

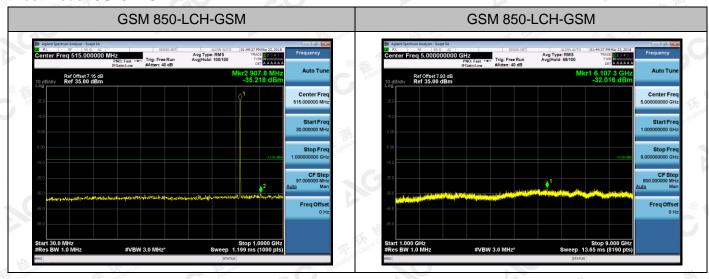
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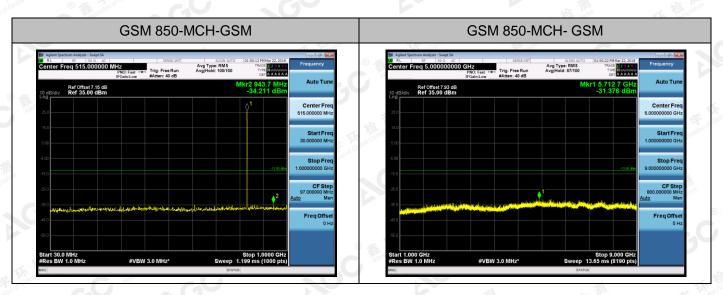
9.1.3MEASUREMENT RESULT

Test Results

Test Band=GSM850/GSM1900

Test Mode=GSM/EDGE

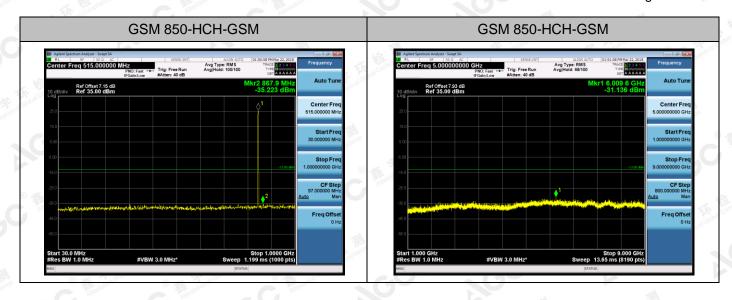


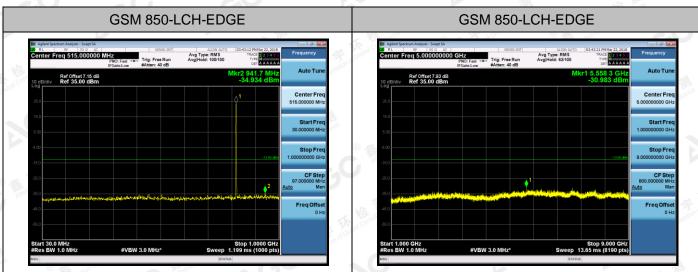


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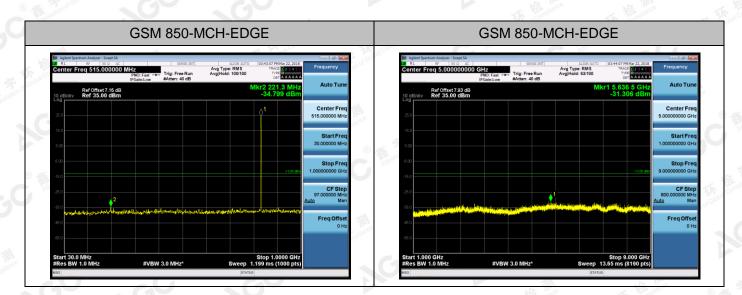


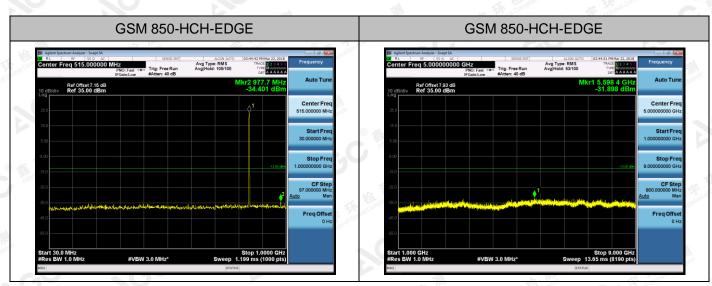


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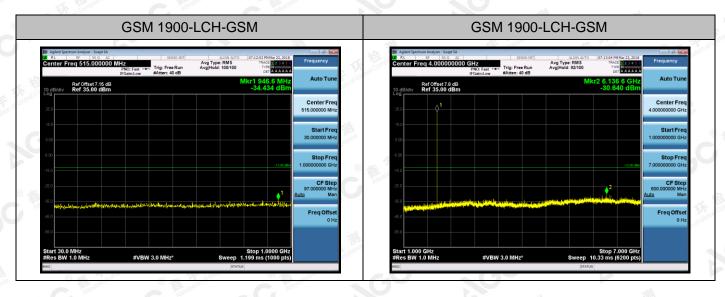


