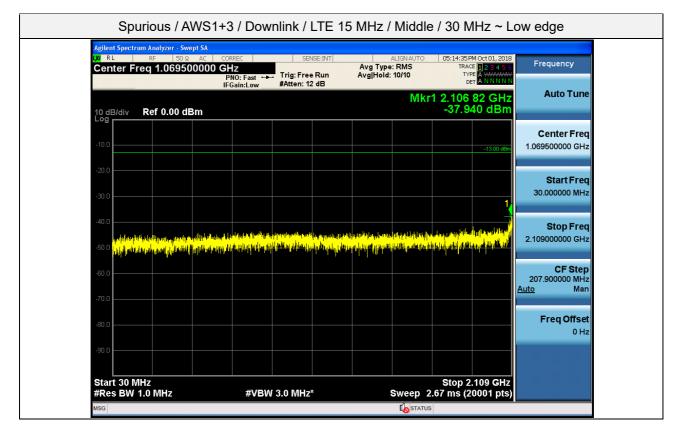


Agilent Spectrum Analyzer		OTHER, WIT	ALIGNAUTO	05:14:19 PM Oct 01, 2018	
Center Freq 15.07		SENSE:INT Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A NNNNN	
10 dB/div Ref 0.00				Mkr1 667 kHz -39.187 dBm	Auto Tune
-10.0					Center Freq 15.075000 MHz
-30.0				-33.00 dBm	Start Freq 150.000 kHz
-40.0					Stop Freq 30.000000 MHz
-60.0	and definite letters for a second				CF Step 2.985000 MHz <u>Auto</u> Man
-70.0	a tha an the part of the standard at the standard standard standard standard standard standard standard standard	di Manana ya Kata na kata na kata na kata kata na kata kat	yn den allen sid de sid flende allefan de staden bester en s Yn de en yn yn yn arwen ar yn yn yn yn arwen (de sy'n yn	y den standel forderek er følse på det se følse for eller var for eller som en som en som en som en som en som Ny for på folgenska som en s	Freq Offset
-90.0					

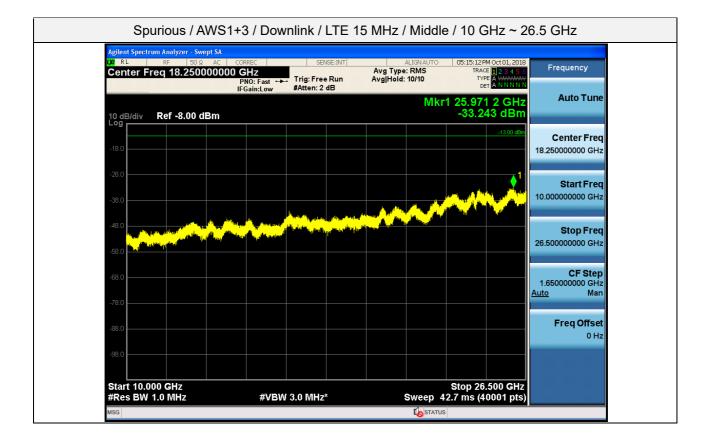




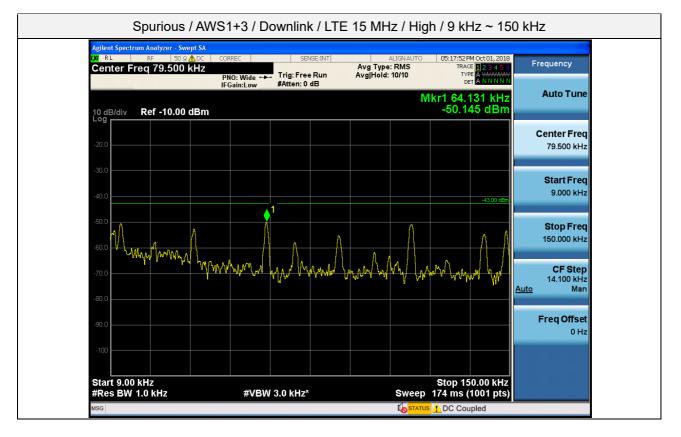
Agilent Spectrum Analyzer - Swept SA (X) RL RF 50Ω AC		E:INT ALIGN AUTO	05:14:53 PM Oct 01, 2018	
Center Freq 6.09050000		Avg Type: RMS Run Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A NNNNN	Frequency
10 dB/div Ref 0.00 dBm	IFGain:Low #Auen. 12		kr1 2.181 4 GHz -37.101 dBm	Auto Tune
-10.0			-13.00 dBm	Center Freq 6.090500000 GHz
			-13.00 dBm	
-20.0				Start Freq
-30.0				2.181000000 GHz
-40.0		an land an		Stop Freq
-50.0 AND AND A STRUCTURE AND A ST	and the second			10.000000000 GHz
-60.0				CF Step
-00.0				781.900000 MHz <u>Auto</u> Man
-70.0				
-80.0				Freq Offset
				0 Hz
-90.0				
Start 2.181 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Sween	Stop 10.000 GHz 13.3 ms (20001 pts)	





