

Puw test Plot

LCH SPURIOUS EM	ISSION_	30MHz~	1GHz						
	Spectrum Analyzer 1 Swept SA	• <b>+</b>					Frequency	一尝	
	KEYSIGHT Input: RF RL ++ Coupling: DV Align: Auto	Input Z: 50 Ω Corrections: Off Freq Ref. Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (F Avg Hold: 30/30 Trig: Free Run	RMS <mark>1</mark> 23456 M <del>wwww</del> PPPPPP	Center Frequency 515.000000 MHz	Settings	
	1 Spectrum v Scale/Div 10 dB		Ref LvI Offset 9.8 Ref Level 15.00 d	5 dB Bm	Mkr1	705.22 MHz -60.43 dBm	970.000000 MHz Swept Span Zero Span		
	5.00						Full Span		
	-5.00						Start Freq 30.000000 MHz		
	-25.0					DI 1.33.49.48m	Stop Freq 1.000000000 GHz		
	-35.0					DET COMP (DM	AUTO TUNE		
	-40.0				1		97.000000 MHz		
	-65.0 <mark>November 1997 1997 1997 1997 1997 1997 1997 199</mark>	r testarianitates berthe	atronald) to firk options	ananan an artalasa	l Inteleterineliti	anan la tar	Auto Man		
	-75.0	un ala Milané a pasision	ner stidt fi filitier van di	na san ina ka distanti ka sa ka sa		and settinging	Freq Offset 0 Hz		
	Start 0.0300 GHz #Res BW 100 kHz		#Video BW 300 P	kHz	Sweep 94.0	Stop 1.0000 GHz 0 ms (30001 pts)	X Axis Scale Log Lin		
	<b>1</b> 54	Jun 15, 2022 3:48:29 PM					Signal Track (Span Zoom)		

#### LCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency ctrum pt SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input R en: 20 di ımp: Off nter Frequency Corrections: Off Freq Ref: Int (S) ettings 13.750000000 GHz Align: Auto M\*\*\*\*\*\* PPPPP Mkr2 3.215 95 GH Ref LvI Offset 9.85 dB Ref Level 15.00 dBm 25.5000000 GHz -47.96 dB ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.500000 AUTO TUNE Stop 26.50 GHz Sweep 2.44 s (30001 pts) #Video BW 300 kHz Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man X 2.408 45 GHz 3.215 95 GHz Trace Scale Function Function Width Function Valu -4.199 dBm -47.96 dBm Freq Offset 0 Hz X Axis Scale Log Lin リーン (15, 2022) 3:49:53 PM X Signal Track



Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot





Puw test Plot

MCH SPURIOUS EM	IISSION_	30MHz~	-1GHz	Z					
	Spectrum Analyzer 1 Swept SA	+					Frequency	- ※	
	KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto	Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RM: Avg Hold: 30/30 Trig: Free Run	S <mark>123456</mark> M₩₩₩₩₩ PPPPPP	Center Frequency 515.000000 MHz	Settings	
	1 Spectrum   Scale/Div 10 dB	R	ef LvI Offset 9.93 ef Level 15.00 dE	3 dB Bm	Mkr1 78 -6	1.46 MHz 1.38 dBm	970.000000 MHz		
	5.00						Zero Span Full Span		
							Start Freq 30.000000 MHz		
						D14 22 54 40m	Stop Freq 1.000000000 GHz		
						DET 33.31 dbill	AUTO TUNE		
							CF Step 97.000000 MHz		
	-00.0		<mark>g</mark> inat infantaise an		1 Versioner Hangelaufferer	hime for his	Auto Man		
	-75.0	n - Santas Internetation	n di si kating manada Ang manada	and the off in the providence	n gi schule seint fie tein staftingen	in stranger	Freq Offset 0 Hz		
	Start 0.0300 GHz #Res BW 100 kHz		¥Video BW 300 k	KHz	Sto Sweep 94.0 m	p 1.0000 GHz is (30001 pts)	X Axis Scale Log Lin		
	<b>1</b> 99	<b>?</b> Jun 15, 2022 3:51:33 PM					Signal Track (Span Zoom)		

#### MCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input RI en: 20 di ımp: Off nter Frequency ttings 13.750000000 GHz Align: Auto M₩₩₩₩₩ ₽₽₽₽₽₽ pan Mkr2 3.249 10 GH Ref LvI Offset 9.93 dB Ref Level 15.00 dBm 25.5000000 GHz -48.32 dE ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.500000 AUTO TUNE Stop 26.50 GHz Sweep 2.44 s (30001 pts) #Video BW 300 kHz Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man Trace Scale X 2.433 10 GHz Function Function Width Function Valu -4.080 dBm -48.32 dBm Freq Offset 0 Hz X Axis Scale Log Lin 目って見ています。 10 15, 2022 3:53:00 PM # X Signal Track



