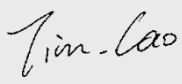
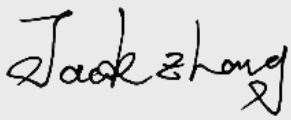
DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006, Jiangsu, China
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098

Test report No:
22B0907R-RF-US-P40V01

FCC & ISED TEST REPORT

Product Name	iCG160 GNSS Receiver
Trademark	Leica
Model and /or type reference	iCG160
FCC ID	RFD-iCG160
IC	3177A-iCG160
Applicant´s name / address	LEICA GEOSYSTEMS AG Heinrich-Wild-Strasse, 9435 Heerbrugg, Switzerland
Test method requested, standard	FCC CFR Title 47 Part 15,22,24,27,90 ANSI C63.10: 2013 ANSI C63.26: 2015 ANSI/TIA-603-E: 2016 RSS-247 Issue 2, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3, RSS-199 Issue 3, RSS-Gen Issue 5
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao/Project Engineer 
Approved by (name / position & signature)	Jack Zhang/ Supervisor 
Date of issue	2023-03-09
Report Version	V1.0
Report template No	Template_Part 15&22&24&27&90-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Dec. 08, 2022
Date (start test)	Dec. 15, 2022
Date (finish test)	Jan. 04, 2023

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
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4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	:	Equipment Under Test
QP	:	Quasi-Peak
CAV	:	CISPR Average
AV	:	Average
CDN	:	Coupling Decoupling Network
SAC	:	Semi-Anechoic Chamber
OATS	:	Open Area Test Site
BW	:	Bandwidth
AM	:	Amplitude Modulation
PM	:	Pulse Modulation
HCP	:	Horizontal Coupling Plane
VCP	:	Vertical Coupling Plane
U_N	:	Nominal voltage
*T*x	:	Transmitter
*R*x	:	Receiver
N/A	:	Not Applicable
N/M	:	Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
22B0907R-RF-US-P40V01	V1.0	Initial issue of report.	2023-03-09

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with FCC Part 15,22,24,27, RSS-247 Issue 2, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3, RSS-199 Issue 3, RSS-195 Issue 2, RSS-Gen Issue 5.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results relate only to the samples tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
   - Chapter 1.1 General Description of the Item(s);
   - Chapter 1.2 Antenna Information;
   - Chapter 1.3 Channel List.

USED EQUIPMENT

Radiated Emission(30MHz-1GHz) / AC3

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100573	2022.09.17	2023.09.16
Wideband Radio Communication Tester	R&S	CMW 500	1201.0002K50-158243-jb	2022.05.21	2023.05.20
Loop Antenna	R&S	HFH2-Z2	833799/003	2022.04.15	2023.04.14
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2022.11.21	2023.11.20
Temperature/Humidity Meter	RTS	RTS-8S	AC3-TH	2022.07.09	2023.07.08
Coaxial Cable	Huber+Suhner	RG 214	AC3-C	2022.03.30	2023.03.29
Dekra test software	Dekra	-	-	-	-

Radiated Emission(1GHz-40GHz) / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2022.08.12	2023.08.11
Wideband Radio Communication Tester	R&S	CMW 500	1201.0002K50-158243-jb	2022.05.21	2023.05.20
Pre-Amplifier	SKET	LNPA_0118G-45	SK2021090101	2022.04.15	2023.04.14
Preamplifier	CHENGYI	EMC184045SE	980263	2022.05.21	2023.05.20
DRG Horn	ETS-Lindgren	3117	00123988	2022.11.01	2023.10.31
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2022.05.19	2023.05.18
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2022.07.07	2023.07.06
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2022.07.07	2023.07.06
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2022.03.21	2023.03.20
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2022.03.21	2023.03.20
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2022.03.21	2023.03.20
Dekra test software	Dekra	-	-	-	-

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Test item	Uncertainty
Radiated Emissions	±3.2 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name ..... :	iCG160 GNSS Receiver
Model No. ..... :	iCG160
FCC ID..... :	RFD-iCG160
IC..... :	3177A-iCG160
Software version ..... :	0.1.248
Hardware version ..... :	3
Manufacturer..... :	LEICA GEOSYSTEMS AG
Manufacturer Address ..... :	Heinrich-Wild-Strasse, 9435 Heerbrugg, Switzerland

Wireless specification..... :	WCDMA
Support Band(s) ..... :	Band II / IV / V
Uplink Frequency ..... :	Band II: 1850-1910 MHz Band IV: 1710-1755 MHz Band V: 824-849 MHz
Downlink Frequency..... :	Band II: 1930-1990 MHz Band IV: 2110-2155 MHz Band V: 869-894 MHz
Type of Modulation..... :	QPSK

Wireless specifiction..... :	LTE
Support Band(s)	Band 2 / 4 / 5 / 7 / 12 / 13 / 26 / 41 / 66
Uplink Frequency	Band 2: 1850-1910 MHz Band 4: 1710-1755 MHz Band 5: 824-849 MHz Band 7: 2500-2570 MHz Band 12: 699-716 MHz Band 13: 777-787 MHz Band 26: 814-849 MHz Band 41: 2496-2690 MHz Band 66: 1710-1780 MHz
Downlink Frequency	Band 2: 1930-1990 MHz Band 4: 2110-2155 MHz Band 5: 869-894 MHz Band 7: 2620-2690 MHz Band 12: 729-746 MHz Band 13: 746-756 MHz Band 26: 859-894 MHz Band 41: 2496-2690 MHz Band 66: 2110-2180 MHz
Type of Modulation..... :	BPSK, QPSK, 16QAM

Wireless specifiction..... :	WLAN

Operating frequency range(s).....:	2400~2483.5MHz
Type of modulation.....:	802.11b: DSSS-DBPSK, DQPSK, CCK 802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM
Number of channel.....:	802.11b/g/n(20MHz) : 11 802.11n(40MHz) : 9

Wireless specification.....:	Bluetooth V5.2 - BR/EDR					
Operating frequency range(s).....:	2400~2483.5MHz					
Type of Modulation.....:	☒	GFSK	☒	Pi/4 DQPSK	☒	8DPSK
Data Rate.....:	☒	1Mbit/s	☒	2Mbit/s	☒	3Mbit/s
Number of channel.....:	79					

Wireless specifiction.....:	SRD 900
Operating frequency range(s).....:	902~928MHz
Type of modulation.....:	8PSK
Number of channel.....:	3

Rated power supply..... :	Voltage and Frequency	
	☐	AC: 220 – 240 V, 50/60 Hz
	☐	AC: 100 – 120 V, 50/60 Hz
	☒	DC: 12Vdc
	☐	Battery: 3.7V
Mounting position ..... :	☐	Table top equipment
	☐	Wall/Ceiling mounted equipment
	☒	Floor standing equipment
	☐	Hand-held equipment
	☐	Other: vehicle-mounted equipment

1.2 Antenna Information

Antenna serial number .....:	CU22005 For LTE/WCDMA CU22005 For WIFI/BT S161TC-915 For UHF 900MHz			
Antenna Delivery .....:	☒	1TX + 1RX		
	☐	2TX + 2RX		
Antenna technology.....:	☒	SISO		
	☐	MIMO	☐	CDD
			☐	Beam-forming
Antenna Type.....:	☒	External	☒	Dipole
			☐	Sectorized
	☒	Internal	☐	PIFA
			☒	FPC
			☐	Ceramic Chip
			☐	Others……..
Antenna Gain.....:	LTE/WCDMA For 698-960MHz 2.80 dBi LTE/WCDMA For 1710-2170MHz 4.20 dBi LTE For 2300-2400MHz 2.80 dBi LTE For 2500-2690MHz 1.60 dBi WIFI/BT 2.80 dBi UHF 900MHz 2.50 dBi			

1.3 Channel List

WCDMA Band	Channel/ Frequency (MHz)	Channel & Frequency(MHz)		
		Lowest	Middle	Highest
2	Channel	18601	18900	19199
	Frequency	1850.1	1880	1909.9
4	Channel	19951	20175	20399
	Frequency	1710.1	1732.5	1754.9
5	Channel	20401	20525	20649
	Frequency	824.1	836.5	848.9