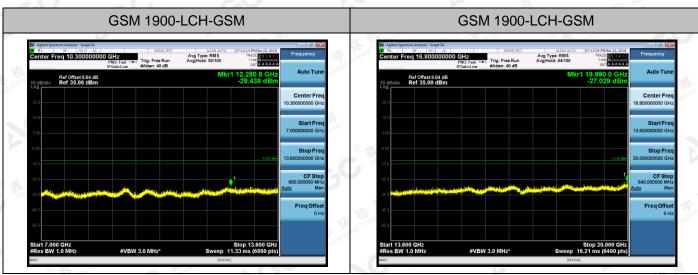


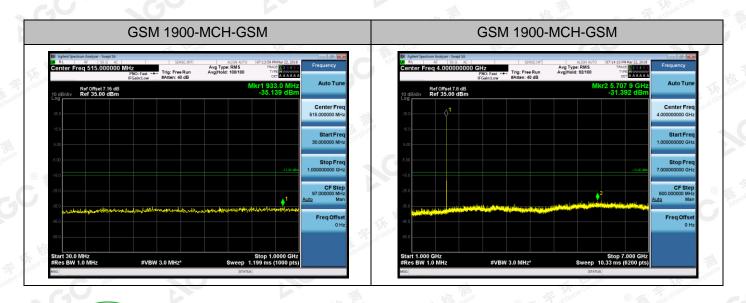
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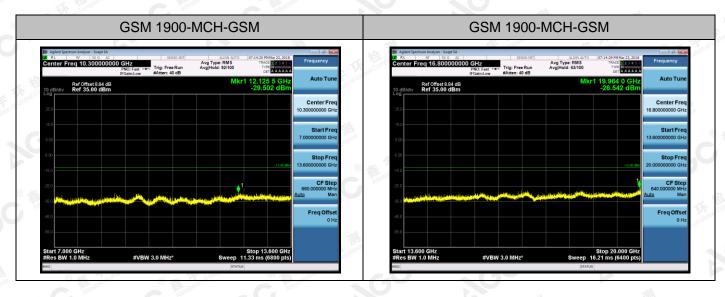


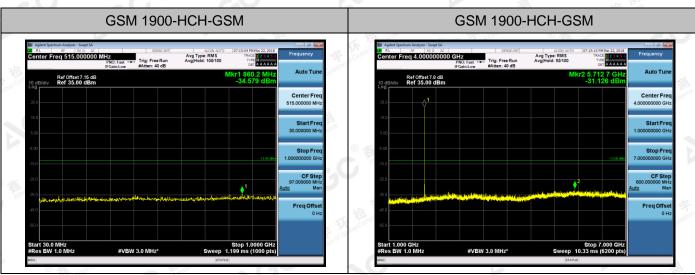


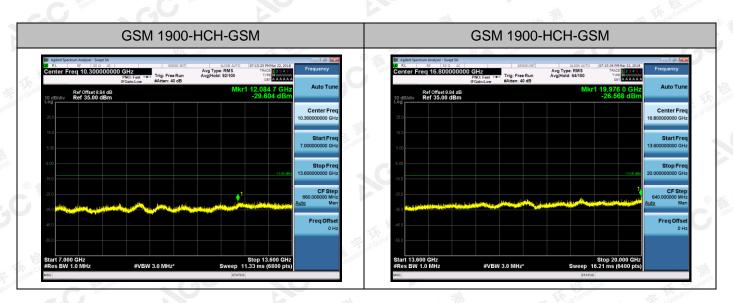
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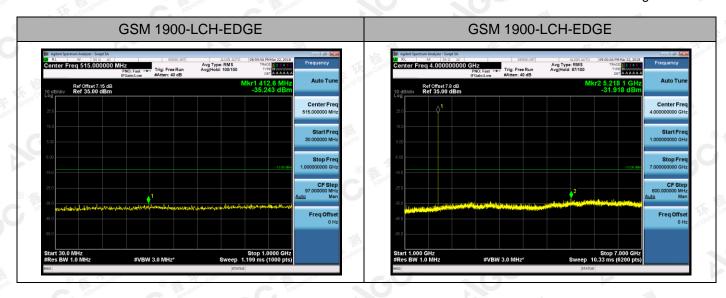


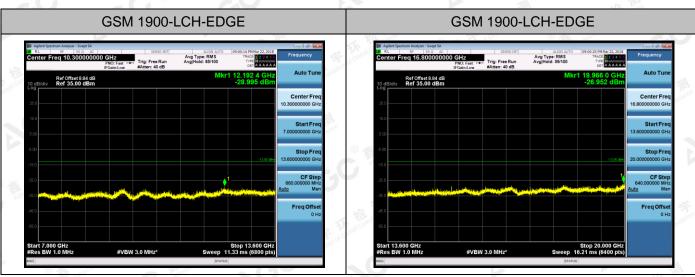


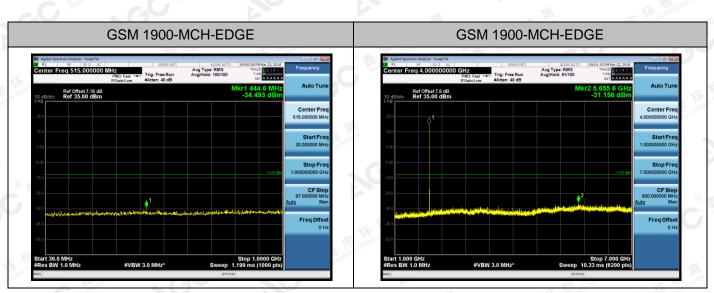
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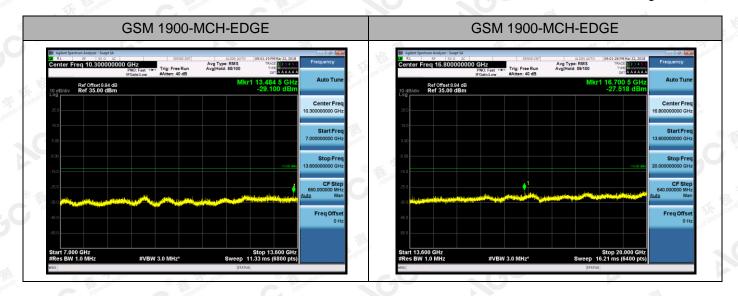