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Test Mode	Channel	Verdict
11G	НСН	PASS

Pref test Plot





Puw test Plot

HCH SPURIOUS EM	ISSION_	30MHz~1	GHz			
	Spectrum Analyzer 1 Swept SA	+			Frequency	
	KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto	Input Z: 50 Ω #Att Corrections: Off Prei Freq Ref: Int (S)	ten: 20 dB PNO: Fast samp: Off Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Avg Hold: 30/30 Trig: Free Run P P P P P P	Center Frequency 515.000000 MHz	
	1 Spectrum v Scale/Div 10 dB	Ref L	LvI Offset 9.93 dB Level 15.00 dBm	Mkr1 942.16 MHz -60.09 dBm	970.000000 MHz Swept Span Zero Span	
					Full Span	
					Start Freq 30.000000 MHz	
				Di 1,22.02 #Ben	Stop Freq 1.000000000 GHz	
					AUTO TUNE CF Step	
	-55.0	n 141 di stadilik u sosta da	altan-dak fa ca data da kija da sana d	1	97.000000 MHz Auto Man	
	-00.0 Person of the NOV AND A design of the Person of the November of the Person of th	nd Cranic and Man Sol Dates in a super-	inter a sector produce is sufficient and in the sector sector sector sector sector sector sector sector sector	geline blevetscomme bieferlinkski krigelinks	Freq Offset 0 Hz	
	Start 0.0300 GHz #Res BW 100 kHz	#Vic	deo BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)	X Axis Scale Log Lin	
	<b>1</b> h C 🗌	<b>?</b> Jun 15, 2022 3:55:00 PM			Signal Track (Span Zoom)	

#### HCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency ectrum ept SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input R en: 20 di amp: Off nter Frequency ettings 13.750000000 GHz Align: Auto M\*\*\*\*\*\* PPPPP Mkr2 3.282 25 GH Ref LvI Offset 9.93 dB Ref Level 15.00 dBm 25.5000000 GHz -47.02 dE ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.500000 AUTO TUNE Stop 26.50 GHz Sweep 2.44 s (30001 pts) #Video BW 300 kHz Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man Trace Scale X 2.461 15 GHz Function Function Width Function Valu -4.739 dBm -47.02 dBm Freq Offset 0 Hz 32 25 GHz X Axis Scale Log Lin リーン (15, 2022) 3:56:24 PM # X Signal Track



Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





Puw test Plot

LCH SPURIOUS EM	ISSION_3	30MHz~	1GHz	<u>.</u>					
	Spectrum Analyzer 1 Swept SA	<mark>'</mark> +					Frequency	- 1 <u>- 1</u>	
	KEYSIGHT Input: RF RL ++ Coupling: DC Align: Auto	Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RI Avg Hold: 30/30 Trig: Free Run	MS <mark>1</mark> 23456 M\\\\\\\\ PPPPPP	Center Frequency 515.000000 MHz	Settings	
	1 Spectrum v Scale/Div 10 dB Log		Ref LvI Offset 9.8 Ref Level 15.00 d	5 dB Bm	Mkr1 9 -	955.80 MHz 61.00 dBm	970.000000 MHz Swept Span Zero Span		
							Full Span		
							Start Freq 30.000000 MHz		
						D14 22 42 JDm	Stop Freq 1.000000000 GHz		
						D L 1 -55.45 0011	AUTO TUNE		
							CF Step 97.000000 MHz		
	-55.0	ومترار فيروف والمألية والمتراور والمع	on the state of th	nilanajan kitanast	atina kadaha ka	1 Marconalateta	Auto Man		
	-75.0	da ordalikaileata digina mu	an iskala kana ka	an a	n in generation in consideration in the	ulindation and pro-	Freq Offset 0 Hz		
	Start 0.0300 GHz #Res BW 100 kHz		#Video BW 300 I	kHz	Si Sweep 94.0	top 1.0000 GHz ms (30001 pts)	X Axis Scale Log Lin		
	<b>1</b> 77	Jun 15, 2022 3:58:38 PM					Signal Track (Span Zoom)		

#### LCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency ctrum pt SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input RI en: 20 di ımp: Off Corrections: Off Freq Ref: Int (S) nter Frequency ttings 13.750000000 GHz Align: Auto M\*\*\*\*\*\* PPPPP Mkr2 3.215 95 GH Ref LvI Offset 9.85 dB Ref Level 15.00 dBm 25.5000000 GHz -47.82 dB ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.500000 AUTO TUNE Stop 26.50 GHz Sweep 2.44 s (30001 pts) #Video BW 300 kHz Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man X 2.406 75 GHz 3.215 95 GHz Trace Scale Function Function Width Function Valu -3.789 dBm -47.82 dBm Freq Offset 0 Hz X Axis Scale Log Lin **手 つ ぺ 目 ?** Jun 15, 2022 4:00:02 PM # X Signal Track



Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot





Puw test Plot

MCH SPURIOUS EN	IISSION_	30MHz~1	GHz			
	Spectrum Analyzer 1	+			Frequency	
	KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto	Input Z: 50 Ω #Atte Corrections: Off Prea Freq Ref: Int (S)	en: 20 dB PNO: Fast imp: Off Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Avg Hold: 30/30 Trig: Free Run P P P P P P	Center Frequency 515.000000 MHz	Settings
	1 Spectrum v Scale/Div 10 dB Log	Ref Lv Ref Le	vl Offset 9.93 dB evel 15.00 dBm	Mkr1 852.27 MHz -60.70 dBm	970.000000 MHz Swept Span Zero Span	
					Full Span	
					Start Freq 30.000000 MHz	
					Stop Freq 1.000000000 GHz	
				DL1 -33.46 dBm	AUTO TUNE	
				1	CF Step 97.000000 MHz	
	-65.0 with the left from white	Historycicssocius (by downia) 1975 - Diana Maria Maria (by downia)	n efer al a bland an a stig ber stand a differber An an	n ga talahasan di baranga da bisahasa ya da Saga talah sa sa bisa da sa	Auto Man Fren Offset	
					0 Hz V Avis Scala	
	Start 0.0300 GHz #Res BW 100 kHz	#Vid	eo BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)	Log Lin	
	1 n C	<b>?</b> Jun 15, 2022 4:01:39 PM		X 🖁 🏭	Signal Track (Span Zoom)	

#### MCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency ctrum pt SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input RI en: 20 di ımp: Off Corrections: Off Freq Ref: Int (S) nter Frequency ttings 13.750000000 GHz Align: Auto M₩₩₩₩₩ ₽₽₽₽₽₽ pan Mkr2 3.249 10 GH Ref LvI Offset 9.93 dB Ref Level 15.00 dBm 25.5000000 GHz -47.86 dE ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.50000 AUTO TUNE #Video BW 300 kHz Stop 26.50 GHz Sweep 2.44 s (30001 pts) Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man Trace Scale Function Function Width Function Valu X 2.438 20 GHz -3.574 dBn -47.86 dBn Freq Offset 0 Hz X Axis Scale Log Lin リーン (15, 2022 4:03:03 PM # X Signal Track



Test Mode	Channel	Verdict
11N HT20	НСН	PASS

Pref test Plot





Puw test Plot

HCH SPURIOUS EM	ISSION	_30MHz	~1GHz								
	Spectrum Analyzer 1 Swept SA	• +					<b>Ö</b>	Frequency	1 20		
	KEYSIGHT Input Ri RL ↔ Coupling Align: AL	F Input Z: 50 Ω F DC Corrections: Off to Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RM: Avg Hold: 30/30 Trig: Free Run	S <mark>1</mark> 23456 M\\\\\\\ PPPPPP	Center Fred 515.00000	quency S 10 MHz	Settings		
	1 Spectrum Scale/Div 10 dB Log		Ref LvI Offset 9.93 Ref Level 15.00 dB	dB Im	Mkr1 88 -6	32.89 MHz 60.17 dBm	970.00000 Swept	10 MHz Span			
							Full S	Span			
	-5.00						Start Freq 30.000000	) MHz			
	-25.0						Stop Freq 1.0000000	100 GHz			
	-35.0					DL1-34.06 dBm	AUTO	TUNE			
	-45.0						CF Step 97.000000	MHz			
	-55.0	der beitigtet er en verstere so		inter and the second	werke mach Welevelle ve	l Maria da la de	Auto Man				
	-75.0	in a state of the second s	an a li da	ne je di klade se kladi je nekoli († 184		and the second	Freq Offset 0 Hz				
	Start 0.0300 GHz #Res BW 100 kHz		#Video BW 300 ki	Hz	Sto Sweep 94.0 m	p 1.0000 GHz ns (30001 pts)	X Axis Scal Log Lin	le			
	<b>1</b> 77	Jun 15, 2022 4:04:52 PM			II 🚯		Signal Traci (Span Zoom)	<b>*</b>			