LTE Band	Bandwidth (MHz)	Channel/ Frequency (MHz)	Channel & Frequency(MHz)		
			Lowest	Middle	Highest
2	1.4	Channel	18607	18900	19193
		Frequency	1850.7	1880	1909.3
	3	Channel	18615	18900	19185
		Frequency	1851.5	1880	1908.5
	5	Channel	18625	18900	19175
		Frequency	1852.5	1880	1907.5
	10	Channel	18650	18900	19150
		Frequency	1855	1880	1905
	15	Channel	18675	18900	19125
		Frequency	1857.5	1880	1902.5
	20	Channel	18700	18900	19100
		Frequency	1860	1880	1900
4	1.4	Channel	19957	20175	20393
		Frequency	1710.7	1732.5	1754.3
	3	Channel	19965	20175	20385
		Frequency	1711.5	1732.5	1753.5
	5	Channel	19975	20175	20375
		Frequency	1712.5	1732.5	1752.5
	10	Channel	20000	20175	20350
		Frequency	1715	1732.5	1750
	15	Channel	20025	20175	20325
		Frequency	1717.5	1732.5	1747.5
	20	Channel	20050	20175	20300
		Frequency	1720	1732.5	1745
5	1.4	Channel	20407	20525	20643
		Frequency	824.7	836.5	848.3
	3	Channel	20415	20525	20635
		Frequency	825.5	836.5	847.5
	5	Channel	20425	20525	20625
		Frequency	826.5	836.5	846.5
	10	Channel	20450	20525	20600
		Frequency	829	836.5	844
7	5	Channel	20775	21100	21425
		Frequency	2502.5	2535	2567.5
	10	Channel	20800	21100	21400

		Frequency	2505	2535	2565
	15	Channel	20825	21100	21375
		Frequency	2507.5	2535	2562.5
	20	Channel	20850	21100	21350
		Frequency	2510	2535	2560
12	1.4	Channel	23017	23095	23173
		Frequency	699.7	707.5	715.3
	3	Channel	23025	23095	23165
		Frequency	700.5	707.5	714.5
	5	Channel	23035	23095	23155
		Frequency	701.5	707.5	713.5
	10	Channel	23060	23095	23130
		Frequency	704	707.5	711
13	5	Channel	23205	23230	23255
		Frequency	779.5	782	784.5
	10	Channel	-	23230	-
		Frequency	-	782	-
14	5	Channel	23305	23330	23355
		Frequency	790.5	793	795.5
	10	Channel	-	23330	-
		Frequency	-	793	-
26 For FCC	1.4	Channel	26865	27033	26697
		Frequency	831.5	848.3	814.7
	3	Channel	26705	26865	27025
		Frequency	815.5	831.5	847.5
	5	Channel	26715	26865	27015
		Frequency	816.5	831.5	846.5
	10	Channel	26740	26865	26990
		Frequency	819	831.5	844
	15	Channel	26765	26865	26965
		Frequency	821.5	831.5	841.5
26 For IC	1.4	Channel	26797	26915	27033
		Frequency	824.7	836.5	848.3
	3	Channel	26805	26915	27025
		Frequency	825.5	836.5	847.5
	5	Channel	26815	26915	27015
		Frequency	826.5	836.5	846.5
	10	Channel	26840	26915	26990

		Frequency	829	836.5	844
	15	Channel	26865	26915	26965
		Frequency	831.5	836.5	841.5
41	5	Channel	39715	40620	41565
		Frequency	2502.5	2593	2687.5
	10	Channel	39740	40620	41540
		Frequency	2505	2593	2685
	15	Channel	39765	40620	41515
		Frequency	2507.5	2593	2682.5
	20	Channel	39790	40620	41490
		Frequency	2510	2593	2680
66	1.4	Channel	131979	132322	132665
		Frequency	1710.7	1745	1779.3
	3	Channel	131987	132322	132657
		Frequency	1711.5	1745	1778.5
	5	Channel	131996	132322	132647
		Frequency	1712.5	1745	1777.5
	10	Channel	132022	132322	132622
		Frequency	1715	1745	1775
	15	Channel	132047	132322	132597
		Frequency	1717.5	1745	1772.5
	20	Channel	132072	132322	132572
		Frequency	1720	1745	1770

IEEE 802.11b/g & IEEE 802.11n (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412 MHz	2	2417 MHz	3	2422 MHz	4	2427 MHz
5	2432 MHz	6	2437 MHz	7	2442 MHz	8	2447 MHz
9	2452 MHz	10	2457 MHz	11	2462 MHz	-	-

IEEE 802.11n(40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz	010	2457 MHz
011	2462 MHz	N/A	N/A	N/A	N/A	N/A	N/A

SRD 900MHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	902 MHz	2	915 MHz	3	928 MHz	N/A	N/A

Bluetooth Working Frequency of Each Channel: (For BR/EDR)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2403 MHz	02	2404 MHz	03	2405 MHz
04	2406 MHz	05	2407 MHz	06	2408 MHz	07	2409 MHz
08	2410 MHz	09	2411 MHz	10	2412 MHz	11	2413 MHz
12	2414 MHz	13	2415 MHz	14	2416 MHz	15	2417 MHz
16	2418 MHz	17	2419 MHz	18	2420 MHz	19	2421 MHz
20	2422 MHz	21	2423 MHz	22	2424 MHz	23	2425 MHz
24	2426 MHz	25	2427 MHz	26	2428 MHz	27	2429 MHz
28	2430 MHz	29	2431 MHz	30	2432 MHz	31	2433 MHz
32	2434 MHz	33	2435 MHz	34	2436 MHz	35	2437 MHz
36	2438 MHz	37	2439 MHz	38	2440 MHz	39	2441 MHz
40	2442 MHz	41	2443 MHz	42	2444 MHz	43	2445 MHz
44	2446 MHz	45	2447 MHz	46	2448 MHz	47	2449 MHz
48	2450 MHz	49	2451 MHz	50	2452 MHz	51	2453 MHz
52	2454 MHz	53	2455 MHz	54	2456 MHz	55	2457 MHz
56	2458 MHz	57	2459 MHz	58	2460 MHz	59	2461 MHz
60	2462 MHz	61	2463 MHz	62	2464 MHz	63	2465 MHz
64	2466 MHz	65	2467 MHz	66	2468 MHz	67	2469 MHz
68	2470 MHz	69	2471 MHz	70	2472 MHz	71	2473 MHz
72	2474 MHz	73	2475 MHz	74	2476 MHz	75	2477 MHz
76	2478 MHz	77	2479 MHz	78	2480 MHz	N/A	N/A

Note 1: The General Description of the Item , antenna information, Data Rate, Channel List and Test Software for the EUT in clause 1 are provided and confirmed by the client.

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2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

Test Mode For Simultaneous transmission	Mode 1: Transmitter: -Cellular worst case for bands below 1GHz+Bluetooth/WiFi 2.4 GHz worst case+SRD 902-928 MHz
	Mode 2: Transmitter: -Cellular worst case for bands between 1GHz and 2GHz+Bluetooth/WiFi 2.4 GHz worst case+SRD 902-928 MHz
	Mode 3: Transmitter: -Cellular worst case for bands between 2GHz and 3GHz+Bluetooth/WiFi 2.4 GHz worst case+SRD 902-928 MHz
	Mode 4: Transmitter: -Bluetooth/WiFi 2.4 GHz worst case+SRD 902-928 MHz

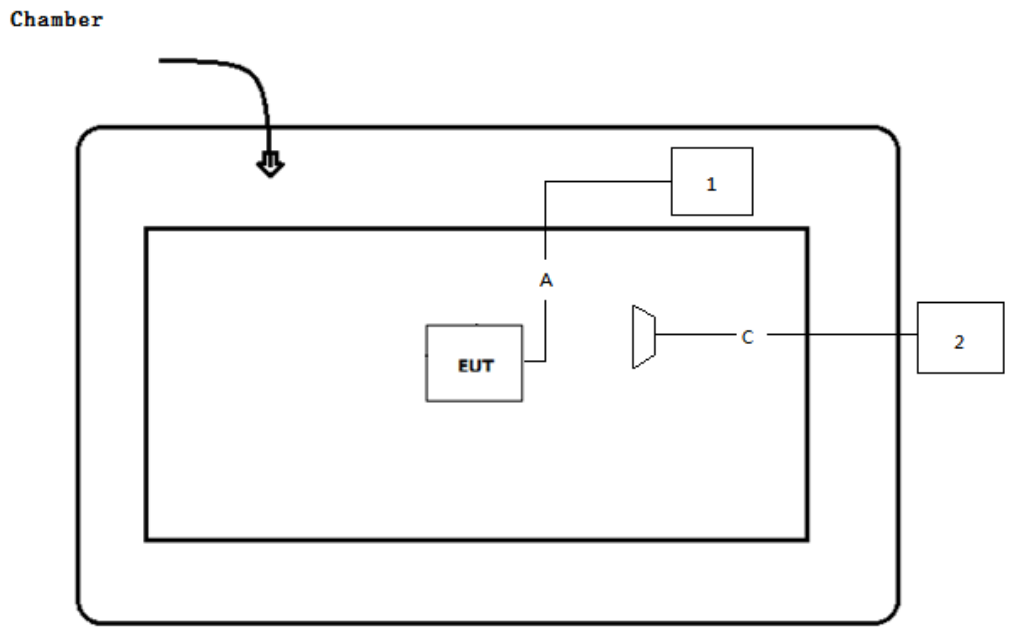
Note : For client device, radiated tests was verified over X, Y, Z axis, and shown the worst case Z axis on this report.

