RF Exposure Evaluation
in co-locating with other transmitters

1. Configuration

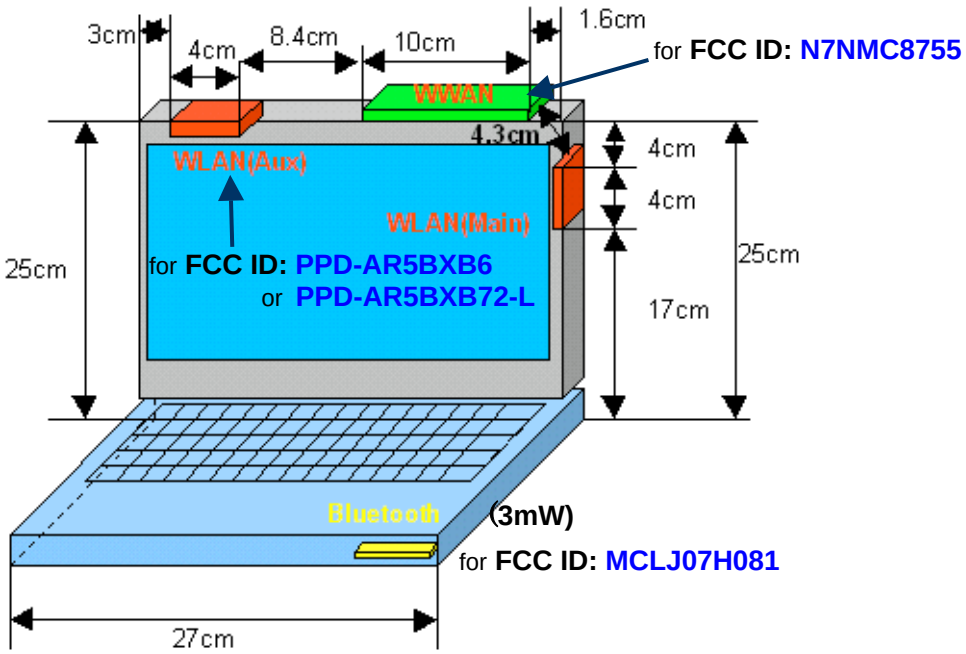
The applying modular transmitter device (FCC ID: **N7NMC8755**) was previously certified by the Commission on October/31/2006 with the same configuration in this application.

The difference from the previous grant condition is:
to enable the simultaneous transmission with the WLAN modular transmitters listed below.

The co-location with the Bluetooth module remains the same.

Note) The host PC (Lenovo DL-note) model, which integrates the applying modular transmitter device (FCC ID: **N7NMC8755**), is marketed in EU, Australia and New Zealand, and is not sold in USA. However, the equipment authorization is necessary for the travelers from those countries.

Figure-1: Triple transmitters model of DL-Note



2. Justification for SAR testing

The subjected host device is a tablet type PC and the transmission antennas are very close to the human body. Therefore the applying LMA transmitter and the antenna system are categorized as a Potable device pursuant to FCC CFR 47 Section 2.1093.

The separate SAR test report (Number: 06U10666-1B) was measured for the applying modular transmitter (FCC ID: N7NMC8755) with the co-located WLAN (FCC ID: PPD-AR5BXB72-L) and Bluetooth (FCC ID: MCLJ07H081) in active. PPD-AR5BXB72-L was selected representatively as the worse case among the two co-located WLAN transmitter devices.

Also the co-located WLAN modules (FCC ID: PPD-AR5BXB72-L and PPD-AR5BXB6) were examined the SAR independently with the co-located Bluetooth (FCC ID: MCLJ07H081) in active, and granted on October/31/2006 and November/07/2006. The document Numbers of SAR test reports for these transmitters referred in this exhibit are 06U10634-4B and 06LR024SAR-F.

Hereafter, the calculation of grid-summed SAR result for WWAN and each WLAN SAR testing is used for the RF exposure evaluation.

