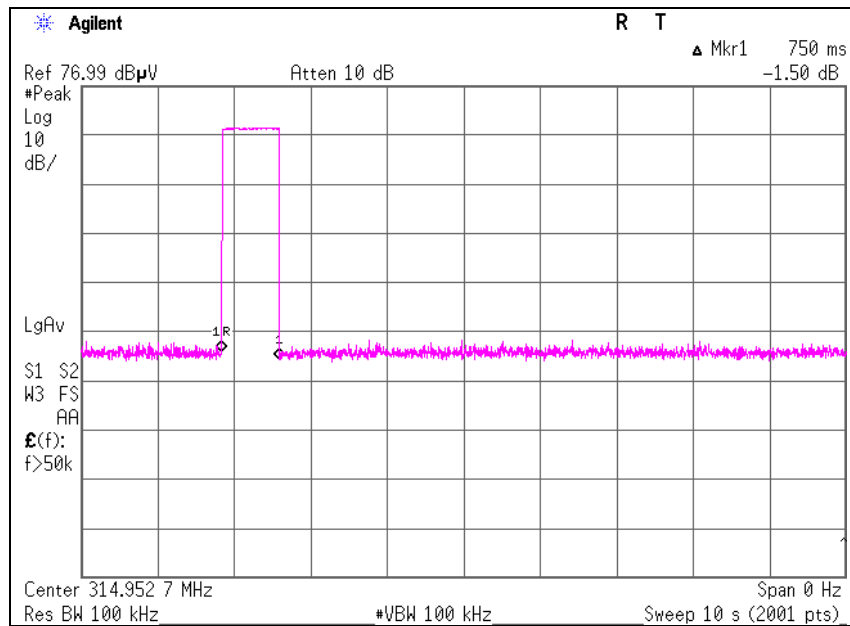


APPENDIX 2: Data of EMI test

Automatically deactivate

Test place Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Report No. 30AE0049-HO-01
 Date 08/17/2009
 Temperature/ Humidity 23 deg.C./ 63%
 Engineer Hironobu Ohnishi
 Mode Normal use mode

Time of Transmitting [sec]	Limit [sec]	Result
0.750	5.00	Pass



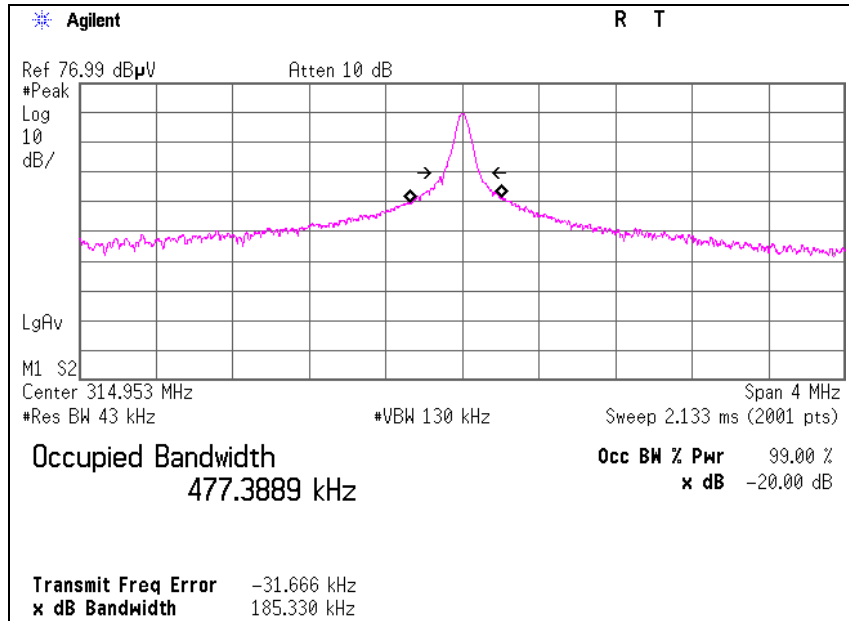
-20dB and 99% Occupied Bandwidth

Test place Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Report No. 30AE0049-HO-01
 Date 08/17/2009
 Temperature/ Humidity 23 deg.C./ 63%
 Engineer Hironobu Ohnishi
 Mode Normal use mode

