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8. BAND EDGE

8.1 MEASUREMENT METHOD

1. All out of band emissions are measured with an analyzer spectrum connected to the antenna terminal of the EUT while the EUT at its maximum duty cycle, at maximum power, and at the approximate frequencies. All data rates were investigated to determine the worst case configuration

2. The test set up and general procedure is similar to conducted peak output power test. Only different for setting the measurement configuration of the measuring instrument of Spectrum Analyzer.

3. Start and stop frequency were set such that the band edge would be placed in the center of the plot.

4. Span was set large enough so as to capture all out of band emissions near the band edge.

5. RBW>1% of the emission bandwidth, VBW >=3 x RBW, Detector=RMS, Number of points>=2 x Span/RBW,

Trace mode=max hold, Sweep time=auto couple, and the trace was allowed to stabilize

8.2 PROVISIONS APPLICABLE

As Specified in FCC rules of 22.917(a) 、 24.238(a)and KDB 971168 D1 v03.

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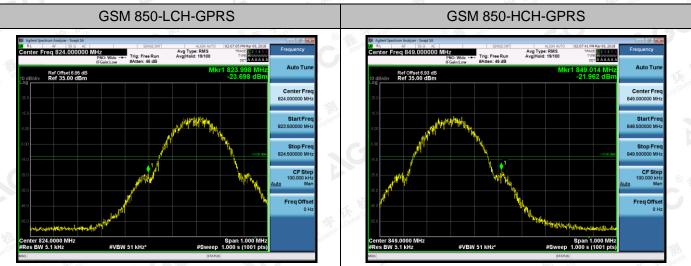
8.3 MEASUREMENT RESULT

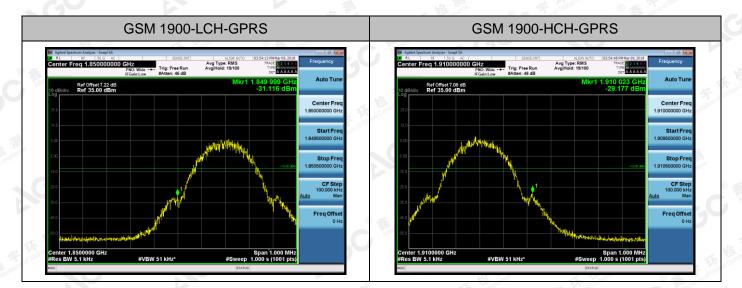
Test Results

For GSM

Test Band=GSM850/GSM1900

Test Mode=GPRS





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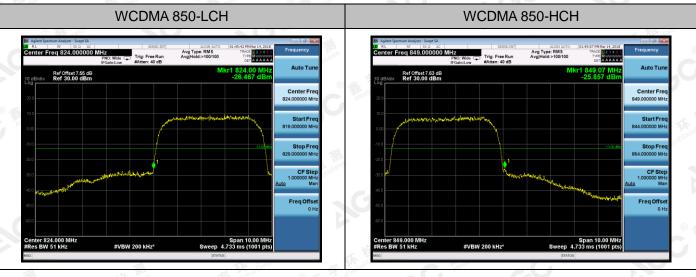
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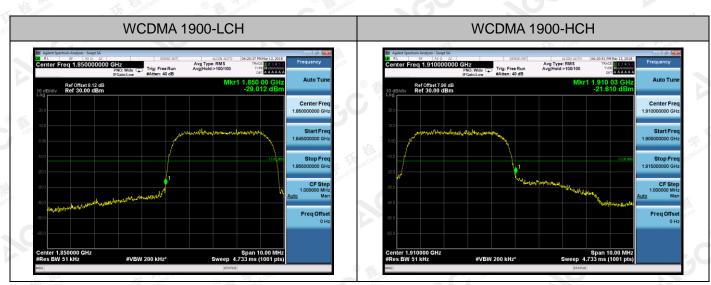
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For WCDMA

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.

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.
Determine EUT transmit frequencies: the following typical channels were chosen to conducted emissions testing.

