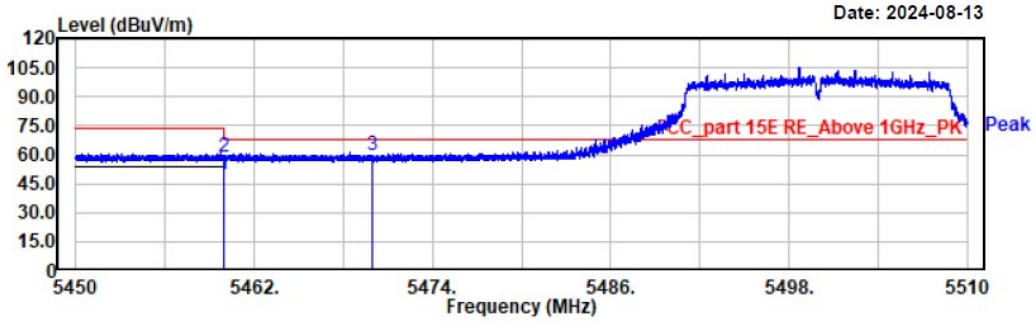
Project No.: 2407W89604E-RF
Test Mode: 11ac20-5500
EUT Model: SLM927
Test distance: 3m

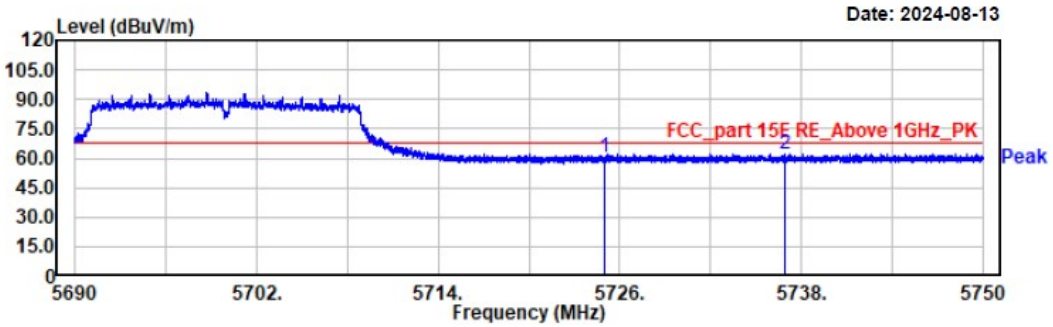
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5460.00	12.57	37.48	50.05	54.00	3.95	vertical	Average
5460.00	21.09	37.48	58.57	74.00	15.43	vertical	Peak
5470.00	21.98	37.55	59.53	68.20	8.67	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5700
EUT Model: SLM927
Test distance: 3m

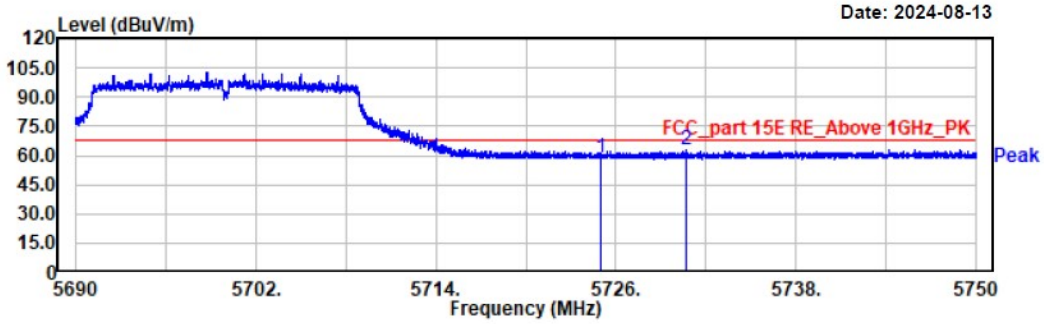
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	21.20	39.27	60.47	68.20	7.73	horizontal	Peak
5736.96	22.93	39.37	62.30	68.20	5.90	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5700
EUT Model: SLM927
Test distance: 3m

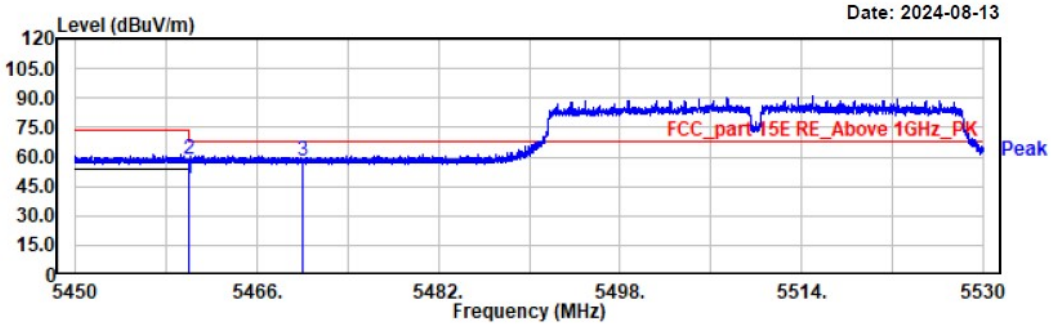
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
5725.00	19.69	39.27	58.96	68.20	9.24	vertical	Peak
5730.64	23.46	39.32	62.78	68.20	5.42	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5510
EUT Model: SLM927
Test distance: 3m