2.2 Auxiliary equipment / Test software for the EUT

No.	Auxiliary equipment	Model No.	Manufacturer	Supplied by
1	DC Power External	GEB373	LEICA	N/A
2	Wideband Radio Communication Tester	CMW 500	R&S	N/A

No.	Signal Cable Type	Signal Cable Description
A	Control Cable	Non-Shielded, 2m
B	Coaxial Cable	Shielded, 1.5m
C	Coaxial Cable	Shielded, 10m

2.3 Test Configuration / Block diagram used for tests

Radiated Connection Diagram	
	
1	Base Station
2	Signal Analyzer

2.4 Testing process

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	EUT Communicate with CMW 500, then select channel to test.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.247	2021	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
FCC CFR Title 47 Part 22	2020	PUBLIC MOBILE SERVICES
FCC CFR Title 47 Part 24	2020	PERSONAL COMMUNICATIONS SERVICES
FCC CFR Title 47 Part 27	2020	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES
FCC CFR Title 47 Part 90	2021	PRIVATE LAND MOBILE RADIO SERVICES
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB558074 D01 v05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247
RSS-247 Issue 2	2017	Digital Transmission Systems (DTSs),Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network(LE-LAN) Devices
RSS-132 Issue 3	2013	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz
RSS-133 Issue 6	2018	2 GHz Personal Communications Services
RSS-130 Issue 2	2019	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz
RSS-139 Issue 3	2015	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz
RSS-199 Issue 3	2015	Broadband Radio Service (BRS)Equipment Operating in the Band 2500–2690 MHz
RSS-Gen Issue 5 Amendment 2	2021	General Requirements for Compliance of Radio Apparatus

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

WCDMA Band II/IV/V, LTE band 2/4/5/7/12/13/26/41/42/43/48/66:

Requirement – Test case	Basic standard(s)	Verdict	Remark
Radiated Emissions	FCC Part 22/24/27/90 RSS-130/132/133/139/190	PASS	

WIFI 2.4G/Bluetooth

Requirement – Test case	Basic standard(s)	Verdict	Remark
Emissions in restricted frequency bands	FCC 15.247 RSS-Gen Issue 5	PASS	---

3.4 Test Facility

USA	**:**	**FCC Designation Number: CN1199**
CA	**:**	**ISED CAB identifier: CN0040**

4 TEST RESULTS

4.1 Radiated Emissions	VERDICT: PASS

4.1.1 Limit

Band	Standard
WCDMA Band V; LTE Band 5/26	FCC §22.917: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
	RSS-132: Section 5.5: The power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10 p (watts).
WCDMA Band II; LTE Band 2	FCC §24.238: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
	RSS-133 Section 6.5: The emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10 p(watts).
LTE Band 12/13	FCC §27.53(g): For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
	FCC §27.53(c): On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB. On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.
	RSS-130 Section 4.7: The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. Equipment operating in the frequency bands 746- 756 MHz and 777-787 MHz shall also comply with the following restrictions: The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least: 65 + 10 log10 p (watts), dB, for mobile and portable equipment. The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.
WCDMA Band IV; LTE Band 4/66	FCC §27.53(h): The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.
	RSS-139 Section 6.6: The emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 log10 p (watts) dB.
LTE Band 7/41	FCC §27.53(h): The attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz
	RSS-199 Section 4.5: The mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least: iii. 55 + 10 log10 p at X MHz and beyond from the channel edges In addition, the attenuation shall not be less than 43 10 log10 p on all frequencies between 2490.5 MHz and 2496 MHz, and 55 + 10 log10 p at or below 2490.5 MHz. In (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

Restricted Bands of operation for FCC

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (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
8.81425 – 8.81475	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			
Restricted Bands of operationfor ISED			
0.090 - 0.110	13.36 - 13.41	960 - 1427	9.0 - 9.2
0.495 - 0.505	16.42 - 16.423	1435 - 1626.5	9.3 - 9.5
2.1735 - 2.1905	16.69475 - 16.69525	1645.5 - 1646.5	10.6 - 12.7
3.020 - 3.026	16.80425 - 16.80475	1660 - 1710	13.25 - 13.4
4.125 - 4.128	25.5 - 25.67	1718.8 - 1722.2	14.47 - 14.5
4.17725 - 4.17775	37.5 - 38.25	2200 - 2300	15.35 - 16.2
4.20725 - 4.20775	73 - 74.6	2310 - 2390	17.7 - 21.4
5.677 - 5.683	74.8 - 75.2	2483.5 - 2500	22.01 - 23.12
6.215 - 6.218	108 - 138	2655 - 2900	23.6 - 24.0
6.26775 - 6.26825	149.9 - 150.05	3260 - 3267	31.2 - 31.8
6.31175 - 6.31225	156.52475 - 156.52525	3332 - 3339	36.43 - 36.5
8.291 - 8.294	156.7 - 156.9	3345.8 - 3358	Above 38.6
8.362 - 8.366	162.0125 - 167.17	3500 - 4400	
8.37625 - 8.38675	167.72 - 173.2	4500 - 5150	
8.41425 - 8.41475	240 - 285	5350 - 5460	
12.29 - 12.293	322 - 335.4	7250 - 7750	
12.51975 - 12.52025	399.9 - 410	8025 - 8500	
12.57675 - 12.57725	608 - 614	--	

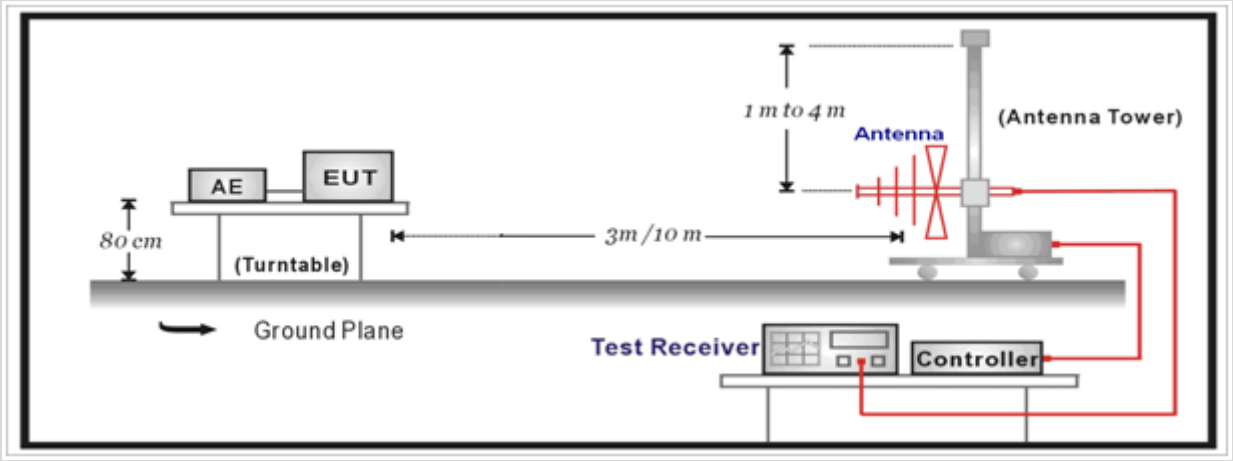
Restricted Band Emissions Limit			
Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30(Note 1)
1.705 - 30	30	29.5	30(Note 1)
30 -88	100	40	3(Note 2)
88-216	150	43.5	3(Note 2)
216 - 960	200	46	3(Note 2)
Above 960	500	54	3(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