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	٦	Typical Channels	for testing of C	GSM 850	
	Channel			Frequency (MHz)
Bathal Contra	128	CO M		824.2	
A.C.	190			836.6	F ICompany
	251	Francional Complex	The The Compliant	848.8	C Presenter
A Standard	Soc State	C As allon o	(R) A Contraction of the	The station	

CIU"						
		Typical Channels	s for testing of	PCS 1900		
	Channel			Frequency (N	lHz)	
	512	The The second	pliance C and	1850.2	S G C	
C The station of	661	Con Con State of Close	SC "	1880.0		
GC M	810	GO		1909.8	The marce	(2)
			110-	The Compliant	Stral Con	

	Typical Channels	for testing of UMTS ba	and II	
Chann	el		Frequency (MHz)	
9262	NO		1852.4	The Stopal Compliance
9400	all the	The The complete	1880	B Attestation of
9538	molarice C and ration of Global	C Antestation of C	1907.6	

al Channels for	r testing of UMTS ba	and V	
		Frequency (MH	z)
C These	CC M	826.4	
0		836.4	The the provide
liir.	T. Handarde	846.6	C Franklord Cloba
	al Channels for		836.4

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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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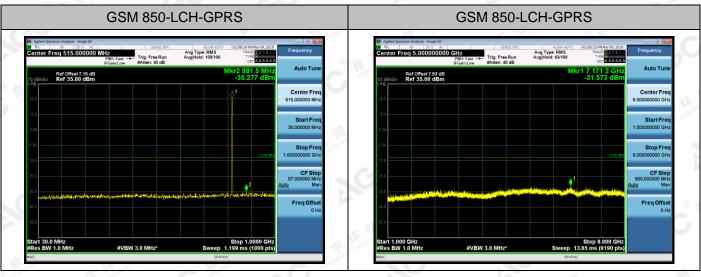
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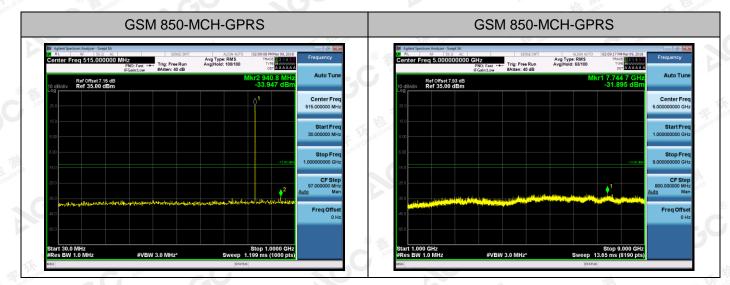
9.1.3MEASUREMENT RESULT

Test Results

Test Band=GSM850/GSM1900

Test Mode=GPRS

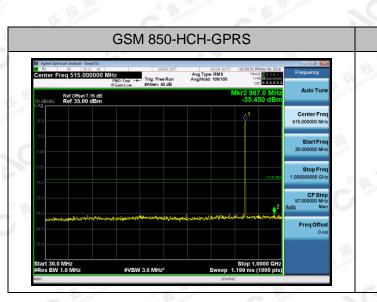




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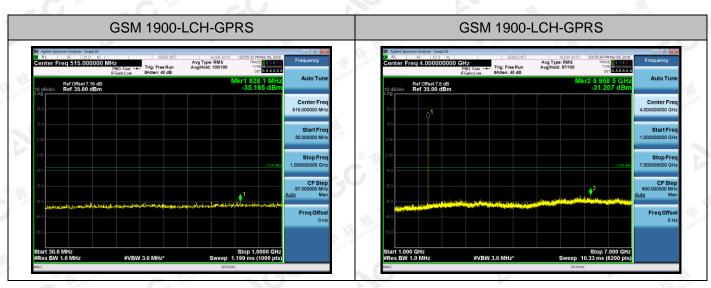


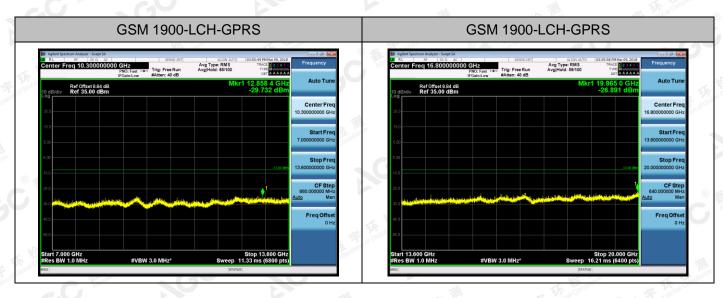
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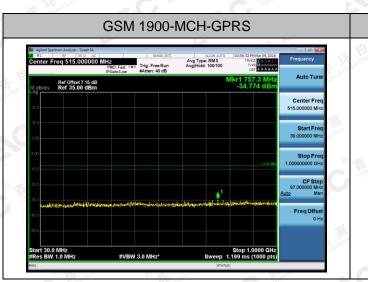




