

Garmin GMN-03002 RF Exposure Exhibit

Uncontrolled / Public Environment

HVIN: GMN-03002

47CFR 1.1307, RSS-102 Issue 6

Summary and Simultaneous VHF, Radio 1 and 2 MPE Calculation

Summary: Standalone MPE Calculations and Summary								
Radio #1:								
Radio	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#1 BT (FCC)	100.0%	2441.0	1.1	6.3	10.0	0.014	0.7	10.0
#1 2G WiFi (FCC)	100.0%	2462.0	15.5	6.3	10.0	0.194	3.8	5.4
#1 5G WiFi (FCC)	100.0%	5180.0	15.5	0.4	10.0	0.011	1.7	1.6
	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#1 BT (ISED)	100.0%	2441.0	1.1	6.3	5.4	0.014	1.0	5.4
#1 2G WiFi (ISED)	100.0%	2462.0	15.5	6.3	5.4	0.194	4.8	3.4
#1 5G WiFi (ISED)	100.0%	5180.0	15.5	0.4	9.0	0.011	1.7	1.5
Radio #2:								
Radio	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#2 2G WiFi (FCC)	100.0%	2462.0	17.1	6.3	10.0	0.215	3.9	5.6
#2 5G WiFi (FCC)	100.0%	5240.0	18.3	0.4	10.0	0.013	1.7	1.8
	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#2 2G WiFi (ISED)	100.0%	2462.0	17.1	6.3	5.4	0.215	5.0	3.5
#2 5G WiFi (ISED)	100.0%	5240.0	18.3	0.4	9.1	0.013	1.8	1.7
Radio #3:								
Radio	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#3 VHF (FCC)	50.0%	136.975	6591.3	1.7	2.0	21.762	66.0	2.0
	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Gain (numeric)	S_L (W/m ²)	S_{20} (W/m ²)	R_C (cm)	S_C (W/m ²)
#3 VHF (ISED)	50.0%	136.975	13,182.6	1.7	1.3	21.762	82.11	1.3
FCC Simultaneous MPE Calculation (Worst Case)				ISED Simultaneous MPE Calculation (Worst Case)				
	#1 2G WiFi (FCC)	#2 2G WiFi (FCC)	#3 VHF (FCC)		#1 2G WiFi (ISED)	#2 2G WiFi (ISED)	#3 VHF (ISED)	
Tx Frequency (MHz)	2462.0	2462.0	136.975		2462.0	2462.0	136.975	
Minimum Compliance Distance (cm)	3.8	3.9	66.0		4.8	5.0	82.11	
System Net Compliance Distance (cm)	66.0	66.0	66.0		82.1	82.1	82.1	
S_C (W/m ²)	0.018	0.020	2.000		0.012	0.001	1.291	
S_L (W/m ²)	10.000	10.000	2.000		5.4	5.4	1.3	
Power Ratio (S_L / S_{20})	0.0018	0.0020	1.0000		0.0021	0.0001	1.0000	
Sum of Power Ratios at compliance distance			1.0	Sum of Power Ratios at compliance distance			1.0	
Requirement = Σ of MPE Ratio ≤ 1			EXEMPT	Requirement = Σ of MPE Ratio ≤ 1			EXEMPT	

Note on simultaneous transmitting:

- No two transmitters within Radios 1 or 2 can transmit simultaneously
- Radio 1 and Radio 2 can transmit simultaneously
- Radio 3 VHF can transmit simultaneously with Radio 1 and/or Radio 2

Conclusion

The GMN-03002, a device that is deployed in public, uncontrolled environments, meets RF exposure requirements for both FCC and Industry Canada. For RF exposure safety, personnel should maintain a safe distance of **82.11 cm** from the VHF Antenna which, it should be noted, is mounted remotely from the product itself.

