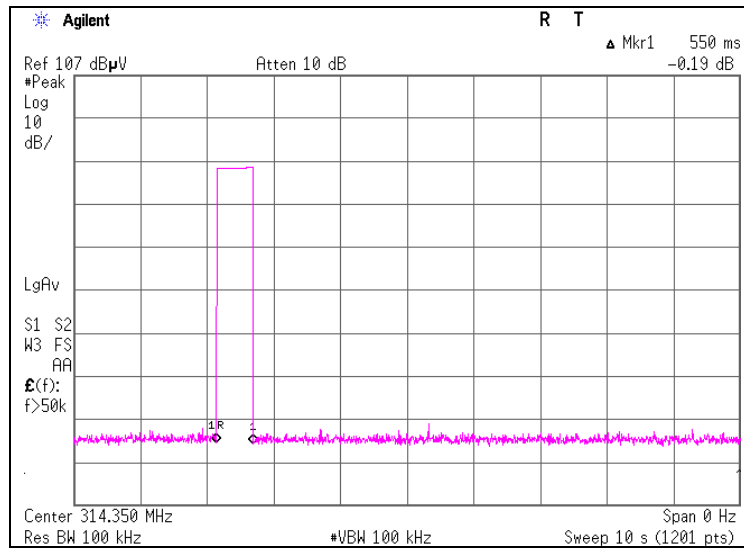


**APPENDIX 2: Data of EMI test**

**Automatically deactivate**

Test place                      Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Report No.                      29LE0241-HO-01  
Date                              08/11/2009  
Temperature/ Humidity        25 deg.C./ 69%  
Engineer                        Hiroyuki Furutaka  
Mode                              Normal use mode

Time of Transmitting [sec]	Limit [sec]	Result
0.55	5.00	Pass









### Duty Cycle

Test place Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Report No. 29LE0241-HO-01  
Date 08/11/2009  
Temperature/ Humidity 25 deg.C./ 69%  
Engineer Hiroyuki Furutaka  
Mode Transmitting mode

Type	Times	ON time(One pulse) [ms]	ON time(in 100ms) [ms]
A	18	1.525	27.45
B	34	0.800	27.2

\*1)ON time(in 100ms) = Times \* ON time(One pulse)

\*2)The train of pulses was exceeding 100msec, and that sampled 100msec was the worst case against the pulse t

#### **(Total)**

ON time [ms]	Cycle [ms]	Duty (On time/Cycle)	Duty [dB]
54.65	100.00	0.55	-5.2

\*3)ON time = Type A's ON time (in 100ms) + Type B's ON time (in 100ms)

\*4)Duty =  $20\log_{10}(\text{ON time/Cycle})$

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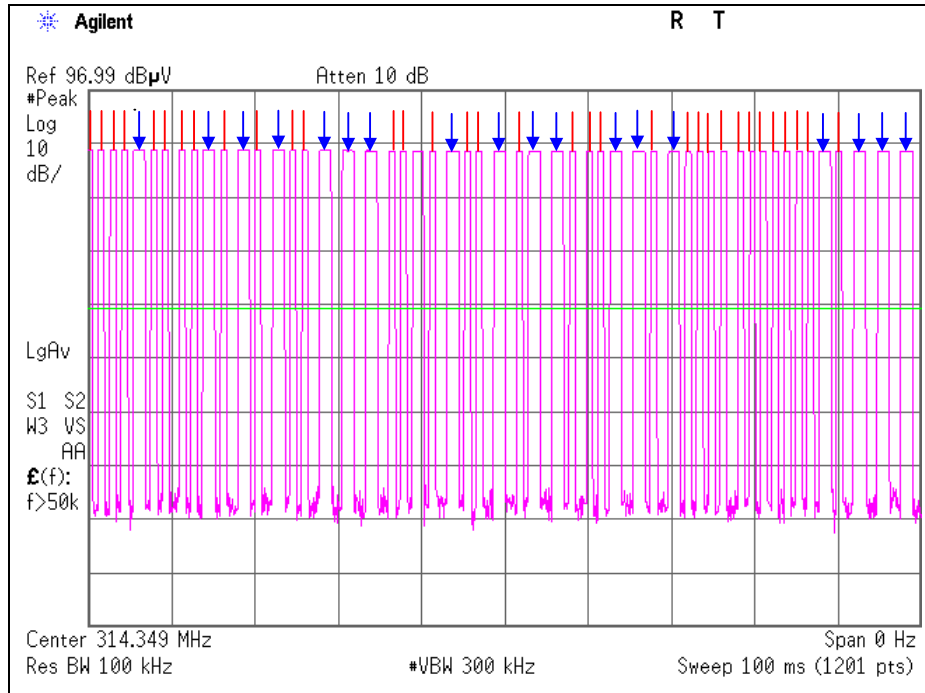
**Head Office EMC Lab.**