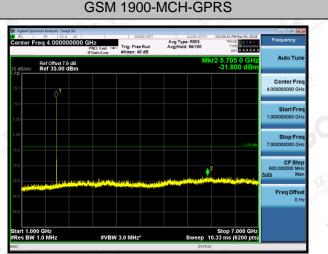


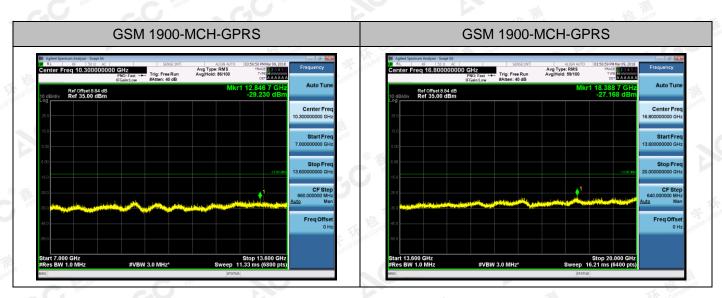
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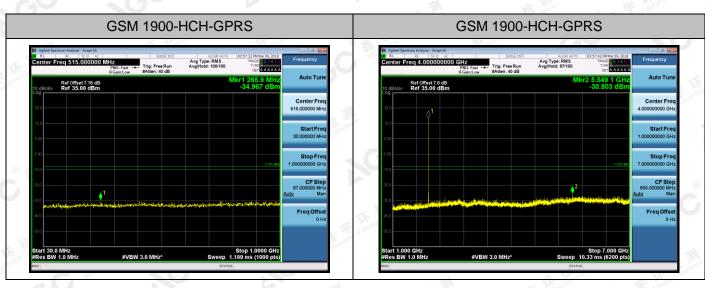
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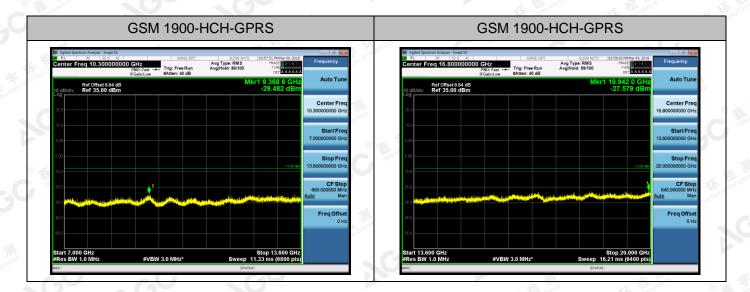




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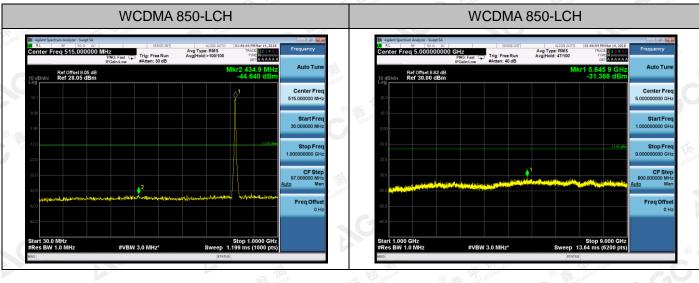


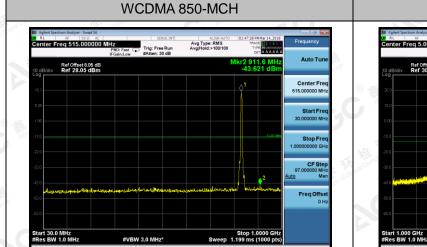


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Test Band=WCDMA850/WCDMA1900

