

Prüfbericht-Nr.: <i>Test report no.:</i>	CN25SFXG 001	Auftrags-Nr.: <i>Order no.:</i>	168539771	Seite 1 von 24 Page 1 of 24
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024-12-16	
Auftraggeber: <i>Client:</i>	Oddy Idea LLC 8880 Cal Center Drive, 4th Floor, Sacramento, CA 95826			
Prüfgegenstand: <i>Test item:</i>	Presence Sensor Module			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	P6G8HZ			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	FCC CFR Title 47, Part 15, Subpart C, Section 15.255 RSS-210 Issue 11 RSS-Gen Issue 5 KDB 364244 D01 Meas 15.255 Radars v01			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-12-18	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003890968-002			
Prüfzeitraum: <i>Testing period:</i>	2024-12-18 to 2025-04-25			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	Hardy <i>X</i> <i>Hardy</i> <i>Suo</i>		genehmigt von: <i>authorized by:</i>	Lin Lin <i>X</i> <i>Lin Lin</i>
Datum: <i>Date:</i>	2025-06-09		Ausstellungsdatum: <i>Issue date:</i>	2025-06-09
Stellung / Position:	Sachverständige(r) / Expert		Stellung / Position:	Sachverständige(r) / Expert
Sonstiges / Other:	FCC ID: 2BNF7-9275 IC: 33468-9275 HVIN: P6G8HZ This report is for stand-alone configuration module P6G8HZ, and additional testing for HOSTs (HOSTs A, B, C, D configurations were tested, refer to Appendix B_CN25SFXG 001 for details of HOST).			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet <i>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</i>			
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Anmerkungen Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 OFF-TIME

RESULT: Pass

5.1.3 EMISSION BANDWIDTH

RESULT: Pass

5.1.4 EIRP POWER

RESULT: Pass

5.1.5 PEAK TRANSMITTER OUTPUT POWER

RESULT: Pass

5.1.6 TRANSMITTER SPURIOUS EMISSIONS

RESULT: Pass

5.1.7 FREQUENCY STABILITY

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radiated Emission Testing						
Equip. No.	Description	Manufacturer	Model	Serial No.	Cal. Date (DD.MM.YYYY)	Cal. until (DD.MM.YYYY)
G1826021	EMI Test Receiver	R&S	ESR 7	102021	29.09.2024	28.09.2025
G1826023	Signal Analyzer	R&S	FSV 40	101439	29.09.2024	28.09.2025
G1826024	System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
G1826025	Filterbank	R&S	Wlan	100759	29.09.2024	28.09.2025
G1826026	OSP	R&S	OSP 120	102040	N/A	N/A
G1826028	Pre-amplifier	R&S	SCU08F1	08320031	29.09.2024	28.09.2025
G1826029	Amplifier	R&S	SCU-18F	180070	29.09.2024	28.09.2025
G1826030	Amplifier	R&S	SCU40A	100475	29.09.2024	28.09.2025
G1826031	Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	28.09.2024	27.09.2026
G1826032	Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	28.09.2024	27.09.2026
G1826033	Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	28.09.2024	27.09.2026
G1826034	Active Loop Antenna	Schwarzbeck	FMZB 1513	302	28.09.2024	27.09.2026
G1826036	Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
G1826037	Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
G1826433	3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	14.09.2024	13.09.2027
MMWAVE						
Equip. No.	Description	Manufacturer	Model	Serial No.	Cal. Date (DD.MM.YYYY)	Cal. until (DD.MM.YYYY)
9072364	MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R190-LOF0	202305240001	13.09.2024	12.09.2027
9072365	MM-Wave Frequency	Tonscend	MMFC-R150-LOF0	202305240001	02.09.2024	01.09.2027

	Conversion Receiving Unit					
9072366	MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R100-L0F0	202305240001	29.08.2024	28.08.2027
9072367	MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R060-L0F0	202305240001	30.08.2024	29.08.2027
9072368	MM-Wave Frequency Conversion Transmitting Unit	Tonscend	MMFC-T120-A1	202305240001	11.09.2024	10.09.2027
9072369	MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R040-L0F0	202305240001	01.11.2023	31.10.2026
9072370	High Low Temperature Test Chamber	Cavendi	CATT-150C	231020001	17.05.2024	16.05.2026
9072371	Control PC	Lenovo	M4000q-00IRB	YLX3LXKQ	N/A	N/A

Conducted Emission on AC Mains

Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR3	102680	2026-02-09
Artificial Mains Network	R&S	ENV216	102333	2025-07-22
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB

Unwanted Emissions, conducted	± 0.89 dB
Radiated Emission of Transmitter, valid up to 26.5 GHz (FAC)	± 3.68 dB
Radiated Emission of Receiver, valid up to 26.5 GHz (FAC)	± 3.68 dB
All emissions, radiated (SAC)	± 4.17 dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	± 3.70 dB / ± 3.30 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The product is a Presence Sensor Module, which supports 60GHz microwave technology.

Presence Sensor Module P6G8HZ intends to integrate into HOSTs A, B, C, D. This report includes test data for P6G8HZ in stand-alone configuration, and additional test data for HOSTs A, B, C, D.

Presence Sensor Module P6G8HZ integrating into these HOSTs is without any hardware/software change.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Presence Sensor Module
Type Designation:	P6G8HZ
FCC ID:	2BNF7-9275
IC:	33468-9275
HVIN:	P6G8HZ
Operating Voltage:	Powered by USB Port DC 5.0V via PC
Operating Temperature Range:	0 °C ~ 70 °C
Technical Specification	
Frequency Range:	57.0GHz - 61.56GHz 61.0GHz - 61.5GHz
Type of radar:	Field disturbance radar
Type of Modulation:	FMCW
Antenna Type:	Integral antenna
Antenna Gain:	Tx: 3 dBi (provided by client) Rx: 3 dBi (provided by client)
Remark: operation frequency bands 57.0GHz - 61.56GHz and 61.0GHz - 61.5GHz share the same antenna and can't transmission simultaneously.	

3.3 Independent Operation Modes

The basic operation modes are:

- A. 57.0GHz - 61.56GHz transmitting mode
- B. 61.0GHz - 61.5GHz transmitting mode

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10:2020 and FCC KDB 364244 D01 Meas 15.255 Radars v01.

Table 3: Test environments

Environment Parameter	Values During Tests		
	Temperature	Voltage	Relative Humidity
NTNV	22°C±2°C	5.0Vdc	Ambient

4.3 Special Accessories and Auxiliary Equipment

Table 4: Auxiliary Equipment Used during Test

Description	Manufacturer	Model	S/N
Laptop	Lenovo	T480	N/A
Debug Board	HUIZHOU GAOSHENGDA TECHNOLOGY CO., LTD	40-G55X81-IRC2LG	N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

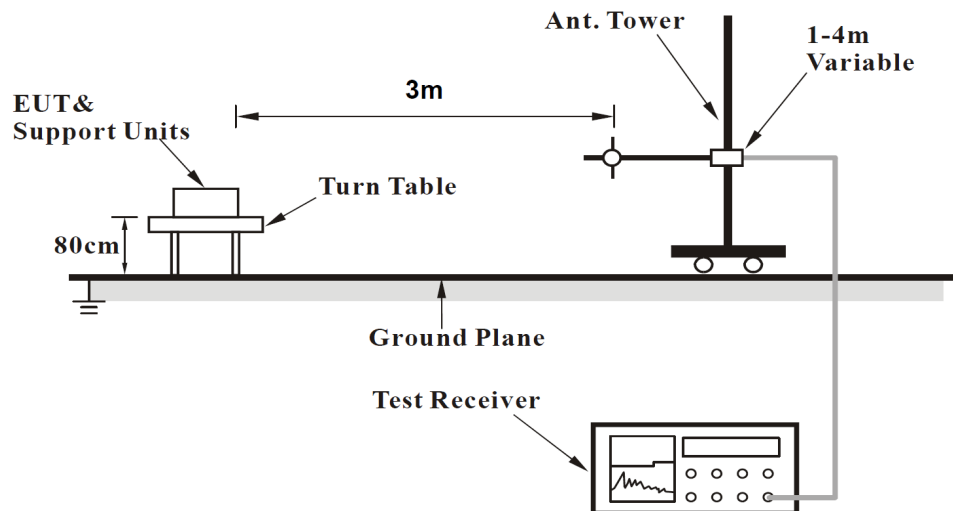


Diagram of Measurement Configuration for Radiation Test (1GHz-40GHz)

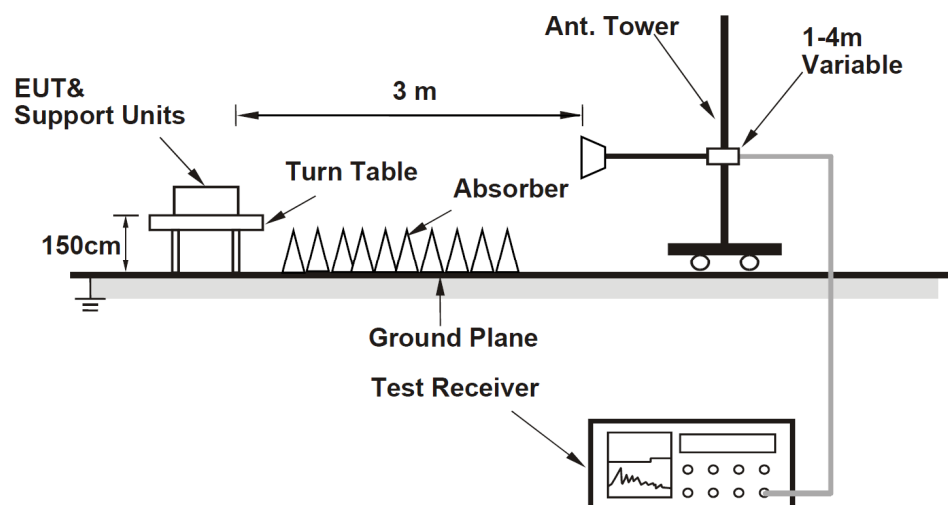


Diagram of Measurement Configuration for Radiation Test (above 40GHz)

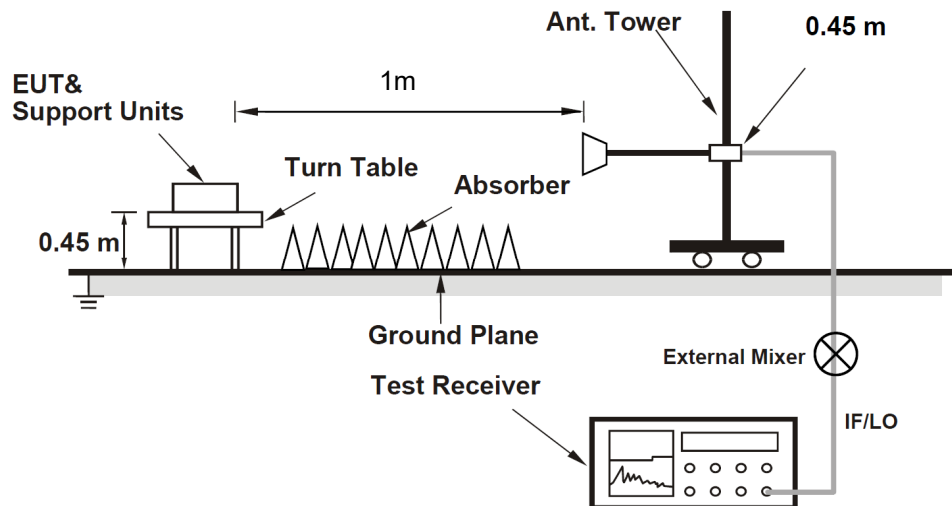
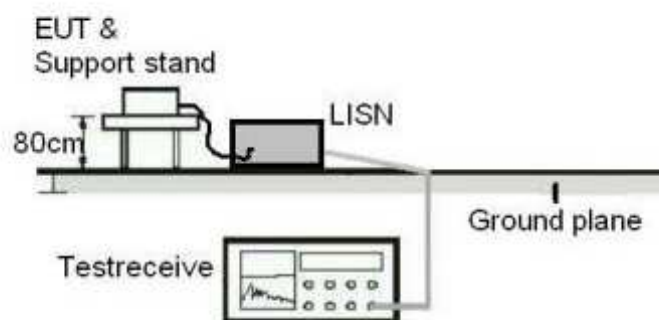


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203

According to the manufacturer declared, the EUT has integral antenna, the gain of antenna is 3 dBi, which that permanent attachment and no consideration of replacement.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Off-time

RESULT: Pass

Test Specification

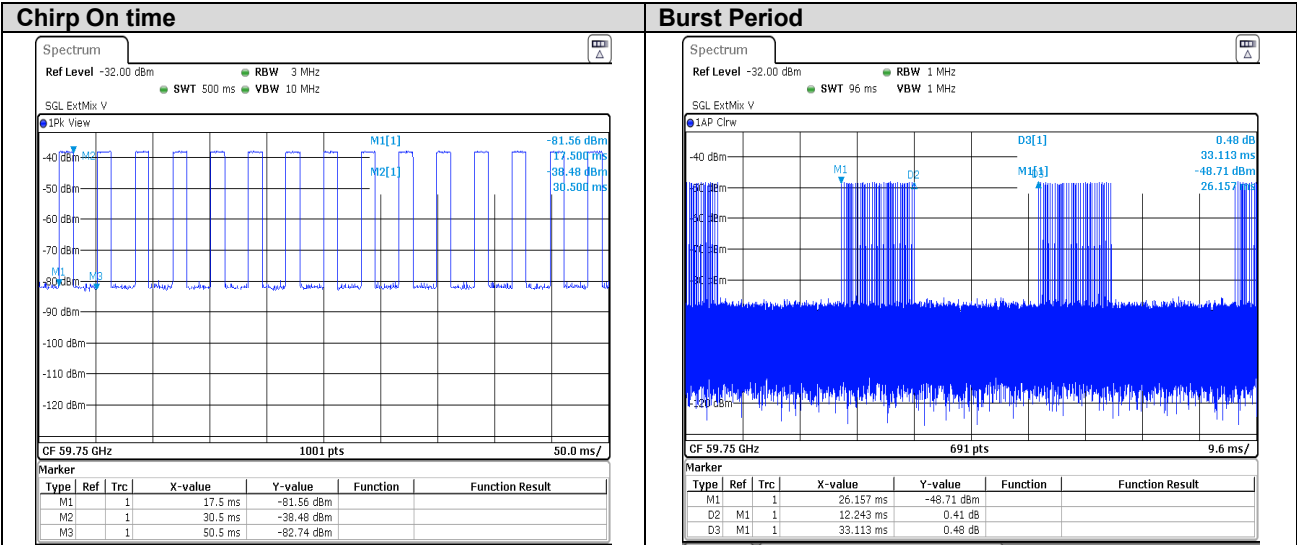
- Test standard
- : FCC Part 15.255 (c)(2)(ii)
RSS-210 Annex J.3.2(b)(ii)
ANSI C63.10:2020 and FCC KDB 364244 D01 Meas
- Basic standard
- : 15.255 Radars v01.
KDB 364244 D01 Meas 15.255 Radars v01 Annex A
57.0–61.56 GHz: sum of continuous transmitter off-times of
at least two milliseconds equals at least 16.5 milliseconds
within any contiguous interval of 33 milliseconds
- Limits
- : Note: Any discrete off-time periods of less than 2
milliseconds are not to be considered when determining the
total off-time over any 33-millisecond window
- Kind of test site
- : Shielded Room

Test Setup

- Date of testing
- : 2024-12-18 to 2025-02-20
- Input voltage
- : Powered by USB Port DC 5.0V via PC
- Operation mode
- : A
- Ambient temperature
- : 22.5°C
- Relative humidity
- : 54.5%
- Atmospheric pressure
- : 101 kPa

Test Results:

- For Operation Frequency Range 57.0 - 61.56 GHz:



Chirps On time	Burst Period	Off-time	Limit of Off-time	Test Result
13.00 ms	33.11 ms	20.11 ms	>=16.5 ms	Pass

5.1.3 Emission Bandwidth

RESULT: Pass

Test Specification

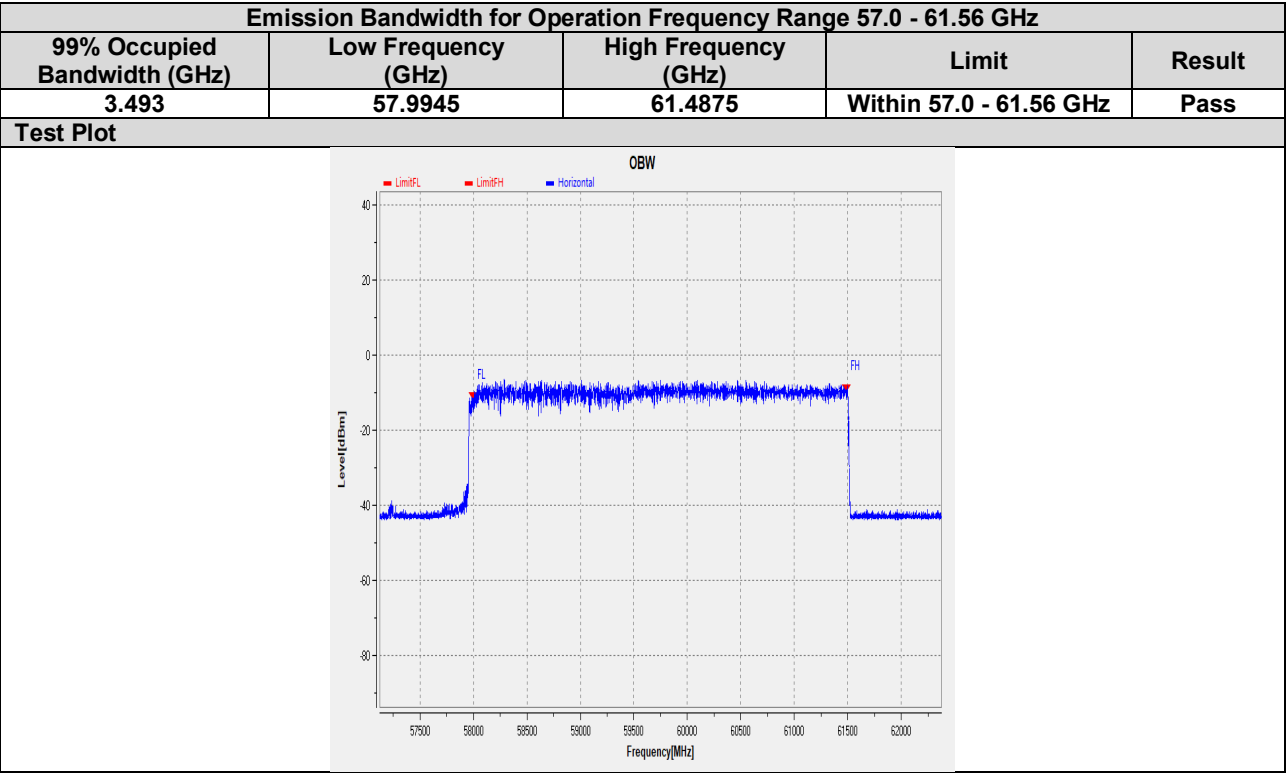
- Test standard : FCC Part 15.255 (c)(2)(v)
RSS-210 Annex J.3.2(b)(ii), RSS-Gen section 6.7
ANSI C63.10:2020 and FCC KDB 364244 D01 Meas
- Basic standard : 15.255 Radars v01.
KDB 364244 D01 Meas 15.255 Radars v01 section 6
- Operation frequency band within 57.0GHz - 61.56GHz: within assigned band
 - Operation frequency band within 61.0GHz - 61.5GHz: less than 500MHz and within assigned band
- Limits :
- Kind of test site : Shielded Room

Test Setup

- Date of testing : 2024-12-18 to 2025-02-20
- Input voltage : Powered by USB Port DC 5.0V via PC
- Operation mode : A, B
- Ambient temperature : 22.5°C
- Relative humidity : 54.5%
- Atmospheric pressure : 101 kPa

Test Results:

- For Operation Frequency Range 57.0 - 61.56 GHz:

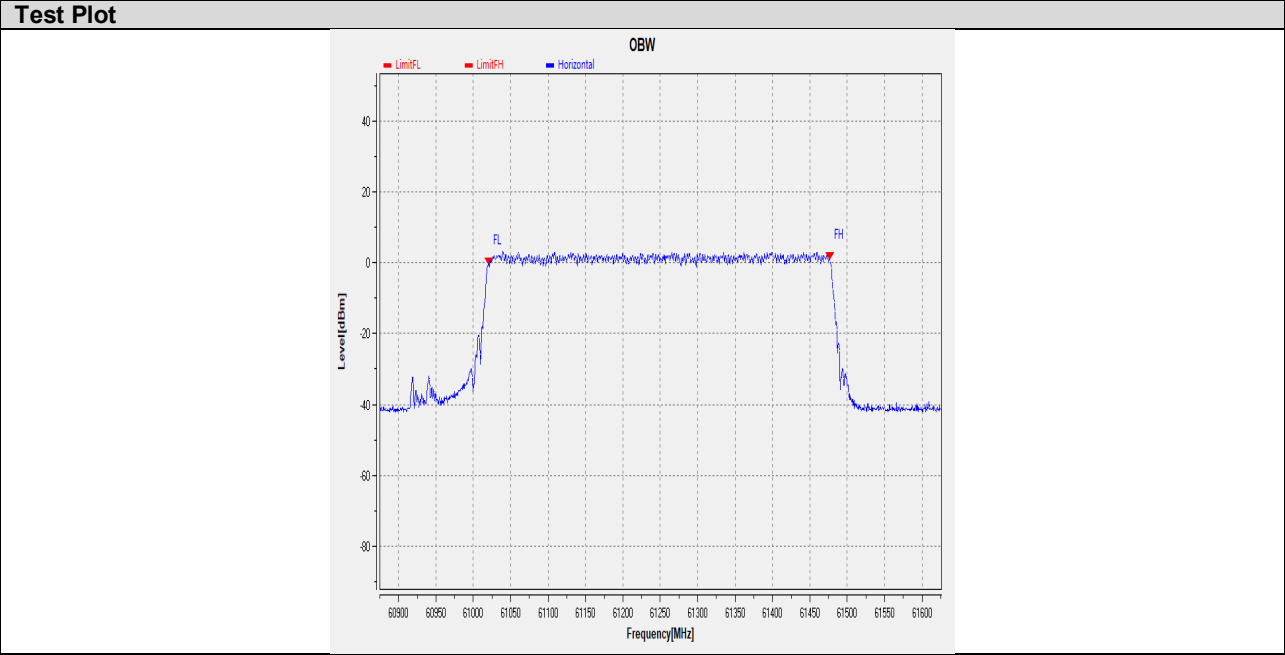


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- For Operation Frequency Range 61 - 61.5 GHz:

Emission Bandwidth for Operation Frequency Range 61-61.5 GHz				
99% Occupied Bandwidth (MHz)	Low Frequency (GHz)	High Frequency (GHz)	Limit	Result
456.00	61.0195	61.4755	Less than 500MHz and within 61-61.5 GHz	Pass



5.1.4 EIRP Power

RESULT: Pass

Test Specification

- Test standard : FCC Part 15.255 (c)(2)(ii)
FCC Part 15.255 (c)(2)(v)
RSS-210 Annex J.3.2(a)
RSS-210 Annex J.3.2(b)(ii)
ANSI C63.10:2020 and FCC KDB 364244 D01 Meas
- Basic standard : 15.255 Radars v01.
KDB 364244 D01 Meas 15.255 Radars v01 section 7
- Operation frequency band within 57.0GHz - 61.56GHz: 20dBm peak EIRP
 - Operation frequency band within 61.0GHz - 61.5GHz: 43dBm peak EIRP, 40dBm average EIRP, in addition, the average power of any emission outside of the 61.0–61.5 GHz band, measured during the transmit interval, but still within the 57–71 GHz band, shall not exceed 10 dBm, and the peak power of any emission shall not exceed 13 dBm
- Limits :
- Kind of test site : Shielded Room

Test Setup

- Date of testing : 2024-12-18 to 2025-02-20
- Input voltage : Powered by USB Port DC 5.0V via PC
- Operation mode : A, B
- Ambient temperature : 22.5°C
- Relative humidity : 54.5%
- Atmospheric pressure : 101 kPa

Test Results:

- For Operation Frequency Range 57.0 - 61.56 GHz:

Peak EIRP Power Measurement for Operation Frequency Range 57.0 - 61.56 GHz				
Frequency (GHz)	Measurement Distance (m)	EIRP (dBm)	EIRP Limit (dBm)	Result
57.0 - 61.56	1	8.40	20	Pass

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Peak EIRP Power Measurement for Operation Frequency Range 61-61.5 GHz				
Frequency (GHz)	Measurement Distance (m)	EIRP (dBm)	PK EIRP Limit (dBm)	Result
61 - 61.5	1	12.67	43	Pass

Average EIRP Power Measurement for Operation Frequency Range 61-61.5 GHz				
Frequency (GHz)	Measurement Distance (m)	EIRP (dBm)	Ave. EIRP Limit (dBm)	Result
61 - 61.5	1	-23.18	40	Pass

Note: the peak EIRP of fundamental frequency of 61-61.5 GHz is less than 13dBm, hence the peak power within the 57-71 GHz is less than 13dBm, the average EIRP of fundamental frequency of 61-61.5 GHz is less than 10dBm, hence the average power within the 57-71 GHz is less than 10dBm.

Note: EIRP is without degradation when in HOSTs configuration.

5.1.5 Peak Transmitter Output Power

RESULT:

Pass

Test Specification

Test standard : RSS-210 Annex J.5(b)
61.0–61.5 GHz: For devices with an emission bandwidth

Limits : greater than or equal to 100 MHz, the peak transmitter
output power shall not exceed 500 mW.

Kind of test site : Shielded Room

Test Setup

Date of testing : 2024-12-18 to 2025-02-20

Input voltage : Powered by USB Port DC 5.0V via PC

Operation mode : A, B

Ambient temperature : 22.5°C

Relative humidity : 54.5%

Atmospheric pressure : 101 kPa

Test Result:

- For Operation Frequency Range 57.0 - 61.56 GHz (reporting only):

Peak Conducted Power Measurement for Operation Frequency Range 57.0 - 61.56 GHz					
Frequency (GHz)	Peak EIPR (dBm)	Antenna Gain (dBi)	Conducted Power (dBm)	Limit	Test Result
58.289	8.40	3	5.40	--	Pass

- For Operation Frequency Range 61 - 61.5 GHz:

Peak Conducted Power Measurement for Operation Frequency Range 61-61.5 GHz					
Frequency (GHz)	Peak EIPR (dBm)	Antenna Gain (dBi)	Conducted Power (dBm)	Limit (dBm)	Test Result
61.11	12.67	3	9.67	27	Pass

5.1.6 Transmitter Spurious Emissions

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.255 (d), 15.209 RSS-210 Annex J.4, RSS-Gen section 6.13 ANSI C63.10:2020 and FCC KDB 364244 D01 Meas
Basic standard	: 15.255 Radars v01. KDB 364244 D01 Meas 15.255 Radars v01 section 8 (1) The power density of any emissions outside the 57–71 GHz band shall consist solely of spurious emissions (2) Radiated emissions below 40 GHz shall not exceed the general limits in § 15.209 and RSS-Gen section 6.13
Limits	: (3) Between 40 GHz and 200 GHz, the level of these emissions shall not exceed 90 pW/cm ² at a distance of 3 meters (4) The levels of the spurious emissions shall not exceed the level of the fundamental emission
Kind of test site	: 3m Semi-anechoic Chamber & 3m Full-anechoic Chamber & Shielded Room

Test Setup

Date of testing	: 2024-12-18 to 2025-04-25
Input voltage	: Powered by USB Port DC 5.0V via PC for P6G8HZ in stand-alone configuration, and AC 120V, 60Hz for HOSTs
Operation mode	: A, B
Ambient temperature	: 22.5°C
Relative humidity	: 54.5%
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

5.1.7 Frequency Stability

RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.255 (f) RSS-210 Annex J.6
Basic standard	:	ANSI C63.10:2020 and FCC KDB 364244 D01 Meas 15.255 Radars v01. KDB 364244 D01 Meas 15.255 Radars v01 section 9
Limits	:	• Operation frequency band within 57.0GHz - 61.56GHz: within assigned band • Operation frequency band within 61.0GHz - 61.5GHz: within assigned band
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-12-18 to 2025-02-20
Input voltage	:	Powered by USB Port DC 5.0V via PC
Operation mode	:	A, B
Ambient temperature	:	22.5°C
Relative humidity	:	54.5%
Atmospheric pressure	:	101 kPa

Test Results:

Test Conditions		Operation frequency band 57.0GHz - 61.56GHz		Operation frequency band 61.0GHz - 61.5GHz		Limit
Test Temperature (°C)	Voltage (Volt)	Measured Low Frequency (MHz)	Measured High Frequency (MHz)	Measured Low Frequency (MHz)	Measured High Frequency (MHz)	Result
50	DC 5V	57.9950	61.4875	61.0200	61.4755	Pass
40	DC 5V	57.9955	61.4870	61.0200	61.4755	Pass
30	DC 5V	57.9955	61.4875	61.0195	61.4770	Pass
20	DC 5V	57.9950	61.4870	61.0195	61.4775	Pass
	DC 4.25V	57.9950	61.4875	61.0200	61.4770	Pass
	DC 5.75V	57.9945	61.4870	61.0200	61.4775	Pass
10	DC 5V	57.9945	61.4875	61.0195	61.4770	Pass
0	DC 5V	57.9950	61.4870	61.0195	61.4770	Pass
-10	DC 5V	57.9950	61.4870	61.0195	61.4770	Pass
-20	DC 5V	57.9950	61.4870	61.0200	61.4775	Pass

5.1.8 Conducted Emission on AC Mains

RESULT:**Pass****Test Specification**

Test standard	:	FCC Part 15.207(a) RSS-Gen section 8.8
Basic standard	:	ANSI C63.10:2020 and FCC KDB 364244 D01 Meas 15.255 Radars v01.
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) RSS-Gen section 8.8 Table 4
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-12-18 to 2025-02-20
Input voltage	:	Powered by USB Port DC 5.0V via PC
Operation mode	:	A, B
Ambient temperature	:	22.5°C
Relative humidity	:	54.5%
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

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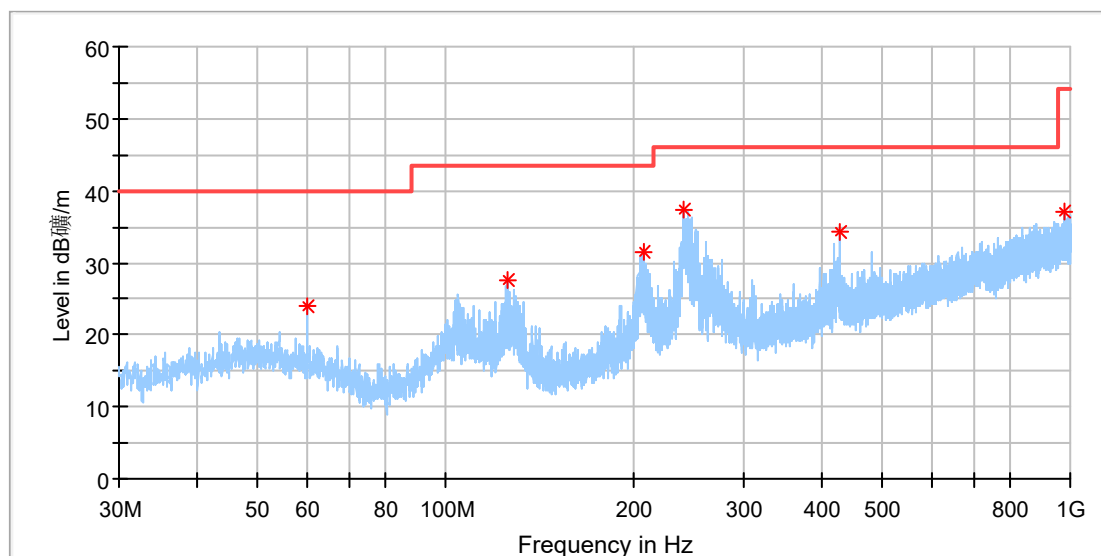
Appendix A.1: Test Results of Field strength of harmonics in stand-alone configuration

Note 1: Testing was carried out within frequency range 9 kHz to the tenth harmonics. The measurement result below 30MHz was greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz was reported.