Rogers Labs, a division of The Compatibility Center LLC

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Phone/Fax: (913) 660-0666

Revision 2

HVIN: GMN-03002

Test #: 250201

Test to: 47CFR 2.1307, RSS-102 Iss.6

File: GMN-03002 RFExp FCC-IC 250201 r2

Garmin International, Inc

FCC ID: IPH-04292

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Radio 1 BT MPE Calculation

				dBd + 2.17 = dBi	Antenna Gain (dBi)	8.0		
Tx Frequency (MHz)	2441	Peak Power (Watts)	0.0011		dBi to dBd	2.2		
		Peak Power (mW)	1.1		Antenna Gain (dBd)	5.83		
Cable Loss (dB)	0.0	(dBm)	0.4		Antenna Gain (numeric)	6.3		
		Duty Cycle (%)	100.0%		Antenna minus cable (dBi)	8.00		
		Adjusted Power (mW)	1.1					
		Adjusted Power (dBm)	0.4					
		Calculated ERP (mw)	4.198	EIRP = Po(dBm) + Gain (dB)				
		Calculated EIRP (mw)	6.918		Radiated (EIRP) dBm	8.400		
				ERP = EIRP - 2.17 dB				
					Radiated (ERP) dBm	6.230		
Power density (S) EIRP = mW/cm² 4 π r² r (cm) EIRP (mW)		FCC radio frequency radiation exposure limits per 1.1310						
		Frequency (MHz)	Occupational Limit W/m ²	Public Limit W/m ²				
		300-1,500	f/30	f/150				
		1,500-100,000	50	10				
		2441.0	50	10				
IC radio frequency radiation exposure limits per RSS-102, Issue 6 Field Reference Level FRL Limit (W/m ²)								
Frequency (MHz)	Uncontrolled		Frequency (MHz)	Controlled				
10-20	2.0	2.0	10-20	10.0	10.0			
20-48	8.944/f ^{0.5}	0.2	20-48	44.72/f ^{0.5}	0.9			
48-300	1.291	1.291	48-100	6.455	6.455			
300-6,000	0.02619*f ^{0.6834}	5.4	100-6,000	0.6455*f ^{0.5}	31.9			
6,000-15,000	5.0	10.0	6,000-15,000	50.0	50.0			
15,000-150,000	10	10.0	15,000-150,000	50.0	50.0			
150,000-300,000	6.67*(10 ⁻⁵)*f	0.2	150,000-300,000	3.33*(10 ⁻⁴)*f	0.8			
f = Transmit Frequency (MHz)			f (MHz) =	FCC	2441.0	ISD	2441.0	MHz
P _T = Power Input to Antenna (mW)			P _T (mW) =		1.1		1.1	mW
Duty cycle (percentage of operation)			% =		100.0%		100.0%	%
P _A = Adjusted Power due to Duty cycle or Cable Loss (mW)			P _A (mW) =		1.10		1.10	mW
G _N = Numeric Gain of the Antenna			G _N (numeric) =		6.31		6.31	numeric
S ₂₀ = Power Density of device at 20cm (mW/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (mW/m ²) =		0.00		0.00	mW/m ²
S ₂₀ = Power Density of device at 20cm (W/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (W/m ²) =		0.01		0.01	W/m ²
S _L = Power Density Limit (W/m ²)			S _L (W/m ²)=		10.00		5.41	W/m ²
R _C = Minimum distance to the Radiating Element for Compliance (R _C =√(P _A G _N /4πS _L))			R _C (cm) =		0.7		1.0	cm
S _C = Power Density of the device at the Compliance Distance R _C (S _C =(P _A G _N)/(4πR _C) ²)			S _C (W/m ²) =		10.00		5.41	W/m ²
R ₂₀ = 20cm			R ₂₀ =		20		20	cm
Summary: Standalone MPE Calculations and Summary								
Radio	x Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Antenna Gain (dBi)	S _L (W/m ²)	S ₂₀ (W/m ²)	R _C (cm)	S _C (W/m ²)
#1 BT (FCC)	100.0%	2441.0	1.1	8.0	10.0	0.01	0.7	10.0
#1 BT (ISD)	100.0%	2441.0	1.1	8.0	5.4	0.01	1.0	5.4

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Radio 1 2G WiFi MPE Calculation