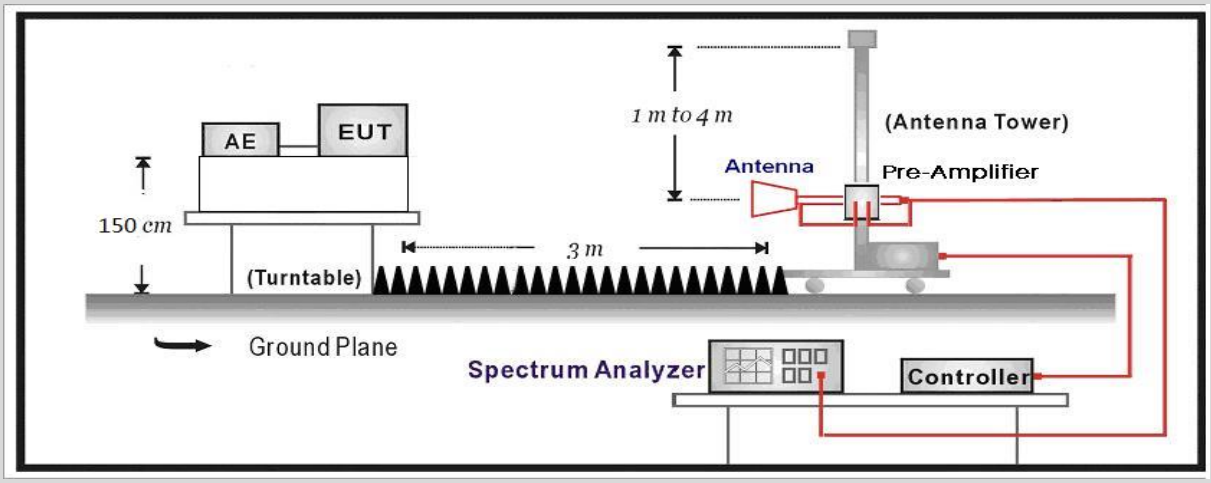
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.1.2 Test Setup

30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.1.3 Test Procedure

	Reference Rule	Chapter	Description
☒	ANSI C63.26	5.5	Radiated emissions testing

The spectrum was scanned from 9 kHz to the 10th harmonic of the highest frequency generated within the equipment.

Emissions below 18 GHz were measured at a 3 meter test distance.

The EUT was tested in three orthogonal axes and in all possible test configurations and poisoning when measurement antenna is orented n both horizontal and vertical polarization, the worst case emissions was showed in the report.

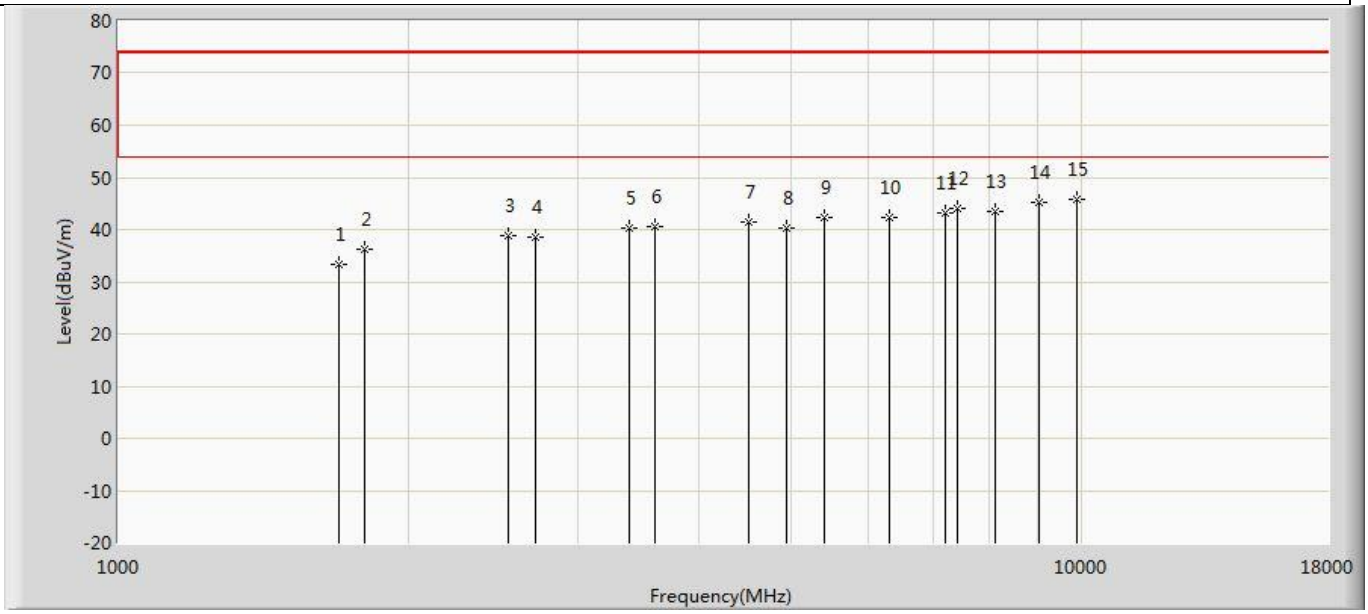
Radiated emissions were used the substitution method descried in ANSI/TIA-603-E-2016.

Radiated emissions were measured with 100kHz RBW below 1GHz and 1MHz RBW above 1GHz.

According to specification, the power of emissions shall be attenuated below the transmitter power (P) by a factor of at least X + 10 log (P) dB. P in watts. The specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e., 10 log P – {X + 10 log P}], resulting in an absolute level of -X dBW [or (-X + 30) dBm].

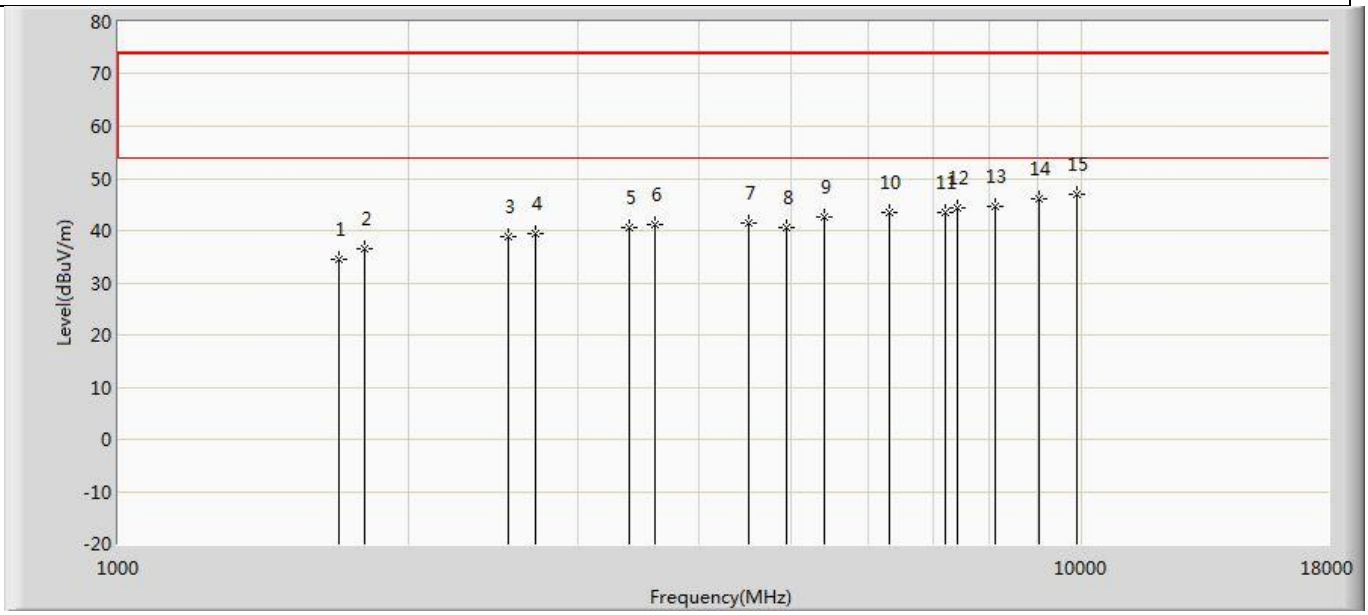
4.1.4 Test Data

Profile: 22B0907R	Page No.: 11
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: ICG160	Power: DC 12Vdc
Note: Mode 1：Transmit at LTE Band20(847MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



