

Statement for exclusion of RF Exposure

No. : 29GE0040-HO-01-A

Applicant : Sony Corporation
Type of Equipment : Remote Commander Remote Commander
Model No. : AIR-RM10
FCC ID : AK8AIRRM10

SAR testing was excluded because this EUT has the output power of less $60/f_{[GHz]}$.
 Note: $60/f_{[GHz]} = 60/2.4_{[GHz]} = 25_{[mW]}$

Maximum source-based time-averaged maximum output power : **5.82 [mW]**

<Measurement method for output power>

It was tested in the antenna terminal.

The measured output power was averaged in the on time.(Gate on of on time).

Average power result for SAR Testing

<ANT1>

Ch	Freq. [MHz]	P/M(AVG) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Antenna Gain [dBi]	Duty factor [dB]	Result	
							[dBm]	[mW]
Low	2411.85	3.97	0.37	10.08	2.10	8.87	7.65	5.82
Mid	2437.85	3.18	0.37	10.08	2.10	8.87	6.86	4.85
High	2463.85	2.45	0.37	10.08	2.10	8.87	6.13	4.10

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Attenuator+Antenna gain-duty factor

<ANT2>

Ch	Freq. [MHz]	P/M(AVG) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Antenna Gain [dBi]	Duty factor [dB]	Result	
							[dBm]	[mW]
Low	2411.85	3.35	0.37	10.08	2.10	8.87	7.03	5.05
Mid	2437.85	2.52	0.37	10.08	2.10	8.87	6.20	4.17
High	2463.85	1.81	0.37	10.08	2.10	8.87	5.49	3.54

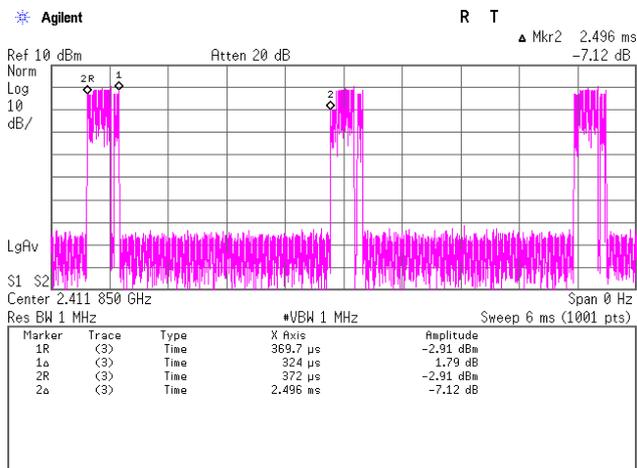
Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Attenuator+Antenna gain-duty factor

Note : Duty factor

Duty factor : $10\log(1/x)=8.87$

x : $Tx\ on/(Tx\ on+Tx\ off)=0.324\ ms/2.496ms = 0.1298$ (Duty : 12.98%)



UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124