FCC EMC Test Report

FCC ID: QISME919BS-567AB

Project No.	:	1907C127
Equipment	:	LTE Module
Test Model	:	ME919Bs-567ab
Series Model	:	N/A
Applicant	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, China

Date of Receipt	:	Jul. 16, 2019
Date of Test	:	Jul. 17, 2019 ~ Jul. 23, 2019
Issued Date	:	Jul. 25, 2019
Tested by	:	BTL Inc.

Testing Engineer : Simon Ling
(Simon Ling)

Technical Manager : Bill Zhang
(Bill Zhang)

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Certificate #5123.02

Declaration

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BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Jul. 25, 2019

1. GENERAL SUMMARY

Equipment	:	LTE Module
Brand Name	:	HUAWEI
Test Model	:	ME919Bs-567ab
Series Model	:	N/A
Applicant	:	Huawei Technologies Co., Ltd.
Manufacturer	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, China
Factory	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, China
Date of Test	:	Jul. 17, 2019 ~ Jul. 23, 2019
Test Sample	:	Engineering Sample No.: DG19071641
Standard(s)	:	FCC Part 15, Subpart B ANSI C63.4-2014

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1907C127) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	NOTE(1)

NOTE:

(1) The EUT's max operating frequency is exceeds 108 MHz, so the test will be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.
The reported uncertainty of measurement **y ± U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95**%.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 kHz ~ 30MHz	2.32

B. Radiated Measurement

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB02 (3m)	CISPR	30MHz ~ 200MHz	V	4.56
		30MHz ~ 200MHz	H	3.60
		200MHz ~ 1,000MHz	V	4.16
		200MHz ~ 1,000MHz	H	4.00

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-CB02 (3m)	CISPR	1GHz ~ 6GHz	4.38
		6GHz ~ 18GHz	5.36

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	LTE Module
Brand Name	HUAWEI
Test Model	ME919Bs-567ab
Series Model	N/A
Model Difference(s)	N/A
Work Frequency	Please refer to Note 2.
Hardware Version	RM3ME919BSM31
Software Version	11.790.01.05.1419
Power Source	DC Voltage supplied from AC/DC adapter (support unit).
Power Rating	I/P: 100-240V ~50/60Hz O/P: 12V ⎓ 1.5A EUT: 4V ⎓

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2.

Mode		Work Frequency	
		Transmitt Frequency(MHz)	Receive Frequency(MHz)
GSM/GPRS/EDGE	GSM 850	824-849	869-894
	GSM 1900(PCS)	1850-1910	1930-1990
WCDMA/HSDPA/HSUPA	UMTS Band II	1850-1910	1930-1990
	UMTS Band IV	1710-1755	2110-2155
	UMTS Band V	824-849	869-894
LTE	LTE Band 2	1850-1910	1930-1990
	LTE Band 4	1710-1755	2110-2155
	LTE Band 5	824-849	869-894
	LTE Band 7	2500-2570	2620-2690
	LTE Band 12	699-716	729-746
	LTE Band 13	777-787	746-756
	LTE Band 29	/	717-728

*The above work frequency is exemption frequency.

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	LTE transmission
Mode 2	WCDMA transmission
Mode 3	GSM transmission

For Conducted Test	
Final Test Mode	Description
Mode 1	LTE transmission

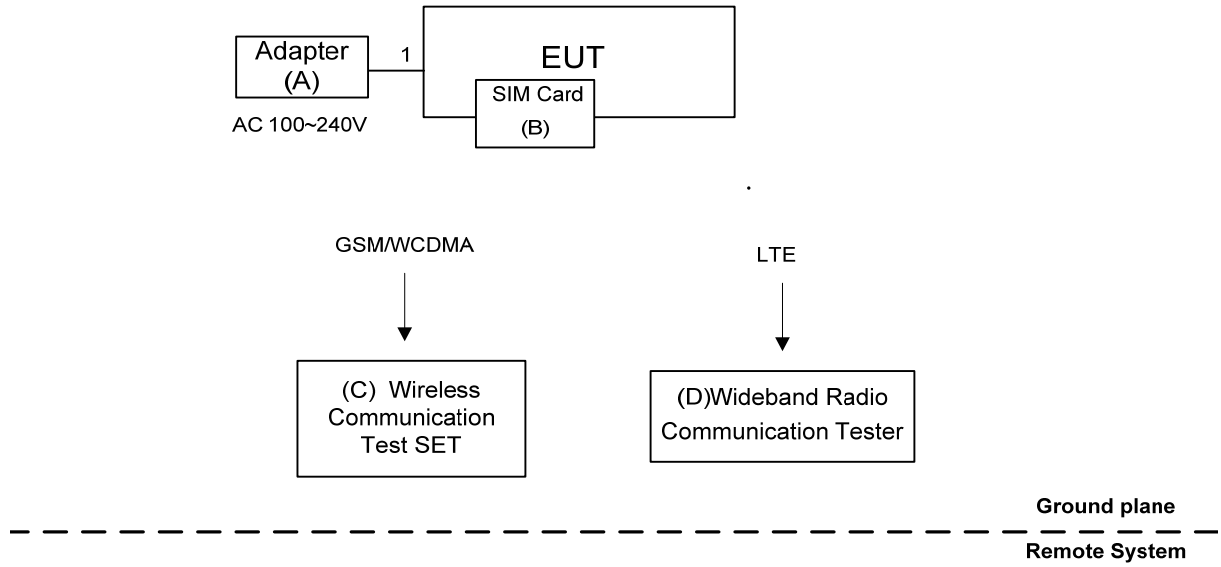
For Radiated Test	
Final Test Mode	Description
Mode 1	LTE transmission

Evaluation description:
1. The worst case is recorded in this report.