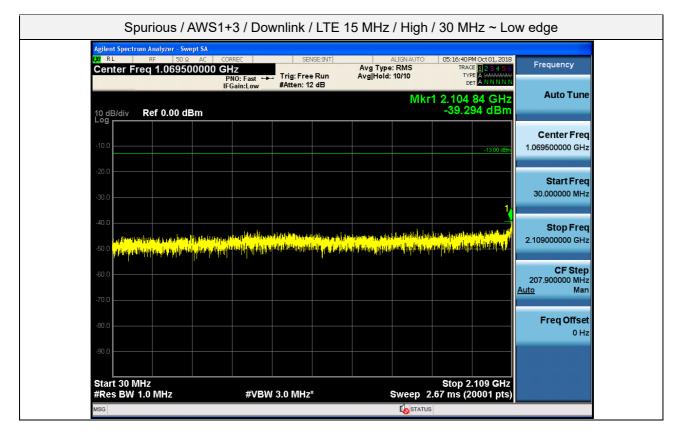






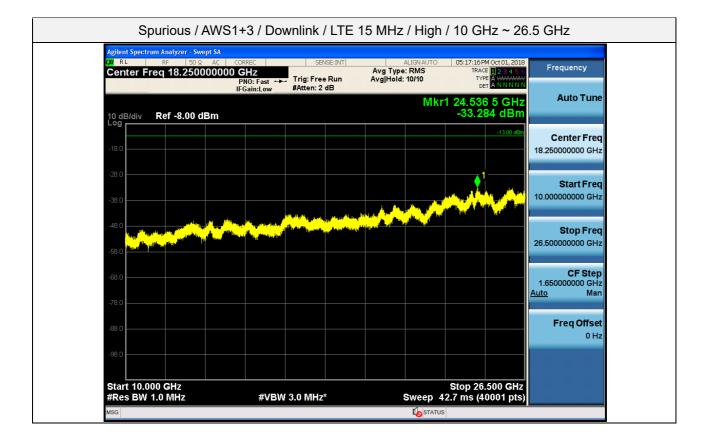
Agilent Spectrum Analyzer - Swep IXI RL RF 50Ω		omu	ISE:INT		LIGN AUTO	05,10,000	M Oct 01, 2018	
Center Freq 15.07500	OMHz PNO: Fast ↔		Run	Avg Type Avg Hold:	RMS	TRAC	CE 1 2 3 4 5 6 PE A 444444	Frequency
	IFGain:Low	#Atten: 10				Mkr1	667 kHz 04 dBm	Auto Tune
10 dB/div Ref 0.00 dBr	n					-40.0		
-10.0								Center Freq 15.075000 MHz
								10.070000 MHZ
-20.0								Start Freq
-30.0							-33.00 dBm	150.000 kHz
-40.0								
-40.0								Stop Freq 30.000000 MHz
-50.0								
-60.0								CF Step
	มหมายในราก สาวารร				d no ca		- 6.4	2.985000 MHz <u>Auto</u> Man
-70.0								
-80.0								Freq Offset 0 Hz
-90.0								0112
Start 150 kHz						Stop 3	0.00 MHz 6001 pts)	



