

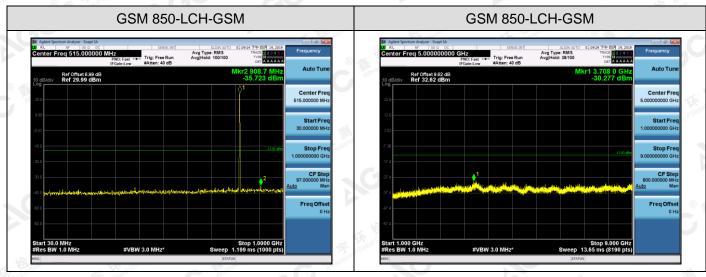
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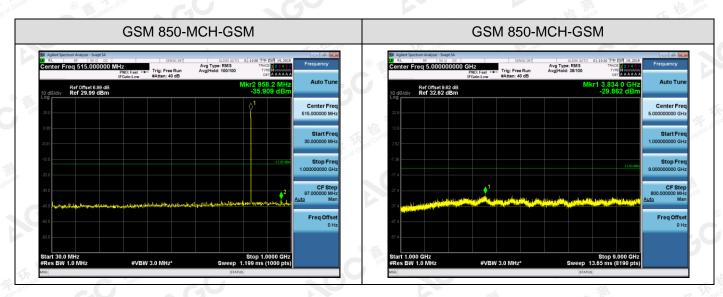
9.1.3MEASUREMENT RESULT

Test Results

Test Band=GSM850/PCS1900

Test Mode=GSM/EDGE

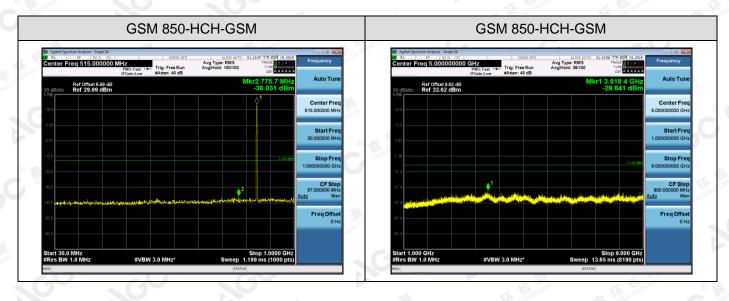


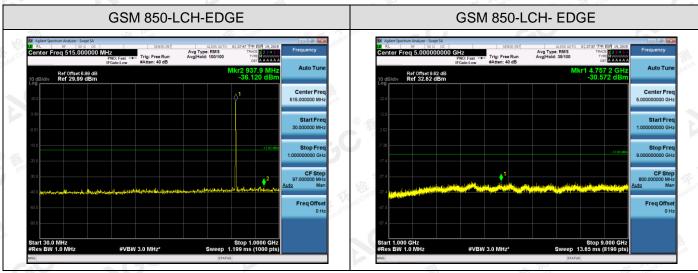


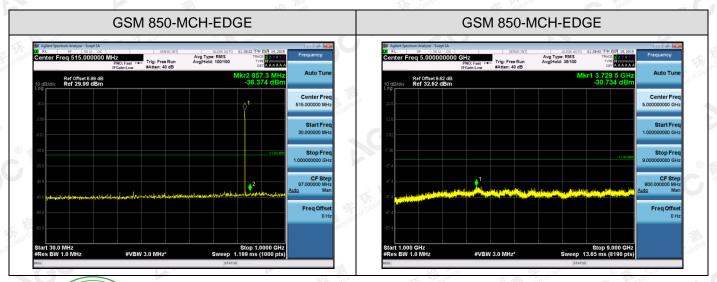
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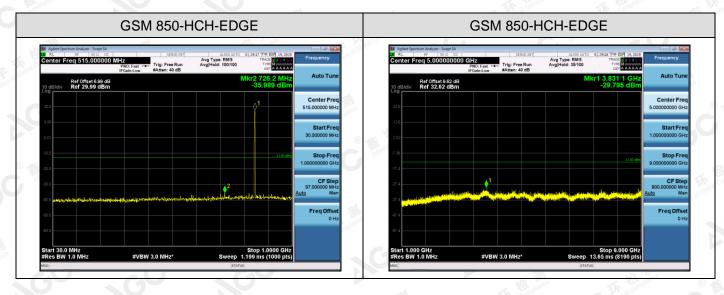


