SAMSUNG ELECTRONICS CO., LTD

TEST REPORT

Prepared For:	SAMSUNG ELECTRONICS CO., LTD 1, Samsung-Ro, Giheung-Gu, Yongin-Si, Gyeonggi-Do 17113, Korea
Product Name:	LED
Model Number:	SPMWHx228Fxxxxxxxx
Prepared By:	Shenzhen BST Technology Co., Ltd. Building No.23-24, Zhiheng industrial park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China.
Test Date:	Aug. 28, 2014 – Oct. 30, 2015
Date of Report:	Nov. 02, 2015
Report No.:	BST1510440900001Y-1SR-2

TEST REPORT

LUMEN MAINTENANCE TESTING ACCORDING TO THE IESNA LM-80-08 TEST STANDARD

Testing laboratory	:	Shenzhen BST Technology Co., Ltd.
Address	:	Building No.23-24, Zhiheng industrial park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China.
Testing location	:	Shenzhen BST Technology Co., Ltd.
Applicant	:	SAMSUNG ELECTRONICS CO., LTD
Address	:	1, Samsung-Ro, Giheung-Gu, Yongin-Si, Gyeonggi-Do 17113, Korea
Test Procedure.....	:	THE IESNA LM-80-2008: Measuring Lumen Maintenance of LED Light Sources.
Non-standard test method	:	N.A.
Type of test object	:	LED
Trademark	:	N.A.
Model/type reference	:	SPMWH1228FD5WAV0S2 (3000K)
Rating	:	3.0V⎓, 0.12A, 0.36W
Manufacturer	:	SAMSUNG ELECTRONICS CO., LTD
Address	:	1, Samsung-Ro, Giheung-Gu, Yongin-Si, Gyeonggi-Do 17113, Korea

Name and address of the testing laboratory:	**Shenzhen BST Technology Co., Ltd.** **Building No.23-24, Zhiheng industrial park,** **Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China**

Prepared by : Jacky Zhang
Engineer

Reviewer :
Supervisor

Approved & Authorized Signer :

Possible test case verdicts :

Test case does not apply to the test object …….. : N(.A.)

Test object does meet the requirement …… : P(ass)

Test object does not meet the requirement ……. : F(ail)

General remarks:

Throughout this report a point is used as the decimal separator. The test results presented in this report relate only to the object tested.

Test Results Summary:

Summary	I	II	III
Condition	Ts=54.6℃ T_A=53.8℃ R.H.<65% I_F=120mA	Ts=84.3℃ T_A=83.7℃ R.H.<65% I_F=120mA	Ts=104.5℃ T_A=104.6℃ R.H.<65% I_F=120mA
Duration(hour)	10000	10000	10000
Interval(hour)	0,1000,2000,3000,4000, 5000, 6000,7000,8000,9000, 10000	0,1000,2000,3000,4000, 5000, 6000,7000,8000,9000, 10000	0,1000,2000,3000,4000, 5000, 6000,7000,8000,9000, 10000
Sample number	20	20	20
Average Lumen Maintenance at 10000 hour	94.20%	91.86%	90.58%
Average Chromaticity Shift △u'v' at 10000 hour	0.0042	0.0052	0.0059
Failure	0	0	0
α	7.283E-06	1.140E-05	1.103E-05
β	1.018	1.035	1.009
Calculated L70(10k) (hours)	51000	34000	33000
Reported L70(hours)	51000	34000	33000

Equipments Used for Testing:

Equipment	Model	Equipment No.
DC Power Supply	IT6122	BSTNX001
Power meter	WT210	BSTNX001
Spectroradiometer	SPEC300	BN067
0.3m Integrating Sphere	--	BSTNX002

