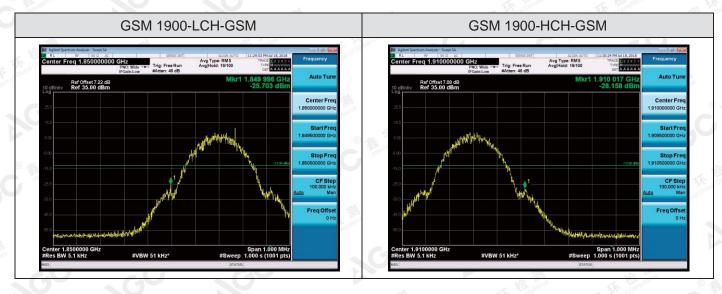
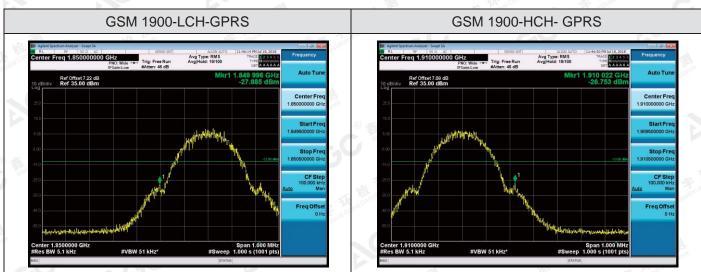


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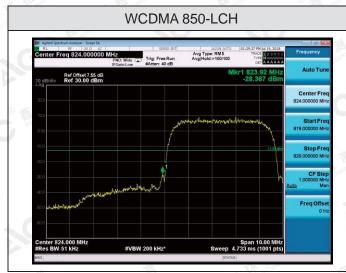


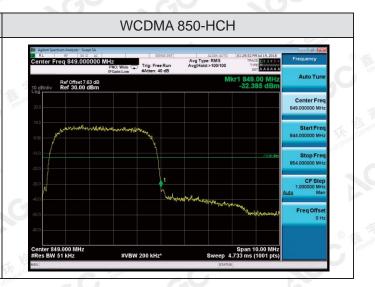
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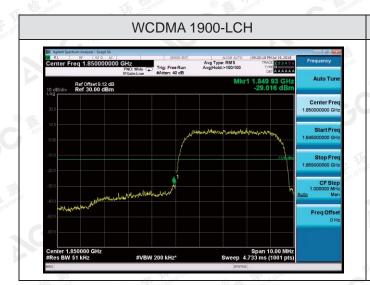
For WCDMA

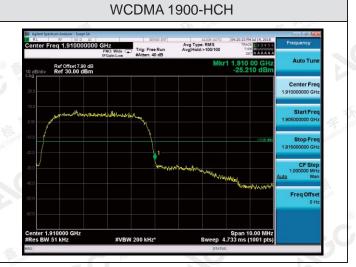
Test Band=WCDMA850/WCDMA1900

Test Mode=UMTS









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9. SPURIOUS EMISSION

9.1 CONDUCTED SPURIOUS EMISSION

9.1.1MEASUREMENT METHOD

The following steps outline the procedure used to measure the conducted emissions from the EUT.

- 1. The level of the carrier and the various conducted spurious and harmonic frequency is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the approximate frequencies. All data rates were investigated to determine the worst case configuration.
- 2. Determine frequency range for measurements: From CFR 2.1057 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the equipment of PCS1900 band, this equates to a frequency range of 30 MHz to 19.1 GHz, data taken from 30 MHz to 20 GHz. For GSM850, data taken from 30 MHz to 9 GHz.
- 3. Determine EUT transmit frequencies: the following typical channelswere chosen to conducted emissions testing.

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	T	ypical Channels	for testing of G	SM 850	
	Channel			Frequency (MH	lz)
(S)	128	CO MINISTRA		824.2	10 m
CC THE	190	253		836.6	Charles Company
	251	F Global Com	其 Good Complian	848.8	-G

		Typical Channels	for testing of P	CS 1900	
	Channel			Frequency (MHz)
	512	工柜 测 环境	apliance © St. Hallon	1850.2	100 ·
® ## Hallon of	661	Global Co.	~ GO "	1880.0	
GO "	810	-GO		1909.8	The similar

	Typical Channels for testing of UMTS band II										
	Channel			Frequency (MH:	z)						
-6	9262			1852.4	indiance The Tomphere						
	9400	大 拉	· 下意	1880	(e) Allestation of						
T. Kill Johans	9538	(S) The station of Global	® Allestation of Gib	1907.6	G B						

Typical Channels fo	r testing of UMTS band V
Channel	Frequency (MHz)
4132	826.4
4182	836.4
4233	846.6

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9.1.2 PROVISIONS APPLICABLE

On any frequency outside frequency band of 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. For all power levels +30 dBm to 0 dBm, this becomes a constant specification limit of -13 dBm.

