ELECTROMAGNETIC COMPATIBILITY

TEST REPORT

Report Reference Number:	E10402-2404_Tantalus_TRUSENSE GATEWAY_Rev1.0
Date of Issue:	September 6, 2024
Total Number of Pages:	74
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Manufacturer:	**Tantalus Systems Corp.**
Address:	200-3555 Gilmore Way Burnaby, BC, V5G 0B3, Canada
Equipment Tested:	**TRUSENSE GATEWAY**
Model Number(s):	TFGBase

REVISION HISTORY

Date	Report Number	Details	Author's Initials
August 30, 2024	E10402-2404_Tantalus_TRUSENSE GATEWAY_Rev0.0	Draft	SS
September 4, 2024	E10402-2404_Tantalus_TRUSENSE GATEWAY_Rev0.1	Draft	SS
September 5, 2024	E10402-2404_Tantalus_TRUSENSE GATEWAY_Rev0.2	Draft	SS
September 6, 2024	E10402-2404_Tantalus_TRUSENSE GATEWAY_Rev1.0	Final	SS
All previous versions of this report have been superseded by the latest dated revision as listed in the above table. Please dispose of all previous electronic and paper printed revisions accordingly.			

REPORT AUTHORIZATION

The data documented in this report is for the equipment provided by the manufacturer. The tests were conducted on the sample equipment as requested by the manufacturer for the purpose of demonstrating compliance with the standards outlined in Section II of this report as agreed upon by the Manufacturer under the quote 24RH07232R1.

The Manufacturer is responsible for the tested product configurations, continued product compliance, and for the appropriate auditing of subsequent products as required. This report may comprise a partial list of tests that are required for FCC, ISED, and CE. Declaration of Conformity can only be produced by the manufacturer. This is to certify that the following report is true and correct to the best of our knowledge.

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EMC Laboratory Location	FCC Designation (3m SAC)	IC Registration (3m SAC)	A2LA Certificate
Burnaby, BC, Canada	CA9543	9543A	3657.02

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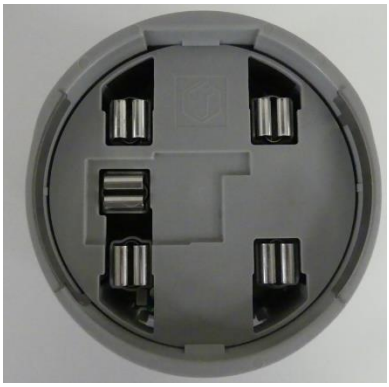
TABLE OF CONTENTS

SECTION I: GENERAL INFORMATION

1.1 Product Description

The information provided in this section is for the Equipment Under Test (EUT) and the corresponding Auxiliary Equipment needed to perform the tests as a complete system.



EUT Information

EUT System	Description	Manufacturer	Model No.	Serial No.	Software/Firmware Version
TRUSENSE GATEWAY	LAN portal	Tantalus Systems Corp.	TFGBase	005494DDD7	15.60
Note: Highest frequency generated or tuned upon within the EUT is 5.8 GHz. Transmitters used in the EUT: Wi-Fi/BT FCC ID: R68XPICO200 LTE FCC ID: N7NRC76B Part 15 FCC ID: OZFTXG000					

EUT Test Mode/Configuration/Operation During Testing

Test Mode	EUT Test Configuration/Operation
1	Operating at 120V 60Hz

Ancillary Equipment Information-N/A

System	Description	Manufacturer	Model No.	Serial No.
--	--	--	--	--

EUT Cabling Configuration-N/A

Port name	Connection Type / Connectors	Shielded	Ferrites	Length
--	--	--	--	--

1.2 Environmental Conditions

The equipment under test was operated and tested under the following environmental conditions:

Parameter	Conditions
Location	Indoors
Temperature	24.0ºC
Relative Humidity	34.9 %
Atmospheric Pressure	101.30 kPa

1.3 Measurement Uncertainty

Parameter	Uncertainty
Radiated Emissions, 10kHz-1GHz	± 2.40 dB
Radiated Emissions, 1GHz-40GHz	± 2.48 dB
Conducted Emissions, 10kHz to 40GHz	± 2.82 dB
Radio Frequency	±1.5 x 10-5 MHz
Total RF Power Conducted	±1.36 dB
Spurious Emissions, Conducted	±1.36 dB
RF Power Density, Conducted	±1.36 dB
Temperature	±1ºC
Humidity	±5 %
DC and low frequency voltages	±3 %

1.4 Sample Calculations of Emissions Data

Radiated and conducted emissions were performed using EMC32 software developed by Rohde & Schwarz. Transducer factors like Antenna factors, Cable Losses and Amplifier gains were stored in the test templates which are used to perform the emissions measurements. After test is finished, data is generated from the EMC32 consisting of product details, emission plots and final data tables as shown below.

Frequency (MHz)	Quasi Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.0064	25.67	40.00	14.33	1000	120	315.0	H	161	4.0

Quasi-Peak reading shown in the table above is already corrected by the software using correction factor shown in column "Corr." The correction factor listed under "Corr." table calculated as:

Corr.(dB) = Antenna factor + Cable loss

Or

Corr.(dB) = Antenna factor + Cable Loss - Amp gain (if pre-amplifier was used)

The final Quasi peak reading shown in the data is calculated by the software using following equation:

Corrected Quasi-Peak (dBµV/m) = Raw Quasi-Peak Reading + Antenna factor + Cable loss

To obtain the final Quasi-Peak or Average reading during power line conducted emissions, transducer factors are included in the final measurement as shown below.

Frequency (MHz)	Quasi Peak (dBµV)	Average (dBµV)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.2410	---	23.71	52.06	28.35	1000.0	9.0	L1	GND	10.0
0.2411	38.98	---	62.06	23.08	1000.0	9.0	L1	GND	10.0

Quasi Peak or Average reading shown in above table is already corrected by the software using the correction factor shown in column "Corr." The correction factor listed under "Corr." table calculated as:

Corr.(dB) = Antenna factor + Cable loss

The final Quasi-peak or Average reading shown in the data is calculated by the software using following equation:

Corr. Quasi-Peak/Average Reading (dBµV) = Raw Quasi-Peak/Average Reading + Antenna factor + Cable loss

The allowable margin from the limits, as per the standards, were calculated for both radiated and conducted emissions:

Margin(dB) = Limit – Quasi-Peak or Average reading

1.5 Test Equipment List

The tables below contain all the equipment used by 'QAI Laboratories' in conducting all tests on the Equipment Under Test (EUT) as per Section I.

Emissions Test Equipment

	Manufacturer	Model	Description	Serial No.	S/W Version	Calibration Due Date
1	Com-Power Corporation	LI-220C	Line Impedance Stabilization Network (9kHz-30MHz)	20070025	N/A	2026-Jan-23
2	Sunol Sciences	SC 104V	Turntable Controller	042506-1	N/A	Indication Only
3	Sunol Sciences	SM46C	Turntable	071705-2	N/A	Indication Only
4	Maturo GmbH	BAM 4.0-P	Boresight Antenna Mast	365	3382.01	Indication Only
5	ETS Lindgren	S201	7-meter Semi-Anechoic Chamber	1030	N/A	Indication Only
6	Hewlett Packard	8447F	Amplifier (0.1-1300MHz)	1726A00566	N/A	Indication Only
7	Hewlett Packard	8449B	Preamplifier (1-26.5 GHz)	3008A00982	N/A	Indication Only
8	Microwave Lab	USMC10180	Low Noise Amplifier (0.1-18GHz)	001303JR0802 A2729	N/A	Indication Only
9	Keysight Technologies	N9038B	MXE EMI Receiver, Multi-touch	MY60180014	N/A	2026-Aug-22
10	ETS-Lindgren	3117	Horn, Double-Ridge Guide Ant, 1.0 - 18 GHz	75944	N/A	2026-Jan-25
11	Sunol Sciences	JB3	Biconilog Antenna (30MHz – 3GHz)	A120106	N/A	2026-Mar-28
12	TESEQ	ISN T800	Impedance Stabilization Network (150kHz – 30MHz)	27133	N/A	2026-Feb-08

Note: Equipment listed above have 3 years calibration interval.

Measurement Software List

	Manufacturer	Model	Version	Description
1	Rohde & Schwarz	EMC 32	10.35.10	Emissions Test Software

SECTION II: EXECUTIVE SUMMARY OF STANDARDS AND LIMITS

2.1 Applicable Emission Standards

ISED, FCC −Emissions

Test or Measurement	Applicable Standards	Description	Result
Radiated Emissions*	• **CFR Title 47 FCC Part 15 -** Radio Frequency Devices, Subpart B - Unintentional Radiators • **CFR Title 47 FCC Part 15 -** Radio Frequency Devices, Subpart C -Intentional Radiators • **CFR Title 47 FCC Part 22** – Public Mobile Services • **CFR Title 47 FCC Part 24** – Personal Communication Services • **CFR Title 47 FCC Part 27** – Miscellaneous Wireless Communication Services • **RSS-247 Issue 2** – Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	The radiated emissions are measured in the **30 MHz-18 GHz** range.	Pass
Conducted Emissions	• **RSS-130 Issue 2** — Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz • **RSS-132 Issue 3** — Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz • **RSS-132** — Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz • **RSS-133 Issue 6**— 2 GHz Personal Communications Services • **RSS-Gen Issue 5** – General Requirements and Information for the Certification of Radio Apparatus • **ICES-003 Issue 7** – Information Technology Equipment (Including Digital Apparatus)	The conducted emissions are measured in the **535 kHz – 1.7 MHz** range.	Pass

Method of Measurement:

For the radiated emissions, the Equipment under test (EUT) is positioned in the center of the turntable in the SAC. The Equipment under test (EUT) is then measured for all the radiated emissions using the spectrum analyzer and receiver using the appropriate antennas, amplifiers, attenuators, and filters.

The required Quasi-Peak CISPR bandwidth shall be 120 kHz for the range 30 – 1000 MHz and 1 MHz for the frequency above 1GHz. The ANSI C63.4 requirement for the placement of RF Absorber on the turntable Ground Plane shall be satisfied.

Emissions in both horizontal and vertical polarizations were measured while rotating the Equipment Under Test (EUT) on the turntable to maximize signal strength and the limit is adjusted as per the equation below. The result is added or subtracted to the required emission level to ensure compliance at the new distance.

$20 \log\left(\frac{D1}{D2}\right)$; Where D1 = Current Distance
D2 = Required Distance

2.2 Applicable Radiated Emission Limits

FCC 47 CFR Part 15.33 (b)(1): Frequency range of radiated measurements

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.075	30
1.075 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

FCC 47 CFR Part 15.109: Radiated emission limits

a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of emission (MHz)	Field strength (microvolts/meter)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

e) Carrier current systems used as unintentional radiator or other unintentional radiators that are designed to conduct their radio frequency emissions via connecting wires or cables and that operate in the frequency range of 9 kHz to 30 MHz, including devices that deliver the radio frequency energy to transducers, such as ultrasonic devices not covered under Part 18, shall comply with the radiated emission limits for intentional radiators provided in 15.209 for the frequency range of 9 kHz to 30 MHz.

ICES-003 3.2.2 Radiated emission limits

The quasi-peak limits for the electric component of the radiated field strength emitted from ITE or digital apparatus, within 30 MHz to 1 GHz, for a measurement distance of 3 m or 10 m, are:

Frequency Range (MHz)	Class A (3 m) Quasi-peak (dBµV/m)	Class A (10 m) Quasi-peak (dBµV/m)	Class B (3 m) Quasi-peak (dBµV/m)	Class B (10 m) Quasi-peak (dBµV/m)
30 – 88	50.0	40.0	40.0	30.0
88 – 216	54.0	43.5	43.5	33.1
216 – 230	56.9	46.4	46.0	35.6
230 – 960	57.0	47.0	47.0	37.0
960 - 1000	60.0	49.5	54.0	43.5

At and above 1 GHz, except for outdoor units of home satellite receiving systems, the ITE or digital apparatus shall comply with:

Frequency Range (MHz)	Class A Average (dBµV/m)	Class A Peak (dBµV/m)	Class B Average (dBµV/m)	Class B Peak (dBµV/m)
1 - F_M	60	80	54	74

F_M is determined by:

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108$ MHz	1 GHz
108 MHz $\leq F_X \leq$ 500 MHz	2 GHz
500 MHz $\leq F_X \leq$ 1 GHz	5 GHz
$F_X >$ 1 GHz	5 x F_X up to a maximum of 40 GHz

FCC 47 CFR Part 15.205 (a), (b): Restricted bands of operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	
13.36-13.41			

The field strength of emissions appearing within these frequency bands shall not exceed the limits show in § 15.209

FCC 47 CFR Part 15.209 (a): Radiated emission limits; general requirements

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency, *f* (MHz)	Maximum Field strength Quasi-peak (dBµV/m at 3 m)
0.009 – 0.490	20*log(2400/F(kHz)) + 40 dB
0.490 – 1.705	20*log(24000/F(kHz)) + 20 dB

1.705 – 30.0	49.5
30 – 88	40.0
88 – 216	43.5
216 – 960	46.0
above 960	54.0

Note 1: The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges.

Note 2: The emissions limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz., 110-490 kHz. and above 1000 MHz.

Radiated emission limits in these three bands are based on measurements employing an average detector

FCC 47 CFR Part 15.247 (d): Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Calculation of Duty Cycle Correction Factor for Frequency Hopping Emissions:

Per KDB 558074 D01 15.247 Meas Guidance v05r02: the use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the unwanted emission limit is subject to an average field strength limit (e.g. within a Government Restricted Band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (ie, not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector. Note that Section 15.35(c) specifies that the DCCF shall represent the worst-case (greatest duty cycle) over any 100 msec transmission period. The test report provided with the certification application must provide clear and complete documentation of the justification for use of the procedure as well as the calculations and assumptions that are used. Subclause 7.5 of ANSI C63.10 provides additional measurement guidance applicable to determination of the DCCF.

Per ANSI C63.10:2013: Unless otherwise specified, when the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 s (100 ms). In cases where the pulse train exceeds 0.1 s, the measured field strength shall be determined during a 0.1 s interval. The DCCF is calculated as:

$$\delta(dB) = 20\log(\Delta)$$

Where

δ is the duty cycle correction factor in dB

Δ is the duty cycle (dimensionless)

Data Rate	Dwell Time (ms)	Averaging Time (ms)	Duty Cycle	DCCF (dB)
Low	8.15	100	0.0815	-21.78
High	2.26	100	0.0226	-32.92
3rd Party	46.06	100	0.4606	-6.73

Duty Cycle Correction Factors

2.3 Applicable Conducted Emission Limits

FCC 47 CFR Part 15.207: Conducted limits

a) For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, withing the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 µH / 50 Ω line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

*Decreases with the logarithm of the frequency.

RSS-Gen (8.8) AC power-line conducted emissions limits

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 µH / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56 *	56 to 46 Note 1
0.5 – 5	56	46
5 – 30	60	50

*The level decreases linearly with the logarithm of the frequency.

SECTION III: DATA & TEST RESULTS

3.1 Radiated Emissions

- **Date Performed:**
  August 23, 2024
- **Test Standard:**
  As per Section 2.1 of this report
- **Required Limit:**
  As per Section 2.2 of this report
- **Test Method:**
  As per Section 2.1 of this report
- **Modifications:**
  No modification was required.
- **Result:**
  The EUT **complies** with the standard.

This test report is to determine whether there are any intermodulation products that are being generated by the simultaneous operation of the 3 FCC/IC approved radios:

Dual Band Wi-Fi transmitter (FCC ID: R68XPICO200, IC ID: 3867A-XPICO200)

Part 15 902-928 MHz transmitter (FCC ID: OZFTXG000, IC ID: 3669A-TXG000)

LTE transmitter: (FCC ID: N7NRC76B / IC: 2417C-RC76B)

The following tests were performed:

Measured Frequency Range:	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz	1-18 GHz
Transmitter:										
2.4GHz	*	*	*	*	*	*	*	*	*	*
902-928MHz	*	*	*	*	*	*	*	*	*	*
LTE	B71	B2	B4	B5	B12	B13	B14	B25	B26	B66

Measured Frequency Range:	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz	1-6 GHz
Transmitter:										
5.8GHz	*					*		*	*	*
902-928MHz	*					*		*	*	*
LTE	B71	B2	B4	B5	B12	B13	B14	B25	B26	B66

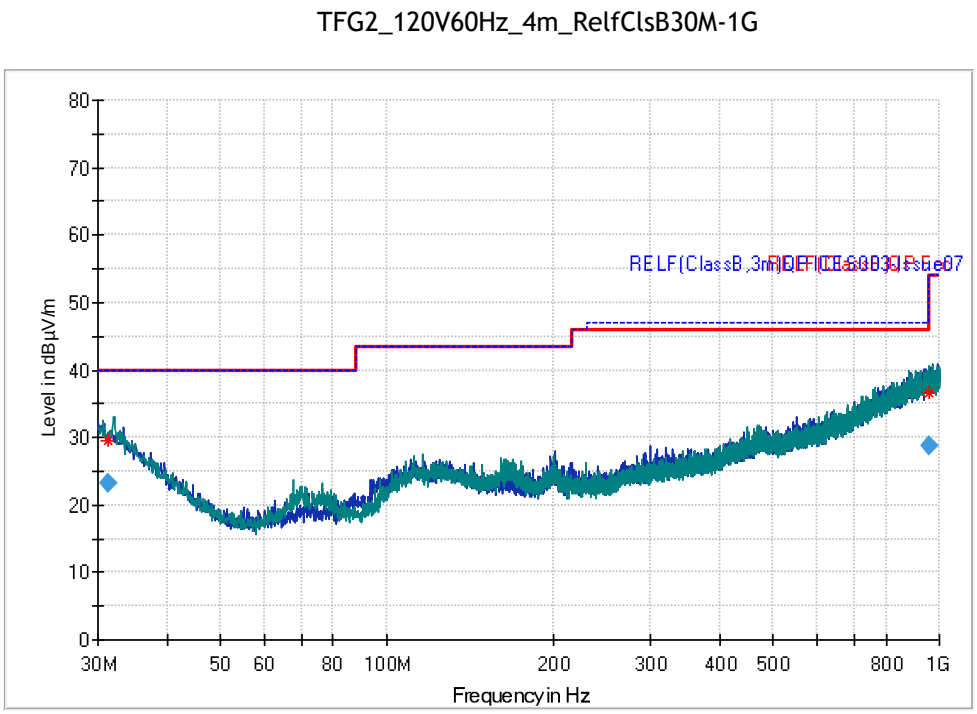
Possible intermodulation emissions from the 3 radios were not investigated above 6 GHz when the 5.8 GHZ transmitter was selected. The reason for this is simply that it can be seen from the first set of tests that no intermodulation products are created in the 5-6 GHz band and therefore it is impossible for any mixing to occur with the 5 GHz transmitter.

For the same reason, not all LTE bands were investigated between 1-6 GHz when using the 5.8 GHz Wi-Fi transmitter. The bands investigated ensured that the low, middle, and high frequencies of the LTE spectrum were covered.

Please note that a 902-928 MHz notch filter in series with a 2.4 GHz Wi-Fi notch filter was used when investigating the intermodulation products using the 2.4 GHz transmitter and this is why no fundamental component will be observed.

