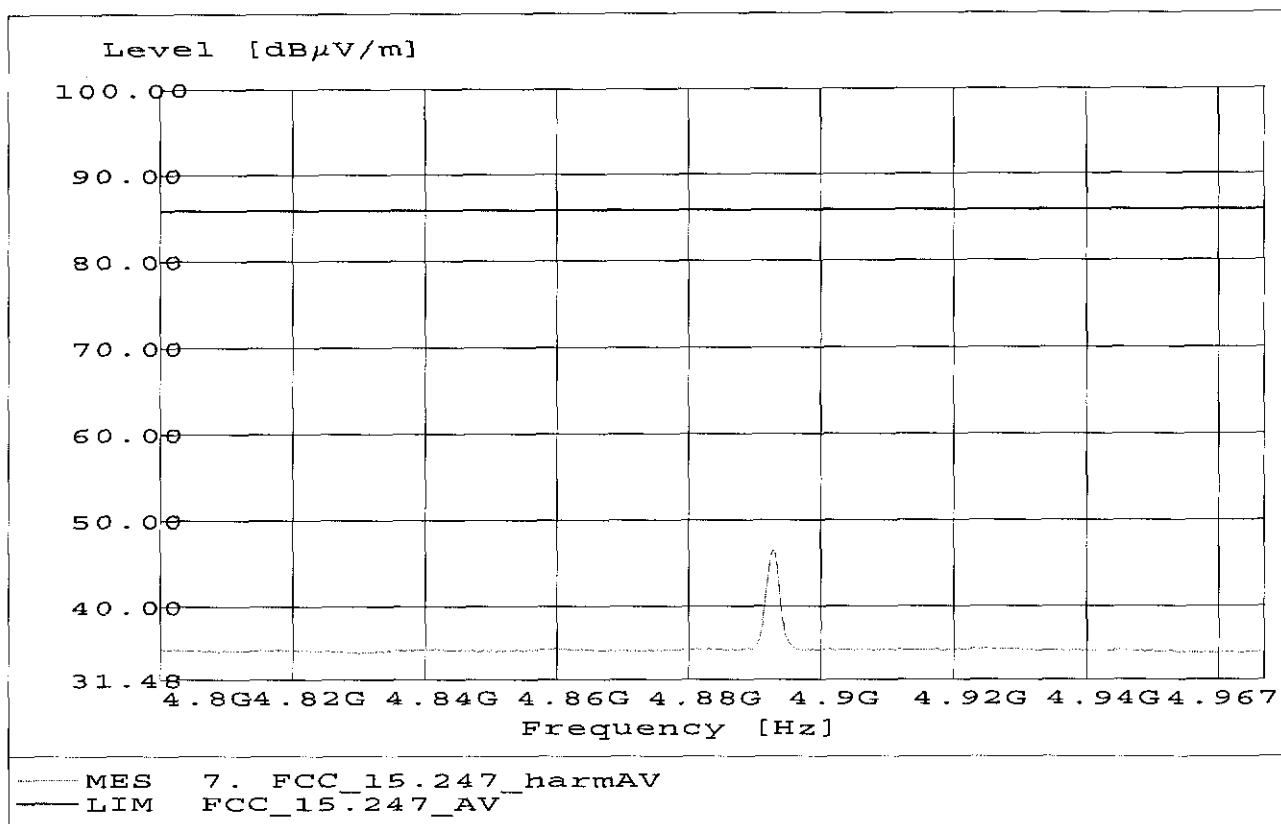
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 4.893GHz, Emax: 46.45dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

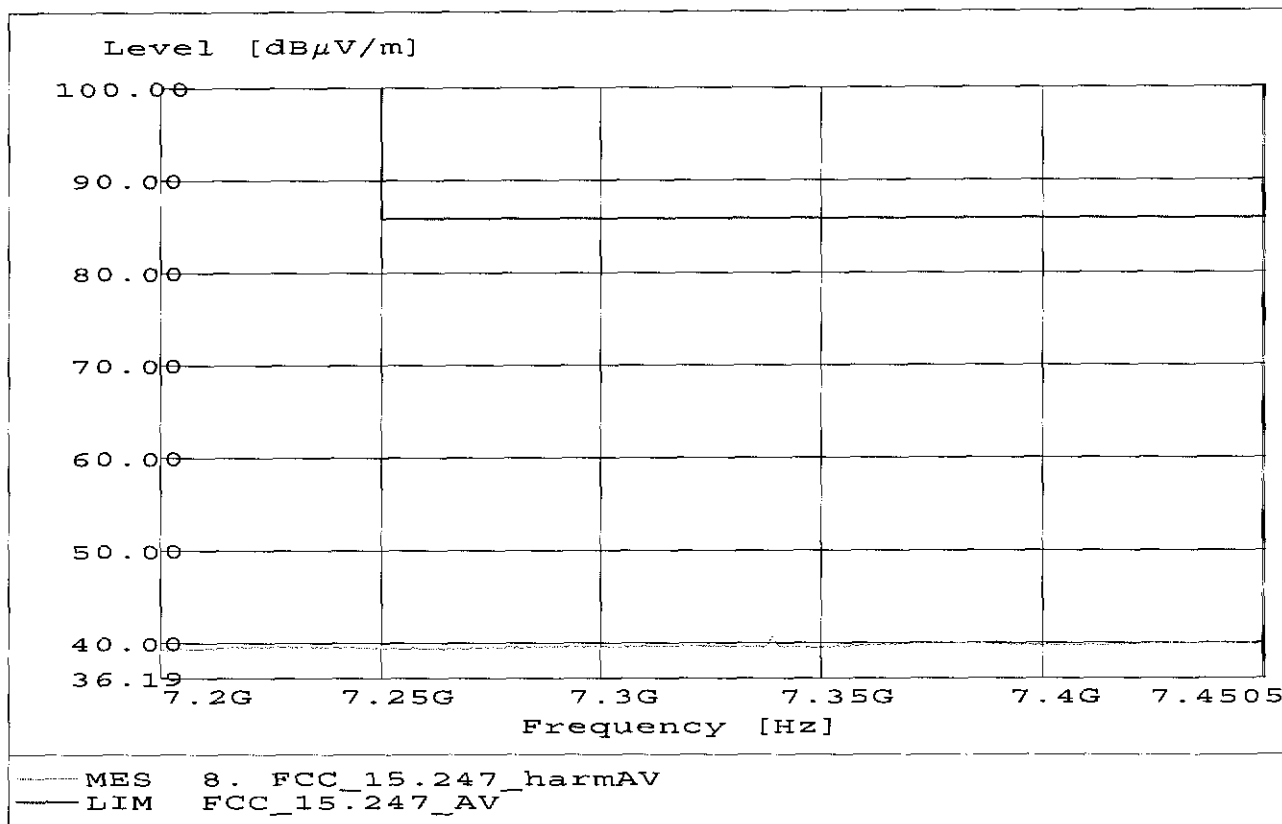
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 7.339GHz, Emax: 40.68dBμV/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

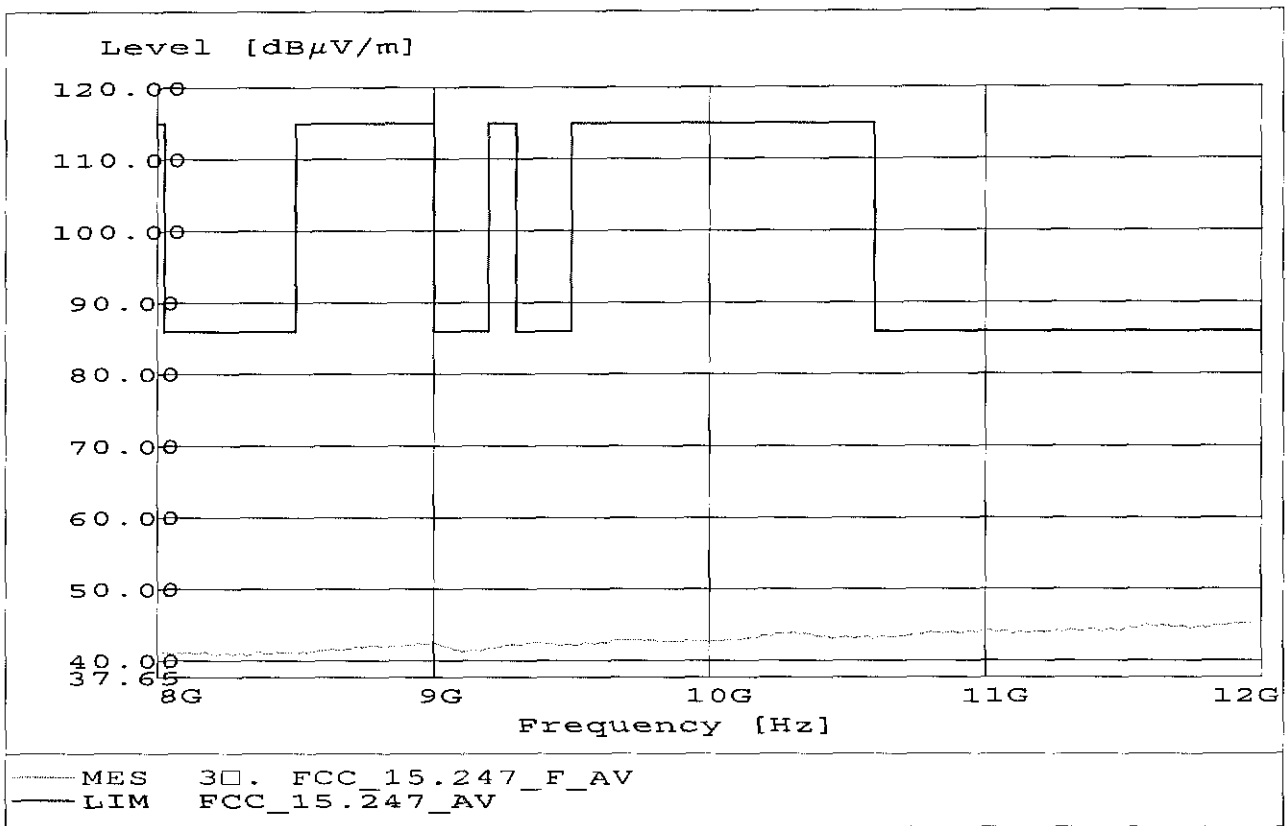
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.952GHz, Emax: 45.28dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

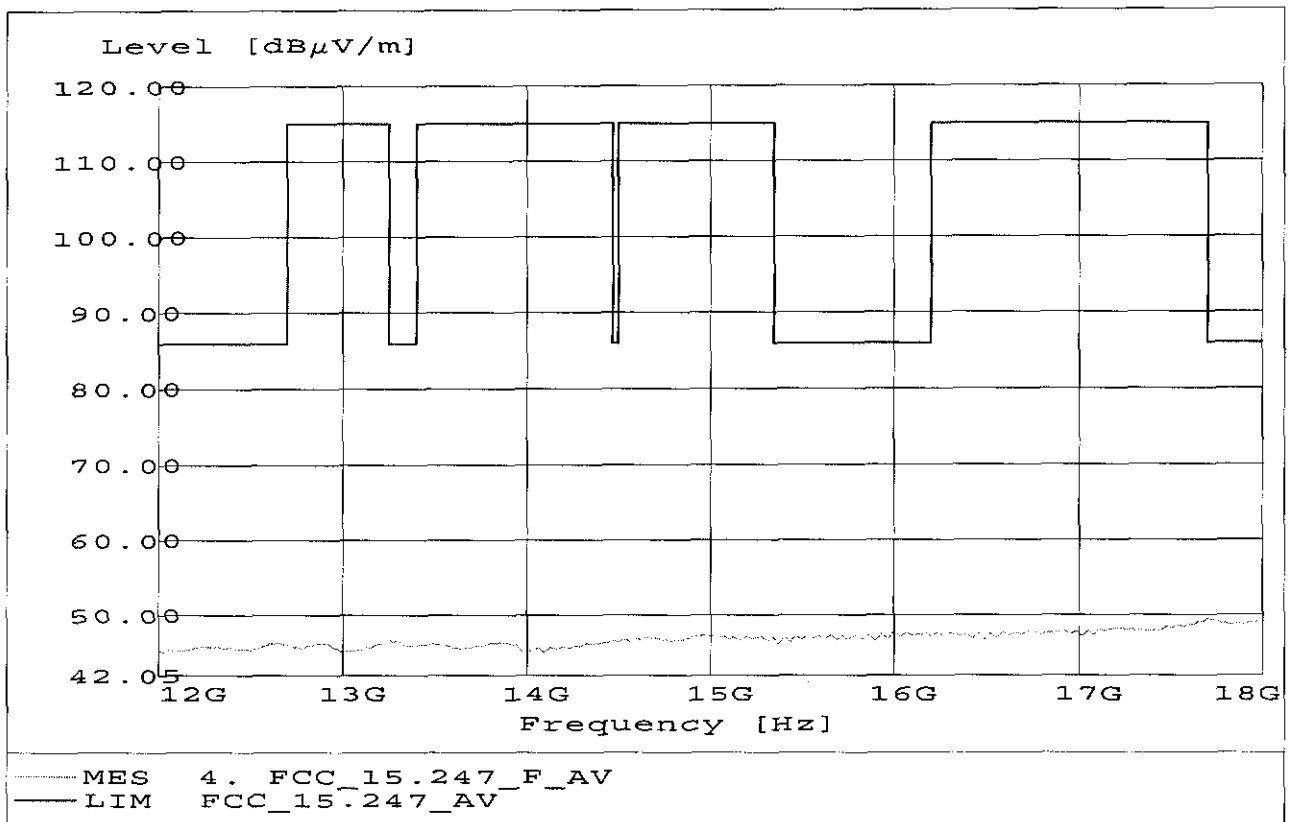
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.699GHz, Emax: 49.50dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

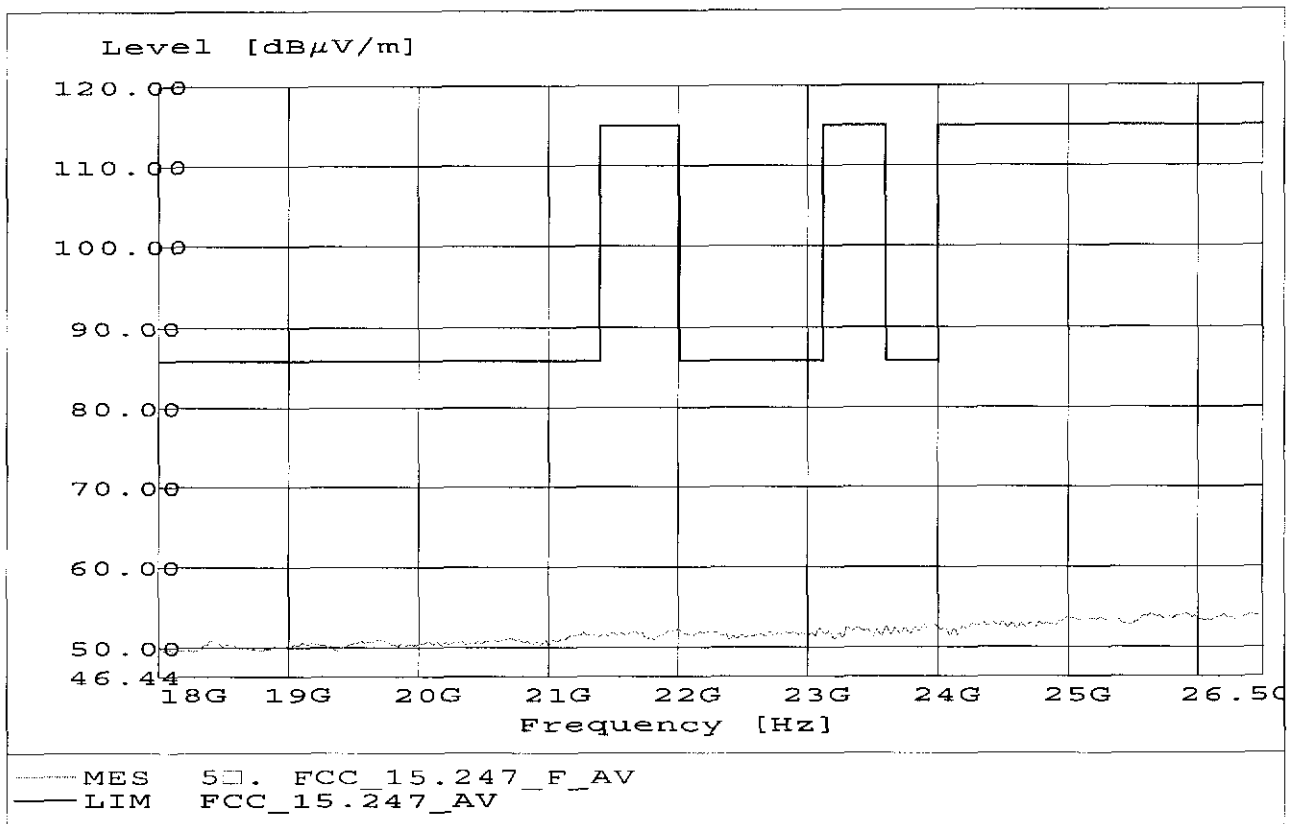
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 25.904GHz, Emax: 54.17dB μ V/m, RBW: 1MHz



Mode DSSS OOK, peak measurements, antenna vertical

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

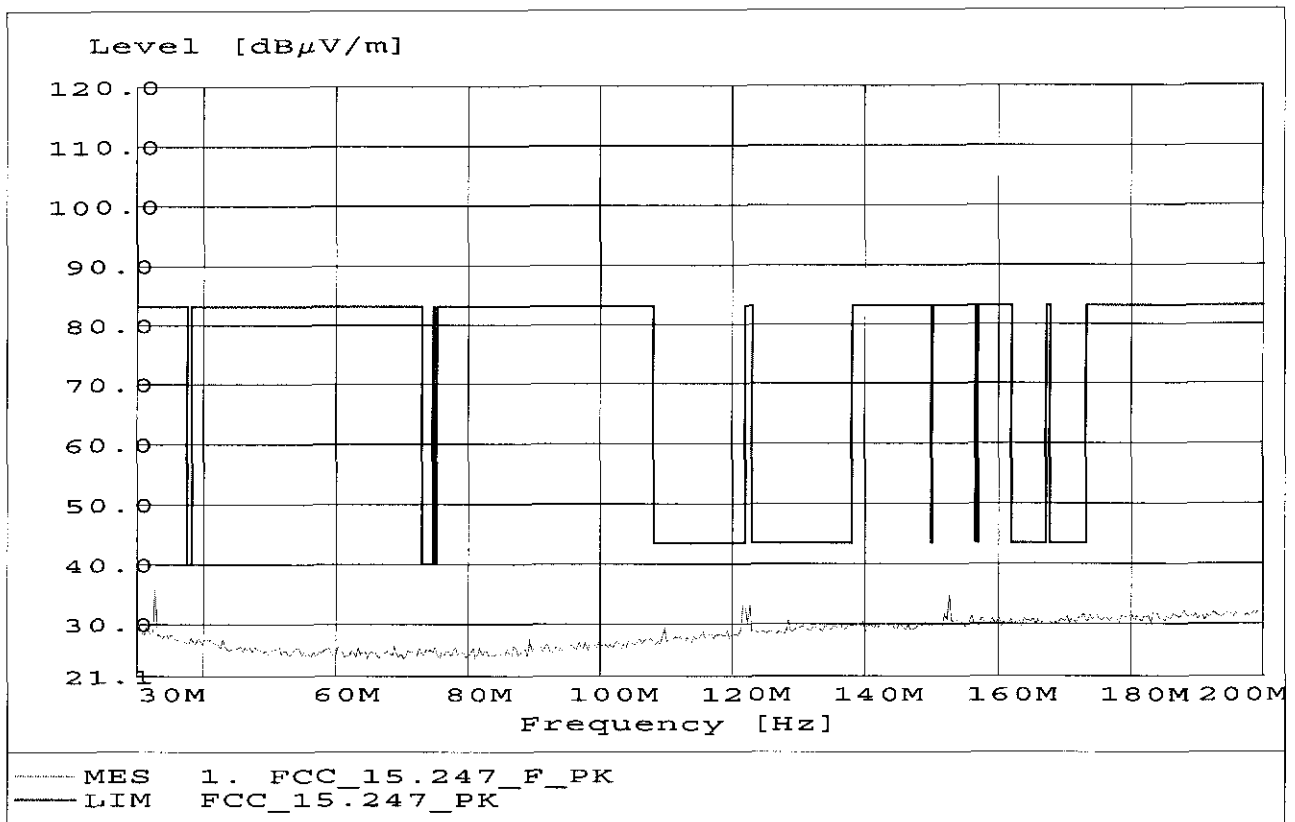
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HK 116

Start of Test: Freq: 32.725MHz, Emax: 36.28dB μ V/m, RBW: 100kHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

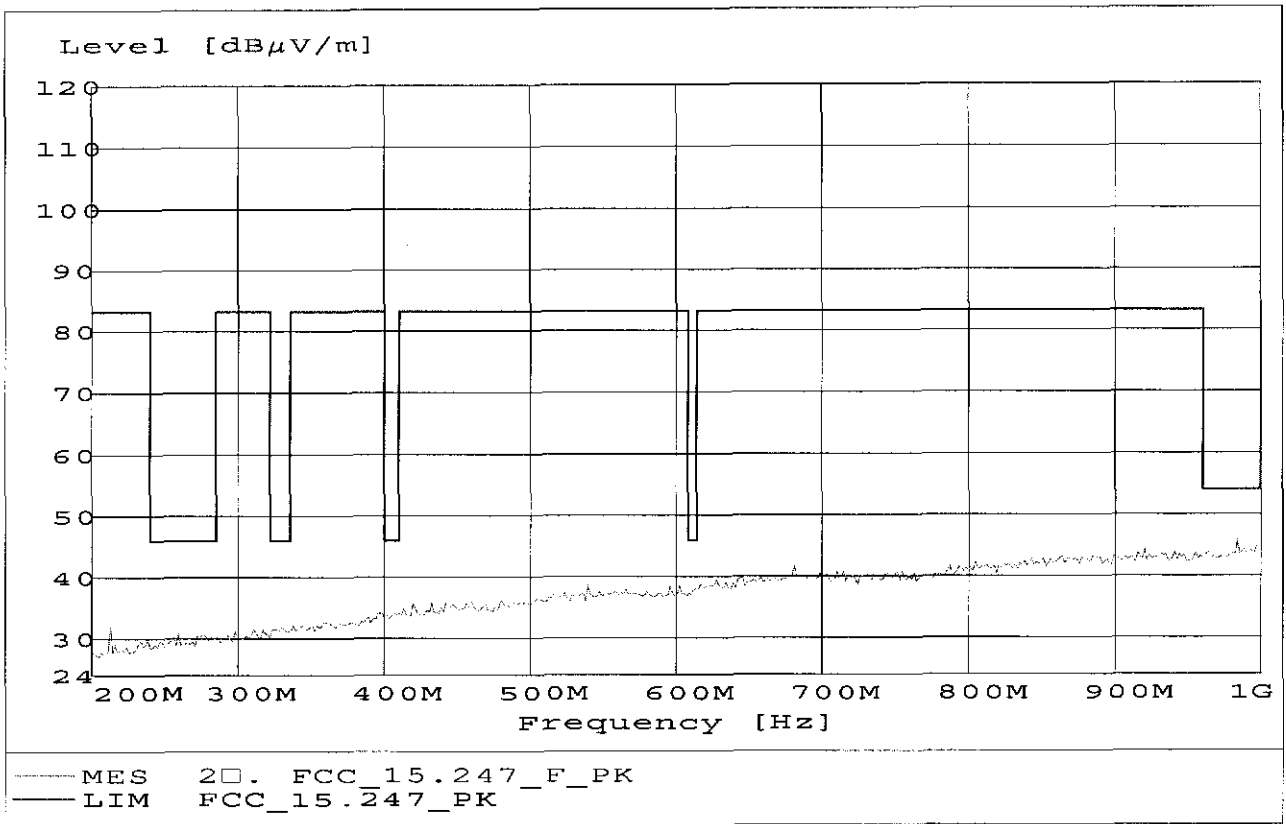
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode: Tx

Comment 1: Dist.: 3m, Ant.: HL 223, amplif.

Start of Test: Freq: 983.968MHz, Emax: 45.65dBμV/m, RBW: 100kHz



Mode DSSS OOK, average measurements, antenna horizontal

Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

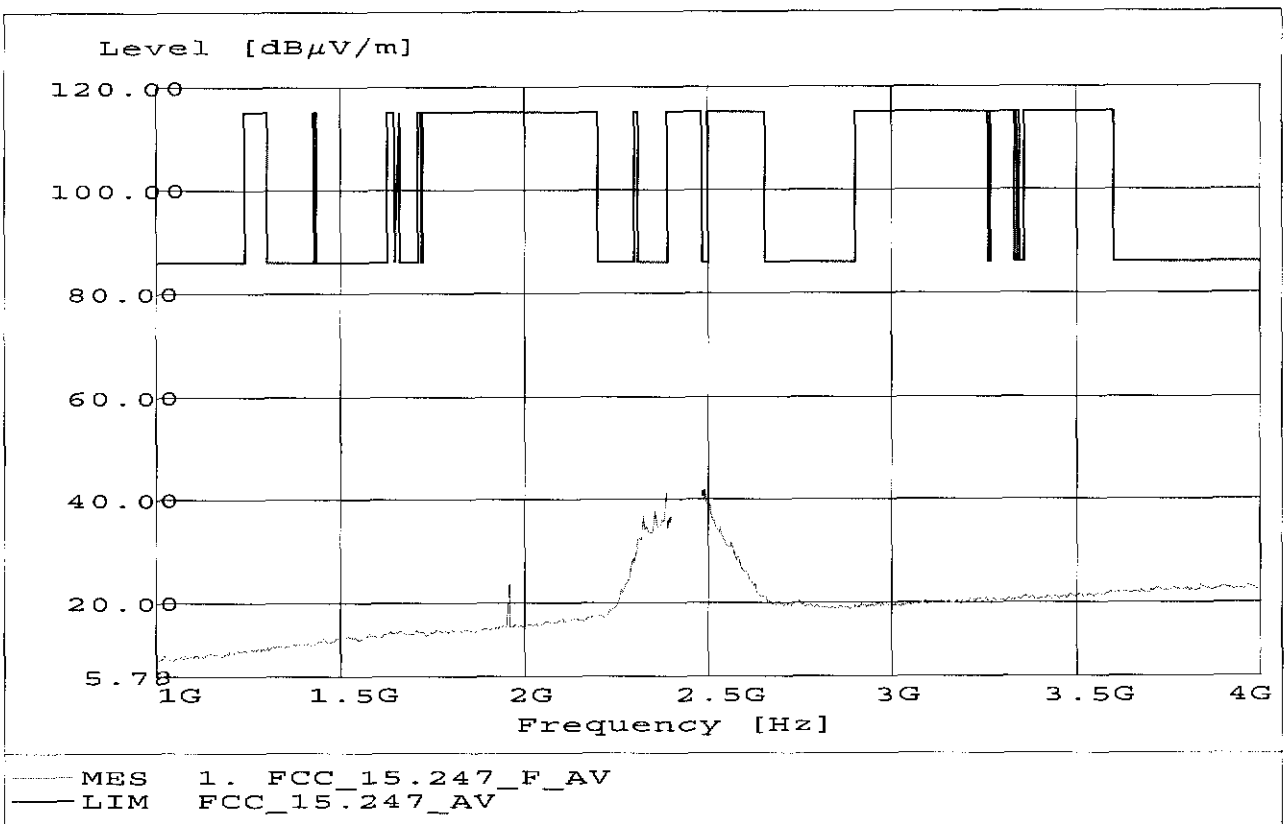
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.490GHz, Emax: 41.87dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

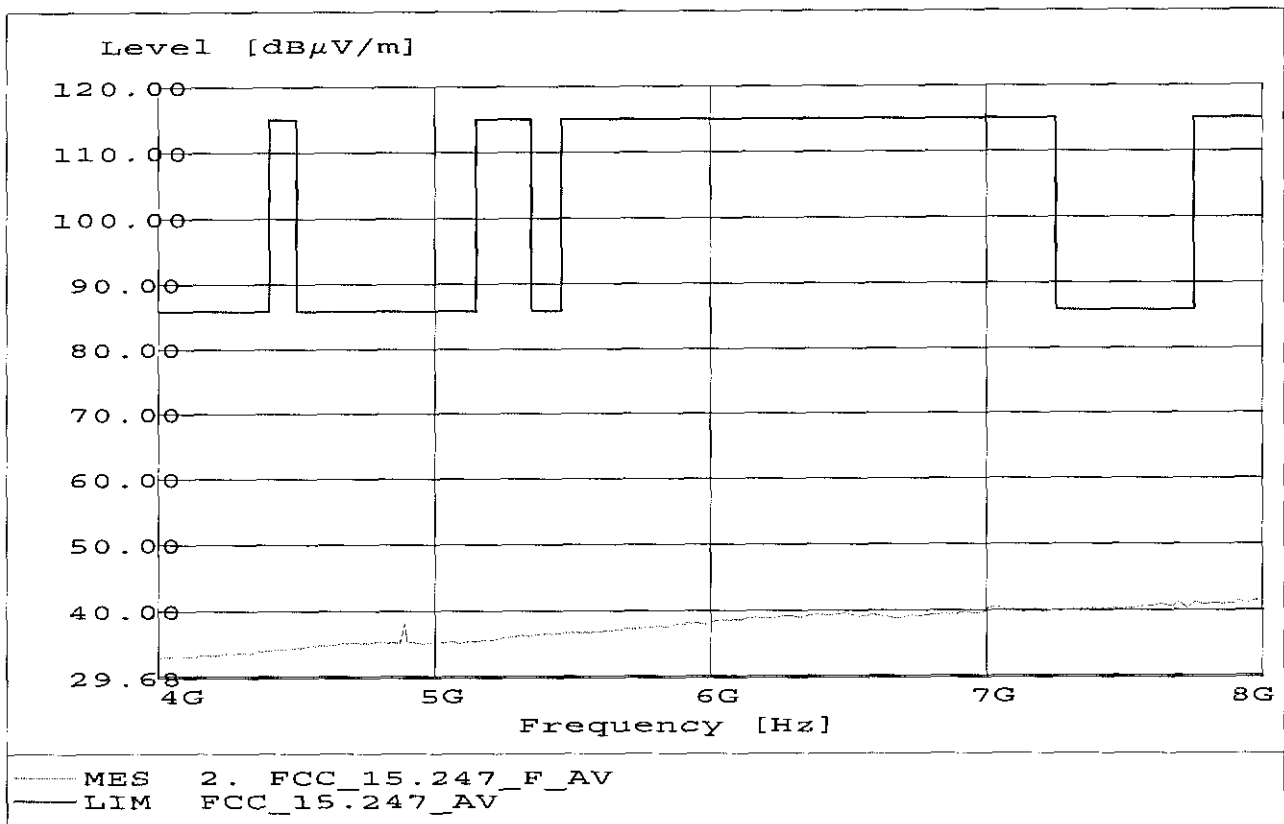
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 7.976GHz, Emax: 41.44dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