#### HCH SPURIOUS EMISSION\_1GHz~26GHz + Ö Frequency ctrum pt SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Pow Avg|Hold: 30/30 Trig: Free Run KEYSIGHT Input RI en: 20 di ımp: Off Corrections: Off Freq Ref: Int (S) nter Frequency ettings 13.750000000 GHz Align: Auto M\*\*\*\*\*\* PPPPP Mkr2 3.283 10 GH Ref LvI Offset 9.93 dB Ref Level 15.00 dBm 25.5000000 GHz -47.12 dB ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 000 GHz 26.500000 AUTO TUNE Stop 26.50 GHz Sweep 2.44 s (30001 pts) #Video BW 300 kHz Start 1.00 GHz #Res BW 100 kHz CF Step 100 GHz Auto Man Trace Scale X 2.463 70 GHz Function Function Width Function Valu -4.188 dBm -47.12 dBm Freq Offset 0 Hz X Axis Scale Log Lin リーン (15, 2022) 4:06:16 PM # X Signal Track



# 7.7. RADIATED TEST RESULTS

## 7.7.1.LIMITS AND PROCEDURE

#### <u>LIMITS</u>

# Please refer to FCC §15.205 and §15.209, ISED RSS-247 Clause 5.5, ISED RSS-GEN Clause 8.9&6.13 (Transmitter)

#### Radiation Disturbance Test Limit for ISED(9KHz-1GHz)

Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz					
Frequency (MHz)	Field strength (μV/m at 3 m)				
30 - 88	100				
88 - 216	150				
216 - 960	200				
Above 960	500				

Table 6 – General field strength limits at frequencies below 30 MHz					
Frequency         Magnetic field strength (H-Field) (μA/m)         Measurement distance (m)					
9 - 490 kHz <sup>Note 1</sup>	6.37/F (F in kHz)	300			
490 - 1705 kHz	63.7/F (F in kHz)	30			
1.705 - 30 MHz	0.08	30			

**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.



## Please refer to FCC KDB 558074 Radiation Disturbance Test Limit for FCC (9KHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.



## Radiation Disturbance Test Limit for FCC (Above 1G)

	dB(uV/m) (at 3 meters)		
Frequency (MHZ)	Peak	Average	
Above 1000	74	54	

#### Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. <sup>2</sup>Above 38.6c



TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector

6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)



## Below 1G



The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

6. For the actual test configuration, please refer to the related Item in this test report (Photographs of the Test Configuration)







The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz, the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements; and 1 MHz resolution bandwidth with video bandwidth  $\geq$ 1/T but not less than the setting list in section 7.2 when use peak detector, max hold to be run for at least [50\*(1/Duty Cycle)] traces for average measurements. For the Duty Cycle need to refer the results in section 7.2.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)



### X axis, Y axis, Z axis positions:



Note: For all radiated test, the EUT can only working in Z axis.

# 7.7.2. RESTRICTED BANDEDGE

**TEST ENVIRONMENT** 

Environment Parameter	Selected Values During Tests
Relative Humidity	58.6%
Atmospheric Pressure:	102kPa
Temperature	23.7°C

Test Result Table

Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	HCH	<limit< td=""><td>PASS</td></limit<>	PASS



#### Test Graphs:

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2291 0665	44.62	11.31	55.93	74.00	-18.07	peak
1	2301.9005	29.68	11.31	40.99	54.00	-13.01	average
2	2200	42.87	11.25	54.12	74.00	-19.88	peak
2 23	2390	28.86	11.25	40.11	54.00	-13.89	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2261 5620	45.12	11.17	56.29	74.00	-17.71	peak
I	2301.3039	30.28	11.17	41.45	54.00	-12.55	average
2	2200	43.11	11.25	54.36	74.00	-19.64	peak
2	2390	29.21	11.25	40.46	54.00	-13.54	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2492 5	42.83	11.28	54.11	74.00	-19.89	peak
1	2403.0	29.54	11.28	40.82	54.00	-13.18	average
2	2402 9542	45.07	11.42	56.49	74.00	-17.51	peak
2	2495.0542	30.26	11.42	41.68	54.00	-12.32	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2492 5	44.16	11.28	55.44	74.00	-18.56	peak
I	2403.0	29.02	11.28	40.30	54.00	-13.70	average
2	2516 2805	44.94	11.55	56.49	74.00	-17.51	peak
2	2010.2090	30.09	11.55	41.64	54.00	-12.36	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11G	LCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2297 2672	49.09	11.27	60.36	74.00	-13.64	peak
I	2307.3072	37.27	11.27	48.54	54.00	-5.46	average
2	2200	50.80	11.25	62.05	74.00	-11.95	peak
2	2390	41.16	11.25	52.41	54.00	-1.59	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2205 1721	50.59	11.28	61.87	74.00	-12.13	peak
I	2305.1751	37.20	11.28	48.48	54.00	-5.52	average
2	2200	48.86	11.25	60.11	74.00	-13.89	peak
2	2390	37.91	11.25	49.16	54.00	-4.84	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2492 5	52.75	11.28	64.03	74.00	-9.97	peak
1	2403.0	39.42	11.28	50.70	54.00	-3.30	average
2	2404 122	50.94	11.29	62.23	74.00	-11.77	peak
2	2404.133	35.96	11.29	47.25	54.00	-6.75	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2492 5	47.89	11.28	59.17	74.00	-14.83	peak
I	2403.0	35.83	11.28	47.11	54.00	-6.89	average
2	2484 6056	47.35	11.30	58.65	74.00	-15.35	peak
2	2404.0900	34.53	11.30	45.83	54.00	-8.17	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.