Measurement Data and Plots:

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 30MHz to 1GHz
- Test mode: 1



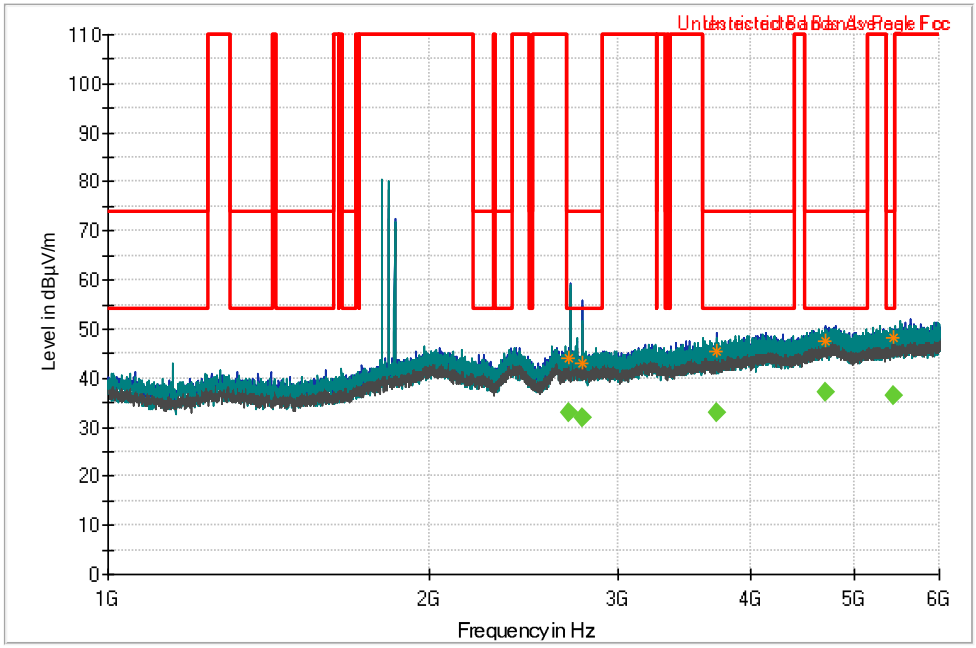
Plot 1: Radiated Emissions at 3m SAC

Table 1: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Quasi Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.3750	23.27	40.00	16.73	1000.0	120.0	123.0	V	208	3.7
957.0069	28.71	46.00	17.29	1000.0	120.0	400.0	V	264	8.3

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 12 WiFi=2.4GHz Part15=902-928MHz



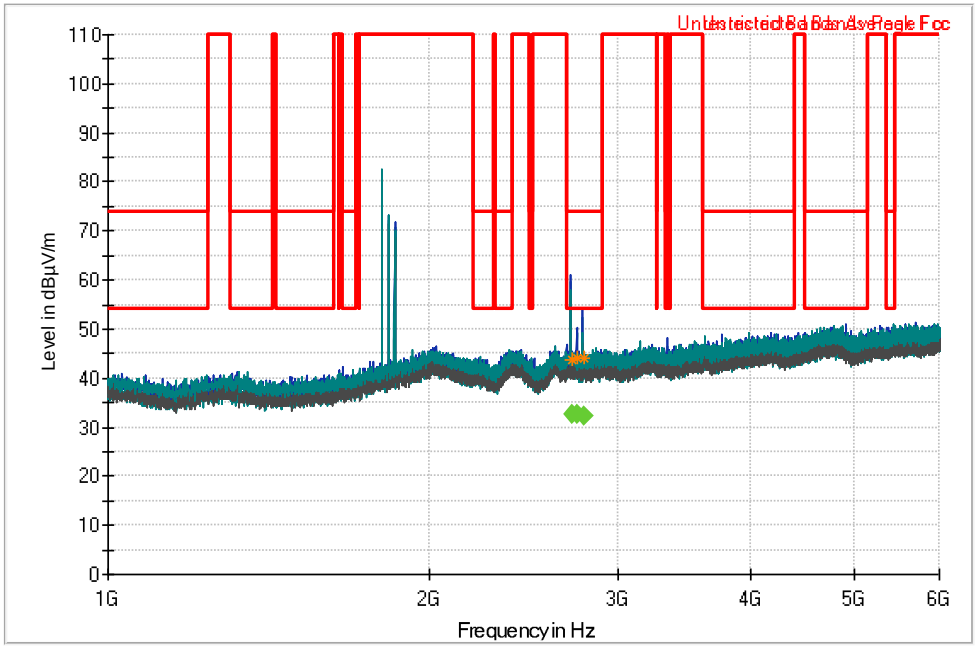
Plot 2: Radiated Emissions at 3m SAC

Table 2: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2696.5960	---	32.81	54.00	21.19	1000.0	1000.0	315.0	H	17	1.0
2781.3860	---	32.05	54.00	21.95	1000.0	1000.0	195.0	H	110	1.2
3716.0260	---	32.90	54.00	21.10	1000.0	1000.0	365.0	H	278	3.9
4697.8680	---	37.07	54.00	16.93	1000.0	1000.0	192.0	H	73	6.9
5431.8420	---	36.32	54.00	17.68	1000.0	1000.0	252.0	H	251	7.4

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 13 WiFi=2.4GHz Part15=902-928MHz



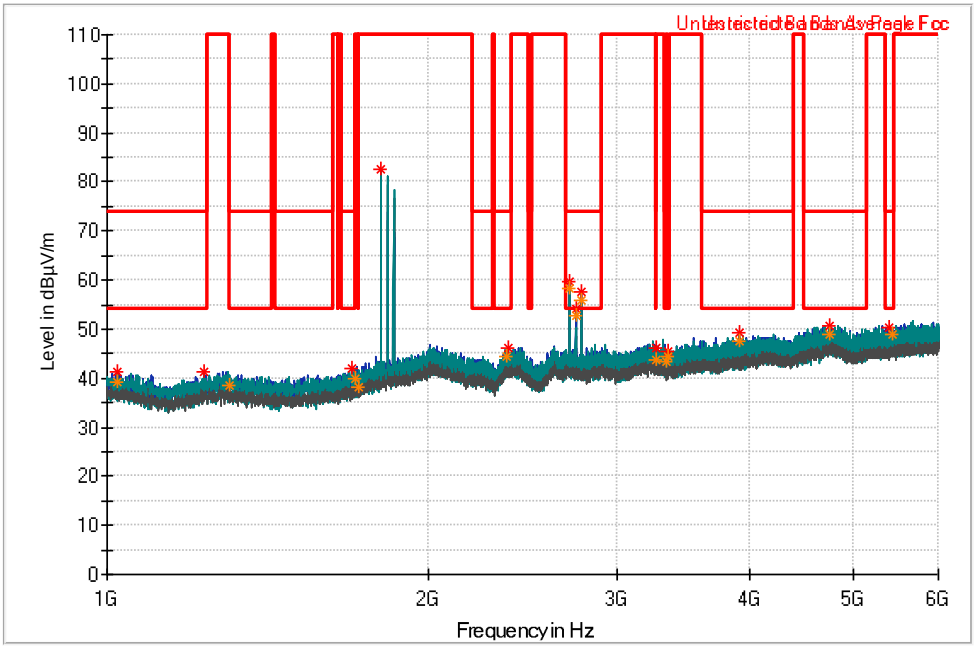
Plot 3: Radiated Emissions at 3m SAC

Table 3: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2715.3660	---	32.58	54.00	21.42	1000.0	1000.0	103.0	H	200	1.0
2753.7760	---	32.49	54.00	21.51	1000.0	1000.0	240.0	H	134	1.1
2789.7380	---	32.43	54.00	21.57	1000.0	1000.0	114.0	H	166	1.2

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 4 WiFi=2.4GHz Part15=902-928MHz



Plot 4: Radiated Emissions at 3m SAC

Table 4: Quasi Peak Data of Radiated Emissions at 3m SAC

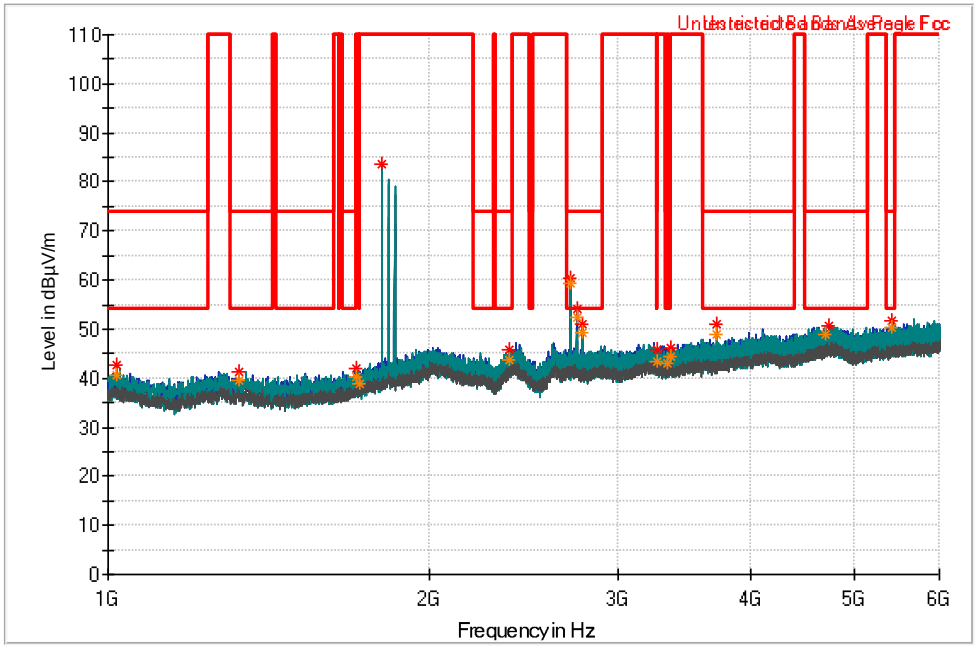
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1022.5000	---	39.27	54.00	14.73	---	---	350.0	V	294	-7.6
1022.5000	41.46	---	74.00	32.54	---	---	350.0	V	294	-7.6
1234.0000	41.29	---	74.00	32.71	---	---	350.0	V	154	-5.4
1302.0000	---	38.67	54.00	15.33	---	---	400.0	V	160	-5.3
1692.0000	42.04	---	74.00	31.96	---	---	150.0	V	64	-3.5
1705.5000	---	40.02	54.00	13.98	---	---	250.0	V	85	-3.3
1719.0000	---	38.08	54.00	15.92	---	---	200.0	H	0	-3.2
1804.5000	82.60	---	110.00	27.40	---	---	250.0	V	85	-2.0
2366.0000	---	44.26	54.00	9.74	---	---	200.0	H	0	0.0
2374.0000	46.13	---	74.00	27.87	---	---	100.0	V	0	0.0
2706.5000	---	58.20	54.00	-4.20*	---	---	200.0	H	85	1.0
2706.5000	59.55	---	74.00	14.45	---	---	200.0	H	85	1.0
2745.0000	53.99	---	74.00	20.01	---	---	150.0	H	160	1.1
2745.0000	---	52.88	54.00	1.12	---	---	150.0	H	160	1.1
2782.5000	---	56.00	54.00	-2.00*	---	---	300.0	H	63	1.2
2783.0000	57.62	---	74.00	16.38	---	---	300.0	H	63	1.2
3260.5000	---	43.85	54.00	10.15	---	---	200.0	V	170	2.3
3260.5000	46.05	---	74.00	27.95	---	---	200.0	V	170	2.3

3332.5000	---	43.21	54.00	10.79	---	---	350.0	H	1	2.5
3354.0000	---	44.25	54.00	9.75	---	---	200.0	V	0	2.5
3356.0000	45.51	---	74.00	28.49	---	---	300.0	H	172	2.5
3901.0000	---	47.49	54.00	6.51	---	---	250.0	V	151	4.4
3901.0000	49.25	---	74.00	24.75	---	---	250.0	V	151	4.4
4739.0000	50.67	---	74.00	23.33	---	---	250.0	V	302	7.0
4742.0000	---	48.83	54.00	5.17	---	---	300.0	V	52	7.0
5394.5000	50.40	---	74.00	23.60	---	---	300.0	H	151	7.4
5442.5000	---	48.81	54.00	5.19	---	---	200.0	V	170	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 5 WiFi=2.4GHz Part15=902-928MHz



Plot 5: Radiated Emissions at 3m SAC

Table 5: Quasi Peak Data of Radiated Emissions at 3m SAC

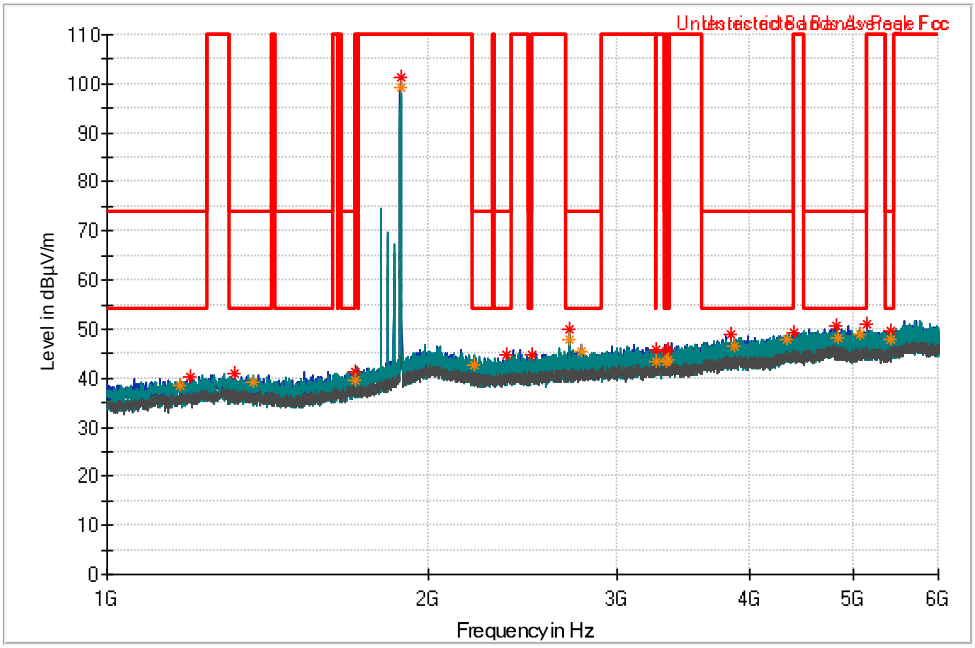
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1017.5000	---	40.68	54.00	13.32	---	---	150.0	V	344	-7.6
1017.5000	42.59	---	74.00	31.41	---	---	150.0	V	344	-7.6
1326.5000	---	39.58	54.00	14.42	---	---	150.0	H	114	-5.3
1326.5000	41.34	---	74.00	32.66	---	---	150.0	H	114	-5.3
1710.0000	---	40.15	54.00	13.85	---	---	400.0	V	103	-3.3
1710.0000	41.92	---	74.00	32.08	---	---	400.0	V	103	-3.3
1719.5000	---	38.82	54.00	15.18	---	---	150.0	V	0	-3.2
1804.5000	83.74	---	110.00	26.26	---	---	200.0	V	71	-2.0
2373.0000	---	43.76	54.00	10.24	---	---	250.0	V	303	0.0
2373.0000	45.83	---	74.00	28.17	---	---	250.0	V	303	0.0
2706.5000	---	59.33	54.00	-5.33*	---	---	200.0	V	9	1.0
2706.5000	60.50	---	74.00	13.50	---	---	200.0	V	9	1.0
2745.0000	---	52.39	54.00	1.61	---	---	350.0	H	312	1.1
2745.0000	54.00	---	74.00	20.00	---	---	350.0	H	312	1.1
2782.5000	---	49.39	54.00	4.61	---	---	300.0	H	96	1.2
2783.0000	50.94	---	74.00	23.07	---	---	200.0	H	0	1.2
3261.0000	45.77	---	74.00	28.23	---	---	200.0	H	0	2.3
3267.0000	---	43.51	54.00	10.49	---	---	150.0	H	0	2.3

3336.0000	---	42.92	54.00	11.08	---	---	250.0	V	28	2.5
3358.0000	46.23	---	74.00	27.77	---	---	400.0	V	61	2.6
3358.0000	---	44.27	54.00	9.73	---	---	400.0	V	61	2.6
3710.5000	50.96	---	74.00	23.04	---	---	250.0	H	111	3.8
3710.5000	---	48.89	54.00	5.11	---	---	250.0	H	111	3.8
4685.5000	---	48.81	54.00	5.19	---	---	200.0	V	301	6.8
4727.5000	50.79	---	74.00	23.21	---	---	150.0	H	235	7.0
5413.5000	51.62	---	74.00	22.38	---	---	200.0	V	0	7.4
5413.5000	---	50.27	54.00	3.73	---	---	200.0	V	0	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 25 WiFi=2.4GHz Part15=902-928MHz



Plot 6: Radiated Emissions at 3m SAC

Table 6: Quasi Peak Data of Radiated Emissions at 3m SAC

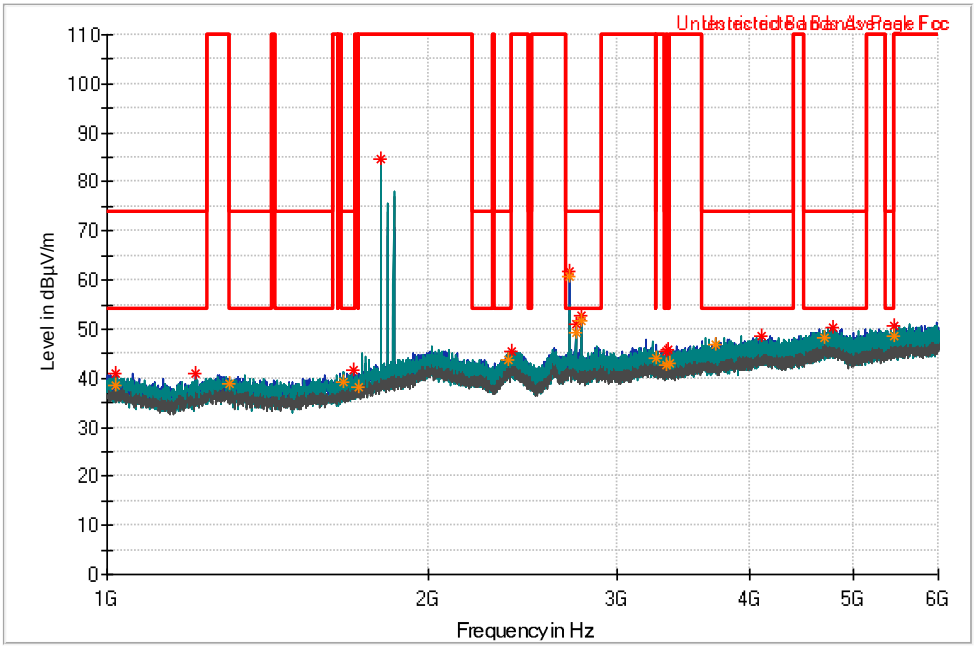
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1171.5000	---	38.45	54.00	15.55	---	---	250.0	V	0	-6.0
1195.0000	40.38	---	74.00	33.62	---	---	400.0	H	351	-5.7
1317.0000	41.00	---	74.00	33.00	---	---	150.0	V	225	-5.3
1369.0000	---	39.17	54.00	14.83	---	---	200.0	V	0	-5.4
1706.0000	41.41	---	74.00	32.59	---	---	150.0	H	0	-3.3
1707.5000	---	39.44	54.00	14.56	---	---	100.0	V	301	-3.3
1881.5000	101.22	---	110.00	8.78	---	---	150.0	H	0	-0.6
1882.5000	---	99.37	110.00	10.63	---	---	200.0	H	359	-0.6
2204.0000	---	42.78	54.00	11.22	---	---	100.0	V	96	0.0
2368.5000	44.65	---	74.00	29.35	---	---	350.0	H	0	0.0
2496.5000	44.60	---	74.00	29.40	---	---	100.0	V	22	0.4
2706.5000	---	48.05	54.00	5.95	---	---	350.0	V	98	1.0
2706.5000	49.99	---	74.00	24.01	---	---	350.0	V	98	1.0
2783.0000	---	45.55	54.00	8.45	---	---	300.0	H	44	1.2
3260.0000	---	43.49	54.00	10.51	---	---	400.0	V	98	2.3
3260.5000	45.90	---	74.00	28.10	---	---	300.0	V	301	2.3
3333.0000	45.43	---	74.00	28.57	---	---	200.0	H	133	2.5
3339.0000	---	43.32	54.00	10.68	---	---	100.0	H	304	2.5