					Antenna Gain (dBi)	8.0		
				dBd + 2.17 = dBi	dBi to dBd	2.2		
Tx Frequency (MHz)	2462	Peak Power (Watts)	0.0155		Antenna Gain (dBd)	5.83		
		Peak Power (mW)	15.5		Antenna Gain (numeric)	6.3		
Cable Loss (dB)	0.0	(dBm)	11.9		Antenna minus cable (dBi)	8.0		
		Max Duty Cycle (%)	100.0%					
		Adjusted Power (mW)	15.5					
		Adjusted Power (dBm)	11.9					
		Calculated ERP (mw)	59.156		ERP = Po(dBm) + Gain (dB)			
		Calculated EIRP (mw)	97.499		Radiated (EIRP) dBm	19.890		
					ERP = EIRP - 2.17 dB			
					Radiated (ERP) dBm	17.720		
Power density (S) EIRP ----- = mW/cm² 4 π r² r (cm) EIRP (mW)		FCC radio frequency radiation exposure limits per 1.1310						
		Frequency (MHz)	Occupational Limit W/m ²	Public Limit W/m ²				
		300-1,500	f/30	f/150				
		1,500-100,000	50	10				
		2462.0	50	10				
IC radio frequency radiation exposure limits per RSS-102, Issue 6 Field Reference Level FRL Limit (W/m ²)								
Frequency (MHz)	Uncontrolled		Frequency (MHz)	Controlled				
10-20	2.0	2.0	10-20	10.0	10.0			
20-48	8.944/f ^{0.5}	0.2	20-48	44.72/f ^{0.5}	0.9			
48-300	1.291	1.291	48-100	6.455	6.455			
300-6,000	0.02619*f ^{0.6834}	5.4	100-6,000	0.6455*f ^{0.5}	32.0			
6,000-15,000	5.0	10.0	6,000-15,000	50.0	50.0			
15,000-150,000	10	10.0	15,000-150,000	50.0	50.0			
150,000-300,000	6.67*(10 ⁻⁵)*f	0.2	150,000-300,000	3.33*(10 ⁻⁴)*f	0.8			
f = Transmit Frequency (MHz)			f (MHz) =	2462.0	2462.0 MHz			
P _T = Power Input to Antenna (mW)			P _T (mW) =	15.5	15.5 mW			
Duty cycle (percentage of operation)			% =	100.0%	100.0% %			
P _A = Adjusted Power due to Duty cycle or Cable Loss (mW)			P _A (mW) =	15.45	15.45 mW			
G _N = Numeric Gain of the Antenna			GN (numeric) =	6.31	6.31 numeric			
S ₂₀ = Power Density of device at 20cm (mW/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (mW/m ²) =	0.02	0.02 mW/m ²			
S ₂₀ = Power Density of device at 20cm (W/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (W/m ²) =	0.19	0.19 W/m ²			
S _L = Power Density Limit (W/m ²)			S _L (W/m ²)=	10.00	5.44 W/m ²			
R _C = Minimum distance to the Radiating Element for Compliance (R _C =√(P _A G _N /4πS _L))			R _C (cm) =	3.8	4.8 cm			
S _C = Power Density of the device at the Compliance Distance R _C (S _C =(P _A G _N)/(4πR _C) ²			S _C (W/m ²) =	5.41	3.40 W/m ²			
R ₂₀ = 20cm			R20=	20	20 cm			
Summary: Standalone MPE Calculations and Summary								
Radio	x Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Antenna Gain (dBi)	S _L (W/m ²)	S ₂₀ (W/m ²)	R _C (cm)	S _C (W/m ²)
#1 2G WiFi (FCC)	100.0%	2462	15.5	8.0	10.0	0.19	3.8	5.41
#1 2G WiFi (ISED)	100.0%	2462	15.45	8.0	5.44	0.19	4.8	3.40

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Radio 1 5G WiFi MPE Calculation

