

Puw test Plot LCH SPURIOUS

SPURIOUS EM	ISSION_30	MHz~1GHz			
	Spectrum Analyzer 1 Swept SA	•		Frequency	• **
	KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto	Input Z: 50 Ω #Atten: 20 dB PNO: Corrections: Off Preamp: Off Gate: Freq Ref. Int (S) IF Gai Sig Tr	Off Avg Hold: 30/30	Center Frequency SI 515.000000 MHz	ettings
	1 Spectrum v Scale/Div 10 dB Log	Ref Lvi Offset 8.65 dB Ref Level 15.00 dBm	Mkr1 810.88 MHz -55.19 dBm	Swept Span	
	5.00			Zero Span Full Span	
				Start Freq 30.000000 MHz	
			DL1 -30.79 dBm	Stop Freq 1.000000000 GHz	
	-45.0			AUTO TUNE CF Step	
				97.000000 MHz Auto Man	
	-65.0 may be for under the first start of the sector of th	na in the second sec	n in de andere al de la serviciente de la servicie de la s	Freq Offset 0 Hz	
	Start 0.0300 GHz #Res BW 100 kHz	#Video BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)	X Axis Scale Log Lin	
	1 n n 1 ?	Aug 24, 2022		Signal Track (Span Zoom)	

LCH SPURIOUS EMISS	SION_1GHz~2	6GHz			
	m Analyzer 1			Frequency V	
KEYS RL LUJ	HGHT Input: RF Coupling: DC Align: Auto Freq Ref. Int (S)	#Atten: 20 dB PNO: Fast Preamp: Off Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run MWWWWW PPPPP	Center Frequency 13.75000000 GHz	
1 Spectri Scale/D Log		Ref LvI Offset 8.65 dB Ref Level 15.00 dBm		Span 25.5000000 GHz Swept Span Zero Span	
5.00 -5.00 -15.0				Full Span	
25 0 -35 0 -45 0 -45 0	¢2			Start Freq 1.00000000 GHz Stop Freq	
				26.50000000 GHz	
	W 100 kHz	#Video BW 300 kHz	Stop 26.50 GHz Sweep 2.44 s (30001 pts)	CF Step 2.55000000 GHz	
N	Mode Trace Scale X N 1 f 2.418 65 GHz		nction Width Function Value	Auto Man	
2 3 4	N 1 f 3.215 95 GHz			Freq Offset 0 Hz	
5 6				X Avis Scale	
	う C I ? Aug 24, 2022 12:03:56 PM		🔜 👪 🚼 🔣	Signal Track (Span Zoom)	



Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot





Puw test Plot

1 400 1031 101						
MCH SPURIOUS EN	<b>/IISSION_3</b>	0MHz~1GHz				
	Spectrum Analyzer 1	F			Frequency v	
	KEYSIGHT Input: RF RL + Couping: DC Align: Auto	Corrections: Off Preamp: Off Ge Freq Ref: Int (S) IF	IO: Fast ≇Avg Type: Power ( te: Off Avg Hold: 30/30 Gain: Low Trig: Free Run g Track: Off	RMS <mark>1</mark> 23456 M\\\\\\\ PPPPPP	Center Frequency 515.000000 MHz Span	
	1 Spectrum v Scale/Div 10 dB Log	Ref LvI Offset 8.73 dE Ref Level 15.00 dBm		811.50 MHz -55.86 dBm	970.000000 MHz Swept Span Zero Span	
	-5.00				Full Span Start Freq 30.000000 MHz	
	-15.0			DL1 -32.12 dBm	Stop Freq 1.000000000 GHz	
	-35.0		1		AUTO TUNE CF Step 97.000000 MHz	
	-65.0	n verkland som efter af solid stellander for state for state of the solid solid solid solid solid solid solid s A solid so	de latin de servicie de la fina de	sailathali jidhaanar almites datamaraa ay	Auto Man Freq Offset 0 Hz	
	Start 0.0300 GHz #Res BW 100 kHz	#Video BW 300 kHz	Sweep 94.	Stop 1.0000 GHz 0 ms (30001 pts)	X Avis Scale	
	1 つ C 1 ?	Aug 24, 2022 12:05:37 PM			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 Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input R ien: 20 dE amp: Off nter Frequency ettings 13.750000000 GHz Align: Auto M\*\*\*\*\*\* PPPPP Mkr2 3.249 10 GH Ref LvI Offset 8.73 dB Ref Level 15.00 dBm 25.5000000 GHz -41.21 dE ale/Div 10 dB Swept Span Zero Span Start Freq 1.000000000 GHz Stop Freq 26.500000 000 GHz 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 2.435 65 GHz 3.249 10 GHz Trace Scale Function Function Width Function Value -3.196 dBm -41.21 dBm Freq Offset 0 Hz X Axis Scale Log Lin **毛ってこ?** Aug 24, 2022 12:07:01 PM 🗩 X Signal Track



Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot





Puw test Plot HCH SPURIOUS E

SPURIOUS EMISSION	30MHz~1GHz		
Spectrum Analyzer 1 Swept SA	· +		🗱 Frequency 🔹 🔆
KEYSIGHT Input RF RL ↔ Align: Auto	Input Z: 50 Ω #Atten: 20 dB PNO: Fast Corrections: Off Preamp: Off Gate: Off Freq Ref: Int (S) 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 Settings 515.00000 MHz
1 Spectrum • Scale/Div 10 dB Log	Ref LvI Offset 8.73 dB Ref Level 15.00 dBm	Million A DOO AD MILLION	Span 970.000000 MHz Svept Span Zero Span
5.00			Full Span
-5.00			Start Freq 30.000000 MHz
-25.0			Stop Freq 1.00000000 GHz
-35.0			AUTO TUNE
-55.0			CF Step 97.000000 MHz
-65.0 <mark>nature statistic server</mark>	yr jarenne wede yn sjierte yn yn sterne yn te trefer yn a sterne yn ar te gelan yn yn ar yn ar yn ar yn ar yn y Mae yn ar		Auto Man Freq Offset
-75.0			0 Hz X Avis Scale
Start 0.0300 GHz #Res BW 100 kHz	#Video BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)	Log
<b>1</b> 5 6	<b>?</b> Aug 24, 2022 12:08:48 PM	# 🛃 🔀 🛛	Signal Track (Span Zoom)

HCH SPURIOUS EMI	ISSION_1G	Hz~26GHz			
	pectrum Analyzer 1 v +			🕻 Frequency 🔹	
K R D	LL +++ Coupling: DC C Align: Auto Fi	put Z: 50 Ω #Atten: 20 dB PNO: Fast orrections: Off Preamp: Off Gate: Off eq Ref. Int (S) IF Gain: Low Sig Track: Off	Trig: Free Run PPPPP	Center Frequency 13.75000000 GHz	
s	Spectrum v scale/Div 10 dB	Ref LvI Offset 8.73 dB Ref Level 15.00 dBm		Span 25.5000000 GHz Swept Span Zero Span	
	5.00			Full Span	
	25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0		DL1 -33.41 dBm	Start Freq 1.000000000 GHz	
	65.0			Stop Freq 26.500000000 GHz	
	tart 1.00 GHz Res BW 100 kHz	#Video BW 300 kHz	Stop 26.50 GHz Sweep 2.44 s (30001 pts)	AUTO TUNE CF Step	
	i Marker Table V			2.550000000 GHz	
	Mode Trace Scale	X Y Function Fi 2.459 45 GHz -4.657 dBm	unction Width Function Value	Auto Man	
	2 N 1 f 3 4	3.282 25 GHz -41.52 dBm		Freq Offset 0 Hz	
	5			X Axis Scale Log Lin	
	<b>1</b> 7 7 7 7 7	Aug 24, 2022		Signal Track (Span Zoom)	



Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





Puw test Plot LCH SPURIOUS

I SPURIOUS EMISSION_3	0MHz~1GHz			
Spectrum Analyzer 1 Swept SA	+		Frequency 🔹 🔆	
KEYSIGHT Input RF RL ++- Counting DC Align: Auto	Corrections: Off Preamp: Off Gate: Off	Trig: Free Run PPPPP	Center Frequency Settings 515.00000 MHz	
1 Spectrum • Scale/Div 10 dB	Ref Lvi Offset 8.65 dB Ref Level 15.00 dBm		Span 970.000000 MHz Swept Span Zero Span	
5.00			Full Span	
-5.00			Start Freq 30.000000 MHz	
-25.0		DL1-30.77 dBm	Stop Freq 1.000000000 GHz	
-35.0			AUTO TUNE	
-45.0		1	CF Step 97.000000 MHz Auto	
-65.0 specific states in the states of the s	i ng mana kana pang manang kana ng manang kana kana ng mang mang mang kana ng mang kana ng mang kana ng mang k Mang mang mang mang mang mang mang mang kana ng mang mang mang mang mang mang man	Analyzed and a state of the sta	Man Freq Offset	
-75.0			0 Hz X Axis Scale	
Start 0.0300 GHz #Res BW 100 kHz	#Video BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)		
<b>1</b> 2 4 <b>1</b>	<b>?</b> Aug 24, 2022 12:12:28 PM	LI 🚺 - 🕅	Signal Track (Span Zoom)	

LCH SPURIOUS EN	ISSION_1GHz~26GHz	
	Spectrum Analyzer 1 • 🕂	
	KEYSIGHT     Input Z: 50 Ω     #Atten: 20 dB     PNO: Fast     #Aug Type. Power (RMS 1/2 3 4 5 6)       RL     →     Condump DC     Corrections: Off     Preamp: Off     Gale: Off       Aug Hold: 3030     Freq. Ref. Int (S)     Preamp: Off     Gale: Off     NumHold: 3030       VI     Sign: Auto     Freq. Ref. Int (S)     Sign: Auto     P P.	
	Spectrum         Ref Lvl Offset 8.65 dB         Mkr2         3.215         95 GHz         Span           Scale/Div 10 dB         Ref Level 15.00 dBm         -43.45 dBm         Swept Span           Log         -1         -25.5000000 GHz         Swept Span	
	500 01	
	250 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	26.5000000 GHz -750	
	Start 1.00 GHz         #Video BW 300 kHz         Stop 26.50 GHz           #Res BW 100 kHz         Sweep 2.44 s (30001 pts)         CF Step           5 Marker Table         *         2.550000000 GHz	
	Mode         Trace         Scale         X         Y         Function         Function         Value         Auto           1         N         1         f         2.409 30 GHz         -1.963 dBm         -1.963 dBm         Freq Offset           2         N         1         f         2.419 50 5CHz         -4.342 5.08m         Freq Offset	
	2         N         1         f         3.215.95 GHz         -43.45 dBm         Preq. Unset           3	



Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot





Puw test Plot MCH SPURIOUS EMIS

CH SPURIOUS EMI	SSION_30	)MHz~1Gł	Ηz					
	ectrum Analyzer 1					Frequency	- 1 <del>22</del>	
<b>KE</b> RL		Input Z: 50 Ω #Atten: 20 dB Corrections: Off Preamp: Off Freq Ref: Int (S)	Gate: Off IF Gain: Low	THU. FIEE KUII	₩₩₩₩₩	Center Frequency 515.000000 MHz	Settings	
15	pectrum v		Sig Track: Off	Mkr1 818.		Span		
Sca	ale/Div 10 dB	Ref LvI Offsei Ref Level 15.			48 dBm	970.000000 MHz Swept Span		
Lo	9					Zero Span		
-5.0						Full Span Start Freg		
-15						30.000000 MHz		
-25						Stop Freq 1.000000000 GHz		
-35.				D	L1-31.99 dBm	AUTO TUNE		
-45.						CF Step		
-55				<u> </u>	_	97.000000 MHz		
-65.			a lega ta ber da legita della desti Na desena da desena de legita della dest	ng pantana <mark>H</mark> ukkemulah mantanang	nlanihasi Mangana	Man Freq Offset		
-75	0					0 Hz		
	rt 0.0300 GHz 25 BW 100 kHz	#Video BW 3	00 kHz	Stop 1 Sweep 94.0 ms (	1.0000 GHz (30001 pts)	X Axis Scale Log Lin		
		Aug 24, 2022 12:15:41 PM				Signal Track (Span Zoom)		