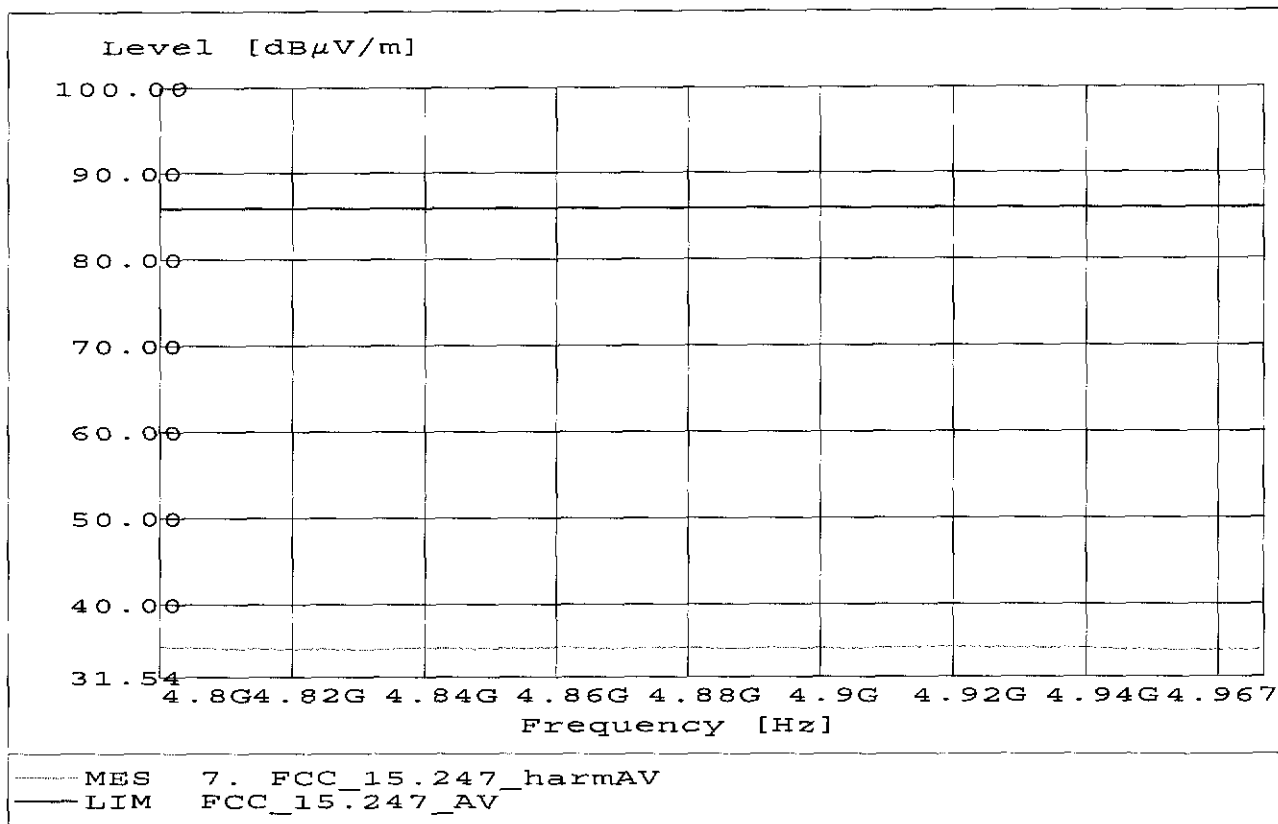
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 4.916GHz, Emax: 35.13dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

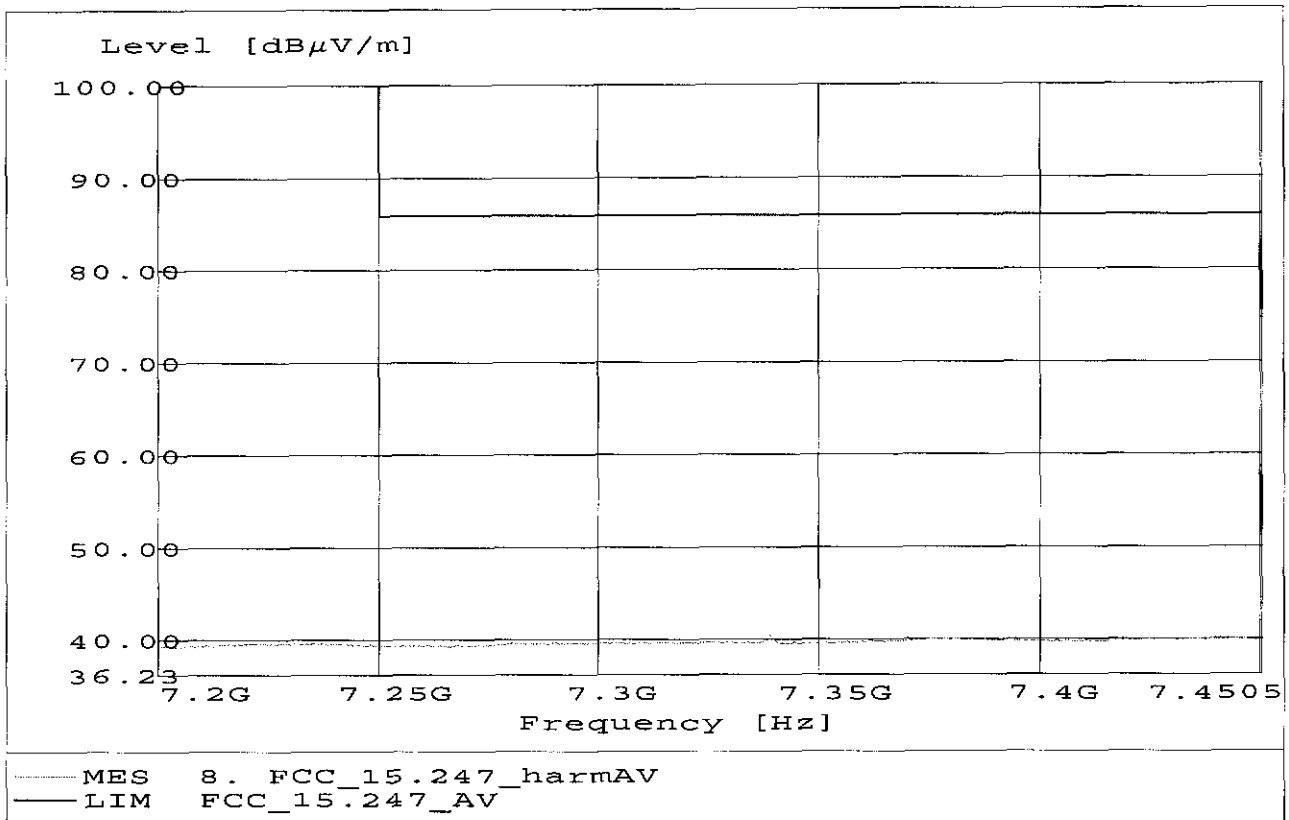
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 7.339GHz, Emax: 40.50dBμV/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

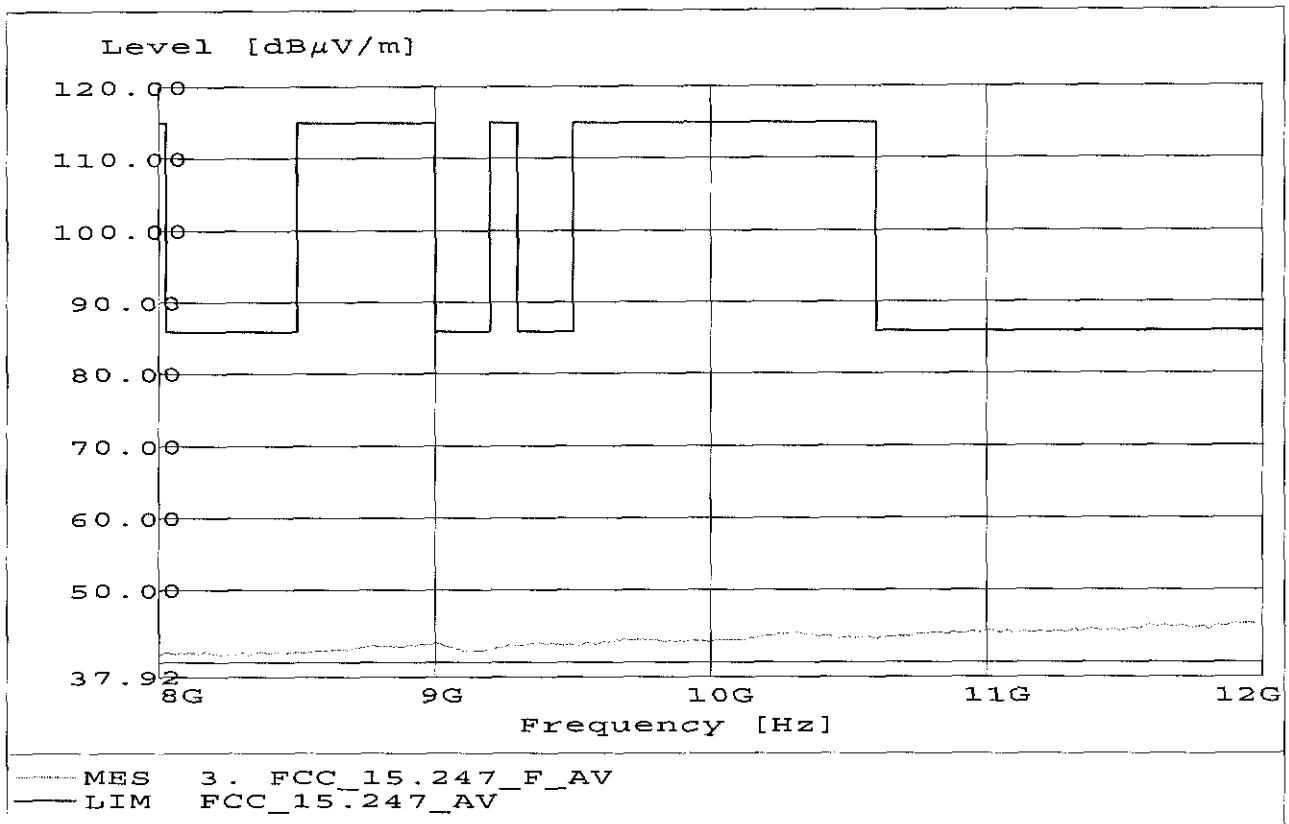
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.952GHz, Emax: 45.43dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

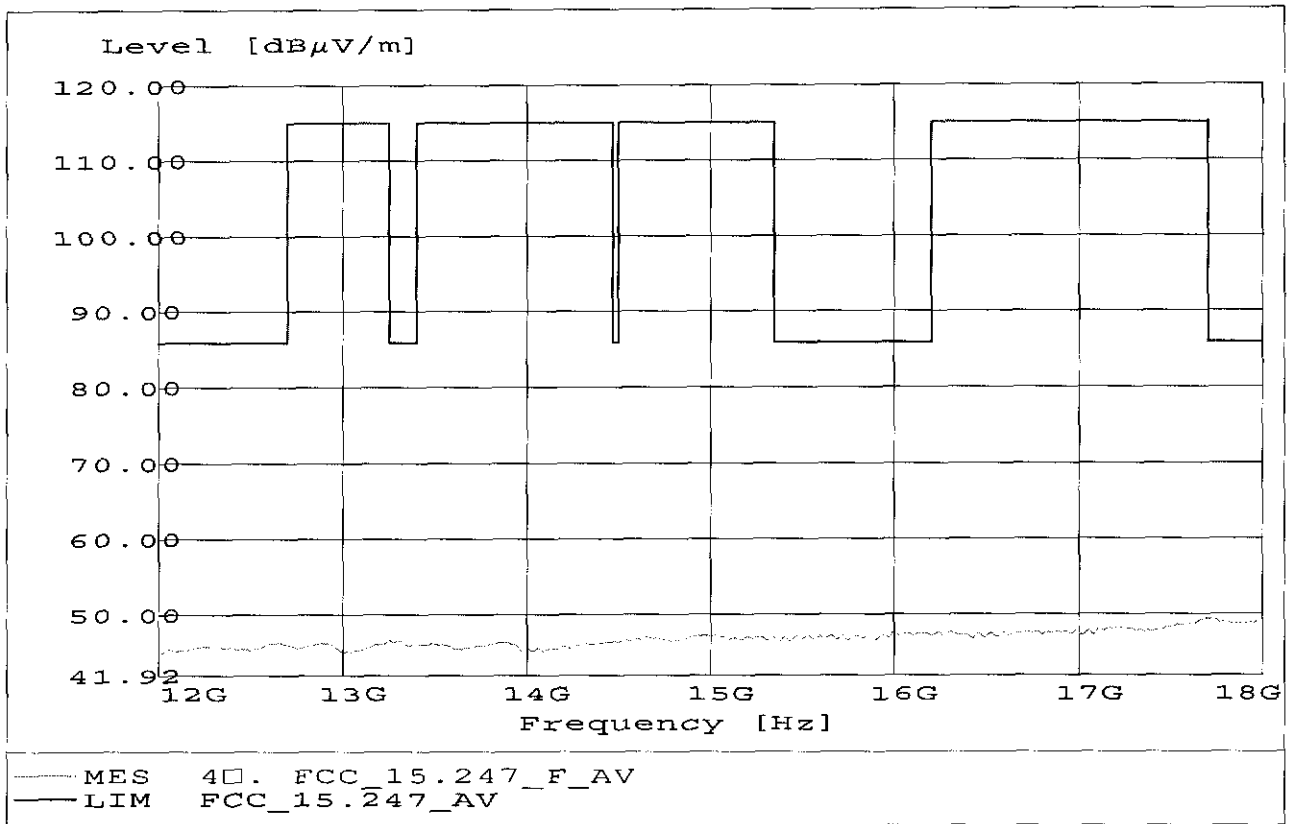
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.699GHz, Emax: 49.40dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

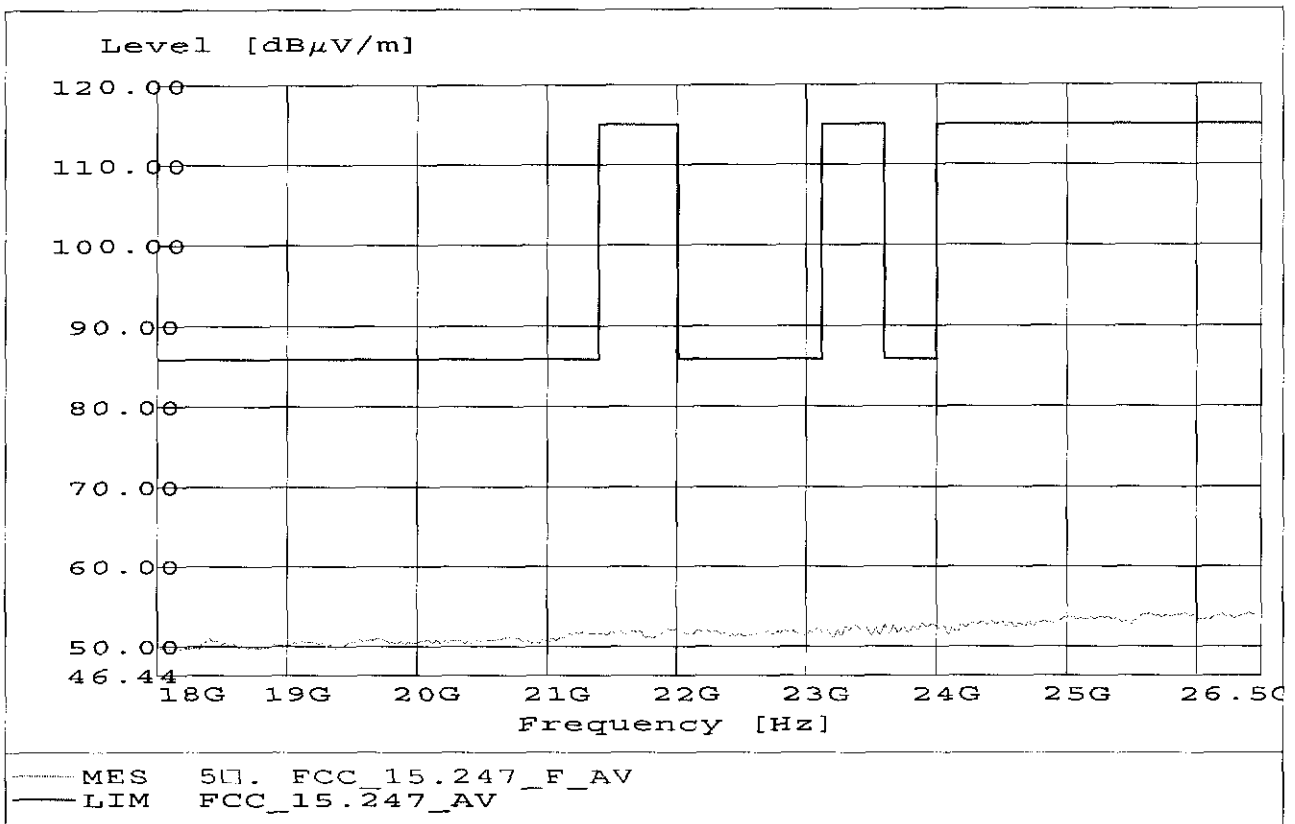
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.247 / mode : TX

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 26.398GHz, Emax: 54.19dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

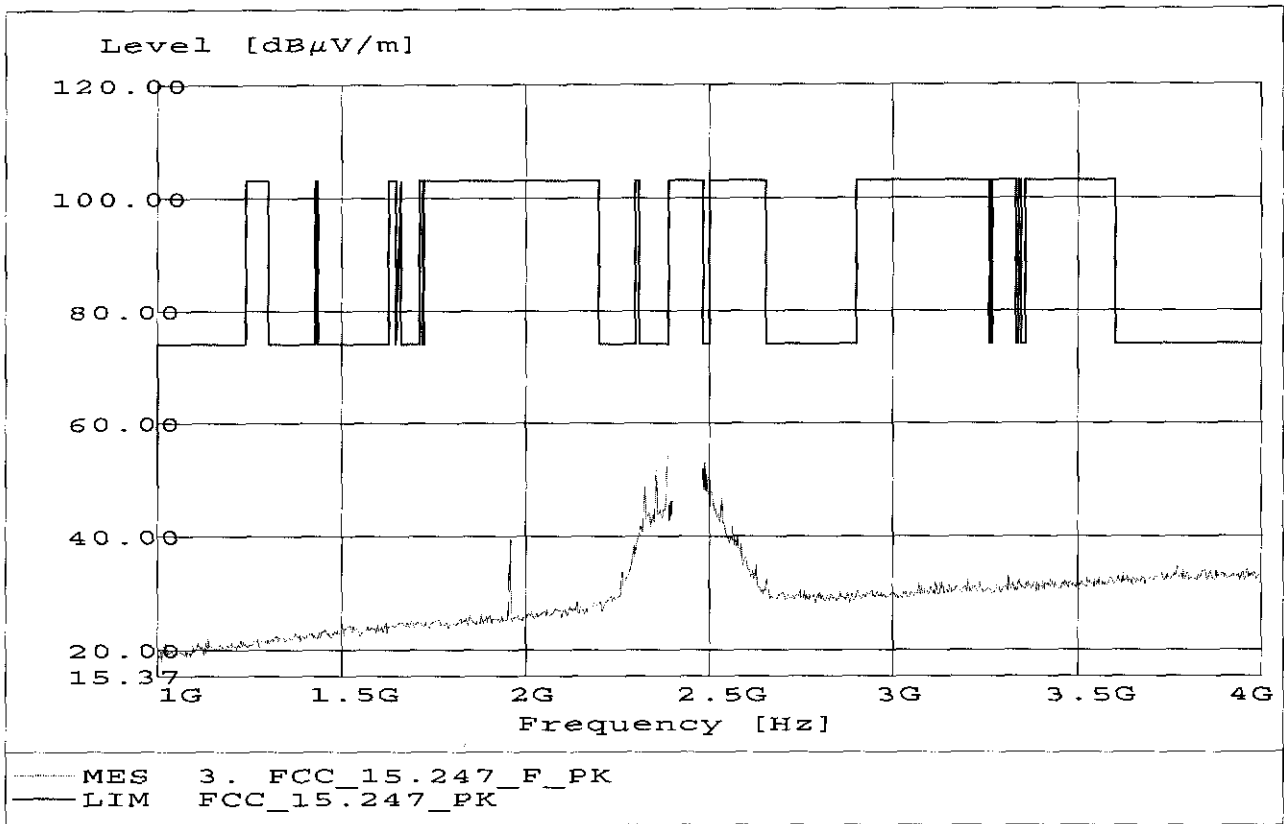
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.387GHz, Emax: 54.22dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

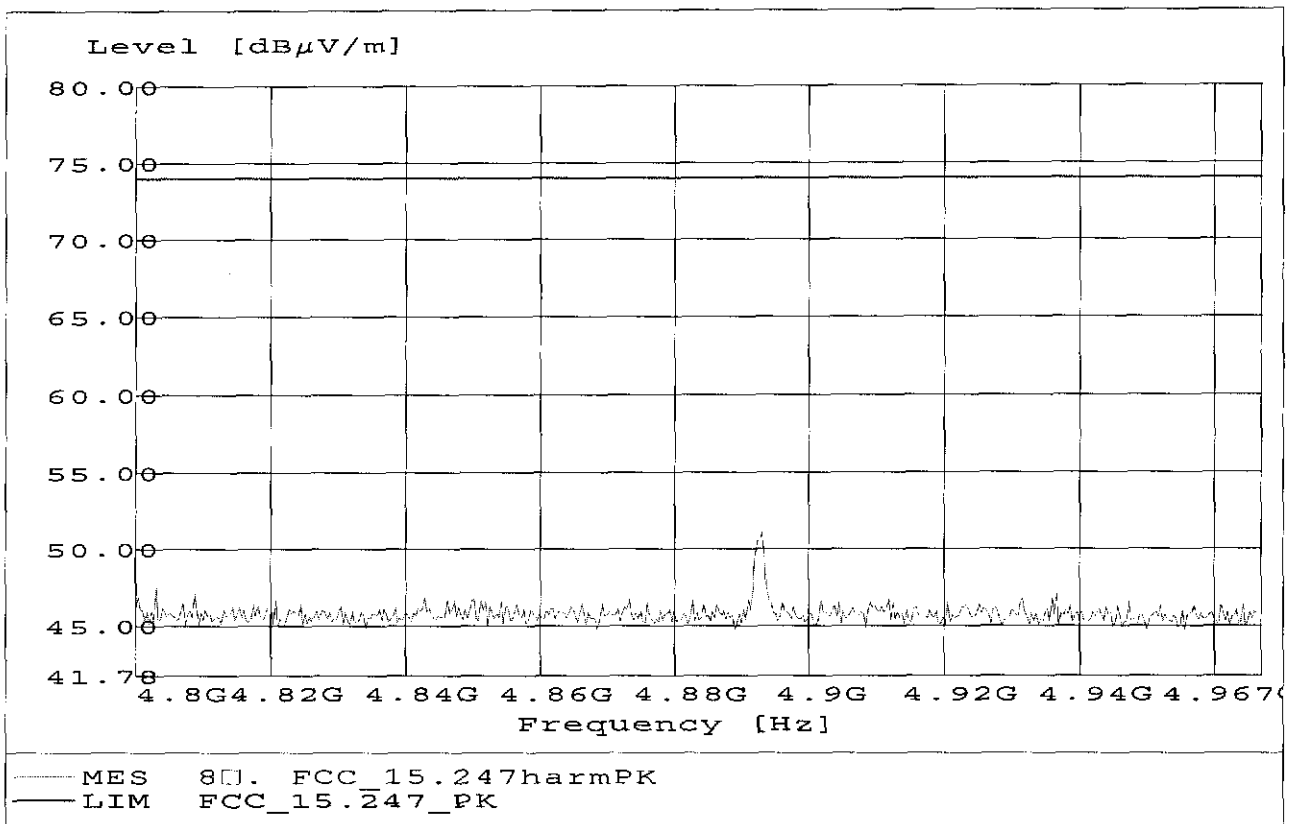
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 4.893GHz, Emax: 51.01dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

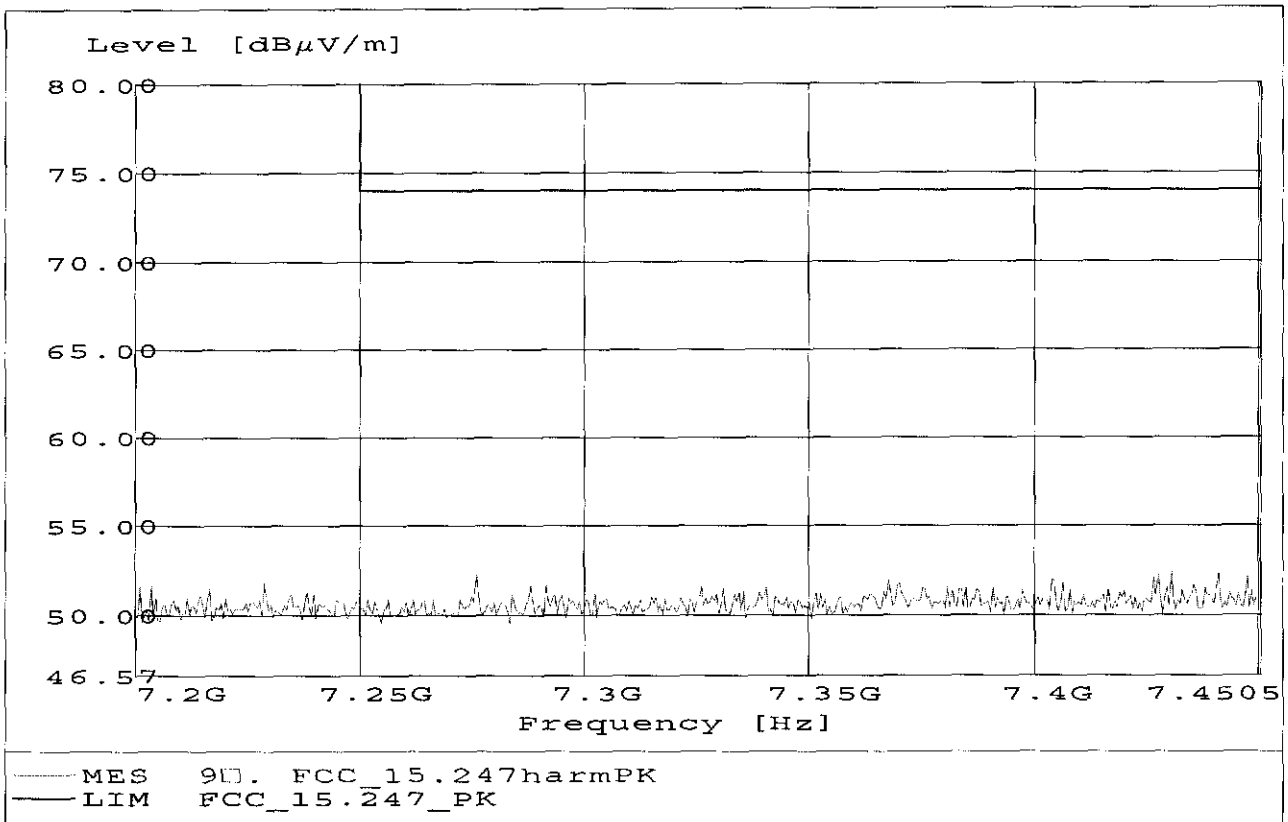
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 7.430GHz, Emax: 52.55dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

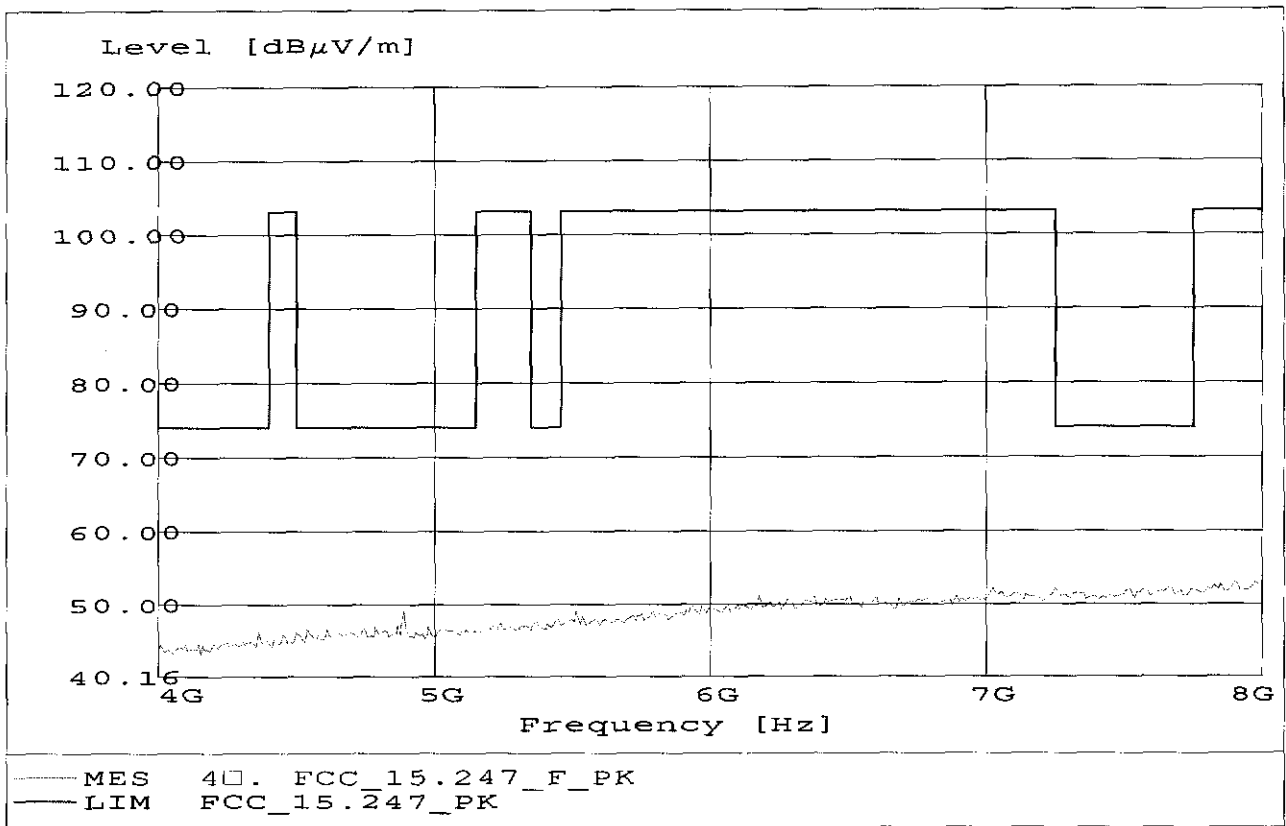
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 7.904GHz, Emax: 53.13dB $\mu\text{V/m}$, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