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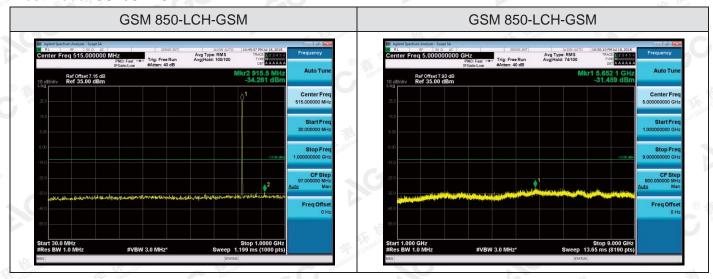
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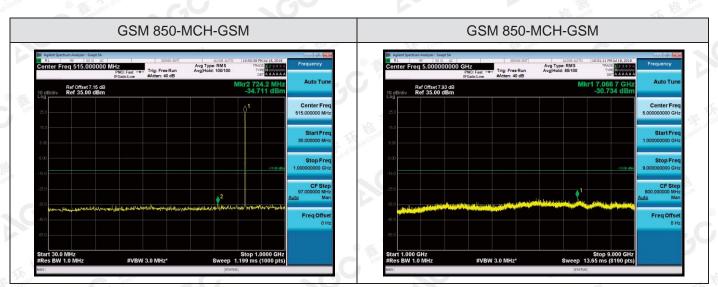
9.1.3MEASUREMENT RESULT

Test Results

Test Band=GSM850/GSM1900

Test Mode=GSM/GPRS

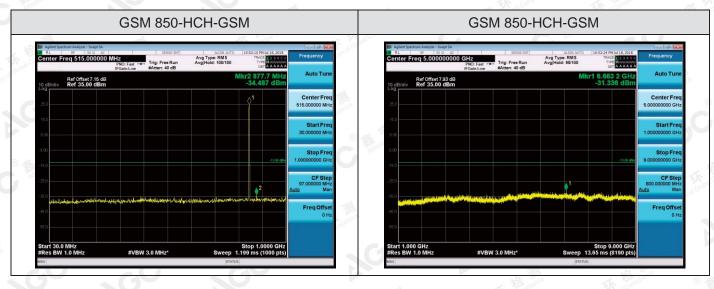


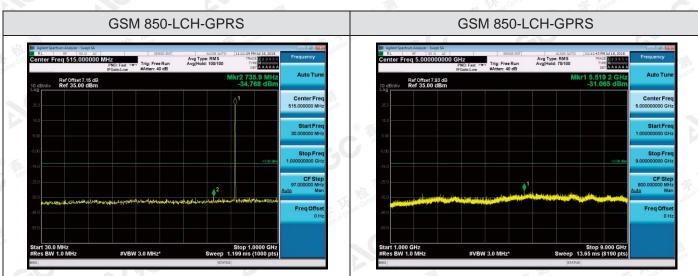


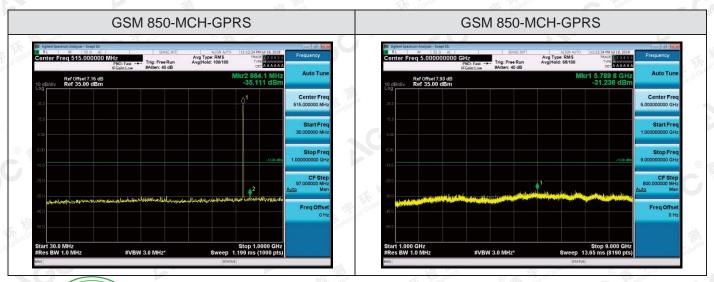
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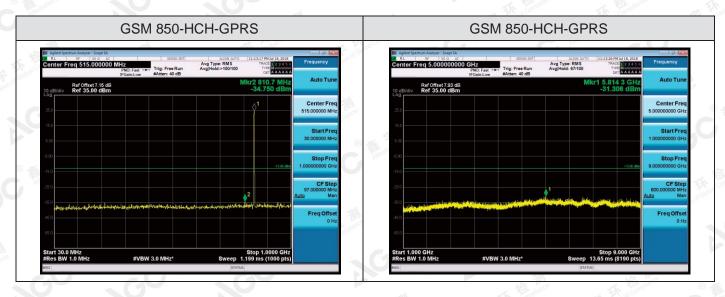


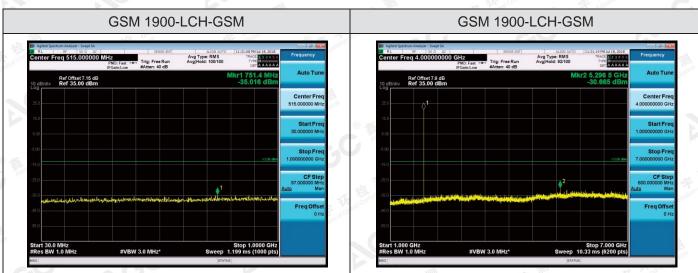
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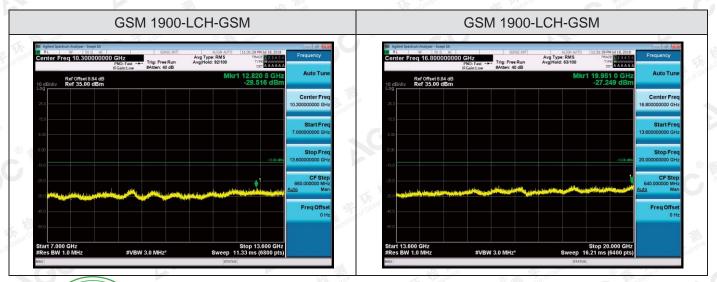
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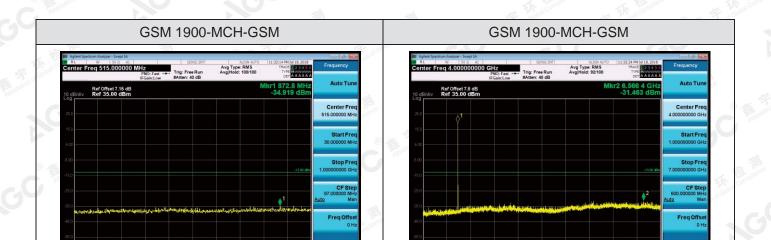