No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2202 0542	49.96	11.29	61.25	74.00	-12.75	peak
•	2303.9342	35.93	11.29	47.22	54.00	-6.78	average
2	2200	52.02	11.25	63.27	74.00	-10.73	peak
2	2390	40.11	11.25	51.36	54.00	-2.64	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
4 0000 0	2200 6700	51.99	11.26	63.25	74.00	-10.75	peak
I	2300.0790	39.10	11.26	50.36	54.00	-3.64	average
2	2200	52.56	11.25	63.81	74.00	-10.19	peak
2	2390	40.06	11.25	51.31	54.00	-2.69	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1 0400 5	55.02	11.28	66.30	74.00	-7.70	peak
I	2403.0	36.82	11.28	48.10	54.00	-5.90	average
2	2494 2005	53.67	11.29	64.96	74.00	-9.04	peak
2	2484.2905	36.57	11.30	47.87	54.00	-6.13	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 3. Measurement = Reading Level + Correct Factor.
  - 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2483.5	49.35	11.28	60.63	74.00	-13.37	peak	
	2403.0	34.19	11.28	45.47	54.00	-8.53	average
2	2495 2907	48.03	11.31	59.34	74.00	-14.66	peak
2	2485.2807	33.74	11.31	45.05	54.00	-8.95	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

# 7.7.3. SPURIOUS EMISSIONS

Test Result Table:

1) For 1GHz~3GHz

Environment Parameter	Selected Values During Tests		
Relative Humidity	58.6%		
Atmospheric Pressure:	102kPa		
Temperature	23.7°C		

Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS

## 2) For 3GHz~18GHz

Environment Parameter	Selected Values During Tests	
Relative Humidity	59.6%	
Atmospheric Pressure:	100.4kPa	
Temperature	23.1°C	

Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS



#### 3) For 18GHz~26.5GHz

Environment Parameter	Selected Values During Tests
Relative Humidity	58.6%
Atmospheric Pressure:	102kPa
Temperature	23.7°C

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<limit< th=""><th>PASS</th></limit<>	PASS

#### Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

#### 4) For 30MHz~1GHz

Environment Parameter	Selected Values During Tests		
Relative Humidity	58.4%		
Atmospheric Pressure:	101kPa		
Temperature	22.8°C		

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<limit< td=""><td>PASS</td></limit<>	PASS

Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

#### 5) For 9KHz~30MHz

Environment Parameter	Selected Values During Tests
Relative Humidity	58.4%
Atmospheric Pressure:	101kPa
Temperature	22.8°C

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<limit< th=""><th>PASS</th></limit<>	PASS
-			

#### Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



## Part I: 1GHz~3GHz



#### HARMONICS AND SPURIOUS EMISSIONS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1038.2548	42.87	-5.63	37.24	74.00	-36.76	peak
2	1196.0245	44.20	-6.65	37.55	74.00	-36.45	peak
3	1395.0494	43.80	-6.56	37.24	74.00	-36.76	peak
4	2047.1309	41.68	-2.51	39.17	74.00	-34.83	peak
5	2340.6676	44.41	-3.11	41.30	74.00	-32.70	peak
6	2506.4383	43.30	-1.99	41.31	74.00	-32.69	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1086.5108	41.82	-6.06	35.76	74.00	-38.24	peak
2	1195.2744	44.03	-6.65	37.38	74.00	-36.62	peak
3	1782.5978	41.69	-4.38	37.31	74.00	-36.69	peak
4	2265.6582	47.84	-3.23	44.61	74.00	-29.39	peak
5	2295.662	46.47	-3.12	43.35	74.00	-30.65	peak
6	2512.4391	44.55	-1.92	42.63	74.00	-31.37	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1055.0069	42.42	-5.69	36.73	74.00	-37.27	peak
2	1195.7745	42.80	-6.65	36.15	74.00	-37.85	peak
3	1356.7946	42.58	-6.39	36.19	74.00	-37.81	peak
4	1783.598	41.18	-4.38	36.80	74.00	-37.20	peak
5	2061.1326	41.55	-2.85	38.70	74.00	-35.30	peak
6	2338.9174	46.93	-3.12	43.81	74.00	-30.19	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1135.2669	41.72	-6.05	35.67	74.00	-38.33	peak
2	1196.0245	43.39	-6.65	36.74	74.00	-37.26	peak
3	1795.0994	42.93	-4.28	38.65	74.00	-35.35	peak
4	1997.6247	42.34	-3.08	39.26	74.00	-34.74	peak
5	2275.4094	49.23	-3.22	46.01	74.00	-27.99	peak
6	2526.9409	43.15	-2.05	41.10	74.00	-32.90	peak

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1030.0038	41.37	-5.21	36.16	74.00	-37.84	peak
2	1196.5246	44.14	-6.66	37.48	74.00	-36.52	peak
3	1398.0498	43.93	-6.45	37.48	74.00	-36.52	peak
4	1797.0996	41.94	-4.25	37.69	74.00	-36.31	peak
5	2304.4131	43.83	-3.05	40.78	74.00	-33.22	peak
6	2513.4392	43.16	-1.89	41.27	74.00	-32.73	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode Channel		Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1140.2675	42.21	-6.06	36.15	74.00	-37.85	peak
2	1196.0245	43.84	-6.65	37.19	74.00	-36.81	peak
3	1397.2997	42.44	-6.48	35.96	74.00	-38.04	peak
4	1599.5749	41.58	-5.55	36.03	74.00	-37.97	peak
5	1797.5997	42.76	-4.24	38.52	74.00	-35.48	peak
6	2285.9107	47.22	-3.17	44.05	74.00	-29.95	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1038.5048	41.65	-5.65	36.00	74.00	-38.00	peak
2	1192.024	41.93	-6.62	35.31	74.00	-38.69	peak
3	1708.0885	41.33	-4.81	36.52	74.00	-37.48	peak
4	2105.6382	42.18	-2.96	39.22	74.00	-34.78	peak
5	2344.4181	44.36	-3.10	41.26	74.00	-32.74	peak
6	2560.4451	43.22	-2.27	40.95	74.00	-33.05	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	45.53	-6.65	38.88	74.00	-35.12	peak
2	1397.7997	42.25	-6.46	35.79	74.00	-38.21	peak
3	1798.0998	43.58	-4.24	39.34	74.00	-34.66	peak
4	2140.3925	42.93	-3.01	39.92	74.00	-34.08	peak
5	2270.9089	50.61	-3.24	47.37	74.00	-26.63	peak
6	2590.1988	43.41	-2.01	41.40	74.00	-32.60	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1047.2559	41.72	-5.64	36.08	74.00	-37.92	peak
2	1196.5246	43.45	-6.66	36.79	74.00	-37.21	peak
3	1395.2994	43.98	-6.55	37.43	74.00	-36.57	peak
4	1783.848	41.07	-4.37	36.70	74.00	-37.30	peak
5	2290.1613	44.84	-3.15	41.69	74.00	-32.31	peak
6	2587.4484	43.42	-2.07	41.35	74.00	-32.65	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1140.7676	41.59	-6.06	35.53	74.00	-38.47	peak
2	1797.0996	43.03	-4.25	38.78	74.00	-35.22	peak
3	2072.384	42.90	-2.97	39.93	74.00	-34.07	peak
4	2277.4097	47.52	-3.21	44.31	74.00	-29.69	peak
5	2347.1684	47.01	-3.09	43.92	74.00	-30.08	peak
6	2508.4386	44.15	-1.98	42.17	74.00	-31.83	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1016.7521	42.04	-5.52	36.52	74.00	-37.48	peak
2	1199.775	42.29	-6.68	35.61	74.00	-38.39	peak
3	1796.8496	43.91	-4.25	39.66	74.00	-34.34	peak
4	2045.1306	40.65	-2.50	38.15	74.00	-35.85	peak
5	2339.1674	44.24	-3.12	41.12	74.00	-32.88	peak
6	2496.9371	45.57	-2.34	43.23	74.00	-30.77	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1132.0165	42.77	-6.05	36.72	74.00	-37.28	peak
2	1199.0249	44.09	-6.67	37.42	74.00	-36.58	peak
3	1794.5993	42.71	-4.29	38.42	74.00	-35.58	peak
4	2102.3878	43.31	-2.94	40.37	74.00	-33.63	peak
5	2322.9154	49.89	-3.02	46.87	74.00	-27.13	peak
6	2506.4383	43.72	-1.99	41.73	74.00	-32.27	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1031.0039	41.99	-5.26	36.73	74.00	-37.27	peak
2	1195.2744	43.95	-6.65	37.30	74.00	-36.70	peak
3	1794.8494	42.19	-4.29	37.90	74.00	-36.10	peak
4	2043.1304	41.29	-2.49	38.80	74.00	-35.20	peak
5	2378.9224	45.50	-2.51	42.99	74.00	-31.01	peak
6	2597.1996	41.95	-1.82	40.13	74.00	-33.87	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1143.5179	42.51	-6.06	36.45	74.00	-37.55	peak
2	1196.7746	44.75	-6.66	38.09	74.00	-35.91	peak
3	1793.3492	44.21	-4.31	39.90	74.00	-34.10	peak
4	2275.1594	46.53	-3.22	43.31	74.00	-30.69	peak
5	2352.4191	48.81	-3.00	45.81	74.00	-28.19	peak
6	2503.688	45.02	-2.00	43.02	74.00	-30.98	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1048.7561	42.54	-5.62	36.92	74.00	-37.08	peak
2	1199.2749	42.04	-6.68	35.36	74.00	-38.64	peak
3	1400.05	42.73	-6.39	36.34	74.00	-37.66	peak
4	2024.6281	41.37	-2.87	38.50	74.00	-35.50	peak
5	2346.6683	44.32	-3.09	41.23	74.00	-32.77	peak
6	2515.6895	42.47	-1.85	40.62	74.00	-33.38	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1138.5173	43.61	-6.06	37.55	74.00	-36.45	peak
2	1198.0248	44.48	-6.67	37.81	74.00	-36.19	peak
3	1793.3492	42.85	-4.31	38.54	74.00	-35.46	peak
4	2272.159	48.64	-3.23	45.41	74.00	-28.59	peak
5	2348.4186	48.01	-3.08	44.93	74.00	-29.07	peak
6	2511.4389	44.93	-1.94	42.99	74.00	-31.01	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1046.0058	41.55	-5.65	35.90	74.00	-38.10	peak
2	1398.5498	42.39	-6.44	35.95	74.00	-38.05	peak
3	1792.5991	42.68	-4.32	38.36	74.00	-35.64	peak
4	2332.6666	44.12	-3.13	40.99	74.00	-33.01	peak
5	2500.1875	45.96	-2.02	43.94	74.00	-30.06	peak
6	2745.7182	41.68	-1.31	40.37	74.00	-33.63	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	44.56	-6.65	37.91	74.00	-36.09	peak
2	1397.0496	42.89	-6.49	36.40	74.00	-37.60	peak
3	1799.6	42.79	-4.21	38.58	74.00	-35.42	peak
4	2271.659	46.00	-3.24	42.76	74.00	-31.24	peak
5	2325.1656	47.33	-3.06	44.27	74.00	-29.73	peak
6	2506.1883	46.22	-1.99	44.23	74.00	-29.77	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