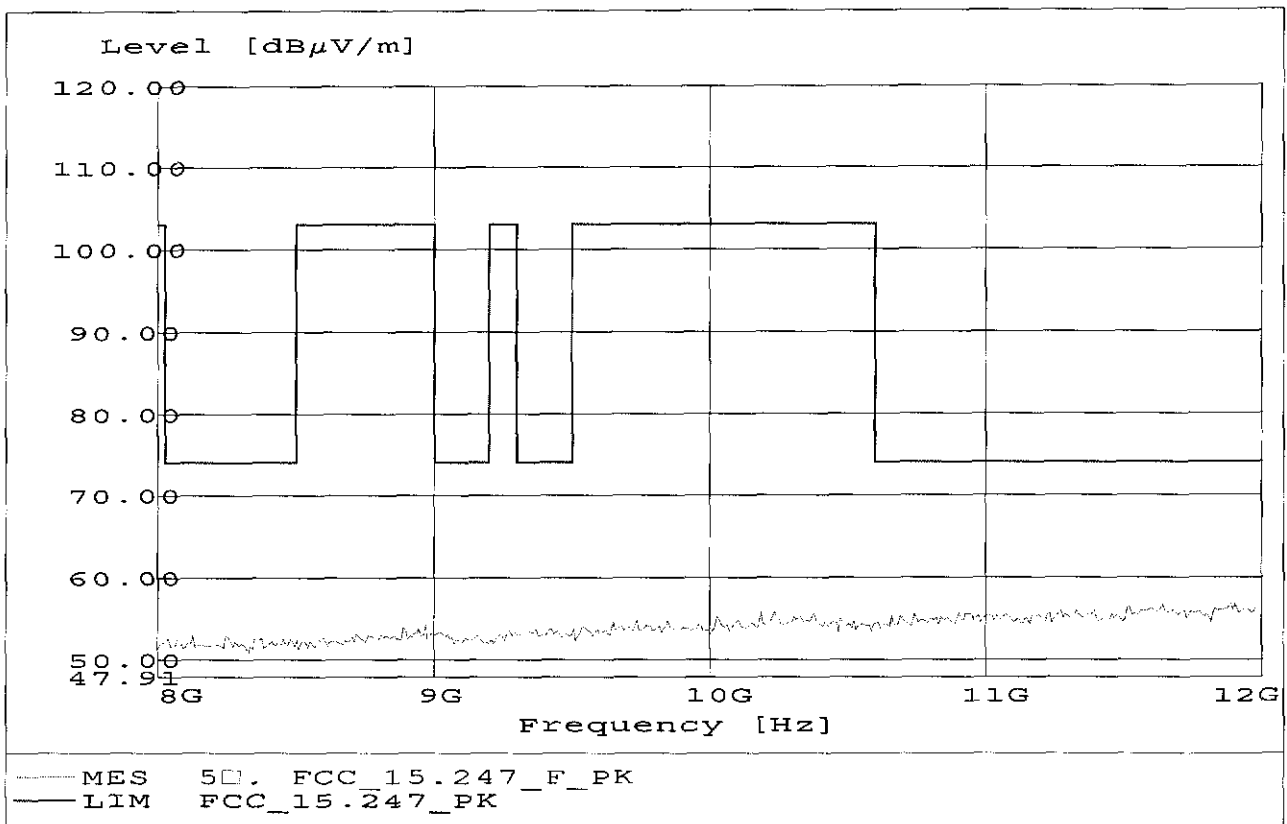
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.904GHz, Emax: 56.75dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

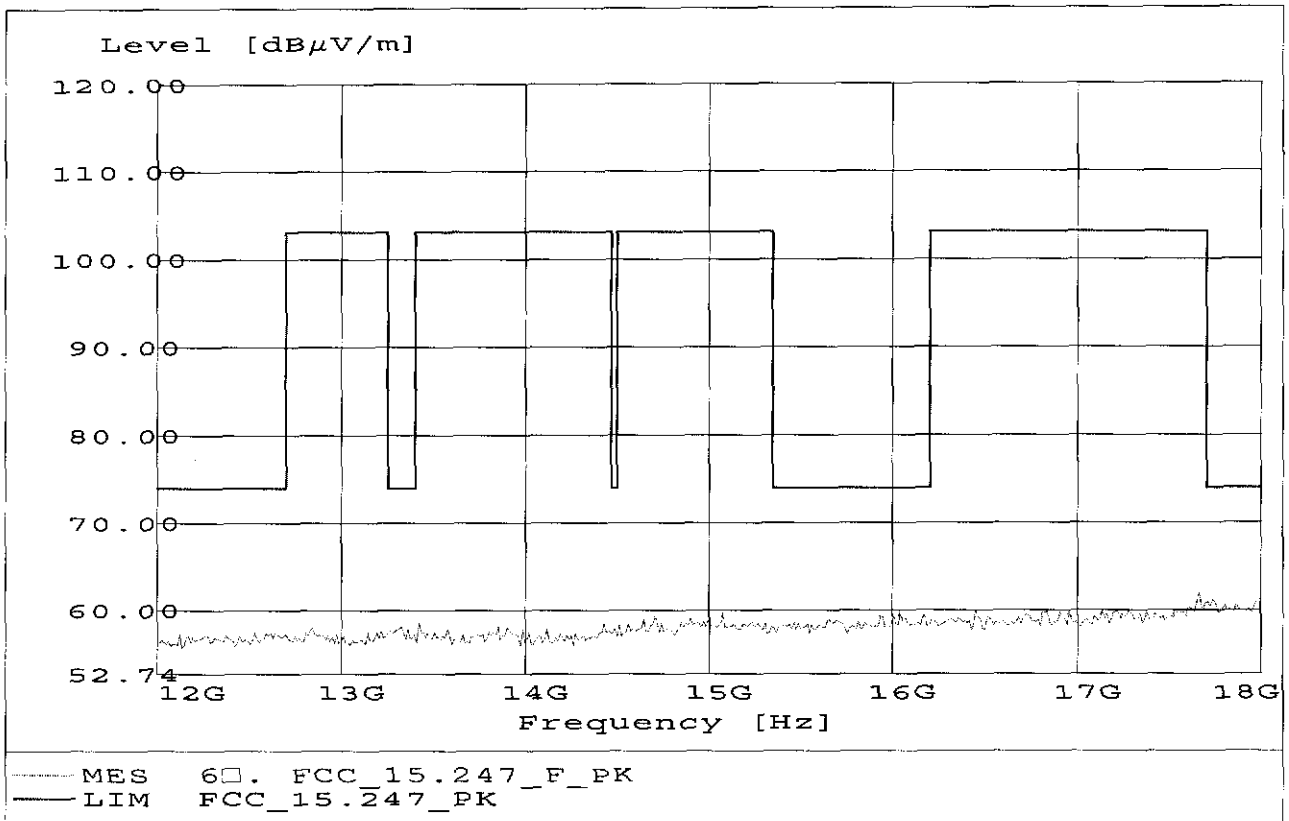
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.663GHz, Emax: 61.96dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

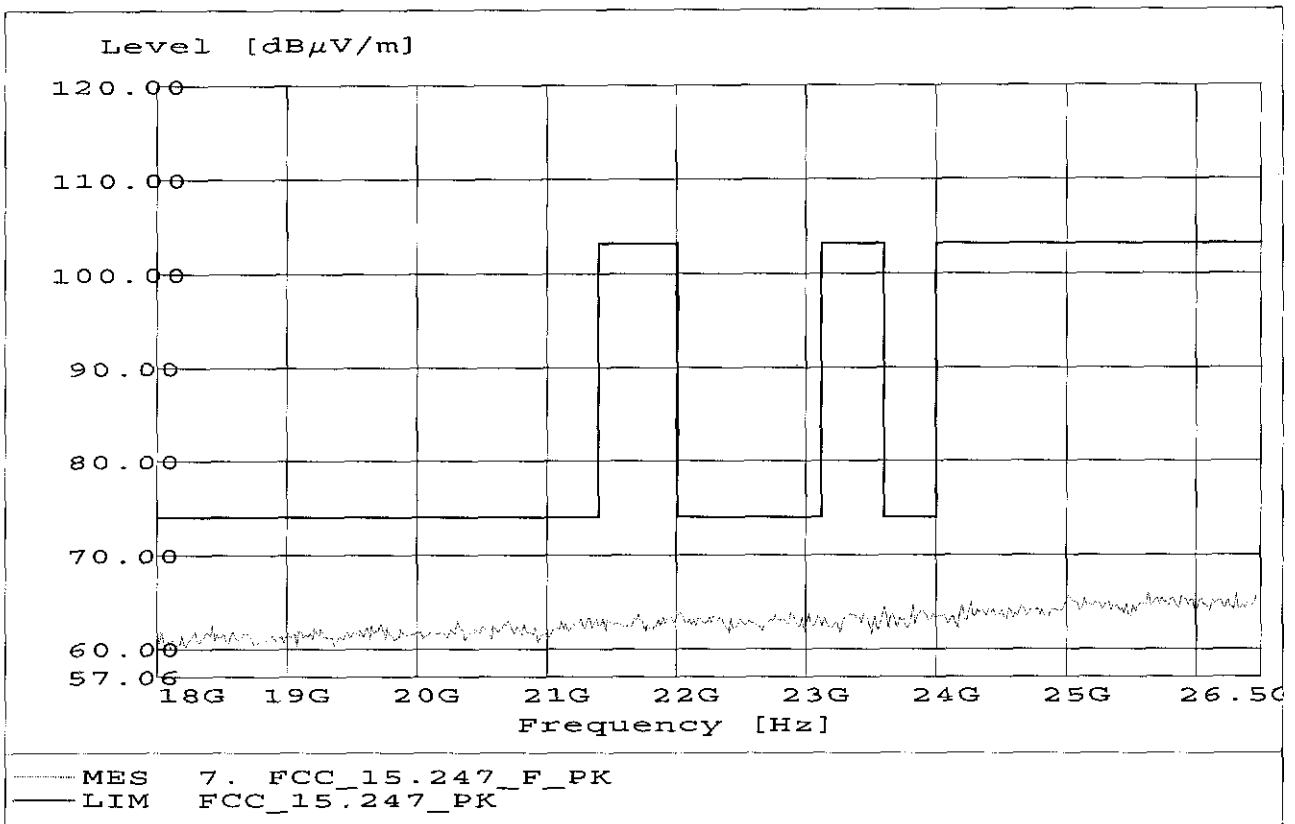
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 25.631GHz, Emax: 66.10dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

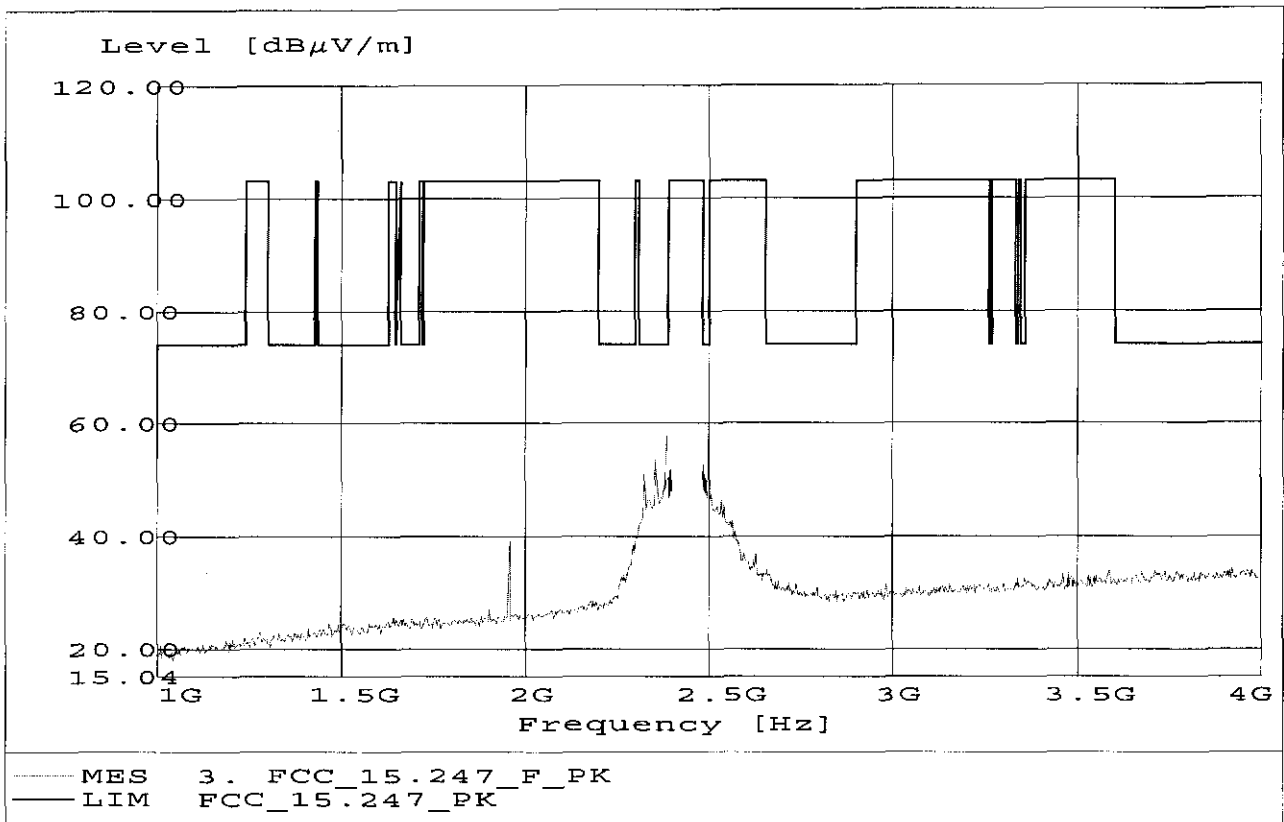
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.387GHz, Emax: 58.19dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

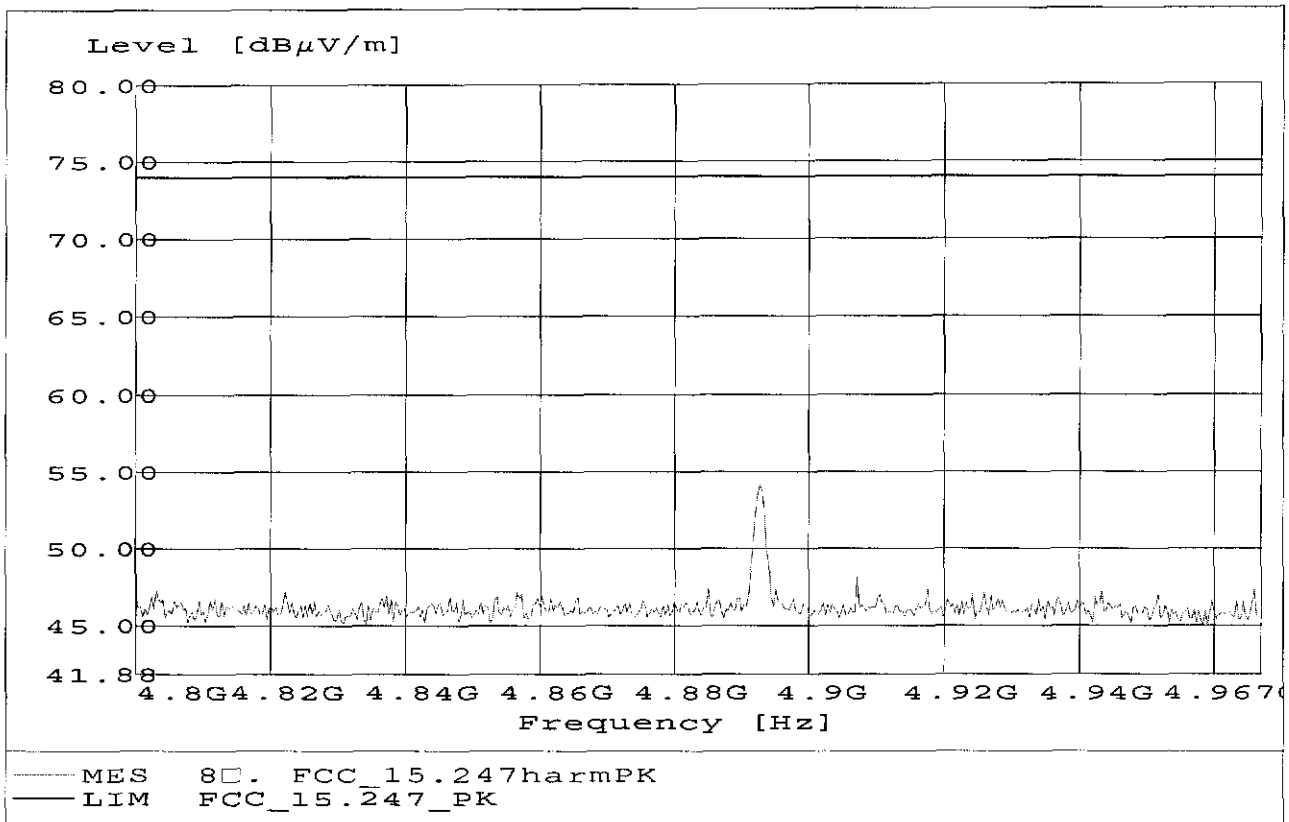
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 4.893GHz, Emax: 54.12dBμV/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

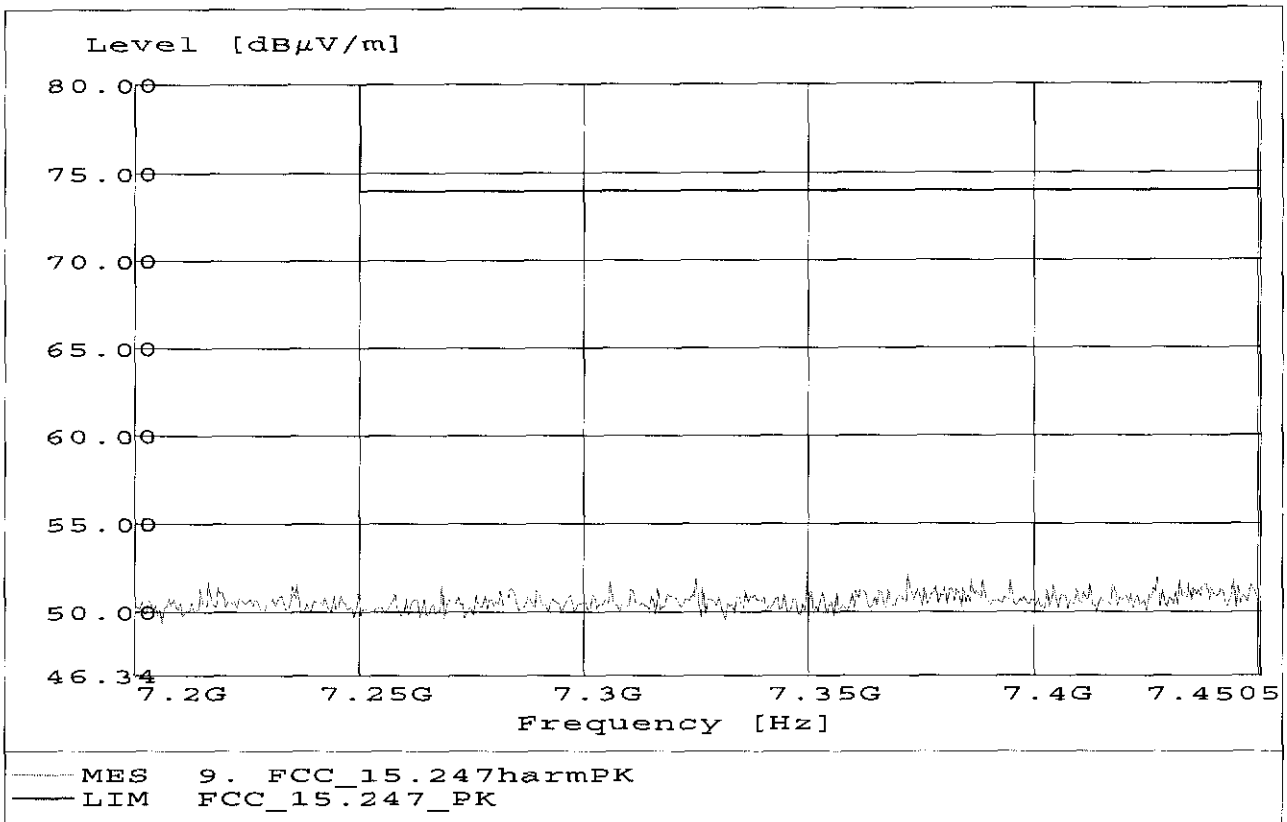
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 7.372GHz, Emax: 52.09dB $\mu\text{V/m}$, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

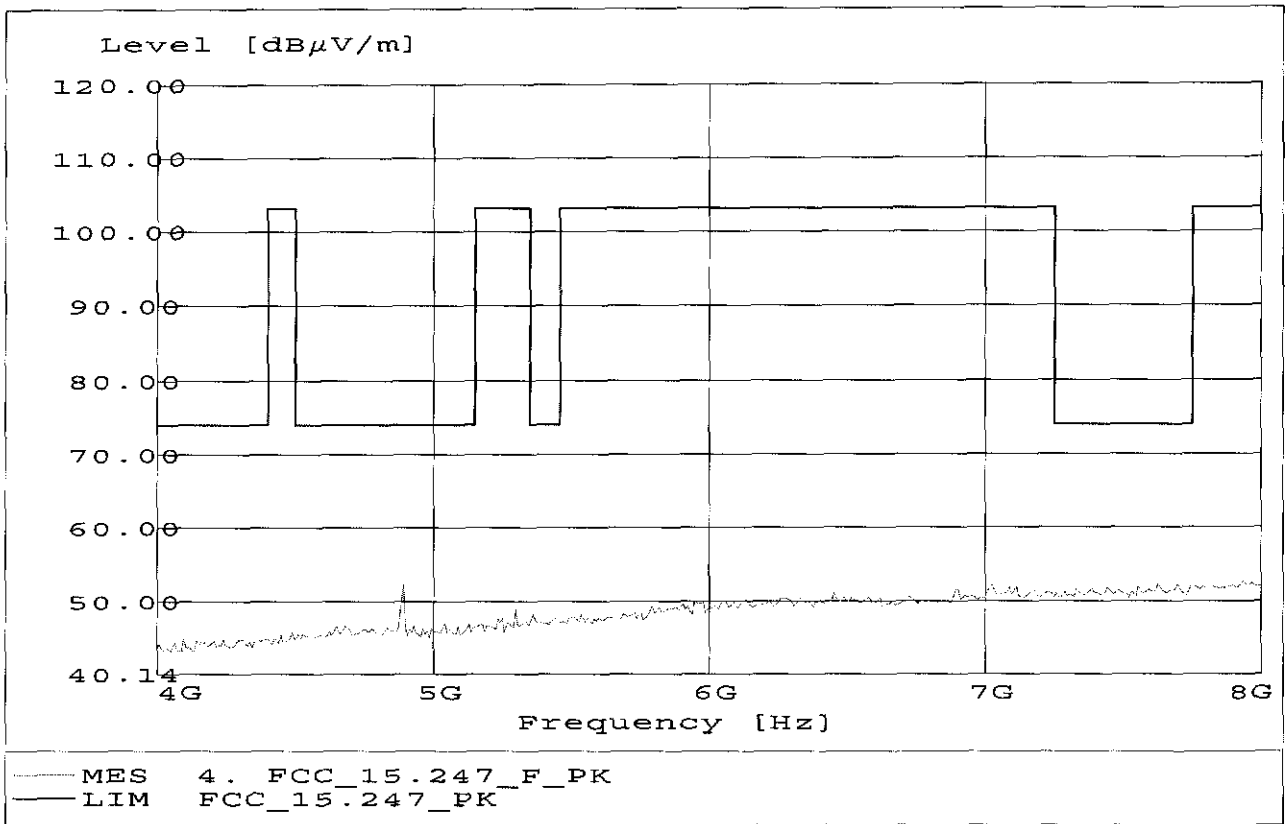
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 7.936GHz, Emax: 52.70dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

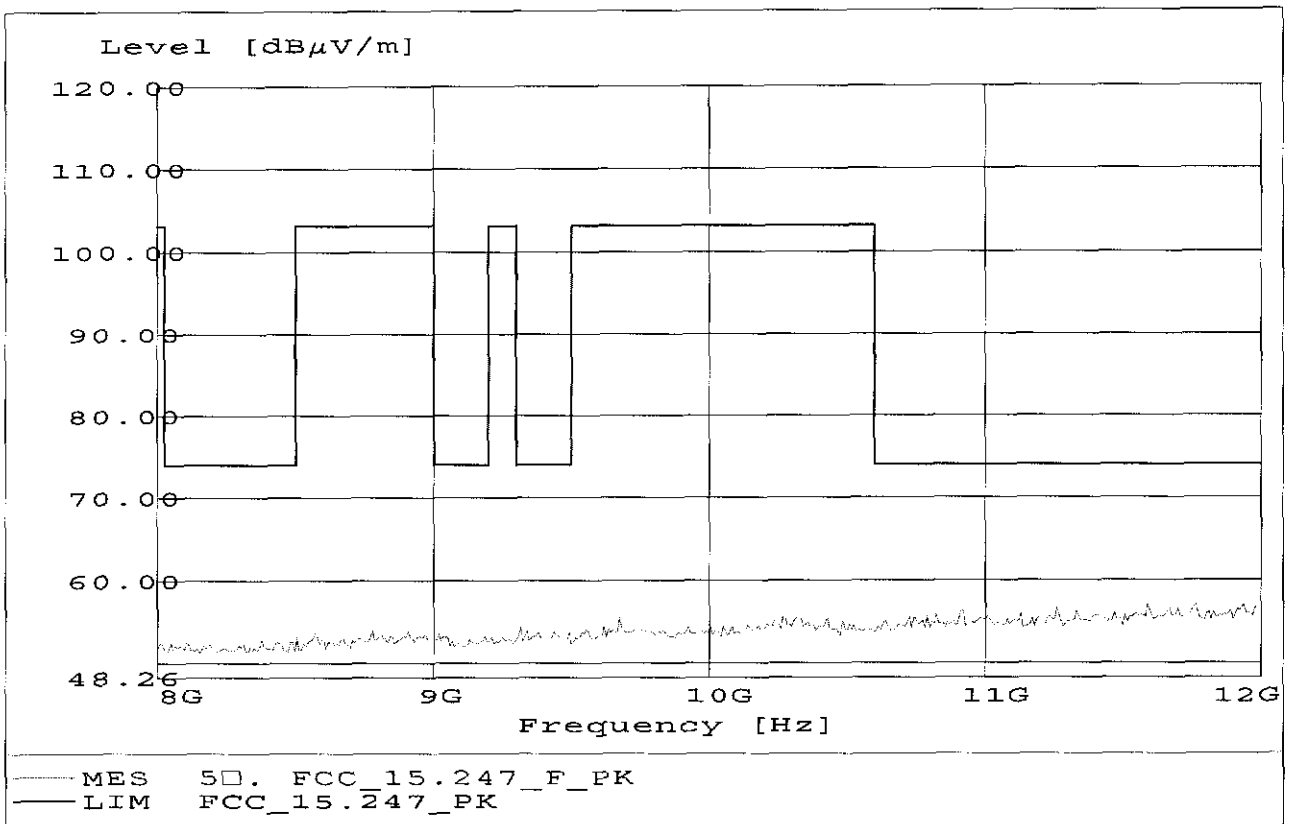
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.760GHz, Emax: 57.06dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

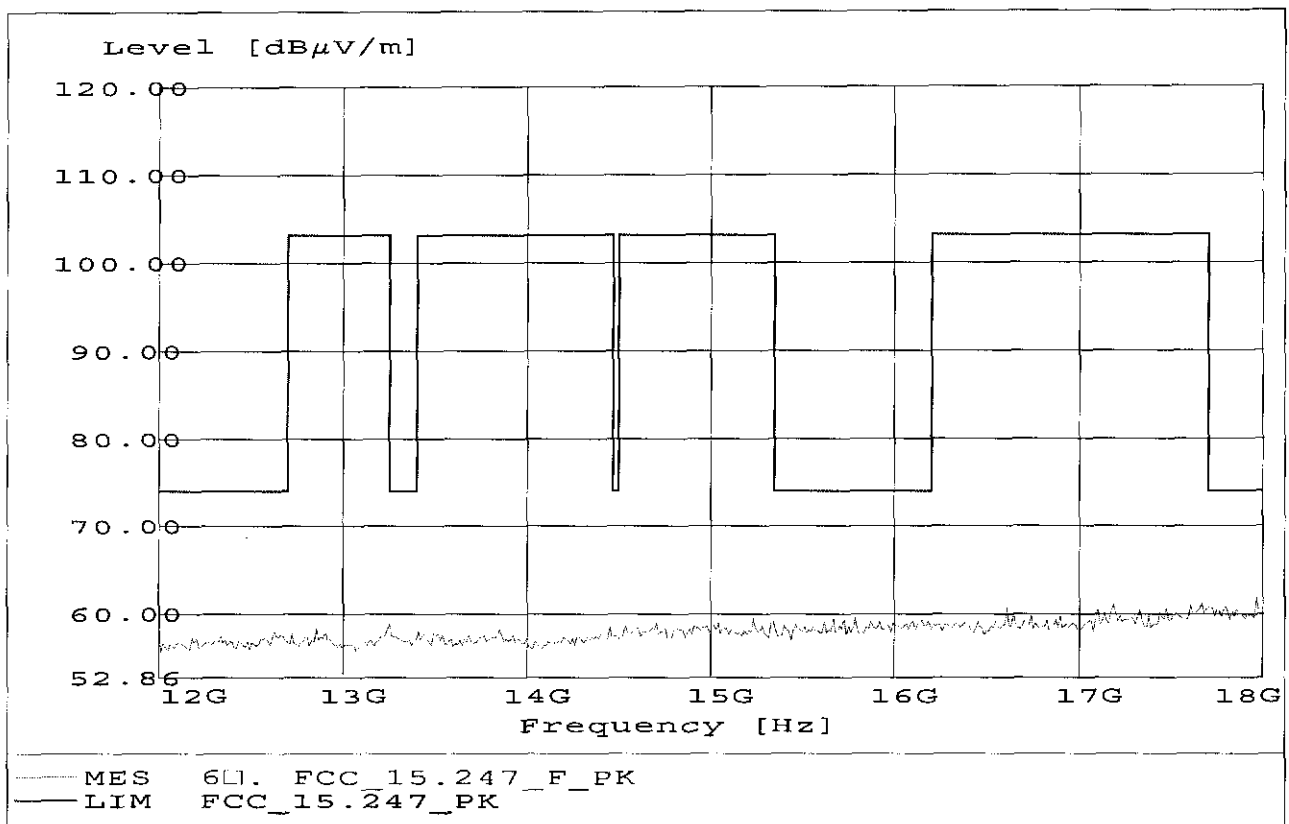
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.964GHz, Emax: 61.67dB $\mu\text{V/m}$, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS OOK