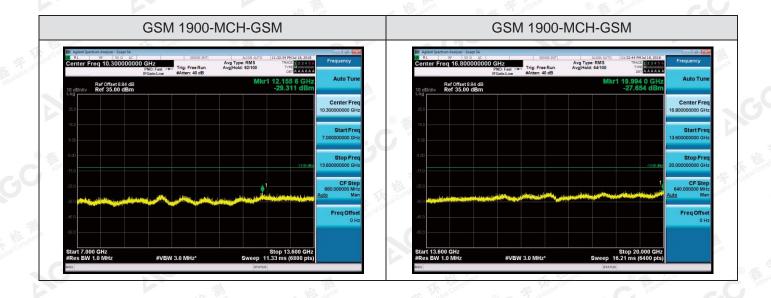
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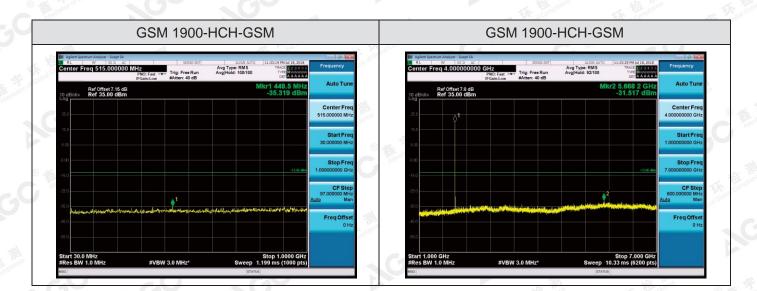


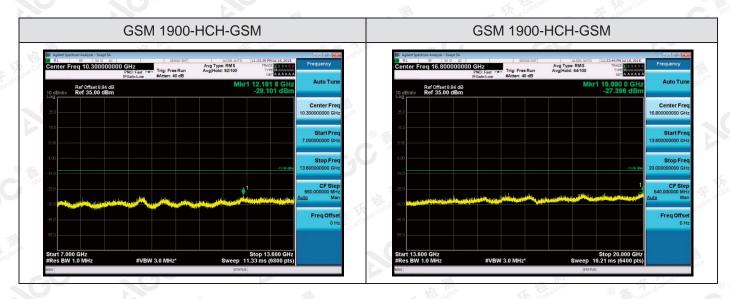


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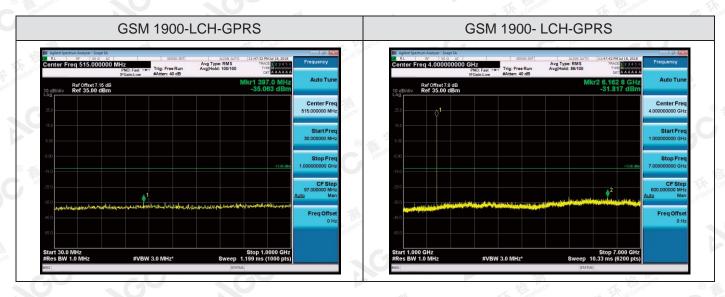


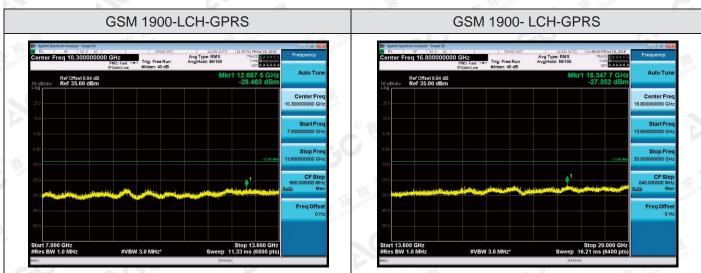
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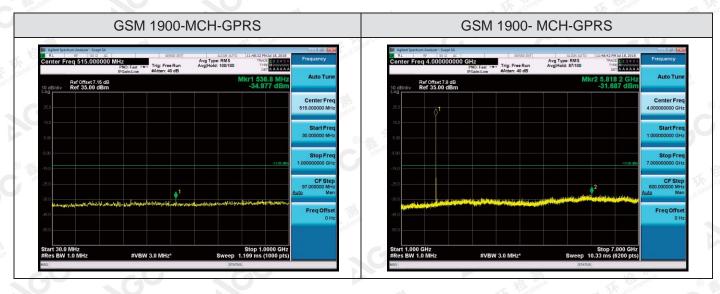


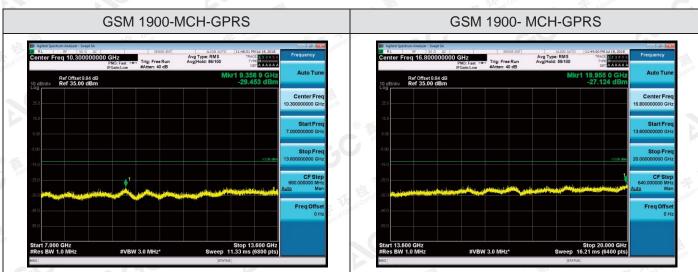
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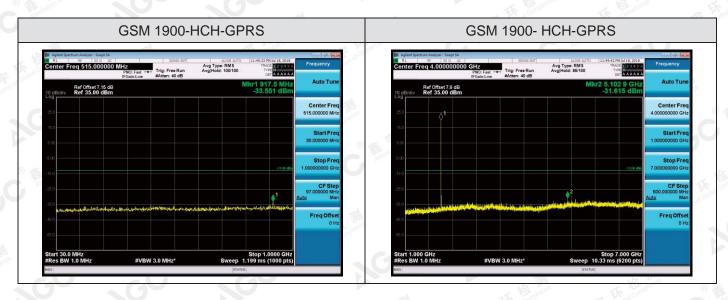


