

FCC PART 15B

TEST REPORT

For

SZ DJI TECHNOLOGY CO., LTD

14th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave,
Nanshan, Shenzhen, Guangdong, China

FCC ID: SS3-GL300K1801

Report Type: Original Report	Product Type: C1
Report Number:	RDG180206002-00C
Report Date:	2018-03-20
Reviewed By:	Jerry Zhang EMC Manager <i>Jerry Zhang</i>
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA* or any agency of the Federal Government. * This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk

“*”

Table of Contents

General Information	3
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	3
OBJECTIVE	3
RELATED SUBMITTAL(S)/GRANT(S)	3
TEST METHODOLOGY	3
MEASUREMENT UNCERTAINTY	3
TEST FACILITY	4
System Test Configuration	5
DESCRIPTION OF TEST CONFIGURATION	5
EQUIPMENT MODIFICATIONS	5
EUT EXERCISE SOFTWARE	5
SUPPORT EQUIPMENT LIST AND DETAILS	5
SUPPORT CABLE LIST AND DETAILS	5
BLOCK DIAGRAM OF TEST SETUP	6
TEST EQUIPMENT LIST	7
ENVIRONMENTAL CONDITIONS	8
Summary of Test Results	9
1 – Conducted emissions	10
EUT SETUP	10
EMI TEST RECEIVER SETUP	10
TEST PROCEDURE	10
CORRECTED AMPLITUDE & MARGIN CALCULATION	11
TEST DATA	11
2 – Radiated emissions	16
EUT SETUP	16
EMI TEST RECEIVER SETUP	17
TEST PROCEDURE	17
CORRECTED AMPLITUDE & MARGIN CALCULATION	17
TEST DATA	18

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:	C1
EUT Model:	GL300K
FCC ID:	SS3-GL300K1801
Adapter	Model:PH4C 100 Input:AC100-240V,1.4A,50-60Hz Output: DC 17.5V, 5.7A(total);17.5V,0-2A(output 1); 17.5V,0-5.7A(output 2)
Rated Input Voltage:	DC 7.4V from battery or DC 17.5V from charger
External Dimension:	18.2cm(L)*17.2cm(W)*13.2cm(H)
Serial Number:	180206002
EUT Received Date:	2018.02.06
The Highest Operation Frequency:	5846.5MHz

Objective

This report is prepared on behalf of *SZ DJI TECHNOLOGY CO., LTD* in accordance with FCC Part 15B Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules.

The objective of the manufacturer is to determine the compliance of EUT with FCC Part 15 B Class B.

Related Submittal(s)/Grant(s)

FCC submissions with Part 15C DTS, FCC ID: SS3-GL300K1801.

FCC submissions with Part 15E NII, FCC ID: SS3-GL300K1801

Part of system submissions with FCC ID: SS3-WM331S1801.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

Measurement Uncertainty

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical 1G~6GHz: 4.45 dB, 6G~26.5GHz: 5.23 dB
Temperature	±1 °C
Humidity	±5%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218,the FCC Designation No. : CN1220.

The test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in typical use condition:

Test mode 1: Charging and Operating

In this mode, the device received the video from the aircraft and play in both EUT and monitor. The EUT and Aircraft's battery was charging by the adapter

Test Mode 2: downloading

In this mode, the Laptop was downloading data form EUT and TF card.

Equipment Modifications

No modification was made to the EUT.

EUT Exercise Software

The software "DjiRfCertConsole_V1.3.0.51" and "Withrax" were used during test.

Support Equipment List and Details

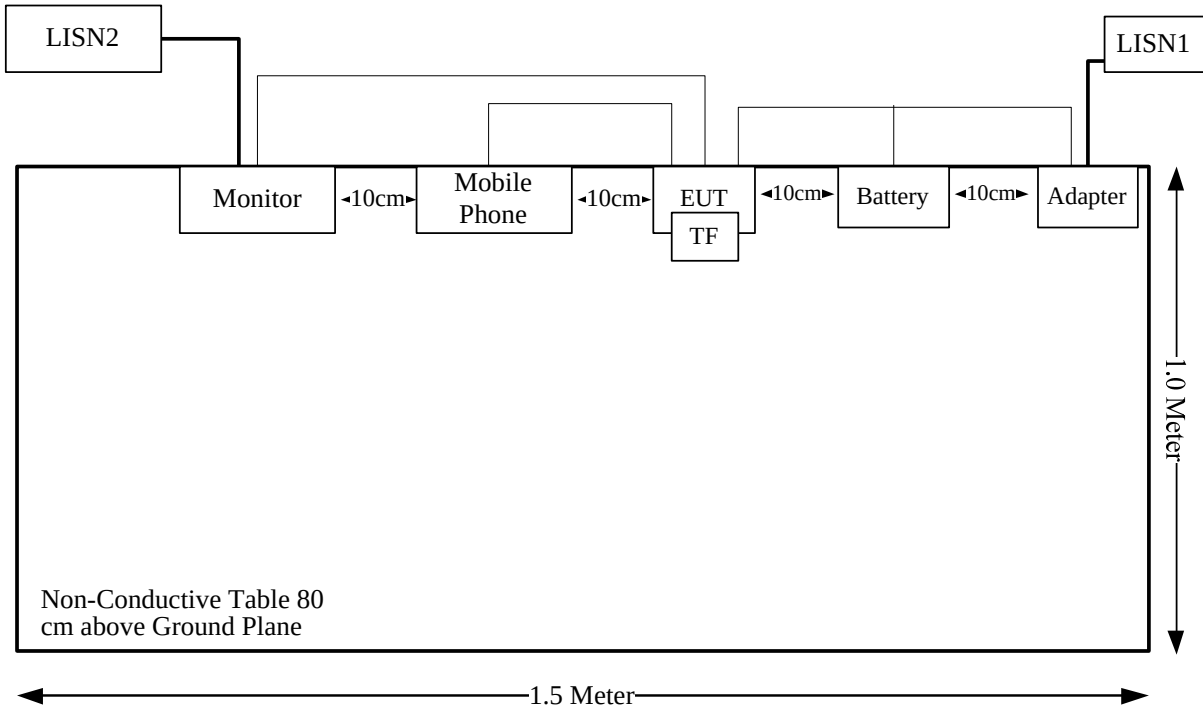
Manufacturer	Description	Model	Serial Number
Xiaomi	Mobile Phone	MI4	DYS12376327
DJI	Battery	PH4-5870mAh-15.2A	N/A
SAMSUNG	Monitor	S22C330H	ZXDCHTHD101491K
SANDISK	SD Card	8G	N/A
DELL	Laptop	PP11L	QDS-BRCM1017
HP	Printer	C3941A	JPTVOB2337
DELL	Keyboard	SK-8115	CN-0DJ313-716716-05A-0DSO
SAST	Modem	AEM-2100	090200213

Support Cable List and Details

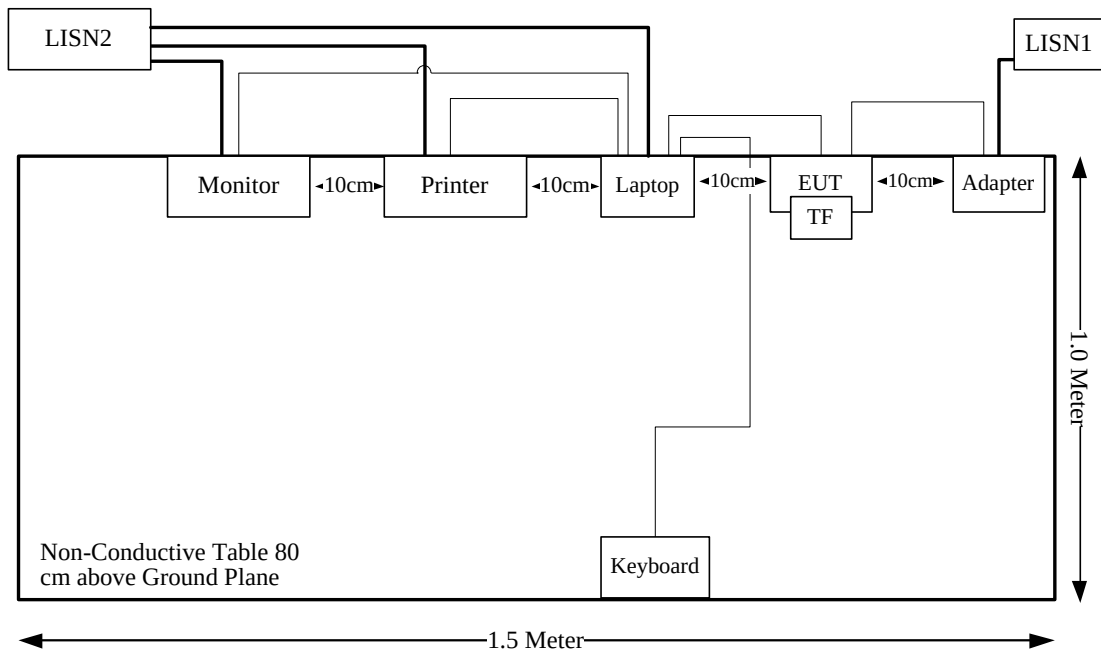
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Serial Cable	Yes	No	1.2	Serial Port of Laptop	Modem
Keyboard Cable	Yes	No	1.8	USB Port of Laptop	Keyboard
USB Cable	Yes	No	0.5	USB Port of Laptop	EUT
Earphone Cable	No	No	1.1	EUT	Earphone
USB Cable	Yes	No	1.2	USB Port of EUT	Mobile Phone
HDMI Cable	Yes	Yes	1.0	EUT	Monitor
USB Cable	Yes	No	1.0	EUT	Mobile Phone

Block Diagram of Test Setup

Test Mode 1:



Test Mode 2:



Test Equipment List

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCS 30	830245/006	2017-12-11	2018-12-11
N/A	Coaxial Cable	C-NJNJ-50	C-0200-01	2017-09-05	2018-09-05
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A
R&S	Two-line V-network	ENV 216	101614	2017-12-08	2018-12-08
R&S	L.I.S.N	ESH2-Z5	892107/021	2017-09-25	2018-09-25
R&S	EMI Test Receiver	ESCI	100035	2017-08-04	2018-08-04
Sunol Sciences	Antenna	JB3	A060611-3	2017-07-21	2019-07-21
HP	Amplifier	8447F	2443A01912	2017-09-05	2018-09-05
N/A	Coaxial Cable	C-NJNJ-50	C-0400-02	2017-09-05	2018-09-05
N/A	Coaxial Cable	C-NJNJ-50	C-0075-02	2017-09-05	2018-09-05
N/A	Coaxial Cable	C-NJNJ-50	C-2200-01	2017-09-05	2018-09-05
R&S	Spectrum Analyzer	FSEM	831259/019	2017-07-18	2018-07-18
TDK RF	Horn Antenna	HRN-0118	130 084	2016-01-05	2019-01-04
N/A	Coaxial Cable	C-2.4J2.4J-50	C-0700-01	2017-06-27	2018-06-27
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2017-09-05	2018-09-05
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2017-06-16	2020-06-15
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2016-11-18	2019-11-18
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2017-06-27	2018-06-27
unknown	Coaxial Cable	8m	C0800/01	2017-09-05	2018-09-05
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
Chengdu OuLi	Bandrejector Filter	5725-5850	005	2017-09-05	2018-09-05
arad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Environmental Conditions

