TEST REPORT

Application No.:	SUCR2403000069TL
Applicant:	Nokia Shanghai Bell Co., Ltd.
Address of Applicant:	388#, Ningqiao Road, China (Shanghai) Pilot Free Trade Zone, Shanghai 201206, China
Manufacturer:	Nokia Solutions and Networks Oy
Address of Manufacturer:	Karakaari 7 02610 Espoo Finland
EUT Description:	FastMile 5G mmWave Receiver
Model No.:	5Gmm28-B
Trade Mark:	Nokia
FCC ID:	2ADZR5GMM28B
Standards:	FCC 47 CFR Part 30
Date of Receipt:	2024/03/27
Date of Test:	2024/06/12 to 2024/08/11
Date of Issue:	2024/08/11
Test Result :	**PASS ***

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

Cloud Peng

Cloud Peng
Technical Manager

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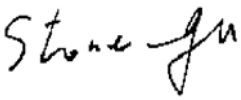
Version

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		2024/07/24		Original

Prepared By		 **(Levi Li) / Test Engineer**
Checked By		 **(Stone Gu) / Reviewer**

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1 Test Summary

Report Clause	Test Item	FCC Rule No.	Limit	Result
3.1	Occupied bandwidth	FCC §2.1049	Not Applicable	For Report Purpose
3.2	Equivalent Isotropic Radiated Power (EIRP)	FCC §30.202 FCC §2.1051	+55dBm	PASS
3.3	Spurious Emission	FCC §30.203 FCC §2.1051	-5dBm/MHz -13dBm/MHz	PASS
3.4	Frequency Stability	FCC §2.1055	Within the band	PASS

2 General Information

2.1 Details of Client

Applicant:	Nokia Shanghai Bell Co., Ltd.
Address of Applicant:	388#, Ningqiao Road, China (Shanghai) Pilot Free Trade Zone, Shanghai 201206, China
Manufacturer:	Nokia Solutions and Networks Oy
Address of Manufacturer:	Karakaari 7 02610 Espoo Finland

2.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	King Li,Tizzy Song

2.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• FCC –Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number: 717327

2.4 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR Part 2, 30
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 842590 D01 Upper Microwave Flexible Use Service v01r01

2.5 General Description of EUT

EUT Description:	FastMile 5G mmWave Receiver			
Model No.:	5Gmm28-B			
Trade Mark:	Nokia			
Hardware Version:	3TG02974Axxx(x:A~Z)			
Software Version:	5GmmReceiver-360-1_D240200BieT0601E0600			
Power Supply:	54VDC			
IMEI:	RSE	350977840001680		
Antenna Type:	☐ External, ☒ Integrated			
Antenna Gain:	FR2 n258: 25dBi		FR2 n260: 25dBi	
	FR2 n260: 25dBi			
	Note: The antenna gain are derived from provided by the manufacturer.			
Remark: As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.				

2.6 Technical Specification

Characteristics	Description		
Radio System Type	☒ SA ☒ NSA		
Supported Frequency Range	Band	TX	RX
	NR Band n258-a	24250 to 24450 MHz	24250 to 24450 MHz
	NR Band n258-b	24750 to 25250 MHz	24750 to 25250 MHz
	NR Band n260	37000 to 40000 MHz	37000 to 40000 MHz
	NR Band n261	27500 to 28350 MHz	27500 to 28350 MHz
MIMO	Only Support MIMO		
UL CA	n258I-b 4CC (400MHz) n260I 4CC (400MHz)		
Supported Channel Bandwidth	NR Band n258-a	SCS 120kHz:	
		☒50 MHz ☒100 MHz ☒200 MHz	
	NR Band n258-b	SCS 120kHz:	
		☒50 MHz ☒100 MHz ☒200 MHz	
	NR Band n260	SCS 120kHz:	
		☒50 MHz ☒100 MHz	
	NR Band n261	SCS 120kHz:	
		☒50 MHz ☒100 MHz	

2.7 Test Mode

Test Mode	Test Modes Description
NR/TM1	NR system, BPSK modulation
NR/TM2	NR system, QPSK modulation
NR/TM3	NR system, 16QAM modulation
NR/TM4	NR system, 64QAM modulation
Remark: The test mode(s) are selected according to relevant radio technology specifications.	

