EB-TX210A / EB-TX220A

(FCC ID NWJ10A002A)

Plot data of brain SAR AMPS mode

CONTENTS

Business FCC right_991.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.948 [mW/g], SAR (10g): 0.687 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

Business FCC right_380.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.34 [mW/g], SAR (10g): 0.948 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

Business FCC right_799.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.886 [mW/g], SAR (10g): 0.631 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left 991.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crust factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.938 [mW/g], SAR (10g): 0.675 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_380.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80°, 65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.32 [mW/g], SAR (10g): 0.950 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_799.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.953 [mW/g], SAR (10g): 0.678 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

FCC right_991.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.940 [mW/g], SAR (10g): 0.684 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

FCC right_380.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.40 [mW/g], SAR (10g): 1.02 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

FCC right_799.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz: σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.873 [mW/g], SAR (10g): 0.632 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

FCC left_991.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.893 [mW/g], SAR (10g): 0.649 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

FCC left_380.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.31 [mW/g], SAR (10g): 0.951 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

FCC left_799.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)/; Crest factor: 1.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.845 [mW/g], SAR (10g): 0.614 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

Dunable FCC right_991.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.934 [mW/g], SAR (10g): 0.660 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC right_380.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80°,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 1.38 [mW/g], SAR (10g): 1.00 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

Dumble FCC right_799.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.934 [mW/g], SAR (10g): 0.674 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_991.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 0.841 [mW/g], SAR (10g): 0.607 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 991ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_380.DA3 04/18/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 1.29 [mW/g], SAR (10g): 0.933 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 380ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_799.DA3 04/18/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80°,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz): σ = 0.82 [mho/m] ε_r = 40.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.911 [mW/g], SAR (10g): 0.651 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 AMPS mode 799ch

Matsushita Communication Industrial Co., Ltd.

EB-TX210A / EB-TX220A

(FCC ID NWJ10A002A)

Plot data of brain SAR 800MHz TDMA mode

CONTENTS

Business FCC right_991.DA3 04/24/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF²(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz]: σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.559 [mW/g], SAR (10g): 0.407 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 991ch

Matsusihta Communication Industrial Co., Ltd.

Business FCC right_380.DA3 04/21/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.746 [mW/g], SAR (10g): 0.536 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 380ch

Matsushita Communication Industrial Co., Ltd.

Business FCC right_799.DA3 04/24/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 0.650 [mW/g], SAR (10g): 0.467 [mW/g] * Max outside, (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_991.DA3 04/24/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.530 [mW/g], SAR (10g): 0.379 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 991ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_380.DA3 04/24/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.736 [mW/g], SAR (10g): 0.530 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 380ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_799.DA3 04/24/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 0.600 [mW/g], SAR (10g): 0.431 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

FCC right_991.DA3 05/27/00
NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] εr = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.548 [mW/g], SAR (10g): 0.400 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0
Brain EB-TX210 extended battery 800MHz TDMA mode 991ch
SAR Tot [mW/g]
5.05E-1
3.93E-1
2.81E-1
1.68E-1
5.61E-2
Matsushita Communication Industrial Co., Ltd.

FCC right_380.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz: σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.772 [mW/g], SAR (10g): 0.559 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery 800MHz TDMA mode 380ch

SAR_{Tot} [mW/g]

7.06E-1

5.49E-1

3.92E-1

2.35E-1

7.84E-2

Matsushita Communication Industrial Co., Ltd.

FCC right_799.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 0.641 [mW/g], SAR (10g): 0.465 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

FCC left_991.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80°,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.524 [mW/g], SAR (10g): 0.382 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery 800MHzTDMA mode 991ch

SAR$_{Tot}$ [mW/g]
4.71E-1
3.66E-1
2.62E-1
1.57E-1
5.23E-2

Matsushita Communication Industrial Co., Ltd.