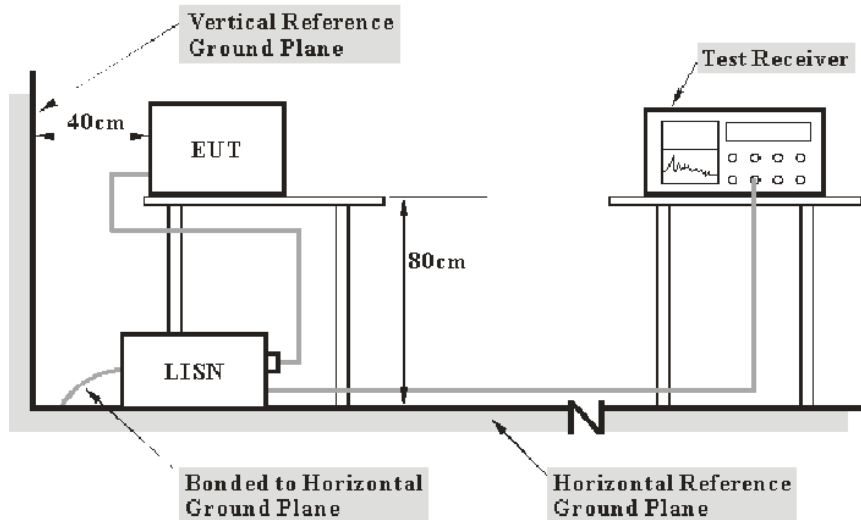
Temperature:	24~ 27°C
Relative Humidity:	30~65 %*
ATM Pressure:	100~101 kPa
Tester:	Loren Zhong
Test Date:	2018.2.26-2018.3.5

SUMMARY OF TEST RESULTS

Rule and Clause	Description of Test	Test Result
FCC §15.107	Conducted emissions	Compliance
FCC §15.109	Radiated emissions	Compliance

1 - CONDUCTED EMISSIONS

EUT Setup



Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the PC was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:

Corr. = Cable loss + Factor of coupling device

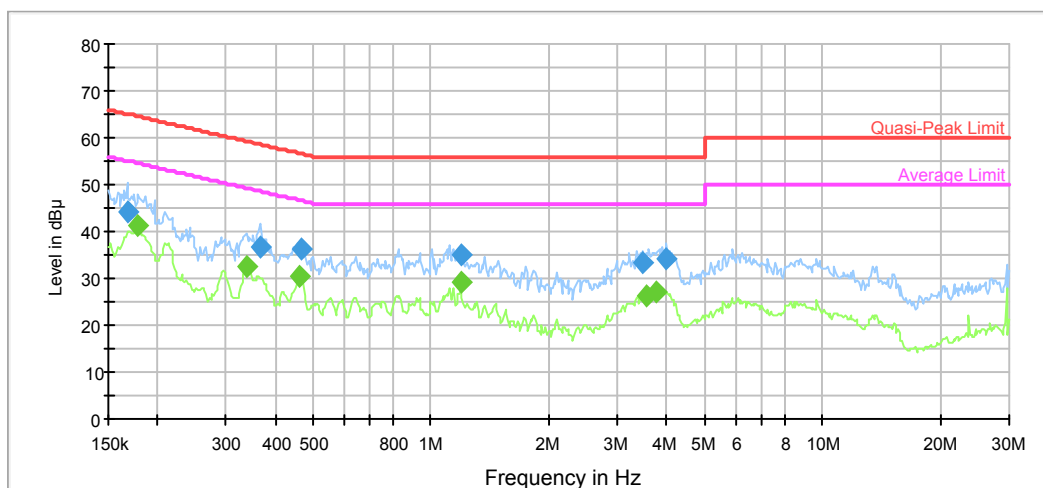
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum limit. The equation for margin calculation is as follows:

Margin = Limit – Result

Test Data

Please refer to following table and plots:

Model Number: GL300K
Port: L
Test Mode: Charging and Operating
Power Source: AC 120V/60Hz



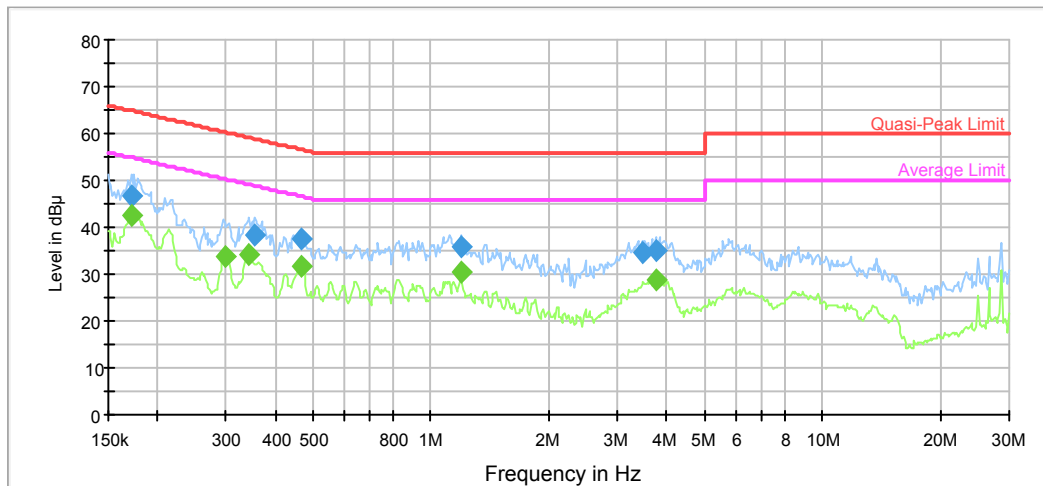
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.167702	44.4	9.000	L1	10.9	20.7	65.1
0.366160	36.8	9.000	L1	10.0	21.8	58.6
0.468757	36.3	9.000	L1	9.9	20.3	56.5
1.190776	35.2	9.000	L1	9.8	20.8	56.0
3.491417	33.2	9.000	L1	9.8	22.8	56.0
3.997889	34.2	9.000	L1	9.8	21.8	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.178741	41.1	9.000	L1	10.8	13.4	54.5
0.338116	32.4	9.000	L1	10.1	16.8	49.2
0.461346	30.5	9.000	L1	9.9	16.2	46.7
1.190776	29.1	9.000	L1	9.8	16.9	46.0
3.547503	26.2	9.000	L1	9.8	19.8	46.0
3.750995	27.1	9.000	L1	9.8	18.9	46.0

Model Number: GL300K
Port: N
Test Mode: Charging and Operating
Power Source: AC 120V/60Hz



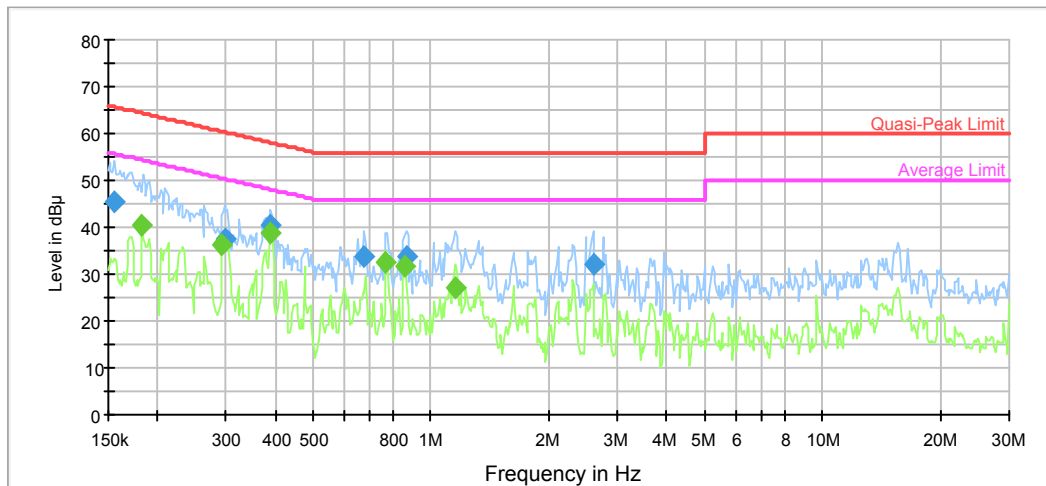
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.171759	46.5	9.000	N	10.9	18.4	64.9
0.354674	38.3	9.000	N	10.0	20.6	58.9
0.468757	37.3	9.000	N	9.9	19.2	56.5
1.190776	35.9	9.000	N	9.8	20.1	56.0
3.463707	34.4	9.000	N	9.8	21.6	56.0
3.750995	35.1	9.000	N	9.8	20.9	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.171759	42.5	9.000	N	10.9	12.4	54.9
0.297644	33.6	9.000	N	10.2	16.7	50.3
0.343548	34.0	9.000	N	10.1	15.1	49.1
0.465037	31.7	9.000	N	9.9	14.9	46.6
1.190776	30.3	9.000	N	9.8	15.7	46.0
3.750995	28.8	9.000	N	9.8	17.2	46.0

Model Number: GL300K
Port: L
Test Mode: Downloading
Power Source: AC 120V/60Hz



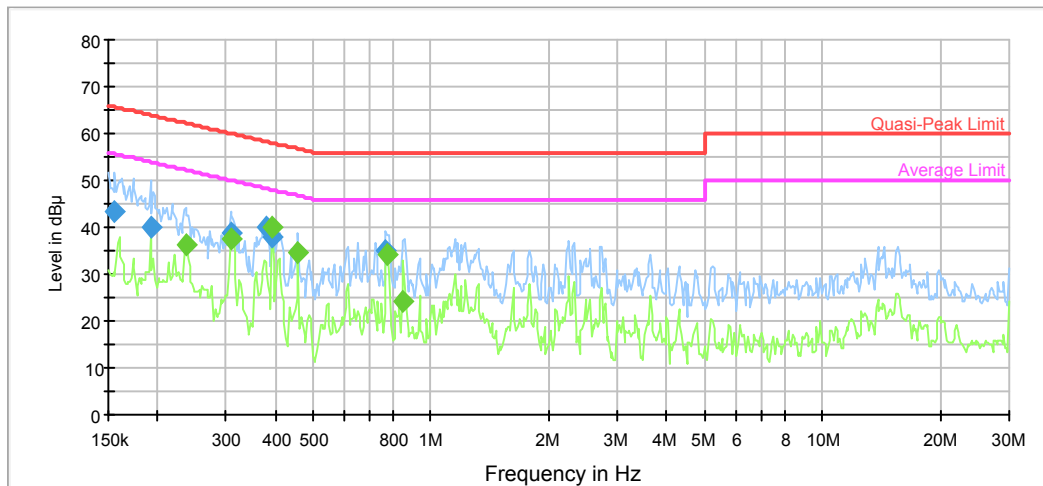
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.156097	45.4	9.000	L1	11.1	20.3	65.7
0.297644	37.5	9.000	L1	10.2	22.8	60.3
0.390261	40.3	9.000	L1	10.0	17.8	58.1
0.676289	33.6	9.000	L1	9.8	22.4	56.0
0.865782	33.6	9.000	L1	9.8	22.4	56.0
2.599932	31.9	9.000	L1	9.8	24.1	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.183065	40.4	9.000	L1	10.8	13.9	54.3
0.292938	36.3	9.000	L1	10.2	14.2	50.4
0.390261	38.9	9.000	L1	10.0	9.2	48.1
0.768247	32.5	9.000	L1	9.8	13.5	46.0
0.858911	31.5	9.000	L1	9.8	14.5	46.0
1.153421	27.0	9.000	L1	9.8	19.0	46.0

