TESTING LABORATORY
CERTIFICATE #4820.01

FCC PART 15 B

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-M200V21811

Report Type:	**Product Type:**
Original Report	Remote Aircraft

Report Number:	RDG181113002-00A
Report Date:	2018-11-29
Reviewed By:	Jerry Zhang EMC Manager
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

TABLE OF CONTENTS

GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

EUT Type:	Remote Aircraft
EUT Name:	Matrice 210 RTK V2, Matrice 200 V2, Matrice 210 V2
EUT Model:	M210 RTK V2, M200 V2, M210 V2
FCC ID:	SS3-M200V21811
Rated Input Voltage:	22.8Vdc from Battery
The Highest Operation Frequency:	5846.5MHz
External Dimension:	887mm(L)*880mm(W)*378mm(H)
Serial Number:	181113002-1(model:M210 RTK V2) 181113002-2(model:M200 V2) 181113002-3(model:M210 V2)
EUT Received Date:	2018.11.13

Note: The series product, Matrice 200 V2(Model: M200 V2), Matrice 210 V2(Model: M210 V2) are electrically identical with Matrice 210 RTK V2(Model: M210 RTK V2), for our marketing purpose, we selected all of them for full testing. The difference between them was explained in the declaration letter.

Objective

This test report is prepared on behalf of *SZ DJI TECHNOLOGY CO., LTD* In accordance with Part 2, Subpart J, and Part 15-Subparts 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 Part 15C DTS submissions with FCC ID: SS3-M200V21811.
FCC Part 15E NII submissions with FCC ID: SS3-M200V21811.
Part of system submissions with FCC ID: SS3-GL900A1811.

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.

All radiated and conducted emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Dongguan).

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℃
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 lab has been recognized as the FCC accredited lab 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 lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier : CN0022.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in downloading mode.

EUT Exercise Software

The software “Winthrax.exe” was used during test.

Equipment Modifications

No modification was made to the EUT tested.

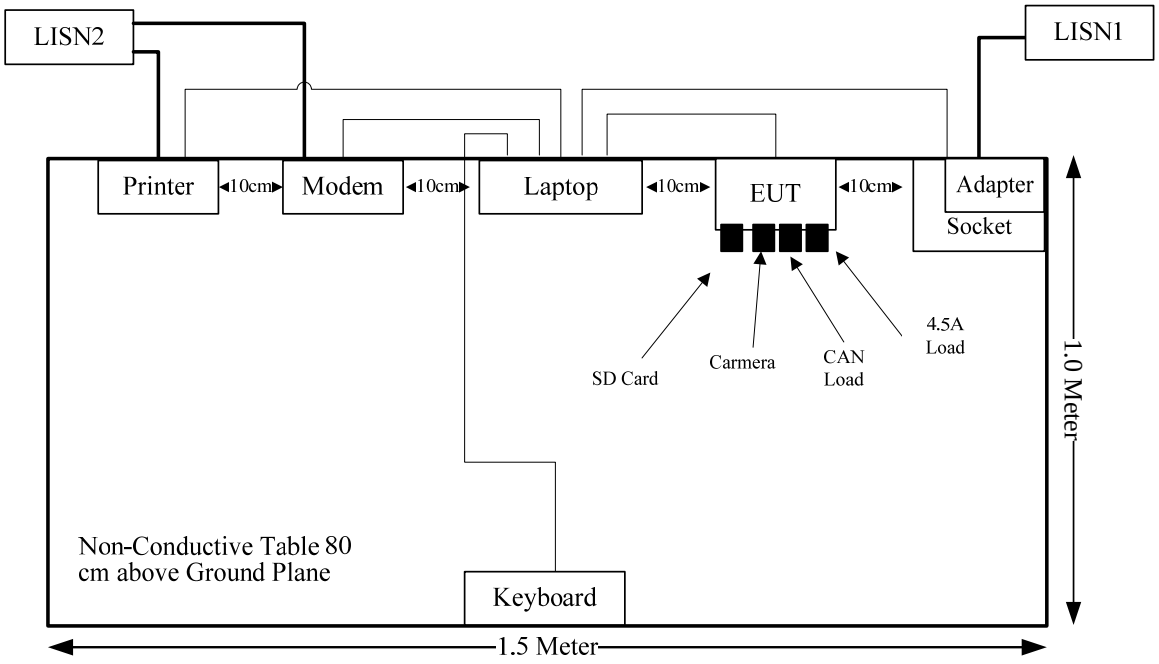
Local Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	Laptop	PP11L	QDS-BRCM1017
HP	Printer	C3941A	JPTVOB2337
DELL	Keyboard	L100	CNORH656658907BL05DC
SAST	Modem	AEM-2100	293
DJI	CAMERA	Zenmuse X4S	/
DJI	CAMERA	Zenmuse Z30	/
DJI	CAN Load	/	/
DJI	4.8A Load	/	/
SanDisk	SD Card	4GB	/

Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Serial Cable	yes	No	1.2	SerialPort of Laptop	Printer
Parallel Cable	yes	No	1.2	Parallel Port of Laptop	Modem
USB Cable	yes	No	1.5	EUT	Laptop
USB Cable	yes	No	1.8	USB Port of Laptop	Keyboard
CAN Port Cable	No	No	0.5	CAN port of EUT	CAN Load
Data Cable	yes	No	0.2	EUT	4.8A Load

Configuration of Test Setup

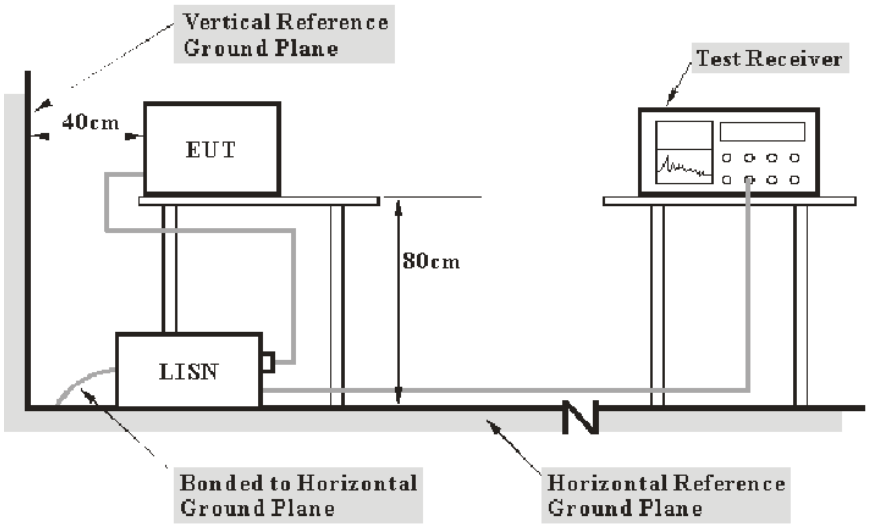


SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§15.107	Conducted Emissions	Compliance
§15.109	Radiated Emissions	Compliance

FCC§15.107 - 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.

The adapter was connected to the Main LISN with 120V/60Hz AC power source.

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 Equipment List and Details

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
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-01	2018-09-05	2019-09-05
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	2018-09-19	2019-09-19

*** 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)**.**

Test Procedure

During the conducted emission test, the adapter of laptop 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:

$V_C = V_R + A_C + VDF$

Herein,
V_C: corrected voltage amplitude

V_R: reading voltage amplitude

A_c: attenuation caused by cable loss

VDF: voltage division factor of AMN or ISN

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 limit. The equation for margin calculation is as follows:

Margin = Limit – Corrected Amplitude

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15 B Class B.

Test Data

Environmental Conditions

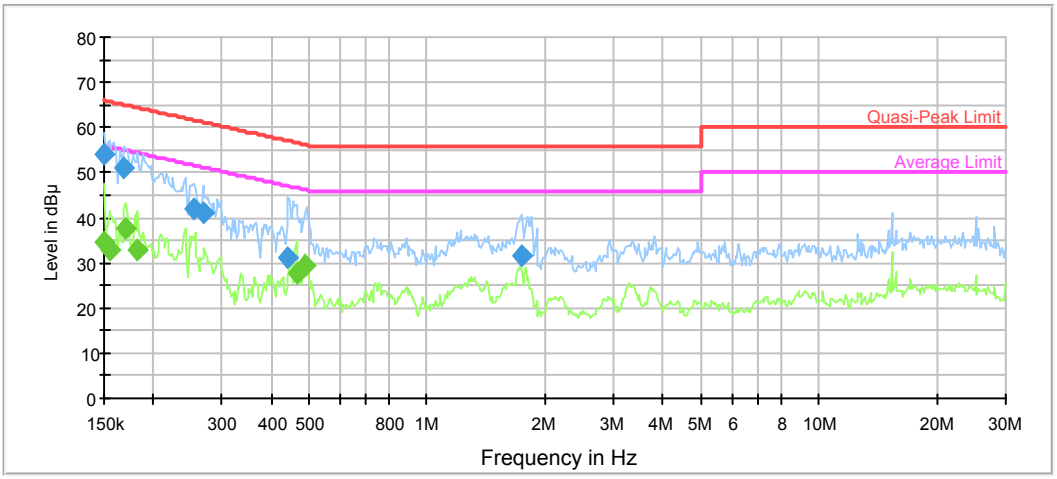
Temperature:	26.2°C
Relative Humidity:	55 %
ATM Pressure:	99.9 kPa

** The testing was performed by Lily Xie on 2018-11-26.*

Test Mode: downloading

1) Model: M210 RTK V2

AC120V, 60Hz, Line:



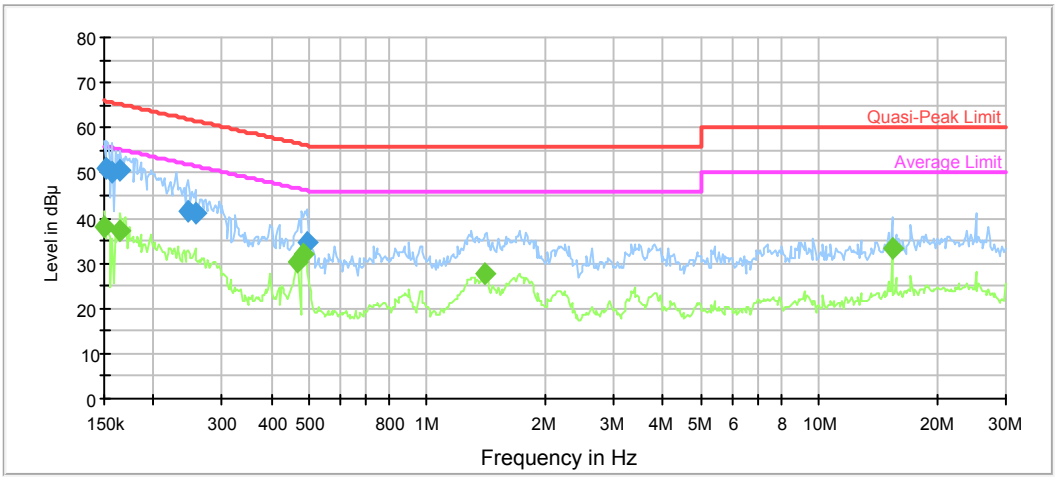
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	54.2	9.000	L1	11.2	11.8	66.0
0.169044	50.8	9.000	L1	10.9	14.2	65.0
0.253797	42.0	9.000	L1	10.3	19.6	61.6
0.268355	41.1	9.000	L1	10.2	20.1	61.2
0.443327	31.2	9.000	L1	9.9	25.8	57.0
1.745563	31.6	9.000	L1	9.7	24.4	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.5	9.000	L1	11.2	21.5	56.0
0.154858	32.7	9.000	L1	11.1	23.0	55.7
0.170396	37.5	9.000	L1	10.9	17.4	54.9
0.183065	33.0	9.000	L1	10.8	21.3	54.3
0.465037	27.6	9.000	L1	9.9	19.0	46.6
0.487810	29.2	9.000	L1	9.9	17.0	46.2

AC120V, 60Hz, Neutral:



