



FCC CERTIFICATION REPORT

FCC Designation Number: TW1124

Test Report No. : MH/2020/C0072
Applicant : Sharp Corporation, Mobile Communication B.U.
Address : 2-13-1, Hachihonmatsu-lida, Higashi-hiroshima-shi, Hiroshima,
 739-0192, Japan
Manufacturer : Sharp Corporation
Address : 1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan

Equipment Under Test (EUT) :
Product Name : Smart phone

Standards : FCC Part 15 Subpart B (Class B)

Date of Sample Receipt : Dec. 14, 2020
Date of Test : Dec. 25, 2020 ~ Jan. 08, 2021
Date of Issue : Jan. 19, 2021

Test Result :	PASS
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In the configuration tested, the EUT complied with the standards specified above.

Remarks :

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Approved By Eddy Cheng
Eddy Cheng (Asst. Supervisor)

Date Jan. 19, 2021



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Revision History

Revision	Description	Issue Date	Remark
00	Original.	Jan. 19, 2021	MH/2020/C0072

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1. General Information

1.1 Applicant & Manufacturer Information

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 Manufacturer : Sharp Corporation
 Address of Manufacturer : 1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522,
 Japan

1.2 General Description of EUT

Product Name : Smart phone

1.3 Details of EUT

Power Supply : AC 100~240V, 50~60Hz
 Highest internal frequency : 5850 MHz
 Battery : 3.85V, 4570mAh, 17.28Wh
 Worst case : CE Worst case : Config 1~5
 Below 1GHz RE Worst case : Config 1~5
 Above 1GHz RE Worst case : Config 1~5

FCC ID : APYHRO00293	Memory	Main PCB	Ant PCB	Prox PCB	(Select which one is worst case)
1st Source	Vendor A	Vendor A	Vendor A	Vendor A	V
2nd Source	Vendor B	Vendor B	Vendor B	Vendor B	Worst case

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Accessories List: (Not bundled) AC Charger : Salom/XN-2QC25 Data Cable : Luxshare-ICT/L6KU2007-CS-H PHF : Ambibio / AB-HI02JS	Config 1	Config 2	Config 3	Config 4	Config 5
	Applicable standard				
	FCC 15B				
Accessories	EUT + AC Adaptor +USB Cable +PHF	EUT +USB Cable +PHF	EUT + AC Adaptor +USB Cable +PHF	EUT + AC Adaptor +USB Cable +PHF	EUT + AC Adaptor +USB Cable +PHF
Main function	Speech	Data Link	Camera	RX Receive	FM RX
Additional function	BT+WLAN2.4G/5G+GNSS+NFC				
Description					
radiated emission	GSM 850, 1900 WCDMA BII, BV LTE B02, 05, 07, 38, 41	Data R/W	MP3/ ;REC mode (Front/Back) ;play REC	GSM 850 WCDMA BV LTE B05	FM 88.1/ FM 98.1/ FM 107.9
conducted emission (DC Power)	NA	NA	NA	NA	NA
conducted emission (AC Power)	GSM 850, 1900 WCDMA BII, BV LTE B02, 05, 07, 38, 41	Data R/W	MP3/ ;REC mode (Front/Back) ;play REC	GSM 850 WCDMA BV LTE B05	FM 88.1/ FM 98.1/ FM 107.9

1.4 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
SIM Card	R&S	CMW-Z05	8952530076180138474
Micro SD	Transcend	Micro SDHC(Class 10)	TS32GUSDU1
BT Speaker	Creative	MF8090	YFMF8090245R00855Y
Radio Communication Analyzer	R&S	CMU200	102189
Radio Communication Analyzer	R&S	CMW500	1201.002K50-152303-Zr
AP	BUFFALO	WZR-HP-G300NH2	44066221202559[[G]]
GPS Signal Generator	Spectracom	GSG53 GNSS4	200218
Notebook (CE, HRE)	Lenovo	TP00109A	SL10N19265
Notebook (RE)	DELL	P56F	59WSJ72
Mouse	Logitech	M-U0026	1738HS05FGU8
Earphone	Ambibio	AB-HI02JS	N/A
Adapter	Salom	XN-2QC25	N/A
TMC/FM Generator	Levear	VP-8194D	0821170LA

Support Equipment Used in Tested Cable

Cable Type	Core	Length	Shielding/Non-shielding
USB cable	N/A	1m	Shielding
USB cable	N/A	1.5m	Shielding
Earphone cable	N/A	1.5m	Non-shielding

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1.5 Operation Procedure

Config 1

1. Install SIM Card & Micro SD Card & Earphone in EUT, connect to designated Adapter with USB Cable and turn it on.
2. Turn on BT and Link BT Speaker.
3. Turn on Wifi and NB Link to WiFi-AP, NB ping EUT IP Address.
4. Set up a GPS simulator and execute GPS Test.app.
5. Before and after the test, confirm the NFC function.
6. Set up the base station and set Link/Idle in according to config table.
7. Start the test.

Config 2

1. Install SIM Card & Micro SD Card & Earphone in EUT, connect to NB with USB Cable and turn it on.
2. Turn on BT and Link BT Speaker.
3. Turn on Wifi and NB Link to WiFi-AP, NB ping EUT IP Address.
4. Set up a GPS simulator and execute GPS Test.app.
5. Before and after the test, confirm the NFC function.
6. NB executes data R/W with EUT according to config table.
7. Start the test.

Config 3

1. Install SIM Card & Micro SD Card & Earphone in EUT, connect to designated Adapter with USB Cable and turn it on.
2. Turn on BT and Link BT Speaker.
3. Turn on Wifi and NB Link to WiFi-AP, NB ping EUT IP Address.
4. Set up a GPS simulator and execute GPS Test.app.
5. Before and after the test, confirm the NFC function.
6. Execute Camera(Front/Back) Record / Play REC / MP3 function according to config table.
7. Start the test.

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Config 4

1. Install SIM Card & Micro SD Card & Earphone in EUT, connect to designated Adapter with USB Cable and turn it on.
2. Turn on BT and Link BT Speaker.
3. Turn on Wifi and NB Link to WiFi-AP, NB ping EUT IP Address.
4. Set up a GPS simulator and execute GPS Test.app.
5. Before and after the test, confirm the NFC function.
6. Set up the base station and set the Rx Receive in according to config table.
7. Start the test.

Config 5

1. Install SIM Card & Micro SD Card & Earphone in EUT, connect to designated Adapter with USB Cable and turn it on.
2. Turn on BT and Link BT Speaker.
3. Turn on Wifi and NB Link to WiFi-AP, NB ping EUT IP Address.
4. Set up a GPS simulator and execute GPS Test.app.
5. Before and after the test, confirm the NFC function.
6. Execute FM function according to config table. (FM 88.1 /FM 98.1 /FM107.9)
7. Start the test.

1.6 Modification List

No modification was made by SGS Taiwan Electromagnetic Compatibility Laboratory.

1.7 Accessories Cable List

Cable Type	Core	Length	Shielding/Non-shielding
N/A	N/A	N/A	N/A

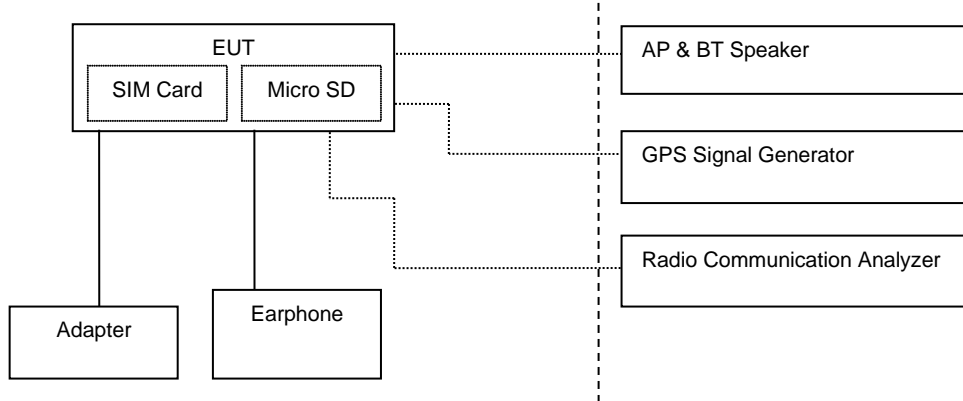
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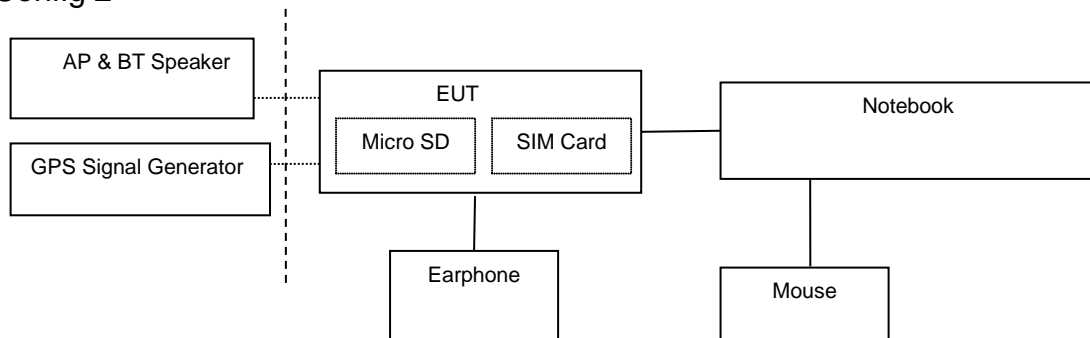


1.8 Test Set-Up Configuration

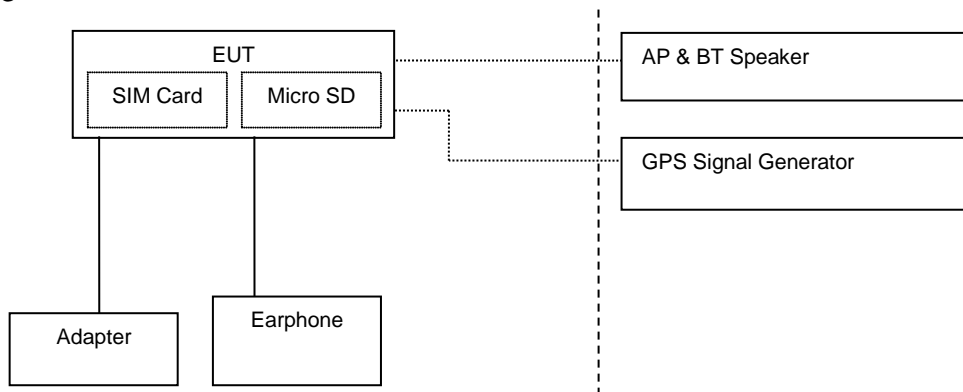
Config 1 & 4



Config 2



Config 3



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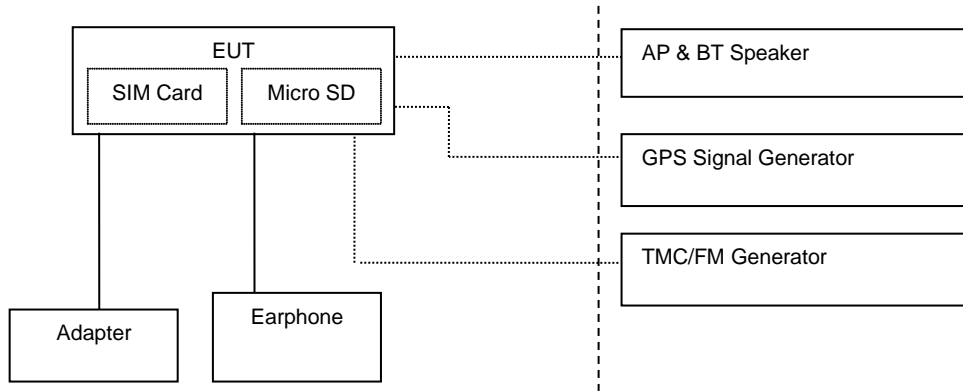
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Config 5



1.9 Measurement Procedure

Conducted Emission Testing was performed according to ANSI C63.4:2014 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4:2014 at the 3/10m semi-anechoic chamber. The EUT was placed on a 0.8m high table along with the peripherals. The turn table was placed 3/10m distance from the antenna. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for production of maximum emission.

The frequency and amplitude of the worse emissions were measured at varying azimuths, antenna heights and antenna polarities. Maximum emission levels are then reported.

1.10 Standards Applicable for Testing

Tests to be carried out under FCC Part 15 Subpart B/CISPR 22

Test Standards	Status
FCC Part 15 Subpart B CISPR 22	Applicable
Deviation from Standard	No deviation

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1.11 Decision Rules of Results

Reported measurement data comply with FCC Part 15 Subpart B.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

1.12 Summary of Results

Standard	Test Type	Result
FCC Part 15 Subpart B (Class B)	Conducted Emission	PASS
	Radiated Emission	PASS

1.13 Reporting Statements of Conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2. EMISSION

2.1 Test Results

	Results
Conducted Emission	Pass
Radiated Emission	Pass

2.2 Frequency Range

FCC Part 15 Subpart B:

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
500 - 1000	2000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

ISED ICES-003:

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest Frequency Generated or Used in Device (MHz)	Upper Frequency of Radiated Measurement (MHz)
Below 1.705	No radiated testing required
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

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2.3 Limits of Conducted and Radiated Emission

2.3.1 Limits of Conducted Emission

FCC Part 15 Subpart B / ISED ICES-003:

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi - peak	Average	Quasi - peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Note : (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

2.3.2 Limits of Radiated Emissions

FCC Part 15 Subpart B / ISED ICES-003 Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10 m)	Class B (at 3 m)
	dBuV/m	dBuV/m
30~88	39	40
88~216	43.5	43.5
216~960	46.4	46
960~1000	49.5	54

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV/m) (at 3 m)		Class B (dBuV/m) (at 3 m)	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54

CISPR 22 Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10 m)	Class B (at 10 m)
	dBuV/m	dBuV/m
30~230	40	30
230~1000	47	37

Note: 1. The lower limit shall apply at the transition frequency.

2. Additional provisions may be required for cases where interference occurs.

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2.4. Test of Conducted Emission

2.4.1 Test Equipments

SGS Conducted_Emission HWAYA Conducted Room No.B EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 7	100924	2020/10/28	2021/10/27
Coaxial Cables	EMC Instruments Corp.	HY-CEB-CABLE	HYCE-2000-02	2020/12/15	2021/12/14
Pulse Limiter	R&S	ESH3Z2	102099	2020/6/16	2021/6/15
LISN	TESEQ	NNB 51	36061	2020/2/27	2021/2/26
LISN	TESEQ	NNB 51	36062	2020/4/17	2021/4/16
Communication Tester	R&S	CMU200	114273	2020/5/31	2021/5/30
Communication Tester	R&S	CMW500	152303	2020/2/24	2021/2/23
Communication Tester	Anritsu	MT8820C	6201300479	2020/11/4	2021/11/3
Test Software	Farad	EZ-EMC	Ver. SGS-03A2-5	N.C.R.	N.C.R.
Testing Site : No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan					
Measurement Uncertainty of Conducted Emission					
Expanded uncertainty Ulab (k=2) of Conducted Emission is 2.28 dB.					
Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Conducted Emission measurement is 3.44 dB.					