Appendix A.1.1 Operation Frequency Range 57.0 - 61.56 GHz 30MHz - 1GHz

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

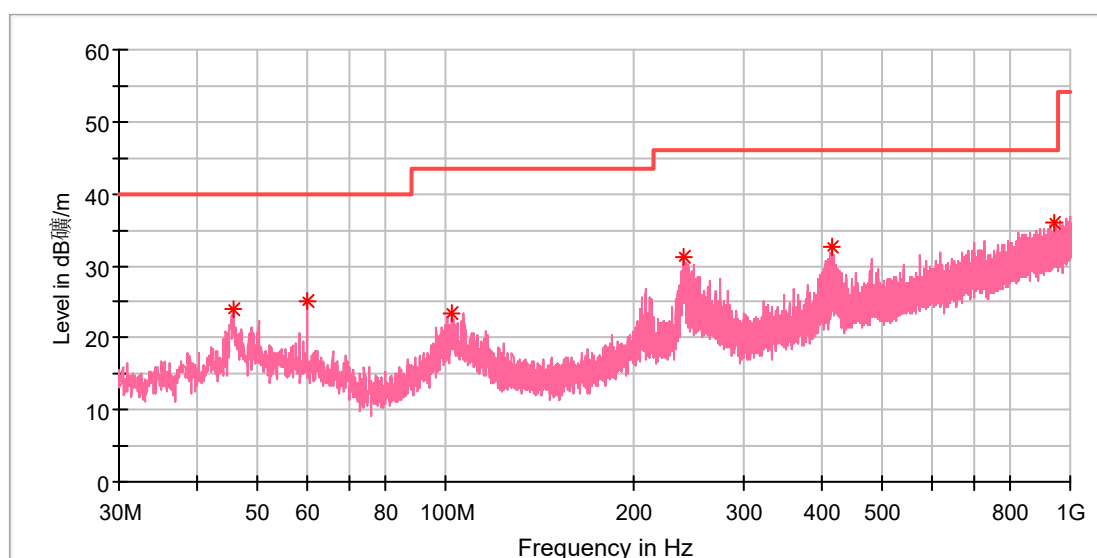
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.995385	23.88	40.00	16.12	100.0	H	153.0	-19.1
125.470385	27.67	43.50	15.83	100.0	H	55.0	-21.5
206.987692	31.66	43.50	11.84	100.0	H	104.0	-18.9
240.005000	37.28	46.00	8.72	100.0	H	46.0	-17.7
426.879231	34.34	46.00	11.66	100.0	H	276.0	-13.2
980.189615	37.07	54.00	16.93	100.0	H	236.0	-3.8

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.781154	23.87	40.00	16.13	100.0	V	104.0	-18.8
59.995385	25.11	40.00	14.89	100.0	V	64.0	-19.1
102.153077	23.52	43.50	19.98	100.0	V	302.0	-19.0
240.005000	31.39	46.00	14.61	100.0	V	189.0	-17.7
414.716923	32.58	46.00	13.42	100.0	V	353.0	-13.4
944.374231	36.11	46.00	9.89	100.0	V	111.0	-4.3

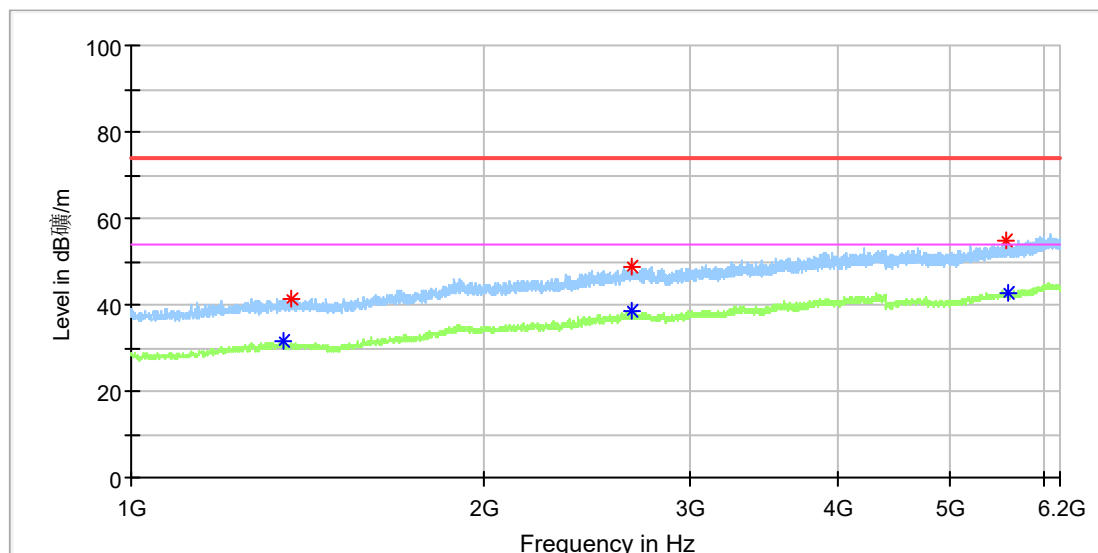
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

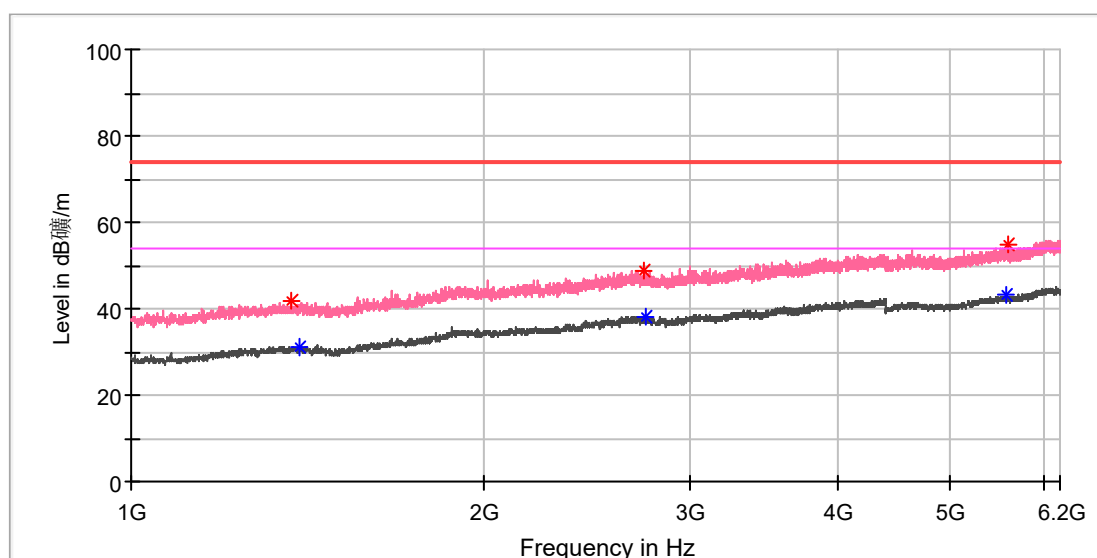
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1350.000000	---	31.56	54.00	22.44	150.0	H	171.0	3.1
1371.500000	41.46	---	74.00	32.54	150.0	H	251.0	3.1
2676.500000	48.92	---	74.00	25.08	150.0	H	94.0	10.2
2676.500000	---	38.55	54.00	15.45	150.0	H	94.0	10.2
5584.000000	54.67	---	74.00	19.33	150.0	H	263.0	15.3
5595.000000	---	42.97	54.00	11.03	150.0	H	355.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

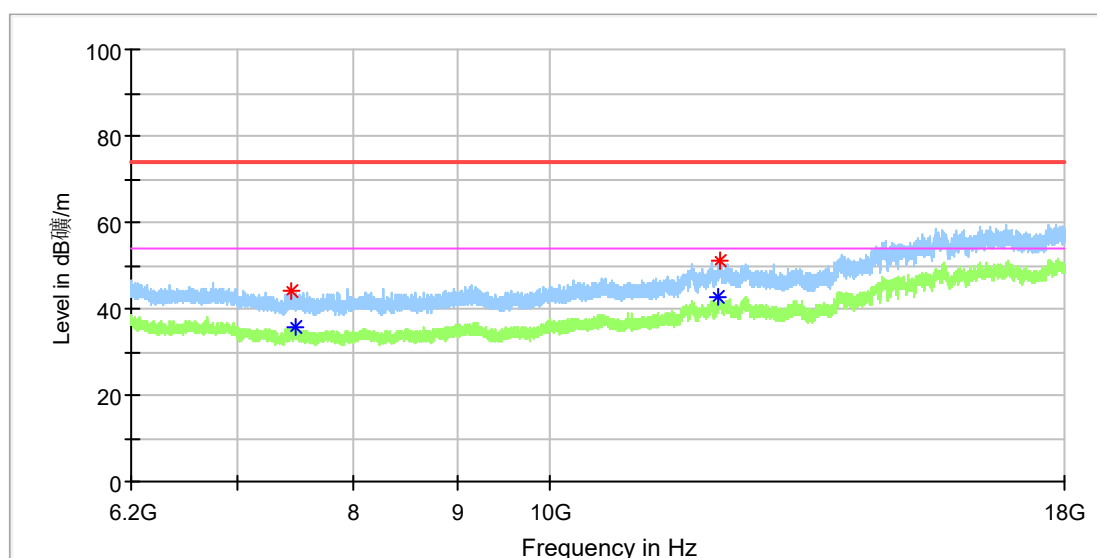
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1370.000000	41.69	---	74.00	32.31	150.0	V	106.0	3.1
1389.000000	---	31.23	54.00	22.77	150.0	V	259.0	3.0
2732.000000	48.61	---	74.00	25.39	150.0	V	146.0	9.9
2745.000000	---	38.29	54.00	15.71	150.0	V	140.0	9.9
5573.500000	---	43.15	54.00	10.85	150.0	V	319.0	15.3
5600.500000	54.93	---	74.00	19.07	150.0	V	345.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

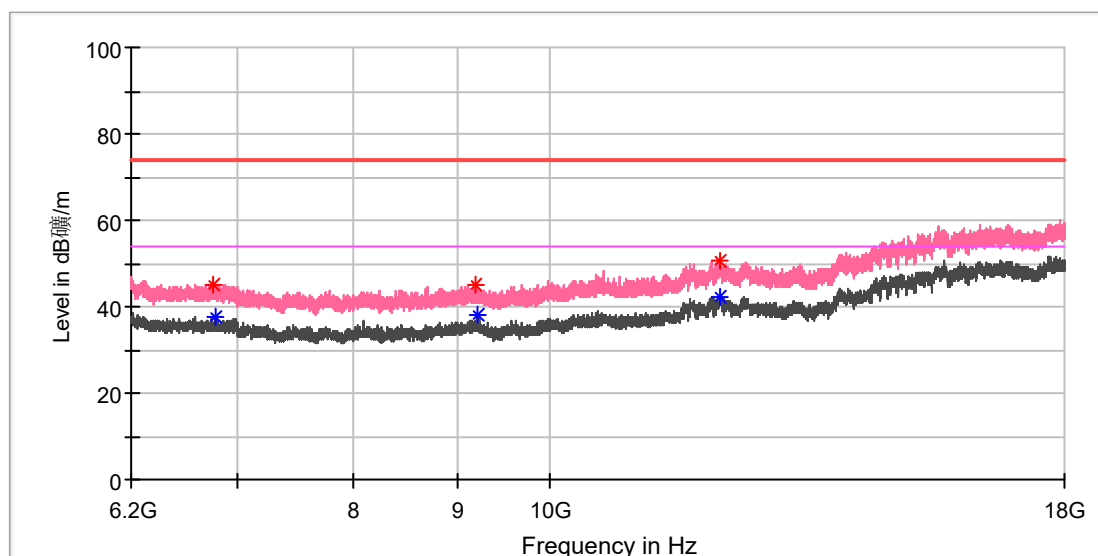
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7443.425000	43.99	---	74.00	30.01	150.0	H	165.0	8.5
7470.958333	---	35.72	54.00	18.28	150.0	H	165.0	8.6
12126.550000	---	43.00	54.00	11.00	150.0	H	76.0	16.1
12146.708333	51.16	---	74.00	22.84	150.0	H	65.0	16.6

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6812.616667	45.20	---	74.00	28.80	150.0	V	96.0	8.6
6823.433333	---	37.69	54.00	16.31	150.0	V	222.0	8.6
9184.416667	45.19	---	74.00	28.81	150.0	V	258.0	10.6
9200.150000	---	38.06	54.00	15.94	150.0	V	50.0	10.6
12140.808333	---	42.47	54.00	11.53	150.0	V	188.0	16.5
12149.166667	50.58	---	74.00	23.42	150.0	V	13.0	16.7

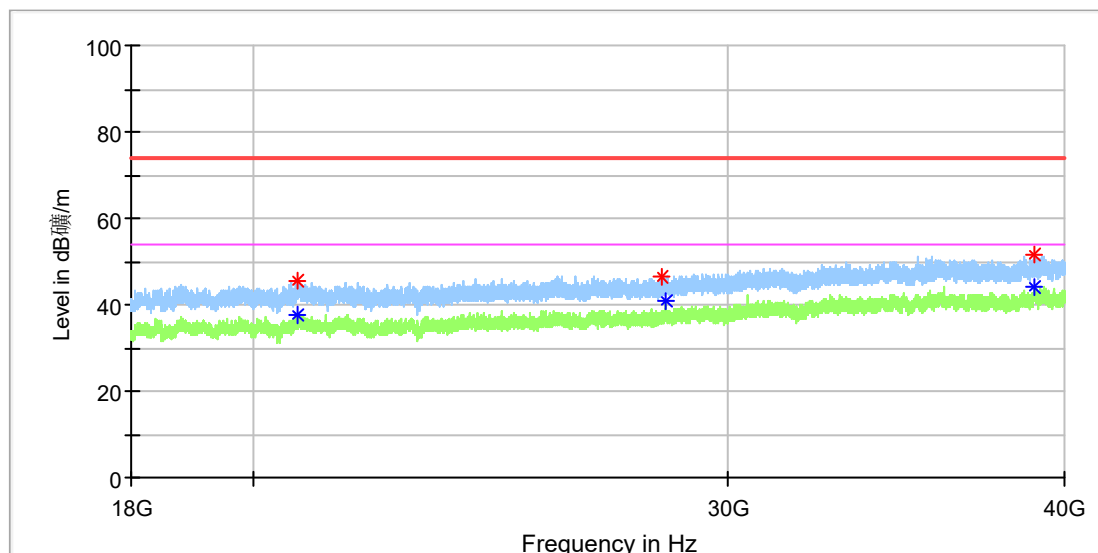
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

18GHz - 40GHz

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

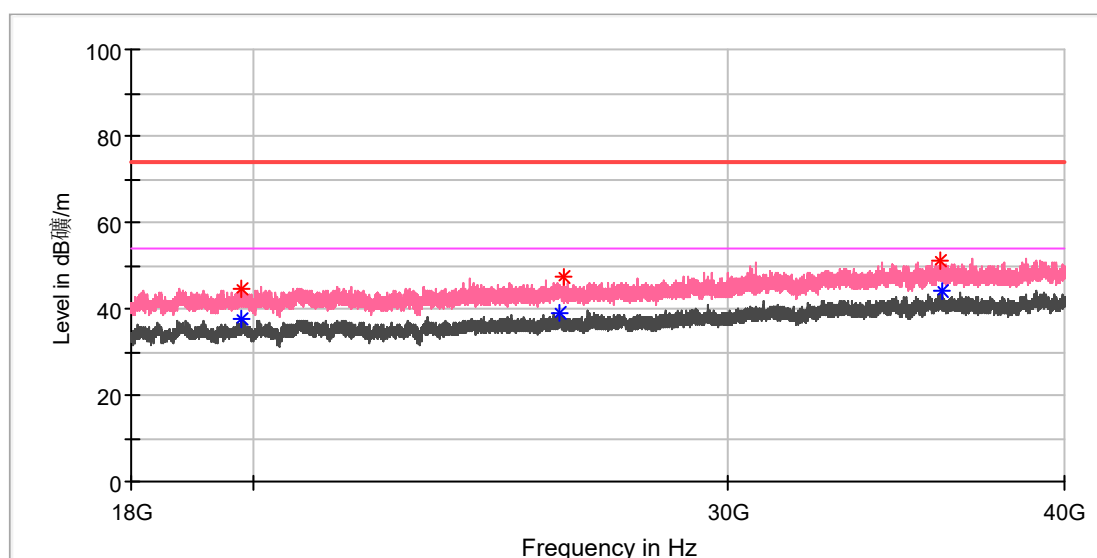
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20754.812500	45.55	---	74.00	28.45	150.0	H	339.0	-11.1
20764.437500	---	37.87	54.00	16.13	150.0	H	189.0	-11.2
28368.875000	46.62	---	74.00	27.38	150.0	H	120.0	-9.2
28438.312500	---	41.02	54.00	12.98	150.0	H	270.0	-9.1
38966.000000	51.68	---	74.00	22.32	150.0	H	359.0	-5.1
39012.750000	---	44.10	54.00	9.90	150.0	H	316.0	-5.1

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19771.000000	---	37.49	54.00	16.51	150.0	V	184.0	-11.4
19781.312500	44.82	---	74.00	29.18	150.0	V	115.0	-11.4
25957.125000	---	38.94	54.00	15.06	150.0	V	19.0	-8.3
26063.000000	47.43	---	74.00	26.57	150.0	V	31.0	-8.4
35960.250000	51.20	---	74.00	22.80	150.0	V	65.0	-6.7
36022.812500	---	44.16	54.00	9.84	150.0	V	230.0	-6.7

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A
CN25SFXG 001



Prüfbericht - Produkte
Test Report - Products

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40GHz - 200GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	48300.000	69.326	59.786	0.028	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48300.000	66.197	56.657	0.013	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	45200.000	70.323	60.783	0.035	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	45200.000	66.058	56.518	0.013	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57897.630	71.928	62.388	0.050	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57897.630	72.642	63.102	0.059	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62975.700	70.859	61.319	0.039	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62975.700	69.959	60.419	0.032	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	56011.900	69.117	59.577	0.026	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	56011.900	61.951	52.411	0.005	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62973.010	73.406	63.866	0.071	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62973.010	69.416	59.876	0.028	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	81968.500	72.721	63.181	0.060	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	81968.500	68.611	59.071	0.023	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	100686.500	73.043	63.503	0.065	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	100686.500	65.559	56.019	0.012	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	153698.000	76.510	66.970	0.144	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	153698.000	69.762	60.222	0.031	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	159548.000	76.804	67.264	0.155	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	159548.000	70.014	60.474	0.032	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	194351.000	79.415	69.875	0.282	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	194351.000	73.015	63.475	0.065	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	195383.000	80.292	70.752	0.345	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	195383.000	72.919	63.379	0.063	V	90	PASS

Note:

Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

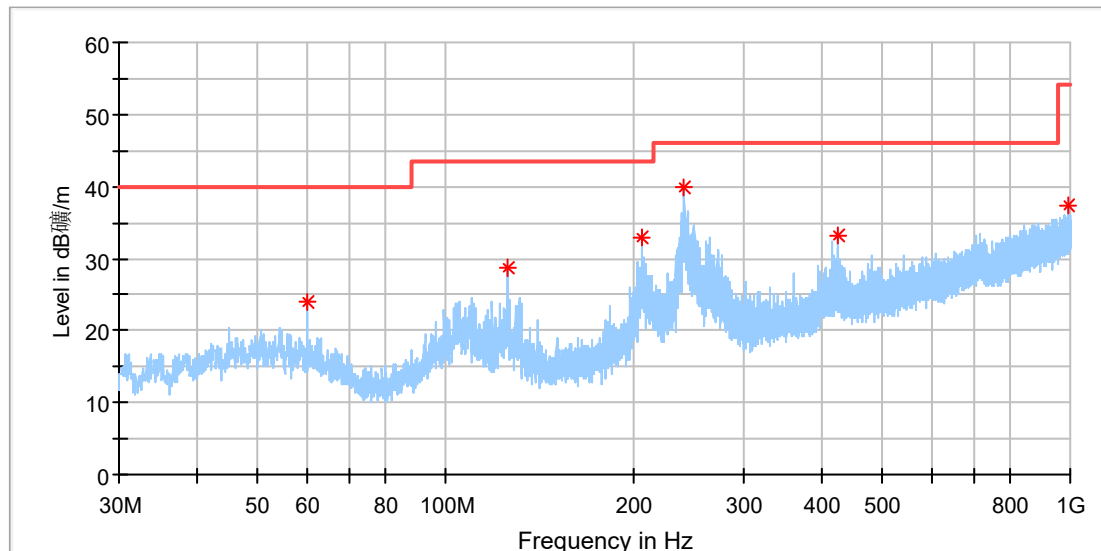
Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.1.2 Operation Frequency Range 61 - 61.5 GHz

30MHz - 1GHz

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

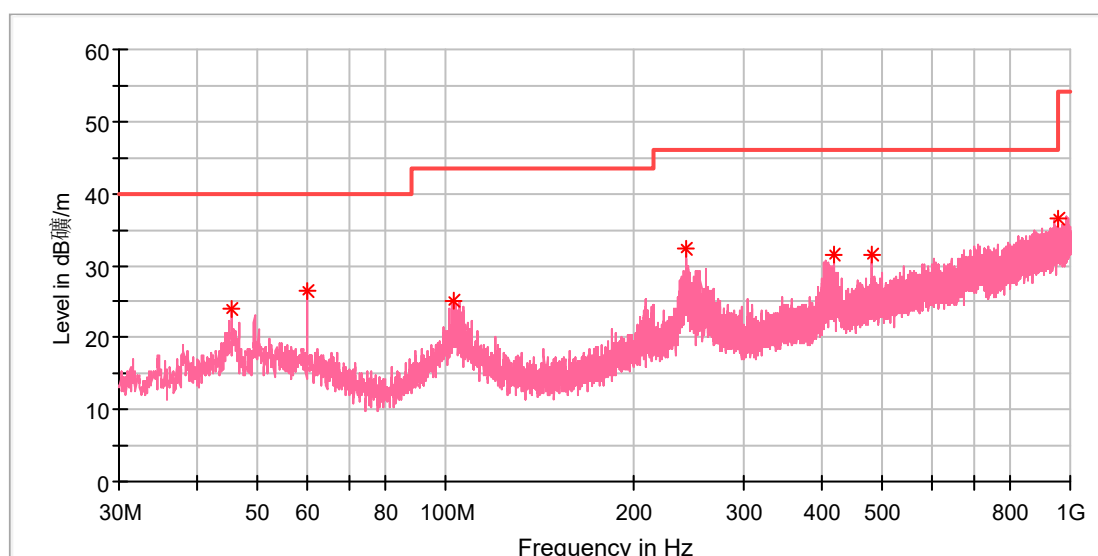
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.995385	24.14	40.00	15.86	100.0	H	108.0	-19.1
125.918077	28.73	43.50	14.77	100.0	H	31.0	-21.5
205.868462	32.95	43.50	10.55	100.0	H	301.0	-19.0
241.385385	39.81	46.00	6.19	100.0	H	74.0	-17.7
423.969231	33.14	46.00	12.86	100.0	H	264.0	-13.2
994.254615	37.47	54.00	16.53	100.0	H	49.0	-3.6

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.408077	24.07	40.00	15.93	100.0	V	83.0	-18.9
59.995385	26.47	40.00	13.53	100.0	V	43.0	-19.1
103.197692	25.23	43.50	18.27	100.0	V	67.0	-19.0
242.579231	32.33	46.00	13.67	100.0	V	0.0	-17.6
418.634231	31.47	46.00	14.53	100.0	V	320.0	-13.3
480.042692	31.62	46.00	14.38	100.0	V	51.0	-12.1
955.044231	36.57	46.00	9.43	100.0	V	288.0	-4.2

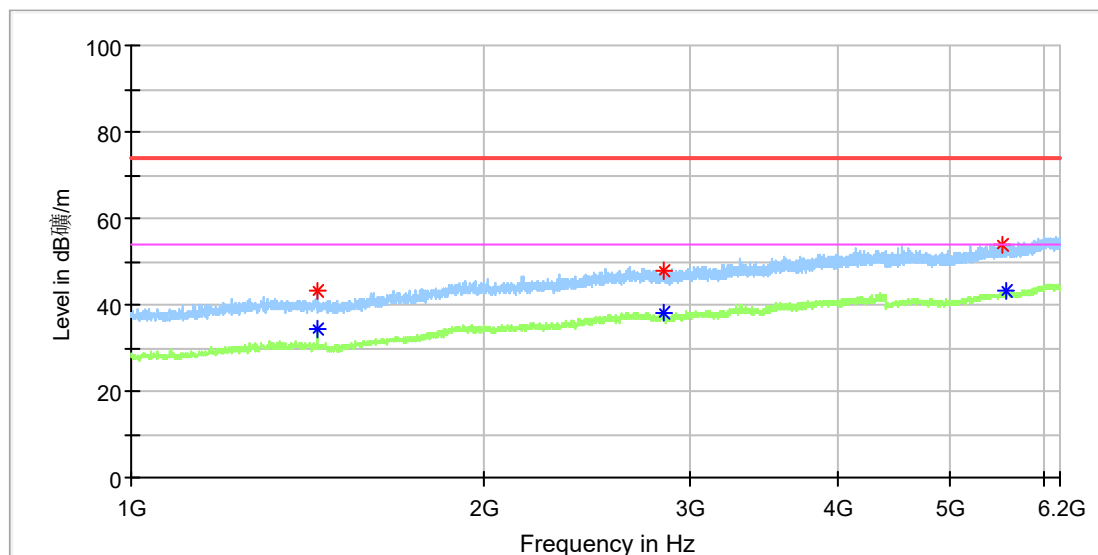
Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

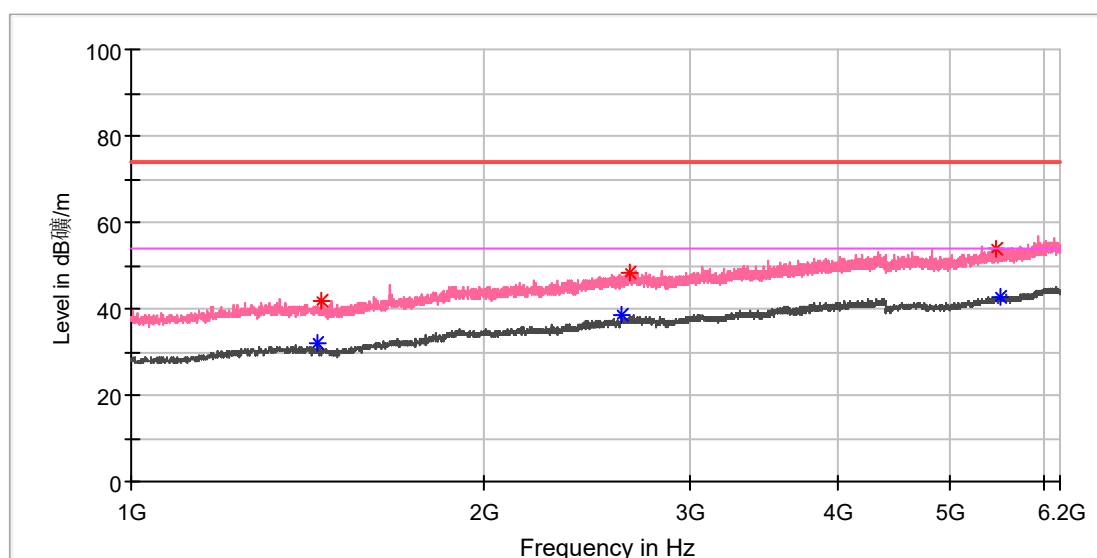
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1440.000000	43.13	---	74.00	30.87	150.0	H	321.0	2.8
1440.000000	---	34.44	54.00	19.56	150.0	H	321.0	2.8
2844.000000	---	38.30	54.00	15.70	150.0	H	64.0	9.7
2847.500000	48.10	---	74.00	25.90	150.0	H	119.0	9.7
5531.000000	53.81	---	74.00	20.19	150.0	H	112.0	15.3
5583.000000	---	43.30	54.00	10.70	150.0	H	357.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

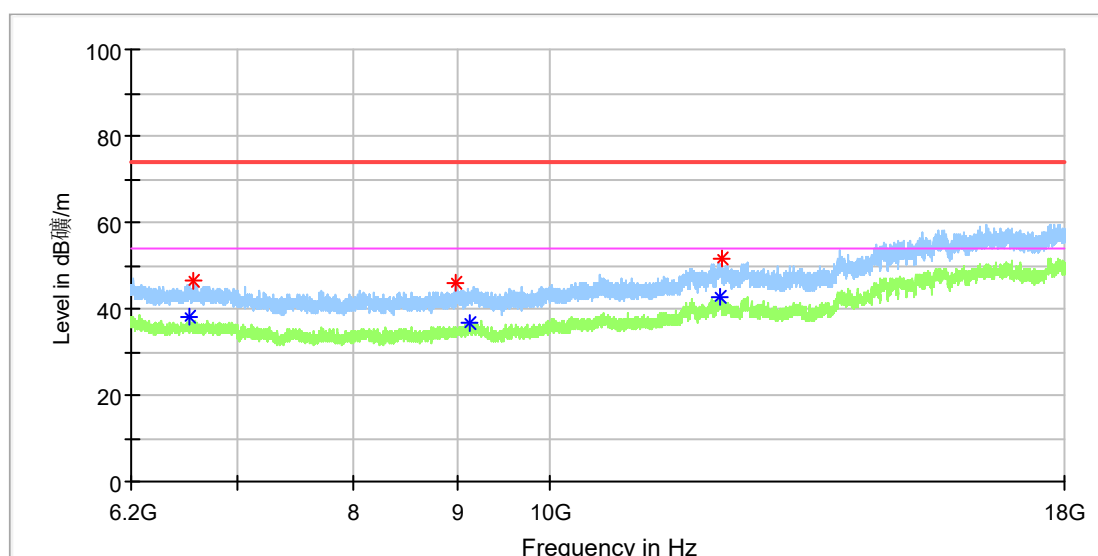
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1440.000000	---	32.23	54.00	21.77	150.0	V	292.0	2.8
1455.500000	41.88	---	74.00	32.12	150.0	V	245.0	2.7
2625.000000	---	38.78	54.00	15.22	150.0	V	67.0	9.9
2658.500000	48.39	---	74.00	25.61	150.0	V	135.0	10.2
5456.500000	54.08	---	74.00	19.92	150.0	V	297.0	15.1
5504.500000	---	42.95	54.00	11.05	150.0	V	195.0	15.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