The EUT was found the worst case, then used the below for final measurements.

1CC (n258-a, n258-b)

Test Items	BW(MHz)			Modulations				Channel	RB			Beam ID	Axis
	50	100	200	BPSK	QPSK	16 QAM	64 QAM		1	-	Full	MIMO	(X,Y,Z)
Occupied Bandwidth	V	V	V	V	V	V	V	M	V	V	V	47+303	Y
EIRP	V	V	V	V	V	V	V	L,M,H	V	V	V	47+303	Y
Radiated Spurious Emission	V	V	V		V			L,M,H		V		47+303	Y
Band Edge	V	V	V	V	V	V	V	L,H	V		V	47+303	Y
Frequency Stability			V		V			M				47+303	Y

1CC(n260, n261)

Test Items	BW(MHz)		Modulations				Channel	RB			Beam ID	Axis
	50	100	BPSK	QPSK	16 QAM	64 QAM		1	-	Full	MIMO	(X,Y,Z)
Occupied Bandwidth	V	V	V	V	V	V	M	V	V	V	47+303	Y
EIRP	V	V	V	V	V	V	L,M,H	V	V	V	47+303	Y
Radiated Spurious Emission	V	V		V			L,M,H		V		47+303	Y
Band Edge	V	V	V	V	V	V	L,H	V		V	47+303	Y
Frequency Stability				V			M				47+303	Y

4CC(n258-b,n260)

Test Items	BW(MHz)	Modulations				Channel	RB			Beam ID	Axis
	4CC(100*4)	BPSK	QPSK	16 QAM	64 QAM		1	-	Full	MIMO	(X,Y,Z)
Occupied Bandwidth	V	V	V	V	V	M	V	V	V	47+303	Y
EIRP	V	V	V	V	V	L,M,H	V	V	V	47+303	Y
Radiated Spurious Emission	V		V			L,M,H			V	47+303	Y
Band Edge	V	V	V	V	V	L,H	V		V	47+303	Y
Frequency Stability			V			M				47+303	Y

Note:
1. V: Chosen for final testing
2. CC: Component Carrier
3. In the pre-test results between CP-ODFM and DFT-s-OFDM, only the worst case (DFT-s-OFDM) is shown in the test report.
4. 4CC Configuration only supports 100MHz+100MHz+100MHz+100MHz.
5. Spurious emissions are initially measured by using radiated EIRP method. If EIRP measurement results exceed the emission limit, then TRP measurement will be used for official test report. Test results of TRP measurement are marked as “TRP Measurement”(Measurement Procedure: FCC KDB 842590 D01 V01r02 Section 4.4.2.5).
6. For radiated spurious emission, the worst condition of the EIRP of fundamental signal is chosen for radiated spurious emission from 30MHz to 200GHz for supporting bands, respectively. The spurious emissions are also investigated in EN-DC(LTE+FR2) and FR1+FR2 DC mode, and there are no obvious new emissions.

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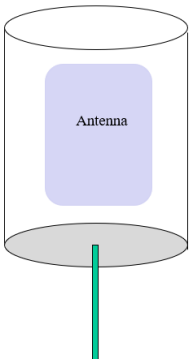
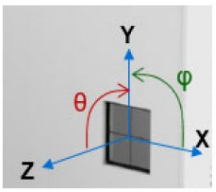
Antenna Location





2.8 Minimum Measurement Distance Evaluation

According to KDB842590 D01, the all measurements of the fundamental emission, out of band, harmonics and spurious emissions shall be made in the far field of the measurement antenna. The far-field boundary for mm-wave antennas is greater than or equal to $2D2/\lambda$ (with D being the largest dimension of the antenna, and λ the wavelength of the emission). When the selected far-field measurement distance is different than the distance at which the applicable limit is specified, a linear inverse distance attenuation factor (20 dB/decade of distance change for field strength) shall be applied. For fundamental or out-of-band emissions the largest far-field distance of either the EUT antenna or measurement antenna shall be used. For spurious emissions the far-field distance will be based on the measurement antenna.

