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8.6.4 RESTRICTED BAND EDGES

Model Name	MIXSTREAM	Test By	Ted Huang
Temp & Humidity	25.6℃, 52%	Test Date	2021/04/01
Detect	or mode : Peak	Polarity : Hor	izontal

00			`					lainty	. 1101120110
	CH Low (802.11b MODE)								
💓 Keysight Sp	ectrum Analyzer - Swept S/	4							- 5 -
XI RL Start Fre	RF 50 Ω DO) GHz	SEN	SE:INT	Avg Type	ALIGN AUTO	12:42:46 PI TRAC	M Mar 29, 2021 E 1 2 3 4 5 6	Frequency
		PNO: Fast	Trig: Free	Run	Avg Hold:	>10/10	TYP	PPANNN	
		IFGain:Low	#riten. 20			M	4 0 200	00 CU-	Auto Tune
	Ref Offset 5.2 dB					WIK	60 60		
10 dB/div	Ref 122.19 dB	μν					00.08	a neha	
									Contor From
112									2 36500000 CH-
								\sim	2.30500000 GHZ
102									
102									Start Freg
								ł	2.310000000 GHz
92.2								1	
								1	
82.2									Stop Freq
							_لر	74.00 dBµ∨	2.420000000 GHz
72.2							1		L
						▲ 1 /	**		CE Ston
62.2	ساريد القور بمقيعة بقريس مقاطع	الدينية فرويد والمستحد		المقادر تحار لحاصوه	. المعرفة بروال	Mar Mar and			125.000000 MHz
Plane and	a na an	-the surface of Advances of Auffilia	dala a da - daharaha	and the first standard of a	and the statements				Auto <u>Man</u>
52.2									
									Exam Offent
42.2									FreqOffset
									0 Hz
32.2									
Start 2.3	1000 GHz						Stop 2.42	2000 GHz	
#Res BW	1.0 MHz	#VBW	3.0 MHz		#	Sweep 1	00.0 ms (1001 pts)	
MSG						STATUS	3		
						1	1		

Polarity : Horizontal Detector mode : Average CH Low (802.11b MODE) Keysight Spectrum Analyzer - Swept SA - 5 🗙 Markeysignin spectrum Markeysignin spectrum Start Freq 2.310000000 GHz PNO: Fast C→ IFGain:Low Trig: Free Run #Atten: 20 dB TO 12:46:10 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWHWWW DET P P A N N N SENSE:INT ALIGN AU #Avg Type: RMS Avg|Hold: 5/10 Frequency Mkr1 2.390 00 GHz 50.293 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div Log **Center Freq** 113 2.365000000 GHz 102 Start Freq 2.310000000 GHz 92.2 82. Stop Freq 2.420000000 GHz 72.3 CF Step 62.2 125.000000 MHz ito <u>Man</u> 54.00 dBj Auto **4**1 52.2 Freq Offset 42. 0 Hz 32.2 Stop 2.42000 GHz Sweep 8.577 s (1001 pts) Start 2.31000 GHz #VBW 10 Hz #Res BW 1.0 MHz STATUS ISG



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Detector mode : Average Polarity : Vertical CH Low (802.11b MODE) Keysight Spectrum Analyzer - Swept SA ALIGN AUTO 12:53:03 PM Mar 29, 2021 #Avg Type: RMS TRACE 1 2 3 4 5 6 Avg|Hold: 5/10 TYPE M WAY WWW DET P P A N N N SENSE:INT Start Freq 2.310000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.390 00 GHz 49.919 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.365000000 GHz 10 Start Freq 2.310000000 GHz 92.2 82. Stop Freq 2.420000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man **∳**¹-54.00 dBj 52. Freq Offset 42.2 0 Hz 32. Stop 2.42000 GHz Start 2.31000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 8.577 s (1001 pts) STATUS ISG



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Detector mode : Average Polarity : Horizontal CH High (802.11b MODE) Keysight Spectrum Analyzer - Swept SA TO 03:12:20 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWH WWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold:>10/10 Start Freq 2.450000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 52.089 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.475000000 GHz 10 Start Freq 2.45000000 GHz 92.2 82. Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS



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Detector mode : Average Polarity : Vertical CH High (802.11b MODE) 🚺 Keysight Spectrum Analyzer - Swept SA TO 03:05:59 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold:>10/10 Start Freq 2.450000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 50.256 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div Log **Center Freq** 112 2.475000000 GHz 10 Start Freq 2.45000000 GHz 92.2 82. Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS

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Detector mode : Average Polarity : Horizontal CH Low (802.11g MODE) Keysight Spectrum Analyzer - Swept SA TO 01:00:57 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWH WWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold: 7/10 Start Freq 2.310000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.390 00 GHz 52.427 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.365000000 GHz 10 Start Freq 2.310000000 GHz 92. 82. Stop Freq 2.420000000 GHz 72.2 CF Step 125.000000 MHz 62.2 **▲**¹ Auto Man 54.00 dBj 52. Freq Offset 42.2 0 Hz 32. Stop 2.42000 GHz Start 2.31000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 8.577 s (1001 pts) ISG STATUS



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De	Detector mode : Average					Pol	arity :	Vertical	
		CH	l Low (802.	11g N	IODE)		
鱦 Keysight S	pectrum Analyzer - Swep	ot SA	•						- 6 -
Start Fre	RF 50 Ω 2.3100000	DC OO GHz	SEN	SE:INT	#Avg Typ	ALIGN AUTO e: RMS	01:07:13 PM TRAC	Mar 29, 2021	Frequency
	-	PNO: Fast (IFGain:Low	#Atten: 20	dB	Avg Hold:	5/10	DE	PPANNN	Auto Tuno
10 dB/div	Ref Offset 5.2 (Ref 122.19 (dB ḋBµV				Mkr	1 2.390 50.15	00 GHz 0 dBµV	Auto Tune
									Center Freq
112									2.365000000 GHz
102									Start Fred
92.2									2.310000000 GHz
82.2								\sim	
02.2									Stop Freq 2.420000000 GHz
72.2									05.01
62.2									125.000000 MHz
52.2						●1	/	54.00 dBµV	Auto <u>Man</u>
42.2									Freq Offset
									0 Hz
32.2									
Start 2.3	1000 GHz	^	W 40 U-			C rucer	Stop 2.42	2000 GHz	
#Res BW	1.0 MHZ	#VB	WTUHZ			Sweep	8.977 S (1001 pts)	



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Detector mode : Average Polarity : Horizontal CH High (802.11g MODE) Keysight Spectrum Analyzer - Swept SA TO 02:53:51 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWH WWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold: 10/10 Start Freq 2.450000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 52.911 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.475000000 GHz 102 Start Freq 2.45000000 GHz 92.2 82.2 Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 **♦**¹ Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS



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Detector mode : Average Polarity : Vertical CH High (802.11g MODE) Keysight Spectrum Analyzer - Swept SA TO 03:00:10 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold: 6/10 Start Freq 2.450000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 50.485 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.475000000 GHz 10 Start Freq 2.45000000 GHz 92.2 82.2 Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS



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Detector mode : Average Polarity : Horizontal CH Low (802.11n HT20 MODE) Keysight Spectrum Analyzer - Swept SA TO 02:20:33 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE M WWW DET P P A N N N SENSE:INT Start Freq 2.310000000 GHz #Avg Type: RMS Avg|Hold:>10/10 Frequency IZ PNO: Fast → Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.390 00 GHz 53.034 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.365000000 GHz 10 Start Freq 2.310000000 GHz 92. 82. Stop Freq 2.420000000 GHz 72.2 CF Step 125.000000 MHz 62.2 **●**¹ Auto Man 54.00 dBj 52. Freq Offset 42.2 0 Hz 32. Stop 2.42000 GHz Start 2.31000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 8.577 s (1001 pts) STATUS ISG



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Detector mode : Average Polarity : Vertical CH Low (802.11n HT20 MODE) Keysight Spectrum Analyzer - Swept SA - # I TO 02:31:13 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold: 9/10 Start Freq 2.310000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.390 00 GHz 50.362 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.365000000 GHz 102 Start Freq 2.310000000 GHz 92. 82. Stop Freq 2.420000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man 54.00 dBj **≜**¹-52. Freq Offset 42.2 0 Hz 32. Stop 2.42000 GHz Start 2.31000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 8.577 s (1001 pts) STATUS ISG



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Detector mode : Average Polarity : Horizontal CH High (802.11n HT20 MODE) Keysight Spectrum Analyzer - Swept SA TO 02:37:45 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWWW DET P P A N N N SENSE:INT ALIGN AU #Avg Type: RMS Avg|Hold: 6/10 Start Freq 2.450000000 GHz Frequency IZ PNO: Fast → Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 52.611 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.475000000 GHz 102 Start Freq 2.45000000 GHz 92.2 82.2 Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 ١ Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS



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Report No.: T210303N01-RP1



Detector mode : Average Polarity : Vertical CH High (802.11n HT20 MODE) Keysight Spectrum Analyzer - Swept SA - # I TO 02:47:55 PM Mar 29, 2021 TRACE 1 2 3 4 5 6 TYPE MWWW DET P P A N N N SENSE:INT #Avg Type: RMS Avg|Hold:>10/10 Start Freq 2.450000000 GHz Frequency IZ PNO: Fast → Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 50 GHz 50.426 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.475000000 GHz 10 Start Freq 2.45000000 GHz 92.2 82.2 Stop Freq 2.500000000 GHz 72.2 CF Step 125.000000 MHz 62.2 Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz Start 2.45000 GHz #Res BW 1.0 MHz #VBW 10 Hz Sweep 3.899 s (1001 pts) ISG STATUS



Bluetooth 5.0

Model Name	MIXSTREAM	Test By	Ted Huang
Temp & Humidity	31.9℃, 51%	Test Date	2021/06/02

	Det	ector r	mode	: Peal	ĸ				Po	larity	: Horizonta
				C⊦	l Low	(GFS	SK MO	DDE)		
鱦 Ke	ysight Spe	ctrum Analyzer - Sv	wept SA			•					
Star	∟ rtFreo	RF 50 S	2 DC 0000 GHz		SEI	NSE:INT	#Avg Typ	ALIGN AUTO e: RMS	12:56:19 PI TRAC	4 Jun 02, 2021 E 1 2 3 4 5 6	Frequency
			P IF(NO: Fast 🕞 Gain:Low	Trig: Free #Atten: 2	eRun 0dB	Avg Hold:	>10/10	TYF	PE MWMWWW T P P A N N N	1
		Ref Offset 5.	2 dB					Mkr	1 2.390 0	00 GHz	Auto Tune
10 di Log	B/div	Ref 122.19	9 dBµV					-	59.26	8 dBµV	
_											Center Freq
112											2.358500000 GHz
102										Λ	
										1	Start Freq
92.2		-									2.31000000 GHz
82.2											
										74.00 dBuv	Stop Freq 2.40700000 GHz
72.2											
62.2									▲1		CF Step
02.2	water	la have a shared and a second	han han pressive restored	hotosian an a	hoved product and the		way the south of the	harmon	and when the plat	al N	2.48000000 GHz Auto Man
52.2											
42.2											Freq Offset
42.2											0 Hz
32.2	<u> </u>										
Star	t 2.310	000 GHz						-	Stop 2.40	0700 GHz	
#Re	s BW 1	1.0 MHz		#VBW	3.0 MHz		#	Sweep	100.0 ms (1001 pts)	
MSG								STAT	05		

Detector mode : Average Polarity : Horizontal

				CHL	.OW	(GFS	SK MO	DDE)		
🗾 Ke	ysight Spec	trum Analyzer - S	wept SA								- 6 -
Star	t Frec	RF 50	Ω DC 0000 GHz	Tr	SENS	SE:INT	#Avg Type	ALIGN AUTO E: RMS	12:57:06 PM TRAC	I Jun 02, 2021 E 1 2 3 4 5 6	Frequency
10 di	B/div	Ref Offset 5 Ref 122.1	.2 dΒ 9 dΒμV	NO: Fast () Gain:Low #A	Atten: 20	dB	Avginoid.	Mkr1	2.390 0 50.58	00 GHz 5 dBμV	Auto Tune
112											Center Freq 2.358500000 GHz
102 92.2										\square	Start Freq 2.310000000 GHz
82.2											Stop Freq 2.407000000 GHz
62.2									▲1	54.00 dEµV	CF Step 2.48000000 GHz Auto <u>Man</u>
52.2	*****							بور و بعداده و بندو م		با ل	
42.2											Freq Offset 0 Hz
32.2											
Star #Re	t 2.310 s BW 1	000 GHz 1.0 MHz		#VBW 5.1	kHz		#:	Sweep 1	Stop 2.40 00.0 ms (1700 GHz 1001 pts)	
MSG								STATU	5		

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Polarity : Vertical Detector mode : Average CH Low (GFSK MODE) M Reysight Spectrum resources and the second secon Keysight Spectrum Analyzer - Swept SA - 6 💌 SENSE:INT
 ALIGN AUTO
 12:52:44 PM Jun 02, 2021