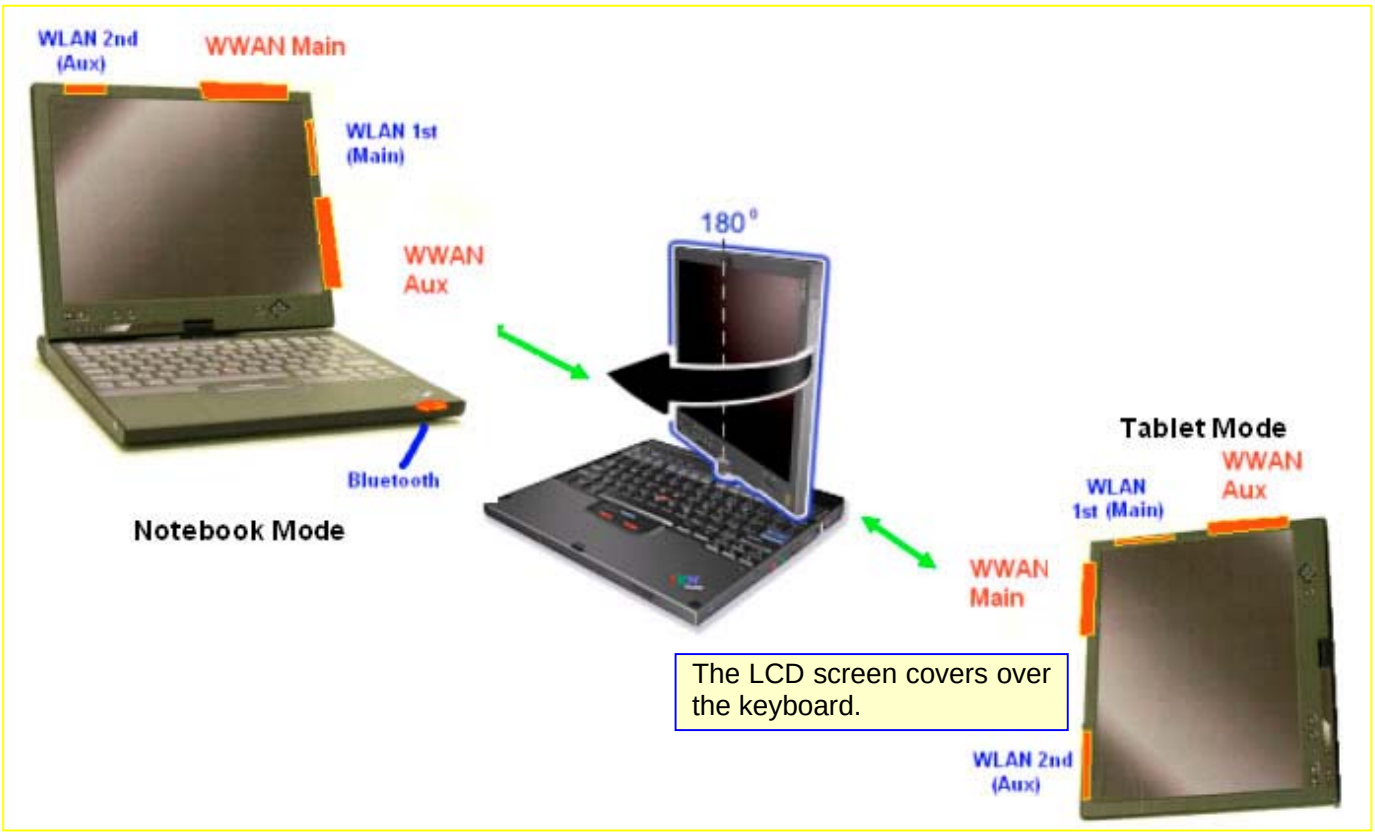
3. Conclusion

The maximum grid-summed SAR results of the WWAN and WLAN modules are as follows, then the applying device (FCC ID: N7NMC8755) has found to comply with the limits for the SAR compliance according to FCC CFR 47 section 2.1093, Portable devices.

