



FCC CERTIFICATION REPORT

Test Report No. : MH/2020/B0117
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)
FCC Designation Numbers : 916890 / TW1087

Date of Sample Receipt : Nov. 19, 2020
Date of Test : Dec. 09 ~ 12, 2020
Date of Issue : Dec. 24, 2020

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 Dec. 24, 2020



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Revision History

Revision	Description	Issue Date	Remark
00	Original.	Dec. 24, 2020	MH/2020/B0117

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1. General 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 : APYHRO00291	Memory	Main PCB	Ant PCB	Prox PCB	(Select which one is worst case)
1st Source	Vendor A	Vendor A	Vendor A	Vendor A	Worst case
2nd Source	Vendor B	Vendor B	Vendor B	Vendor B	V

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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 BV LTE B05, 12, 17	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 BV LTE B05, 12, 17	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 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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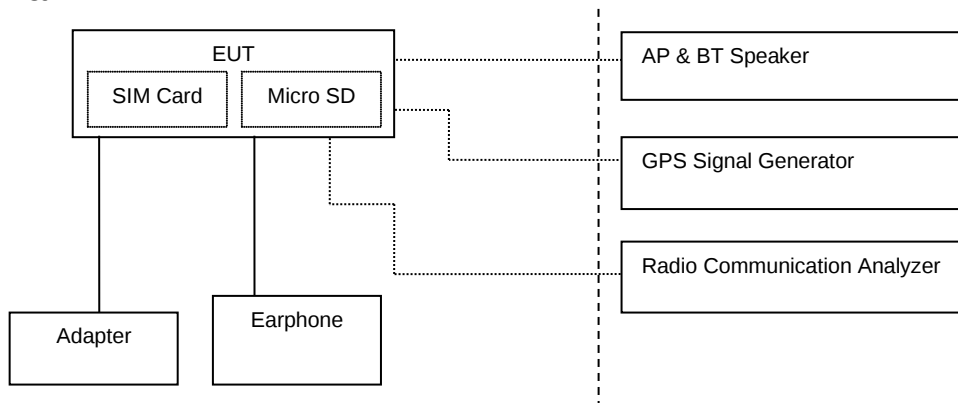
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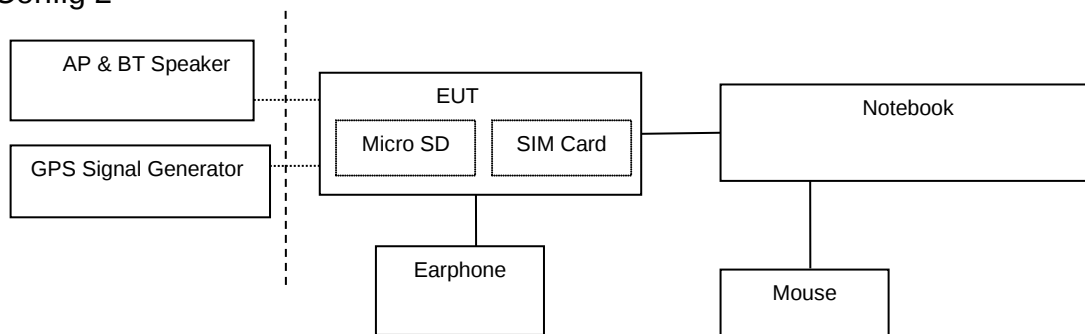
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1.8 Test Set-Up Configuration

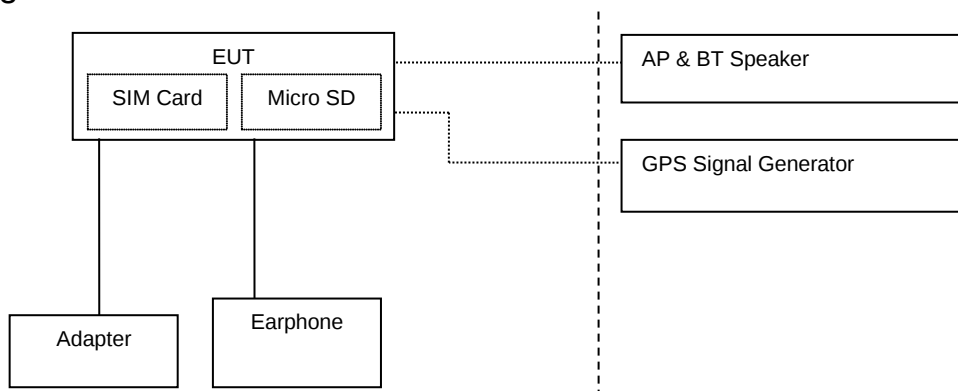
Config 1 & 4



Config 2



Config 3

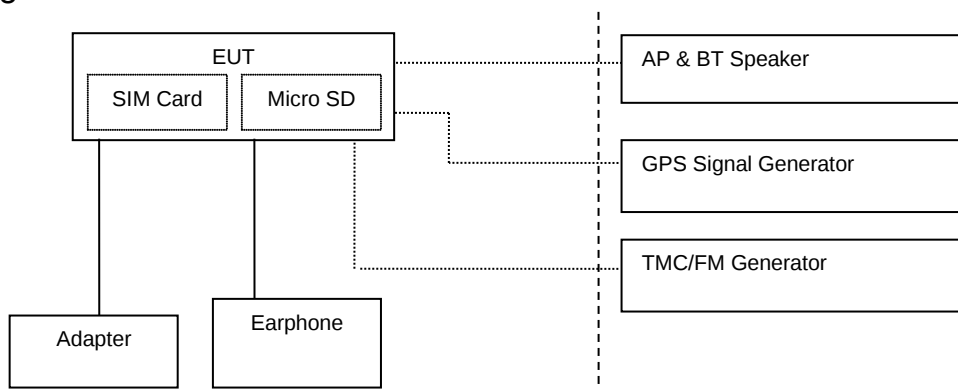


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Config 5



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.

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2.3 Limits of Conducted and Radiated Emission

2.3.1 Limits of Conducted Emission

FCC Part 15 Subpart B

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 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.	EMC5D-BM-BM-3000	1401004	2020/5/25	2021/5/24
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	6201465315	N.C.R.	N.C.R.
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 U _{lab} (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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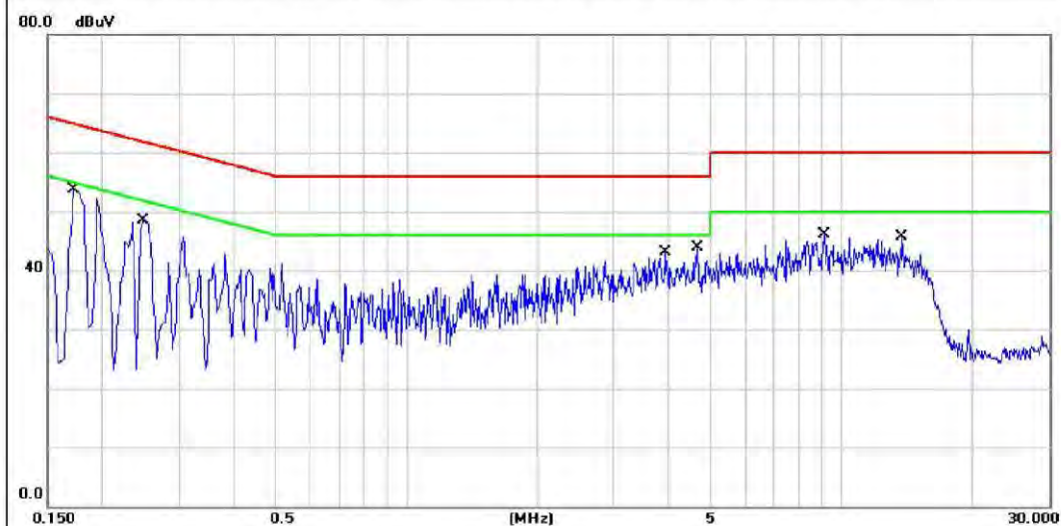


2.4.3 Measurement Data:

Config_1_L

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:34:44
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	*	0.1725	29.45	19.65	49.10	64.84	-15.74	QP	
2		0.1725	14.55	19.65	34.20	54.84	-20.64	AVG	
3		0.2490	25.40	19.74	45.14	61.79	-16.65	QP	
4		0.2490	11.07	19.74	30.81	51.79	-20.98	AVG	
5		3.9300	14.40	20.33	34.73	56.00	-21.27	QP	
6		3.9300	4.84	20.33	25.17	46.00	-20.83	AVG	
7		4.6815	13.71	20.16	33.87	56.00	-22.13	QP	
8		4.6815	5.76	20.16	25.92	46.00	-20.08	AVG	
9		9.1500	15.92	20.13	36.05	60.00	-23.95	QP	
10		9.1500	6.80	20.13	26.93	50.00	-23.07	AVG	
11		13.7400	15.08	20.18	35.26	60.00	-24.74	QP	
12		13.7400	5.22	20.18	25.40	50.00	-24.60	AVG	

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

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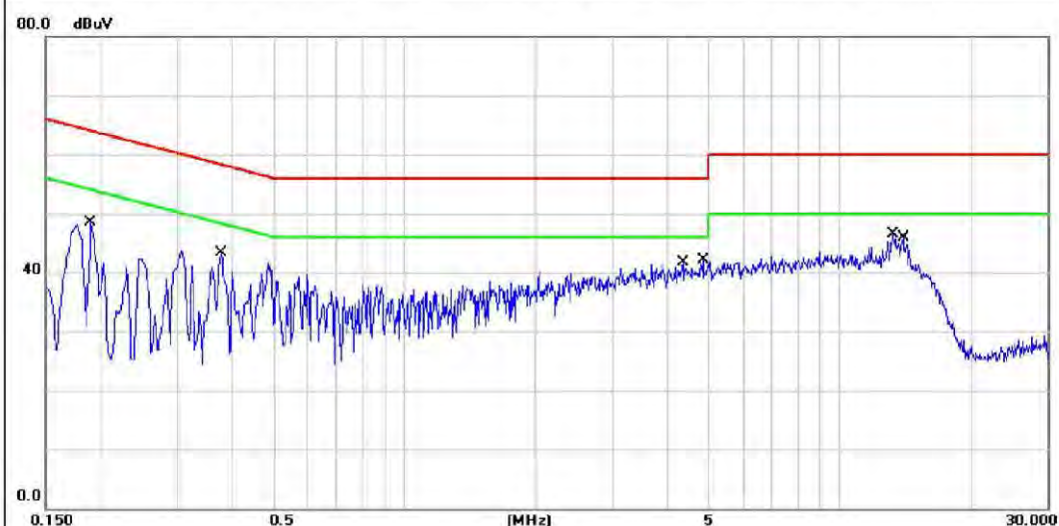
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Config_1_N

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:39:46
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1905	18.39	19.63	38.02	64.01	-25.99	QP	
2		0.1905	4.41	19.63	24.04	54.01	-29.97	AVG	
3	*	0.3795	19.29	19.98	39.27	58.29	-19.02	QP	
4		0.3795	5.89	19.98	25.87	48.29	-22.42	AVG	
5		4.3755	14.48	20.22	34.70	56.00	-21.30	QP	
6		4.3755	5.78	20.22	26.00	46.00	-20.00	AVG	
7		4.8615	12.67	20.11	32.78	56.00	-23.22	QP	
8		4.8615	5.05	20.11	25.16	46.00	-20.84	AVG	
9		13.3305	16.29	20.18	36.47	60.00	-23.53	QP	
10		13.3305	6.02	20.18	26.20	50.00	-23.80	AVG	
11		14.0235	16.31	20.19	36.50	60.00	-23.50	QP	
12		14.0235	5.79	20.19	25.98	50.00	-24.02	AVG	

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

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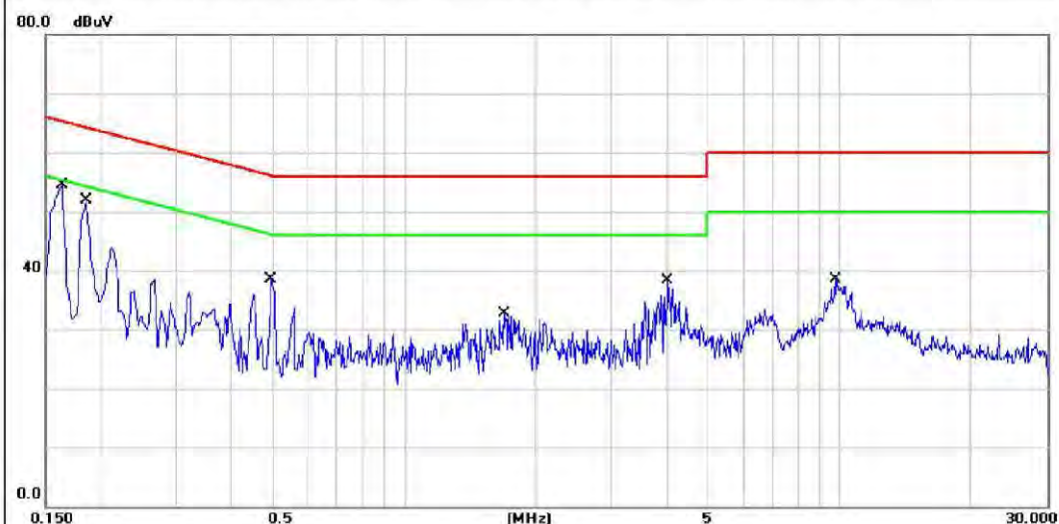
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Config_2_L