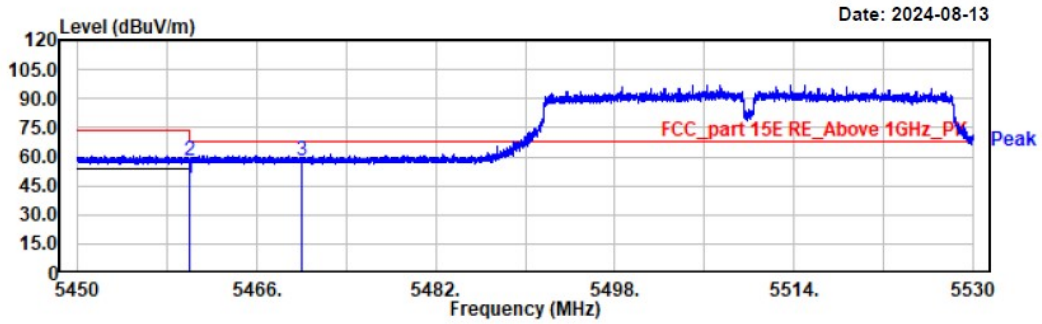
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5459.99	11.47	37.48	48.95	54.00	5.05	horizontal	Average
5459.99	21.03	37.48	58.51	74.00	15.49	horizontal	Peak
5470.00	20.19	37.55	57.74	68.20	10.46	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5510
EUT Model: SLM927
Test distance: 3m

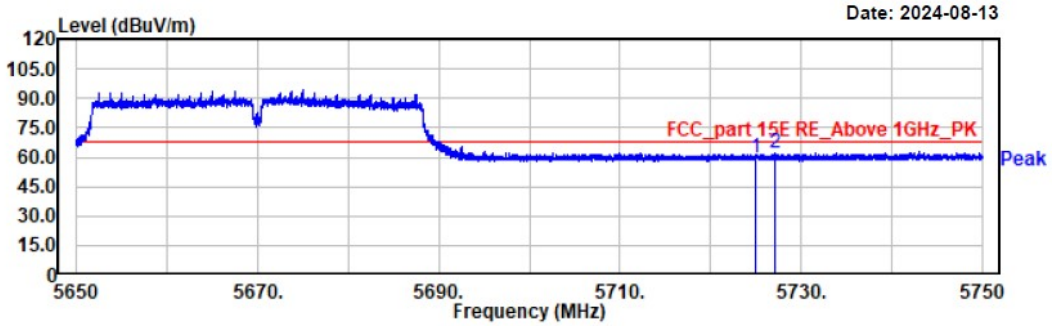
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5459.99	11.38	37.48	48.86	54.00	5.14	vertical	Average
5459.99	20.35	37.48	57.83	74.00	16.17	vertical	Peak
5470.00	20.24	37.55	57.79	68.20	10.41	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5670
EUT Model: SLM927
Test distance: 3m

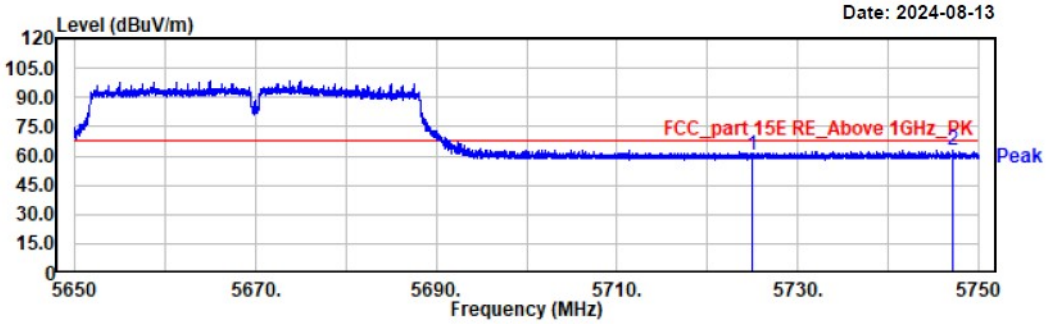
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	20.07	39.27	59.34	68.20	8.86	horizontal	Peak
5727.08	22.83	39.29	62.12	68.20	6.08	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5670
EUT Model: SLM927
Test distance: 3m