3349.5000	---	43.73	54.00	10.27	---	---	150.0	V	278	2.5
3352.0000	45.82	---	74.00	28.18	---	---	100.0	H	155	2.5
3839.5000	48.88	---	74.00	25.12	---	---	100.0	H	177	4.3
3864.0000	---	46.41	54.00	7.59	---	---	200.0	V	88	4.3
4323.5000	---	47.74	54.00	6.26	---	---	200.0	V	0	5.6
4400.0000	49.30	---	74.00	24.70	---	---	300.0	H	0	5.9
4808.5000	50.73	---	74.00	23.27	---	---	250.0	H	297	7.0
4826.5000	---	48.28	54.00	5.72	---	---	100.0	H	230	7.0
5062.5000	---	49.08	54.00	4.92	---	---	400.0	H	299	7.0
5144.0000	50.86	---	74.00	23.14	---	---	400.0	H	0	7.1
5411.5000	49.72	---	74.00	24.28	---	---	200.0	V	5	7.4
5417.0000	---	47.76	54.00	6.24	---	---	200.0	V	0	7.4

Note: 10dB Attenuator is used at the input of the amplifier

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 26 WiFi=2.4GHz Part15=902-928MHz



Plot 7: Radiated Emissions at 3m SAC

Table 7: Quasi Peak Data of Radiated Emissions at 3m SAC

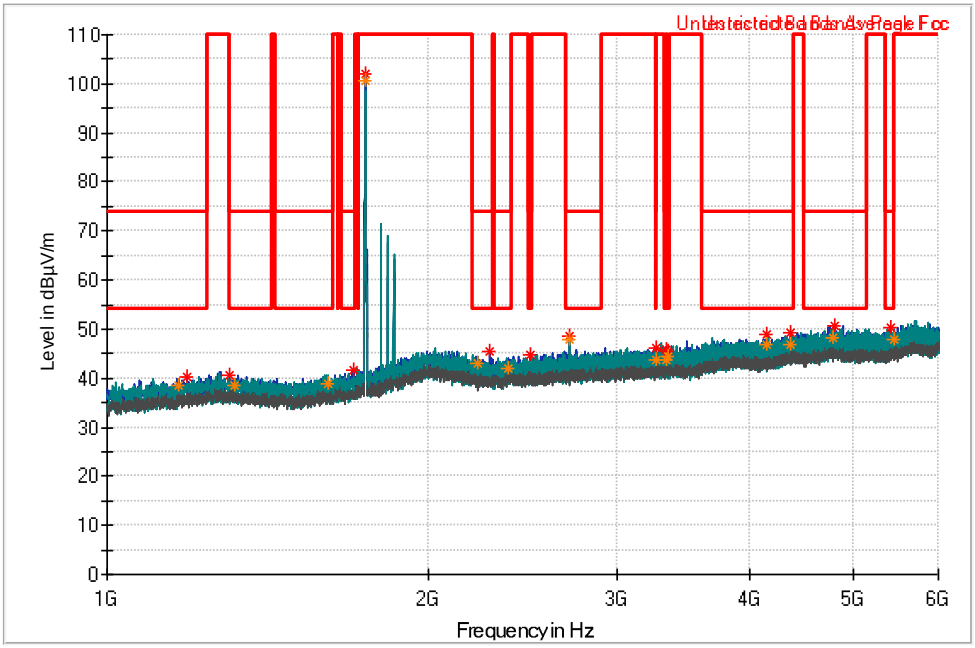
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1020.0000	---	38.66	54.00	15.34	---	---	200.0	H	231	-7.6
1020.0000	40.84	---	74.00	33.16	---	---	200.0	H	231	-7.6
1210.0000	40.97	---	74.00	33.03	---	---	300.0	H	294	-5.6
1300.5000	---	38.71	54.00	15.29	---	---	300.0	V	214	-5.3
1662.5000	---	39.27	54.00	14.73	---	---	400.0	H	107	-3.8
1702.0000	41.66	---	74.00	32.34	---	---	150.0	H	50	-3.4
1721.5000	---	38.16	54.00	15.84	---	---	250.0	V	206	-3.2
1804.5000	84.53	---	110.00	25.47	---	---	100.0	V	53	-2.0
2371.5000	---	43.62	54.00	10.38	---	---	200.0	H	135	0.0
2387.5000	45.58	---	74.00	28.42	---	---	400.0	V	312	0.1
2706.5000	---	60.89	54.00	-6.89*	---	---	300.0	H	315	1.0
2706.5000	61.82	---	74.00	12.18	---	---	300.0	H	315	1.0
2745.0000	51.08	---	74.00	22.92	---	---	100.0	H	79	1.1
2745.0000	---	49.14	54.00	4.86	---	---	150.0	H	297	1.1
2783.0000	---	51.72	54.00	2.28	---	---	300.0	H	33	1.2
2783.0000	52.79	---	74.00	21.21	---	---	300.0	H	33	1.2
3264.0000	---	44.08	54.00	9.92	---	---	300.0	V	349	2.3
3332.5000	---	42.59	54.00	11.41	---	---	350.0	H	155	2.5

3338.5000	45.62	---	74.00	28.38	---	---	350.0	H	0	2.5
3355.5000	45.86	---	74.00	28.14	---	---	100.0	H	359	2.5
3357.5000	---	42.98	54.00	11.02	---	---	350.0	H	81	2.6
3710.5000	---	46.99	54.00	7.01	---	---	250.0	H	259	3.8
4103.5000	48.72	---	74.00	25.28	---	---	150.0	H	104	5.0
4702.0000	---	48.17	54.00	5.83	---	---	250.0	V	342	6.9
4781.0000	50.41	---	74.00	23.59	---	---	250.0	V	311	7.0
5456.5000	---	48.66	54.00	5.34	---	---	100.0	H	314	7.5
5456.5000	50.63	---	74.00	23.37	---	---	100.0	H	314	7.5

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 66 WiFi=2.4GHz Part15=902-928MHz



Plot 8: Radiated Emissions at 3m SAC

Table 8: Quasi Peak Data of Radiated Emissions at 3m SAC

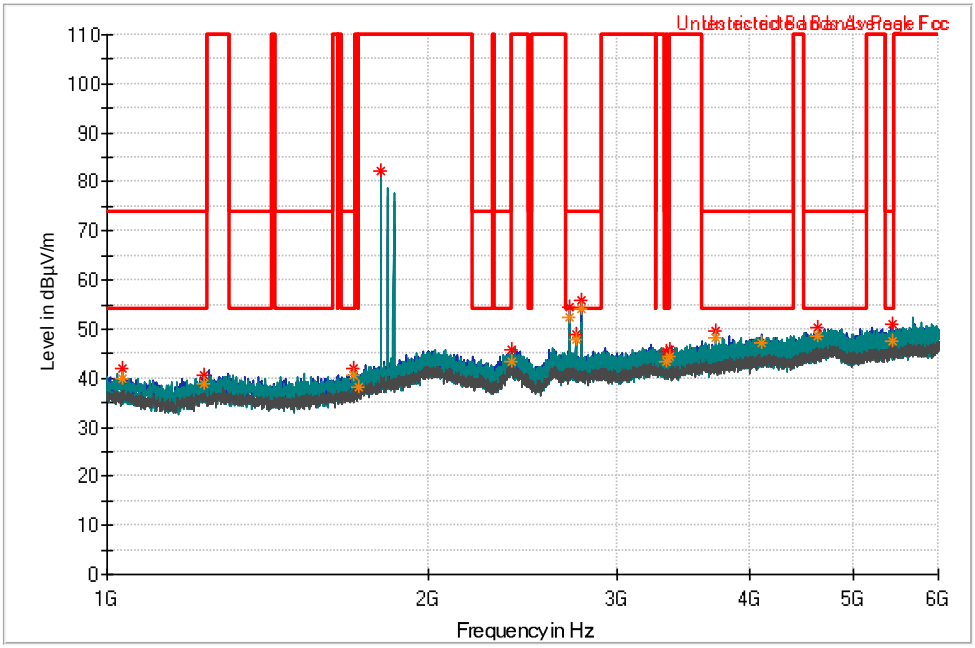
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1168.0000	---	38.53	54.00	15.47	---	---	400.0	H	16	-6.0
1186.5000	40.09	---	74.00	33.91	---	---	250.0	H	45	-5.8
1301.5000	40.65	---	74.00	33.35	---	---	350.0	V	63	-5.3
1314.5000	---	38.52	54.00	15.48	---	---	400.0	V	0	-5.3
1608.5000	---	38.84	54.00	15.16	---	---	150.0	V	257	-4.3
1703.5000	41.50	---	74.00	32.50	---	---	250.0	H	0	-3.4
1745.0000	102.16	---	110.00	7.84	---	---	100.0	H	279	-3.0
1745.0000	---	100.55	110.00	9.45	---	---	100.0	H	279	-3.0
2220.0000	---	42.86	54.00	11.14	---	---	200.0	V	13	-0.1
2279.0000	45.39	---	74.00	28.61	---	---	100.0	H	193	-0.2
2374.5000	---	42.13	54.00	11.87	---	---	250.0	H	4	0.0
2487.5000	44.77	---	74.00	29.23	---	---	150.0	H	150	0.4
2706.5000	48.59	---	74.00	25.41	---	---	250.0	H	290	1.0
2706.5000	---	47.74	54.00	6.26	---	---	300.0	H	53	1.0
3264.0000	---	43.63	54.00	10.37	---	---	250.0	V	119	2.3
3265.5000	46.13	---	74.00	27.87	---	---	150.0	V	86	2.3
3334.5000	---	43.86	54.00	10.14	---	---	150.0	V	354	2.5
3334.5000	45.84	---	74.00	28.16	---	---	150.0	V	354	2.5

3350.5000	45.31	---	74.00	28.69	---	---	100.0	H	330	2.5
3350.5000	---	44.41	54.00	9.59	---	---	100.0	H	330	2.5
4140.5000	---	46.72	54.00	7.28	---	---	250.0	V	151	5.1
4140.5000	48.82	---	74.00	25.18	---	---	250.0	V	151	5.1
4360.5000	49.30	---	74.00	24.70	---	---	150.0	V	108	5.7
4363.0000	---	46.92	54.00	7.08	---	---	400.0	V	290	5.7
4781.0000	---	48.27	54.00	5.73	---	---	300.0	V	290	7.0
4799.5000	50.82	---	74.00	23.18	---	---	150.0	H	0	7.0
5419.5000	50.43	---	74.00	23.57	---	---	400.0	H	226	7.4
5455.0000	---	48.04	54.00	5.96	---	---	100.0	V	87	7.5

Note: 10dB Attenuator is used.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 71 WiFi=2.4GHz Part15=902-928MHz



Plot 9: Radiated Emissions at 3m SAC

Table 9: Quasi Peak Data of Radiated Emissions at 3m SAC

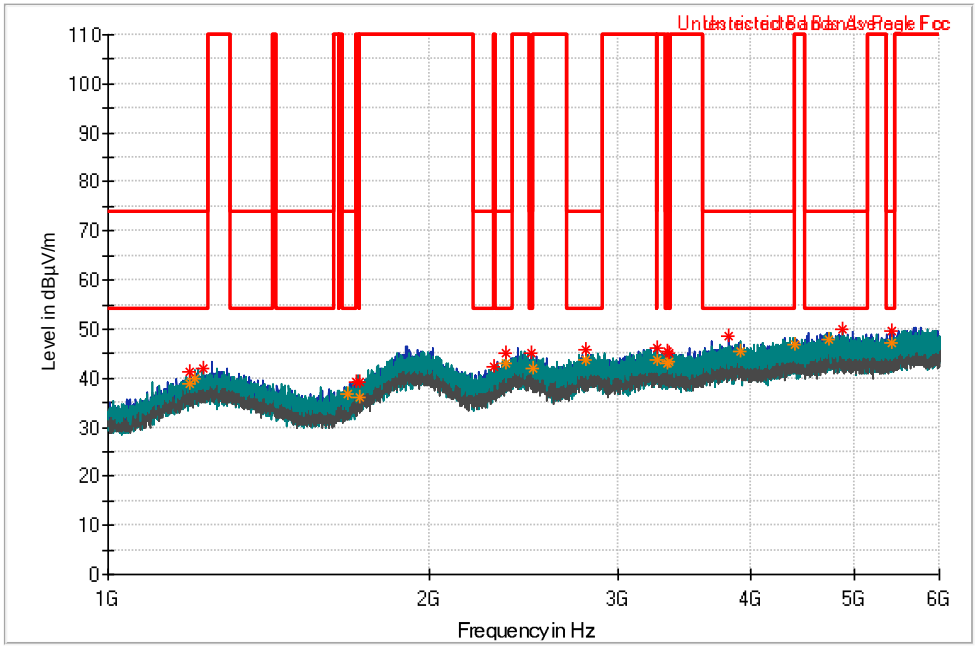
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1033.0000	---	39.81	54.00	14.19	---	---	200.0	V	312	-7.5
1033.0000	42.06	---	74.00	31.94	---	---	200.0	V	312	-7.5
1234.5000	40.69	---	74.00	33.31	---	---	100.0	H	183	-5.4
1234.5000	---	38.87	54.00	15.13	---	---	100.0	H	183	-5.4
1700.0000	---	40.44	54.00	13.56	---	---	250.0	V	97	-3.4
1701.5000	42.15	---	74.00	31.85	---	---	400.0	V	0	-3.4
1720.0000	---	38.10	54.00	15.90	---	---	150.0	H	44	-3.2
1804.5000	82.18	---	110.00	27.82	---	---	150.0	V	16	-2.0
2387.5000	45.70	---	74.00	28.30	---	---	250.0	V	16	0.1
2390.0000	---	43.53	54.00	10.47	---	---	250.0	V	52	0.1
2706.5000	---	52.31	54.00	1.69	---	---	150.0	H	325	1.0
2707.0000	54.39	---	74.00	19.61	---	---	350.0	H	313	1.0
2745.0000	48.96	---	74.00	25.04	---	---	350.0	H	75	1.1
2745.0000	---	47.88	54.00	6.12	---	---	150.0	V	358	1.1
2782.5000	---	54.13	54.00	-0.13*	---	---	300.0	H	52	1.2
2783.0000	55.98	---	74.00	18.02	---	---	150.0	H	55	1.2
3333.0000	---	43.40	54.00	10.60	---	---	150.0	H	108	2.5
3337.0000	45.34	---	74.00	28.66	---	---	250.0	H	97	2.5

3357.5000	---	44.27	54.00	9.73	---	---	200.0	V	64	2.6
3357.5000	45.71	---	74.00	28.29	---	---	200.0	V	64	2.6
3710.5000	---	48.15	54.00	5.85	---	---	250.0	V	97	3.8
3711.0000	49.73	---	74.00	24.27	---	---	300.0	H	0	3.8
4105.0000	---	47.30	54.00	6.70	---	---	250.0	H	171	5.0
4626.5000	---	48.64	54.00	5.36	---	---	200.0	V	233	6.6
4626.5000	50.31	---	74.00	23.69	---	---	200.0	V	233	6.6
5430.5000	50.98	---	74.00	23.02	---	---	250.0	V	0	7.4
5439.0000	---	47.57	54.00	6.43	---	---	200.0	V	0	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 2 WiFi=2.4GHz Part15=902-928MHz



Plot 10: Radiated Emissions at 3m SAC

Table 10: Quasi Peak Data of Radiated Emissions at 3m SAC

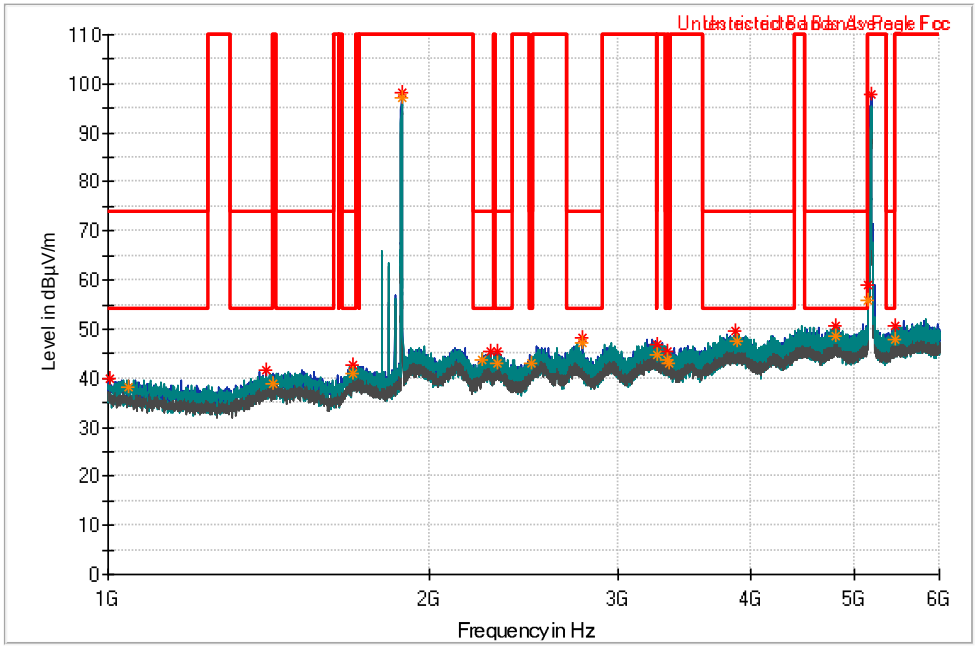
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1194.0000	41.14	---	74.00	32.86	---	---	100.0	H	254	-5.8
1194.0000	---	38.97	54.00	15.03	---	---	100.0	H	254	-5.8
1207.0000	---	39.95	54.00	14.05	---	---	100.0	V	1	-5.6
1228.0000	41.87	---	74.00	32.13	---	---	100.0	V	262	-5.4
1679.0000	---	36.90	54.00	17.10	---	---	100.0	H	224	-3.6
1705.5000	39.16	---	74.00	34.84	---	---	100.0	H	112	-3.3
1721.5000	---	36.25	54.00	17.75	---	---	100.0	H	304	-3.2
1722.0000	39.24	---	74.00	34.76	---	---	100.0	V	99	-3.2
2294.0000	42.23	---	74.00	31.77	---	---	100.0	V	119	-0.2
2358.0000	---	43.08	54.00	10.92	---	---	100.0	V	99	0.0
2358.0000	45.08	---	74.00	28.92	---	---	100.0	V	99	0.0
2489.0000	45.11	---	74.00	28.89	---	---	100.0	H	173	0.4
2498.0000	---	42.15	54.00	11.85	---	---	100.0	V	79	0.4
2795.5000	---	43.63	54.00	10.37	---	---	100.0	H	81	1.2
2796.0000	45.71	---	74.00	28.29	---	---	100.0	H	81	1.2
3264.5000	---	43.82	54.00	10.18	---	---	100.0	V	69	2.3
3264.5000	46.23	---	74.00	27.77	---	---	100.0	V	69	2.3
3334.0000	---	42.89	54.00	11.11	---	---	100.0	H	323	2.5

3337.0000	45.31	---	74.00	28.69	---	---	100.0	H	153	2.5
3353.5000	45.11	---	74.00	28.89	---	---	100.0	V	241	2.5
3353.5000	---	43.34	54.00	10.66	---	---	100.0	V	241	2.5
3808.5000	48.47	---	74.00	25.53	---	---	100.0	H	133	4.2
3903.0000	---	45.44	54.00	8.56	---	---	100.0	V	109	4.4
4393.5000	---	46.90	54.00	7.10	---	---	100.0	H	313	5.8
4722.5000	---	47.77	54.00	6.23	---	---	100.0	V	129	7.0
4869.0000	50.13	---	74.00	23.87	---	---	100.0	V	262	7.0
5417.5000	---	47.37	54.00	6.63	---	---	100.0	V	210	7.4
5417.5000	49.71	---	74.00	24.29	---	---	100.0	V	210	7.4