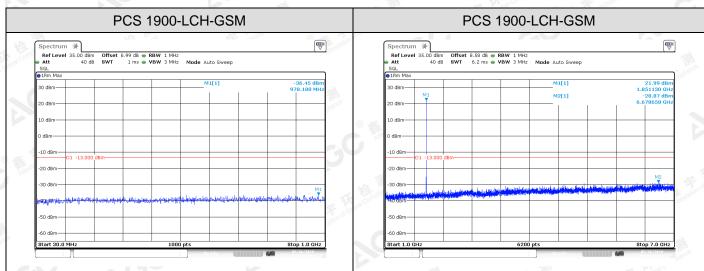


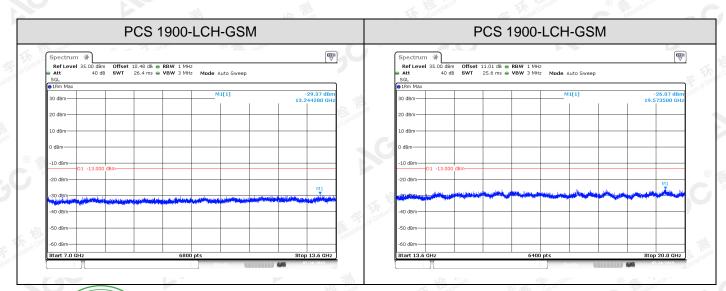
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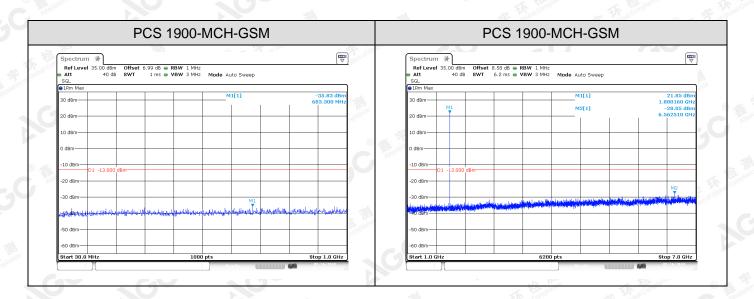


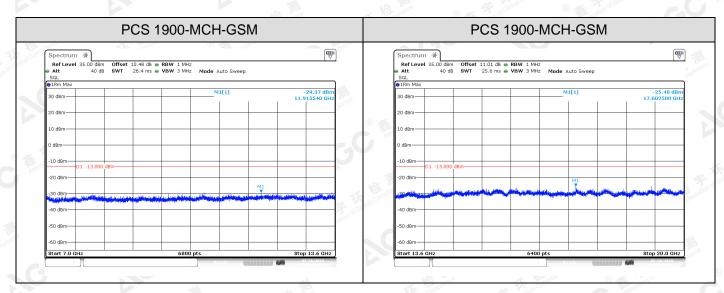
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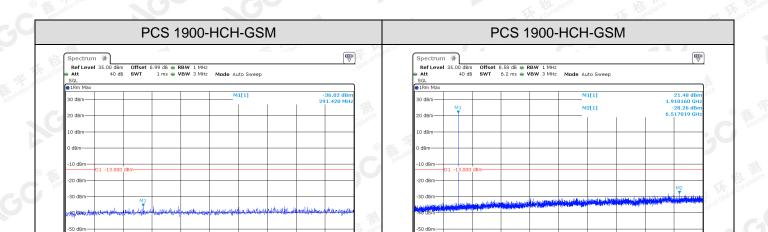
Report No.: AGC00767190402FE02 Page 44 of 70

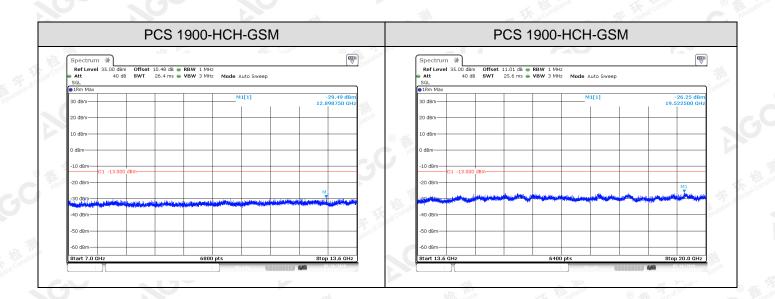






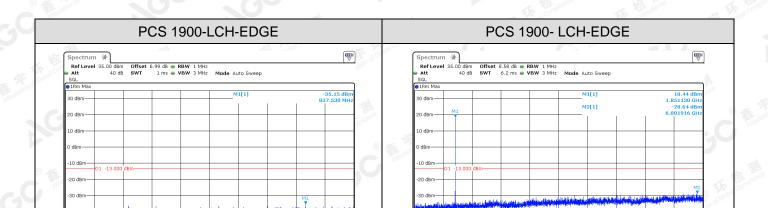
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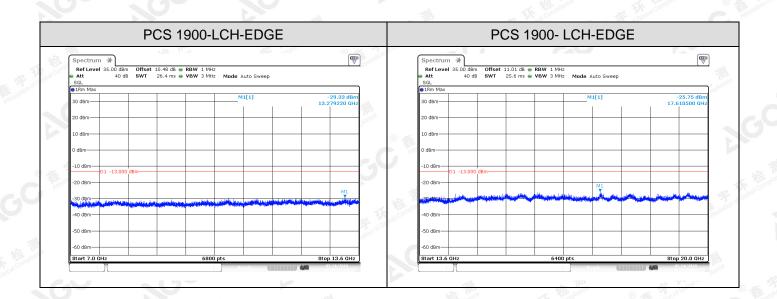