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 08:29:00
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Config 2	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1635	30.13	19.65	49.78	65.28	-15.50	QP	
2		0.1635	12.26	19.65	31.91	55.28	-23.37	AVG	
3		0.1860	21.57	19.65	41.22	64.21	-22.99	QP	
4		0.1860	8.70	19.65	28.35	54.21	-25.86	AVG	
5		0.4965	16.48	20.22	36.70	56.06	-19.36	QP	
6	*	0.4965	15.78	20.22	36.00	46.06	-10.06	AVG	
7		1.7025	1.98	20.48	22.46	56.00	-33.54	QP	
8		1.7025	-3.22	20.48	17.26	46.00	-28.74	AVG	
9		4.0380	11.40	20.30	31.70	56.00	-24.30	QP	
10		4.0380	-0.90	20.30	19.40	46.00	-26.60	AVG	
11		9.7665	12.18	20.14	32.32	60.00	-27.68	QP	
12		9.7665	4.28	20.14	24.42	50.00	-25.58	AVG	

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

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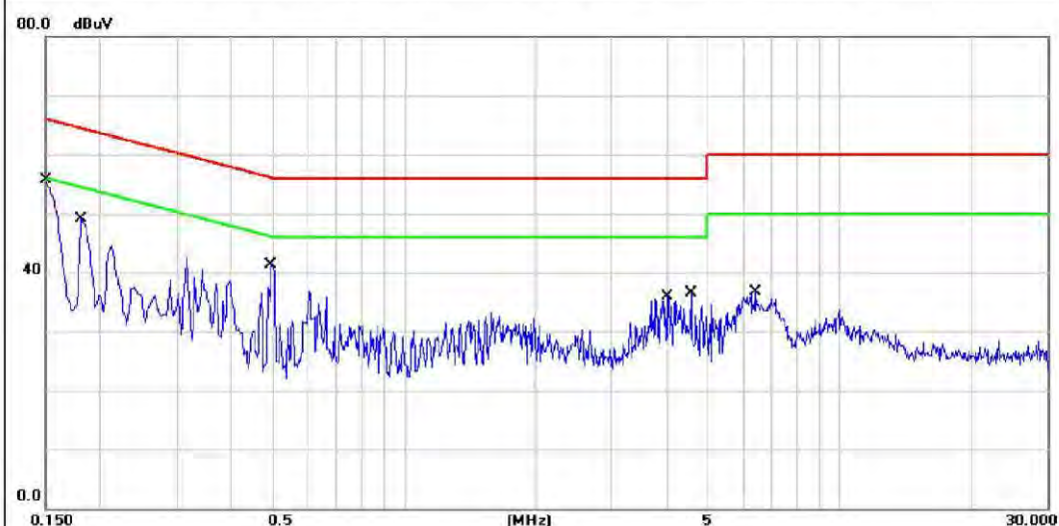
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Config_2_N

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 08:35:43
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Config 2	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1500	34.07	19.65	53.72	66.00	-12.28	QP	
2		0.1500	19.58	19.65	39.23	56.00	-16.77	AVG	
3		0.1815	28.76	19.64	48.40	64.42	-16.02	QP	
4		0.1815	19.36	19.64	39.00	54.42	-15.42	AVG	
5		0.4965	19.51	20.21	39.72	56.06	-16.34	QP	
6	*	0.4965	18.39	20.21	38.60	46.06	-7.46	AVG	
7		4.0200	11.08	20.30	31.38	56.00	-24.62	QP	
8		4.0200	-0.29	20.30	20.01	46.00	-25.99	AVG	
9		4.5510	7.06	20.18	27.24	56.00	-28.76	QP	
10		4.5510	-2.40	20.18	17.78	46.00	-28.22	AVG	
11		6.4140	10.66	20.09	30.75	60.00	-29.25	QP	
12		6.4140	1.98	20.09	22.07	50.00	-27.93	AVG	

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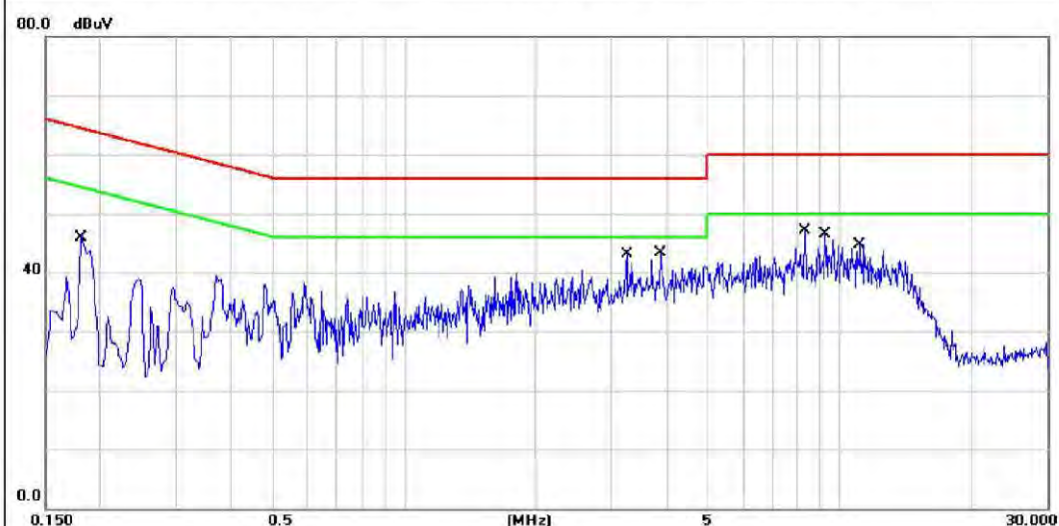
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Config_3_L

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:46:43
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1815	22.25	19.65	41.90	64.42	-22.52	QP	
2		0.1815	10.54	19.65	30.19	54.42	-24.23	AVG	
3		3.2550	13.96	20.48	34.44	56.00	-21.56	QP	
4		3.2550	4.52	20.48	25.00	46.00	-21.00	AVG	
5		3.8985	15.04	20.34	35.38	56.00	-20.62	QP	
6	*	3.8985	5.16	20.34	25.50	46.00	-20.50	AVG	
7		8.3670	17.08	20.12	37.20	60.00	-22.80	QP	
8		8.3670	6.88	20.12	27.00	50.00	-23.00	AVG	
9		9.2940	15.67	20.13	35.80	60.00	-24.20	QP	
10		9.2940	6.87	20.13	27.00	50.00	-23.00	AVG	
11		11.1570	14.40	20.15	34.55	60.00	-25.45	QP	
12		11.1570	5.61	20.15	25.76	50.00	-24.24	AVG	

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

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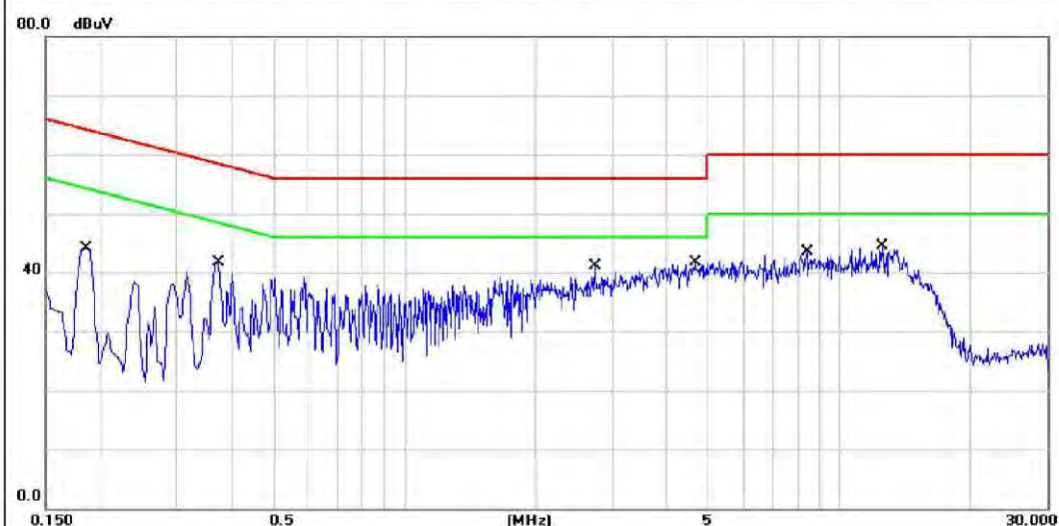
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Config_3_N

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:50:28
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1860	22.34	19.64	41.98	64.21	-22.23	QP	
2		0.1860	10.91	19.64	30.55	54.21	-23.66	AVG	
3	*	0.3750	19.63	19.97	39.60	58.39	-18.79	QP	
4		0.3750	7.51	19.97	27.48	48.39	-20.91	AVG	
5		2.7375	13.15	20.59	33.74	56.00	-22.26	QP	
6		2.7375	4.96	20.59	25.55	46.00	-20.45	AVG	
7		4.6500	15.54	20.16	35.70	56.00	-20.30	QP	
8		4.6500	6.54	20.16	26.70	46.00	-19.30	AVG	
9		8.4210	16.07	20.11	36.18	60.00	-23.82	QP	
10		8.4210	6.77	20.11	26.88	50.00	-23.12	AVG	
11		12.5745	16.11	20.17	36.28	60.00	-23.72	QP	
12		12.5745	5.82	20.17	25.99	50.00	-24.01	AVG	

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

Page: 1

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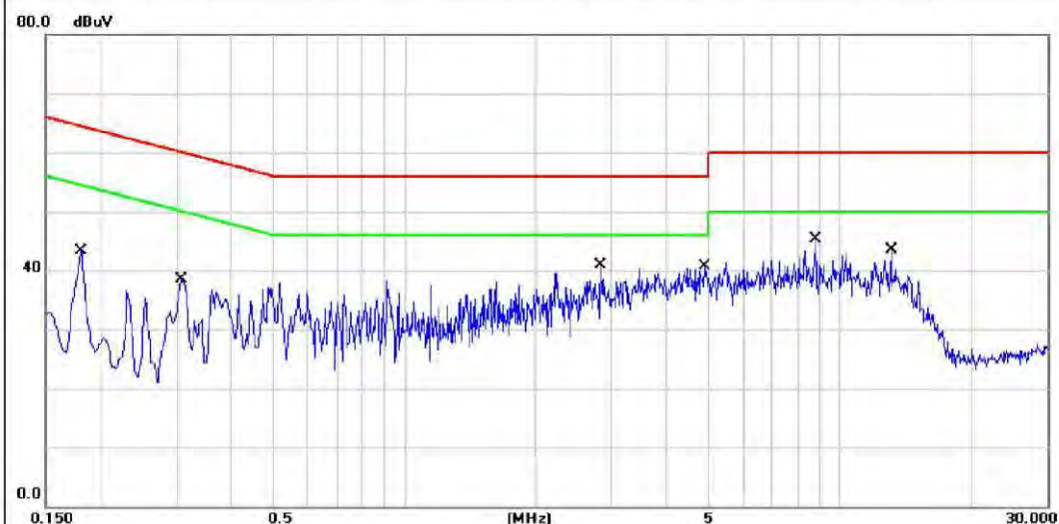
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Config_4_L

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:55:02
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1815	16.51	19.65	36.16	64.42	-28.26	QP	
2		0.1815	6.35	19.65	26.00	54.42	-28.42	AVG	
3		0.3075	16.16	19.84	36.00	60.04	-24.04	QP	
4		0.3075	9.36	19.84	29.20	50.04	-20.84	AVG	
5		2.8275	10.41	20.58	30.99	56.00	-25.01	QP	
6		2.8275	3.06	20.58	23.64	46.00	-22.36	AVG	
7		4.9200	14.23	20.11	34.34	56.00	-21.66	QP	
8	*	4.9200	5.63	20.11	25.74	46.00	-20.26	AVG	
9		8.8440	15.34	20.13	35.47	60.00	-24.53	QP	
10		8.8440	6.29	20.13	26.42	50.00	-23.58	AVG	
11		13.1325	13.14	20.17	33.31	60.00	-26.69	QP	
12		13.1325	4.08	20.17	24.25	50.00	-25.75	AVG	

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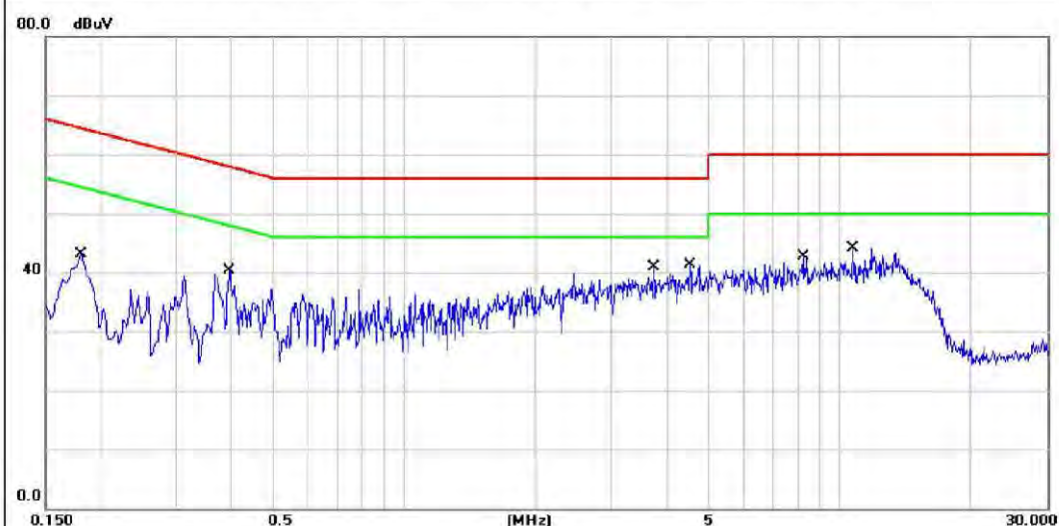
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Config_4_N

