

Test Mode	Test Channel	Verdict
11AX20	НСН	PASS
Spectrum Analyzer 1 + Channel Fower Input I? 50 0 RL → Aggn Auto Correctors. Off I Graph Scale/Div 10.0 dB Log 0 10 0 20 0 30.0 0 400 0 20 0	#PNO Fast #F Gan Low Radio Stit None 2 45203000 GH2 Ref Lvi Offset 8.73 dB GPA 40.000 MHz C Step 0.0000 MHz Auto Man Freq Offset 0 Hz #Video BW 3.0000 MHz Span 40 MHz Hz #Video BW 3.0000 MHz Span 40 MHz #Sweep Time 100 ms (1001 pts)	ettings



7.4. POWER SPECTRAL DENSITY

LIMITS

FCC Part15 (15.247) Subpart C, ISED RSS-247			
Section Test Item Limit Frequency Range (MHz)			
FCC §15.247 (e) ISED RSS-247 5.2 (b)	Power Spectral Density	8 dBm/3 kHz	2400-2483.5

TEST PROCEDURE

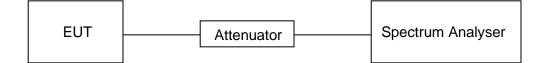
Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	3 kHz ≤ RBW ≤100 kHz
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP





TEST ENVIRONMENT

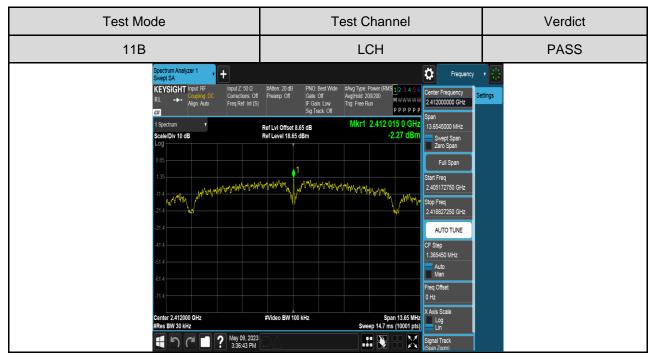
Temperature	22.3℃	Relative Humidity	47.8%
Atmosphere Pressure	102.1kpa	Test Voltage	AC120V/60Hz

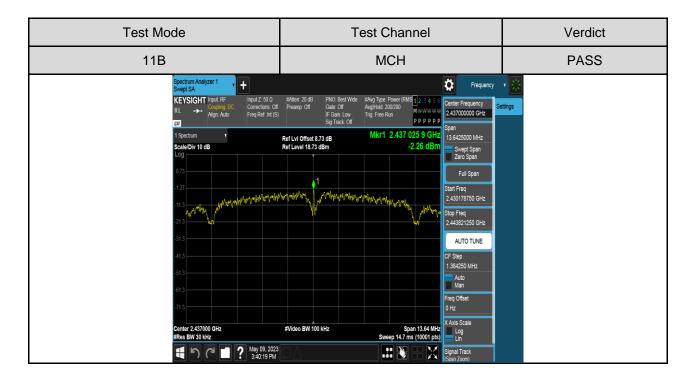
TEST RESULTS TABLE

Test Mode	Test Channel	Maximum Peak power spectral density (dBm/30kHz)	Result
	LCH	-2.27	Pass
11B	MCH	-2.26	Pass
	HCH	-2.71	Pass
	LCH	3.06	Pass
11G	MCH	2.99	Pass
	HCH	2.46	Pass
	LCH	2.86	Pass
11N HT20	MCH	3.14	Pass
	HCH	2.64	Pass
	LCH	-0.17	Pass
11N HT40	MCH	0.21	Pass
	HCH	-0.05	Pass
	LCH	-3.19	Pass
11AX20	MCH	-1.74	Pass
	HCH	-3.66	Pass