3.3 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use. The standard test signals and output signal as following:
1. EUT connected to adapter via DC cable for power supply.
2. EUT connected to Notebook(F&G&H&I) via RJ45 cable.
3. EUT connected to Notebook(D&E) via 2.4G&5G WIFI function.
4. EUT connected to wireless communication test SET via radio signal.
5. EUT connected to wideband radio communication tester via radio signal.
6. The SIM card and USB Flash Disk are plugged into the EUT.

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
A	Adapter	HUAWEI	HW-120200C1W	N/A
B	SIM Card	RS	N/A	N/A
C	Wireless Communication Test SET	Agilent	(8960 Series) E5515C	MY48364183
D	Wideband Radio Communication Tester	RS	CMW500	122125

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.2m

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class B (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.5 - 5.0	56.00	46.00
5.0 - 30.0	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 10, 2020
2	LISN	EMCO	3816/2	52765	Mar. 10, 2020
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	May. 19, 2020
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 10, 2020
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A 1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 12, 2020

Remark: “N/A” denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

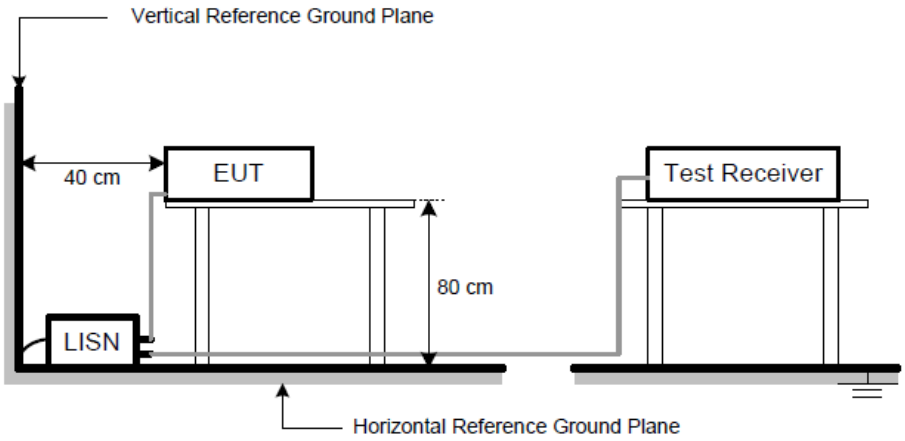
4.1.3 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.
f. First the whole spectrum of emission caused by equipment under test(EUT) is recorded with Detector set to peak. Peak value recorded in table if the margin from QP Limit is larger than 2dB,otherwise,QP value is recorded, Measuring frequency range from 150KHz to 30MHz.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP

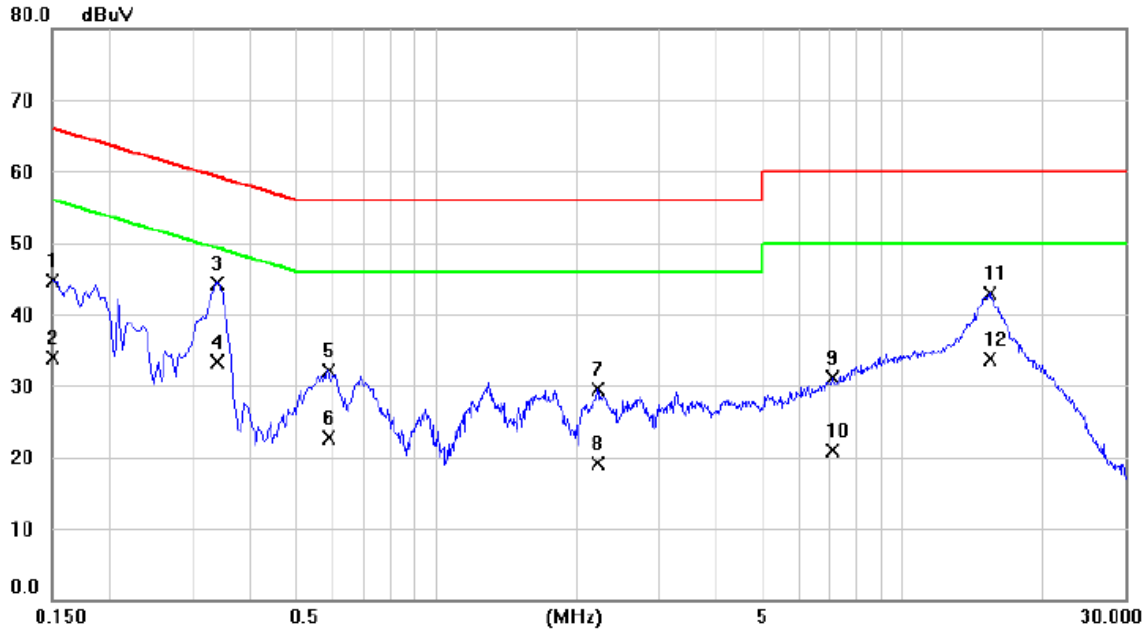


4.1.6 TEST RESULTS

Remark

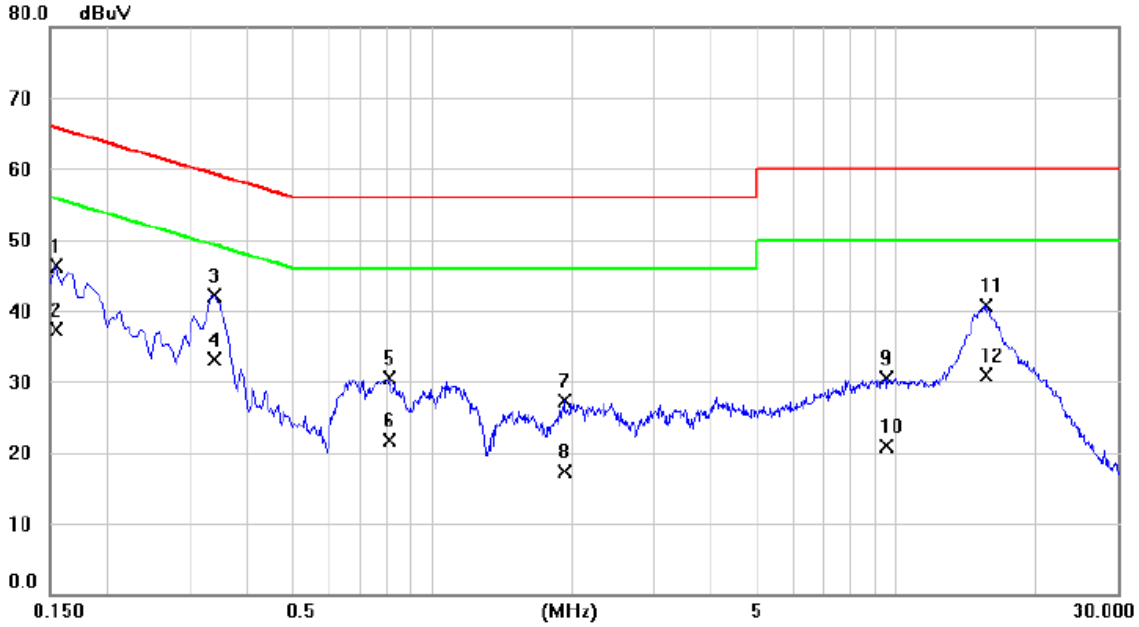
(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9 kHz; SPA setting in RBW=10 kHz, VBW =10 kHz, Swp. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10 kHz, VBW=10 kHz, Swp. Time =0.3 sec./MHz.
(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Mode 1		
Test Engineer	Simon Ling		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	34.82	9.82	44.64	66.00	-21.36	QP	
2		0.1500	24.15	9.82	33.97	56.00	-22.03	AVG	
3	*	0.3390	34.55	9.85	44.40	59.23	-14.83	QP	
4		0.3390	23.48	9.85	33.33	49.23	-15.90	AVG	
5		0.5865	22.19	9.89	32.08	56.00	-23.92	QP	
6		0.5865	12.79	9.89	22.68	46.00	-23.32	AVG	
7		2.2200	19.43	10.01	29.44	56.00	-26.56	QP	
8		2.2200	9.18	10.01	19.19	46.00	-26.81	AVG	
9		7.0845	20.75	10.33	31.08	60.00	-28.92	QP	
10		7.0845	10.49	10.33	20.82	50.00	-29.18	AVG	
11		15.3600	32.14	10.77	42.91	60.00	-17.09	QP	
12		15.3600	22.87	10.77	33.64	50.00	-16.36	AVG	

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Mode 1		
Test Engineer	Simon Ling		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	36.39	9.91	46.30	65.75	-19.45	QP	
2		0.1545	27.48	9.91	37.39	55.75	-18.36	AVG	
3		0.3390	32.14	9.98	42.12	59.23	-17.11	QP	
4	*	0.3390	23.15	9.98	33.13	49.23	-16.10	AVG	
5		0.8115	20.42	10.09	30.51	56.00	-25.49	QP	
6		0.8115	11.56	10.09	21.65	46.00	-24.35	AVG	
7		1.9275	17.15	10.18	27.33	56.00	-28.67	QP	
8		1.9275	7.15	10.18	17.33	46.00	-28.67	AVG	
9		9.4965	19.75	10.72	30.47	60.00	-29.53	QP	
10		9.4965	10.15	10.72	20.87	50.00	-29.13	AVG	
11		15.5535	29.57	11.12	40.69	60.00	-19.31	QP	
12		15.5535	19.79	11.12	30.91	50.00	-19.09	AVG	