Bandwidth Limit : Fundamental Frequency **314.95** MHz x 0.25% = 787.37 kHz

-20dB Bandwidth [kHz]	Bandwidth Limit [kHz]	Result
185.33	787.37	Pass

99% Occupied Bandwidth [kHz]	Bandwidth Limit [kHz]	Result
477.39	787.37	Pass



Duty Cycle

Test place Head Office EMC Lab. No.1 Semi Anechoic Chamber
Report No. 30AE0049-HO-01
Date 08/17/2009
Temperature/ Humidity 23 deg.C./ 63%
Engineer Hironobu Ohnishi
Mode Normal use mode

Type	Times	ON time(One pulse) [ms]	ON time(in 100ms) [ms]
A	37	0.800	29.60
B	12	1.635	19.62

*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 train.

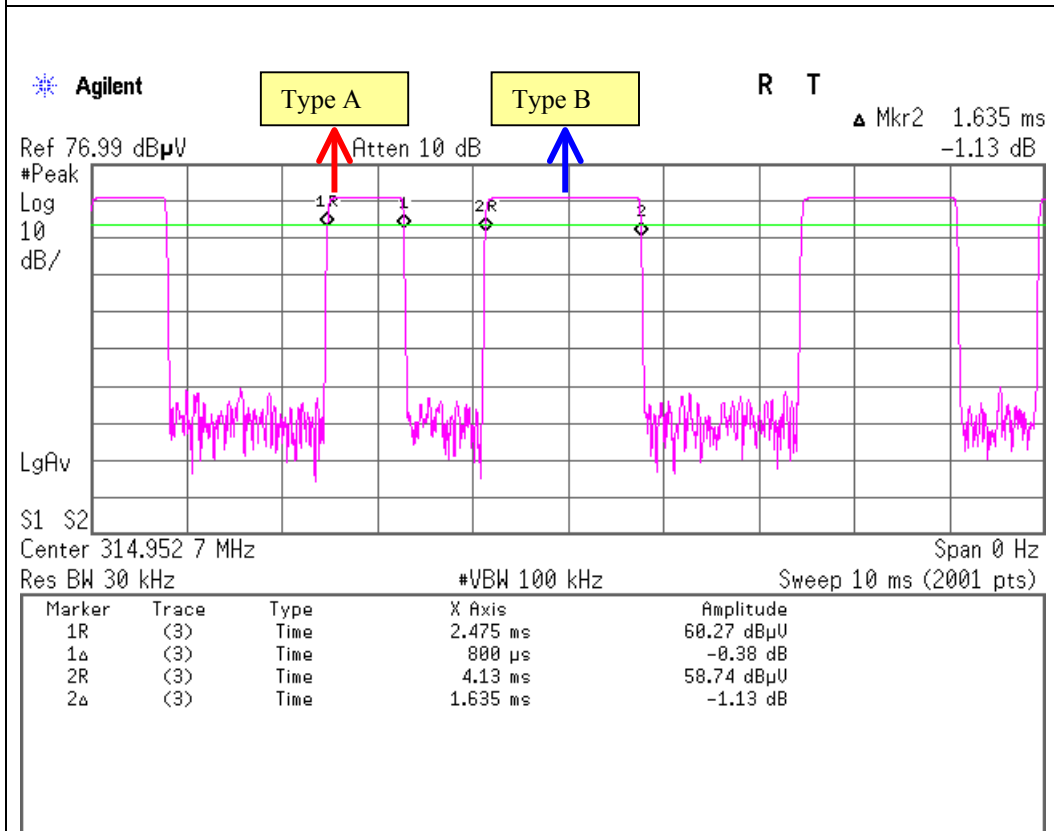
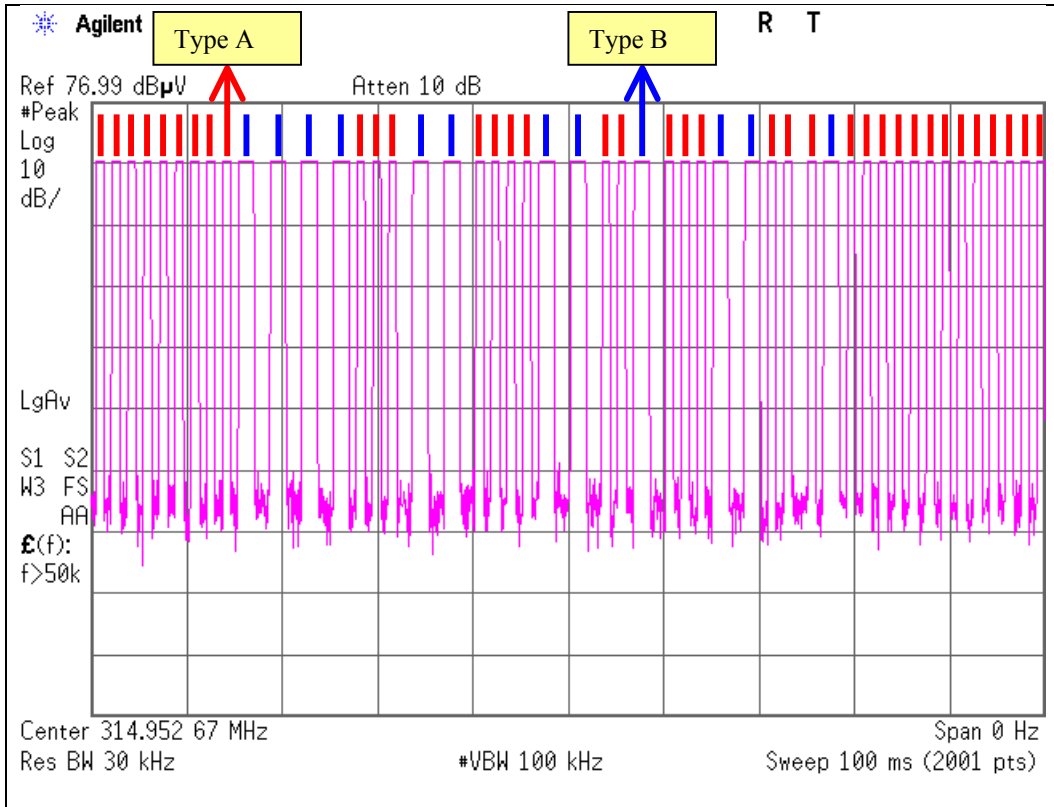
(Total)