Horn Antenna	Frequency (GHz)	Antenna Dimension (mm)	Wavelength λ (m)	Far Field R (m) >=2A^2/λ	Measurement Distance (D)	Distance factor 20log(D) (dB)
9170	18	60	0.0167	0.4320	1.2	1.58
	42	60	0.0071	1.0080	1.2	1.58
TC-RSE60	42	50	0.0071	0.7000	1.2	1.58
	60	50	0.0050	1.0000	1.2	1.58
TC-RSE90	60	31	0.0050	0.3844	1.2	1.58
	90	31	0.0033	0.5766	1.2	1.58
TC-RSE140	90	23	0.0033	0.3174	1.2	1.58
	140	23	0.0021	0.4937	1.2	1.58
TC-RSE220	140	21	0.0021	0.4116	1.2	1.58
	220	21	0.0014	0.6468	1.2	1.58

2.9 Caculations

E.I.R.P. Caculation

The filed strength (dBuV/m) method have converted to E.I.R.P. test results by the section 5.8.4 of KDB 971168 D01.

Example:

E (dBuV/m) = Measurement amplitude level (dBm) + 107+ Cable Loss (dB) + Antenna Factor (dB/m)

E (dBuV/m) = EIRP (dBm) - 20 log D +104.8

EIRP (dBm) = Measurement result (dBm) + 107 + Final Factor (dB/m) + 20 log D-104.8

Example:

= -10 dBm +(10.2db +38.2 dB/m)+ 107+ 20log (1.2m) - 104.8

= -10 dBm +48.4+ 107 +1.58- 104.8

= 42.18dBm

Band		Frequency(MHz)	Cable loss(dB)	Aantenna factor(dB/m)	Distance(m)	*Final Factor(dB)
n260	50M	37025.04	12.96	42.4	1.2	59.14
		38499.96	13.02	42.5	1.2	59.30
		39975	13.4	43.3	1.2	60.48
	100M	37050	12.98	42.4	1.2	59.16
		38499.96	13.02	42.5	1.2	59.30
		39949.92	13.4	43.2	1.2	60.38
n261	50M	27525	11.2	39	1.2	53.98
		27924.96	11.23	39	1.2	54.01
		28324.92	11.3	39.2	1.2	54.28
	100M	27550.08	11.21	39	1.2	53.99
		27924.96	11.23	39	1.2	54.01
		28299.96	11.3	39.2	1.2	54.28
n258-a	50M	24275.04	10.2	38.2	1.2	52.18
		24350.04	10.3	38.2	1.2	52.28
		24424.92	10.32	38.2	1.2	52.30
	100M	24300	10.25	38.2	1.2	52.23
		24350.04	10.3	38.2	1.2	52.28
		24399.96	10.31	38.2	1.2	52.29
	200M	24350.04	10.28	38.2	1.2	52.26
n258-b	50M	24775.08	10.38	38.4	1.2	52.56
		24999.96	10.51	38.6	1.2	52.89
		25224.96	10.55	38.6	1.2	52.93
	100M	24800.04	10.39	38.5	1.2	52.67
		24999.96	10.51	38.6	1.2	52.89
		25200	10.54	38.6	1.2	52.92

	200M	24850.08	10.48	38.6	1.2	52.86
		24999.96	10.53	38.6	1.2	52.91
		25149.96	10.55	38.6	1.2	52.93
n258-b 100M 4CC		24949.98	10.5	38.6	1.2	52.88
n260 100M 4CC		38449.98	13.02	42.5	1.2	59.30

MIMO Power Caculation

According to KDB 662911 D01 and D02, the cross-polarization the two field strengths must be combined as vectors with one oriented at a 90 degree angle with respect to the other. The combined field strength has a magnitude equal to the square root of the sum of the squares of the two field strengths, or, equivalently, the square of the combined field strength is equal to the sum of the squares of the two individual field strengths. Since EIRP and ERP are proportional to the square of the field strength, the combined EIRP or ERP is equal to the sum of the individual EIRPs or ERPs.

