

Exterior Building Color & Material Samples
Color Drawdowns
Archaeological Resources
Airport Vicinity Development Checklist
Parking Study
Trip Generation Comparison
Parking Master Plan



Global RF SolutionsSM

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Evaluation of Human Exposure to Radio Frequency Emissions



**Analysis of PHO-Windy
Scottsdale, AZ**

116-DR-2006#4
8/19/16

SITE RESULTS:

Site ID: N/A		Site Name: PHO-Windy		
Date of Evaluation	07/27/2016	Site Evaluator (name): Harry Young		
Site Type	Building	Tower/Monopole	XX	Water Tower
Address: 5802 E. Dove Valley Drive, Scottsdale, AZ 85266				
GPS NAD83	N 33 47 28.17	W 111 57 22.05		
Site Compliant	Yes			

An analysis of this Communications Facility has been completed to determine if it is compliant with guidelines set forth by the Federal Communications Commission (FCC) with regards to maximum human exposure limits. This determination of FCC Compliance is applicable to all transmitting equipment at this location.

Calculations of the proposed changes to this site have been performed using RoofView® MPE software. We have determined that the proposed changes will result in an insignificant increase to the overall RF environment. The extremely conservative result derived from RoofView is that a worst-case exposure level of 6.5% of the FCC General Population limit can occur at ground level. This site **is compliant** with FCC guidelines as proposed by Verizon Wireless.

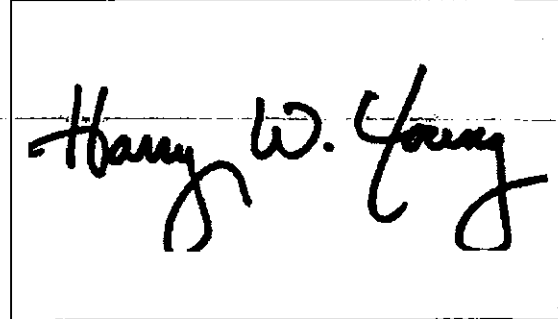
FCC Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz*Plane-wave equivalent power density

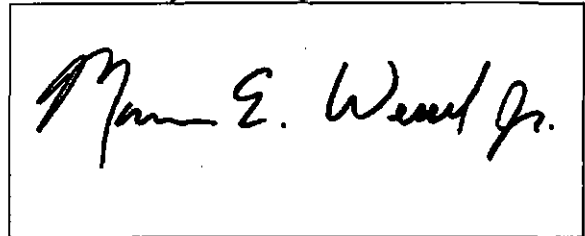
Preparer Certification

I, Harry Young, the preparer of this report, am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I am also fully aware of and familiar with the Verizon Wireless Signage & Demarcation Policy. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.

A rectangular box containing a handwritten signature in black ink that reads "Harry W. Young".

Reviewer Certification

I, Marvin Wessel, the reviewer, approved of this report, and am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I am also fully aware of and familiar with the Verizon Wireless Signage & Demarcation Policy. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.

A rectangular box containing a handwritten signature in black ink that reads "Marvin E. Wessel Jr.". The signature is written in a cursive style.