Test Mode=UMTS





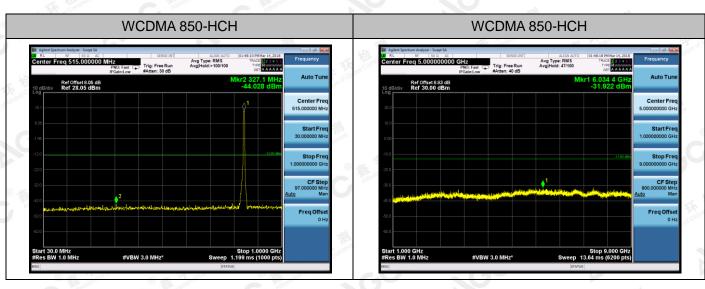
WCDMA 850-MCH

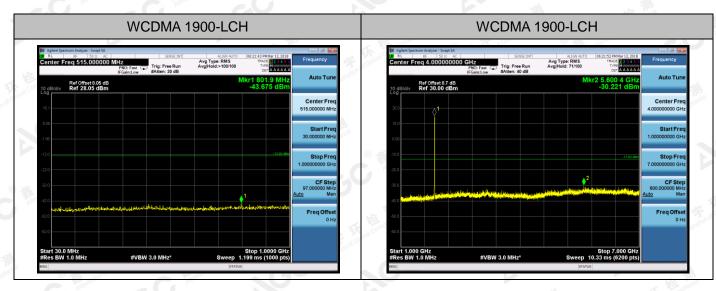


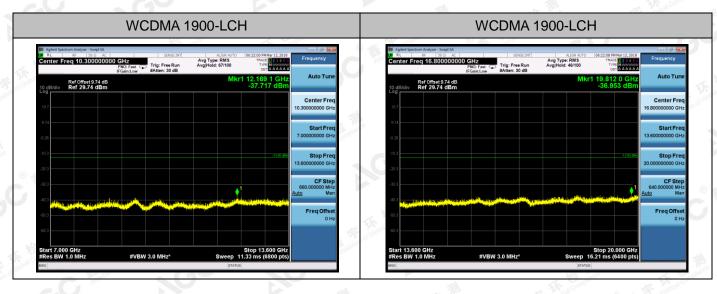
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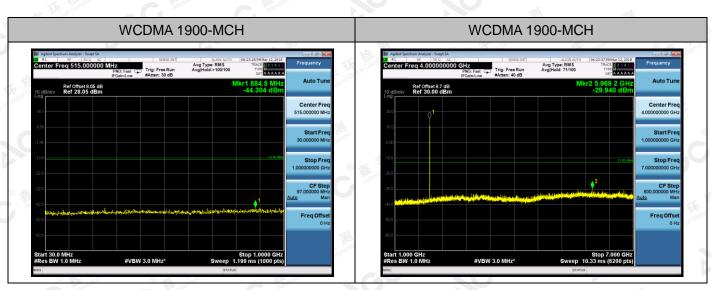
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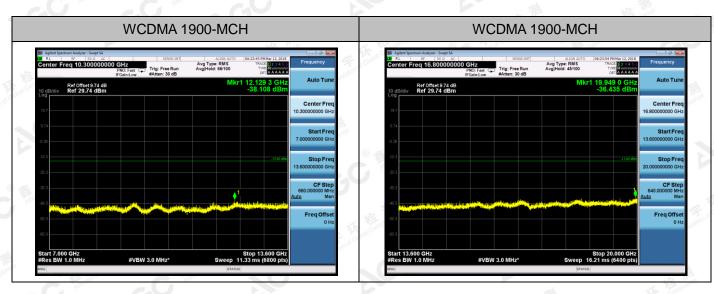
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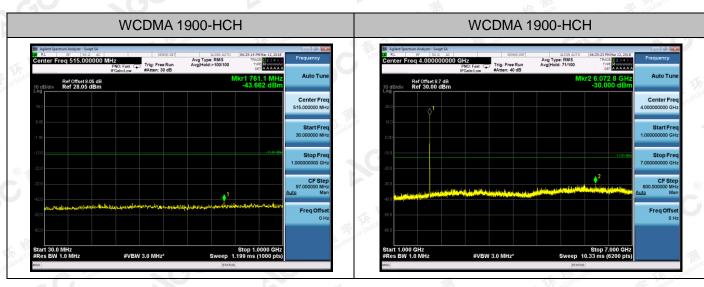
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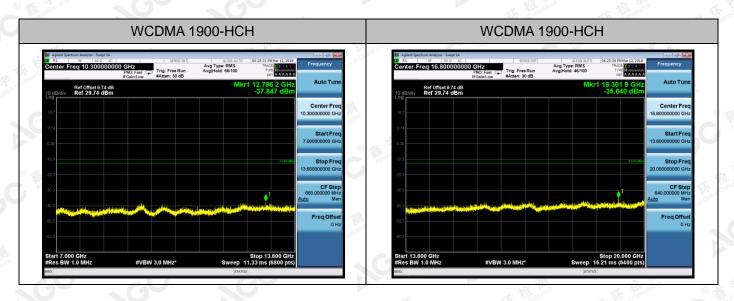
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Note: 1. Below 30MHZ no Spurious found and Above is the worst mode data.