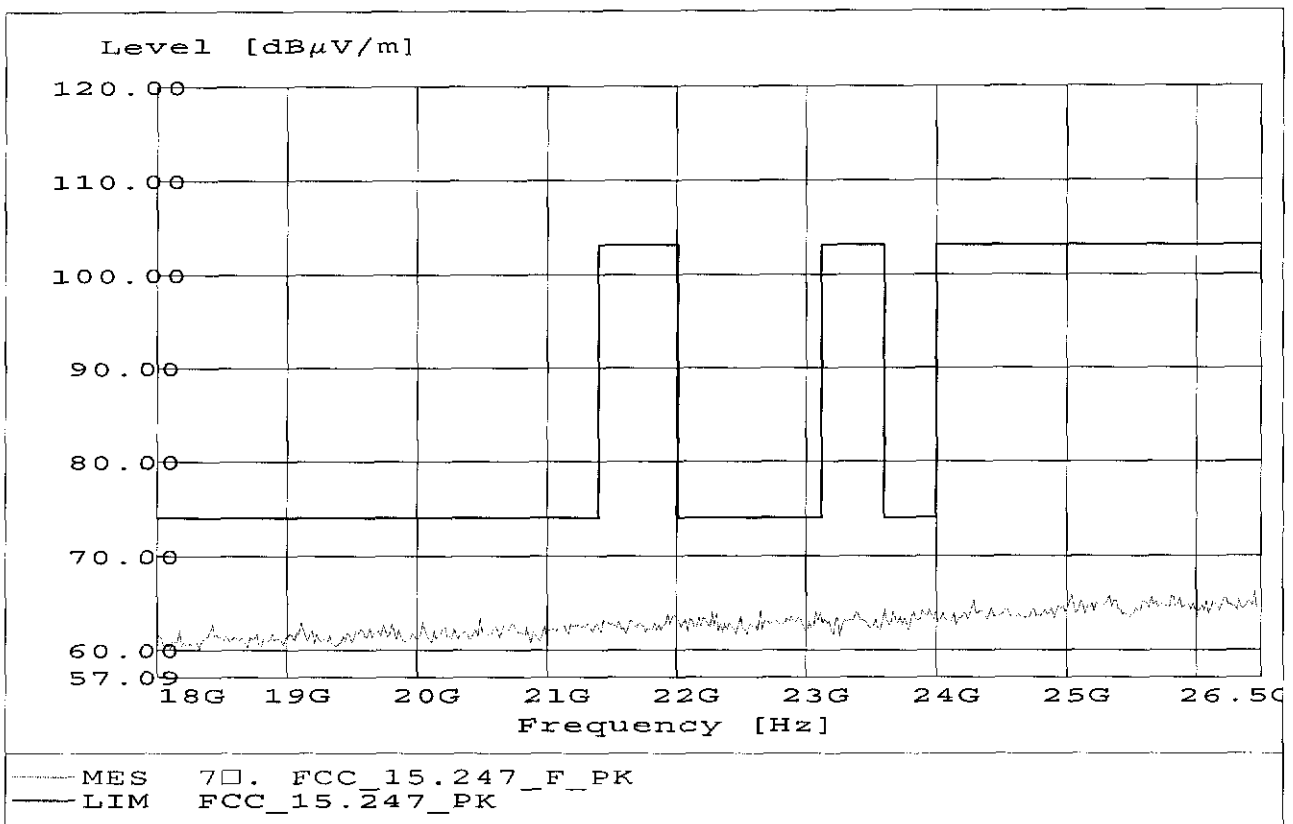
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 26.449GHz, Emax: 66.12dB μ V/m, RBW: 1MHz



FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

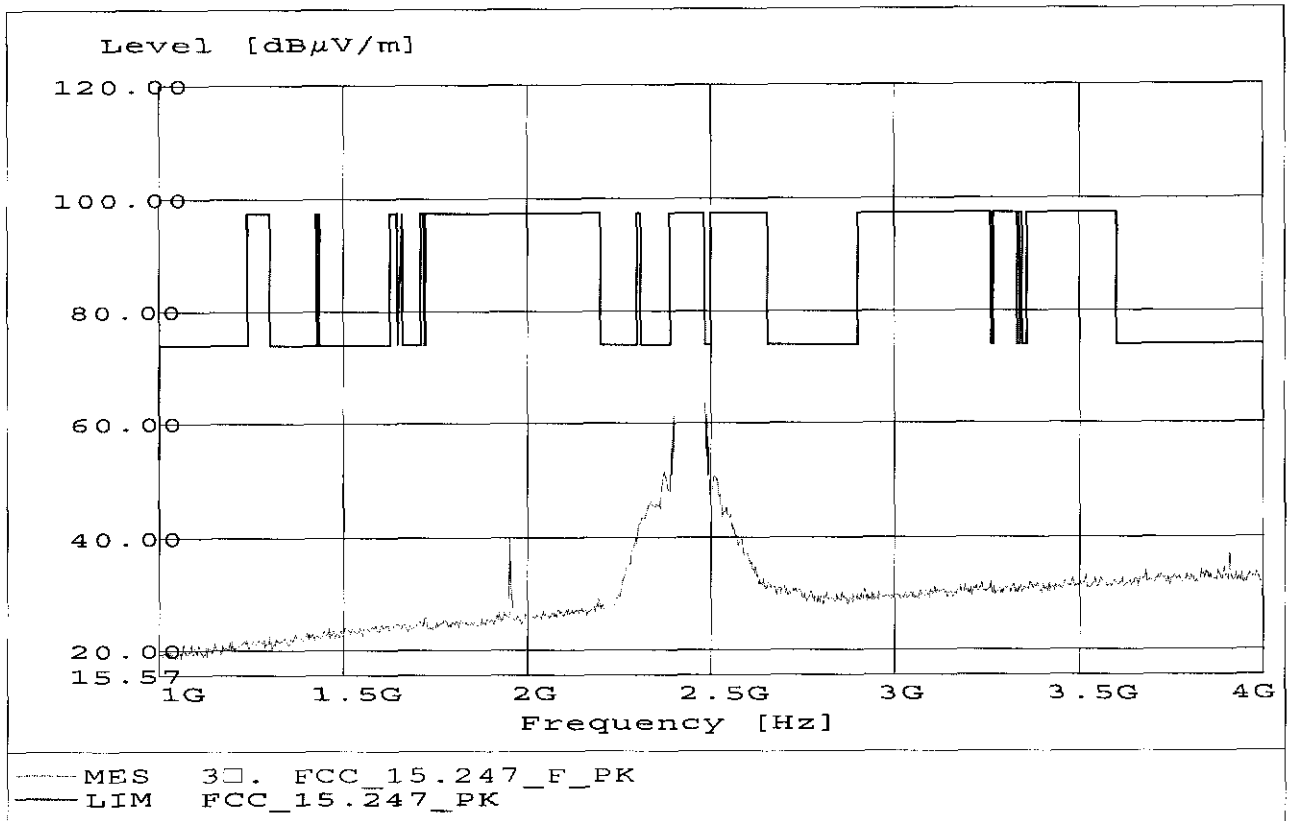
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.485GHz, Emax: 63.44dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

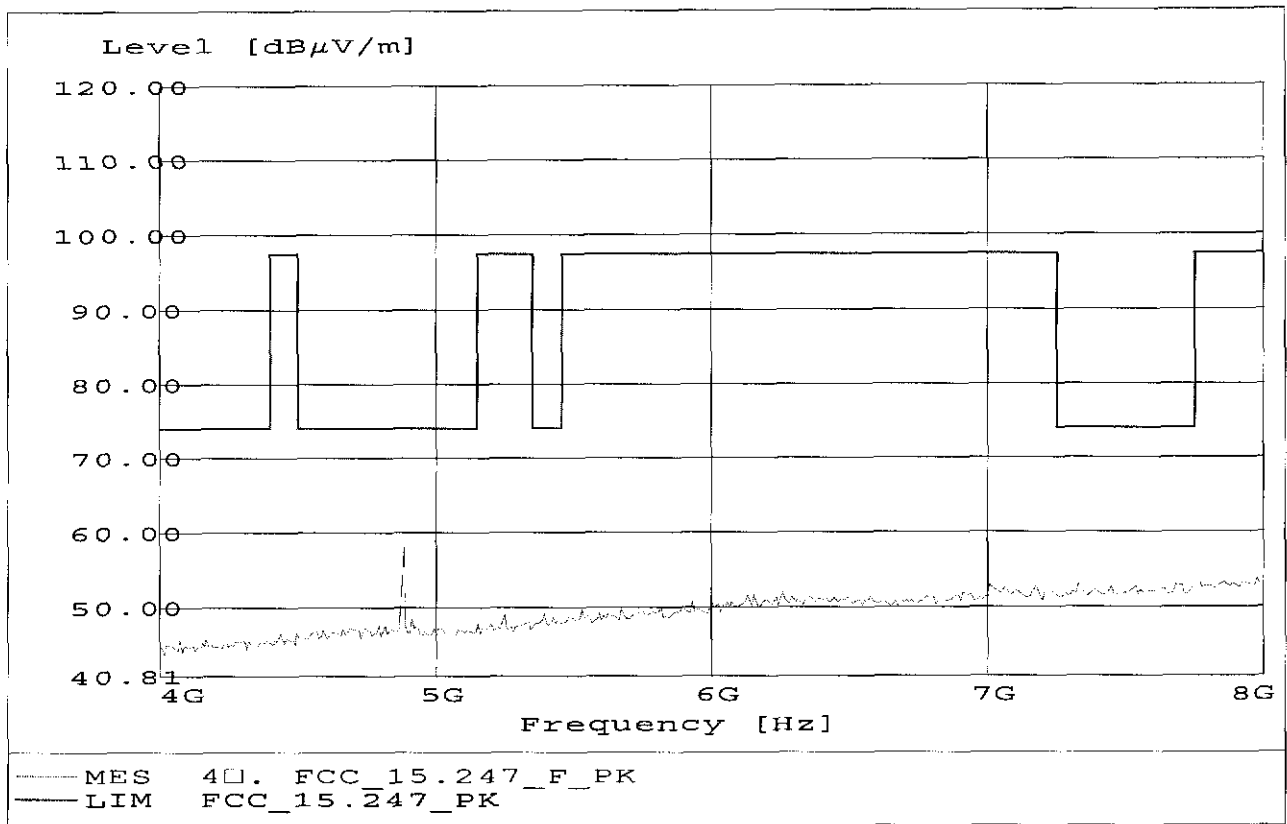
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 4.882GHz, Emax: 58.10dBμV/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer: WhereNet Corp.

20 dBm output power DSSS on

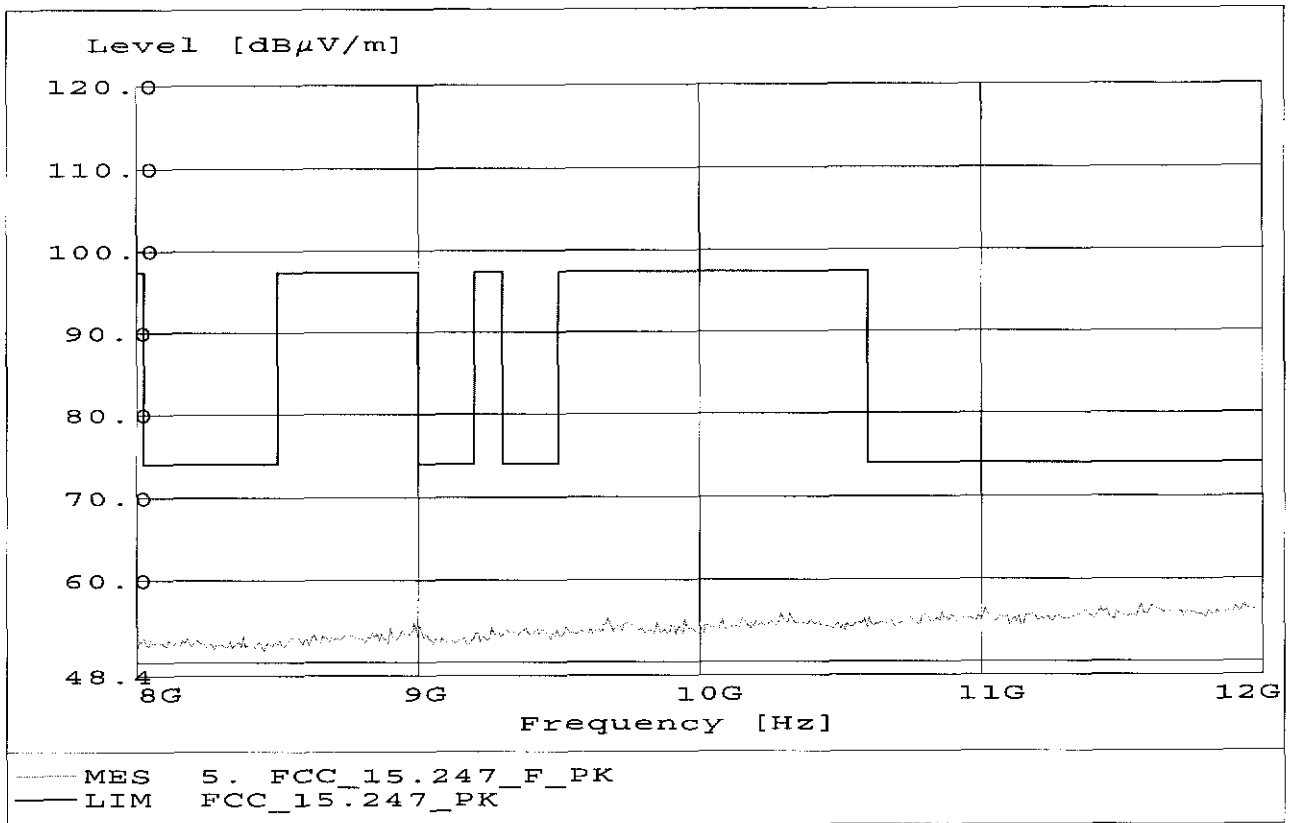
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.936GHz, Emax: 57.04dB $\mu\text{V/m}$, RBW: 1MHz

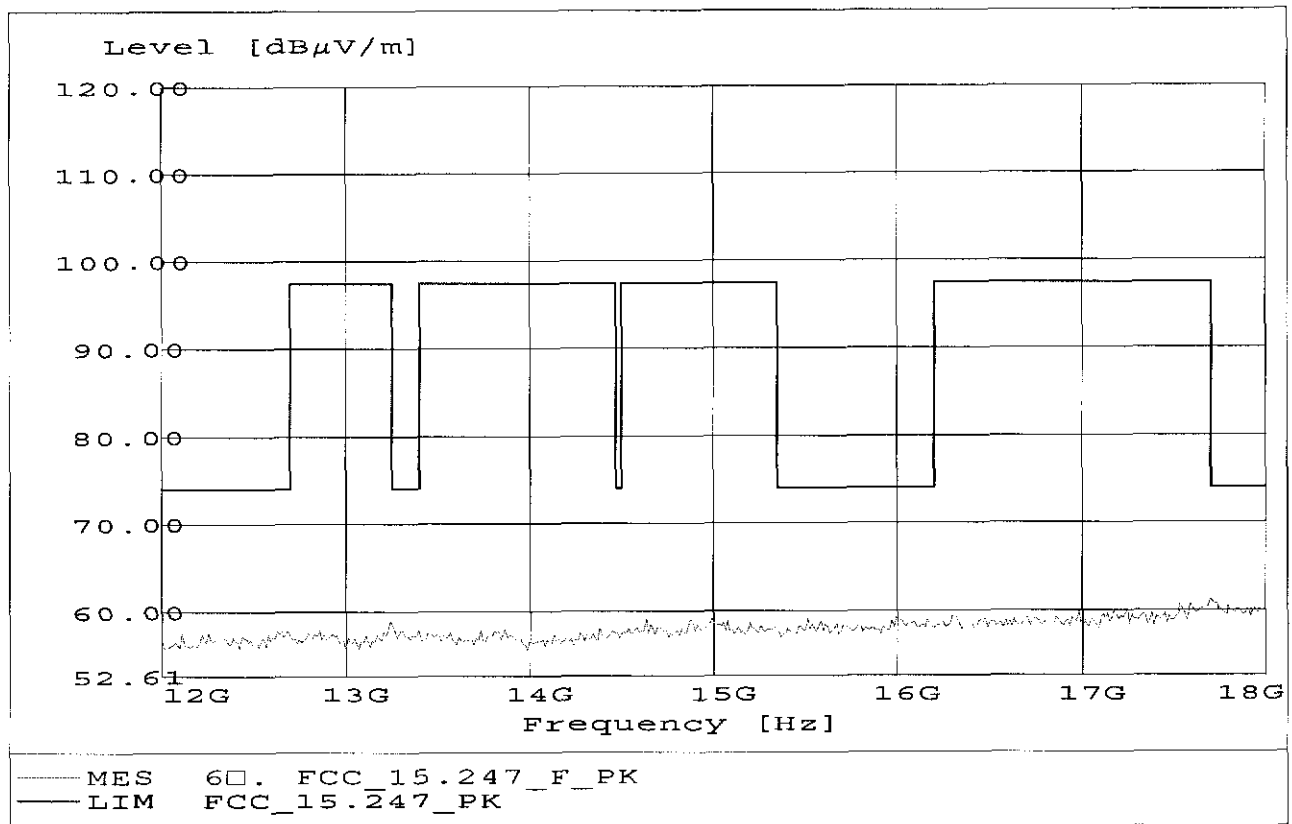


Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS on
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC
Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Start of Test: Freq: 17.699GHz, Emax: 61.31dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

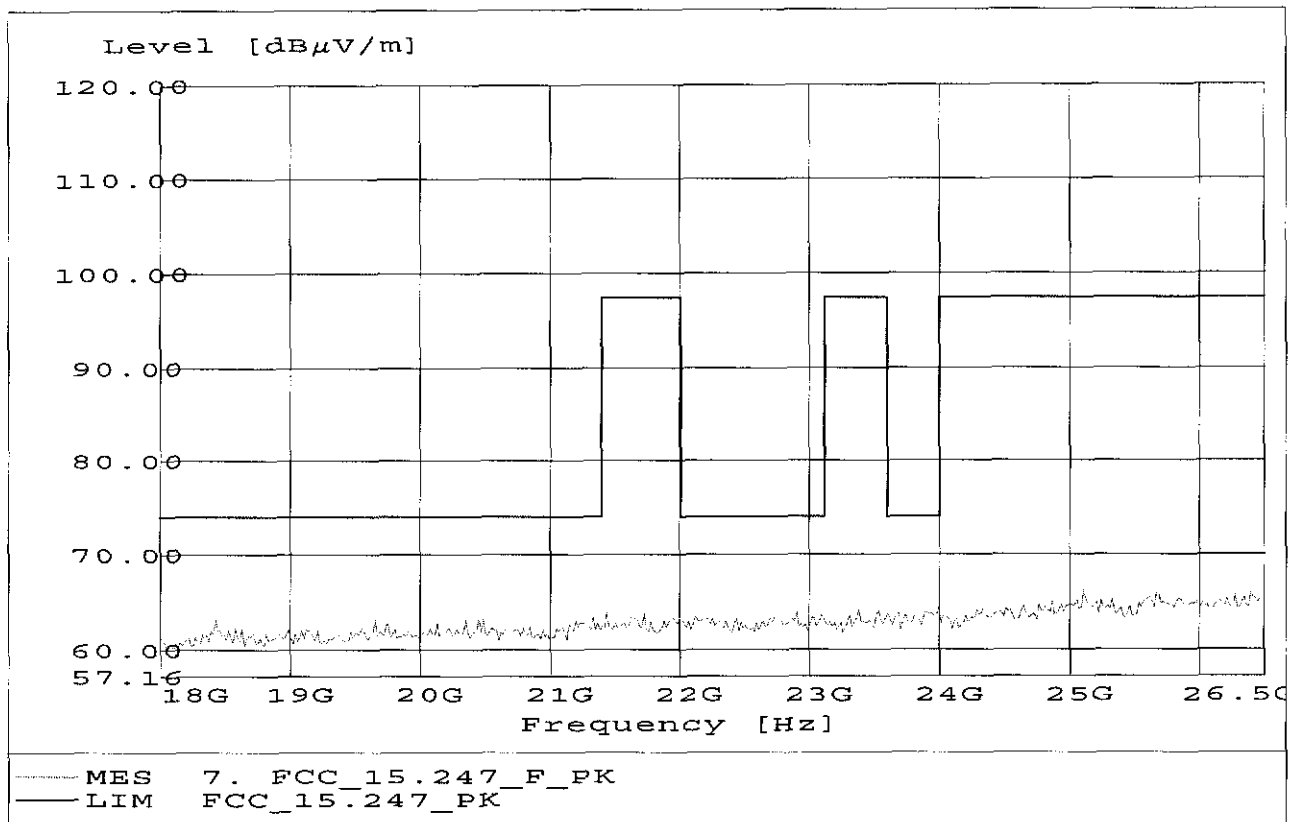
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 25.103GHz, Emax: 66.10dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

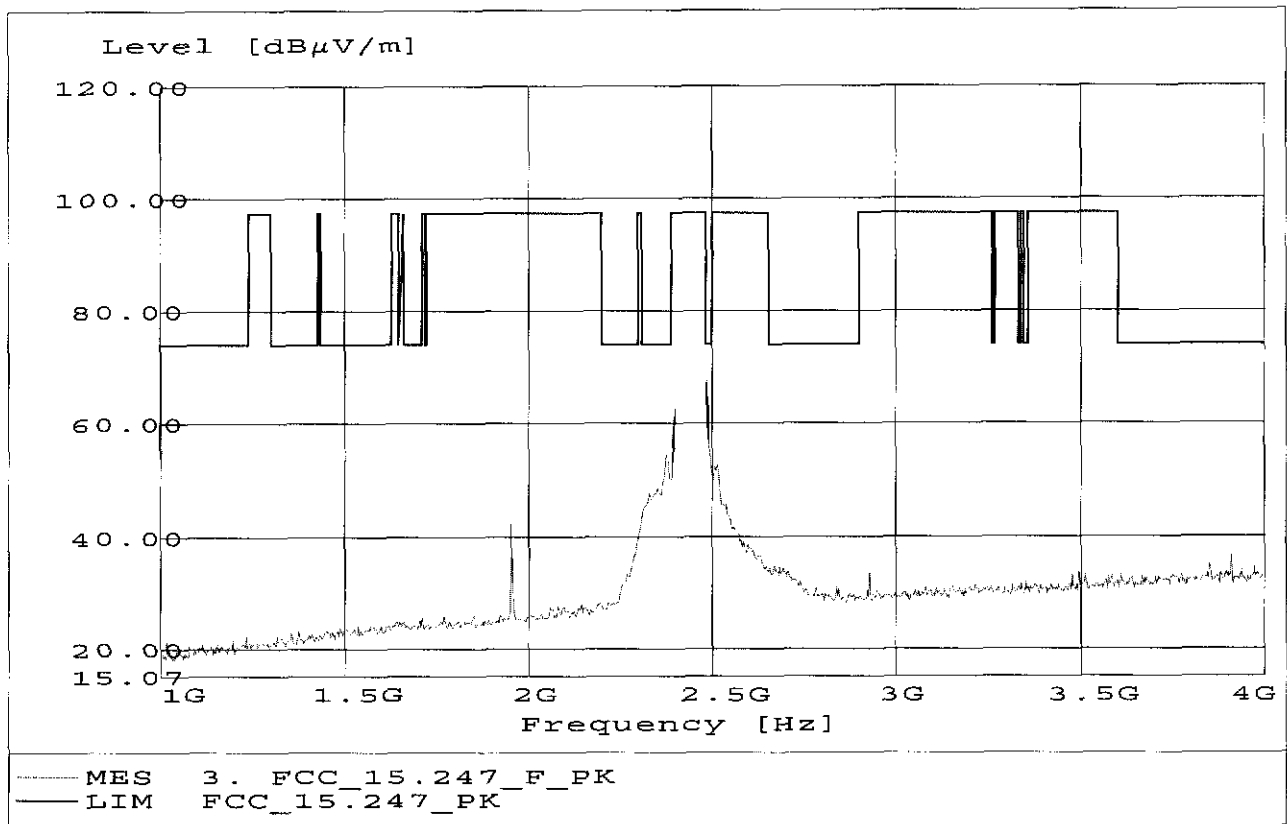
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 2.485GHz, Emax: 67.47dB μ V/m, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

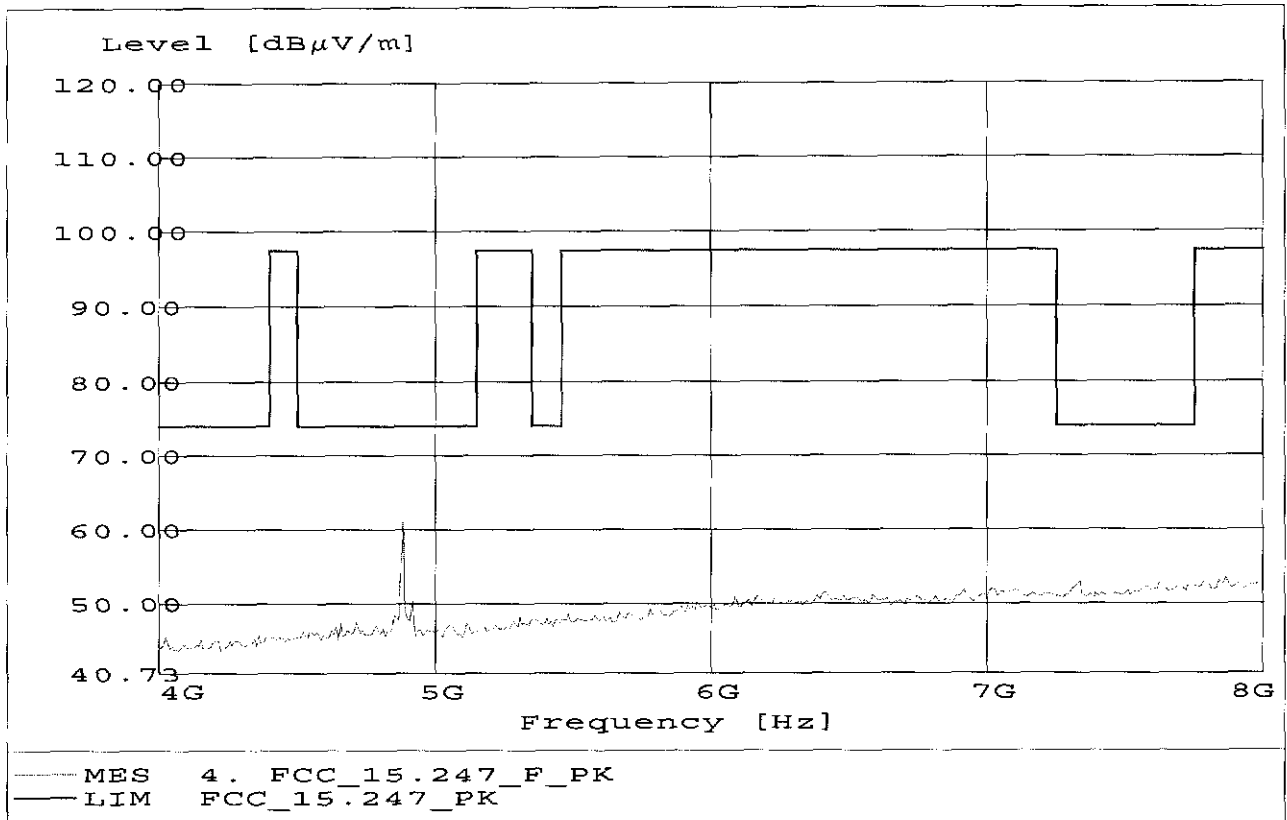
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 4.882GHz, Emax: 61.04dB $\mu\text{V/m}$, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