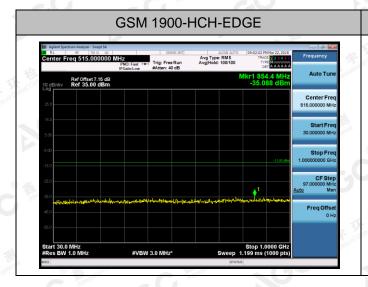


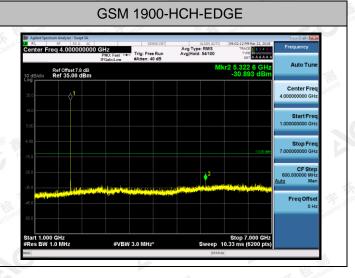
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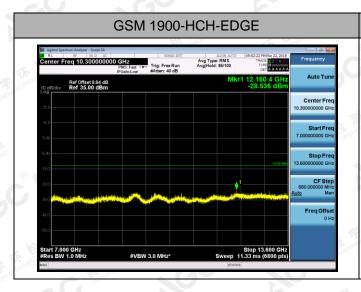


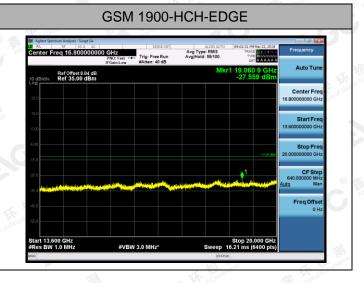
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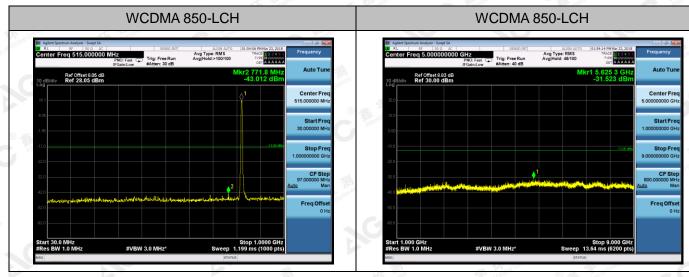
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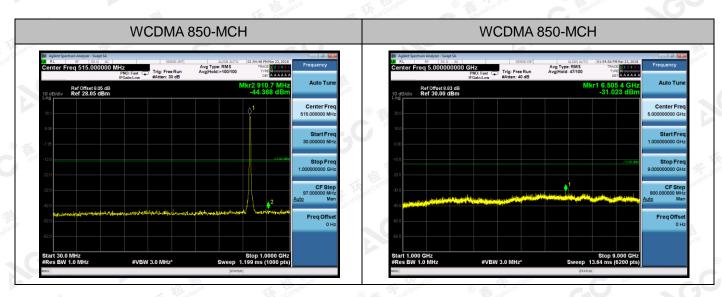


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Test Band=WCDMA850/WCDMA1900

Test Mode=UMTS

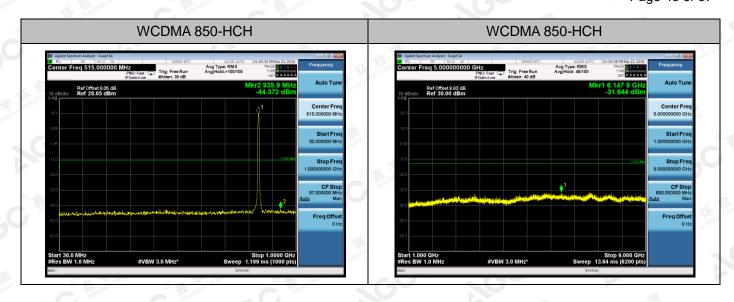


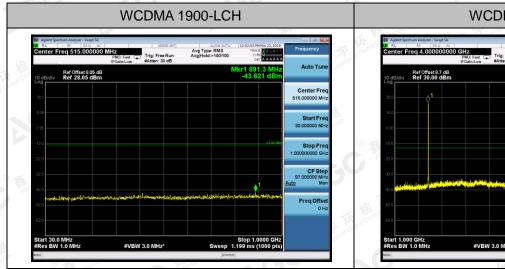


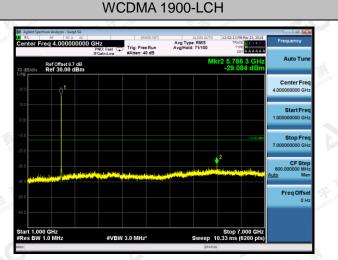
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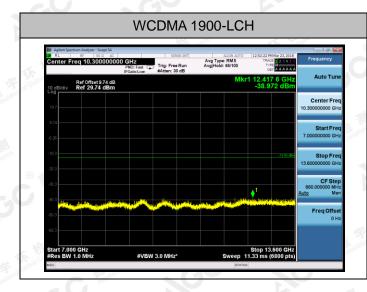


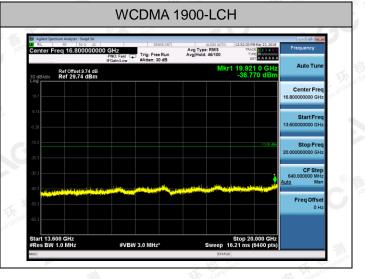
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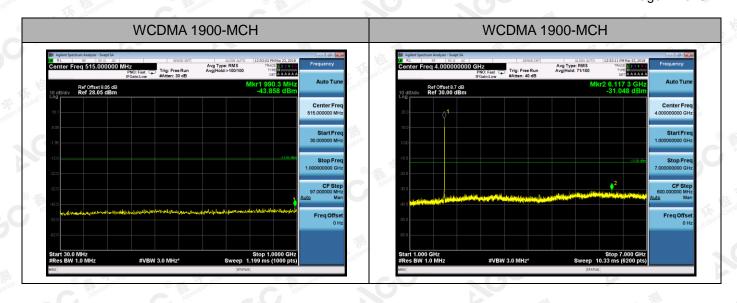