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

- 1. 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.
- 5. 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.

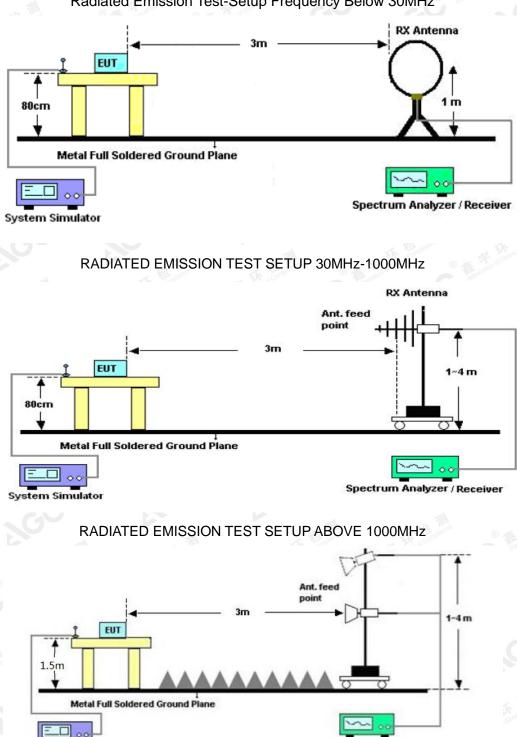
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9.2.2 TEST SETUP



Radiated Emission Test-Setup Frequency Below 30MHz

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System Simulator

Spectrum Analyzer / Receiver

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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	Commont				
(MHz)	(dBm)	(dBm)	(dB)	- Comment				
1697.66	-48.82	-13.00	-35.82	Horizontal				
2395.27	-34.47	-13.00	-21.47	Horizontal				
3790.46	-27.06	-13.00	-14.06	Horizontal				
1697.63	-48.59	-13.00	-35.59	Vertical				
2395.18	-35.06	-13.00	-22.06	Vertical				
3790.42	-26.83	-13.00	-13.83	Vertical				
				- Alia				

PCS 1900:

	The Worst Test Results for Channel 810/1909.8MHz(1GHz-20GHz)									
Frequency	Emission Level	Limits	Margin	Commont						
(MHz)	(dBm)	(dBm)	(dB)	- Comment						
1847.65	-49.16	-13.00	-36.16	Horizontal						
3819.68	-38.84	-13.00	-25.84	Horizontal						
7639.47	-26.23	-13.00	-13.23	Horizontal						
1887.51	-49.91	-13.00	-36.91	Vertical						
3819.63	-37.85	-13.00	-24.85	Vertical						
7639.51	-26.43	-13.00	-13.43	Vertical						

HSPA band II:

	aloba.		
he Worst Test Results f	or Channel 9538/19	07.6MHz(1GHz-20GH	lz)
Emission Level	Limits	Margin	Commont
(dBm)	(dBm)	(dB)	Comment
-49.75	-13.00	-36.75	Horizontal
-39.15	-13.00	-26.15	Horizontal
-27.91	-13.00	-14.91	Horizontal
-50.76	-13.00	-37.76	Vertical
-38.94	-13.00	-25.94	Vertical
-27.77	-13.00	-14.77	Vertical
	Emission Level (dBm) -49.75 -39.15 -27.91 -50.76 -38.94	Emission LevelLimits(dBm)(dBm)-49.75-13.00-39.15-13.00-27.91-13.00-50.76-13.00-38.94-13.00	(dBm) (dBm) (dB) -49.75 -13.00 -36.75 -39.15 -13.00 -26.15 -27.91 -13.00 -14.91 -50.76 -13.00 -37.76 -38.94 -13.00 -25.94

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	The Worst Test Results for Channel 4233/846.6MHz(1GHz-9GHz)									
Frequency	Emission Level	Limits	Margin	Commont						
(MHz)	(dBm)	(dBm)	(dB)	- Comment						
1692.84	-47.57	-13.00	-34.57	Horizontal						
2385.67	-34.42	-13.00	-21.42	Horizontal						
3771.22	-27.68	-13.00	-14.68	Horizontal						
1692.79	-48.76	-13.00	-35.76	Vertical						
2385.57	-37.22	-13.00	-24.22	Vertical						
3771.58	-27.5	-13.00	-14.5	Vertical						

HSPA band V:

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.