Part 22E	GPRS with WLAN and Bluetooth	0.760 mW/g
	EGPRS with WLAN and Bluetooth	0.700 mW/g
Part 24H	GPRS with WLAN and Bluetooth	0.734 mW/g
	EGPRS with WLAN and Bluetooth	0.705 mW/g

4. Summary of grid-summed SAR result

The SAR test was performed with the following configuration, and the same terms of each configuration are referred in the SAR test report.



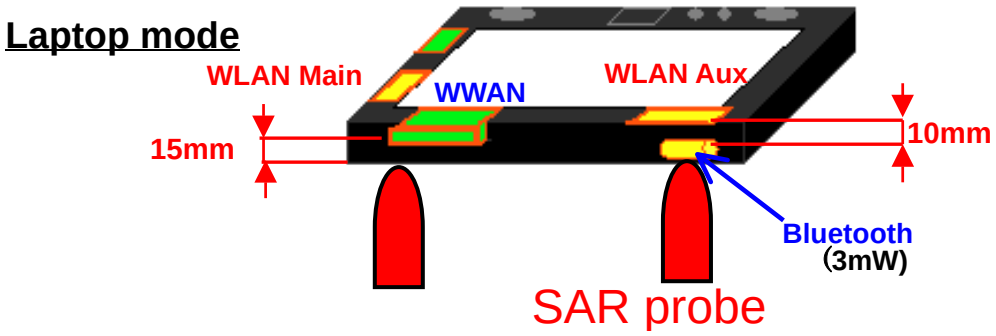


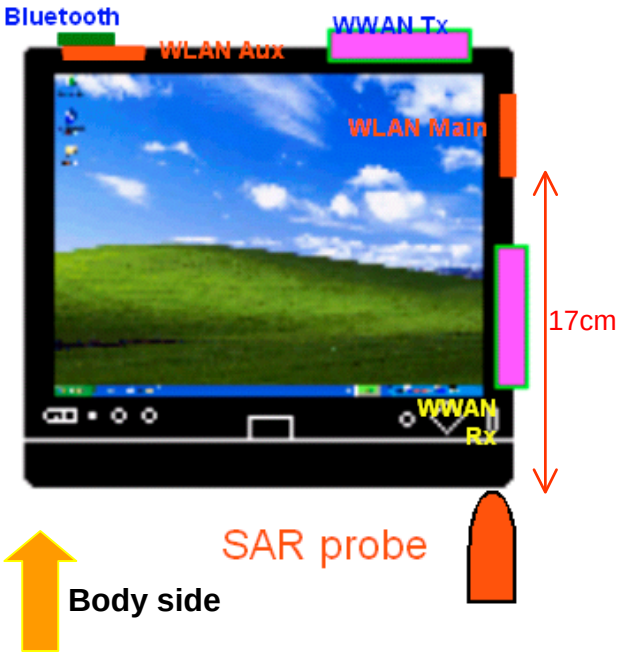
Table-1 Grid-summed SAR result of Laptop mode

[Unit of results: mW/g]

WWAN		N7NMC8755	WLAN	PPD-AR5BXB72-L + MCLJ07H081		PPD-AR5BXB6 + MCLJ07H081	Sum of WLAN + WWAN
				Main	Aux		
SAR Test Report No.		06U10666-1B		06U10634-4B		06LR024SAR-F	
Laptop (Lap-Held)	GPRS-22H	**0.153** (0.142) *1	2.4G (DTS)	0.115	0.122	0.067	0.489 *2
	EGPRS-22H	(0.041) *1					0.377 *2
	GPRS-24E	**0.188** (0.194) *1	5.2G (U-NII)	**0.264**	**0.072**	0.166	0.524 *2
	EGPRS-24E	(0.068) *1	5.8G (DTS)	0.173	0.050	0.185	0.404 *2

*1: Reference only (the previous measurement results of CCS SAR Report 06U10630-3B)
*2: MC8755 SAR result + the highest SAR result of WLAN (i.e. MIMO Main+Aux in 5.2GHz band)

Tablet PL (Primary Landscape)



Tablet PP (Primary Portrait)