Note: 10dB Attenuator is used.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 25 WiFi=5.8GHz Part15=902-928MHz



Plot 11: Radiated Emissions at 3m SAC

Table 11: Quasi Peak Data of Radiated Emissions at 3m SAC

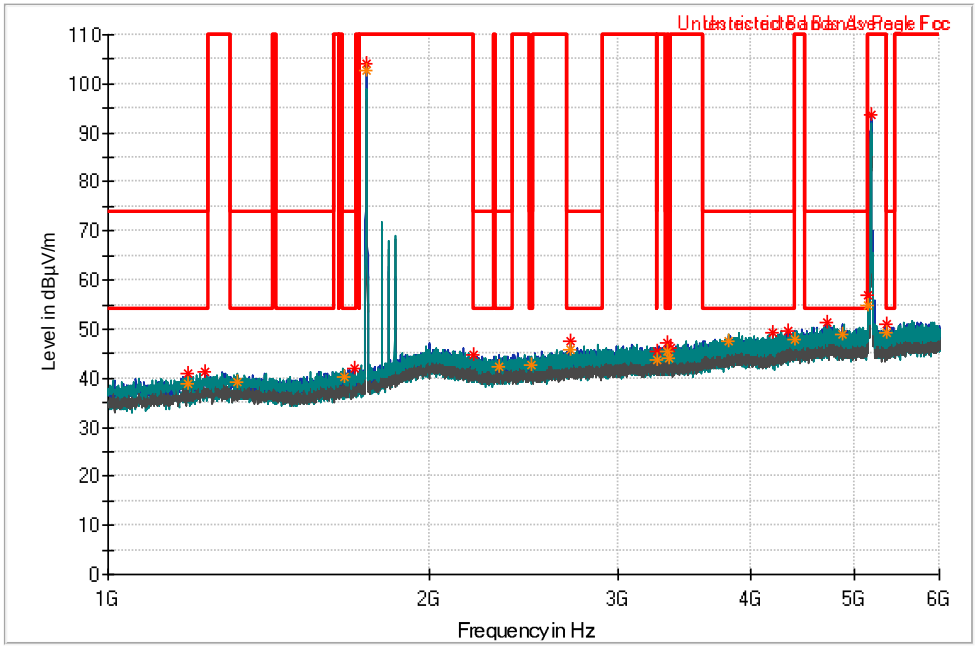
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1004.5000	39.76	---	74.00	34.24	---	---	250.0	H	256	-7.8
1045.0000	---	38.10	54.00	15.90	---	---	400.0	H	129	-7.3
1404.5000	41.48	---	74.00	32.52	---	---	250.0	H	2	-5.4
1426.5000	---	38.87	54.00	15.13	---	---	350.0	H	349	-5.5
1696.5000	42.59	---	74.00	31.41	---	---	200.0	H	0	-3.4
1697.5000	---	41.09	54.00	12.91	---	---	250.0	H	158	-3.4
1882.5000	---	97.16	110.00	12.84	---	---	350.0	H	214	-0.6
1882.5000	98.34	---	110.00	11.66	---	---	350.0	H	214	-0.6
2238.5000	---	43.84	54.00	10.16	---	---	350.0	V	130	-0.2
2278.0000	45.32	---	74.00	28.68	---	---	400.0	H	129	-0.2
2313.5000	45.61	---	74.00	28.39	---	---	400.0	H	320	-0.1
2316.5000	---	43.02	54.00	10.98	---	---	100.0	V	0	-0.1
2487.0000	---	43.06	54.00	10.94	---	---	350.0	V	64	0.4
2783.0000	---	47.10	54.00	6.90	---	---	250.0	H	312	1.2
2783.0000	48.30	---	74.00	25.70	---	---	250.0	H	312	1.2
3262.0000	46.85	---	74.00	27.15	---	---	350.0	H	324	2.3
3262.5000	---	44.86	54.00	9.14	---	---	100.0	H	0	2.3
3335.0000	45.40	---	74.00	28.60	---	---	150.0	V	333	2.5

3336.5000	---	43.78	54.00	10.22	---	---	100.0	V	278	2.5
3349.5000	---	43.16	54.00	10.84	---	---	350.0	V	257	2.5
3864.5000	49.75	---	74.00	24.25	---	---	100.0	V	212	4.3
3877.5000	---	47.54	54.00	6.46	---	---	250.0	H	85	4.4
4798.0000	50.63	---	74.00	23.37	---	---	300.0	V	157	7.0
4798.0000	---	48.58	54.00	5.42	---	---	300.0	V	157	7.0
5150.0000	---	55.92	54.00	-1.92*	---	---	200.0	H	352	7.1
5150.0000	58.84	---	74.00	15.16	---	---	200.0	H	352	7.1
5178.5000	97.90	---	110.00	12.10	---	---	200.0	H	0	7.1
5459.0000	---	47.94	54.00	6.06	---	---	350.0	H	236	7.5
5459.0000	50.62	---	74.00	23.38	---	---	350.0	H	236	7.5

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 66 WiFi=5.8GHz Part15=902-928MHz



Plot 12: Radiated Emissions at 3m SAC

Table 12: Quasi Peak Data of Radiated Emissions at 3m SAC

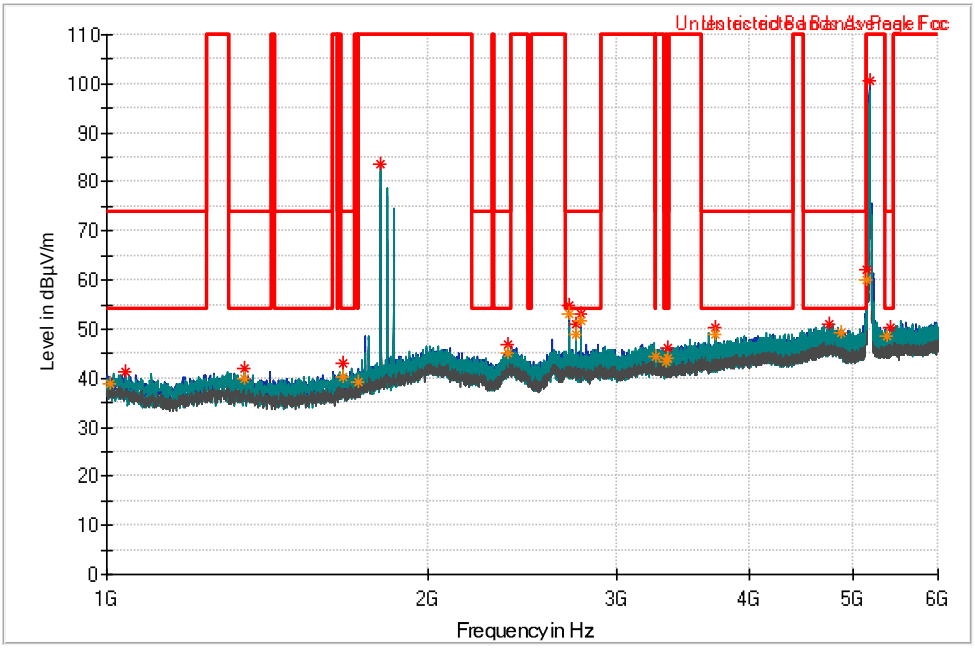
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1186.0000	40.97	---	74.00	33.03	---	---	300.0	V	305	-5.8
1186.0000	---	39.03	54.00	14.97	---	---	300.0	V	305	-5.8
1231.0000	41.17	---	74.00	32.83	---	---	300.0	H	307	-5.4
1320.5000	---	39.06	54.00	14.94	---	---	100.0	V	315	-5.3
1663.0000	---	40.38	54.00	13.62	---	---	300.0	H	297	-3.8
1702.0000	41.96	---	74.00	32.04	---	---	300.0	H	0	-3.4
1745.5000	---	102.84	110.00	7.16	---	---	150.0	H	228	-3.0
1746.0000	103.99	---	110.00	6.01	---	---	250.0	H	218	-2.9
2202.0000	44.88	---	74.00	29.12	---	---	250.0	V	202	0.1
2320.5000	---	42.51	54.00	11.49	---	---	200.0	H	209	-0.1
2491.0000	---	42.80	54.00	11.20	---	---	350.0	V	48	0.4
2707.0000	---	45.78	54.00	8.22	---	---	150.0	H	50	1.0
2707.0000	47.49	---	74.00	26.51	---	---	150.0	H	50	1.0
3265.5000	45.47	---	74.00	28.53	---	---	100.0	H	176	2.3
3265.5000	---	43.77	54.00	10.23	---	---	100.0	H	176	2.3
3337.5000	47.20	---	74.00	26.80	---	---	100.0	H	186	2.5
3337.5000	---	45.53	54.00	8.47	---	---	100.0	H	186	2.5
3354.0000	---	44.16	54.00	9.84	---	---	100.0	H	0	2.5

3358.0000	46.28	---	74.00	27.72	---	---	200.0	V	102	2.6
3810.5000	---	47.63	54.00	6.37	---	---	400.0	V	159	4.2
4185.5000	49.28	---	74.00	24.72	---	---	200.0	V	152	5.2
4322.5000	49.74	---	74.00	24.26	---	---	250.0	H	198	5.6
4394.0000	---	47.90	54.00	6.10	---	---	150.0	H	138	5.8
4709.0000	51.29	---	74.00	22.71	---	---	300.0	V	5	6.9
4871.0000	---	48.97	54.00	5.03	---	---	250.0	H	208	7.0
5147.5000	57.08	---	74.00	16.92	---	---	200.0	H	0	7.1
5147.5000	---	54.66	54.00	-0.66*	---	---	200.0	H	0	7.1
5183.5000	93.80	---	110.00	16.20	---	---	200.0	H	347	7.1
5355.0000	---	49.40	54.00	4.60	---	---	100.0	H	256	7.4
5355.0000	51.00	---	74.00	23.00	---	---	100.0	H	256	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 26 WiFi=5.8GHz Part15=902-928MHz



Plot 13: Radiated Emissions at 3m SAC

Table 13: Quasi Peak Data of Radiated Emissions at 3m SAC

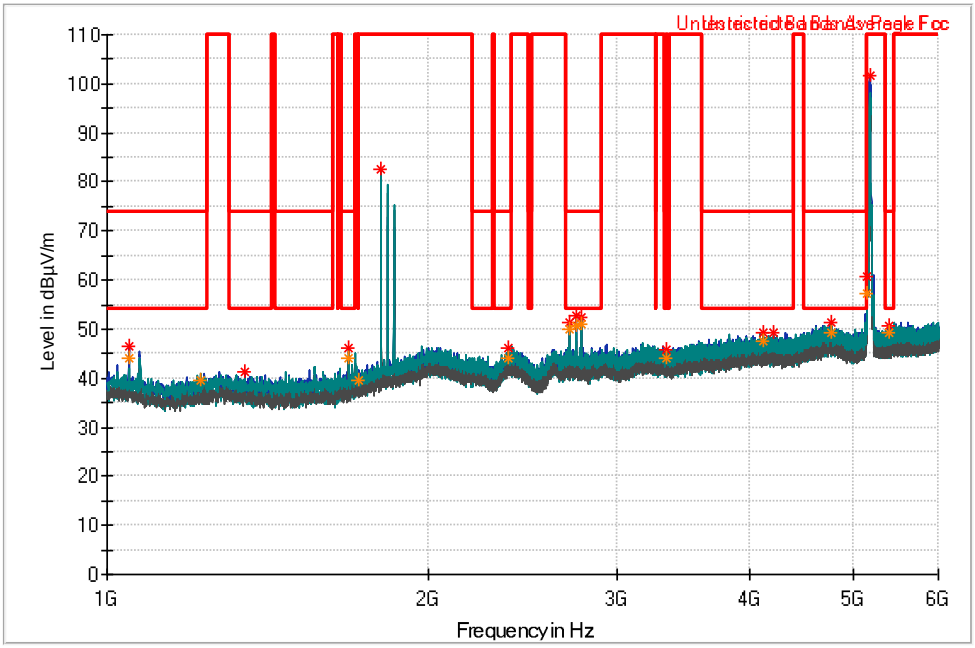
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1008.0000	---	38.95	54.00	15.05	---	---	150.0	H	202	-7.7
1039.5000	41.36	---	74.00	32.64	---	---	400.0	H	111	-7.4
1345.0000	41.90	---	74.00	32.10	---	---	300.0	V	232	-5.4
1345.0000	---	39.93	54.00	14.07	---	---	300.0	V	232	-5.4
1663.0000	---	40.32	54.00	13.68	---	---	150.0	V	343	-3.8
1663.0000	42.91	---	74.00	31.09	---	---	150.0	V	343	-3.8
1721.5000	---	39.32	54.00	14.68	---	---	200.0	H	357	-3.2
1805.0000	83.62	---	110.00	26.38	---	---	100.0	V	89	-2.0
2371.0000	---	45.11	54.00	8.89	---	---	300.0	H	271	0.0
2371.0000	46.91	---	74.00	27.09	---	---	300.0	H	271	0.0
2707.0000	---	53.10	54.00	0.90	---	---	100.0	H	38	1.0
2707.0000	54.86	---	74.00	19.14	---	---	100.0	H	38	1.0
2745.5000	---	48.90	54.00	5.10	---	---	200.0	V	2	1.1
2745.5000	50.84	---	74.00	23.16	---	---	200.0	V	2	1.1
2783.0000	---	51.60	54.00	2.40	---	---	300.0	H	70	1.2
2783.5000	53.18	---	74.00	20.82	---	---	150.0	H	63	1.2
3265.0000	---	44.31	54.00	9.69	---	---	400.0	H	293	2.3
3333.5000	---	43.55	54.00	10.45	---	---	150.0	H	222	2.5

3349.0000	---	44.03	54.00	9.97	---	---	250.0	V	101	2.5
3350.5000	46.27	---	74.00	27.73	---	---	250.0	H	212	2.5
3711.0000	---	48.91	54.00	5.09	---	---	250.0	V	0	3.8
3711.0000	50.19	---	74.00	23.81	---	---	250.0	V	0	3.8
4747.0000	51.04	---	74.00	22.96	---	---	100.0	V	158	7.1
4867.0000	---	49.31	54.00	4.69	---	---	300.0	V	232	7.0
5147.5000	62.24	---	74.00	11.76	---	---	200.0	H	0	7.1
5147.5000	---	60.14	54.00	-6.14*	---	---	200.0	H	0	7.1
5186.0000	100.78	---	110.00	9.22	---	---	200.0	H	350	7.2
5373.5000	---	48.55	54.00	5.45	---	---	300.0	H	271	7.4
5417.0000	50.45	---	74.00	23.55	---	---	150.0	H	305	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 13 WiFi=5.8GHz Part15=902-928MHz



Plot 14: Radiated Emissions at 3m SAC

Table 14: Quasi Peak Data of Radiated Emissions at 3m SAC

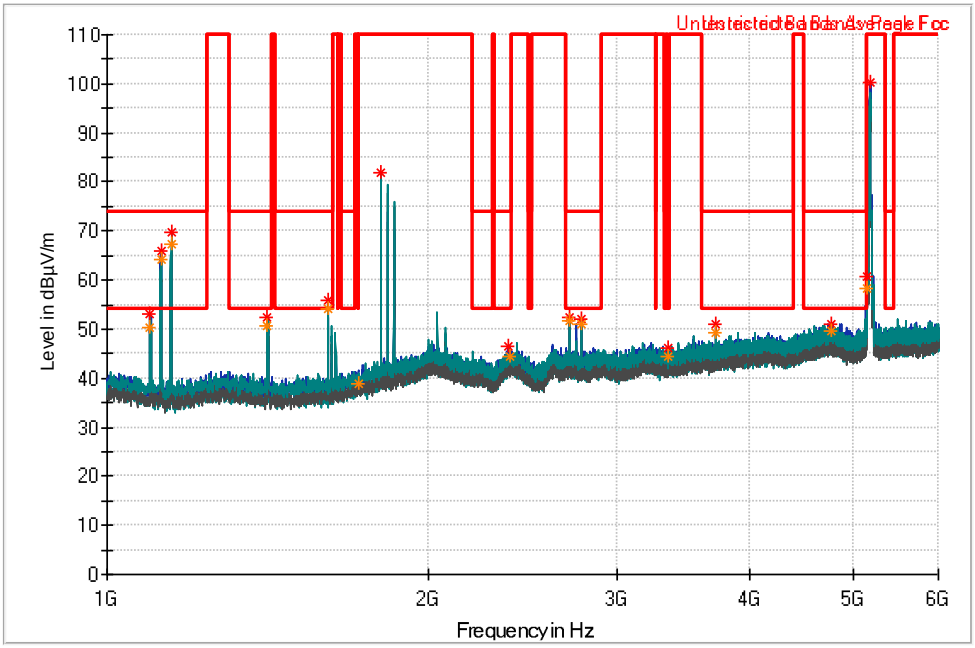
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1047.5000	---	44.20	54.00	9.80	---	---	300.0	H	213	-7.3
1049.0000	46.51	---	74.00	27.49	---	---	300.0	H	213	-7.3
1225.0000	---	39.55	54.00	14.45	---	---	100.0	V	0	-5.5
1344.0000	41.40	---	74.00	32.60	---	---	300.0	H	203	-5.4
1683.5000	46.09	---	74.00	27.91	---	---	150.0	V	38	-3.6
1683.5000	---	44.02	54.00	9.98	---	---	150.0	V	38	-3.6
1720.5000	---	39.48	54.00	14.52	---	---	400.0	H	152	-3.2
1804.5000	82.65	---	110.00	27.35	---	---	150.0	V	38	-2.0
2374.0000	---	44.22	54.00	9.78	---	---	100.0	H	163	0.0
2374.0000	46.07	---	74.00	27.93	---	---	100.0	H	163	0.0
2707.0000	---	49.95	54.00	4.05	---	---	350.0	H	0	1.0
2707.0000	51.38	---	74.00	22.62	---	---	200.0	V	0	1.0
2745.5000	---	50.77	54.00	3.23	---	---	250.0	H	315	1.1
2746.0000	52.66	---	74.00	21.34	---	---	250.0	H	315	1.1
2783.5000	52.56	---	74.00	21.44	---	---	100.0	V	315	1.2
2783.5000	---	50.91	54.00	3.09	---	---	350.0	H	81	1.2
3337.5000	---	44.10	54.00	9.90	---	---	300.0	H	173	2.5
3337.5000	45.92	---	74.00	28.08	---	---	300.0	H	173	2.5

4116.5000	49.37	---	74.00	24.63	---	---	100.0	V	192	5.0
4116.5000	---	47.51	54.00	6.49	---	---	100.0	V	192	5.0
4202.0000	49.37	---	74.00	24.63	---	---	300.0	V	0	5.3
4766.0000	---	49.36	54.00	4.64	---	---	300.0	V	22	7.1
4766.0000	51.33	---	74.00	22.67	---	---	300.0	V	22	7.1
5145.5000	---	57.22	54.00	-3.22*	---	---	200.0	H	0	7.1
5150.0000	60.67	---	74.00	13.33	---	---	200.0	H	0	7.1
5173.0000	101.68	---	110.00	8.32	---	---	200.0	H	351	7.1
5400.0000	50.81	---	74.00	23.19	---	---	400.0	H	252	7.4
5400.0000	---	49.30	54.00	4.70	---	---	400.0	H	252	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 71 WiFi=5.8GHz Part15=902-928MHz