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 06:58:28
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1		0.1815	21.10	19.64	40.74	64.42	-23.68	QP	
2		0.1815	9.38	19.64	29.02	54.42	-25.40	AVG	
3		0.3975	13.23	20.01	33.24	57.91	-24.67	QP	
4		0.3975	3.11	20.01	23.12	47.91	-24.79	AVG	
5		3.7500	13.94	20.36	34.30	56.00	-21.70	QP	
6		3.7500	5.24	20.36	25.60	46.00	-20.40	AVG	
7		4.5285	14.29	20.19	34.48	56.00	-21.52	QP	
8	*	4.5285	5.61	20.19	25.80	46.00	-20.20	AVG	
9		8.2500	15.28	20.12	35.40	60.00	-24.60	QP	
10		8.2500	6.43	20.12	26.55	50.00	-23.45	AVG	
11		10.7745	15.46	20.14	35.60	60.00	-24.40	QP	
12		10.7745	6.34	20.14	26.48	50.00	-23.52	AVG	

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

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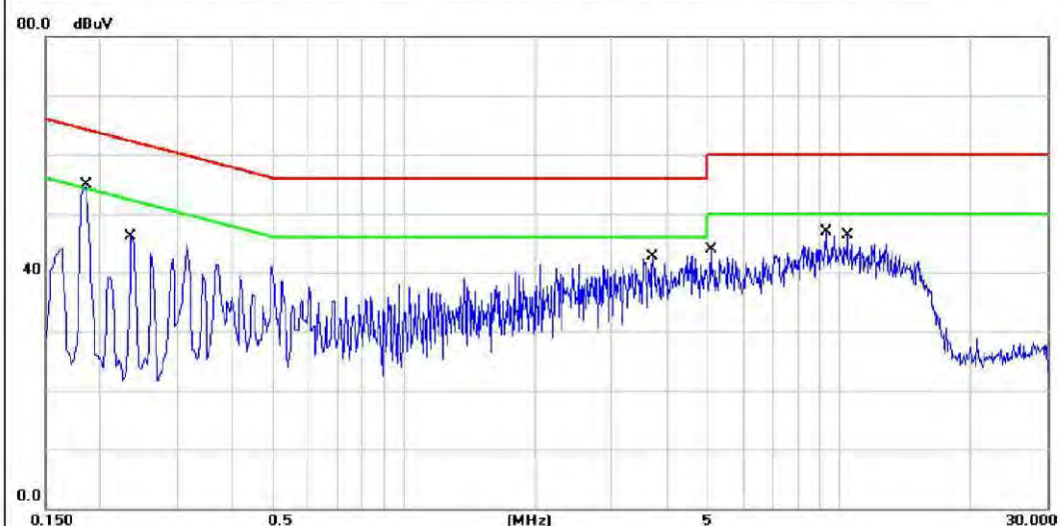
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Config_5_L

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 08:05:46
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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No.	Mk	Freq. MHz	Reading (dBuV)	Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	*	0.1860	31.08	19.65	50.73	64.21	-13.48	QP	
2		0.1860	17.52	19.65	37.17	54.21	-17.04	AVG	
3		0.2355	22.35	19.71	42.06	62.25	-20.19	QP	
4		0.2355	5.89	19.71	25.60	52.25	-26.65	AVG	
5		3.7275	15.12	20.38	35.50	56.00	-20.50	QP	
6		3.7275	5.02	20.38	25.40	46.00	-20.60	AVG	
7		5.0730	13.90	20.09	33.99	60.00	-26.01	QP	
8		5.0730	5.60	20.09	25.69	50.00	-24.31	AVG	
9		9.3435	17.17	20.13	37.30	60.00	-22.70	QP	
10		9.3435	7.17	20.13	27.30	50.00	-22.70	AVG	
11		10.4100	15.56	20.14	35.70	60.00	-24.30	QP	
12		10.4100	6.48	20.14	26.62	50.00	-23.38	AVG	

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

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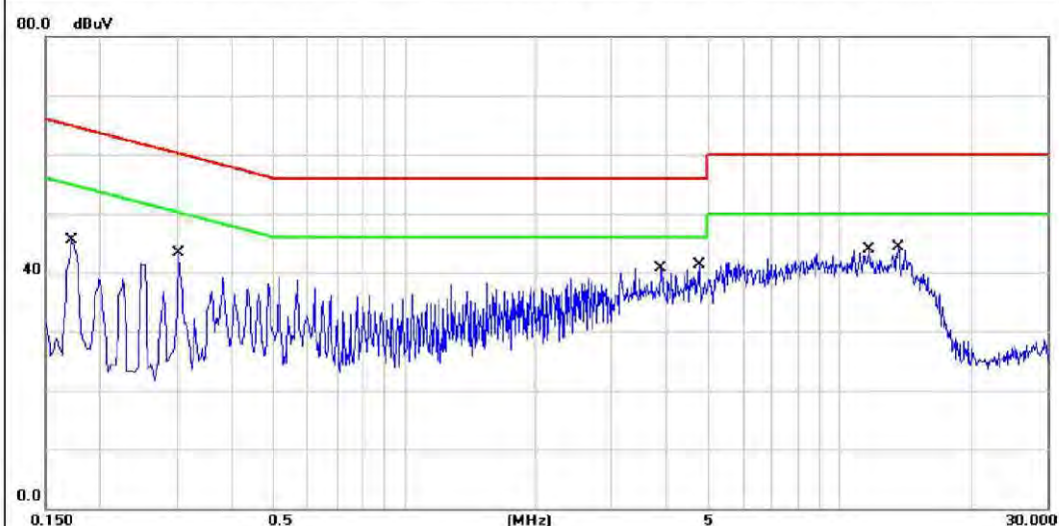
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Config_5_N

Site: : Conduction Room B	Date: 2020/12/12	Time: 下午 08:10:58
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 69 %RH
Report: MH-2020-B0117		Air Pressure: 990 hpa
Tester: Vic		
Note:		

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)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	*	0.1725	26.26	19.64	45.90	64.84	-18.94	QP	
2		0.1725	12.56	19.64	32.20	54.84	-22.64	AVG	
3		0.3030	14.46	19.83	34.29	60.16	-25.87	QP	
4		0.3030	3.62	19.83	23.45	50.16	-26.71	AVG	
5		3.8850	13.06	20.33	33.39	56.00	-22.61	QP	
6		3.8850	4.45	20.33	24.78	46.00	-21.22	AVG	
7		4.7490	15.86	20.14	36.00	56.00	-20.00	QP	
8		4.7490	6.16	20.14	26.30	46.00	-19.70	AVG	
9		11.7060	15.67	20.16	35.83	60.00	-24.17	QP	
10		11.7060	5.32	20.16	25.48	50.00	-24.52	AVG	
11		13.6410	16.92	20.18	37.10	60.00	-22.90	QP	
12		13.6410	6.02	20.18	26.20	50.00	-23.80	AVG	

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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
Pre Amplifier	EMC Instruments Corp.	EMC330	980178	2020/3/31	2021/3/30
Pre Amplifier	EMC Instruments Corp.	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
Universal Digital Radio Communication Tester	R&S	CMU 200	114273	2020/5/31	2021/5/30
Wideband Radio Communication Tester	R&S	CMW 500	152303	2020/2/24	2021/2/23
Radio Communication Analyzer	Anritsu	MT8820C	6201465315	N.C.R.	N.C.R.
Controller	MF	MF7802	N/A	N.C.R.	N.C.R.
Controller	MF	MF7802	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Turn Table	MF	N/A	N/A	N.C.R.	N.C.R.
Site NSA	SGS	10M Chamber	10M SAC	2019/12/31	2020/12/30
Test S/W	Farad	EZ-EMC	Ver. SGS 10m-03A2-3	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 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	2019/12/25	2020/12/24
Pre Amplifier	R & S	SCU-18	10203	2020/3/26	2021/3/25
Pre Amplifier	EMC Instruments	EMC184045B	980135	2020/10/27	2021/10/26
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104	MY 5817/4	2020/3/26	2021/3/25
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	6201465315	N.C.R.	N.C.R.
Controller	MF	MF7802	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Turn Table	MF	N/A	N/A	N.C.R.	N.C.R.
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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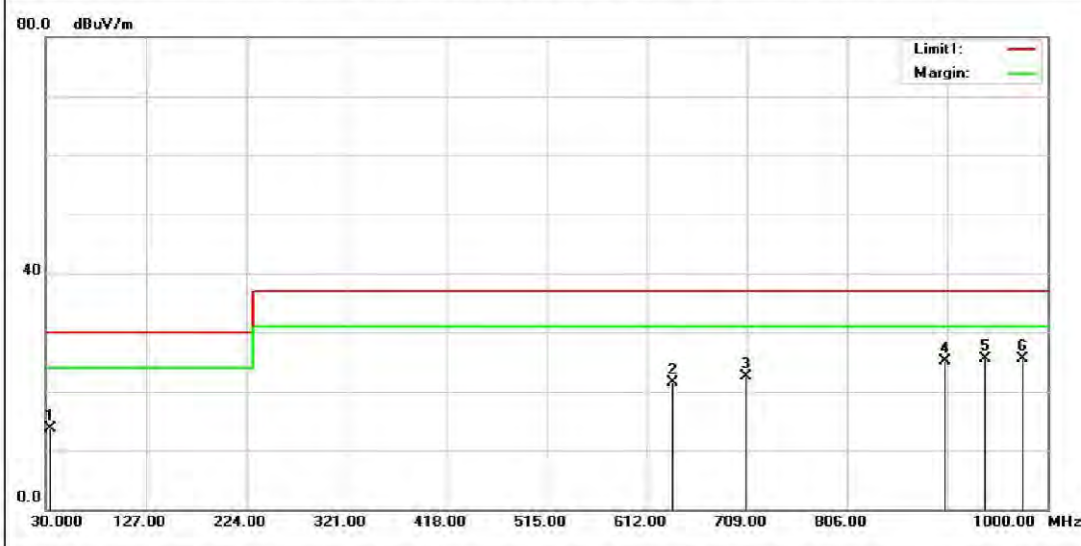
2.5.3 Measurement Data

Below 1GHz

Config_1_H

Site: SGS 10m Chamber	Date: 2020/12/11	Time: 上午 01:46:45
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 68 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: GSM 850		

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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	25.42	-11.63	13.79	30.00	-16.21			QP	
2		637.2200	22.95	-1.35	21.60	37.00	-15.40			QP	
3		708.0300	22.93	-0.43	22.50	37.00	-14.50			QP	
4		901.0600	23.08	2.02	25.10	37.00	-11.90			QP	
5	*	939.8600	23.04	2.52	25.56	37.00	-11.44	136	326	QP	
6		975.7500	22.62	2.86	25.48	37.00	-11.52			QP	

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

Page: 1

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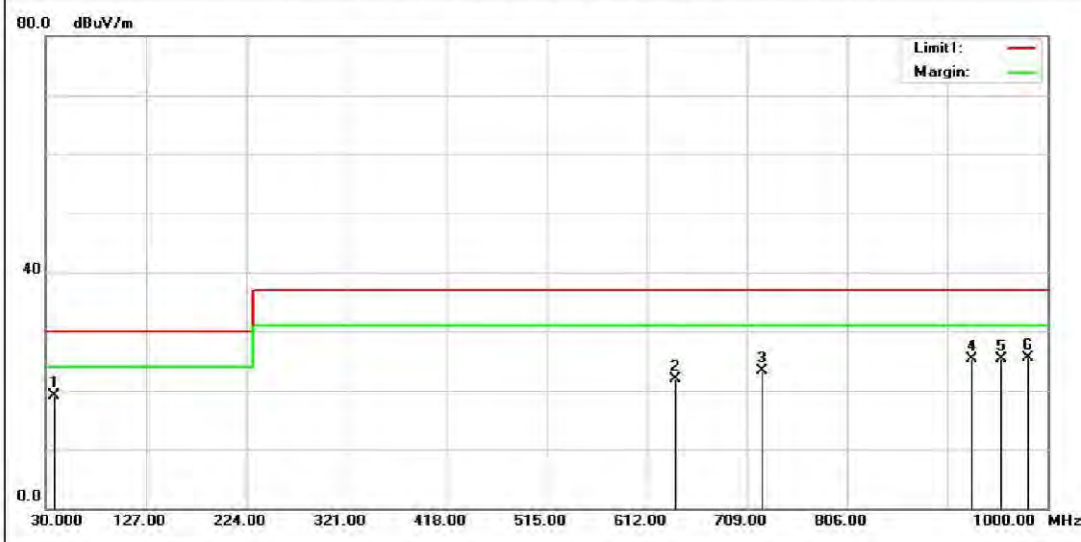
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Config_1_V

Site: SGS 10m Chamber	Date: 2020/12/11	Time: 上午 01:46:44
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 21 °C
Mode: Config 1	Power: AC120V/60Hz	Humidity: 68 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: GSM 850		