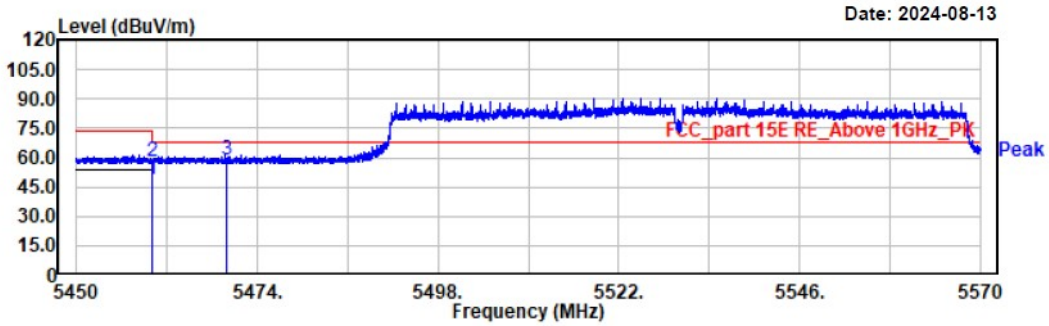
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	21.20	39.27	60.47	68.20	7.73	vertical	Peak
5747.13	23.41	39.45	62.86	68.20	5.34	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5530
EUT Model: SLM927
Test distance: 3m

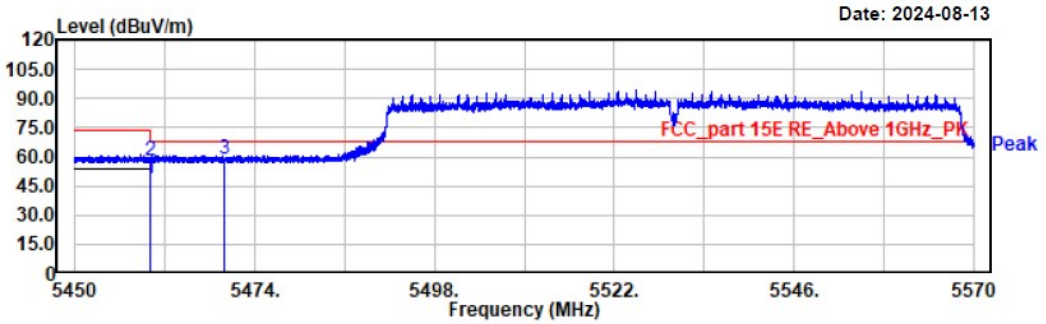
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5460.00	11.76	37.48	49.24	54.00	4.76	horizontal	Average
5460.00	20.58	37.48	58.06	74.00	15.94	horizontal	Peak
5470.00	21.35	37.55	58.90	68.20	9.30	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5530
EUT Model: SLM927
Test distance: 3m

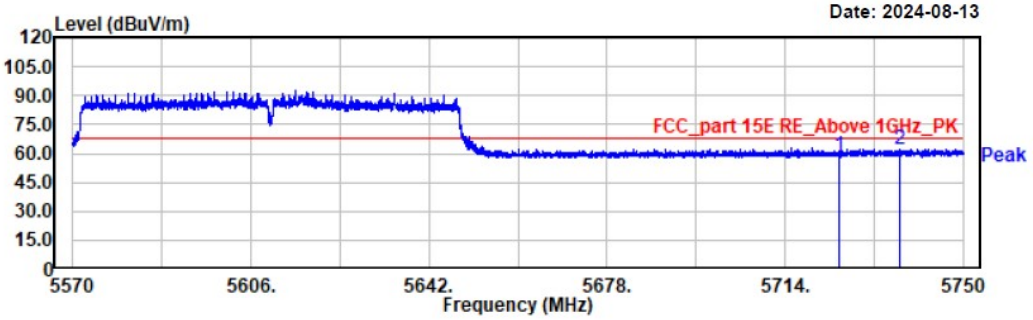
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5460.00	11.37	37.48	48.85	54.00	5.15	vertical	Average
5460.00	20.60	37.48	58.08	74.00	15.92	vertical	Peak
5470.00	21.44	37.55	58.99	68.20	9.21	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5610
EUT Model: SLM927
Test distance: 3m

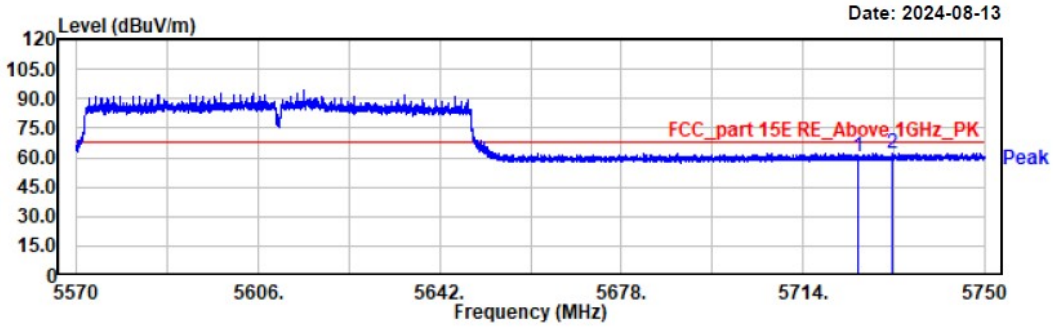
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	19.72	39.27	58.99	68.20	9.21	Horizontal	Peak
5737.02	22.84	39.37	62.21	68.20	5.99	Horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5610
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