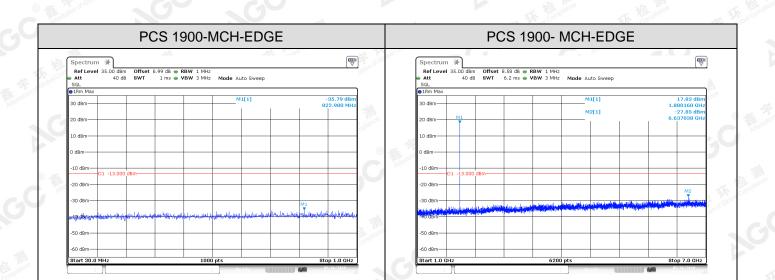
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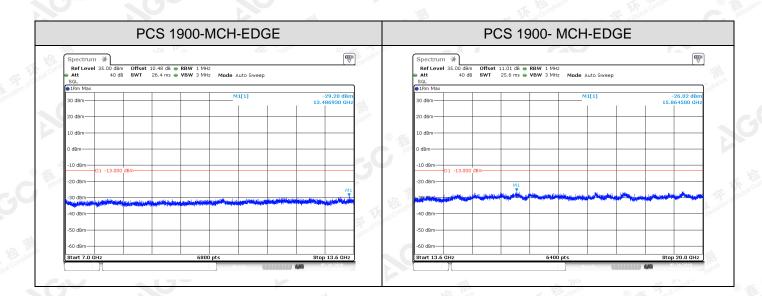






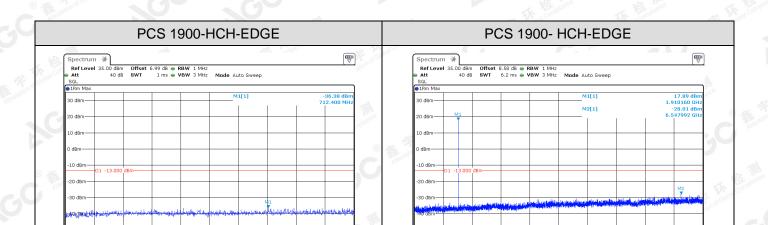
Report No.: AGC00767190402FE02 Page 47 of 70

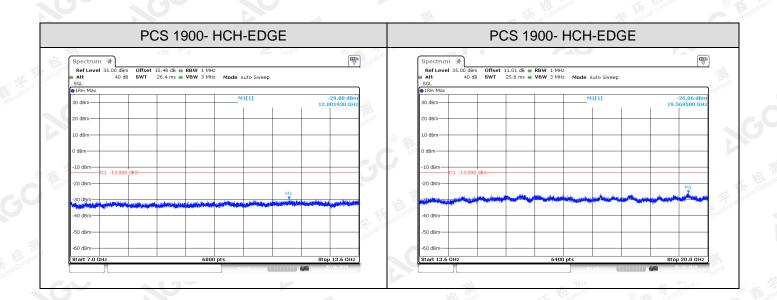






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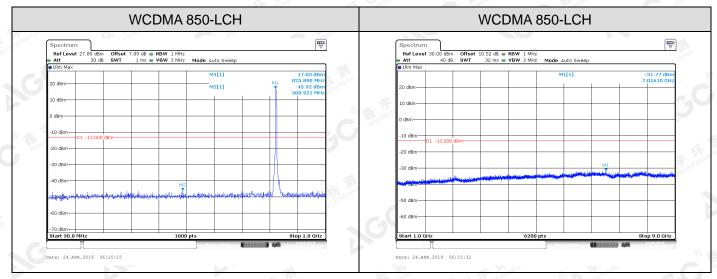


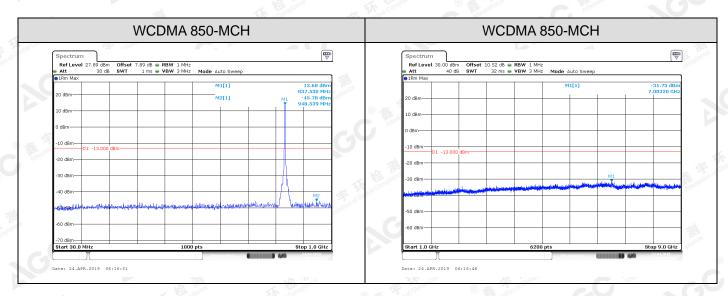


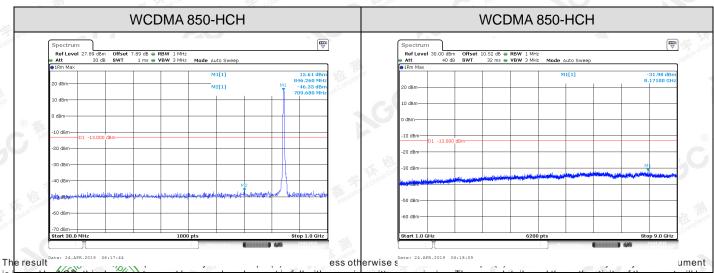
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Test Band=WCDMA850/WCDMA1900