Model Number: GL300K
Port: N
Test Mode: Downloading
Power Source: AC 120V/60Hz



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.156097	43.3	9.000	N	11.1	22.4	65.7
0.192030	40.0	9.000	N	10.7	23.9	63.9
0.307284	38.7	9.000	N	10.1	21.3	60.0
0.378019	40.1	9.000	N	10.0	18.2	58.3
0.393383	37.9	9.000	N	10.0	20.1	58.0
0.768247	35.2	9.000	N	9.8	20.8	56.0

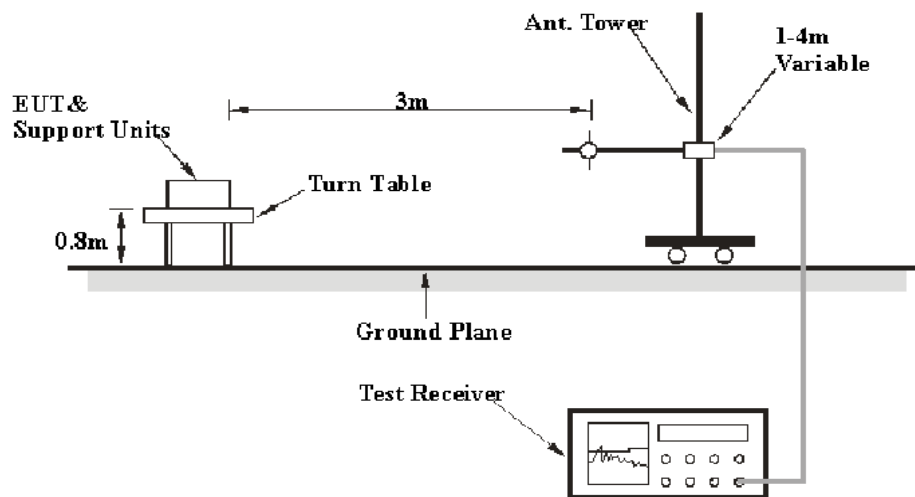
Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.236234	36.3	9.000	N	10.4	15.9	52.2
0.309742	37.5	9.000	N	10.1	12.5	50.0
0.393383	40.0	9.000	N	10.0	8.0	48.0
0.457684	34.5	9.000	N	9.9	12.2	46.7
0.774393	34.2	9.000	N	9.8	11.8	46.0
0.852094	24.3	9.000	N	9.8	21.7	46.0

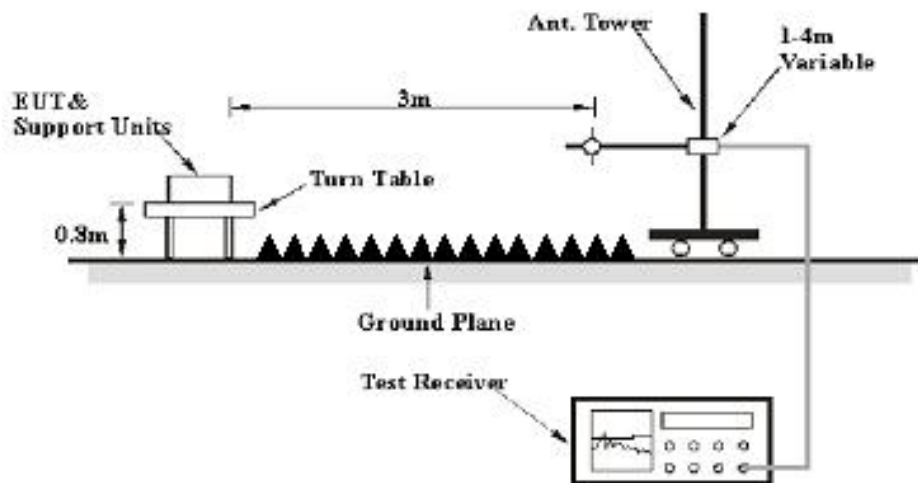
2 - RADIATED EMISSIONS

EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed at the 3 meters distance, above 1GHz were performed at the 3 meters, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 40 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	10Hz	/	AVG

Test Procedure

During the radiated emissions, the adapter of laptop was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Meter Reading+ Corrected

Note:

Corrected = Antenna Factor + Cable Loss - Amplifier Gain

or

Corrected = Antenna Factor + Cable Loss + Insertion loss of attenuator - Amplifier Gain

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

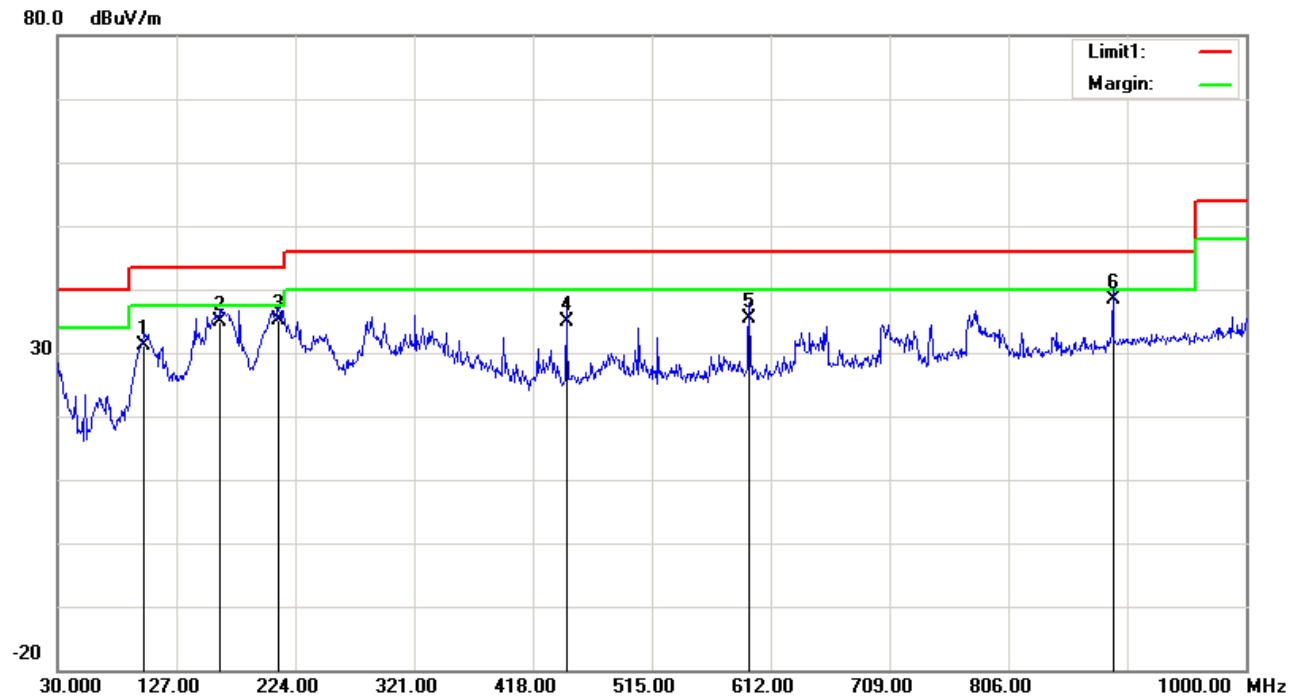
$$\text{Margin} = \text{Limit} - \text{Result}$$

Test Data

Please refer to following table and plots:

Condition: FCC Class B 3M Radiation
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

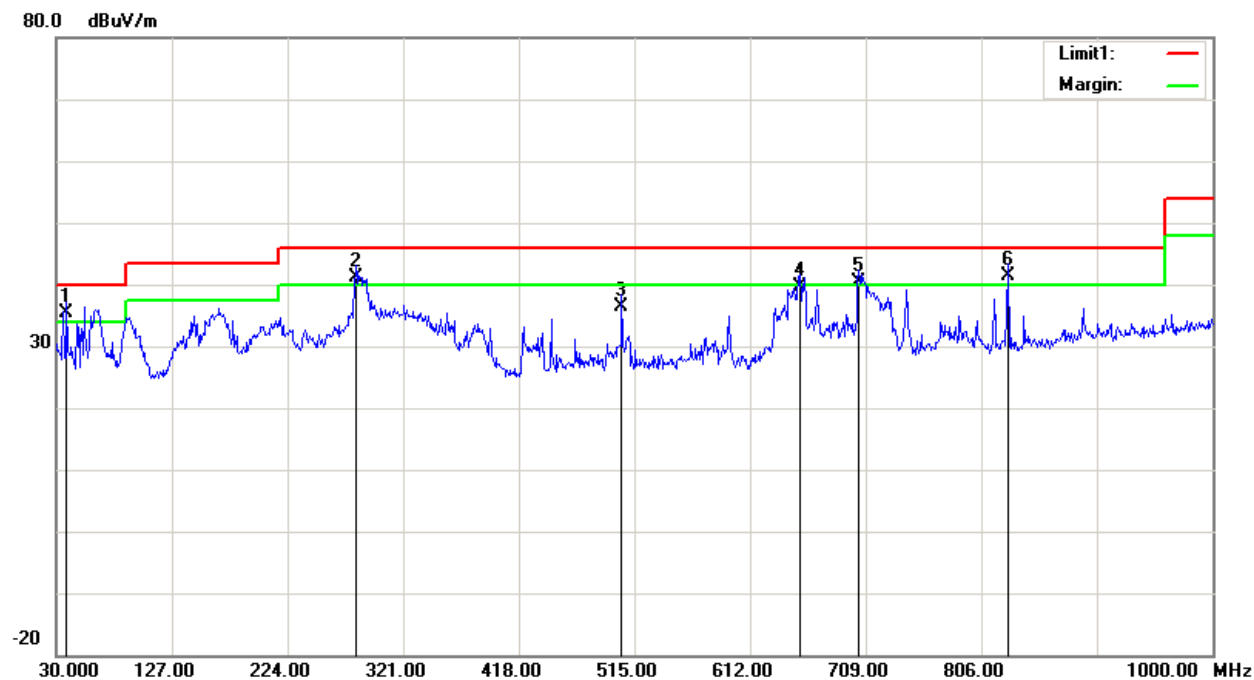
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	100.8100	39.21	QP	-8.01	31.20	43.50	12.30
2	162.8900	41.65	QP	-6.85	34.80	43.50	8.70
3	210.4200	42.63	QP	-7.43	35.20	43.50	8.30
4	445.1600	36.47	QP	-1.57	34.90	46.00	11.10
5	594.5400	35.22	QP	0.18	35.40	46.00	10.60
6	891.3600	32.72	QP	5.58	38.30	46.00	7.70

Condition: FCC Class B 3M Radiation
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