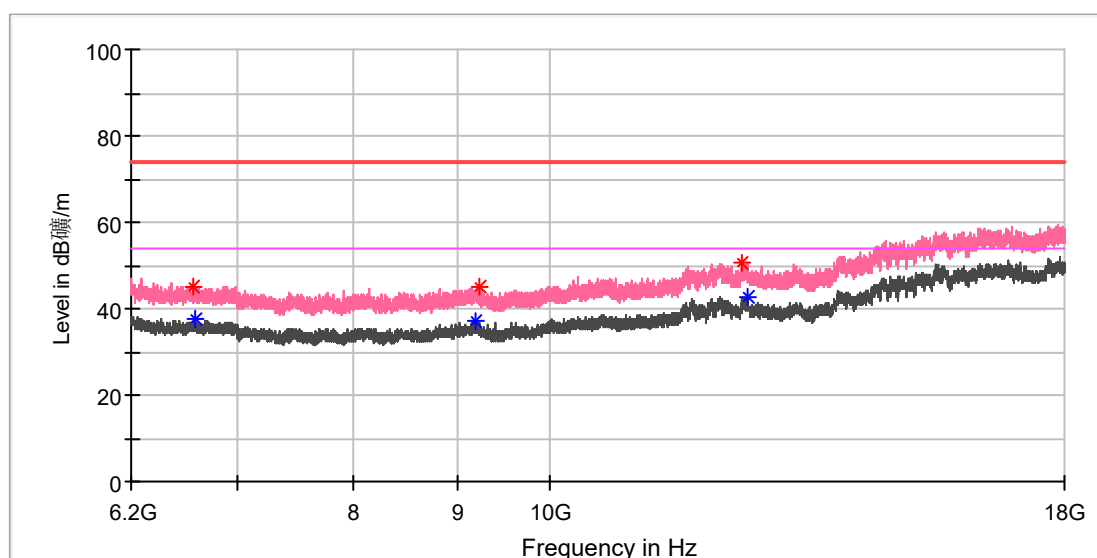
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6625.291667	---	38.00	54.00	16.00	150.0	H	323.0	8.9
6659.216667	46.32	---	74.00	27.68	150.0	H	127.0	8.9
8985.783333	46.18	---	74.00	27.82	150.0	H	209.0	9.4
9116.075000	---	36.71	54.00	17.29	150.0	H	346.0	10.2
12137.858333	---	42.79	54.00	11.21	150.0	H	0.0	16.4
12168.833333	51.69	---	74.00	22.31	150.0	H	19.0	15.8

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6651.841667	45.20	---	74.00	28.80	150.0	V	225.0	8.9
6666.100000	---	37.80	54.00	16.20	150.0	V	146.0	8.9
9187.366667	---	37.19	54.00	16.81	150.0	V	236.0	10.6
9220.308333	45.05	---	74.00	28.95	150.0	V	294.0	10.7
12466.783333	50.50	---	74.00	23.50	150.0	V	0.0	16.2
12529.716667	---	42.70	54.00	11.30	150.0	V	158.0	16.3

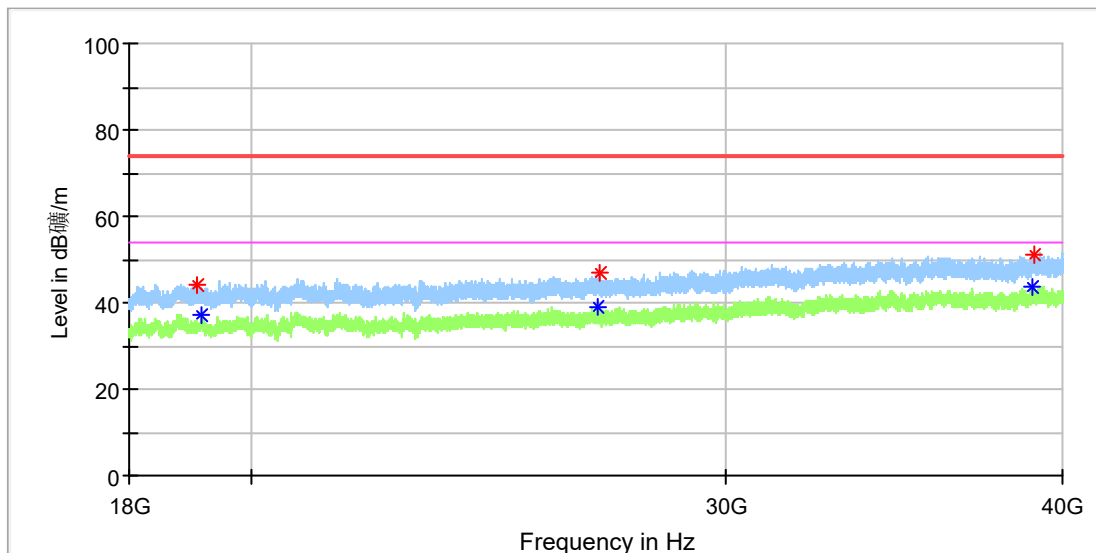
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

18GHz - 40GHz

EUT Information

EUT Name:	Presence Sensor Module
Model:	P6G8HZ
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	A003890968-002
Test Voltage::	DC 5V (Powered by PC)
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

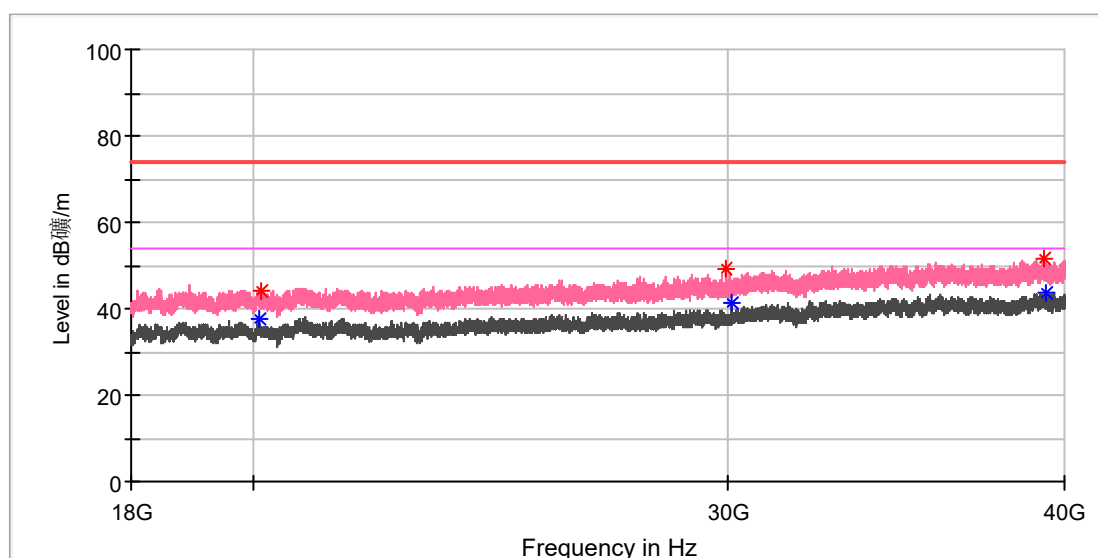
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19095.187500	44.22	---	74.00	29.78	150.0	H	303.0	-12.0
19141.937500	---	37.34	54.00	16.66	150.0	H	91.0	-12.0
26881.812500	---	39.09	54.00	14.91	150.0	H	22.0	-8.5
26918.250000	46.81	---	74.00	27.19	150.0	H	45.0	-8.6
38976.312500	---	43.54	54.00	10.46	150.0	H	34.0	-5.1
39021.687500	51.17	---	74.00	22.83	150.0	H	229.0	-5.1

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Presence Sensor Module
Model: P6G8HZ
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: A003890968-002
Test Voltage:: DC 5V (Powered by PC)
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20076.937500	---	37.48	54.00	16.52	150.0	V	290.0	-11.2
20103.750000	44.31	---	74.00	29.69	150.0	V	21.0	-11.3
29941.875000	49.15	---	74.00	24.85	150.0	V	159.0	-9.5
30107.562500	---	41.23	54.00	12.77	150.0	V	342.0	-9.3
39332.437500	51.84	---	74.00	22.16	150.0	V	228.0	-5.2
39395.687500	---	43.95	54.00	10.05	150.0	V	90.0	-5.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A
CN25SFXG 001



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40GHz - 200GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	45970.000	65.192	55.652	0.011	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	45970.000	61.419	51.879	0.004	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	45280.000	65.759	56.219	0.012	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	45280.000	62.006	52.466	0.005	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	58771.400	75.985	66.445	0.128	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	58771.400	77.225	67.685	0.170	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62952.600	71.878	62.338	0.050	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62952.600	65.683	56.143	0.012	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	52547.600	65.472	55.932	0.011	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	52547.600	57.674	48.134	0.002	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62466.600	71.634	62.094	0.047	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62466.600	65.912	56.372	0.013	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	109349.000	69.391	59.851	0.028	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	109349.000	63.193	53.653	0.007	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	103679.000	68.922	59.382	0.025	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	103679.000	62.350	52.810	0.006	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	168212.000	72.447	62.907	0.057	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	168212.000	66.320	56.78	0.014	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	166334.000	73.058	63.518	0.065	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	166334.000	66.624	57.084	0.015	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	196061.000	75.324	65.784	0.110	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	196061.000	68.864	59.324	0.025	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	172019.000	75.796	66.256	0.123	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	172019.000	68.470	58.930	0.023	V	90	PASS

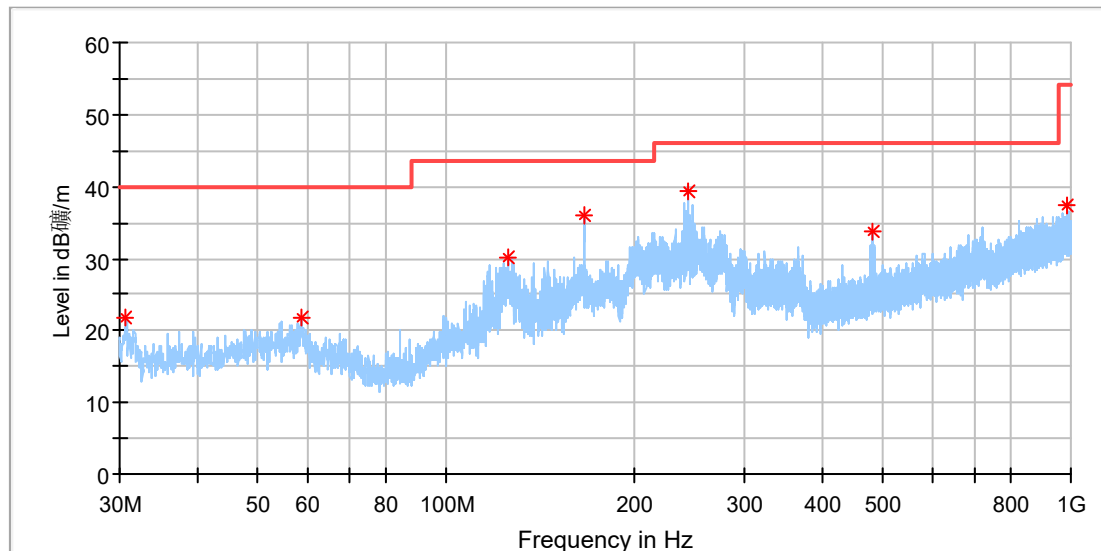
Note:
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)
Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.2: Test Results of Field strength of harmonics in HOST A

Appendix A.2.1 Operation Frequency Range 57.0 - 61.56 GHz

EUT Information

EUT Name: HOST A
Model: HOST A
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965326-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

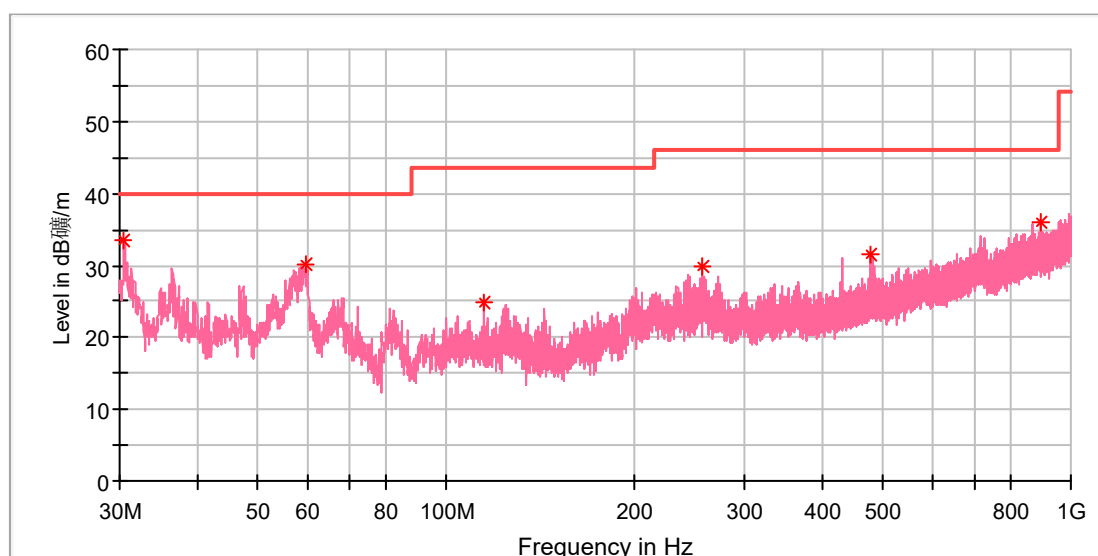
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.783462	21.83	40.00	18.17	100.0	H	156.0	-22.9
58.801539	21.63	40.00	18.37	100.0	H	133.0	-19.0
125.395769	30.23	43.50	13.27	100.0	H	172.0	-21.5
166.285000	36.08	43.50	7.42	100.0	H	227.0	-21.5
243.549231	39.24	46.00	6.76	100.0	H	218.0	-17.6
482.915385	33.86	46.00	12.14	100.0	H	101.0	-12.1
987.240769	37.44	54.00	16.56	100.0	H	0.0	-3.7

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: HOST A
Model: HOST A
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965326-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

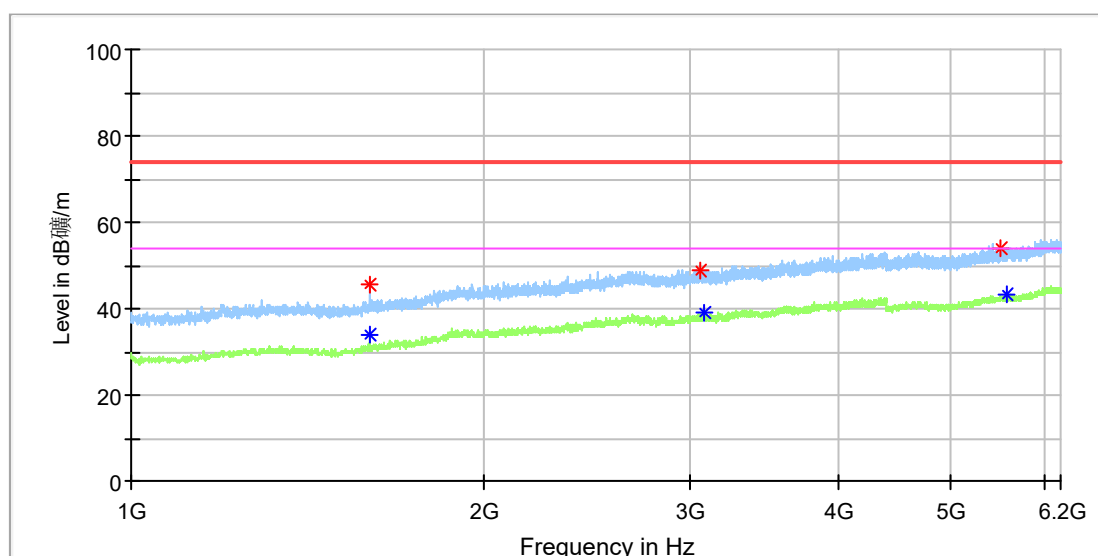
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.522308	33.58	40.00	6.42	100.0	V	15.0	-22.9
59.435769	30.01	40.00	9.99	100.0	V	0.0	-19.0
115.322692	24.72	43.50	18.78	100.0	V	0.0	-19.9
257.726154	29.76	46.00	16.24	100.0	V	205.0	-17.2
477.617692	31.48	46.00	14.52	100.0	V	196.0	-12.2
895.277308	36.05	46.00	9.95	100.0	V	189.0	-4.9

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

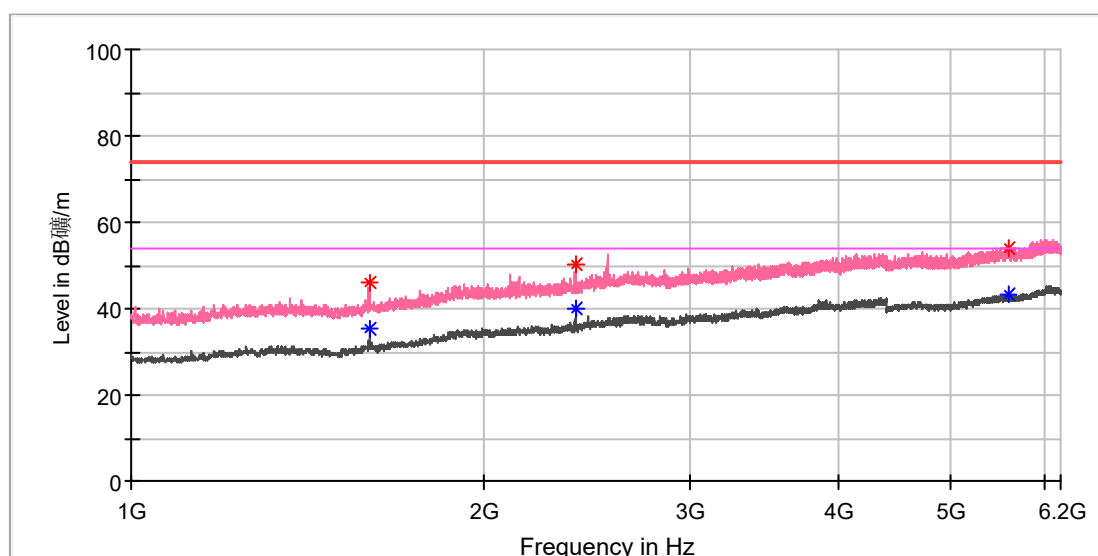
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.000000	45.68	---	74.00	28.32	150.0	H	0.0	3.8
1595.000000	---	33.73	54.00	20.27	150.0	H	0.0	3.8
3051.500000	48.72	---	74.00	25.28	150.0	H	54.0	10.4
3078.000000	---	39.06	54.00	14.94	150.0	H	86.0	10.5
5499.500000	54.11	---	74.00	19.89	150.0	H	347.0	15.2
5581.000000	---	43.04	54.00	10.96	150.0	H	340.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

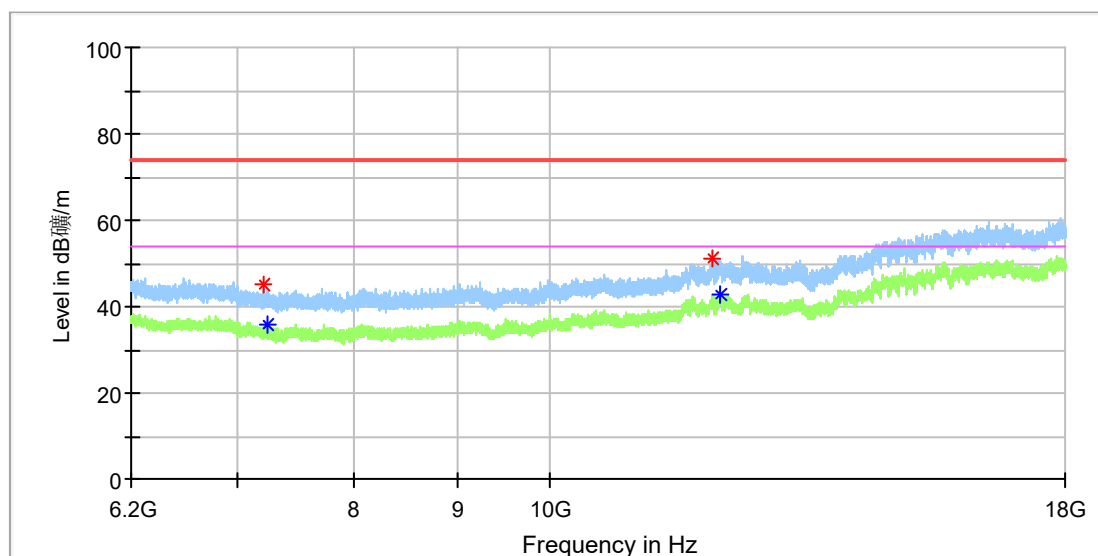
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1596.000000	46.11	---	74.00	27.89	150.0	V	332.0	3.8
1596.000000	---	35.18	54.00	18.82	150.0	V	332.0	3.8
2391.500000	---	40.18	54.00	13.82	150.0	V	156.0	8.5
2394.500000	50.20	---	74.00	23.80	150.0	V	156.0	8.5
5587.000000	---	43.11	54.00	10.89	150.0	V	263.0	15.3
5591.000000	54.17	---	74.00	19.83	150.0	V	358.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

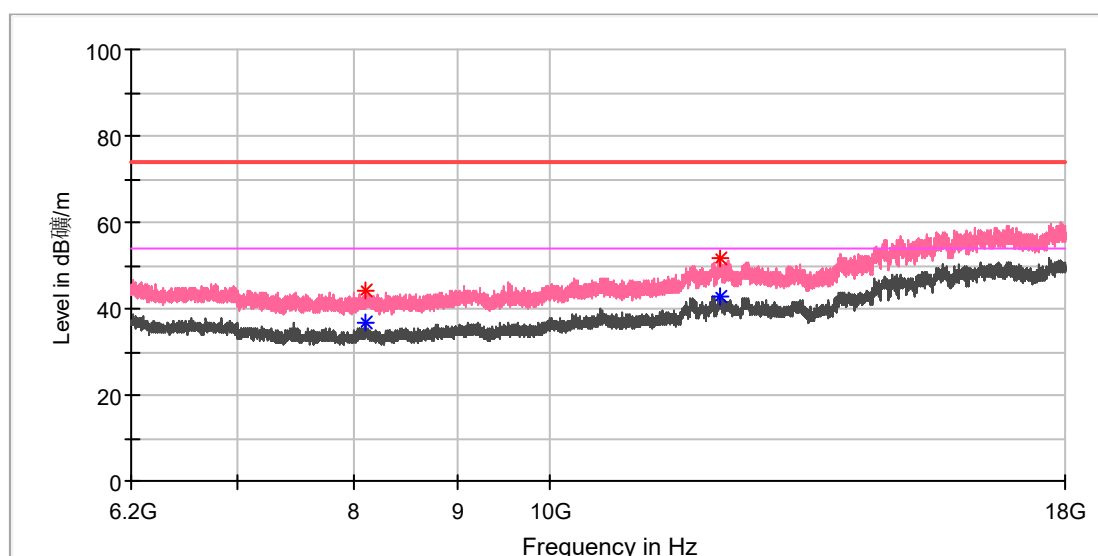
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7206.933333	45.20	---	74.00	28.80	150.0	H	136.0	8.8
7246.266667	---	36.04	54.00	17.96	150.0	H	46.0	8.6
12037.558333	51.04	---	74.00	22.96	150.0	H	23.0	16.1
12152.116667	---	42.83	54.00	11.17	150.0	H	2.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

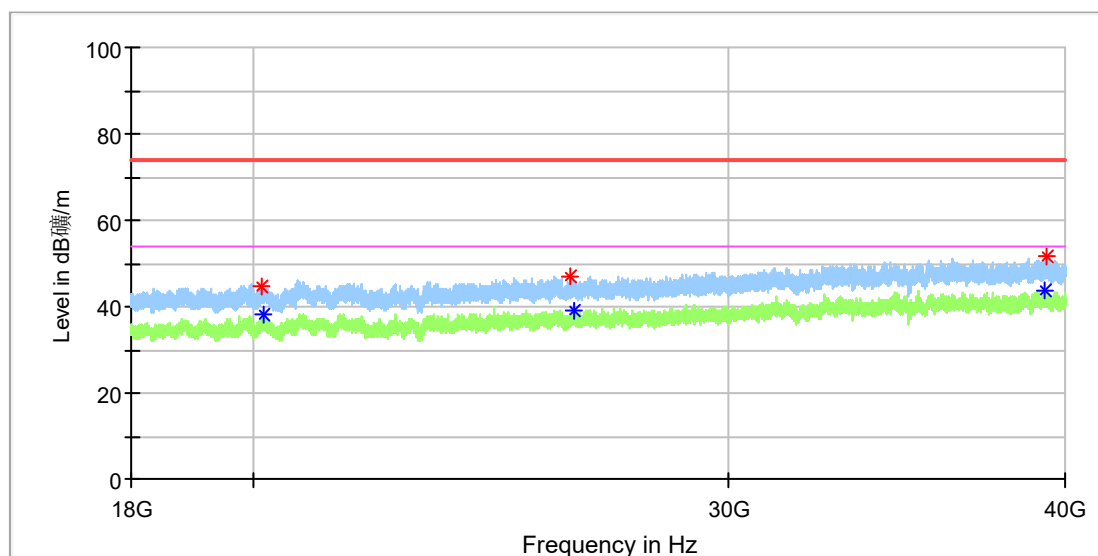
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8101.766667	44.38	---	74.00	29.62	150.0	V	270.0	8.9
8104.225000	---	36.80	54.00	17.20	150.0	V	247.0	8.9
12141.300000	---	42.69	54.00	11.31	150.0	V	166.0	16.5
12146.708333	51.68	---	74.00	22.32	150.0	V	292.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

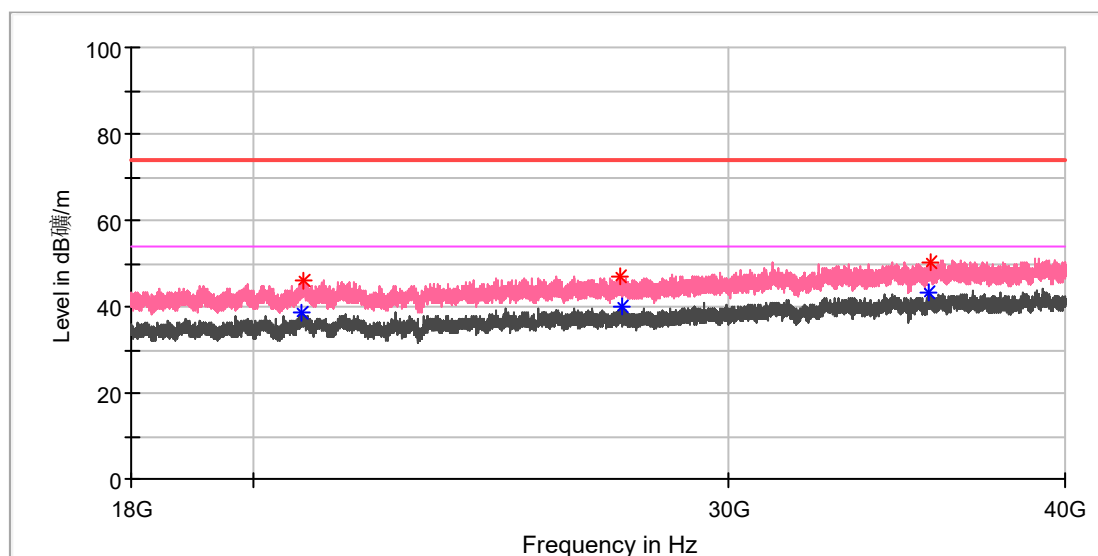
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20134.687500	44.82	---	74.00	29.18	150.0	H	356.0	-11.3
20150.500000	---	38.09	54.00	15.91	150.0	H	181.0	-11.4
26177.125000	46.78	---	74.00	27.22	150.0	H	0.0	-8.6
26285.750000	---	39.23	54.00	14.77	150.0	H	51.0	-8.8
39302.875000	---	43.74	54.00	10.26	150.0	H	274.0	-5.1
39380.562500	51.63	---	74.00	22.37	150.0	H	51.0	-5.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20831.125000	---	38.75	54.00	15.25	150.0	V	212.0	-11.3
20843.500000	45.90	---	74.00	28.10	150.0	V	197.0	-11.3
27321.812500	46.78	---	74.00	27.22	150.0	V	84.0	-9.0
27369.937500	---	40.04	54.00	13.96	150.0	V	356.0	-9.0
35610.312500	---	43.23	54.00	10.77	150.0	V	341.0	-6.6
35651.562500	50.38	---	74.00	23.62	150.0	V	0.0	-6.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

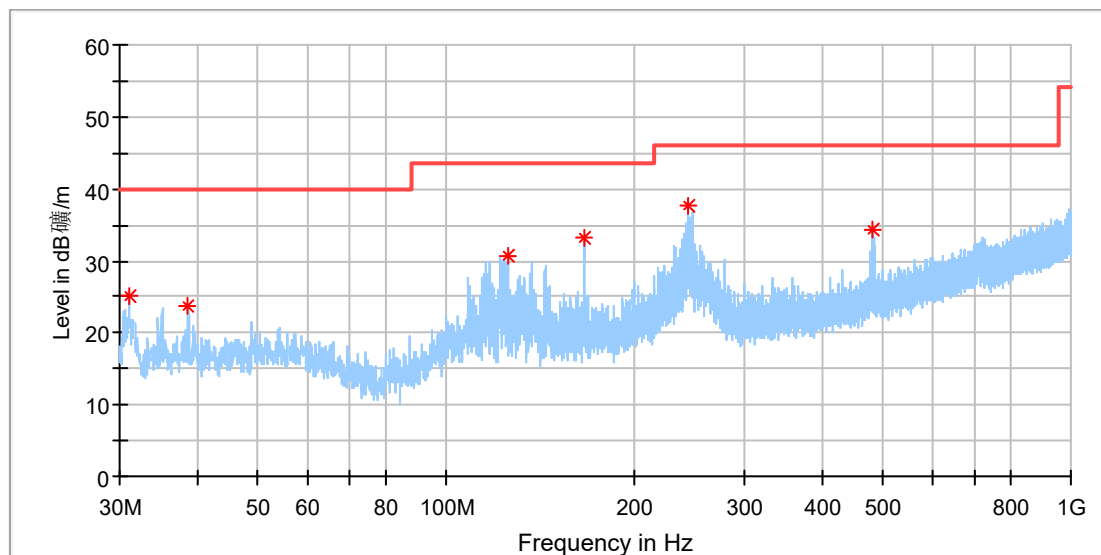
Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	47843.000	69.630	60.09	0.267	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	47843.000	65.985	56.445	0.115	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	48921.000	70.330	60.79	0.313	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48921.000	66.468	56.928	0.129	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57757.010	69.672	60.132	0.269	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57757.010	67.235	57.695	0.154	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62975.700	72.077	62.537	0.468	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62975.700	69.753	60.213	0.274	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	50062.410	68.929	59.389	0.227	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	50062.410	61.290	51.75	0.039	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62967.630	76.566	67.026	1.316	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62967.630	70.013	60.473	0.291	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	82241.500	72.764	63.224	0.548	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	82241.500	70.830	61.29	0.351	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	83305.500	72.893	63.353	0.565	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	83305.500	69.162	59.622	0.239	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	141830.000	76.260	66.72	1.227	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	141830.000	69.472	59.932	0.257	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	167408.000	77.762	68.222	1.734	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	167408.000	69.885	60.345	0.283	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	197465.000	79.216	69.676	2.423	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	197465.000	69.116	59.576	0.237	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	199496.000	78.909	69.369	2.258	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	199496.000	69.383	59.843	0.252	V	90	PASS