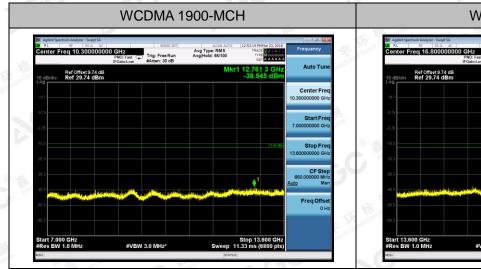


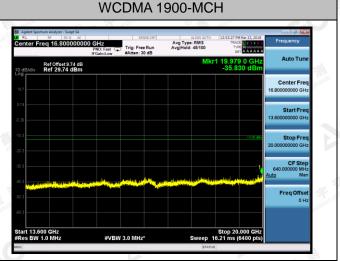
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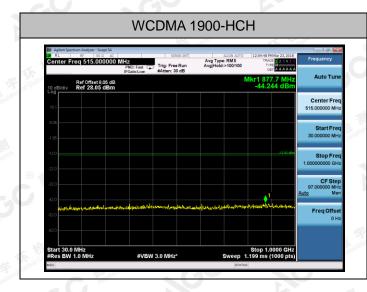


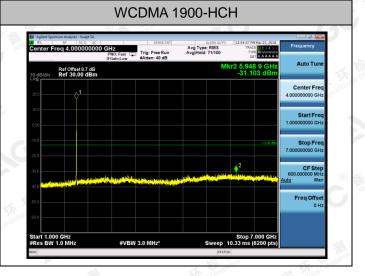
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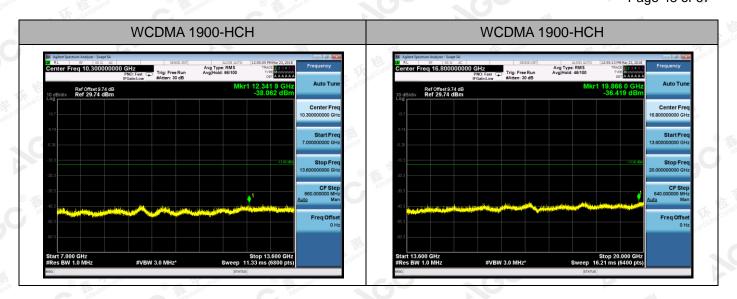




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Note: 1. Below 30MHZ no Spurious found and Above is the worst mode data.

2. As no emission found in standby or receive mode, no recording in this report.



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9.2 RADIATED SPURIOUS EMISSION

9.2.1MEASUREMENT METHOD

- The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, 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 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

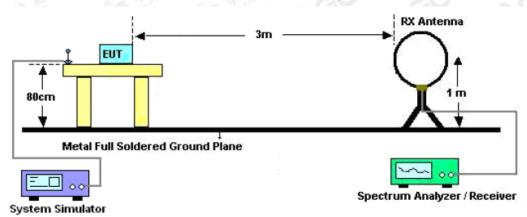
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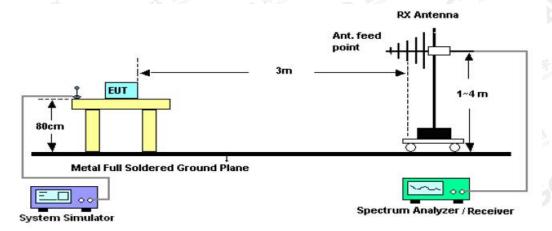
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9.2.2 TEST SETUP

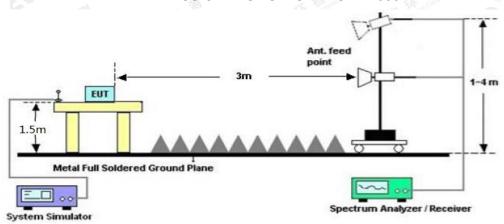
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



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9.2.3 PROVISIONS APPLICABLE

(a) On any frequency outside a licensee's frequency block (e.g. A, D, B, etc.) within the USPCS spectrum, the power of any emission shall be attenuated below the transmitter power (P, in Watts) by at least 43+10Log(P) dB. The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

Note: only result the worst condition of each test mode:

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9.2.4 MEASUREMENT RESULT

GSM 850:

The Worst Test Results for Channel 251/848.8 MHz(1GHz-9GHz)									
Frequency	Emission Level	Limits	Margin	Communit					
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	Comment					
1697.66	-49.52	-13	-36.52	Horizontal					
2395.27	-36.39	-13	-23.39	Horizontal					
3790.46	-37.12	-13	-24.12	Horizontal					
1697.63	-48.63	-13	-35.63	Vertical					
2395.18	-35.13	-13	-22.13	Vertical					
3790.42	-36.92	-13	-23.92	Vertical					

GSM 850(EDGE 8):

,	JZ, C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(c) Etc. 1001	23 1311					
The Worst Test Results for Channel 251/848.8 MHz(1GHz-9GHz)									
Frequency	Emission Level	Limits	Margin	Commont					
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	Comment					
1697.58	-52.36	-13 <u></u>	-39.36	Horizontal					
2395.69	-38.13	-13	-25.13	Horizontal					
3790.42	-34.03	-13	-21.03	Horizontal					
1697.36	-49.51	-13	-36.51	Vertical					
2395.49	-35.96	-13	-22.96	Vertical					
3790.28	-35.07	-13	-22.07	Vertical					

