



Aug, 01 2011

Supersede request for FCC ID: UZ7MC75A6HF

To Whom It May Concern:

We regret to inform you that we need to upload revised co-located SAR report to FCC website. Since some pages are modified for correcting report version, issued date and some type errors.

Modified pages

Original report

Modified report

P1

Modified Report version, issued date and replaced report no.

SAR COLLOCATED REPORT

REPORT NO.: SA110311C24A-4 R1
MODEL NO.: MC75A6HF
RECEIVED: Mar. 04, 2011
TESTED: Mar. 22, 2011
ISSUED: May 31, 2011

SAR COLLOCATED REPORT

REPORT NO.: SA110311C24A-4 R3
MODEL NO.: MC75A6HF
RECEIVED: Mar. 04, 2011
TESTED: Mar. 22, 2011
ISSUED: Jun. 28, 2011

Report No.: SA110311C24A-4 R1
 Reference No.: 110311C28
 Cancels and replaces the report No.: SA110311C24A-4 dated Mar. 29, 2011

Report No.: SA110311C24A-4 R3
 Reference No.: 110311C28
 Cancels and replaces the report No.: SA110311C24A-4 R2 dated Jun. 03, 2011

P3

Added reason for version change.

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Original release	NA	Mar. 29, 2011
SA110311C24A-4 R1	1. Added Zoom scan SAR value on P. 26 2. Added description for volume scan test mode on P. 23, 24	May 31, 2011

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Original release	NA	Mar. 29, 2011
SA110311C24A-4 R1	1. Added Zoom scan SAR value on P. 26 2. Added description for volume scan test mode on P. 23, 24	May 31, 2011
SA110311C24A-4 R2	Modified item 2.1 description	Jun. 03, 2011
SA110311C24A-4 R3	Modified section 5	Jun. 28, 2011

P5

Modified Reference report no.

1. The EUT is a Mobile Computer. The test data are separated into following test reports:

	REFERENCE REPORT
SAR test report-247 2.4G WLAN	SA110311C24A R1
SAR test report-247 5G WLAN	SA110311C24A-1 R1
SAR test report-407 5G WLAN	SA110311C24A-2 R1
SAR test report-GSM 850 / WCDMA 850	SA110311C24A-3
SAR test report-GSM 1900 / WCDMA 1900	SA110311C24A-4 R1
RF Exposure (For Bluetooth)	SA110311C24A-5 R1
SAR collocated report	
RF Exposure (For RFID)	

1. The EUT is a Mobile Computer. The test data are separated into following test reports:

	REFERENCE REPORT
SAR test report-247 2.4G WLAN	SA110311C24A R2
SAR test report-247 5G WLAN	SA110311C24A-1 R2
SAR test report-407 5G WLAN	SA110311C24A-2 R2
SAR test report-GSM 850 / WCDMA 850	SA110311C24A-3
SAR test report-GSM 1900 / WCDMA 1900	SA110311C24A-4 R3
RF Exposure (For Bluetooth)	SA110311C24A-5 R1
SAR collocated report	
RF Exposure (For RFID)	



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Original report

Modified report

P21

Modified type errors.

5. SIMULTANEOUS TRANSMISSION EVALUATION

Per KDB 647484 SAR Handsets Multi Xmitter and Ant

For BT radio: (max. output power is 2.1 mW. No SAR threshold (60/f) is 24mW)

The BT output power is less then P_{ref} (12 mW) and the separation distance is at least 5cm away from all other transmitters, so stand-alone SAR evaluation is not required.

For 13.56 MHz RFID radio: (max. output power is 26.79 mW. No SAR threshold (60/f) is 4425 mW)

The max output power is less than P_{ref} (2213 mW) and other antennas < 2.5 cm are < 1.2 W/kg (highest standalone SAR value is 1.18w/kg), so stand-alone SAR evaluation is not required.

Also, from the fact that two main antennas (WIMAX and WLAN) are separated by only 1.2cm apart and the highest standalone SAR is 1.18w/kg and 0.65w/kg respectively. It is clear that it is not going to pass SAR-to-peak-location-separation ratio. Accordingly, it was not investigated, rather volume-scan SAR was done straight out.

Since simultaneous SAR is required only if summations of all co-transmitters may exceed 1.6w/kg. Below we consider body and head position separately to see if further investigation is required for simultaneous SAR test.

5. SIMULTANEOUS TRANSMISSION EVALUATION

Per KDB 648474 SAR Handsets Multi Xmitter and Ant

For BT radio: (max output power is 2.1 mW. No SAR threshold (60/f) is 24mW)

The BT output power is less then P_{ref} (12 mW) and the separation distance is at least 5cm away from all other transmitters, so stand-alone SAR evaluation is not required.

For 13.56 MHz RFID radio: (max output power is 26.79 mW. No SAR threshold (60/f) is 4425 mW)

The max output power is less than P_{ref} (2213 mW) and other antennas < 2.5 cm are < 1.2 W/kg (highest standalone SAR value is 1.18 W/kg, so stand-alone SAR evaluation is not required.

Also, from the fact that two main antennas (WWAN and WLAN) are separated by only 1.2cm apart and the highest standalone SAR is 1.18 W/kg and 0.65W/kg respectively. It is clear that it is not going to pass SAR-to-peak-location-separation ratio. Accordingly, it was not investigated, rather volume-scan SAR was done straight out.

Since simultaneous SAR is required only if summations of all co-transmitters may exceed 1.6 W/kg. Below we consider body and head position separately to see if further investigation is required for simultaneous SAR test.

So we would like to request the FCC to supersede the exhibit described as "SAR report co located rev4" outlined below with red color.

19 Matches found for FCC ID 'U27MC75A6HF'

View Attachment	Exhibit Type	Date Submitted to FCC	Display Type	Date Available
Ad Hoc declaration	Attestation Statements	06/26/2011	pdf	06/28/2011
Confidential regeust long term & short term rev	Cover Letter(s)	06/26/2011	pdf	06/28/2011
POA	Cover Letter(s)	06/26/2011	pdf	06/28/2011
Label locaiton	ID Label/Location Info	06/26/2011	pdf	06/28/2011
Label sample	ID Label/Location Info	06/26/2011	pdf	06/28/2011
RF exposure BT rev	RF Exposure Info	06/26/2011	pdf	06/28/2011
RF exposure RFID rev2	RF Exposure Info	06/26/2011	pdf	06/28/2011
SAR report 247 rev2	RF Exposure Info	06/26/2011	pdf	06/28/2011
SAR report 407 rev2	RF Exposure Info	06/26/2011	pdf	06/28/2011
SAR report Mobile rev3	RF Exposure Info	06/26/2011	pdf	06/28/2011
SAR report co located rev4	RF Exposure Info	06/28/2011	pdf	06/28/2011
Test report BT rev3	Schematics	06/26/2011	pdf	06/28/2011
Test report co located rev	Test Report	06/26/2011	pdf	06/28/2011
Test report 247 rev3	Test Report	06/26/2011	pdf	06/28/2011
Test report 407 rev3	Test Report	06/26/2011	pdf	06/28/2011
Test report DFS rev2	Test Report	06/26/2011	pdf	06/28/2011
Test report 22 rev3	Test Report	06/26/2011	pdf	06/28/2011
Test report 24 rev3	Test Report	06/26/2011	pdf	06/28/2011
Test report RFID rev3	Test Report	06/26/2011	pdf	06/28/2011

Sincerely yours,

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