Plot 15: Radiated Emissions at 3m SAC

Table 15: Quasi Peak Data of Radiated Emissions at 3m SAC

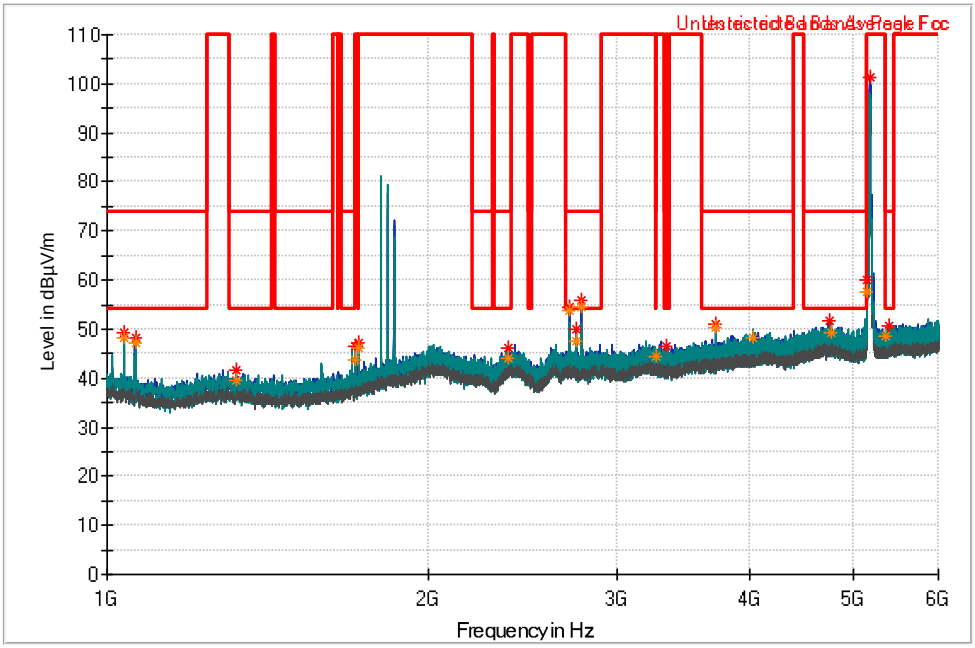
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1097.5000	---	50.41	54.00	3.59	---	---	150.0	V	358	-6.8
1097.5000	53.03	---	74.00	20.97	---	---	150.0	V	358	-6.8
1122.5000	---	64.33	54.00	-10.33*	---	---	150.0	H	305	-6.5
1123.0000	65.98	---	74.00	8.02	---	---	150.0	H	305	-6.5
1148.0000	---	67.31	54.00	-13.31*	---	---	100.0	V	6	-6.2
1149.0000	69.66	---	74.00	4.34	---	---	100.0	V	6	-6.2
1413.5000	---	50.53	54.00	3.47	---	---	200.0	V	40	-5.5
1413.5000	52.40	---	74.00	21.60	---	---	200.0	V	40	-5.5
1610.0000	55.72	---	74.00	18.28	---	---	150.0	V	15	-4.3
1610.0000	---	54.00	54.00	0.00	---	---	150.0	V	15	-4.3
1721.5000	---	38.93	54.00	15.07	---	---	150.0	V	101	-3.2
1804.5000	81.79	---	110.00	28.21	---	---	150.0	V	15	-2.0
2372.5000	46.34	---	74.00	27.66	---	---	350.0	H	315	0.0
2380.5000	---	44.41	54.00	9.59	---	---	200.0	H	154	0.1
2707.0000	---	51.56	54.00	2.44	---	---	350.0	V	60	1.0
2707.0000	52.50	---	74.00	21.50	---	---	350.0	V	60	1.0
2783.5000	51.93	---	74.00	22.07	---	---	100.0	H	50	1.2
2783.5000	---	50.86	54.00	3.14	---	---	100.0	H	50	1.2

3348.0000	---	44.43	54.00	9.57	---	---	350.0	H	0	2.5
3352.0000	46.19	---	74.00	27.81	---	---	150.0	H	70	2.5
3710.5000	---	49.40	54.00	4.60	---	---	250.0	H	273	3.8
3710.5000	51.04	---	74.00	22.96	---	---	250.0	H	273	3.8
4766.5000	51.11	---	74.00	22.89	---	---	200.0	H	264	7.1
4766.5000	---	49.63	54.00	4.37	---	---	200.0	H	264	7.1
5147.5000	60.76	---	74.00	13.24	---	---	100.0	H	294	7.1
5150.0000	---	58.21	54.00	-4.21*	---	---	200.0	H	0	7.1
5177.5000	100.33	---	110.00	9.67	---	---	200.0	H	353	7.1

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 1GHz to 6GHz
- Test mode: 1

LTE=Band 14 WiFi=5.8GHz Part15=902-928MHz



Plot 16: Radiated Emissions at 3m SAC

Table 16: Quasi Peak Data of Radiated Emissions at 3m SAC

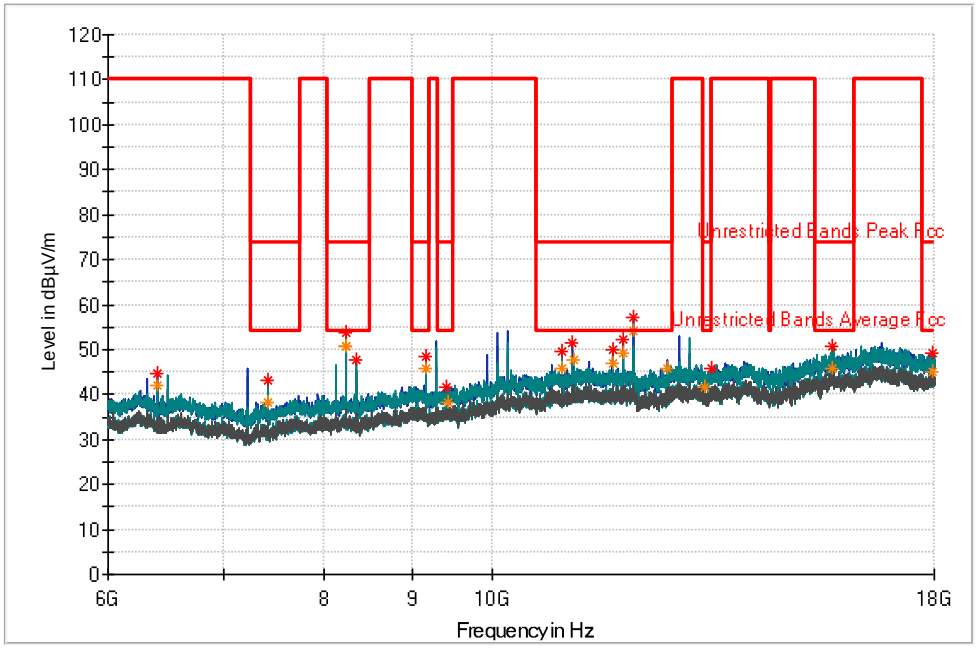
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1037.0000	---	48.40	54.00	5.60	---	---	200.0	H	285	-7.4
1037.5000	49.38	---	74.00	24.62	---	---	200.0	H	285	-7.4
1063.0000	---	47.32	54.00	6.68	---	---	200.0	H	50	-7.1
1063.0000	48.11	---	74.00	25.89	---	---	250.0	H	96	-7.1
1321.5000	41.81	---	74.00	32.19	---	---	150.0	V	264	-5.3
1321.5000	---	39.59	54.00	14.41	---	---	150.0	V	264	-5.3
1708.0000	---	43.86	54.00	10.14	---	---	350.0	V	339	-3.3
1708.5000	46.44	---	74.00	27.56	---	---	350.0	V	339	-3.3
1721.0000	---	46.09	54.00	7.91	---	---	150.0	V	323	-3.2
1721.0000	47.30	---	74.00	26.70	---	---	150.0	V	323	-3.2
2372.0000	---	44.19	54.00	9.81	---	---	400.0	H	0	0.0
2377.0000	46.14	---	74.00	27.86	---	---	150.0	H	130	0.0
2707.0000	---	53.69	54.00	0.31	---	---	300.0	H	306	1.0
2707.0000	54.54	---	74.00	19.46	---	---	300.0	H	306	1.0
2745.5000	---	47.50	54.00	6.50	---	---	300.0	H	39	1.1
2745.5000	49.80	---	74.00	24.20	---	---	300.0	H	39	1.1
2783.0000	---	54.35	54.00	-0.35*	---	---	400.0	H	49	1.2
2783.5000	55.86	---	74.00	18.14*	---	---	400.0	H	49	1.2

3264.0000	---	44.30	54.00	9.70	---	---	100.0	H	195	2.3
3337.0000	46.33	---	74.00	27.67	---	---	200.0	V	171	2.5
3711.0000	51.09	---	74.00	22.91	---	---	100.0	H	359	3.8
3711.0000	---	50.26	54.00	3.74	---	---	100.0	H	359	3.8
4020.5000	---	48.35	54.00	5.65	---	---	300.0	V	150	4.8
4737.5000	51.60	---	74.00	22.40	---	---	200.0	H	295	7.0
4762.0000	---	49.15	54.00	4.85	---	---	300.0	V	0	7.1
5147.0000	---	57.69	54.00	-3.69*	---	---	200.0	H	0	7.1
5150.0000	60.17	---	74.00	13.83	---	---	150.0	H	0	7.1
5173.0000	101.27	---	110.00	8.73	---	---	200.0	H	0	7.1
5351.5000	---	48.63	54.00	5.37	---	---	400.0	V	210	7.4
5389.0000	50.56	---	74.00	23.44	---	---	200.0	V	100	7.4

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 71 WiFi=2.4GHz Part15=902-928MHz



Plot 17: Radiated Emissions at 3m SAC

Table 17: Quasi Peak Data of Radiated Emissions at 3m SAC

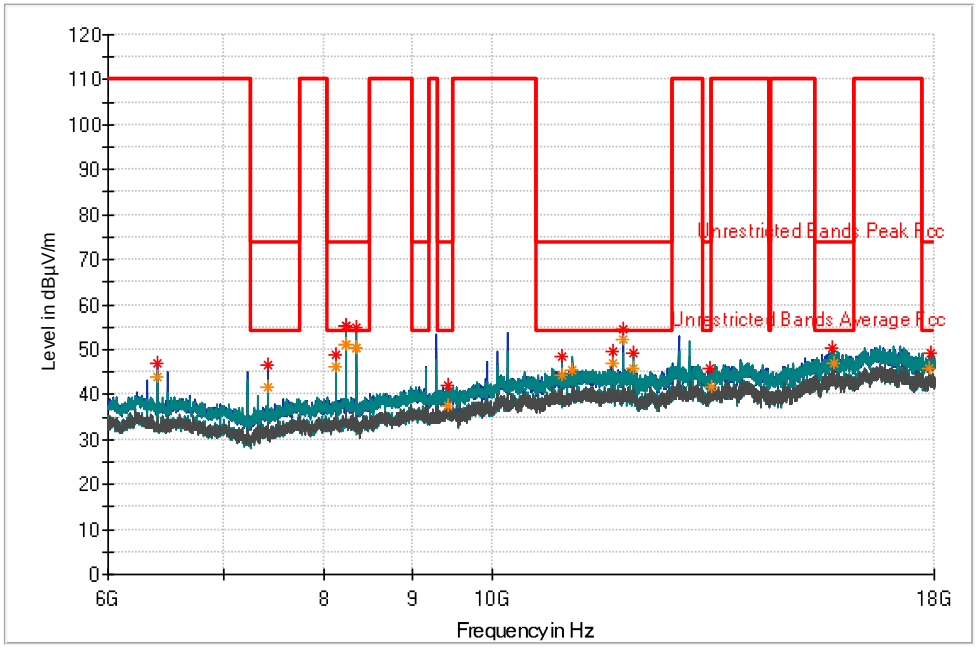
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6405.6000	44.52	---	110.00	65.48	---	---	200.0	H	5	-6.8
6406.8000	---	41.99	110.00	68.01	---	---	200.0	H	5	-6.8
7422.0000	43.23	---	74.00	30.77	---	---	200.0	V	42	-4.7
7423.2000	---	38.18	54.00	15.82	---	---	200.0	V	301	-4.7
8235.6000	53.68	---	74.00	20.32	---	---	300.0	V	92	-3.0
8236.8000	---	50.72	54.00	3.28	---	---	300.0	V	92	-3.0
8236.8000	---	50.72	54.00	3.28	---	---	300.0	V	92	-3.0
8350.8000	47.78	---	74.00	26.22	---	---	350.0	V	128	-2.8
9151.2000	48.58	---	74.00	25.42	---	---	250.0	H	115	-0.6
9152.4000	---	45.70	54.00	8.30	---	---	250.0	H	115	-0.6
9412.8000	41.82	---	74.00	32.18	---	---	250.0	H	213	0.2
9426.0000	---	38.41	54.00	15.59	---	---	150.0	H	313	0.2
10981.2000	49.78	---	74.00	24.22	---	---	150.0	V	28	4.5
10981.2000	---	45.83	54.00	8.17	---	---	150.0	V	28	4.5
11133.6000	51.32	---	74.00	22.68	---	---	200.0	H	5	4.9
11134.8000	---	47.62	54.00	6.38	---	---	200.0	H	0	4.9
11728.8000	50.02	---	74.00	23.98	---	---	250.0	H	259	6.5
11730.0000	---	46.99	54.00	7.01	---	---	250.0	H	127	6.5

11895.6000	52.17	---	74.00	21.83	---	---	150.0	H	325	7.6
11896.8000	---	49.32	54.00	4.68	---	---	150.0	H	325	7.6
12060.0000	57.15	---	74.00	16.85	---	---	150.0	H	0	8.1
12061.2000	---	54.14	54.00	-0.14*	---	---	150.0	H	0	8.1
12632.4000	---	45.82	54.00	8.18	---	---	100.0	H	28	7.6
13255.2000	---	41.81	54.00	12.19	---	---	200.0	V	150	6.6
13372.8000	45.92	---	74.00	28.08	---	---	150.0	V	5	6.8
15724.8000	---	45.93	54.00	8.07	---	---	200.0	V	79	12.5
15724.8000	50.91	---	74.00	23.09	---	---	200.0	V	79	12.5
17973.6000	49.37	---	74.00	24.63	---	---	100.0	V	290	15.1
17974.8000	---	45.05	54.00	8.95	---	---	100.0	V	149	15.1

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 5 WiFi=2.4GHz Part15=902-928MHz



Plot 18: Radiated Emissions at 3m SAC

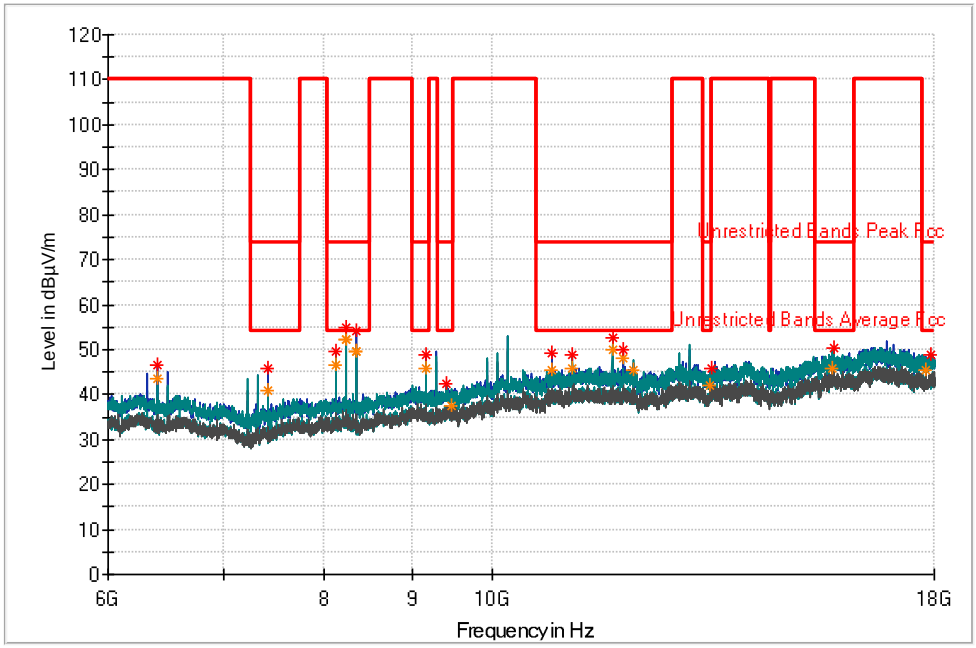
Table 18: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6406.8000	46.84	---	110.00	63.16	---	---	250.0	H	339	-6.8
6406.8000	---	43.90	110.00	66.10	---	---	100.0	V	16	-6.8
7422.0000	46.46	---	74.00	27.54	---	---	250.0	H	339	-4.7
7423.2000	---	41.83	54.00	12.17	---	---	100.0	H	155	-4.7
8120.4000	48.88	---	74.00	25.12	---	---	250.0	V	0	-3.3
8121.6000	---	46.03	54.00	7.97	---	---	250.0	V	0	-3.3
8236.8000	---	50.94	54.00	3.06	---	---	300.0	V	66	-3.0
8236.8000	55.20	---	74.00	18.80	---	---	200.0	V	336	-3.0
8236.8000	---	50.94	54.00	3.06	---	---	300.0	V	66	-3.0
8236.8000	55.20	---	74.00	18.80	---	---	200.0	V	336	-3.0
8349.6000	54.89	---	74.00	19.11	---	---	250.0	V	0	-2.8
8350.8000	---	50.31	54.00	3.69	---	---	250.0	V	0	-2.8
8350.8000	---	50.31	54.00	3.69	---	---	250.0	V	0	-2.8
9422.4000	---	37.47	54.00	16.53	---	---	400.0	V	292	0.2
9434.4000	41.85	---	74.00	32.15	---	---	250.0	V	16	0.3
10982.4000	---	44.47	54.00	9.53	---	---	150.0	V	29	4.5
10982.4000	48.38	---	74.00	25.62	---	---	150.0	H	0	4.5
11133.6000	---	45.56	54.00	8.44	---	---	100.0	V	231	4.9

11730.0000	---	46.97	54.00	7.03	---	---	250.0	H	0	6.5
11730.0000	49.66	---	74.00	24.34	---	---	250.0	H	0	6.5
11895.6000	54.39	---	74.00	19.61	---	---	150.0	H	0	7.6
11896.8000	---	52.15	54.00	1.85	---	---	150.0	H	0	7.6
12060.0000	49.33	---	74.00	24.67	---	---	100.0	V	358	8.1
12061.2000	---	45.73	54.00	8.27	---	---	100.0	V	358	8.1
13352.4000	45.66	---	74.00	28.34	---	---	250.0	V	0	6.8
13380.0000	---	41.56	54.00	12.44	---	---	250.0	H	0	6.8
15717.6000	50.32	---	74.00	23.68	---	---	150.0	H	222	12.5
15735.6000	---	46.81	54.00	7.19	---	---	200.0	H	154	12.6
17862.0000	---	45.72	54.00	8.28	---	---	300.0	H	310	15.0
17905.2000	49.23	---	74.00	24.77	---	---	350.0	V	306	15.1

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 12 WiFi=2.4GHz Part15=902-928MHz