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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	*	38.4000	30.30	-11.22	19.08	30.00	-10.92	110	256	QP	
2		639.1600	22.81	-0.91	21.90	37.00	-15.10			QP	
3		723.5500	22.63	0.63	23.26	37.00	-13.74			QP	
4		927.2500	22.55	2.74	25.29	37.00	-11.71			QP	
5		955.3800	22.67	2.62	25.29	37.00	-11.71			QP	
6		981.5700	22.60	2.93	25.53	37.00	-11.47			QP	

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Config_2_H

Site: SGS 10m Chamber	Date: 2020/12/16	Time: 上午 07:16:28
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 22 °C
Mode: Config 2	Power: AC100V/50Hz	Humidity: 67 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: Data Internal Write		

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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	37.32	-11.16	26.16	30.00	-3.84	399	145	QP	
2		888.4500	23.49	1.82	25.31	37.00	-11.69			QP	
3		919.4900	23.36	2.35	25.71	37.00	-11.29			QP	
4		935.9800	23.38	2.45	25.83	37.00	-11.17			QP	
5		957.3200	23.05	2.73	25.78	37.00	-11.22			QP	
6		979.6300	22.72	2.97	25.69	37.00	-11.31			QP	

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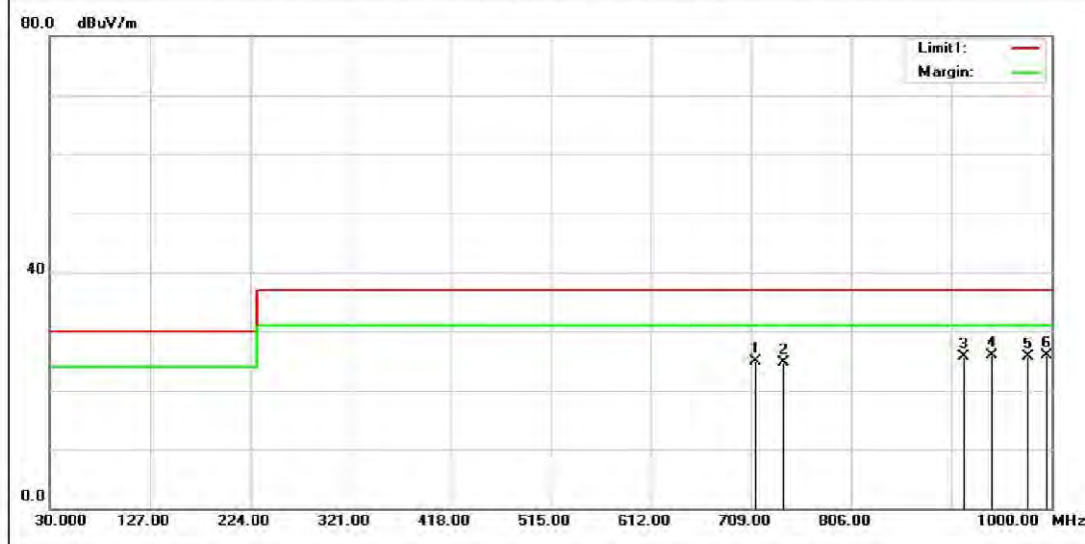
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Config_2_V

Site: SGS 10m Chamber	Date: 2020/12/16	Time: 上午 07:16:27
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 22 °C
Mode: Config 2	Power: AC100V/50Hz	Humidity: 67 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Moore Cheng		
Note: Data Internal Write		

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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		712.8800	24.45	0.40	24.85	37.00	-12.15			QP	
2		740.0400	23.24	1.42	24.66	37.00	-12.34			QP	
3		915.6100	22.99	2.62	25.61	37.00	-11.39			QP	
4	*	942.7700	23.24	2.70	25.94	37.00	-11.06	110	0	QP	
5		977.6900	22.85	2.91	25.76	37.00	-11.24			QP	
6		995.1500	22.93	2.88	25.81	37.00	-11.19			QP	

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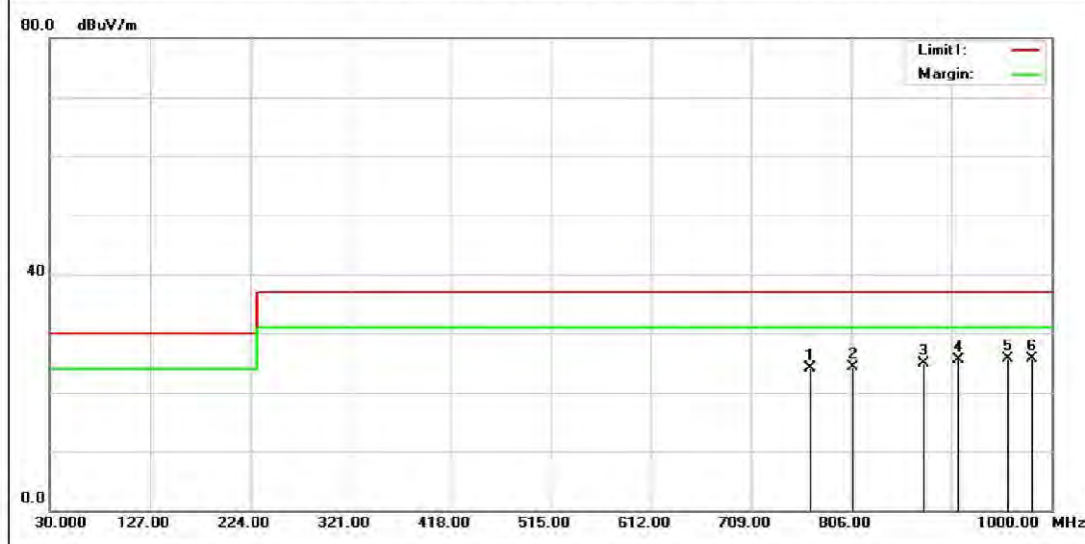
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Config_3_H

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 12:50:34
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: REC mode (Front)		

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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		766.2300	22.85	1.21	24.06	37.00	-12.94			QP	
2		807.9400	23.06	1.16	24.22	37.00	-12.78			QP	
3		876.8100	23.11	1.71	24.82	37.00	-12.18			QP	
4		909.7900	23.23	2.18	25.41	37.00	-11.59			QP	
5		957.3200	22.94	2.73	25.67	37.00	-11.33			QP	
6	*	981.5700	22.81	2.96	25.77	37.00	-11.23	400	3	QP	

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

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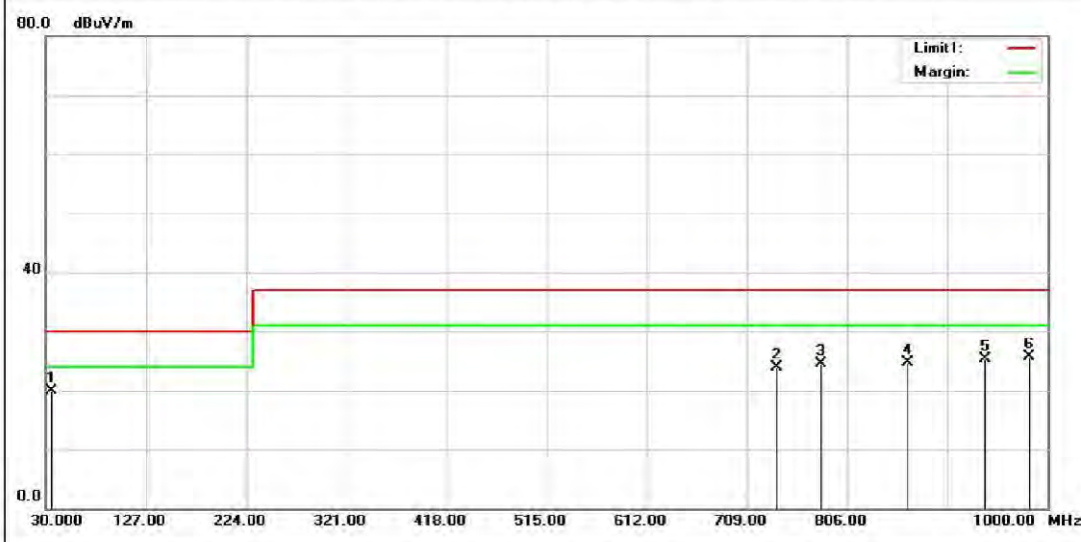
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Config_3_V

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 12:50:33
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 20 °C
Mode: Config 3	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: REC mode (Front)		

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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	*	35.6281	31.63	-11.67	19.96	30.00	-10.04	110	360	QP	
2		738.1000	22.61	1.32	23.93	37.00	-13.07			QP	
3		780.7800	22.70	1.75	24.45	37.00	-12.55			QP	
4		864.2000	22.61	2.19	24.80	37.00	-12.20			QP	
5		939.8600	22.60	2.66	25.26	37.00	-11.74			QP	
6		982.5400	22.69	2.93	25.62	37.00	-11.38			QP	

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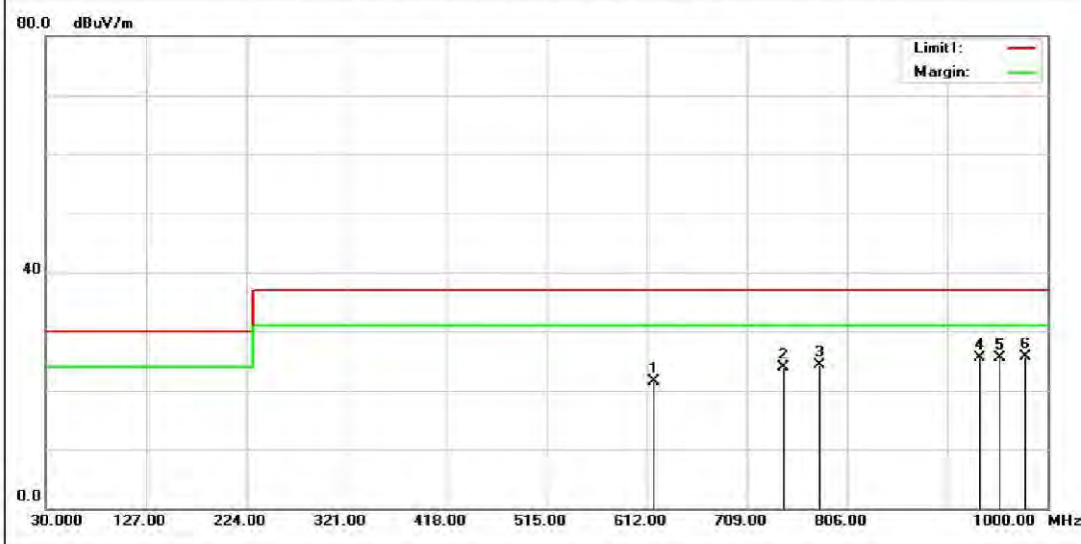
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Config_4_H

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 03:43:34
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: GSM 850		

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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		618.7900	23.06	-1.55	21.51	37.00	-15.49			QP	
2		743.9200	22.77	1.08	23.85	37.00	-13.15			QP	
3		778.8400	22.99	1.30	24.29	37.00	-12.71			QP	
4		934.0400	23.15	2.43	25.58	37.00	-11.42			QP	
5		953.4400	22.97	2.62	25.59	37.00	-11.41			QP	
6	*	978.6600	22.76	2.94	25.70	37.00	-11.30	399	96	QP	

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Config_4_V

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 03:43:32
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 20 °C
Mode: Config 4	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
Note: GSM 850		

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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	*	35.5104	32.25	-11.64	20.61	30.00	-9.39	220	340	QP	
2		752.6500	22.65	1.79	24.44	37.00	-12.56			QP	
3		910.7600	22.63	2.47	25.10	37.00	-11.90			QP	
4		950.5300	22.72	2.69	25.41	37.00	-11.59			QP	
5		968.9600	22.61	2.75	25.36	37.00	-11.64			QP	
6		990.3000	22.77	2.86	25.63	37.00	-11.37			QP	

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Config_5_H

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 03:24:59
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
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		805.0300	22.97	1.18	24.15	37.00	-12.85			QP	
2		841.8900	23.07	1.34	24.41	37.00	-12.59			QP	
3		897.1800	23.22	1.99	25.21	37.00	-11.79			QP	
4		942.7700	23.06	2.51	25.57	37.00	-11.43			QP	
5		973.8100	22.70	2.85	25.55	37.00	-11.45			QP	
6	*	1000.0000	22.76	3.00	25.76	37.00	-11.24	399	173	QP	

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Config_5_V

Site: SGS 10m Chamber	Date: 2020/12/12	Time: 上午 03:24:57
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 20 °C
Mode: Config 5	Power: AC120V/60Hz	Humidity: 69 %RH
Report: File :MH-2020-B0117	Distance: 10m	Air Pressure: 990 hpa
Tester: Jeffrey Chou		
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	*	36.0885	32.06	-11.71	20.35	30.00	-9.65	220	323	QP	
2		825.4000	22.66	2.05	24.71	37.00	-12.29			QP	
3		875.8400	22.56	2.19	24.75	37.00	-12.25			QP	
4		924.3400	22.64	2.74	25.38	37.00	-11.62			QP	
5		954.4100	22.76	2.63	25.39	37.00	-11.61			QP	
6		986.4200	22.74	2.92	25.66	37.00	-11.34			QP	

