Operating information of product (Location tracker)

Inquiry Tracking Number: 648413

1) LTE Band 13

: Report GPS information and wifi scan results.

DUT Max Power	LTE Band 13(QPSK/16QAM)	24.0 (-1.5 ~ +1.0 dBm)
Tx Time	0.5 sec	
Cycle	180 sec	

The duty is very low.(0.28% from the specification)

Band	Tune up Max power	Duty cycle	Source-based Time averaged Power	SAR Test Exclusion Threshold (mW) / 5mm
LTE B13	25 dBm = 316.23 mW	0.0028	0.89 mW	16 mW

* Source-based Time averaged Power = Tune up Power x Duty cycle

2) wifi

: Check location of device by SCAN of surrounding AP SSID

DUT Max Power	802.11b	11.0±1.0 dBm
	802.11g	11.0±1.0 dBm
	802.11n HT20	11.0±1.0 dBm
Tx Time	0.5 sec	
Cycle	180 sec	

The duty is very low.(0.28% from the specification)

Band	Tune up Max power	Duty cycle	Source-based Time averaged Power	SAR Test Exclusion Threshold (mW) / 5mm
802.11b	12 dBm = 15.85 mW	0.0028	0.044 mW	10 mW
802.11g	12 dBm = 15.85 mW	0.0028	0.044 mW	10 mW
802.11n	12 dBm = 15.85 mW	0.0028	0.044 mW	10 mW

* Source-based Time averaged Power = Tune up Power x Duty cycle

3) BT / BLE

: Device information Broadcasting

DUT Max Power	BT	DH5	9.0+0.5 dBm
		2-DH5	5.5+0.5 dBm
		3-DH5	5.5+0.5 dBm
	BLE		0.5+0.5 dBm
Tx Time	0.03 sec		
Cycle	1 sec		

The duty is very low.(3% from the specification)

Band	Tune up Max power	Duty cycle	Source-based Time averaged Power	SAR Test Exclusion Threshold (mW) / 5mm
BT	9.5 dBm = 8.91 mW	0.03	0.27 mW	10 mW
BT LE	1 dBm = 1.29 mW	0.03	0.04 mW	10 mW

* Source-based Time averaged Power = Tune up Power x Duty cycle