



Case Study

Bosch, Bangalore Koramangala

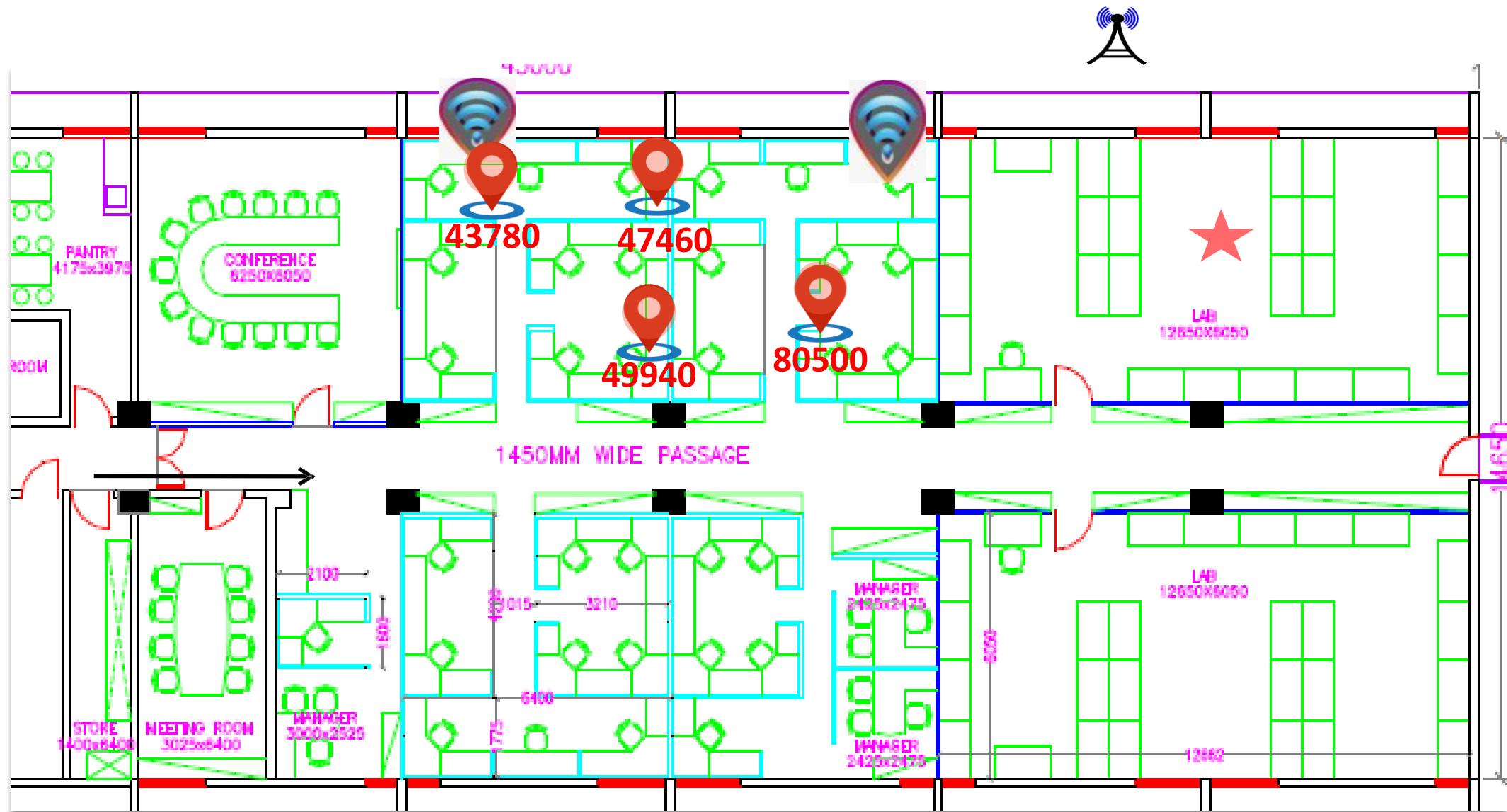
We conducted an audit to measure EMR exposure level as advised by Bosch

Assessment & Validation

We conducted Re-assessment to study EMF exposure levels post installation of LS Products



**We conducted
an Audit to
measure EMR
exposure level
as advised by
Bosch**



Ambient Radiation levels were Extremely High

**Trubode
recommended
solutions to make
environment safer!**

Trubode recommended installation of Anti-Radiation Mesh, Film and Coat in identified area