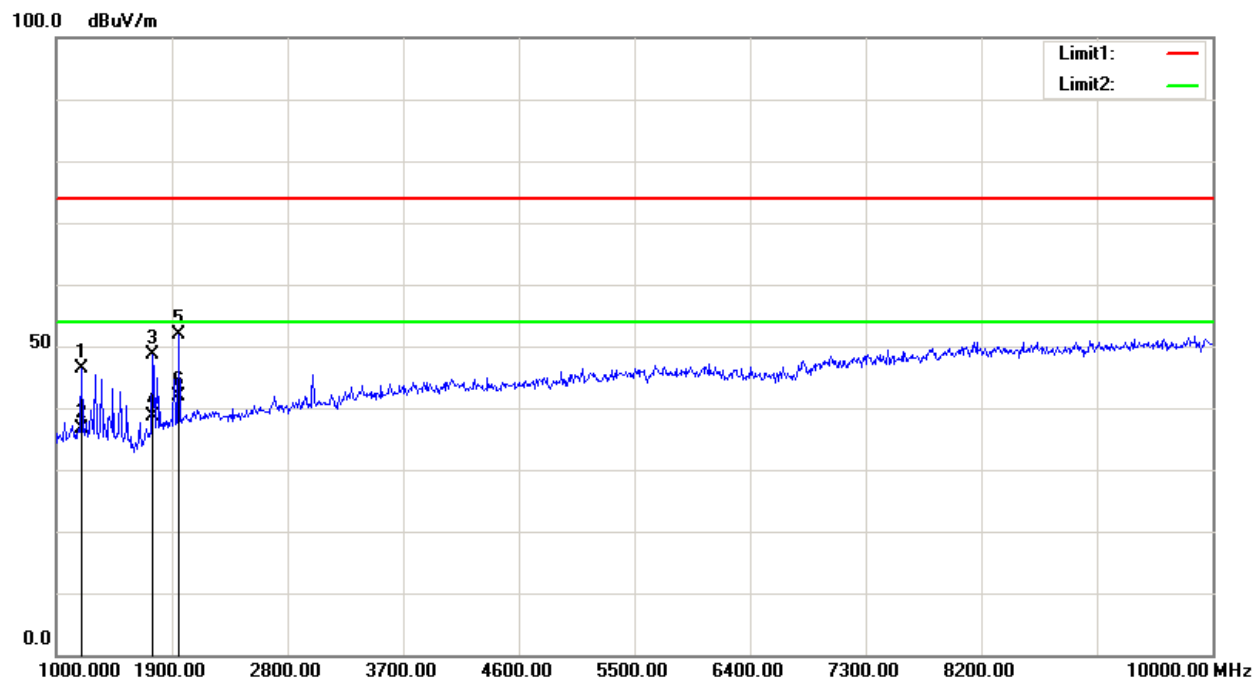
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	38.7300	40.67	QP	-5.37	35.30	40.00	4.70
2	281.2300	44.83	QP	-3.63	41.20	46.00	4.80
3	504.3300	37.31	QP	-0.91	36.40	46.00	9.60
4	653.7100	38.04	QP	1.56	39.60	46.00	6.40
5	703.1800	37.61	QP	2.69	40.30	46.00	5.70
6	828.3100	37.15	QP	4.25	41.40	46.00	4.60

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

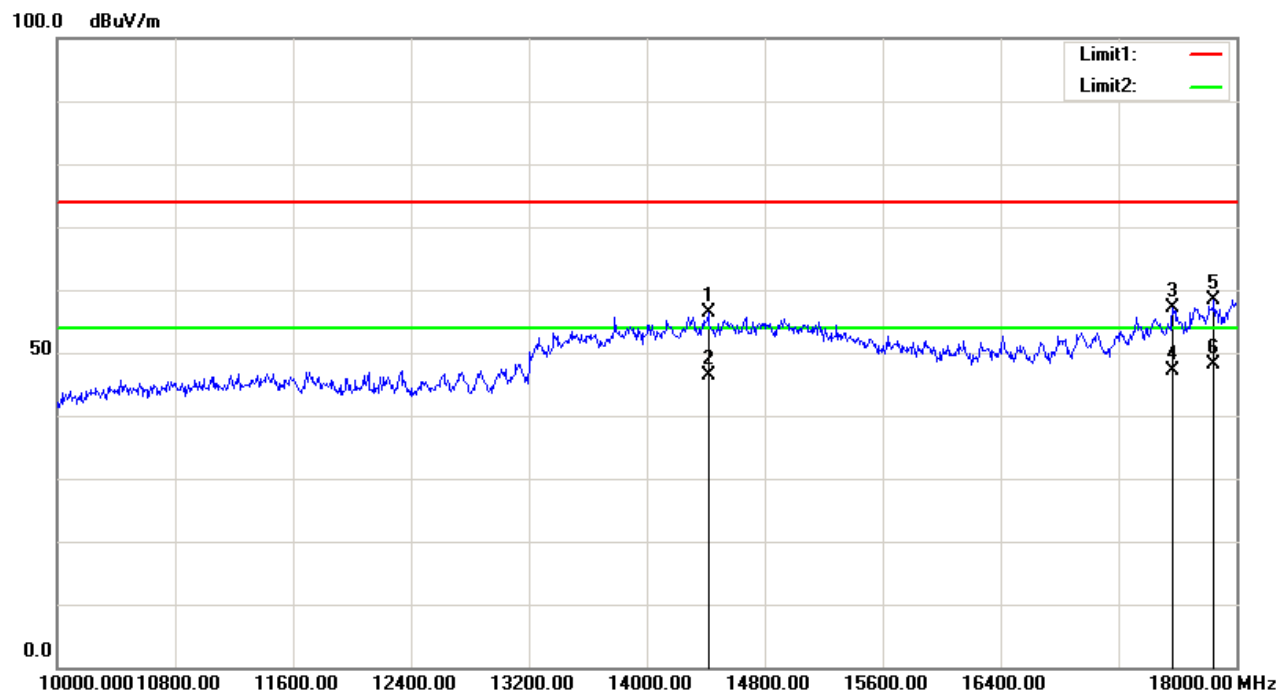
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	1198.000	56.38	peak	-9.97	46.41	74.00	27.59
2	1198.000	46.52	AVG	-9.97	36.55	54.00	17.45
3	1747.000	56.71	peak	-8.14	48.57	74.00	25.43
4	1747.000	46.65	AVG	-8.14	38.51	54.00	15.49
5	1954.000	59.33	peak	-7.34	51.99	74.00	22.01
6	1954.000	49.15	AVG	-7.34	41.81	54.00	12.19

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

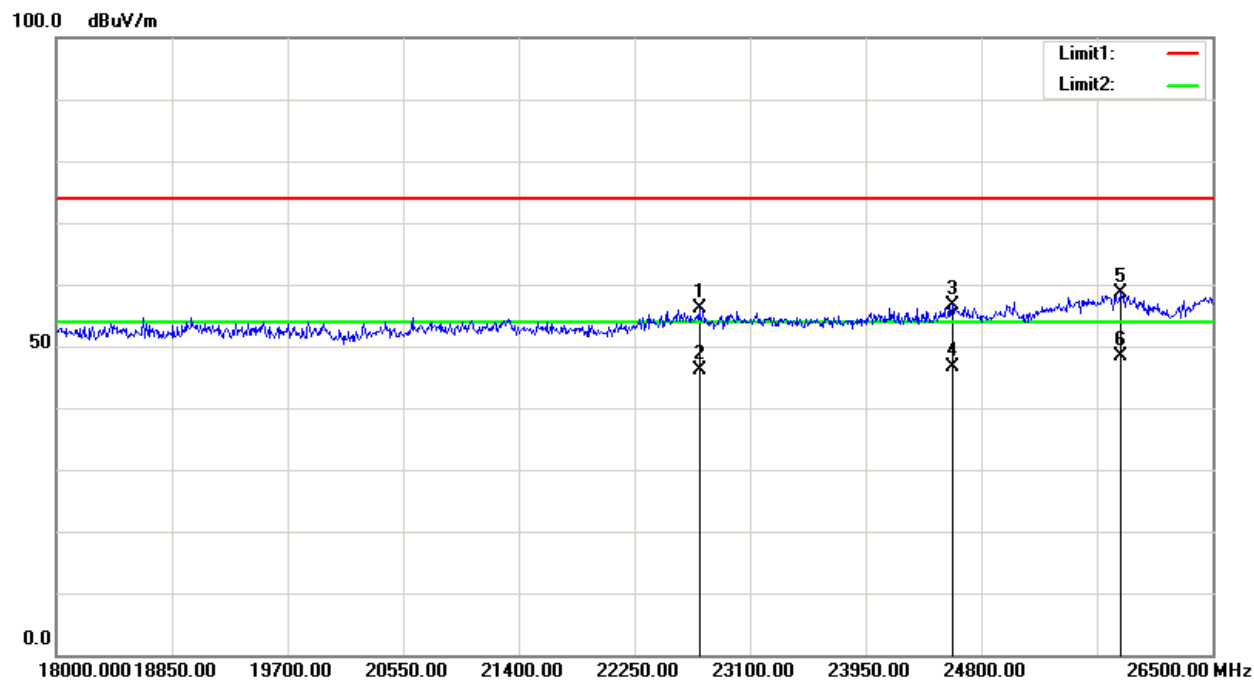
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	14420.000	46.15	peak	10.15	56.30	74.00	17.70
2	14420.000	36.24	AVG	10.15	46.39	54.00	7.61
3	17572.000	43.05	peak	14.05	57.10	74.00	16.90
4	17572.000	33.17	AVG	14.05	47.22	54.00	6.78
5	17852.000	42.26	peak	16.07	58.33	74.00	15.67
6	17852.000	32.14	AVG	16.07	48.21	54.00	5.79

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

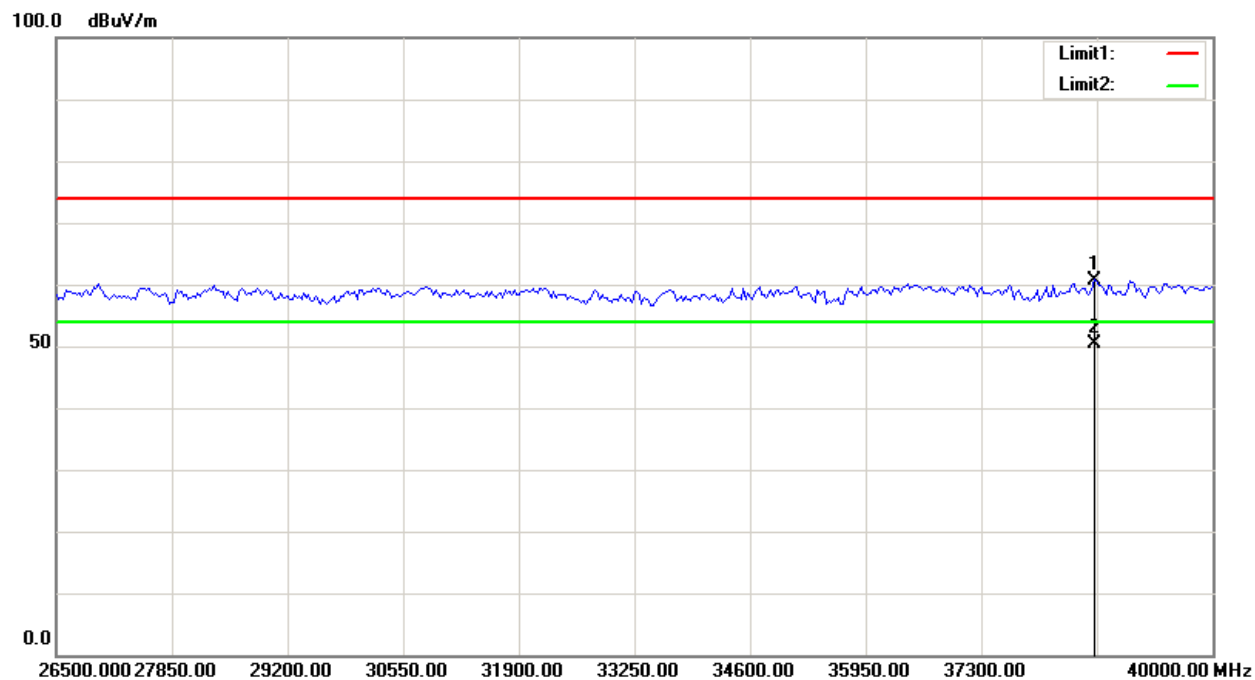
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	22730.250	56.15	peak	0.00	56.15	74.00	17.85
2	22730.250	46.23	AVG	0.00	46.23	54.00	7.77
3	24587.500	56.74	peak	0.00	56.74	74.00	17.26
4	24587.500	46.52	AVG	0.00	46.52	54.00	7.48
5	25832.750	58.59	peak	0.00	58.59	74.00	15.41
6	25832.750	48.36	AVG	0.00	48.36	54.00	5.64