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PCS 1900:

The Worst Test Results for Channel 810/1909.8MHz(1GHz-20GHz)								
Frequency	Emission Level	Limits	Margin	Comment				
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	Comment				
1847.65	-49.33	-13	-36.33	Horizontal				
3819.68	-38.85	-13	-25.85	Horizontal				
7639.47	-36.03	-13	-23.03	Horizontal				
1887.51	-49.03	-13	-36.03	Vertical				
3819.63	-37.76	-13	-24.76	Vertical				
7639.51	-35.39	-13	-22.39	Vertical				

PCS 1900(EDGE 8):

'								
The Worst Test Results for Channel 810/1909.8MHz(1GHz-20GHz)								
Frequency	Emission Level	Limits	Margin	Commont				
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	- Comment				
1847.97	-50.03	-13	-37.03	Horizontal				
3819.46	-41.04	-13	-28.04	Horizontal				
7639.96	-36.61	-13	-23.61	Horizontal				
1887.15	-50.22	-13	-37.22	Vertical				
3819.34	-37.96	-13	-24.96	Vertical				
7639.49	-36.96	-13	-23.96	Vertical				

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HSPA band II:

	The Worst Test Results	for Channel 9538/19	07.6MHz(1GHz-20GH	Hz)
Frequency	Emission Level	Limits	Margin	Commont
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	Comment
1879.54	-48.56	% -13	-35.56	Horizontal
3814.86	-49.32	-13	-36.32	Horizontal
7629.65	-37.77	-13	-24.77	Horizontal
1881.47	-49.52	-13	-36.52	Vertical
3814.87	-38.33	-13	-25.33	Vertical
7629.69	-35.44	-13	-22.44	Vertical

HSPA band V:

	The Worst Test Results for Channel 4233/846.6MHz(1GHz-9GHz)									
Frequency	Emission Level	Limits	Margin	Commont						
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	Comment						
1692.84	-50.21	-13	-37.21	Horizontal						
2385.67	-48.52	13 A	-35.52	Horizontal						
3771.22	-36.12	-13	-23.12	Horizontal						
1692.79	-49.12	-13	-36.12	Vertical						
2385.57	-37.96	-13	-24.96	Vertical						
3771.58	-34.14	-13	-21.14	Vertical						

RESULT: PASS

Note:

1. Margin = Emission Leve -Limit

2. Below 30MHZ no Spurious found and Above is the worst mode data.

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10. FREQUENCY STABILITY

10.1 MEASUREMENT METHOD

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of R&S CMU200 DIGITAL RADIO COMMUNICATION TESTER.

- Measure the carrier frequency at room temperature.
- 2 Subject the EUT to overnight soak at -10℃.
- With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on the centre channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
- 4 Repeat the above measurements at 10°C increments from -10°C to +55°C. Allow at least 1 1/2 hours at each temperature, unpowered, before making measurements.
- 5 Re-measure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments re-measuring carrier frequency at each voltage. Pause at nominal voltage for 1 1/2 hours unpowered, to allow any self-heating to stabilize, before continuing.
- 6 Subject the EUT to overnight soak at +55℃.
- 7 With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on the centre channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
- 8 Repeat the above measurements at 10° C increments from +55 $^{\circ}$ C to -10 $^{\circ}$ C. Allow at least 1 1/2 hours at each temperature, unpowered, before making measurements.
- 9 At all temperature levels hold the temperature to +/- 0.5°C during the measurement procedure.

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10.2 PROVISIONS APPLICABLE

10.2.1 FOR HAND CARRIED BATTERY POWERED EQUIPMENT

According to the ANSI/TIA-603-E-2016, the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of between 3.4VDC and 4.2VDC, with a nominal voltage of 3.7VDC. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress. These voltages represent a tolerance of -10 % and +12.5 %. For the purposes of measuring frequency stability these voltage limits are to be used.

10.2.2 FOR EQUIPMENT POWERED BY PRIMARY SUPPLY VOLTAGE

According to the ANSI/TIA-603-E-2016, the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. For this EUT section 2.1055(d)(1) applies. This requires varying primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment, the normal environment temperature is 20°C.

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10.3 MEASUREMENT RESULT

Test Results

Frequency Error vs. Voltage:

ricquericy	L1101 10.	y onago.						
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict
O	ini.	-mil	TN	VL	-13.11	-0.02	±2.5	PASS
、 下 梅	pliance	LCH	TN	VN	-12.01	-0.01	±2.5	PASS
3 Allestation of Glob	® ##	of Global	TN	VH	-11.43	-0.01	±2.5	PASS
, C	G ***		TN	VL	-11.43	-0.01	±2.5	PASS
GSM850	GSM	MCH	TN	VN	-10.14	-0.01	±2.5	PASS
® ##	Fin of Global Comp.	第 等 of Gives	TN ®	VH	-8.91	-0.01	±2.5	PASS
EC MAN	datio	Allestano	TN	VL	-7.17	-0.01	±2.5	PASS
		нсн	TN	VN	-9.17	-0.01	±2.5	PASS
			TN	VH	-10.01	-0.01	±2.5	PASS

10"	6/6/ A\OY		180					-11111
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict
45	MIN.	T KE poliones	TN	VL	-2.94	0.00	±2.5	PASS
The Come	® 4	LCH	TN	VN	-1.29	0.00	±2.5	PASS
Attestation	-C		TN	VH	-1.23	0.00	±2.5	PASS
			TN	VL 3	-2.94	0.00	±2.5	PASS
GSM850	EDGE	MCH	TN	VN	-4.04	0.00	±2.5	PASS
© ##	lion of Globa	® Attestation of	TN	VH	-3.26	0.00	±2.5	PASS
GO "	SC		TN	VL	-0.16	0.00	±2.5	PASS
		HCH	TN	VN	-1.10	0.00	±2.5	PASS
下校 测	® # \$	of Global Compile	TN	VH	-1.90	0.00	±2.5	PASS