Plot 19: Radiated Emissions at 3m SAC

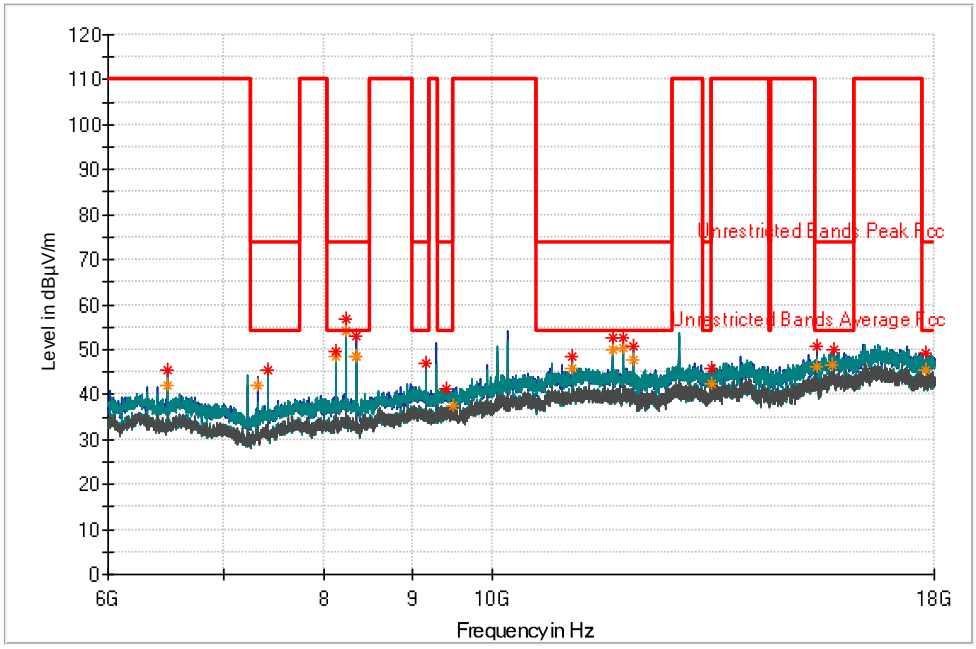
Table 19: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6405.6000	46.57	---	110.00	63.43	---	---	250.0	H	340	-6.8
6406.8000	---	43.57	110.00	66.43	---	---	250.0	H	340	-6.8
7422.0000	45.79	---	74.00	28.21	---	---	250.0	H	340	-4.7
7422.0000	---	41.05	54.00	12.95	---	---	250.0	H	340	-4.7
8120.4000	49.59	---	74.00	24.41	---	---	200.0	H	0	-3.3
8121.6000	---	46.70	54.00	7.30	---	---	200.0	H	0	-3.3
8235.6000	54.87	---	74.00	19.13	---	---	200.0	H	118	-3.0
8236.8000	---	52.16	54.00	1.84	---	---	200.0	H	118	-3.0
8236.8000	---	52.16	54.00	1.84	---	---	200.0	H	118	-3.0
8349.6000	54.23	---	74.00	19.77	---	---	200.0	H	323	-2.8
8350.8000	---	49.69	54.00	4.31	---	---	200.0	H	323	-2.8
8350.8000	---	49.69	54.00	4.31	---	---	200.0	H	323	-2.8
9150.0000	48.94	---	74.00	25.06	---	---	200.0	H	3	-0.6
9151.2000	---	45.76	54.00	8.24	---	---	200.0	H	118	-0.6
9418.8000	42.28	---	74.00	31.72	---	---	150.0	V	0	0.2
9481.2000	---	37.63	54.00	16.37	---	---	300.0	V	186	0.4
10828.8000	49.27	---	74.00	24.73	---	---	200.0	H	0	4.5
10828.8000	---	45.43	54.00	8.57	---	---	200.0	H	0	4.5

11132.4000	48.94	---	74.00	25.06	---	---	150.0	V	323	4.9
11133.6000	---	45.97	54.00	8.03	---	---	150.0	V	70	4.9
11730.0000	---	50.08	54.00	3.92	---	---	150.0	V	0	6.5
11730.0000	52.70	---	74.00	21.30	---	---	150.0	V	0	6.5
11895.6000	50.04	---	74.00	23.96	---	---	250.0	H	103	7.6
11896.8000	---	48.01	54.00	5.99	---	---	250.0	H	103	7.6
12061.2000	---	45.45	54.00	8.55	---	---	300.0	V	359	8.1
13348.8000	---	41.96	54.00	12.04	---	---	400.0	H	23	6.8
13380.0000	45.71	---	74.00	28.29	---	---	300.0	H	48	6.8
15730.8000	---	45.72	54.00	8.28	---	---	350.0	V	349	12.6
15736.8000	50.42	---	74.00	23.58	---	---	200.0	H	107	12.6
17805.6000	---	45.35	54.00	8.65	---	---	400.0	V	80	15.0
17901.6000	48.87	---	74.00	25.13	---	---	150.0	H	292	15.1

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 13 WiFi=2.4GHz Part15=902-928MHz



Plot 20: Radiated Emissions at 3m SAC

Table 20: Quasi Peak Data of Radiated Emissions at 3m SAC

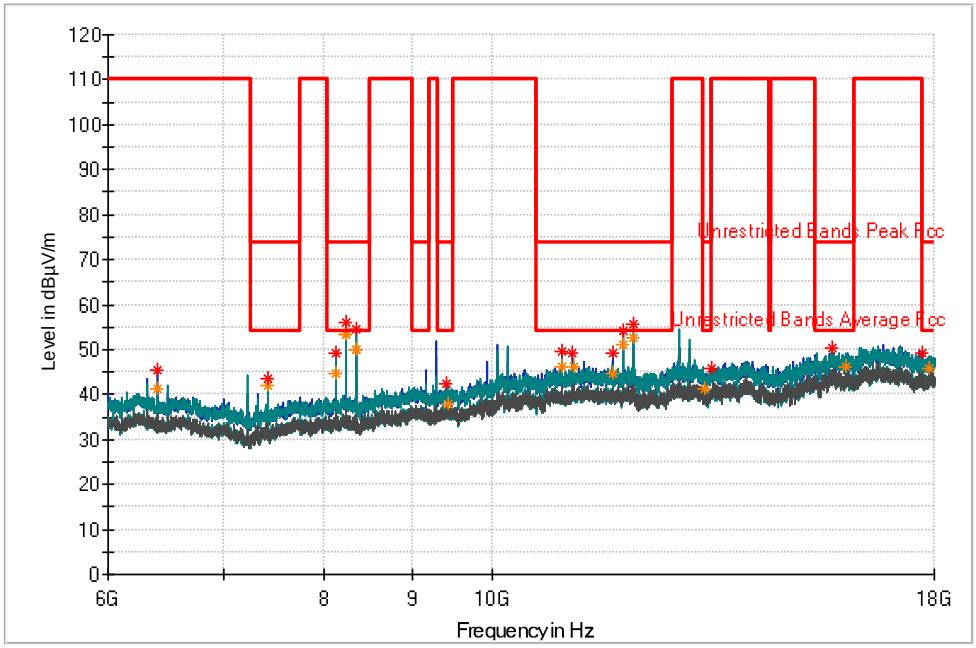
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6494.4000	45.38	---	110.00	64.62	---	---	200.0	H	0	-6.6
6494.4000	---	42.11	110.00	67.89	---	---	200.0	H	0	-6.6
7322.4000	---	41.98	54.00	12.02	---	---	200.0	H	142	-4.8
7422.0000	45.29	---	74.00	28.71	---	---	100.0	V	337	-4.7
8121.6000	49.45	---	74.00	24.55	---	---	200.0	H	0	-3.3
8121.6000	---	48.30	54.00	5.70	---	---	200.0	H	0	-3.3
8235.6000	56.94	---	74.00	17.06	---	---	250.0	V	0	-3.0
8236.8000	---	54.05	54.00	-0.05*	---	---	250.0	V	0	-3.0
8236.8000	---	54.05	54.00	-0.05*	---	---	250.0	V	0	-3.0
8349.6000	52.90	---	74.00	21.10	---	---	200.0	H	0	-2.8
8350.8000	---	48.53	54.00	5.47	---	---	200.0	H	0	-2.8
8350.8000	---	48.53	54.00	5.47	---	---	200.0	H	0	-2.8
9152.4000	46.80	---	74.00	27.20	---	---	250.0	H	166	-0.6
9417.6000	41.44	---	74.00	32.56	---	---	250.0	V	0	0.2
9487.2000	---	37.62	54.00	16.38	---	---	300.0	H	274	0.4
11132.4000	48.54	---	74.00	25.46	---	---	150.0	H	0	4.9
11133.6000	---	45.64	54.00	8.36	---	---	150.0	H	0	4.9
11730.0000	---	50.01	54.00	3.99	---	---	250.0	H	308	6.5

11731.2000	52.77	---	74.00	21.23	---	---	250.0	H	308	6.5
11895.6000	52.70	---	74.00	21.30	---	---	200.0	H	142	7.6
11896.8000	---	50.30	54.00	3.70	---	---	200.0	H	142	7.6
12061.2000	50.71	---	74.00	23.29	---	---	150.0	V	15	8.1
12062.4000	---	47.64	54.00	6.36	---	---	150.0	V	15	8.1
13371.6000	45.88	---	74.00	28.12	---	---	300.0	V	139	6.8
13386.0000	---	42.32	54.00	11.68	---	---	250.0	V	225	6.8
15403.2000	---	46.07	54.00	7.93	---	---	250.0	H	0	10.9
15403.2000	50.79	---	74.00	23.21	---	---	250.0	H	0	10.9
15733.2000	---	46.62	54.00	7.38	---	---	300.0	V	0	12.6
15751.2000	49.78	---	74.00	24.22	---	---	400.0	V	292	12.7
17817.6000	---	45.48	54.00	8.52	---	---	200.0	V	291	15.0
17817.6000	49.04	---	74.00	24.96	---	---	200.0	V	291	15.0

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 14 WiFi=2.4GHz Part15=902-928MHz



Plot 21: Radiated Emissions at 3m SAC

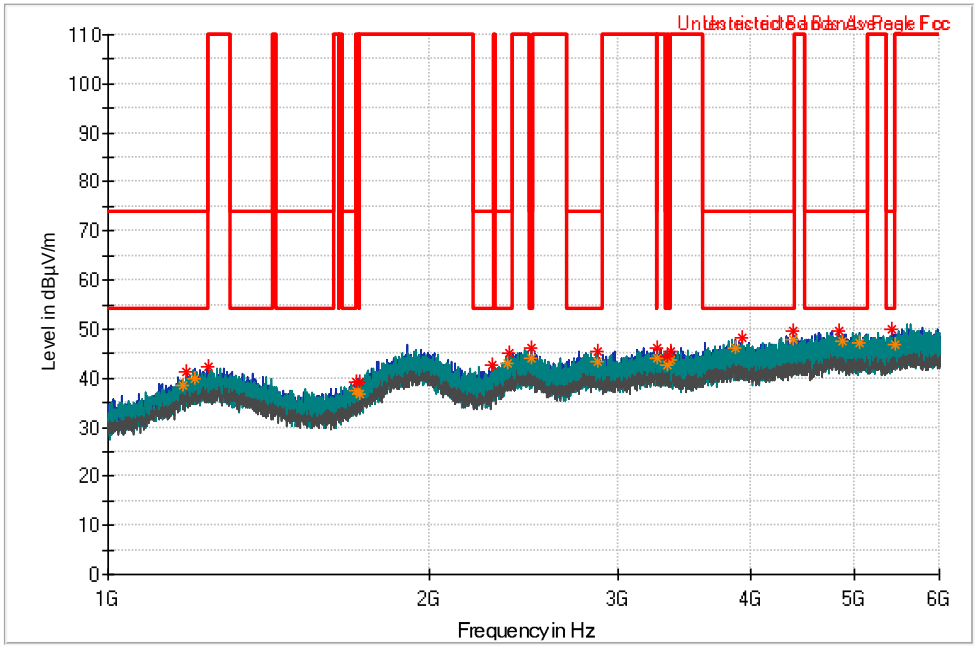
Table 21: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6405.6000	45.55	---	110.00	64.45	---	---	200.0	H	142	-6.8
6406.8000	---	41.45	110.00	68.55	---	---	200.0	H	130	-6.8
7423.2000	43.70	---	74.00	30.30	---	---	200.0	H	142	-4.7
7423.2000	---	42.04	54.00	11.96	---	---	200.0	H	142	-4.7
8121.6000	---	44.77	54.00	9.23	---	---	150.0	V	0	-3.3
8121.6000	49.06	---	74.00	24.94	---	---	150.0	V	0	-3.3
8235.6000	56.18	---	74.00	17.82	---	---	150.0	V	67	-3.0
8236.8000	---	53.25	54.00	0.75	---	---	150.0	V	67	-3.0
8236.8000	---	53.25	54.00	0.75	---	---	150.0	V	67	-3.0
8349.6000	54.53	---	74.00	19.47	---	---	250.0	V	1	-2.8
8350.8000	---	49.83	54.00	4.17	---	---	250.0	V	1	-2.8
8350.8000	---	49.83	54.00	4.17	---	---	250.0	V	1	-2.8
9412.8000	42.27	---	74.00	31.73	---	---	100.0	H	336	0.2
9423.6000	---	38.01	54.00	15.99	---	---	250.0	V	56	0.2
10981.2000	---	46.26	54.00	7.74	---	---	200.0	V	343	4.5
10981.2000	49.40	---	74.00	24.60	---	---	150.0	V	20	4.5
11133.6000	49.34	---	74.00	24.66	---	---	200.0	H	95	4.9
11134.8000	---	46.12	54.00	7.88	---	---	200.0	H	1	4.9

11730.0000	---	44.58	54.00	9.42	---	---	250.0	H	310	6.5
11730.0000	49.11	---	74.00	24.89	---	---	250.0	H	310	6.5
11895.6000	54.10	---	74.00	19.90	---	---	100.0	H	60	7.6
11896.8000	---	51.23	54.00	2.77	---	---	100.0	H	60	7.6
12060.0000	55.79	---	74.00	18.21	---	---	200.0	V	0	8.1
12061.2000	---	52.60	54.00	1.40	---	---	200.0	V	0	8.1
13266.0000	---	41.28	54.00	12.72	---	---	300.0	V	284	6.6
13376.4000	45.65	---	74.00	28.35	---	---	100.0	H	261	6.8
15726.0000	50.39	---	74.00	23.61	---	---	100.0	V	0	12.5
15991.2000	---	46.19	54.00	7.81	---	---	250.0	V	0	11.9
17708.4000	49.07	---	74.00	24.93	---	---	150.0	V	125	14.8
17881.2000	---	45.63	54.00	8.37	---	---	200.0	H	224	15.0

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 14 WiFi=2.4GHz Part15=902-928MHz



Plot 22: Radiated Emissions at 3m SAC

Table 22: Quasi Peak Data of Radiated Emissions at 3m SAC

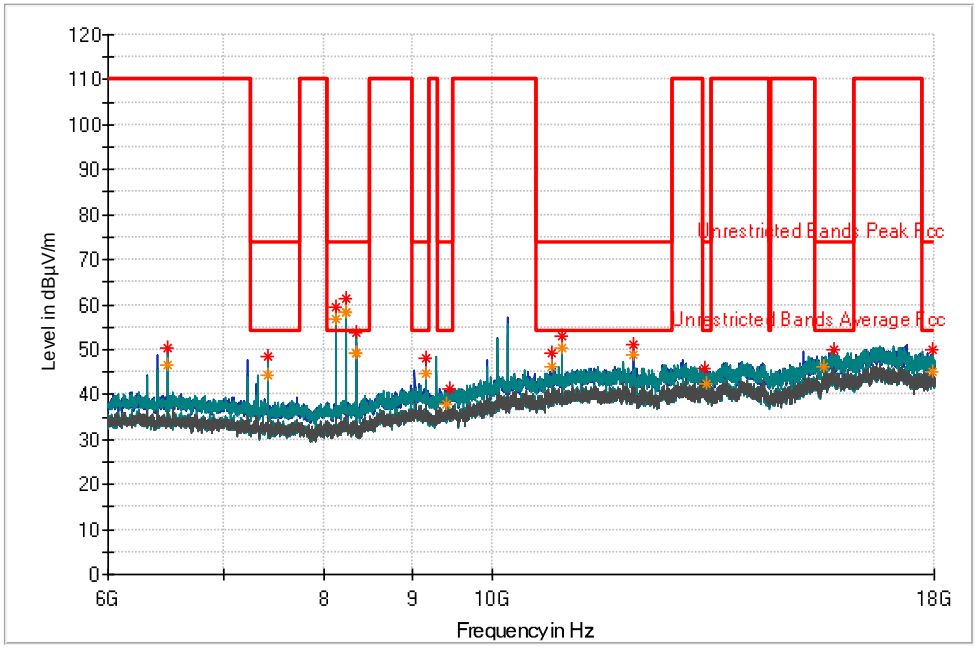
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1173.5000	---	38.66	54.00	15.34	---	---	100.0	V	0	-6.0
1185.5000	41.30	---	74.00	32.70	---	---	100.0	H	287	-5.8
1203.5000	---	39.97	54.00	14.03	---	---	100.0	H	277	-5.7
1239.5000	42.36	---	74.00	31.64	---	---	100.0	H	113	-5.3
1704.5000	---	37.56	54.00	16.44	---	---	100.0	H	0	-3.4
1709.0000	39.12	---	74.00	34.88	---	---	100.0	H	307	-3.3
1720.5000	---	36.78	54.00	17.22	---	---	100.0	V	188	-3.2
1720.5000	39.17	---	74.00	34.83	---	---	100.0	V	188	-3.2
2292.5000	42.73	---	74.00	31.27	---	---	100.0	H	327	-0.2
2366.0000	---	43.09	54.00	10.91	---	---	100.0	V	282	0.0
2373.5000	45.25	---	74.00	28.75	---	---	100.0	H	0	0.0
2489.0000	46.19	---	74.00	27.81	---	---	100.0	H	266	0.4
2489.0000	---	44.19	54.00	9.81	---	---	100.0	H	266	0.4
2870.0000	---	43.31	54.00	10.69	---	---	100.0	H	266	1.4
2877.5000	45.51	---	74.00	28.49	---	---	100.0	H	124	1.4
3263.0000	---	44.18	54.00	9.82	---	---	100.0	V	56	2.3
3263.5000	46.07	---	74.00	27.93	---	---	100.0	H	307	2.3
3336.5000	44.52	---	74.00	29.48	---	---	100.0	H	103	2.5

3339.0000	---	42.70	54.00	11.30	---	---	100.0	H	256	2.5
3357.0000	45.43	---	74.00	28.57	---	---	100.0	H	356	2.5
3357.0000	---	43.76	54.00	10.24	---	---	100.0	H	356	2.5
3868.0000	---	46.03	54.00	7.97	---	---	100.0	H	0	4.3
3924.0000	48.19	---	74.00	25.81	---	---	100.0	V	168	4.5
4382.0000	49.75	---	74.00	24.25	---	---	100.0	H	266	5.8
4382.0000	---	47.74	54.00	6.26	---	---	100.0	H	266	5.8
4838.5000	49.72	---	74.00	24.28	---	---	100.0	H	0	7.0
4869.0000	---	47.58	54.00	6.42	---	---	100.0	H	82	7.0
5059.0000	---	47.24	54.00	6.76	---	---	100.0	H	195	7.0
5407.0000	50.05	---	74.00	23.95	---	---	100.0	H	60	7.4
5459.5000	---	46.80	54.00	7.20	---	---	100.0	H	185	7.5

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin. 10dB Attenuator is used.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 2 WiFi=2.4GHz Part15=902-928MHz