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz
Measurement Method and Applied Limits:
ANSI C63.4:

Frequency (MHz)	Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

Above 1 GHz
Measurement Method and Applied Limits:
ANSI C63.4:

Frequency (MHz)	Class B (dBuV/m) (at 3m)	
	Peak	Average
Above 1000	74	54

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:
(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

4.2.2 MEASUREMENT INSTRUMENTS LIST

Below 1GHz & Above 1 GHz:

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2020
2	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Mar. 09, 2020
3	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2020
4	Amplifier	HP	8447D	1937A02847	Mar. 10, 2020
5	Cable	emci	LMR-400(30MHz-1GHz)(10m+2.5m)	N/A	Jun. 19, 2020
6	Cable	mitron	B10-01-01-12M	18072743	Jul. 30, 2019
7	Controller	MF	MF-7802BS	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	EMI Test Receiver	Keysight	N9038A	MY56400060	Mar. 10, 2020

Remark: “N/A” denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

4.2.3 TEST PROCEDURE

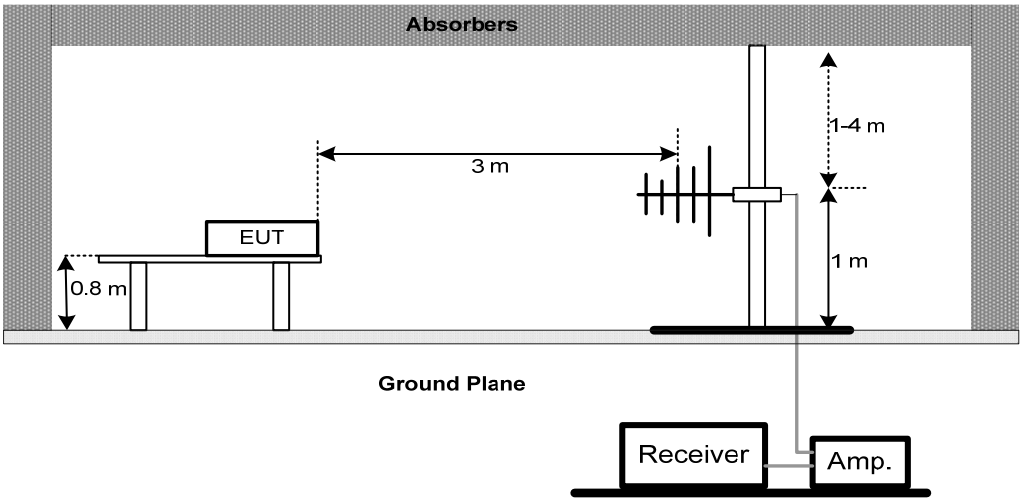
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.4).