FCC left_380.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80°, 65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.731 [mW/g], SAR (10g): 0.533 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery 800MHz TDMA mode 380ch

Matsushita Communication Industrial Co., Ltd.

FCC left_799.DA3 05/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF-(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 42.8 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.613 [mW/g], SAR (10g): 0.443 [mW/g] * Max outside, (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

Duralbe FCC right_991.DA3 04/24/00
NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 – SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] εr = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.470 [mW/g], SAR (10g): 0.339 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0
Brain EB-TX220 800MHz TDMA mode 991ch
SAR Tot [mW/g]
4.19E-1
3.26E-1
2.33E-1
1.40E-1
4.65E-2
Matsushita Communication Industrial Co., Ltd.

Durable FCC right 380.DA3 04/24/00
NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] εr = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.757 [mW/g], SAR (10g): 0.545 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0
Brain EB-TX220 800MHz TDMA mode 380ch
SAR Tot [mW/g]
6.72E-1
5.23E-1
3.74E-1
2.24E-1
7.47E-2
Matsushita Communication Industrial Co., Ltd.

Dunable FCC right_799.DA3 04/24/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.620 [mW/g], SAR (10g): 0.412 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_991.DA3 04/24/00
NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz: σ = 0.83 [mho/m] εr = 41.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.472 [mW/g], SAR (10g): 0.335 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0
Brain EB-TX220 800MHz TDMA mode 991ch
SAR Tot [mW/g]
3.79E-1
2.95E-1
2.10E-1
1.26E-1
4.21E-2
Matsushita Communication Industrial Co., Ltd.

Durable FCC left_380.DA3 04/24/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHzl: σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.710 [mW/g], SAR (10g): 0.506 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 800MHz TDMA mode 380ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_799.DA3 04/24/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 835 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83)); Crest factor: 3.0; Brain 900 MHz): σ = 0.83 [mho/m] ε_r = 41.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 0.616 [mW/g], SAR (10g): 0.439 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 800MHz TDMA mode 799ch

Matsushita Communication Industrial Co., Ltd.

EB-TX210A / EB-TX220A

(FCC ID NWJ10A002A)

Plot data of brain SAR PCS mode

CONTENTS

Business FCC right_2.DA3 04/27/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 – SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz: σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.30 [mW/g], SAR (10g): 0.745 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 2ch

Matsushita Communication Industrial Co., Ltd.

Business FCC right_1000.DA3 04/27/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.11 [mW/g], SAR (10g): 0.624 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 1000ch

Matsushita Communication Industrial Co., Ltd.

Business FCC right_1998.DA3 04/27/00

NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 1.14 [mW/g], SAR (10g): 0.651 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 1998ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_2.DA3 04/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.11 [mW/g], SAR (10g): 0.630 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 2ch

Matsushita Communication Industrial Co., Ltd.

Business FCC left_1000.DA3 04/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1308; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 0.958 [mW/g], SAR (10g): 0.544 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 1000ch

SAR_{tot} [mW/g]

8.76E-1
6.81E-1
4.87E-1
2.92E-1
9.73E-2

Matsushita Communication Industrial Co., Ltd.

Business FCC left_1998.DA3 04/27/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1308; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.04 [mW/g], SAR (10g): 0.592 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 standard battery PCS mode 1998ch

SAR_{Tot} [mW/g]

9.22E-1
7.17E-1
5.12E-1
3.07E-1
1.02E-1

Matsushita Communication Industrial Co., Ltd.

FCC right_2ch.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 1.41 [mW/g], SAR (10g): 0.804 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 2ch

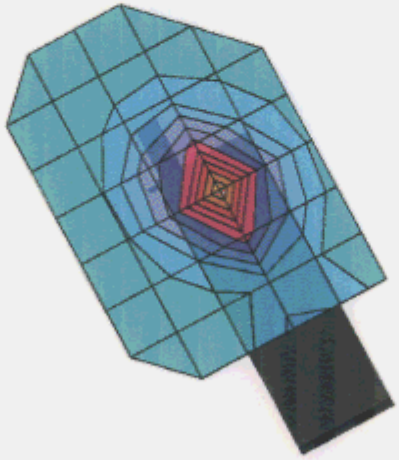
Matsushita Communication Industrial Co., Ltd.