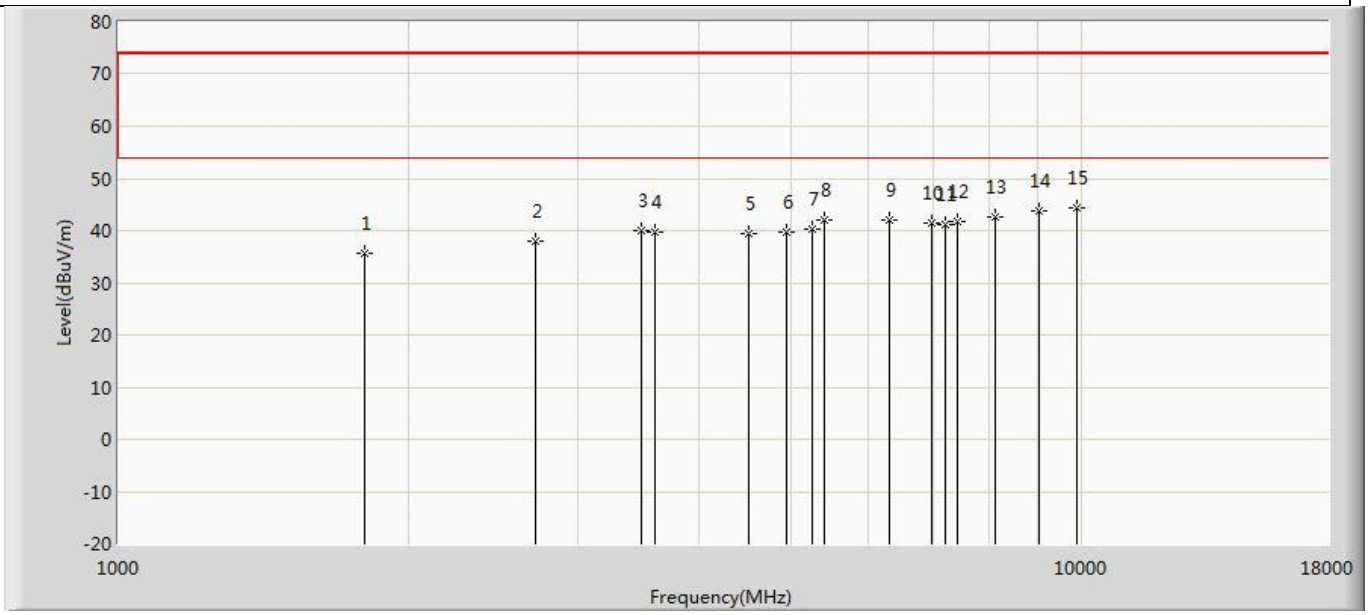
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1694.000	33.394	54.333	-40.606	74.000	-20.940	PK
2		1804.000	36.359	55.629	-37.641	74.000	-19.270	PK
3		2541.000	38.937	56.370	-35.063	74.000	-17.433	PK
4		2706.000	38.611	55.881	-35.389	74.000	-17.270	PK
5		3388.000	40.283	57.313	-33.717	74.000	-17.030	PK
6		3608.000	40.715	57.621	-33.285	74.000	-16.906	PK
7		4510.000	41.372	56.765	-32.628	74.000	-15.393	PK
8		4944.000	40.254	54.898	-33.746	74.000	-14.644	PK
9		5412.000	42.212	55.529	-31.788	74.000	-13.318	PK
10		6314.000	42.289	53.430	-31.711	74.000	-11.141	PK
11		7216.000	43.102	53.994	-30.898	74.000	-10.893	PK
12		7416.000	44.158	54.863	-29.842	74.000	-10.705	PK
13		8118.000	43.572	54.093	-30.428	74.000	-10.522	PK
14		9020.000	45.290	54.718	-28.710	74.000	-9.429	PK
15	*	9888.000	45.867	53.253	-28.133	74.000	-7.387	PK

Profile: 22B0907R	Page No.: 12
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: ICG160	Power: DC 12Vdc
Note: Mode 1：Transmit at LTE Band20(847MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



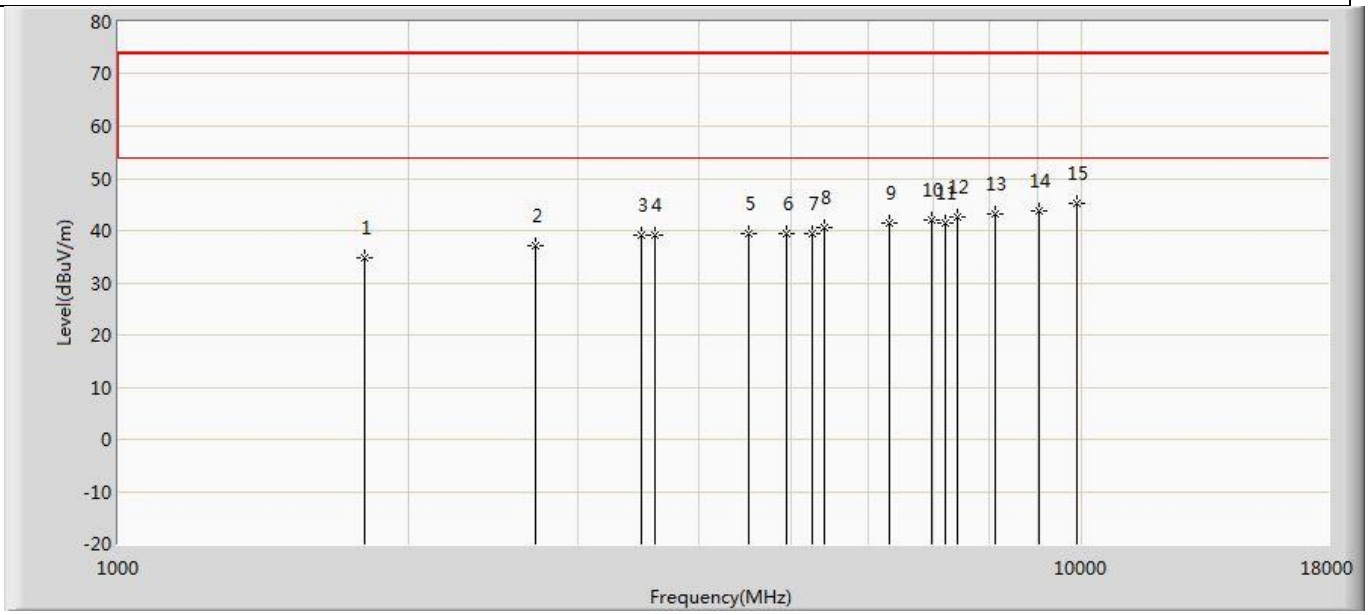
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1694.000	34.394	55.333	-39.606	74.000	-20.940	PK
2		1804.000	36.576	55.846	-37.424	74.000	-19.270	PK
3		2541.000	38.937	56.370	-35.063	74.000	-17.433	PK
4		2706.000	39.296	56.566	-34.704	74.000	-17.270	PK
5		3388.000	40.615	57.645	-33.385	74.000	-17.030	PK
6		3608.000	41.136	58.042	-32.864	74.000	-16.906	PK
7		4510.000	41.419	56.812	-32.581	74.000	-15.393	PK
8		4944.000	40.720	55.364	-33.280	74.000	-14.644	PK
9		5412.000	42.491	55.808	-31.509	74.000	-13.318	PK
10		6314.000	43.593	54.734	-30.407	74.000	-11.141	PK
11		7216.000	43.385	54.277	-30.615	74.000	-10.893	PK
12		7416.000	44.250	54.955	-29.750	74.000	-10.705	PK
13		8118.000	44.548	55.069	-29.452	74.000	-10.522	PK
14		9020.000	46.046	55.474	-27.954	74.000	-9.429	PK
15	*	9888.000	47.016	54.402	-26.984	74.000	-7.387	PK

Profile: 22B0907R	Page No.: 13
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: ICG160	Power: DC 12Vdc
Note: Mode 2：Transmit at LTE Band4(1745MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