2.4.2 Measurement Level Calculation

Factor = LISN insertion loss + Cable loss + Pulse Limiter insertion loss

Measurement Level = Reading Level + Factor

Over (Margin) = Measurement Level – Limit

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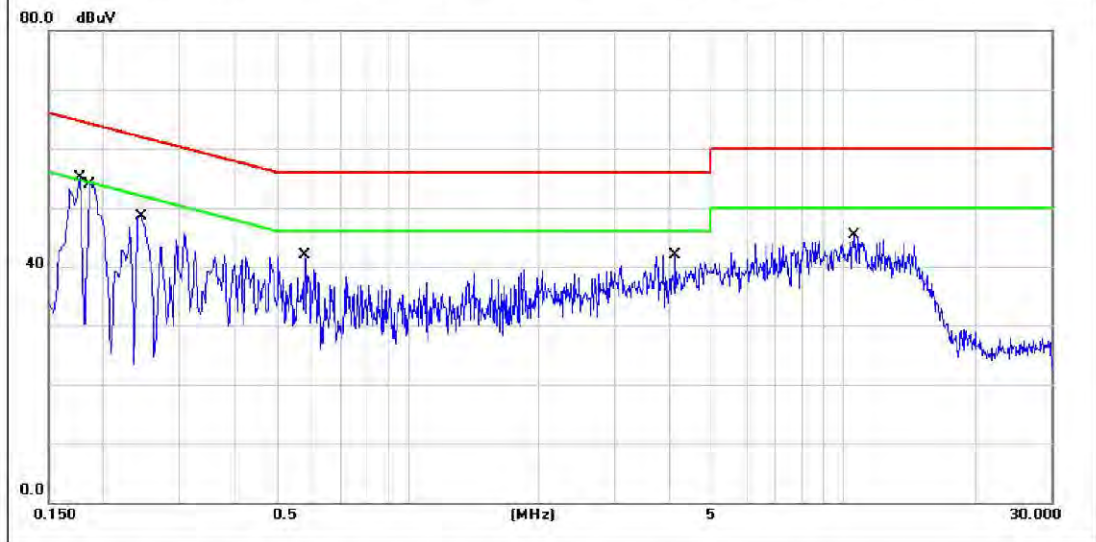


2.4.3 Measurement Data:

Config_1_L

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 03:07:12
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 21 °C
Mode: Config_1	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1	*	0.1770	31.79	19.75	51.54	64.63	-13.09	QP	
2		0.1770	16.09	19.75	35.84	54.63	-18.79	AVG	
3		0.1860	30.90	19.75	50.65	64.21	-13.56	QP	
4		0.1860	16.94	19.75	36.69	54.21	-17.52	AVG	
5		0.2445	25.37	19.83	45.20	61.94	-16.74	QP	
6		0.2445	11.03	19.83	30.86	51.94	-21.08	AVG	
7		0.5820	13.10	20.26	33.36	56.00	-22.64	QP	
8		0.5820	3.53	20.26	23.79	46.00	-22.21	AVG	
9		4.1280	14.39	20.28	34.67	56.00	-21.33	QP	
10		4.1280	5.55	20.28	25.83	46.00	-20.17	AVG	
11		10.5945	15.44	20.06	35.50	60.00	-24.50	QP	
12		10.5945	6.65	20.06	26.71	50.00	-23.29	AVG	

*:Maximum data x:Over limit l:over margin

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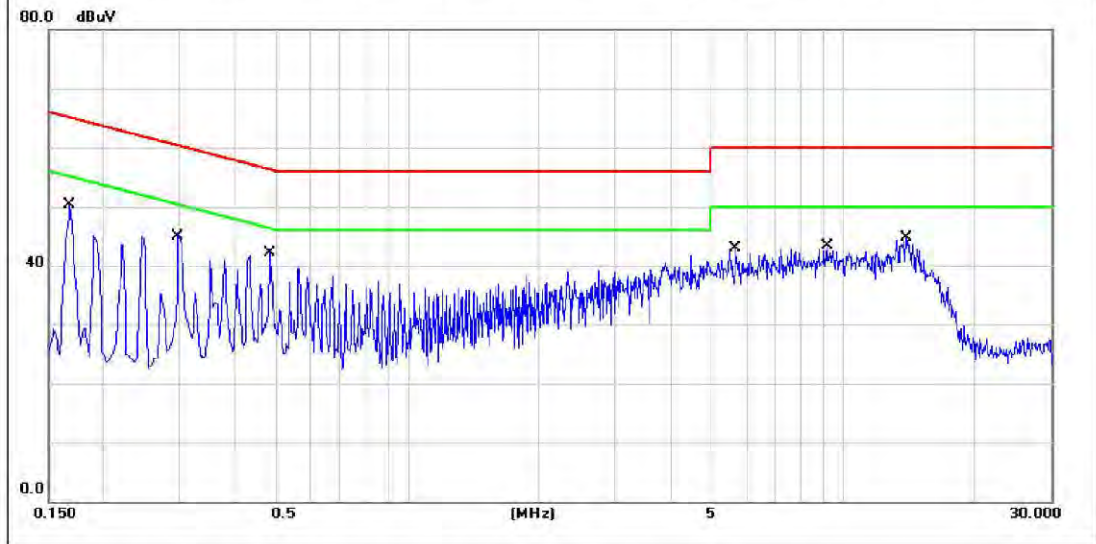
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Config_1_N

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 03:11:51
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 21 °C
Mode: Config_1	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1680	23.26	19.74	43.00	65.06	-22.06	QP	
2		0.1680	7.41	19.74	27.15	55.06	-27.91	AVG	
3		0.2985	21.41	19.93	41.34	60.28	-18.94	QP	
4		0.2985	7.73	19.93	27.66	50.28	-22.62	AVG	
5	*	0.4830	17.63	20.29	37.92	56.29	-18.37	QP	
6		0.4830	6.36	20.29	26.65	46.29	-19.64	AVG	
7		5.6535	15.66	20.08	35.74	60.00	-24.26	QP	
8		5.6535	6.64	20.08	26.72	50.00	-23.28	AVG	
9		9.1770	16.29	20.04	36.33	60.00	-23.67	QP	
10		9.1770	7.36	20.04	27.40	50.00	-22.60	AVG	
11		13.9425	16.49	20.13	36.62	60.00	-23.38	QP	
12		13.9425	5.70	20.13	25.83	50.00	-24.17	AVG	

*:Maximum data x:Over limit l:over margin

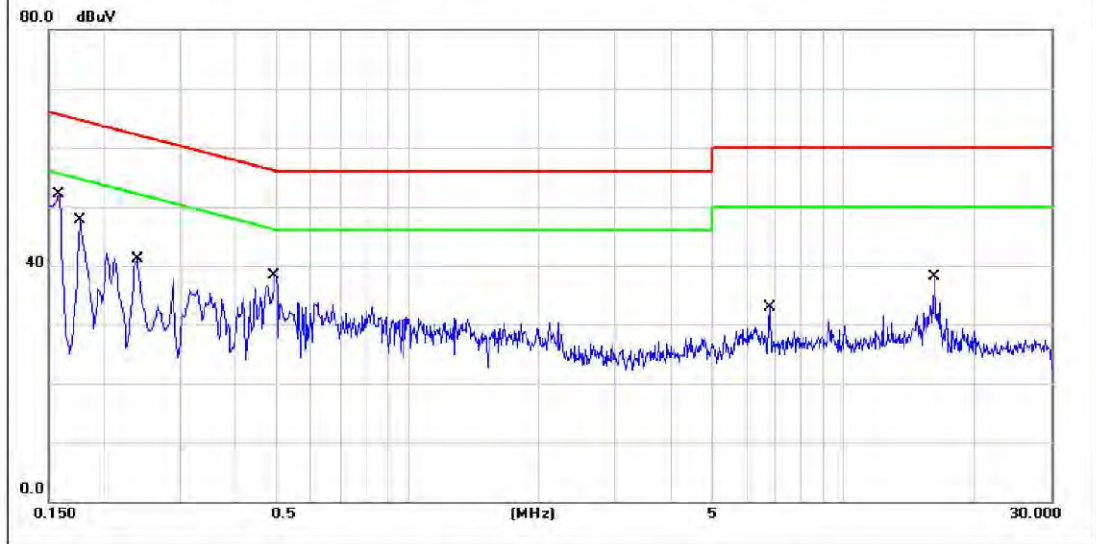
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Config_2_L

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 09:02:19
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 21 °C
Mode: Config_2	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1	*	0.1590	27.65	19.76	47.41	65.52	-18.11	QP	
2		0.1590	12.15	19.76	31.91	55.52	-23.61	AVG	
3		0.1770	25.50	19.75	45.25	64.63	-19.38	QP	
4		0.1770	12.94	19.75	32.69	54.63	-21.94	AVG	
5		0.2400	17.74	19.82	37.56	62.10	-24.54	QP	
6		0.2400	7.71	19.82	27.53	52.10	-24.57	AVG	
7		0.4965	14.55	20.32	34.87	56.06	-21.19	QP	
8		0.4965	5.04	20.32	25.36	46.06	-20.70	AVG	
9		6.7965	5.20	20.07	25.27	60.00	-34.73	QP	
10		6.7965	3.03	20.07	23.10	50.00	-26.90	AVG	
11		16.1474	7.53	20.17	27.70	60.00	-32.30	QP	
12		16.1474	1.23	20.17	21.40	50.00	-28.60	AVG	

*:Maximum data x:Over limit l:over margin

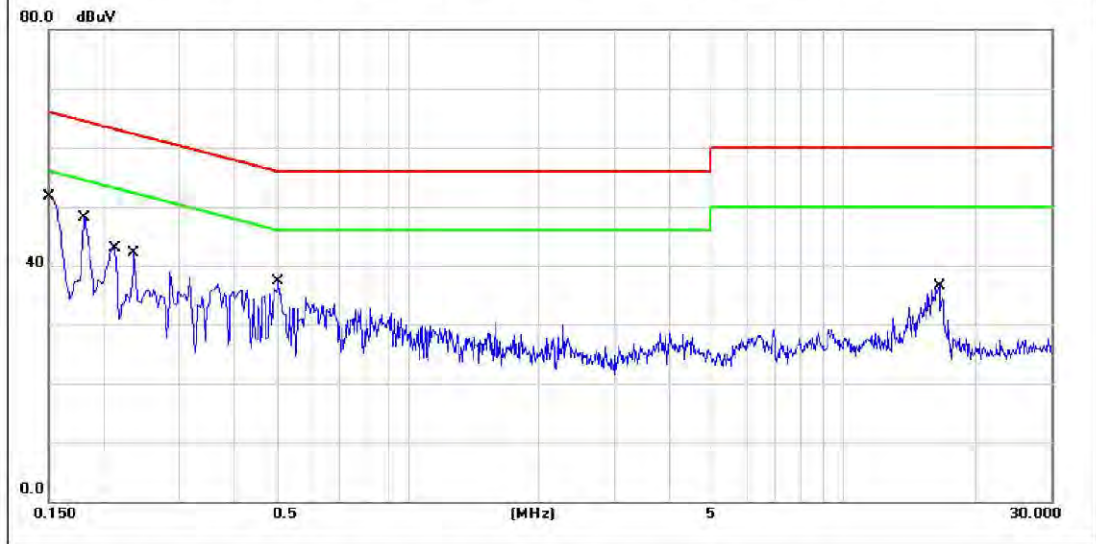
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Config_2_N

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 09:06:42
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 21 °C
Mode: Config_2	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1	*	0.1500	30.49	19.75	50.24	66.00	-15.76	QP	
2		0.1500	17.06	19.75	36.81	56.00	-19.19	AVG	
3		0.1815	24.95	19.74	44.69	64.42	-19.73	QP	
4		0.1815	12.30	19.74	32.04	54.42	-22.38	AVG	
5		0.2130	20.50	19.76	40.26	63.09	-22.83	QP	
6		0.2130	11.17	19.76	30.93	53.09	-22.16	AVG	
7		0.2355	18.79	19.80	38.59	62.25	-23.66	QP	
8		0.2355	10.51	19.80	30.31	52.25	-21.94	AVG	
9		0.5055	15.08	20.32	35.40	56.00	-20.60	QP	
10		0.5055	7.78	20.32	28.10	46.00	-17.90	AVG	
11		16.6290	8.28	20.20	28.48	60.00	-31.52	QP	
12		16.6290	2.80	20.20	23.00	50.00	-27.00	AVG	

*:Maximum data x:Over limit l:over margin

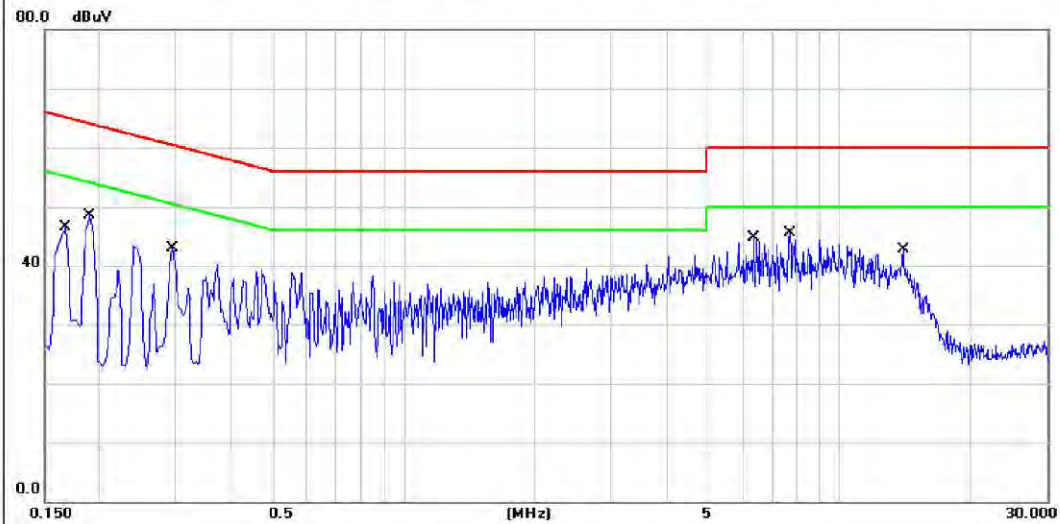
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Config_3_L

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 03:24:16
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 21 °C
Mode: Config_3	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1680	21.09	19.75	40.84	65.06	-24.22	QP	
2		0.1680	6.54	19.75	26.29	55.06	-28.77	AVG	
3	*	0.1905	23.82	19.74	43.56	64.01	-20.45	QP	
4		0.1905	7.68	19.74	27.42	54.01	-26.59	AVG	
5		0.2940	19.82	19.93	39.75	60.41	-20.66	QP	
6		0.2940	6.89	19.93	26.82	50.41	-23.59	AVG	
7		6.3645	15.11	20.07	35.18	60.00	-24.82	QP	
8		6.3645	7.49	20.07	27.56	50.00	-22.44	AVG	
9		7.7145	14.94	20.07	35.01	60.00	-24.99	QP	
10		7.7145	7.04	20.07	27.11	50.00	-22.89	AVG	
11		14.0190	14.45	20.12	34.57	60.00	-25.43	QP	
12		14.0190	4.57	20.12	24.69	50.00	-25.31	AVG	

*:Maximum data x:Over limit l:over margin

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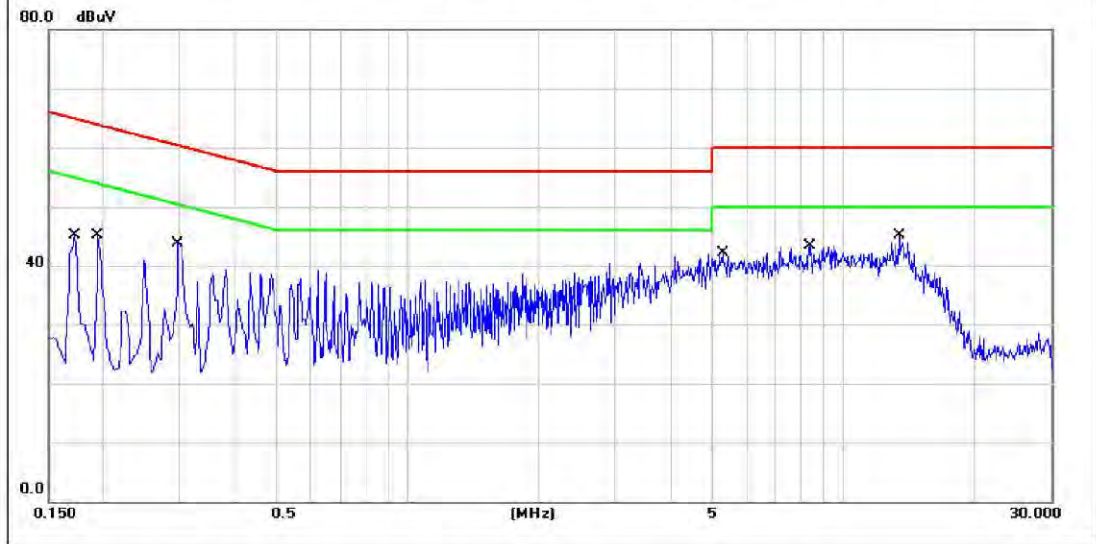
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Config_3_N