MCH SPURIOUS EMISSI	ION_1GHz~26GHz	
Spectrum Ana Swept SA	alyzer 1 • + Frequency • 🔆	
KEYSIGH RL ↔→ T20	Control DC Contections Off Preamp Off Gate Off AngHold 3030 Align Auto Freq Ref. Int (S) IF Gain: Low Trig: Free Run Strack: Off Strack:	
1 Spectrum Scale/Div 10 Log	Ref Lvi Offset 8.73 dB         Mkr2         3.249 10 GHZ         Span           0 dB         Ref Level 15:00 dBm         -41.60 dBm         Swept Span	
5.00 -5.00 -15.0	Full Span	
-25 0 -35 0 -45 0	42Start Freq 1.00000000 GHz	
.55 0 -55 0 -75 0	Stop Freq 26 50000000 GHz	
Start 1.00 GH #Res BW 100		
5 Marker Table	Auto	
1 N 2 N 3	1         f         2.431 40 GHz         -3.648 dBm         Find control         Find contro         Find control         Find con	
4 5 6	X Avis Scale	
	C 🗖 ? Aug 24, 2022	



Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot





Puw test Plot HCH SPURIOUS

SPURIOUS EMISSION	30MHz~1GHz		
Spectrum Analyzer 1 Swept SA	+		Frequency ·
KEYSIGHT Input: RF RL ↔ Coupling DV Align: Auto	Input Z: 50 Ω #Atten: 20 dB PNO: Fast Corrections: Off Preamp: Off Gate: Off Freq Ref. Int (S) IF Gain: Low Sta 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	6 Center Frequency Settings
1 Spectrum v Scale/Div 10 dB	Ref Lvi Offset 8.73 dB Ref Level 15.00 dBm	Mind 007 70 Mile	Span 2 970.000000 MHz 3 Swept Span
500			Zero Span Full Span
-5.00			Start Freq 30.000000 MHz Stop Freq
-25.0		QL1-34.25 dBm	1.00000000 GHz AUTO TUNE
-55 0		<b>≬</b> 1	CF Step 97.000000 MHz Auto
-65 0 <b></b>	ne fel konst klanna konstanti prese je sved na čeni presta konstanti na stani presta klana konstanti konstanti Na stani se klana konstanti presta konstanti presta konstanti na stani presta presta presta presta presta prest Na stani se klana konstanti presta presta konstanti presta presta presta presta presta presta presta presta pre		Man Freq Offset 0 Hz
Start 0.0300 GHz #Res BW 100 kHz	#Video BW 300 kHz	Stop 1.0000 GHz Sweep 94.0 ms (30001 pts)	Ein
<b>1</b> 5 6 <b>1</b>	<b>?</b> Aug 24, 2022 12:18:52 PM		Signal Track (Span Zoom)

HCH SPURIOUS EN	/ISSION_1GHz~	26GHz			
	Spectrum Analyzer 1 Swept SA			Frequency 🔹 🔆	
	KEYSIGHT         Input: RF         Input: Z: 50 Ω           RL         Coupling: DC         Corrections: Off           Align: Auto         Freq Ref: Int (S	Preamp: Off Gate: Off Avg	Free Run MWWWWW PPPPP	Center Frequency 13.75000000 GHz	
	1 Spectrum v Scale/Div 10 dB Log	Ref LvI Offset 8.73 dB Ref Level 15.00 dBm		pan 25.500000 GHz Swept Span Zero Span	
	-5.00 -5.00 -15.0			Full Span	
	-25.0 -35.0 -45.0		DL1-34.25 dBm	Start Freq 1.000000000 GHz Stop Freq	
	-55.0 -75.0			26.500000000 GHz	
	Start 1.00 GHz #Res BW 100 kHz 5 Marker Table v	#Video BW 300 kHz		2.55000000 GHz	
	Mode         Trace         Scale         X           1         N         1         f         2.456 90 Gi           2         N         1         f         3.282 25 Gi			Auto Man ireq Offset	
	3 4 5 6			) Hz ( Axis Scale Log	
				Lin Signal Track Span Zoom)	



## 7.7. RADIATED TEST RESULTS

## 7.7.1.LIMITS AND PROCEDURE

## **LIMITS**

# 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	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(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

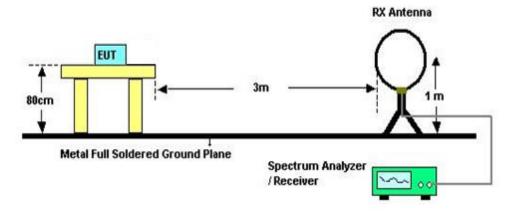
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
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- <mark>1</mark> 56.9	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.