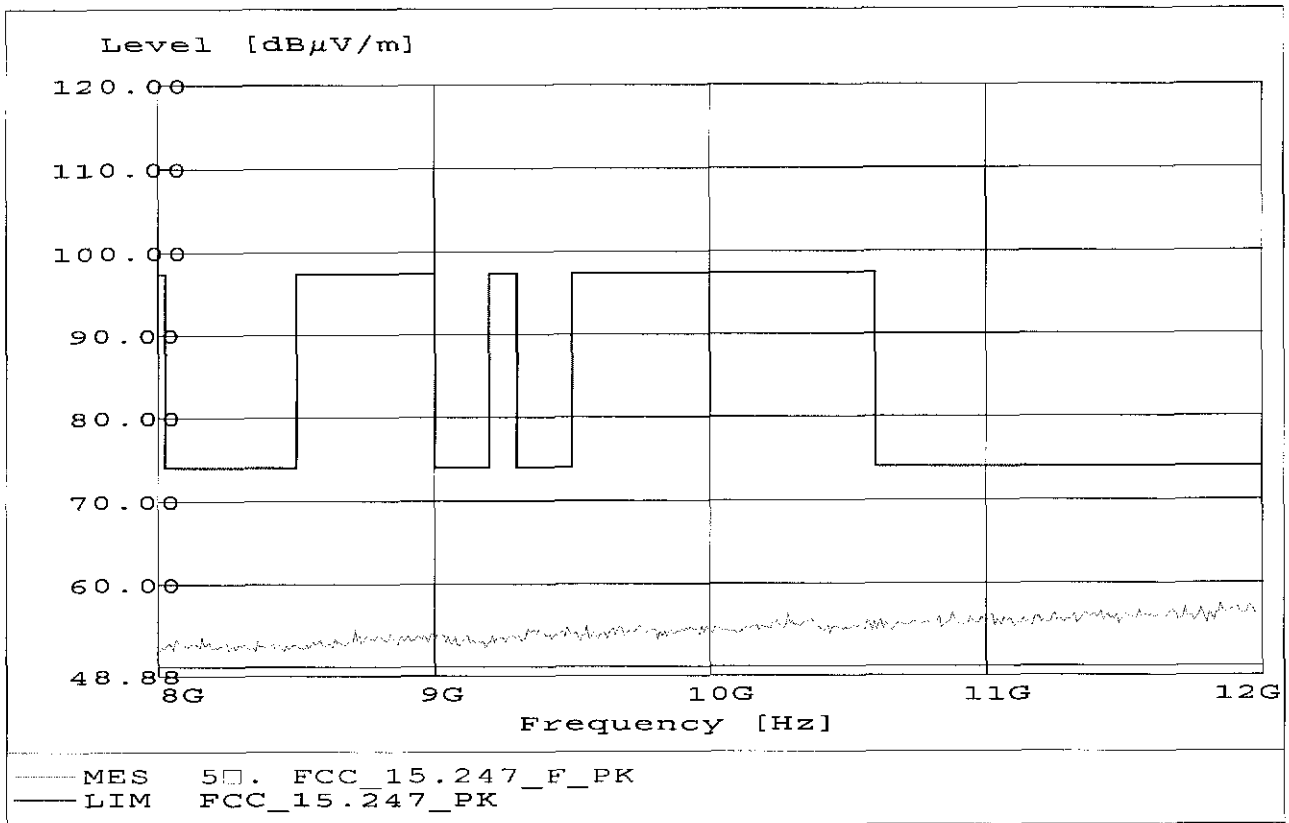
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 11.848GHz, Emax: 57.46dB μ V/m, RBW: 1MHz



Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

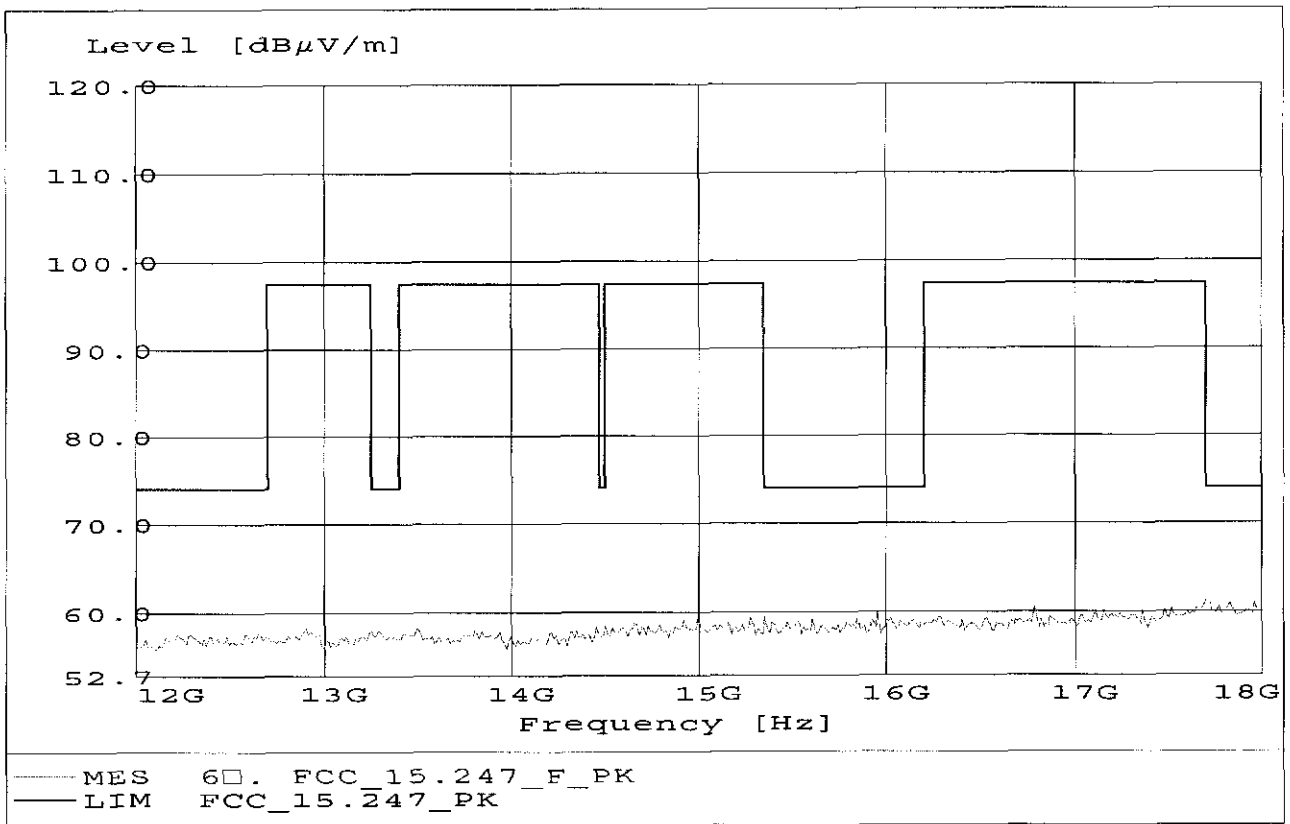
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Start of Test: Freq: 17.699GHz, Emax: 61.19dB $\mu\text{V/m}$, RBW: 1MHz



**Spurious Emissions Field Strength Tx
FCC RULES PART 15, SUBPART C**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS on

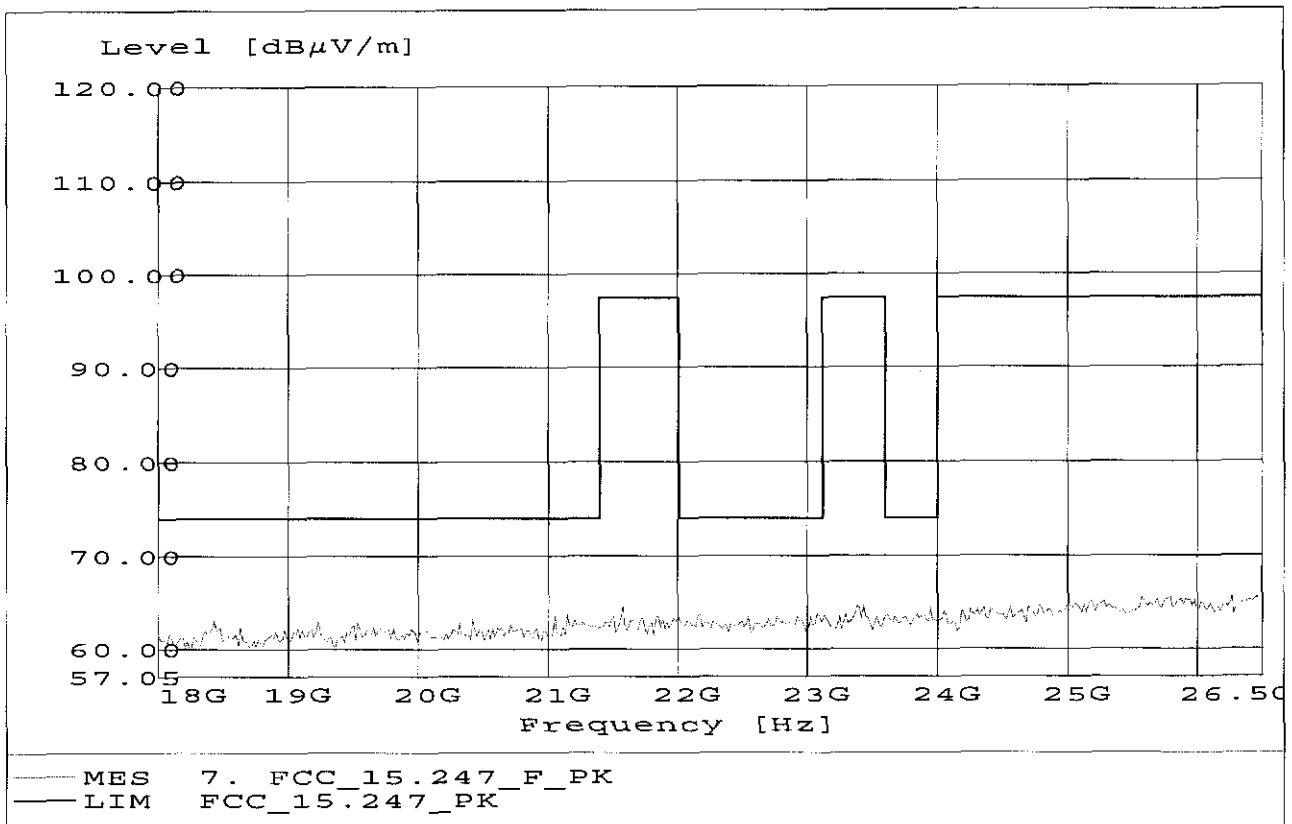
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Start of Test: Freq: 25.785GHz, Emax: 65.55dB $\mu\text{V/m}$, RBW: 1MHz





Appendix D

Radiated Emissions from Digital Part

Diagrams Radiated Emissions Receiver Section

Mode receive, average measurement, antenna horizontal

Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

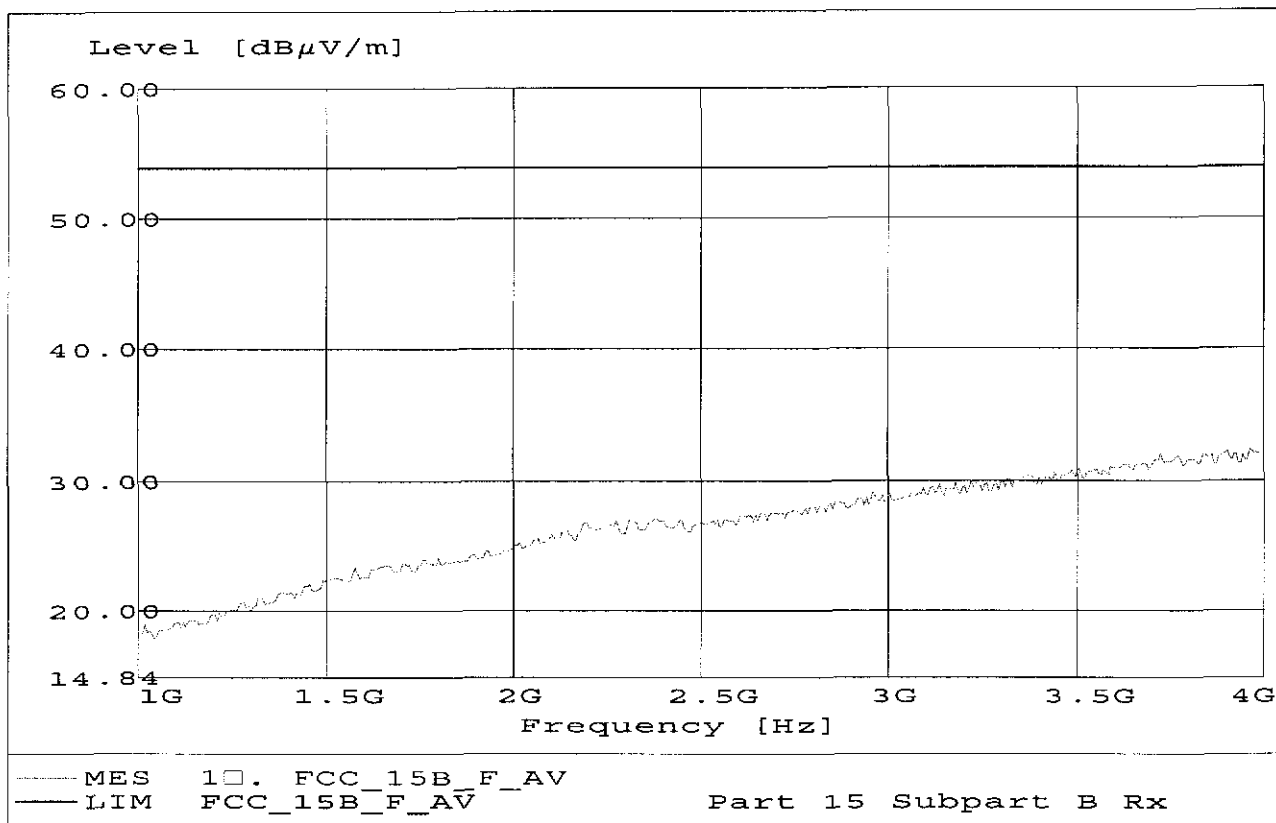
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 3.964GHz, Emax: 32.28dB μ V/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

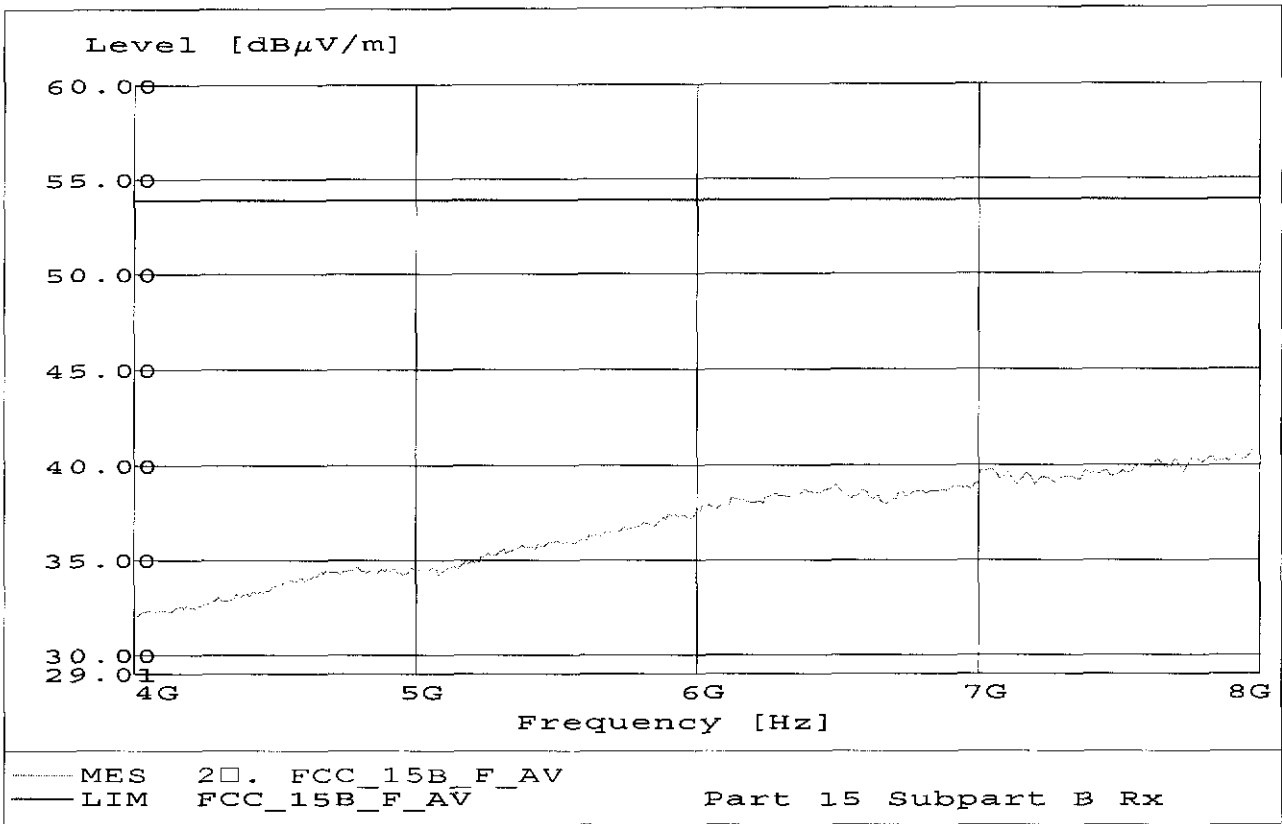
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 7.984GHz, Emax: 40.78dB μ V/m, RBW: 1MHz



Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

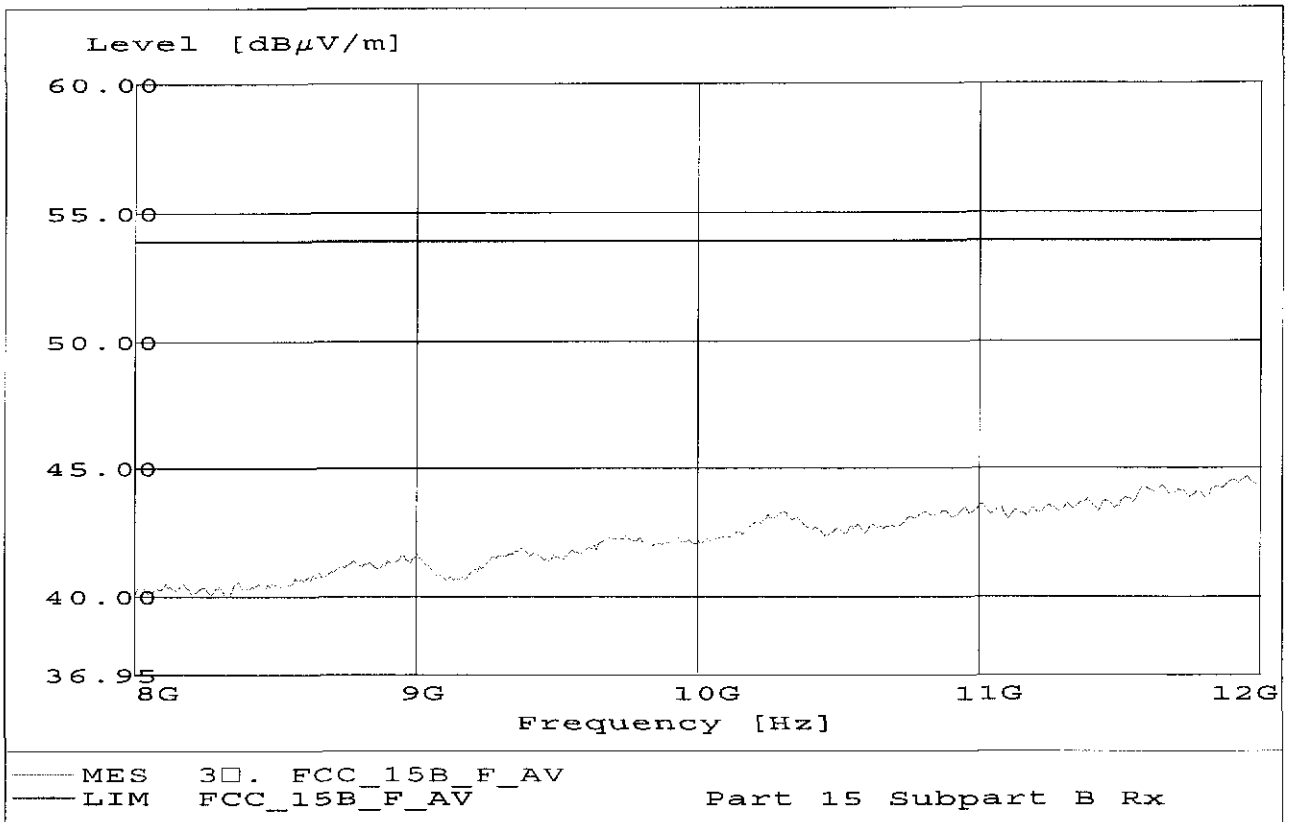
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 11.952GHz, Emax: 44.68dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

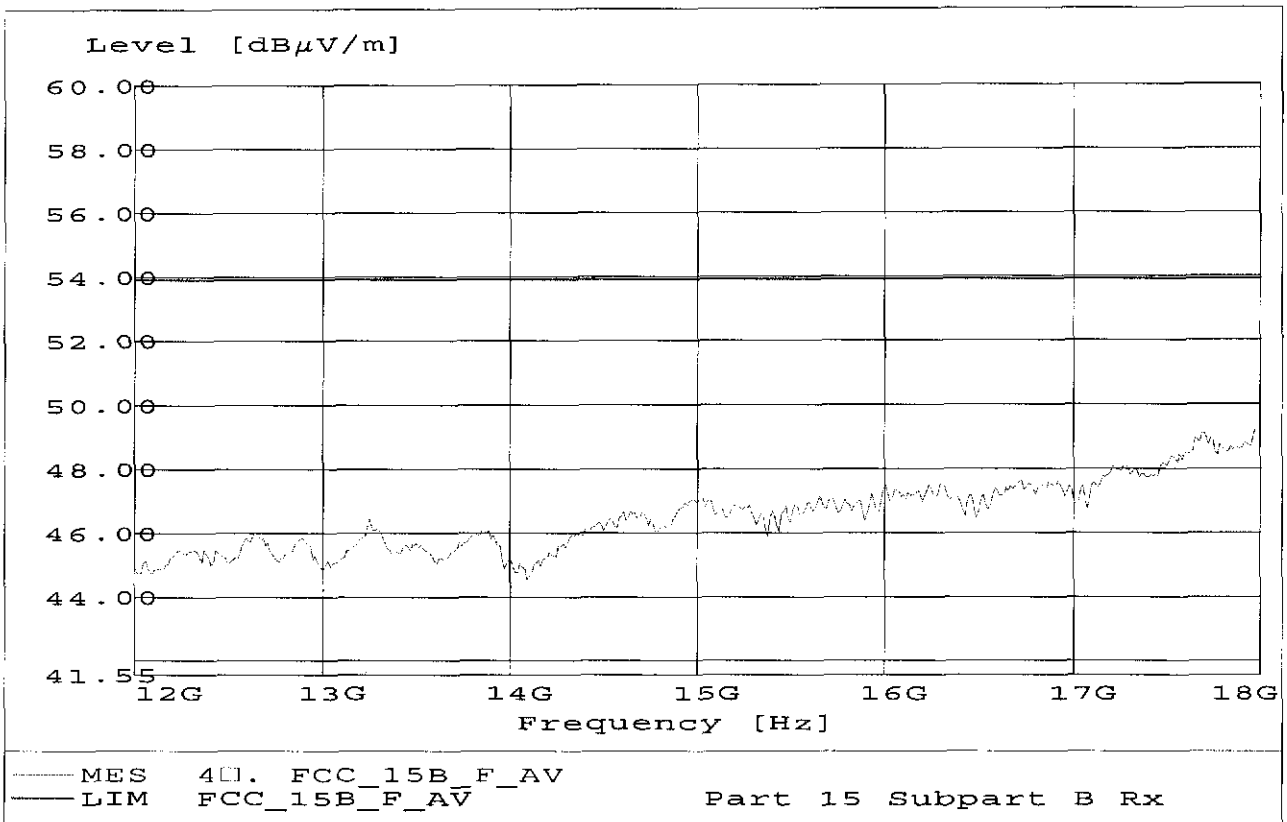
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 17.976GHz, Emax: 49.22dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

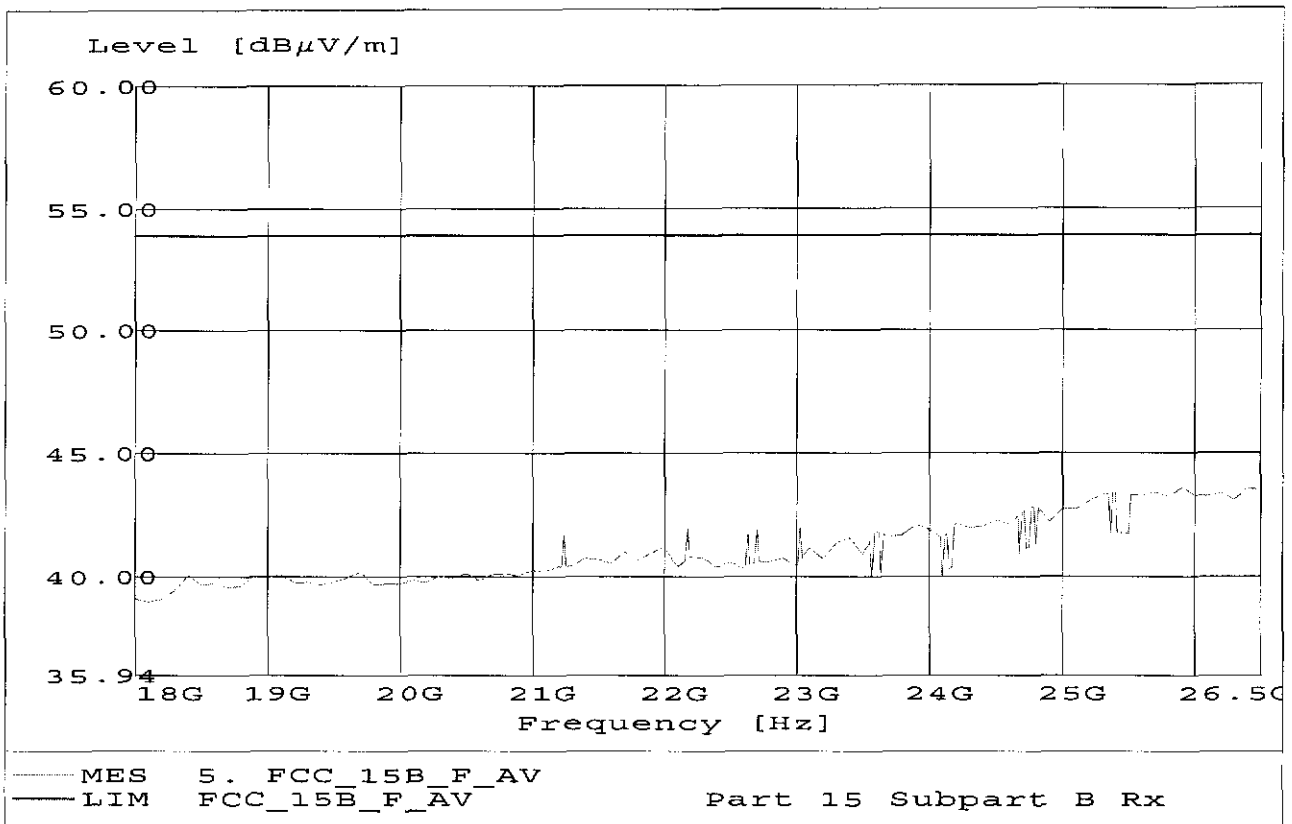
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 25.904GHz, Emax: 43.59dBμV/m, RBW: 1MHz



Mode receive, average measurement, antenna vertical

Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

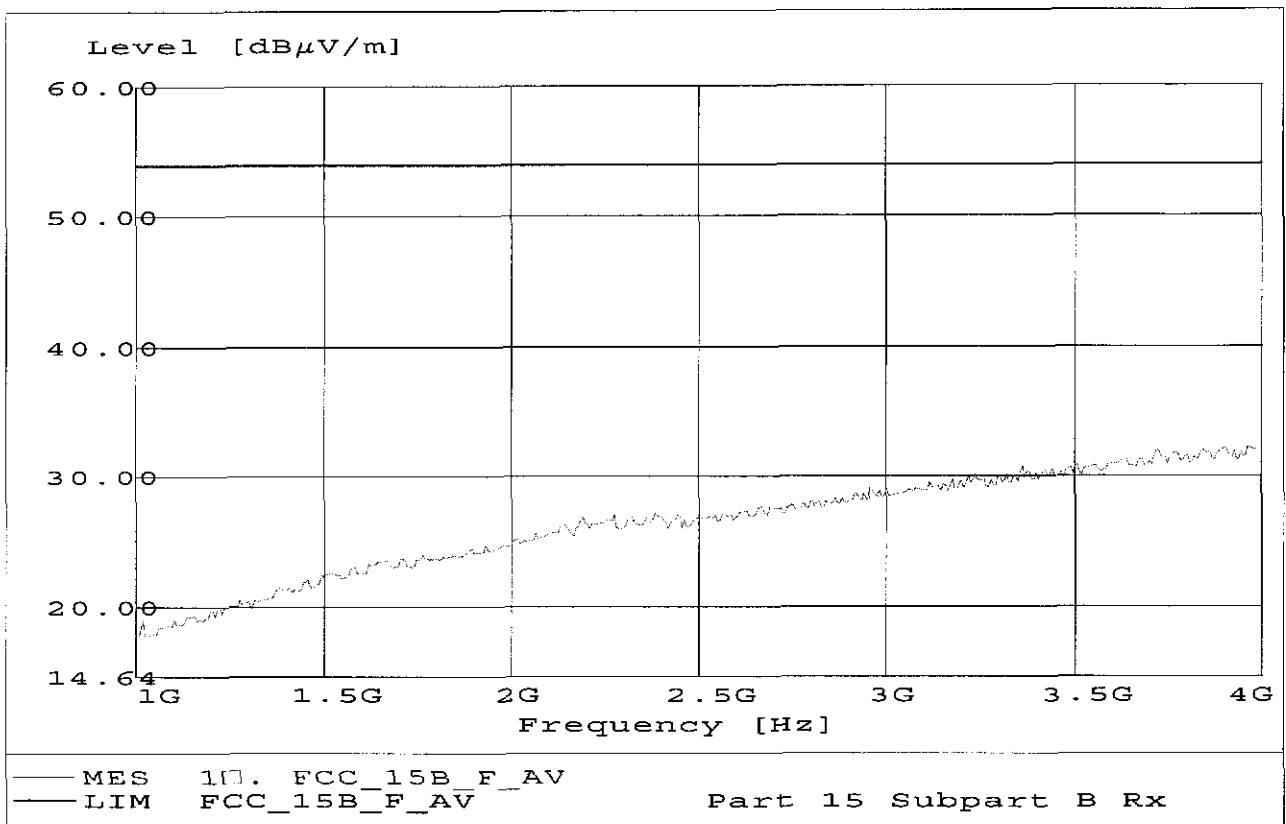
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 3.964GHz, Emax: 32.28dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