Test Data:
Operating Condition: 55℃/120mA

No.	Φ(lm)	V_F(V)	Lumen maintenance (%)					
	0h(Initial)		1000h	2000h	3000h	4000h	5000h	6000h
1	40.5	3.1	100.06	99.68	98.96	98.56	98.06	96.99
2	39.6	3.1	100.03	99.62	98.72	98.26	97.81	97.38
3	39.3	3.0	100.01	99.53	98.75	98.26	98.18	96.98
4	38.5	3.1	100.02	99.61	98.82	98.17	97.63	96.89
5	41.1	3.1	100.07	99.52	98.91	98.29	97.73	97.42
6	40.5	3.1	100.13	99.61	98.82	98.35	97.53	97.48
7	38.8	3.0	100.05	99.67	98.93	98.36	97.61	97.43
8	40.5	3.1	100.05	99.61	99.15	98.32	97.73	97.42
9	39.2	3.0	100.12	99.56	98.73	98.26	97.81	97.41
10	38.8	3.1	100.08	99.62	98.64	98.31	97.83	97.48
11	40.2	3.0	100.07	99.61	98.85	98.36	97.91	97.32
12	39.2	3.1	100.02	99.88	98.56	98.22	97.92	97.66
13	38.6	3.1	100.03	99.51	98.68	98.26	97.88	97.12
14	38.8	3.0	100.03	99.42	98.85	98.36	97.79	97.42
15	41.2	3.1	100.08	99.45	98.96	98.27	97.96	97.43
16	38.8	3.1	100.19	99.51	98.95	98.28	97.81	97.49
17	37.9	3.0	100.28	99.68	98.71	98.29	97.83	97.39
18	39.2	3.1	100.13	99.61	98.62	98.35	97.92	97.42
19	39.1	3.1	100.02	99.63	98.83	98.23	97.92	97.41
20	38.8	3.0	100.03	99.62	98.88	98.29	97.89	97.42
Average	39.4	3.1	100.08	99.60	98.82	98.30	97.84	97.35
Median	39.2	3.1	100.06	99.61	98.83	98.29	97.83	97.42
St, Dev.	0.9	0.0	0.07	0.10	0.14	0.08	0.15	0.20
Max	41.2	3.1	100.28	99.88	99.15	98.56	98.18	97.66
Min	37.9	3.0	100.01	99.42	98.56	98.17	97.53	96.89

Operating Condition: 55℃/120mA

No.	Lumen maintenance (%)			
	7000h	8000h	9000h	10000h
1	96.81	95.82	95.63	93.91
2	97.21	96.33	95.74	94.61
3	97.23	96.78	95.63	94.63
4	97.26	96.52	95.34	94.26
5	97.22	96.41	95.51	94.16
6	97.17	96.29	95.23	94.11
7	96.69	96.47	95.26	94.09
8	96.82	96.86	95.28	94.05
9	96.84	96.66	95.18	94.14
10	96.78	95.89	95.29	94.07
11	96.96	96.71	95.47	93.96
12	96.83	96.25	95.83	93.81
13	97.14	96.29	95.72	94.21
14	97.16	96.19	95.43	94.62
15	97.22	96.38	95.66	94.25
16	97.11	96.56	95.27	94.14
17	96.82	96.51	95.51	94.12
18	96.82	96.38	95.38	94.58
19	96.73	96.23	95.26	94.35
20	96.91	96.36	95.31	93.98
Average	96.99	96.39	95.45	94.20
Median	96.94	96.38	95.41	94.14
St, Dev.	0.20	0.26	0.20	0.24
Max	97.26	96.86	95.83	94.63
Min	96.69	95.82	95.18	93.81

Operating Condition: 85℃/120mA

No.	Φ(lm)	V_F(V)	Lumen maintenance (%)					
	0h(Initial)		1000h	2000h	3000h	4000h	5000h	6000h
1	39.2	3.0	99.91	98.84	97.39	98.21	97.43	96.83
2	38.6	3.1	99.82	98.87	98.25	97.81	97.48	96.87
3	39.2	3.0	99.81	98.73	98.35	98.13	97.44	96.82
4	40.2	3.1	99.98	98.72	98.18	97.65	97.36	96.33
5	40.3	3.1	99.83	98.67	97.98	97.76	97.48	96.63
6	39.2	3.1	99.85	98.65	98.26	97.22	97.41	96.12
7	38.6	3.0	99.81	98.88	98.23	97.49	97.48	96.79
8	39.2	3.1	99.83	99.55	98.31	97.71	97.43	96.82
9	40.1	3.1	99.87	98.28	98.33	97.41	97.49	96.96
10	40.2	3.1	99.88	98.75	98.23	97.86	97.44	96.57
11	38.6	3.0	99.98	98.78	98.36	97.82	97.33	96.98
12	38.6	3.1	99.84	98.65	98.37	97.95	97.32	96.84
13	38.7	3.1	99.92	98.62	98.29	97.63	97.36	96.65
14	38.2	3.1	99.96	98.85	98.37	97.66	97.47	96.21
15	39.3	3.1	99.87	98.97	98.23	97.81	97.44	96.87
16	38.6	3.1	99.95	98.98	98.22	97.86	97.27	96.31
17	38.5	3.0	99.92	98.75	98.44	97.84	97.32	96.99
18	39.1	3.1	99.92	98.69	98.31	97.96	97.44	96.93
19	39.3	3.1	99.87	98.88	98.33	97.95	97.45	96.95
20	38.6	3.0	99.72	98.83	98.34	97.82	97.46	96.95
Average	39.1	3.1	99.88	98.80	98.24	97.78	97.42	96.72
Median	39.2	3.1	99.87	98.77	98.30	97.82	97.44	96.83
St, Dev.	0.6	0.0	0.07	0.23	0.22	0.23	0.06	0.27
Max	40.3	3.1	99.98	99.55	98.44	98.21	97.49	96.99
Min	38.2	3.0	99.72	98.28	97.39	97.22	97.27	96.12