Note:
 Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)
 Power Density = (10⁸ / 377) * {10[^][(Measure Level @3m -120) / 20]}²

Appendix A.2.2 Operation Frequency Range 61 - 61.5 GHz

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

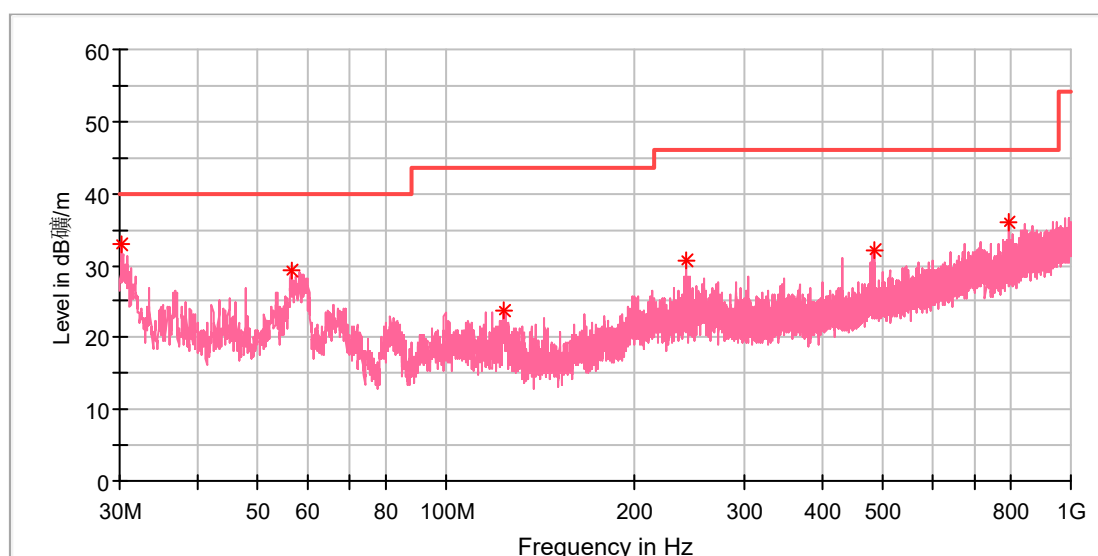
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.119231	25.10	40.00	14.90	100.0	H	285.0	-22.9
38.655385	23.85	40.00	16.15	100.0	H	124.0	-20.6
125.321154	30.76	43.50	12.74	100.0	H	179.0	-21.5
165.986539	33.08	43.50	10.42	100.0	H	140.0	-21.5
244.108846	37.59	46.00	8.41	100.0	H	140.0	-17.6
481.684231	34.21	46.00	11.79	100.0	H	107.0	-12.1

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

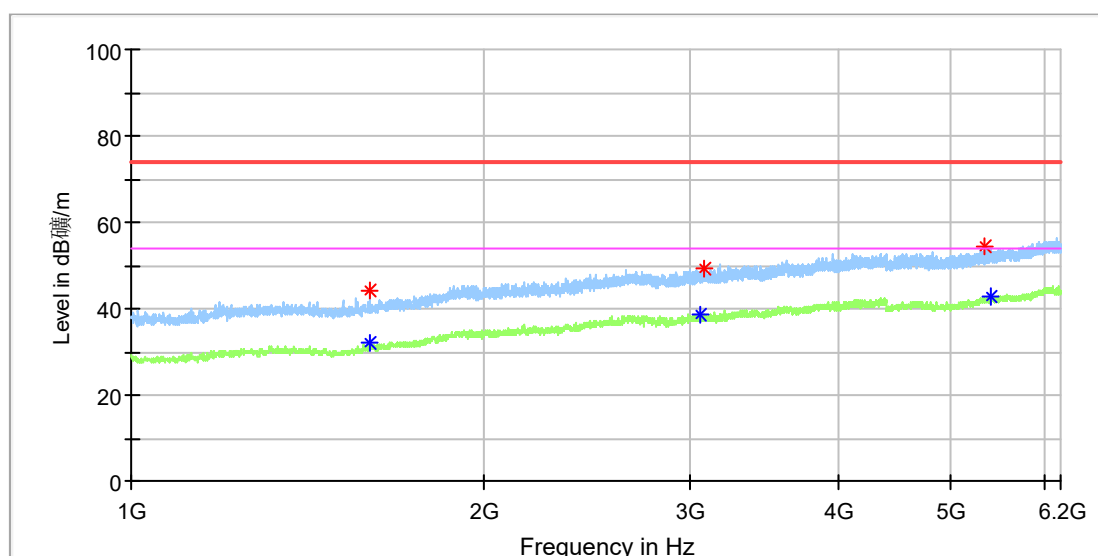
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.186539	32.89	40.00	7.11	100.0	V	182.0	-23.0
56.413846	29.29	40.00	10.71	100.0	V	206.0	-18.7
123.455769	23.59	43.50	19.91	100.0	V	230.0	-21.3
242.915000	30.57	46.00	15.43	100.0	V	239.0	-17.6
483.586923	31.96	46.00	14.04	100.0	V	198.0	-12.1
798.277308	36.02	46.00	9.98	100.0	V	222.0	-6.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

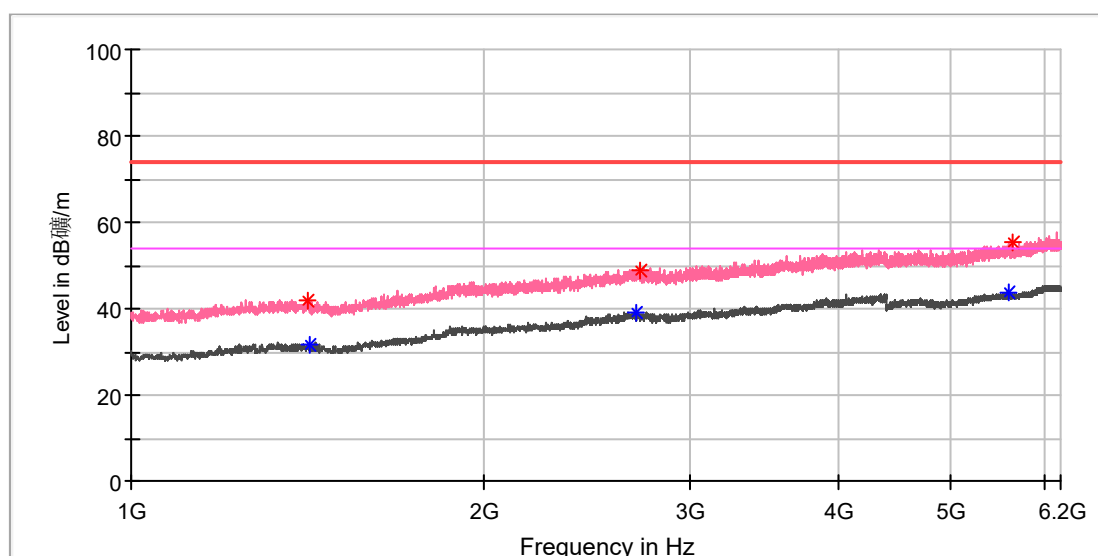
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.500000	44.28	---	74.00	29.72	150.0	H	0.0	3.8
1594.500000	---	32.24	54.00	21.76	150.0	H	0.0	3.8
3054.500000	---	38.71	54.00	15.29	150.0	H	0.0	10.4
3073.000000	49.48	---	74.00	24.52	150.0	H	122.0	10.5
5345.000000	54.48	---	74.00	19.52	150.0	H	243.0	14.7
5400.500000	---	42.58	54.00	11.43	150.0	H	298.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

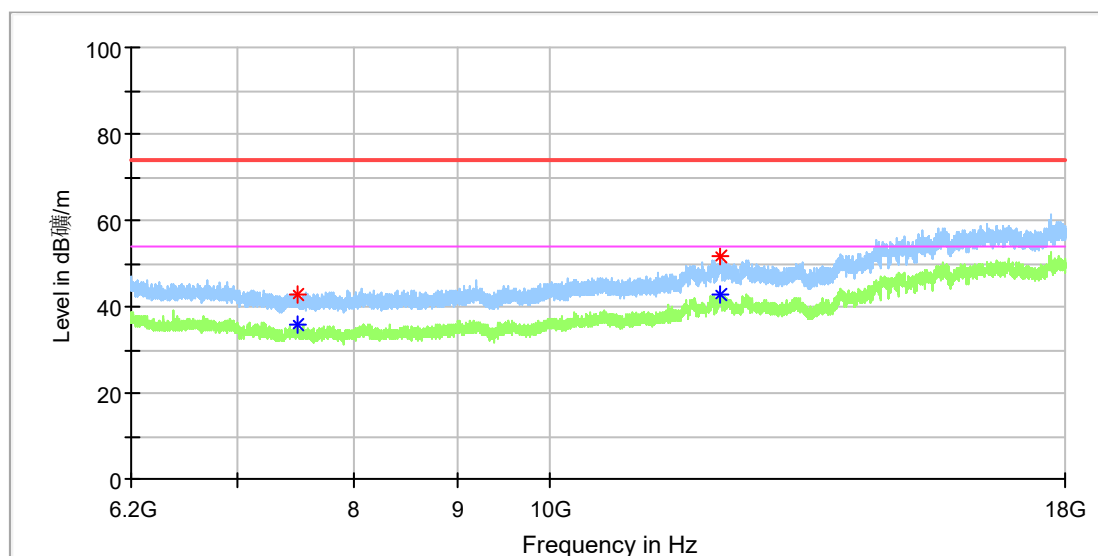
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1412.000000	41.88	---	74.00	32.12	150.0	V	286.0	3.0
1416.500000	---	31.83	54.00	22.17	150.0	V	10.0	3.0
2696.000000	---	39.26	54.00	14.74	150.0	V	286.0	10.0
2715.500000	48.98	---	74.00	25.02	150.0	V	107.0	9.9
5591.500000	---	43.81	54.00	10.19	150.0	V	138.0	15.3
5641.500000	55.26	---	74.00	18.74	150.0	V	59.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

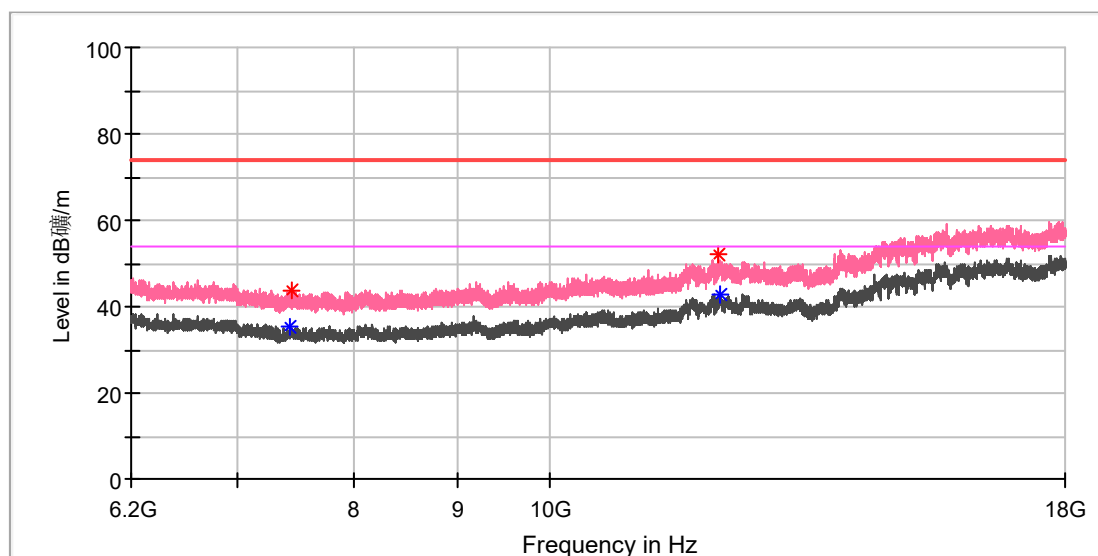
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7494.066667	---	35.74	54.00	18.26	150.0	H	136.0	8.7
7494.558333	42.86	---	74.00	31.14	150.0	H	136.0	8.7
12132.941667	51.52	---	74.00	22.48	150.0	H	279.0	16.3
12144.250000	---	42.67	54.00	11.34	150.0	H	226.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

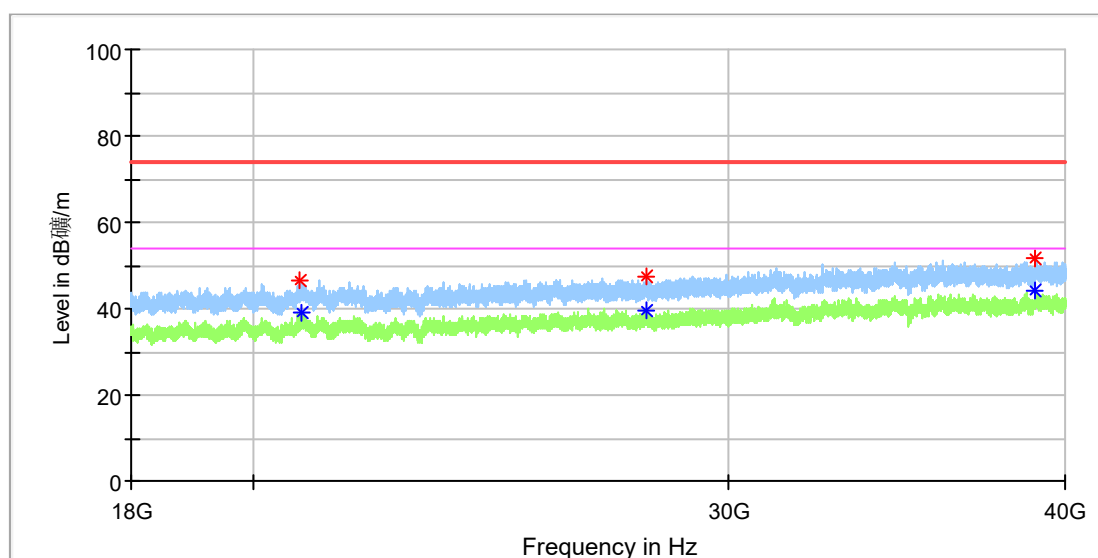
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7431.133333	---	35.31	54.00	18.69	150.0	V	102.0	8.4
7444.408333	43.95	---	74.00	30.05	150.0	V	292.0	8.5
12130.483333	52.19	---	74.00	21.81	150.0	V	157.0	16.2
12143.758333	---	42.62	54.00	11.38	150.0	V	135.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

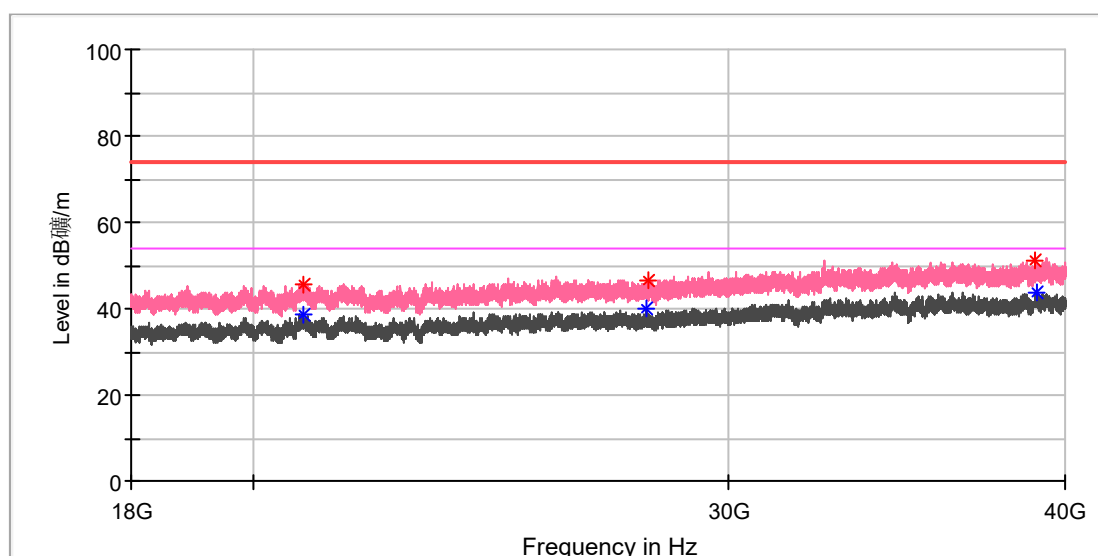
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20800.875000	46.50	---	74.00	27.50	150.0	H	4.0	-11.2
20807.062500	---	39.08	54.00	14.92	150.0	H	331.0	-11.2
27937.125000	---	39.49	54.00	14.51	150.0	H	199.0	-9.3
27961.875000	47.52	---	74.00	26.48	150.0	H	85.0	-9.3
39001.062500	---	44.32	54.00	9.68	150.0	H	4.0	-5.1
39009.312500	51.80	---	74.00	22.20	150.0	H	288.0	-5.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST A
Model:	HOST A
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965326-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20849.687500	45.46	---	74.00	28.54	150.0	V	323.0	-11.3
20864.812500	---	38.78	54.00	15.22	150.0	V	279.0	-11.3
27967.375000	---	40.17	54.00	13.83	150.0	V	115.0	-9.3
28029.250000	46.58	---	74.00	27.42	150.0	V	193.0	-9.4
39006.562500	51.31	---	74.00	22.69	150.0	V	162.0	-5.1
39032.687500	---	43.88	54.00	10.12	150.0	V	0.0	-5.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	43090.000	65.697	56.157	0.108	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	43090.000	61.797	52.257	0.044	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	49861.000	65.919	56.379	0.113	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49861.000	61.955	52.415	0.046	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	60987.900	68.407	58.867	0.201	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	60987.900	80.856	71.316	3.535	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62455.800	71.651	62.111	0.424	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62455.800	66.978	57.438	0.145	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	60997.800	66.548	57.008	0.131	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	60997.800	87.011	77.471	14.584	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62466.600	71.669	62.129	0.426	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62466.600	66.151	56.611	0.120	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	105674.000	68.763	59.223	0.218	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	105674.000	63.044	53.504	0.059	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	106633.000	68.973	59.433	0.229	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	106633.000	63.993	54.453	0.073	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	150680.000	72.770	63.23	0.549	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	150680.000	65.882	56.342	0.112	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	166472.000	72.827	63.287	0.557	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	166472.000	65.900	56.36	0.113	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	177776.000	75.273	65.733	0.977	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	177776.000	64.742	55.202	0.086	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	188417.000	74.964	65.424	0.910	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	188417.000	64.806	55.266	0.088	V	90	PASS

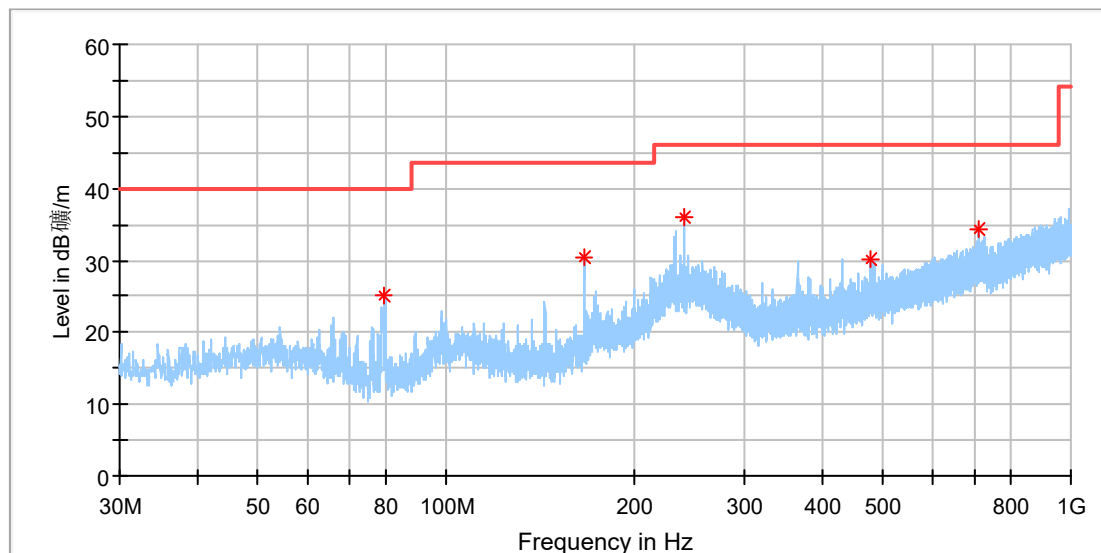
Note:
 Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)
 Power Density = (10⁸ / 377) * {10[^][(Measure Level @3m -120) / 20]}²

Appendix A.3: Test Results of Field strength of harmonics in HOST B

Appendix A.3.1 Operation Frequency Range 57.0 - 61.56 GHz

EUT Information

EUT Name: HOST B
Model: HOST B
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965309-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

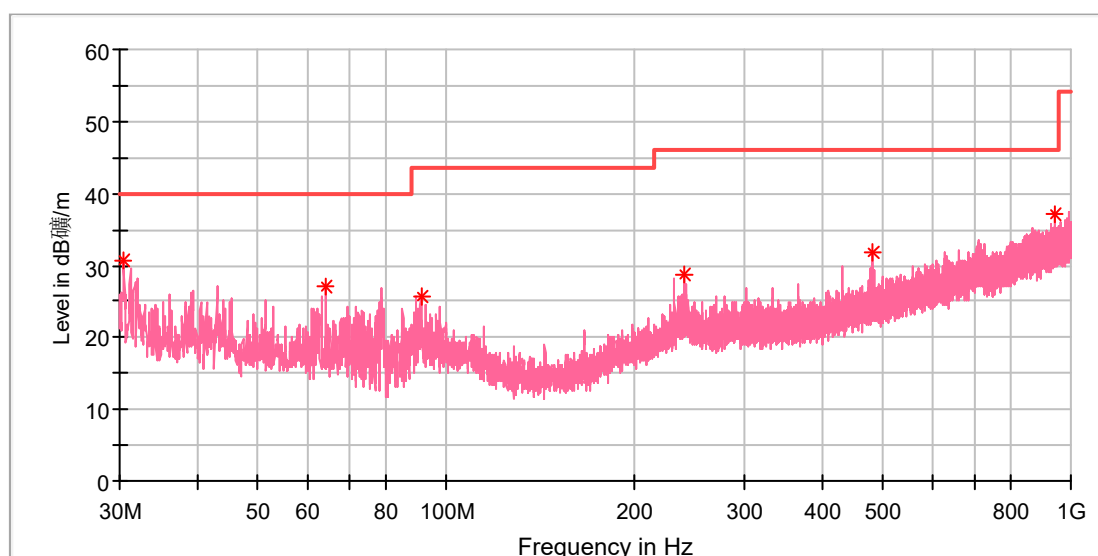
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
79.358077	25.23	40.00	14.77	100.0	H	275.0	-23.6
166.285000	30.45	43.50	13.05	100.0	H	275.0	-21.5
240.005000	36.04	46.00	9.96	100.0	H	227.0	-17.7
477.617692	30.26	46.00	15.74	100.0	H	185.0	-12.2
709.559615	34.20	46.00	11.80	100.0	H	235.0	-7.8

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: HOST B
Model: HOST B
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965309-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

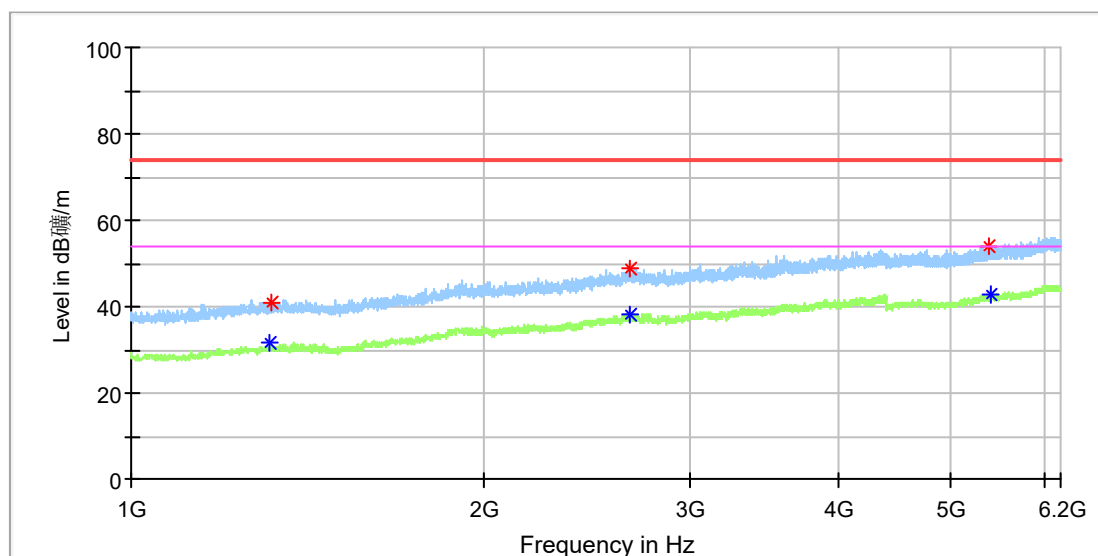
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.485000	30.67	40.00	9.33	100.0	V	358.0	-23.0
64.136539	26.96	40.00	13.04	100.0	V	358.0	-20.0
91.147308	25.76	43.50	17.74	100.0	V	347.0	-20.8
240.005000	28.73	46.00	17.27	100.0	V	207.0	-17.7
480.042692	31.90	46.00	14.10	100.0	V	268.0	-12.1
941.315000	37.08	46.00	8.92	100.0	V	176.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

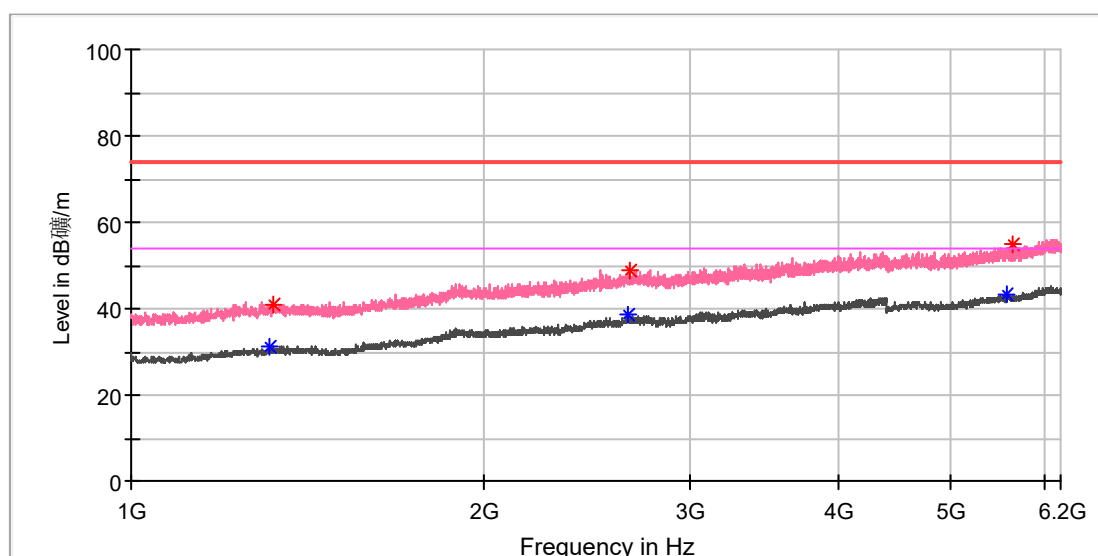
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	---	31.50	54.00	22.50	150.0	H	42.0	2.8
1318.000000	41.16	---	74.00	32.84	150.0	H	93.0	2.9
2658.500000	---	37.97	54.00	16.03	150.0	H	132.0	10.2
2662.000000	48.61	---	74.00	25.39	150.0	H	110.0	10.2
5374.000000	53.87	---	74.00	20.13	150.0	H	270.0	14.9
5409.000000	---	42.86	54.00	11.14	150.0	H	125.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

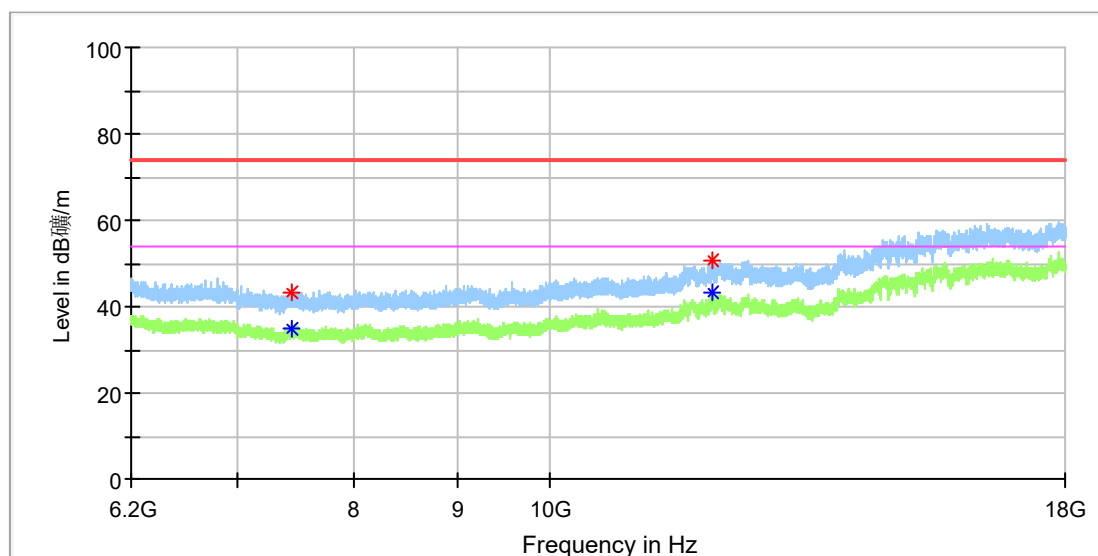
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	30.96	54.00	23.04	150.0	V	72.0	2.8
1320.500000	40.88	---	74.00	33.12	150.0	V	245.0	2.9
2655.500000	---	38.42	54.00	15.58	150.0	V	279.0	10.2
2659.000000	48.75	---	74.00	25.25	150.0	V	187.0	10.2
5586.000000	---	43.40	54.00	10.60	150.0	V	186.0	15.3
5651.500000	54.73	---	74.00	19.27	150.0	V	191.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