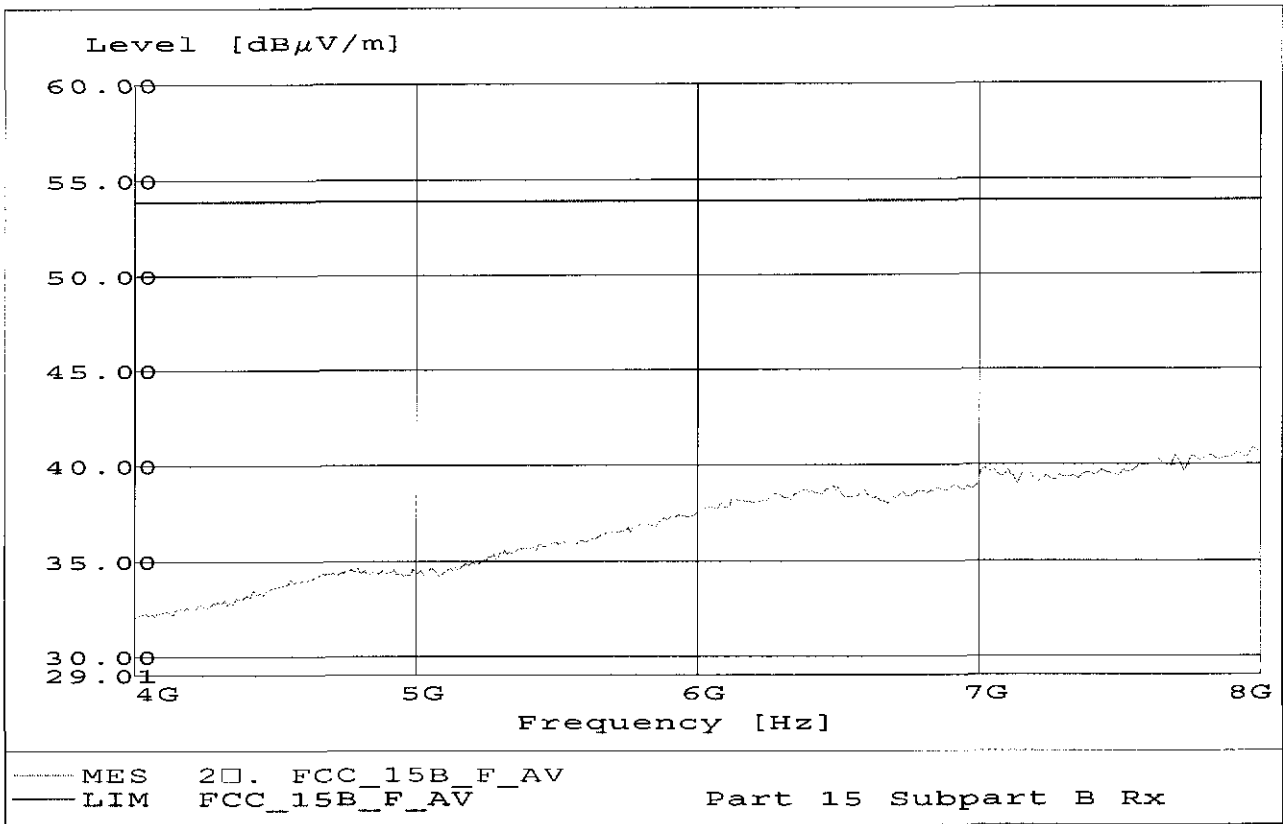
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 7.976GHz, Emax: 40.88dB $\mu\text{V/m}$, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

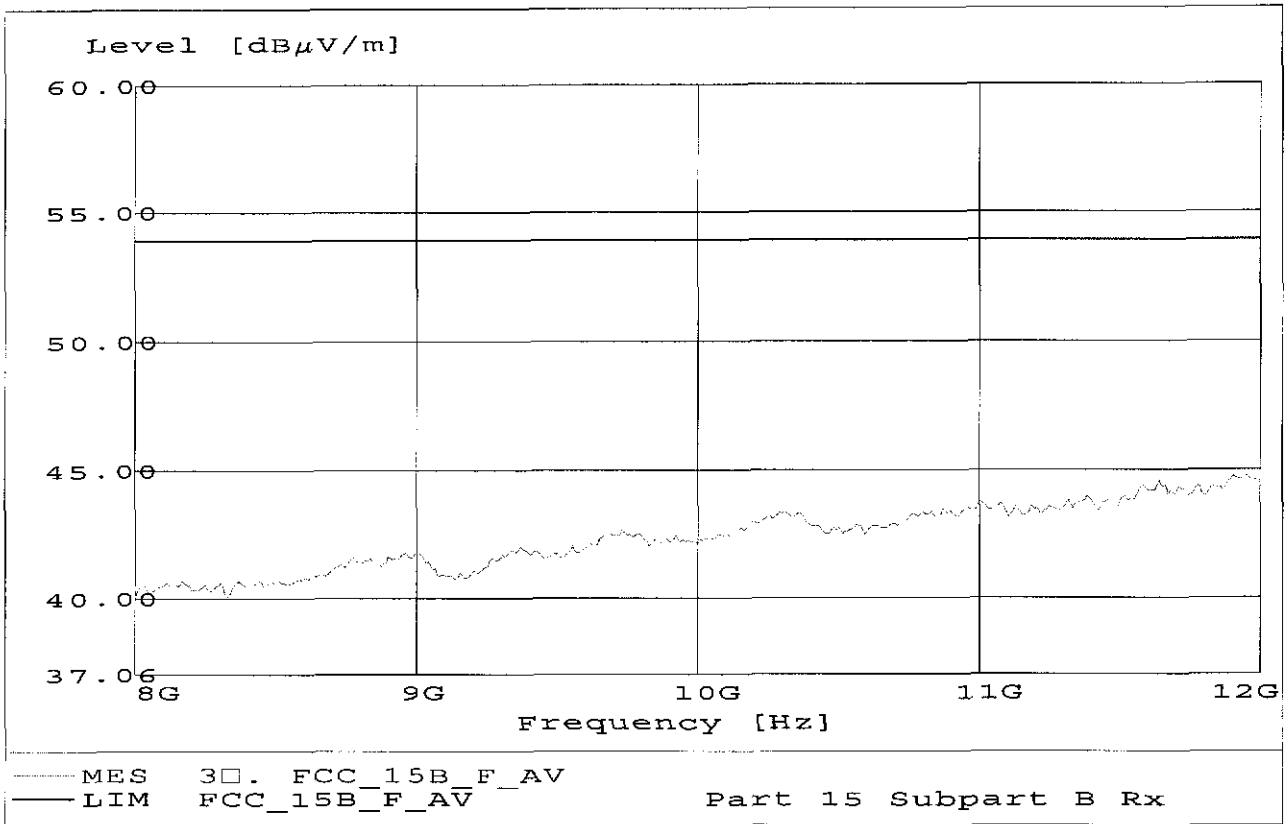
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 11.952GHz, Emax: 44.79dB μ V/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

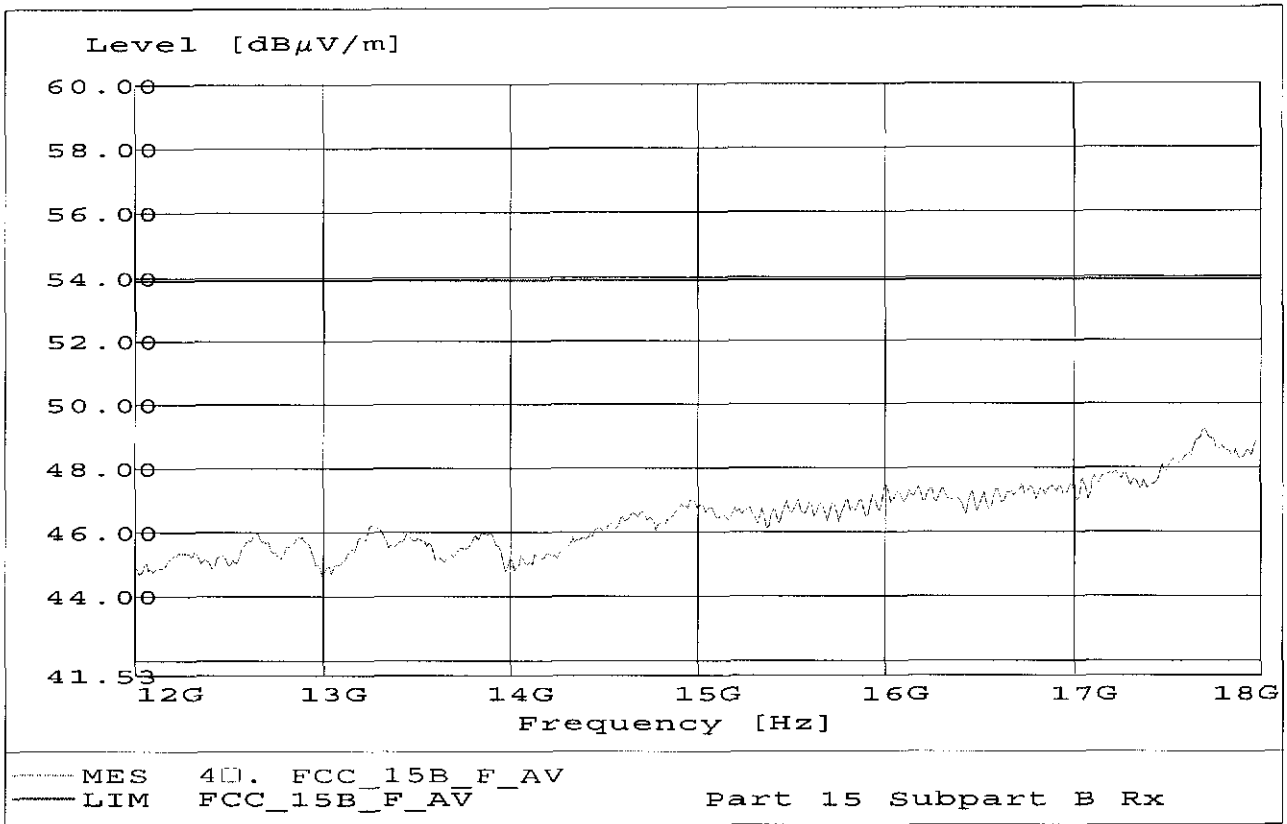
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 17.699GHz, Emax: 49.20dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

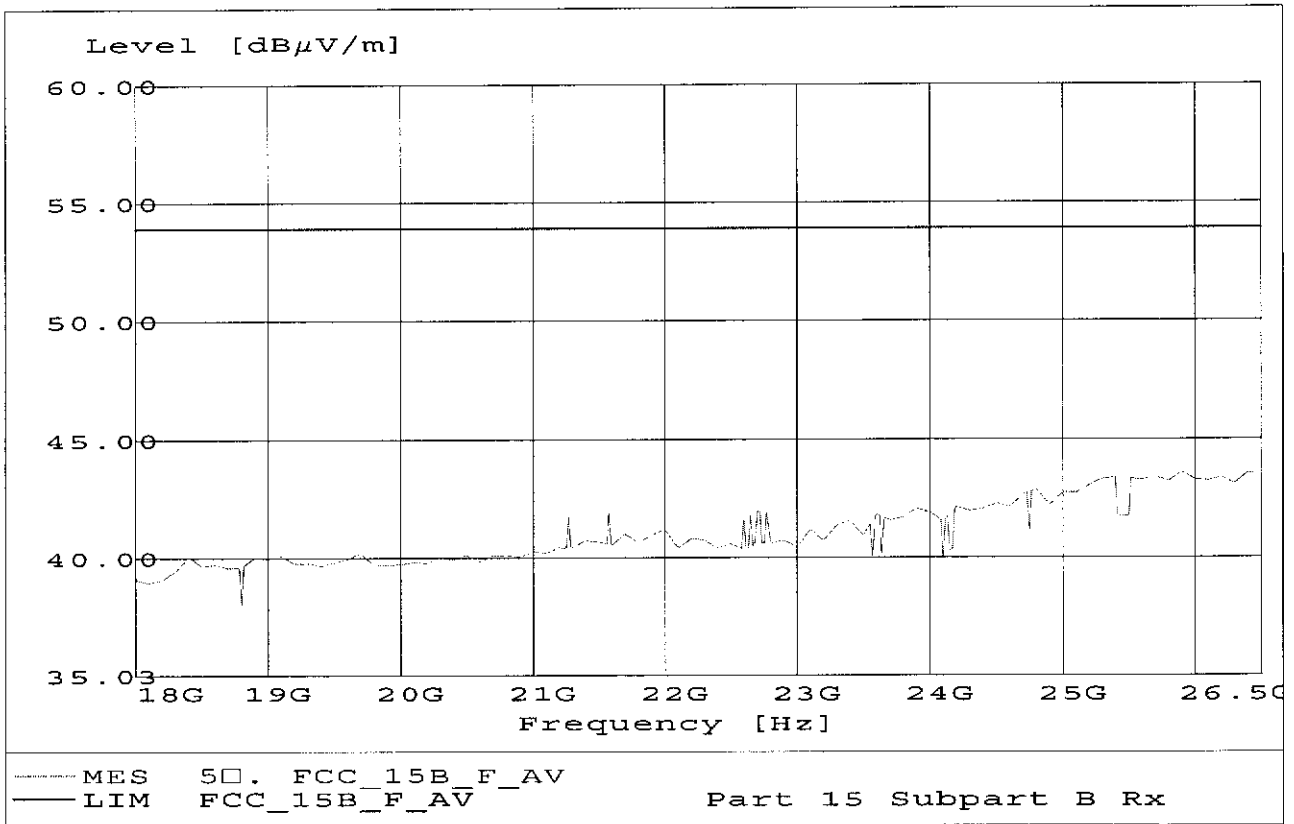
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 25.904GHz, Emax: 43.59dBμV/m, RBW: 1MHz



Mode receive, peak measurement, antenna horizontal

**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

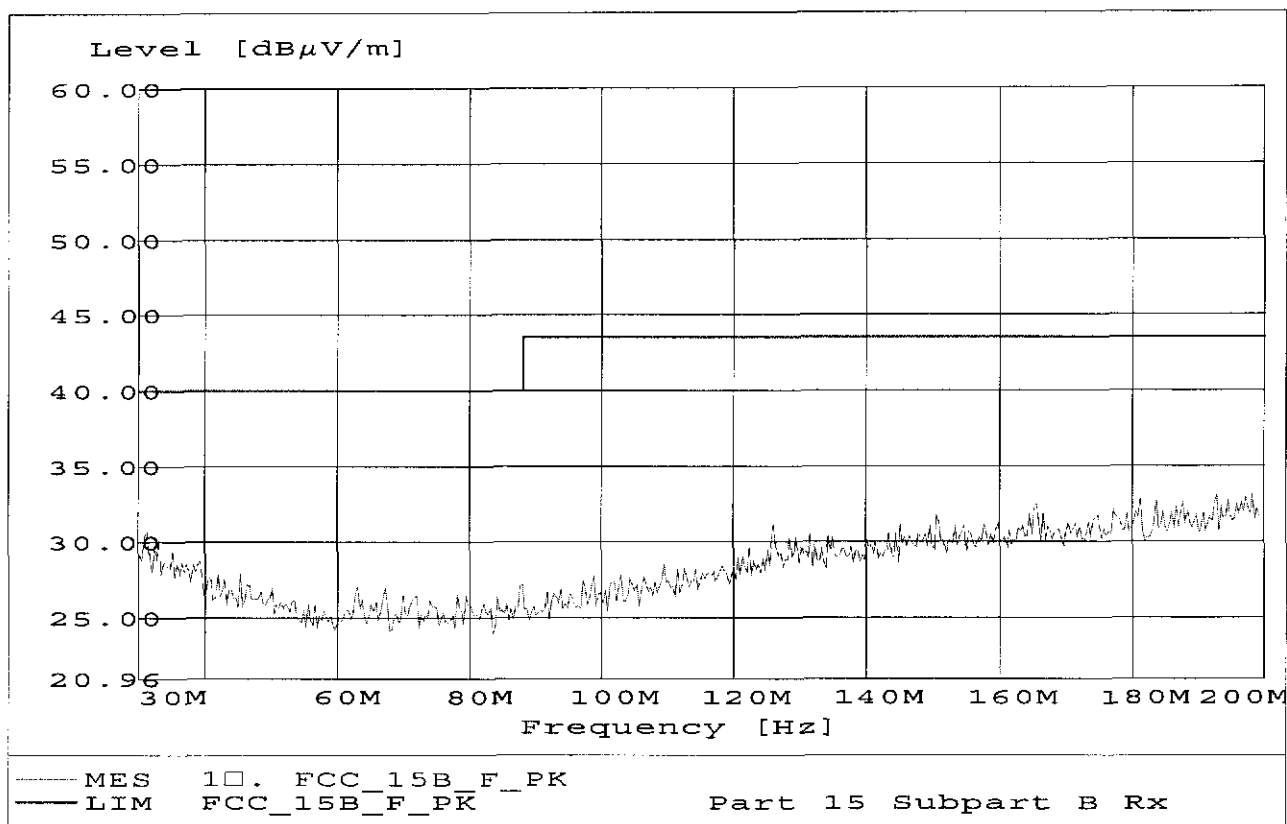
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HK116

Start of Test: Freq: 198.297MHz, Emax: 33.10dBµV/m, RBW: 100kHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

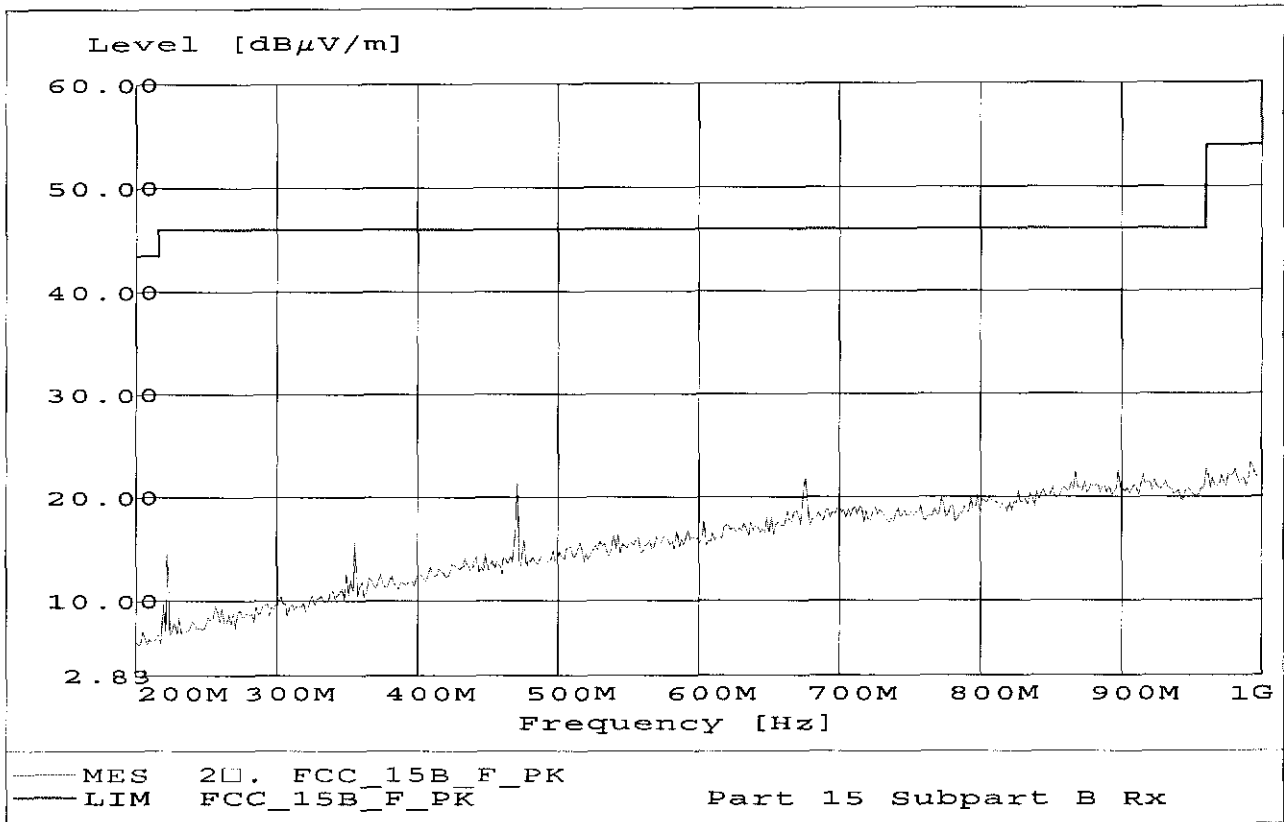
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL223, ampl.

Start of Test: Freq: 991.984MHz, Emax: 23.31dB μ V/m, RBW: 100kHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

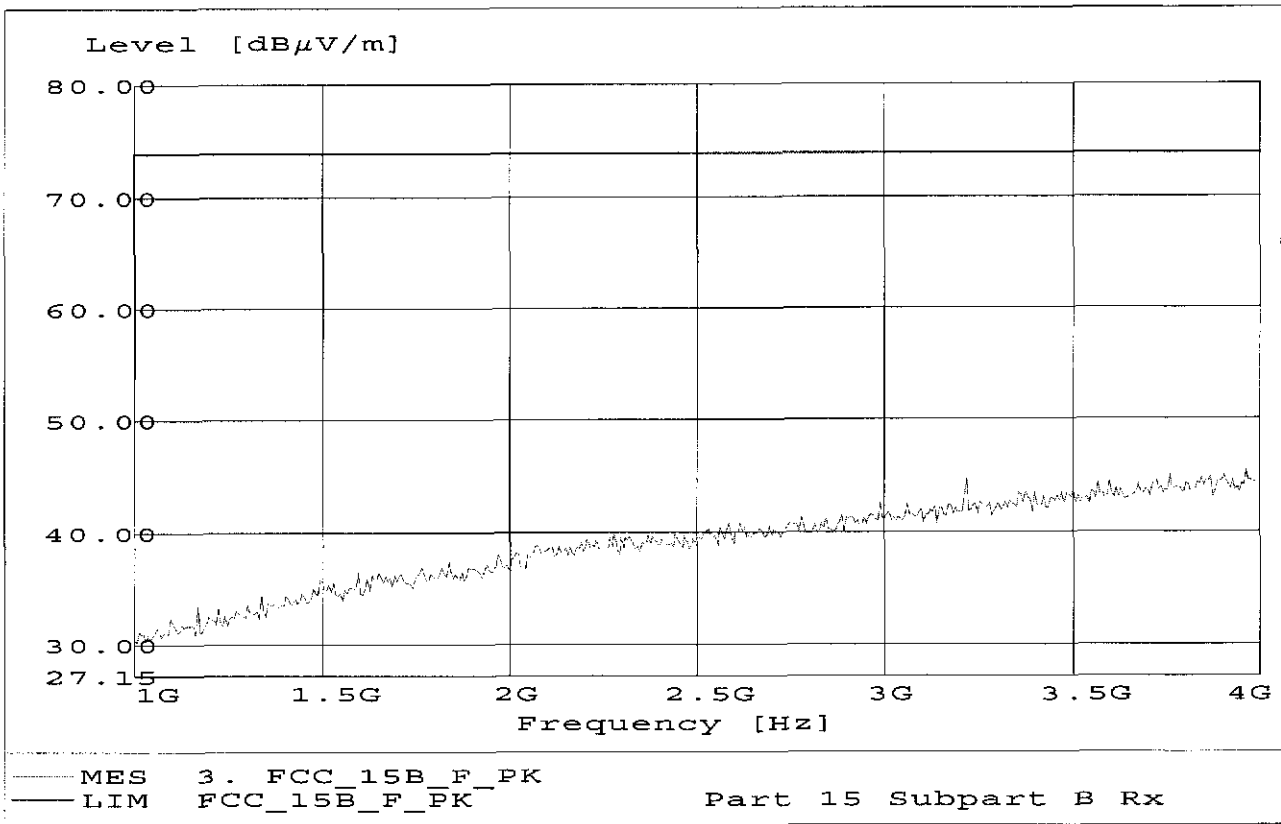
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 3.964GHz, Emax: 45.32dB $\mu\text{V/m}$, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

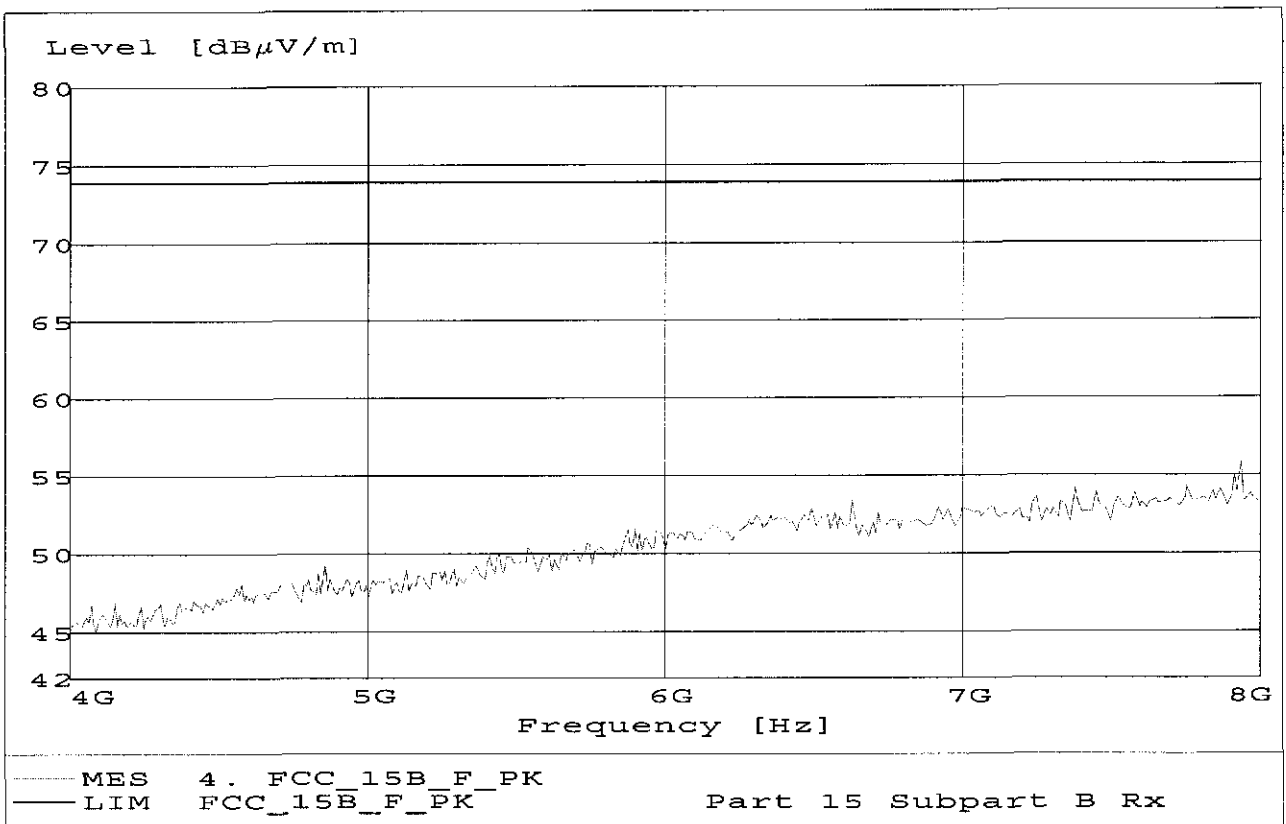
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 7.936GHz, Emax: 55.83dBuV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

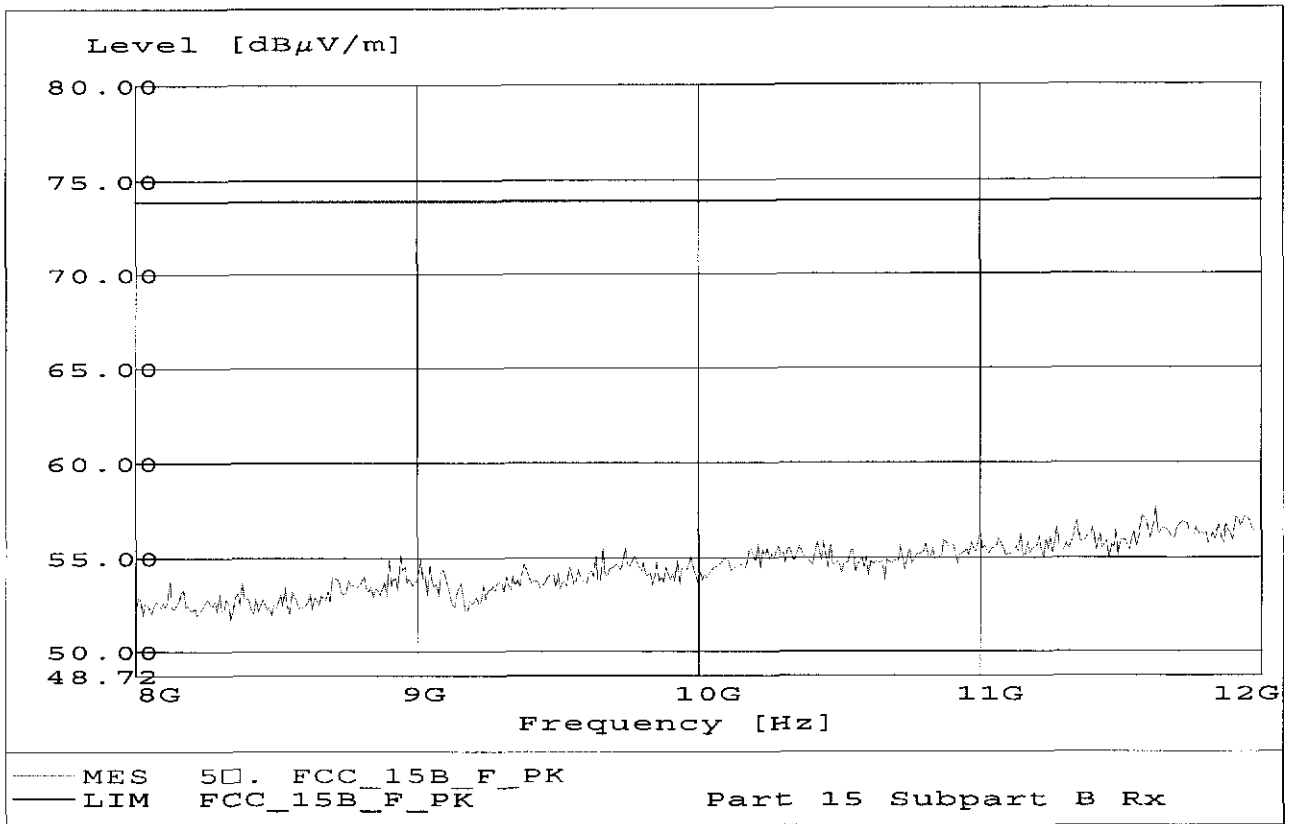
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 11.623GHz, Emax: 57.65dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