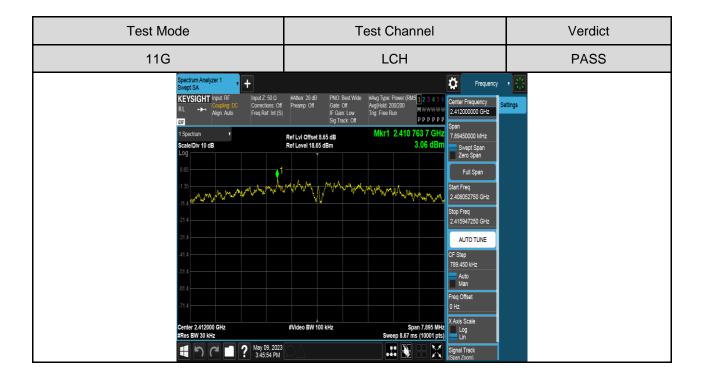
TEST GRAPHS





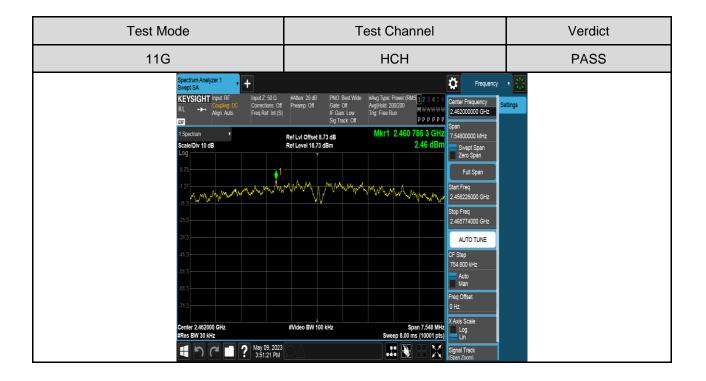


Test Mode	Test Channel	Verdict
11B	НСН	PASS
Spectrum Analyzer 1 + Single SA Finder SP KEYSIGHT Input IP Input IP RL → Argin Audo Connections: Off I Spectrum * ScaleDiv 10 dB Log 127 - -113 - -213 - -127 - -13 - -13 - -13 - -13 - -13 - -13 - -13 - -13 - -13 - -14 - -15 - -16 - -17 - -18 - -19 - -113 - -127 - -13 - -13 - -14 - -15 - -16 - -17 - -18 -	IF Cant. Low Sig Track. Off Trig: Free Run MWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	stings



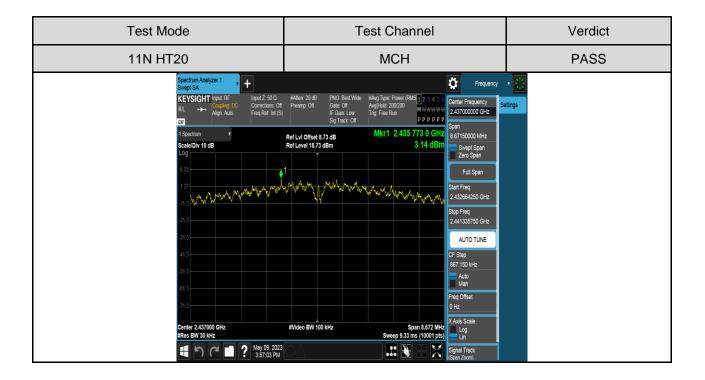


Test Mode	Test Channel	Verdict
11G	МСН	PASS
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF RL Aggin Auto U 1 Spectrum ScaleDiv 10 dB Log 073 1 Spectrum ScaleDiv 10 dB Log 073 1 Spectrum ScaleDiv 10 dB Log 073 1 Spectrum Center 2 A37000 GHz #Res BW 30 kHz I May 09, 2023 3 dB 40 PM	IF Claim Low Sig Track: Off Ting: Free Run MWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	ettings



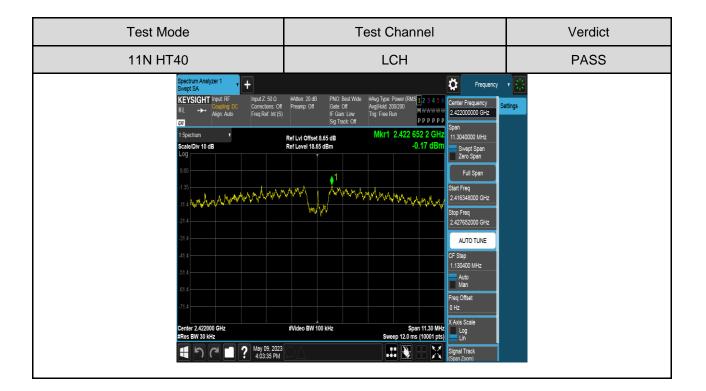


Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS
Spectrum Analyzer 1 + Sinept SA Input RF RL → Augn Audo Correctors: Officient etc. 1 Spectrum 1 Spectrum ScaleDiv 10 dB Log 1.1 - -1.1 -	IF Claim Low Sig Track Off Ting: Free Run MWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	ettings