 #Avg Type: RMS
 TRACE [1:2] 3 4 5 6

 Avg|Hold:>10/10
 TRPE M WAY

 DET [P P A NN N
Frequency Auto Tune Mkr1 2.390 000 GHz 50.610 dBµV Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div Log **Center Freq** 112 2.358500000 GHz 102 Start Freq 2.31000000 GHz 92.2 82.2 Stop Freq 2.407000000 GHz 72. CF Step 62.2 2.480000000 GHz Man uto 54.00 dBu 1_ 52. Freq Offset 42 0 Hz 32. Stop 2.40700 GHz #Sweep 100.0 ms (1001 pts) Start 2.31000 GHz #Res BW 1.0 MHz #VBW 5.1 kHz STATUS



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Detector mode : Average Polarity : Horizontal CH High (GFSK MODE) Keysight Spectrum Analyzer - Swept SA
 ALIGN AUTO
 01:05:12 PM Jun 02, 2021

 #Avg Type: RMS
 TRACE
 1 [2] 3 4 5 6

 Avg[Hold:>10/10
 TVPE M MM WWW
 DET
SENSE:INT Start Freq 2.475000000 GHz Frequency 1Z PNO: Fast → Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 500 GHz 52.528 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.487500000 GHz 10 Start Freq 2.475000000 GHz 92.2 82. Stop Freq 2.500000000 GHz 72.2 CF Step 2.48000000 GHz 62.2 Auto Man 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz #Sweep 100.0 ms (1001 pts) Start 2.47500 GHz #Res BW 1.0 MHz #VBW 5.1 kHz ISG STATUS



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Detector mode : Average Polarity : Vertical CH High (GFSK MODE) Keysight Spectrum Analyzer - Swept SA ALIGN AUTO 01:10:23 PM Jun 02, 2021 #Avg Type: RMS TRACE 1 2 3 4 5 6 Avg|Hold:>10/10 TYPE M WAY WWW DET P P A N N N SENSE:INT Start Freq 2.475000000 GHz Frequency PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Mkr1 2.483 500 GHz 51.607 dBµV Auto Tune Ref Offset 5.2 dB Ref 122.19 dBµV 10 dB/div **Center Freq** 112 2.487500000 GHz 10 Start Freq 2.475000000 GHz 92.2 82. Stop Freq 2.500000000 GHz 72.2 CF Step 2.48000000 GHz 62.2 Auto Man .1 54.00 dBµ 52. Freq Offset 42.2 0 Hz 32. Stop 2.50000 GHz #Sweep 100.0 ms (1001 pts) Start 2.47500 GHz #Res BW 1.0 MHz #VBW 5.1 kHz ISG STATUS



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8.7 POWERLINE CONDUCTED EMISSIONS

<u>LIMITS</u>

§ 15.207 (a) Except as shown in paragraph (b) and (c) this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

The lower limit applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted	limit (dBµv)
	Quasi-peak	Average
0.15 - 0.5	66 to 56	56 to 46
0.5 - 5	56	46
5 - 30	60	50

TEST EQUIPMENTS

The following test equipments are used during the conducted power line tests :

	Conducted Emission room #1										
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due						
BNC Coaxial Cable	CCS	BNC50	11	01/21/2021	01/20/2022						
EMI Test Receiver	R&S	ESCI	100782	06/24/2020	06/23/2021						
LISN	FCC	FCC-LISN-50-32-2	08009	06/30/2020	06/29/2021						
LISN	SCHWARZBECK	NNLK8130	8130124	01/15/2021	01/14/2022						
Pulse Limiter	R&S	ESH3-Z2	100116	01/21/2021	01/20/2022						
Software		e3(6.101222)									



TEST SETUP



TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80cm above the horizontal ground plane. The EUT IS CONFIGURED IN ACCORDANCE WITH ANSI C63.10.

The resolution bandwidth is set to 9 kHz for both quasi-peak detection and average detection measurements.

Line conducted data is recorded for both NEUTRAL and LINE.



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TEST RESULTS

No non-compliance noted.

Model No.	MIXSTREAM	Test Mode	Normal Operation
Environmental Conditions	26.6℃, 70% RH	Resolution Bandwidth	9 kHz
Tested by	Leo Wang		

Line

(The chart below shows the highest readings taken from the final data.)





Model No.	MIXSTREAM	Test Mode	Normal Operation
Environmental Conditions	26.6℃, 70% RH	Resolution Bandwidth	9 kHz
Tested by	Leo Wang		

Neutral

(The chart below shows the highest readings taken from the final data.)





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9. ANTENNA REQUIREMENT

9.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.2 ANTENNA CONNECTED CONSTRUCTION

Type: WLAN EMBEDDEN ANTENNA Model: WLA-EM-1707-0064-B Manufacturer: BRITO Gain: 4.6 dBi

=== END of Report ===