Operating Condition: 85℃/120mA

No.	Lumen maintenance (%)			
	7000h	8000h	9000h	10000h
1	95.82	94.66	93.91	92.58
2	95.68	94.58	93.88	91.91
3	95.89	93.89	93.52	91.95
4	95.84	93.64	93.28	91.84
5	95.67	95.26	93.69	92.38
6	95.86	94.86	93.81	91.32
7	95.82	94.91	93.96	91.55
8	95.66	94.86	93.68	91.82
9	95.62	94.87	94.19	91.86
10	95.46	94.58	93.88	91.81
11	95.34	94.46	93.96	91.48
12	95.28	94.81	93.86	91.37
13	95.68	94.87	93.62	91.86
14	95.48	94.93	93.28	91.89
15	95.88	94.84	93.65	91.81
16	95.87	94.76	93.83	91.24
17	95.89	94.81	93.61	91.53
18	95.96	94.88	93.56	92.28
19	96.11	94.89	93.27	92.43
20	95.93	94.86	93.98	92.19
Average	95.74	94.71	93.72	91.86
Median	95.82	94.85	93.75	91.85
St, Dev.	0.22	0.36	0.25	0.38
Max	96.11	95.26	94.19	92.58
Min	95.28	93.64	93.27	91.24

Operating Condition: 105℃/120mA

No.	Φ(lm)	V_F(V)	Lumen maintenance (%)					
	0h(Initial)		1000h	2000h	3000h	4000h	5000h	6000h
1	40.2	3.0	99.27	98.18	97.55	96.38	95.66	94.88
2	38.6	3.0	99.65	98.23	97.32	96.85	96.11	95.21
3	39.3	3.0	99.55	98.25	97.23	96.12	95.38	94.65
4	40.2	3.1	99.36	98.04	97.23	96.55	95.41	94.55
5	38.9	3.0	99.52	98.12	97.38	96.89	96.25	95.36
6	37.7	3.1	99.57	98.55	97.23	96.18	95.33	94.12
7	38.9	3.1	99.62	97.82	96.38	95.69	95.62	94.58
8	38.8	3.1	99.48	98.65	97.66	96.38	95.92	94.96
9	39.2	3.0	99.48	97.72	97.08	96.85	95.11	94.36
10	39.5	3.1	99.37	99.39	98.23	97.26	96.55	95.92
11	40.5	3.1	99.54	98.12	97.38	96.55	94.85	94.12
12	40.2	3.1	99.62	97.85	96.92	95.85	95.12	94.35
13	39.2	3.0	99.52	98.36	97.12	96.18	95.85	94.78
14	40.2	3.0	99.57	98.22	97.18	96.35	95.38	94.89
15	39.3	3.1	99.63	98.36	97.85	96.84	96.11	95.62
16	39.2	3.1	99.28	98.38	96.88	96.12	95.33	94.56
17	38.5	3.0	99.46	98.22	97.11	96.31	95.62	94.85
18	39.2	3.0	99.45	98.12	97.23	96.21	95.28	94.38
19	39.3	3.1	99.47	98.89	98.35	97.22	96.23	95.33
20	38.9	3.0	99.63	97.85	97.18	96.11	95.32	94.89
Average	39.3	3.1	99.50	98.27	97.32	96.44	95.62	94.82
Median	39.2	3.1	99.52	98.22	97.23	96.37	95.52	94.82
St, Dev.	0.7	0.1	0.11	0.39	0.45	0.43	0.45	0.48
Max	40.5	3.1	99.65	99.39	98.35	97.26	96.55	95.92
Min	37.7	3.0	99.27	97.72	96.38	95.69	94.85	94.12