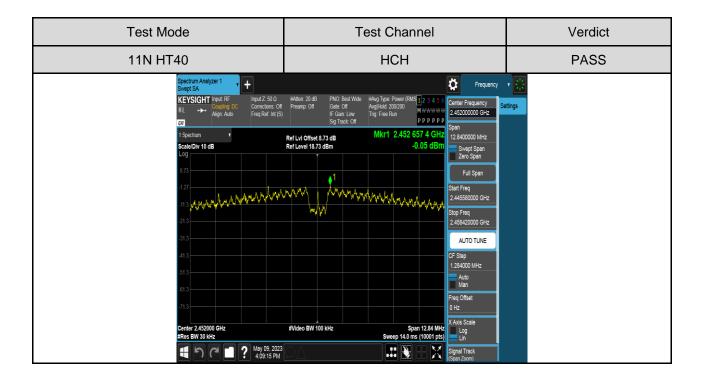


Test Mode	Test Channel	Verdict
11N HT20	НСН	PASS
Spectrum Analyzer 1 + Swept SA Input RF RL → Comestions coll I Spectrum I Scale/Div 10 dB Comestions coll Log I 127 I 133 I 143 I 15 I 16 I 17 I 18 I I I	IF Gam. Low Sig Track: 01 Trig: Free Run Sig Track: 01 WWWWW P P P P P P Sig 2.46200000 GHz Ref Lvi Offset 8.73 dB 2.461 GBm 0.3335000 MHz 10.3335000 MHz Ref Lvi Offset 8.73 dB 2.64 GBm Svept Span 2.45600250 GHz Junder Sig Track: 01 9.9 P P P P P P P Svept Span Pull Span 2.385000 MHz Junder Sig Track: 01 9.9 P P P P P Svept Span Pull Span Svept Span Junder Sig Track: 01 9.9 P P P P P P P P P P P Pull Span Svept Span Junder Sig Track: 01 9.9 P P P P P P Pull Span Start Freq 2.456003250 GHz Start Freq 2.456003250 GHz Junde Tunk 9.9 P P P P P P P P P P P P P P P P P P	Petings



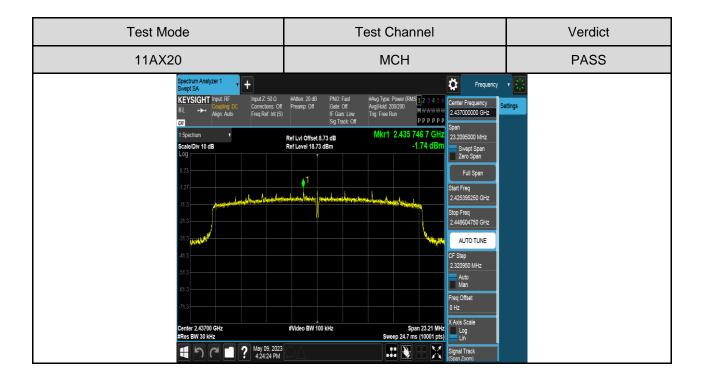


Test Mode	Test Channel	Verdict
11N HT40	MCH	PASS
Spectrum Analyzer 1 + Swept SA Input RF RL → Augn Audo Correctors Office Ref. Int (S) 1 Spectrum 1 Spectrum ScaleDiv 10 dB Log 127 113 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 127 13 128 13 129 141 127 13 128 141 13 151 13 151 14 151 151 151 151	IF Gan. Low Sig Track. Off Trig: Free Run NUMMWAY 2.43700000 GHz Ref Lvi Offset 8.73 dB Mkr1 2.434 531 2 GHz Span 15.136500 MHz Ref Level 18.73 dB 0.21 dBm System Span 2.42700000 GHz VMVM 0.24 dBm 0.21 dBm System Span 2.429 Span System Span 2.428 Span 2.429 Span System Span System Span 2.429 Span Statt Freq 2.429431750 GHz Statt Freq 2.429431750 GHz MUTO TUNE CF Stap 1.5136500 MHz Man Man Man Freq Offset Man Man Freq Offset Man Freq Offset Man Sweep 16.0 ms (10001 pts) Lig	fings



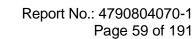


Test Mode	Test Channel	Verdict
11AX20	LCH	PASS
Spectrum Analyzer 1 + Swept SA Imput RF RL → Connectors. Off I Spectrum I 1 Spectrum I ScaleDiv 10 dB I Log I 11 4 I 12 4 I 13 4 I 14 4 I 15 4 I 16 4 I 17 4 I I Spectrum I I I Spectrum I I I I I I I I I I I I I I I I I I I I	IF Cant. Low Sig Track. Off Trig: Free Run M.WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	tings





Test Mode	Test Channel	Verdict
11AX20	НСН	PASS
Spectrum Analyzer 1 + Swept SA Financi RF RL → RL → Argin Audo Correctories Off Pic Perform * ScaleDby 10 dB Log * 1 Spectrum * ScaleDby 10 dB Log * 113 * 127 * 113 * 127 * 13 * 127 * 13 * 127 * 13 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *	IF Cant. Low Sig Track. Off Trig: Free Run MWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	stings





7.5. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

FCC Part15 (15.247) Subpart C, RSS-247			
Section Test Item Limit			
FCC §15.247 (d)Conducted30 dB below that in the 100 kHz bandwidthRSS-247 Clause 5.5Bandedge andwithin the band that contains the highestRSS-GEN Clause 6.13Spurious Emissionslevel of the desired power			

TEST PROCEDURE

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

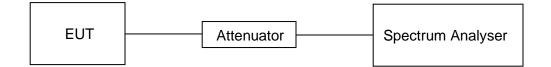
Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	100K
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum PSD level.