Test Mode=UMTS

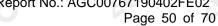


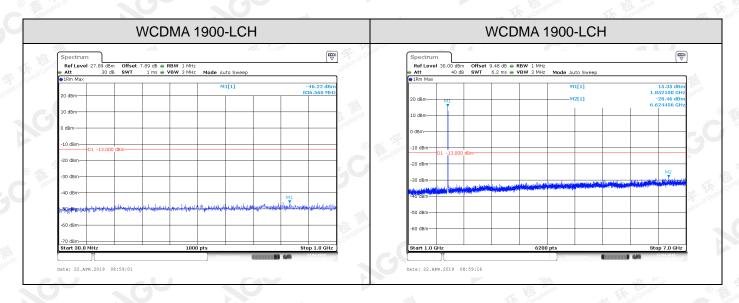


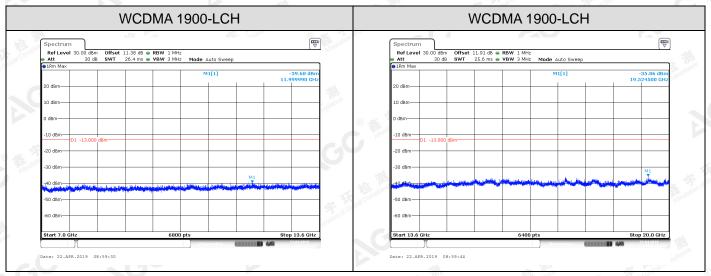


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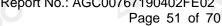


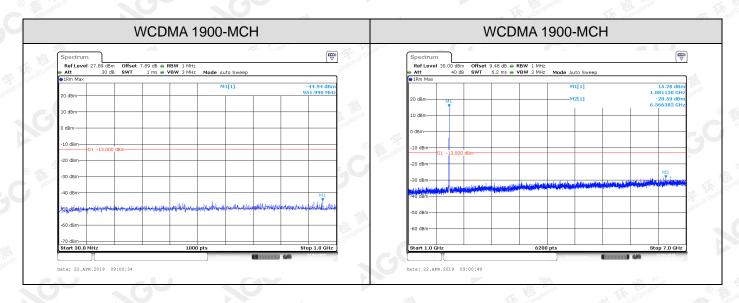


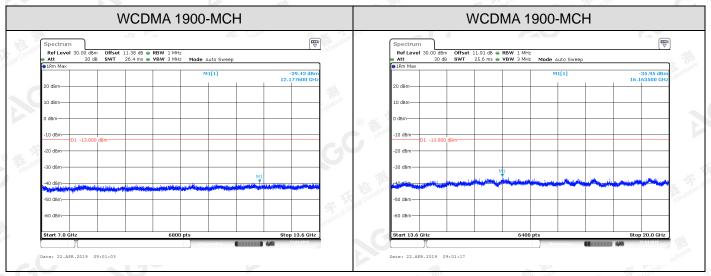






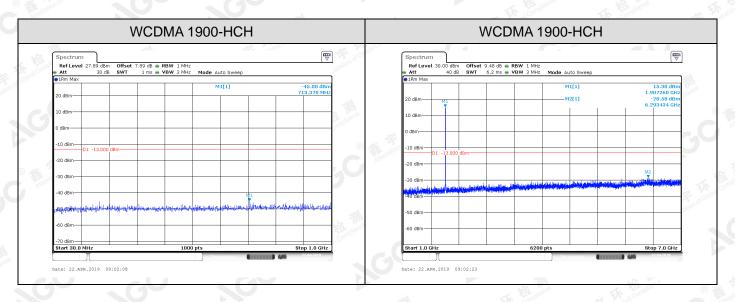


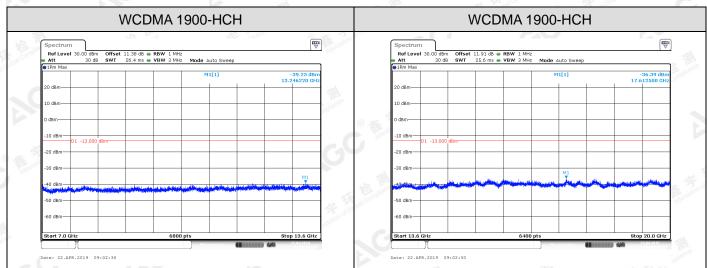






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Note: 1. Below 30MHZ no Spurious found and Above is the worst mode data.

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.
- 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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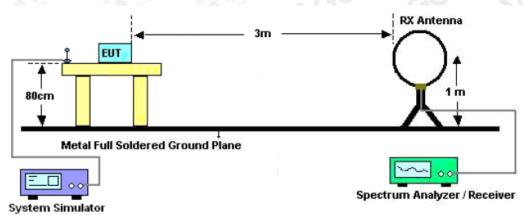
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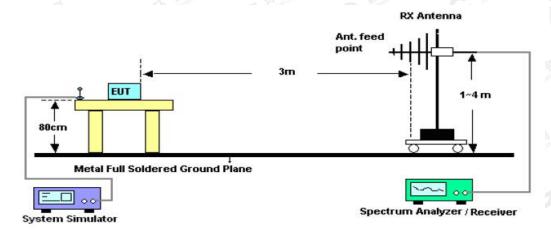
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9.2.2 TEST SETUP