## Part II: 3GHz~18GHz



#### Reading Correct Frequency Result Limit Margin No. Level Factor Remark (MHz) (dBuV/m) (dBuV/m) (dBuV/m) (dB) (dB) 1 4822.7278 44.21 5.35 49.56 74.00 -24.44 peak 2 7236.1545 47.85 74.00 -26.15 39.14 8.71 peak 10761.5952 36.90 11.97 48.87 74.00 -25.13 3 peak 52.07 15.42 74.00 4 13940.1175 36.65 -21.93 peak 18.97 54.32 74.00 -19.68 35.35 peak 5 17184.273 26.20 18.97 45.17 54.00 -8.83 average 74.00 35.67 19.65 55.32 -18.68 peak 6 17609.9512 54.00 26.34 19.65 45.99 -8.01 average

Note: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	42.96	5.35	48.31	74.00	-25.69	peak
2	7234.2793	37.91	8.73	46.64	74.00	-27.36	peak
3	10870.3588	36.25	12.09	48.34	74.00	-25.66	peak
4	14418.3023	35.70	15.97	51.67	74.00	-22.33	peak
F	16044 242	35.41	19.43	54.84	74.00	-19.16	peak
5	10944.243	25.89	19.43	45.32	54.00	-8.68	average
6	17609 076	35.49	19.63	55.12	74.00	-18.88	peak
0	17000.070	26.67	19.63	46.30	54.00	-7.70	average