Plot 23: Radiated Emissions at 3m SAC

Table 23: Quasi Peak Data of Radiated Emissions at 3m SAC

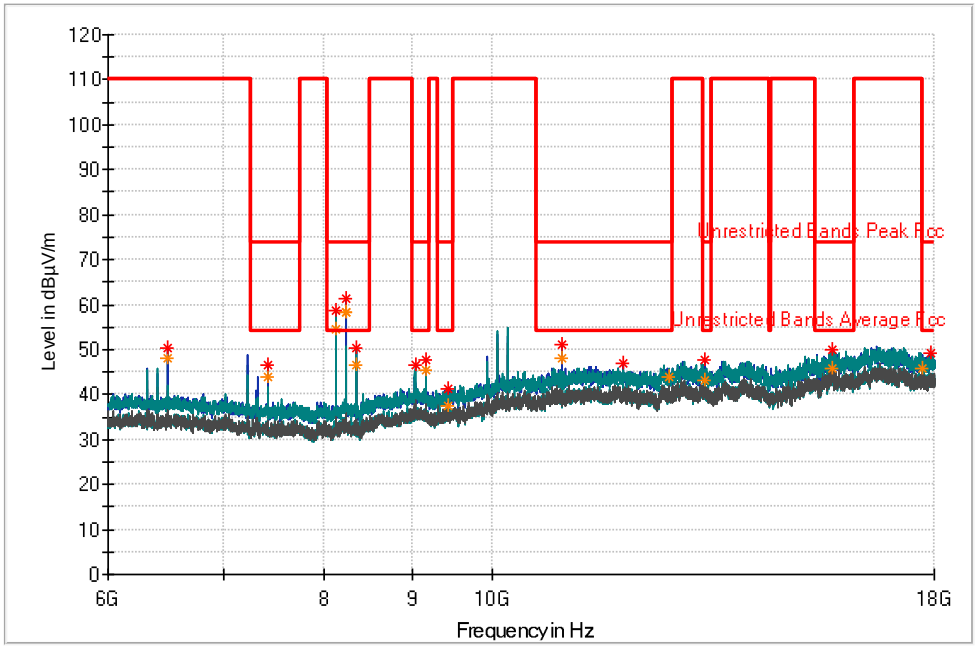
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6494.4000	50.44	---	110.00	59.56	---	---	150.0	H	325	-6.6
6495.6000	---	46.39	110.00	63.61	---	---	250.0	H	54	-6.6
7422.0000	48.44	---	74.00	25.56	---	---	150.0	V	73	-4.7
7423.2000	---	44.44	54.00	9.56	---	---	150.0	V	0	-4.7
8120.4000	59.34	---	74.00	14.66	---	---	200.0	V	268	-3.3
8121.6000	---	56.69	54.00	-2.69*	---	---	200.0	V	268	-3.3
8235.6000	61.24	---	74.00	12.76	---	---	250.0	V	4	-3.0
8236.8000	---	58.44	54.00	-4.44*	---	---	250.0	V	4	-3.0
8236.8000	---	58.44	54.00	-4.44*	---	---	250.0	V	4	-3.0
8349.6000	53.63	---	74.00	20.37	---	---	300.0	V	66	-2.8
8350.8000	---	49.34	54.00	4.66	---	---	150.0	V	73	-2.8
8350.8000	---	49.34	54.00	4.66	---	---	150.0	V	73	-2.8
9151.2000	---	44.84	54.00	9.16	---	---	250.0	H	164	-0.6
9151.2000	48.09	---	74.00	25.91	---	---	250.0	H	164	-0.6
9418.8000	---	37.67	54.00	16.33	---	---	400.0	V	128	0.2
9456.0000	41.33	---	74.00	32.67	---	---	300.0	V	337	0.3
10827.6000	49.23	---	74.00	24.77	---	---	150.0	H	0	4.5
10827.6000	---	46.19	54.00	7.82	---	---	150.0	H	0	4.5

10981.2000	---	50.52	54.00	3.48	---	---	150.0	V	27	4.5
10981.2000	53.15	---	74.00	20.85	---	---	150.0	V	27	4.5
12061.2000	51.11	---	74.00	22.89	---	---	150.0	H	0	8.1
12062.4000	---	48.86	54.00	5.14	---	---	150.0	H	0	8.1
13279.2000	45.69	---	74.00	28.31	---	---	400.0	V	210	6.6
13281.6000	---	42.25	54.00	11.75	---	---	350.0	H	200	6.6
15556.8000	---	46.20	54.00	7.80	---	---	100.0	H	0	11.3
15736.8000	50.01	---	74.00	23.99	---	---	150.0	H	313	12.6
17978.4000	49.78	---	74.00	24.22	---	---	250.0	V	166	15.1
17978.4000	---	45.14	54.00	8.86	---	---	300.0	V	0	15.1

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 25 WiFi=2.4GHz Part15=902-928MHz



Plot 24: Radiated Emissions at 3m SAC

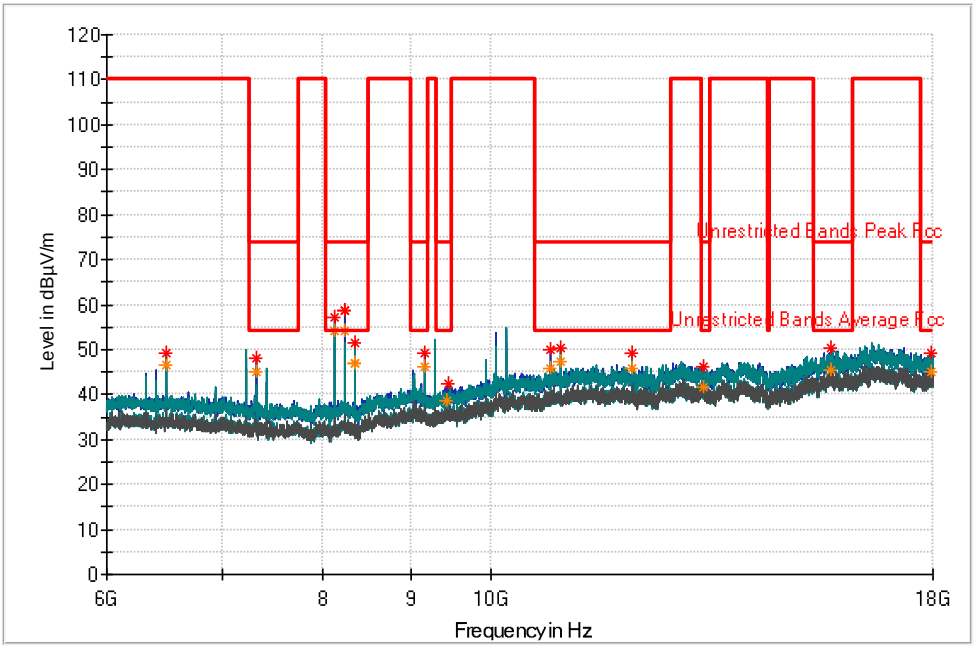
Table 24: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6494.4000	50.26	---	110.00	59.74	---	---	250.0	H	325	-6.6
6495.6000	---	48.17	110.00	61.83	---	---	250.0	H	54	-6.6
7422.0000	46.73	---	74.00	27.27	---	---	250.0	H	73	-4.7
7422.0000	---	43.96	54.00	10.04	---	---	250.0	H	0	-4.7
8121.6000	---	54.69	54.00	-0.69*	---	---	250.0	H	268	-3.3
8121.6000	58.86	---	74.00	15.14	---	---	200.0	V	268	-3.3
8235.6000	61.45	---	74.00	12.55	---	---	200.0	H	4	-3.0
8236.8000	---	58.30	54.00	-4.30	---	---	200.0	H	4	-3.0
8236.8000	---	58.30	54.00	-4.30	---	---	200.0	H	4	-3.0
8349.6000	50.28	---	74.00	23.72	---	---	150.0	H	66	-2.8
8349.6000	---	46.42	54.00	7.58	---	---	100.0	V	73	-2.8
9024.0000	46.43	---	74.00	27.57	---	---	250.0	V	73	-2.8
9151.2000	47.63	---	74.00	26.37	---	---	150.0	H	164	-0.6
9152.4000	---	45.51	54.00	8.49	---	---	150.0	H	164	-0.6
9424.8000	---	37.44	54.00	16.56	---	---	250.0	V	128	0.2
9427.2000	41.42	---	74.00	32.58	---	---	100.0	H	337	0.3
10982.4000	51.25	---	74.00	22.75	---	---	250.0	H	0	4.5
10982.4000	---	48.24	54.00	5.76	---	---	250.0	H	0	4.5

11895.6000	46.93	---	74.00	27.07	---	---	150.0	H	27	4.5
12651.6000	---	43.95	54.00	10.05	---	---	300.0	V	27	4.5
13260.0000	47.63	---	74.00	26.37	---	---	250.0	H	0	8.1
13261.2000	---	43.24	54.00	10.76	---	---	250.0	H	0	8.1
15727.2000	49.97	---	74.00	24.03	---	---	350.0	H	210	6.6
15733.2000	---	45.67	54.00	8.33	---	---	100.0	H	200	6.6
17709.6000	---	45.62	54.00	8.38	---	---	300.0	V	0	11.3
17911.2000	49.31	---	74.00	24.69	---	---	400.0	V	313	12.6

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 4 WiFi=2.4GHz Part15=902-928MHz



Plot 25: Radiated Emissions at 3m SAC

Table 25: Quasi Peak Data of Radiated Emissions at 3m SAC

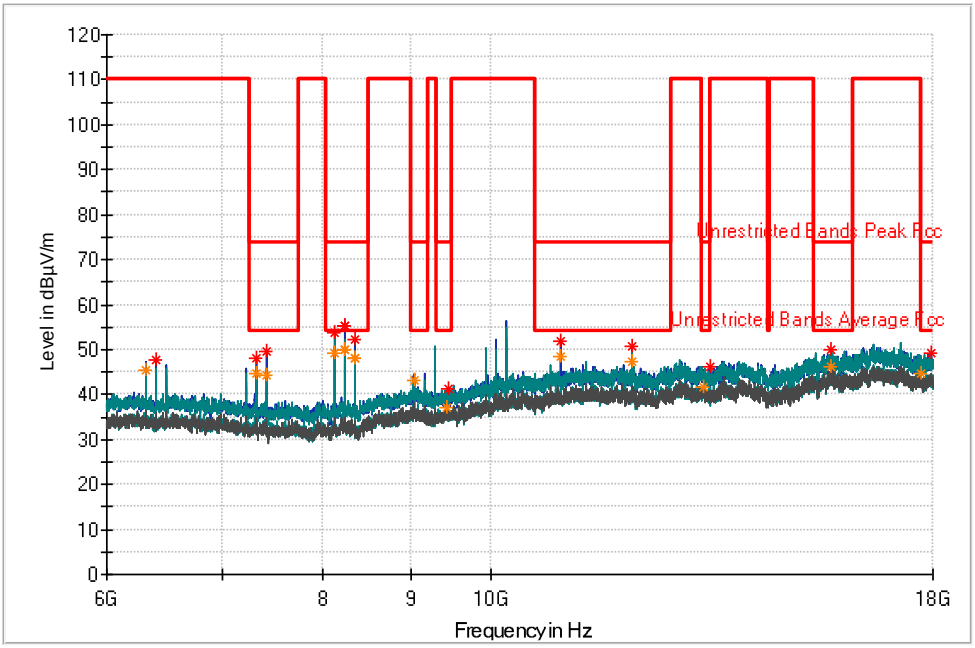
Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6494.4000	49.07	---	110.00	60.93	---	---	150.0	V	35	-6.6
6495.6000	---	46.52	110.00	63.48	---	---	150.0	V	349	-6.6
7321.2000	48.08	---	74.00	25.92	---	---	250.0	H	119	-4.8
7321.2000	---	45.13	54.00	8.87	---	---	250.0	H	119	-4.8
8120.4000	57.01	---	74.00	16.99	---	---	200.0	H	115	-3.3
8121.6000	---	54.24	54.00	-0.24*	---	---	200.0	H	68	-3.3
8236.8000	58.68	---	74.00	15.32	---	---	150.0	H	104	-3.0
8236.8000	58.68	---	74.00	15.32	---	---	150.0	H	104	-3.0
8236.8000	---	54.21	54.00	-0.21*	---	---	150.0	H	104	-3.0
8349.6000	51.40	---	74.00	22.60	---	---	250.0	V	225	-2.8
8350.8000	---	46.75	54.00	7.25	---	---	250.0	V	0	-2.8
8350.8000	---	46.75	54.00	7.25	---	---	250.0	V	0	-2.8
9151.2000	49.17	---	74.00	24.83	---	---	250.0	H	119	-0.6
9151.2000	---	46.10	54.00	7.90	---	---	250.0	H	119	-0.6
9439.2000	---	38.51	54.00	15.49	---	---	250.0	H	206	0.3
9459.6000	42.40	---	74.00	31.60	---	---	100.0	H	248	0.3
10827.6000	---	45.80	54.00	8.20	---	---	150.0	H	354	4.5
10827.6000	49.99	---	74.00	24.01	---	---	150.0	H	354	4.5

10981.2000	50.45	---	74.00	23.55	---	---	100.0	H	0	4.5
10981.2000	---	47.49	54.00	6.51	---	---	100.0	H	0	4.5
12060.0000	49.16	---	74.00	24.84	---	---	250.0	V	26	8.1
12061.2000	---	45.72	54.00	8.28	---	---	250.0	V	26	8.1
13261.2000	46.29	---	74.00	27.71	---	---	150.0	V	188	6.6
13262.4000	---	41.78	54.00	12.22	---	---	300.0	H	114	6.6
15720.0000	---	45.30	54.00	8.70	---	---	150.0	V	12	12.5
15734.4000	50.17	---	74.00	23.83	---	---	200.0	V	269	12.6
17940.0000	---	45.00	54.00	9.00	---	---	350.0	V	121	15.1
17956.8000	49.12	---	74.00	24.88	---	---	100.0	H	32	15.1

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 66 WiFi=2.4GHz Part15=902-928MHz



Plot 26: Radiated Emissions at 3m SAC

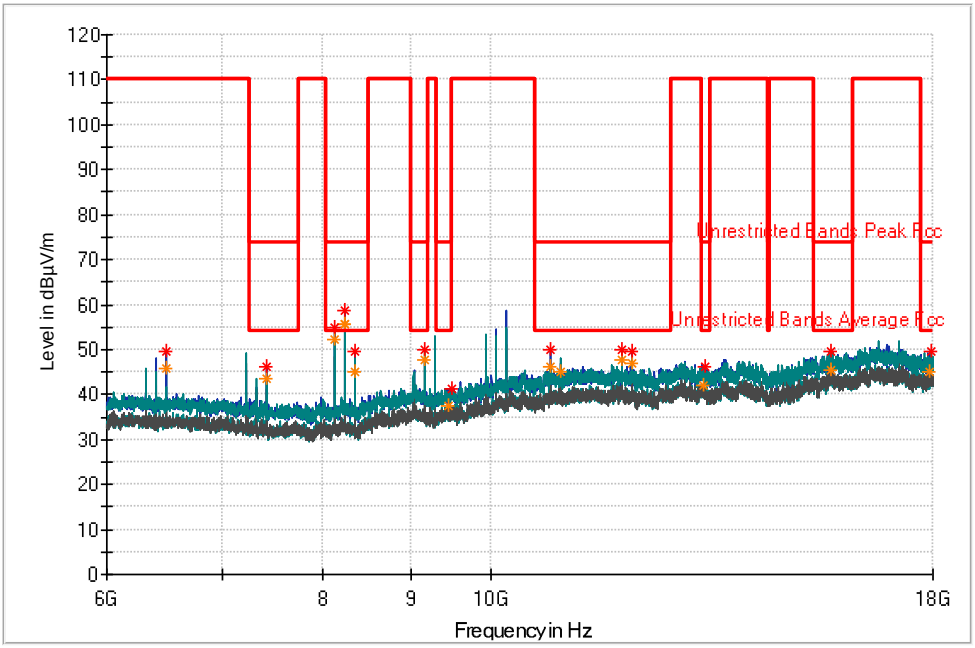
Table 26: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6316.8000	---	45.60	110.00	64.40	---	---	150.0	H	29	-7.0
6405.6000	47.79	---	110.00	62.21	---	---	200.0	H	142	-6.8
7321.2000	47.93	---	74.00	26.07	---	---	150.0	H	29	-4.8
7322.4000	---	44.69	54.00	9.31	---	---	150.0	H	29	-4.8
7422.0000	49.69	---	74.00	24.31	---	---	200.0	H	142	-4.7
7422.0000	---	44.22	54.00	9.78	---	---	200.0	H	142	-4.7
8121.6000	---	49.31	54.00	4.69	---	---	200.0	V	16	-3.3
8121.6000	53.73	---	74.00	20.27	---	---	200.0	V	16	-3.3
8236.8000	---	50.15	54.00	3.85	---	---	150.0	H	358	-3.0
8236.8000	---	50.15	54.00	3.85	---	---	150.0	H	358	-3.0
8236.8000	55.12	---	74.00	18.88	---	---	150.0	H	358	-3.0
8236.8000	55.12	---	74.00	18.88	---	---	150.0	H	358	-3.0
8349.6000	52.27	---	74.00	21.73	---	---	200.0	H	142	-2.8
8350.8000	---	47.94	54.00	6.06	---	---	200.0	H	142	-2.8
8350.8000	---	47.94	54.00	6.06	---	---	200.0	H	142	-2.8
9024.0000	---	43.05	54.00	10.95	---	---	150.0	H	139	-0.9
9438.0000	---	37.08	54.00	16.92	---	---	250.0	H	353	0.3
9444.0000	41.24	---	74.00	32.76	---	---	350.0	V	149	0.3

10981.2000	---	48.63	54.00	5.37	---	---	250.0	H	331	4.5
10981.2000	51.86	---	74.00	22.14	---	---	250.0	H	331	4.5
12060.0000	50.60	---	74.00	23.40	---	---	150.0	H	358	8.1
12061.2000	---	47.14	54.00	6.86	---	---	150.0	H	358	8.1
13273.2000	---	41.78	54.00	12.22	---	---	150.0	V	59	6.6
13376.4000	46.06	---	74.00	27.94	---	---	200.0	H	298	6.8
15728.4000	49.86	---	74.00	24.14	---	---	250.0	V	298	12.5
15733.2000	---	46.04	54.00	7.96	---	---	200.0	H	237	12.6
17731.2000	---	44.82	54.00	9.18	---	---	350.0	V	221	14.8
17974.8000	49.19	---	74.00	24.81	---	---	150.0	H	54	15.1

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 6GHz to 18GHz
- Test mode: 1

LTE=Band 26 WiFi=2.4GHz Part15=902-928MHz



Plot 27: Radiated Emissions at 3m SAC

Table 27: Quasi Peak Data of Radiated Emissions at 3m SAC

Frequency (MHz)	Max Peak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6494.4000	49.60	---	110.00	60.40	---	---	150.0	H	29	-6.6
6494.4000	---	45.90	110.00	64.10	---	---	150.0	H	29	-6.6
7422.0000	46.25	---	74.00	27.75	---	---	150.0	H	67	-4.7
7423.2000	---	43.59	54.00	10.41	---	---	150.0	H	29	-4.7
8120.4000	55.01	---	74.00	18.99	---	---	100.0	H	45	-3.3
8121.6000	---	52.26	54.00	1.74	---	---	100.0	H	45	-3.3
8235.6000	58.57	---	74.00	15.43	---	---	150.0	H	139	-3.0
8236.8000	---	55.71	54.00	-1.71*	---	---	150.0	H	139	-3.0
8236.8000	---	55.71	54.00	-1.71*	---	---	150.0	H	139	-3.0
8349.6000	49.48	---	74.00	24.52	---	---	250.0	H	214	-2.8
8350.8000	---	44.90	54.00	9.10	---	---	250.0	H	214	-2.8
9151.2000	---	47.57	54.00	6.43	---	---	250.0	V	1	-0.6
9151.2000	50.07	---	74.00	23.93	---	---	250.0	V	1	-0.6
9447.6000	---	37.65	54.00	16.35	---	---	100.0	H	80	0.3
9492.0000	41.42	---	74.00	32.58	---	---	400.0	V	42	0.5
10827.6000	49.82	---	74.00	24.18	---	---	150.0	H	0	4.5
10827.6000	---	46.27	54.00	7.73	---	---	150.0	H	0	4.5
10981.2000	---	45.08	54.00	8.92	---	---	200.0	V	274	4.5

11895.6000	50.14	---	74.00	23.86	---	---	100.0	H	45	7.6
11896.8000	---	47.66	54.00	6.34	---	---	100.0	H	45	7.6
12060.0000	49.64	---	74.00	24.36	---	---	150.0	H	91	8.1
12061.2000	---	47.07	54.00	6.93	---	---	150.0	H	91	8.1
13263.6000	---	42.19	54.00	11.81	---	---	100.0	H	248	6.6
13282.8000	46.32	---	74.00	27.68	---	---	300.0	H	0	6.6
15720.0000	---	45.56	54.00	8.44	---	---	300.0	H	153	12.5
15726.0000	49.65	---	74.00	24.35	---	---	150.0	V	257	12.5
17920.8000	---	45.12	54.00	8.88	---	---	100.0	H	22	15.1
17953.2000	49.75	---	74.00	24.25	---	---	300.0	V	94	15.1

Note: *As per KDB 558074 D01 15.247 Meas Guidance v05r02 and ANSI C63.10:2013, duty cycle correction factor (DCCF) of -32.92dB is to be applied on top of above mentioned margin.