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

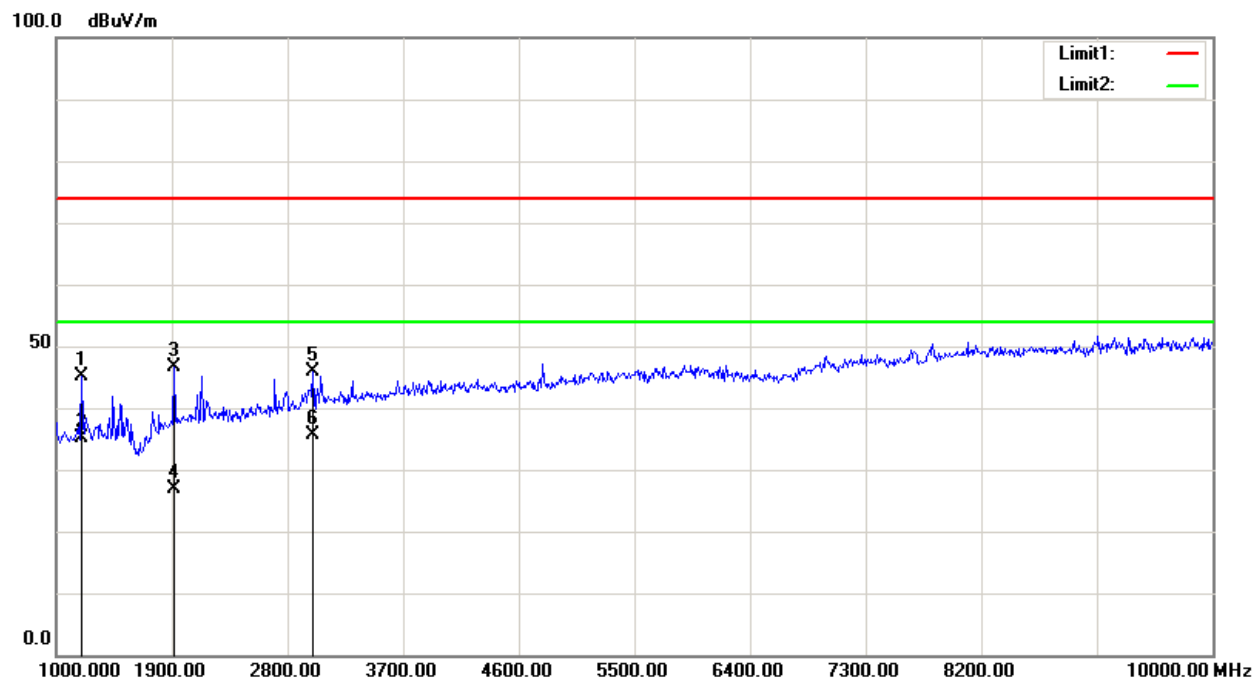
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	38623.000	60.67	peak	0.00	60.67	74.00	13.33
2	38623.000	50.26	AVG	0.00	50.26	54.00	3.74

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

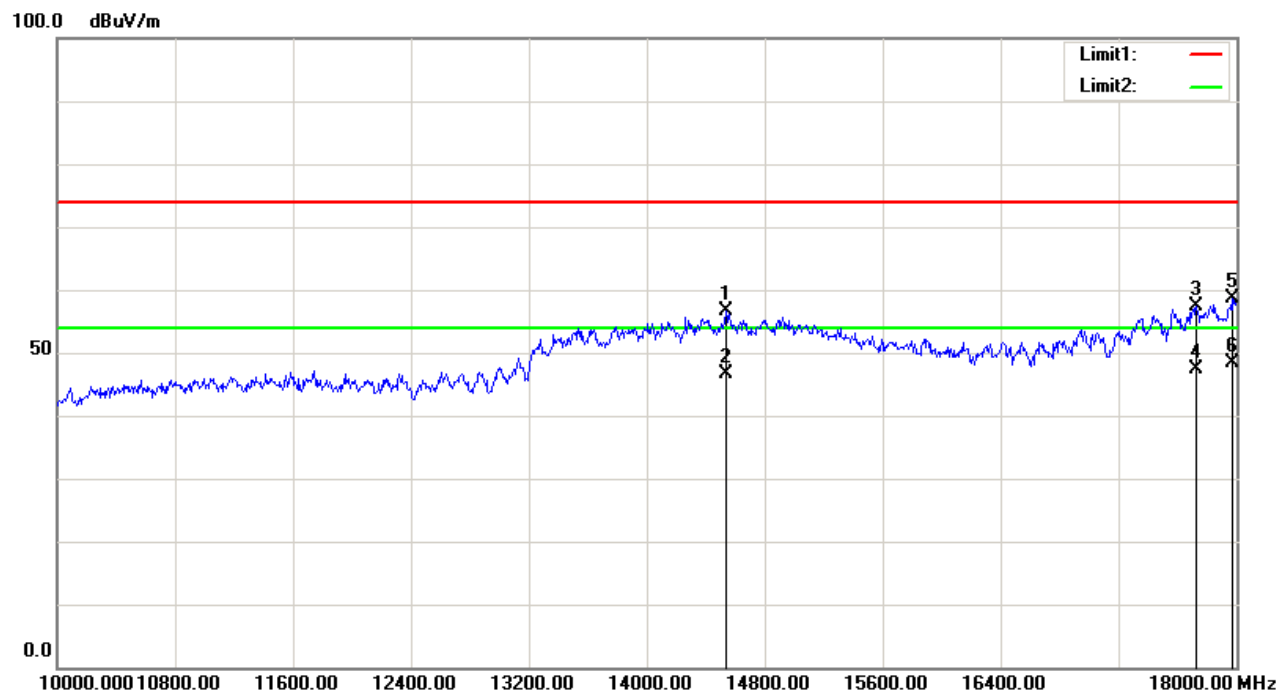
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	1198.000	55.20	peak	-9.97	45.23	74.00	28.77
2	1198.000	45.16	AVG	-9.97	35.19	54.00	18.81
3	1918.000	54.07	peak	-7.47	46.60	74.00	27.40
4	1918.000	34.26	AVG	-7.47	26.79	54.00	27.21
5	3002.500	50.57	peak	-4.81	45.76	74.00	28.24
6	3002.500	40.49	AVG	-4.81	35.68	54.00	18.32

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

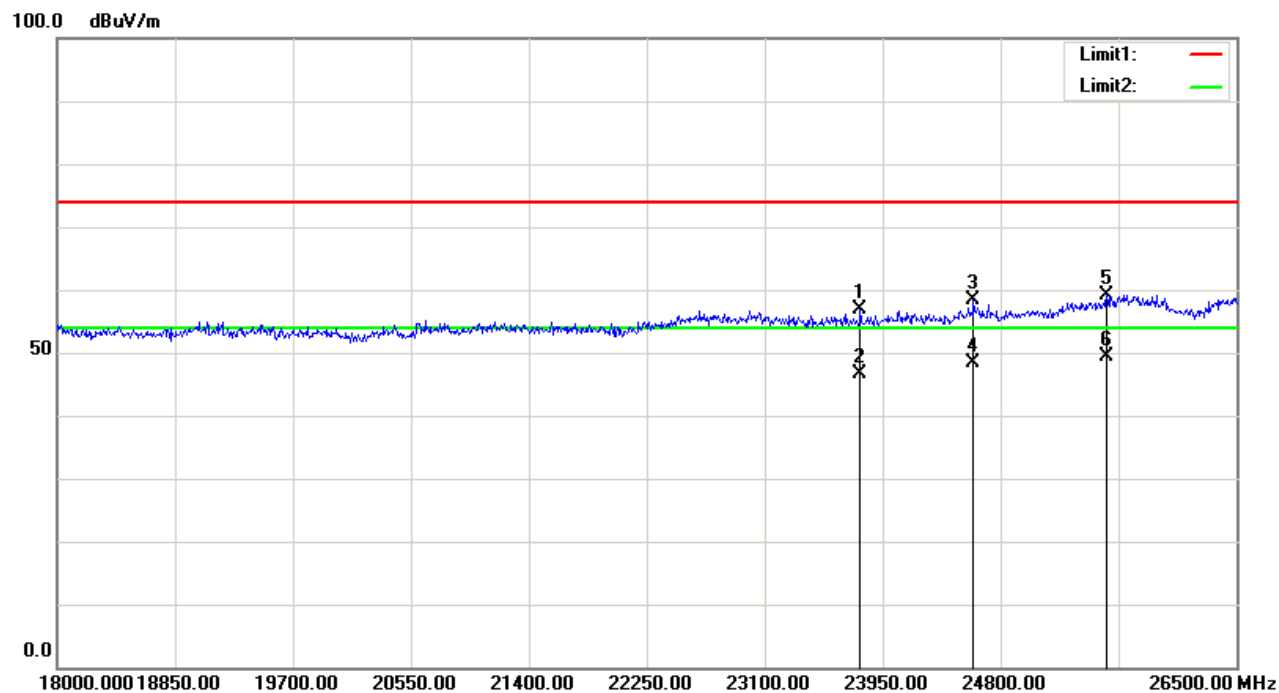
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	14536.000	46.29	peak	10.27	56.56	74.00	17.44
2	14536.000	36.35	AVG	10.27	46.62	54.00	7.38
3	17728.000	42.17	peak	15.17	57.34	74.00	16.66
4	17728.000	32.24	AVG	15.17	47.41	54.00	6.59
5	17972.000	41.66	peak	16.95	58.61	74.00	15.39
6	17972.000	31.34	AVG	16.95	48.29	54.00	5.71