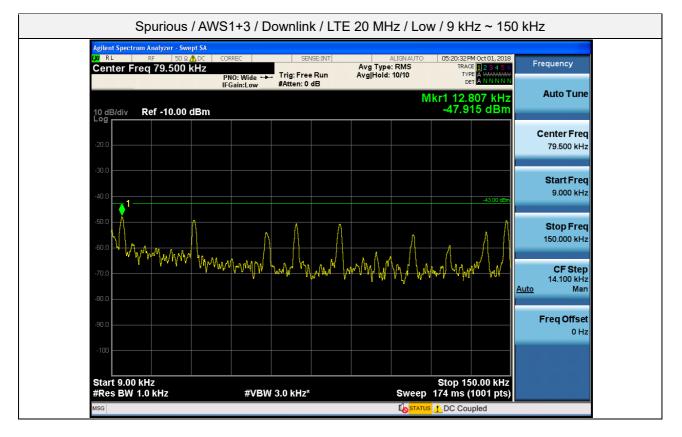


Agilent Spectrum Analyzer - Swept SA	CORREC SENS	SE:INT ALIGN AUTO	05:19:39PM Oct 01, 2018	
Center Freq 6.090500000		Avg Type: RMS	TRACE 123456 TYPE A WARMAN	Frequency
	IFGain:Low #Atten: 14		_{Det} <u>annnn</u> 1kr1 2.181 0 GHz	Auto Tune
10 dB/div Ref 0.00 dBm		IV	-17.202 dBm	
				Center Freq
-10.0			-13.00 dBm	6.090500000 GHz
-20.0				
-30.0				Start Freq 2.181000000 GHz
		and a faller a marte		
-40.0	a para kana pangangan kana pangan kana pangan kana pangan kana kana kana kana kana kana kana	i den de la constante de la con Antes de la constante de la cons		Stop Freq
-50.0	Hyper I.			10.000000000 GHz
-60.0				CF Step
				781.900000 MHz <u>Auto</u> Man
-70.0				
-80.0				Freq Offset 0 Hz
-90.0				
Start 2.181 GHz			Stop 10.000 GHz 13.3 ms (20001 pts)	



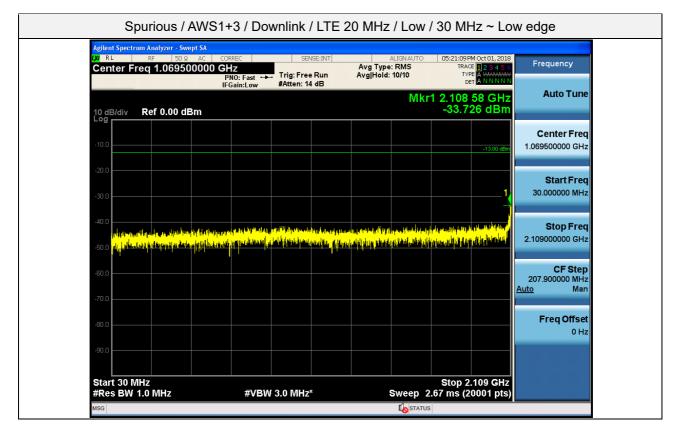






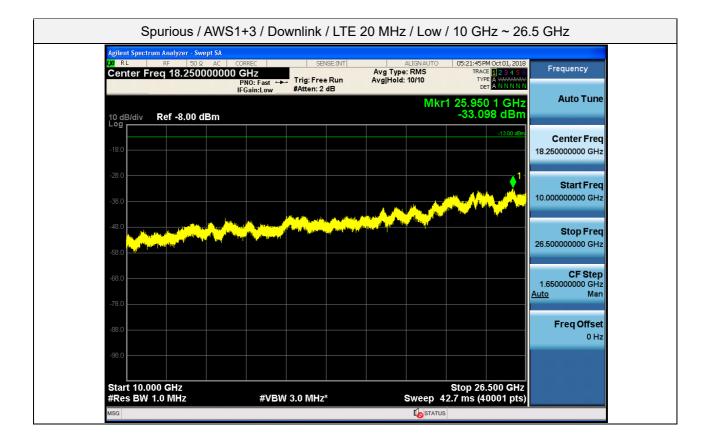
Agilent Spectrum Analyzer - 3	SweptSA DΩALDC CORRE	=c	CE1	ISE:INT		ALIGN AUTO	05:20:538	M Oct 01, 2018	
Center Freq 15.07	5000 MHz	:Fast ↔⊷			Avg Type Avg Hold:	RMS	TRAC		Frequency
		in:Low	#Atten: 10) dB				593 kHz	Auto Tune
10 dB/div Ref 0.00	dBm							68 dBm	
Log									Center Freq
-10.0									15.075000 MHz
-20.0									
-30.0									Start Freq 150.000 kHz
1								-33.00 dBm	
-40.0									Stop Freq
-50.0									30.000000 MHz
-60.0									CF Step
	. ا. ه. ر. بار مسرطالقان	منام المرام	a						2.985000 MHz <u>Auto</u> Man
-70.0				dhaladh a dhalan Na Dhun Allan			datan data data Programsia	an in this shi ha a shi	
-80.0									Freq Offset 0 Hz
-90.0									0112
Start 150 kHz #Res BW 10 kHz			30 kHz*				Stop 3	0.00 MHz 6001 pts)	