					Antenna Gain (dBi)	-4.4		
				dBd + 2.17 = dBi	dBi to dBd	2.2		
Tx Frequency (MHz)	5180	Peak Power (Watts)	0.0155		Antenna Gain (dBd)	-6.57		
		Peak Power (mW)	15.5		Antenna Gain (numeric)	0.4		
Cable Loss (dB)	0.0	(dBm)	11.9		Antenna minus cable (dBi)	-4.4		
		Max Duty Cycle (%)	100.0%					
		Adjusted Power (mW)	15.5					
		Adjusted Power (dBm)	11.9					
		Calculated ERP (mw)	3.412		ERP = Po(dBm) + Gain (dB)			
		Calculated EIRP (mw)	5.623		Radiated (EIRP) dBm	7.500		
				ERP = EIRP - 2.17 dB				
					Radiated (ERP) dBm	5.330		
Power density (S) EIRP ----- = mW/cm² 4 π r² r (cm) EIRP (mW)		FCC radio frequency radiation exposure limits per 1.1310						
		Frequency (MHz)	Occupational Limit W/m ²	Public Limit W/m ²				
		300-1,500	f/30	f/150				
		1,500-100,000	50	10				
		5180.0	50	10				
IC radio frequency radiation exposure limits per RSS-102, Issue 6 Field Reference Level FRL Limit (W/m ²)								
Frequency (MHz)	Uncontrolled		Frequency (MHz)	Controlled				
10-20	2.0	2.0	10-20	10.0	10.0			
20-48	8.944/f ^{0.5}	0.1	20-48	44.72/f ^{0.5}	0.6			
48-300	1.291	1.291	48-100	6.455	6.455			
300-6,000	0.02619*f ^{0.6834}	9.0	100-6,000	0.6455*f ^{0.5}	46.5			
6,000-15,000	5.0	10.0	6,000-15,000	50.0	50.0			
15,000-150,000	10	10.0	15,000-150,000	50.0	50.0			
150,000-300,000	6.67*(10 ⁻⁵)*f	0.3	150,000-300,000	3.33*(10 ⁻⁴)*f	1.7			
						FCC	ISED	
f = Transmit Frequency (MHz)				f (MHz) =	5180.0	5180.0	MHz	
P _T = Power Input to Antenna (mW)				P _T (mW) =	15.5	15.5	mW	
Duty cycle (percentage of operation)				% =	100.0%	100.0%	%	
P _A = Adjusted Power due to Duty cycle or Cable Loss (mW)				P _A (mW) =	15.49	15.49	mW	
G _N = Numeric Gain of the Antenna				GN (numeric) =	0.36	0.36	numeric	
S ₂₀ = Power Density of device at 20cm (mW/m ²)			S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (mW/m ²) =	0.0011	0.0011	mW/m ²	
S ₂₀ = Power Density of device at 20cm (W/m ²)			S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (W/m ²) =	0.0112	0.0112	W/m ²	
S _L = Power Density Limit (W/m ²)				S _L (W/m ²) =	10.00	9.05	W/m ²	
R _C = Minimum distance to the Radiating Element for Compliance (R _C =√(P _A G _N /4πS _L)				R _C (cm) =	1.7	1.7	cm	
S _C = Power Density of the device at the Compliance Distance R _C (S _C =(P _A G _N)/(4πR _C) ²				S _C (W/m ²) =	1.61	1.54	W/m ²	
R ₂₀ = 20cm				R20=	20	20	cm	
Summary: Standalone MPE Calculations and Summary								
Radio	x Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Antenna Gain (dBi)	S _L (W/m ²)	S ₂₀ (W/m ²)	R _C (cm)	S _C (W/m ²)
#1 5G WiFi (FCC)	100.0%	5180	15.5	-4.4	10.0	0.0112	1.7	1.61
#1 5G WiFi (ISED)	100.0%	5180	15.5	-4.4	9.0	0.0112	1.7	1.54

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Radio 2 2G WiFi MPE Calculation