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 03:28:31
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 21 °C
Mode: Config_3	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1725	24.33	19.74	44.07	64.84	-20.77	QP	
2		0.1725	8.88	19.74	28.62	54.84	-26.22	AVG	
3		0.1950	20.39	19.73	40.12	63.82	-23.70	QP	
4		0.1950	3.48	19.73	23.21	53.82	-30.61	AVG	
5	*	0.2985	19.87	19.93	39.80	60.28	-20.48	QP	
6		0.2985	8.20	19.93	28.13	50.28	-22.15	AVG	
7		5.2980	15.97	20.07	36.04	60.00	-23.96	QP	
8		5.2980	7.11	20.07	27.18	50.00	-22.82	AVG	
9		8.4075	16.52	20.04	36.56	60.00	-23.44	QP	
10		8.4075	7.32	20.04	27.36	50.00	-22.64	AVG	
11		13.4385	16.81	20.11	36.92	60.00	-23.08	QP	
12		13.4385	5.67	20.11	25.78	50.00	-24.22	AVG	

*:Maximum data x:Over limit l:over margin

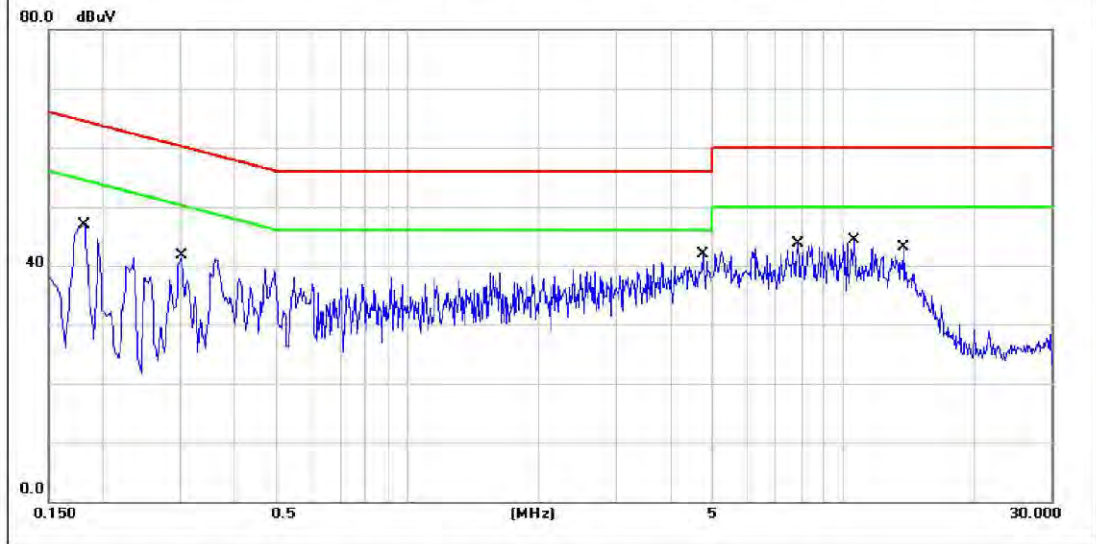
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Config_4_L

Site: : Conduction Room B	Date: 2020/12/25	Time: 上午 03:43:47
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 21 °C
Mode: Config_4	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1	*	0.1815	25.94	19.75	45.69	64.42	-18.73	QP	
2		0.1815	14.22	19.75	33.97	54.42	-20.45	AVG	
3		0.3030	19.63	19.94	39.57	60.16	-20.59	QP	
4		0.3030	11.17	19.94	31.11	50.16	-19.05	AVG	
5		4.7535	14.82	20.15	34.97	56.00	-21.03	QP	
6		4.7535	6.93	20.15	27.08	46.00	-18.92	AVG	
7		7.8720	14.14	20.06	34.20	60.00	-25.80	QP	
8		7.8720	6.83	20.06	26.89	50.00	-23.11	AVG	
9		10.6080	13.69	20.06	33.75	60.00	-26.25	QP	
10		10.6080	5.95	20.06	26.01	50.00	-23.99	AVG	
11		13.7760	13.38	20.12	33.50	60.00	-26.50	QP	
12		13.7760	4.21	20.12	24.33	50.00	-25.67	AVG	

*:Maximum data x:Over limit l:over margin

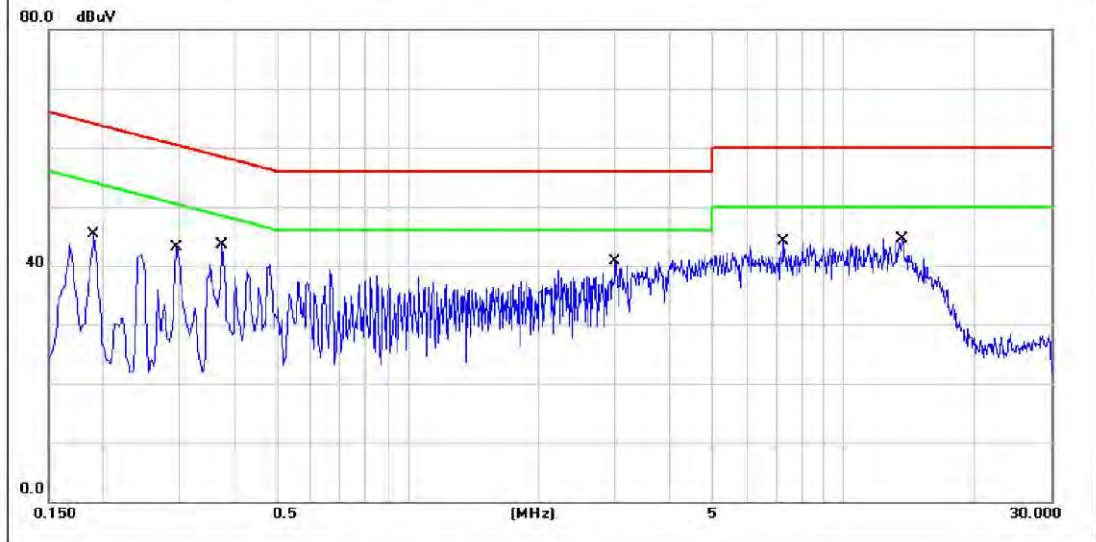
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Config_4_N

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 03:48:02
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 21 °C
Mode: Config_4	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1905	20.27	19.73	40.00	64.01	-24.01	QP	
2		0.1905	4.81	19.73	24.54	54.01	-29.47	AVG	
3		0.2940	17.94	19.92	37.86	60.41	-22.55	QP	
4		0.2940	5.57	19.92	25.49	50.41	-24.92	AVG	
5	*	0.3750	18.02	20.07	38.09	58.39	-20.30	QP	
6		0.3750	6.01	20.07	26.08	48.39	-22.31	AVG	
7		2.9940	12.38	20.53	32.91	56.00	-23.09	QP	
8		2.9940	3.76	20.53	24.29	46.00	-21.71	AVG	
9		7.3005	15.92	20.05	35.97	60.00	-24.03	QP	
10		7.3005	7.14	20.05	27.19	50.00	-22.81	AVG	
11		13.6590	16.84	20.12	36.96	60.00	-23.04	QP	
12		13.6590	5.55	20.12	25.67	50.00	-24.33	AVG	

*:Maximum data x:Over limit l:over margin

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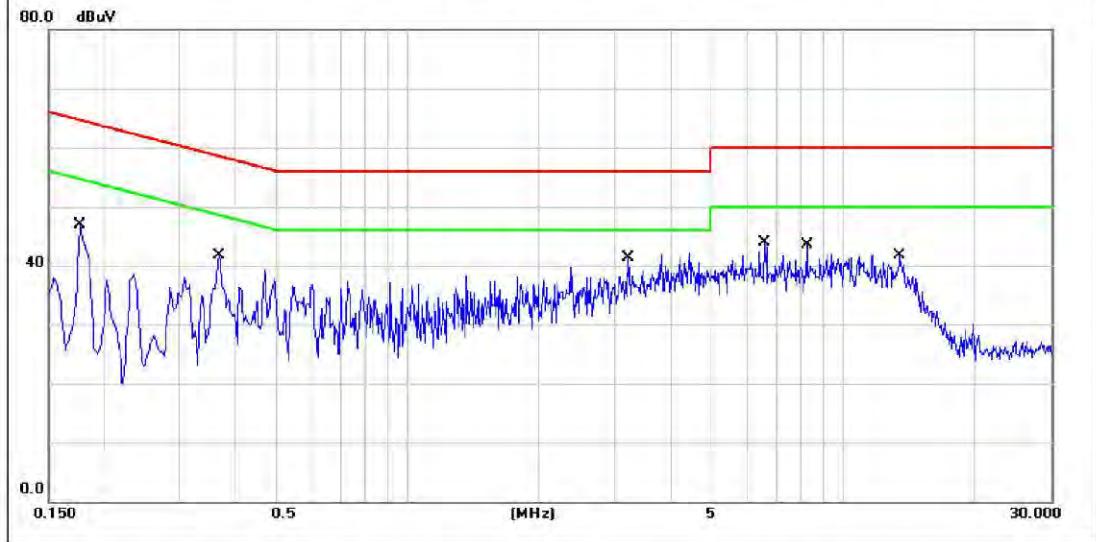
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Config_5_L

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 04:03:18
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 21 °C
Mode: Config_5	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1770	23.54	19.75	43.29	64.63	-21.34	QP	
2		0.1770	11.36	19.75	31.11	54.63	-23.52	AVG	
3		0.3704	16.47	20.07	36.54	58.49	-21.95	QP	
4		0.3704	6.87	20.07	26.94	48.49	-21.55	AVG	
5		3.2100	12.86	20.49	33.35	56.00	-22.65	QP	
6	*	3.2100	4.34	20.49	24.83	46.00	-21.17	AVG	
7		6.6030	14.25	20.08	34.33	60.00	-25.67	QP	
8		6.6030	7.05	20.08	27.13	50.00	-22.87	AVG	
9		8.2365	14.00	20.06	34.06	60.00	-25.94	QP	
10		8.2365	6.75	20.06	26.81	50.00	-23.19	AVG	
11		13.5195	13.43	20.12	33.55	60.00	-26.45	QP	
12		13.5195	4.23	20.12	24.35	50.00	-25.65	AVG	

*:Maximum data x:Over limit l:over margin

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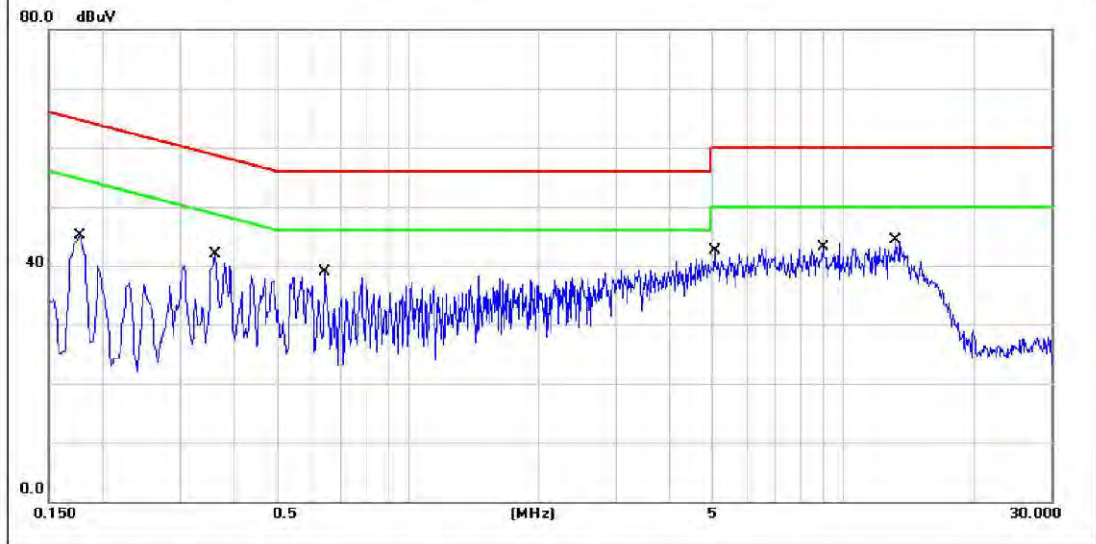
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Config_5_N

Site: Conduction Room B	Date: 2020/12/25	Time: 上午 04:07:31
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 21 °C
Mode: Config_5	Power: AC120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072		Air Pressure: 990 hpa
Tester: Vic Hsu		
Note:		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1770	23.69	19.74	43.43	64.63	-21.20	QP	
2		0.1770	10.74	19.74	30.48	54.63	-24.15	AVG	
3		0.3615	19.95	20.04	39.99	58.69	-18.70	QP	
4	*	0.3615	10.85	20.04	30.89	48.69	-17.80	AVG	
5		0.6450	10.60	20.20	30.80	56.00	-25.20	QP	
6		0.6450	0.36	20.20	20.56	46.00	-25.44	AVG	
7		5.0640	16.31	20.08	36.39	60.00	-23.61	QP	
8		5.0640	7.51	20.08	27.59	50.00	-22.41	AVG	
9		8.9700	16.39	20.04	36.43	60.00	-23.57	QP	
10		8.9700	7.18	20.04	27.22	50.00	-22.78	AVG	
11		13.1550	17.48	20.11	37.59	60.00	-22.41	QP	
12		13.1550	5.75	20.11	25.86	50.00	-24.14	AVG	

*:Maximum data x:Over limit l:over margin

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2.5 Test of Radiated Emission

2.5.1 Test Equipments

Below 1GHz

SGS Radiated_Below_1GHz HWAYA 10m_EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 7	100950	2020/11/30	2021/11/29
EMI Test Receiver	R&S	ESCI 3	101343	2020/2/17	2021/2/16
Broadband Antenna	SCHWAZBECK	VULB9168	9168-628	2020/9/8	2021/9/7
Broadband Antenna	SCHWAZBECK	VULB9168	9168-629	2020/9/14	2021/9/13
Loop Antenna	COM-POWER	AL-130	121060	2020/5/8	2021/5/7
Pre Amplifier	EMC Instruments	EMC330	980178	2020/3/31	2021/3/30
Pre Amplifier	EMC Instruments	EMC330	980179	2020/3/31	2021/3/30
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150917	2020/9/18	2021/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150919	2020/9/18	2021/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150820	2020/9/18	2021/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150918	2020/9/18	2021/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150821	2020/9/18	2021/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150822	2020/9/18	2021/9/17
Communication Tester	R&S	CMU200	114273	2020/5/31	2021/5/30
Communication Tester	R&S	CMW500	152303	2020/2/24	2021/2/23
Communication Tester	Anritsu	MT8820C	6201300479	2020/11/4	2021/11/3
Site NSA	SGS	10m Chamber	10M SAC	2020/12/31	2021/12/30
Test S/W	Farad	EZ-EMC	Ver. SGS 10m-03A2-5	N.C.R.	N.C.R.