Final Result 1

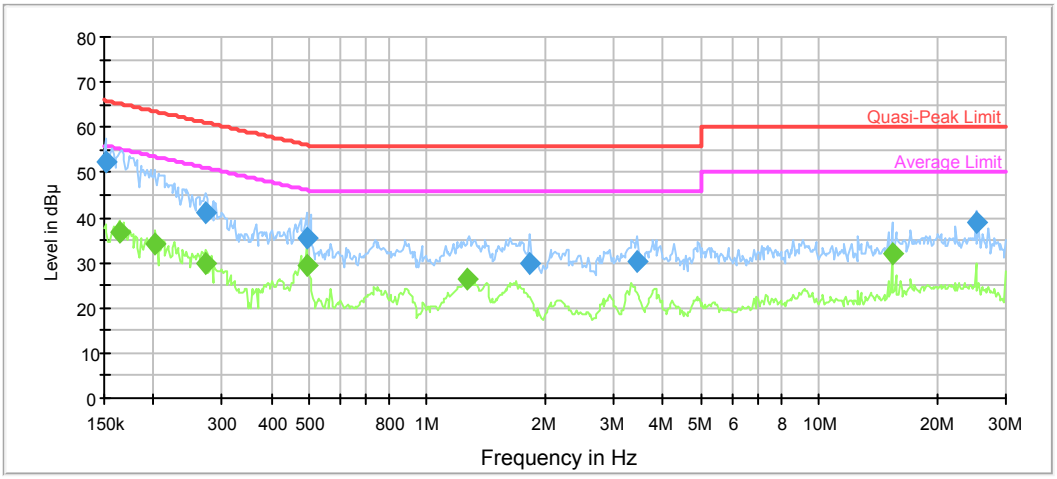
Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.152410	51.2	9.000	N	11.1	14.7	65.9
0.157346	50.3	9.000	N	11.1	15.3	65.6
0.165051	50.4	9.000	N	11.0	14.8	65.2
0.245835	41.3	9.000	N	10.3	20.6	61.9
0.255827	40.9	9.000	N	10.3	20.7	61.6
0.495646	34.7	9.000	N	9.9	21.4	56.1

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	38.1	9.000	N	11.2	17.9	56.0
0.165051	37.1	9.000	N	11.0	18.1	55.2
0.468757	30.4	9.000	N	9.9	16.1	46.5
0.483938	32.0	9.000	N	9.9	14.3	46.3
1.407671	27.5	9.000	N	9.8	18.5	46.0
15.369534	33.3	9.000	N	9.9	16.7	50.0

2) Model: M200 V2

AC120V, 60Hz, Line:



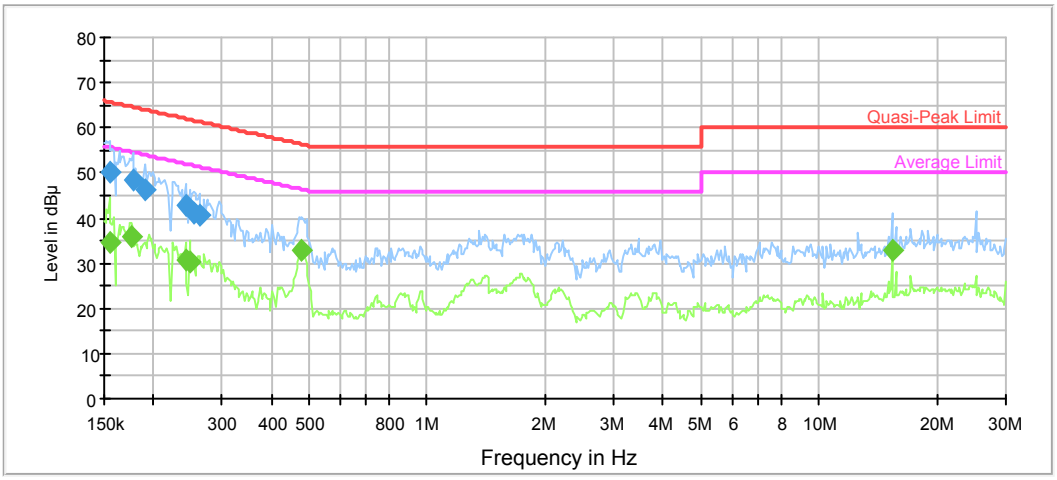
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.151200	52.5	9.000	L1	11.2	13.4	65.9
0.272666	41.2	9.000	L1	10.2	19.8	61.0
0.491712	35.4	9.000	L1	9.9	20.7	56.1
1.831043	29.6	9.000	L1	9.7	26.4	56.0
3.436218	30.1	9.000	L1	9.8	25.9	56.0
25.189161	38.7	9.000	L1	10.1	21.3	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.163741	36.7	9.000	L1	11.0	18.6	55.3
0.203045	34.0	9.000	L1	10.6	19.5	53.5
0.272666	29.7	9.000	L1	10.2	21.3	51.0
0.491712	29.4	9.000	L1	9.9	16.7	46.1
1.269154	26.3	9.000	L1	9.8	19.7	46.0
15.369534	32.2	9.000	L1	9.9	17.8	50.0

AC120V, 60Hz, Neutral:



Final Result 1

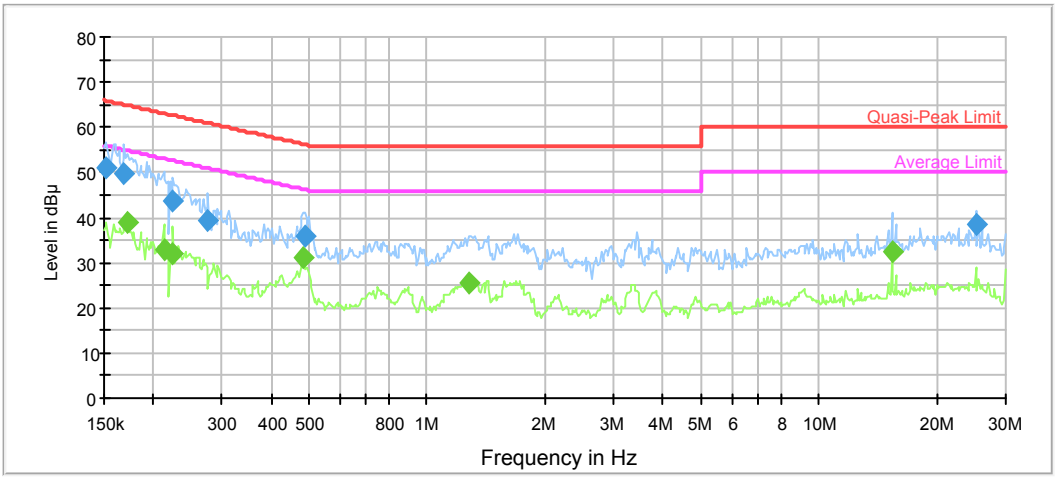
Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154858	50.3	9.000	N	11.1	15.4	65.7
0.177322	48.3	9.000	N	10.8	16.3	64.6
0.190505	46.5	9.000	N	10.7	17.5	64.0
0.241949	42.9	9.000	N	10.4	19.1	62.0
0.253797	41.2	9.000	N	10.3	20.4	61.6
0.262017	40.5	9.000	N	10.3	20.9	61.4

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154858	34.6	9.000	N	11.1	21.1	55.7
0.175915	35.8	9.000	N	10.8	18.9	54.7
0.241949	30.5	9.000	N	10.4	21.5	52.0
0.247802	30.4	9.000	N	10.3	21.4	51.8
0.480097	33.0	9.000	N	9.9	13.3	46.3
15.369534	32.7	9.000	N	9.9	17.3	50.0

3) Model: M210 V2

AC120V, 60Hz, Line:



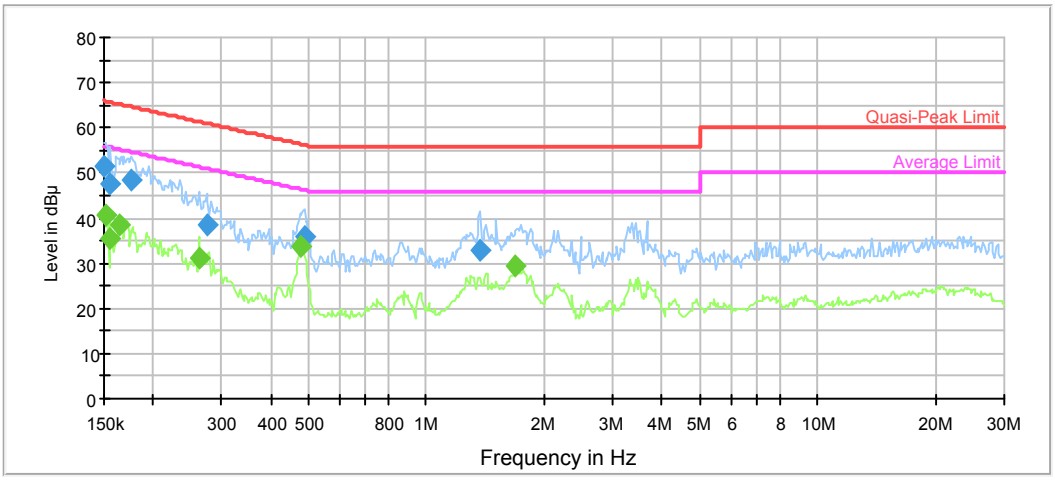
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.152410	50.9	9.000	L1	11.1	15.0	65.9
0.169044	49.9	9.000	L1	10.9	15.1	65.0
0.225205	43.6	9.000	L1	10.5	19.0	62.6
0.277046	39.5	9.000	L1	10.2	21.4	60.9
0.487810	35.9	9.000	L1	9.9	20.3	56.2
25.189161	38.7	9.000	L1	10.1	21.3	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.171759	38.8	9.000	L1	10.9	16.1	54.9
0.212988	32.7	9.000	L1	10.5	20.4	53.1
0.225205	32.1	9.000	L1	10.5	20.5	52.6
0.483938	31.2	9.000	L1	9.9	15.1	46.3
1.279307	25.7	9.000	L1	9.8	20.3	46.0
15.369534	32.4	9.000	L1	9.9	17.6	50.0

AC120V, 60Hz, Neutral:



Final Result 1

Frequency (MHz)	QuasiPeak (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.150000	51.5	9.000	N	11.2	14.5	66.0
0.156097	47.7	9.000	N	11.1	18.0	65.7
0.175915	48.5	9.000	N	10.8	16.2	64.7
0.274848	38.4	9.000	N	10.2	22.6	61.0
0.487810	35.7	9.000	N	9.9	20.5	56.2
1.374420	32.8	9.000	N	9.8	23.2	56.0

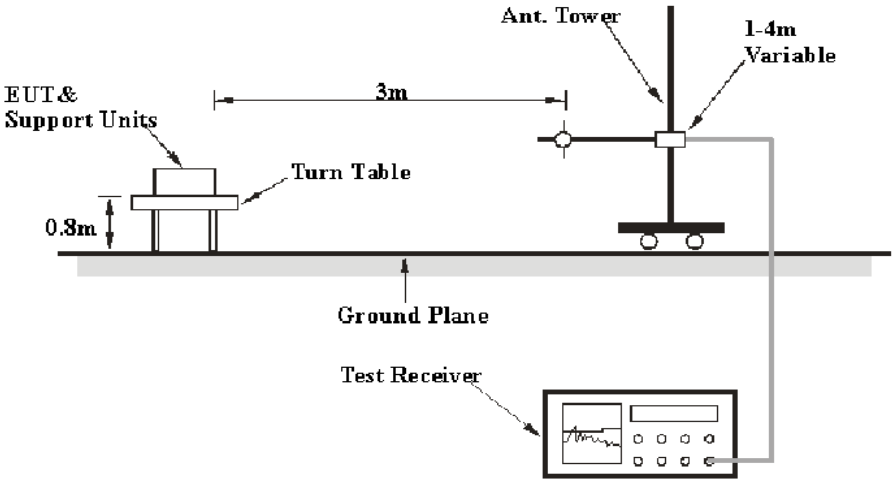
Final Result 2

Frequency (MHz)	Average (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.151200	40.7	9.000	N	11.1	15.2	55.9
0.156097	35.4	9.000	N	11.1	20.3	55.7
0.163741	38.6	9.000	N	11.0	16.7	55.3
0.262017	31.0	9.000	N	10.3	20.4	51.4
0.480097	33.9	9.000	N	9.9	12.4	46.3
1.690804	29.2	9.000	N	9.8	16.8	46.0

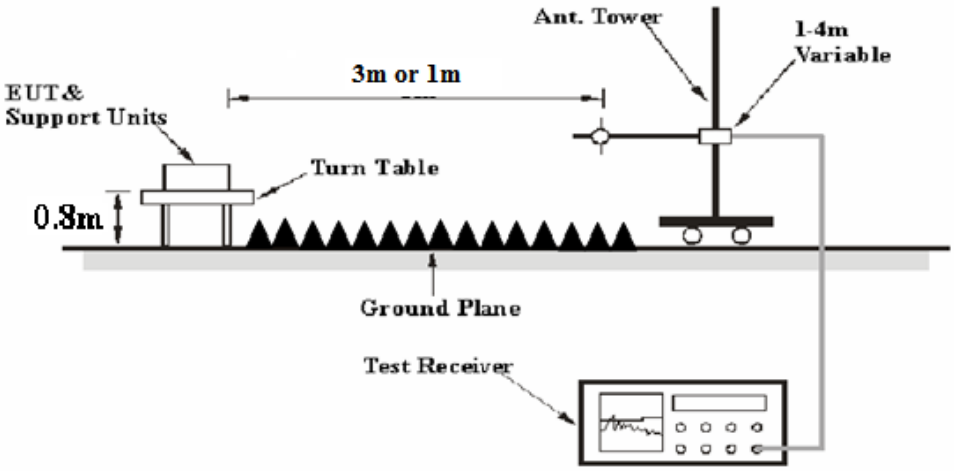
FCC §15.109 - RADIATED SPURIOUS EMISSIONS

EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission below 1GHz tests were performed in the 3 meters chamber test site A, above 1GHz tests were performed in the 3 meters chamber test site B, 1GHz-26.5GHz were performed at the 3 m distance and 26.5-30GHz was performed at 1 m distance, 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 30 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	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	10 Hz	/	AVG

Test Procedure

During the radiated emissions, the adapter 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.