					Antenna Gain (dBi)	8.0		
				dBd + 2.17 = dBi	dBi to dBd	2.2		
Tx Frequency (MHz)	2462	Peak Power (Watts)	0.0171		Antenna Gain (dBd)	5.83		
		Peak Power (mW)	17.1		Antenna Gain (numeric)	6.3		
Cable Loss (dB)	0.0	(dBm)	12.3		Antenna minus cable (dBi)	8.0		
		Max Duty Cycle (%)	100.0%					
		Adjusted Power (mW)	17.1					
		Adjusted Power (dBm)	12.3					
		Calculated ERP (mw)	65.464		ERP = Po(dBm) + Gain (dB)			
		Calculated EIRP (mw)	107.895		Radiated (EIRP) dBm	20.330		
					ERP = EIRP - 2.17 dB			
					Radiated (ERP) dBm	18.160		
Power density (S) EIRP ----- = mW/cm² 4 π r² r (cm) EIRP (mW)		FCC radio frequency radiation exposure limits per 1.1310						
		Frequency (MHz)	Occupational Limit W/m ²	Public Limit W/m ²				
		300-1,500	f/30	f/150				
		1,500-100,000	50	10				
		2462.0	50	10				
IC radio frequency radiation exposure limits per RSS-102, Issue 6 Field Reference Level FRL Limit (W/m ²)								
Frequency (MHz)	Uncontrolled		Frequency (MHz)	Controlled				
10-20	2.0	2.0	10-20	10.0	10.0			
20-48	8.944/f ^{0.5}	0.2	20-48	44.72/f ^{0.5}	0.9			
48-300	1.291	1.291	48-100	6.455	6.455			
300-6,000	0.02619*f ^{0.6834}	5.4	100-6,000	0.6455*f ^{0.5}	32.0			
6,000-15,000	5.0	10.0	6,000-15,000	50.0	50.0			
15,000-150,000	10	10.0	15,000-150,000	50.0	50.0			
150,000-300,000	6.67*(10 ⁻⁵)*f	0.2	150,000-300,000	3.33*(10 ⁻⁴)*f	0.8			
f = Transmit Frequency (MHz)			f (MHz) =	2462.0	2462.0 MHz			
P _T = Power Input to Antenna (mW)			P _T (mW) =	17.1	17.1 mW			
Duty cycle (percentage of operation)			% =	100.0%	100.0% %			
P _A = Adjusted Power due to Duty cycle or Cable Loss (mW)			P _A (mW) =	17.10	17.10 mW			
G _N = Numeric Gain of the Antenna			GN (numeric) =	6.31	6.31 numeric			
S ₂₀ = Power Density of device at 20cm (mW/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (mW/m ²) =	0.02	0.02 mW/m ²			
S ₂₀ = Power Density of device at 20cm (W/m ²)		S ₂₀ =(P _A G _N)/(4πR ₂₀) ²	S ₂₀ (W/m ²) =	0.21	0.21 W/m ²			
S _L = Power Density Limit (W/m ²)			S _L (W/m ²)=	10.00	5.44 W/m ²			
R _C = Minimum distance to the Radiating Element for Compliance (R _C =√(P _A G _N /4πS _L))			R _C (cm) =	3.9	5.0 cm			
S _C = Power Density of the device at the Compliance Distance R _C (S _C =(P _A G _N)/(4πR _C) ²			S _C (W/m ²) =	5.56	3.47 W/m ²			
R ₂₀ = 20cm			R20=	20	20 cm			
Summary: Standalone MPE Calculations and Summary								
Radio	x Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Antenna Gain (dBi)	S _L (W/m ²)	S ₂₀ (W/m ²)	R _C (cm)	S _C (W/m ²)
#2 2G WiFi (FCC)	100.0%	2462	17.1	8.0	10.0	0.21	3.9	5.56
#2 2G WiFi (ISED)	100.0%	2462	17.10	8.0	5.44	0.21	5.0	3.47

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Garmin International, Inc

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SN: 78H000022

Date: June 12, 2025

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Garmin GMN-03002 RF Exposure Exhibit