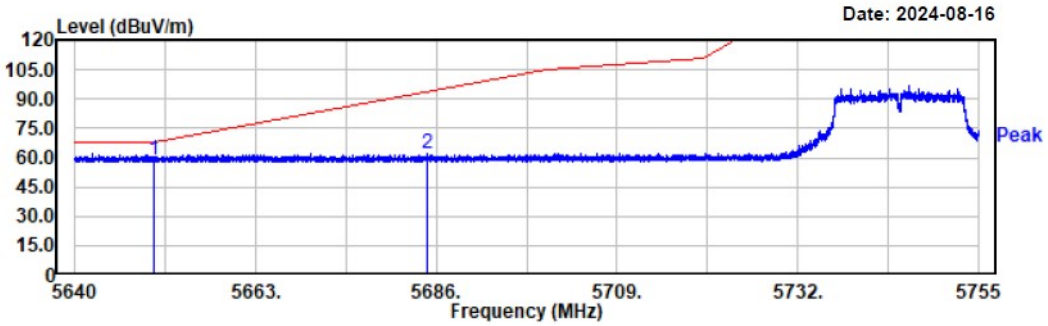


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	20.79	39.27	60.06	68.20	8.14	vertical	Peak
5731.59	22.98	39.33	62.31	68.20	5.89	vertical	Peak

Band4

Project No.: 2407W89604E-RF
Test Mode: 11a-5745
EUT Model: SLM927
Test distance: 3m

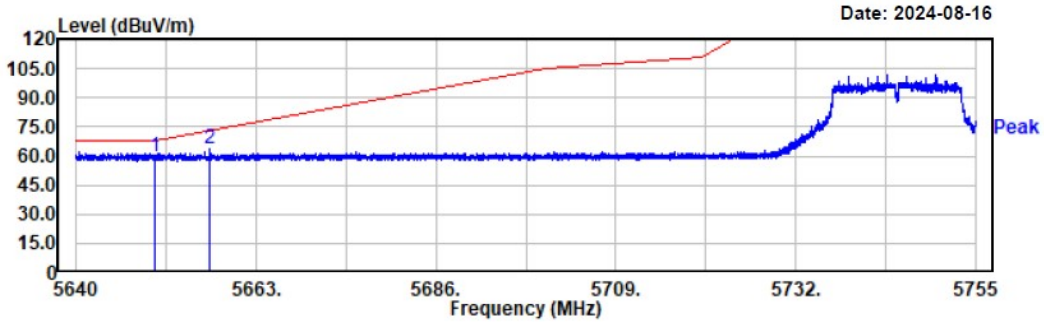
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.01	20.13	38.87	59.00	68.20	9.20	horizontal	Peak
5684.87	22.65	39.01	61.66	94.01	32.35	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11a-5745
EUT Model: SLM927
Test distance: 3m

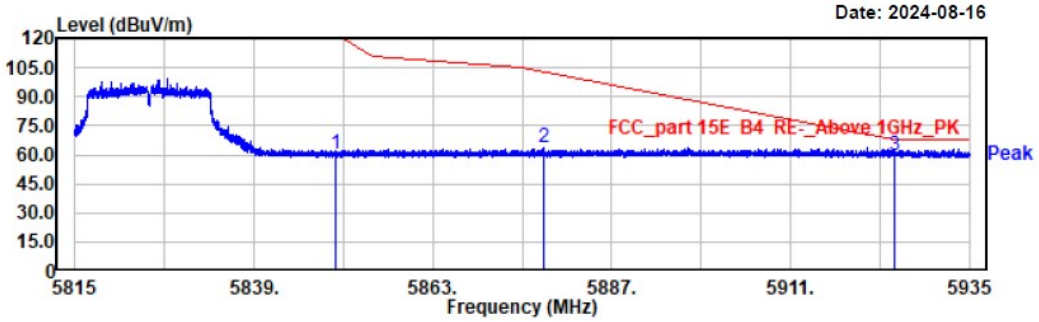
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	20.37	38.87	59.24	68.20	8.96	vertical	Peak
5657.08	24.62	38.89	63.51	73.44	9.93	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11a-5825
EUT Model: SLM927
Test distance: 3m