PATENTED* COATING

Patented* coating reduces EMR
by up to **99%**



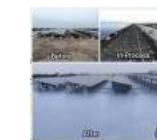
SPECIALLY TREATED MESH

Up to **99.999% attenuation** and
aesthetically appealing



SPECIALLY TREATED FILMS

Reduces **EMR** up to **99.9%** and
blocks up to **99% UV radiation**



Terrace



Workstation

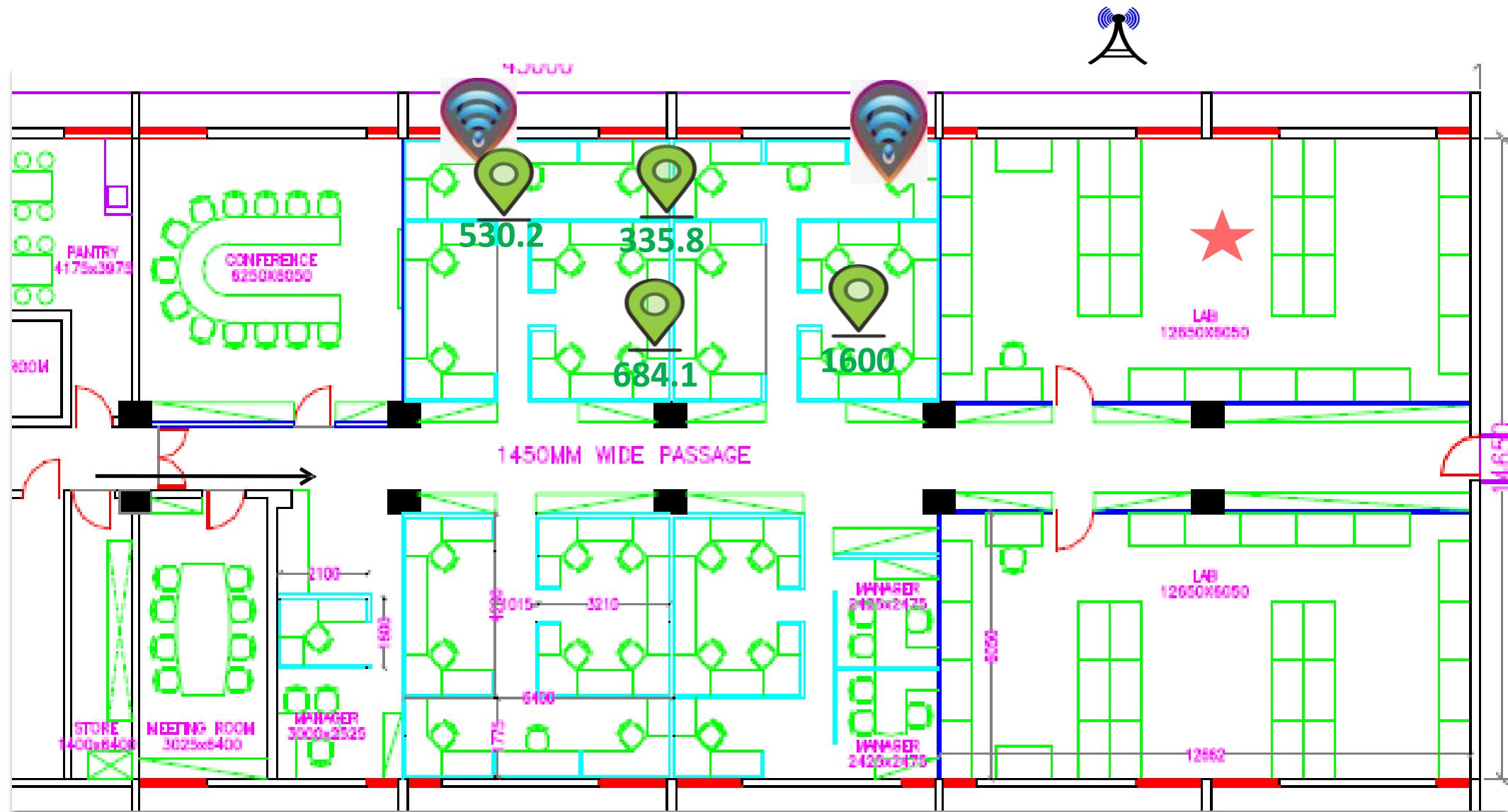


Terrace

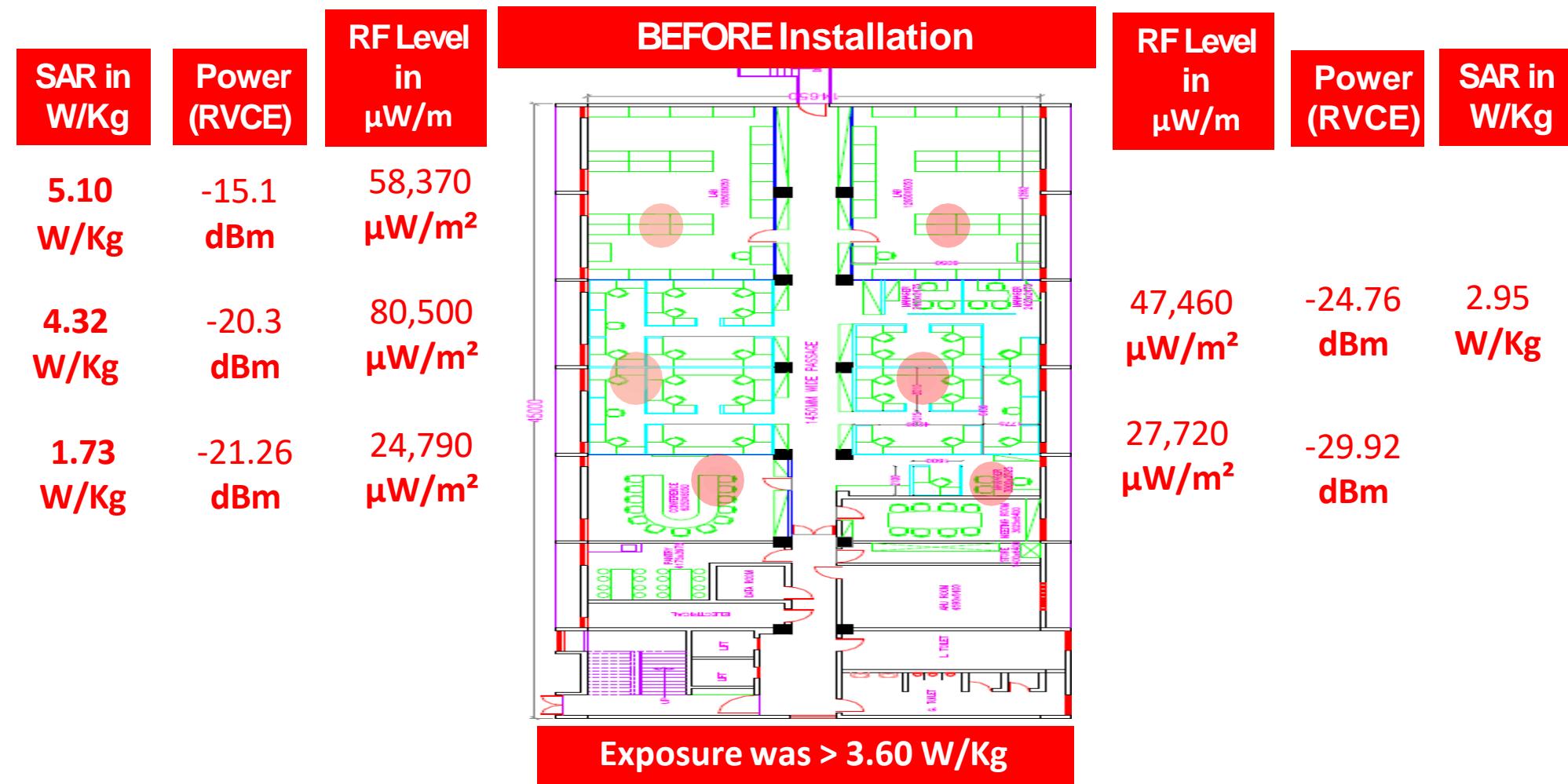


Workstation

**We conducted
Re-assessment to
study EMF
Exposure levels
post installation
of trubode
products**



The Exposure was down to safe levels*!