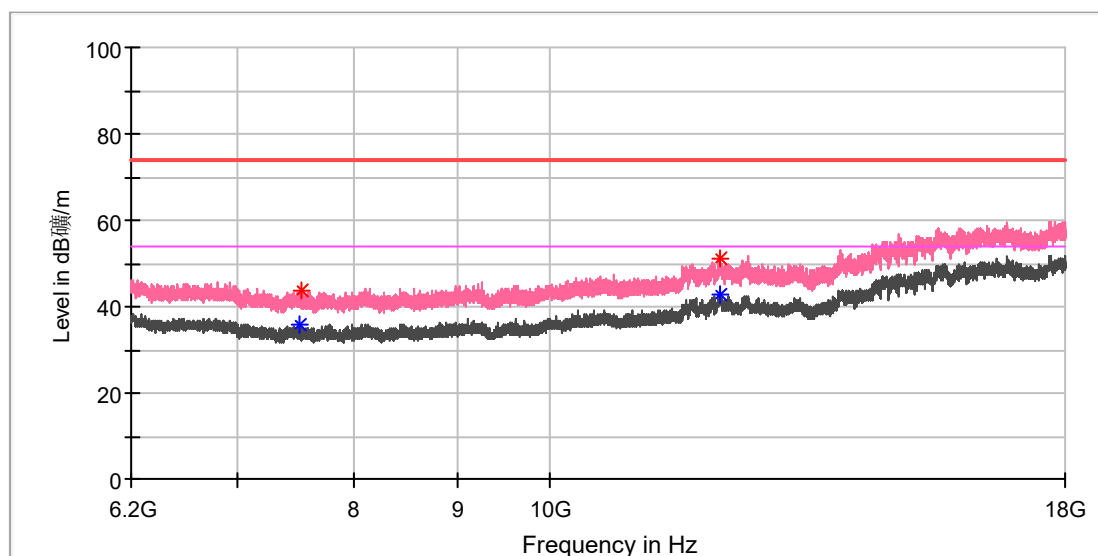
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	---	35.01	54.00	18.99	150.0	H	2.0	8.4
7439.983333	43.16	---	74.00	30.84	150.0	H	9.0	8.4
12039.525000	50.67	---	74.00	23.33	150.0	H	0.0	16.2
12047.883333	---	43.02	54.00	10.98	150.0	H	0.0	16.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

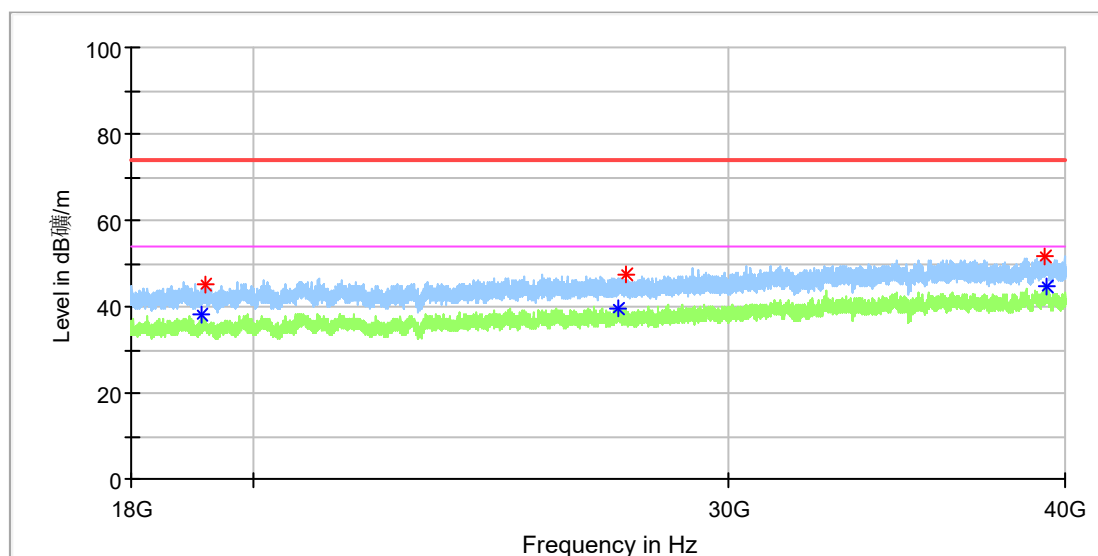
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7514.225000	---	35.68	54.00	18.32	150.0	V	0.0	8.7
7535.858333	43.58	---	74.00	30.42	150.0	V	318.0	8.7
12141.300000	---	42.91	54.00	11.09	150.0	V	17.0	16.5
12143.758333	51.04	---	74.00	22.96	150.0	V	218.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

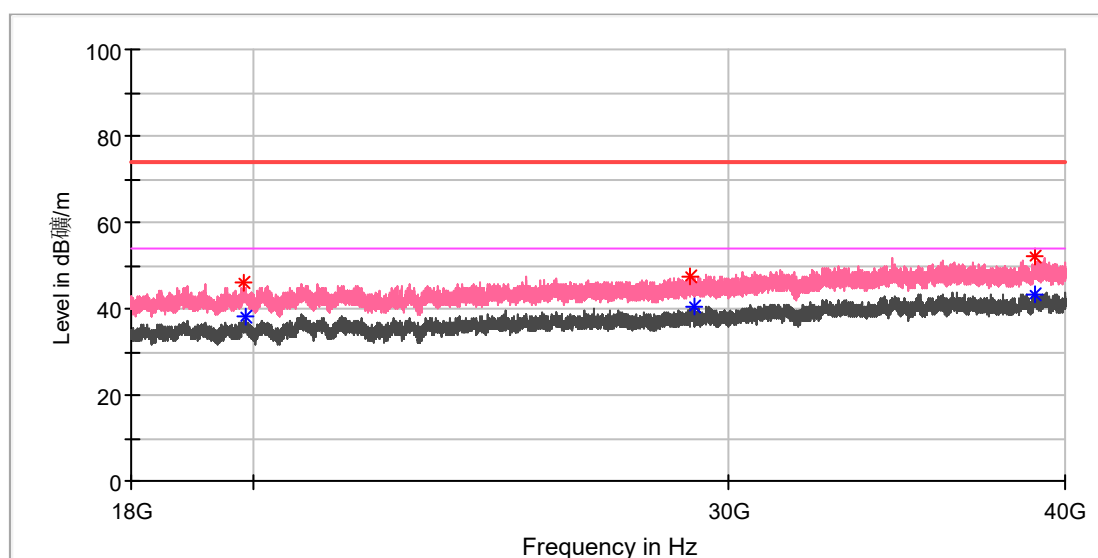
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19127.500000	---	38.35	54.00	15.65	150.0	H	0.0	-12.0
19170.125000	45.13	---	74.00	28.87	150.0	H	0.0	-12.1
27296.375000	---	39.77	54.00	14.23	150.0	H	123.0	-9.0
27476.500000	47.39	---	74.00	26.61	150.0	H	76.0	-9.1
39332.437500	51.81	---	74.00	22.19	150.0	H	270.0	-5.2
39414.937500	---	44.75	54.00	9.25	150.0	H	299.0	-5.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19812.937500	45.89	---	74.00	28.11	150.0	V	115.0	-11.5
19830.812500	---	38.17	54.00	15.83	150.0	V	129.0	-11.5
29013.062500	47.58	---	74.00	26.42	150.0	V	85.0	-8.8
29109.312500	---	40.60	54.00	13.40	150.0	V	284.0	-8.9
39005.187500	52.18	---	74.00	21.82	150.0	V	356.0	-5.1
39016.187500	---	43.35	54.00	10.65	150.0	V	0.0	-5.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	49266.000	69.599	60.059	0.265	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49266.000	66.480	56.94	0.129	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	48704.000	69.345	59.805	0.250	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48704.000	66.429	56.889	0.128	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57898.420	70.344	60.804	0.314	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57898.420	71.107	61.567	0.375	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62975.700	72.704	63.164	0.541	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62975.700	69.767	60.227	0.275	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	55603.470	69.316	59.776	0.248	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	55603.470	61.915	52.375	0.045	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62967.630	76.637	67.097	1.338	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62967.630	69.170	59.63	0.240	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	82238.000	72.988	63.448	0.578	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	82238.000	70.513	60.973	0.327	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	101218.500	72.837	63.297	0.558	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	101218.500	66.425	56.885	0.127	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	162758.000	76.710	67.17	1.361	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	162758.000	69.846	60.306	0.280	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	166286.000	76.626	67.086	1.335	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	166286.000	70.025	60.485	0.292	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	195761.000	79.039	69.499	2.326	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	195761.000	68.655	59.115	0.213	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	199079.000	79.207	69.667	2.418	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	199079.000	68.813	59.273	0.221	V	90	PASS

Note:

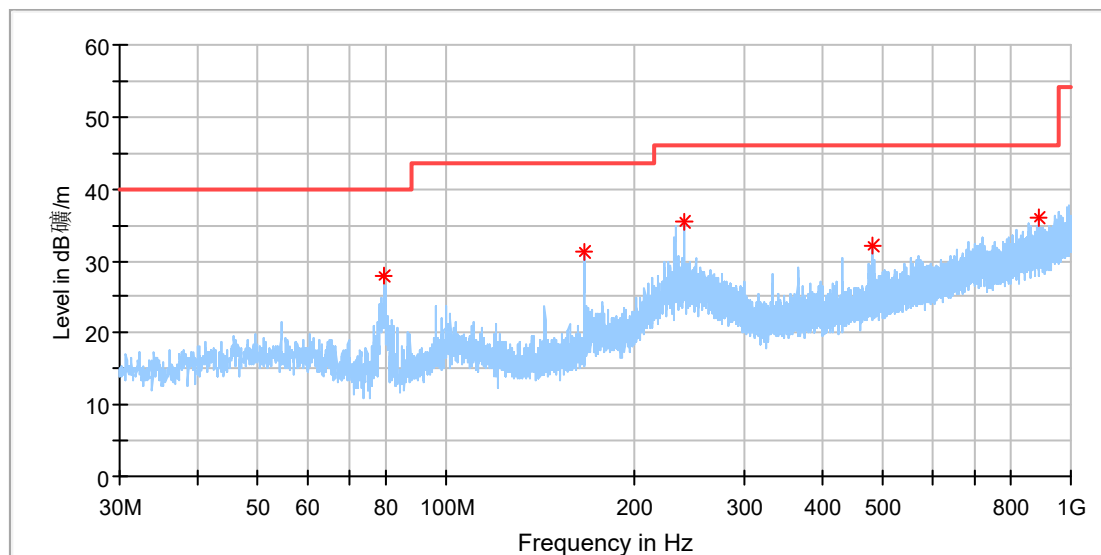
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.3.2 Operation Frequency Range 61 - 61.5 GHz

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

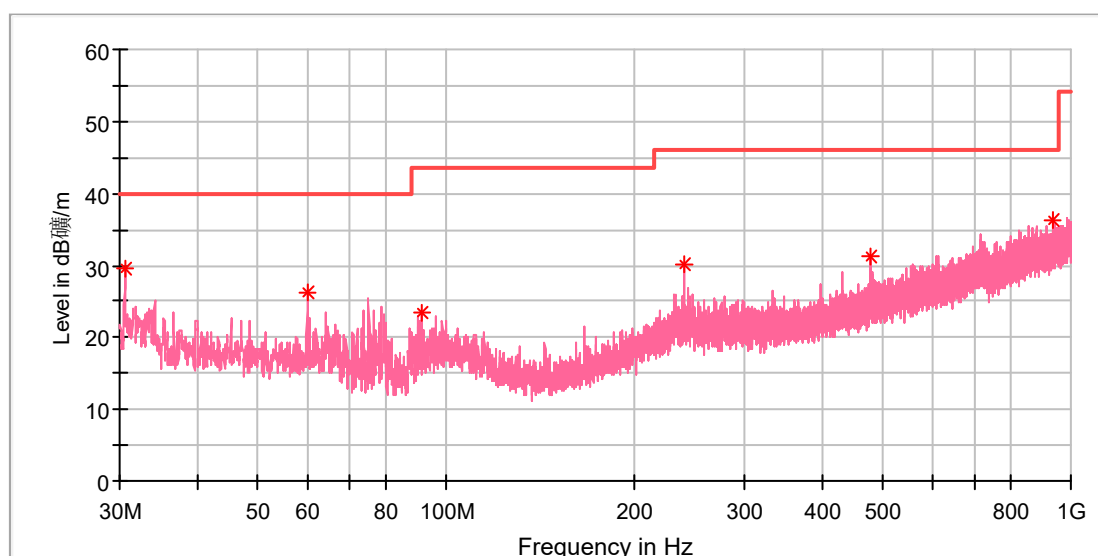
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
79.283462	27.84	40.00	12.16	100.0	H	0.0	-23.6
165.986539	31.18	43.50	12.32	100.0	H	277.0	-21.5
240.005000	35.33	46.00	10.67	100.0	H	221.0	-17.7
480.565000	32.00	46.00	14.00	100.0	H	246.0	-12.1
887.144231	35.86	46.00	10.14	100.0	H	131.0	-5.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: HOST B
Model: HOST B
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: 168546136/A003965309-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

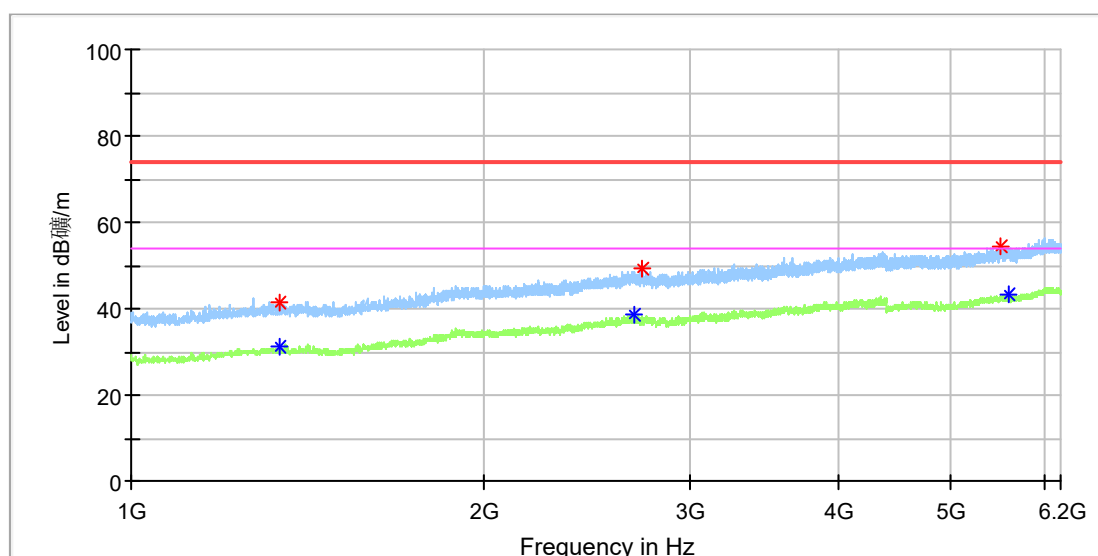
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.634231	29.49	40.00	10.51	100.0	V	79.0	-22.9
59.920769	26.24	40.00	13.76	100.0	V	6.0	-19.1
91.706923	23.37	43.50	20.13	100.0	V	0.0	-20.7
240.005000	30.13	46.00	15.87	100.0	V	255.0	-17.7
479.445769	31.29	46.00	14.71	100.0	V	129.0	-12.2
932.622308	36.38	46.00	9.62	100.0	V	270.0	-4.5

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

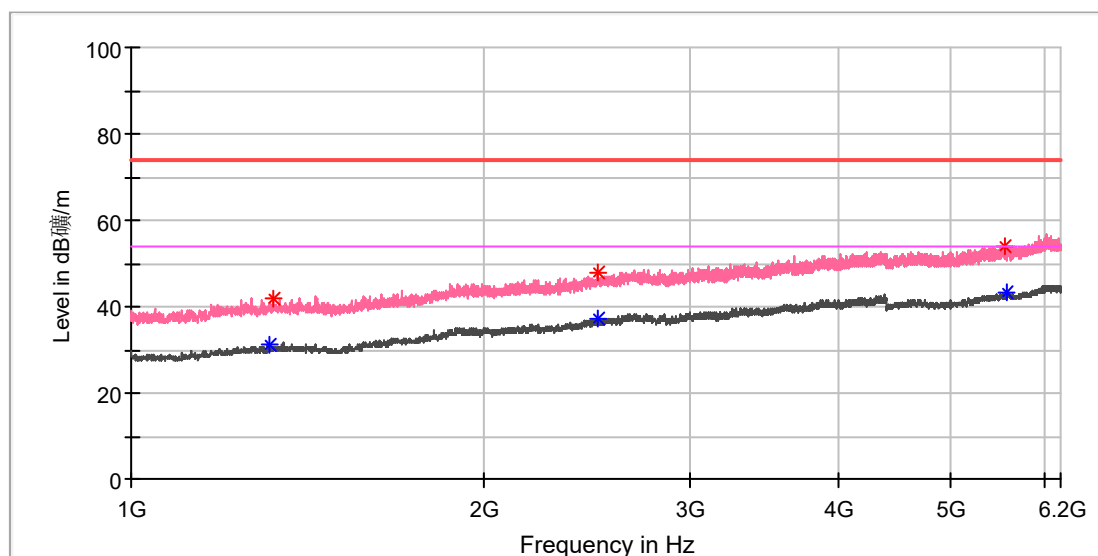
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1338.500000	41.61	---	74.00	32.39	150.0	H	25.0	3.0
1339.000000	---	31.25	54.00	22.75	150.0	H	251.0	3.0
2683.500000	---	38.53	54.00	15.47	150.0	H	232.0	10.1
2731.000000	49.12	---	74.00	24.88	150.0	H	50.0	9.9
5514.000000	54.25	---	74.00	19.75	150.0	H	310.0	15.2
5586.500000	---	43.30	54.00	10.70	150.0	H	5.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

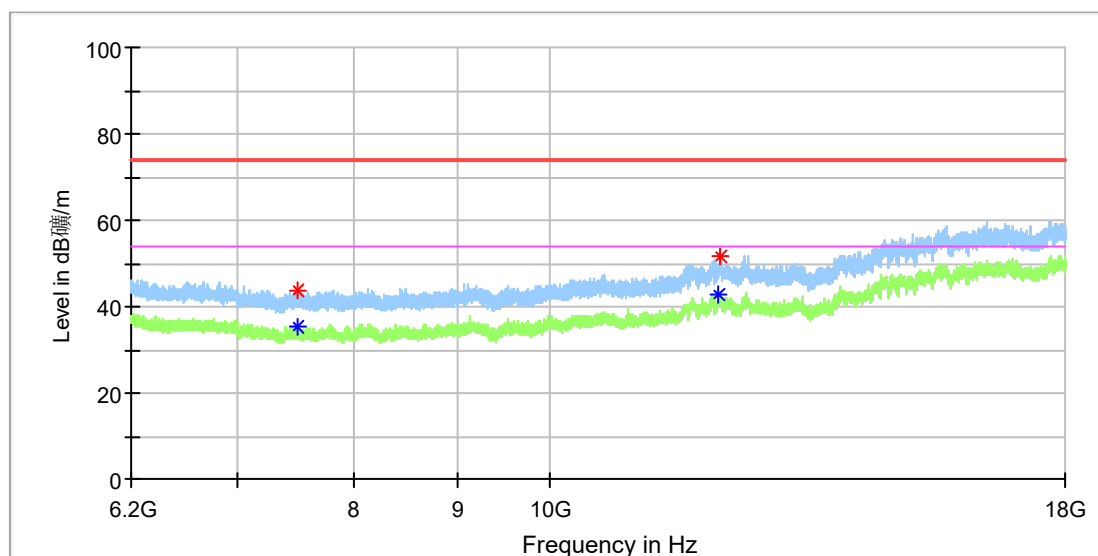
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1314.000000	---	31.02	54.00	22.98	150.0	V	18.0	2.9
1320.000000	41.84	---	74.00	32.16	150.0	V	0.0	2.9
2496.000000	47.82	---	74.00	26.18	150.0	V	193.0	9.0
2496.500000	---	37.33	54.00	16.67	150.0	V	108.0	9.0
5555.000000	53.99	---	74.00	20.01	150.0	V	73.0	15.3
5585.500000	---	43.31	54.00	10.69	150.0	V	289.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

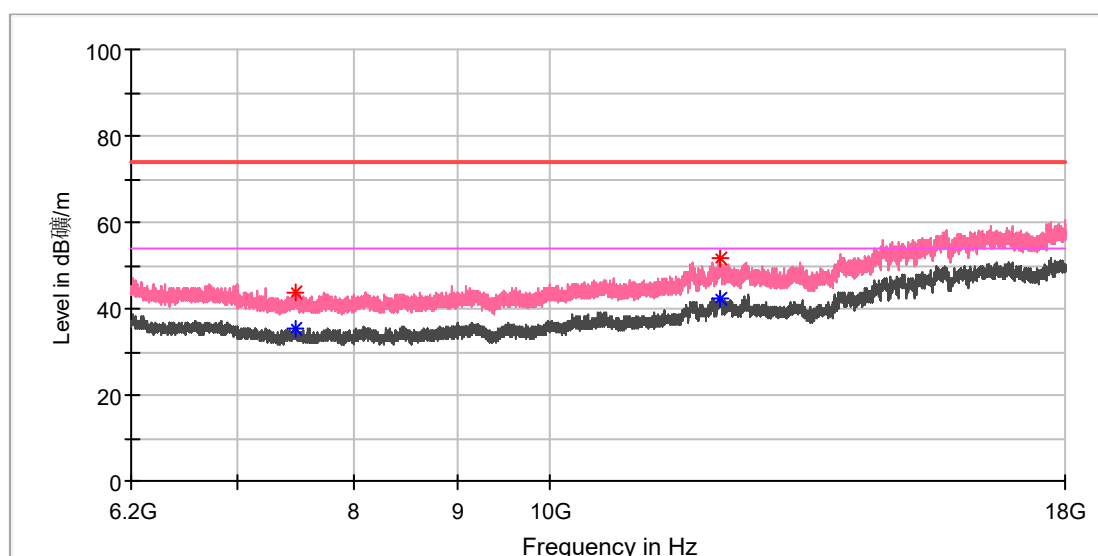
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7491.116667	---	35.13	54.00	18.87	150.0	H	313.0	8.7
7492.100000	43.74	---	74.00	30.26	150.0	H	281.0	8.7
12130.975000	---	42.88	54.00	11.12	150.0	H	0.0	16.2
12145.725000	51.71	---	74.00	22.29	150.0	H	222.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

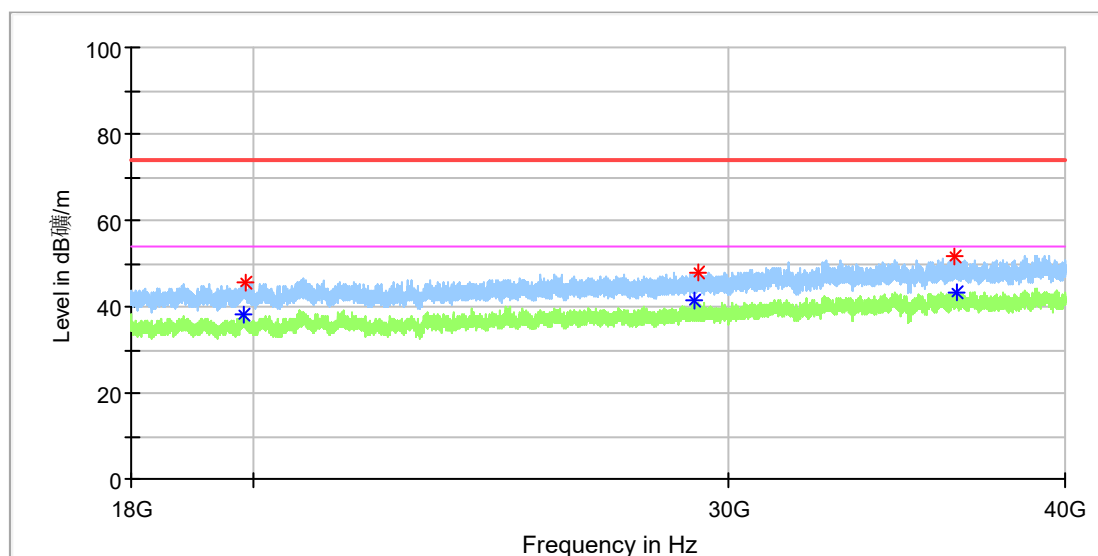
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7485.708333	43.63	---	74.00	30.37	150.0	V	2.0	8.7
7485.708333	---	35.48	54.00	18.52	150.0	V	2.0	8.7
12144.250000	51.73	---	74.00	22.27	150.0	V	213.0	16.6
12147.200000	---	42.55	54.00	11.45	150.0	V	93.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

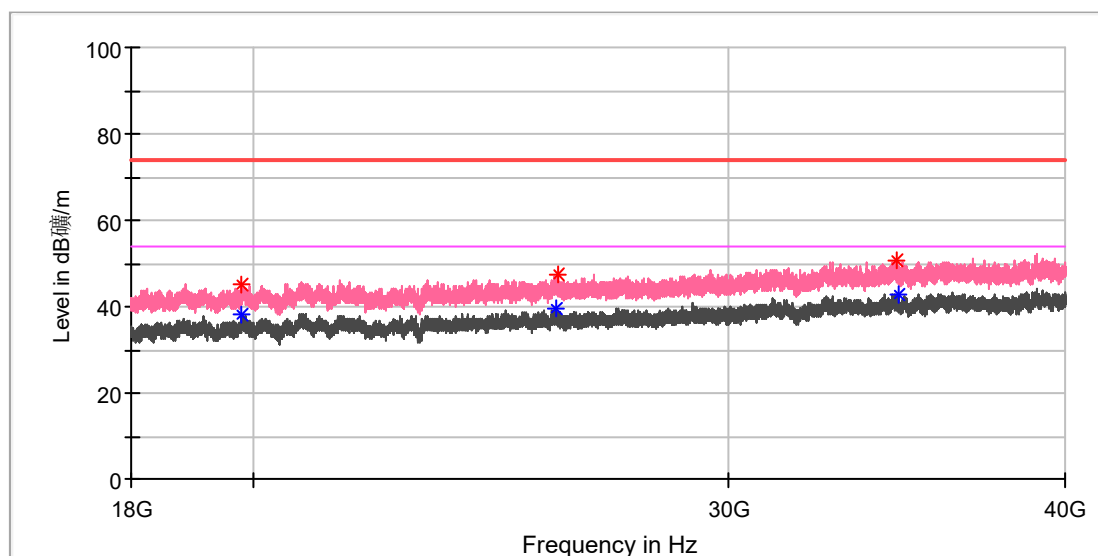
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19799.875000	---	38.05	54.00	15.95	150.0	H	74.0	-11.5
19839.750000	45.79	---	74.00	28.21	150.0	H	179.0	-11.5
29113.437500	---	41.41	54.00	12.59	150.0	H	272.0	-8.9
29255.750000	48.06	---	74.00	25.94	150.0	H	194.0	-9.0
36420.875000	51.56	---	74.00	22.44	150.0	H	210.0	-7.2
36469.687500	---	43.11	54.00	10.89	150.0	H	322.0	-7.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST B
Model:	HOST B
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965309-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19791.625000	45.22	---	74.00	28.78	150.0	V	211.0	-11.5
19791.625000	---	38.23	54.00	15.77	150.0	V	211.0	-11.5
25898.687500	---	39.51	54.00	14.49	150.0	V	197.0	-8.3
25925.500000	47.25	---	74.00	26.75	150.0	V	0.0	-8.3
34627.187500	50.51	---	74.00	23.49	150.0	V	54.0	-7.1
34676.000000	---	42.87	54.00	11.13	150.0	V	0.0	-7.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	49047.000	65.396	55.856	0.101	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49047.000	62.464	52.924	0.051	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	47712.000	66.261	56.721	0.123	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	47712.000	61.896	52.356	0.045	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	58778.000	76.046	66.506	1.168	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	58778.000	72.923	63.383	0.569	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62461.200	68.428	58.888	0.202	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62461.200	67.011	57.471	0.146	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	58215.900	65.751	56.211	0.109	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	58215.900	58.552	49.012	0.021	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	70207.500	65.780	56.24	0.110	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	70207.500	57.825	48.285	0.018	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	100032.000	69.009	59.469	0.231	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	100032.000	62.423	52.883	0.051	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	108162.500	69.055	59.515	0.233	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	108162.500	63.254	53.714	0.061	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	116576.000	72.917	63.377	0.568	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	116576.000	65.282	55.742	0.098	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	168374.000	73.435	63.895	0.640	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	168374.000	66.565	57.025	0.132	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	191648.000	75.013	65.473	0.921	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	191648.000	64.842	55.302	0.089	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	197303.000	75.219	65.679	0.965	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	197303.000	64.860	55.32	0.089	V	90	PASS

Note:

Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

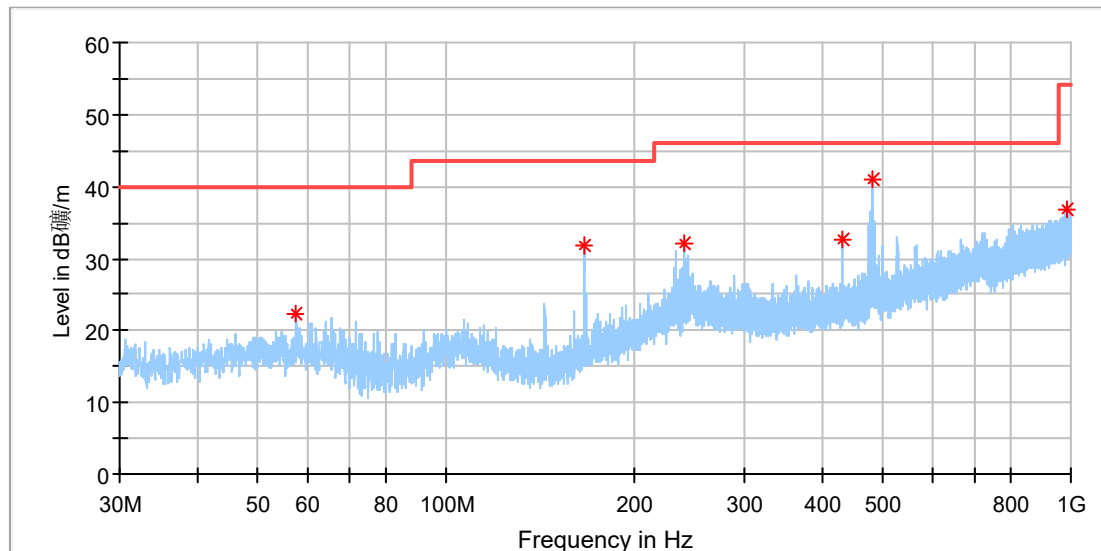
Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.4: Test Results of Field strength of harmonics in HOST C