- 1 Measure the carrier frequency at room temperature.
- 2 Subject the EUT to overnight soak at -10° C.

3 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 $+55^{\circ}$ 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 $+55^{\circ}$ C.

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 3.0VDC and 4.25VDC, 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:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdiet
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	Verdict
6	-1111	10-	TN	VL	-0.84	-0.00	±2.5	PASS
T	plance	LCH	TN	VN	-6.33	-0.01	±2.5	PASS
8 Strestation of Glou	C The status	of Global	CTN	VH	-10.20	-0.01	±2.5	PASS
- C	G		TN	VL	-8.59	-0.01	±2.5	PASS
GSM850	GPRS	MCH	TN	VN	-7.43	-0.01	±2.5	PASS
8 <i>4</i>	Finor Global Comp	A THONG	TN 🛛 🐔	VH	-7.10	-0.01	±2.5	PASS
CC The	tau.	Allestanu	TN	VL	-6.13	-0.01	±2.5	PASS
	NO.	нсн	TN	VN	-9.17	-0.01	±2.5	PASS
		an l	TN	VH	-8.72	-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)	
NR.		The Hand	TN	VL	43.26	0.02	±2.5	PASS
	© 5.	LCH	TN	VN	34.68	0.02	±2.5	PASS
	LC Ares		TN	VH	34.16	0.02	±2.5	PASS
DOG			TN	VL 🔬	25.76	0.01	±2.5	PASS
PCS	GPRS	MCH	TN	VN	30.87	0.02	±2.5	PASS
1900	ton of Global	C Attestation of	TN	VH	27.25	0.01	±2.5	PASS
	C		TN	VL	32.41	0.02	±2.5	PASS
		HCH	TN	VN	31.12	0.02	±2.5	PASS
		of Global Complian	TN	VH	27.77	0.01	±2.5	PASS

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Frequency Error vs. Temperature:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Volt.	Temp. °C	(Hz)	(ppm)	(ppm)	verdict
Jobal Conir	F or Global Comp	- C	VN	-10	-7.81	-0.01	±2.5	PASS
	0 ⁶⁰⁰¹		VN	0	-1.10	-0.00	±2.5	PASS
	107-	-111	VN	10	2.00	0.00	±2.5	PASS
GSM850	GPRS	LCH	VN	20	0.52	0.00	±2.5	PASS
	C Thestall	of Globa	VN	30	-8.78	-0.01	±2.5	PASS
	G	l l	VN	40	-9.36	-0.01	±2.5	PASS
	臣	no ^e	VN	50	-5.42	-0.01	±2.5	PASS
® #	Fon of Global Com	A THE OF ON	VN	-10	-13.04	-0.01	±2.5	PASS
		Allestation	VN	0	-7.68	-0.01	±2.5	PASS
	NO		VN	10	-5.81	-0.01	±2.5	PASS
GSM850	GPRS	MCH	VN	20	-12.46	-0.01	±2.5	PASS
	The	gliance ®	VN	30	-9.81	-0.01	±2.5	PASS
	testation of Gio	S	VN	40	-14.98	-0.02	±2.5	PASS
			VN	50	-10.91	-0.01	±2.5	PASS
15	14	the alleries	VN	-10	-8.52	-0.01	±2.5	PASS
	© 🐔	Find Global Coll.	VN	0	-13.88	-0.02	±2.5	PASS
	C ***		VN	10	-11.36	-0.01	±2.5	PASS
GSM850	GPRS	НСН	VN	20	-10.20	-0.01	±2.5	PASS
	The tampion	° 12	VN	30	-8.27	-0.01	±2.5	PASS
	Gillon of Globa	B Atlestation C	VN	40	-16.27	-0.02	±2.5	PASS
			VN	50	-15.82	-0.02	±2.5	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp. ℃	Freq.Error (Hz)	Freq.vs.rated (ppm)	Limit (ppm)	Verdict				
the The	The second) Ø	VN	-10	32.54	0.02	±2.5	PASS				
	F 1 Global Compilar	c.C	VN	0	42.62	0.02	±2.5	PASS				
	Jour		VN	10	34.22	0.02	±2.5	PASS				
PCS	GPRS	LCH	VN	20	44.17	0.02	±2.5	PASS				
1900	plance	The Compliance	VN	30	38.55	0.02	±2.5	PASS				
	C Thestall	of Globa	VN	40	27.06	0.01	±2.5	PASS				
	C m		VN	50	24.15	0.01	±2.5	PASS				
	一個		VN	-10	34.55	0.02	±2.5	PASS				
	F. Global Contr	R F St Giobs	VN ©	0	25.25	0.01	±2.5	PASS				
E CO		Allestation	VN	10	26.22	0.01	±2.5	PASS				
PCS	GPRS	МСН	VN	20	17.89	0.01	±2.5	PASS				
1900		10	VN	30	21.24	0.01	±2.5	PASS				
	The the	TT The Come		The The tal	The The Con	clance ®	VN	40	25.83	0.01	±2.5	PASS
	estation of G	~GU	VN	50	28.15	0.01	±2.5	PASS				
S			VN	-10	28.99	0.02	±2.5	PASS				
		The Handware	VN	0	27.83	0.01	±2.5	PASS				
The second	© 4	Find Global Con	VN	10	22.99	0.01	±2.5	PASS				
PCS	GPRS	НСН	VN	20	20.60	0.01	±2.5	PASS				
1900			VN	30	34.16	0.02	±2.5	PASS				
	The Complian	4	VN	40	31.51	0.02	±2.5	PASS				
	ton of Globe	C Attestation of	VN	50	18.85	0.01	±2.5	PASS				