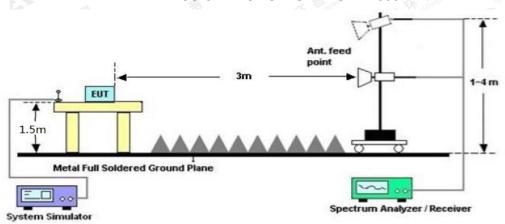
Radiated Emission Test-Setup Frequency Below 30MHz



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 R	esults for Chan	nel 251/848.8 MHz	
Frequency	Emission Level	Limits	Margin	Commant
(MHz)	(dBm)	(dBm)	(dB)	Comment
1967.60	-49.13	-13	-36.13	Horizontal
3056.17	-47.14	-13	-34.14	Horizontal
6739.25	-45.53	-13	-32.53	- Horizontal
1967.60	-48.66	-13	-35.66	Vertical
3426.04	-46.68	-13 <u></u>	-33.68	Vertical
6534.14	-45.38	-13	-32.38	Vertical

GSM 850(EDGE 8):

,					
	The Worst Test R	Results for Chann	nel 251/848.8 MHz		
Frequency	Emission Level	Limits	Margin	Commont	
(MHz)	(dBm)	(dBm)	(dB)	Comment	
1967.60	-49.15	-13	-36.15	Horizontal	
3246.33	-48.21	-13	-35.21	Horizontal	
6718.12	-47.40	-13	-34.40	Horizontal	
1967.60	-49.46	-13	-36.46	Vertical	
3569.44	-47.23	-13	-34.23	Vertical	
6153.09	-46.50	-13	-33.50	Vertical	



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PCS 1900:

The Worst Test Results for Channel 810/1909.8MHz								
Frequency	Emission Level	Limits	Margin	Comment				
(MHz)	(dBm)	(dBm)	(dB)	Comment				
1456.52	-49.10	-13	-36.10	Horizontal				
3819.60	-47.96	-13	-34.96	Horizontal				
7456.18	-45.75	-13	-32.75	Horizontal				
1462.12	-48.35	-13	-35.35	Vertical				
3819.60	-47.50	-13	-34.50	Vertical				
6946.19	-46.09	-13	-33.09	Vertical				

PCS 1900(EDGE):

The Worst Test Results for Channel 810/1909.8MHz								
Frequency	Emission Level	Limits	Margin	Comment				
(MHz)	(dBm)	(dBm)	(dB)	Comment				
1694.52	-50.60	-13	-37.60	Horizontal				
3819.60	-49.80	-13	-36.80	Horizontal				
7041.59	-47.61	-13	-34.61	Horizontal				
1746.11	-50.35	-13	-37.35	Vertical				
3819.60	-49.63	-13	-36.63	Vertical				
7028.52	-48.53	-13	-35.53	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				
1619.05	-45.61	-13	-32.61	Horizontal				
3815.20	-45.07	-13	-32.07	Horizontal				
7563.28	-43.90	-13	-30.90	Horizontal				
1596.28	-46.06	-13	-33.06	Vertical				
3815.20	-45.41	-13	-32.41	Vertical				
7436.55	-43.10	13 ° 4	-30.10	Vertical				

HSPA band V:

The Worst Test Results for Channel 4233/846.6MHz									
Frequency	Emission Level	Limits	Margin	Cammant					
(MHz)	(dBm)	(dBm)	(dB)	Comment					
1693.20	-47.48	-13	-34.48	Horizontal					
2856.58	-47.22	-13	-34.22	Horizontal					
5943.17	-45.57	-13	-32.57	Horizontal					
1693.20	-46.45	-13	-33.45	Vertical					
2139.77	-45.54	-13	-32.54	Vertical					
5894.32	-45.04	-13 °	-32.04	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°C.
- 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.
- 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:

. roqueriey	1631	0 - 11.3							
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	Verdict	
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	verdict	
O	liji:	litis	TN	VL	7.10	0.008614	±2.5	PASS	
新·		LCH	TN	VN	5.49	0.006661	±2.5	PASS	
3 Allestation of Glov		of Globa	TN	VH	7.36	0.008930	±2.5	PASS	
/ <g< td=""><td></td><td></td><td>TN</td><td>VL</td><td>10.91</td><td>0.013041</td><td>±2.5</td><td>PASS</td></g<>			TN	VL	10.91	0.013041	±2.5	PASS	
GSM850	GSM	MCH	TN	VN	6.33	0.007566	±2.5	PASS	
® #		R T T	TN ®	VH	8.72	0.010423	±2.5	PASS	
CC *		Attestall	TN	VL	8.59	0.010120	±2.5	PASS	
	No.		НСН	TN	VN	11.30	0.013313	±2.5	PASS
Itter			TN	VH	13.04	0.015363	±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
15		To King July	TN	VL	5.17	0.006273	±2.5	PASS
	® 45th	LCH	TN	VN	3.87	0.004695	±2.5	PASS
	EC MILES		TN	VH	6.33	0.007680	±2.5	PASS
	-11		TN	VL	6.46	0.007722	±2.5	PASS
GSM850	EDGE	MCH	TN	VN	8.65	0.010339	±2.5	PASS
	Filou of Glops,	Rife station of	TN	VH	2.58	0.003084	±2.5	PASS
	. C		TN	VL	8.33	0.009814	±2.5	PASS
		HCH	TN	VN	3.68	0.004336	±2.5	PASS
	- 4	K Global Compiles	TN	VH	6.33	0.007458	±2.5	PASS