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100K
VBW	≥3 × RBW
measurement points	≥span/RBW
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum amplitude level.

TEST SETUP





TEST ENVIRONMENT

Temperature	22.3℃	Relative Humidity	47.8%
Atmosphere Pressure	102.1kpa	Test Voltage	AC120V/60Hz

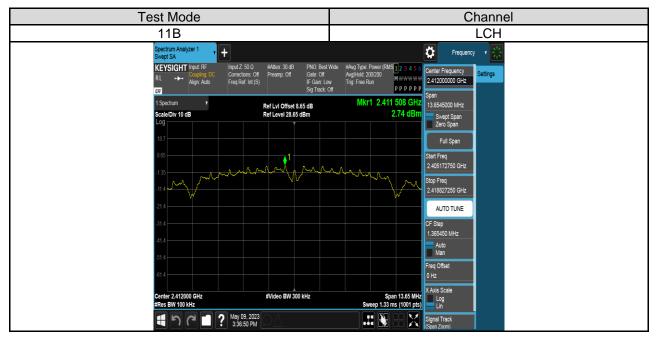
PART 1: REFERENCE LEVEL MEASUREMENT

TEST RESULTS TABLE

Test Mode	Test Antenna	Channel	Pref(dBm)	Puw(dBm)	Verdict
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20 Antenna 1	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11AX20	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS



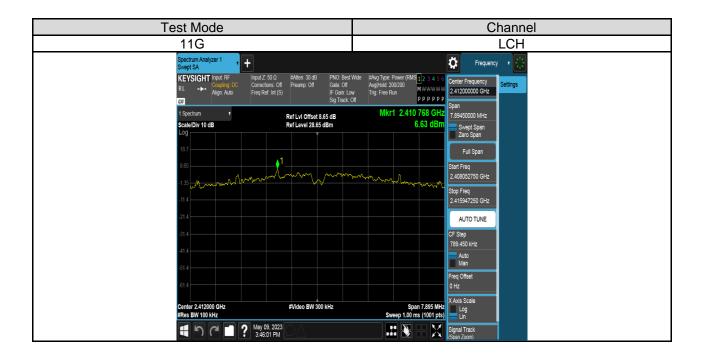
TEST GRAPHS





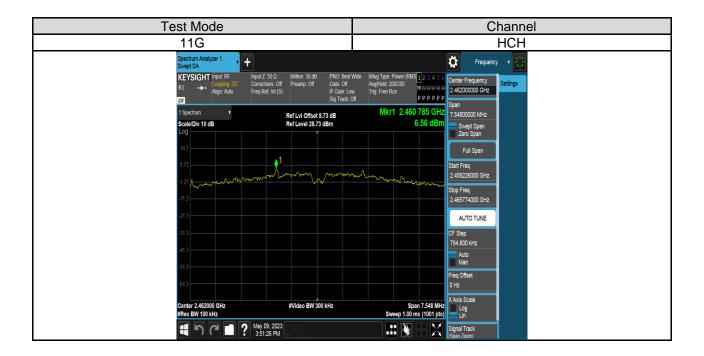


Test Mode		Channel
11B		НСН
oweption	+	Frequency •
KEYSIGHT Input RF RL →→ Cooping DC Align: Auto	Input Z: 50 Ω #Atten: 30 dB PNO: Best W Corrections: Off Preamp. Off Gate: Off Freq Ref: Int (S) IF Gain: Low Sig Track: Off	Avgilioid: 200200 MWWWWW 2.452000000 GHz
1 Spectrum V Scale/Div 10 dB Log	Ref Lvi Offset 8.73 dB Ref Level 28.73 dBm	Mkr1 2.462 532 GHz 2.35 dBm 246500000 MHz Zero Span
107 8.73 -1.27 	manna Juna	Full Span Start Freq 2.455175000 GHz Stop Freq
-113 -213 -313		AUTO TUNE CF Step
413		1 365000 MHz Auto Man
-613 Center 2.462000 GHz	#Video BW 300 kHz	Freq Offset 0 Hz Span 13.65 MHz XAXis Scale
#Res BW 100 kHz	May 09, 2023 A	Sweep 1.33 ms (1001 pts) Sweep 1.33 ms (1001 pts) Signal Track Isignal Zoom)