3.2 Conducted Emissions

- **Date Performed:**
  August 22, 2024

- **Test Standard:**
  As per Section 2.1 of this report

- **Required Limit:**
  As per Section 2.3 of this report

- **Test Method:**
  As per Section 2.1 of this report

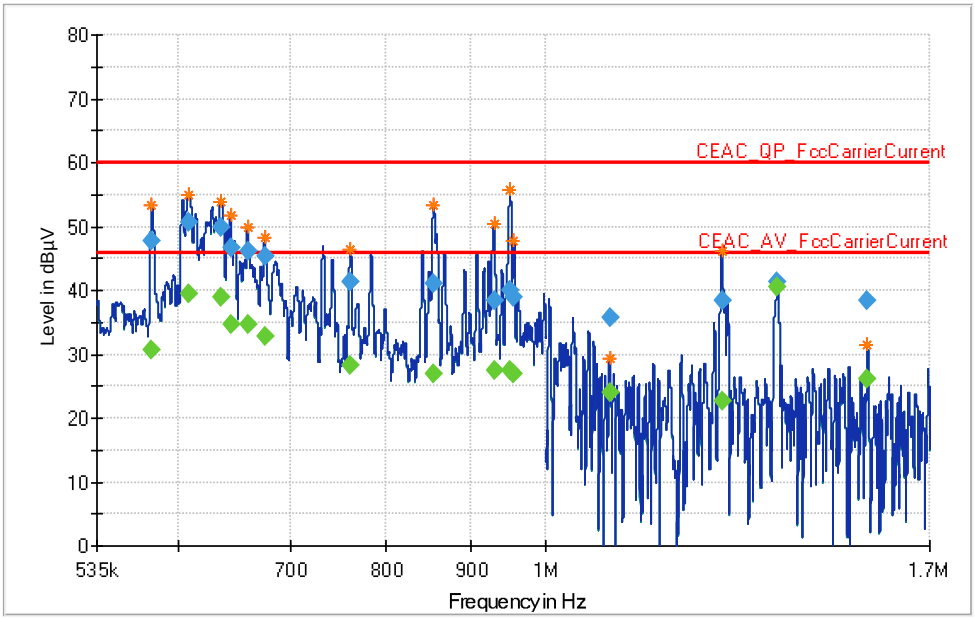
- **Modifications:**
  No modification was required.

- **Result:**
  The EUT **complies** with the standard.

Measurement Data and Plot:

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 535kHz to 1.7MHz
- Test mode: 1
- Port under test: AC

TFG_No-PLCGroundingStrap_120V60Hz_L1_CeacClsB150K-30M



Plot 28: Conducted Emissions – Line 1

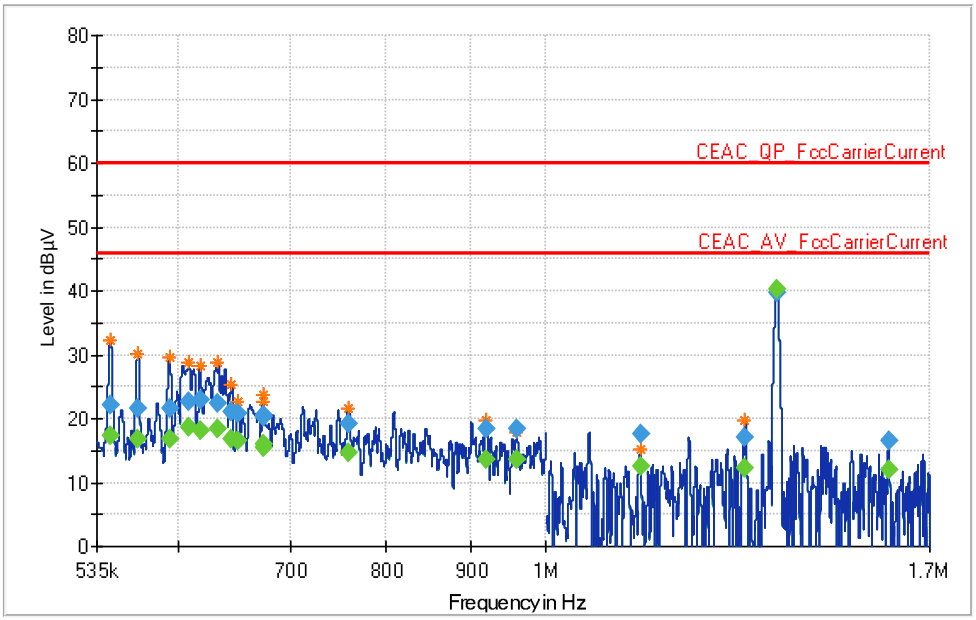
Table 28: Quasi-Peak and Average Data of Conducted Emissions– Line 1

Frequency (MHz)	Quasi Peak (dBµV)	Average (dBµV)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.5777	47.83	---	60.00	12.17	1000.0	9.0	L1	GND	10.0
0.5777	---	30.61	46.00	15.39	1000.0	9.0	L1	GND	10.0
0.6077	---	39.56	46.00	6.44	1000.0	9.0	L1	GND	10.0
0.6078	50.71	---	60.00	9.29	1000.0	9.0	L1	GND	10.0
0.6357	---	38.92	46.00	7.08	1000.0	9.0	L1	GND	10.0
0.6357	49.96	---	60.00	10.04	1000.0	9.0	L1	GND	10.0
0.6443	---	34.74	46.00	11.26	1000.0	9.0	L1	GND	10.0
0.6443	46.63	---	60.00	13.37	1000.0	9.0	L1	GND	10.0
0.6597	---	34.70	46.00	11.30	1000.0	9.0	L1	GND	10.0
0.6598	46.24	---	60.00	13.76	1000.0	9.0	L1	GND	10.0
0.6759	45.41	---	60.00	14.59	1000.0	9.0	L1	GND	10.0
0.6759	---	32.91	46.00	13.09	1000.0	9.0	L1	GND	10.0
0.7613	---	28.39	46.00	17.61	1000.0	9.0	L1	GND	10.0
0.7613	41.23	---	60.00	18.77	1000.0	9.0	L1	GND	10.0
0.8547	---	27.07	46.00	18.93	1000.0	9.0	L1	GND	10.0
0.8547	41.00	---	60.00	19.00	1000.0	9.0	L1	GND	10.0
0.9296	---	27.35	46.00	18.65	1000.0	9.0	L1	GND	10.0

0.9296	38.40	---	60.00	21.60	1000.0	9.0	L1	GND	10.0
0.9508	39.97	---	60.00	20.03	1000.0	9.0	L1	GND	10.0
0.9508	---	27.50	46.00	18.50	1000.0	9.0	L1	GND	10.0
0.9557	39.06	---	60.00	20.94	1000.0	9.0	L1	GND	10.0
0.9557	---	27.06	46.00	18.94	1000.0	9.0	L1	GND	10.0
1.0919	---	24.03	46.00	21.97	1000.0	9.0	L1	GND	10.0
1.0920	35.68	---	60.00	24.32	1000.0	9.0	L1	GND	10.0
1.2763	38.30	---	60.00	21.70	1000.0	9.0	L1	GND	10.0
1.2763	---	22.73	46.00	23.27	1000.0	9.0	L1	GND	10.0
1.3789	---	40.44	46.00	5.56	1000.0	9.0	L1	GND	10.1
1.3790	41.45	---	60.00	18.55	1000.0	9.0	L1	GND	10.1
1.5630	---	26.14	46.00	19.86	1000.0	9.0	L1	GND	10.1
1.5631	38.40	---	60.00	21.60	1000.0	9.0	L1	GND	10.1

- Class: B
- EUT input voltage: 120V 60Hz
- Frequency Range: 535kHz to 1.7MHz
- Test mode: 1
- Port under test: AC

TFG_No-PLCGroundingStrap_120V60Hz_L2_CeacClsB150K-30M



Plot 29: Conducted Emissions – Line 2

Table 29: Quasi-Peak and Average Data of Conducted Emissions– Line 2

Frequency (MHz)	Quasi Peak (dBµV)	Average (dBµV)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.5451	22.16	---	60.00	37.84	1000.0	9.0	L1	GND	10.0
0.5451	---	17.38	46.00	28.62	1000.0	9.0	L1	GND	10.0
0.5663	---	16.77	46.00	29.23	1000.0	9.0	L1	GND	10.0
0.5663	21.61	---	60.00	38.39	1000.0	9.0	L1	GND	10.0
0.5918	---	16.93	46.00	29.07	1000.0	9.0	L1	GND	10.0
0.5918	21.52	---	60.00	38.48	1000.0	9.0	L1	GND	10.0
0.6080	---	18.72	46.00	27.28	1000.0	9.0	L1	GND	10.0
0.6080	22.70	---	60.00	37.30	1000.0	9.0	L1	GND	10.0
0.6177	---	18.12	46.00	27.88	1000.0	9.0	L1	GND	10.0
0.6177	22.81	---	60.00	37.19	1000.0	9.0	L1	GND	10.0
0.6335	---	18.35	46.00	27.65	1000.0	9.0	L1	GND	10.0
0.6335	22.50	---	60.00	37.50	1000.0	9.0	L1	GND	10.0
0.6451	---	16.68	46.00	29.32	1000.0	9.0	L1	GND	10.0
0.6451	21.00	---	60.00	39.00	1000.0	9.0	L1	GND	10.0
0.6510	---	16.58	46.00	29.42	1000.0	9.0	L1	GND	10.0
0.6511	20.75	---	60.00	39.25	1000.0	9.0	L1	GND	10.0
0.6738	---	15.87	46.00	30.13	1000.0	9.0	L1	GND	10.0
0.6739	20.50	---	60.00	39.50	1000.0	9.0	L1	GND	10.0
0.6746	20.17	---	60.00	39.83	1000.0	9.0	L1	GND	10.0

0.6746	---	15.50	46.00	30.50	1000.0	9.0	L1	GND	10.0
0.7585	19.15	---	60.00	40.85	1000.0	9.0	L1	GND	10.0
0.7585	---	14.74	46.00	31.26	1000.0	9.0	L1	GND	10.0
0.9193	18.35	---	60.00	41.65	1000.0	9.0	L1	GND	10.0
0.9193	---	13.63	46.00	32.37	1000.0	9.0	L1	GND	10.0
0.9595	18.31	---	60.00	41.69	1000.0	9.0	L1	GND	10.0
0.9595	---	13.57	46.00	32.43	1000.0	9.0	L1	GND	10.0
1.1398	---	12.58	46.00	33.42	1000.0	9.0	L1	GND	10.0
1.1399	17.62	---	60.00	42.38	1000.0	9.0	L1	GND	10.0
1.3187	---	12.27	46.00	33.73	1000.0	9.0	L1	GND	10.0
1.3188	16.96	---	60.00	43.04	1000.0	9.0	L1	GND	10.0
1.3776	---	40.28	46.00	5.72	1000.0	9.0	L1	GND	10.1
1.3777	39.71	---	60.00	20.29	1000.0	9.0	L1	GND	10.1
1.6107	---	11.88	46.00	34.12	1000.0	9.0	L1	GND	10.1
1.6108	16.47	---	60.00	43.53	1000.0	9.0	L1	GND	10.1

Appendix A: TEST SETUP PHOTOS

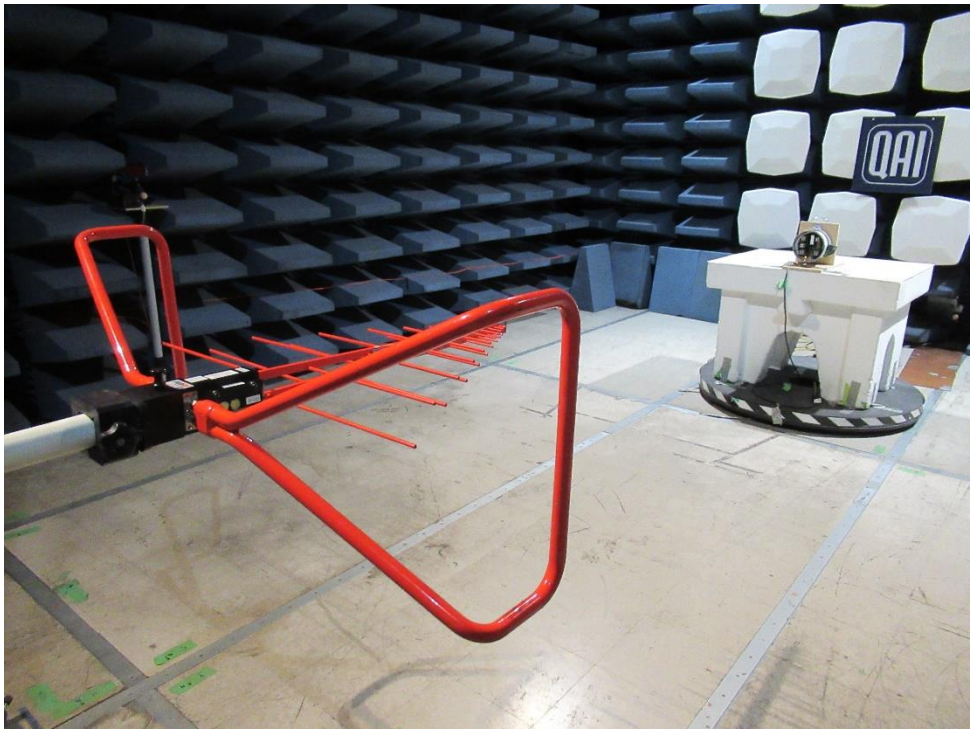


Figure 1: Radiated Emissions (30MHz-1GHz) performed at the SAC Test Setup

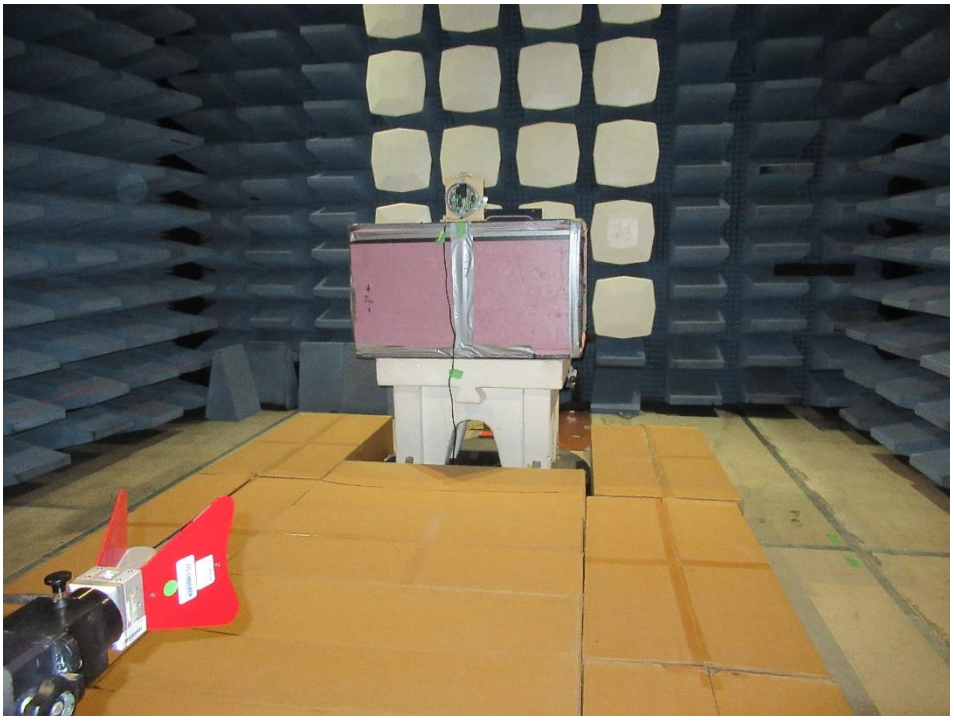


Figure 2: Radiated Emissions (1GHz-18GHz) performed at the SAC Test Setup

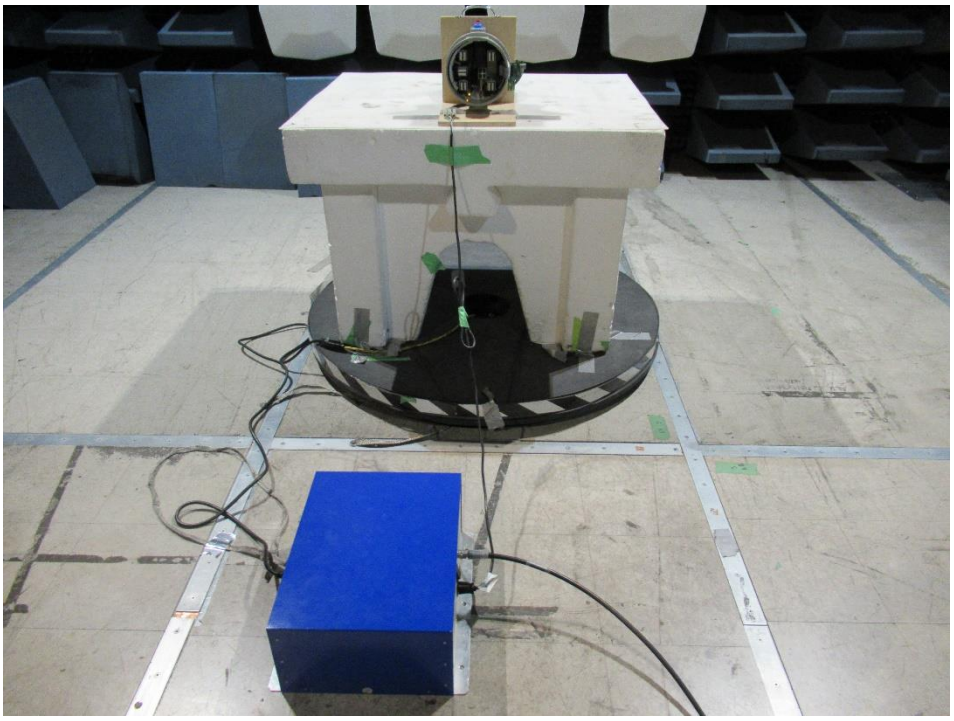


Figure 3: **Conducted Emissions Test Setup**

Appendix B: ABBREVIATIONS

Abbreviation	Definition
AC	Alternating Current
AM	Amplitude Modulation
ASW	Anti-Submarine Warfare
BIT	Built-in-Test
CE	European Conformity
CISPR	Comité International Spécial des Perturbations Radioélectriques (International Special Committee on Radio Interference)
DC	Direct Current
EFT	Electrical Fast Transient
EMC	Electro Magnetic Compatibility
EMI	Electro Magnetic Interference
ERP	Effective Radiated Power
ESD	Electrostatic Discharge
EUT	Equipment Under Test
FCC	Federal Communications Commission
FVIN	Firmware Version Identification Number FVIN
GFE	Government Furnished Equipment
IC	Industry Canada
ICES	Interference Causing Equipment Standard
IEC	International Electrotechnical Commission
LISN	Line Impedance Stabilizing Network
OATS	Open Area Test Site
RF	Radio Frequency
RMS	Root-Mean-Square
SAC	Semi-Anechoic Chamber
TEM	Transverse Electromagnetic
TPD	Terminal Protection Device

END OF REPORT