Appendix A.4.1 Operation Frequency Range 57.0 - 61.56 GHz

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

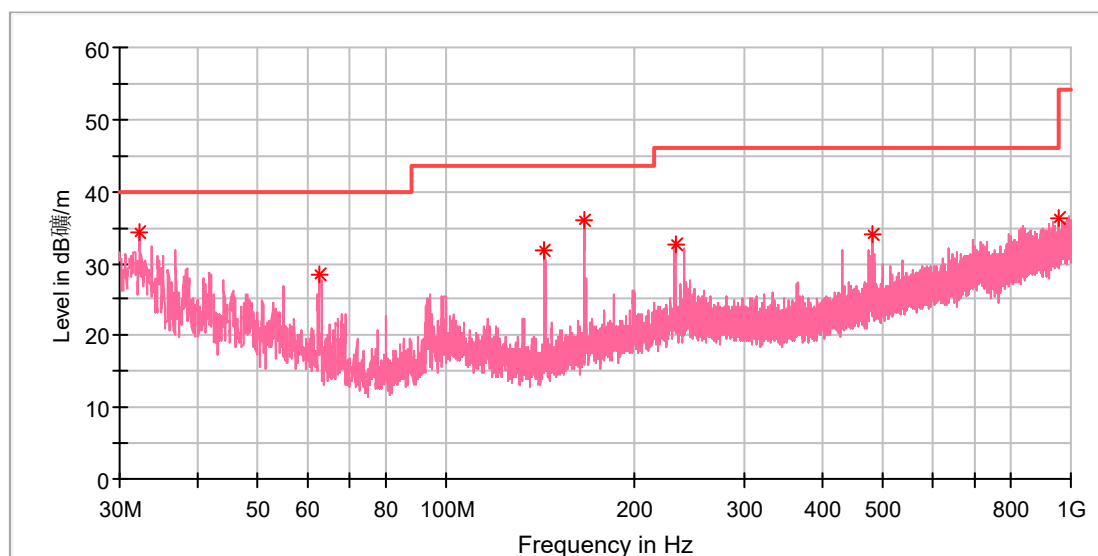
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.645000	22.26	40.00	17.74	100.0	H	0.0	-18.8
166.247692	31.78	43.50	11.72	100.0	H	24.0	-21.5
240.005000	32.21	46.00	13.79	100.0	H	318.0	-17.7
431.990385	32.75	46.00	13.25	100.0	H	278.0	-13.1
480.005385	41.08	46.00	4.92	100.0	H	293.0	-12.1
987.166154	36.91	54.00	17.09	100.0	H	133.0	-3.7

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

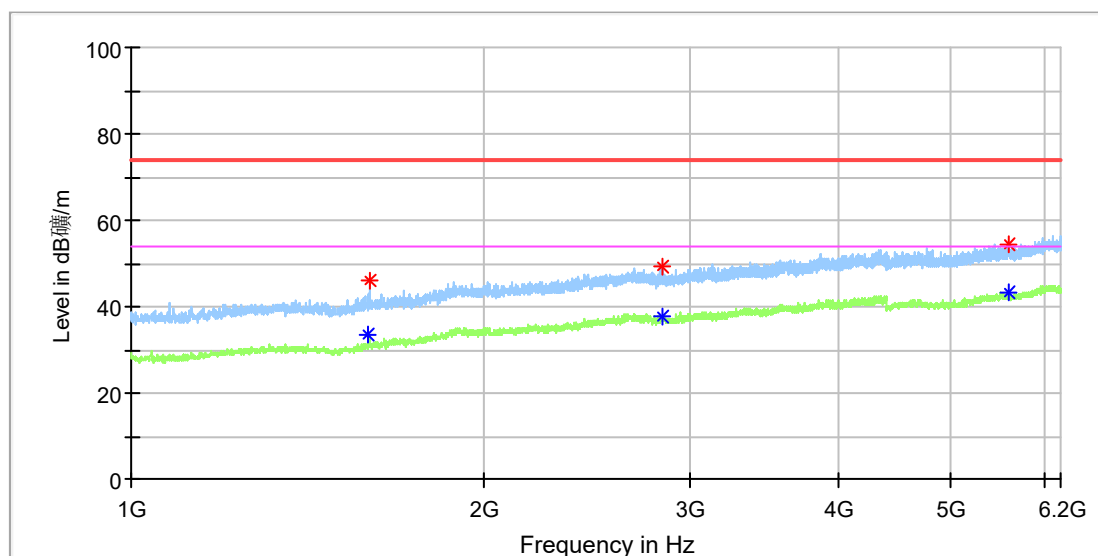
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.313077	34.25	40.00	5.75	100.0	V	161.0	-22.7
62.681539	28.33	40.00	11.67	100.0	V	70.0	-19.7
144.012308	31.68	43.50	11.82	100.0	V	325.0	-22.4
165.986539	36.03	43.50	7.47	100.0	V	349.0	-21.5
232.804615	32.63	46.00	13.37	100.0	V	77.0	-18.0
481.161923	34.04	46.00	11.96	100.0	V	334.0	-12.1
956.573846	36.33	46.00	9.67	100.0	V	86.0	-4.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

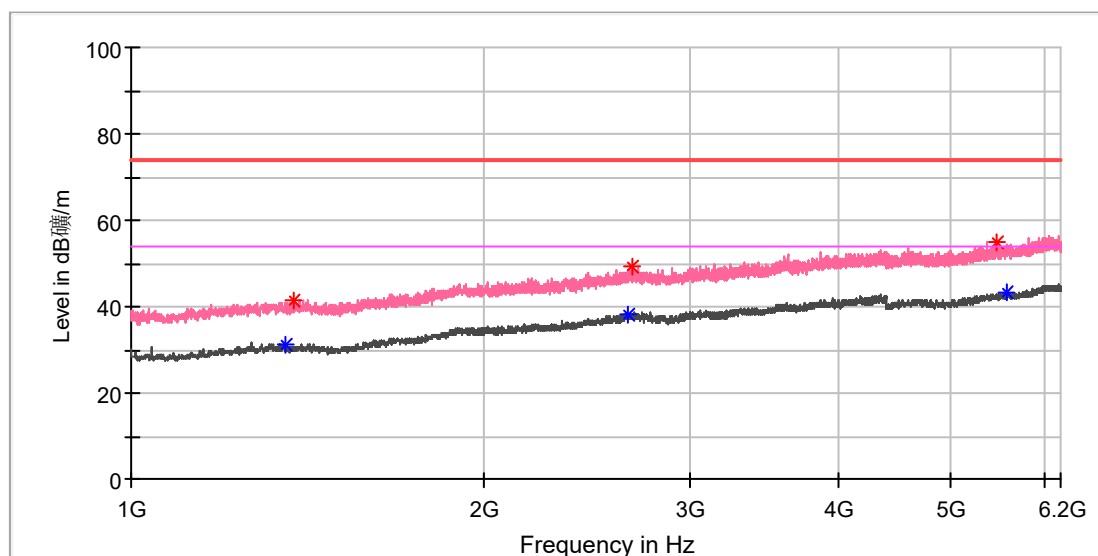
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.500000	---	33.60	54.00	20.40	150.0	H	306.0	3.8
1594.500000	46.02	---	74.00	27.98	150.0	H	306.0	3.8
2831.000000	49.14	---	74.00	24.86	150.0	H	264.0	9.7
2833.000000	---	37.71	54.00	16.29	150.0	H	314.0	9.7
5593.000000	---	43.16	54.00	10.84	150.0	H	2.0	15.3
5605.000000	54.22	---	74.00	19.78	150.0	H	29.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

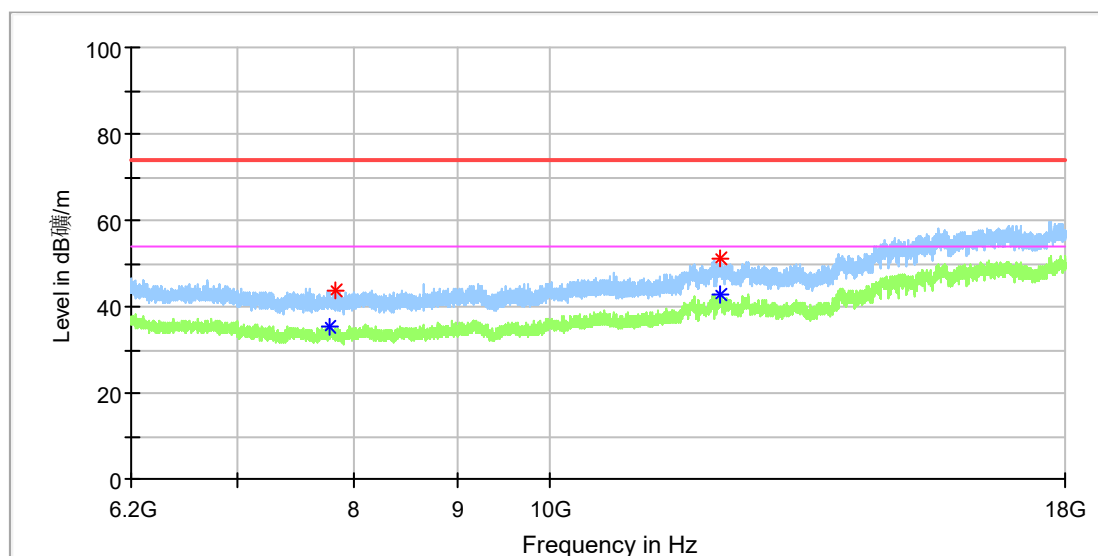
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1351.000000	---	31.35	54.00	22.65	150.0	V	213.0	3.1
1373.000000	41.61	---	74.00	32.39	150.0	V	299.0	3.0
2655.000000	---	38.34	54.00	15.66	150.0	V	279.0	10.2
2669.500000	49.16	---	74.00	24.84	150.0	V	292.0	10.2
5461.000000	55.07	---	74.00	18.93	150.0	V	35.0	15.1
5581.500000	---	43.38	54.00	10.62	150.0	V	22.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

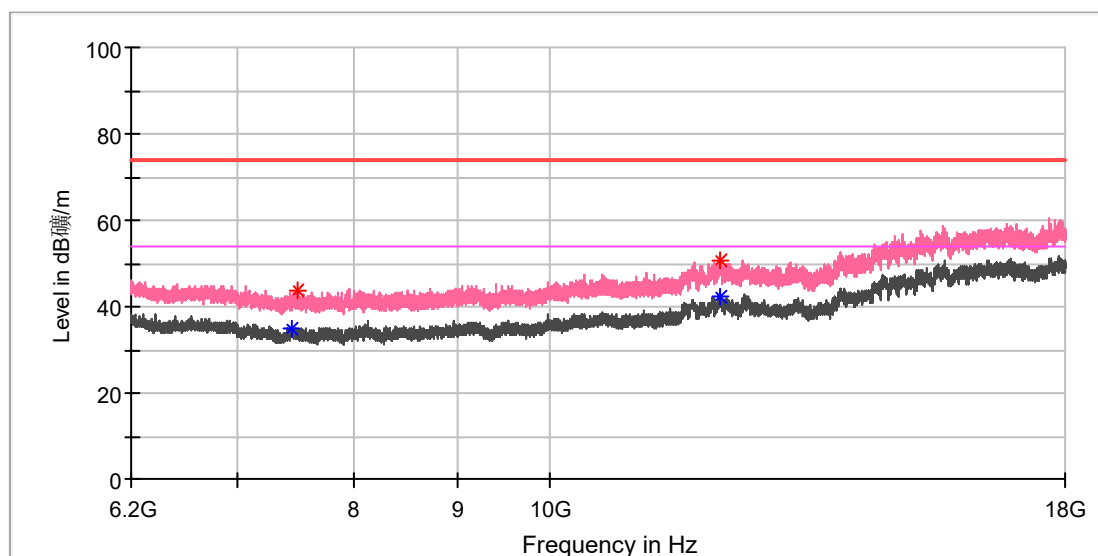
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7779.725000	---	35.23	54.00	18.77	150.0	H	165.0	8.9
7821.516667	43.69	---	74.00	30.31	150.0	H	150.0	8.8
12143.758333	51.28	---	74.00	22.72	150.0	H	40.0	16.6
12148.183333	---	42.62	54.00	11.38	150.0	H	122.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

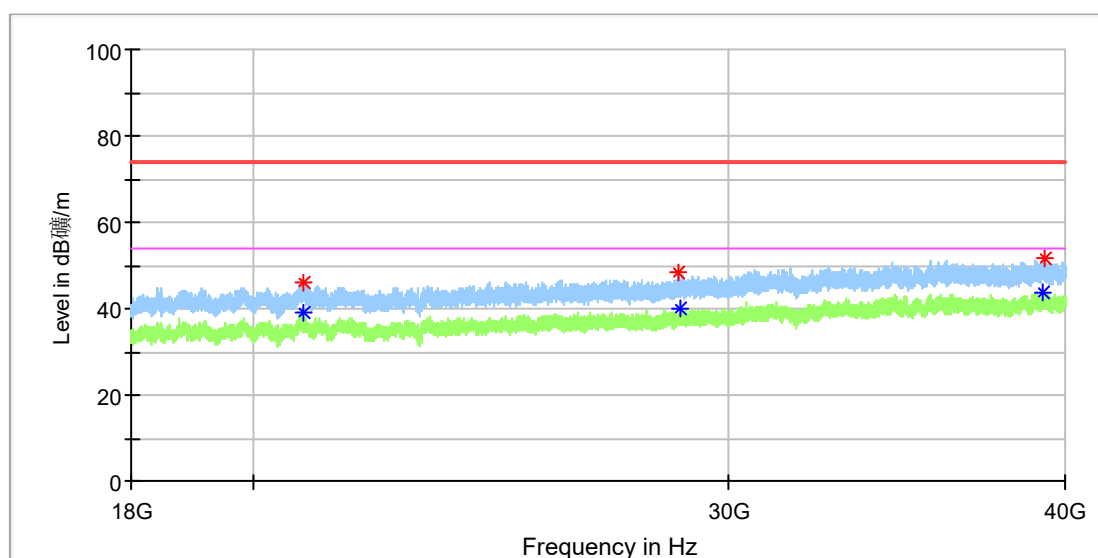
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7437.525000	---	35.01	54.00	18.99	150.0	V	295.0	8.4
7487.675000	43.58	---	74.00	30.42	150.0	V	60.0	8.7
12145.233333	---	42.43	54.00	11.57	150.0	V	356.0	16.6
12150.150000	50.83	---	74.00	23.17	150.0	V	32.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

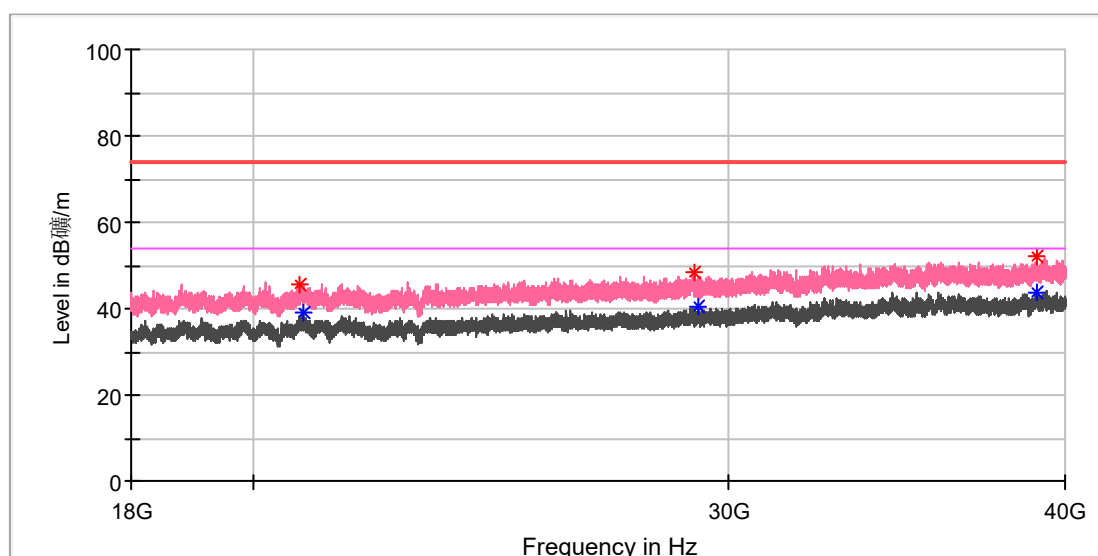
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20840.750000	---	38.90	54.00	15.10	150.0	H	104.0	-11.3
20856.562500	46.23	---	74.00	27.77	150.0	H	69.0	-11.3
28757.312500	48.17	---	74.00	25.83	150.0	H	322.0	-8.9
28791.687500	---	40.14	54.00	13.86	150.0	H	210.0	-8.9
39240.312500	---	43.55	54.00	10.45	150.0	H	55.0	-5.1
39346.875000	51.57	---	74.00	22.43	150.0	H	210.0	-5.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20795.375000	45.44	---	74.00	28.56	150.0	V	48.0	-11.2
20850.375000	---	38.91	54.00	15.09	150.0	V	305.0	-11.3
29138.875000	48.42	---	74.00	25.58	150.0	V	0.0	-8.9
29214.500000	---	40.27	54.00	13.73	150.0	V	0.0	-8.9
39025.125000	---	43.60	54.00	10.40	150.0	V	93.0	-5.1
39051.937500	51.98	---	74.00	22.02	150.0	V	33.0	-5.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	50000.000	69.553	60.013	0.262	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	50000.000	65.833	56.293	0.111	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	48927.000	69.599	60.059	0.265	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48927.000	66.717	57.177	0.136	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57832.850	70.990	61.45	0.365	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57832.850	68.052	58.512	0.185	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62975.700	73.493	63.953	0.649	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62975.700	69.556	60.016	0.262	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57558.720	69.446	59.906	0.255	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57558.720	62.112	52.572	0.047	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62973.010	73.832	64.292	0.701	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62973.010	69.857	60.317	0.281	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	94596.500	73.454	63.914	0.643	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	94596.500	67.589	58.049	0.167	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	102923.000	73.544	64.004	0.656	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	102923.000	67.421	57.881	0.160	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	158924.000	76.363	66.823	1.256	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	158924.000	69.690	60.15	0.270	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	150266.000	76.686	67.146	1.353	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	150266.000	69.620	60.08	0.266	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	197297.000	78.750	69.21	2.177	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	197297.000	68.951	59.411	0.228	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	194411.000	78.819	69.279	2.211	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	194411.000	69.149	59.609	0.239	V	90	PASS

Note:

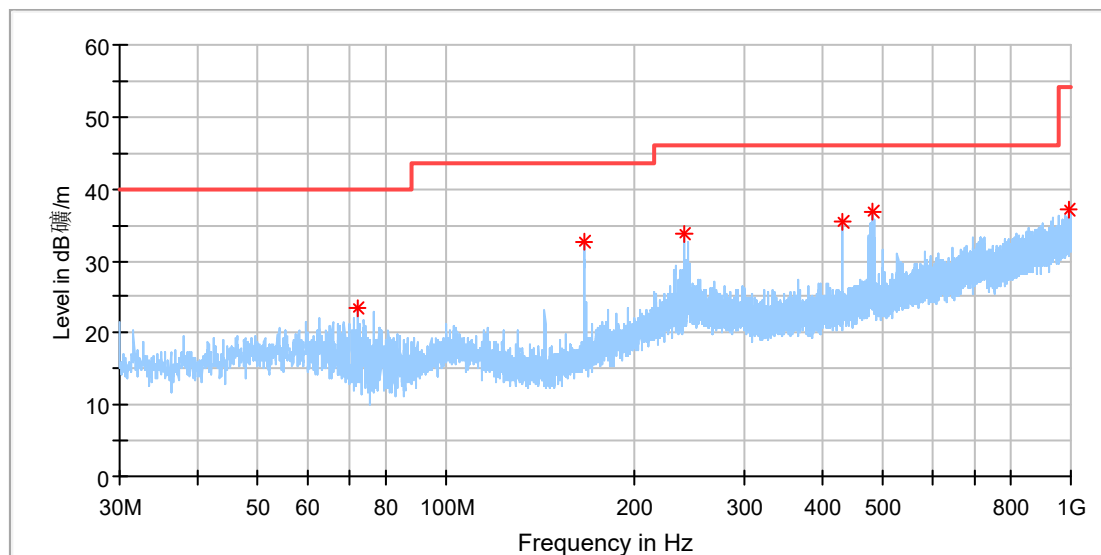
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

Power Density = (10⁸ / 377) * {10[^][(Measure Level @3m -120) / 20]}²

Appendix A.4.2 Operation Frequency Range 61 - 61.5 GHz

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

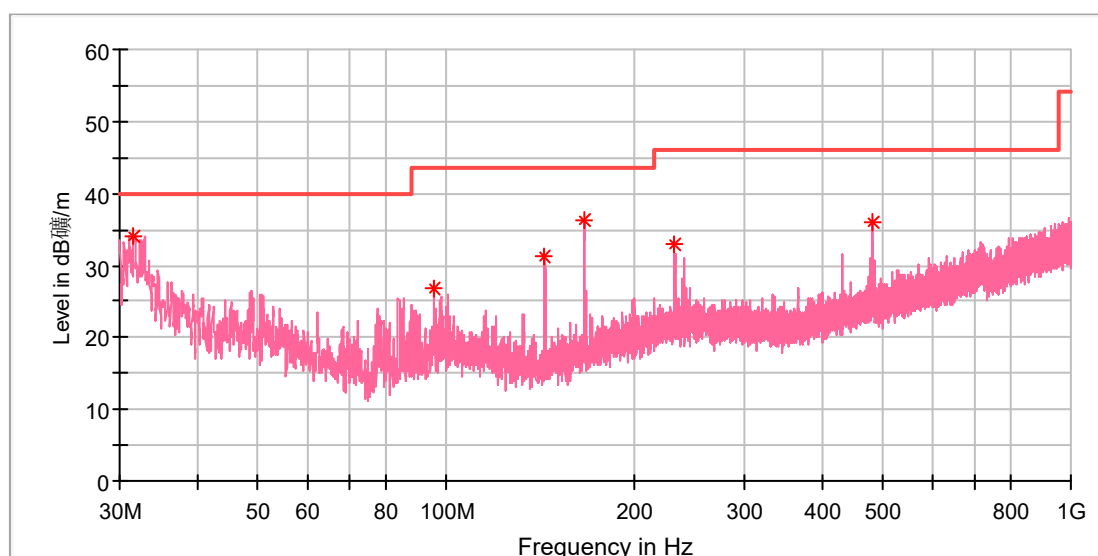
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
72.381539	23.56	40.00	16.44	100.0	H	45.0	-22.7
166.247692	32.52	43.50	10.98	100.0	H	29.0	-21.5
239.967692	33.85	46.00	12.15	100.0	H	338.0	-17.7
431.990385	35.35	46.00	10.65	100.0	H	283.0	-13.1
482.355769	36.92	46.00	9.08	100.0	H	292.0	-12.1
994.926154	37.17	54.00	16.83	100.0	H	121.0	-3.5

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: HOST C
Model: HOST C
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: 168546136/A003965300-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

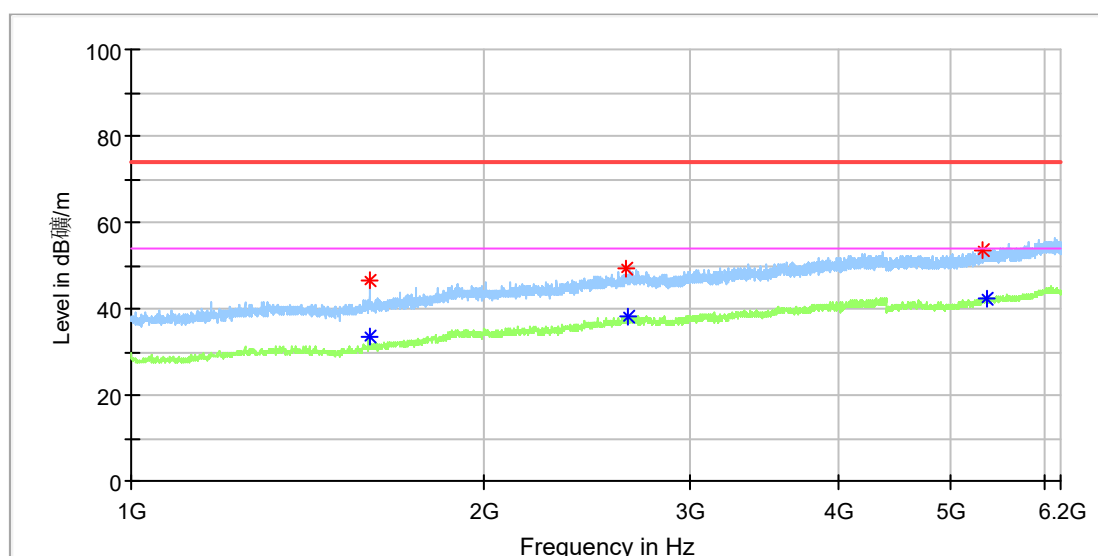
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.678846	34.18	40.00	5.82	100.0	V	125.0	-22.8
95.624231	26.83	43.50	16.67	100.0	V	84.0	-19.8
144.012308	31.31	43.50	12.19	100.0	V	338.0	-22.4
165.986539	36.21	43.50	7.30	100.0	V	345.0	-21.5
232.394231	32.98	46.00	13.02	100.0	V	59.0	-18.1
480.005385	35.99	46.00	10.01	100.0	V	345.0	-12.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

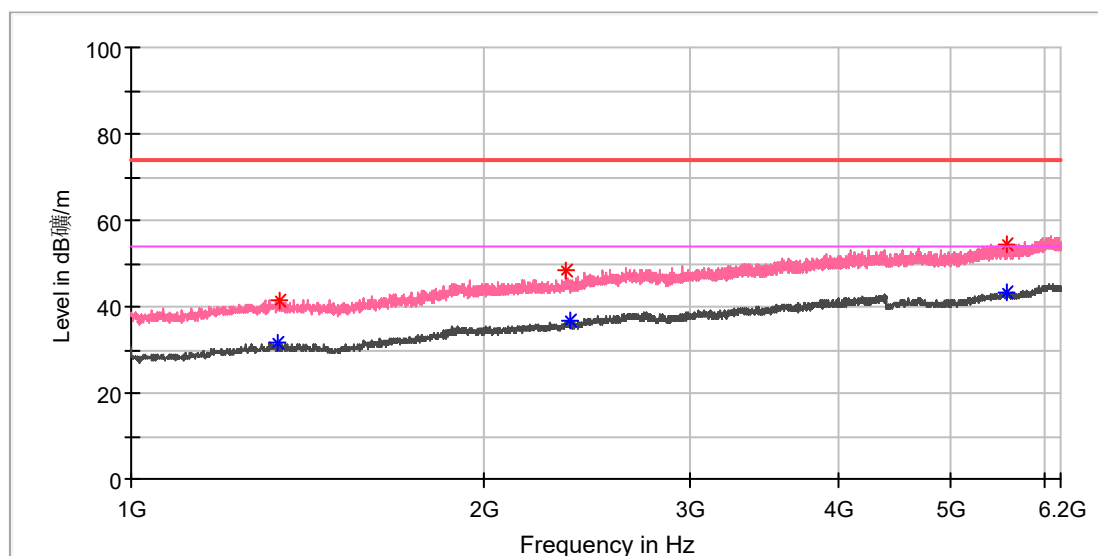
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.000000	---	33.40	54.00	20.60	150.0	H	291.0	3.8
1597.500000	46.32	---	74.00	27.68	150.0	H	276.0	3.8
2641.000000	49.37	---	74.00	24.63	150.0	H	347.0	10.0
2648.000000	---	37.95	54.00	16.05	150.0	H	258.0	10.1
5324.500000	53.65	---	74.00	20.35	150.0	H	135.0	14.6
5368.000000	---	42.49	54.00	11.51	150.0	H	35.0	14.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

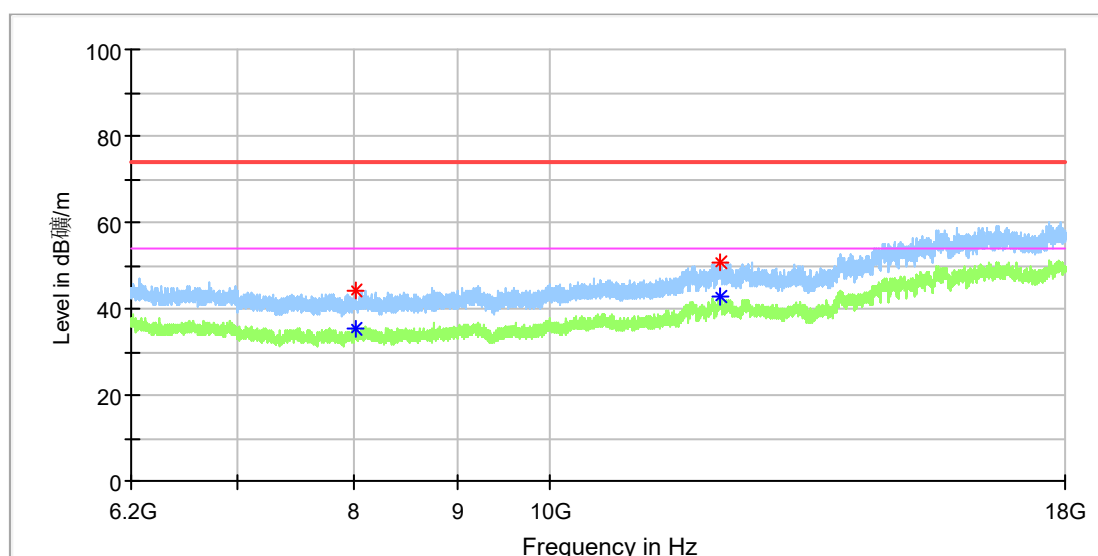
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1333.000000	---	31.40	54.00	22.60	150.0	V	201.0	3.0
1338.000000	41.20	---	74.00	32.80	150.0	V	357.0	3.0
2345.000000	48.45	---	74.00	25.55	150.0	V	129.0	8.4
2363.000000	---	36.61	54.00	17.39	150.0	V	293.0	8.5
5580.000000	---	43.22	54.00	10.78	150.0	V	31.0	15.3
5582.000000	54.46	---	74.00	19.54	150.0	V	265.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