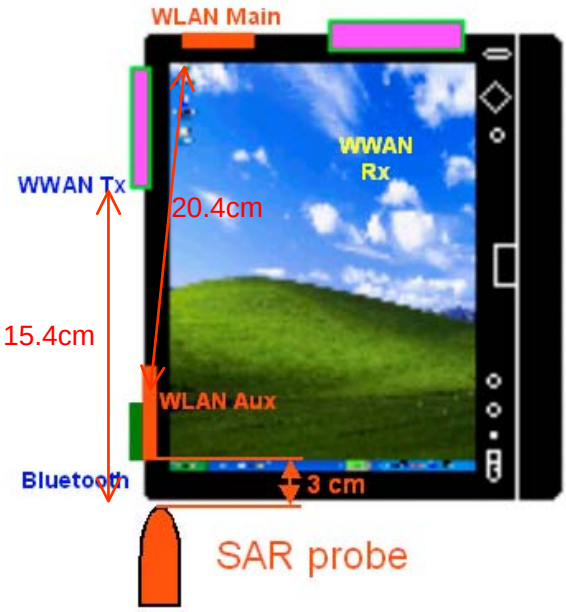


Table-2 Grid-summed SAR result of Tablet Primary mode

[Unit of results: mW/g]

WWAN		N7NMC8755	WLAN	PPD-AR5BXB72-L + MCLJ07H081		PPD-AR5BXB6 + MCLJ07H081	Sum of WLAN + WWAN
				Main	Aux		
SAR Test Report No.		06U10666-1B		06U10634-4B		06LR024SAR-F	
Primary Portrait	GPRS-22H	**0.082** (0.082) *1	2.4G (DTS)	(mobile)	0.361	0.203	**0.760** *3
	EGPRS-22H	(0.022) *1					**0.700** *3
	GPRS-24E	**0.056** (0.056) *1	5.2G (U-NII)	(mobile)	**0.678**	0.107	**0.734** *3
	EGPRS-24E	(0.027) *1	5.8G (DTS)	(mobile)	0.233	0.175	**0.705** *3

*1: Reference only (the previous measurement results of CCS SAR Report 06U10630-3B)
*3: MC8755 SAR result + the highest SAR result of WLAN

Tablet SL (Secondary Landscape)

Tablet SP (Secondary Portrait)