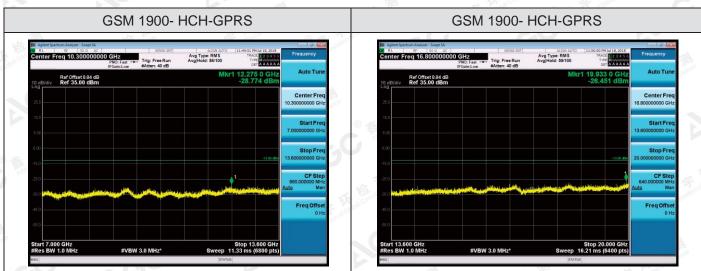


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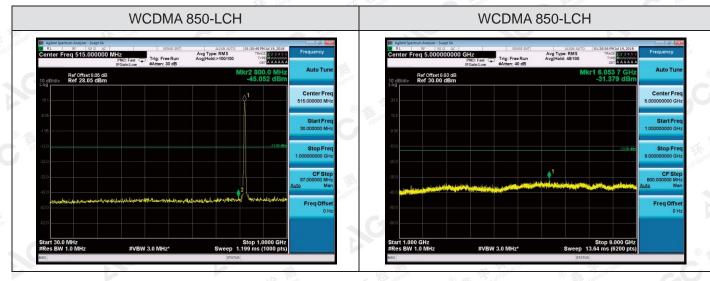
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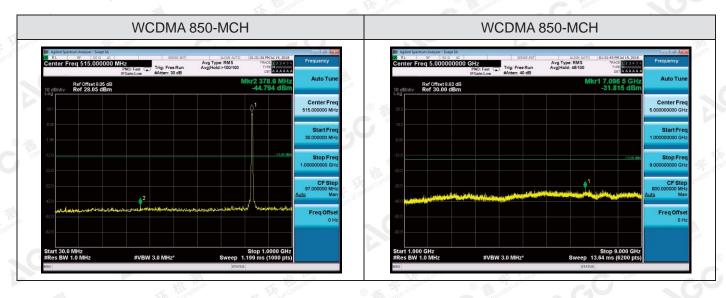


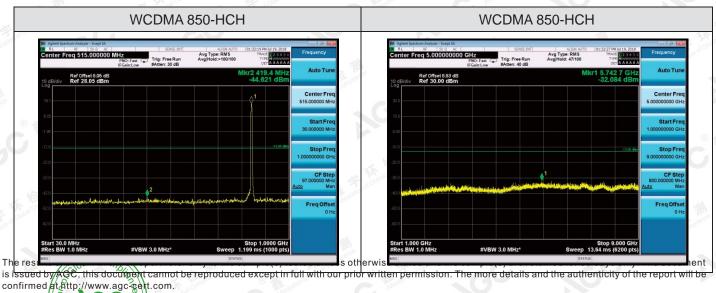
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Test Band=WCDMA850/WCDMA1900

Test Mode=UMTS



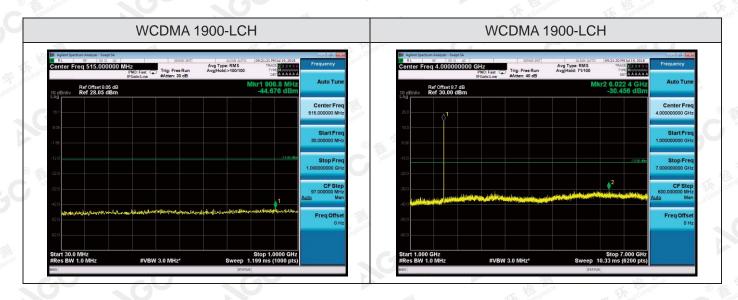


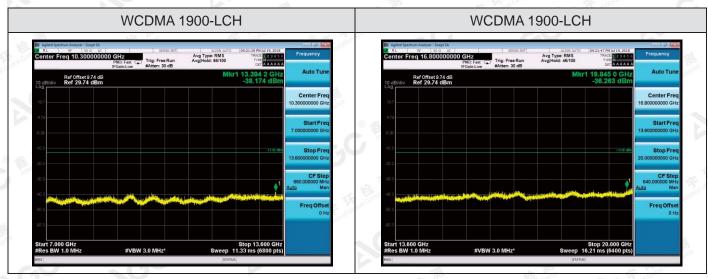


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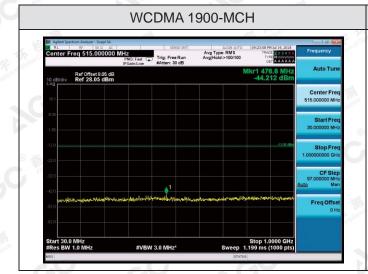