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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	
Clopal Co.	of Global Com	GO M	TN	VL	17.69	0.009561	PASS
C Milestell		LCH	TN	VN	25.63	0.013853	PASS
	<u>M</u>	litte:	TN	VH	28.99	0.015669	PASS
DOO	inco	1 MCH	TN	VL *	16.79	0.008931	PASS
PCS	GSM		TN	VN	13.11	0.006973	PASS
1900			TN	VH	14.33	0.007622	PASS
	T KET DILLION	極	M TN	VL	27.38	0.014337	PASS
® #	on of Global Coli.	HCH	TN	VN	24.92	0.013048	PASS
CC Allesto	a.C	Allestation	TN	VH	25.31	0.013253	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Verdict
Band	Mode	Channel	Temp.	Volt. (V)	(Hz)	(ppm)	
O Alle	lation of	CO	TN	VL	18.08	0.009772	PASS
		LCH	TN	VN	21.76	0.011761	PASS
The state of the s	000	下 校 河	TN	VH 🦠	17.50	0.009458	PASS
PCS	© 5 4	A Global	TN	VL	14.21	0.007559	PASS
Allesia	EDGE	MCH	TN	VN	11.95	0.006356	PASS
1900	lin:		™TN	VH	15.82	0.008415	PASS
	The Compliance	亚 环。	TN	VL VL	20.79	0.010886	PASS
C AMERICAN	of Globe.	HCH	TN	VN	22.47	0.011766	PASS
CO "	G'		TN	VH	21.24	0.011122	PASS

Note: Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very samll. As such it is determined that channels at the band edge would remain in-band when the maximum measured frequency deviation noted duing the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

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Frequency Error vs. Temperature:

	Dillo		-						
	Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/a ndiat
	Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	(ppm)	Verdict
100	Bloody Co.	* Ot Clopal Count	- C3C	VN	-10	9.81	0.011902	±2.5	PASS
	Alleste			VN	0	8.07	0.009791	±2.5	PASS
9			litte	VN	10	5.68	0.006892	±2.5	PASS
	GSM850	GSM	LCH	VN	20	6.65	0.008068	±2.5	PASS
	Allestation of Gh		of Glove	VN	30	7.49	0.009088	±2.5	PASS
	\G			VN	40	6.13	0.007438	±2.5	PASS
			3	VN	50	3.75	0.004550	±2.5	PASS
3	® 4%	Jion of Global Cons	(P) The state of Global	VN ®	-10	7.30	0.008726	±2.5	PASS
	CC THE		Allestano	VN	0	5.10	0.006096	±2.5	PASS
A				VN	10	10.27	0.012276	±2.5	PASS
	GSM850	GSM	MCH	VN	20	5.68	0.006789	±2.5	PASS
1	KE THE		lauce ®	VN	30	6.52	0.007793	±2.5	PASS
ofC	S A		(G)	VN	40	7.30	0.008726	±2.5	PASS
	CO			VN	50	7.55	0.009025	±2.5	PASS
	15	111)	T KET STILL OF	VN	-10	10.46	0.012323	±2.5	PASS
6	THE OF THE STATE O		For of Global Control	VN	0	11.43	0.013466	±2.5	PASS
(8)	Affestation			VN	10	8.65	0.010191	±2.5	PASS
	GSM850	GSM	НСН	VN	20	11.17	0.013160	±2.5	PASS
lin			- F	VN	30	10.07	0.011864	±2.5	PASS
lan	® ###		® Alfestation of Alfestation of	VN	40	9.75	0.011487	±2.5	PASS
	CO M			VN	50	9.81	0.011557	±2.5	PASS



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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/a.v.al: a.t
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	(ppm)	Verdict
(B) The	Fn of Global Comm	~ GC	VN	-10	9.62	0.011672	±2.5	PASS
	70,		VN	0	10.85	0.013164	±2.5	PASS
	LUE:	litiz:	VN	10	9.30	0.011284	±2.5	PASS
GSM850	EDGE	DGE LCH	VN	20	10.53	0.012776	±2.5	PASS
	® ##	of Glove	VN	30	7.23	0.008772	±2.5	PASS
			VN	40	-0.71	-0.000861	±2.5	PASS
	在 按正理		VN	50	3.03	0.003676	±2.5	PASS
® 45kg	alion of Global Co	R F Glob	VN ®	-10	6.20	0.007411	±2.5	PASS
		Allestation	VN	0	6.13	0.007327	±2.5	PASS
			VN	10	3.10	0.003705	±2.5	PASS
GSM850	EDGE	MCH	VN	20	2.78	0.003323	±2.5	PASS
	不知	eliatice ®	VN	30	8.91	0.010650	±2.5	PASS
	estation of G	GU	VN	40	12.01	0.014356	±2.5	PASS
			VN	50	11.30	0.013507	±2.5	PASS