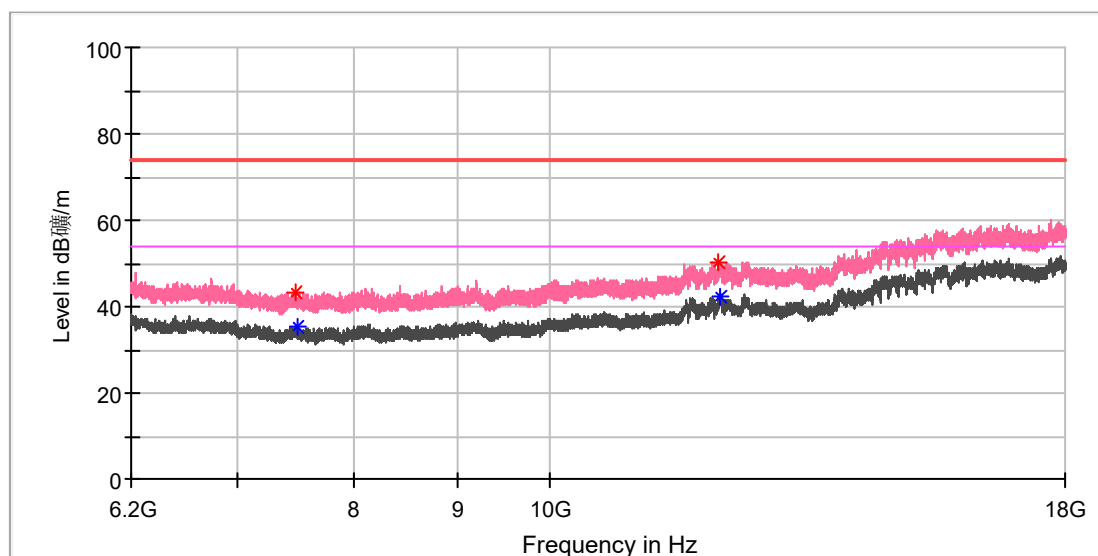
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8015.725000	---	35.43	54.00	18.57	150.0	H	321.0	8.9
8016.708333	44.16	---	74.00	29.84	150.0	H	139.0	8.9
12138.350000	---	42.72	54.00	11.28	150.0	H	256.0	16.4
12141.300000	50.62	---	74.00	23.38	150.0	H	215.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

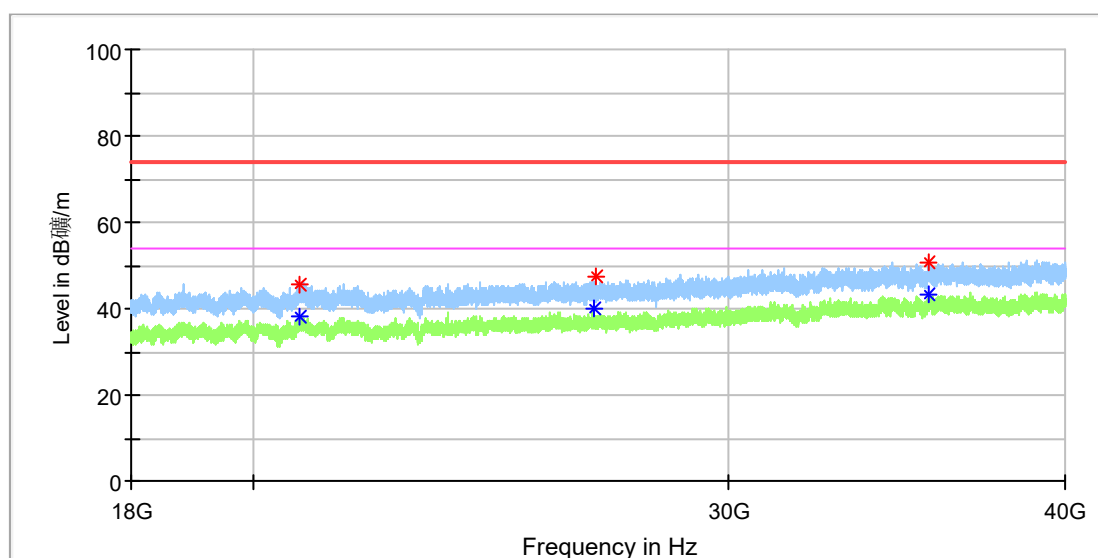
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7475.875000	43.22	---	74.00	30.78	150.0	V	313.0	8.6
7495.050000	---	35.49	54.00	18.51	150.0	V	169.0	8.7
12122.616667	50.41	---	74.00	23.59	150.0	V	210.0	16.0
12145.725000	---	42.35	54.00	11.65	150.0	V	282.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

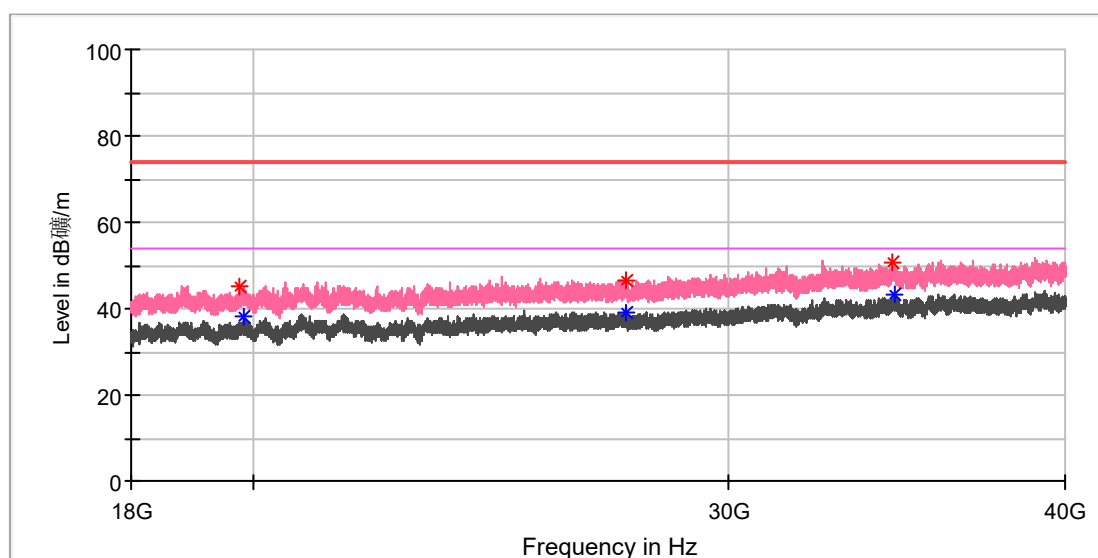
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20781.625000	45.59	---	74.00	28.41	150.0	H	124.0	-11.2
20795.375000	---	37.92	54.00	16.08	150.0	H	43.0	-11.2
26729.187500	---	40.07	54.00	13.93	150.0	H	216.0	-8.5
26800.687500	47.43	---	74.00	26.57	150.0	H	0.0	-8.3
35578.687500	50.47	---	74.00	23.53	150.0	H	93.0	-6.6
35617.875000	---	43.32	54.00	10.68	150.0	H	262.0	-6.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST C
Model:	HOST C
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965300-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19743.500000	44.91	---	74.00	29.09	150.0	V	199.0	-11.4
19808.812500	---	38.03	54.00	15.97	150.0	V	276.0	-11.5
27462.750000	46.59	---	74.00	27.41	150.0	V	334.0	-9.1
27479.250000	---	39.01	54.00	15.00	150.0	V	305.0	-9.1
34543.312500	50.77	---	74.00	23.23	150.0	V	262.0	-7.2
34599.687500	---	43.20	54.00	10.80	150.0	V	305.0	-7.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	49598.000	65.708	56.168	0.108	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49598.000	61.794	52.254	0.044	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	48016.000	65.465	55.925	0.102	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48016.000	62.150	52.61	0.048	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	60985.700	67.325	57.785	0.157	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	60985.700	75.226	65.686	0.967	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62462.550	73.321	63.781	0.624	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62462.550	66.383	56.843	0.126	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	58776.900	67.582	58.042	0.166	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	58776.900	66.810	57.27	0.139	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	74079.300	66.071	56.531	0.117	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	74079.300	57.424	47.884	0.016	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	109181.000	69.203	59.663	0.242	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	109181.000	62.917	53.377	0.057	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	87425.000	68.586	59.046	0.210	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	87425.000	65.097	55.557	0.094	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	164474.000	72.812	63.272	0.555	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	164474.000	66.643	57.103	0.134	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	162914.000	73.122	63.582	0.596	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	162914.000	66.587	57.047	0.132	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	197723.000	75.516	65.976	1.034	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	197723.000	65.755	56.215	0.109	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	179819.000	75.028	65.488	0.924	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	179819.000	64.337	54.797	0.079	V	90	PASS

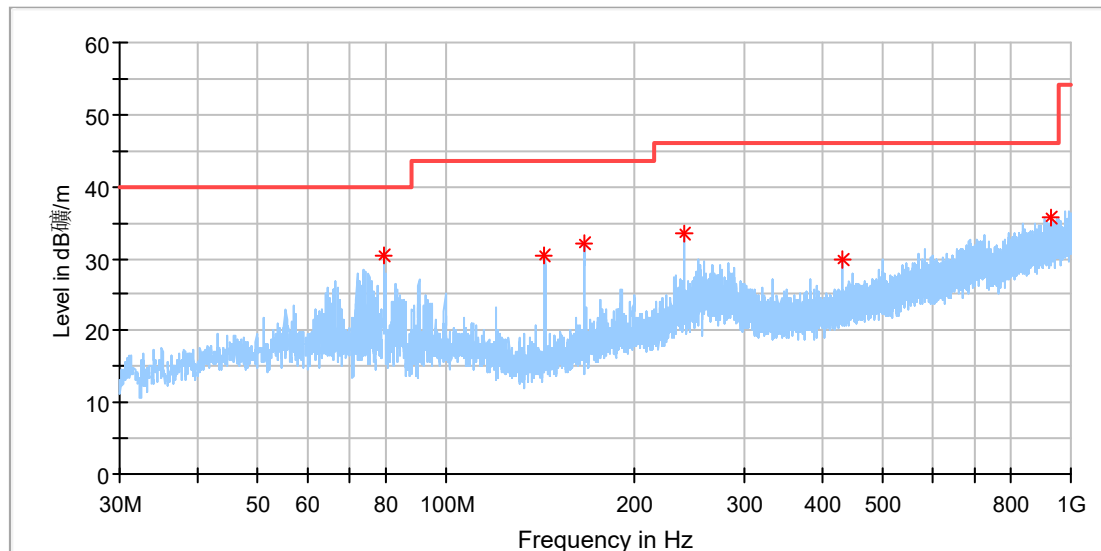
Note:
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)
Power Density = (10⁸ / 377) * {10[^][(Measure Level @3m -120) / 20]}²

Appendix A.5: Test Results of Field strength of harmonics in HOST D

Appendix A.5.1 Operation Frequency Range 57.0 - 61.56 GHz

EUT Information

EUT Name: HOST D
Model: HOST D
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965282-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

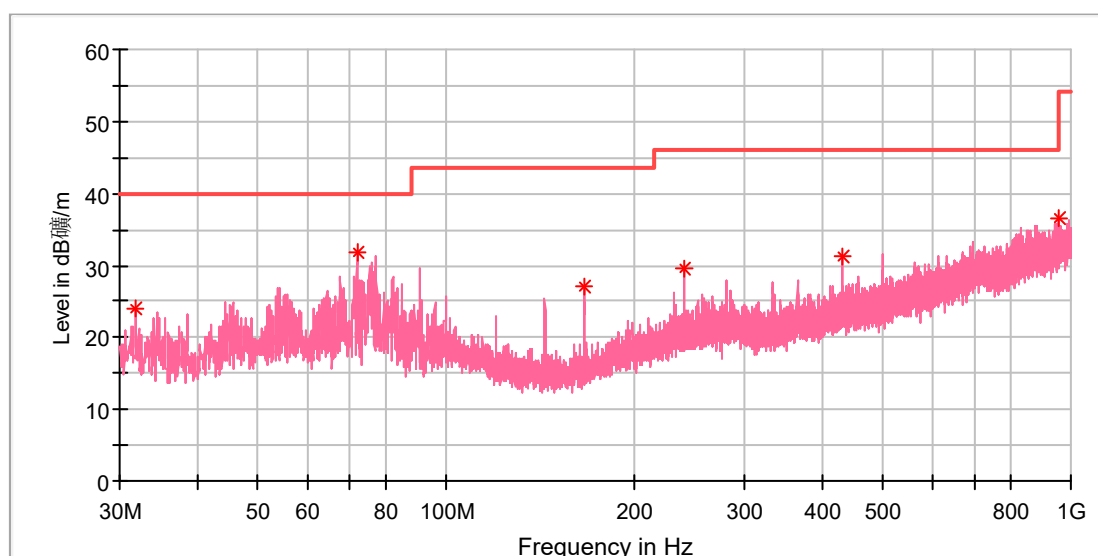
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
79.358077	30.55	40.00	9.45	100.0	H	112.0	-23.6
144.012308	30.44	43.50	13.06	100.0	H	217.0	-22.4
165.986539	32.10	43.50	11.40	100.0	H	233.0	-21.5
240.005000	33.62	46.00	12.38	100.0	H	120.0	-17.7
432.027692	29.80	46.00	16.20	100.0	H	0.0	-13.1
928.331923	35.66	46.00	10.34	100.0	H	233.0	-4.5

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: HOST D
Model: HOST D
Test Mode: 57.0GHz - 61.56GHz operation mode
Order No/Sample No: 168546136/A003965282-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

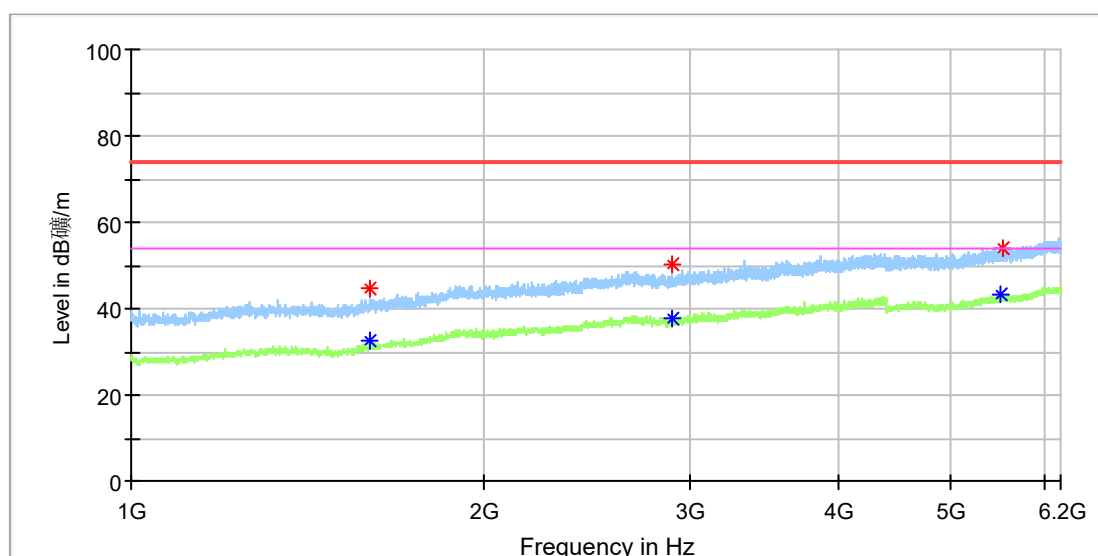
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.865385	23.99	40.00	16.01	100.0	V	297.0	-22.7
72.008462	31.78	40.00	8.22	100.0	V	224.0	-22.6
165.986539	26.99	43.50	16.51	100.0	V	280.0	-21.5
240.005000	29.51	46.00	16.49	100.0	V	183.0	-17.7
431.990385	31.25	46.00	14.75	100.0	V	86.0	-13.1
953.290769	36.45	46.00	9.55	100.0	V	176.0	-4.2

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

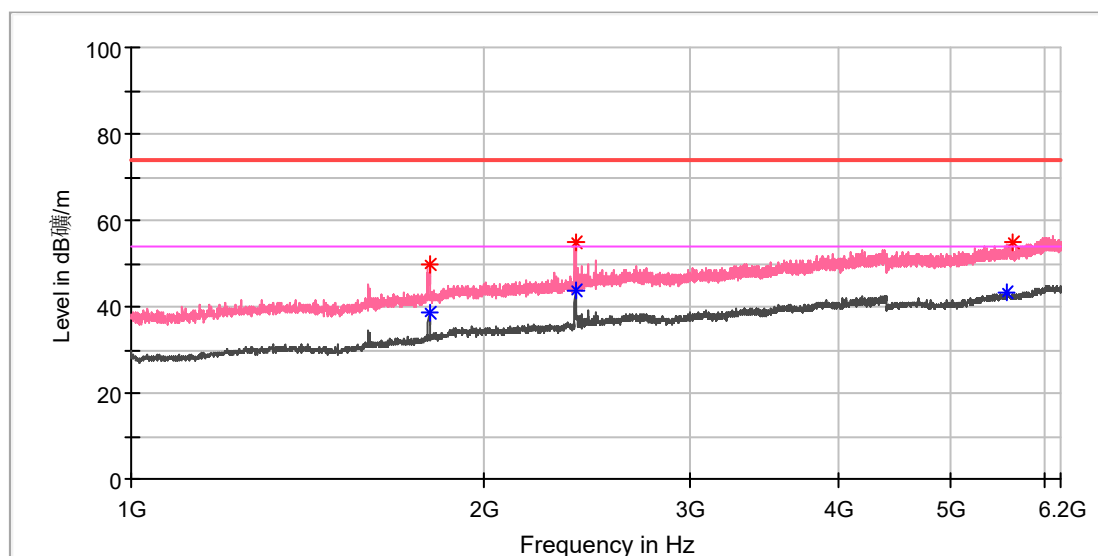
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.000000	44.57	---	74.00	29.43	150.0	H	292.0	3.8
1595.500000	---	32.50	54.00	21.50	150.0	H	39.0	3.8
2889.500000	50.29	---	74.00	23.71	150.0	H	213.0	9.9
2893.500000	---	37.58	54.00	16.42	150.0	H	353.0	9.9
5504.500000	---	43.13	54.00	10.87	150.0	H	312.0	15.2
5529.000000	54.00	---	74.00	20.00	150.0	H	312.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

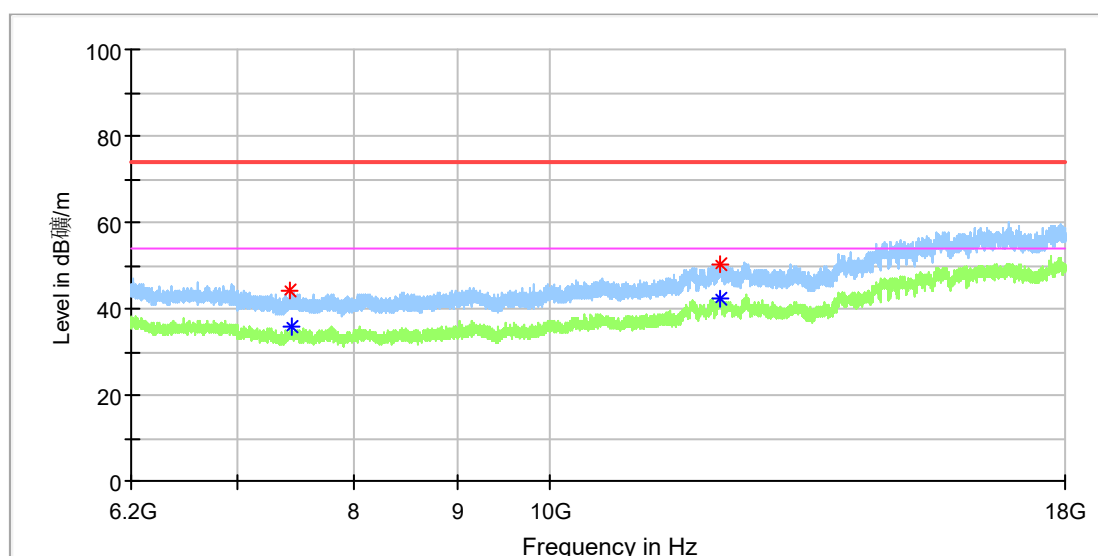
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1793.500000	49.75	---	74.00	24.25	150.0	V	233.0	5.7
1793.500000	---	38.80	54.00	15.20	150.0	V	233.0	5.7
2389.500000	---	43.83	54.00	10.17	150.0	V	250.0	8.5
2390.500000	54.95	---	74.00	19.05	150.0	V	250.0	8.5
5585.000000	---	43.03	54.00	10.97	150.0	V	161.0	15.3
5648.500000	54.83	---	74.00	19.17	150.0	V	278.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

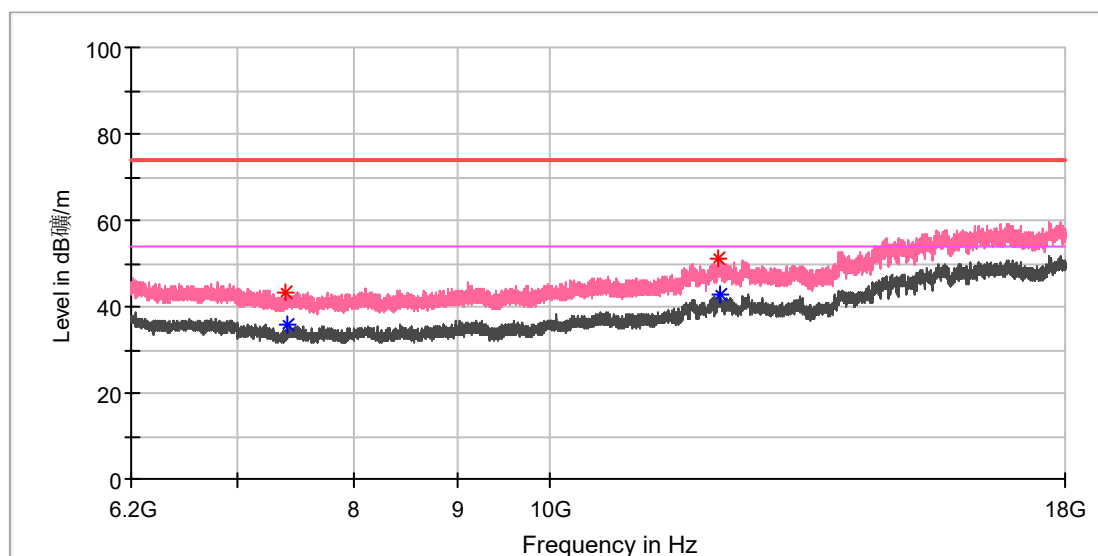
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7431.625000	44.14	---	74.00	29.86	150.0	H	165.0	8.4
7449.325000	---	35.96	54.00	18.04	150.0	H	0.0	8.5
12133.925000	---	42.19	54.00	11.81	150.0	H	62.0	16.3
12140.316667	50.37	---	74.00	23.63	150.0	H	118.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

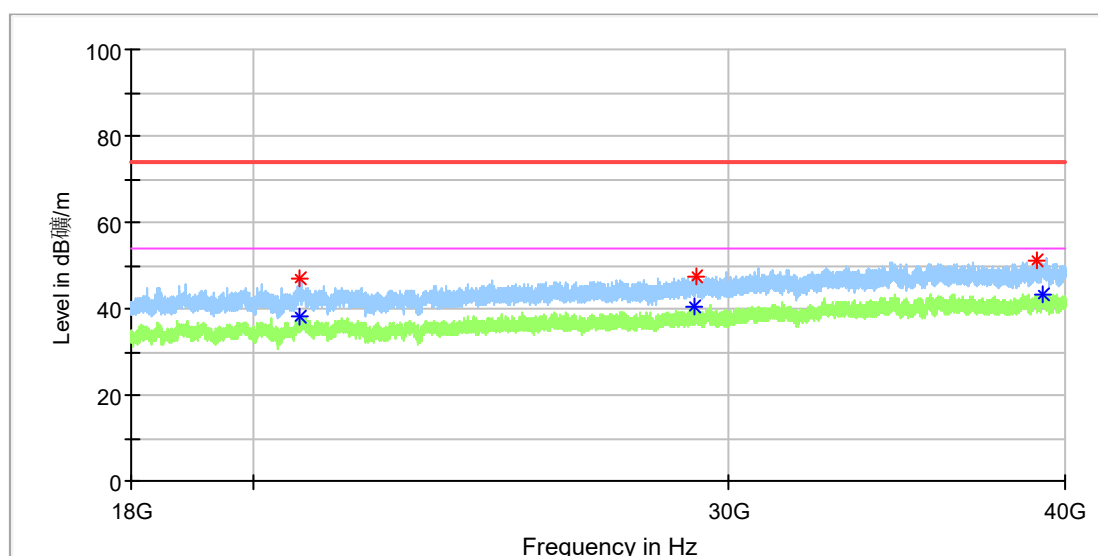
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7395.733333	43.31	---	74.00	30.69	150.0	V	35.0	8.3
7407.533333	---	35.70	54.00	18.30	150.0	V	329.0	8.3
12130.975000	51.15	---	74.00	22.85	150.0	V	329.0	16.2
12147.200000	---	42.78	54.00	11.22	150.0	V	319.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

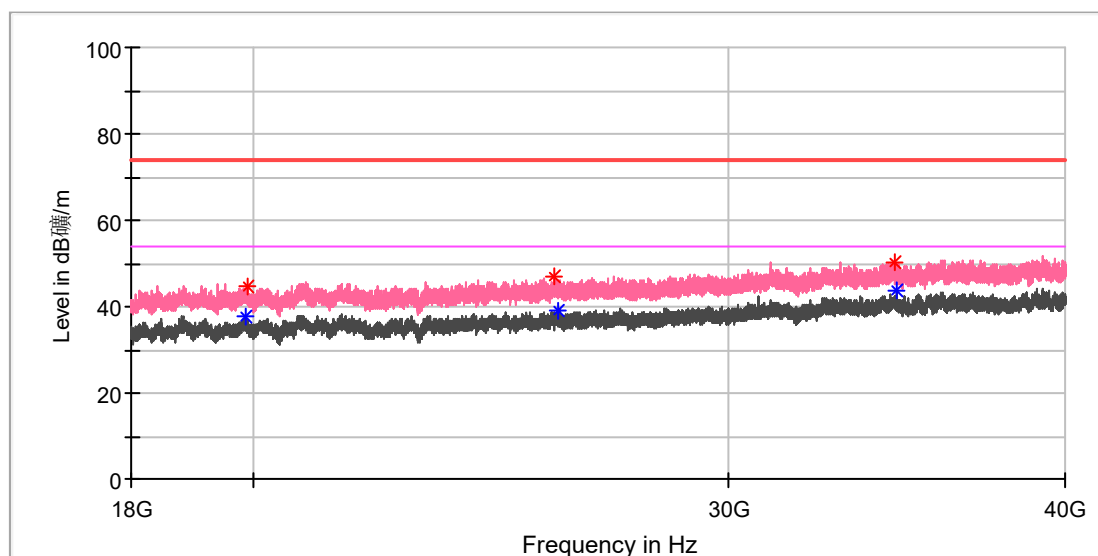
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20783.000000	47.11	---	74.00	26.89	150.0	H	257.0	-11.2
20796.750000	---	38.11	54.00	15.89	150.0	H	41.0	-11.2
29125.125000	---	40.69	54.00	13.31	150.0	H	142.0	-8.9
29180.125000	47.47	---	74.00	26.53	150.0	H	158.0	-8.9
39051.250000	51.36	---	74.00	22.64	150.0	H	26.0	-5.0
39271.937500	---	43.38	54.00	10.62	150.0	H	225.0	-5.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	57.0GHz - 61.56GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19831.500000	---	37.69	54.00	16.31	150.0	V	0.0	-11.5
19874.125000	44.57	---	74.00	29.43	150.0	V	356.0	-11.5
25840.250000	47.05	---	74.00	26.95	150.0	V	319.0	-8.3
25910.375000	---	39.21	54.00	14.79	150.0	V	118.0	-8.3
34566.687500	50.11	---	74.00	23.89	150.0	V	0.0	-7.2
34612.062500	---	43.58	54.00	10.42	150.0	V	214.0	-7.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	49009.000	69.810	60.27	0.278	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49009.000	66.327	56.787	0.125	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	47095.000	69.351	59.811	0.250	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	47095.000	65.906	56.366	0.113	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57897.630	70.463	60.923	0.323	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57897.630	71.350	61.81	0.396	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62978.390	70.617	61.077	0.335	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62978.390	69.644	60.104	0.267	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	57729.360	69.901	60.361	0.284	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	57729.360	63.538	53.998	0.066	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62971.665	73.527	63.987	0.654	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62971.665	69.937	60.397	0.286	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	102167.000	72.728	63.188	0.544	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	102167.000	66.386	56.846	0.126	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	108827.500	73.020	63.48	0.582	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	108827.500	65.863	56.323	0.112	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	162986.000	77.260	67.72	1.544	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	162986.000	70.771	61.231	0.347	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	167204.000	76.626	67.086	1.335	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	167204.000	70.083	60.543	0.296	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	187391.000	79.187	69.647	2.407	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	187391.000	68.385	58.845	0.200	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	194423.000	79.030	69.49	2.321	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	194423.000	68.577	59.037	0.209	V	90	PASS

Note:

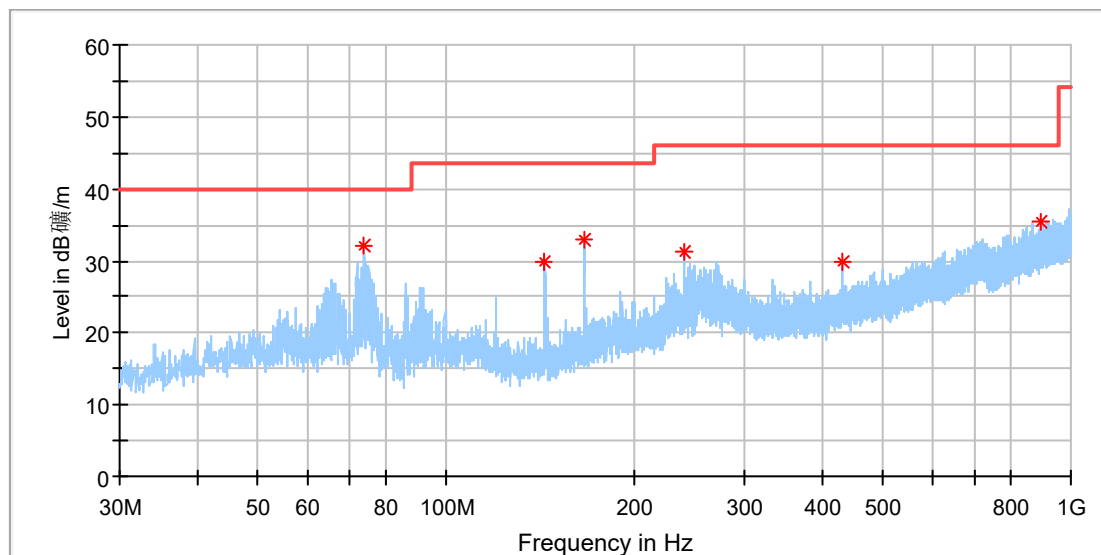
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.5.2 Operation Frequency Range 61 - 61.5 GHz