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

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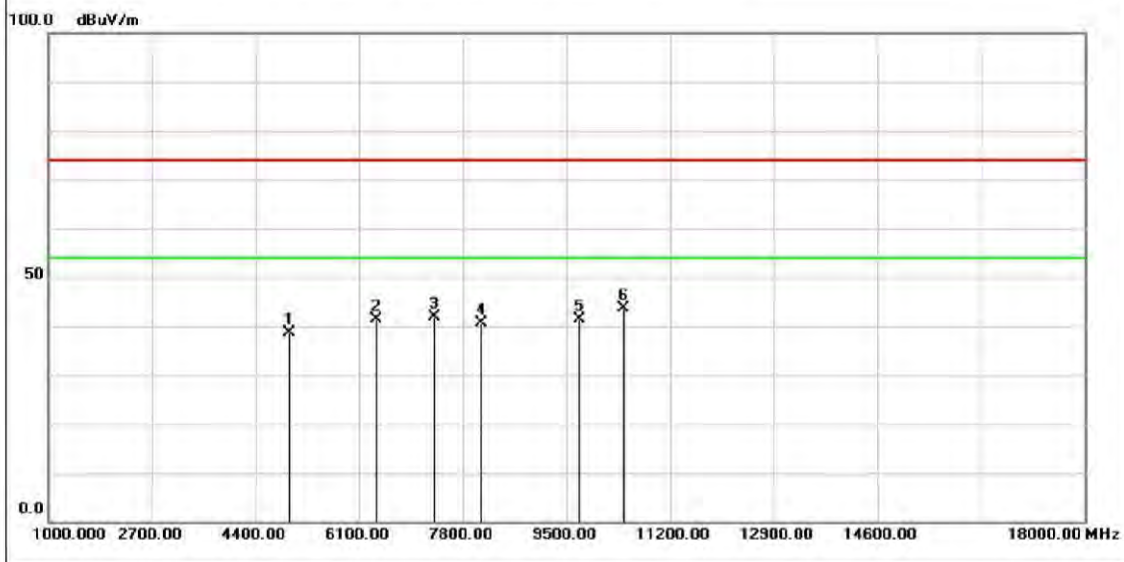


Above 1GHz

Config_1_H

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 07:47:30
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	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		4944.000	44.75	-6.05	38.70	74.00	-35.30			peak	
2		6389.000	43.69	-2.30	41.39	74.00	-32.61			peak	
3		7324.000	40.40	1.48	41.88	74.00	-32.12			peak	
4		8106.000	39.11	1.41	40.52	74.00	-33.48			peak	
5		9704.000	38.93	2.36	41.29	74.00	-32.71			peak	
6	*	10435.000	39.41	4.29	43.70	74.00	-30.30	100	177	peak	

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

Page: 1

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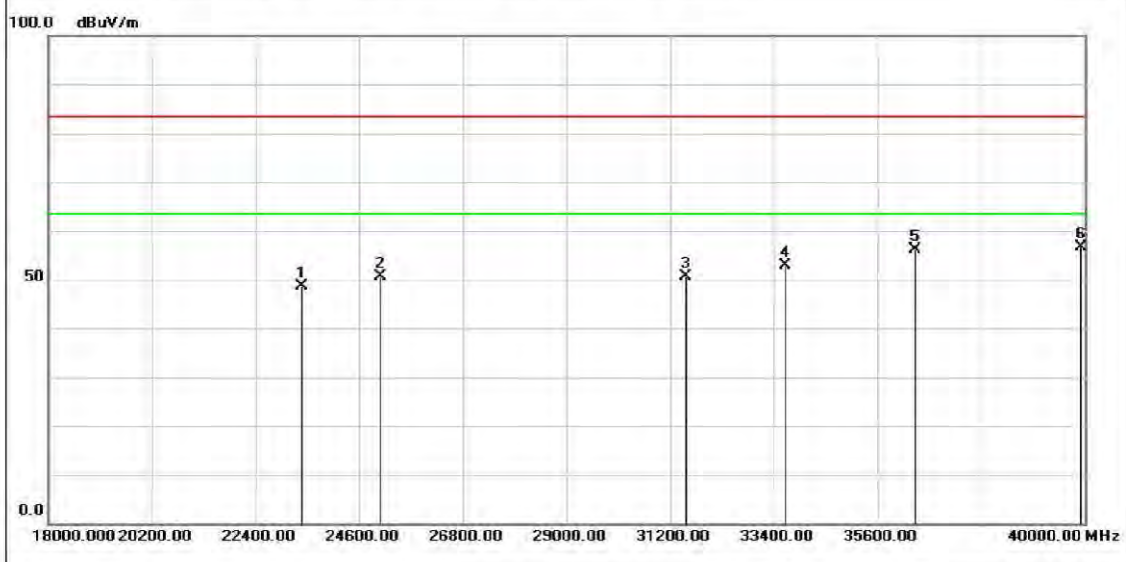
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 02:27:50
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: 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		23368.000	46.48	2.06	48.54	83.50	-34.96			peak	
2		25040.000	48.27	2.32	50.59	83.50	-32.91			peak	
3		31530.000	47.80	2.93	50.73	83.50	-32.77			peak	
4		33642.000	49.07	3.73	52.80	83.50	-30.70			peak	
5		36414.000	47.91	8.23	56.14	83.50	-27.36			peak	
6	*	39934.000	41.86	14.79	56.65	83.50	-26.85	102	185	peak	

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

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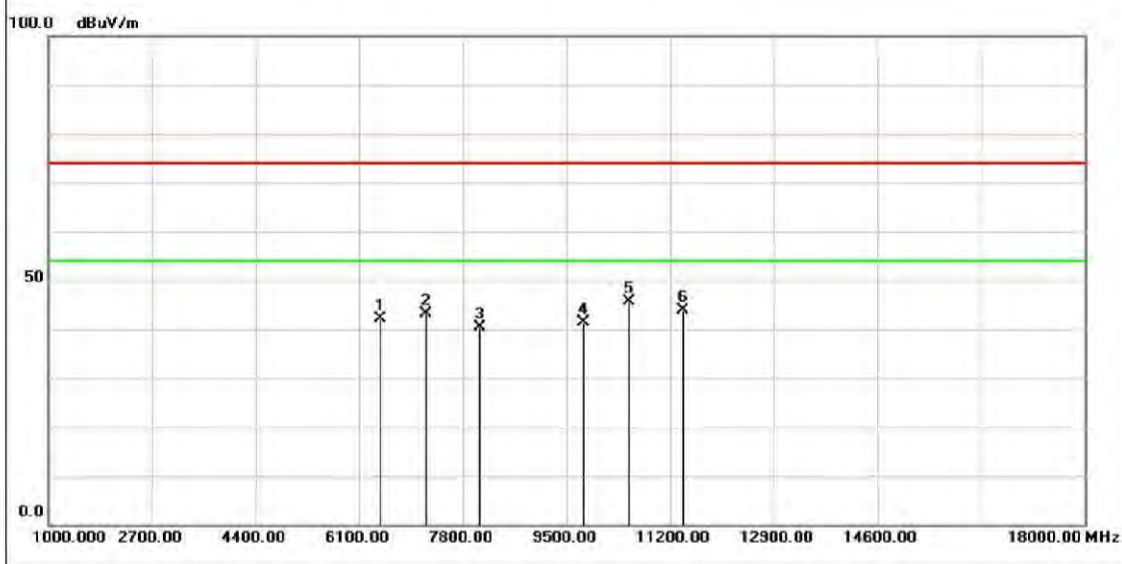
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Config_1_V

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 07:25:21
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 20 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	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		6457.000	44.16	-2.12	42.04	74.00	-31.96			peak	
2		7205.000	41.88	1.27	43.15	74.00	-30.85			peak	
3		8072.000	38.84	1.56	40.40	74.00	-33.60			peak	
4		9789.000	38.76	2.72	41.48	74.00	-32.52			peak	
5	*	10520.000	41.28	4.44	45.72	74.00	-28.28	100	30	peak	
6		11421.000	39.40	4.45	43.85	74.00	-30.15			peak	

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

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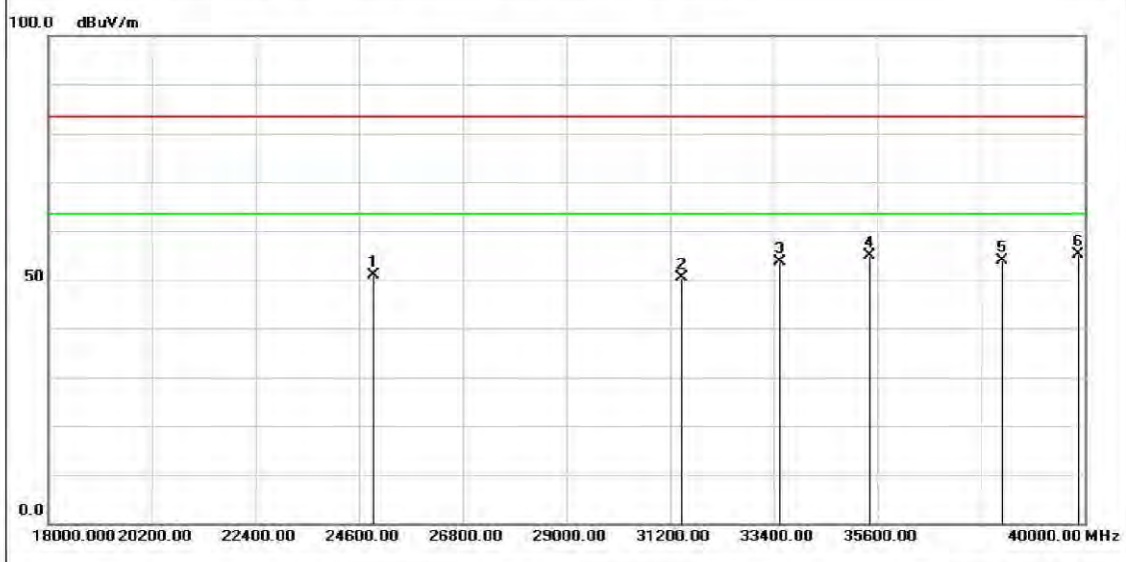
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 02:15:02
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 1	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: 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		24908.000	48.63	2.18	50.81	83.50	-32.69			peak	
2		31442.000	47.38	2.90	50.28	83.50	-33.22			peak	
3		33532.000	49.92	3.71	53.63	83.50	-29.87			peak	
4		35424.000	48.79	6.04	54.83	83.50	-28.67			peak	
5		38240.000	44.18	9.77	53.95	83.50	-29.55			peak	
6	*	39868.000	40.55	14.58	55.13	83.50	-28.37	100	24	peak	

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

Page: 1

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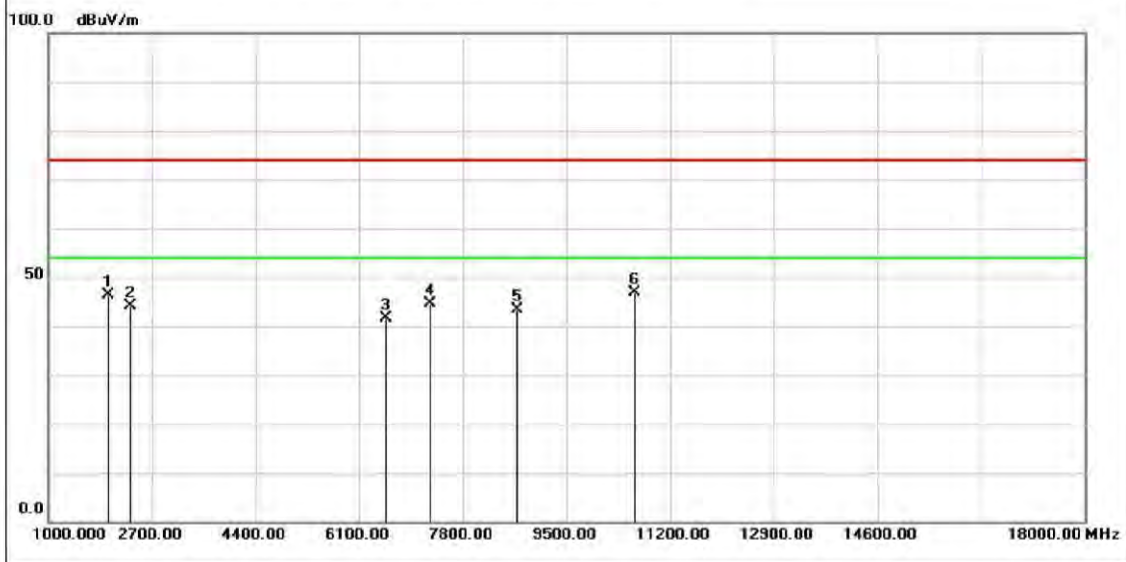
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Config_2_H

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 08:12:44
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Data External Read		

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		1995.000	59.13	-12.83	46.30	74.00	-27.70			peak	
2		2350.000	54.64	-10.52	44.12	74.00	-29.88			peak	
3		6542.000	43.51	-1.80	41.71	74.00	-32.29			peak	
4		7256.000	43.16	1.37	44.53	74.00	-29.47			peak	
5		8701.000	41.75	1.60	43.35	74.00	-30.65			peak	
6	*	10622.000	42.70	4.27	46.97	74.00	-27.03	100	189	peak	