Testing Site : No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan
 Measurement Uncertainty of Radiated Emission
 Expanded uncertainty Ulab (k=2) of Radiated Emission is 4.43 dB.(30MHz-1000MHz)
 Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is 5.22 dB.(30MHz-1000MHz)

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Above 1GHz

SGS Radiated_Above_1GHz HWAYA 966B_EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
Spectrum Analyzer	R&S	FSV 40	101419	2020/5/29	2021/5/28
EMI Test Receiver	R&S	ESR 7	101507	2020/8/27	2021/8/26
Horn Antenna	Schwarzbeck	BBHA9120D	BBHA9120D673	2020/11/23	2021/11/22
Horn Antenna	Schwarzbeck	BBHA9170	BBHA9170-184	2020/12/25	2021/12/24
Pre Amplifier	R&S	SCU-18	10203	2020/3/26	2021/3/25
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104	MY 5817/4	2020/3/26	2021/3/25
Pre Amplifier	EMC Instruments	EMC184045B	980135	2020/10/27	2021/10/26
Coaxial Cable	EMC Instruments	EMC104-SM-SM	140923	2020/9/29	2021/9/28
Coaxial Cable	EMC Instruments	EMC104-SM-SM	140925	2020/9/29	2021/9/28
Coaxial Cable	EMC Instruments	EMC104-SM-SM	140927	2020/9/29	2021/9/28
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	520415/2	2020/6/5	2021/6/4
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	2020/6/5	2021/6/4
Communication Tester	R&S	CMU200	114273	2020/5/31	2021/5/30
Communication Tester	R&S	CMW500	152303	2020/2/24	2021/2/23
Communication Tester	Anritsu	MT8820C	6201300479	2020/11/4	2021/11/3
Site VSWR	SGS	966 Chamber B	SAC-B	2020/10/8	2021/10/7
Test Software	Farad	EZ-EMC	Ver. SGS-03A2-5	N.C.R.	N.C.R.

Testing Site : No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan

Measurement Uncertainty of Radiated Emission

Expanded uncertainty U_{lab} (k=2) of Radiated Emission measurement is 4.90 dB.(1-6GHz)

Expanded uncertainty U_{lab} (k=2) of Radiated Emission measurement is 4.93 dB.(6-18GHz)

Expanded uncertainty U_{lab} (k=2) of Radiated Emission measurement is 4.72 dB.(18-26GHz)

Expanded uncertainty U_{lab} (k=2) of Radiated Emission measurement is 4.65 dB.(26-40GHz)

Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is 5.18 dB.(1-6GHz)

Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is 5.48 dB.(6-18GHz)

Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is --- dB.(18-26GHz)

Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is --- dB.(26-40GHz)

2.5.2 Measurement Level Calculation

Correction Factor = Antenna Factor + Cable loss- Amplifier Gain

Measurement Level = Reading Level + Correction Factor

Over (Margin) = Measurement Level – Limit

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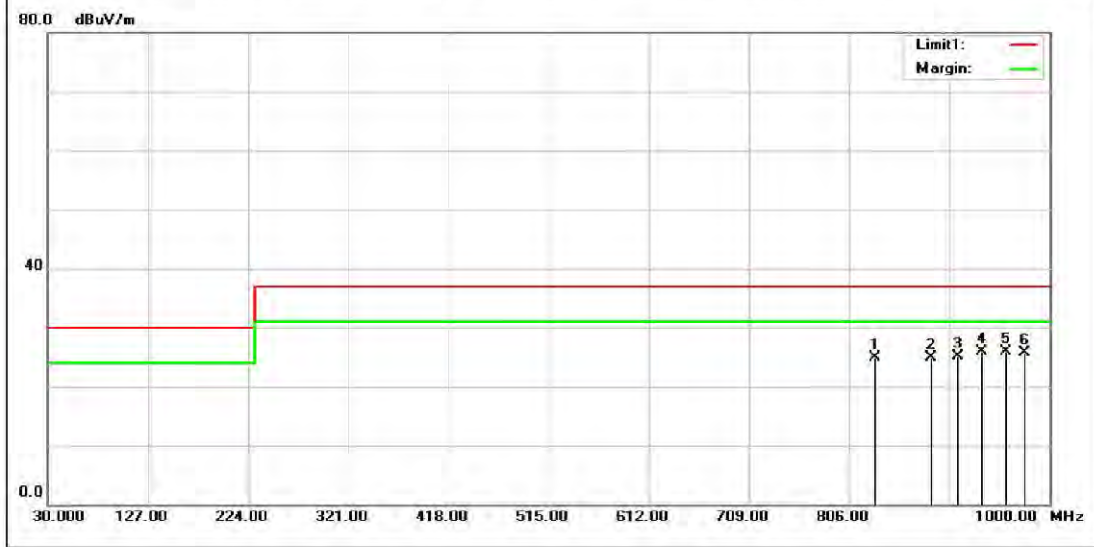
2.5.3 Measurement Data

Below 1GHz

Config_1_H

Site: SGS 10m Chamber	Date: 2021/1/7	Time: 上午 02:59:21
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 22 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: LTE B02		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		831.2200	23.43	1.38	24.81	37.00	-12.19			QP	
2		885.5400	23.19	1.75	24.94	37.00	-12.06			QP	
3		911.7300	22.93	2.21	25.14	37.00	-11.86			QP	
4		935.0100	23.45	2.43	25.88	37.00	-11.12			QP	
5	*	957.3200	23.22	2.73	25.95	37.00	-11.05	396	0	QP	
6		975.7500	22.89	2.86	25.75	37.00	-11.25			QP	

*:Maximum data x:Over limit l:over margin

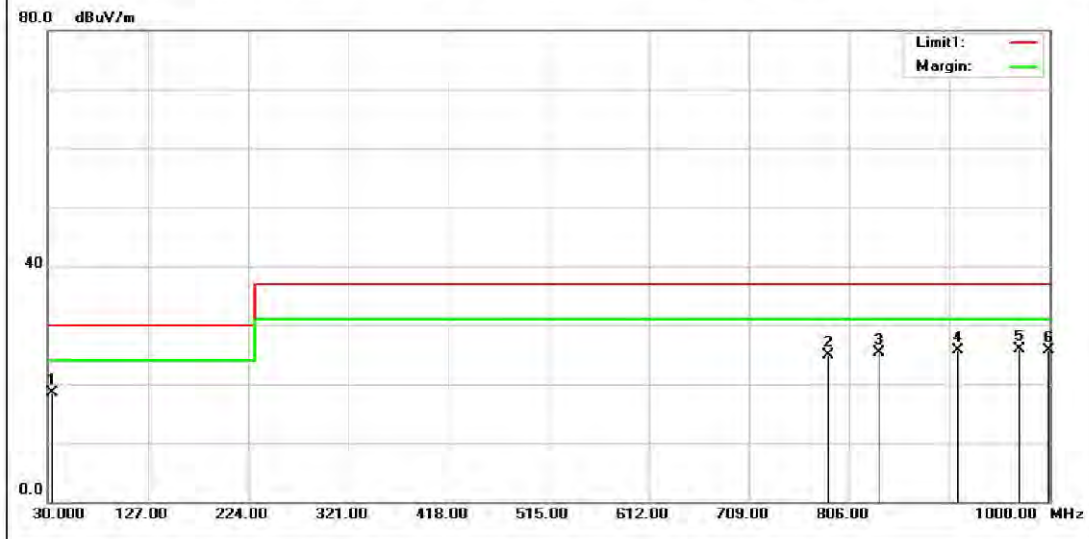
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Config_1_V

Site: SGS 10m Chamber	Date: 2021/1/7	Time: 上午 02:59:20
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 22 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: LTE B02		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		33.8800	30.47	-11.88	18.59	30.00	-11.41			QP	
2		785.6300	23.20	1.66	24.86	37.00	-12.14			QP	
3		835.1000	23.24	2.07	25.31	37.00	-11.69			QP	
4		911.7300	23.11	2.50	25.61	37.00	-11.39			QP	
5	*	970.9000	23.05	2.81	25.86	37.00	-11.14	110	164	QP	
6		999.0300	22.81	2.97	25.78	37.00	-11.22			QP	

*:Maximum data x:Over limit !:over margin

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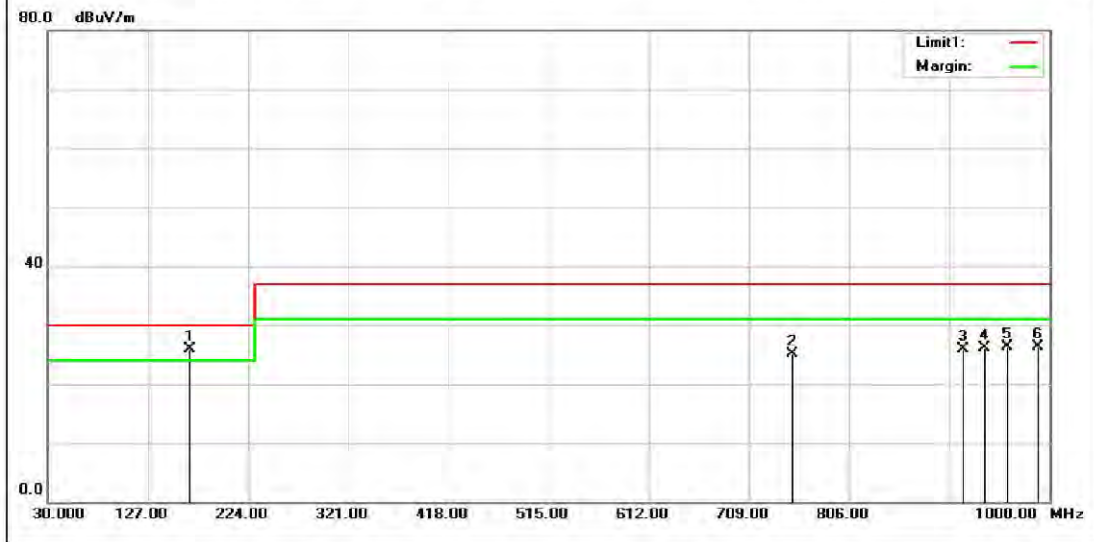
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Config_2_H

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 04:34:39
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 16 °C
Mode: Config 2	Power: AC120V/60Hz	Humidity: 54 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: Data Internal Read		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1	*	167.7400	37.12	-11.16	25.96	30.00	-4.04	400	281	QP	
2		750.7100	23.86	1.19	25.05	37.00	-11.95			QP	
3		916.5800	23.64	2.30	25.94	37.00	-11.06			QP	
4		936.9500	23.62	2.47	26.09	37.00	-10.91			QP	
5		959.2600	23.53	2.83	26.36	37.00	-10.64			QP	
6		989.3300	23.31	2.94	26.25	37.00	-10.75			QP	

*:Maximum data x:Over limit !:over margin

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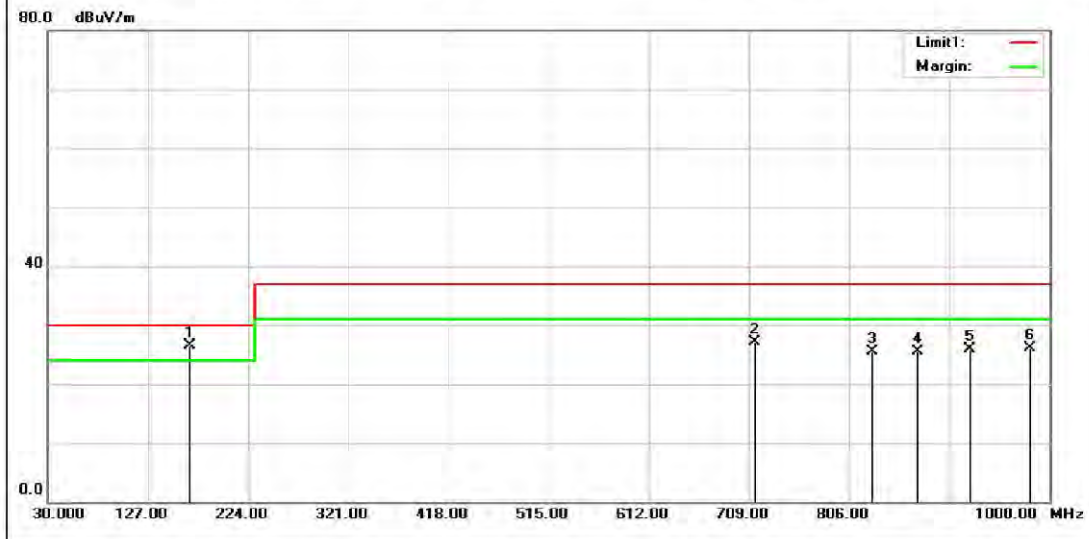
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Config_2_V

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 04:34:38
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 16 °C
Mode: Config 2	Power: AC120V/60Hz	Humidity: 54 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: Data Internal Read		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1	*	167.7400	37.28	-10.80	26.48	30.00	-3.52	110	65	QP	
2		714.8200	26.73	0.42	27.15	37.00	-9.85			QP	
3		828.3100	23.46	2.06	25.52	37.00	-11.48			QP	
4		872.9300	23.30	2.17	25.47	37.00	-11.53			QP	
5		923.3700	23.13	2.73	25.86	37.00	-11.14			QP	
6		980.6000	23.16	2.92	26.08	37.00	-10.92			QP	

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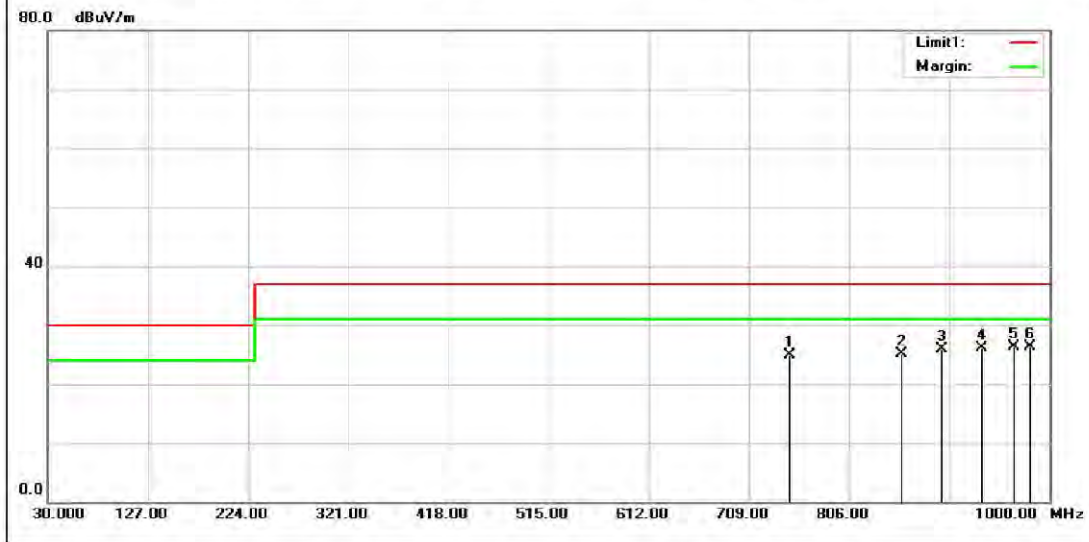
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Config_3_H

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 06:16:30
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 16 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 54 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: REC mode Back		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		747.8000	23.69	1.17	24.86	37.00	-12.14			QP	
2		856.4400	23.77	1.36	25.13	37.00	-11.87			QP	
3		896.2100	23.83	1.98	25.81	37.00	-11.19			QP	
4		934.0400	23.60	2.43	26.03	37.00	-10.97			QP	
5		965.0800	23.48	2.79	26.27	37.00	-10.73			QP	
6	*	980.6000	23.38	2.97	26.35	37.00	-10.65	400	139	QP	