Safe Exposure to Radiation: 0.08 W/Kg ICNIRP Standards

Results achieved without compromising connectivity

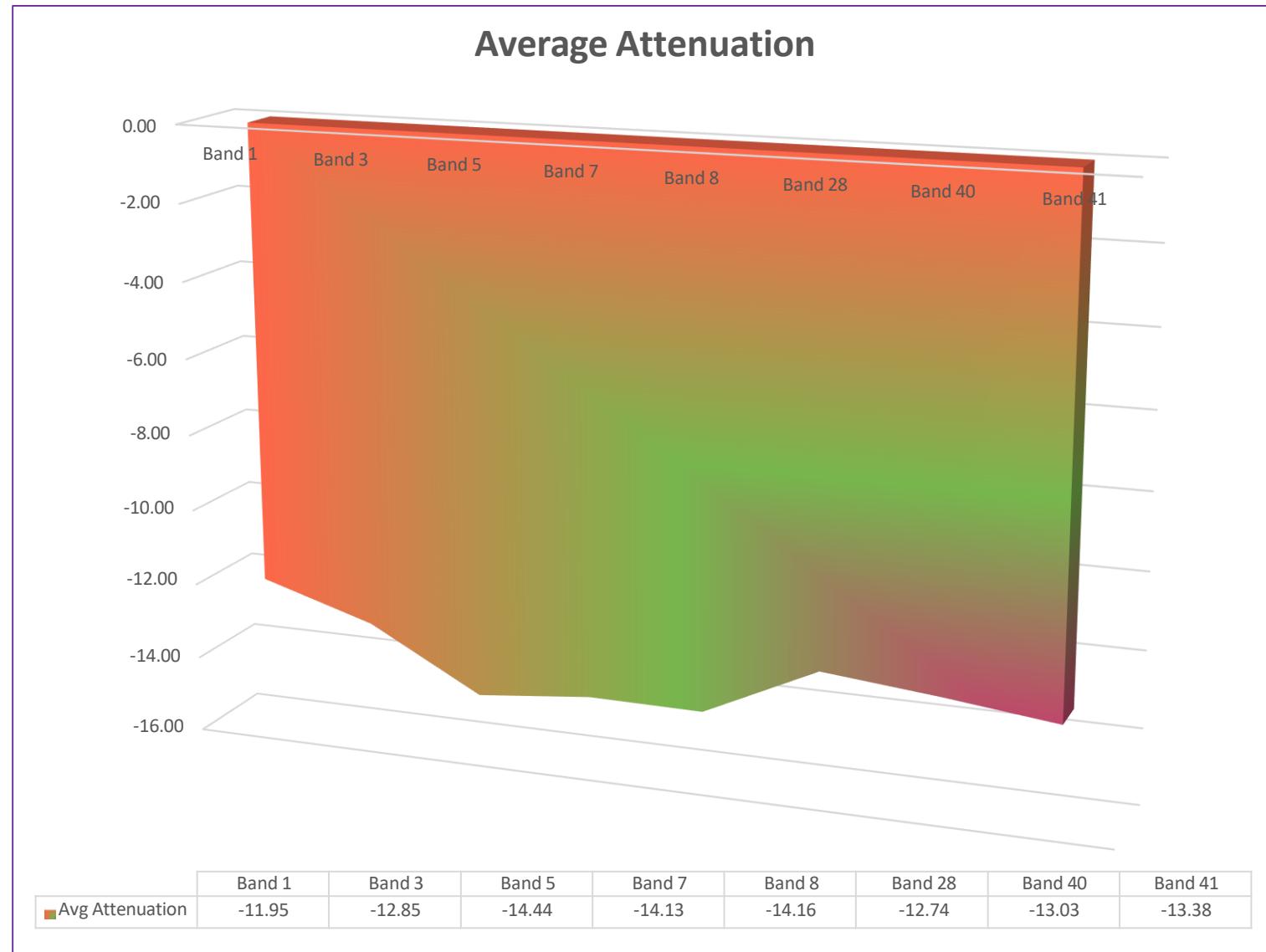
SAR	Power (RVCE)	RF Level	AFTER Installation	RF Level	Power (RVCE)	SAR
0.03 W/Kg	-32.19 dBm	500 $\mu\text{W}/\text{m}^2$	58,370	789.3 $\mu\text{W}/\text{m}^2$	-42.21 dBm	0.02 W/Kg
5.10	-15.1	517	80,500	335.8 $\mu\text{W}/\text{m}^2$	-37.14 dBm	0.04 W/Kg
0.03 W/Kg	-37.01 dBm	223	47,460	994 $\mu\text{W}/\text{m}^2$	-24.76 dBm	2.95 W/Kg
4.32	-20.3	24,790	27,720	-37.8 dBm	-29.92	
0.07 W/Kg	-40.21 dBm					
1.73	-21.26					

Pre-Audit Levels

Exposure reduced to < 0.03 W/Kg
(99% Reduction)

Safe Exposure to Radiation: 0.08 W/Kg ICNIRP Standards

Results achieved without
compromising connectivity



We have worked with trubode for an EMR audit and solution-based deployment to reduce the electromagnetic radiation levels resulting from mobile towers closer to the workstation zones. We found a significant amount of drop levels after using Vibrant products. Our exposure levels are now significantly lower than those that the ICNIRP suggests.

**Dr. Krishnamurthy Subramanya
Project & Facilities Manager, Bosch**