Example:

MIMO E.I.R.P = 10 log (linear Value-E.R.I.P H-polarization + linear E.I.R.P V V-polarization)
= 10 log (100 mW+100 mW)
= 23 dBm

2.10 Test Environment

Environment Parameter	101.0 kPa Selected Values During Tests	
Relative Humidity	44-46 % RH Ambient	
Value	**Temperature(℃)**	**Voltage(V)**
NTNV	22-23	54
LTLV	-30	48
LTHV	-30	57
HTLV	50	48
HTHV	50	57

Remark:
NV: Normal Voltage LV: Low Extreme Test Voltage HV: High Extreme Test Voltage
NT: Normal Temperature LT: Low Extreme Test Temperature HT: High Extreme Test Temperature

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2.11 Description of Support Units

Description	Manufacturer
QRCT V4.0	Qualcomm
1. Execute “QRCT V4.0 .exe” on the Notebook PC. 2. Configure the test mode, the test band, antenna beam, channel, RB, modulation and continuous Tx operation with maximum duty cycle. 3. Press “Tx control” to start the continuous Transmit at maximum uplink duty cycle of 100% 4. Verify that the EUT works properly.	

2.12 Test Frequencies

Reference test frequencies for NR operating

Test frequencies for NR operating band n258-a and SCS 120 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
50	Downlink	Low	24275.04	2017083
	&	Mid	24350.04	2018333
	Uplink	High	24424.92	2019581
100	Downlink	Low	24300	2017499
	&	Mid	24350.04	2018333
	Uplink	High	24399.96	2019165
200	Downlink	Mid	24350.04	2018333
	&			
	Uplink			

Test frequencies for NR operating band n258-b and SCS 120 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
50	Downlink	Low	24775.08	2025417
	&	Mid	24999.96	2029165
	Uplink	High	25224.96	2032915
100	Downlink	Low	24800.04	2025833
	&	Mid	24999.96	2029165

	Uplink	High	25200	2032499
200	Downlink	Low	24850.08	2026667
	&	Mid	24999.96	2029165
	Uplink	High	25149.96	2031665

Test frequencies for NR operating band n260 and SCS 120 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
50	Downlink	Low	37025.04	2229583
	&	Mid	38499.96	2254165
	Uplink	High	39975	2278749
100	Downlink	Low	37050	2229999
	&	Mid	38499.96	2254165
	Uplink	High	39949.92	2278331

Test frequencies for NR operating band n261 and SCS 120 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
50	Downlink	Low	27525	2071249
	&	Mid	27924.96	2077915
	Uplink	High	28324.92	2084581
100	Downlink	Low	27550.08	2071667
	&	Mid	27924.96	2077915
	Uplink	High	28299.96	2084165

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3 Description of Tests

3.1 Occupied Bandwidth

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 4.2 & 4.3

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyser, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel, middle channel and high channel).The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. The resolution bandwidth shall be set to as close to 1 percent of the selected span as is possible without being below 1 percent. The video bandwidth shall be set to 3 times the resolution bandwidth. Video averaging is not permitted. Where practical, a sampling detector shall be used since a peak or, peak hold, may produce a wider bandwidth than actual. The trace data points are recovered and are directly summed in linear terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 percent of the total is reached and that frequency recorded. The process is repeated for the highest frequency data points. This frequency is recorded. The span between the two recorded frequencies is the occupied bandwidth.

Procedure:

1. The spectrum analyzer center Frequency is set to the nominal EUT channel center Frequency. And the spectrum analyzer used the 99% OBW function for testing.
2. Set (IF filter 3dB) RBW = 1% to 5% of the OBW and the VBW shall be set ≥ 3 × RBW.
3. Set Detector = Peak
4. Set Trace = Max hold
5. Seep = auto couple
6. Set span >=1.5 x OBW
7. Repeat the step 2 to 6 until it would be within 1% to 5% of the 99% OBW

Remark: Reference test setup

3.2 Effective (Isotropic) Radiated Power of Transmitter

For transportable stations, the average power of the sum of all antenna elements is limited to a maximum EIRP of +55 dBm.