4.2.4 DEVIATION FROM TEST STANDARD

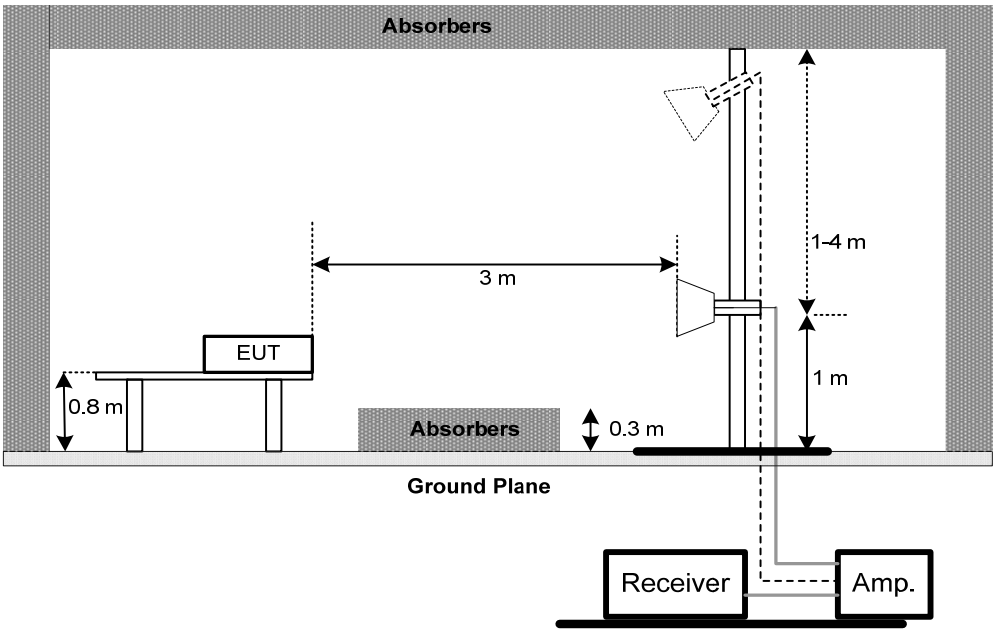
No deviation

4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

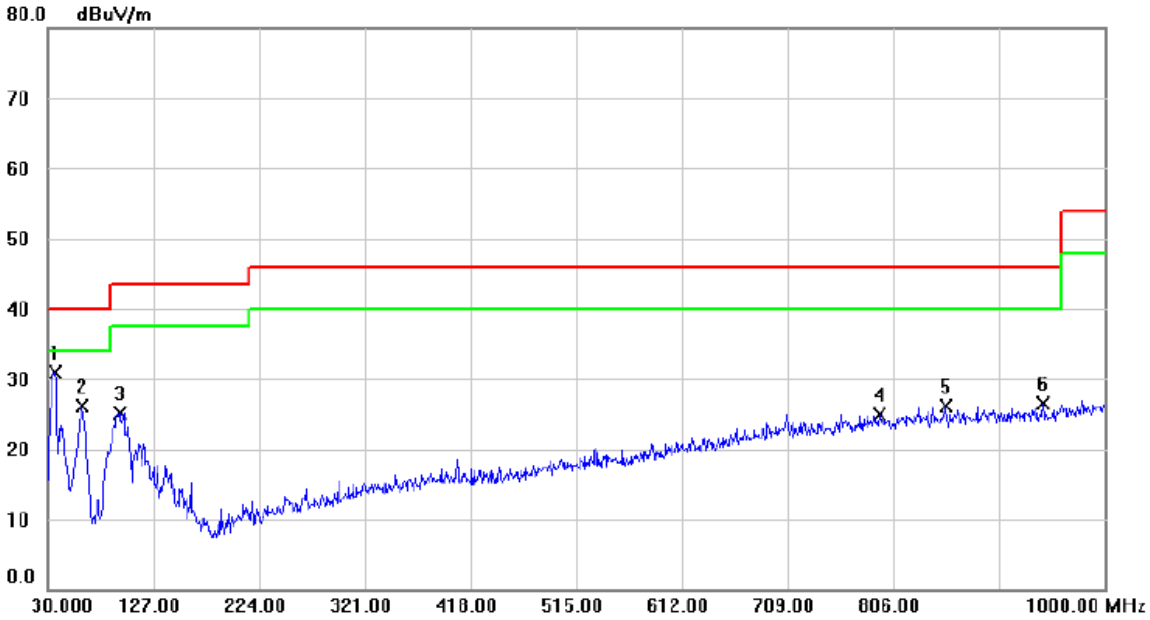


4.2.6 TEST RESULTS-BELOW 1 GHZ

Remark：

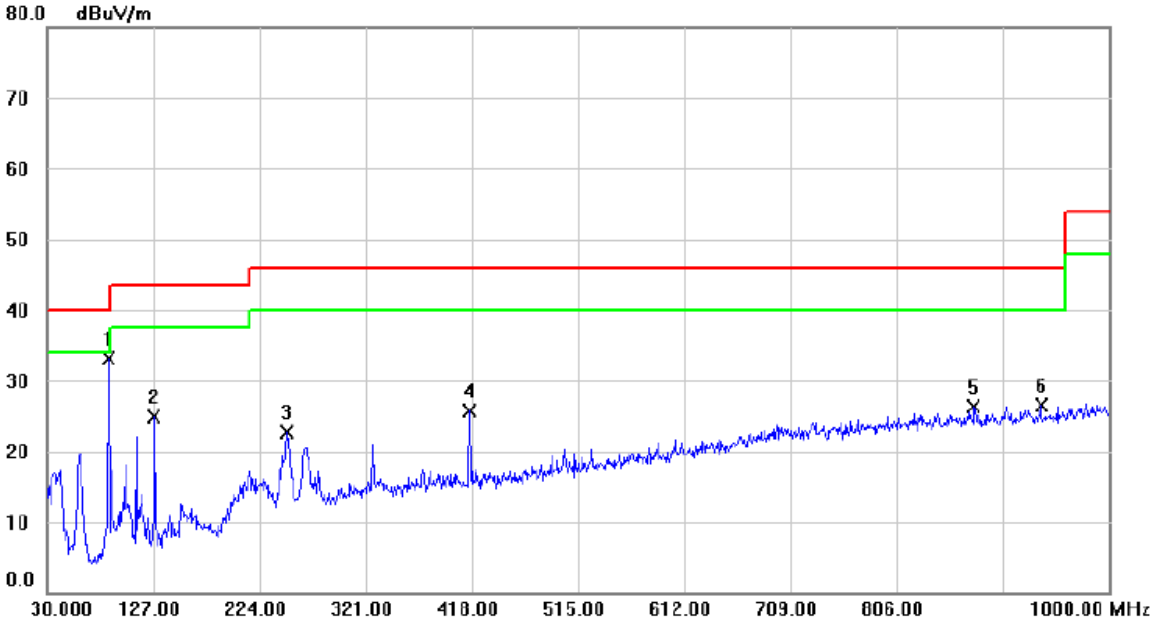
(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.
(2) Measuring frequency range from 30 MHz to 1000 MHz
(3) If the peak scan value lower limit more than 20 dB, then this signal data does not show in table.