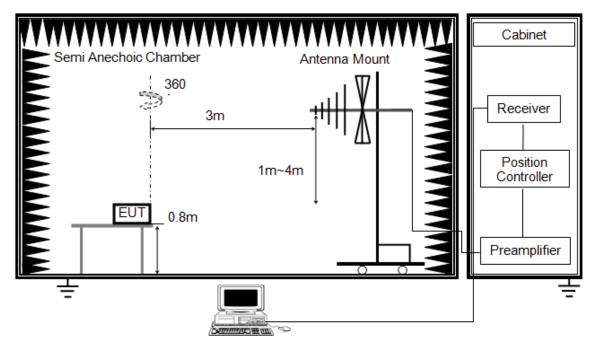
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector

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.

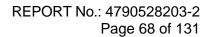
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations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

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

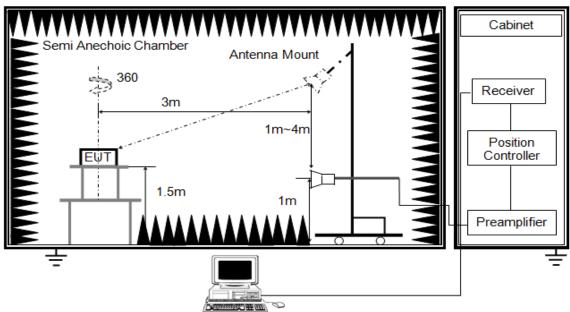
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

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
	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.

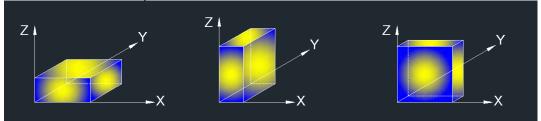
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

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, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Z axis) data recorded in the report.

## 7.7.2. RESTRICTED BANDEDGE

**TEST ENVIRONMENT** 

Environment Parameter	Selected Values During Tests
Relative Humidity	62.5%
Atmospheric Pressure:	101kPa
Temperature	23.2°C

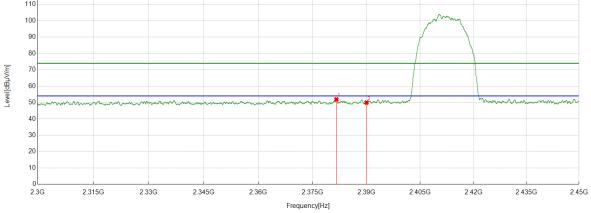
Test Result Table

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



## Test Graphs:

Test Mode	Channel	Polarization	Verdict		
11B	LCH	Horizontal	PASS		
120					
110					



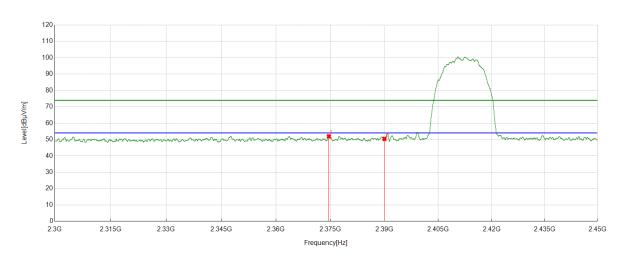
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2381.6102	40.62	11.31	51.93	74.00	-22.07	peak
2	2390	38.70	11.25	49.95	74.00	-24.05	peak

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



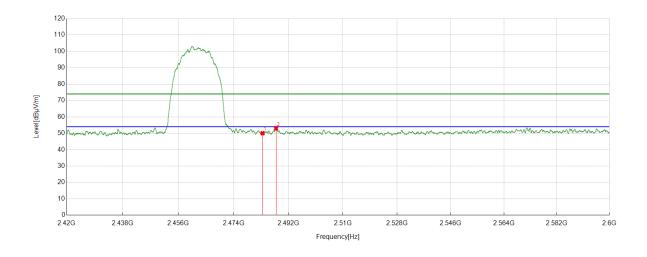
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2374.5968	40.67	11.29	51.96	74.00	-22.04	peak
2	2390	39.12	11.25	50.37	74.00	-23.63	peak

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.