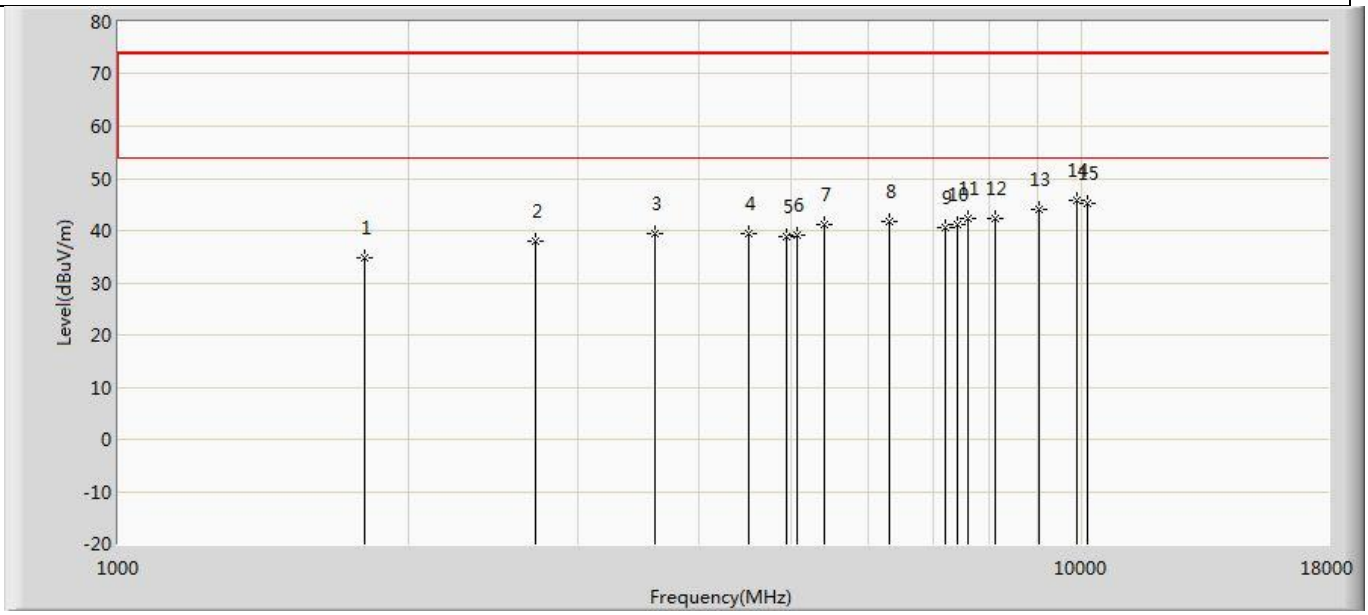
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	35.729	54.999	-38.271	74.000	-19.270	PK
2		2706.000	37.849	55.119	-36.151	74.000	-17.270	PK
3		3495.000	40.024	56.985	-33.976	74.000	-16.961	PK
4		3608.000	39.609	56.515	-34.391	74.000	-16.906	PK
5		4510.000	39.508	54.901	-34.492	74.000	-15.393	PK
6		4944.000	39.671	54.315	-34.329	74.000	-14.644	PK
7		5242.500	40.148	53.989	-33.852	74.000	-13.842	PK
8		5412.000	42.011	55.328	-31.989	74.000	-13.318	PK
9		6314.000	41.947	53.088	-32.053	74.000	-11.141	PK
10		6990.000	41.589	53.185	-32.411	74.000	-11.595	PK
11		7216.000	41.171	52.063	-32.829	74.000	-10.893	PK
12		7416.000	41.630	52.335	-32.370	74.000	-10.705	PK
13		8118.000	42.541	53.062	-31.459	74.000	-10.522	PK
14		9020.000	43.721	53.149	-30.279	74.000	-9.429	PK
15	*	9888.000	44.397	51.783	-29.603	74.000	-7.387	PK

Profile: 22B0907R	Page No.: 14
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: ICG160	Power: DC 12Vdc
Note: Mode 2：Transmit at LTE Band4(1745MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



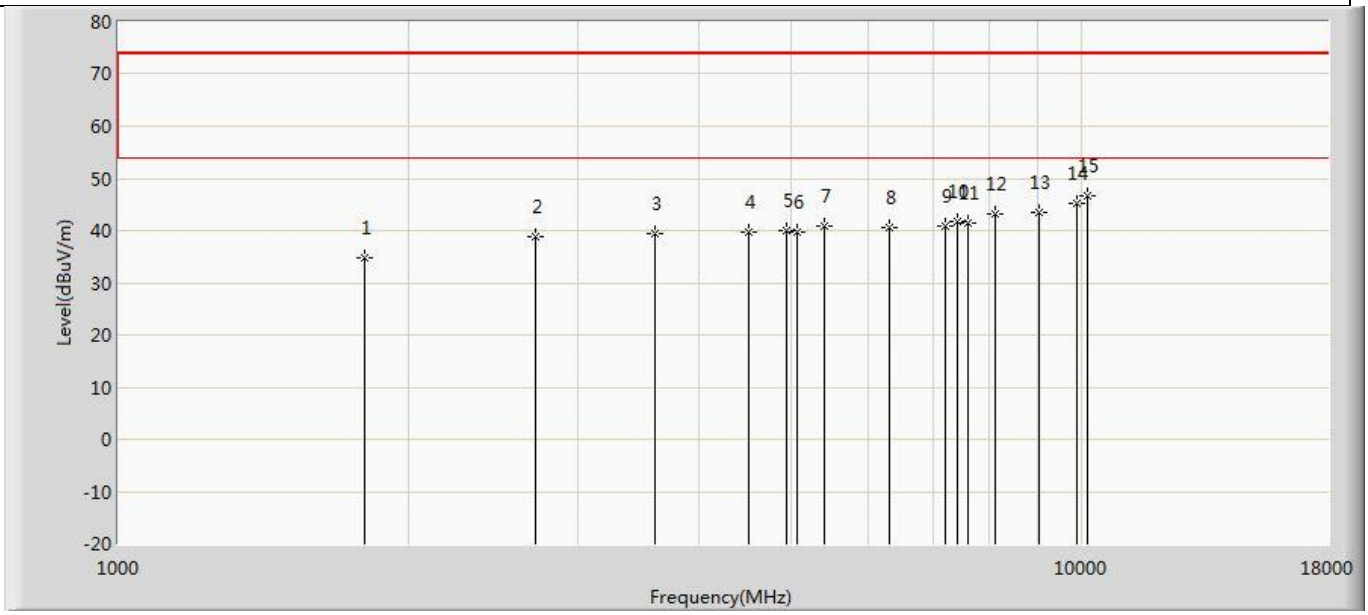
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	34.736	54.006	-39.264	74.000	-19.270	PK
2		2706.000	37.089	54.359	-36.911	74.000	-17.270	PK
3		3495.000	39.199	56.160	-34.801	74.000	-16.961	PK
4		3608.000	39.085	55.991	-34.915	74.000	-16.906	PK
5		4510.000	39.448	54.841	-34.552	74.000	-15.393	PK
6		4944.000	39.330	53.974	-34.670	74.000	-14.644	PK
7		5242.500	39.360	53.201	-34.640	74.000	-13.842	PK
8		5412.000	40.469	53.786	-33.531	74.000	-13.318	PK
9		6314.000	41.501	52.642	-32.499	74.000	-11.141	PK
10		6990.000	41.946	53.542	-32.054	74.000	-11.595	PK
11		7216.000	41.366	52.258	-32.634	74.000	-10.893	PK
12		7416.000	42.547	53.252	-31.453	74.000	-10.705	PK
13		8118.000	43.052	53.573	-30.948	74.000	-10.522	PK
14		9020.000	43.710	53.138	-30.290	74.000	-9.429	PK
15	*	9888.000	45.312	52.698	-28.688	74.000	-7.387	PK

Profile: 22B0907R	Page No.: 15
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: ICG160	Power: DC 12Vdc
Note: Mode 3：Transmit at LTE Band7(2535MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