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Mode 1		
Test Engineer	Simon Ling		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.7900	46.95	-15.97	30.98	40.00	-9.02	QP	
2		62.0100	48.83	-22.78	26.05	40.00	-13.95	QP	
3		95.9600	47.03	-21.89	25.14	43.50	-18.36	QP	
4		793.3900	29.69	-4.80	24.89	46.00	-21.11	QP	
5		854.5000	30.14	-4.11	26.03	46.00	-19.97	QP	
6		943.7400	29.96	-3.41	26.55	46.00	-19.45	QP	

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Mode 1		
Test Engineer	Simon Ling		



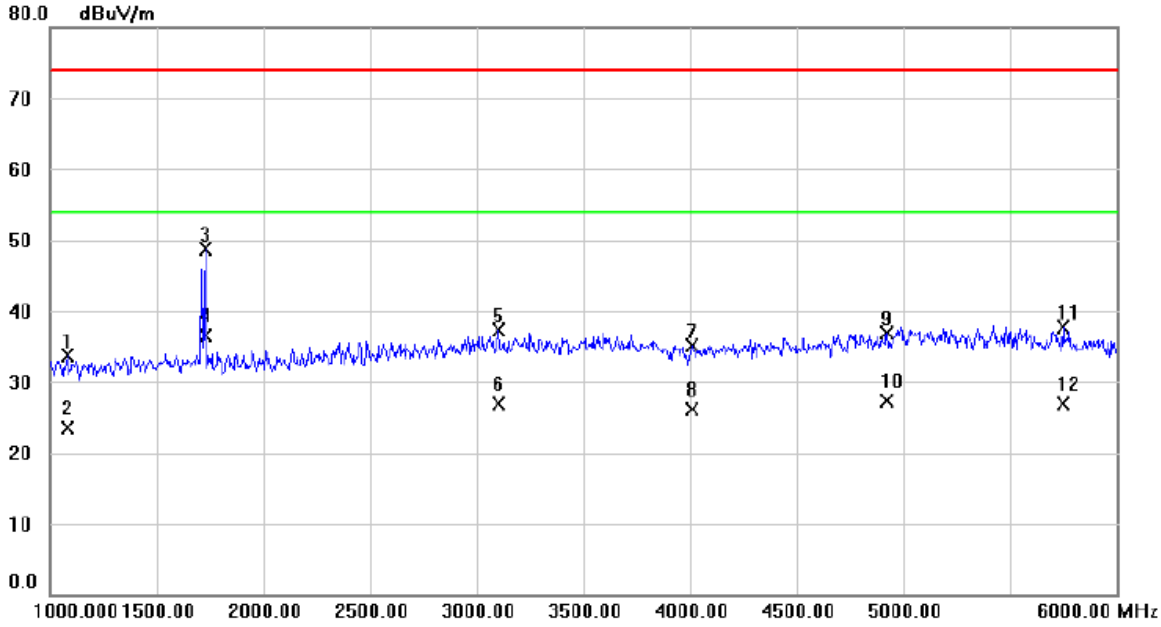
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	86.2600	55.71	-22.62	33.09	40.00	-6.91	QP	
2		127.9700	47.13	-22.27	24.86	43.50	-18.64	QP	
3		249.2200	39.27	-16.64	22.63	46.00	-23.37	QP	
4		416.0600	38.03	-12.27	25.76	46.00	-20.24	QP	
5		876.8100	30.10	-3.88	26.22	46.00	-19.78	QP	
6		937.9200	29.97	-3.44	26.53	46.00	-19.47	QP	

4.2.7 TEST RESULTS-ABOVE 1 GHZ

Remark：

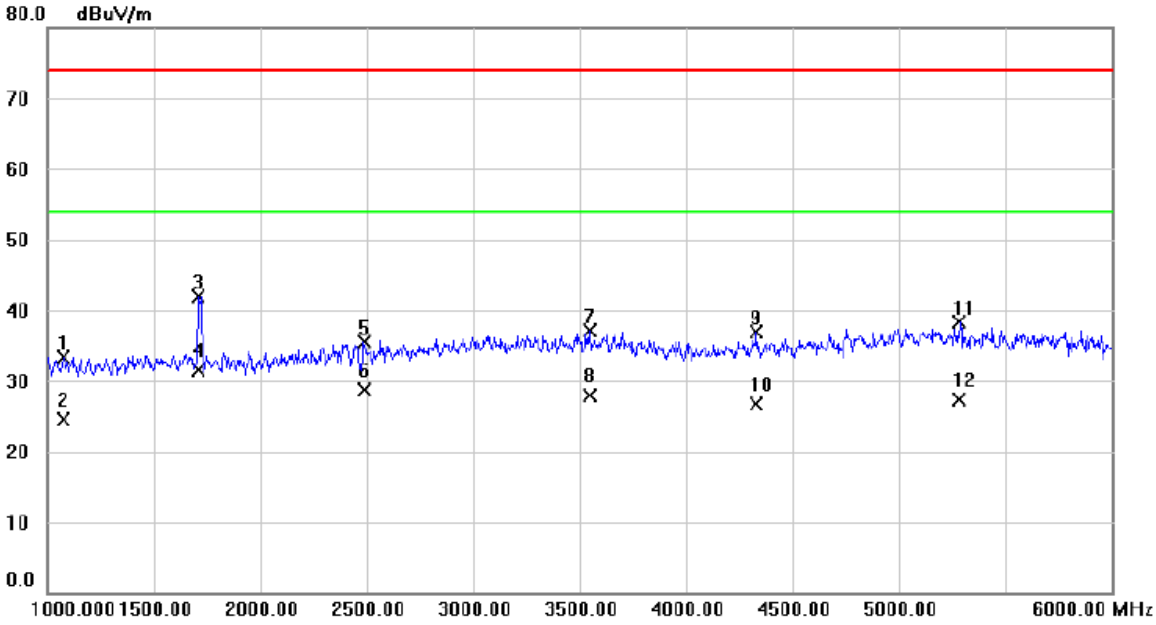
(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
(2) Radiated emissions measured in frequency range above 1000 MHz were made with an instrument using Peak detector mode and AV detector mode of the emission.
(3) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
(4) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Mode 1		
Test Engineer	Simon Ling		