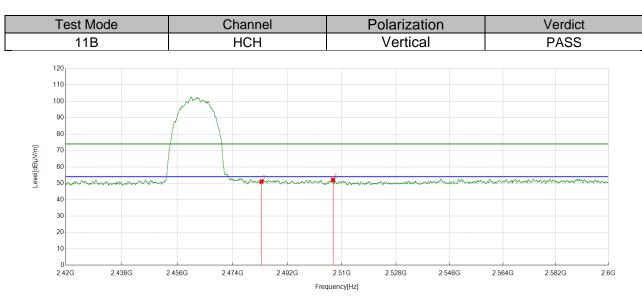
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5	38.77	11.28	50.05	74.00	-23.95	peak
2	2487.9135	41.67	11.35	53.02	74.00	-20.98	peak

- 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.

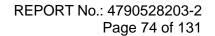




No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5	39.81	11.28	51.09	74.00	-22.91	peak
2	2507.0409	40.55	11.48	52.03	74.00	-21.97	peak

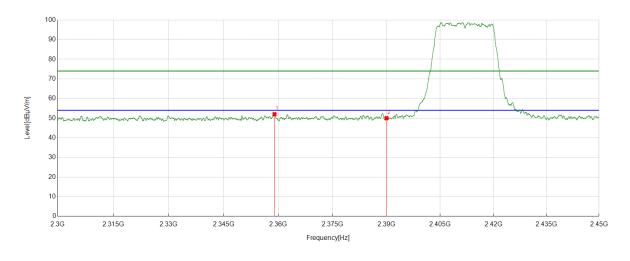
Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

- 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



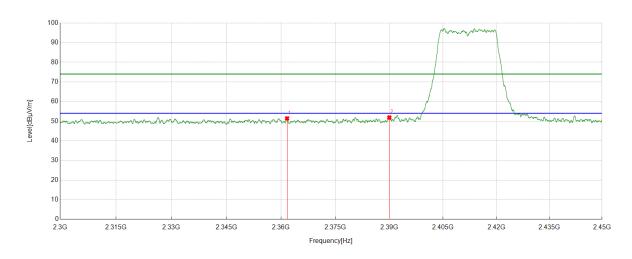
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2358.9761	40.89	11.15	52.04	74.00	-21.96	peak
2	2390	38.72	11.25	49.97	74.00	-24.03	peak

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

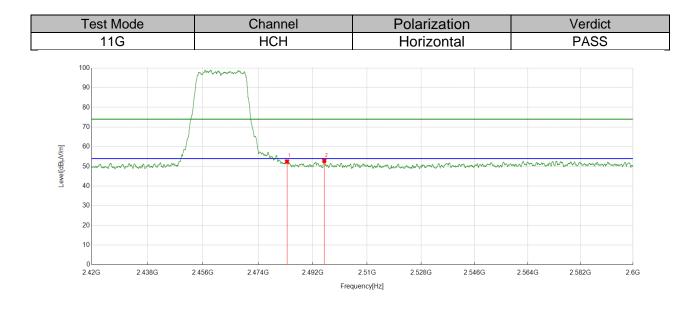


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2361.6765	40.22	11.17	51.39	74.00	-22.61	peak
2	2390	40.62	11.25	51.87	74.00	-22.13	peak

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.

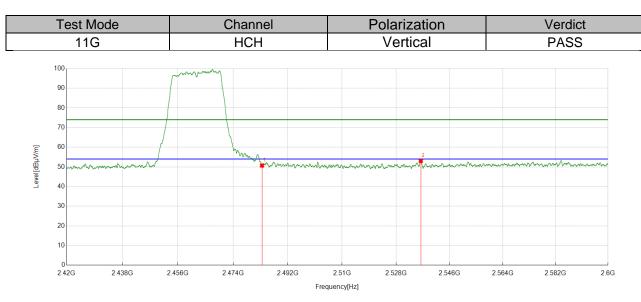




No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5	41.19	11.28	52.47	74.00	-21.53	peak
2	2495.7895	41.38	11.44	52.82	74.00	-21.18	peak

- 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.