Operating Condition: 105℃/120mA

No.	Lumen maintenance (%)			
	7000h	8000h	9000h	10000h
1	93.33	92.22	91.33	90.78
2	93.08	92.45	91.34	90.92
3	92.86	92.14	91.25	90.37
4	92.86	92.28	90.65	90.23
5	92.57	92.35	90.86	90.37
6	92.36	92.36	91.12	90.56
7	92.25	92.38	91.25	90.28
8	92.36	92.29	91.56	90.45
9	92.56	92.21	91.46	90.65
10	92.79	92.35	91.26	90.27
11	92.56	92.36	91.87	90.25
12	92.31	92.21	91.84	90.34
13	92.87	92.16	91.46	91.28
14	92.86	92.32	91.55	90.87
15	92.96	92.25	91.65	90.78
16	92.68	92.15	91.37	90.67
17	92.67	92.35	91.54	90.49
18	92.87	92.21	91.53	90.41
19	92.98	92.25	91.42	90.35
20	92.69	92.11	91.55	91.22
Average	92.72	92.27	91.39	90.58
Median	92.74	92.27	91.44	90.47
St, Dev.	0.28	0.09	0.29	0.31
Max	93.33	92.45	91.87	91.28
Min	92.25	92.11	90.65	90.23

Operating Condition: 55℃/120mA

No.	CCT(K)	Chromaticity Shift △u'v'					
	0h(Initial)	1000h	2000h	3000h	4000h	5000h	6000h
1	3058	0.0008	0.0013	0.0013	0.0015	0.0018	0.0025
2	3112	0.0009	0.0014	0.0013	0.0015	0.0018	0.0022
3	3056	0.0008	0.0011	0.0014	0.0016	0.0018	0.0023
4	3025	0.0009	0.0015	0.0016	0.0018	0.0021	0.0023
5	3086	0.0008	0.0012	0.0016	0.0017	0.0018	0.0024
6	3058	0.0009	0.0012	0.0013	0.0014	0.0015	0.0019
7	3085	0.0011	0.0012	0.0013	0.0015	0.0018	0.0019
8	3089	0.0011	0.0013	0.0014	0.0015	0.0016	0.0019
9	3082	0.0008	0.0015	0.0016	0.0016	0.0013	0.0018
10	3112	0.0011	0.0013	0.0012	0.0014	0.0014	0.0016
11	3152	0.0007	0.0011	0.0014	0.0016	0.0017	0.0018
12	3125	0.0009	0.0011	0.0012	0.0013	0.0015	0.0018
13	3092	0.0008	0.0008	0.0011	0.0012	0.0014	0.0017
14	3115	0.0007	0.0011	0.0012	0.0013	0.0014	0.0016
15	3065	0.0011	0.0012	0.0013	0.0015	0.0015	0.0018
16	3092	0.0012	0.0013	0.0014	0.0016	0.0016	0.0019
17	3038	0.0011	0.0013	0.0014	0.0016	0.0017	0.0019
18	3046	0.0008	0.0009	0.0011	0.0013	0.0013	0.0017
19	3059	0.0009	0.0009	0.0013	0.0013	0.0015	0.0019
20	3099	0.0008	0.0009	0.0011	0.0014	0.0015	0.0018
Average	3082	0.0009	0.0012	0.0013	0.0015	0.0016	0.0019
Median	3086	0.0009	0.0012	0.0013	0.0015	0.0016	0.0019
St, Dev.	32	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Max	3152	0.0012	0.0015	0.0016	0.0018	0.0021	0.0025
Min	3025	0.0007	0.0008	0.0011	0.0012	0.0013	0.0016