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

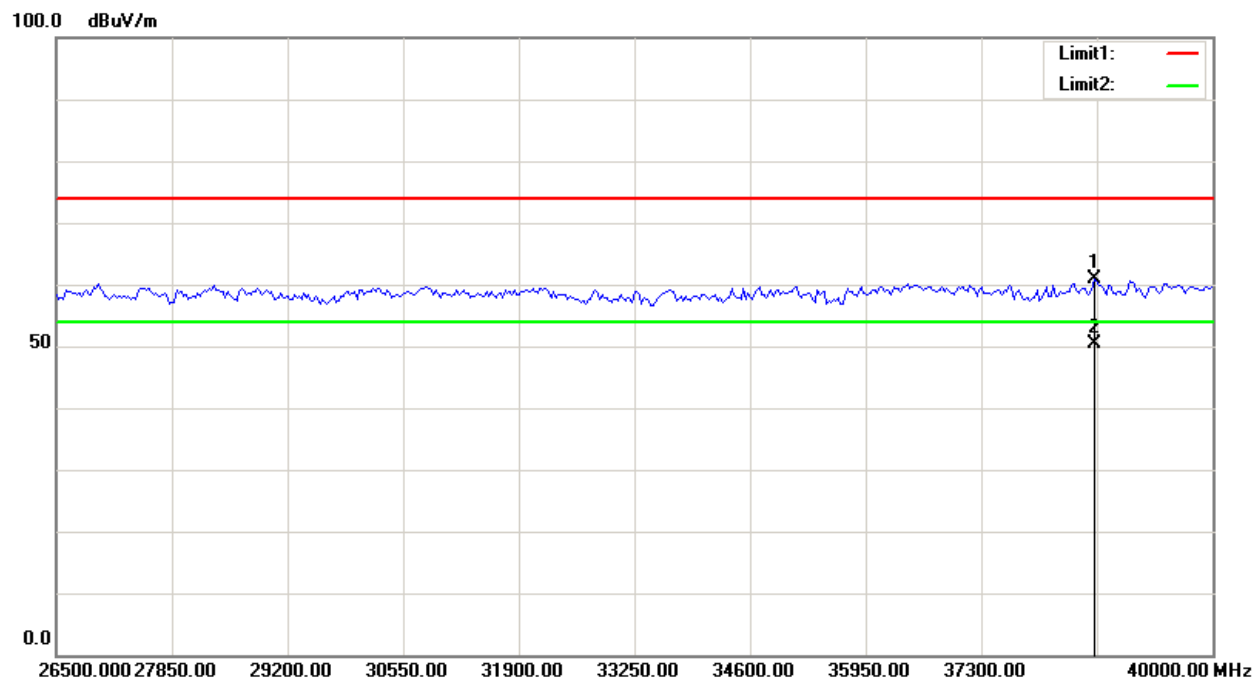
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	23792.750	56.77	peak	0.00	56.77	74.00	17.23
2	23792.750	46.54	AVG	0.00	46.54	54.00	7.46
3	24608.750	58.43	peak	0.00	58.43	74.00	15.57
4	24608.750	48.29	AVG	0.00	48.29	54.00	5.71
5	25565.000	59.25	peak	0.00	59.25	74.00	14.75
6	25565.000	49.34	AVG	0.00	49.34	54.00	4.66

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Charging and Operating
Note:

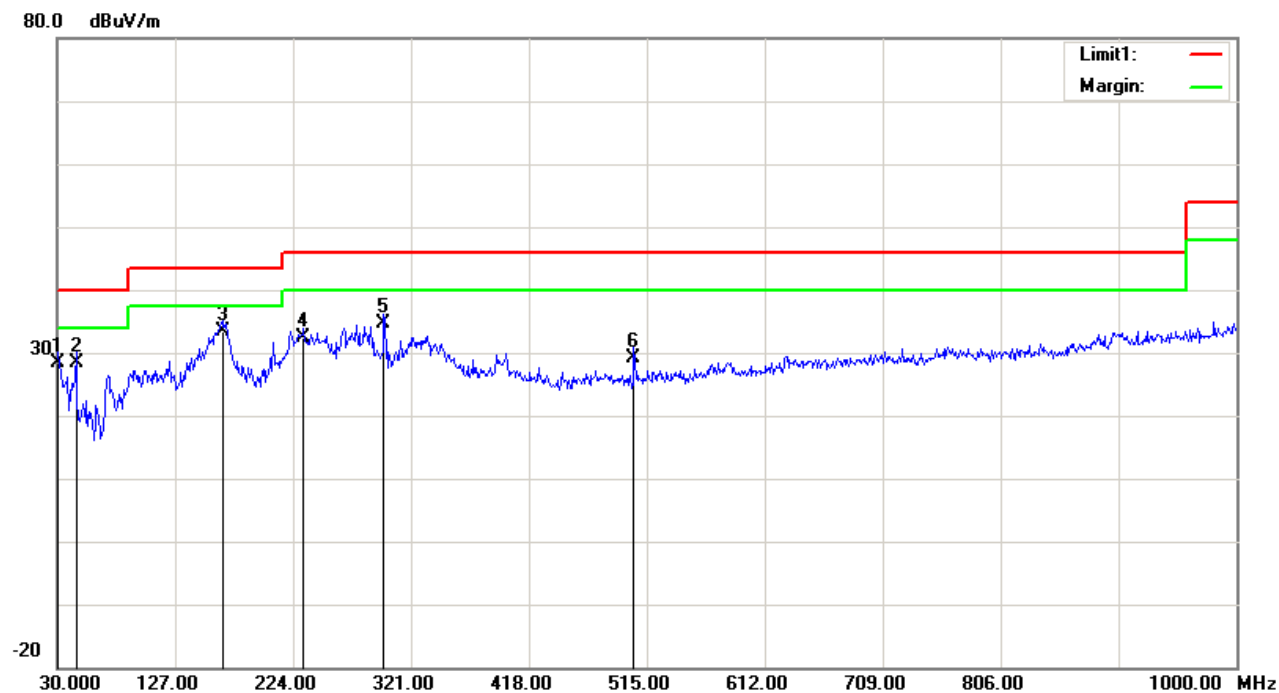
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	38623.000	60.78	peak	0.00	60.78	74.00	13.22
2	38623.000	50.42	AVG	0.00	50.42	54.00	3.58

Condition: FCC Class B 3M Radiation
EUT: C1
Model: GL300K
Test Mode: downloading
Note:

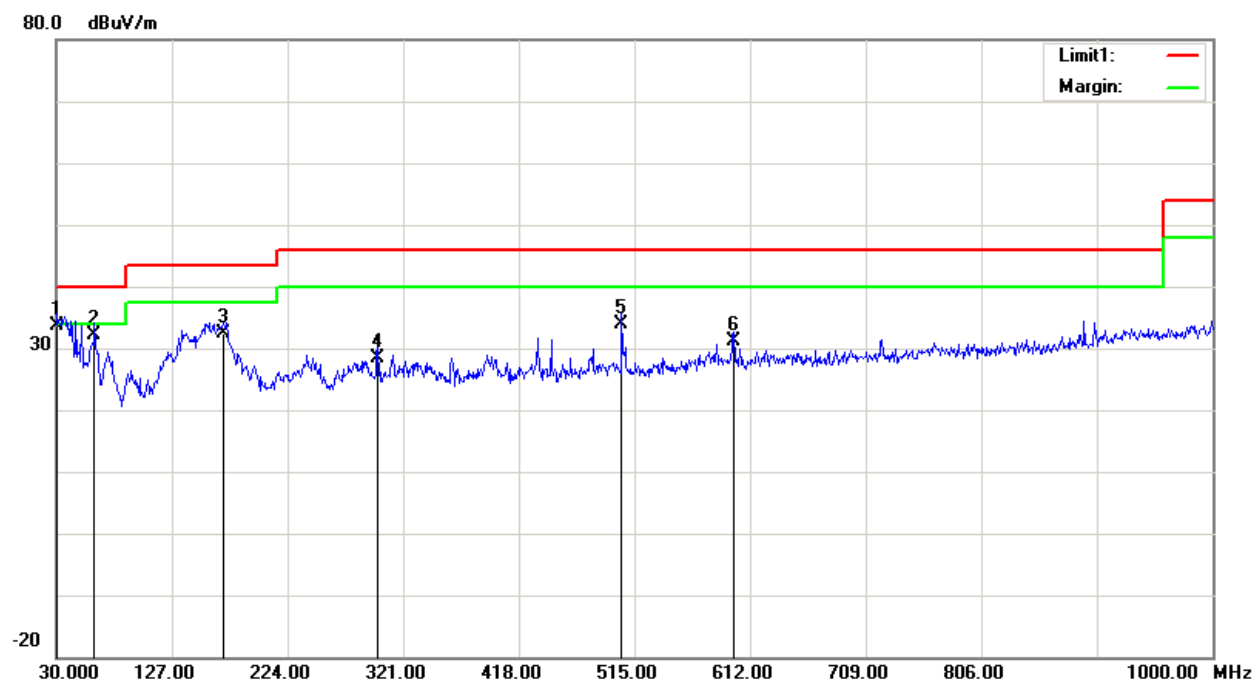
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.9700	27.95	QP	0.35	28.30	40.00	11.70
2	45.5200	38.14	QP	-9.74	28.40	40.00	11.60
3	165.8000	40.48	QP	-6.98	33.50	43.50	10.00
4	232.7300	39.00	QP	-6.50	32.50	46.00	13.50
5	298.6900	38.96	QP	-4.36	34.60	46.00	11.40
6	504.3300	30.01	QP	-0.91	29.10	46.00	16.90

Condition: FCC Class B 3M Radiation
EUT: C1
Model: GL300K
Test Mode: downloading
Note:

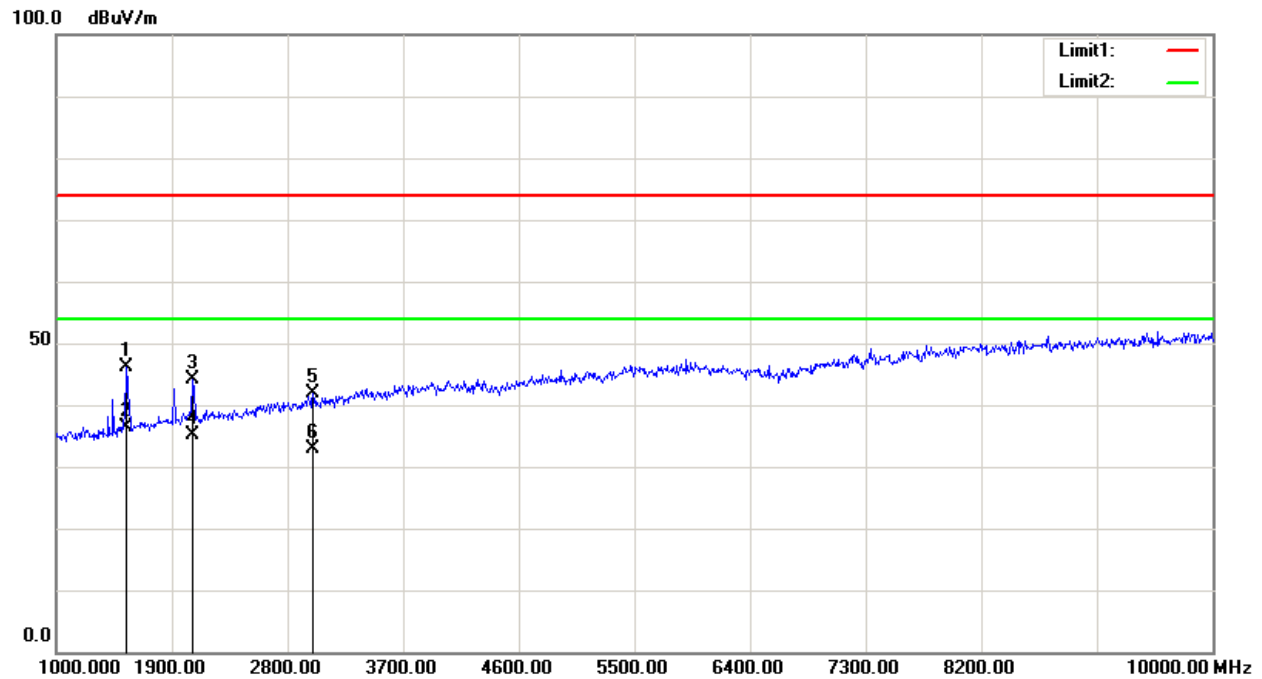
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.9700	33.35	QP	0.35	33.70	40.00	6.30
2	62.0100	44.40	QP	-12.30	32.10	40.00	7.90
3	170.6500	39.70	QP	-7.40	32.30	43.50	11.20
4	299.6600	32.65	QP	-4.35	28.30	46.00	17.70
5	504.3300	34.71	QP	-0.91	33.80	46.00	12.20
6	598.4200	30.90	QP	0.20	31.10	46.00	14.90