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	44.90	5.54	50.44	74.00	-23.56	peak
2	7307.4134	38.38	8.40	46.78	74.00	-27.22	peak
3	10806.6008	36.53	12.09	48.62	74.00	-25.38	peak
4	14313.2892	36.73	15.93	52.66	74.00	-21.34	peak
F	17176 7701	36.13	18.82	54.95	74.00	-19.05	peak
5	1/1/0.//21	26.32	18.82	45.14	54.00	-8.86	average
6	17612 7055	36.00	19.35	55.35	74.00	-18.65	peak
0	17043.7055	25.59	19.35	44.94	54.00	-9.06	average

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	41.92	5.54	47.46	74.00	-26.54	peak
2	7311.1639	39.42	8.41	47.83	74.00	-26.17	peak
3	10799.0999	36.25	12.04	48.29	74.00	-25.71	peak
4	14337.6672	35.60	16.19	51.79	74.00	-22.21	peak
F	17064 259	34.61	19.92	54.53	74.00	-19.47	peak
5	17004.230	25.01	19.92	44.93	54.00	-9.07	average
6	17501 0007	35.67	19.70	55.37	74.00	-18.63	peak
0	17301.0227	25.89	19.70	45.59	54.00	-8.41	average

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	45.57	5.56	51.13	74.00	-22.87	peak
2	7386.1733	38.43	8.40	46.83	74.00	-27.17	peak
3	11189.1486	36.43	11.94	48.37	74.00	-25.63	peak
4	13958.8699	35.98	15.53	51.51	74.00	-22.49	peak
F	17102 6402	35.13	19.18	54.31	74.00	-19.69	peak
5	17193.0492	26.22	19.18	45.40	54.00	-8.60	average
6	17611 9265	35.20	19.58	54.78	74.00	-19.22	peak
0	17011.0205	25.84	19.58	45.42	54.00	-8.58	average

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	НСН	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	43.73	5.56	49.29	74.00	-24.71	peak
2	7386.1733	39.41	8.40	47.81	74.00	-26.19	peak
3	10802.8504	36.23	12.06	48.29	74.00	-25.71	peak
4	14279.5349	36.70	15.89	52.59	74.00	-21.41	peak
F	17040 2562	34.50	19.86	54.36	74.00	-19.64	peak
5	17049.2002	25.47	19.86	45.33	54.00	-8.67	average
6	17501 0007	35.13	19.70	54.83	74.00	-19.17	peak
0	1/301.0227	25.45	19.70	45.15	54.00	-8.85	average

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4820.8526	40.30	5.33	45.63	74.00	-28.37	peak
2	5786.5983	40.77	4.26	45.03	74.00	-28.97	peak
3	10823.4779	35.85	12.22	48.07	74.00	-25.93	peak
4	15117.7647	37.07	15.39	52.46	74.00	-21.54	peak
F	17004 0050	35.72	18.86	54.58	74.00	-19.42	peak
5	17004.0000	26.01	18.86	44.87	54.00	-9.13	average
c	17522.0000	35.63	19.10	54.73	74.00	-19.27	peak
0	17553.0000	25.98	19.10	45.08	54.00	-8.92	average

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

5. AVG: VBW refer to section 7.2.

- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5786.5983	44.74	4.26	49.00	74.00	-25.00	peak
2	7234.2793	37.91	8.73	46.64	74.00	-27.36	peak
3	10825.3532	35.99	12.22	48.21	74.00	-25.79	peak
4	14431.4289	35.63	15.93	51.56	74.00	-22.44	peak
5	16976.122	34.66	19.94	54.60	74.00	-19.40	peak
		25.07	19.94	45.01	54.00	-8.99	average
6	17568.6961	35.50	19.99	55.49	74.00	-18.51	peak
		26.82	19.99	46.81	54.00	-7.19	average

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
   Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5786.5983	47.24	4.26	51.50	74.00	-22.50	peak
2	7301.7877	38.20	8.42	46.62	74.00	-27.38	peak
3	10928.4911	36.05	12.34	48.39	74.00	-25.61	peak
4	14011.3764	36.30	15.86	52.16	74.00	-21.84	peak
5	17045.5057	34.73	19.69	54.42	74.00	-19.58	peak
		26.18	19.69	45.87	54.00	-8.13	average
6	17553.6942	36.29	19.25	55.54	74.00	-18.46	peak
		25.91	19.25	45.16	54.00	-8.84	average

If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

5. AVG: VBW refer to section 7.2.

6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.