Operating Condition: 55℃/120mA

No.	Chromaticity Shift △u'v'			
	7000h	8000h	9000h	10000h
1	0.0023	0.0028	0.0036	0.0041
2	0.0025	0.0032	0.0036	0.0042
3	0.0024	0.0033	0.0034	0.0041
4	0.0023	0.0032	0.0036	0.0043
5	0.0025	0.0035	0.0038	0.0039
6	0.0026	0.0036	0.0043	0.0041
7	0.0026	0.0034	0.0038	0.0044
8	0.0029	0.0035	0.0037	0.0045
9	0.0025	0.0037	0.0043	0.0042
10	0.0023	0.0039	0.0042	0.0043
11	0.0022	0.0033	0.0035	0.0043
12	0.0023	0.0029	0.0032	0.0043
13	0.0024	0.0032	0.0037	0.0041
14	0.0022	0.0034	0.0036	0.0042
15	0.0018	0.0033	0.0035	0.0043
16	0.0023	0.0035	0.0038	0.0044
17	0.0022	0.0034	0.0033	0.0039
18	0.0025	0.0029	0.0033	0.0041
19	0.0023	0.0028	0.0032	0.0041
20	0.0025	0.0034	0.0035	0.0039
Average	0.0024	0.0033	0.0036	0.0042
Median	0.0024	0.0034	0.0036	0.0042
St, Dev.	0.0002	0.0003	0.0003	0.0002
Max	0.0029	0.0039	0.0043	0.0045
Min	0.0018	0.0028	0.0032	0.0039

Operating Condition: 85℃/120mA

No.	CCT(K)	Chromaticity Shift △u'v'					
	0h(Initial)	1000h	2000h	3000h	4000h	5000h	6000h
1	3112	0.0014	0.0015	0.0017	0.0023	0.0026	0.0034
2	3088	0.0015	0.0016	0.0023	0.0025	0.0026	0.0033
3	3091	0.0009	0.0015	0.0021	0.0023	0.0027	0.0035
4	3069	0.0012	0.0013	0.0024	0.0026	0.0028	0.0033
5	3077	0.0016	0.0017	0.0018	0.0023	0.0025	0.0034
6	3115	0.0013	0.0012	0.0021	0.0025	0.0028	0.0033
7	3085	0.0014	0.0015	0.0024	0.0026	0.0027	0.0032
8	3074	0.0012	0.0014	0.0020	0.0022	0.0023	0.0031
9	3068	0.0013	0.0013	0.0025	0.0027	0.0028	0.0034
10	3065	0.0012	0.0013	0.0022	0.0025	0.0026	0.0033
11	3092	0.0014	0.0016	0.0023	0.0023	0.0024	0.0029
12	3118	0.0014	0.0014	0.0022	0.0024	0.0023	0.0029
13	3088	0.0012	0.0015	0.0022	0.0025	0.0028	0.0035
14	3068	0.0013	0.0016	0.0018	0.0024	0.0025	0.0034
15	3064	0.0015	0.0016	0.0021	0.0023	0.0025	0.0032
16	2998	0.0013	0.0015	0.0022	0.0022	0.0028	0.0032
17	3026	0.0013	0.0014	0.0023	0.0024	0.0025	0.0027
18	3152	0.0013	0.0016	0.0021	0.0025	0.0026	0.0032
19	3085	0.0014	0.0016	0.0022	0.0026	0.0028	0.0034
20	3098	0.0015	0.0016	0.0023	0.0025	0.0027	0.0033
Average	3082	0.0013	0.0015	0.0022	0.0024	0.0026	0.0032
Median	3085	0.0013	0.0015	0.0022	0.0025	0.0026	0.0033
St, Dev.	33	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002
Max	3152	0.0016	0.0017	0.0025	0.0027	0.0028	0.0035
Min	2998	0.0009	0.0012	0.0017	0.0022	0.0023	0.0027

Operating Condition: 85℃/120mA

No.	Chromaticity Shift △u'v'			
	7000h	8000h	9000h	10000h
1	0.0038	0.0043	0.0046	0.0051
2	0.0037	0.0045	0.0049	0.0049
3	0.0036	0.0042	0.0053	0.0051
4	0.0037	0.0043	0.0053	0.0051
5	0.0036	0.0045	0.0049	0.0051
6	0.0037	0.0042	0.0048	0.0052
7	0.0038	0.0043	0.0049	0.0052
8	0.0038	0.0042	0.0052	0.0051
9	0.0036	0.0045	0.0052	0.0054
10	0.0039	0.0043	0.0053	0.0053
11	0.0038	0.0041	0.0048	0.0053
12	0.0039	0.0044	0.0047	0.0054
13	0.0034	0.0043	0.0048	0.0050
14	0.0035	0.0041	0.0045	0.0054
15	0.0033	0.0045	0.0047	0.0053
16	0.0036	0.0042	0.0048	0.0054
17	0.0029	0.0046	0.0049	0.0050
18	0.0035	0.0045	0.0048	0.0051
19	0.0038	0.0044	0.0047	0.0050
20	0.0037	0.0042	0.0046	0.0051
Average	0.0036	0.0043	0.0049	0.0052
Median	0.0037	0.0043	0.0048	0.0051
St, Dev.	0.0002	0.0001	0.0002	0.0002
Max	0.0039	0.0046	0.0053	0.0054
Min	0.0029	0.0041	0.0045	0.0049