According to C63.4, the above 1G test result shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade from 3m to 1 m
Distance extrapolation factor =20 log (specific distance [3m]/test distance [1m]) dB= 9.54 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

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:

Margin = Limit – Result

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2017-12-11	2018-12-11
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2018-05-06	2019-05-06
HP	Amplifier	8447D	2727A05902	2018-09-05	2019-09-05
Agilent	Spectrum Analyzer	E4440A	SG43360054	2018-01-04	2019-01-04
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
ETS-Lindgren	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-04
Ducommun Technolagies	Horn Antenna	ARH-4223-02	1007726-01 1304	2016-11-18	2019-11-18
Ducommun Technolagies	Horn Antenna	ARH-2823-02	1007726-01 1302	2016-11-18	2019-11-18
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-2.4J2.4J-50	C-0700-02	2018-06-27	2019-06-27
MITEQ	Amplifier	AFS42-00101800-25-S-42	2001271	2018-09-05	2019-09-05
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2018-06-27	2019-06-27
Farad	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).

Test Data

Environmental Conditions

Temperature:	25.4~25.5°C
Relative Humidity:	37~42 %
ATM Pressure:	99.9~100.8 kPa

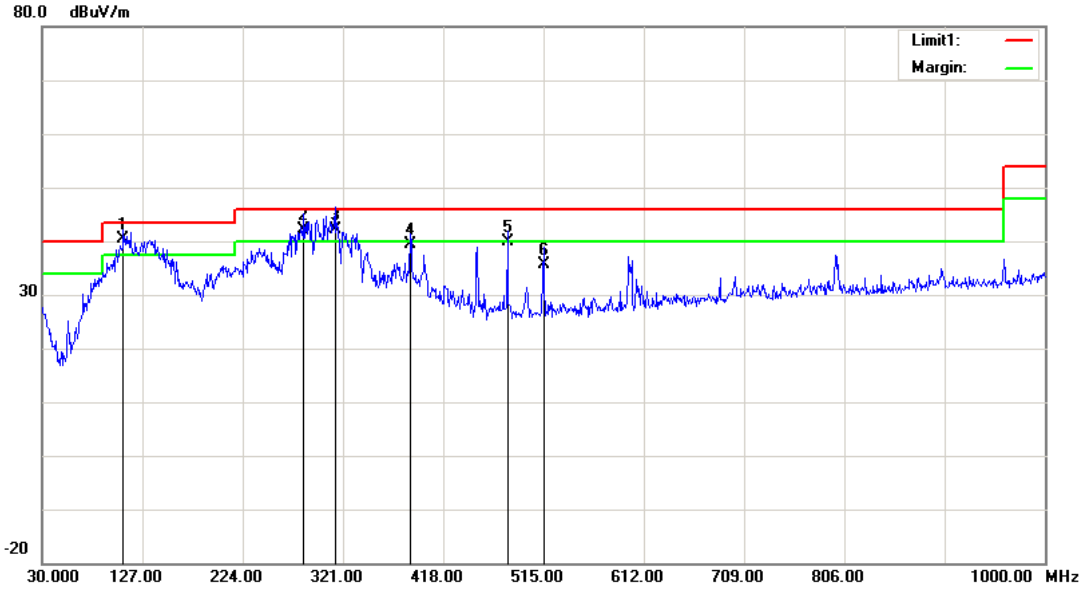
** The testing was performed by Tyler Pan and Vern Shen from 2018-11-23 to 2018-11-26.*

Test Result: Compliance

Test Mode: downloading

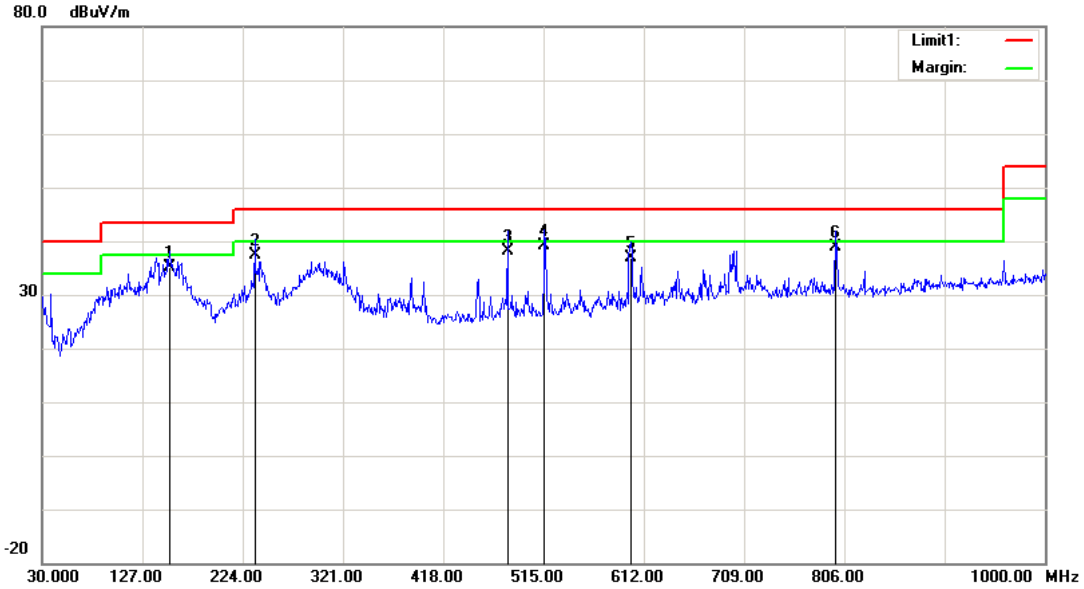
1) Model: M210 RTK V2

Horizontal:



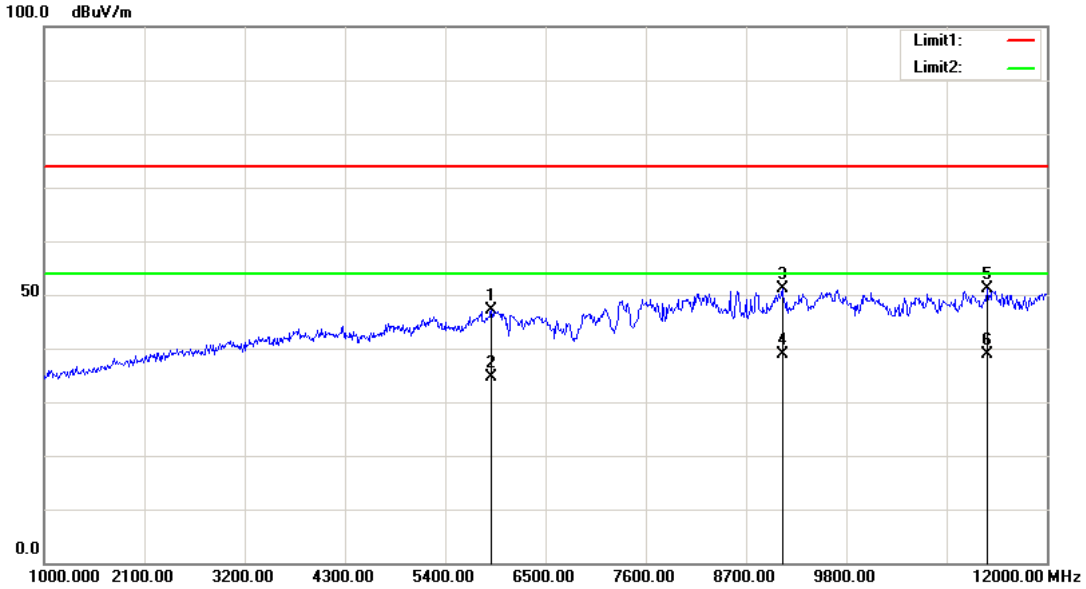
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
108.5700	46.97	QP	-6.67	40.30	43.50	3.20
283.1700	46.15	QP	-4.05	42.10	46.00	3.90
313.2400	45.59	QP	-3.49	42.10	46.00	3.90
385.9900	41.67	QP	-2.37	39.30	46.00	6.70
480.0800	40.04	QP	-0.24	39.80	46.00	6.20
515.0000	35.78	QP	-0.18	35.60	46.00	10.40

Vertical:



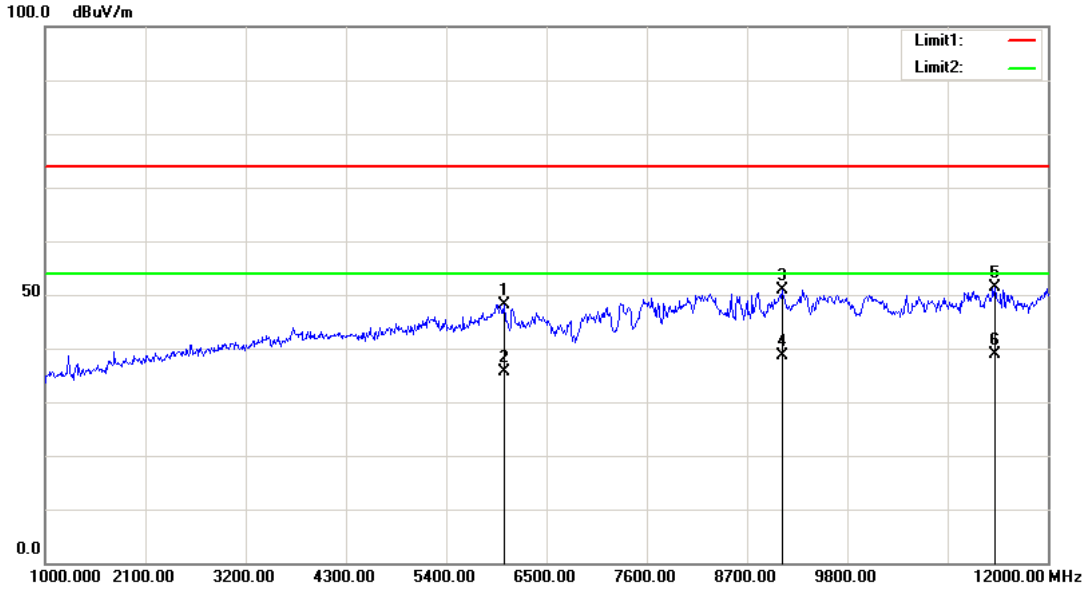
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
153.1900	41.07	QP	-5.97	35.10	43.50	8.40
235.6400	43.48	QP	-6.18	37.30	46.00	8.70
480.0800	38.34	QP	-0.24	38.10	46.00	7.90
515.9700	39.32	QP	-0.12	39.20	46.00	6.80
599.3900	35.79	QP	1.01	36.80	46.00	9.20
797.2700	34.40	QP	4.40	38.80	46.00	7.20

Horizontal:



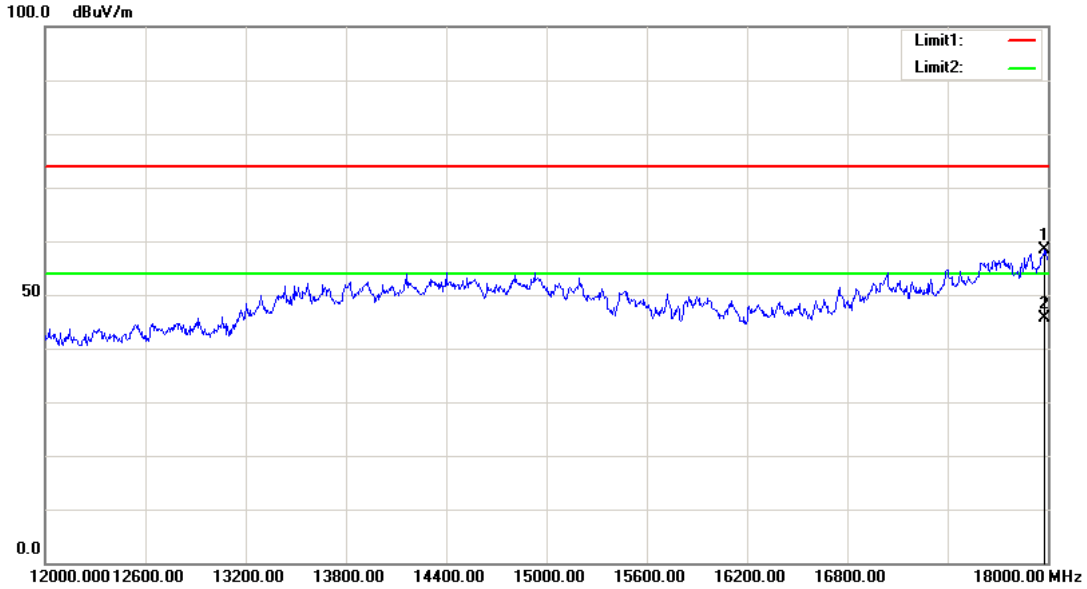
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5911.500	46.27	peak	0.82	47.09	74.00	26.91
5911.500	33.75	AVG	0.82	34.57	54.00	19.43
9096.000	44.70	peak	6.41	51.11	74.00	22.89
9096.000	32.40	AVG	6.41	38.81	54.00	15.19
11351.000	43.00	peak	8.16	51.16	74.00	22.84
11351.000	30.65	AVG	8.16	38.81	54.00	15.19

Vertical:



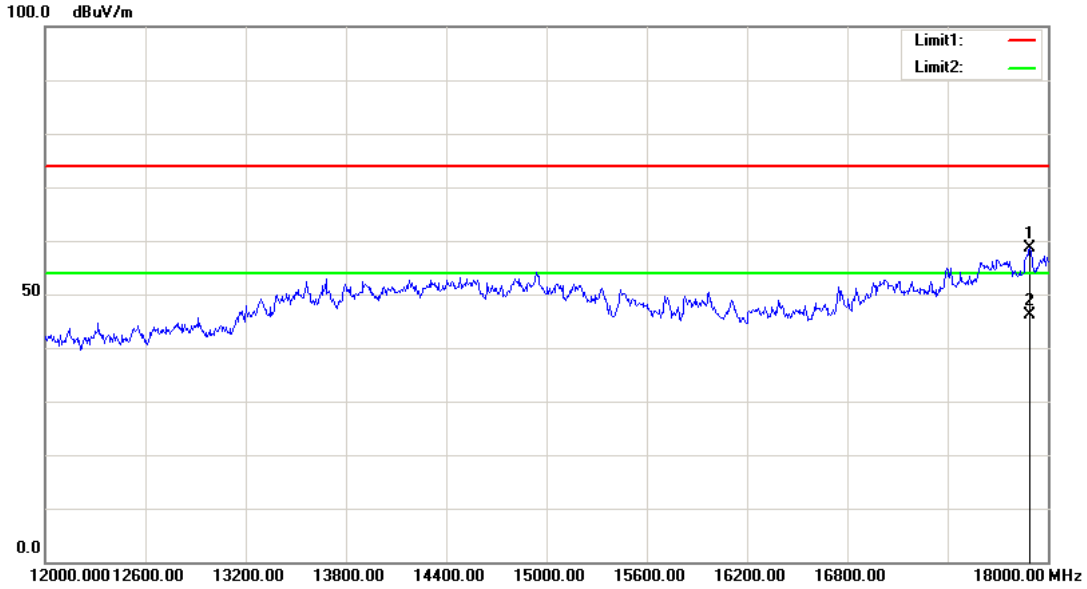
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
6043.500	47.30	peak	0.89	48.19	74.00	25.81
6043.500	34.76	AVG	0.89	35.65	54.00	18.35
9090.500	44.52	peak	6.41	50.93	74.00	23.07
9090.500	32.10	AVG	6.41	38.51	54.00	15.49
11417.000	43.08	peak	8.20	51.28	74.00	22.72
11417.000	30.77	AVG	8.20	38.97	54.00	15.03

Horizontal:



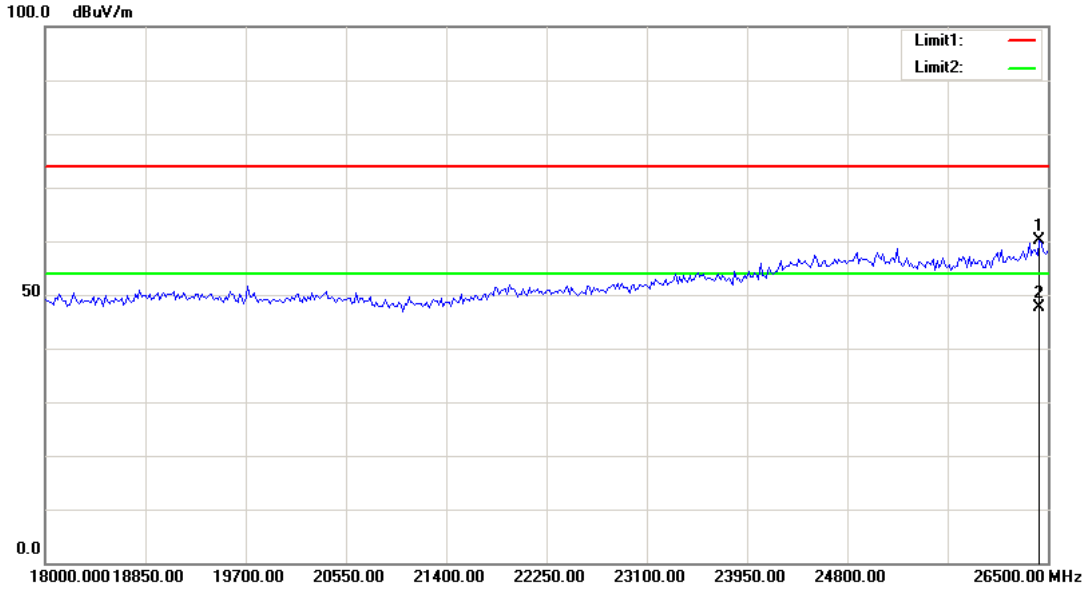
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17982.000	41.25	peak	17.02	58.27	74.00	15.73
17982.000	28.67	AVG	17.02	45.69	54.00	8.31

Vertical:



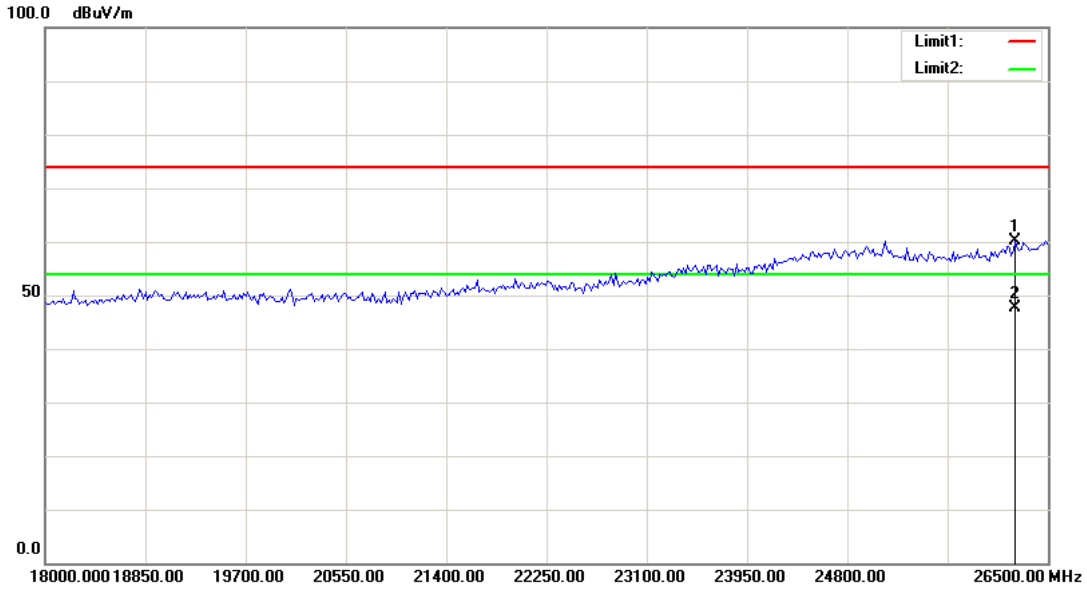
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17895.000	42.22	peak	16.39	58.61	74.00	15.39
17895.000	29.80	AVG	16.39	46.19	54.00	7.81

Horizontal:



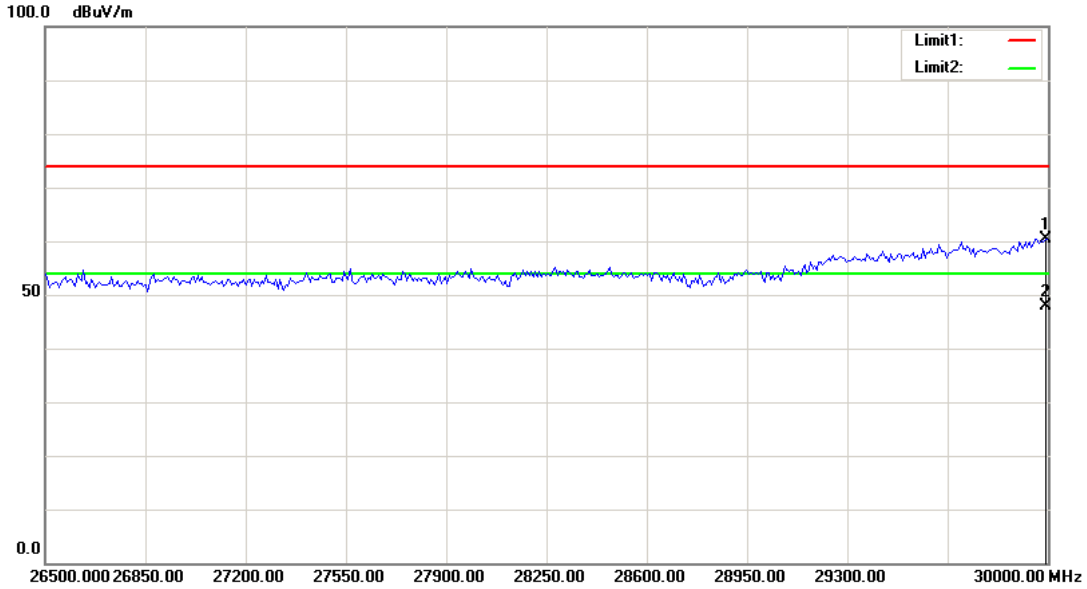
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26431.864	38.62	peak	21.54	60.16	74.00	13.84
26431.864	26.10	AVG	21.54	47.64	54.00	6.36

Vertical:



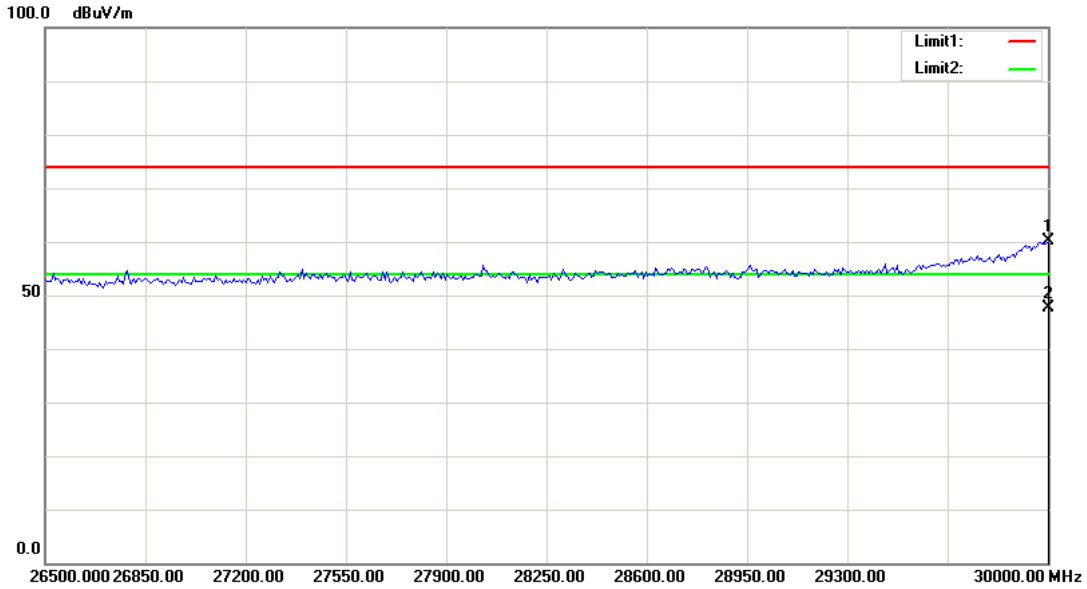
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26227.455	39.53	peak	20.64	60.17	74.00	13.83
26227.455	27.10	AVG	20.64	47.74	54.00	6.26

Horizontal:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
29992.986	43.74	peak	16.67	60.41	74.00	13.59
29992.986	31.21	AVG	16.67	47.88	54.00	6.12

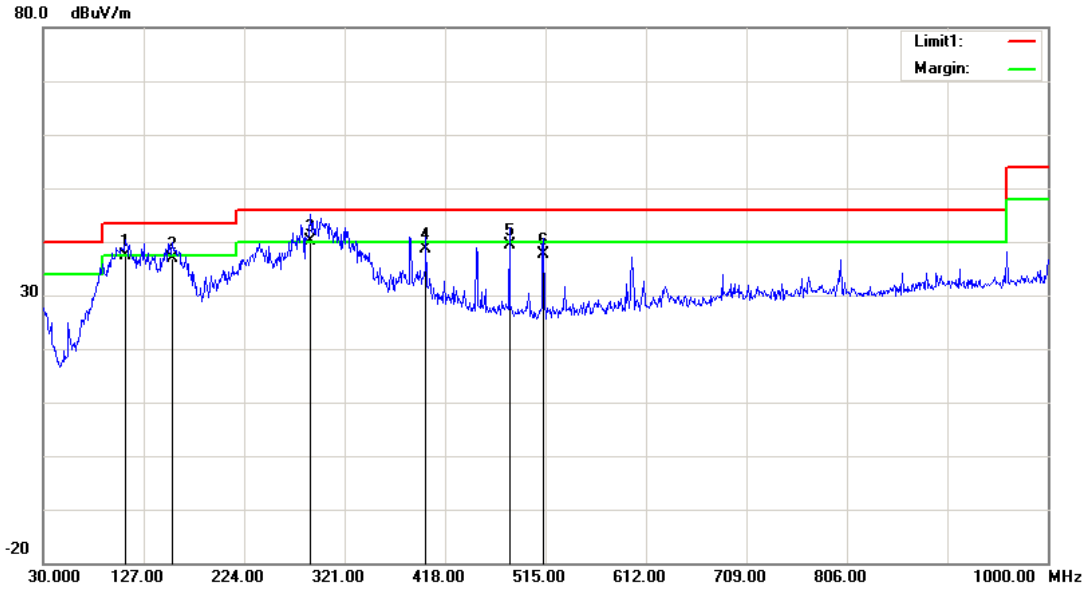
Vertical:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
30000.000	43.39	peak	16.71	60.10	74.00	13.90
30000.000	30.87	AVG	16.71	47.58	54.00	6.42

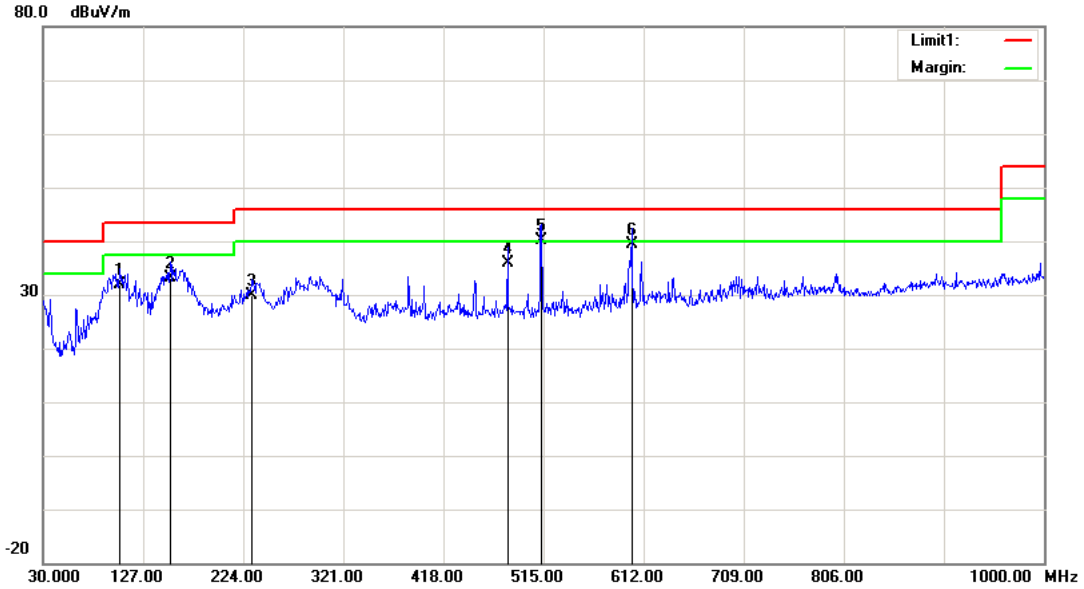
2) Model: M210 V2

Horizontal:



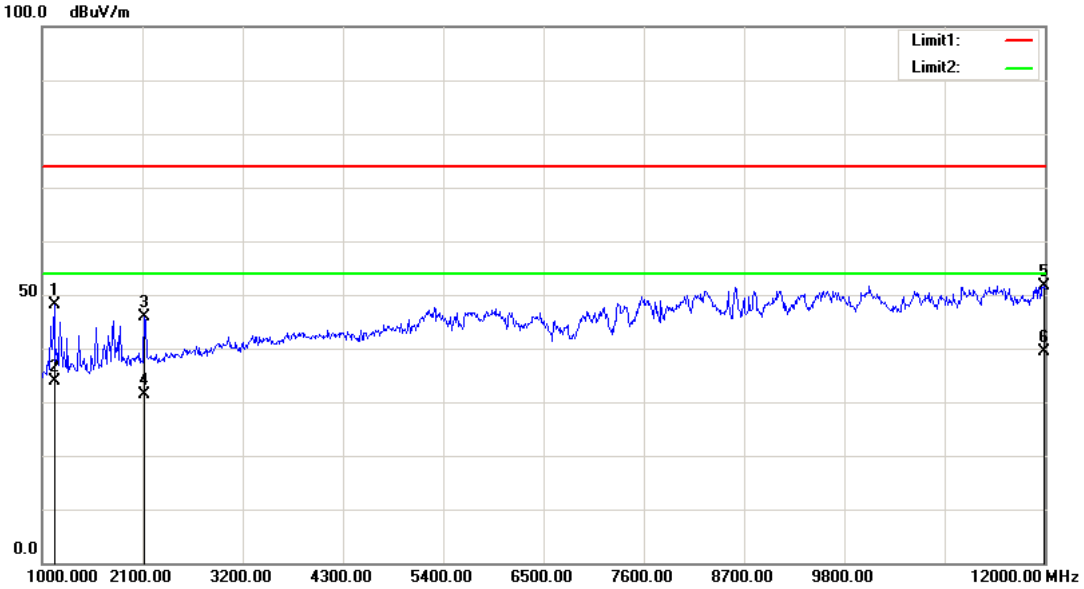
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
109.5400	43.73	QP	-6.43	37.30	43.50	6.20
154.1600	42.83	QP	-5.93	36.90	43.50	6.60
288.0200	44.12	QP	-4.02	40.10	46.00	5.90
399.5700	40.72	QP	-2.02	38.70	46.00	7.30
480.0800	39.74	QP	-0.24	39.50	46.00	6.50
513.0600	37.80	QP	-0.20	37.60	46.00	8.40

Vertical:



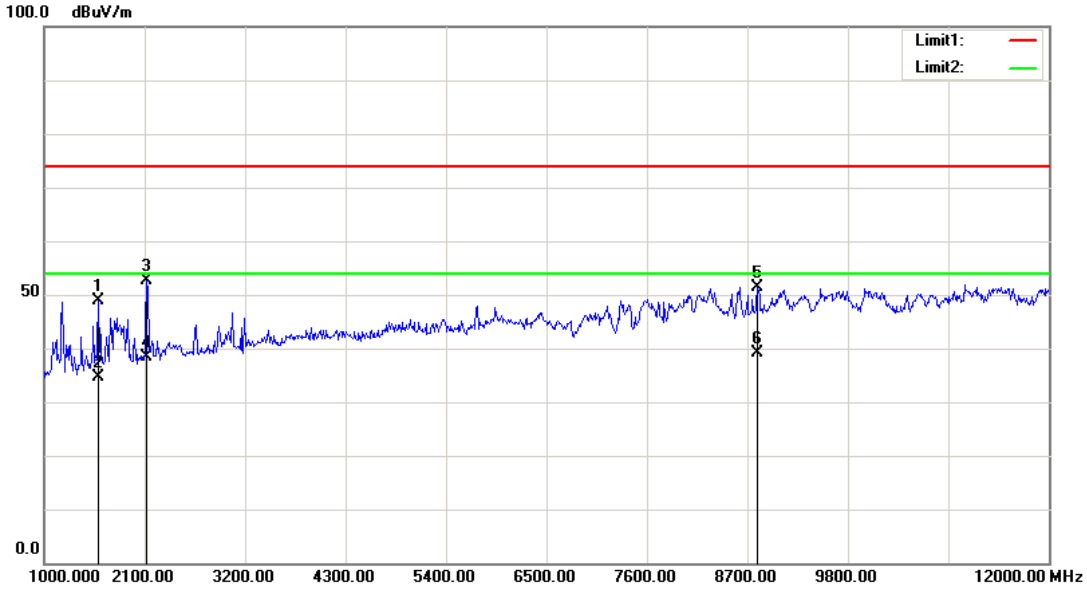
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
104.6900	39.37	QP	-7.57	31.80	43.50	11.70
153.1900	39.17	QP	-5.97	33.20	43.50	10.30
232.7300	36.22	QP	-6.32	29.90	46.00	16.10
480.0800	36.14	QP	-0.24	35.90	46.00	10.10
513.0600	40.30	QP	-0.20	40.10	46.00	5.90
600.3600	38.36	QP	1.04	39.40	46.00	6.60

Horizontal:



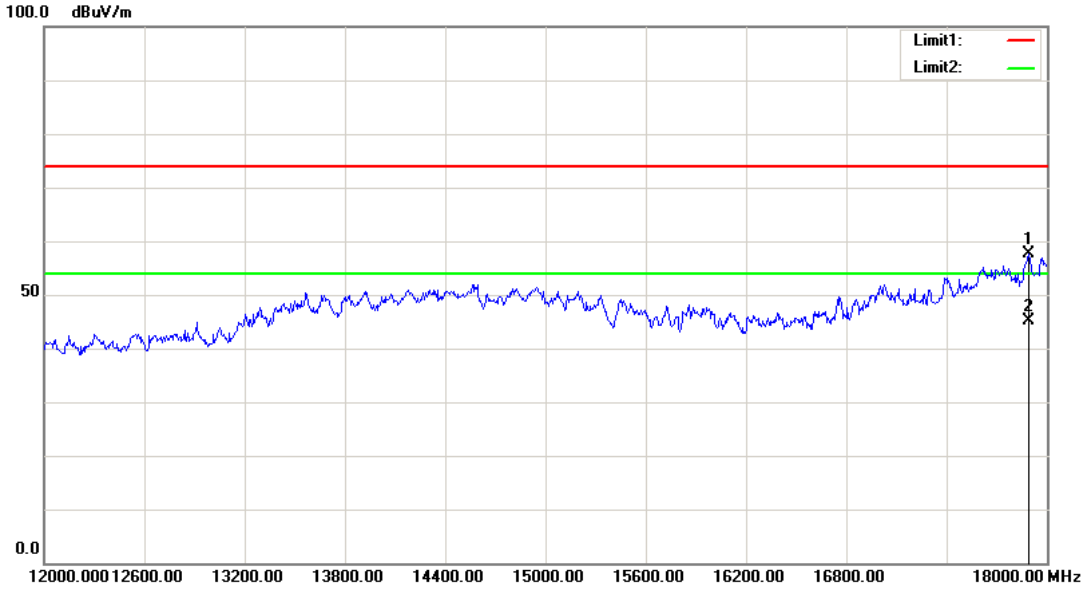
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1137.500	58.29	peak	-10.16	48.13	74.00	25.87
1137.500	44.04	AVG	-10.16	33.88	54.00	20.12
2122.000	52.83	peak	-6.95	45.88	74.00	28.12
2122.000	38.40	AVG	-6.95	31.45	54.00	22.55
11994.500	43.82	peak	7.83	51.65	74.00	22.35
11994.500	31.45	AVG	7.83	39.28	54.00	14.72

Vertical:



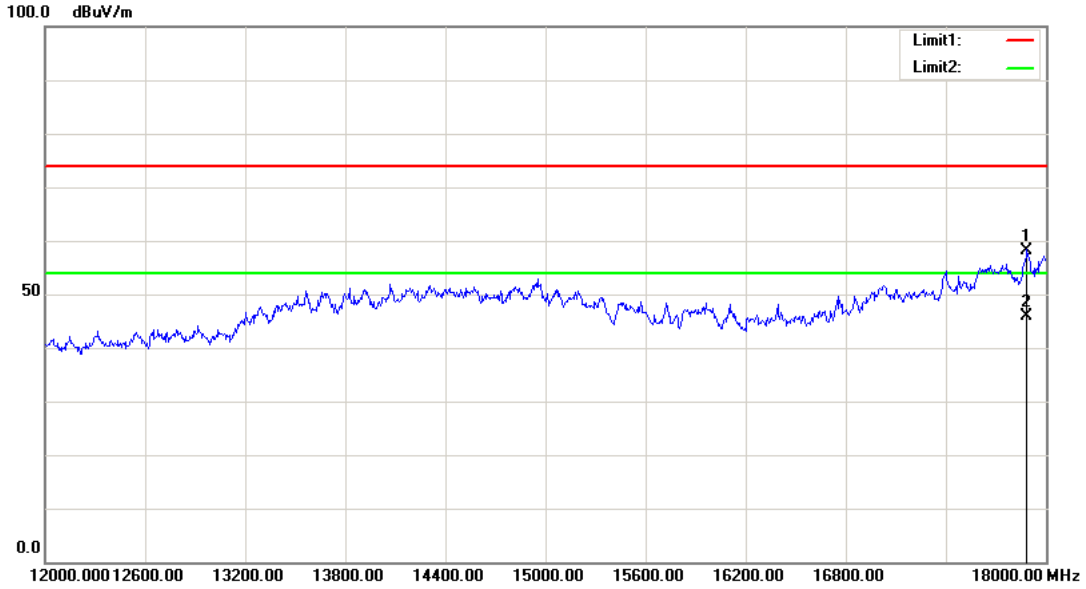
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1594.000	57.56	peak	-8.74	48.82	74.00	25.18
1594.000	43.34	AVG	-8.74	34.60	54.00	19.40
2127.500	59.62	peak	-6.94	52.68	74.00	21.32
2127.500	45.30	AVG	-6.94	38.36	54.00	15.64
8815.500	45.53	peak	5.96	51.49	74.00	22.51
8815.500	33.26	AVG	5.96	39.22	54.00	14.78

Horizontal:



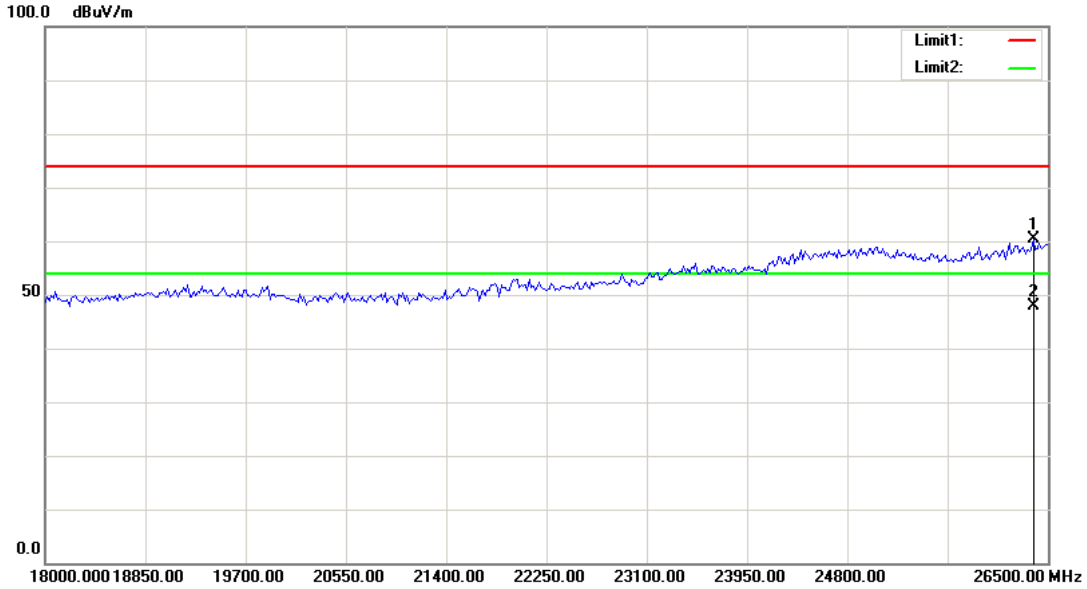
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17892.000	41.34	peak	16.36	57.70	74.00	16.30
17892.000	28.76	AVG	16.36	45.12	54.00	8.88

Vertical:



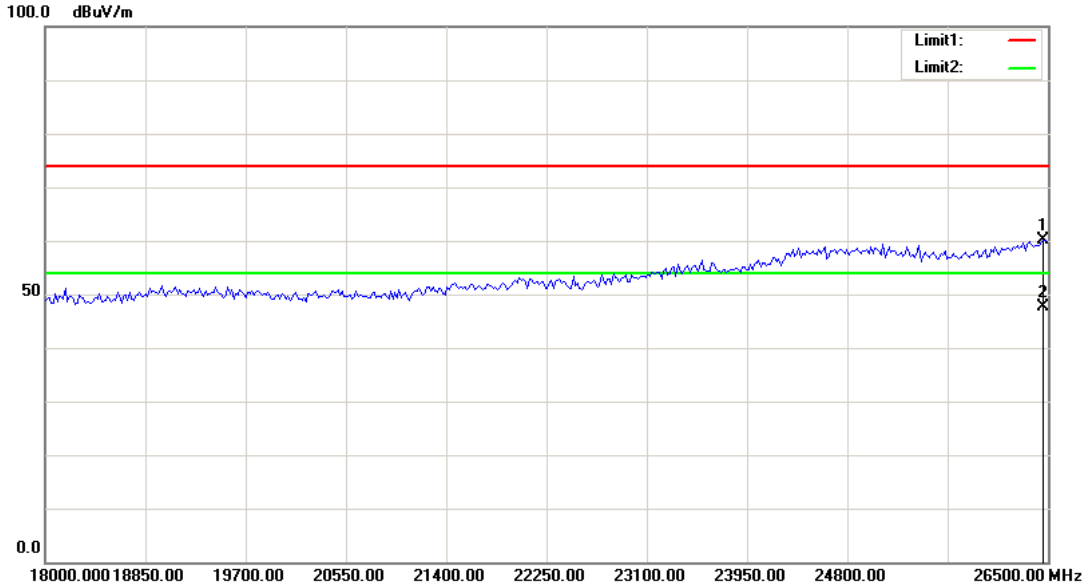
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17889.000	41.91	peak	16.34	58.25	74.00	15.75
17889.000	29.45	AVG	16.34	45.79	54.00	8.21

Horizontal:



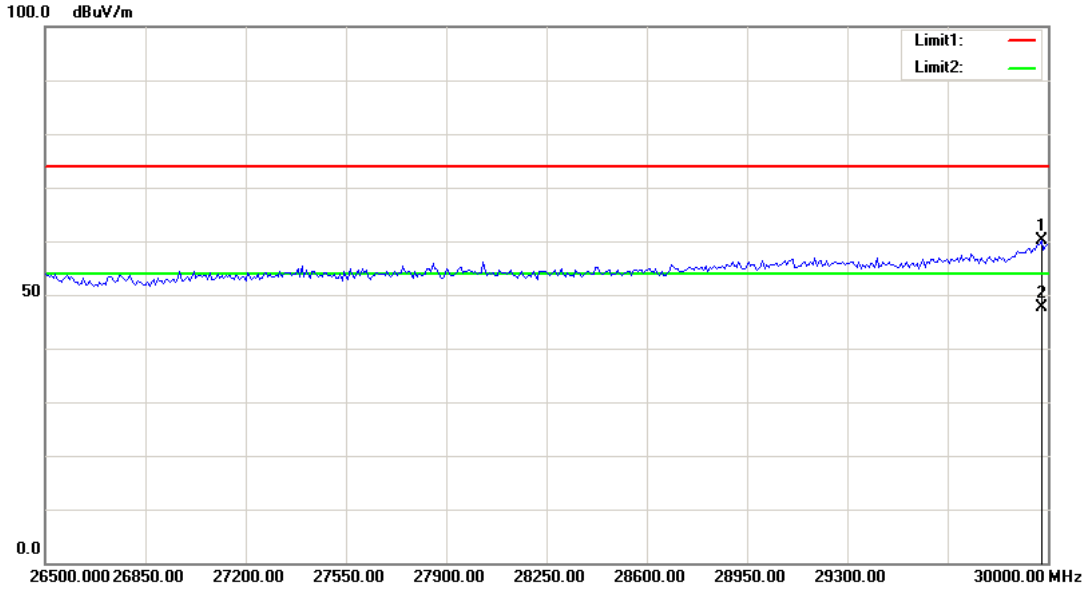
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26380.762	39.01	peak	21.32	60.33	74.00	13.67
26380.762	26.50	AVG	21.32	47.82	54.00	6.18

Vertical:



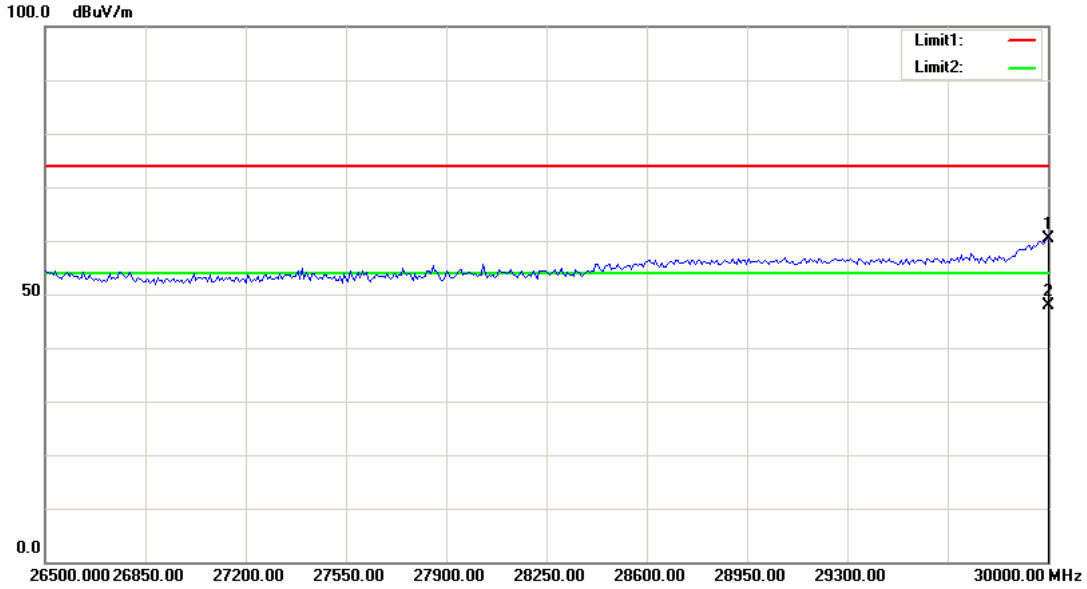
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26465.932	38.40	peak	21.69	60.09	74.00	13.91
26465.932	25.89	AVG	21.69	47.58	54.00	6.42