12.85

2.45

5.29

8.85

8.20

5.88

6.46

0.015139

0.002886

0.006232

0.010426

0.009661

0.006927

0.007611

±2.5

±2.5

±2.5

±2.5

 ± 2.5

±2.5

±2.5

PASS

PASS

PASS

PASS

PASS

PASS

PASS

-10

0

10

20

30

40

50

VN

VN

VN

VN

VN

VN

VN

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GSM850

EDGE

HCH



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0.013085

0.013797

0.014876

0.017107

0.012813

PASS

PASS

PASS PASS

Test Freq.Error Test Test Test Test Freq.vs.rated Verdict Band Mode Channel Volt. Tem. (°C) (Hz) (ppm) VN -10 21.37 0.011550 **PASS** VN 0 22.79 0.012318 **PASS** VN 10 20.40 0.011026 **PASS PCS** 22.28 0.012042 **PASS GSM** LCH VN 20 1900 VN 20.73 0.011204 **PASS** 30 VN **PASS** 40 21.18 0.011447 **PASS** VN 16.85 0.009107 50 VN -10 16.01 0.008516 **PASS** VN 0.008894 **PASS** 16.72 0 VN 10 11.95 0.006356 **PASS PCS PASS** VN 20 17.11 0.009101 **GSM** MCH 1900 VN **PASS** 30 12.40 0.006596 VN 18.73 0.009963 **PASS** 40 VN **PASS** 50 14.46 0.007691 **PASS** VN -10 16.72 0.008755 VN 0 25.76 0.013488 **PASS PASS**

10

20

30

40

50

24.99

26.35

28.41

32.67

24.47

VN

VN

VN

VN

VN

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IGC 8

PCS

1900

GSM

HCH



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J.W. Walco.			Alles			litre (III):	\
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Verdict
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	verdict
K Kingland	下校 测	® ## station of Cl	VN	-10	40.03	0.021635	PASS
	Glopal Count	-,C	VN	0	37.52	0.020279	PASS
			VN	10	38.61	0.020868	PASS
GSM1900	EDGE	LCH	VN	20	37.45	0.020241	PASS
	水	inpliance (8)	VN	30	39.91	0.021571	PASS
	@ ## Attestation of Glov	100	VN	40	26.28	0.014204	PASS
\G(\)			VN	50	38.42	0.020765	PASS
	Karminos Alli	THE JUNE	VN	-10	37.65	0.020027	PASS
	Of Clopal Con	For Global Comp	VN	0 0	33.64	0.017894	PASS
	CC *	selation C	VN	10	17.76	0.009447	PASS
GSM1900	EDGE	MCH	VN	20	11.11	0.005910	PASS
	1711	Tr.	VN	30	31.12	0.016553	PASS
	E The KE Compliance	® Allestation of Gills	VN	40	27.89	0.014835	PASS
	ion of G		VN	50	15.50	0.008245	PASS
100			VN	-10	28.54	0.014944	PASS
	1	HE maliance @	VN	0 🥌	24.02	0.012577	PASS
	® # Jon of Glot	al con-	VN	10	19.05	0.009975	PASS
GSM1900	EDGE	HCH	VN	20	9.69	0.005074	PASS
	-1111	III;	VN	30	28.48	0.014913	PASS
	Ch a Compliance	E The top compliance	VN	40	42.23	0.022112	PASS
® A station	Copy, ®	Attestation of C.	VN	50	7.10	0.003718	PASS

Note: Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very samll. As such it is determined that channels at the band edge would remain in-band when the maximum measured frequency deviation noted duing the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperture and voltage range as tested.

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Frequency Error vs. Voltage:

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/a nali at
Band	Sand Mode C		Temp.	Volt.(V)	(Hz)	(ppm)	(ppm)	Verdict
Slopal Co.	Glopal Coun.	LCH TS MCH HCH	TN	VL	-0.46	-0.00056	±2.5	PASS
a C			TN	VN	-1.31	-0.00159	±2.5	PASS
			TN	VH	-1.08	-0.00131	±2.5	PASS
The Manual Compliant	_ 1		TN	VL	1.36	0.001626	±2.5	PASS
WCDMA850	UMTS		TN	VN	0.55	0.000658	±2.5	PASS
' GC	A Cochal Compliance		TN	VH	2.70	0.003228	±2.5	PASS
CC # ST.			TN	VL	0.46	0.000543	±2.5	PASS
			TN	VN	4.52	0.005339	±2.5	PASS
	a.C	Allestans	TN	VH	2.93	0.003461	±2.5	PASS

Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Verdict
Band	Mode	Channel	Temp.	Volt.(V)	(Hz)	(ppm)	Verdict
(8) Affectation of			TN	VL	-8.83	-0.00477	PASS
		LCH	TN	VN	-12.18	-0.00658	PASS
	1	HE TOWNERS	TN	VH ®	-6.90	-0.00372	PASS
	D A I I I I I I I I I I I I I I I I I I		TN	VL	-10.89	-0.00579	PASS
WCDMA1900	UMTS	MCH	TN	VN	-7.83	-0.00416	PASS
	-711		NT	VH	-4.67	-0.00248	PASS
	Compliance	The Kill Comp	TN	VL	-8.70	-0.00456	PASS
	8	HCH	TN	VN	-5.68	-0.00298	PASS
	CO		TN	VH	-6.79	-0.00356	PASS