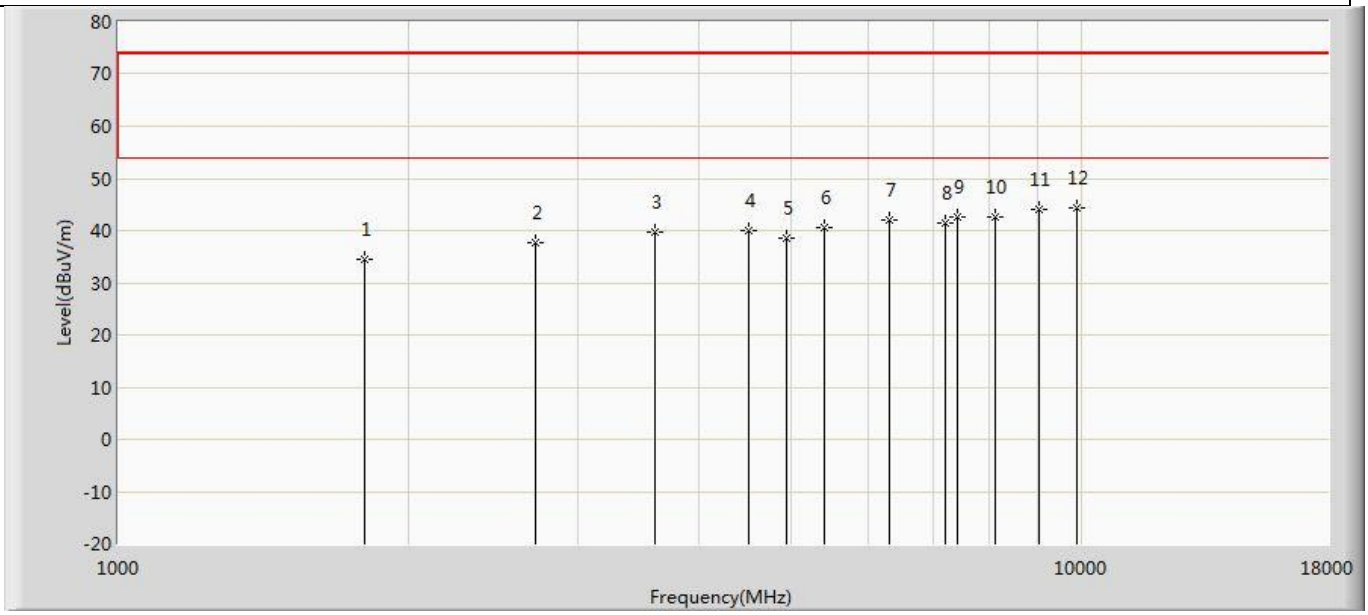
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	34.896	54.166	-39.104	74.000	-19.270	PK
2		2706.000	38.034	55.304	-35.966	74.000	-17.270	PK
3		3608.000	39.425	56.331	-34.575	74.000	-16.906	PK
4		4510.000	39.418	54.811	-34.582	74.000	-15.393	PK
5		4944.000	38.705	53.349	-35.295	74.000	-14.644	PK
6		5070.000	39.161	53.453	-34.839	74.000	-14.292	PK
7		5412.000	41.025	54.342	-32.975	74.000	-13.318	PK
8		6314.000	41.773	52.914	-32.227	74.000	-11.141	PK
9		7216.000	40.511	51.403	-33.489	74.000	-10.893	PK
10		7416.000	41.191	51.896	-32.809	74.000	-10.705	PK
11		7605.000	42.224	53.067	-31.776	74.000	-10.842	PK
12		8118.000	42.334	52.855	-31.666	74.000	-10.522	PK
13		9020.000	44.076	53.504	-29.924	74.000	-9.429	PK
14	*	9888.000	45.890	53.276	-28.110	74.000	-7.387	PK
15		10140.000	45.310	52.621	-28.690	74.000	-7.312	PK

Profile: 22B0907R	Page No.: 16
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: ICG160	Power: DC 12Vdc
Note: Mode 3：Transmit at LTE Band7(2535MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



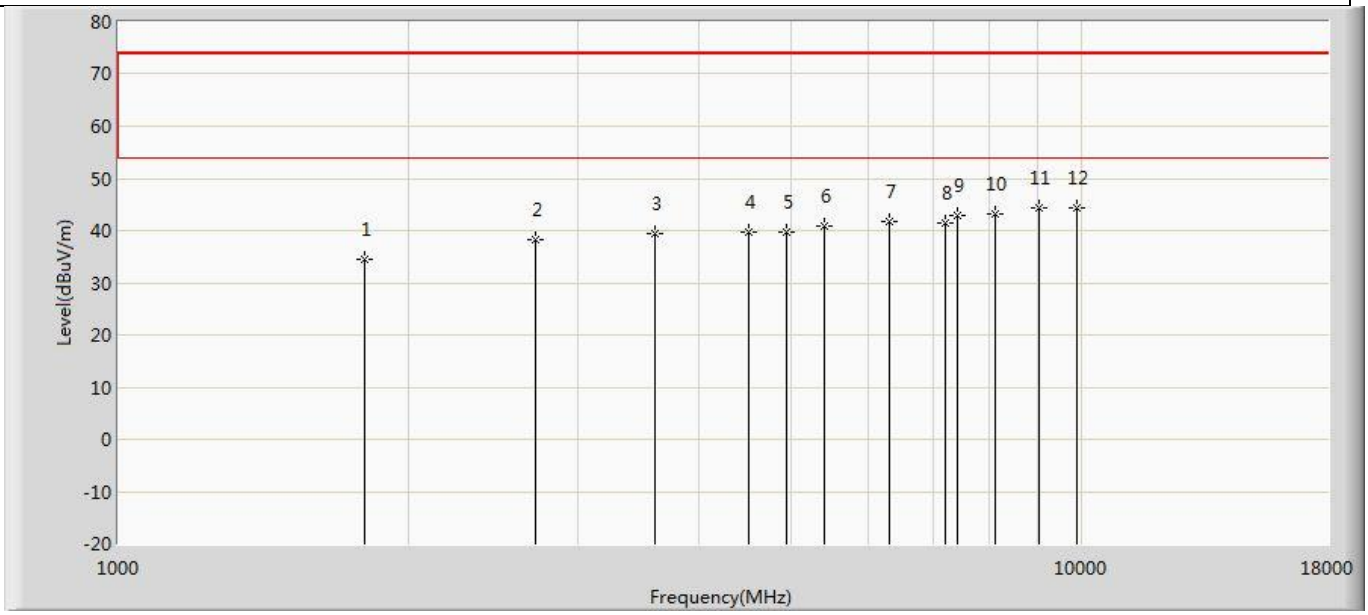
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	34.749	54.019	-39.251	74.000	-19.270	PK
2		2706.000	38.754	56.024	-35.246	74.000	-17.270	PK
3		3608.000	39.285	56.191	-34.715	74.000	-16.906	PK
4		4510.000	39.751	55.144	-34.249	74.000	-15.393	PK
5		4944.000	40.055	54.699	-33.945	74.000	-14.644	PK
6		5070.000	39.566	53.858	-34.434	74.000	-14.292	PK
7		5412.000	40.860	54.177	-33.140	74.000	-13.318	PK
8		6314.000	40.493	51.634	-33.507	74.000	-11.141	PK
9		7216.000	40.920	51.812	-33.080	74.000	-10.893	PK
10		7416.000	41.848	52.553	-32.152	74.000	-10.705	PK
11		7605.000	41.444	52.287	-32.556	74.000	-10.842	PK
12		8118.000	43.047	53.568	-30.953	74.000	-10.522	PK
13		9020.000	43.458	52.886	-30.542	74.000	-9.429	PK
14		9888.000	45.092	52.478	-28.908	74.000	-7.387	PK
15	*	10140.000	46.699	54.010	-27.301	74.000	-7.312	PK

Profile: 22B0907R	Page No.: 19
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: ICG160	Power: DC 12Vdc
Note: Mode 4：Transmit at WLAN2.4G(2462MHz)+SRD(902MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	34.374	53.644	-39.626	74.000	-19.270	PK
2		2706.000	37.686	54.956	-36.314	74.000	-17.270	PK
3		3608.000	39.712	56.618	-34.288	74.000	-16.906	PK
4		4510.000	40.091	55.484	-33.909	74.000	-15.393	PK
5		4944.000	38.503	53.147	-35.497	74.000	-14.644	PK
6		5412.000	40.581	53.898	-33.419	74.000	-13.318	PK
7		6314.000	41.991	53.132	-32.009	74.000	-11.141	PK
8		7216.000	41.530	52.422	-32.470	74.000	-10.893	PK
9		7416.000	42.605	53.310	-31.395	74.000	-10.705	PK
10		8118.000	42.521	53.042	-31.479	74.000	-10.522	PK
11		9020.000	44.047	53.475	-29.953	74.000	-9.429	PK
12	*	9888.000	44.224	51.610	-29.776	74.000	-7.387	PK