Horizontal:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
29978.958	43.51	peak	16.57	60.08	74.00	13.92
29978.958	31.10	AVG	16.57	47.67	54.00	6.33

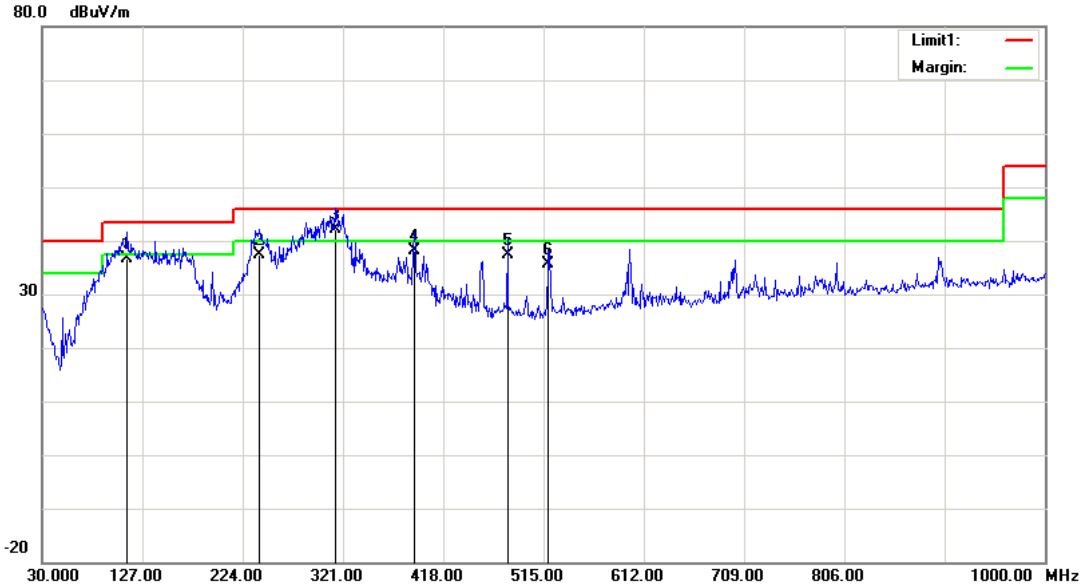
Vertical:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
30000.000	43.69	peak	16.71	60.40	74.00	13.60
30000.000	31.20	AVG	16.71	47.91	54.00	6.09

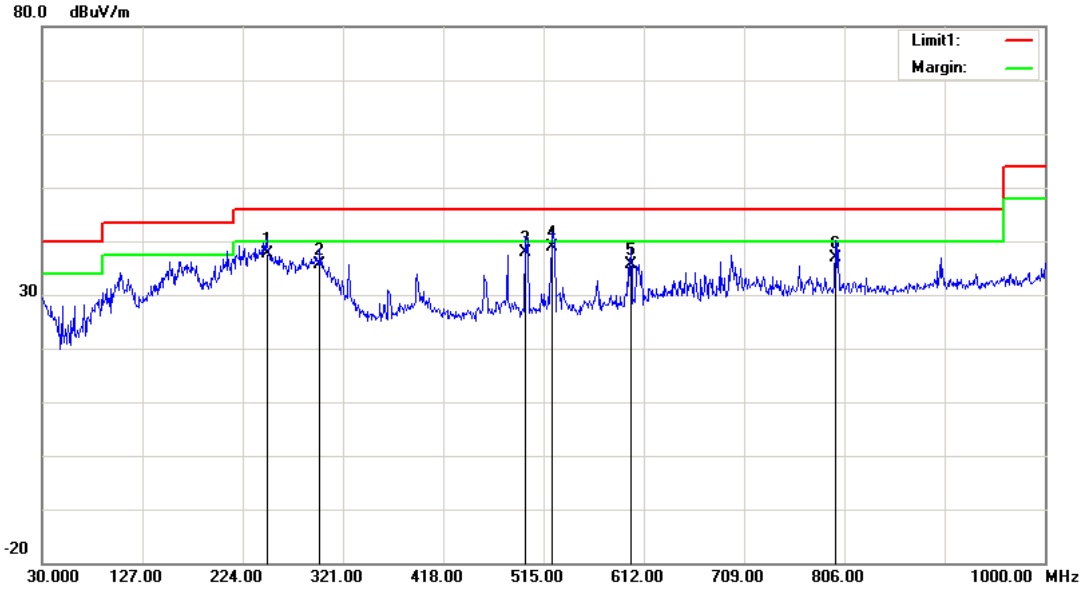
3) Model: M200 V2

Horizontal:



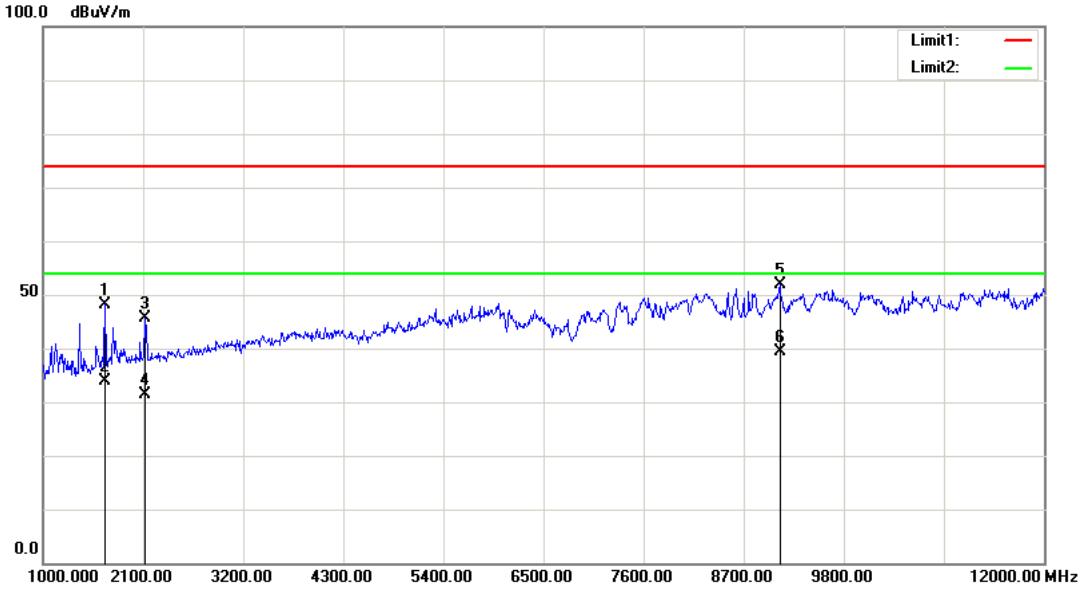
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
112.4500	42.49	QP	-5.79	36.70	43.50	6.80
239.5200	43.48	QP	-5.98	37.50	46.00	8.50
313.2400	45.59	QP	-3.49	42.10	46.00	3.90
389.8700	40.43	QP	-2.33	38.10	46.00	7.90
480.0800	37.74	QP	-0.24	37.50	46.00	8.50
519.8500	35.49	QP	0.11	35.60	46.00	10.40

Vertical:



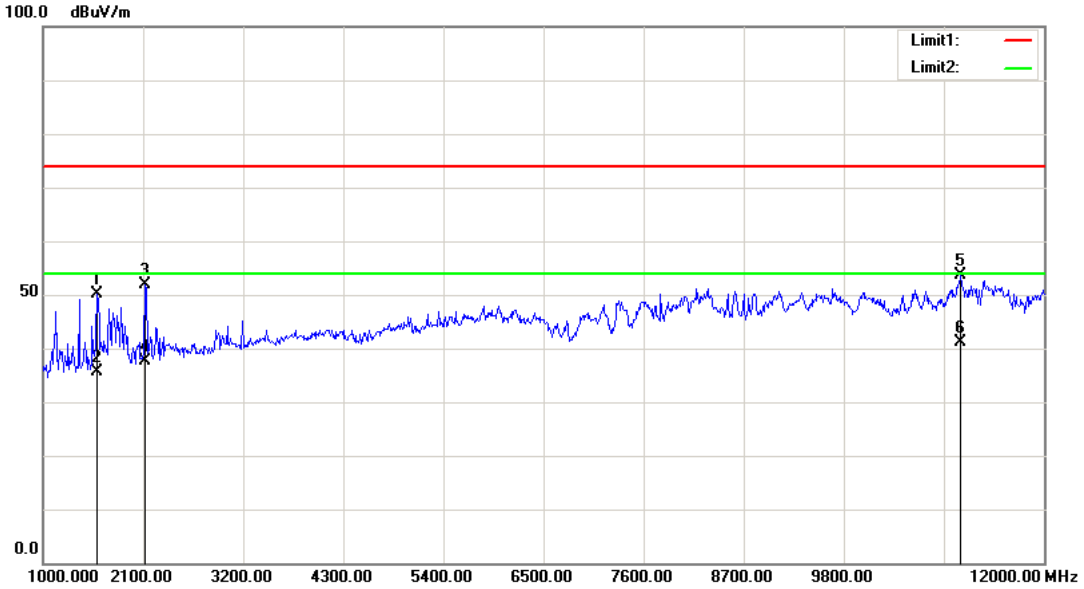
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
247.2800	43.51	QP	-5.91	37.60	46.00	8.40
298.6900	39.60	QP	-3.90	35.70	46.00	10.30
497.5400	38.09	QP	-0.29	37.80	46.00	8.20
523.7300	38.77	QP	0.13	38.90	46.00	7.10
599.3900	34.59	QP	1.01	35.60	46.00	10.40
797.2700	32.60	QP	4.40	37.00	46.00	9.00

Horizontal:



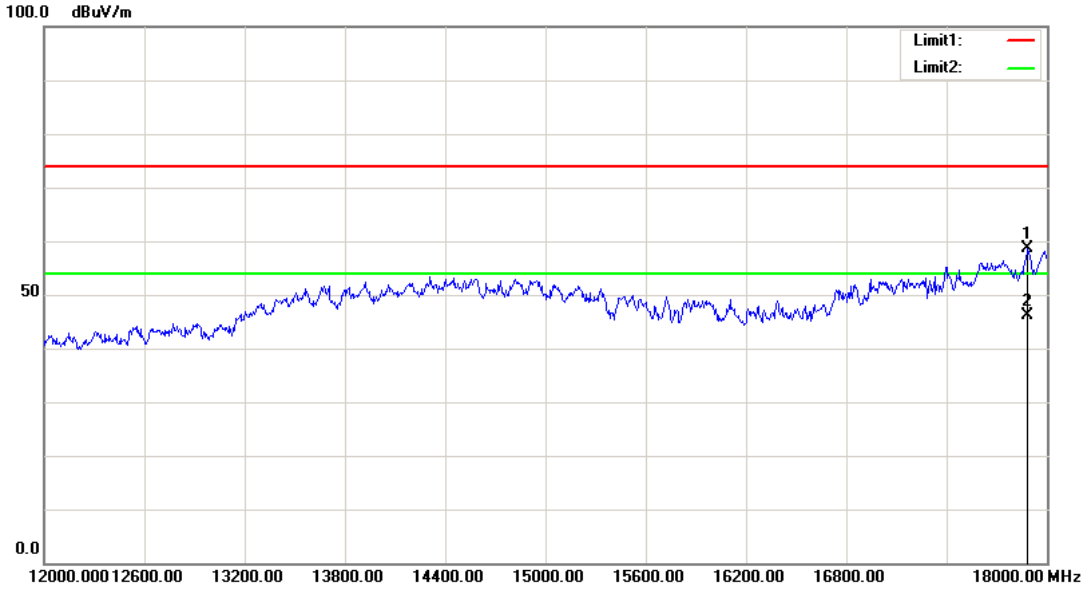
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1682.000	56.76	peak	-8.51	48.25	74.00	25.75
1682.000	42.34	AVG	-8.51	33.83	54.00	20.17
2127.500	52.63	peak	-6.94	45.69	74.00	28.31
2127.500	38.40	AVG	-6.94	31.46	54.00	22.54
9101.500	45.44	peak	6.41	51.85	74.00	22.15
9101.500	33.04	AVG	6.41	39.45	54.00	14.55

