

MPE Calculation results

Test Distance: 20cm(worst case)

Transmitter(BT)					
Operating Mode: TX Mode			Test date: 2015-07-10		
Test Mode	Peak output power(dBm)	Peak output power (mW)	Antenna gain (Numeric)	Power Density (S) (mW/cm2)	Result
Normal(lowest)	-2.40	0.575	1.585	0.00018	Pass
Normal(Middle)	-2.89	0.514	1.585	0.00016	Pass
Normal(Highest)	-3.42	0.455	1.585	0.00014	Pass
EDR(lowest)	-3.26	0.472	1.585	0.00015	Pass
EDR(Middle)	-3.56	0.441	1.585	0.00014	Pass
EDR(Highest)	-4.11	0.388	1.585	0.00012	Pass

Transmitter(2.4GHz WiFi)						
Operating Mode: TX Mode				Test date: 2015-07-10		
Test Mode		Peak output power(dBm)	Peak output power (mW)	Antenna gain (Numeric)	Power Density (S) (mW/cm2)	Result
802.11b	lowest	10.92	12.359	1.585	0.00390	Pass
	Middle	10.76	11.912	1.585	0.00376	Pass
	Highest	9.81	9.572	1.585	0.00302	Pass
802.11g	lowest	9.27	8.453	1.585	0.00267	Pass
	Middle	9.47	8.851	1.585	0.00279	Pass
	Highest	9.21	8.337	1.585	0.00263	Pass
802.11n (HT20)	lowest	9.66	9.247	1.585	0.00292	Pass
	Middle	9.13	8.185	1.585	0.00258	Pass
	Highest	8.43	6.966	1.585	0.00220	Pass
802.11n (HT40)	lowest	7.51	5.636	1.585	0.00178	Pass
	Middle	7.96	6.252	1.585	0.00197	Pass
	Highest	7.89	6.152	1.585	0.00194	Pass

Transmitter(5GHz WiFi)						
Operating Mode: TX Mode				Test date: 2015-07-10		
Test Mode		Peak output power(dBm)	Peak output power (mW)	Antenna gain (Numeric)	Power Density (S) (mW/cm2)	Result
802.11a	lowest	4.35	2.723	1.585	0.00086	Pass
	Middle	4.54	2.844	1.585	0.00090	Pass
	Highest	4.24	2.655	1.585	0.00084	Pass
802.11n (HT20)	lowest	4.31	2.698	1.585	0.00085	Pass
	Middle	4.55	2.851	1.585	0.00090	Pass
	Highest	4.37	2.735	1.585	0.00086	Pass
802.11n (HT40)	lowest	3.34	2.158	1.585	0.00068	Pass
	Highest	3.17	2.075	1.585	0.00065	Pass
802.11ac (HT20)	lowest	6.06	4.036	1.585	0.00127	Pass
	Middle	6.59	4.560	1.585	0.00144	Pass
	Highest	6.54	4.508	1.585	0.00142	Pass
802.11ac (HT40)	lowest	6.09	4.064	1.585	0.00128	Pass
	Highest	5.76	3.767	1.585	0.00119	Pass
802.11ac (HT80)	Channel	6.72	4.699	1.585	0.00148	Pass

Transmitter(WiFi + BT)						
Operating Mode: BT + WIFI TX Mode				Test date: 2015-11-10		
Test Mode (worst case)		Peak output power(dBm)	Peak output power (mW)	Antenna gain (Numeric)	Power Density (S) (mW/cm2)	Result
WIFI 802.11a lowest	BT Normal lowest	11.88	15.417	1.585	0.00486	Pass