*:Maximum data x:Over limit !:over margin

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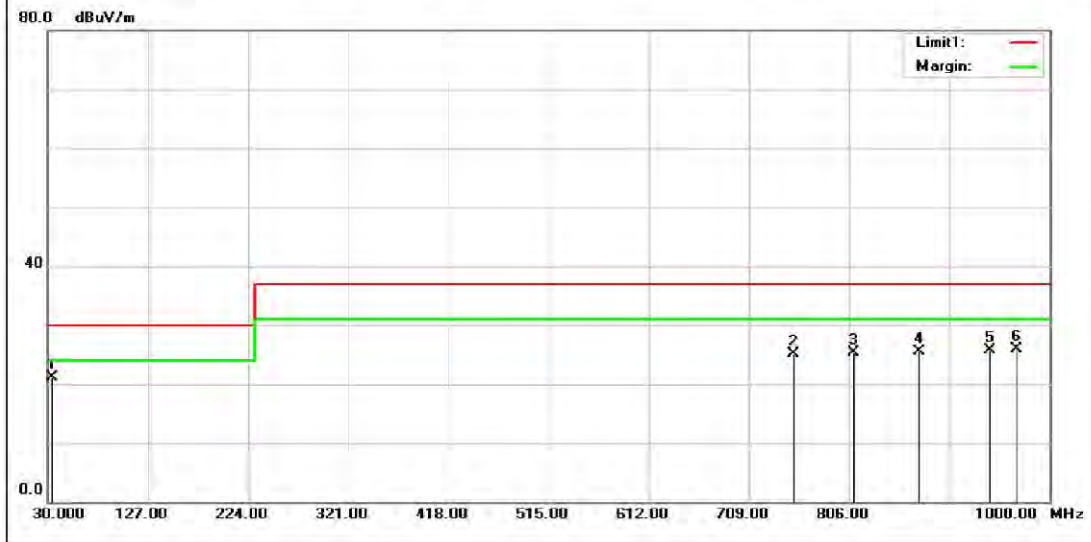
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Config_3_V

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 06:16:29
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 16 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 54 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: REC mode Back		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1	*	34.8500	32.72	-11.59	21.13	30.00	-8.87	220	359	QP	
2		751.6800	23.36	1.80	25.16	37.00	-11.84			QP	
3		810.8500	23.49	1.80	25.29	37.00	-11.71			QP	
4		873.9000	23.32	2.19	25.51	37.00	-11.49			QP	
5		941.8000	23.09	2.69	25.78	37.00	-11.22			QP	
6		967.9900	23.13	2.73	25.86	37.00	-11.14			QP	

*:Maximum data x:Over limit !:over margin

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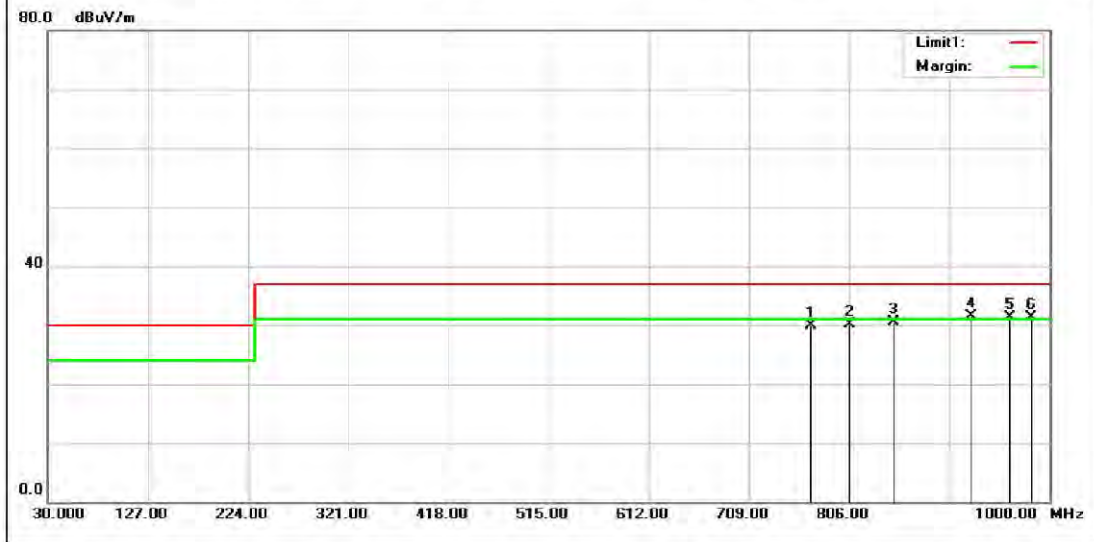
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Config_4_H

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 08:35:26
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 22 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: LTE B05		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		769.1400	28.69	1.18	29.87	37.00	-7.13	400	358	peak	
2		806.9700	28.92	1.18	30.10	37.00	-6.90	400	144	peak	
3		849.6500	29.17	1.30	30.47	37.00	-6.53	400	358	peak	
4	*	924.3400	28.98	2.44	31.42	37.00	-5.58	400	13	peak	
5	!	962.1700	28.40	2.83	31.23	37.00	-5.77	400	22	peak	
6	!	982.5400	28.39	2.95	31.34	37.00	-5.66	400	0	peak	

*:Maximum data x:Over limit !:over margin

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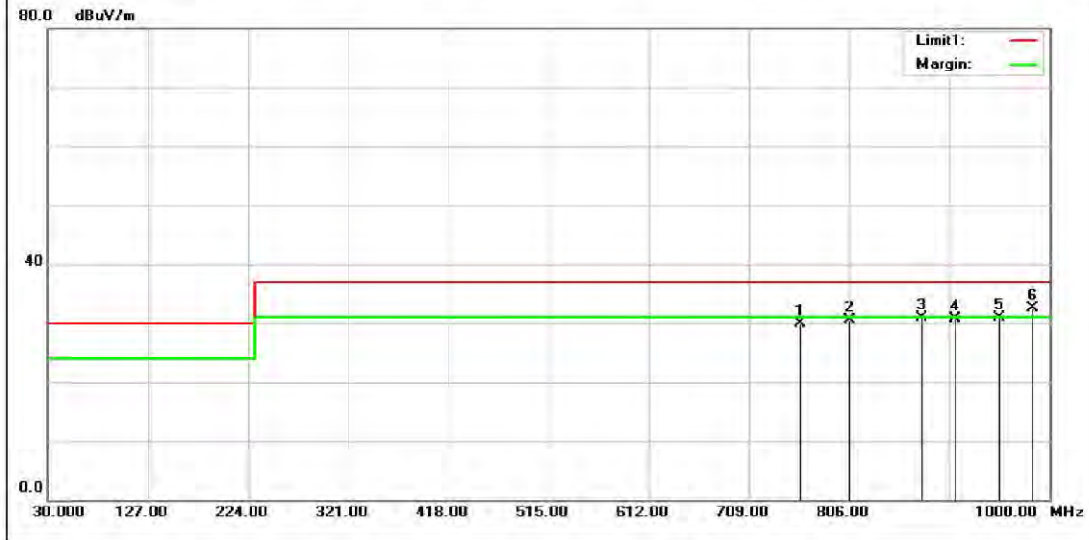
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Config_4_V

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 08:35:25
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 22 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: LTE B05		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		758.4700	28.08	1.76	29.84	37.00	-7.16	100	0	peak	
2		806.0000	28.82	1.73	30.55	37.00	-6.45	100	297	peak	
3		876.8100	28.69	2.19	30.88	37.00	-6.12	100	266	peak	
4		908.8200	28.20	2.42	30.62	37.00	-6.38	100	40	peak	
5		951.5000	28.16	2.68	30.84	37.00	-6.16	100	351	peak	
6	*	983.5100	29.58	2.93	32.51	37.00	-4.49	100	254	peak	

*:Maximum data x:Over limit !:over margin

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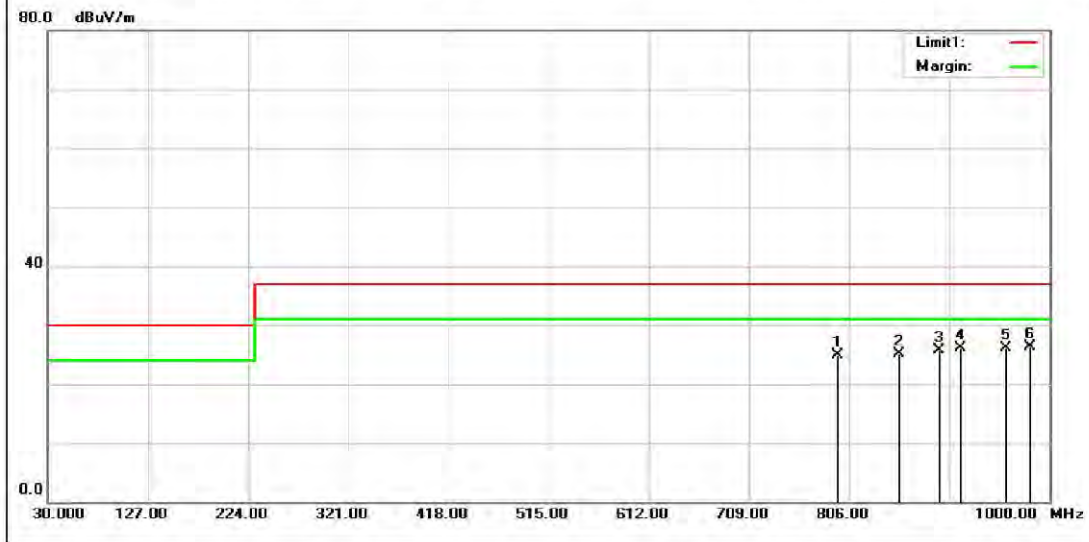
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Config_5_H

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 07:38:09
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 22 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: FM 98.1		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		794.3600	23.82	1.14	24.96	37.00	-12.04			QP	
2		854.5000	23.84	1.32	25.16	37.00	-11.84			QP	
3		893.3000	23.70	1.94	25.64	37.00	-11.36			QP	
4		913.6700	23.89	2.24	26.13	37.00	-10.87			QP	
5		957.3200	23.35	2.73	26.08	37.00	-10.92			QP	
6	*	981.5700	23.31	2.96	26.27	37.00	-10.73	400	200	QP	

*:Maximum data x:Over limit !:over margin

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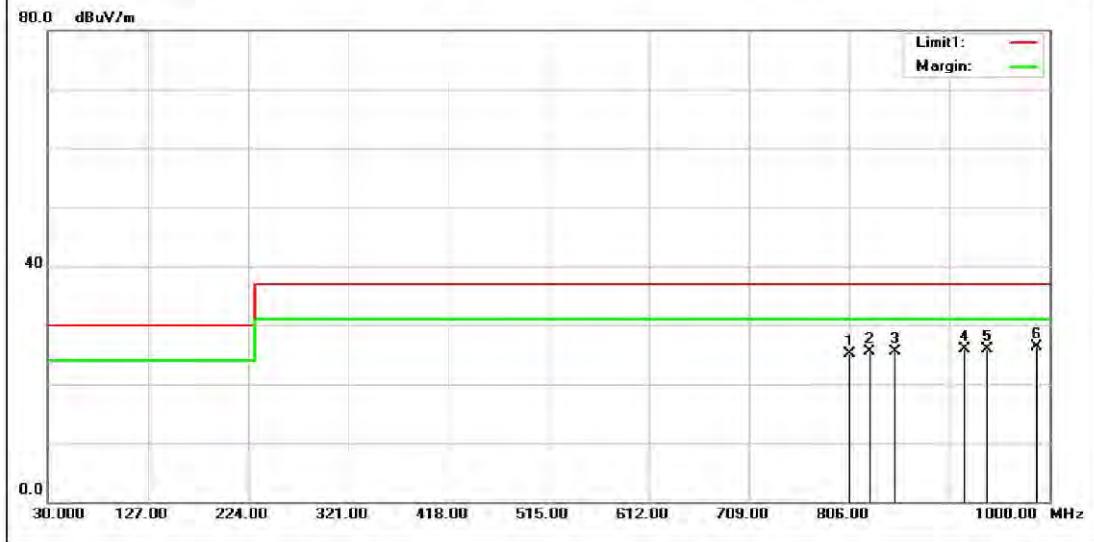
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Config_5_V

Site: SGS 10m Chamber	Date: 2021/1/8	Time: 上午 07:38:08
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 22 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 67 %RH
Report: File :MH-2020-C0072	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: FM 98.1		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		806.0000	23.32	1.73	25.05	37.00	-11.95			QP	
2		825.4000	23.36	2.05	25.41	37.00	-11.59			QP	
3		850.6200	23.34	2.19	25.53	37.00	-11.47			QP	
4		917.5500	23.31	2.64	25.95	37.00	-11.05			QP	
5		939.8600	23.20	2.66	25.86	37.00	-11.14			QP	
6	*	987.3900	23.34	2.90	26.24	37.00	-10.76	110	360	QP	

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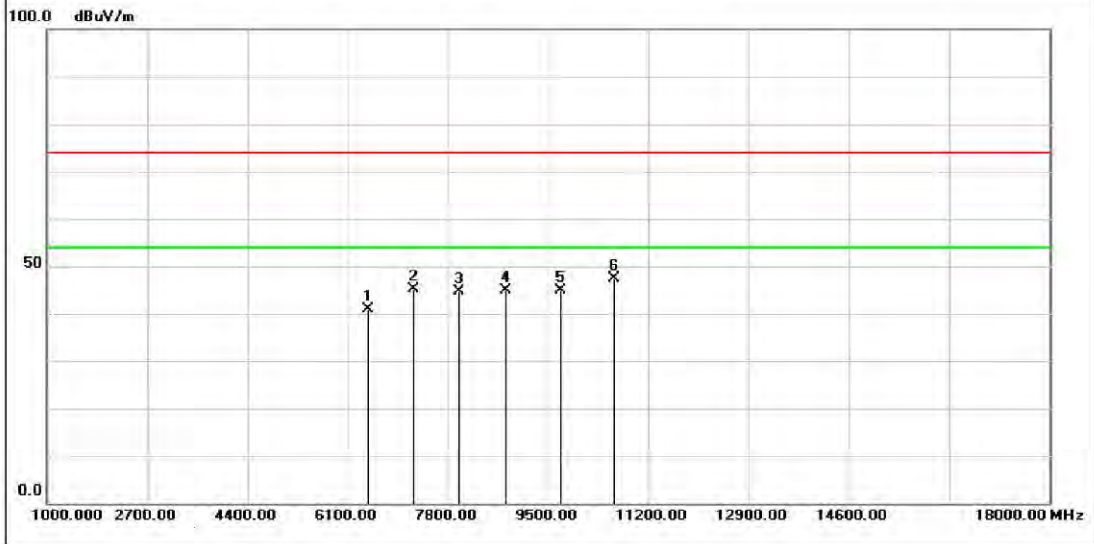


Above 1GHz

Config_1_H

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 06:14:05
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B02		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		6457.000	42.98	-2.12	40.86	74.00	-33.14			peak	
2		7222.000	43.96	1.29	45.25	74.00	-28.75			peak	
3		7987.000	43.05	1.49	44.54	74.00	-29.46			peak	
4		8786.000	43.38	1.51	44.89	74.00	-29.11			peak	
5		9704.000	42.51	2.36	44.87	74.00	-29.13			peak	
6	*	10622.000	43.19	4.27	47.46	74.00	-26.54	105	51	peak	