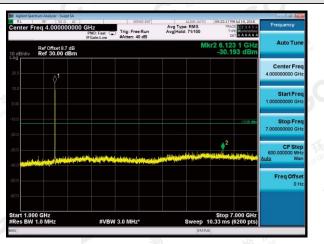
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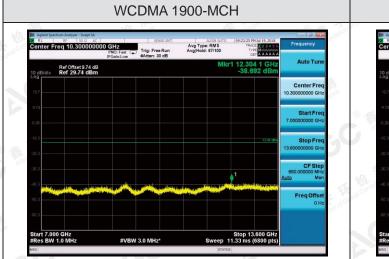


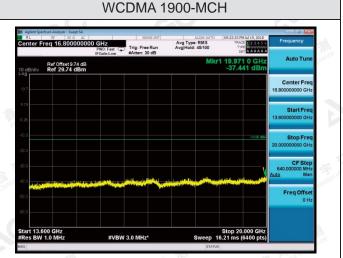
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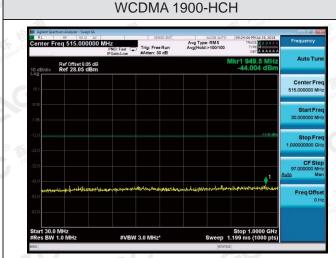


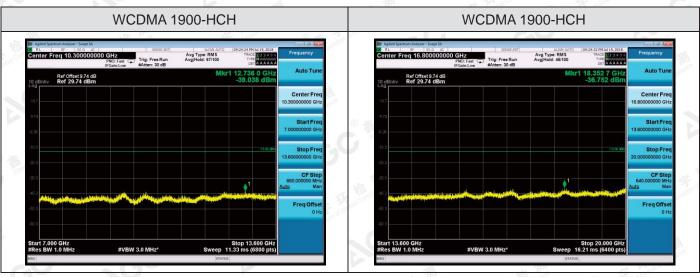


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Note: 1. Below 30MHZ no Spurious found and Above is the worst mode data.

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.

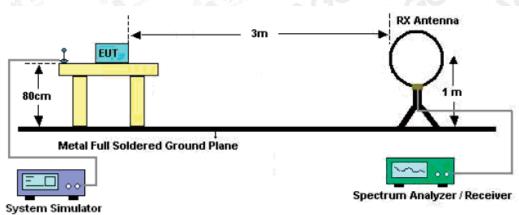
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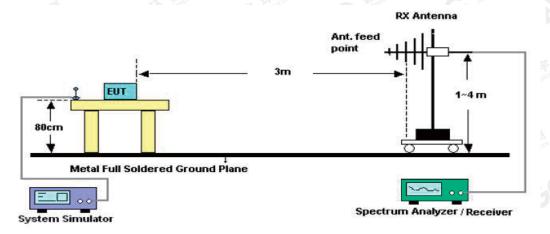


9.2.2 TEST SETUP

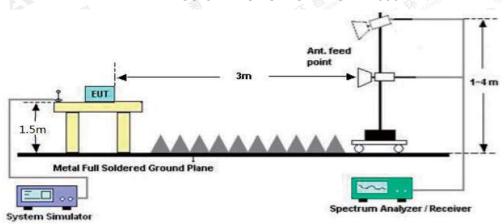
Radiated Emission Test-Setup Frequency Below 30MHz



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									
Frequency	Emission Level	Limits	Margin	Communit						
(MHz)	(dBm)	(dBm)	(dB)	Comment						
1967.60	-50.35	-13	-37.35	Horizontal						
3458.42	-34.18	-13	-21.18	Horizontal						
6722.69	-47.64	-13	-34.64	- Horizontal						
1967.60	-40.56	-13	-27.56	Vertical						
3458.64	-51.83	ъ -13 <u>- %</u>	-38.83	Vertical						
6705.44	-34.55	-13	-21.55	Vertical						

PCS 1900:

	The Worst Test R	esults for Chann	el 810/1909.8MHz		
Frequency	Emission Level	Limits	Margin	Comment	
(MHz)	(dBm)	(dBm)	(dB)	Comment	
1745.66	-48.62	-13	-35.62	Horizontal	
3819.60	-35.92	-13	-22.92	Horizontal	
7748.52	-47.67	-13	-34.67	Horizontal	
1845.48	-37.10	-13	-24.10	Vertical	
3819.60	-47.66	-13	-34.66	Vertical	
7733.25	-33.16	-13	-20.16	Vertical	
				-	

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HSPA band II:

	The Worst Test Results for Channel 9538/1907.6MHz									
Frequency	Emission Level	Limits	Margin	Commont						
(MHz)	(dBm)	(dBm)	(dB)	Comment						
1866.51	-48.61	-13	-35.61	Horizontal						
3815.20	-34.56	-13	-21.56	Horizontal						
7633.26	-50.88	-13	-37.88	Horizontal						
1856.18	-36.03	-13	-23.03	Vertical						
3815.20	-46.89	-13	-33.89	Vertical						
7653.11	-32.56	ъ -13	-19.56	Vertical						

HSPA band V:

The Worst Test Results for Channel 4233/846.6MHz									
Frequency	Emission Level	Limits	Margin	Commont					
(MHz)	(dBm)	(dBm)	(dB)	Comment					
1693.20	-51.66	-13	-38.66	Horizontal					
3354.85	-34.85	-13	-21.85	Horizontal					
6733.22	-47.55	-13	-34.55	Horizontal					
1693.20	-35.59	-13	-22.59	Vertical					
3155.11	-45.80	-13	-32.80	Vertical					
6711.48	-40.31	-13	-27.31	Vertical					