Uncontrolled / Public Environment

HVIN: GMN-03002

47CFR 1.1307, RSS-102 Issue 6

Radio 2 5G WiFi MPE Calculation

				Antenna Gain (dBi)	-4.4			
				dBd + 2.17 = dBi	2.2			
Tx Frequency (MHz)	5240	Peak Power (Watts)	0.0183	Antenna Gain (dBd)	-6.57			
		Peak Power (mW)	18.3	Antenna Gain (numeric)	0.4			
Cable Loss (dB)	0.0	(dBm)	12.6	Antenna minus cable (dBi)	-4.4			
		Max Duty Cycle (%)	100.0%					
		Adjusted Power (mW)	18.3					
		Adjusted Power (dBm)	12.6					
		Calculated ERP (mw)	4.027	EIRP = Po(dBm) + Gain (dB)				
		Calculated EIRP (mw)	6.637		Radiated (EIRP) dBm	8.220		
				ERP = EIRP - 2.17 dB				
					Radiated (ERP) dBm	6.050		
Power density (S) EIRP ----- = mW/cm^2 4 π r^2 r (cm) EIRP (mW)		FCC radio frequency radiation exposure limits per 1.1310						
		Frequency (MHz)	Occupational Limit W/m^2	Public Limit W/m^2				
		300-1,500	f/30	f/150				
		1,500-100,000	50	10				
		5240.0	50	10				
IC radio frequency radiation exposure limits per RSS-102, Issue 6 Field Reference Level FRL Limit (W/m^2)								
Frequency (MHz)	Uncontrolled		Frequency (MHz)	Controlled				
10-20	2.0	2.0	10-20	10.0	10.0			
20-48	8.944/f^0.5	0.1	20-48	44.72/f^0.5	0.6			
48-300	1.291	1.291	48-100	6.455	6.455			
300-6,000	0.02619*f^0.6834	9.1	100-6,000	0.6455*f^0.5	46.7			
6,000-15,000	5.0	10.0	6,000-15,000	50.0	50.0			
15,000-150,000	10	10.0	15,000-150,000	50.0	50.0			
150,000-300,000	6.67*(10^-5)*f	0.3	150,000-300,000	3.33*(10^-4)*f	1.7			
				FCC	ISED			
f = Transmit Frequency (MHz)				f (MHz) =	5240.0	5240.0	MHz	
P _T = Power Input to Antenna (mW)				P _T (mW) =	18.3	18.3	mW	
Duty cycle (percentage of operation)				% =	100.0%	100.0%	%	
P _A = Adjusted Power due to Duty cycle or Cable Loss (mW)				P _A (mW) =	18.28	18.28	mW	
G _N = Numeric Gain of the Antenna				GN (numeric) =	0.36	0.36	numeric	
S ₂₀ = Power Density of device at 20cm (mW/m^2)			S ₂₀ =(P _A G _N)/(4πR ₂₀)^2	S ₂₀ (mW/m^2) =	0.0013	0.0013	mW/m^2	
S ₂₀ = Power Density of device at 20cm (W/m^2)			S ₂₀ =(P _A G _N)/(4πR ₂₀)^2	S ₂₀ (W/m^2) =	0.0132	0.0132	W/m^2	
S _L = Power Density Limit (W/m^2)				S _L (W/m^2)=	10.00	9.12	W/m^2	
R _C = Minimum distance to the Radiating Element for Compliance (cn R _C =√(P _A G _N /4πS _L)				R _C (cm) =	1.7	1.8	cm	
S _C = Power Density of the device at the Compliance Distance R _C (W/ S _C =(P _A G _N)/(4πR _C)^2				S _C (W/m^2) =	1.77	1.70	W/m^2	
R ₂₀ = 20cm				R20=	20	20	cm	
Summary: Standalone MPE Calculations and Summary								
Radio	Tx Duty Cycle (%)	Tx Frequency (MHz)	Power Total (mW)	Antenna Gain (dBi)	S _L (W/m^2)	S ₂₀ (W/m^2)	R _C (cm)	S _C (W/m^2)
#2 5G WiFi (FCC)	100.0%	5240	18.3	-4.4	10.0	0.0132	1.7	1.77
#2 5G WiFi (ISED)	100.0%	5240	18.3	-4.4	9.1	0.0132	1.8	1.70

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Revision 2

HVIN: GMN-03002

Test #: 250201

Test to: 47CFR 2.1307, RSS-102 Iss.6

File: GMN-03002 RFExp FCC-IC 250201 r2

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