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Frequency Error vs. Voltage:

1. HC2.		-				Self Co.	100 LOCY	
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict
Global Contr	Global Comp	GO	ΤN	VL	6.36	0.01	±2.5	PASS
Allestation		LCH	TN	VN	3.88	0.00	±2.5	PASS
		-1117	ΤN	VH	3.43	0.00	±2.5	PASS
The terminan	· 5	Compliance	TN	VL	9.00	0.01	±2.5	PASS
WCDMA850	UMTS	МСН	TN	VN	8.91	0.01	±2.5	PASS
G			ΤN	VH	9.93	0.01	±2.5	PASS
	1 相間	10	TN	VL	5.51	0.01	±2.5	PASS
© Ette	of Global Conv	НСН	TN	VN	7.55	0.01	±2.5	PASS
C.C Messa	-C	Attestation	TN	VH	6.73	0.01	±2.5	PASS
				· ·		TEL Manu	EN Comp	04

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Vardiat	
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	Verdict	
Contraction Contraction		S	TN	VL	23.39	0.01	±2.5	PASS	
SO		LCH	ΤN	VN	20.77	0.01	±2.5	PASS	
A W	4	Hannahanes	TN	VH	24.86	0.01	±2.5	PASS	
a Francional Compile	C Station	C A nation of	Global	TN	VL	26.79	0.01	±2.5	PASS
WCDMA1900	UMTS	МСН	ΤN	VN	28.29	0.02	±2.5	PASS	
	the mainte		TN	VH	24.87	0.01	±2.5	PASS	
The second se		The show	TN	VL	23.39	0.01	±2.5	PASS	
© Thestation of O		НСН	TN	VN	27.42	0.01	±2.5	PASS	
GU	S		ΤN	VH	33.75	0.02	±2.5	PASS	