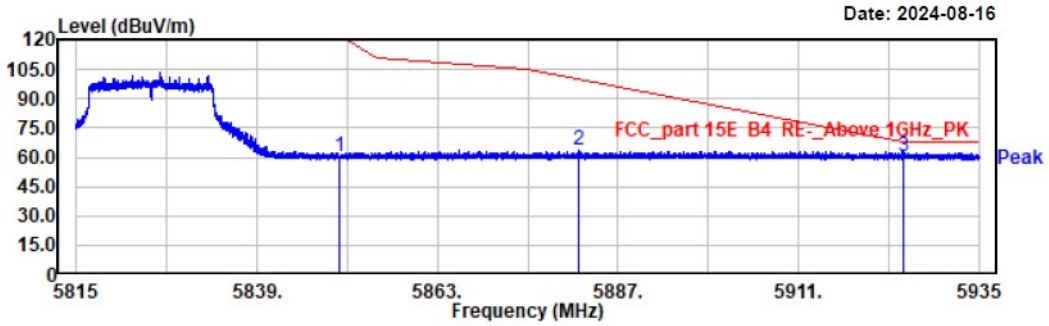
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.00	20.71	39.68	60.39	122.19	61.80	horizontal	Peak
5877.83	23.70	39.91	63.61	103.10	39.49	horizontal	Peak
5925.00	19.73	39.74	59.47	68.20	8.73	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11a-5825
EUT Model: SLM927
Test distance: 3m

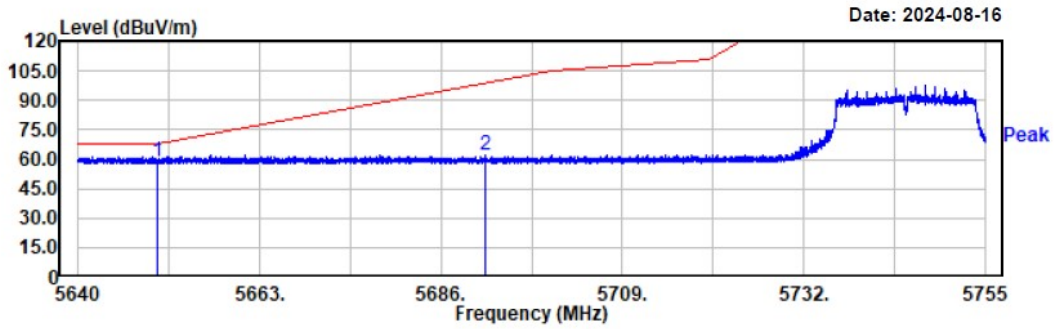
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.00	21.14	39.68	60.82	122.19	61.37	vertical	Peak
5881.74	23.59	39.94	63.53	100.21	36.68	vertical	Peak
5925.00	21.02	39.74	60.76	68.20	7.44	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5745
EUT Model: SLM927
Test distance: 3m

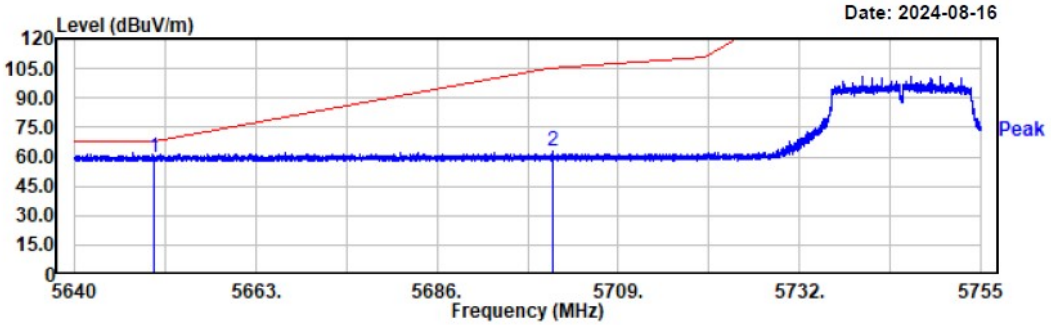
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.01	19.68	38.87	58.55	68.20	9.65	horizontal	Peak
5691.69	23.37	39.03	62.40	99.05	36.65	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5745
EUT Model: SLM927
Test distance: 3m

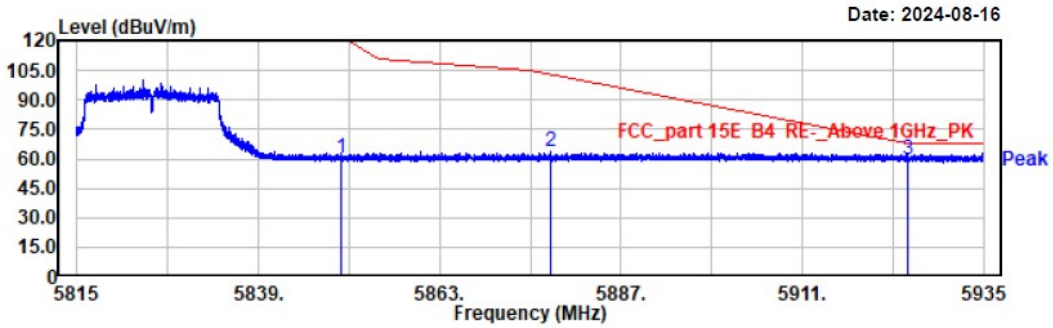
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.01	20.63	38.87	59.50	68.20	8.70	vertical	Peak
5700.65	23.42	39.07	62.49	105.38	42.89	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5825
EUT Model: SLM927
Test distance: 3m