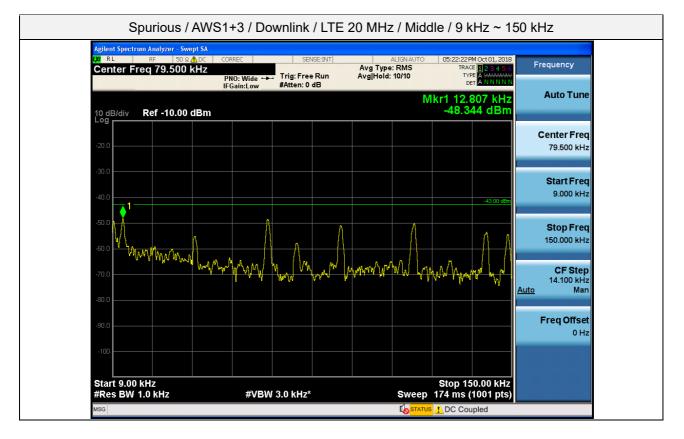


Agilent Spectrum Analyzer - Swept SA	500055			
M RL RF 50Ω AC Center Freq 6.09050000			05:21:27 PM Oct 01, 2018 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	Frequency
10 dB/div Ref 0.00 dBm			kr1 9.496 1 GHz -38.965 dBm	Auto Tune
				Center Freq
-10.0			-13.00 dBm	6.090500000 GHz
-20.0				
-30.0				Start Freq 2.181000000 GHz
			↓ 1	
-40.0		an di kana sa mangan kana sa mangan Kana kana sa mangan ka	14 h	Stop Freq 10.000000000 GHz
-50.0 and hill all all all and a state of the second state of the				10.000000000 GHz
-60.0				CF Step 781.900000 MHz
-70.0				<u>luto</u> Man
				Freq Offset
-80.0				0 Hz
-90.0				
Start 2.181 GHz			Stop 10.000 GHz	



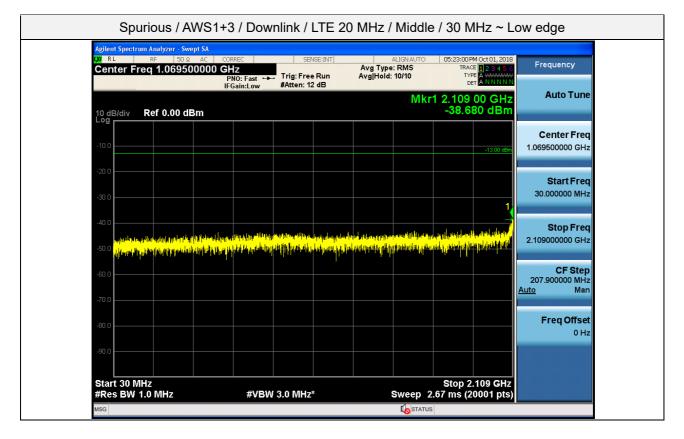






Agilent Spectrum Analyzer - Swept SA LXI RL RF 50 Ω ▲ DC	CORREC SENSE:IN	ALIGNAUTO	05:24:17 PM Oct 01. 2018	
Center Freq 15.075000 I		Avg Type: RMS	TRACE 123456 TYPE A WWWWW DET A N N N N N	Frequency
	IFGain:Low #Attent to do		Mkr1 667 kHz -40.439 dBm	Auto Tune
10 dB/div Ref 0.00 dBm				
-10.0				Center Freq 15.075000 MHz
-20.0				
-30.0			-33.00 dBm	Start Freq 150.000 kHz
1			-33.00 GBM	
-40.0				Stop Freq 30.000000 MHz
-50.0				
-60.0				CF Step 2.985000 MHz <u>Auto</u> Man
	eksenteksi bili dalah olamata dalam di periodi yang bertang dalam di periodi yang bertang bertang bertang berta Periodi kanang bertang b	it i house and a star of the star is a star in the star is the base way and the star is the star way in the star is a star in the star is a star in the star is a star in the star i		
-80.0				Freq Offset
				0 Hz
-90.0				
Start 150 kHz #Res BW 10 kHz			Stop 30.00 MHz 368 ms (6001 pts)	