RESULT: PASS

Note:

1. Margin = Emission Level -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.

- 1 Measure the carrier frequency at room temperature.
- 2 Subject the EUT to overnight soak at -10℃.
- 3 With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on channel 661 for PCS 1900 band, channel 190 for GSM 850 band, channel 9400 for UMTS band II and channel 4175 for UMTS band V 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 +50°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 +50°C.
- 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 +50°C to -10°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 VO.	voltago.						
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	
0	-AIII:	11172	TN	VL	13.75	0.02	±2.5	PASS
The to	pliance	LCH	TN	VN	13.75	0.02	±2.5	PASS
& Allestation of Gran	® ## istalio	of Glov	TN	VH	13.04	0.02	±2.5	PASS
\ C			TN	VL	17.56	0.02	±2.5	PASS
GSM850	GSM	МСН	TN	VN	16.59	0.02	±2.5	PASS
® 4	Jon of Global Coll.	R F OF COOL	TN	VH	18.98	0.02	±2.5	PASS
	3100	Allestand	TN	VL	18.6	0.02	±2.5	PASS
		нсн	TN	VN	16.72	0.02	±2.5	PASS
not in			TN	VH	18.92	0.02	±2.5	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Vordict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	Verdict
1/3	ALL.	KE TOWNER	TN	VL	10.40	0.01	±2.5	PASS
The of Global Com	® 45th	LCH	TN	VN	14.59	0.02	±2.5	PASS
Allestation	F.C MILES		TN	VH	15.30	0.02	±2.5	PASS
			TN	VL 3	16.79	0.02	±2.5	PASS
GSM850	GPRS	MCH	TN	VN	18.08	0.02	±2.5	PASS
® 3	tion of Global	® Altestation of	TN	VH	18.92	0.02	±2.5	PASS
GO M	. C		TN	VL	16.27	0.02	±2.5	PASS
		HCH	TN	VN	16.08	0.02	±2.5	PASS
11/2 1/10	- 4	of Global Compilar	TN	VH	17.18	0.02	±2.5	PASS

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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	(ppm)	
Glopal Co.,	Elopal Count	~ CO	TN	VL	46.88	0.03	±2.5	PASS
Attests	20.	LCH	TN	VN	39.97	0.02	±2.5	PASS
G	-311/1	litte:	TN	VH	43.84	0.02	±2.5	PASS
DOO	ollance	The Compliance	TN	VL VL	44.17	0.02	±2.5	PASS
PCS	GSM	MCH	TN	VN	41.26	0.02	±2.5	PASS
1900	0		TN	VH	42.55	0.02	±2.5	PASS
	相	000	TN	VL	50.50	0.03	±2.5	PASS
® # <u>***</u>	F 3K Conn	HCH	TN @ 4	VN	44.17	0.02	±2.5	PASS
CC ***		Allestation	TN	VH	47.98	0.03	±2.5	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	(ppm)	
8	lestation of C	CO	TN	VL	29.90	0.02	±2.5	PASS
		LCH	TN	VN	34.55	0.02	±2.5	PASS
	2000 2011	T KE Thollance	TN	VH	32.41	0.02	±2.5	PASS
The Company	© %	iton of Global Co	TN FIN	VL	41.71	0.02	±2.5	PASS
PCS 1900	GPRS	MCH	TN	VN	40.81	0.02	±2.5	PASS
1900			TN	VH	38.42	0.02	±2.5	PASS
	The Compliant	- F	TN	VL	44.88	0.02	±2.5	PASS
	lion of Globa	HCH	TN	VN	41.84	0.02	±2.5	PASS
	3.0		TN	VH	44.17	0.02	±2.5	PASS

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Frequency Error vs. Temperature:

After				711		300	John Court	12.
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/ordist
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	(ppm)	Verdict
Bloom Con	E Olopal Count	~ CC	VN	-10	14.59	0.02	±2.5	PASS
a C Allestr	MO.		VN	0 1	12.20	0.01	±2.5	PASS
G	- <u>III</u>	litiz:	VN	10	16.08	0.02	±2.5	PASS
GSM850	GSM	LCH	VN	20	14.92	0.02	±2.5	PASS
Allestation of Gran	® ## F	of Glov	VN	30	14.27	0.02	±2.5	PASS
\C	0		VN	40	14.98	0.02	±2.5	PASS
	1000		VN	50	13.30	0.02	±2.5	PASS
® 45.	Find Global Court	® # John Clot	VN	-10	16.01	0.02	±2.5	PASS
CC RATTO		C To	VN	0	18.98	0.02	±2.5	PASS
			VN	10	20.53	0.02	±2.5	PASS
GSM850	GSM	MCH	VN	20	17.76	0.02	±2.5	PASS
Compliance	The Kin	lance ®	VN	30	14.66	0.02	±2.5	PASS
(S)	lestation of G	(C)	VN	40	16.47	0.02	±2.5	PASS
GU			VN	50	17.82	0.02	±2.5	PASS
Also.	MIN.	Kil poliance	VN	-10	18.73	0.02	±2.5	PASS
T JA Global Comp	® 🦡	Jon of Global Con.	VN	0	17.63	0.02	±2.5	PASS
Attestation Attestation			VN	10	19.05	0.02	±2.5	PASS
GSM850	GSM	HCH	VN	20	19.63	0.02	±2.5	PASS
	The Kinglian	- E	VN	30	19.50	0.02	±2.5	PASS
© ##	tion of Globs,	® Attestation of	VN	40	21.50	0.03	±2.5	PASS
GO	. C		VN	50	16.27	0.02	±2.5	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Tem. (°C)	Freq.Error (Hz)	Freq.vs.rated (ppm)	Limit (ppm)	Verdict
			VN	-10	9.94	0.01	±2.5	PASS
	-AME	lin:	VN	0	8.98	0.01	±2.5	PASS
	pliance	That Compliance	VN	10	17.18	0.02	±2.5	PASS
GSM850	GPRS	LCH	VN	20	18.27	0.02	±2.5	PASS
			VN	30	13.88	0.02	±2.5	PASS
	极利	os N	VN	40	8.78	0.01	±2.5	PASS
	Figo of Global Con.,	O F F OF COUR	VN ®	50	13.37	0.02	±2.5	PASS
C AITE		Allesta	VN	-10	13.75	0.02	±2.5	PASS
			VN	0	15.56	0.02	±2.5	PASS
			VN	10	14.66	0.02	±2.5	PASS
GSM850	GPRS	MCH	VN	20	16.08	0.02	±2.5	PASS
	lestation of G	~GO	VN	30	16.85	0.02	±2.5	PASS
		拉测	VN	40	15.82	0.02	±2.5	PASS
			VN	50	13.69	0.02	±2.5	PASS
F Global Com	® 45	F Global Co	VN	-10	22.08	0.03	±2.5	PASS
			VN	0	15.88	0.02	±2.5	PASS
	-all		VN	10	18.53	0.02	±2.5	PASS
GSM850	GPRS	HCH	VN	20	13.30	0.02	±2.5	PASS
	alion of Glops,	® Attestation of	VN	30	14.33	0.02	±2.5	PASS
			VN	40	24.09	0.03	±2.5	PASS
		111 m	VN	50	13.95	0.02	±2.5	PASS
				•				

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Test Band	Test Mode	Test Channel	Test Volt.	Test Tem. (°C)	Freq.Error (Hz)	Freq.vs.rated (ppm)	Limit (ppm)	Verdict
* * * * * * * * * * * * * * * * * * *		, @	VN	-10	43.20	0.02	±2.5	PASS
	F Global Complian	c.C	VN	0	40.87	0.02	±2.5	PASS
	tion o'		VN	10	42.75	0.02	±2.5	PASS
PCS	GSM	LCH	VN	20	45.20	0.02	±2.5	PASS
1900	pliance	大 Compliance	VN	30	43.52	0.02	±2.5	PASS
	© Martin Station	of Globa.	VN	40	43.07	0.02	±2.5	PASS
	0 "		VN	50	42.17	0.02	±2.5	PASS
	1000	MCH	VN	-10	43.72	0.02	±2.5	PASS
	Figure Count		VN ®	0	40.03	0.02	±2.5	PASS
C500 ****			VN	10	47.14	0.03	±2.5	PASS
PCS	GSM		VN	20	45.33	0.02	±2.5	PASS
1900			VN	30	42.49	0.02	±2.5	PASS
	The Kill		VN	40	42.62	0.02	±2.5	PASS
	estation of C		VN	50	40.16	0.02	±2.5	PASS
100			VN	-10	47.07	0.02	±2.5	PASS
	1111 1111	Fig. Companes	VN	4 000000000000000000000000000000000000	44.75	0.02	±2.5	PASS
TOO COM	® ##		VN	10	41.78	0.02	±2.5	PASS
PCS GS	GSM	HCH	VN	20	49.40	0.03	±2.5	PASS
1900	:111		VN	30	48.11	0.03	±2.5	PASS
	The Compliant		VN	40	44.68	0.02	±2.5	PASS
	tion of Glov	(B) Attestation of	VN	50	45.33	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
C Global Co.	Clopal Coun.	GC	TN	VL	7.98	0.01	±2.5	PASS
EC Management		LCH	TN	VN	7.00	0.01	±2.5	PASS
		litte:	TN	VH	9.93	0.01	±2.5	PASS
II KE ompliant	_ J	hal Compliance	TN	VL	5.87	0.01	±2.5	PASS
WCDMA850	UMTS	MCH	TN	VN	8.09	0.01	±2.5	PASS
, CC			TN	VH	9.86	0.01	±2.5	PASS
	K Kit milance	~ %	TN	VL 🖖	5.16	0.01	±2.5	PASS
® \$ 400	of Global County	HCH	TN	VN	3.57	0.00	±2.5	PASS
CC Allesto	a.C	Allestans	TN	VH	11.09	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)	verdict
® Allestation	3	GO	TN	VL	24.34	0.01	±2.5	PASS
-GO		LCH	TN	VN	35.31	0.02	±2.5	PASS
#5 mm		E HE TOWN	TN	VH	28.52	0.02	±2.5	PASS
The of Global Compiles	® # igion of	Global Co	TN	VL	32.36	0.02	±2.5	PASS
WCDMA1900	UMTS	MCH	TN	VN	29.07	0.02	±2.5	PASS
	-711		TN	VH	35.11	0.02	±2.5	PASS
V	Compliance	亚斯	TN	VL	49.27	0.03	±2.5	PASS
® Filestation of G	900.	HCH	TN	VN	39.87	0.02	±2.5	PASS
GO	C		TN	VH	46.57	0.02	±2.5	PASS