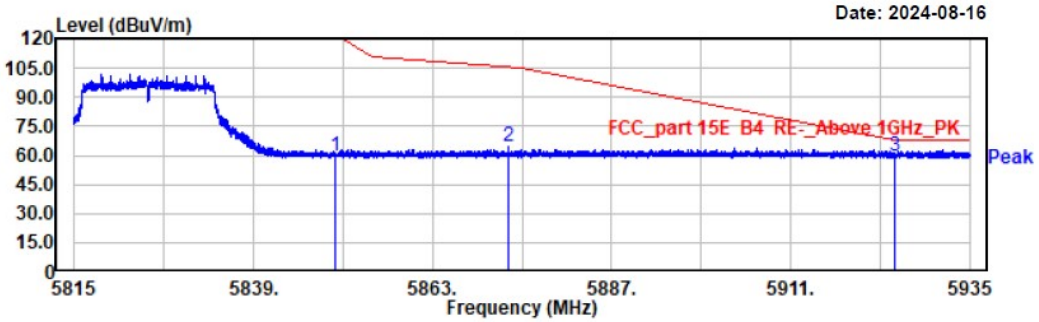
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.00	20.57	39.68	60.25	122.19	61.94	horizontal	Peak
5877.76	23.71	39.91	63.62	103.16	39.54	horizontal	Peak
5925.00	19.84	39.74	59.58	68.20	8.62	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac20-5825
EUT Model: SLM927
Test distance: 3m

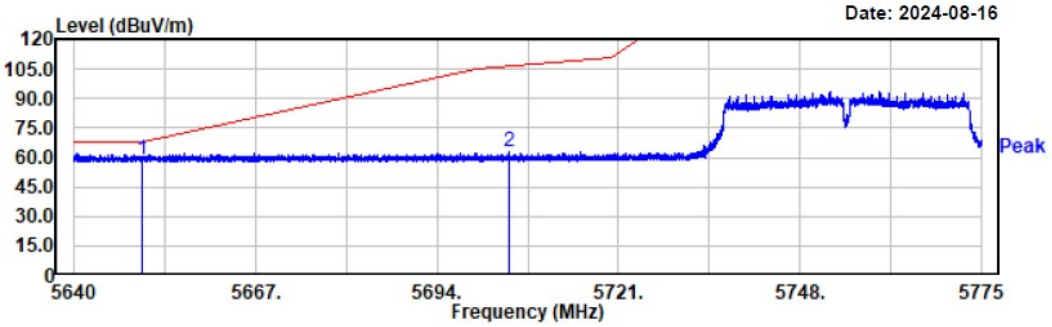
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.00	20.17	39.68	59.85	122.19	62.34	vertical	Peak
5873.20	24.27	39.87	64.14	105.70	41.56	vertical	Peak
5925.00	19.92	39.74	59.66	68.20	8.54	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5755
EUT Model: SLM927
Test distance: 3m

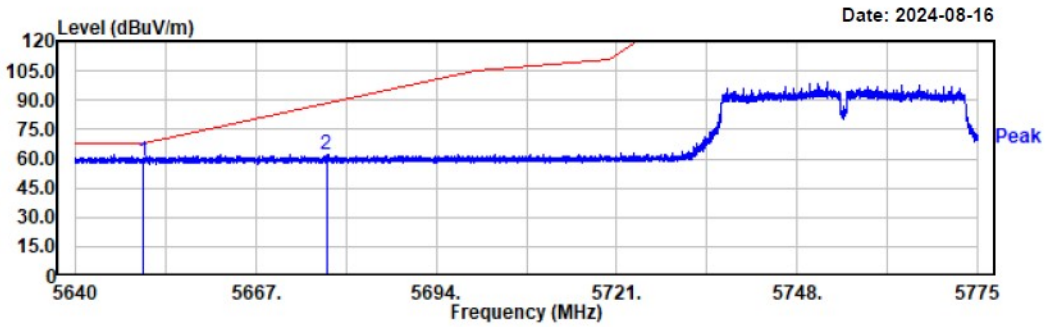
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	19.67	38.87	58.54	68.20	9.66	horizontal	Peak
5704.73	23.48	39.11	62.59	106.53	43.94	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5755
EUT Model: SLM927
Test distance: 3m