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Frequency Error vs. Temperature:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	
Band	Mode	Channel	Volt.	Temp. ℃	(Hz)	(ppm)	(ppm)	Verdict
Conscourses and the summer	Global Comp	20	VN	-10	3.19	0.00	±2.5	PASS
			VN	0	7.20	0.01	±2.5	PASS
		-111	VN	10	6.07	0.01	±2.5	PASS
WCDMA850	UMTS	LCH	VN	20	4.84	0.01	±2.5	PASS
AGC	8 Thestation of		VN	30	7.14	0.01	±2.5	PASS
	And		VN	40	6.99	0.01	±2.5	PASS
	the man	2	VN	50	8.90	0.01	±2.5	PASS
C The Ho	of Global CO.	The stand	VN	-10	11.86	0.01	±2.5	PASS
	c.C	Autostation	VN	0	11.92	0.01	±2.5	PASS
	0		VN	10	10.28	0.01	±2.5	PASS
WCDMA850	UMTS	мсн	VN	20	7.92	0.01	±2.5	PASS
			VN	30	11.80	0.01	±2.5	PASS
			VN	40	10.56	0.01	±2.5	PASS
			VN	50	10.42	0.01	±2.5	PASS
A IN		The The The	VN	-10	8.76	0.01	±2.5	PASS
	C 5. 4	of Global Co.	VN	0	7.19	0.01	±2.5	PASS
	C Allester		VN	10	11.35	0.01	±2.5	PASS
WCDMA850	UMTS	НСН	VN	20	8.01	0.01	±2.5	PASS
	The Compliance	The second	VN	30	9.25	0.01	±2.5	PASS
	Globa.	C Attestation of G	VN	40	8.65	0.01	±2.5	PASS
GC ^m	S		VN	50	9.19	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.	Temp. ℃	(Hz)	(ppm)	(ppm)	Veruici
The same	The second	® 🐔	VN	-10	24.09	0.01	±2.5	PASS
Sobal come	spal Complex	CO *	VN	0	24.08	0.01	±2.5	PASS
ALC Avestavo			VN	10	20.78	0.01	±2.5	PASS
WCDMA1900	UMTS	LCH	VN	20	26.89	0.01	±2.5	PASS
The the compliance	TF.	Compliance	VN	30	23.24	0.01	±2.5	PASS
Attestation of Give	Thestation of Glo	5	VN	40	23.12	0.01	±2.5	PASS
			VN	50	22.92	0.01	±2.5	PASS
	· He mans	一個	VN	-10	30.03	0.02	±2.5	PASS
	R 3lobal Collin	Fror Global Con	VN	0	26.08	0.01	±2.5	PASS
	-0	Attestatio	VN	10	27.16	0.01	±2.5	PASS
WCDMA1900	UMTS	МСН	VN	20	31.05	0.02	±2.5	PASS
-011			VN	30	23.96	0.01	±2.5	PASS
A Completion			VN	40	23.45	0.01	±2.5	PASS
	o ^{r O}	G	VN	50	25.83	0.01	±2.5	PASS
SC SC			VN	-10	32.18	0.02	±2.5	PASS
A A		the the manual	VN	0	24.54	0.01	±2.5	PASS
F of Gobal Compile	C E allon of	Global CO	VN	10	29.50	0.02	±2.5	PASS
WCDMA1900 UMTS	UMTS	НСН	VN	20	28.72	0.02	±2.5	PASS
	100-		VN	30	27.69	0.01	±2.5	PASS
	Compliance	IT IN	VN	40	29.72	0.02	±2.5	PASS
		B Autostation of C	VN	50	26.50	0.01	±2.5	PASS

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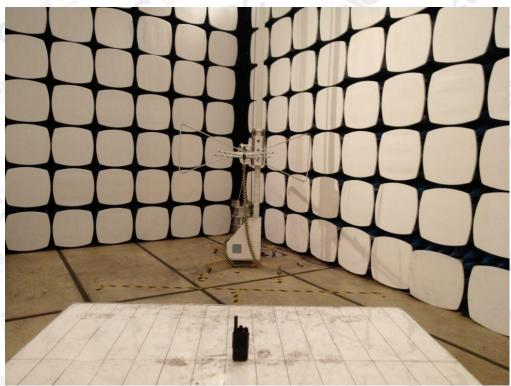


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APPENDIX A: PHOTOGRAPHS OF TEST SETUP CONDUCTED EMISSION



RADIATED SPURIOUS EMISSION

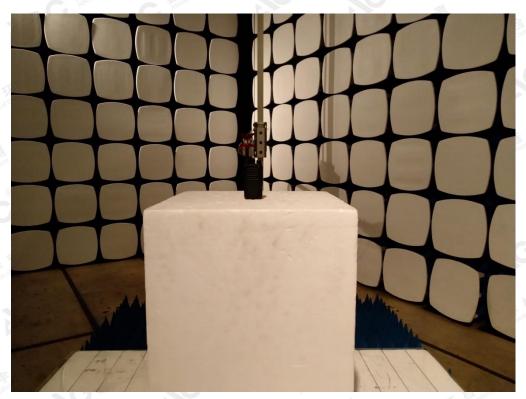


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CONDUCTED MEASUREMENTS



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