Procedure:

1. Set EUT at maximum output power.
2. Select lowest, middle, and highest channels for each band and different modulation.
3. Enable channel power function of spectrum analyzer
4. Set frequency would like to be investigated.
5. Set Detector = RMS
6. Set Trace mode = trace average
7. Set Sweep time = auto couple
8. Set sweep points ≥ 2 x Span/RBW
9. Set sweep count 100 and wait until the trace to be stabilized
10. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
11. Measure and record the power level from the spectrum analyzer.

Remark: Reference test setup

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3.3 Radiated Spurious Emission

The spectrum is scanned from 30 MHz up to 220GHz.
The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be −13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be −5 dBm/MHz or lower.

Procedure:

1. Set EUT at maximum output power.
2. Select lowest, middle, and highest channels for each band and different modulation.
3. Measure and record the power level from the spectrum analyzer.
4. Set frequency would like to be investigated.
5. Set Detector = RMS, Trace mode = trace average, sweep time = auto couple
6. Set sweep points ≥ 2 x Span/RBW, sweep count 100 and wait until the trace to be stabilized.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. For measurement frequency from 30MHz to 18GHz:
An antenna was substituted in place of the EUT and was driven by a signal generator.
Tune the output power of signal generator to the same emission level with EUT maximum spurious emission. Take record of output power and repeat for another polarization.
9. For measurement frequency above 18GHz:
The test result is calculated according to ANSI C63.26-2015 Section 5.2.7 and 5.7.3 and 5.7.4 EIRP (dBm) = E(dBuV/m) + 20log (D) -104.8.
where D is the measurement distance (in the far field region) in m.
E (dBuV/m) = Spectrum Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + 107
That is, set the spectrum offset including sum of
Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8
If EIRP measurement results exceed the emission limit, then TRP measurement will be used as an alternative method. Test results of TRP measurement are marked as “TRP Measurement”.
10. The conversion loss of RF mixer is also included in conversion loss table of the spectrum analyzer when measurement frequency is above 40GHz.

Remark: Reference test setup

3.4 Frequency Stability / Temperature Variation

Measurement Procedure:
Frequency stability testing is performed in accordance with the guidelines of FCC KDB 971168 D01 V03r01 Section 9
The frequency stability of the transmitter is measured by:
a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.
Specification – The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

Time Period and Procedure:
1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Remark: Reference test setup

4.1 Test Setups

For radiated emissions from 30MHz to 220GHz Test Setup 1

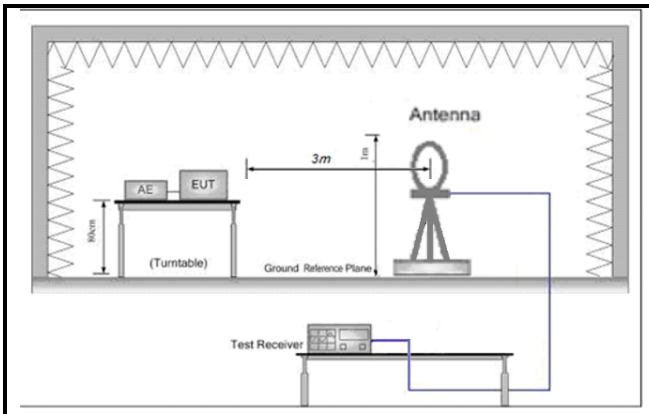

Figure 1. Below 30MHz(3m)

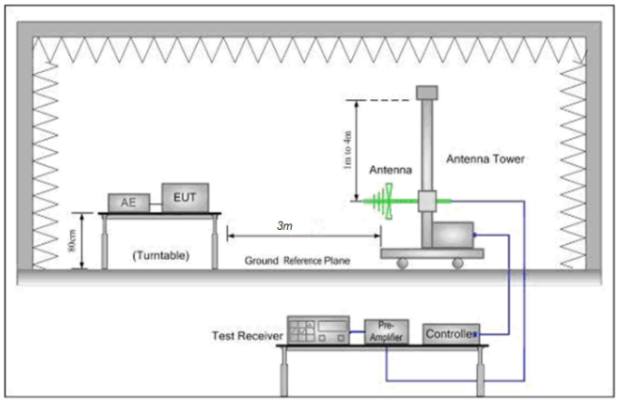

Figure 2. 30MHz to 1GHz(3m)