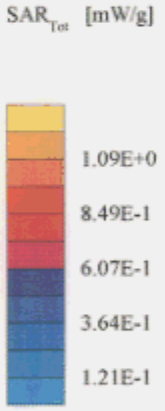
FCC right.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz]: σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.21 [mW/g], SAR (10g): 0.696 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 1000ch





Matsushita Communication Industrial Co., Ltd.

FCC right_1000.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz]: σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 1.08 [mW/g], SAR (10g): 0.617 [mW/g], (Worst-case extrapolation)
Antenna cut: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 1998ch

Matsushita Communication Industrial Co., Ltd.

FCC left_2.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 – SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.30 [mW/g], SAR (10g): 0.746 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 2ch

Matsushita Communication Industrial Co., Ltd.

FCC left_1000.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)/; Crest factor: 3.0; Brain 1800 MHz]: σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.16 [mW/g], SAR (10g): 0.665 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 1000ch

SAR_{tot} [mW/g]

1.08E+0
8.41E-1
6.01E-1
3.60E-1
1.20E-1

Matsushita Communication Industrial Co., Ltd.

FCC left_1998.DA3 05/26/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1308; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.66 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.01 [mW/g], SAR (10g): 0.580 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX210 extended battery PCS mode 1998ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC right_2.DA3 04/25/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80°, 65°); Frequency: 1880 [MHz]

Probe: ET3DV5 – SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz: σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.36 [mW/g], SAR (10g): 0.758 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 PCS mode 2ch

SAR_{Tot} [mW/g]

1.03E+0

8.02E-1

5.73E-1

3.44E-1

1.15E-1

Matsushita Communication Industrial Co., Ltd.

Durable FCC right_1000.DA3 04/25/00

NWJ10A002A

Generic Twin Phantom; Right Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15)); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 1.16 [mW/g], SAR (10g): 0.638 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 PCS mode 1000ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC right_1998.DA3 04/25/00
NWJ10A002A
Generic Twin Phantom; Right Hand Section; Position: (80°,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1308; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] εr = 39.6 ρ = 1.00 [g/cm³]
Cube 5x5x7: SAR (1g): 0.975 [mW/g], SAR (10g): 0.541 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0
Brain EB-TX220 PCS mode 1998ch
SAR Tot [mW/g]
7.18E-1
5.59E-1
3.99E-1
2.39E-1
7.98E-2
Matsushita Communication Industrial Co., Ltd.

Durable FCC left 2.DA3 04/25/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm³]

Cube 5x5x7: SAR (1g): 1.21 [mW/g], SAR (10g): 0.688 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 PCS mode 2ch

Matsushita Communication Industrial Co., Ltd.

Durable FCC left_1000.DA3 04/25/00

NWJ10A002A
Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]
Cube 5x5x7: SAR (1g): 1.27 [mW/g], SAR (10g): 0.720 [mW/g], (Worst-case extrapolation)
Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 PCS mode 1000ch

Matsushita Communication Industrial Co., Ltd.

Dunable FCC left_1998.DA3 04/25/00

NWJ10A002A

Generic Twin Phantom; Left Hand Section; Position: (80° ,65°); Frequency: 1880 [MHz]

Probe: ET3DV5 - SN1308; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz): σ = 1.68 [mho/m] ε_r = 39.6 ρ = 1.00 [g/cm^3]

Cube 5x5x7: SAR (1g): 1.08 [mW/g], SAR (10g): 0.610 [mW/g], (Worst-case extrapolation)

Antenna out: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 PCS mode 1998ch

Matsushita Communication Industrial Co., Ltd.