

Intertek Testing Services - Menlo Park

Radiated Emissions Test Data

Company:	Philips	Model #:	OZEO	Reg	FCC 22 (H)	
EUT:	Cell Phone (Dual band)	FCC ID:	M7VTC588	Test Dist.	3	meters
Project #:	J20017867	Test Date:	June 26, 2000	Tr. Power	0.60	Watt
Test Mode:	Transmitting at 824.04 MHz	Engineer:	Barry S.	Min. Attn	45.8	dBc

	Antenna Used			Pre-Amp Used			Cable Used		Transceiver Used	
Number:	7	22	14	8	3	13	21		0	
Model:	BM-LPA-25	3150-10	EMCO 3115	CD-51000	MC 15542	ACC-400	Gm_MRL	None	None	None

[illegible]**Notes**

- O.C.F. Other Correction Factor
- Insert. Loss = Cable A + Cable B + Cable C + Transducer.
- Net = Reading + Antenna Factor - Pre-amp + Insert. Loss.
- Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
- Negative signs (-) in Margin column signify levels below the limits.

Radiated Emissions Test Data

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	7	22	14	8	3	13	21			0
Model:	EM-LPA-26	3180-10	EMC-33115	CDL-P1000	MC-15542	ACC-400	Gm-MHL	None	None	None

[illegible]

- O.C.F. : Other Correction Factor
- Insert. Loss = Cable A + Cable B + Cable C + Transducer.
- Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
- Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
- Negative signs (-) in Margin column signify levels below the limits.

Radiated Emissions Test Data

Antenna Used		Pre-Amp Used			Cable Used			Transducer Used	
Number:	7	22	14	8	12	13	21		0
Model:	EMLPA-25	3160-10	EMCD-3115	GD_P1000	ACD150	ACD400	Ynn_M-L	None	None

[illegible]

- O.C.F.: Other Correction Factor
- Insert. Loss = Cable A + Cable B + Cable C + Transducer.
- Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
- Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
- Negative signs (-) in Margin column signify levels below the limits.

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Radiated Emissions Test Data

Company	Philips	Model #:	OZEO	Req.	FCC 22 (H)	
EUT:	Cell Phone (Dual band)	FCC ID:	M7VTCDS88	Test Dist.	3	meters
Project #:	J20017867	Test Date:	June 26, 2000	Tr. Power	0.60	Watt
Test Mode:	Transmitting at 1850.04 MHz	Engineer:	Barry S.	Min. Attn.	40.6	dBc

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	7	21	14	8	12	13	21			0
Model:	EM_LPA	3160-B	EMCO 3115	CDI_P1000	ACO-180	ACO-400	Grn_M+L	None	None	None

[illegible]

- a) O.C.F.: Other Correction Factor
b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
e) Negative signs (-) in Margin column signify levels below the limits.

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Radiated Emissions Test Data

Company	Philips	Model #:	OZEO	Reg	FCC 22 (H)	
EUT:	Cell Phone (Dual band)	FCC ID:	M7VTCDS88	Test Dist	3	meters
Project #:	J20017867	Test Date:	June 26, 2000	Tr Power	0.60	Watt
Test Mode:	Transmitting at 1879.98	Engineer:	Barry S.	Min Attn	40.5	dBc

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	7	21	14	8	12	13	21			0
Model:	EM-LPA-25	3560-B	EMCO 3115	CDL P100-0	ACO160	ACO400	Gra_MaL	None	None	None

[illegible]

- O.C.F : Other Correction Factor
- Insert. Loss = Cable A + Cable B + Cable C + Transducer.
- Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
- Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
- Negative signs (-) in Margin column signify levels below the limits.

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Radiated Emissions Test Data

Company	Philips	Model #:	OZEO	Reg	FCC 22 (H)
EUT:	Cell Phone (Dual band)	FCC ID:	M7VTCDS588	Test Dist.	3 meters
Project #:	J20017867	Test Date:	June 26, 2000	Tr Power	0.60 Watt
Test Mode:	Transmitting at 1909.92 MHz	Engineer:	Barry S.	Min. Attn	40.8 dBc

	Antenna Used				Pre-Amp Used		Cable Used			Transducer Used
Number:	7	22	14	8	12	13	21			0
Model:	EMLEPA-25	3180-10	EMACO 3115	CDL_P1000	ACQ160	ACQ400	Gr_M+L	None	None	None

Frequency	Reading	Detector	Ant	Amp	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	Net	Spurious Attn.	Attn. Limit	Margin
MHz	dB(μV)	P/A/D	#	#	H/V	dB(1m)	dB	dB	dB(μV/m)	dBc	dBc	dB
1909.92	90.3	Peak	14	0	V	26.6	0.0	2.2	119.1	N/A	N/A	N/A
3819.80	25.0	Peak	14	0	V	32.5	0.0	2.7	60.2	58.9	40.8	-18.1
5729.70	44.0	Peak	14	8	H	36.2	28.3	3.7	55.6	63.5	40.8	-22.7
7639.60	32.2	Peak	14	8	H	38.5	27.8	4.6	47.5	71.6	40.8	-30.8
9549.60	41.8	Peak	14	8	H	39.0	27.3	5.0	58.5	60.6	40.8	-19.8
11459.50	31.7	Peak	14	12	H	40.7	32.5	5.6	45.5	73.6	40.8	-32.8
13369.40	27.5	Peak	14	12	H	40.0	32.4	6.1	41.2	77.9	40.8	-37.1
15279.30	22.4	Peak	14	12	H	41.7	32.4	6.8	38.5	80.6	40.8	-39.9
17189.20	24.1	Peak	14	12	H	43.0	32.3	7.5	42.3	76.8	40.8	-36.0
19099.20	26.9	Peak	21	12	H	40.2	32.2	7.7	42.6	76.5	40.8	-35.7

Notes:	a) O.C.F.: Other Correction Factor
	b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
	c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
	d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
	e) Negative signs (-) in Margin column signify levels below the limits.

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Radiated Emissions Test Data

Company:	Philips	Model #:	OZEO	Standard	FCC § 15.103
EUT:	Cell Phone (Dual band)	FCC ID:	M7VTCDS88	Limits	2
Project #:	J20017867	Test Date:	June 26, 2000	Test Distance	3 meters
Test Mode:	Receiving	Engineer:	Barry S.	Duty Relaxation	0 dB

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	10	7	9	5	0	0	1	0	0	0
Model:	EMCO 3104	EM LPA- 25	EMCO 3104	CDI_PD50	None	None	Site 2 3m	None	None	None

[illegible]

Notes

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.