Operating Condition: 105℃/120mA

No.	CCT(K)	Chromaticity Shift △u'v'					
	0h(Initial)	1000h	2000h	3000h	4000h	5000h	6000h
1	3095	0.0015	0.0018	0.0025	0.0027	0.0035	0.0043
2	3087	0.0014	0.0019	0.0024	0.0027	0.0031	0.0042
3	3088	0.0018	0.0018	0.0019	0.0025	0.0032	0.0039
4	3088	0.0013	0.0016	0.0018	0.0028	0.0031	0.0042
5	3092	0.0013	0.0017	0.0023	0.0025	0.0028	0.0038
6	3056	0.0014	0.0018	0.0019	0.0023	0.0034	0.0038
7	3077	0.0015	0.0016	0.0021	0.0025	0.0029	0.0039
8	3078	0.0014	0.0018	0.0021	0.0025	0.0033	0.0042
9	3068	0.0015	0.0018	0.0021	0.0024	0.0029	0.0039
10	3085	0.0015	0.0016	0.0024	0.0026	0.0029	0.0038
11	3086	0.0014	0.0017	0.0019	0.0023	0.0029	0.0036
12	3088	0.0015	0.0016	0.0018	0.0026	0.0031	0.0035
13	3121	0.0015	0.0015	0.0019	0.0024	0.0031	0.0036
14	3085	0.0013	0.0017	0.0018	0.0025	0.0033	0.0037
15	3064	0.0015	0.0015	0.0019	0.0026	0.0029	0.0036
16	3025	0.0013	0.0018	0.0019	0.0025	0.0032	0.0036
17	3069	0.0013	0.0017	0.0018	0.0024	0.0034	0.0038
18	3075	0.0014	0.0018	0.0024	0.0027	0.0035	0.0037
19	3068	0.0016	0.0022	0.0025	0.0026	0.0029	0.0038
20	3097	0.0015	0.0018	0.0018	0.0024	0.0028	0.0036
Average	3080	0.0014	0.0017	0.0021	0.0025	0.0031	0.0038
Median	3085	0.0015	0.0018	0.0019	0.0025	0.0031	0.0038
St, Dev.	19	0.0001	0.0002	0.0003	0.0001	0.0002	0.0002
Max	3121	0.0018	0.0022	0.0025	0.0028	0.0035	0.0043
Min	3025	0.0013	0.0015	0.0018	0.0023	0.0028	0.0035

Operating Condition: 105℃/120mA

No.	Chromaticity Shift △u'v'			
	7000h	8000h	9000h	10000h
1	0.0045	0.0051	0.0053	0.0059
2	0.0043	0.0048	0.0053	0.0064
3	0.0044	0.0049	0.0054	0.0059
4	0.0043	0.0048	0.0052	0.0059
5	0.0042	0.0048	0.0053	0.0058
6	0.0043	0.0049	0.0052	0.0057
7	0.0043	0.0047	0.0051	0.0062
8	0.0045	0.0046	0.0052	0.0059
9	0.0044	0.0048	0.0054	0.0056
10	0.0042	0.0051	0.0052	0.0058
11	0.0042	0.0052	0.0053	0.0056
12	0.0039	0.0048	0.0054	0.0057
13	0.0042	0.0047	0.0045	0.0058
14	0.0038	0.0047	0.0053	0.0063
15	0.0041	0.0048	0.0052	0.0058
16	0.0039	0.0048	0.0051	0.0058
17	0.0038	0.0047	0.0052	0.0059
18	0.0039	0.0049	0.0053	0.0057
19	0.0039	0.0048	0.0052	0.0058
20	0.0038	0.0049	0.0053	0.0057
Average	0.0041	0.0048	0.0052	0.0059
Median	0.0042	0.0048	0.0053	0.0058
St, Dev.	0.0002	0.0002	0.0002	0.0002
Max	0.0045	0.0052	0.0054	0.0064
Min	0.0038	0.0046	0.0045	0.0056

ANNEX:

Photo-documentation

Photo 1 General Appearance of the EUT