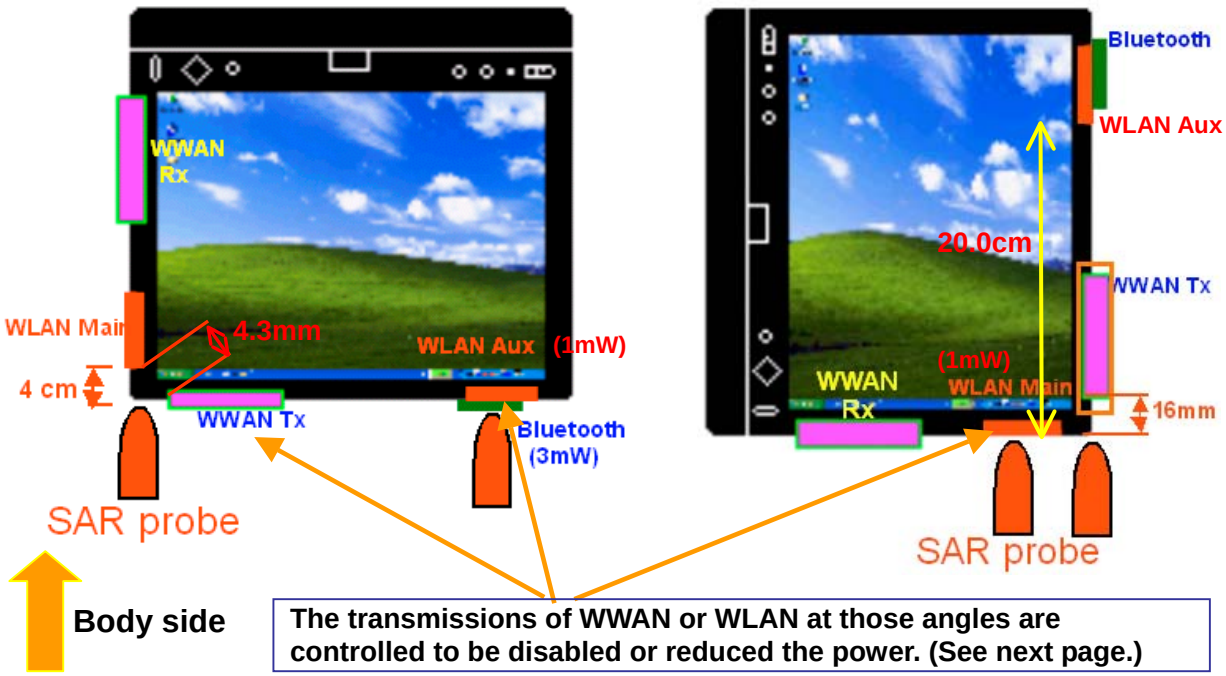


Table-3 Grid-summed SAR result of Tablet Secondary mode

[Unit of results: mW/g]

WWAN		N7NMC8755	**WLAN**	PPD-AR5BXB72-L + MCLJ07H081		PPD-AR5BXB6 + MCLJ07H081	Sum of WLAN + WWAN
				Main	Aux		
SAR Test Report No.		06U10666-1B		06U10634-4B		06LR024SAR-F	
Secondary Landscape	GPRS-22H	(disabled)	2.4G (DTS)	0.024	*4 (0.024)	0.053	0.140 *6
	EGPRS-22H	(disabled)					0.140 *6
	GPRS-24E	(disabled)	5.2G (U-NII)	0.042	*4 (0.042)	0.097	0.140 *6
	EGPRS-24E	(disabled)	5.8G (DTS)	**0.070**	*4 (**0.070**)	0.135	0.140 *6
Secondary Portrait	GPRS-22H	**0.214** (0.194) *1	2.4G (DTS)	*4 (0.024)	*5 (0.024)	0.058	0.354 *6
	EGPRS-22H	(0.069) *1					0.209 *6
	GPRS-24E	**0.153** (0.064) *1	5.2G (U-NII)	*4 (0.042)	*5 (0.042)	0.079	0.293 *6
	EGPRS-24E	(0.032) *1	5.8G (DTS)	*4 (**0.070**)	*5 (**0.070**)	0.053	0.172 *6

*1: Reference only (the previous measurement results of CCS SAR Report 06U10630-3B)

*4: SAR is exempted pursuant to the footnote 14 of the Section 3 in Supplement C to OET Bulletin 65.
Instead, the main WLAN antenna's values in Secondary Landscape mode are used as a worse case.

*5: SAR was not measured for WLAN due to the distance of mobile antenna.
Instead, the main WLAN antenna's values in Secondary Landscape mode are used as a worse case.

*6: MC8755 SAR result + the highest SAR result of WLAN

[Transmission control in “Tablet” operation mode]

- The system recognizes mechanically that it is transformed from **“Notebook mode”** to **“Tablet mode”.**

- The screen angle of **Tablet mode** is determined by operators with the screen rotation switch shown below, then the system recognizes which screen mode in **PL, PP, SL** or **SP** is selected.

- When the **SL** screen mode was selected, the system controls the transmission power of the Aux antenna for WLAN module (FCC ID: PPD-AR5 BXB72-L) to restrain to **1mW**, or the transmission of WLAN module (FCC ID: PPD-AR5 BXB6) is forced to switch to the main antenna.
  If WWAN module was active, the system does not function with **SL** mode for any WWAN module, and the screen returns to **PL** mode automatically so that operator won’t use the **SL** mode.

- When the **SP** screen mode was selected, the system controls the transmission power of the Main antenna for WLAN module (FCC ID: PPD-AR5 BXB72-L**)** to restrain to **1mW**, or the transmission of WLAN module (FCC ID: PPD-AR5 BXB6) is forced to switch to the Aux antenna.