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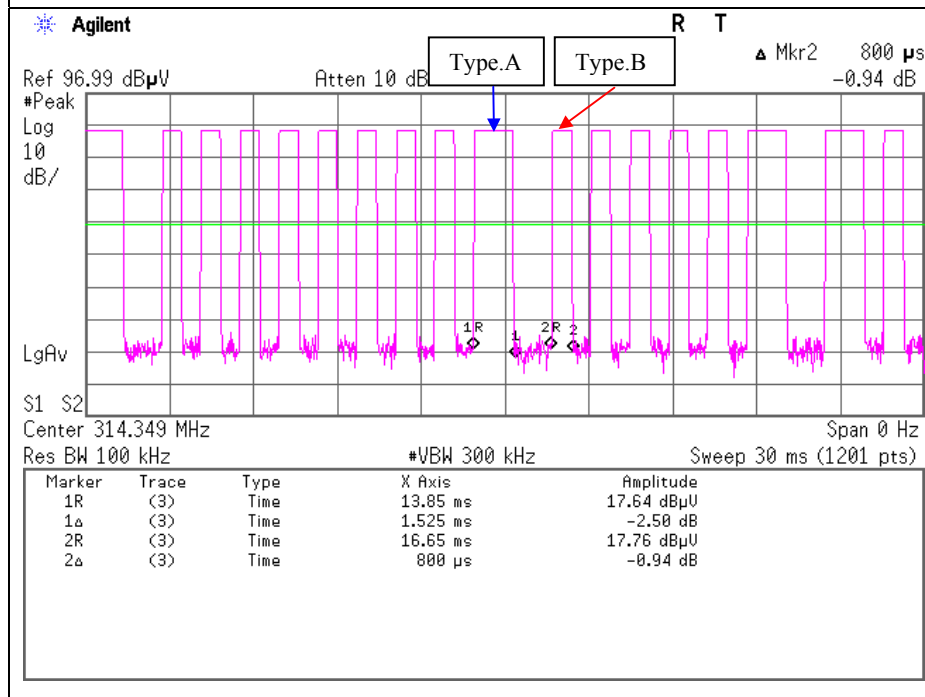
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### Duty Cycle



← : Type A  
 → : Type B



## **APPENDIX 3:Test Instruments**

### **EMI test equipment**

<b>Control No.</b>	<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No</b>	<b>Serial No</b>	<b>Test Item</b>	<b>Calibration Date * Interval(month)</b>
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	RE	2008/12/24 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE	2009/06/30 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2009/07/02 * 12
MAT-09	Attenuator(6dB)	Weinschel Corp	2	BK7973	RE	2008/11/14 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	RE	2009/04/30 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	174410(1m) / 284655(5m)	RE	2009/01/07 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	MY39500779	RE	2009/03/19 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE	2009/02/25 * 12

The expiration date of the calibration is the end of the expired month.

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards. As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

Test Item:

RE: Radiated emission

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