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

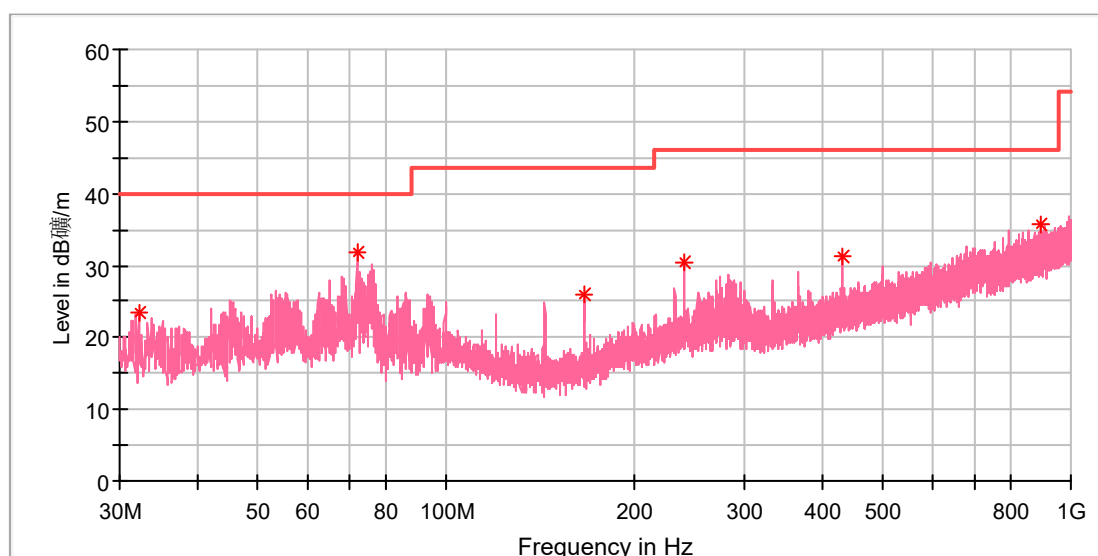
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
74.097692	32.07	40.00	7.93	100.0	H	119.0	-23.2
144.012308	29.76	43.50	13.74	100.0	H	227.0	-22.4
165.986539	32.92	43.50	10.58	100.0	H	243.0	-21.5
240.005000	31.24	46.00	14.76	100.0	H	283.0	-17.7
431.990385	29.89	46.00	16.11	100.0	H	299.0	-13.1
898.299231	35.55	46.00	10.45	100.0	H	251.0	-4.8

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: HOST D
Model: HOST D
Test Mode: 61.0GHz - 61.5GHz operation mode
Order No/Sample No: 168546136/A003965282-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

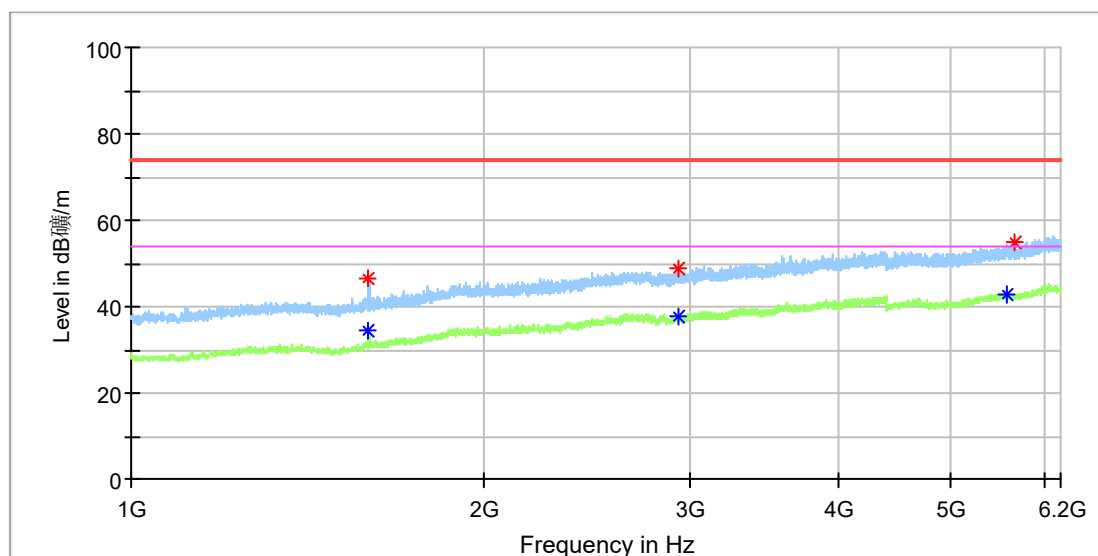
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.238462	23.32	40.00	16.68	100.0	V	300.0	-22.7
72.008462	31.77	40.00	8.23	100.0	V	316.0	-22.6
165.986539	25.94	43.50	17.56	100.0	V	103.0	-21.5
240.005000	30.53	46.00	15.47	100.0	V	110.0	-17.7
432.027692	31.21	46.00	14.79	100.0	V	87.0	-13.1
894.568462	35.68	46.00	10.32	100.0	V	134.0	-4.9

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

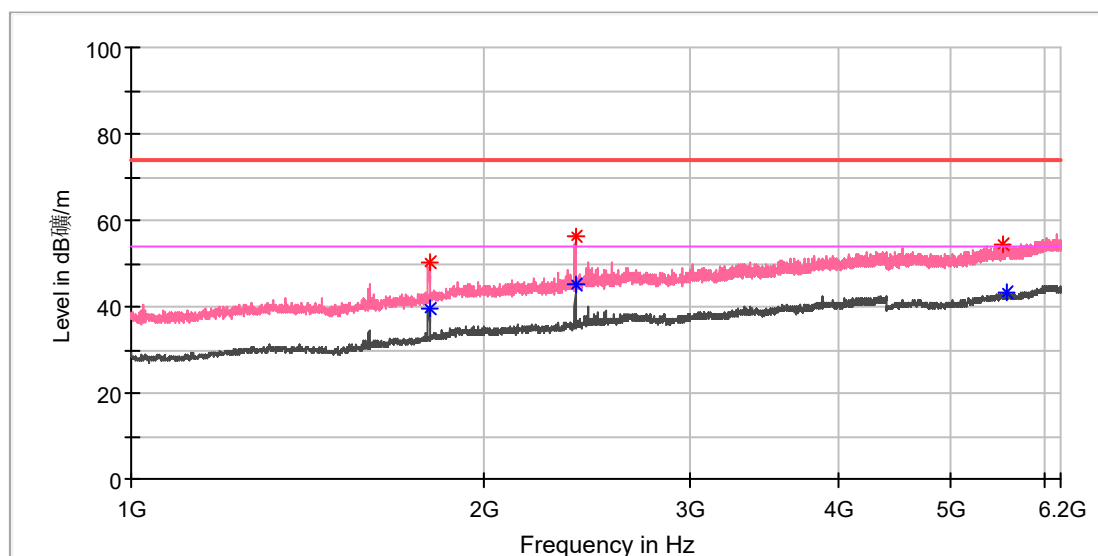
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.000000	46.40	---	74.00	27.60	150.0	H	250.0	3.8
1593.000000	---	34.29	54.00	19.71	150.0	H	250.0	3.8
2921.000000	49.03	---	74.00	24.97	150.0	H	166.0	10.0
2921.500000	---	37.80	54.00	16.20	150.0	H	11.0	10.0
5582.500000	---	42.95	54.00	11.05	150.0	H	99.0	15.3
5671.000000	54.67	---	74.00	19.33	150.0	H	29.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

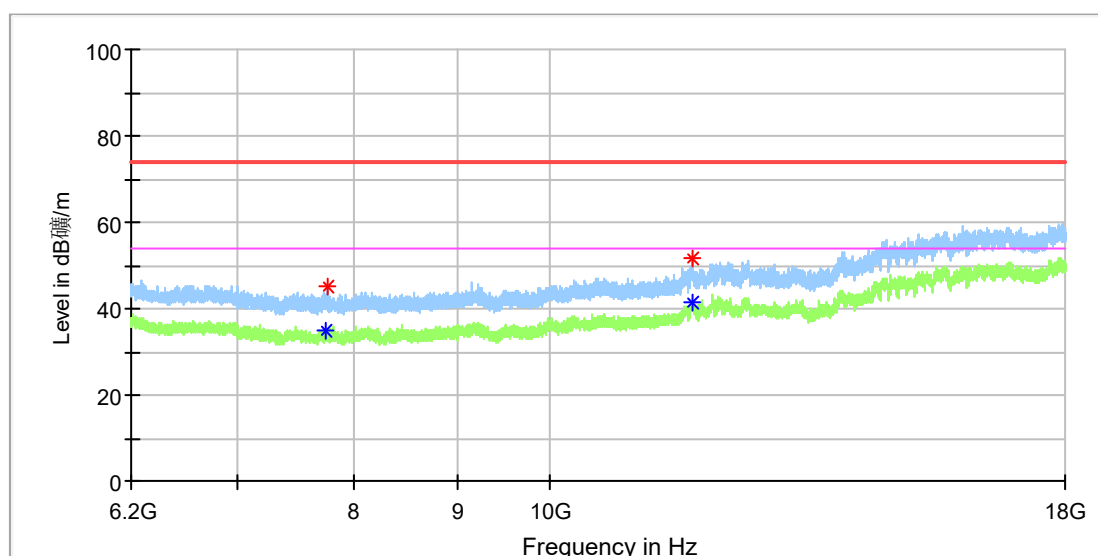
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1795.000000	50.06	---	74.00	23.94	150.0	V	247.0	5.8
1795.500000	---	39.70	54.00	14.30	150.0	V	247.0	5.8
2394.500000	56.44	---	74.00	17.56	150.0	V	260.0	8.5
2394.500000	---	44.91	54.00	9.09	150.0	V	260.0	8.5
5524.000000	54.36	---	74.00	19.64	150.0	V	335.0	15.2
5586.000000	---	43.45	54.00	10.55	150.0	V	310.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

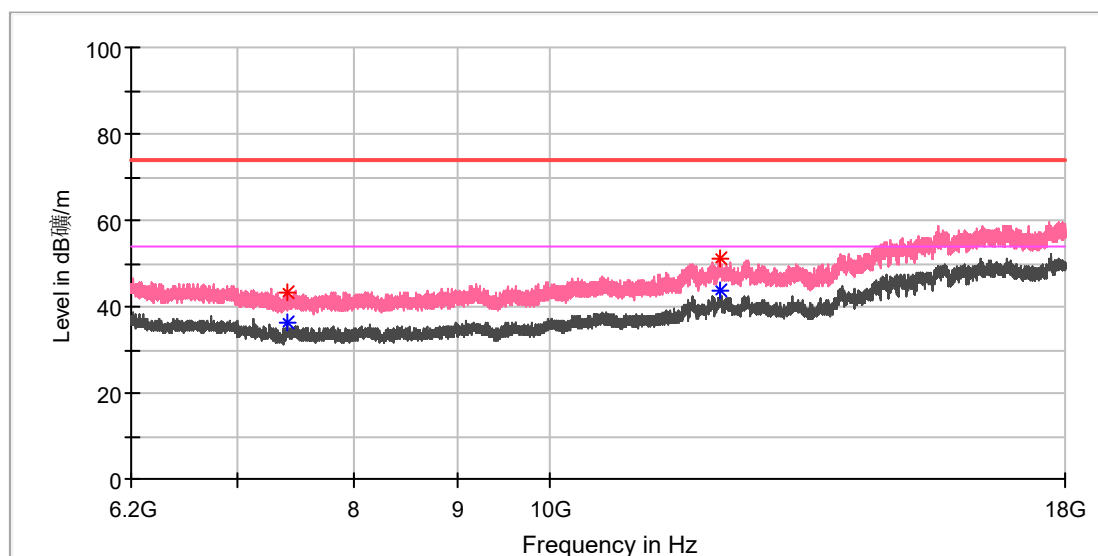
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7741.866667	---	35.05	54.00	18.95	150.0	H	206.0	8.8
7751.700000	44.92	---	74.00	29.08	150.0	H	60.0	8.8
11751.408333	---	41.48	54.00	12.52	150.0	H	252.0	15.5
11770.091667	51.49	---	74.00	22.51	150.0	H	129.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

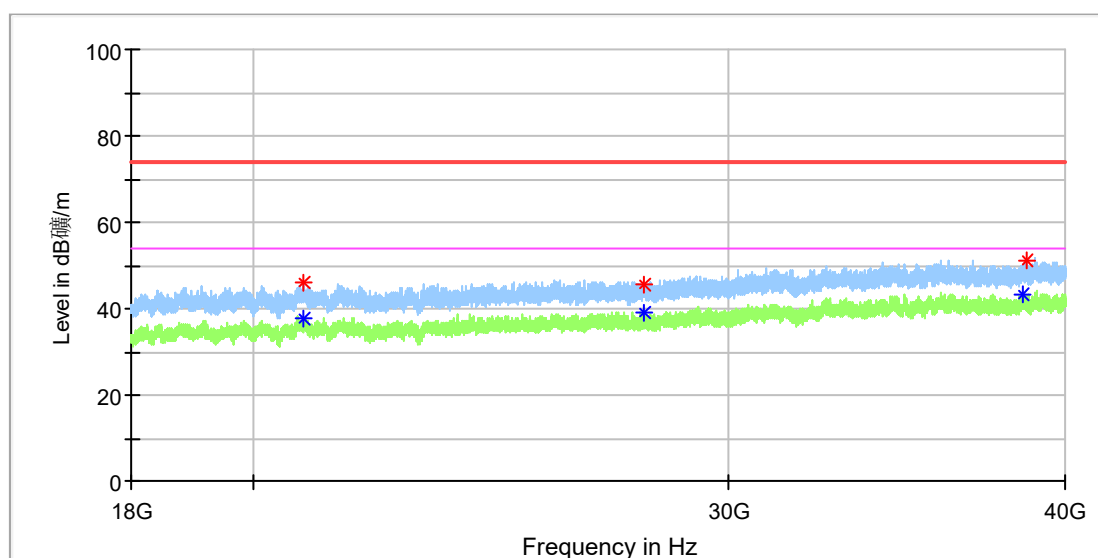
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7407.533333	43.40	---	74.00	30.60	150.0	V	62.0	8.3
7407.533333	---	36.11	54.00	17.89	150.0	V	62.0	8.3
12150.150000	51.00	---	74.00	23.00	150.0	V	8.0	16.7
12151.133333	---	43.62	54.00	10.38	150.0	V	140.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

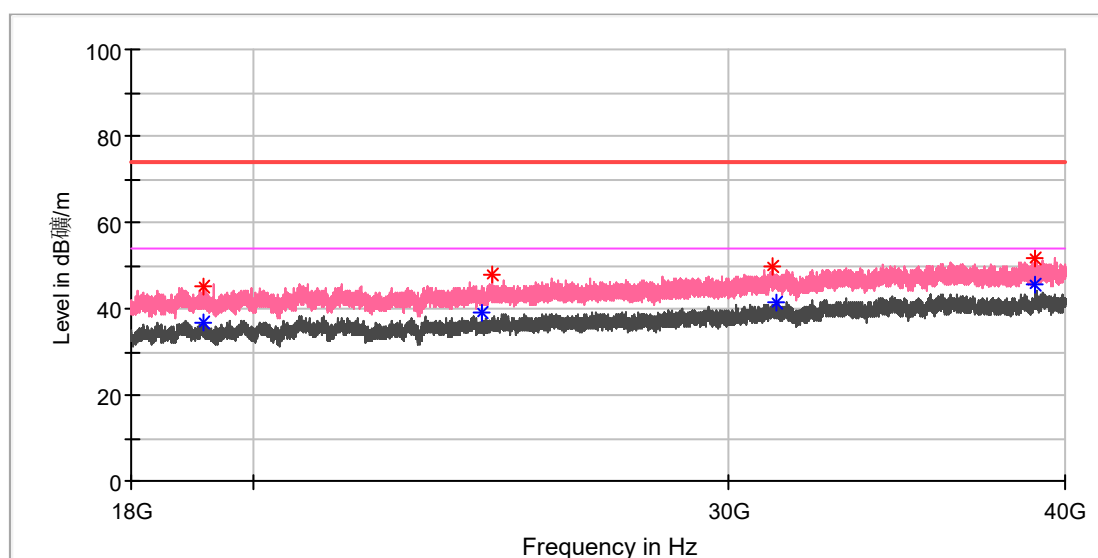
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20858.625000	---	37.77	54.00	16.23	150.0	H	286.0	-11.3
20860.687500	46.22	---	74.00	27.78	150.0	H	88.0	-11.3
27900.687500	---	39.14	54.00	14.86	150.0	H	166.0	-9.3
27917.187500	45.80	---	74.00	28.20	150.0	H	271.0	-9.3
38589.250000	---	43.36	54.00	10.64	150.0	H	314.0	-5.7
38704.750000	51.30	---	74.00	22.70	150.0	H	166.0	-5.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	HOST D
Model:	HOST D
Test Mode:	61.0GHz - 61.5GHz operation mode
Order No/Sample No:	168546136/A003965282-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19130.250000	44.91	---	74.00	29.09	150.0	V	280.0	-12.0
19141.250000	---	36.52	54.00	17.48	150.0	V	162.0	-12.0
24294.750000	---	38.95	54.00	15.05	150.0	V	0.0	-9.1
24483.812500	47.82	---	74.00	26.18	150.0	V	38.0	-9.2
31145.000000	49.86	---	74.00	24.14	150.0	V	296.0	-8.7
31255.687500	---	41.41	54.00	12.59	150.0	V	343.0	-8.6
38992.812500	51.63	---	74.00	22.37	150.0	V	0.0	-5.1
38996.250000	---	45.46	54.00	8.54	150.0	V	248.0	-5.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Above 40GHz

Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Meas. @3m (dBuV/m)	Power Density@3m (pW/cm2)	Ant. Polarity (H/V)	Limit@3m (pW/cm2)	Verdict
NTNV	TM1	M1	PK	1	3	1m	48257.000	65.873	56.333	0.112	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	48257.000	63.039	53.499	0.058	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	49647.000	65.541	56.001	0.104	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	49647.000	62.159	52.619	0.048	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	60231.100	72.138	62.598	0.475	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	60231.100	65.546	56.006	0.104	H	90	PASS
NTNV	TM1	M2	PK	1	3	1m	62952.600	71.397	61.857	0.400	H	90	PASS
NTNV	TM1	F2	PK	1	3	1m	62952.600	66.229	56.689	0.122	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	56505.400	65.583	56.043	0.105	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	56505.400	57.874	48.334	0.018	V	90	PASS
NTNV	TM1	M2	PK	1	3	1m	68015.100	65.637	56.097	0.106	V	90	PASS
NTNV	TM1	F2	PK	1	3	1m	68015.100	57.314	47.774	0.016	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	106538.500	68.663	59.123	0.213	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	106538.500	62.947	53.407	0.057	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	105908.500	68.983	59.443	0.230	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	105908.500	63.697	54.157	0.068	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	149432.000	72.389	62.849	0.503	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	149432.000	65.952	56.412	0.114	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	156902.000	73.680	64.14	0.677	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	156902.000	66.216	56.676	0.121	V	90	PASS
NTNV	TM1	M1	PK	1	3	1m	182498.000	74.967	65.427	0.911	H	90	PASS
NTNV	TM1	F1	PK	1	3	1m	182498.000	64.749	55.209	0.087	H	90	PASS
NTNV	TM1	M1	PK	1	3	1m	197846.000	74.730	65.19	0.863	V	90	PASS
NTNV	TM1	F1	PK	1	3	1m	197846.000	65.048	55.508	0.093	V	90	PASS

Note:

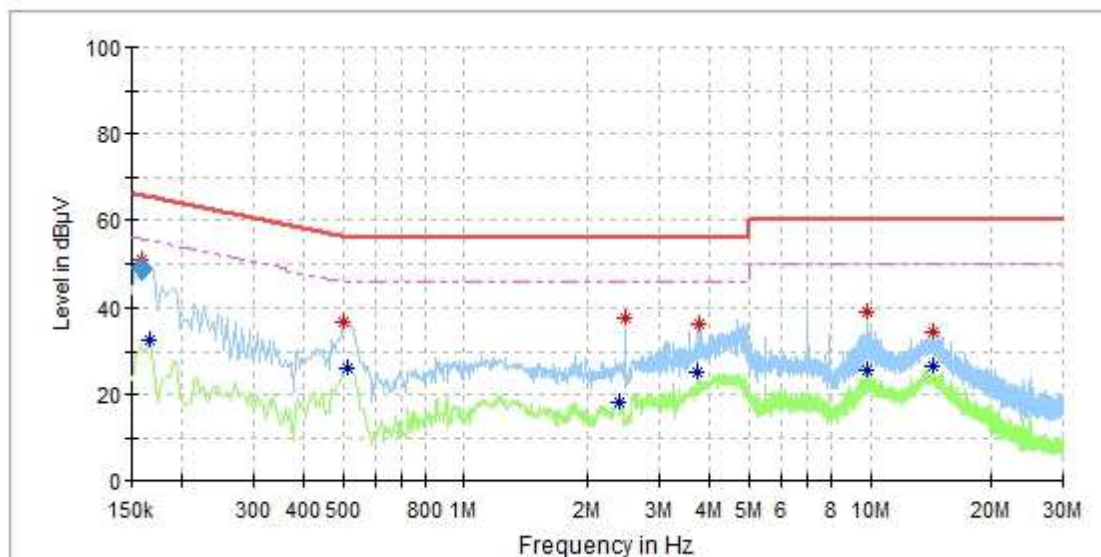
Measure Level @ 3m = Measure Level @ 1m + 20 * log(1m / 3m)

Power Density = $(10^8 / 377) * \{10^{[(\text{Measure Level @3m} - 120) / 20]}\}^2$

Appendix A.6: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name	Presence Sensor Module
Order Number:	168539771
Model:	P6G8HZ
Test Mode:	57.0 GHz - 61.56 GHz operation mode
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Shower Dai
Tem./Hum./Pressure:	23.2°C/49.1%/101kPa
Remark:	SR2



Critical Freqs

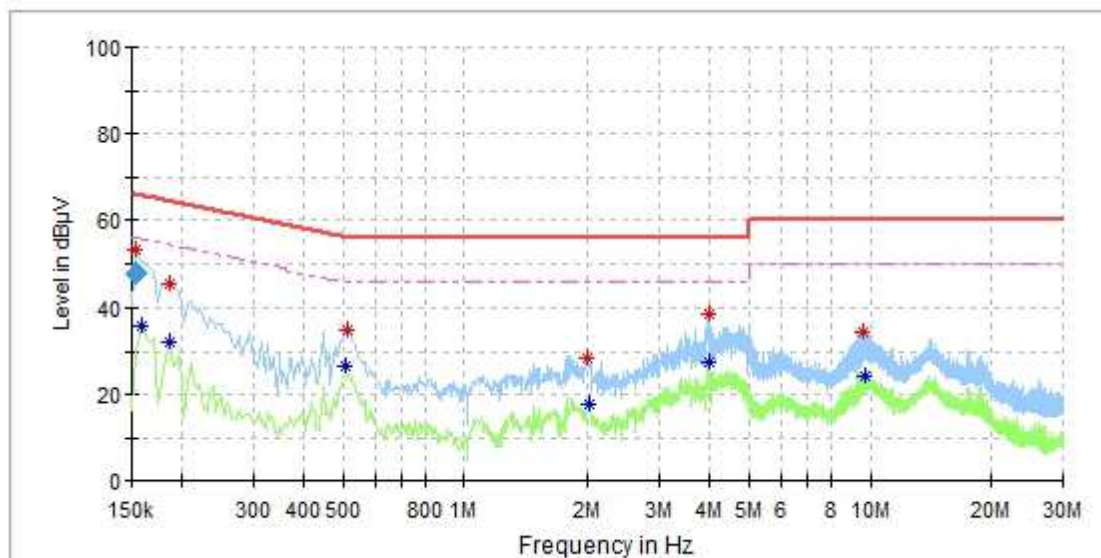
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.158000	50.54	---	65.78	15.24	L1	10.2
0.166000	---	32.36	55.16	22.80	L1	10.2
0.504000	36.53	---	56.00	19.47	L1	10.3
0.512000	---	26.22	46.00	19.78	L1	10.3
2.384000	---	17.95	46.00	28.05	L1	10.3
2.468000	37.48	---	56.00	18.52	L1	10.3
3.748000	---	24.93	46.00	21.08	L1	10.4
3.780000	36.11	---	56.00	19.89	L1	10.4
9.836000	---	25.42	50.00	24.58	L1	10.6
9.836000	39.14	---	60.00	20.86	L1	10.6
14.312000	---	26.52	50.00	23.48	L1	10.7
14.316000	34.31	---	60.00	25.69	L1	10.7

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.158000	48.66	---	65.57	16.91	1000.0	9.000	L1	10.2

EUT Information

EUT Name: Presence Sensor Module
Order Number: 168539771
Model: P6G8HZ
Test Mode: 57.0 GHz - 61.56 GHz operation mode
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15B
Test By./Review By: Steve Lan/Shower Dai
Tem./Hum./Pressure: 23.2°C/49.1%/101kPa
Remark: SR2



Critical Freqs

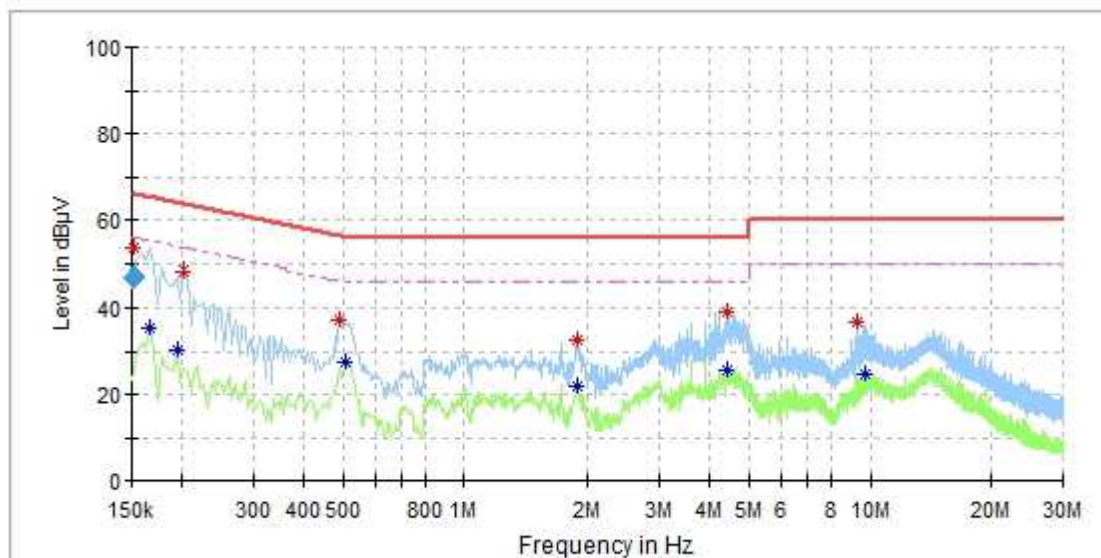
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	53.15	---	65.78	12.63	N	10.2
0.158000	---	35.70	55.57	19.87	N	10.2
0.186000	---	32.12	54.21	22.10	N	10.2
0.186000	45.69	---	64.21	18.52	N	10.2
0.508000	---	26.30	46.00	19.70	N	10.2
0.516000	34.92	---	56.00	21.08	N	10.2
1.984000	28.38	---	56.00	27.62	N	10.3
2.008000	---	17.62	46.00	28.38	N	10.3
4.012000	---	27.29	46.00	18.71	N	10.3
4.012000	38.61	---	56.00	17.39	N	10.3
9.644000	34.55	---	60.00	25.45	N	10.5
9.756000	---	24.41	50.00	25.59	N	10.5

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154000	47.85	---	65.78	17.93	1000.0	9.000	N	10.2

EUT Information

EUT Name: Presence Sensor Module
Order Number: 168539771
Model: P6G8HZ
Test Mode: 61 GHz - 61.5 GHz operation mode
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15B
Test By./Review By: Steve Lan/Shower Dai
Tem./Hum./Pressure: 23.2°C/49.1%/101kPa
Remark: SR2



Critical Freqs

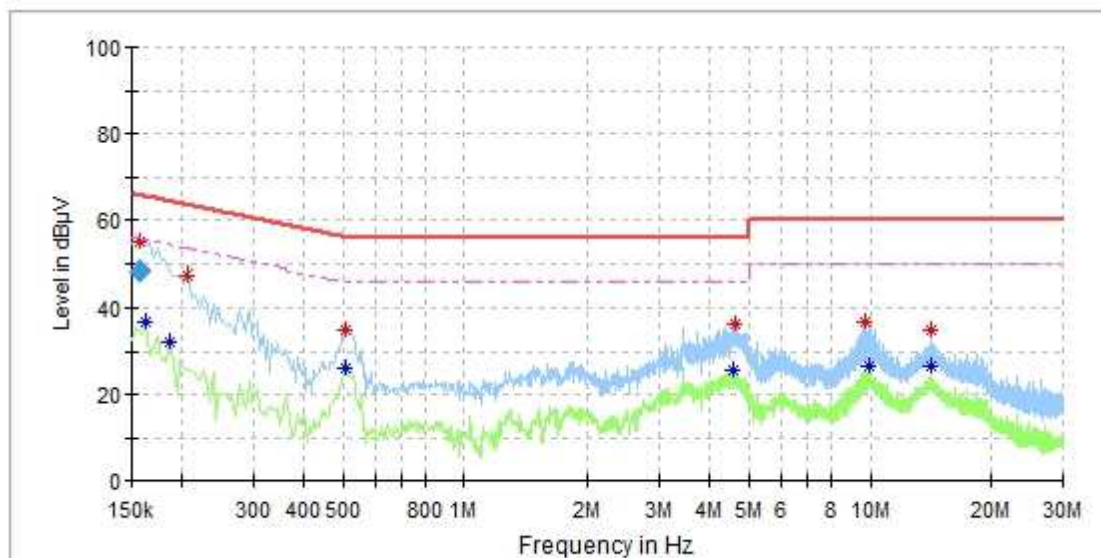
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.152500	53.53	---	65.16	11.63	L1	10.2
0.166000	---	35.41	55.16	19.75	L1	10.2
0.194000	---	30.21	53.86	23.66	L1	10.3
0.202000	48.31	---	63.53	15.22	L1	10.3
0.490000	37.30	---	56.17	18.87	L1	10.3
0.508000	---	27.66	46.00	18.34	L1	10.3
1.892000	---	21.98	46.00	24.02	L1	10.3
1.892000	32.69	---	56.00	23.31	L1	10.3
4.432000	---	25.64	46.00	20.36	L1	10.4
4.432000	39.03	---	56.00	16.97	L1	10.4
9.260000	36.60	---	60.00	23.40	L1	10.6
9.760000	---	24.42	50.00	25.58	L1	10.6

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152500	46.90	---	65.86	18.96	1000.0	9.000	L1	10.2

EUT Information

EUT Name: Presence Sensor Module
Order Number: 168539771
Model: P6G8HZ
Test Mode: 61 GHz - 61.5 GHz operation mode
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15B
Test By./Review By: Steve Lan/Shower Dai
Tem./Hum./Pressure: 23.2°C/49.1%/101kPa
Remark: SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.156500	54.85	---	65.16	10.31	N	10.2
0.162000	---	36.59	55.36	18.77	N	10.2
0.186000	---	31.94	54.21	22.27	N	10.2
0.206000	47.51	---	63.37	15.85	N	10.2
0.508000	---	25.88	46.00	20.12	N	10.2
0.508000	34.94	---	56.00	21.06	N	10.2
4.592000	---	25.72	46.00	20.28	N	10.3
4.616000	36.18	---	56.00	19.82	N	10.3
9.664000	36.76	---	60.00	23.24	N	10.5
9.924000	---	26.32	50.00	23.68	N	10.5
14.084000	---	26.30	50.00	23.70	N	10.5
14.104000	34.80	---	60.00	25.20	N	10.5

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.156500	48.16	---	65.65	17.49	1000.0	9.000	N	10.2