Note: Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very samll. As such it is determined that channels at the band edge would remain in-band when the maximum measured frequency deviation noted duing the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

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Frequency Error vs. Temperature:

VIII.		-						
Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Limit	\/ord:=+
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	(ppm)	Verdict
Glopal Co.	Glopal Count	CC	VN	-10	6.04	0.007309	±2.5	PASS
Alliestation			VN	0	2.55	0.003086	±2.5	PASS
	4	litir	VN	10	-22.43	-0.02714	±2.5	PASS
WCDMA850	UMTS	LCH	VN	20	-0.21	-0.00025	±2.5	PASS
Allestation of Gab	8) ## Front of Co	9000	VN	30	-2.66	-0.00322	±2.5	PASS
(GC	1		VN	40	1.17	0.001416	±2.5	PASS
	KEL THE	A.	VN	50	-0.53	-0.00064	±2.5	PASS
® ##	UMTS	MCH	VN	-10	2.67	0.003192	±2.5	PASS
CC Mesta			VN	0	-1.19	-0.00142	±2.5	PASS
			VN	10	1.05	0.001255	±2.5	PASS
WCDMA850			VN	20	-1.57	-0.00188	±2.5	PASS
Compliance			VN	30	1.85	0.002212	±2.5	PASS
Open (8) Alfeste			VN	40	6.33	0.007568	±2.5	PASS
(C)			VN	50	3.66	0.004376	±2.5	PASS
111	G A STATE OF THE S	Kar Dilance	VN	-10	-4.53	-0.00535	±2.5	PASS
The of Clobal Compiler		тѕ нсн	VN	0	0.17	0.000201	±2.5	PASS
WCDMA850			VN	10	3.45	0.004075	±2.5	PASS
	UMTS		VN	20	2.69	0.003177	±2.5	PASS
	Y Compliance		VN	30	3.66	0.004323	±2.5	PASS
® ## Hestallon	Glops.	® Attestation of C.	VN	40	5.54	0.006544	±2.5	PASS
60	(G)		VN	50	4.94	0.005835	±2.5	PASS

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Test	Test	Test	Test	Test	Freq.Error	Freq.vs.rated	Verdict
Band	Mode	Channel	Volt.	Tem. (°C)	(Hz)	(ppm)	Voluiot
E ME Julianos	TIM STATES	® A station	VN	-10	-10.12	-0.00546	PASS
Global Con	Court	-, G	VN	0	-10.86	-0.00586	PASS
C Arestan			VN	10	-6.03	-0.00326	PASS
WCDMA1900	UMTS	LCH	VN	20	-8.44	-0.00456	PASS
The Normaliance	环境	impliance	VN	30	-11.49	-0.0062	PASS
3 Allestation of Co.	Affectation of Glob		VN	40	-7.05	-0.00381	PASS
\GC			VN	50	-6.30	-0.0034	PASS
	Kar Dilance	按到1000	VN	-10	-11.76	-0.00626	PASS
® # John of Gib	© #	Food Global Company	VN	0	-8.00	-0.00426	PASS
	CC T	estano C	VN	10	-6.91	-0.00368	PASS
WCDMA1900	UMTS	МСН	VN	20	-6.18	-0.00329	PASS
-711		20.	VN	30	-2.21	-0.00118	PASS
Conditance	lobal Compliance	® ## anons	VN	40	-4.06	-0.00216	PASS
obe (S. Alfestation of Alfestation of S.		50	VN	50	-8.90	-0.00473	PASS
			VN	-10	-3.75	-0.00197	PASS
11	76	* TIN	VN	0 %	-8.83	-0.00463	PASS
J. Or Global Compile	See Jation of Glor	arco	VN	10	-3.56	-0.00187	PASS
WCDMA1900	UMTS	нсн	VN	20	-5.07	-0.00266	PASS
	Mir		≬ VN	30	-9.89	-0.00518	PASS
抓	Compliance	The topal comple	VN	40	-5.91	-0.0031	PASS
(C) The station of Clobs	8	Artestation of	VN	50	-9.90	-0.00519	PASS

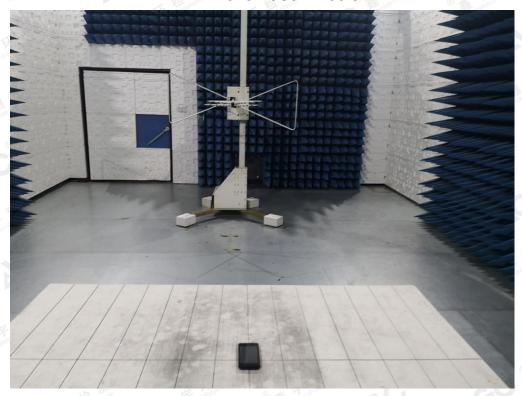
Note: Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very samll. As such it is determined that channels at the band edge would remain in-band when the maximum measured frequency deviation noted duing the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperture and voltage range as tested.



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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED SPURIOUS EMISSION



RADIATED SPURIOUS ABOVE 1G EMISSION



----END OF REPORT----

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