Test Mode		Channel	
11G		MCH	
Spectrum Analyzer 1 Swept SA KEVSIGHT Input RF RL → Align Auto	C Corrections: Off Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low		
1 Spectrum v Scale Div 10 dB Log	Sig Track O Ref Lvi Offset 8.73 dB Ref Level 28.73 dBm	Span Span Mkr1 2.438 276 GHz 6.73 dBm Svept Span Zero Span Zero Span	
187 873 -127 -113 -213 -213	boom	Full Span Start Freq 2.43202750 GHz Stop Freq 2.440797250 GHz AUTO TUNE CF Step	
413 413 413 613 Center 2.437000 GHz #Res BW 100 kHz	#Video BW 300 kHz	Image: Constraint of the second sec	
	May 09, 2023 3:48:47 PM	📰 💽 🖿 🔀 Signal Track (Span Zoom)	





Test Mode		Channel
11N HT20		LCH
onepron		Frequency 1
KEYSIGHT input RF RL →→ Align Auto		Avg/Hold 200200 Center Frequency Settings w Ting Free Run P
1 Spectrum v Scale/Div 10 dB Log	Ref LvI Offset 8.65 dB Ref Level 28.65 dBm	Mkr1 2.413 350 GHz Span 5.67 dBm Svept Span Svept Span
18.7		Full Span
-1.35	munum	Start Freq 2 4/08249250 GHz Stop Freq
-11.4 -21.4		2.415750750 GHz AUTO TUNE
-31.4		CF Step 750.150 KHz Auto
-51.4		Freq Offset 0 Hz
Center 2.412000 GHz #Res BW 100 kHz	#Video BW 300 kHz	Span 7.502 MHz Sweep 1.00 ms (1001 pts)
4 5 C 1	May 09, 2023 3:54:18 PM	📰 💽 🖶 🔀 Signal Track Istan Zoomi





Test Mode		Channel
11N HT20		НСН
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF RL → Cooping DC Agr. Auto	#Atten: 30 dB PNO: Best Wide #Avg Type: Power (RMS 1 2 3 4 5 6	Center Frequency Center Frequency Settings
1 Spectrum	Ref Lvi Offset 8.73 dB Mkr1 2.461 408 GHz Ref Level 28.73 dBm 5.18 dBm 5.18 dBm	Span 10.3335000 MHz Swept Span Zero Span
187 873 -127 -113	many many have	Full Span Start Freq 2.456803250 GHz Stop Freq 2.457196750 GHz
213 313 413 513		AUTO TUNE CF Step 1033350 MHz Auto Man
-61 3 Center 2.462000 GHz Res BW 100 kHz	#Video BW 300 kHz Span 10.39 MHz Sweep 1.00 ms (1001 pts)	Freq Offset 0 Hz XAxis Scale Log Ln Signal Track (Sean Zoom)

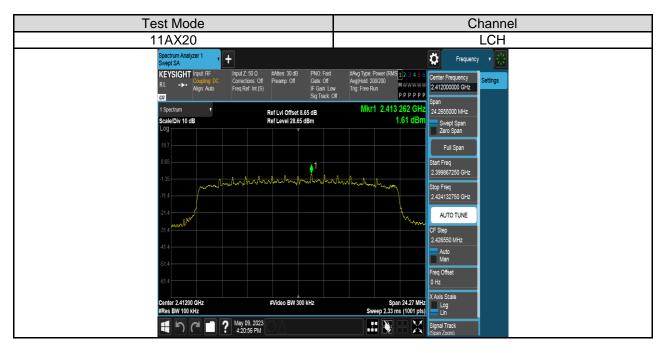




Test Mode	Channel
11N HT40	MCH
Spectrum Analyzer 1 + Swept SA KEYSIGHT knput RF RL →→ Align Auto KEYSIGHT coupling DC Align Auto	AugH-kid: 200/200 W Ting Free Run P P P P P P P P P P P P P P P P P P P
1 Spectrum Y Ref Lvi Offset 8.73 dB Scale/Div 10 dB Ref Level 28.73 dBm	Mkr1 2.436 410 GHz Span 51 155 156 <th100< <="" td=""></th100<>
187 873 -127 -113 houlonty who have have have have have have have have	Full Span Start Freq 2.429431750 GHz Stop Freq 2.44566250 GHz
213	AUTO TUNE CF Step 1.513650 MHz Auto Man
-513 -613 Center 2,437000 GHz #Video BW 300 kHz #Res BW 100 kHz	Span 15.14 MHz Lgg Sweep 1.47 ms (1001 pts) Lin
	📰 💽 🛛 🔀 Signal Track (Span Zoom)











