

GSM Conducted Power

Conducted Power (Unit: dBm)						
Band	GSM 850			PCS 1900		
Channel	128	189	251	512	661	810
Frequency	524.2	836.5	848.8	1850.2	1880	1909.8
GSM(GMSK, 1 Tx slot) CS1	32.88	32.87	32.83	29.16	29.39	29.19
GPRS (GMSK, 1 Tx slot) CS1	32.92	32.94	32.93	29.24	29.45	29.39
GPRS (GMSK, 2 Tx slot) CS1	30.95	30.94	30.89	27.13	27.20	27.16
GPRS (GMSK, 3 Tx slot) CS1	29.90	29.93	29.92	26.16	26.24	26.19
GPRS (GMSK, 4 Tx slot) CS1	28.87	28.91	28.91	25.21	25.25	25.23

WCDMA Conducted Power

Conducted Power (Unit: dBm)						
Band	WCDMA BAND2			WCDMA BAND5		
Channel	9662	9880	9938	4357	4407	4458
Frequency	1852.6	1880	1907.4	826.6	836.5	846.4
RMC 12.2Kbps	22.59	22.61	22.46	23.64	23.34	23.37
RMC 64Kbps	22.44	22.35	22.42	23.43	23.21	23.17
RMC 144Kbps	22.23	22.25	22.40	23.55	23.20	23.08
RMC 384Kbps	22.42	22.27	22.39	23.46	23.26	23.00
HSDPA Subtest-1	22.26	22.15	22.12	22.05	21.94	21.89
HSDPA Subtest-2	21.77	21.59	21.50	21.52	21.42	21.30
HSDPA Subtest-3	21.11	20.96	20.88	21.04	20.93	20.78
HSDPA Subtest-4	20.57	20.23	20.14	20.57	20.22	20.16

This device can use as a GPS tracker, support GPRS850/1900/WCDMA band 5 and band 2, it can worn on body and put on the backpack and so on.

According to KDB447498, Section 4.2.2, Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, must be tested for SAR compliance using a conservative minimum test separation distance ≤ 5 mm to support compliance.

So, we would like to performed SAR testing for this device use 5mm separation distance to flat phantom, can it compliance with the RF Exposure requirement ?

EUT PHOTO





TEST setup



Body Position (Face Upward)



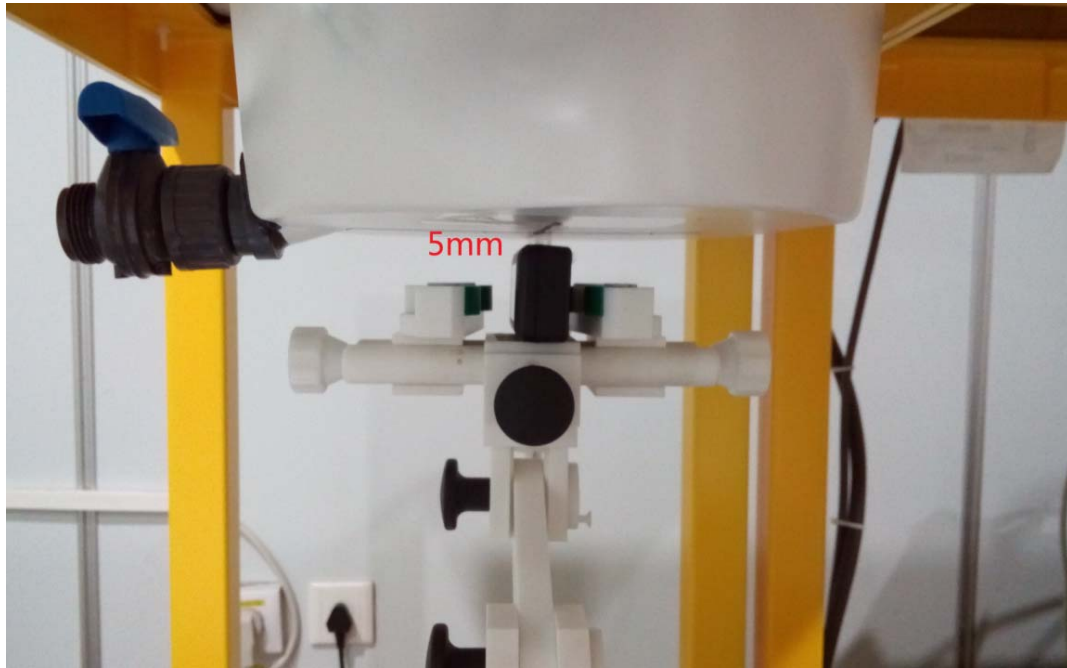
Body Position (Back Upward)



Body Position(Bottom Side)



Body Position(Right Side)



Body Position(Left Side)