

Band of Operation		Conducted Power, dBm						
Type	MHz	dBm	mW	Antenna Gain			Cable Loss	
WiFi	2412-2462	20.7	117	2.7			2.8	
WiFi	2422-2452	15.05	32	2.7			2.8	
WiFi	5180-5240	15.05	32	2.3			2.3	
WiFi	5190-5230	14.77	30	3.6			1.8	
WiFi	5260-5320	14.47	28	3.6			1.1	
WiFi	5270-5310	14.62	29	3.6			1.0	
WiFi	5500-5700	15.19	33	3.6			3.2	
WiFi	5510-5670	15.31	34	3.6			2.5	
WiFi	5745-5825	15.56	36	4.6			3.8	
WiFi	5755-5795	20.79	120	4.6			3.0	
Remote Control(Radiated Power)	418	-11.2	0.08	0.0				
Band of Operation	Peak Radiated Power, dBm		Average EIRP (100% duty cycle)	Distance (R)	Power Density $EIRP_{Avg}/(4\pi R^2)$	FCC/IC Limit	Verdict	Verdict
Type	dBm	mW	mW	cm	mW	mW/cm ²		
ISM 2.4 G	20.6	115	115	20	0.02279	1.00	Pass	Pass
ISM 2.4 G	15.0	31	31	20	0.00623	1.00	Pass	Pass
ISM 5GHz	15.1	32	32	20	0.00636	1.00	Pass	Pass
U-NII	16.6	45	45	20	0.00901	1.00	Pass	Pass
U-NII	17.0	50	50	20	0.00995	1.00	Pass	Pass
U-NII	17.2	53	53	20	0.01051	1.00	Pass	Pass
U-NII	15.6	36	36	20	0.00726	1.00	Pass	Pass
U-NII	16.4	44	44	20	0.00876	1.00	Pass	Pass
DTS 5 GHz	16.4	43	43	20	0.00860	1.00	Pass	Pass
DTS 5 GHz	22.4	173	173	20	0.03449	1.00	Pass	Pass
418 MHz	-11.2	0	0	20	0.00002	1.00	Pass	Pass
Simultaneous Emissions Summation	Peak Radiated Power, dBm		Average EIRP (100% duty cycle)	Distance (R)	Power Density $EIRP_{Avg}/(4\pi R^2)$	FCC/IC Limit		
	dBm	mW	mW	cm	mW	mW/cm ²		
DTS 5 GHz	22.4	173.380	173	20	0.03449	1.00		
418 MHz	-11.2	0.076	0.076	20	0.00002	1.00		
Simultaneous Power	--	173.456	173.456	20	0.03451	1.00	Pass	Pass