*:Maximum data x:Over limit !:over margin

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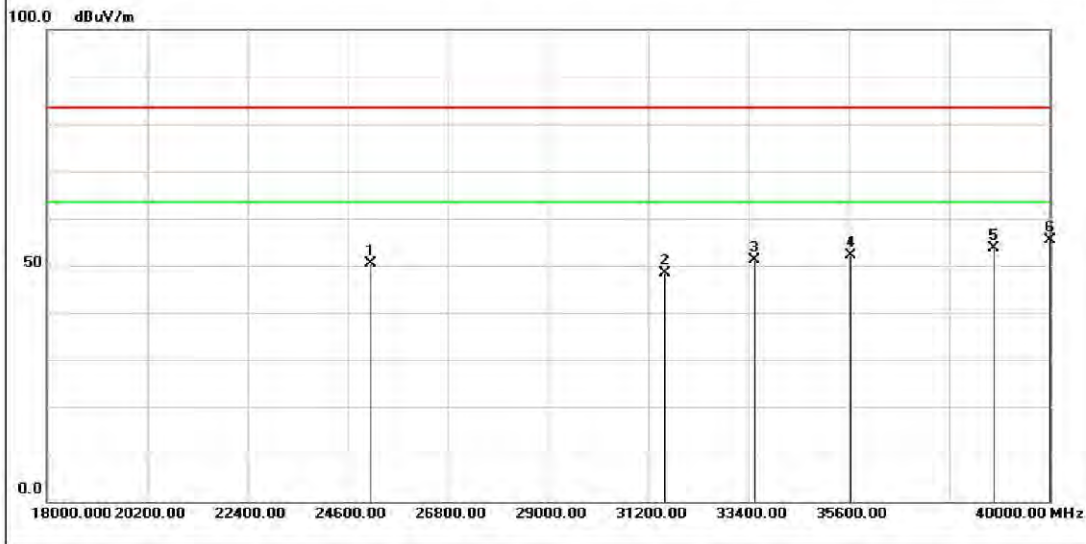
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 07:30:50
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B02		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		25106.000	47.97	2.50	50.47	83.50	-33.03			peak	
2		31552.000	45.62	2.88	48.50	83.50	-35.00			peak	
3		33532.000	47.41	3.71	51.12	83.50	-32.38			peak	
4		35644.000	45.66	6.40	52.06	83.50	-31.44			peak	
5		38768.000	41.93	11.76	53.69	83.50	-29.81			peak	
6	*	40000.000	40.31	15.00	55.31	83.50	-28.19	100	52	peak	

*:Maximum data x:Over limit l:over margin

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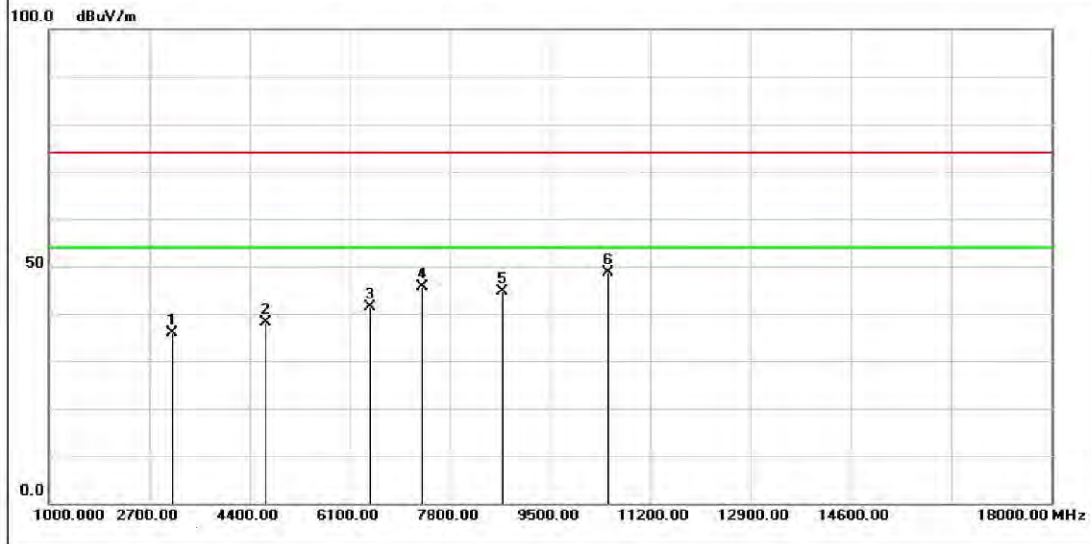
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Config_1_V

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 05:49:14
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B02		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		3091.000	45.90	-10.02	35.88	74.00	-38.12			peak	
2		4689.000	44.72	-6.48	38.24	74.00	-35.76			peak	
3		6457.000	43.41	-2.12	41.29	74.00	-32.71			peak	
4		7341.000	44.08	1.45	45.53	74.00	-28.47			peak	
5		8684.000	43.08	1.61	44.69	74.00	-29.31			peak	
6	*	10486.000	44.24	4.45	48.69	74.00	-25.31	100	25	peak	

*:Maximum data x:Over limit !:over margin

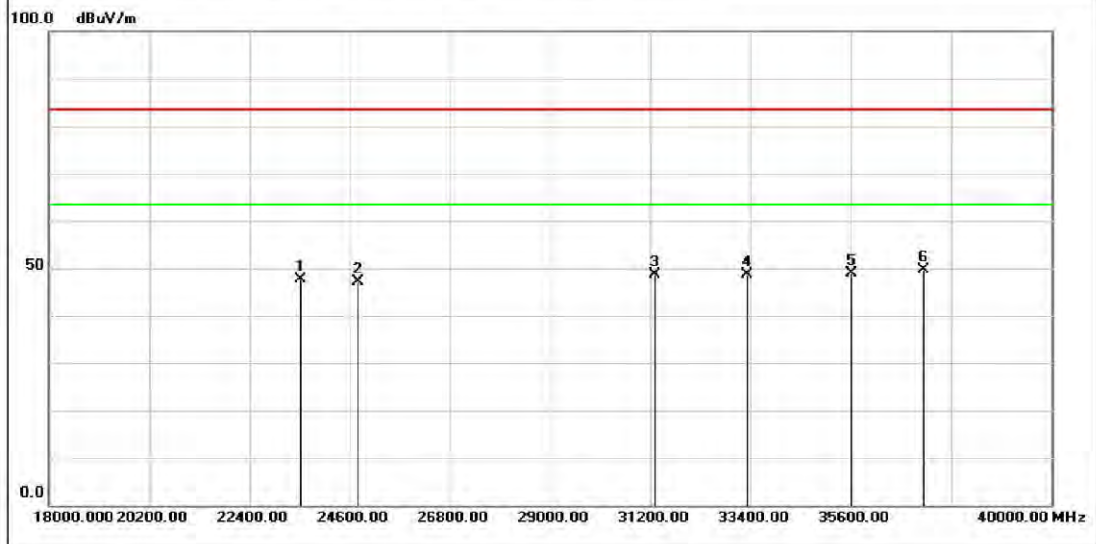
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 07:19:20
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B02		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		23522.000	45.40	2.19	47.59	83.50	-35.91			peak	
2		24776.000	45.04	2.16	47.20	83.50	-36.30			peak	
3		31288.000	45.92	2.66	48.58	83.50	-34.92			peak	
4		33334.000	45.23	3.47	48.70	83.50	-34.80			peak	
5		35622.000	42.49	6.37	48.86	83.50	-34.64			peak	
6	*	37184.000	41.28	8.30	49.58	83.50	-33.92	110	157	peak	

*:Maximum data x:Over limit !:over margin

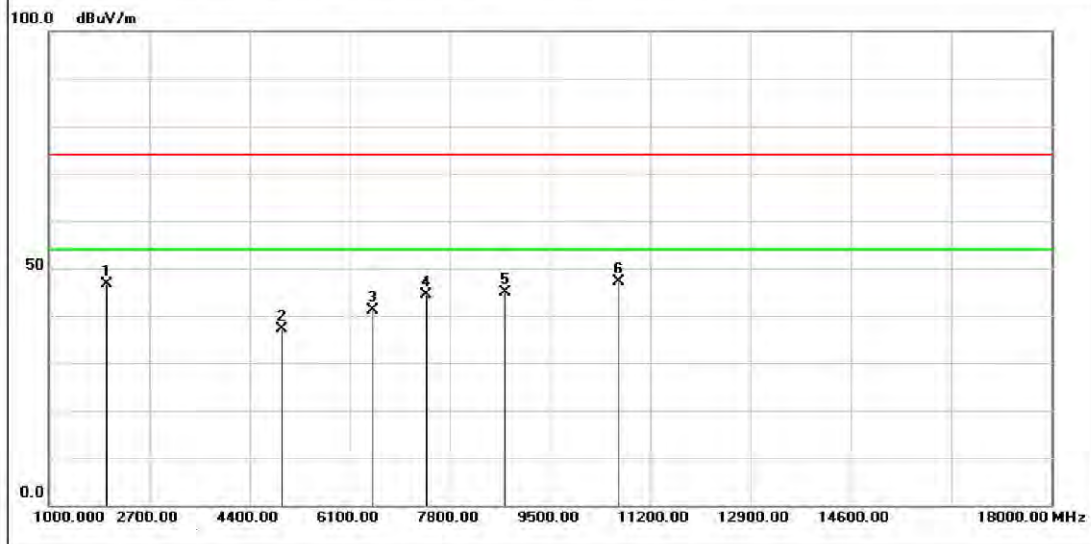
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Config_2_H

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 03:17:39
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: DATA Exinternal Read		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		1996.000	59.37	-12.82	46.55	74.00	-27.45			peak	
2		4944.000	43.27	-6.05	37.22	74.00	-36.78			peak	
3		6491.000	43.17	-2.03	41.14	74.00	-32.86			peak	
4		7409.000	42.82	1.52	44.34	74.00	-29.66			peak	
5		8735.000	43.27	1.56	44.83	74.00	-29.17			peak	
6	*	10656.000	42.73	4.35	47.08	74.00	-26.92	100	148	peak	

*:Maximum data x:Over limit !:over margin

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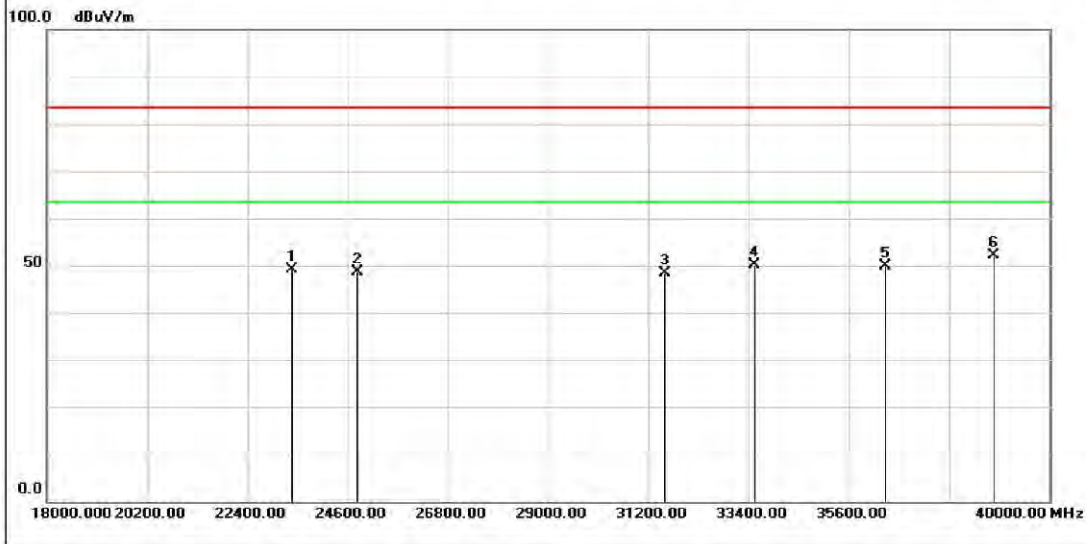
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 08:12:44
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: DATA Exinternal Read		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		23390.000	47.01	2.09	49.10	83.50	-34.40			peak	
2		24820.000	46.59	2.16	48.75	83.50	-34.75			peak	
3		31552.000	45.62	2.88	48.50	83.50	-35.00			peak	
4		33532.000	46.41	3.71	50.12	83.50	-33.38			peak	
5		36414.000	41.74	8.23	49.97	83.50	-33.53			peak	
6	*	38768.000	40.43	11.76	52.19	83.50	-31.31	105	20	peak	

*:Maximum data x:Over limit l:over margin

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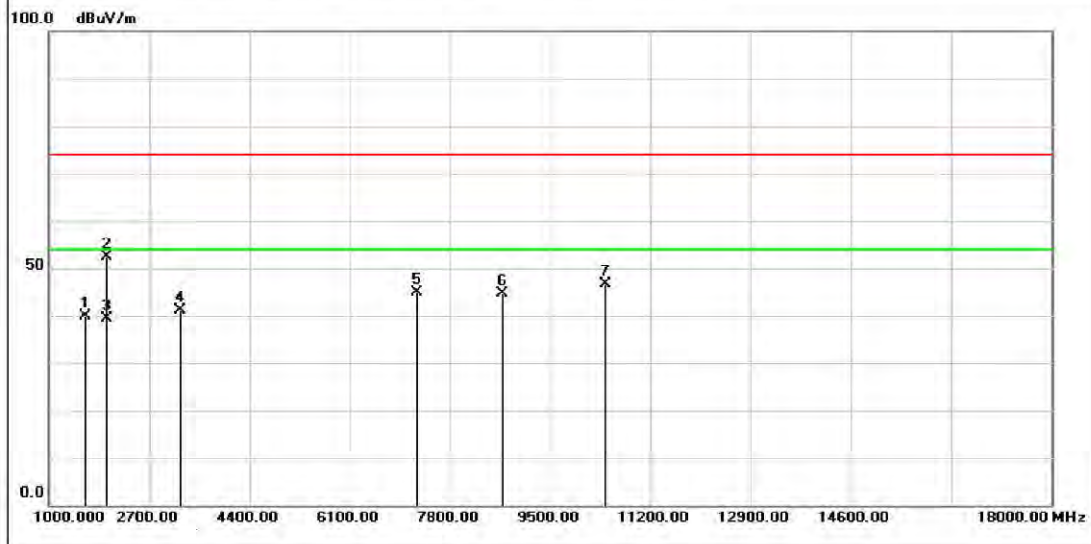
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Config_2_V

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 02:53:28
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: DATA Exinternal Read		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		1629.000	54.35	-14.45	39.90	74.00	-34.10			peak	
2		1996.000	65.24	-12.82	52.42	74.00	-21.58	100	37	peak	
3	*	1996.000	52.26	-12.82	39.44	54.00	-14.56	100	37	AVG	
4		3227.000	51.19	-10.06	41.13	74.00	-32.87			peak	
5		7239.000	43.44	1.33	44.77	74.00	-29.23			peak	
6		8701.000	42.94	1.60	44.54	74.00	-29.46			peak	
7		10435.000	42.37	4.29	46.66	74.00	-27.34			peak	