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

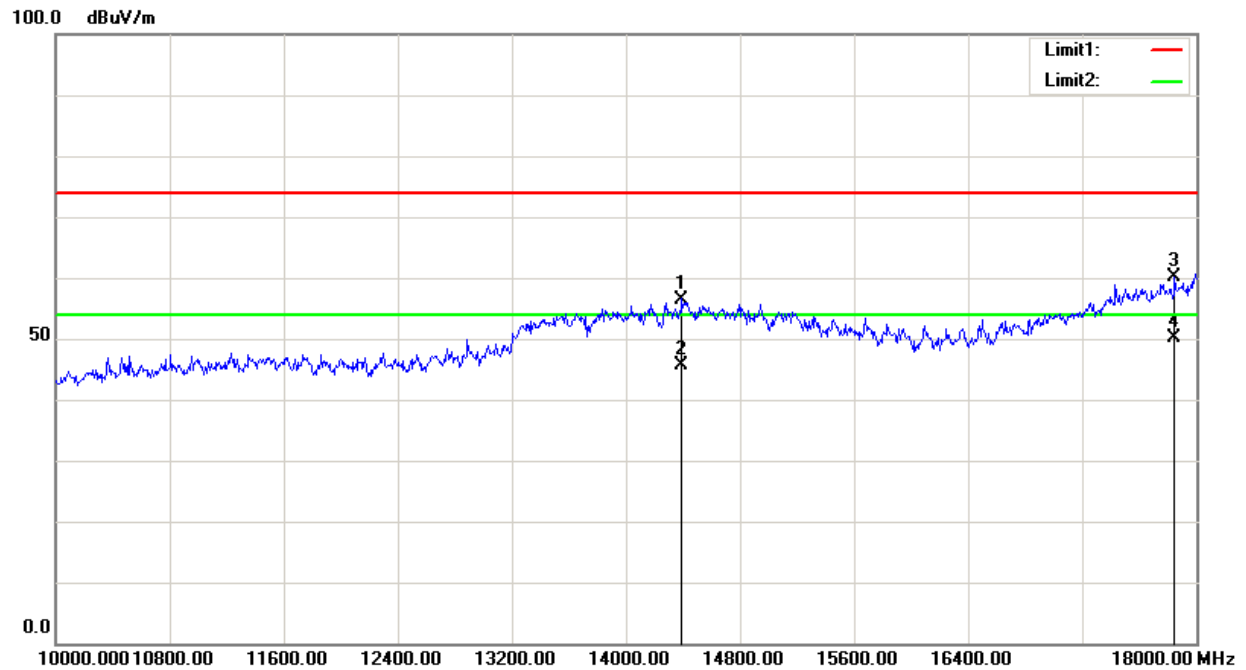
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	1549.000	55.15	peak	-8.92	46.23	74.00	27.77
2	1549.000	45.34	AVG	-8.92	36.42	54.00	17.58
3	2062.000	51.29	peak	-7.08	44.21	74.00	29.79
4	2062.000	42.15	AVG	-7.08	35.07	54.00	18.93
5	3002.500	46.66	peak	-4.81	41.85	74.00	32.15
6	3002.500	37.58	AVG	-4.81	32.77	54.00	21.23

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

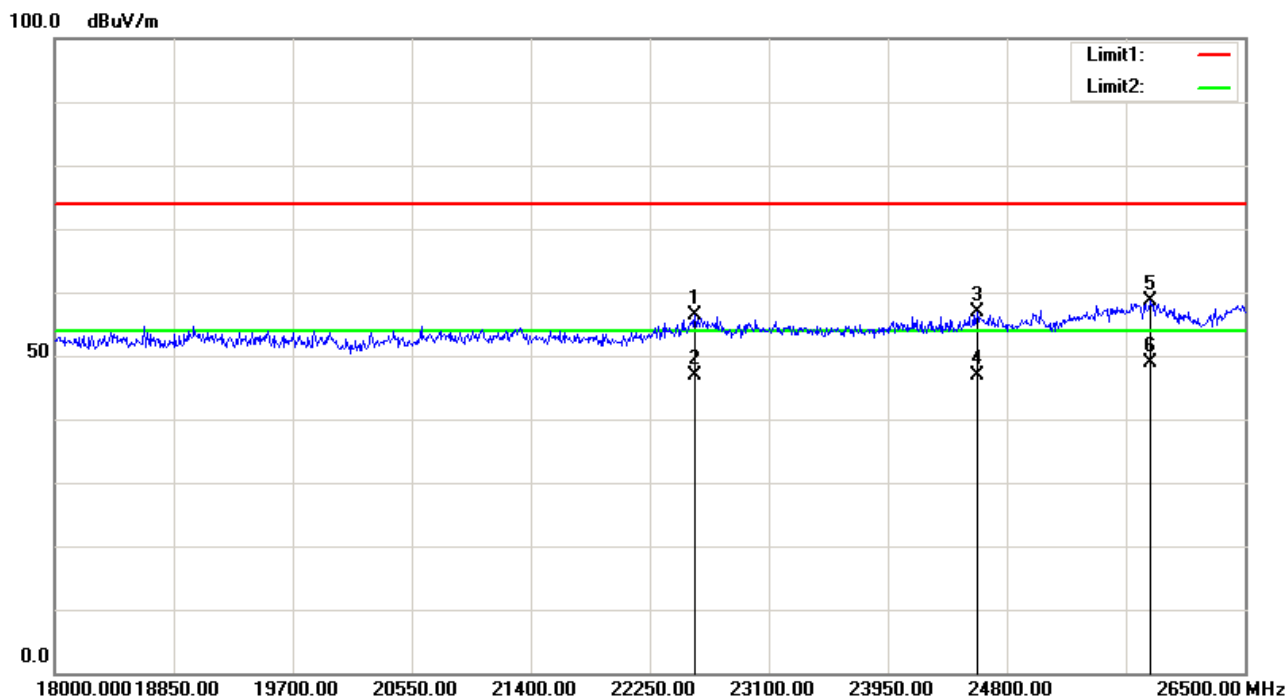
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	14396.000	46.39	peak	10.11	56.50	74.00	17.50
2	14396.000	35.46	AVG	10.11	45.57	54.00	8.43
3	17848.000	44.09	peak	16.05	60.14	74.00	13.86
4	17848.000	34.18	AVG	16.05	50.23	54.00	3.77

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

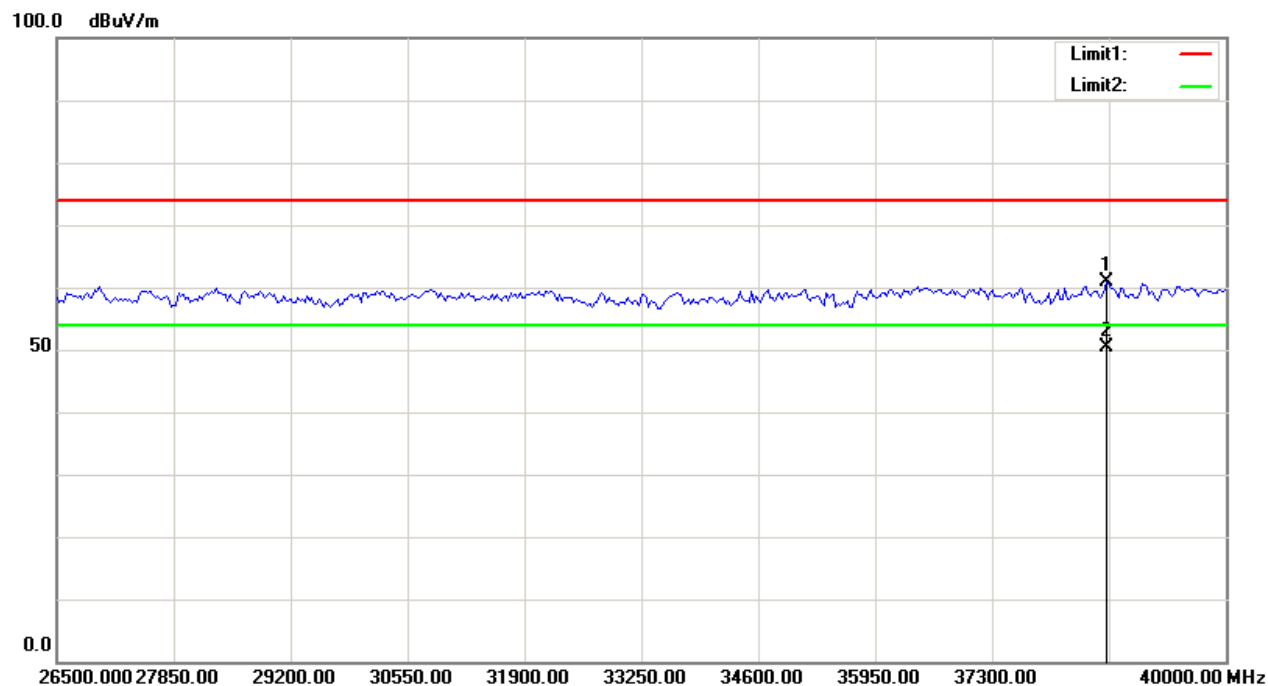
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	22577.250	56.43	peak	0.00	56.43	74.00	17.57
2	22577.250	46.82	AVG	0.00	46.82	54.00	7.18
3	24587.500	56.81	peak	0.00	56.81	74.00	17.19
4	24587.500	46.96	AVG	0.00	46.96	54.00	7.04
5	25832.750	58.63	peak	0.00	58.63	74.00	15.37
6	25832.750	48.76	AVG	0.00	48.76	54.00	5.24