Test Mode	Channel
11AX20	НСН
Spectrum Analyzer 1 , +	Frequency 🔹 🔆
KEYSIGHT Input RF Input 2: 50.0 #Attent RL →→ Counting BC Councilons: Off Preamp RU →→ Align: Auto Freq Ref. Int (S) Freq Ref. Int (S)	IF Gain: Low Trig: Free Run P P P P P P P P P P P P P P P P P P P
	vl Offset 8.73 dB Mkr1 2.463 292 GHz 26 35900 MHz evel 28.73 dBm 1.66 dBm Swept Span
18.7	FullSpan
127	Start Freq 2.448820250 GHz
-11.3	Stop Freq 2.475179750 GHz
213 313 million with	AUTO TUNE
-41.3	2 63990 MHz
613	Freq Offset 0 Hz
Center 2.46200 GHz #Video #Res BW 100 kHz	leo BW 300 kHz Span 26.36 MHz Log Sweep 2.53 ms (1001 pts) Lin
4 5 1 1 1 1 1 1 1 1 1 1	Signal Track Sken Zoom



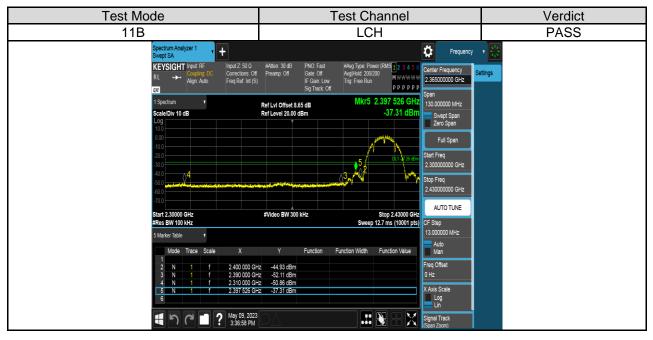
PART 2: CONDUCTED BANDEDGE

TEST RESULTS TABLE

Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
110	LCH	Refer to the Test Graph	PASS
11G	HCH	Refer to the Test Graph	PASS
11N HT20	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11N HT40	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11AX20	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS



TEST GRAPHS







Test Mode	Test Channel	Verdict
11G	LCH	PASS
Spectrum Analyzer 1 Wept SA KEYSIGHT Input RF RL →→ Spectrum Spect	Atten: 30 dB PNO Fast #Avg Type: Power (RMS 2 3 4 5 6 Center Frequency # Preamp: Off Gate: Off AvgHold 200200	PASS time
-700 Start 2,30000 GHz #Res BW 100 kHz	#Video BW 300 kHz Stop 2.43000 GHz Sweep 12.7 ms (10001 pts) CF Step	
5 Marker Table 🔹	13.00000 MHz	
Mode Trace Scale X	Y Function Function Width Function Value Man	
2 N 1 f 240000 3 N 1 f 239000 4 N 1 f 231000 5 N 1 f 231000 6 239879	HE 46.20 dBm 0 HE 0 HE HE 45.20 dBm HE 45.20 dBm HE 45.20 dBm HE 45.20 dBm HE 10	
📲 🕤 (? 🗖 ? May 09, 20 3:46:09 P	3 Signal Track (Span Zoom)	

Test Mode	Test Channel	Verdict
11G	НСН	PASS
Spectrum Analyzer 1 + Swept SA KEVSIGHT Input RF RL → Rooming DC Contectore: C Rd Align: Auto	#Atten: 30 dB PNO. Fast #Avg Type: Power (RMS 12 3 4 5 0 Preamp: Off Gate: Off Avg]Hold: 200200 Set	1 Kings
1 Spectrum v Scale/Div 10 dB Log 100	Ref Lvi Offset 8.73 dB Mkr4 2.483 604 GHz open Ref Level 20.00 dBm -46.67 dBm Swept Span Zero Span	
100 	Full Span	
300 400 500 700	4 2.44000000 GHz Stop Freq 2.55000000 GHz	
Start 2.44000 GHz #Res BW 100 kHz	#Video BW 300 kHz Stop 2.55000 GHz Sweep 10.7 ms (10001 pts) CF Step 11.000000 MHz	
5 Marker Table v Mode Trace Scale X	Y Function Function Width Function Value	
2 N 1 f 2483 500 G 3 N 1 f 2500 00 G 4 N 1 f 2480 600 G 6 6	iz -53.24 dBm 0 Hz	
📲 🔊 (° 🗖 ?) May 09. 202 3.51:36 PM		



Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS
Spectrum Analyzer 1 Swept SA KEYSIGHT Induit RF RL →→ Align Auto Freq Ref. Int (S	#Aten 30 dB PNO Fast #Avg Type Power (RMS) 2 3 4 5 6 Preamp Off Gate Off AugHeid 200200 IF Gain Low Trig: Free Run P P P P P P Sig Track: Off Scan	۲ <mark>کنا</mark>
1 Spectrum v Scale/Div 10 dB Log 10.0	Ref Lvi Offset 8.65 dB Mkr5 2.339 918 GHz 130 00000 MHz Ref Level 20.00 dBm -26.01 dBm Swett Span	
400 -100 -200 -300 -400 × 1	5 6 CH 12 do Start Freq 2.0000000 GHz	
-50 0 -70 0 Star 2 50000 GHz	Stop Freq 2.430000000 GHz #Video BW 300 kHz Stop 2.43000 GHz	
#Res BW 100 kHz	Sweep 12.7 ms (10001 pts) CF Step	
5 Marker Table v Mode Trace Scale X	Y Function Function Width Function Value Man	
	z -49.11 dBm 0 Hz z -51.24 dBm	
5 N 1 7 2 399 918 G 6 日 つ つ 日 ? May 09, 2022 5.54:27 PM		





11N HT40 LCH PASS Spectrum Analyzer 1 + + Frequency Implementation Singert SA + - - - - KEVSIGHT Input RF RL - - - - - Context cons. Off Preamp. Off - - - - Sig Track. Off Preamp. Off - - - - Sig Track. Off Preamp. Off - - - - Sig Track. Off - - - - - Sig Track. Off - - - - - Soperturm - - -	est Mode Test Channel Verdict
KEYSIGHT Input RF. RL Imput 2.50 Q #Atten.30 dB PNO.Fast #Avg Type Power (RMS] 2.3 4.5 6 Center Frequency Settings Augn Auto Freq Ref Int (S) Preamp. 0ff Freq Ref Int (S) Preamp. 0ff Freq Ref Int (S) Span Span 1 Spectrum Ref Level 20.00 dBm -30.61 dBm Svept Span Svept Span Zero Span	1N HT40 LCH PASS
100 4 5 11 77000 Start Freq 200 4 4 4 5 11 77000 400 4 4 4 4 4 1	Spectrum Analyzer 1 Swept SA Frequency Frequency RL + Frequency Setting 3 RL + Frequency Setting 3 RL + Colspan="2">Colspan="2">Frequency Setting 3 RL + Setting 3 Colspan="2">Colspan="2">Setting 3 Ref Lvi Offset 5.85 dB MKr5 2.399 606 GHz Scale/Div 10 dB Ref Lvi Offset 5.85 dB Mrs 2.3299 606 GHz Scale/Div 10 dB Ref Lvi Offset 5.85 dB Mrs 2.3299 606 GHz Scale/Div 10 dB Ref Lvi Offset 5.85 dB Start 72 3000 Start 72 3000 Mode Trace Scale X Y P P P Start 72 3000 GPT Mode Trace Scale X Y Function Function Width Function Value Mode Trace Scale X Y Function Function Value Mode Trace Scale X Y

Test Mode			Test Channel		Verdict
11N HT40			HCH		PASS
KEVSIGHT Input RF RL →→ Couping DC CC	+ Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)	#Atten: 30 dB PNO: Fast Preamp: Off Gate: Off IF Gain: Lc Sig Track:	Avg Hold: 200/200 w Trig: Free Run Off P P P P	2.495000000 GHz	• 🔀
1 Spectrum • Scale/Div 10 dB Log 100		Ref Lvi Offset 8.73 dB Ref Level 20.00 dBm	Mkr4 2.484 781 GH -41.69 dBr		
-10.0	Weiterson and a state			Full Span	
-20 0 		√43	0L1-26.55 dB	Start Freq 2.440000000 GHz	
-500 -600 -700			Gandes have provide the second of the second	Stop Freq 2.550000000 GHz	
Start 2.44000 GHz #Res BW 100 kHz		#Video BW 300 kHz	Stop 2.55000 GH Sweep 10.7 ms (10001 pt:	CF Step	
5 Marker Table				11.000000 MHz Auto	
Mode Trace Scal 1 2 N 1 f	e X 2.483 500 GH	Y Function	Function Width Function Value	Man Freq Offset	
3 N 1 f 4 N 1 f 5	2.403 300 GH 2.500 000 GH 2.484 781 GH	z -50.59 dBm		0 Hz X Axis Scale	
5				Log Lin	
4 54	? May 09, 2023 4:09:30 PM	QA		Signal Track (Span Zoom)	



Test Mode	Test Channel	Verdict
11AX20	LCH	PASS
Spectrum Analyzer 1 + Spectrum Analyzer 1 + Spectrum Analyzer 1 + KEYSIGHT Input RF Corrections Off RL + Align Auto Freq Ref. Int (S) SaleDiv 10 dB - Log - 10 - - -	#Atten: 30 dB PNO Fast Cale: 01 #Ang Type: Power (PMS) (AngHold 200200 ITrg: Free Run 2 3 4 50 (AngHold 200200 ITrg: Free Run Cartar Frequency 2 3500000 CHz Set Ref Lvid Offset: 8.65 dB MKr5 2.399 528 GHz 2.99.96 dBm Same 2.99.96 dBm Same 2.29.96 dBm Same 2.2000000 GHz Same 2.20000000 GHz Same 2.2000000 GHz Stop Freq 2.4000000 GHz Stop Freq 2.400000 GHz Stop Freq 2.4000000 GHz	