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7/1 //			120				dia.	
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	(ppm)	
THE THE	10 TH	8	TN	_® VL	-18.14	-0.01	±2.5	PASS
o Glopal Count	F of Global Compile	LCH	TN	VN	-19.18	-0.01	±2.5	PASS
4.C 34 Alloste	901,		TN	VH 🦠	-16.53	-0.01	±2.5	PASS
DOC	illi:	Till	TŃ	VL	-23.12	-0.01	±2.5	PASS
PCS 1900	GSM	MCH	TN	VN	-25.83	-0.01	±2.5	PASS
1900	® ## station	of Globe	TN	VH	-25.12	-0.01	±2.5	PASS
\ \G	0		TN	VL	-21.31	-0.01	±2.5	PASS
	在 相	HCH	TN	VN	-20.79	-0.01	±2.5	PASS
® 45g	Figorof Global Colin	© Francisco	TN ®	VH	-22.66	-0.01	±2.5	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	(ppm)	
Compliance	I The Man Comp	ance	TN	VL	-16.53	-0.01	±2.5	PASS
(S) (S)	estation of	LCH	TN	VV	-12.91	-0.01	±2.5	PASS
CO			TN	VH	-15.88	-0.01	±2.5	PASS
DCC	<u>M</u>	TK KE FILLI	TN	VL	-22.08	-0.01	±2.5	PASS
PCS 1900	EDGE	MCH	TN PHI	VN	-22.73	-0.01	±2.5	PASS
1900	C AND		TN	VH	-22.54	-0.01	±2.5	PASS
	litte:		TN	VL	-17.34	-0.01	±2.5	PASS
	The Compliance	HCH	TN	VN	-17.92	-0.01	±2.5	PASS
an B	ion of Globs	Altestation of	TN	VH	-18.63	-0.01	±2.5	PASS

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Frequency Error vs. Temperature:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/!: - t
Band	Mode	Channel	Volt.	Volt. (V)	(Hz)	(ppm)	(ppm)	Verdict
To Global Conn	F of Global Compil	CO	VN	-10	-9.75	-0.01	±2.5	PASS
	ion		VN	0	-12.98	-0.02	±2.5	PASS
	:700	-7311	VN	10	-12.46	-0.02	±2.5	PASS
GSM850	GSM	LCH	VN	20	-9.56	-0.01	±2.5	PASS
3 Allestation of Glos	© A H	of Globa.	VN	30	-11.88	-0.01	±2.5	PASS
\ C	0 "		VN	40	-12.46	-0.02	±2.5	PASS
	1000	à.	VN	50	-14.53	-0.02	±2.5	PASS
® 45kg	Ton of Global Con	(R) Francisco	VN ®	-10	-8.07	-0.01	±2.5	PASS
		Allestation	VN	0	-8.46	-0.01	±2.5	PASS
			VN	10	-9.30	-0.01	±2.5	PASS
GSM850	GSM	MCH	VN	20	-12.27	-0.01	±2.5	PASS
Ompliance 1999	不好的	larice ®	VN	30	-10.78	-0.01	±2.5	PASS
(S) The state of t	estation of G	(G)	VN	40	-11.88	-0.01	±2.5	PASS
GU			VN	50	-10.14	-0.01	±2.5	PASS
451	and the second	The publishers	VN	-10	-6.20	-0.01	±2.5	PASS
The state of Global Comme	® %	illion of Global Co.	VN	0	-6.13	-0.01	±2.5	PASS
Attestation	-C ATTO		VN	10	-5.88	-0.01	±2.5	PASS
GSM850	GSM	HCH	VN	20	-8.59	-0.01	±2.5	PASS
	The Compilar	4	VN	30	-6.33	-0.01	±2.5	PASS
and S Antest	ion of Globa	(S) Attestation of	VN	40	-6.07	-0.01	±2.5	PASS
CO.	SC		VN	50	-6.72	-0.01	±2.5	PASS