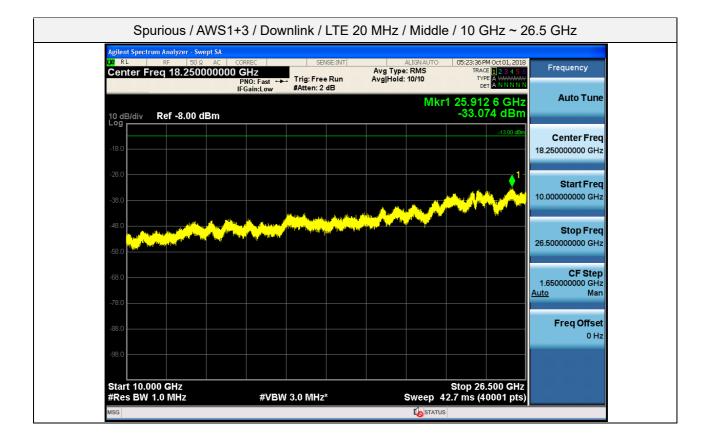




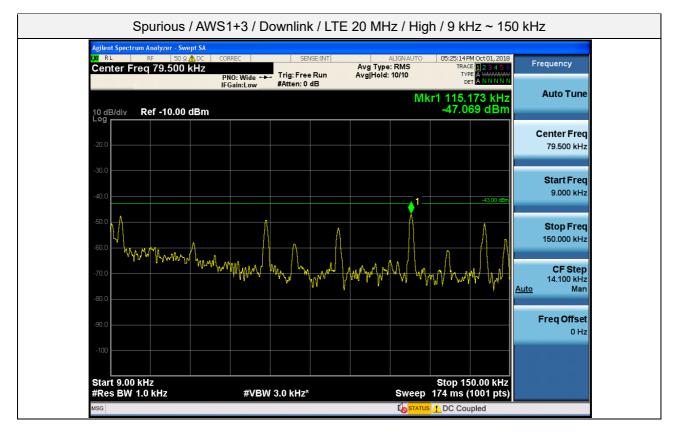
-80.0					Freq Offse 0 H
-70.0					781.900000 MH Auto Mar
	<mark>hadla at an </mark>			andre allen mitter	CF Ster
-40.0	inne han yn gegener fe fan fan fan ferster fan de ster fan de ster fan ferster fan ster fan de ster fan de ster	ing a start and a start of the	da balan dagan da katan da ka Na da katan d		Stop Frec
-20.0					Start Fred 2.181000000 GH;
-10.0				-13.00 dBm	Center Fred 6.090500000 GH;
10 dB/div Ref 0.00	IFGain:Low) dBm	#Atten: 12 dB	Mki	1 2.185 7 GHz -37.714 dBm	Auto Tune