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

Page: 1

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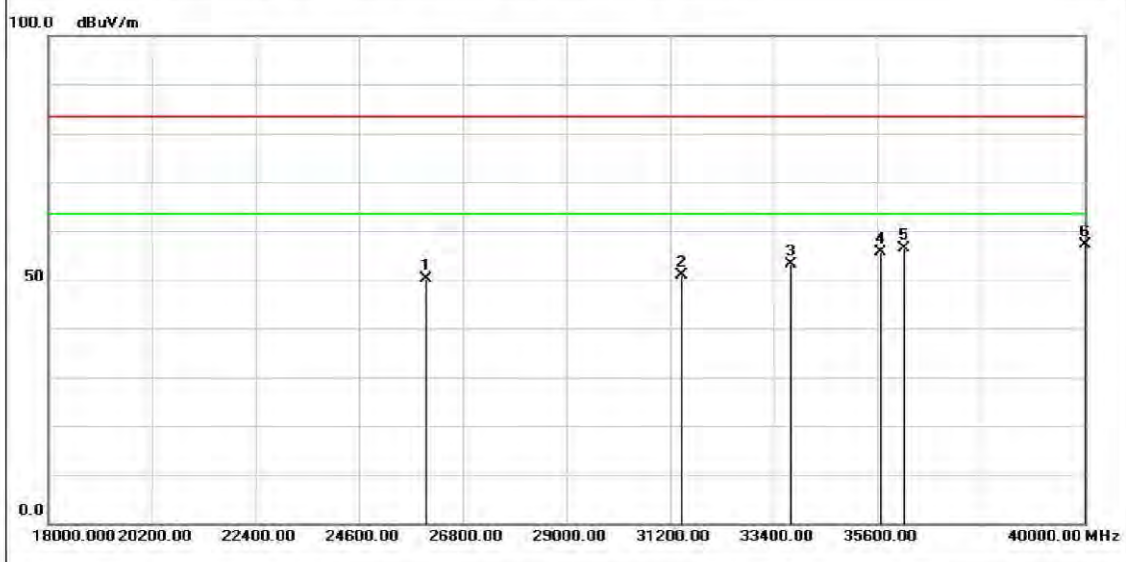
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 03:11:28
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Data External Read		

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		26030.000	48.47	1.78	50.25	83.50	-33.25			peak	
2		31442.000	48.04	2.90	50.94	83.50	-32.56			peak	
3		33752.000	49.26	3.75	53.01	83.50	-30.49			peak	
4		35666.000	49.25	6.43	55.68	83.50	-27.82			peak	
5		36172.000	49.03	7.45	56.48	83.50	-27.02			peak	
6	*	40000.000	42.15	15.00	57.15	83.50	-26.35	105	310	peak	

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

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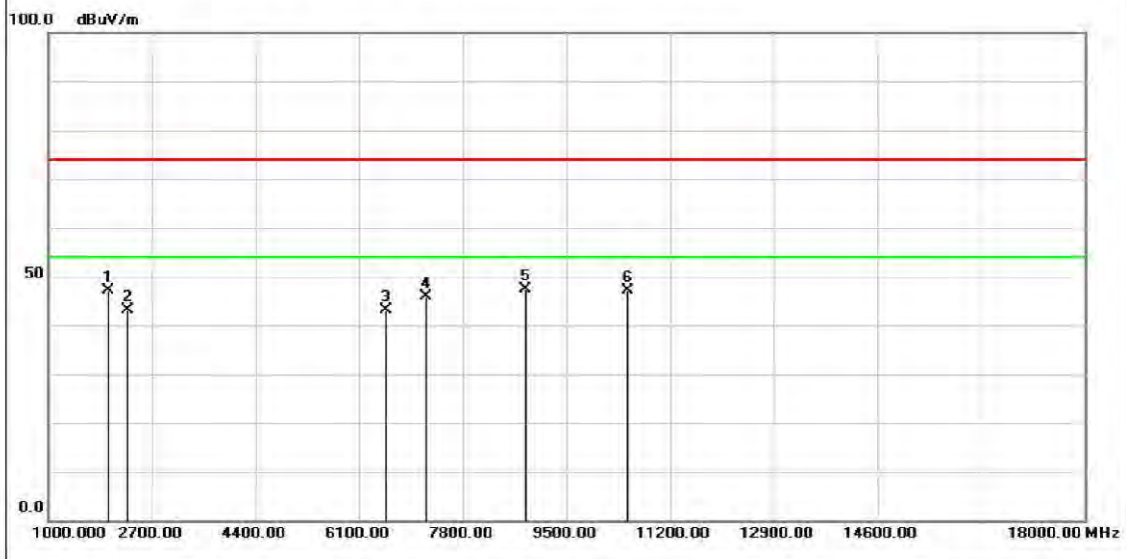
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Config_2_V

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 07:59:30
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 20 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Data External Read		

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		1995.000	60.01	-12.83	47.18	74.00	-26.82			peak	
2		2300.000	53.70	-10.46	43.24	74.00	-30.76			peak	
3		6542.000	44.89	-1.80	43.09	74.00	-30.91			peak	
4		7205.000	44.58	1.27	45.85	74.00	-28.15			peak	
5	*	8837.000	45.80	1.46	47.26	74.00	-26.74	102	185	peak	
6		10503.000	42.72	4.48	47.20	74.00	-26.80			peak	

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

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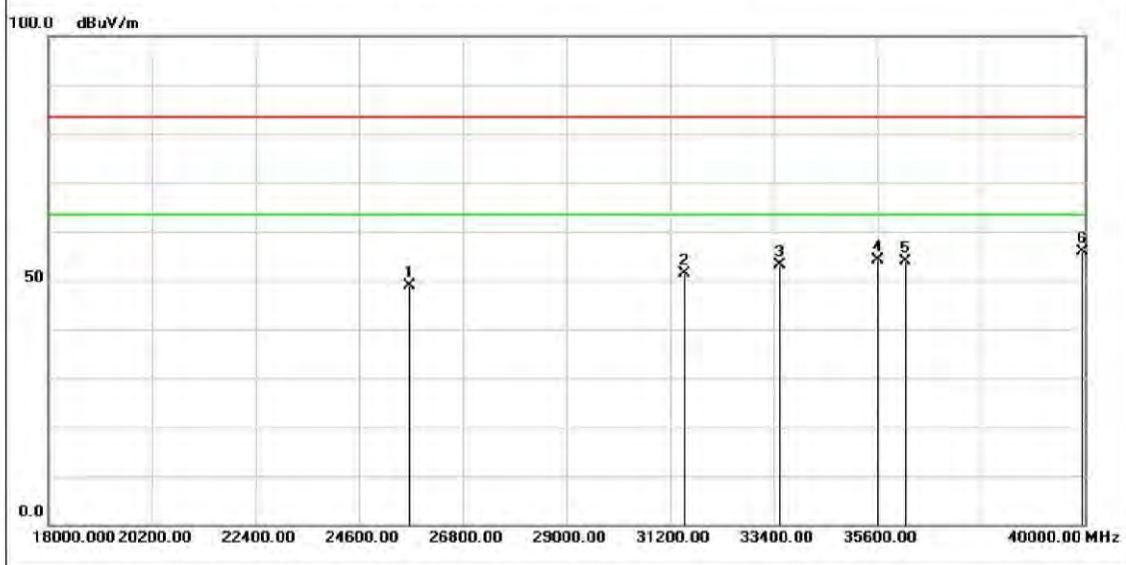
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 02:57:44
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 2	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: Data External Read		

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		25678.000	46.00	2.95	48.95	83.50	-34.55			peak	
2		31508.000	48.31	2.98	51.29	83.50	-32.21			peak	
3		33532.000	49.32	3.71	53.03	83.50	-30.47			peak	
4		35622.000	47.66	6.37	54.03	83.50	-29.47			peak	
5		36194.000	46.31	7.52	53.83	83.50	-29.67			peak	
6	*	39956.000	40.95	14.86	55.81	83.50	-27.69	100	147	peak	

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

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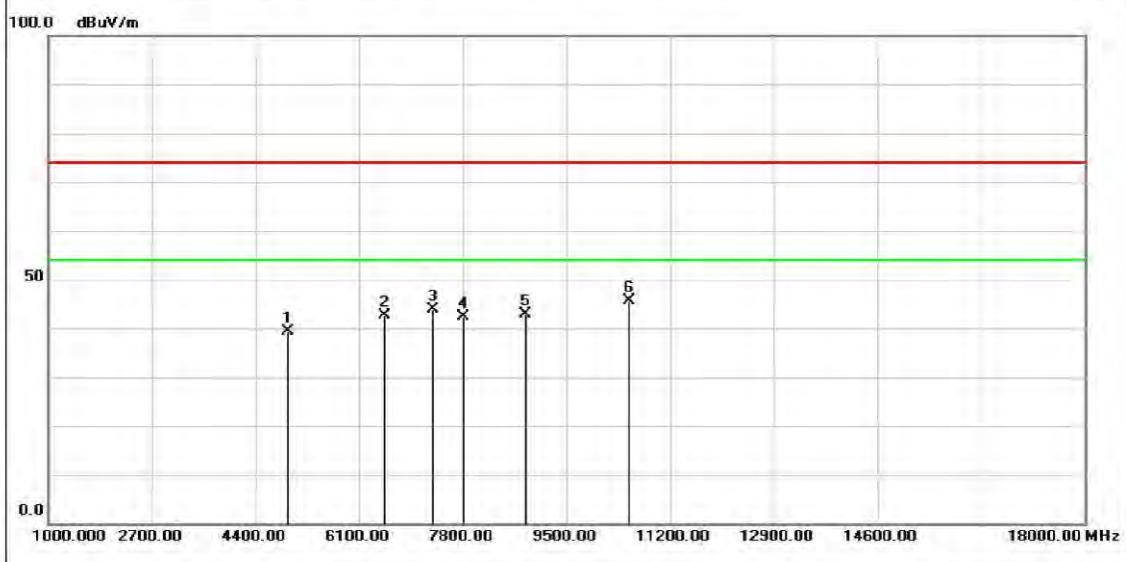
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Config_3_H

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 08:41:02
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: REC mode Back		

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		4927.000	45.62	-6.16	39.46	74.00	-34.54			peak	
2		6508.000	44.68	-1.96	42.72	74.00	-31.28			peak	
3		7307.000	42.44	1.53	43.97	74.00	-30.03			peak	
4		7800.000	41.49	0.96	42.45	74.00	-31.55			peak	
5		8820.000	41.40	1.48	42.88	74.00	-31.12			peak	
6	*	10537.000	41.16	4.40	45.56	74.00	-28.44	100	50	peak	

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

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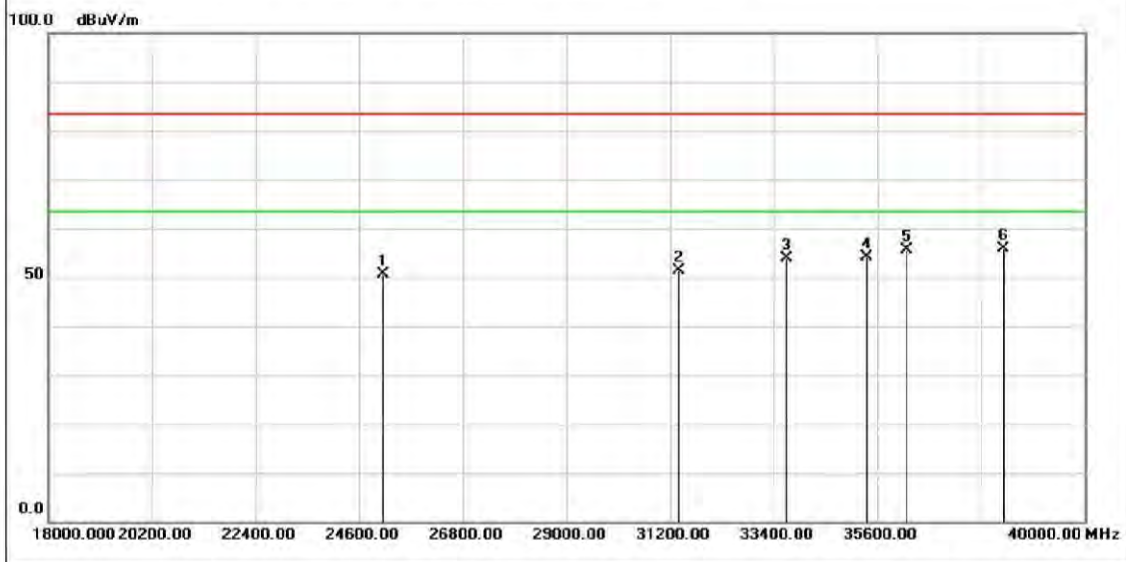
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Site: SGS 966 Chamber B Date: 2020/12/12 Time: 下午 03:48:10
 Limit: FCC Class B 1m 18-40G(Peak) Polarization: **Horizontal** Temperature: 21 °C
 Mode: Config 3 Power: AC 120V/60Hz Humidity: 62 %RH
 Report: MH-2020-B0117 Distance: 1m Air Pressure: 990 hpa
 Tester: Ken Chen
 Note: REC mode Back

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	48.16	2.50	50.66	83.50	-32.84			peak	
2		31376.000	48.52	2.80	51.32	83.50	-32.18			peak	
3		33686.000	50.25	3.74	53.99	83.50	-29.51			peak	
4		35380.000	48.20	5.94	54.14	83.50	-29.36			peak	
5		36238.000	47.95	7.66	55.61	83.50	-27.89			peak	
6	*	38284.000	45.67	10.09	55.76	83.50	-27.74	104	129	peak	