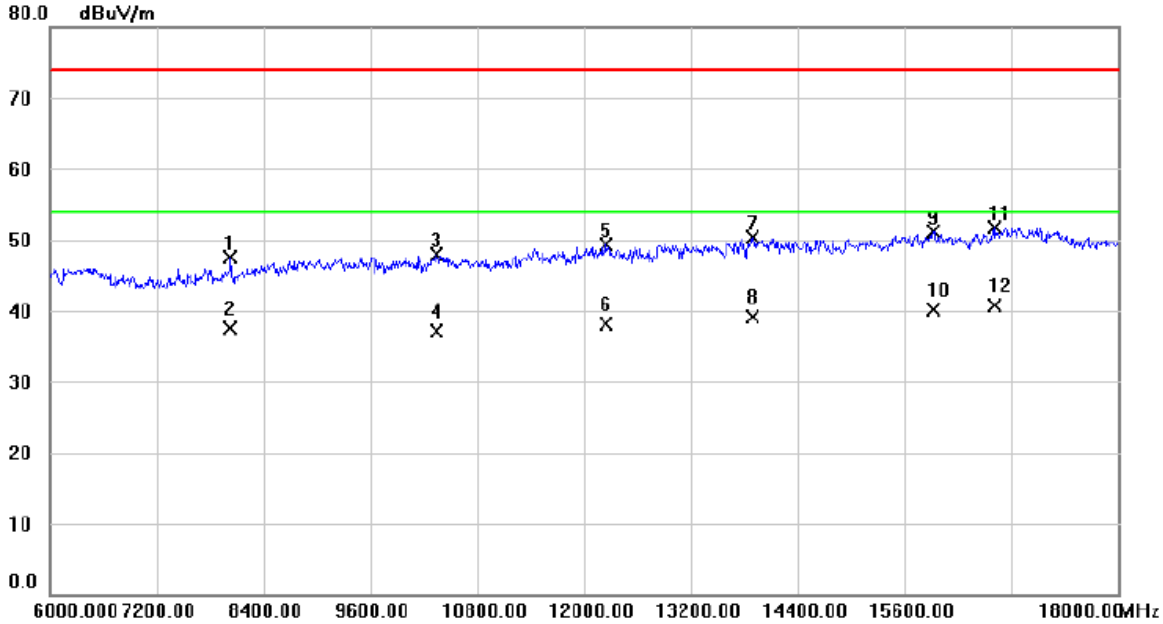
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1082.500	40.47	-6.78	33.69	74.00	-40.31	peak	
2		1082.500	30.23	-6.78	23.45	54.00	-30.55	AVG	
3		1730.731	52.53	-3.91	48.62	74.00	-25.38	peak	
4	*	1730.731	40.38	-3.91	36.47	54.00	-17.53	AVG	
5		3102.500	37.00	0.30	37.30	74.00	-36.70	peak	
6		3102.500	26.54	0.30	26.84	54.00	-27.16	AVG	
7		4007.500	33.46	1.63	35.09	74.00	-38.91	peak	
8		4007.500	24.56	1.63	26.19	54.00	-27.81	AVG	
9		4922.500	31.73	5.23	36.96	74.00	-37.04	peak	
10		4922.500	22.03	5.23	27.26	54.00	-26.74	AVG	
11		5750.000	31.65	6.02	37.67	74.00	-36.33	peak	
12		5750.000	20.89	6.02	26.91	54.00	-27.09	AVG	

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Mode 1		
Test Engineer	Simon Ling		