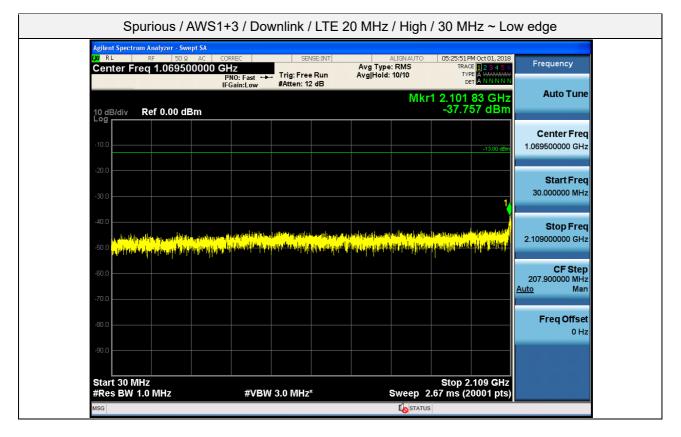






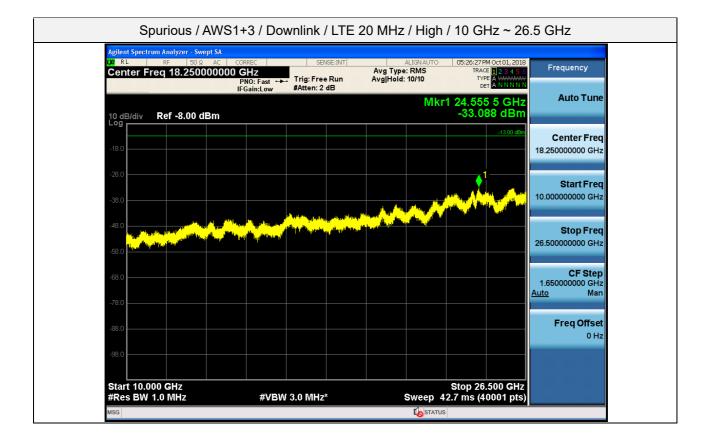
Agilent Spectrum Analyzer - Swept : 📈 RL RF 50 ହ 🧥 ସ				05-52-00.0M 0-+01-2010	
Center Freq 15.075000				05:53:08 PM Oct 01, 2018 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	Frequency
10 dB/div Ref 0.00 dBm	in Galilleow			Mkr1 598 kHz -35.583 dBm	Auto Tune
					Center Freq
-10.0					15.075000 MHz
-20.0					Start Freq 150.000 kHz
-30.0				-33.00 dBm	
-50.0					Stop Freq 30.000000 MHz
-60.0					CF Step
-70.0	ntentel a fill a fill a fillen bij verdige ander bij verdige Brown general fill a fillen bij verdige general fillen bij verdige fillen bij verdige fillen bij verdige fillen	tet al Mittania () and a la Mittania () of second	a a la da Papala da Ju	Na interated in the definition	2.985000 MHz <u>Auto</u> Man
-80.0	an a	an na she ta gana ing sa sa pina na sa	n kan ban kan kan kan kala kala sa	e janek terdő _e ltereği, sin Appeldikle es (éd) e	Freq Offset
-90.0					0 Hz





Agilent Spectrum Analyzer - Swept SA LXI RL RF 50 Ω AC 0	CORREC SENSE:INT	ALIGNAUTO	5:54:08 PM Oct 01, 2018	
Center Freq 6.090500000 C	Hz PN0: Fast ↔ Trig: Free Run	Avg Type: RMS Avg Hold: 10/10	TRACE 123456 TYPE A WWWWW DET A NNNNN	ency
	IFGain:Low#Atten: 14 dB	Mkr1		to Tune
10 dB/div Ref 0.00 dBm			-20.199 dBm	
				er Freq
-10.0			-13.00 dBm 6.090500	000 GHz
-20.0			Sta	art Freq
-30.0			2.181000	000 GHz
-40.0			stille stille sto	op Freq
-50.0			10.00000	-
-60.0				CF Step
			781.900 Auto	000 MHz Man
-70.0			E.C.	. Offeret
-80.0			Free	Offset 0 Hz
-90.0				







5.6. RADIATED SPURIOUS EMISSIONS

Test Requirements:

§ 2.1053 Measurements required: Field strength of spurious radiation.

(a) Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph (c) of §2.1049, as appropriate. For equipment operating on frequencies below 890 MHz, an open field test is normally required, with the measuring instrument antenna located in the far-field at all test frequencies. In the event it is either impractical or impossible to make open field measurements (e.g. a broadcast transmitter installed in a building) measurements will be accepted of the equipment as installed. Such measurements must be accompanied by a description of the site where the measurements were made showing the location of any possible source of reflections which might distort the field strength measurements. Information submitted shall include the relative radiated power of each spurious emission with reference to the rated power output of the transmitter, assuming all emissions are radiated from halfwave dipole antennas.

(b) The measurements specified in paragraph (a) of this section shall be made for the following equipment:

(1) Those in which the spurious emissions are required to be 60 dB or more below the mean power of the transmitter.

- (2) All equipment operating on frequencies higher than 25 MHz.
- (3) All equipment where the antenna is an integral part of, and attached directly to the transmitter.
- (4) Other types of equipment as required, when deemed necessary by the Commission.



Test Procedures:

Because KDB 935210 D05 procedure does not provide this requirement, measurements were in accordance with the test methods section 5.5 of ANSI C63.26-2015

a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.

b) Each emission under consideration shall be evaluated:

1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.

2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.

3) Return the turntable to the azimuth where the highest emission amplitude level was observed.

4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.

5) Record the measured emission amplitude level and frequency using the appropriate RBW.

c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.

Test Result:

Ch.	Frequency (MHz)	Measured Level (dBuV/m)	Measured Power (dBm)	Ant. Factor (dB/m)	C.L (dB)	A.G. (dB)	D.F. (dB)	Pol.	Result (dBm)
			No Critic	cal Peaks Fou	nd				

* C.L.: Cable Loss / A.G.: Ant. Gain / D.F.: Distance Factor (3.75 m)



6. Annex A_EUT AND TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-1810-FC016-P