Test Mode	Test Channel	Verdict
11AX20	НСН	PASS
Spectrum Analyzer 1 ↓ + Swept SA KEYSIGHT Input RF R L → Align Auto 20	Atten: 30 dB PNO Fast #Avg Type Power (RMS 12 3 4 5 6 Preamp: Off Gate Off AvgHold 200200 IF Gain Low Tig: Free Run So Track Off Power Run So Track Off Power Run P P P P P P P	۲ آین tings
1 Spectrum v Scale/Div 10 dB Log	Ref Lvi Offset 8.73 dB Mkr4 2.484 143 GHz Ref Level 20.00 dBm - 38.32 dBm Zero Span Zero Span	
000 -10.0 -20.0 -30.0 -40.0 -40.0	4 Cl 1-03 M cl 1 4 Cl 1-03 M cl 1 4 Cl 1-03 M cl 1 5 Cl 1 5 Cl 1-03 M cl 1 5 Cl	
Start 2.44000 GHz #Res BW 100 KHz 5 Marker Table • Mode Trace Scale X	#Video BW 300 KHz Stop 2.55000 GHz Sweep 10.7 ms (10001 pts) Y Function Function Width Function Value Man	
1 2 N 1 f 2483 500 GH 3 N 1 f 2500 000 GH 4 N 1 f 2500 000 GH 5 6 6	2 -54.07.48m 2 -38.32.48m X Avits Scale Lin Lin	
4 7 1 2 May 09, 2023	OA III III III III IIII IIII IIII IIII	



PART 3: CONDUCTED SPURIOUS EMISSION

TEST RESULTS TABLE

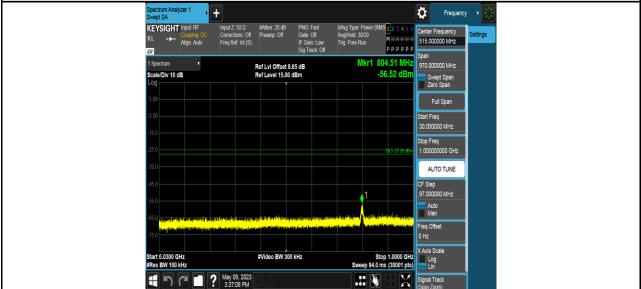
Test Mode	Test Channel	Result	Verdict
	LCH	Refer to the Test Graph	PASS
11B	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
	LCH	Refer to the Test Graph	PASS
11G	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
	LCH	Refer to the Test Graph	PASS
11N HT20	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
	LCH	Refer to the Test Graph	PASS
11N HT40	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
	LCH	Refer to the Test Graph	PASS
11AX20	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS



TEST GRAPHS

Test Mode	Channel	Verdict
11B	LCH	PASS

LCH SPURIOUS EMISSION_30MHz~1GHz

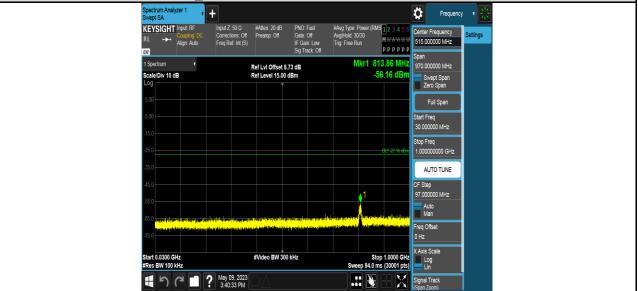


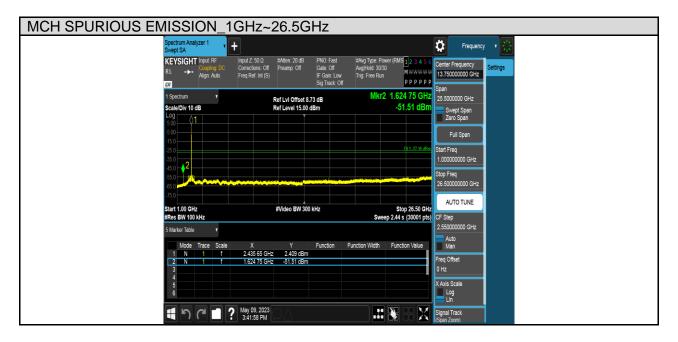




Test Mode	Channel	Verdict
11B	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz







Test Mode	Channel	Verdict
11B	НСН	PASS

HCH SPURIOUS EMISSION_30MHz~1GHz







Test Mode	Channel	Verdict
11G	LCH	PASS