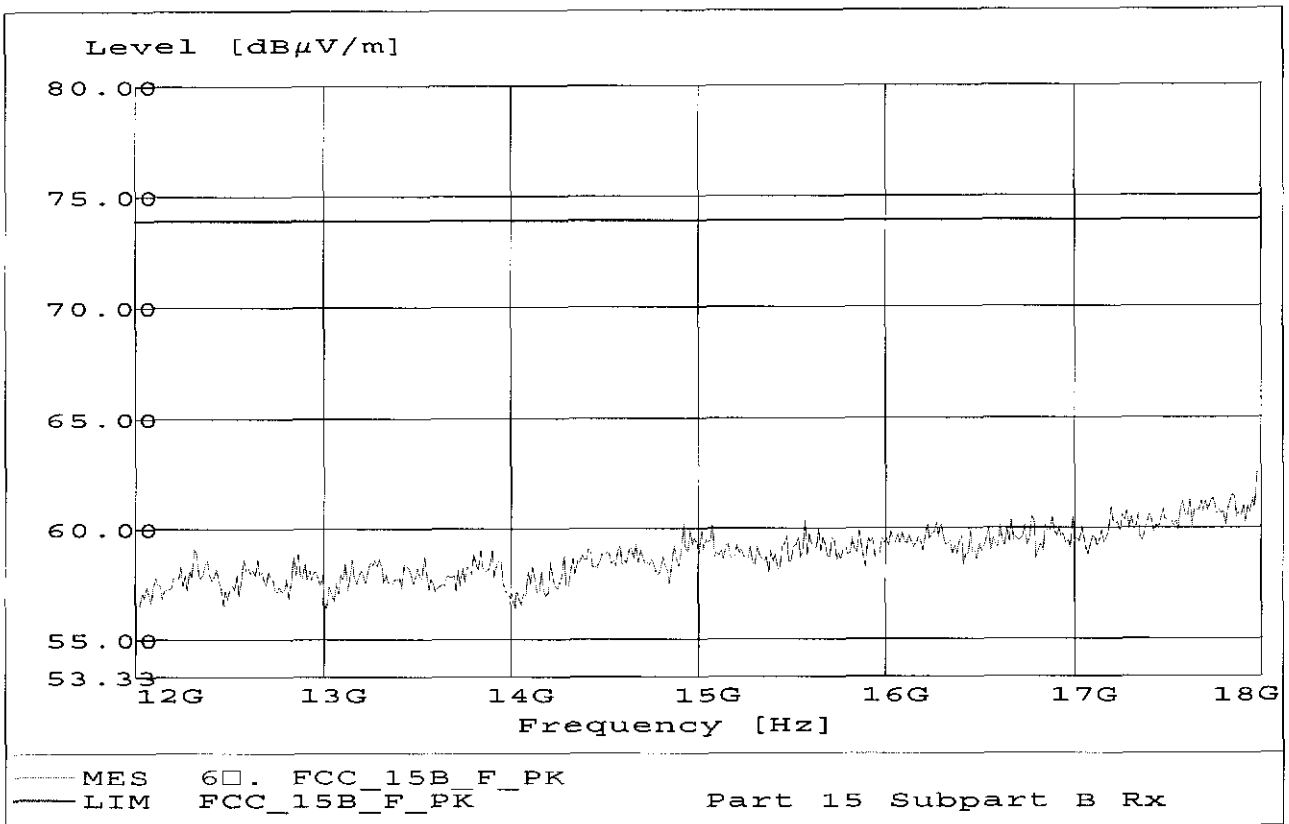
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 17.976GHz, Emax: 62.49dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

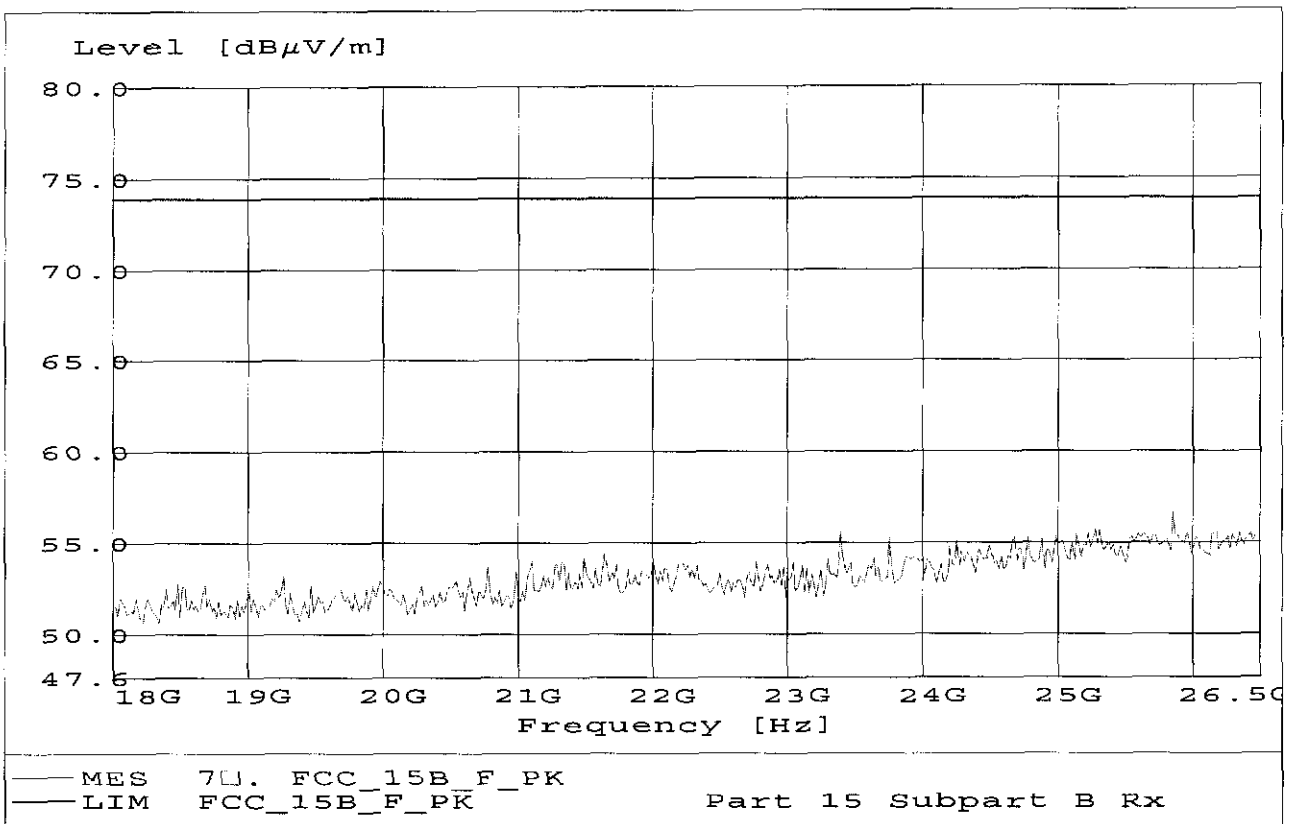
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 25.853GHz, Emax: 56.63dBμV/m, RBW: 1MHz



Mode receive, peak measurement, antenna vertical

*Field Strength under normal conditions
FCC RULES PART 15, SUBPART B*

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

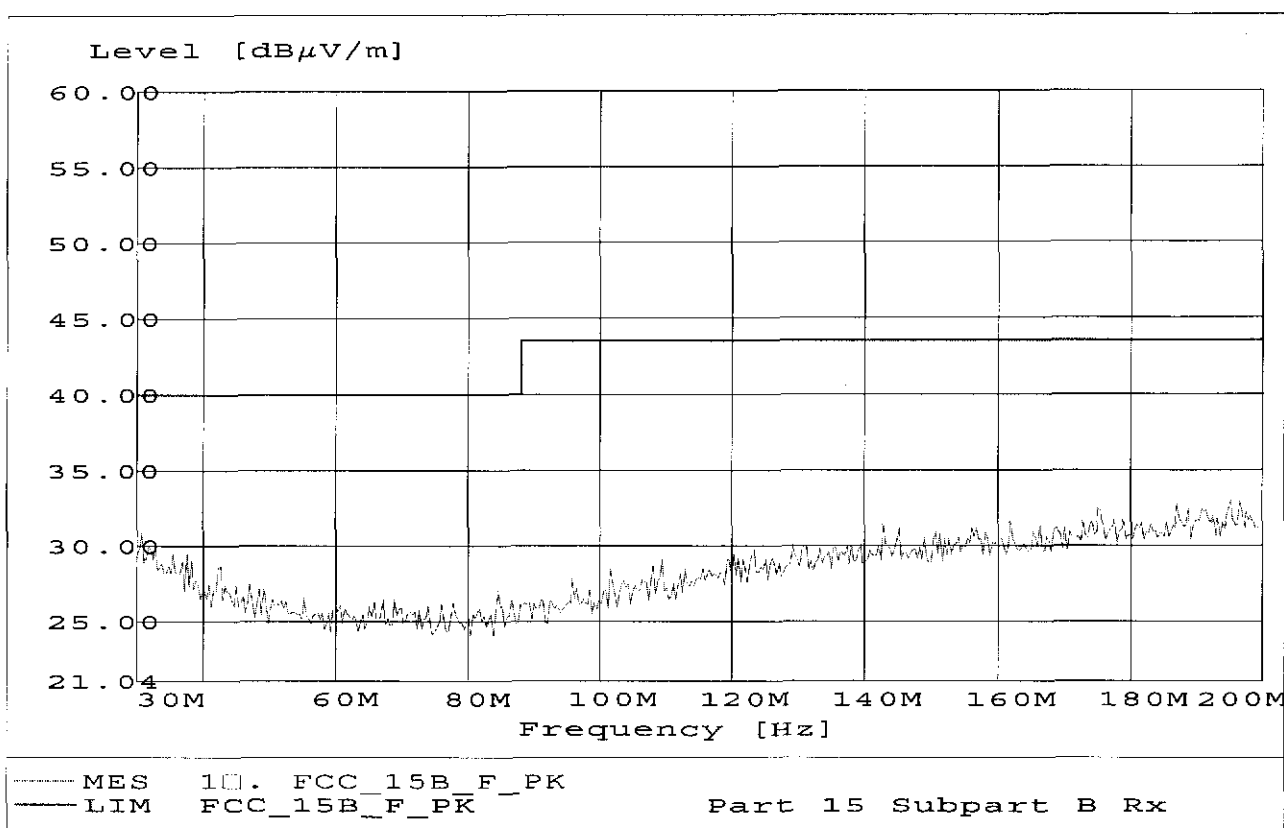
Operating Condition: *t nom=23°C V nom=3.6V DC*

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HK116

Start of Test: Freq: 195.230MHz, Emax: 32.96dBμV/m, RBW: 100kHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

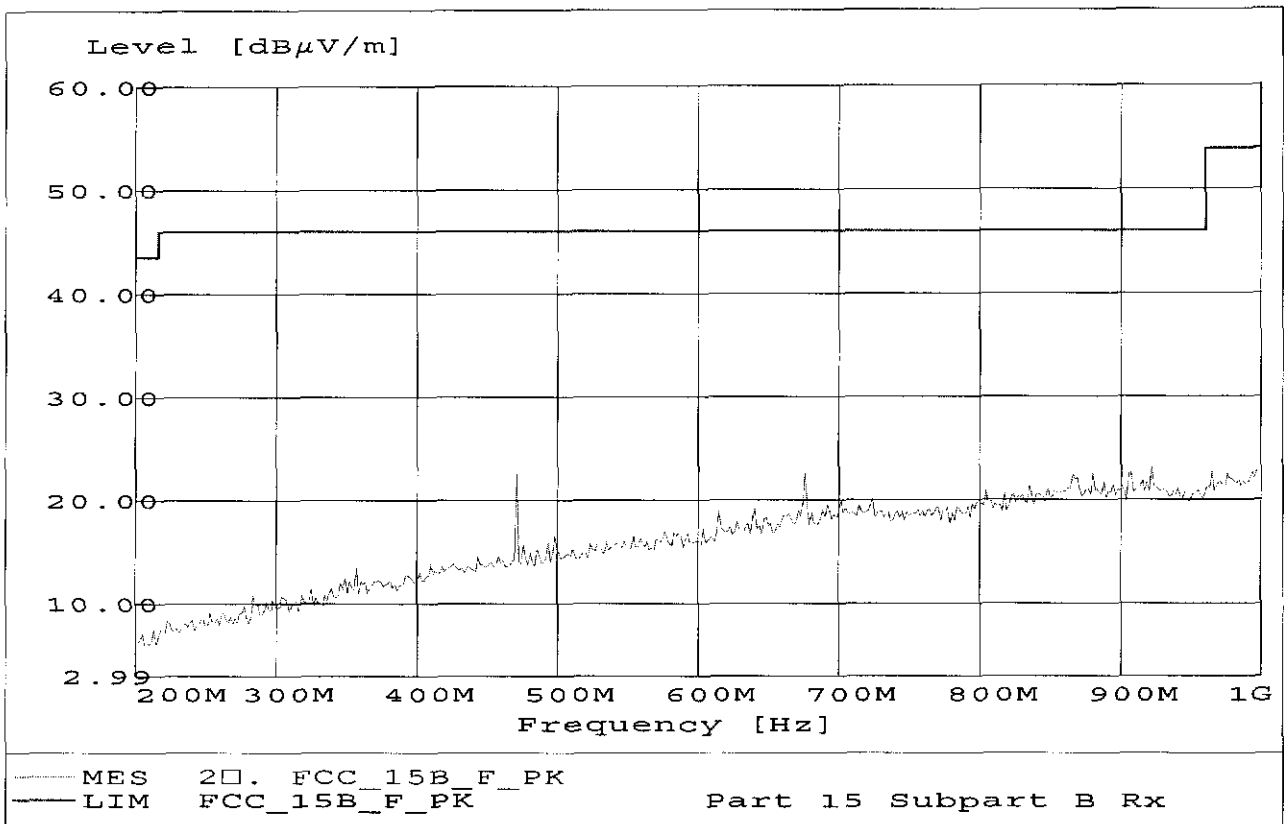
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.109

Comment 1: Dist.: 3m, Ant.: HL223, ampl.

Start of Test: Freq: 921.443MHz, Emax: 23.21dB μ V/m, RBW: 100kHz



Field Strength under normal conditions
FCC RULES PART 15, SUBPART B

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

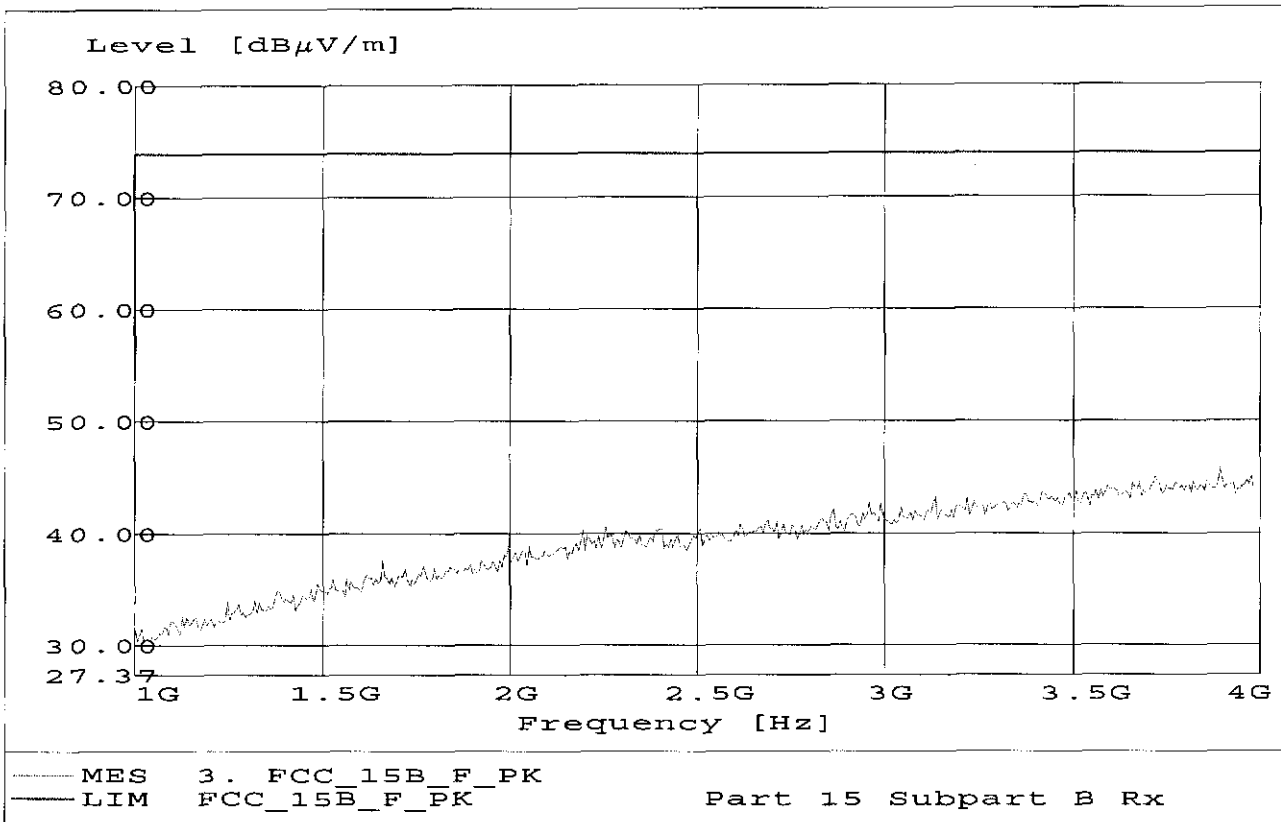
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 3.892GHz, Emax: 45.74dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx

Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

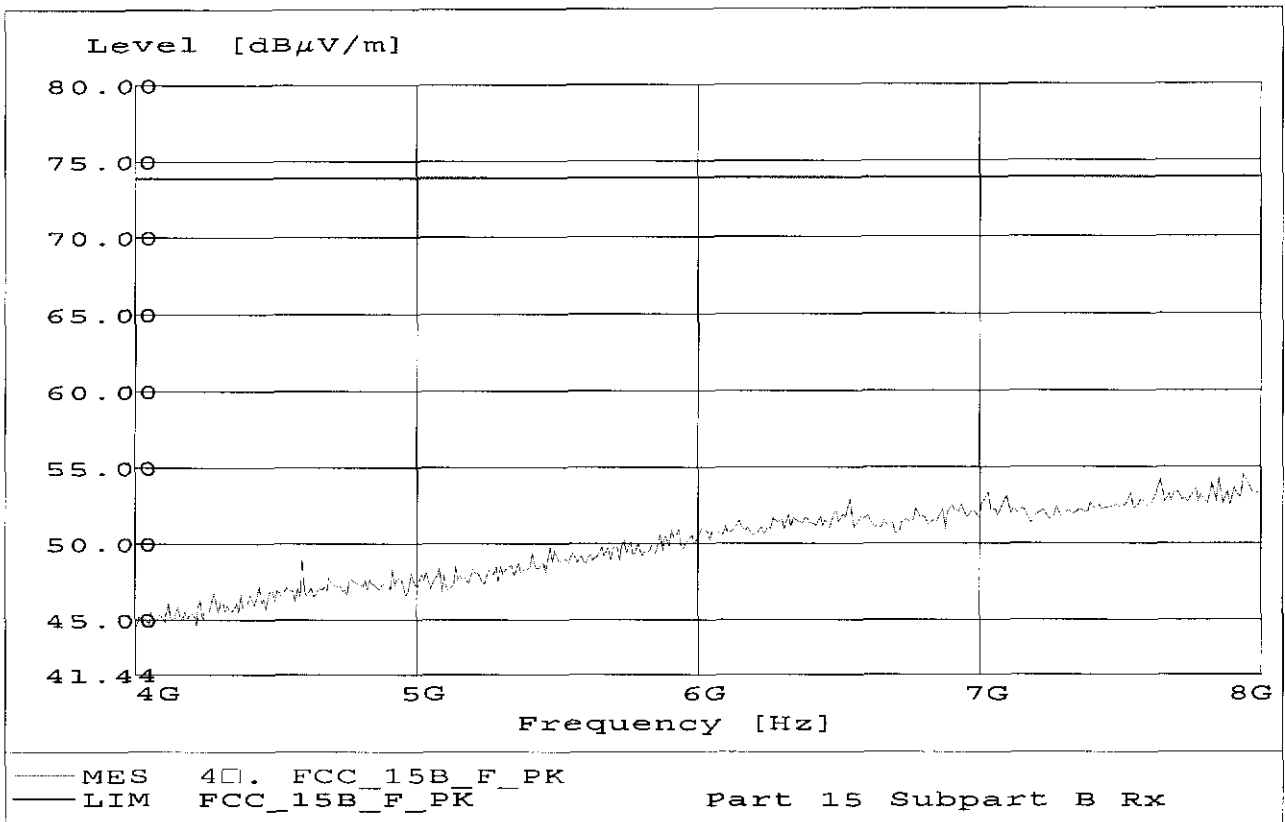
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 7.936GHz, Emax: 54.50dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

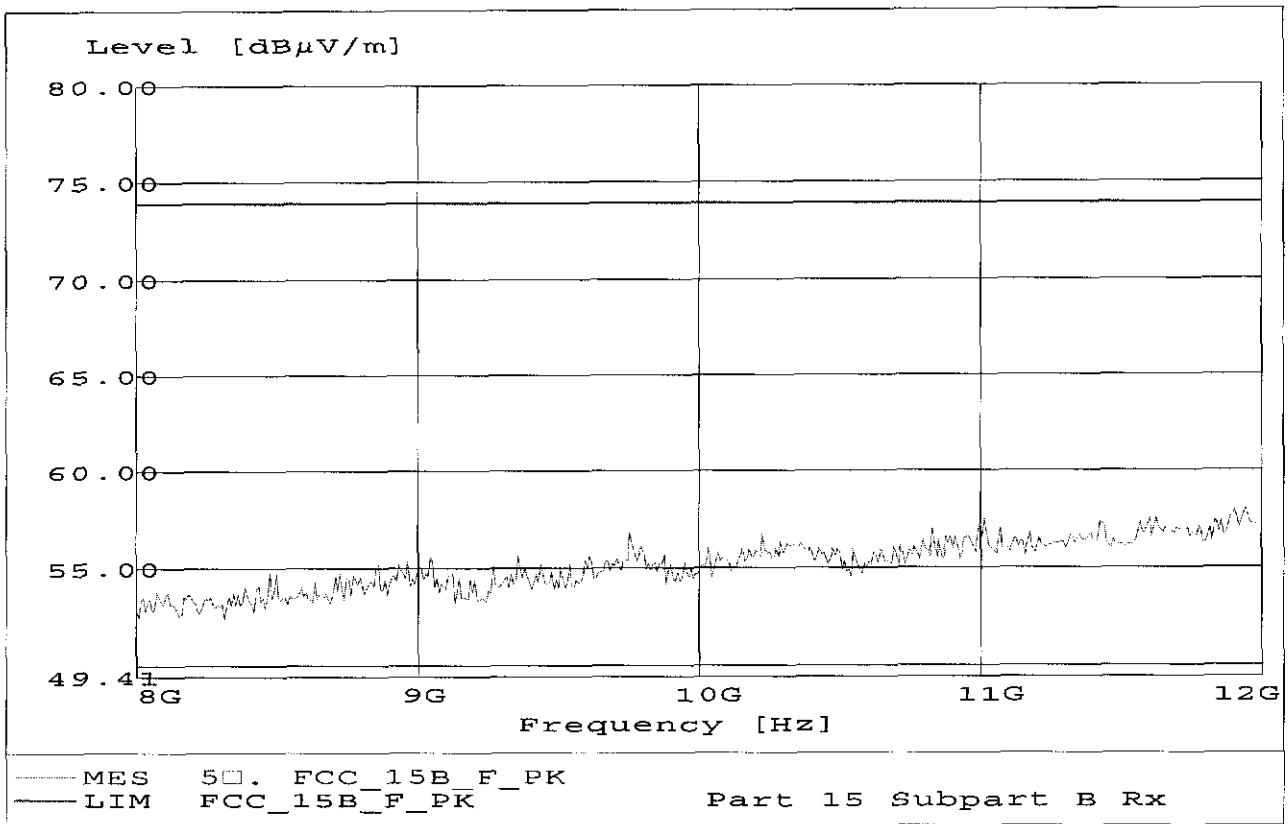
Operating Condition: $t_{nom}=23^{\circ}C$ $V_{nom}=3.6V$ DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 11.944GHz, Emax: 58.01dB μ V/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

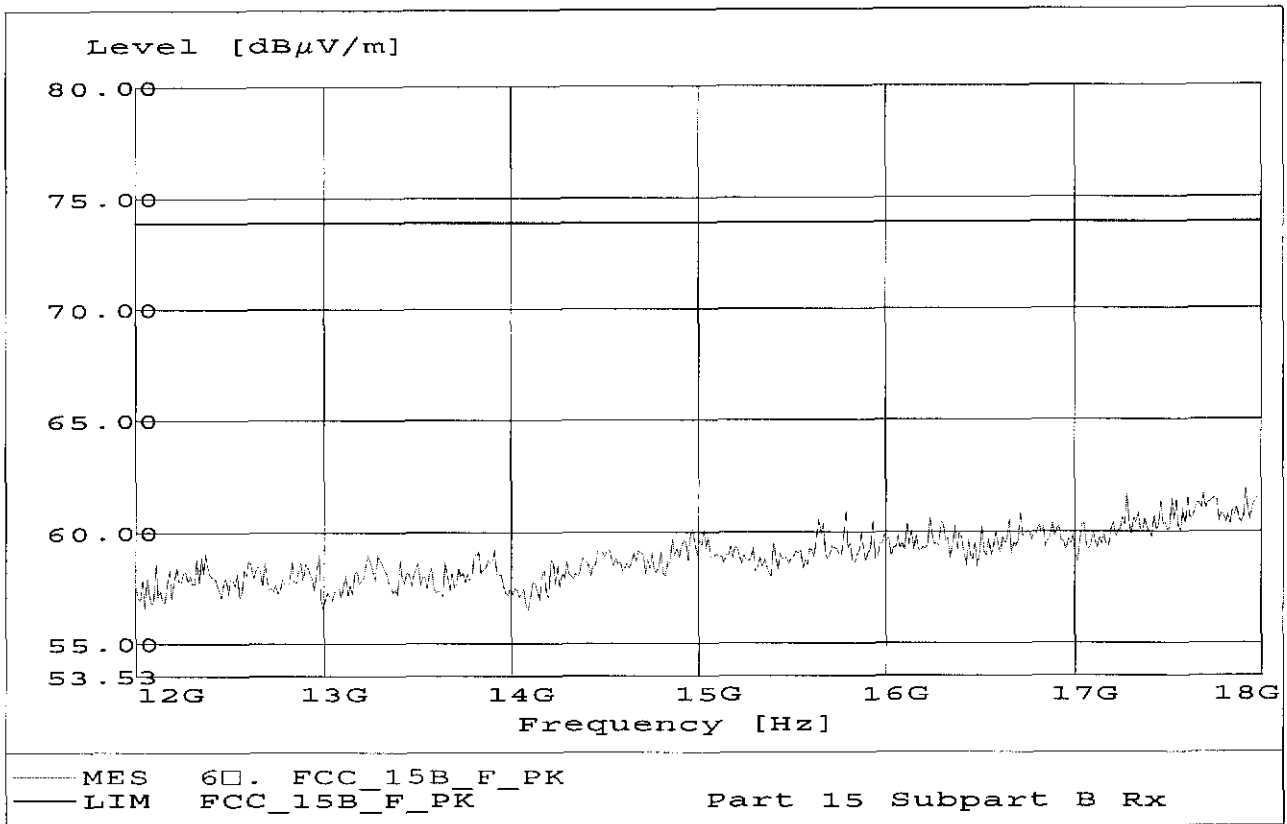
Operating Condition: t nom=23°C V nom=3.6V DC

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 17.916GHz, Emax: 61.92dBμV/m, RBW: 1MHz



**Field Strength under normal conditions
FCC RULES PART 15, SUBPART B**

EUT/ Model: Where Tag II HO / TFF-1015-xxxx
Manufacturer : WhereNet Corp.