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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Volt.	Volt. (V)	(Hz)	(ppm)	(ppm)	verdict
THE JUNEOR	100	©	VN	-10	-5.59	-0.01	±2.5	PASS
Blopal Count	To of Global Compile	CO	VN	O Autos	-1.94	0.00	±2.5	PASS
	70.		VN	10	-8.30	-0.01	±2.5	PASS
GSM850	EDGE	LCH	VN	20	-8.49	-0.01	±2.5	PASS
T To alcon	Hishos	K Compliance	VN	30	-3.16	0.00	±2.5	PASS
B Allestation of Glo	® Willestation	of Globa	VN	40	-3.94	0.00	±2.5	PASS
\ C	0		VN	50	-4.13	-0.01	±2.5	PASS
	在 X型 河	.00	VN	-10	-8.17	-0.01	±2.5	PASS
® %	Figure of Global Const	® # Food Globs	VN	0	-5.10	-0.01	±2.5	PASS
CC M		Allestano	VN	10	-1.16	0.00	±2.5	PASS
GSM850	EDGE	MCH	VN	20	-7.85	-0.01	±2.5	PASS
-Till		ijil)	VN	30	-8.14	-0.01	±2.5	PASS
Compliance	The Kill	lands ®	VN	40	-3.84	0.00	±2.5	PASS
(S) (S)	estation of	(C)	VN	50	-0.61	0.00	±2.5	PASS
			VN	-10	2.65	0.00	±2.5	PASS
杨	ince	The Hill spinore	VN	0	-6.84	-0.01	±2.5	PASS
The Comp	® 5	illon of Global Co	VN	10	3.36	0.00	±2.5	PASS
GSM850	EDGE	HCH	VN	20	-1.87	0.00	±2.5	PASS
	-771		VN	30	-1.94	0.00	±2.5	PASS
	The Kinglian	43	VN	40	-0.68	0.00	±2.5	PASS
® Allesti	ion of Glu	Attestation Of	VN	50	-6.39	-0.01	±2.5	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Volt. (V)	Freq.Error (Hz)	Freq.vs.rated (ppm)	Limit (ppm)	Verdict
HE JOHN	15	(C)	VN	-10	-17.56	-0.01	±2.5	PASS
	F of Global Compiler	CO	VN	O Attesti	-18.14	-0.01	±2.5	PASS
-	is John		VN	10	-18.98	-0.01	±2.5	PASS
PCS	GSM	LCH	VN	20	-19.31	-0.01	±2.5	PASS
1900	Tollance	The Compliance	VN	30	-17.76	-0.01	±2.5	PASS
	® ##	or of Global	VN	40	-19.63	-0.01	±2.5	PASS
	C "		VN	50	-17.50	-0.01	±2.5	PASS
	梅	MCH	VN	-10	-23.44	-0.01	±2.5	PASS
			VN ®	0	-22.54	-0.01	±2.5	PASS
DOO			VN	10	-22.86	-0.01	±2.5	PASS
PCS 1900	GSM		VN	20	-24.60	-0.01	±2.5	PASS
1900			VN	30	-23.70	-0.01	±2.5	PASS
	The King		VN	40	-21.50	-0.01	±2.5	PASS
	estation of C	100	VN	50	-20.40	-0.01	±2.5	PASS
100		SM HCH	VN	-10	-23.44	-0.01	±2.5	PASS
	: Mos		VN	3 000000000000000000000000000000000000	-21.44	-0.01	±2.5	PASS
The DOO	® \$		VN	10	-23.44	-0.01	±2.5	PASS
PCS	GSM		VN	20	-18.98	-0.01	±2.5	PASS
1900	:11		VN	30	-20.79	-0.01	±2.5	PASS
	FV AST Complian		VN	40	-20.08	-0.01	±2.5	PASS
® ##	don of Glov	(B) Attestation of Attestation of	VN	50	-20.21	-0.01	±2.5	PASS

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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Volt.	Volt. (V)	(Hz)	(ppm)	(ppm)	
E KEL TOWNER	校子 河	8	VN	-10	-20.82	-0.01	±2.5	PASS
Slopal Co.r.		CO	VN	0	-5.52	0.00	±2.5	PASS
PCS	90.		VN	10	-12.62	-0.01	±2.5	PASS
	EDGE	LCH	VN	20	-23.76	-0.01	±2.5	PASS
1900	pliance	K Compliance	VN	30	-11.33	-0.01	±2.5	PASS
3 Attestation of Glob	© Martinor	of Globa.	VN	40	-20.50	-0.01	±2.5	PASS
\ C	O "		VN	50	-4.26	0.00	±2.5	PASS
	EDGE		VN	-10	-23.21	-0.01	±2.5	PASS
® 1940.		MCH	VN ®	0	-26.09	-0.01	±2.5	PASS
700			VN	10	-26.25	-0.01	±2.5	PASS
PCS			VN	20	-24.02	-0.01	±2.5	PASS
1900			VN	30	-14.43	-0.01	±2.5	PASS
Compliance	The King		VN	40	-15.92	-0.01	±2.5	PASS
(S)			VN	50	-35.68	-0.02	±2.5	PASS
700			VN	-10	-31.25	-0.02	±2.5	PASS
1/2	M)	E HCH	VN	4 0	-24.05	-0.01	±2.5	PASS
J. 500	EDGE		VN	10	-21.86	-0.01	±2.5	PASS
PCS			VN	20	-22.18	-0.01	±2.5	PASS
1900	lin:		VN	30	-7.30	0.00	±2.5	PASS
	The Karphan	4.5	VN	40	-10.56	-0.01	±2.5	PASS
© ##	ion of Globs	Attestation of	VN	50	-30.28	-0.02	±2.5	PASS

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Frequency Error vs. Voltage:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	Verdict
The Gobal Comm	Clopal Combin	CO	TN	VL	-4.65	-0.01	±2.5	PASS
Alle station		LCH	TN	VN	-1.28	0.00	±2.5	PASS
		litte	TN	VH	-0.55	0.00	±2.5	PASS
The Kill Compilar	ু মূ	Compliance	TN	VL	-1.19	0.00	±2.5	PASS
WCDMA850	UMTS	MCH	TN	VN	-0.95	0.00	±2.5	PASS
y <0°C			TN	VH	1.22	0.00	±2.5	PASS
	T KE SHOTO	福	TN	VL	0.64	0.00	±2.5	PASS
® \$ 100°	ot Glopal Coll.,	HCH	TN	VN	1.01	0.00	±2.5	PASS
CC Mileston	a.C	Attestation	TN	VH	2.40	0.00	±2.5	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict
Milestano		CO	TN	VL	24.92	0.01	±2.5	PASS
CO		LCH	TN	VN	24.17	0.01	±2.5	PASS
AND SOURCE		K KEL TIME	TN	VH	37.95	0.02	±2.5	PASS
The Global Compliant	® # Janon	Global	TN	VL	22.75	0.01	±2.5	PASS
WCDMA1900	UMTS	MCH	TN	VN	16.66	0.01	±2.5	PASS
	litte		TN	VH	25.88	0.01	±2.5	PASS
1	Compliance	亚	TN	VL	26.11	0.01	±2.5	PASS
© Filestation of	3500	HCH	TN	VN	25.65	0.01	±2.5	PASS
CO	C		TN	VH	27.10	0.01	±2.5	PASS