*:Maximum data x:Over limit !:over margin

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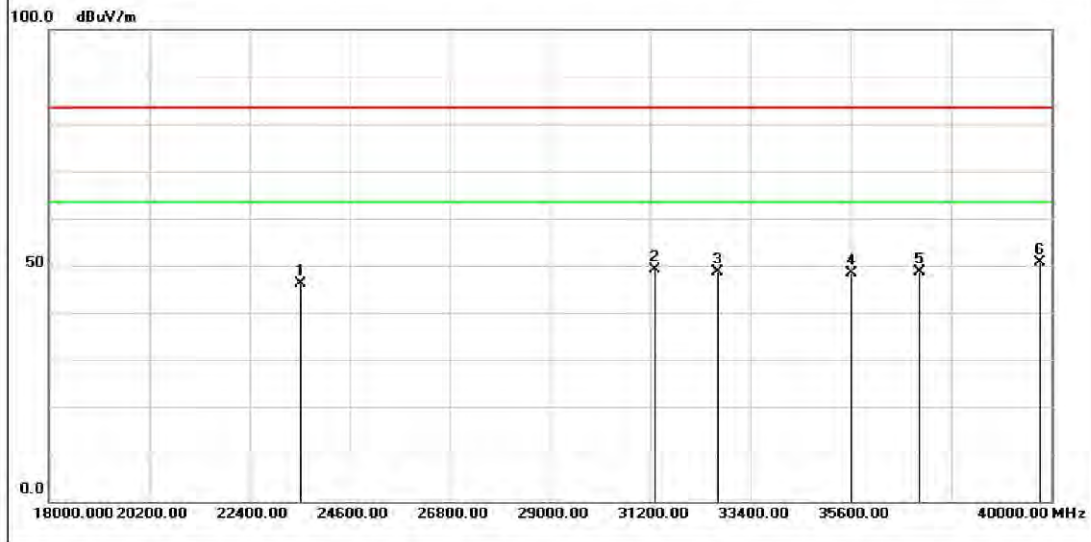
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 07:57:22
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: DATA Exinternal Read		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		23522.000	43.90	2.19	46.09	83.50	-37.41			peak	
2		31288.000	46.42	2.66	49.08	83.50	-34.42			peak	
3		32674.000	45.72	2.86	48.58	83.50	-34.92			peak	
4		35622.000	41.99	6.37	48.36	83.50	-35.14			peak	
5		37096.000	40.30	8.29	48.59	83.50	-34.91			peak	
6	*	39758.000	36.43	14.22	50.65	83.50	-32.85	100	35	peak	

*:Maximum data x:Over limit l:over margin

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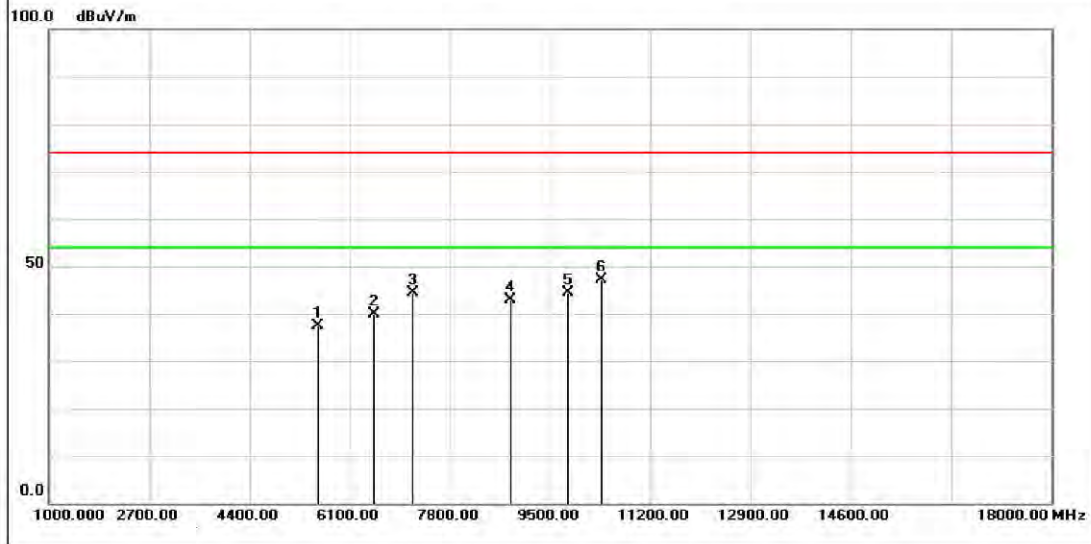
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Config_3_H

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 04:20:03
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Mp3		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		5556.000	42.80	-5.40	37.40	74.00	-36.60			peak	
2		6525.000	41.86	-1.88	39.98	74.00	-34.02			peak	
3		7171.000	43.17	1.20	44.37	74.00	-29.63			peak	
4		8820.000	41.45	1.48	42.93	74.00	-31.07			peak	
5		9806.000	41.60	2.77	44.37	74.00	-29.63			peak	
6	*	10367.000	43.06	3.97	47.03	74.00	-26.97	100	240	peak	

*:Maximum data x:Over limit !:over margin

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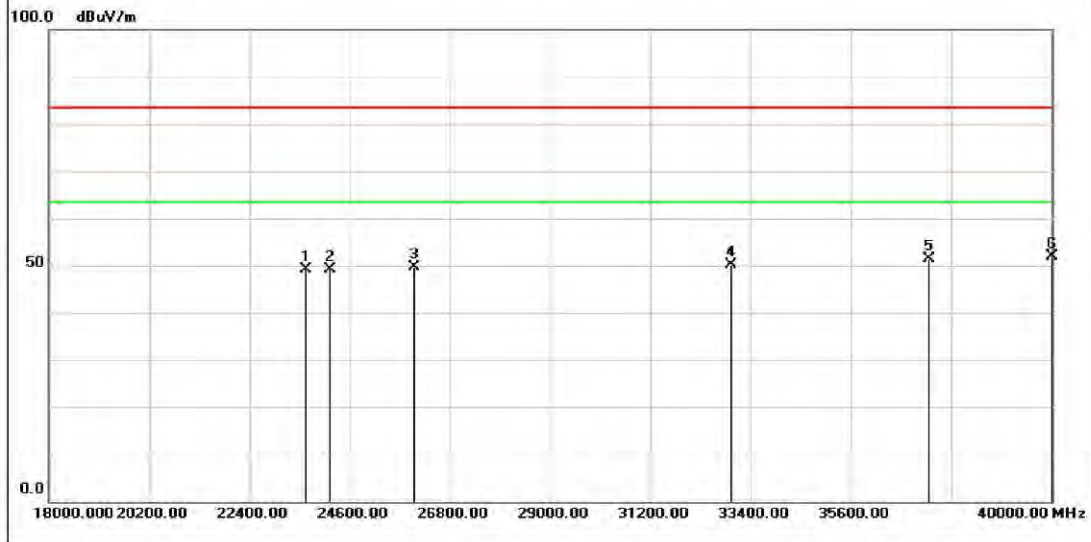
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 09:09:15
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Mp3		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		23654.000	46.95	2.14	49.09	83.50	-34.41			peak	
2		24160.000	47.06	2.03	49.09	83.50	-34.41			peak	
3		26008.000	47.84	1.80	49.64	83.50	-33.86			peak	
4		32960.000	47.24	2.98	50.22	83.50	-33.28			peak	
5		37316.000	43.11	8.30	51.41	83.50	-32.09			peak	
6	*	40000.000	36.81	15.00	51.81	83.50	-31.69	104	169	peak	

*:Maximum data x:Over limit i:over margin

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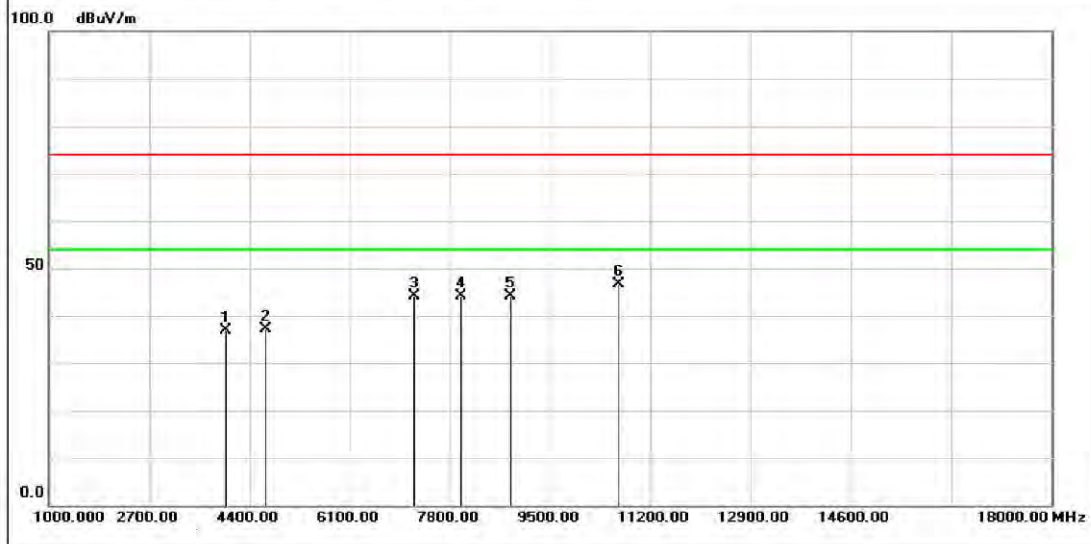
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Config_3_V

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 03:49:45
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Mp3		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		4009.000	44.64	-7.88	36.76	74.00	-37.24			peak	
2		4689.000	43.57	-6.48	37.09	74.00	-36.91			peak	
3		7188.000	42.92	1.24	44.16	74.00	-29.84			peak	
4		7987.000	42.74	1.49	44.23	74.00	-29.77			peak	
5		8837.000	42.57	1.46	44.03	74.00	-29.97			peak	
6	*	10673.000	42.18	4.38	46.56	74.00	-27.44	100	12	peak	

*:Maximum data x:Over limit !:over margin

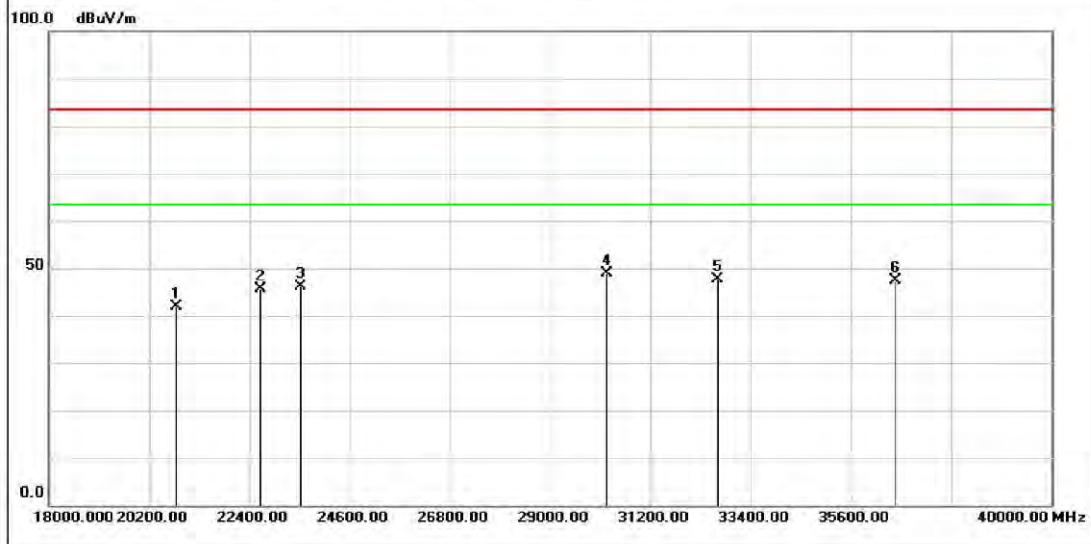
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 08:48:33
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Mp3		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		20794.000	43.60	-1.68	41.92	83.50	-41.58			peak	
2		22642.000	44.82	0.70	45.52	83.50	-37.98			peak	
3		23522.000	43.90	2.19	46.09	83.50	-37.41			peak	
4	*	30254.000	47.14	1.80	48.94	83.50	-34.56	100	185	peak	
5		32674.000	44.72	2.86	47.58	83.50	-35.92			peak	
6		36568.000	38.93	8.47	47.40	83.50	-36.10			peak	

*:Maximum data x:Over limit !:over margin

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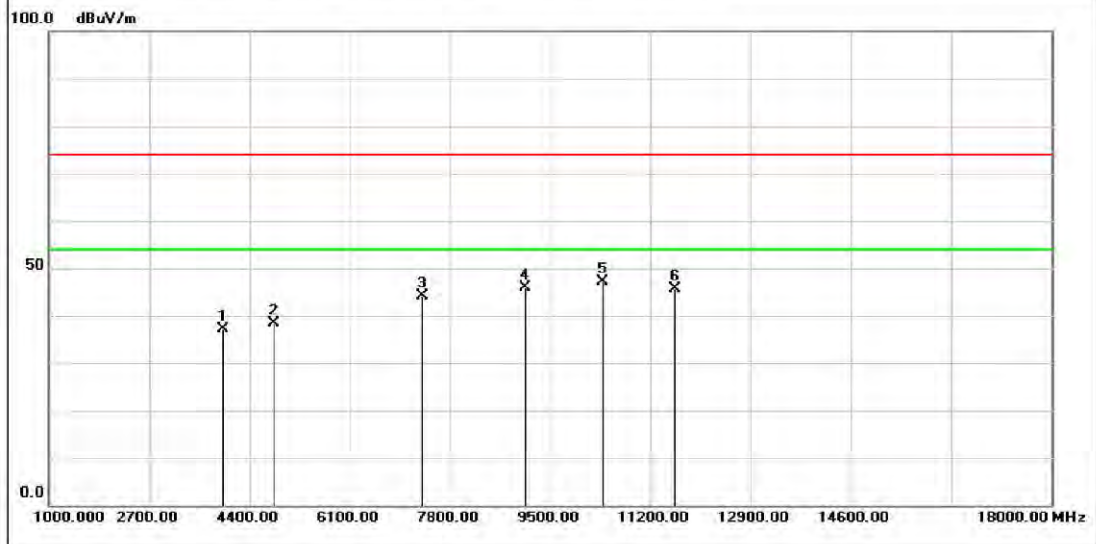
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Config_4_H

Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 06:35:37
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B05		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		3958.000	44.98	-7.91	37.07	74.00	-36.93			peak	
2		4808.000	44.81	-6.42	38.39	74.00	-35.61			peak	
3		7341.000	42.66	1.45	44.11	74.00	-29.89			peak	
4		9075.000	44.67	1.30	45.97	74.00	-28.03			peak	
5	*	10401.000	43.07	4.18	47.25	74.00	-26.75	100	20	peak	
6		11608.000	41.32	4.30	45.62	74.00	-28.38			peak	

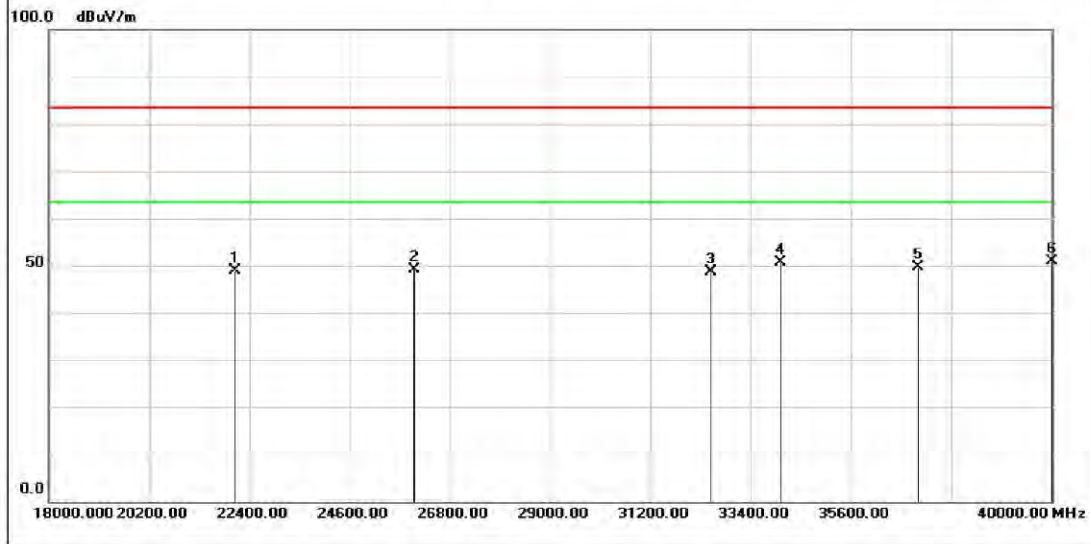
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 09:55:22
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B05		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		22092.000	48.11	0.79	48.90	83.50	-34.60			peak	
2		26008.000	47.34	1.80	49.14	83.50	-34.36			peak	
3		32520.000	45.83	2.80	48.63	83.50	-34.87			peak	
4		34060.000	46.65	3.87	50.52	83.50	-32.98			peak	
5		37074.000	41.37	8.30	49.67	83.50	-33.83			peak	
6	*	40000.000	35.81	15.00	50.81	83.50	-32.69	100	260	peak	