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Frequency Error vs. Temperature:

Attes													
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/a ==!:a4					
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	(ppm)	Verdict					
Glopal Co.	Glopal Court	CO	VN	-10	9.14	0.01	±2.5	PASS					
Allestation			VN	0	8.74	0.01	±2.5	PASS					
		11172	VN	10	5.77	0.01	±2.5	PASS					
WCDMA850	UMTS	LCH	VN	20	4.93	0.01	±2.5	PASS					
3 Attestation of Co.	Attestation of C		VN	30	7.42	0.01	±2.5	PASS					
(G)	1		VN	40	8.06	0.01	±2.5	PASS					
	To Philance	相	VN	50	6.41	0.01	±2.5	PASS					
® ##	of Global Co	Front Global C	VN	-10	5.28	0.01	±2.5	PASS					
	a.C	Aires a	VN	0	6.21	0.01	±2.5	PASS					
			VN	10	5.26	0.01	±2.5	PASS					
WCDMA850	A850 UMTS	UMTS	S MCH	MCH	MCH	MCH	MCH	VN	20	11.67	0.01	±2.5	PASS
Kanpianos Compianos		© \$	VN	30	8.83	0.01	(ppm) ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5	PASS					
obba (8) Alfesta		CO.	VN	40	12.63	0.02	±2.5	PASS					
CO			VN	50	8.61	0.01	±2.5	PASS					
11 July 11 Jul		Kinpliance Jill	VN	-10	11.49	0.01	±2.5	PASS					
The of Global Compiles	8 A 310	Ot Glopal Co.	VN	0	12.13	0.01	±2.5	PASS					
Allestation'	C Attesti		VN	10	9.14	0.01	±2.5	PASS					
WCDMA850	WCDMA850 UMTS	S HCH	VN	20	10.86	0.01	±2.5	PASS					
1	The Compliance		VN	30	11.86	0.01	±2.5	PASS					
© ##	Clope	(S) Attestation of C.	VN	40	9.43	0.01	±2.5	PASS					
60			VN	50	8.54	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.	Tem. (°C)	(Hz)	(ppm)	(ppm)	verdict
KE phares	KE JUINO	® \$	VN	-10	35.10	0.02	±2.5	PASS
	Post Court.	CO "	VN	0	33.84	0.02	±2.5	PASS
			VN	10	39.23	0.02	±2.5	PASS
WCDMA1900	UMTS	LCH	VN	20	41.14	0.02	(ppm) ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5	PASS
	The same	al Compliance	VN	30	28.27	0.02	±2.5	PASS
	Attestation of Glo		VN	40	35.48	0.02	±2.5	PASS
			VN	50	24.28	0.01	±2.5	PASS
	Kingliance July	一位	VN	-10	33.87	0.02	±2.5	PASS
	Popal Co.	F Jon of Global Con	VN	0	30.90	0.02	±2.5	PASS
	a.C	Allestan	VN	10	29.31	0.02	±2.5	PASS
WCDMA1900	UMTS	MCH	VN	20	30.99	0.02	±2.5	PASS
			VN	30	37.31	0.02	±2.5	PASS
	文 英王 biggings	® Auto	VN	40	27.65	0.01	(ppm) ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5 ±2.5	PASS
	300	GO	VN	50	30.73	0.02	±2.5	PASS
			VN	-10	53.85	0.03	±2.5	PASS
		K Kill James	VN	0	48.29	0.03	±2.5	PASS
	® A talion of	Global Co.	VN	10	45.82	0.02	±2.5	PASS
WCDMA1900	UMTS	HCH	VN	20	43.27	0.02	±2.5	PASS
	:7111		VN	30	43.96	0.02	±2.5	PASS
	hal Compliance	事 玩	VN	40	50.63	0.03	±2.5	PASS
	De la	Affestation of	VN	50	44.04	0.02	±2.5	PASS

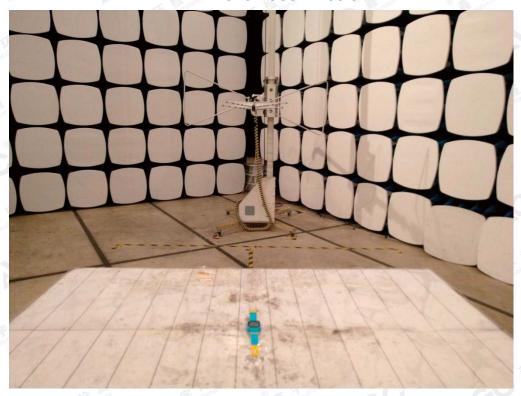
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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED SPURIOUS EMISSION



RADIATED SPURIOUS ABOVE 1G EMISSION



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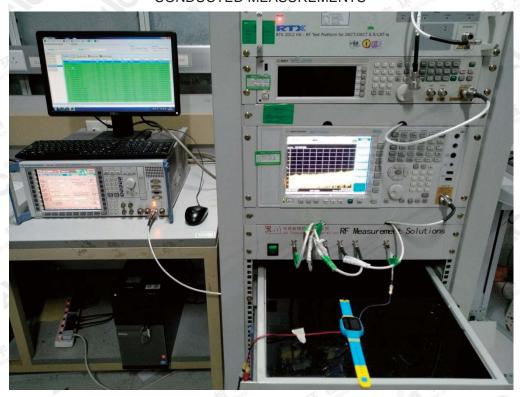
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CONDUCTED MEASUREMENTS



----END OF REPORT----

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