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

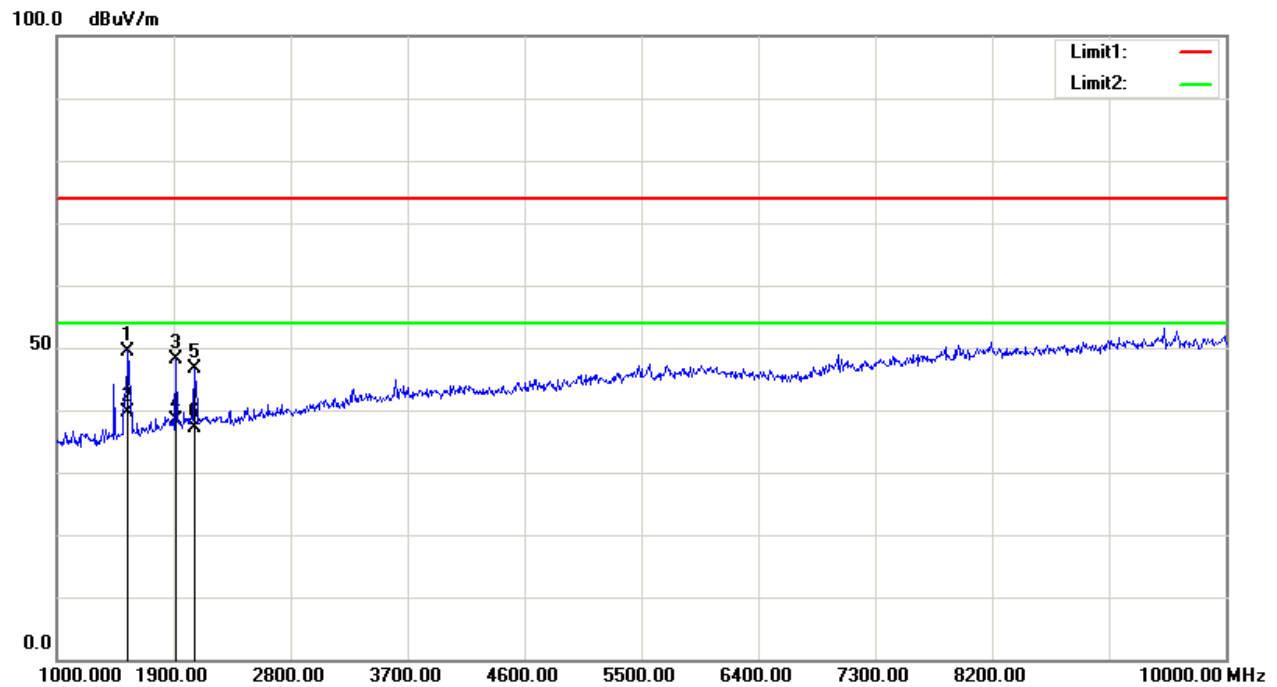
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	38623.000	60.87	peak	0.00	60.87	74.00	13.13
2	38623.000	50.36	AVG	0.00	50.36	54.00	3.64

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

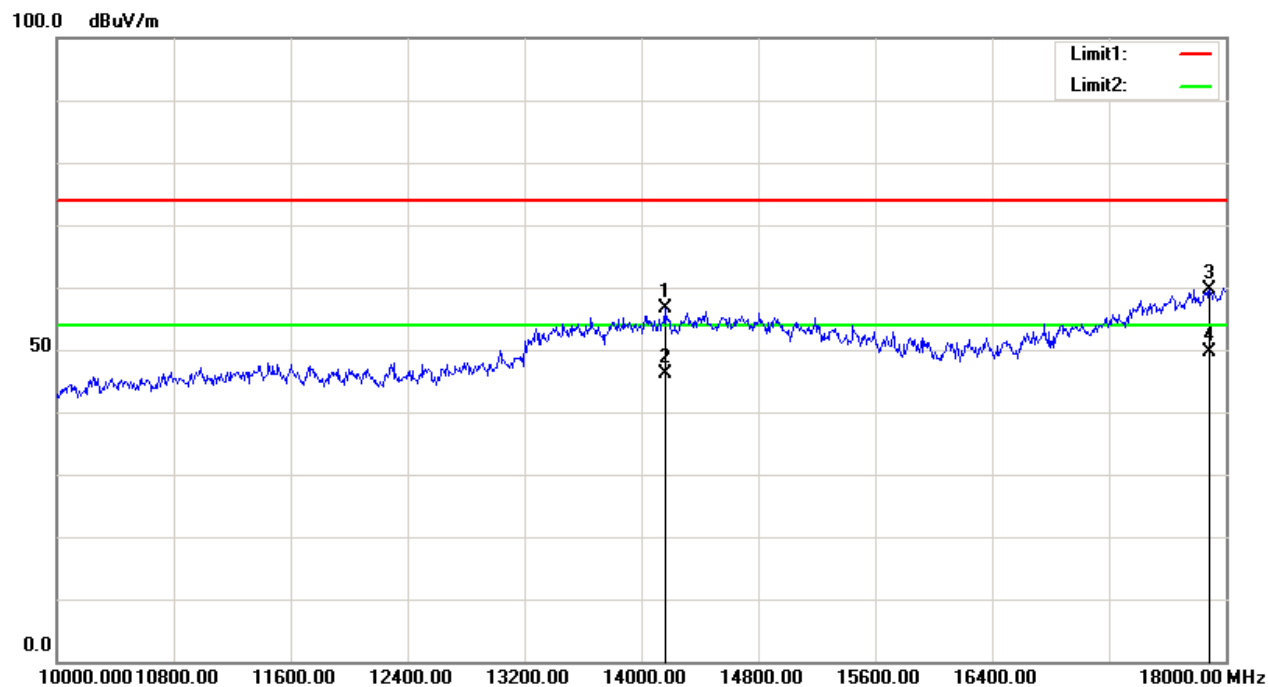
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	1549.000	58.42	peak	-8.92	49.50	74.00	24.50
2	1549.000	48.63	AVG	-8.92	39.71	54.00	14.29
3	1918.000	55.65	peak	-7.47	48.18	74.00	25.82
4	1918.000	45.76	AVG	-7.47	38.29	54.00	15.71
5	2066.500	53.64	peak	-7.07	46.57	74.00	27.43
6	2066.500	44.28	AVG	-7.07	37.21	54.00	16.79

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

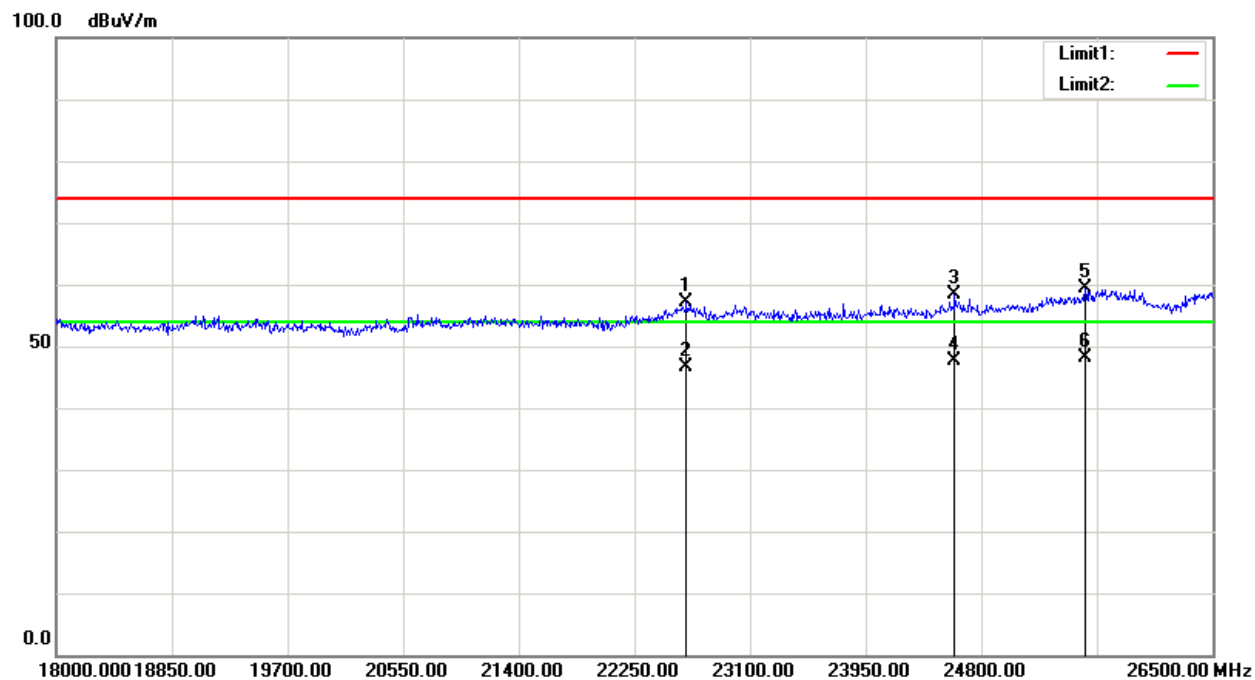
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	14164.000	47.02	peak	9.67	56.69	74.00	17.31
2	14164.000	36.54	AVG	9.67	46.21	54.00	7.79
3	17888.000	43.40	peak	16.34	59.74	74.00	14.26
4	17888.000	33.28	AVG	16.34	49.62	54.00	4.38

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

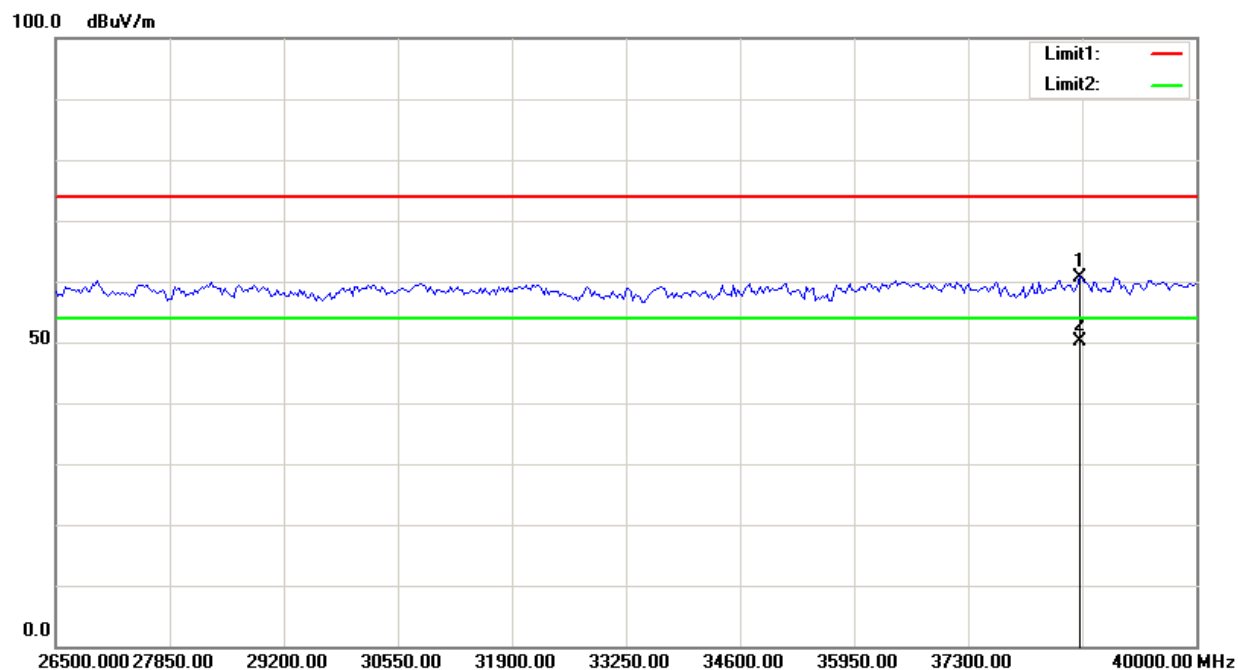
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	22636.750	57.01	peak	0.00	57.01	74.00	16.99
2	22636.750	46.54	AVG	0.00	46.54	54.00	7.46
3	24608.750	58.45	peak	0.00	58.45	74.00	15.55
4	24608.750	47.63	AVG	0.00	47.63	54.00	6.37
5	25565.000	59.30	peak	0.00	59.30	74.00	14.70
6	25565.000	48.16	AVG	0.00	48.16	54.00	5.84

Condition: FCC Part 15 Class B
EUT: C1
Model: GL300K
Test Mode: Downloading
Note:

Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	38623.000	60.59	peak	0.00	60.59	74.00	13.41
2	38623.000	50.23	AVG	0.00	50.23	54.00	3.77

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