Exhibit: RF Exposure – FCC
FCC ID: 2A652-JA-SB-77-01

Report File #: TR-7169011235-FCCMPE-001

RF Exposure – FCC

Radiofrequency Radiation Exposure Evaluation: Mobile Devices

Mobile devices shall be evaluated for RF radiation exposure according to the provisions of FCC §2.1091 (d) (2) (with Amendment 85 FR18146, April 1, 2020) and the MPE guidelines identified in FCC §1.1310.

As per FCC §1.1310 Table 1(B), the limit for Maximum Permissible Exposure (MPE) to radiofrequency electromagnetic fields for General Population/Uncontrolled Exposure in the frequency range of:

- ✓ 1.5GHz to 100GHz is 1.0 mW/cm^2.

The power density can be calculate using the formula:

$$P_d = (P_{out}*G) / (4*pi*R^2)$$

where,
f = frequency in MHz
P_d = Power density in mW/cm^2
P_{out} = Conducted output power to antenna in mW
G = Numeric Antenna Gain
Pi = 3.1416
R1 = 2000 cm.

MPE Calculation:

For user general use at 2000 cm (20 meters) distance, as stated by the client, the maximum conducted output power of 46 dBm per port, 8 ports the EUT complies with limits of General Population/Uncontrolled Exposure according to Table 2.

Table 2. Uncontrolled Exposure at 2000 cm distance and 46 dBm Power Output per port

	Prediction of MPE limit at a given distance		
Equation from page 18 of OET Bulletin 65, Edition 97-01			
	$S = \frac{PG}{4\pi R^2}$		
where:	S = power density		
	P = power input to the antenna		
	G = power gain of the antenna in the direction of interest relative to an isc		
	R = distance to the center of radiation of the antenna		
Maximum peak output power at antenna input terminal:		46.00	(dBm)
Maximum peak output power at antenna input terminal:		39810.71706	(mW)
	Number of Ports	8	
	Antenna gain(typical):	21	
	Antenna gain(total):	30.03089987	(dBi)
	Maximum antenna gain:	1007.140329	(numeric)
	Time Averaging:	100	(%)
	Prediction distance:	2000	(cm)
	Prediction frequency:	3750	(MHz)
E limit for uncontrolled exposure at prediction frequency:		1	
	Power density at prediction frequency:	0.797664	(mW/cm'
	Margin of compliance:	-1.0	(dB)
	This equates to	7.976642565	W/m^2
For information	This equates to	54.83789061	V/m

The EUT meets the requirements