20 dBm output power DSSS mode receive

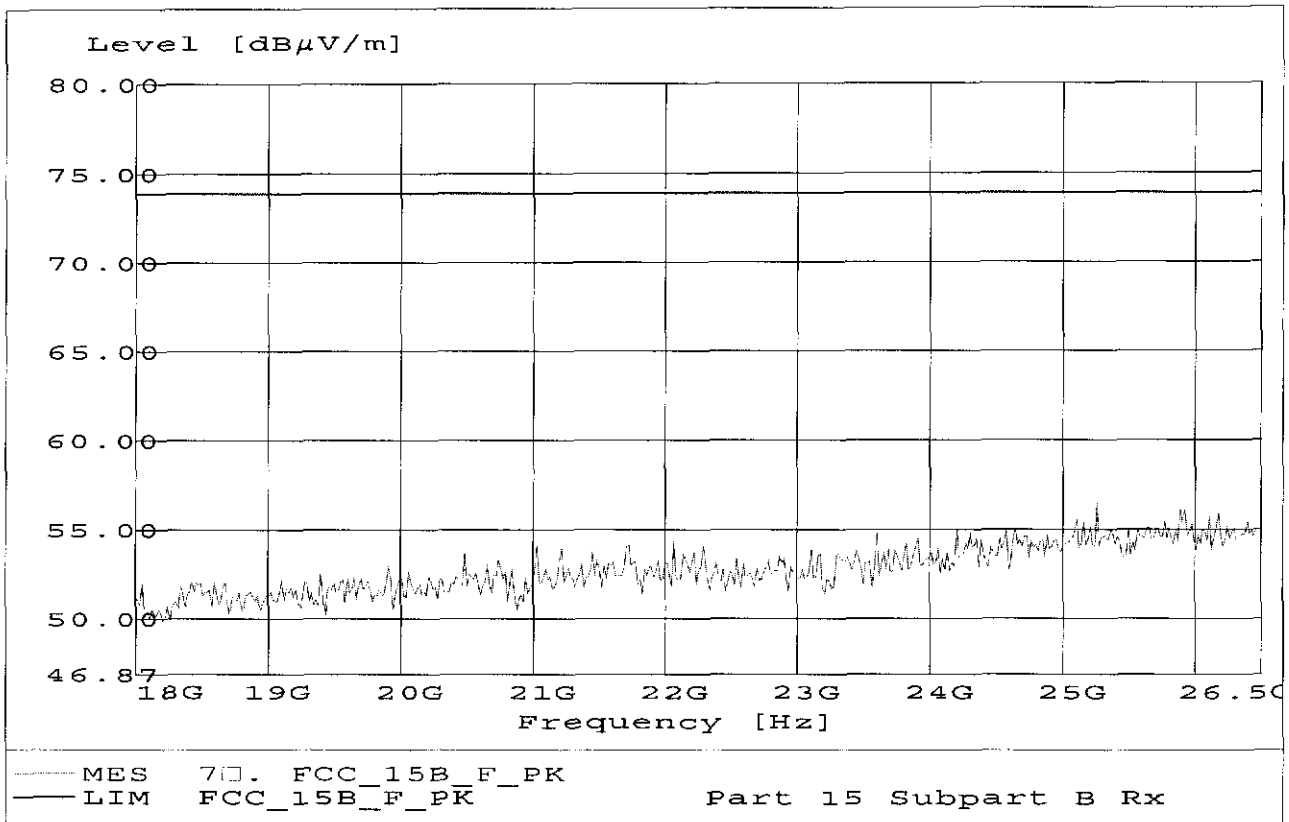
Operating Condition: $t_{nom}=23^{\circ}\text{C}$ $V_{nom}=3.6\text{V DC}$

Test Site / Operator: ETS / Mr. Schultze

Test Specification: according to §15.35, Limit 20 dB up (peak detector)

Comment 1: Dist.: 3m, Ant.: HL025, ampl.

Start of Test: Freq: 25.257GHz, Emax: 56.44dB $\mu\text{V/m}$, RBW: 1MHz



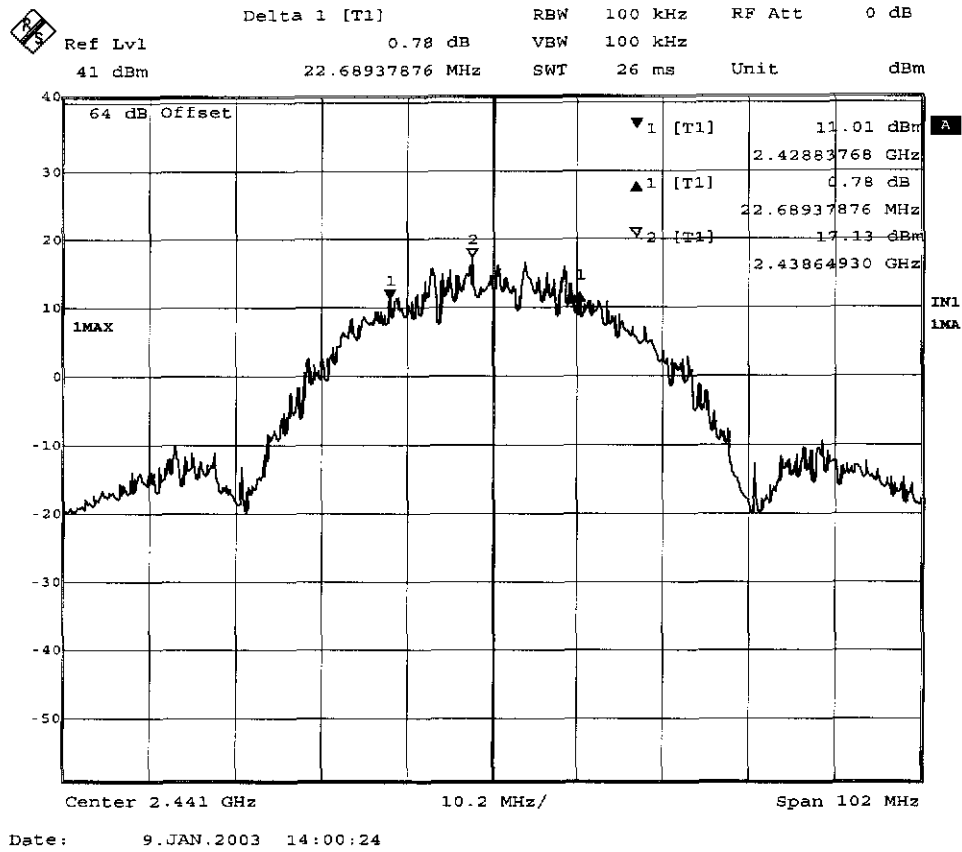


Appendix E

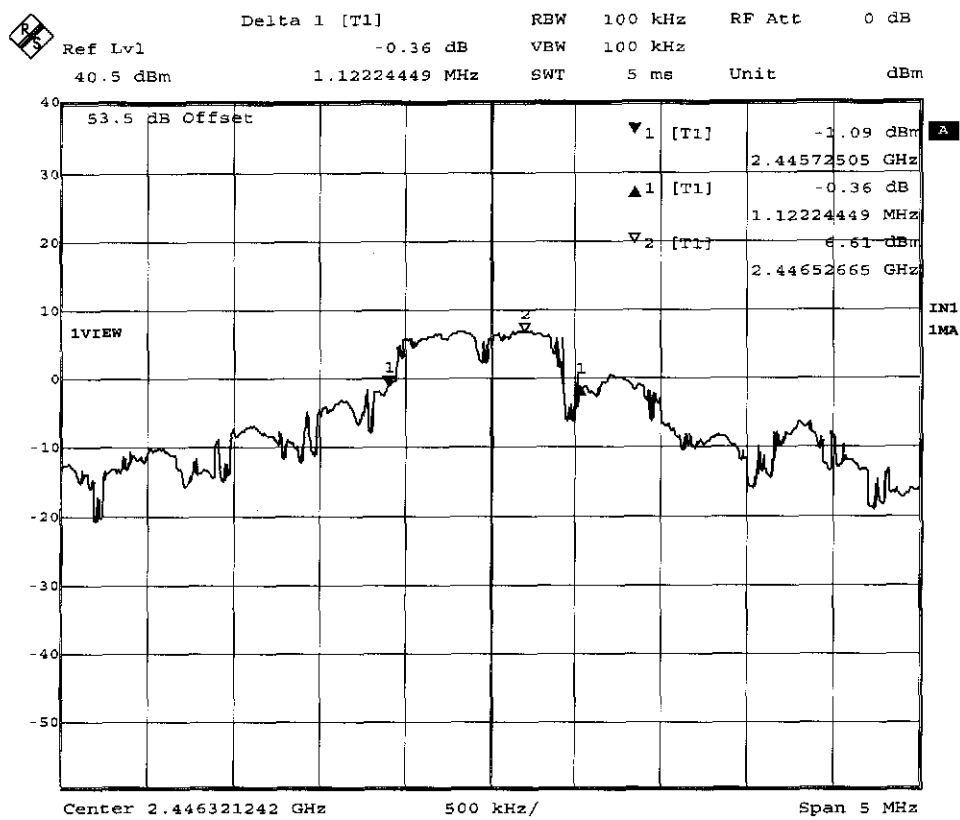
6 dB Bandwidth

Diagrams Minimum 6 dB Bandwidth

Mode DSSS CW



Mode DSSS OOK




Date: 9.JAN.2003 14:17:39

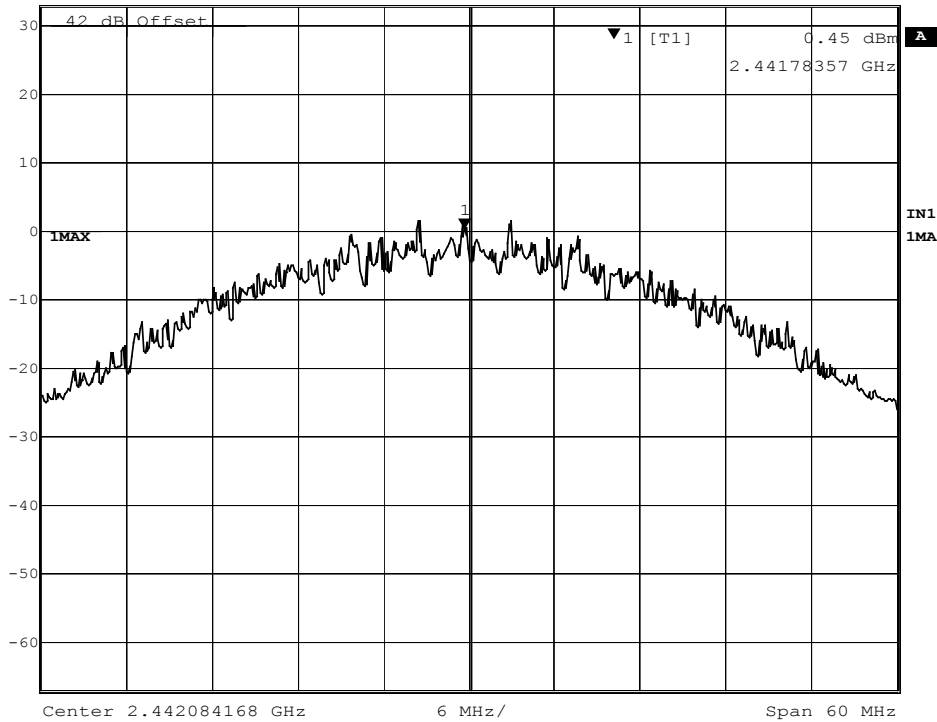


Appendix F


Max. Power Density

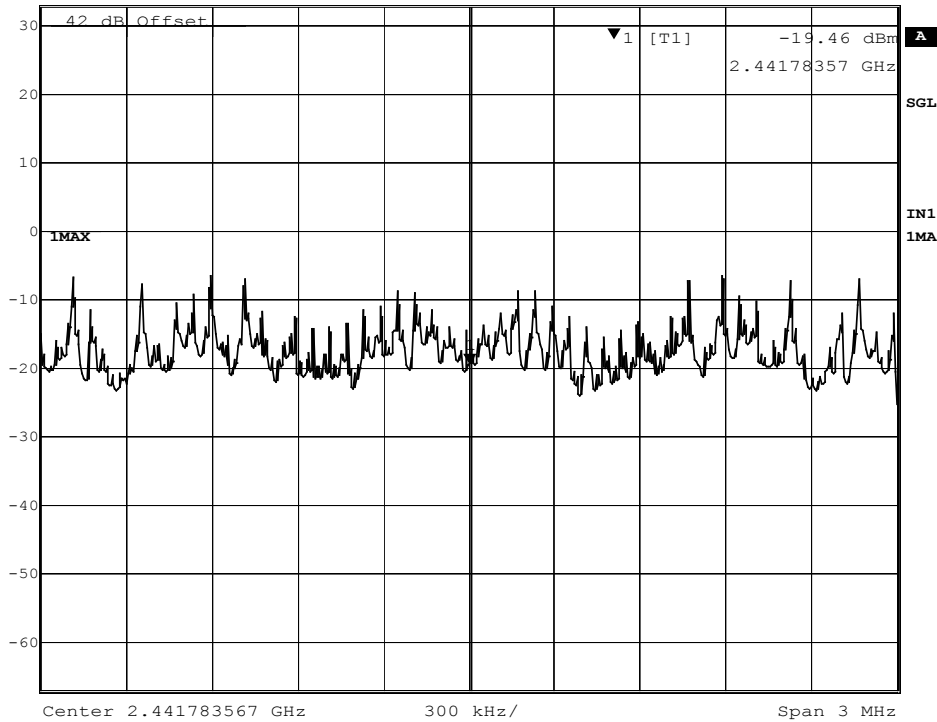
Power density DSSS CW

	Marker 1 [T1]	RBW	100 kHz	RF Att	20 dB
Ref Lvl	0.45 dBm	VBW	1 MHz		
33 dBm	2.44178357 GHz	SWT	15 ms	Unit	dBm



Date: 7.FEB.2003 10:28:49

	Marker 1 [T1]	RBW	3 kHz	RF Att	20 dB
Ref Lvl	-19.46 dBm	VBW	1 MHz		
33 dBm	2.44178357 GHz	SWT	1000 s	Unit	dBm

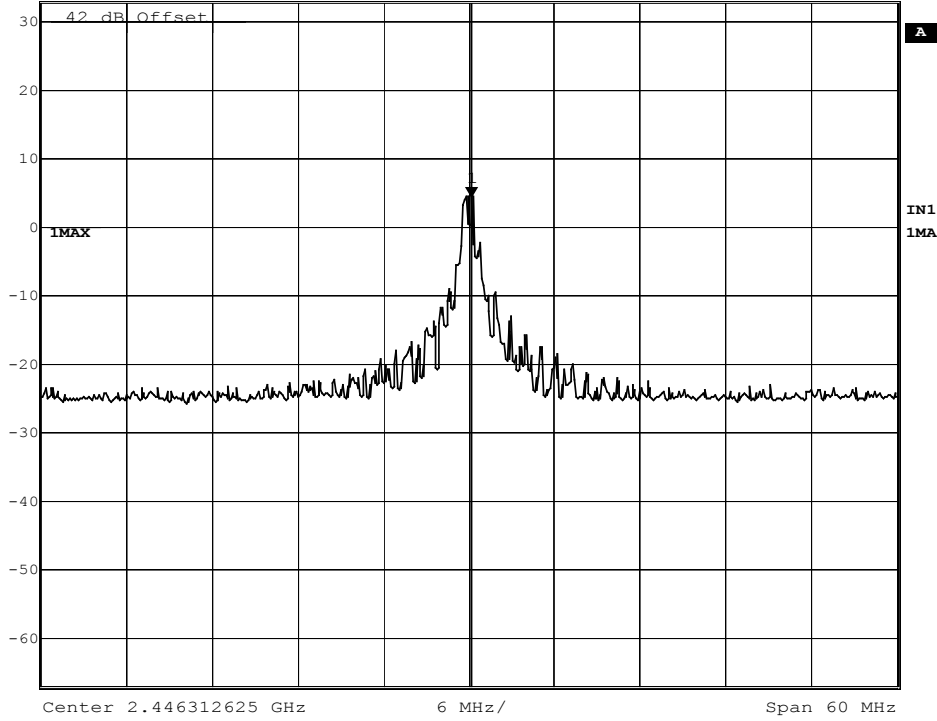


Date: 7.FEB.2003 11:15:45

Power density DSSS OOK



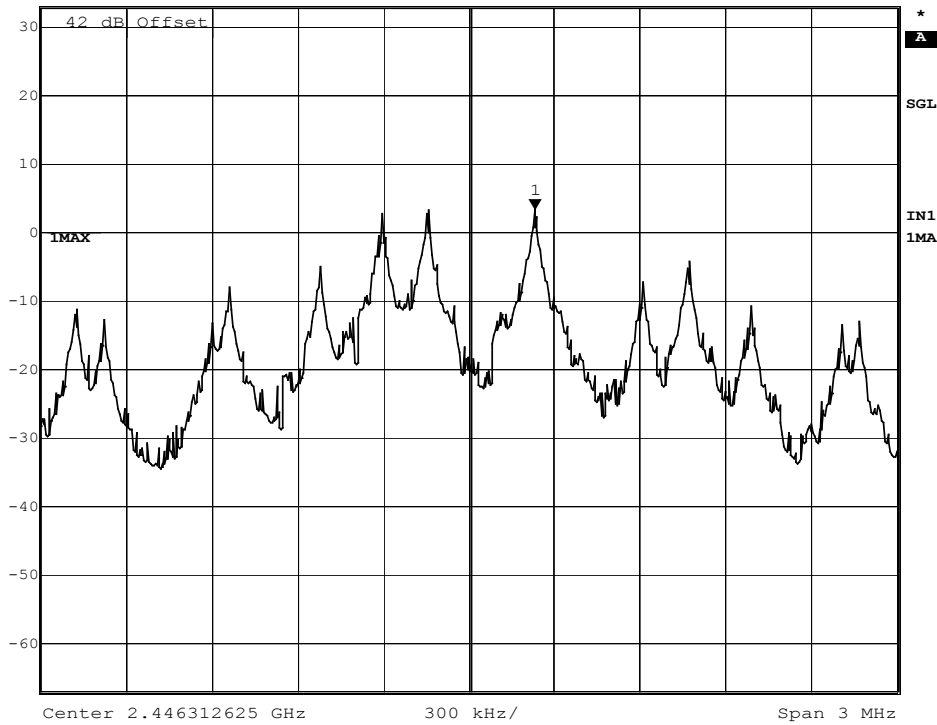
Marker 1 [T1] RBW 100 kHz RF Att 20 dB
 Ref Lvl 4.45 dBm VBW 1 MHz
 33 dBm 2.44649299 GHz SWT 15 ms Unit dBm



Date: 7.FEB.2003 11:27:18



Marker 1 [T1] RBW 3 kHz RF Att 20 dB
 Ref Lvl 3.27 dBm VBW 1 MHz
 33 dBm 2.44654409 GHz SWT 1000 s Unit dBm



Date: 7.FEB.2003 12:07:24

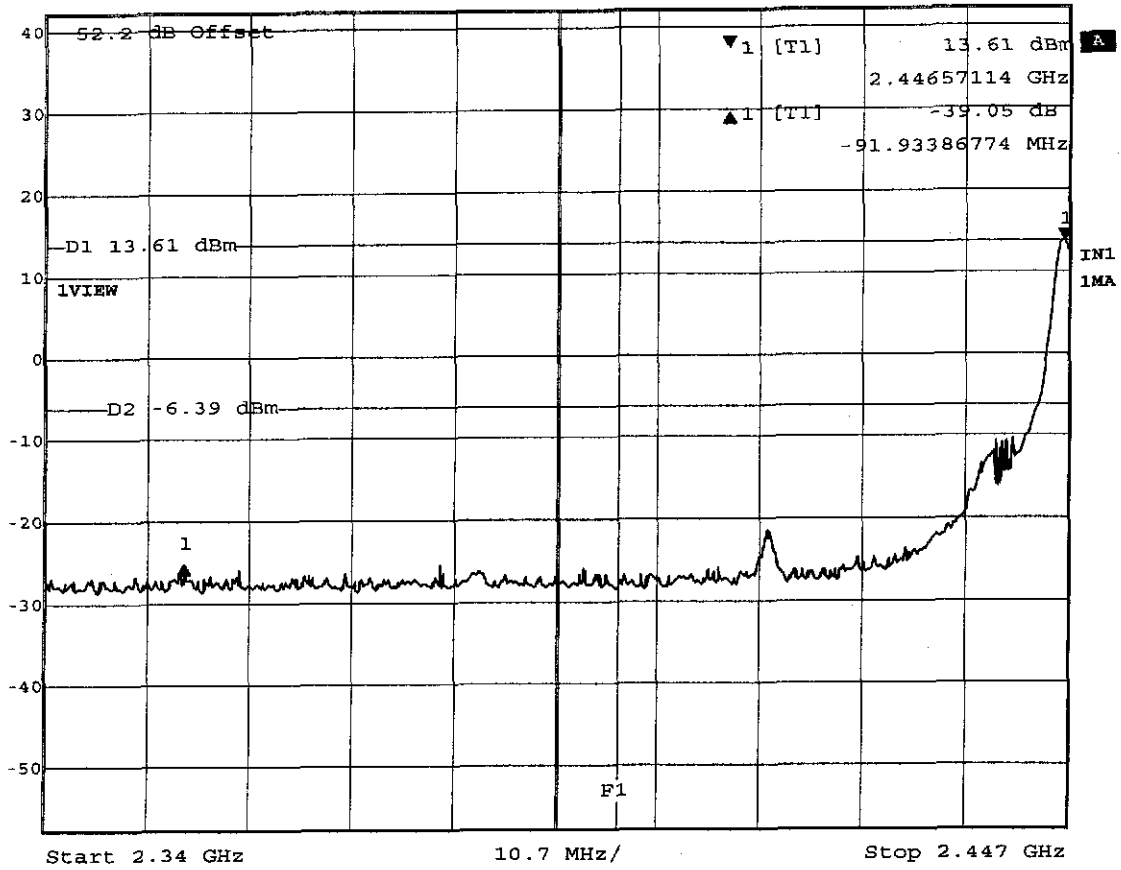


Appendix G

Band-edge Compliance of RF Conducted Emissions



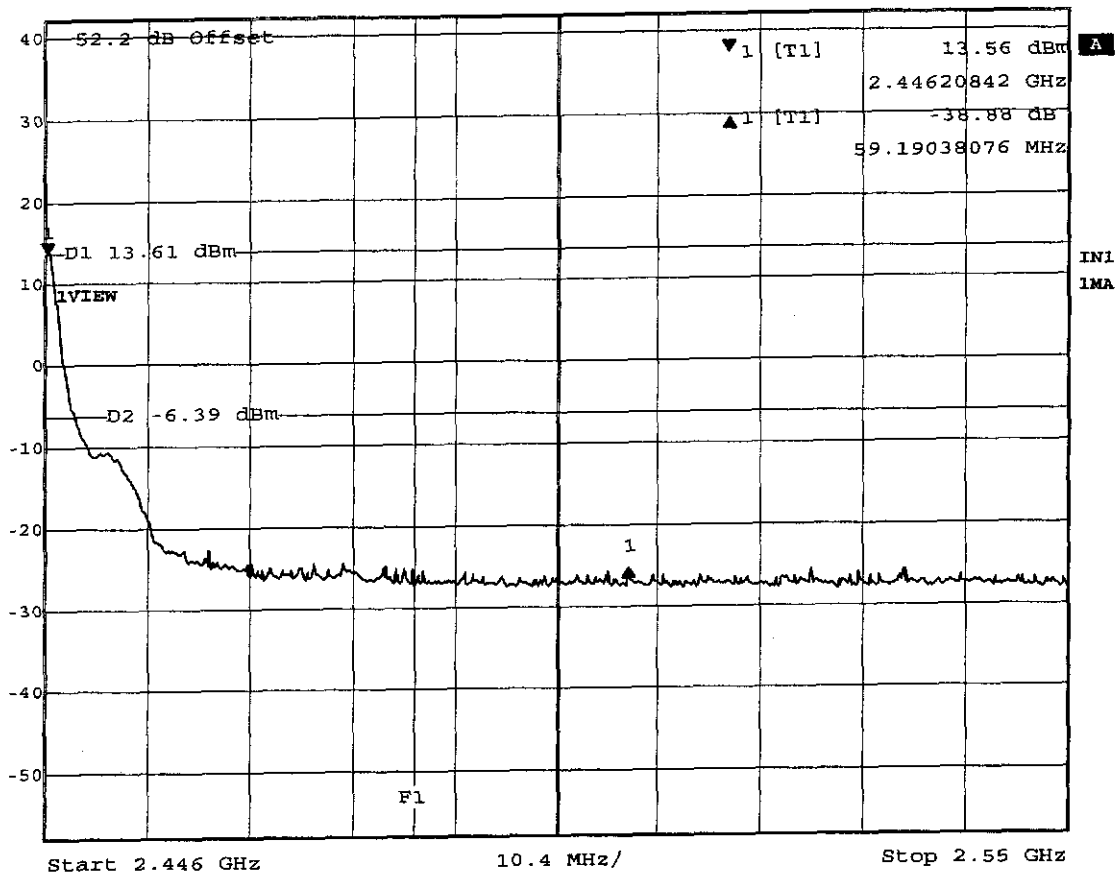
Delta 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl -39.05 dB VBW 1 MHz
42.2 dBm -91.93386774 MHz SWT 5 ms Unit dBm



Date: 19.JAN.2003 16:02:26



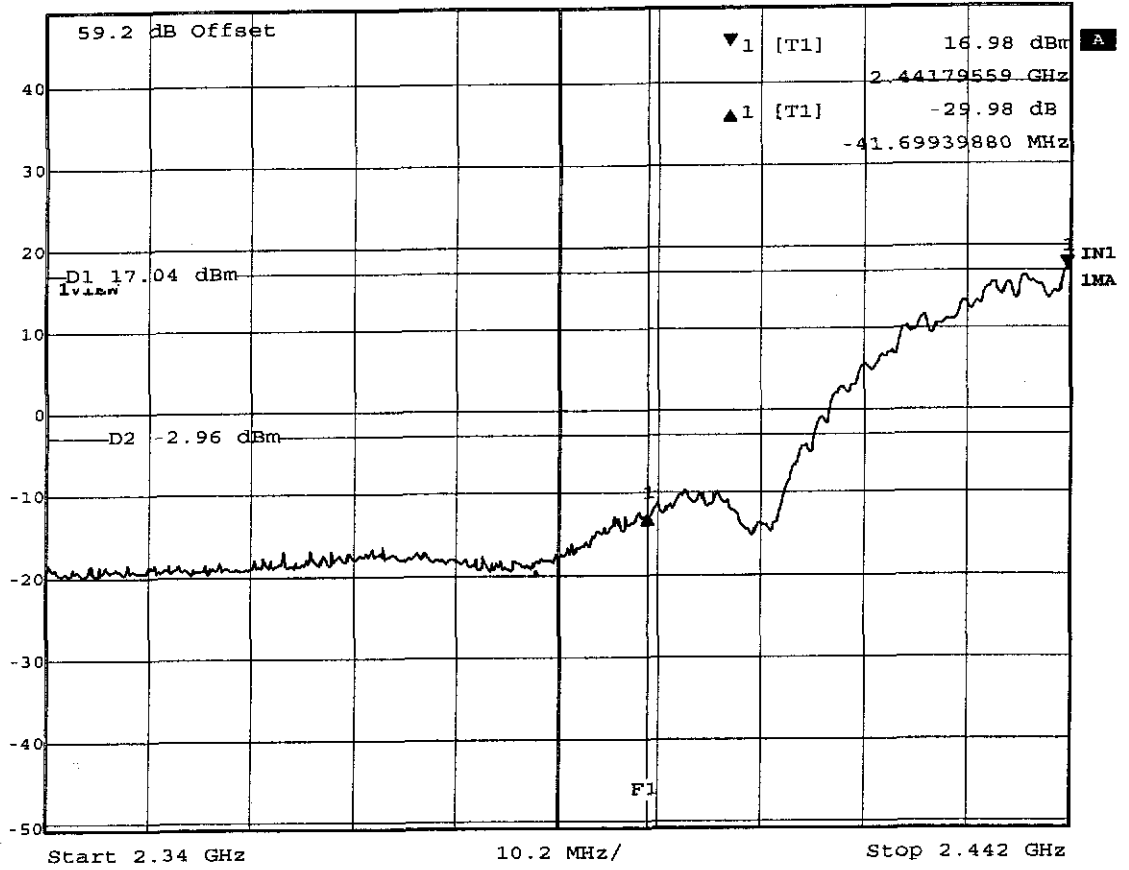
Delta 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl -38.88 dB VBW 1 MHz
42.2 dBm 59.19038076 MHz SWT 5 ms Unit dBm



Date: 19.JAN.2003 16:14:44



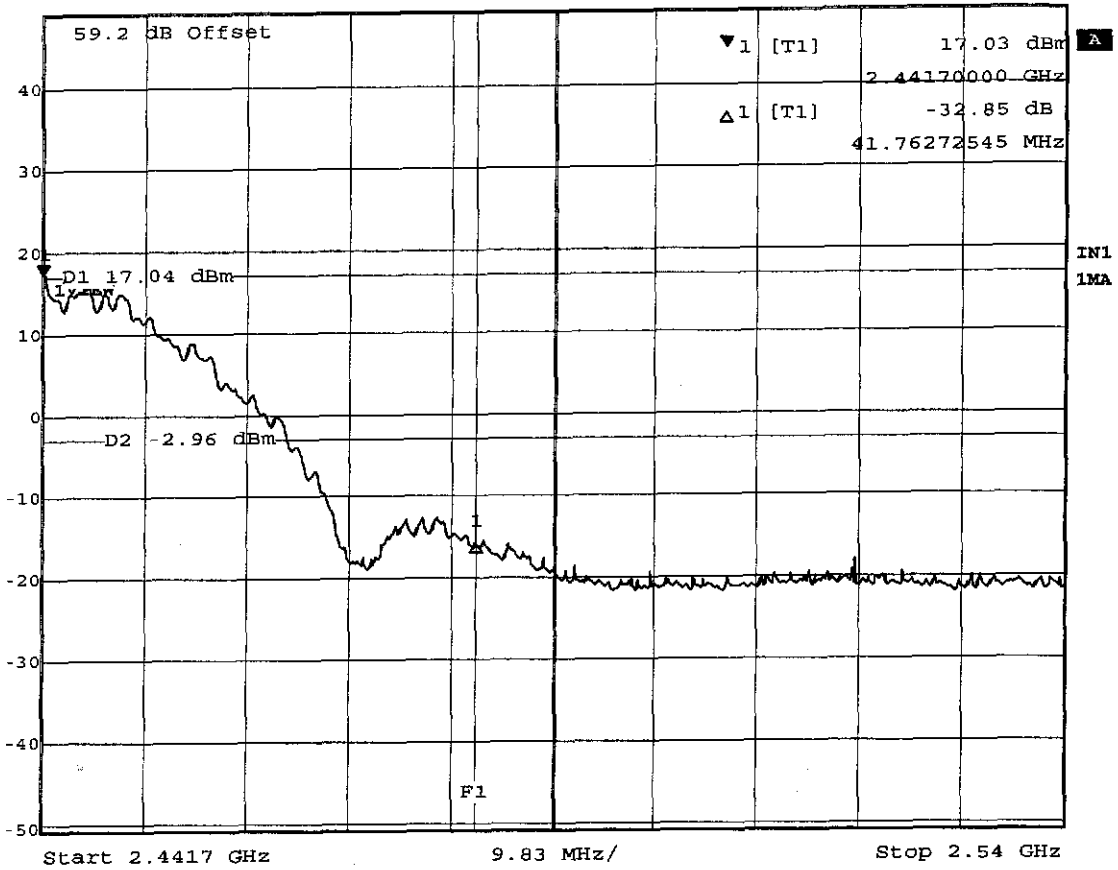
Delta 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl -29.98 dB VBW 1 MHz
49.2 dBm -41.69939880 MHz SWT 5 ms Unit dBm



Date: 19.JAN.2003 15:51:45



Marker 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl 17.03 dBm VBW 1 MHz
49.2 dBm 2.44170000 GHz SWT 5 ms Unit dBm



Date: 19.JAN.2003 15:34:41