*:Maximum data x:Over limit l:over margin

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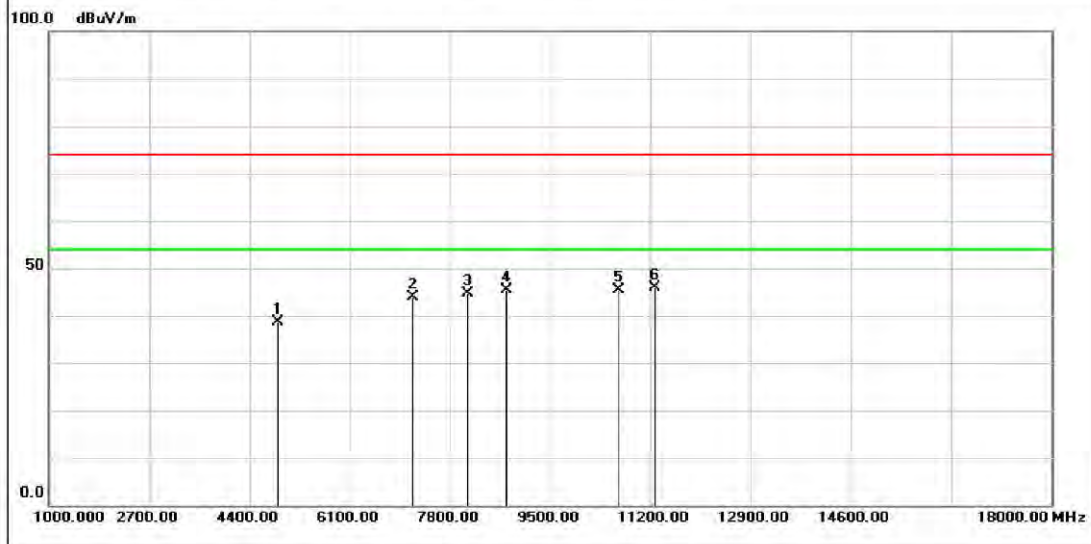
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Config_4_V

Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 06:12:44
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B05		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		4876.000	44.95	-6.33	38.62	74.00	-35.38			peak	
2		7171.000	42.61	1.20	43.81	74.00	-30.19			peak	
3		8106.000	43.32	1.41	44.73	74.00	-29.27			peak	
4		8752.000	43.72	1.55	45.27	74.00	-28.73			peak	
5		10656.000	41.12	4.35	45.47	74.00	-28.53			peak	
6	*	11268.000	41.65	4.21	45.86	74.00	-28.14	110	14	peak	

*:Maximum data x:Over limit !:over margin

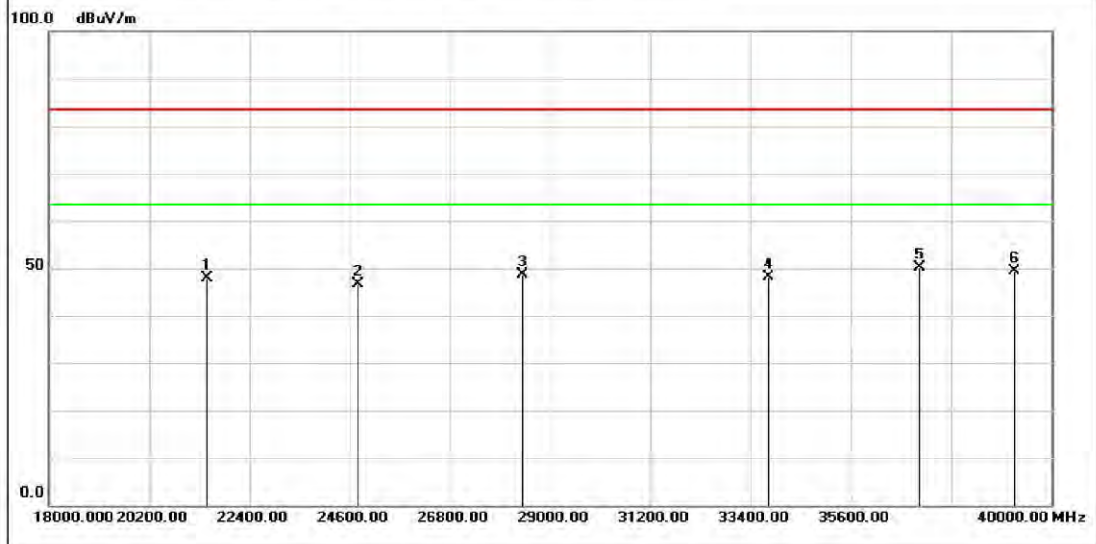
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 09:32:30
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: LTE B05		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		21476.000	49.72	-1.79	47.93	83.50	-35.57			peak	
2		24776.000	44.54	2.16	46.70	83.50	-36.80			peak	
3		28384.000	47.92	0.80	48.72	83.50	-34.78			peak	
4		33796.000	44.29	3.76	48.05	83.50	-35.45			peak	
5	*	37096.000	41.80	8.29	50.09	83.50	-33.41	105	210	peak	
6		39186.000	36.89	12.46	49.35	83.50	-34.15			peak	

*:Maximum data x:Over limit !:over margin

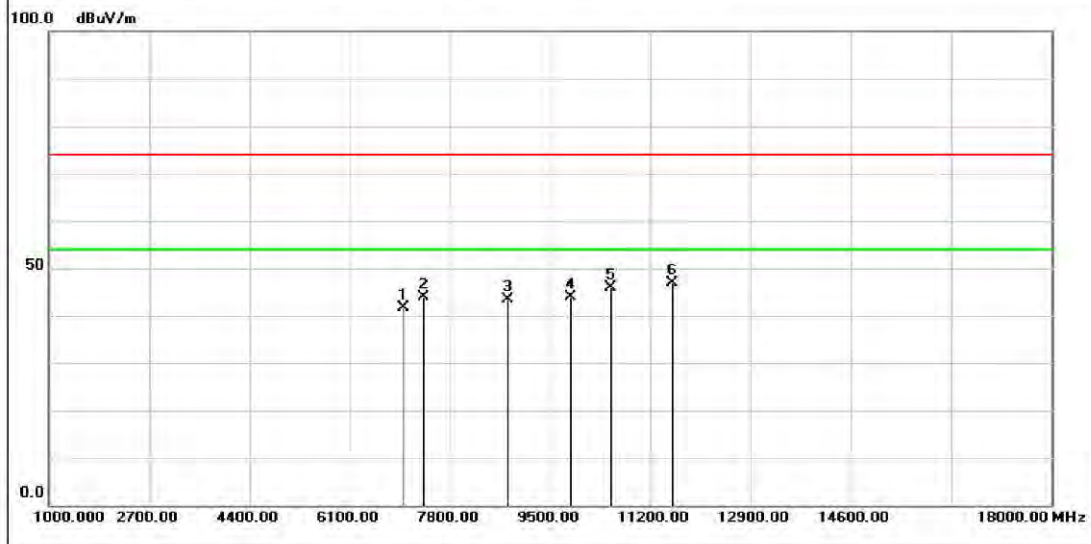
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Config_5_H

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 05:10:52
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 88.1		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		7018.000	41.03	0.60	41.63	74.00	-32.37			peak	
2		7358.000	42.37	1.45	43.82	74.00	-30.18			peak	
3		8786.000	41.79	1.51	43.30	74.00	-30.70			peak	
4		9857.000	41.03	2.87	43.90	74.00	-30.10			peak	
5		10537.000	41.38	4.40	45.78	74.00	-28.22			peak	
6	*	11574.000	42.40	4.42	46.82	74.00	-27.18	100	310	peak	

*:Maximum data x:Over limit !:over margin

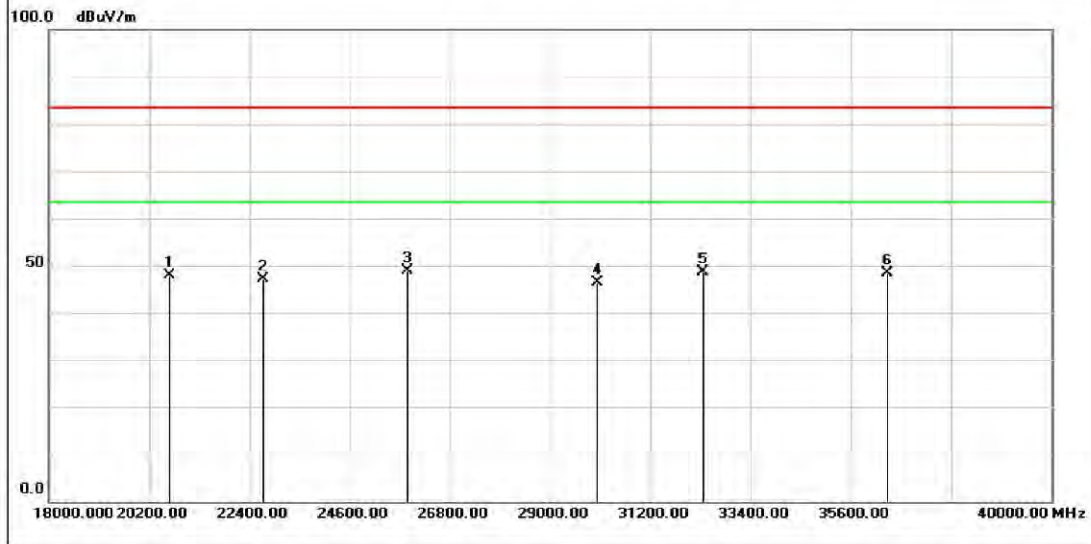
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 10:53:52
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 88.1		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		20662.000	49.70	-1.74	47.96	83.50	-35.54			peak	
2		22708.000	46.32	0.88	47.20	83.50	-36.30			peak	
3	*	25876.000	46.69	2.24	48.93	83.50	-34.57	100	195	peak	
4		30034.000	44.67	1.63	46.30	83.50	-37.20			peak	
5		32366.000	46.18	2.54	48.72	83.50	-34.78			peak	
6		36414.000	40.24	8.23	48.47	83.50	-35.03			peak	

*:Maximum data x:Over limit l:over margin

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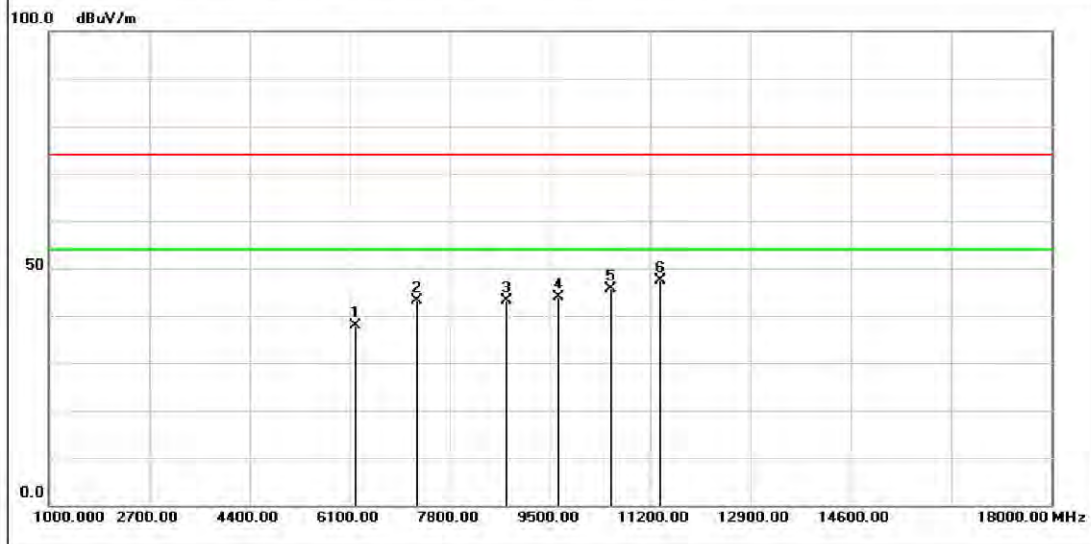
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Config_5_V

Site: SGS 966 Chamber B	Date: 2021/1/6	Time: 下午 04:57:35
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 88.1		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		6202.000	40.71	-2.83	37.88	74.00	-36.12			peak	
2		7239.000	41.91	1.33	43.24	74.00	-30.76			peak	
3		8769.000	41.69	1.53	43.22	74.00	-30.78			peak	
4		9636.000	41.69	2.30	43.99	74.00	-30.01			peak	
5		10520.000	41.13	4.44	45.57	74.00	-28.43			peak	
6	*	11370.000	42.93	4.36	47.29	74.00	-26.71	100	20	peak	

*:Maximum data x:Over limit !:over margin

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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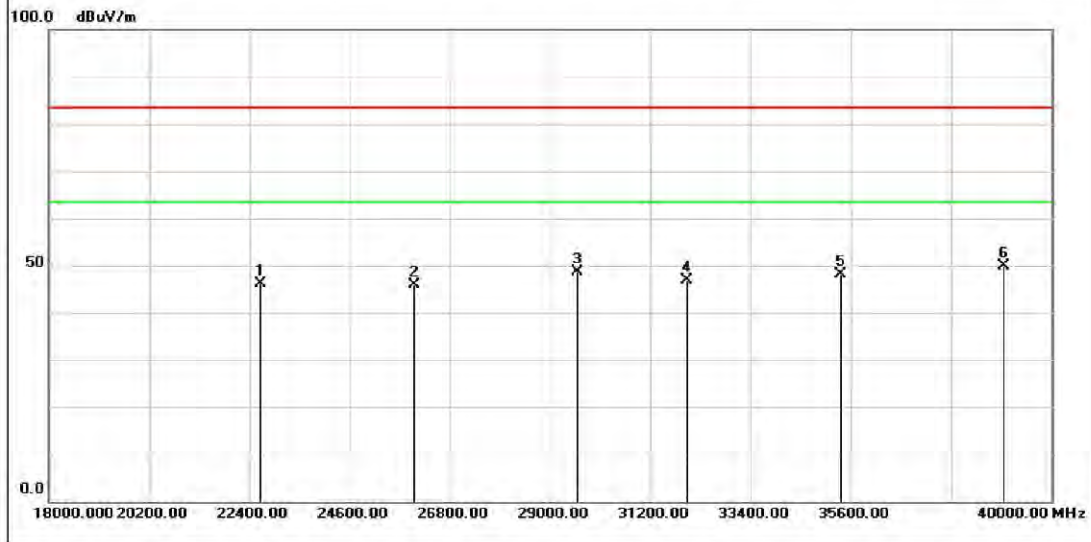
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Site: SGS 966 Chamber B	Date: 2021/1/8	Time: 上午 10:37:44
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 63 %RH
Report: MH-2020-C0072	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 88.1		

SGS Taiwan Ltd.-Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Height (cm)	Degree (deg.)	Detector	Comment
1		22642.000	45.32	0.70	46.02	83.50	-37.48			peak	
2		26030.000	44.05	1.78	45.83	83.50	-37.67			peak	
3		29594.000	47.15	1.44	48.59	83.50	-34.91			peak	
4		31992.000	45.07	1.82	46.89	83.50	-36.61			peak	
5		35380.000	42.10	5.94	48.04	83.50	-35.46			peak	
6	*	38944.000	38.11	11.86	49.97	83.50	-33.53	100	149	peak	

*:Maximum data x:Over limit l:over margin

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