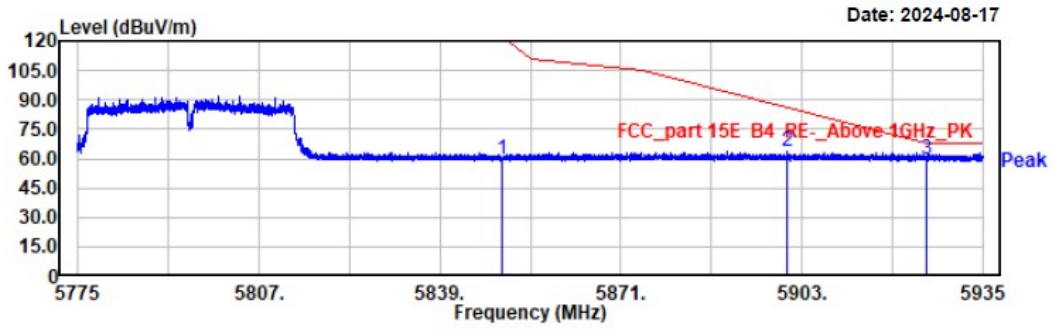
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	19.72	38.87	58.59	68.20	9.61	vertical	Peak
5677.54	23.44	38.99	62.43	88.58	26.15	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5795
EUT Model: SLM927
Test distance: 3m

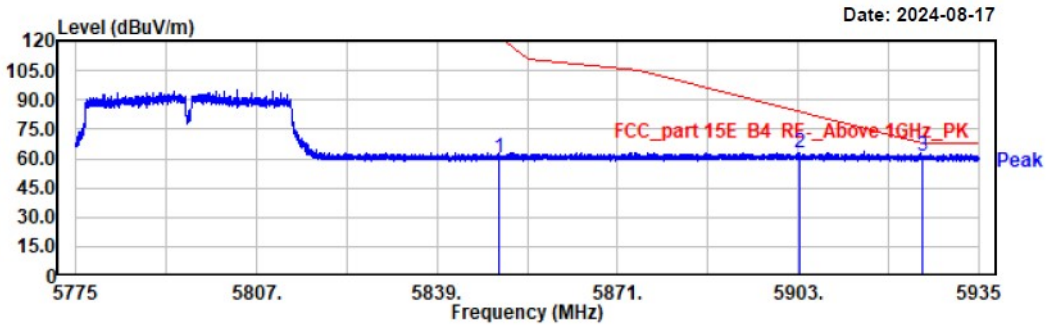
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.01	19.83	39.68	59.51	122.18	62.67	horizontal	Peak
5900.39	23.89	40.07	63.96	86.41	22.45	horizontal	Peak
5925.00	19.60	39.74	59.34	68.20	8.86	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac40-5795
EUT Model: SLM927
Test distance: 3m

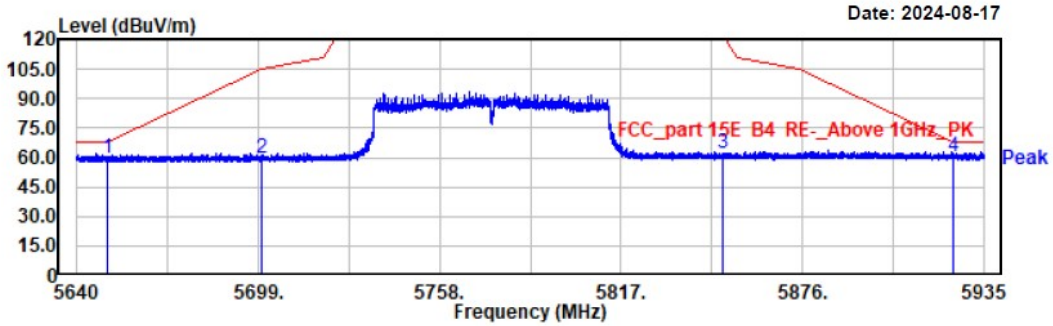
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5850.01	20.54	39.68	60.22	122.18	61.96	vertical	Peak
5903.34	23.04	40.04	63.08	84.23	21.15	vertical	Peak
5925.00	21.22	39.74	60.96	68.20	7.24	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5775
EUT Model: SLM927
Test distance: 3m

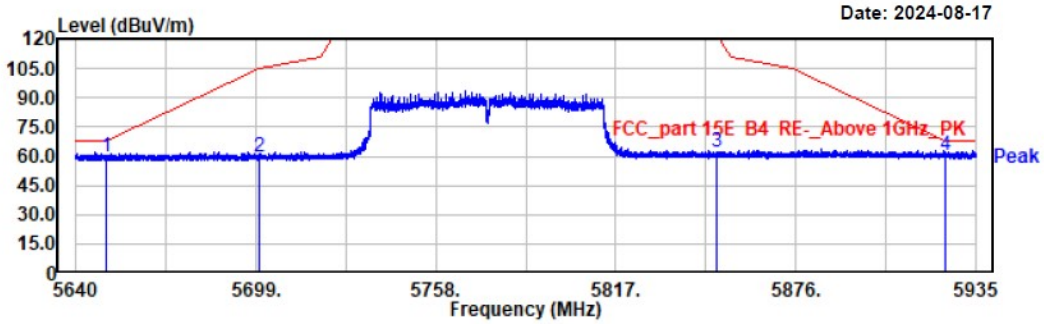
Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	20.49	38.87	59.36	68.20	8.84	vertical	Peak
5700.00	20.50	39.07	59.57	105.20	45.63	vertical	Peak
5850.01	22.21	39.68	61.89	122.18	60.29	vertical	Peak
5925.00	20.41	39.74	60.15	68.20	8.05	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 11ac80-5775
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 23.9℃/60%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	20.49	38.87	59.36	68.20	8.84	vertical	Peak
5700.00	20.50	39.07	59.57	105.20	45.63	vertical	Peak
5850.01	22.21	39.68	61.89	122.18	60.29	vertical	Peak
5925.00	20.41	39.74	60.15	68.20	8.05	vertical	Peak