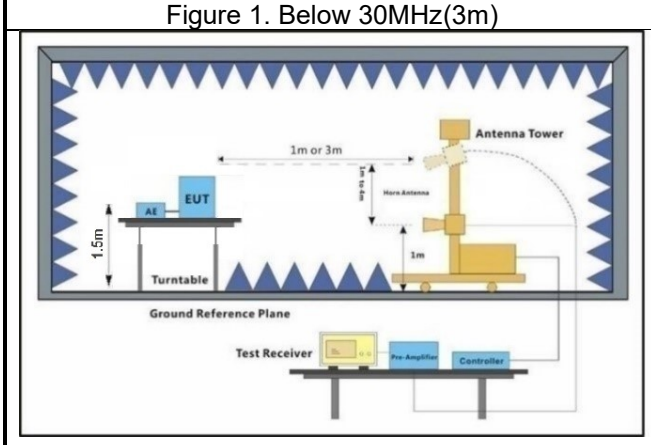

Figure 3. 1~18GHz (3m)

18~42GHz(1.2m)

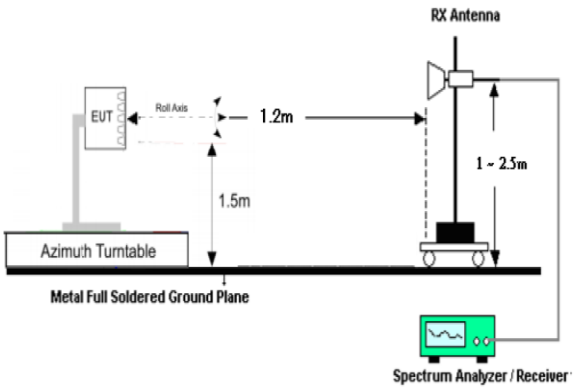

Figure 4. 42~220GHz(1.2m)

5 Main Test Instruments

9*6*6 Test Equipment					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/2/2026
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/18/2024	2/17/2025
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	5/8/2024	5/7/2025
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-07	11/21/2023	11/20/2024
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2/1/2024	1/31/2025
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9163	SUWI-01-11-01	5/13/2023	5/12/2025
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/13/2023	5/12/2025
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/12/2023	5/11/2025
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2/1/2024	1/31/2025
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2/1/2024	1/31/2025
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2/1/2024	1/31/2025
Measurement Software	Tonscend	JS32-RE V4.0.0.0	SUWI-02-09-04	NCR	NCR
Receive Unit	ROHDE&SCHWARZ	TC-RSE60	SUWI-03-16-02	NCR	NCR
Receive Unit	ROHDE&SCHWARZ	TC-RSE90	SUWI-03-16-03	NCR	NCR
Receive Unit	ROHDE&SCHWARZ	TC-RSE140	SUWI-03-19-01	NCR	NCR
Receive Unit	ROHDE&SCHWARZ	TC-RSE200	SUWI-03-19-04	NCR	NCR
Measurement Software	ROHDE&SCHWARZ	ELEKTRA V4.20.1	SUWI-02-09-07	NCR	NCR

6 Measurement Uncertainty

For a 95% confidence level (k = 2), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.54dB
2	RF power density, conducted	±1.03dB
3	Spurious emissions, conducted	±0.54dB
4	Radio Frequency	±1.0%
5	Duty Cycle	±0.37%
6	Occupied Bandwidth	±1.0%
7	Radiated Emission	± 3.13dB (9kHz - 30MHz)
		± 4.8dB (30MHz - 1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.8dB (Above 18GHz)

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7 Appendixes

Appendix A.4	Setup Photos
Appendix A.5	Antenna with mixer
Appendix B.31	NR Band n258-a
Appendix B.32	NR Band n258-b
Appendix B.33	NR Band n260
Appendix B.34	NR Band n261

---End of Report---

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