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

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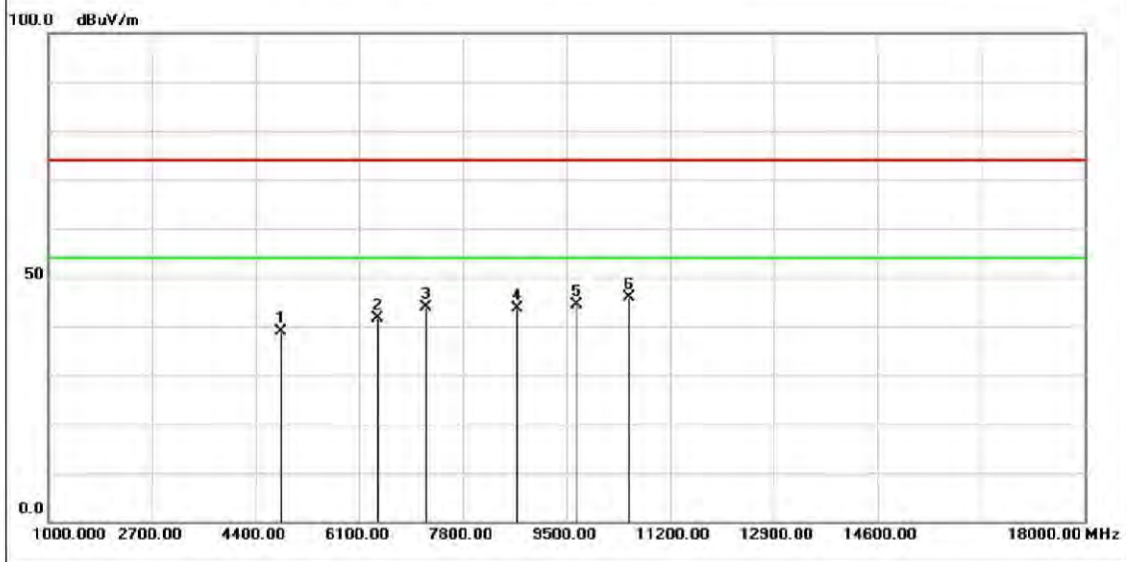
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Config_3_V

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 08:28:30
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 20 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: REC mode Back		

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		4808.000	45.27	-6.42	38.85	74.00	-35.15			peak	
2		6406.000	43.79	-2.27	41.52	74.00	-32.48			peak	
3		7205.000	42.55	1.27	43.82	74.00	-30.18			peak	
4		8701.000	41.98	1.60	43.58	74.00	-30.42			peak	
5		9670.000	42.01	2.33	44.34	74.00	-29.66			peak	
6	*	10520.000	41.36	4.44	45.80	74.00	-28.20	107	196	peak	

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

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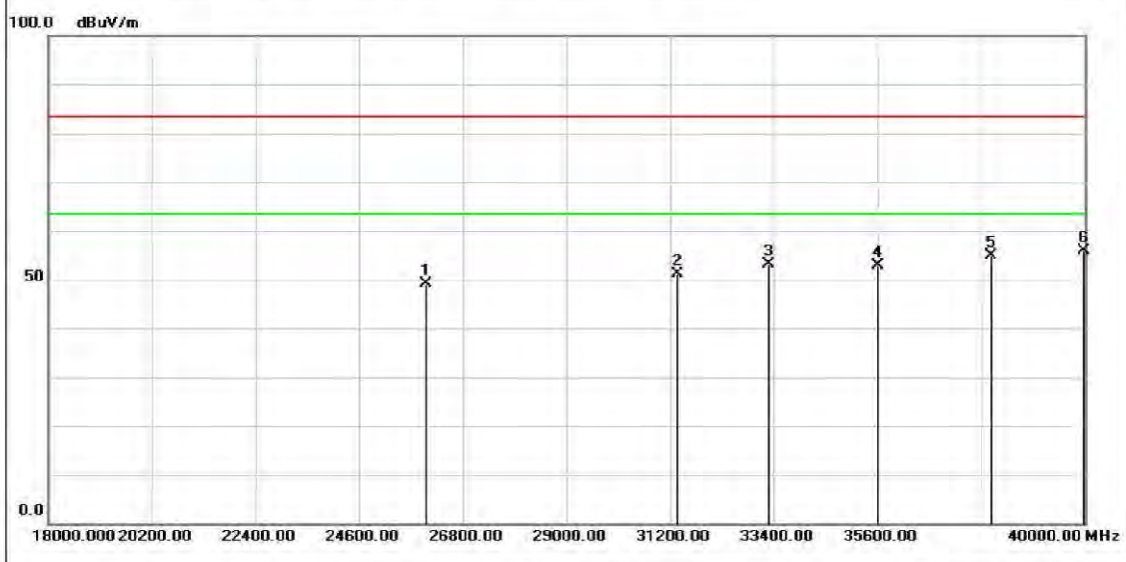
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 03:24:37
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 3	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: REC mode Back		

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		26008.000	47.41	1.80	49.21	83.50	-34.29			peak	
2		31354.000	48.42	2.76	51.18	83.50	-32.32			peak	
3		33290.000	49.72	3.41	53.13	83.50	-30.37			peak	
4		35600.000	46.42	6.34	52.76	83.50	-30.74			peak	
5		38020.000	46.69	8.24	54.93	83.50	-28.57			peak	
6	*	39978.000	41.02	14.93	55.95	83.50	-27.55	110	48	peak	

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

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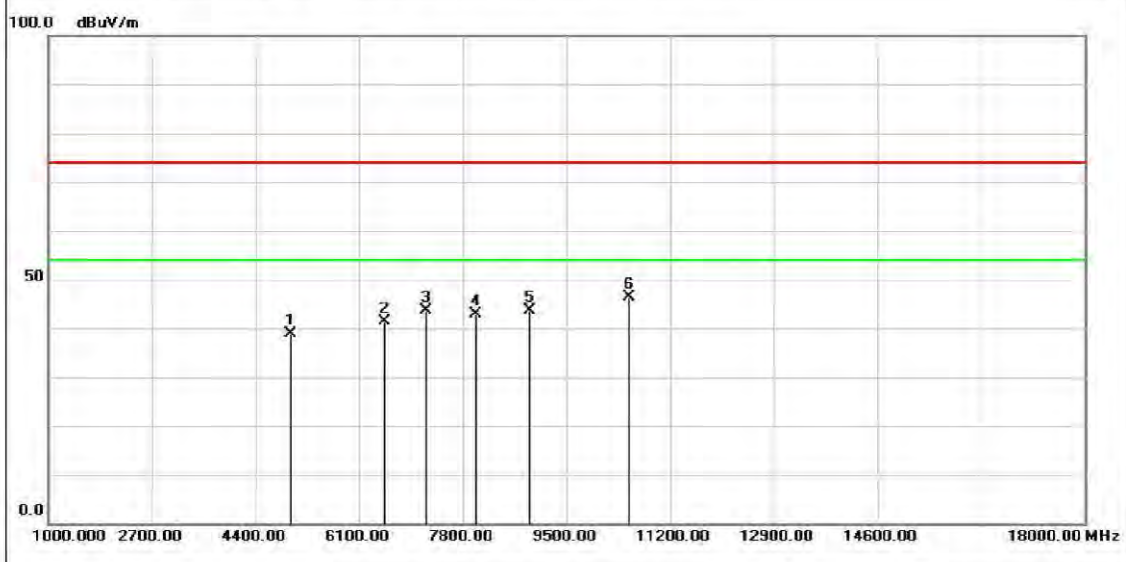
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Config_4_H

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 09:14:40
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	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		4978.000	44.67	-5.84	38.83	74.00	-35.17			peak	
2		6525.000	43.27	-1.88	41.39	74.00	-32.61			peak	
3		7205.000	42.47	1.27	43.74	74.00	-30.26			peak	
4		8004.000	41.34	1.52	42.86	74.00	-31.14			peak	
5		8905.000	42.25	1.28	43.53	74.00	-30.47			peak	
6	*	10537.000	42.04	4.40	46.44	74.00	-27.56	104	200	peak	

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

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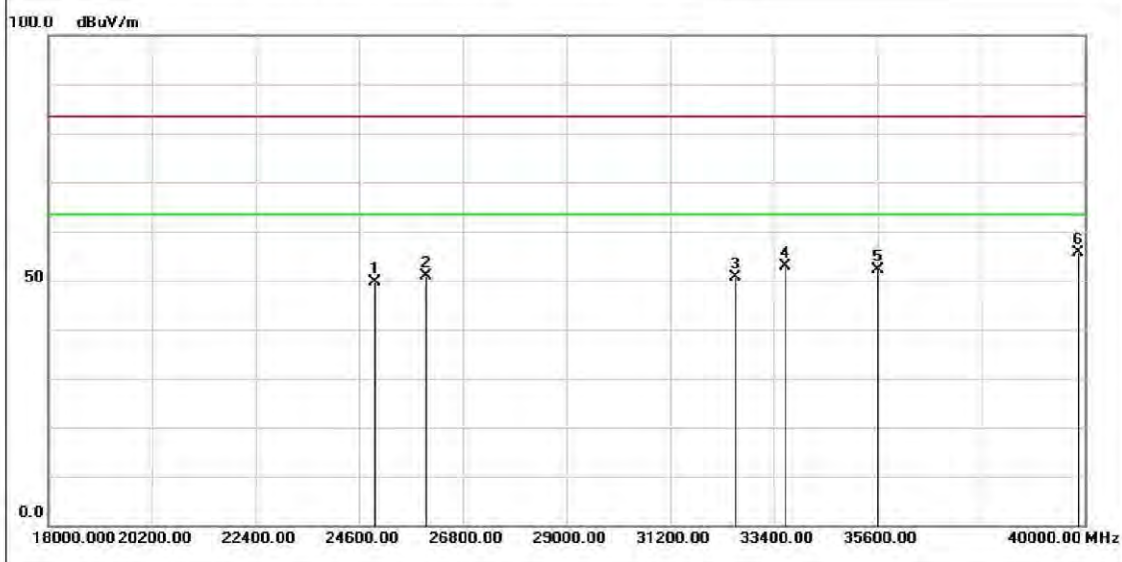
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 04:18:20
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: 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		24930.000	47.56	2.19	49.75	83.50	-33.75			peak	
2		26030.000	49.00	1.78	50.78	83.50	-32.72			peak	
3		32586.000	47.90	2.84	50.74	83.50	-32.76			peak	
4		33642.000	49.06	3.73	52.79	83.50	-30.71			peak	
5		35622.000	45.67	6.37	52.04	83.50	-31.46			peak	
6	*	39868.000	41.04	14.58	55.62	83.50	-27.88	104	258	peak	

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

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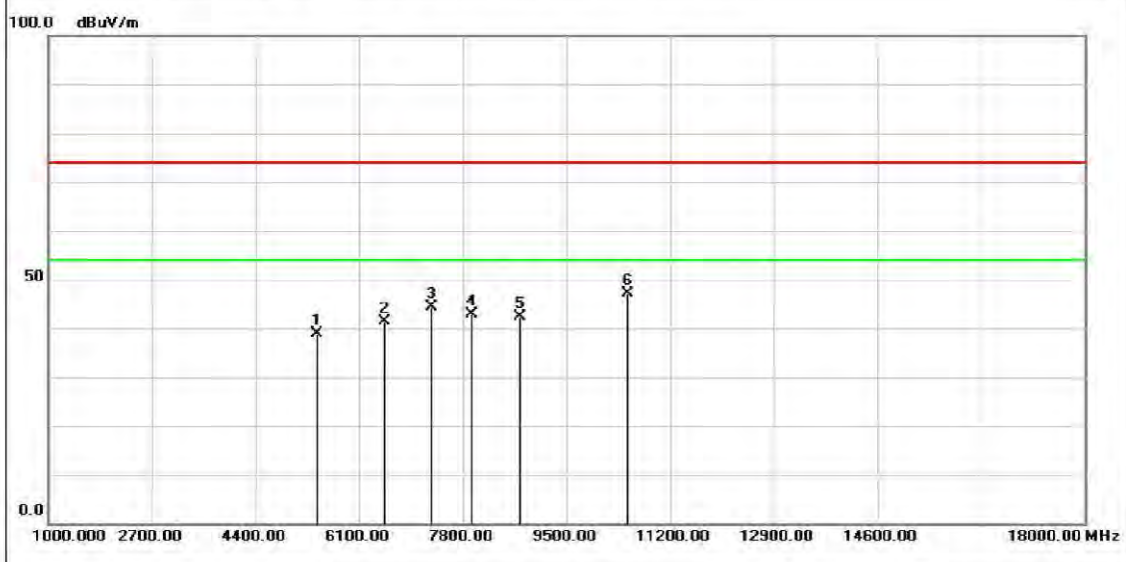
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Config_4_V

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 08:56:05
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 20 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	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		5403.000	44.71	-5.77	38.94	74.00	-35.06			peak	
2		6525.000	43.32	-1.88	41.44	74.00	-32.56			peak	
3		7290.000	42.97	1.50	44.47	74.00	-29.53			peak	
4		7936.000	41.36	1.43	42.79	74.00	-31.21			peak	
5		8735.000	40.92	1.56	42.48	74.00	-31.52			peak	
6	*	10503.000	42.54	4.48	47.02	74.00	-26.98	100	20	peak	