FCC §15.407(a) – SPOT CHECK WITH MAXIMUM CONDUCTED OUTPUT POWER

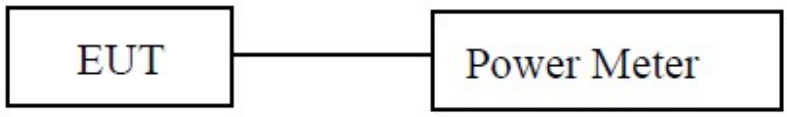
Applicable Standard

FCC §15.407(a) (1)(iv)
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (2)
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (3)(i)
For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-topoint U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, pointto-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

EUT Setup



Test Procedure

According to ANSI C63.10-2013 Section 12.3.3.1

Method PM-G is measurement using a gated RF average power meter.

Measurements may be performed using a wideband gated RF power meter provided that the gate
parameters are adjusted such that the power is measured only when the EUT is transmitting at its
maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required

Test Data

Test mode	Band	Frequency (MHz)	Average Conducted Output Power (dBm)	Limit (dBm)	Result
802.11a	5150-5250 MHz	5180	15.18	24	PASS
		5200	15.10	24	PASS
		5240	14.89	24	PASS
802.11ac20	5150-5250 MHz	5180	15.02	24	PASS
		5200	14.96	24	PASS
		5240	14.88	24	PASS
802.11ac40	5150-5250 MHz	5190	13.24	24	PASS
		5230	13.86	24	PASS
802.11ac80	5150-5250 MHz	5210	11.82	24	PASS

Note: The maximum antenna gain is 0.96 dBi.

Test mode	Band	Frequency (MHz)	Average Conducted Output Power (dBm)	Limit (dBm)	Result
802.11a	5250-5350 MHz	5260	14.75	24	PASS
		5300	15.13	24	PASS
		5320	14.75	24	PASS
802.11ac20	5250-5350 MHz	5260	14.75	24	PASS
		5300	14.92	24	PASS
		5320	14.72	24	PASS
802.11ac40	5250-5350 MHz	5300	14.13	24	PASS
		5320	12.55	24	PASS
802.11ac80	5250-5350 MHz	5290	11.97	24	PASS

Note: The maximum antenna gain is 0.74 dBi.

Test mode	Band	Frequency (MHz)	Average Conducted Output Power (dBm)	Limit (dBm)	Result
802.11a	5470-5725 MHz	5500	15.13	24	PASS
		5580	14.56	24	PASS
		5700	15.01	24	PASS
		5720	15.02	24	PASS
802.11ac20	5470-5725 MHz	5500	15.10	24	PASS
		5580	14.68	24	PASS
		5700	13.55	24	PASS
		5720	14.63	24	PASS
802.11ac40	5470-5725 MHz	5510	13.62	24	PASS
		5550	14.08	24	PASS
		5670	14.32	24	PASS
		5710	14.29	24	PASS
802.11ac80	5470-5725 MHz	5530	11.82	24	PASS
		5610	11.26	24	PASS
		5690	11.72	24	PASS

Note: The maximum antenna gain is 0.95dBi.

Test mode	Band	Frequency (MHz)	Average Conducted Output Power (dBm)	Limit (dBm)	Result
802.11a	5725-5850 MHz	5745	15.20	30	PASS
		5785	15.13	30	PASS
		5825	14.76	30	PASS
802.11ac20	5725-5850 MHz	5745	15.02	30	PASS
		5785	15.10	30	PASS
		5825	15.23	30	PASS
802.11ac40	5725-5850 MHz	5755	14.03	30	PASS
		5795	13.61	30	PASS
802.11ac80	5725-5850 MHz	5775	11.42	30	PASS

Note: The maximum antenna gain is 0.95dBi.

EUT PHOTOGRAPHS

Please refer to the attachment 2407W89604E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2407W89604E-RF-INP EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2407W89604E-RF-TSP-03 SETUP PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk "★".

2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.

3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.

4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k=2 with the 95% confidence interval.

5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).

6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

******* END OF REPORT *******