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Frequency Error vs. Temperature:

105						201 'Com.,	The same	
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Volt.	Volt.(V)	(Hz)	(ppm)	(ppm)	701010
Global Contr	Clopal Combine	CO I	VN	-10	2.08	0.00	±2.5	PASS
Artestation			VN	0	-0.55	0.00	±2.5	PASS
		-1110	VN	10	-1.42	0.00	±2.5	PASS
WCDMA850	UMTS	LCH	VN	20	-3.54	0.00	±2.5	PASS
3) Alesation of Glov	® ## in station of G	obal	VN	30	-3.22	0.00	±2.5	PASS
\GC	1		VN	40	-0.34	0.00	±2.5	PASS
	超調	3 ₁ [2]	VN	50	-1.92	0.00	±2.5	PASS
8 A 4	UMTS	S MCH	VN	-10	2.38	0.00	±2.5	PASS
CC Milestan			VN	0	0.23	0.00	±2.5	PASS
			VN	10	-2.20	0.00	±2.5	PASS
WCDMA850			VN	20	-1.79	0.00	±2.5	PASS
Kannilanes			VN	30	-1.56	0.00	±2.5	PASS
oboat 8 Attestal			VN	40	-8.85	-0.01	±2.5	PASS
GO			VN	50	0.47	0.00	±2.5	PASS
THE STATE OF THE S	UMTS	ITS HCH	VN	-10	-3.14	0.00	±2.5	PASS
The Coopel Compliant			VN	0	1.86	0.00	±2.5	PASS
Attestation			VN	10	4.93	0.01	±2.5	PASS
WCDMA850			VN	20	-3.57	0.00	±2.5	PASS
			VN	30	0.09	0.00	±2.5	PASS
® ## station of	Glops,		VN	40	-0.85	0.00	±2.5	PASS
GO	10°		VN	50	1.77	0.00	±2.5	PASS

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FK a Compile		Attesto	Alle	Statio			44	
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Volt.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict
- KE THE	AST THE	® 4	VN	-10	28.44	0.02	±2.5	PASS
Manager Comm	Spal Compile	C10 1	VN	0	28.49	0.02	±2.5	PASS
Alles allow			VN	10	30.70	0.02	±2.5	PASS
WCDMA1900	UMTS	LCH	VN	20	32.73	0.02	±2.5	PASS
The Manual Compliance	不	Compliance	VN	30	26.58	0.01	±2.5	PASS
3) Allestation of Gibb	Markestation of Glo		VN	40	18.84	0.01	±2.5	PASS
, GC			VN	50	22.89	0.01	±2.5	PASS
	KE Tuliance	一板	VN	-10	24.54	0.01	±2.5	PASS
© A silon of	Slopsy Court	For of Global Con	VN	0	24.64	0.01	±2.5	PASS
CO M	a.C	Attestano	VN	10	25.36	0.01	±2.5	PASS
WCDMA1900	UMTS	ITS MCH	VN	20	30.15	0.02	±2.5	PASS
-111	1111		VN	30	24.69	0.01	±2.5	PASS
A Compliance	The Kill Compliance	® Alles	VN	40	29.50	0.02	±2.5	PASS
Soba (8) Allestation	3.0	GU	VN	50	33.04	0.02	±2.5	PASS
			VN	-10	28.75	0.02	±2.5	PASS
拉加	4	K Kill Fills	VN	0	23.07	0.01	±2.5	PASS
The of Global Company	® # Jallon of	Global Co	VN	10	25.92	0.01	±2.5	PASS
WCDMA1900	UMTS	HCH	VN	20	28.66	0.02	±2.5	PASS
	-7011		VN	30	27.77	0.01	±2.5	PASS
- F	that Compliance	T II	VN	40	32.82	0.02	±2.5	PASS
		Attestation of	VN	50	27.45	0.01	±2.5	PASS

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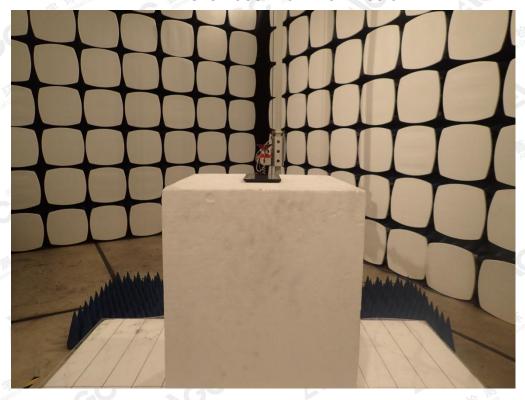
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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED SPURIOUS EMISSION



RADIATED SPURIOUS ABOVE 1G EMISSION



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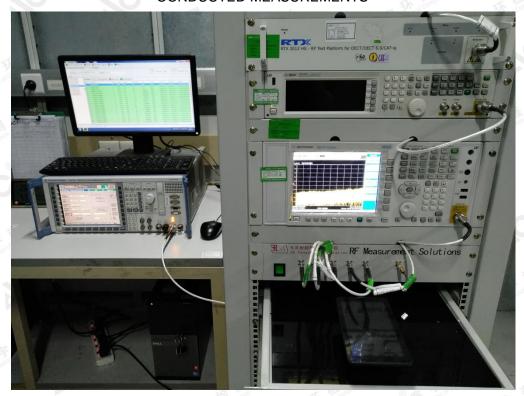
Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



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CONDUCTED MEASUREMENTS



-END OF REPORT---

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VGC 8 Attestation of Global Compliance

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