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

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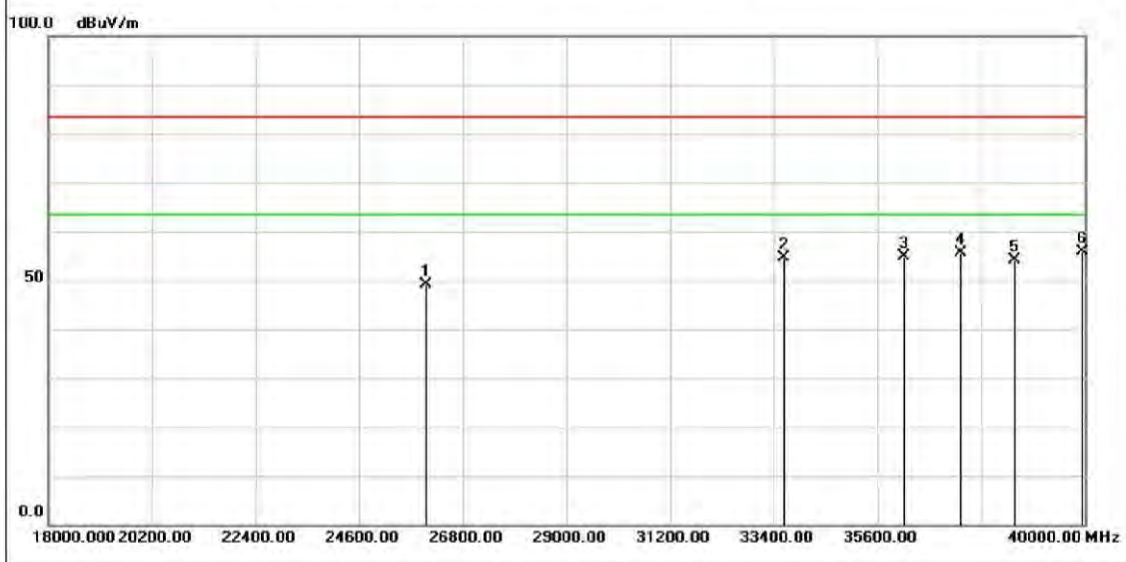
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 04:02:52
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 4	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: 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		26008.000	47.21	1.80	49.01	83.50	-34.49			peak	
2		33620.000	50.96	3.72	54.68	83.50	-28.82			peak	
3		36172.000	47.43	7.45	54.88	83.50	-28.62			peak	
4		37360.000	47.35	8.29	55.64	83.50	-27.86			peak	
5		38526.000	42.54	11.62	54.16	83.50	-29.34			peak	
6	*	39956.000	41.13	14.86	55.99	83.50	-27.51	100	178	peak	

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

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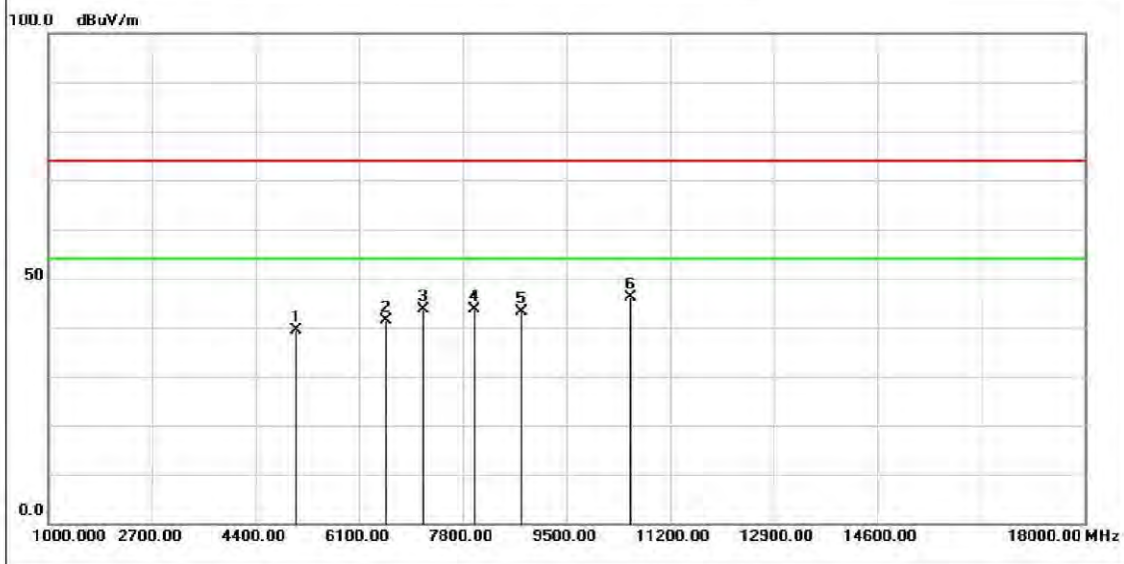
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Config_5_H

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 10:02:50
Limit: FCC Class B 1G-18G(Peak)	Polarization: Horizontal	Temperature: 20 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 98.1		

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		5063.000	44.83	-5.41	39.42	74.00	-34.58			peak	
2		6542.000	43.11	-1.80	41.31	74.00	-32.69			peak	
3		7154.000	42.52	1.18	43.70	74.00	-30.30			peak	
4		7987.000	42.21	1.49	43.70	74.00	-30.30			peak	
5		8769.000	41.60	1.53	43.13	74.00	-30.87			peak	
6	*	10554.000	41.73	4.34	46.07	74.00	-27.93	100	310	peak	

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

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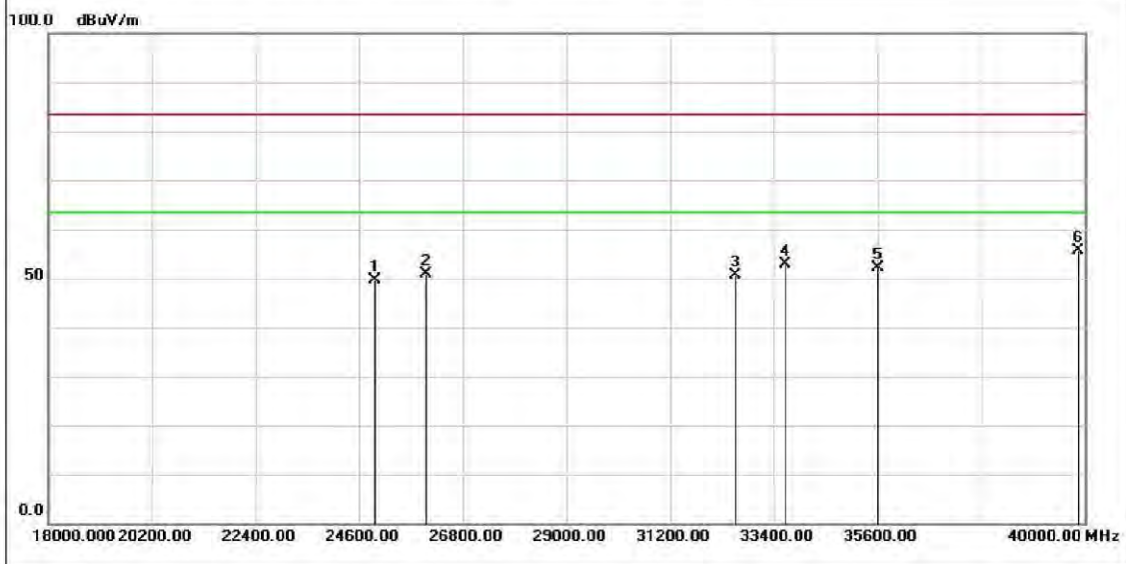
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 04:58:50
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Horizontal	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 98.1		

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		24930.000	47.56	2.19	49.75	83.50	-33.75			peak	
2		26030.000	49.00	1.78	50.78	83.50	-32.72			peak	
3		32586.000	47.90	2.84	50.74	83.50	-32.76			peak	
4		33642.000	49.06	3.73	52.79	83.50	-30.71			peak	
5		35622.000	45.67	6.37	52.04	83.50	-31.46			peak	
6	*	39868.000	41.04	14.58	55.62	83.50	-27.88	100	214	peak	

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

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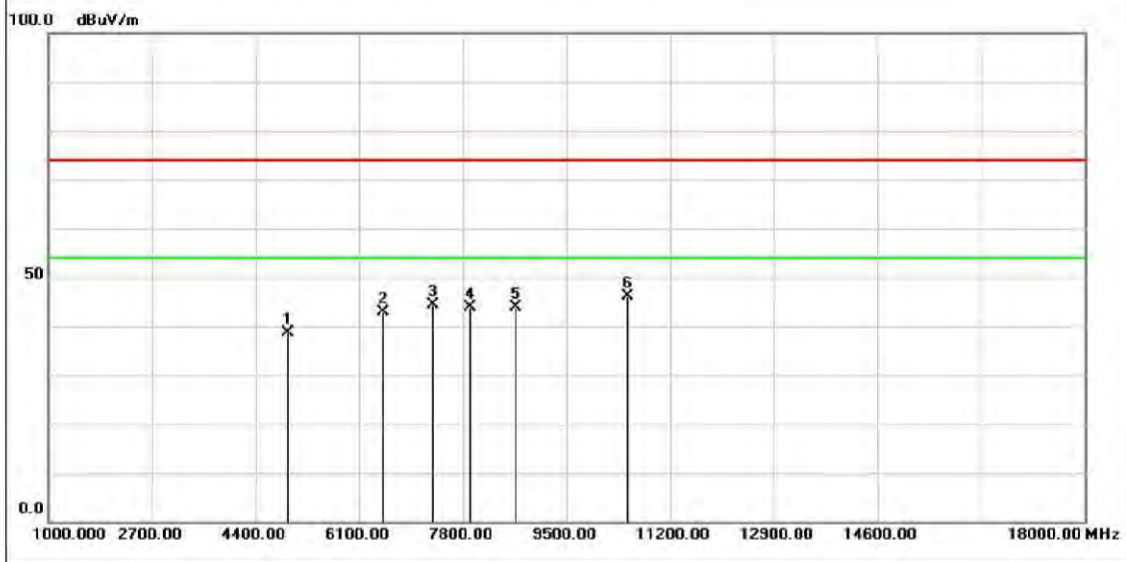
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Config_5_V

Site: SGS 966 Chamber B	Date: 2020/12/9	Time: 下午 09:30:02
Limit: FCC Class B 1G-18G(Peak)	Polarization: Vertical	Temperature: 20 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 66 %RH
Report: MH-2020-B0117	Distance: 3m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 98.1		

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		4927.000	44.71	-6.16	38.55	74.00	-35.45			peak	
2		6491.000	45.03	-2.03	43.00	74.00	-31.00			peak	
3		7307.000	42.91	1.53	44.44	74.00	-29.56			peak	
4		7919.000	42.55	1.36	43.91	74.00	-30.09			peak	
5		8667.000	42.16	1.64	43.80	74.00	-30.20			peak	
6	*	10503.000	41.60	4.48	46.08	74.00	-27.92	100	205	peak	

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

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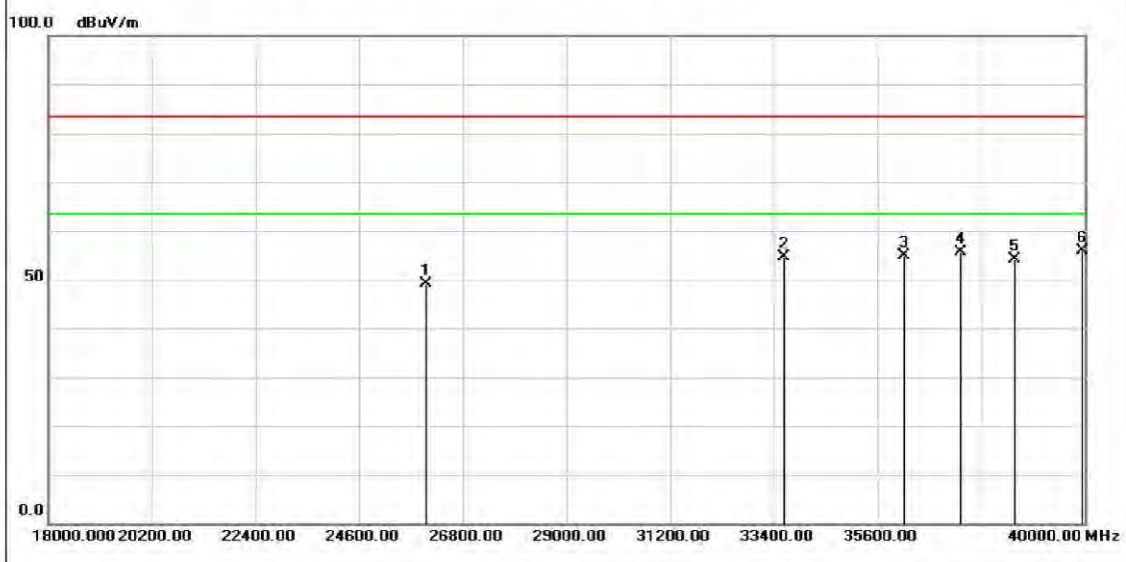
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Site: SGS 966 Chamber B	Date: 2020/12/12	Time: 下午 04:37:40
Limit: FCC Class B 1m 18-40G(Peak)	Polarization: Vertical	Temperature: 21 °C
Mode: Config 5	Power: AC 120V/60Hz	Humidity: 62 %RH
Report: MH-2020-B0117	Distance: 1m	Air Pressure: 990 hpa
Tester: Ken Chen		
Note: FM 98.1		

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		26008.000	47.21	1.80	49.01	83.50	-34.49			peak	
2		33620.000	50.96	3.72	54.68	83.50	-28.82			peak	
3		36172.000	47.43	7.45	54.88	83.50	-28.62			peak	
4		37360.000	47.35	8.29	55.64	83.50	-27.86			peak	
5		38526.000	42.54	11.62	54.16	83.50	-29.34			peak	
6	*	39956.000	41.13	14.86	55.99	83.50	-27.51	100	16	peak	

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

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