ON time [ms]	Cycle [ms]	Duty (On time/Cycle)	Duty [dB]
49.22	100.00	0.492	-6.15

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

*4)Duty = 20log10(ON time/Cycle)

Duty Cycle



APPENDIX 3:Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAEC-01	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 10m	DA-06881	RE	2009/06/26 * 12
MOS-01	Digital Humidity Indicator	N.T	NT-1800	MOS01	RE	2009/02/06 * 12
MJM-01	Measure	KDS	ES19-55	-	RE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE	-
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	100084	RE	2008/12/01 * 12
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	VHA91032007	RE	2008/11/12 * 12
MLA-09	Logperiodic Antenna	Schwarzbeck	USLP9143B	9143B006	RE	2008/11/12 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	BL1069	RE	2008/11/14 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent /TSJ	-	-	RE	2008/10/02 * 12
MPA-04	Pre Amplifier	Agilent	8447D	2944A09965	RE	2009/07/03 * 12
MHA-05	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	253	RE	2009/06/15 * 12
MCC-18	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	233010(1m) / 292410(5m)	RE	2008/09/09 * 12
MPA-01	Pre Amplifier	Agilent	8449B	3008A01671	RE	2009/02/12 * 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, 99% Occupied Bandwidth, -20dB bandwidth , Automatically deactivate and Duty cycle tests

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