Vertical:



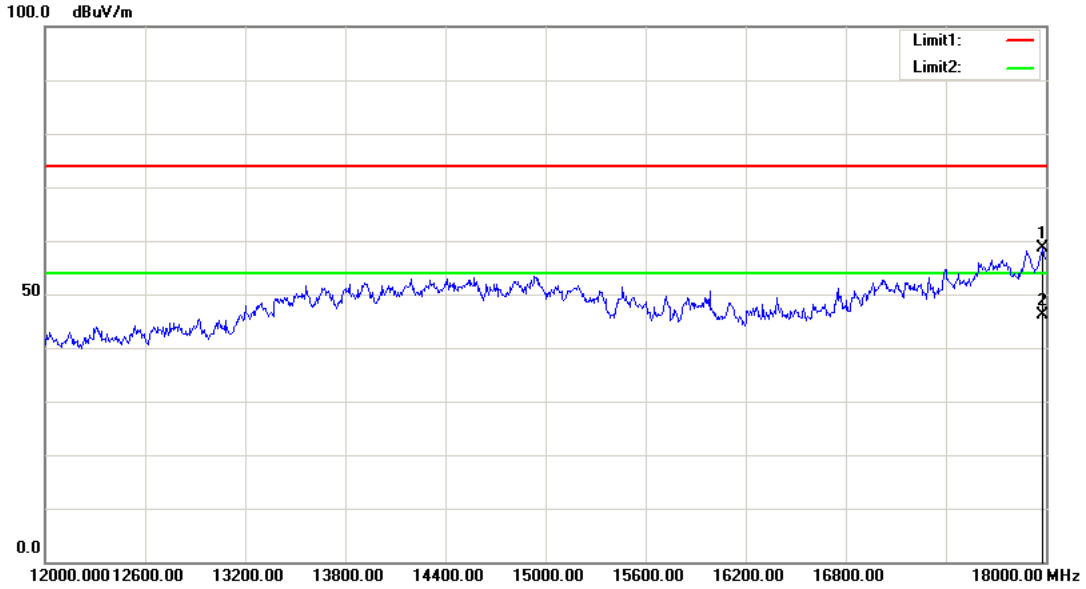
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1594.000	58.85	peak	-8.74	50.11	74.00	23.89
1594.000	44.37	AVG	-8.74	35.63	54.00	18.37
2127.500	58.76	peak	-6.94	51.82	74.00	22.18
2127.500	44.46	AVG	-6.94	37.52	54.00	16.48
11087.000	45.47	peak	8.05	53.52	74.00	20.48
11087.000	33.04	AVG	8.05	41.09	54.00	12.91

Horizontal:



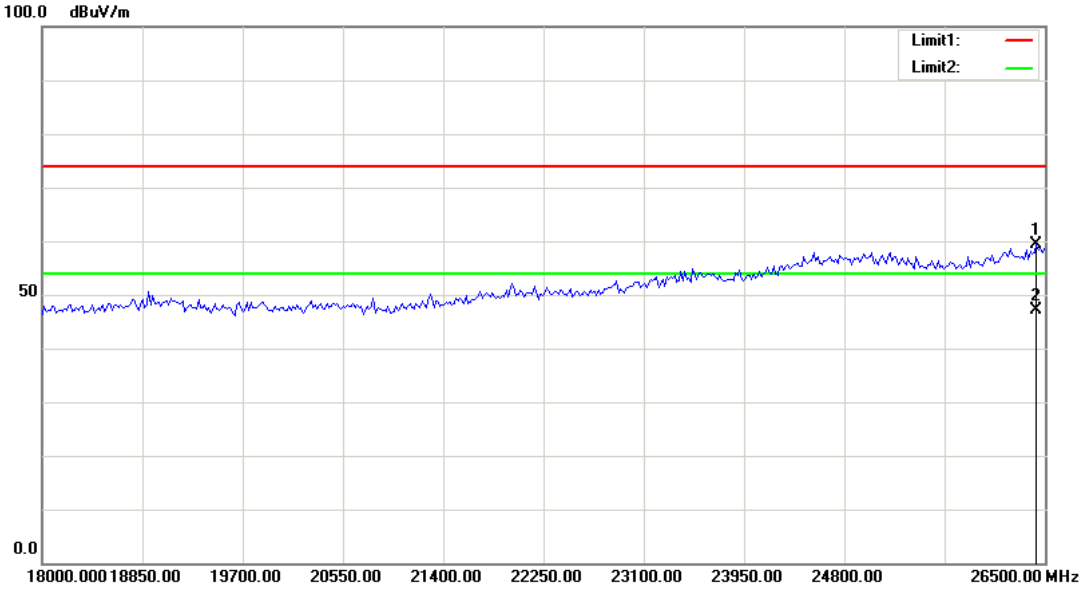
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17889.000	42.20	peak	16.34	58.54	74.00	15.46
17889.000	29.87	AVG	16.34	46.21	54.00	7.79

Vertical:



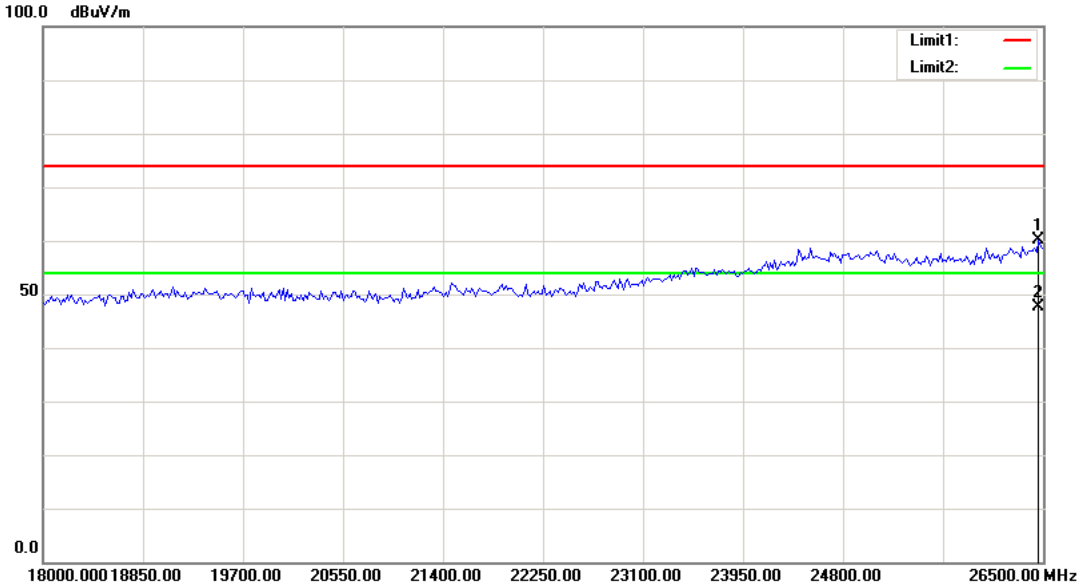
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
17982.000	41.52	peak	17.02	58.54	74.00	15.46
17982.000	29.10	AVG	17.02	46.12	54.00	7.88

Horizontal:



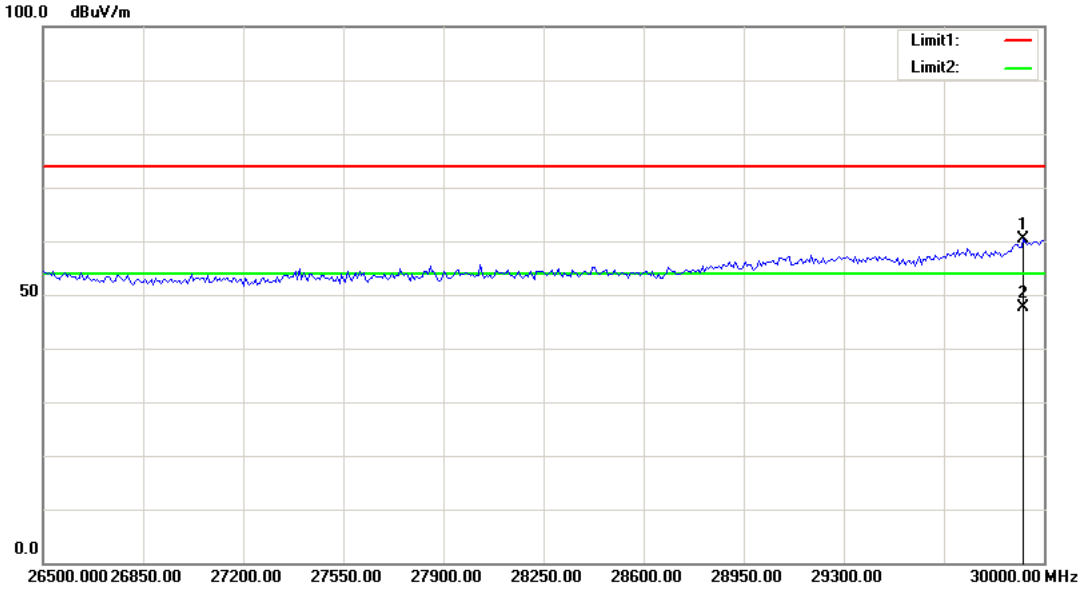
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26431.864	37.90	peak	21.54	59.44	74.00	14.56
26431.864	25.65	AVG	21.54	47.19	54.00	6.81

Vertical:



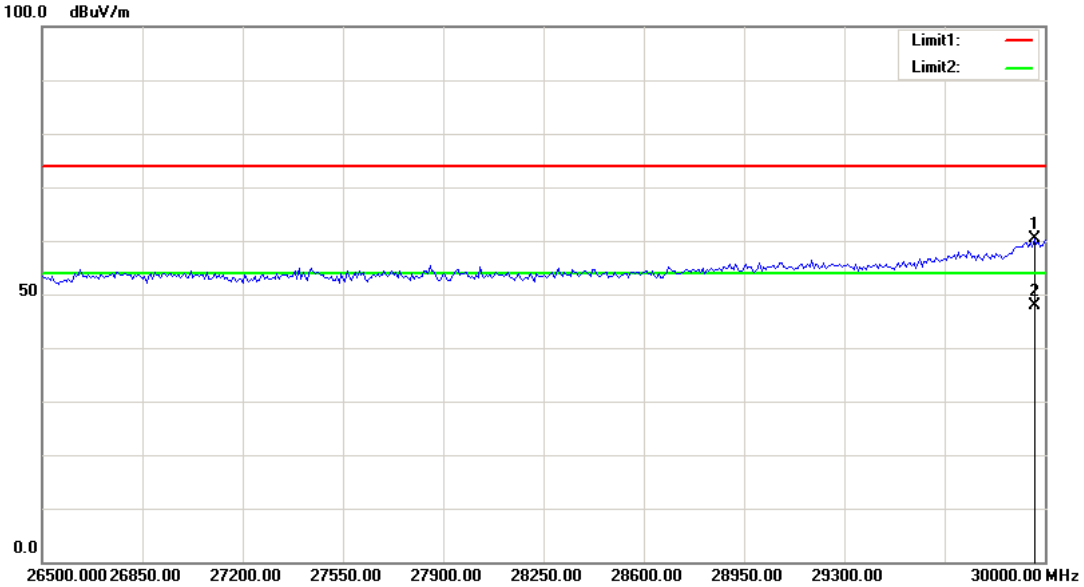
Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
26465.932	38.40	peak	21.69	60.09	74.00	13.91
26465.932	26.05	AVG	21.69	47.74	54.00	6.26

Horizontal:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
29929.860	44.07	peak	16.22	60.29	74.00	13.71
29929.860	31.50	AVG	16.22	47.72	54.00	6.28

Vertical:



Frequency (MHz)	Reading (dBµV)	Detector	Corrected dB/m	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
29964.930	43.98	peak	16.46	60.44	74.00	13.56
29964.930	31.41	AVG	16.46	47.87	54.00	6.13

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