Profile: 22B0907R	Page No.: 20
Engineer: Yuliu	
Site: AC5	Time: 2022/12/29 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: ICG160	Power: DC 12Vdc
Note: Mode 4：Transmit at WLAN2.4G(2462MHz)+SRD(902MHz)	



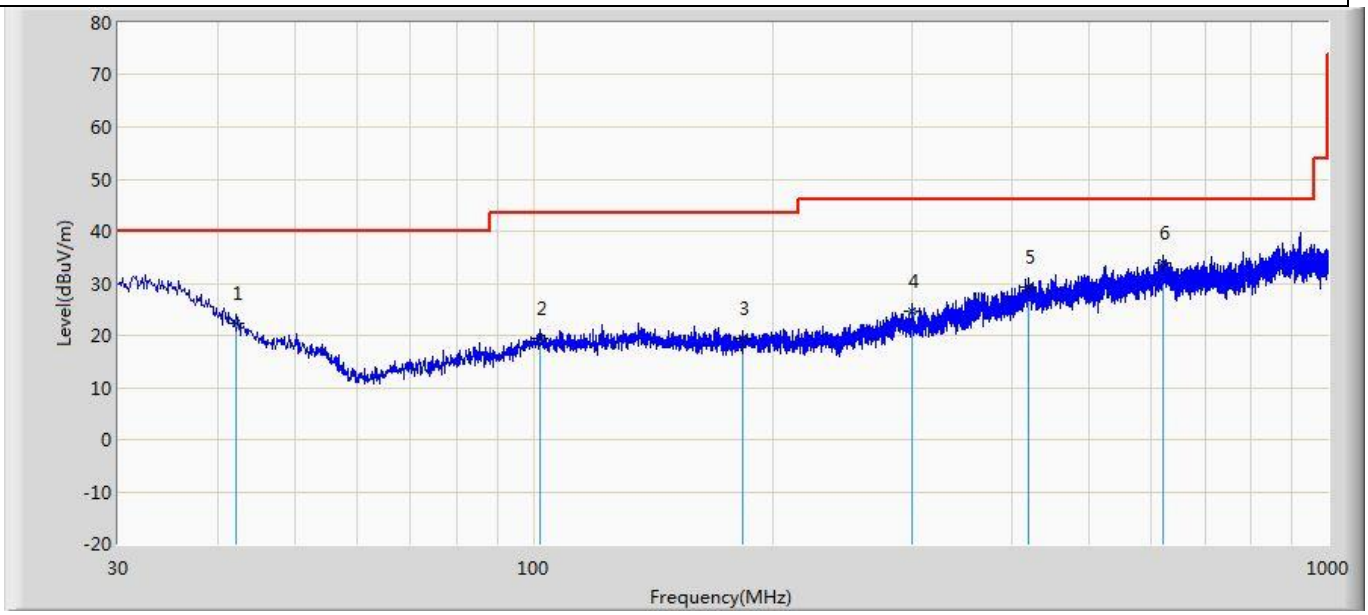
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.000	34.585	53.855	-39.415	74.000	-19.270	PK
2		2706.000	38.205	55.475	-35.795	74.000	-17.270	PK
3		3608.000	39.520	56.426	-34.480	74.000	-16.906	PK
4		4510.000	39.805	55.198	-34.195	74.000	-15.393	PK
5		4944.000	39.618	54.262	-34.382	74.000	-14.644	PK
6		5412.000	40.784	54.101	-33.216	74.000	-13.318	PK
7		6314.000	41.837	52.978	-32.163	74.000	-11.141	PK
8		7216.000	41.350	52.242	-32.650	74.000	-10.893	PK
9		7416.000	42.865	53.570	-31.135	74.000	-10.705	PK
10		8118.000	43.086	53.607	-30.914	74.000	-10.522	PK
11		9020.000	44.432	53.860	-29.568	74.000	-9.429	PK
12	*	9888.000	44.459	51.845	-29.541	74.000	-7.387	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for both peak and average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4.The points in graph are the highest data in test frequency range.

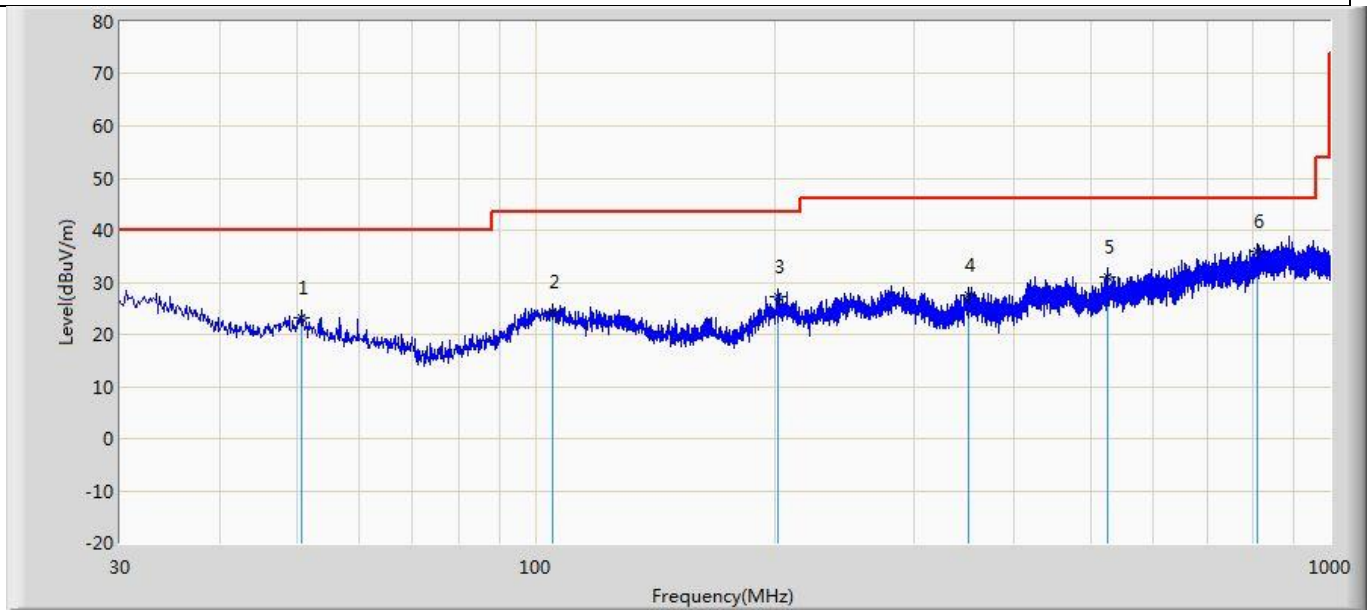
The worst case of Radiated Emission below 1GHz:

Profile: 22B0907R	Page No.: 9
Engineer: Yuliu	
Site: AC3	Time: 2023/01/05 - 20:42
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC3_3M(30-1000M)	Polarity: Horizontal
EUT: ICG160	Power: DC 12Vdc
Note: Mode 2：Transmit at LTE Band4(1745MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		42.246	22.397	2.603	-17.603	40.000	19.794	QP
2		101.901	19.352	2.317	-24.148	43.500	17.035	QP
3		183.503	19.330	2.435	-24.170	43.500	16.895	QP
4		299.418	24.555	3.896	-21.445	46.000	20.659	QP
5		419.091	29.145	2.159	-16.855	46.000	26.986	QP
6	*	620.003	33.964	3.190	-12.036	46.000	30.775	QP

Profile: 22B0907R	Page No.: 10
Engineer: Yuliu	
Site: AC2	Time: 2023/01/05 - 20:42
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: ICG160	Power: DC 12Vdc
Note: Mode 2：Transmit at LTE Band4(1745MHz)+WLAN2.4G(2462MHz)+SRD(902MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		50.734	23.147	3.849	-16.853	40.000	19.298	QP
2		104.933	24.347	2.084	-19.153	43.500	22.263	QP
3		202.296	27.217	3.733	-16.283	43.500	23.484	QP
4		350.342	27.469	2.526	-18.531	46.000	24.943	QP
5		524.458	30.968	4.209	-15.032	46.000	26.759	QP
6	*	811.941	36.079	3.513	-9.921	46.000	32.565	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

5 Test setup photo and EUT Photo	VERDICT: PASS

Remark: The test setup photo and EUT Photo please see appendix.

The End