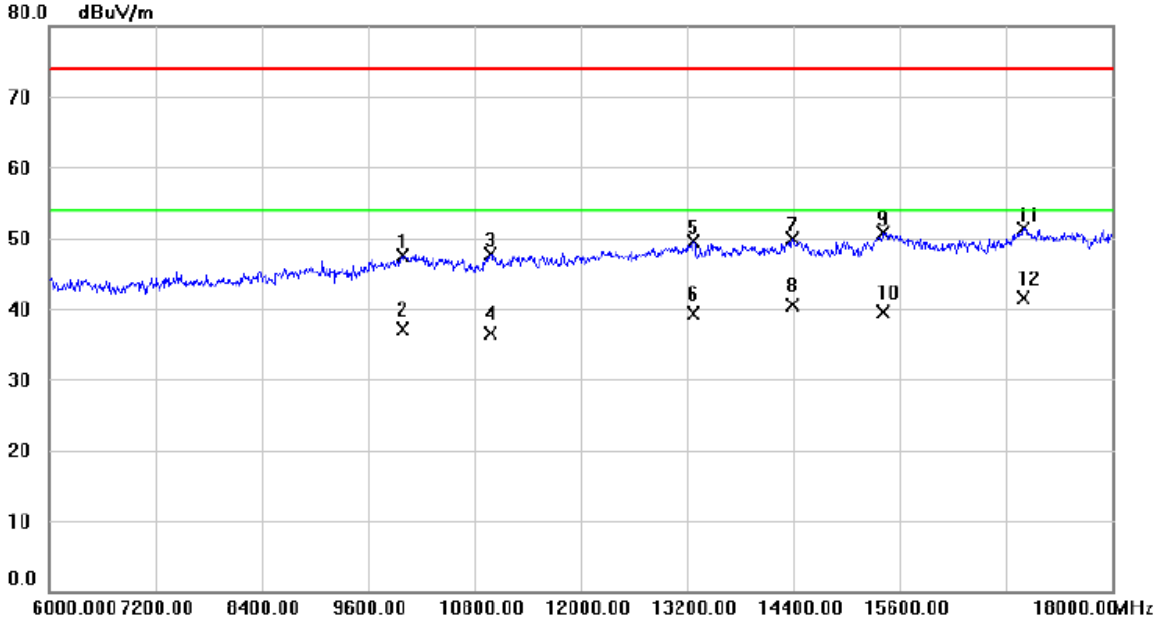
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1075.000	40.19	-6.81	33.38	74.00	-40.62	peak	
2		1075.000	31.24	-6.81	24.43	54.00	-29.57	AVG	
3		1712.500	45.94	-3.95	41.99	74.00	-32.01	peak	
4	*	1712.500	35.42	-3.95	31.47	54.00	-22.53	AVG	
5		2487.500	37.09	-1.60	35.49	74.00	-38.51	peak	
6		2487.500	30.24	-1.60	28.64	54.00	-25.36	AVG	
7		3547.500	35.80	1.33	37.13	74.00	-36.87	peak	
8		3547.500	26.54	1.33	27.87	54.00	-26.13	AVG	
9		4330.000	34.22	2.62	36.84	74.00	-37.16	peak	
10		4330.000	24.01	2.62	26.63	54.00	-27.37	AVG	
11		5285.000	32.65	5.75	38.40	74.00	-35.60	peak	
12		5285.000	21.47	5.75	27.22	54.00	-26.78	AVG	

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Mode 1		
Test Engineer	Simon Ling		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		8028.000	36.63	10.89	47.52	74.00	-26.48	peak	
2		8028.000	26.54	10.89	37.43	54.00	-16.57	AVG	
3		10344.00	33.32	14.56	47.88	74.00	-26.12	peak	
4		10344.00	22.52	14.56	37.08	54.00	-16.92	AVG	
5		12252.00	31.71	17.69	49.40	74.00	-24.60	peak	
6		12252.00	20.35	17.69	38.04	54.00	-15.96	AVG	
7		13896.00	30.14	20.11	50.25	74.00	-23.75	peak	
8		13896.00	18.98	20.11	39.09	54.00	-14.91	AVG	
9		15924.00	33.35	17.71	51.06	74.00	-22.94	peak	
10		15924.00	22.46	17.71	40.17	54.00	-13.83	AVG	
11		16608.00	33.02	18.74	51.76	74.00	-22.24	peak	
12	*	16608.00	21.89	18.74	40.63	54.00	-13.37	AVG	

EUT	LTE Module	Model Name	ME919Bs-567ab
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Mode 1		
Test Engineer	Simon Ling		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9984.000	33.46	14.03	47.49	74.00	-26.51	peak	
2		9984.000	22.98	14.03	37.01	54.00	-16.99	AVG	
3		10980.00	31.93	15.80	47.73	74.00	-26.27	peak	
4		10980.00	20.64	15.80	36.44	54.00	-17.56	AVG	
5		13272.00	30.69	18.75	49.44	74.00	-24.56	peak	
6		13272.00	20.46	18.75	39.21	54.00	-14.79	AVG	
7		14388.00	28.99	20.84	49.83	74.00	-24.17	peak	
8		14388.00	19.68	20.84	40.52	54.00	-13.48	AVG	
9		15420.00	32.79	17.89	50.68	74.00	-23.32	peak	
10		15420.00	21.57	17.89	39.46	54.00	-14.54	AVG	
11		16992.00	31.54	19.82	51.36	74.00	-22.64	peak	
12	*	16992.00	21.64	19.82	41.46	54.00	-12.54	AVG	

End of Test Report