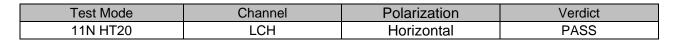


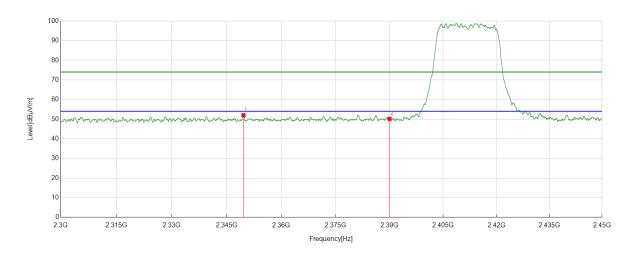
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5	39.41	11.28	50.69	74.00	-23.31	peak
2	2536.2945	41.14	11.86	53.00	74.00	-21.00	peak

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.





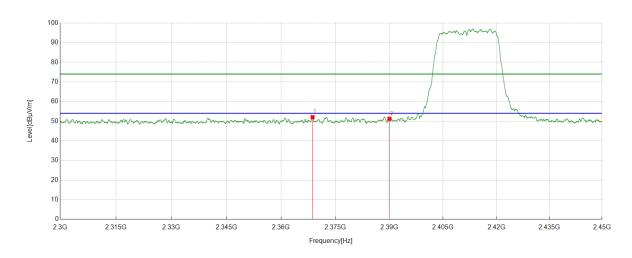


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2349.6375	40.84	11.15	51.99	74.00	-22.01	peak
2	2390	38.91	11.25	50.16	74.00	-23.84	peak

- 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	



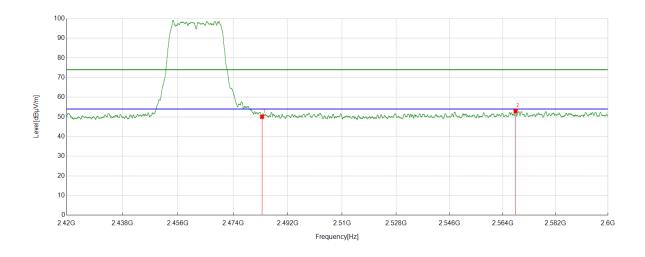
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2368.7086	40.79	11.25	52.04	74.00	-21.96	peak
2	2390	39.92	11.25	51.17	74.00	-22.83	peak

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	2483.5	38.79	11.28	50.07	74.00	-23.93	peak
2	2568.3385	40.98	11.99	52.97	74.00	-21.03	peak

- 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		Chanr	nel		Polariza	tion		Verdict
11N HT20		HCH Vertical			PASS			
100								
90	mmm	~~~						
80								
70								
60		h				2		
60 50 mm/mm/mm	mmm	~~~	amentina	-	mmm	mannon	mann	mannan
40								
30								
20								
10								
0 2.42G 2.438G	2.456G	2.474G	2.492G	2.51G	2.528G	2.546G	2.564G	2.582G
				requency[Hz]				

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5	40.24	11.28	51.52	74.00	-22.48	peak
2	2536.182	40.61	11.86	52.47	74.00	-21.53	peak

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	62.5%
Atmospheric Pressure:	101kPa
Temperature	23.2°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

## 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	62.5%
Atmospheric Pressure:	101kPa
Temperature	23.2°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	64.5%
Atmospheric Pressure:	101.5Kpa
Temperature	<b>22</b> ℃

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.

## 5) For 9KHz~30MHz

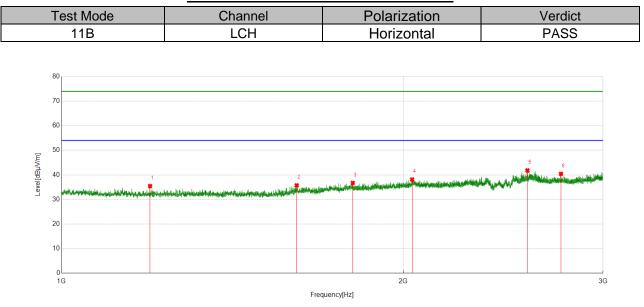
Environment Parameter	Selected Values During Tests
Relative Humidity	64.5%
Atmospheric Pressure:	101.5Kpa
Temperature	<b>22</b> ℃

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



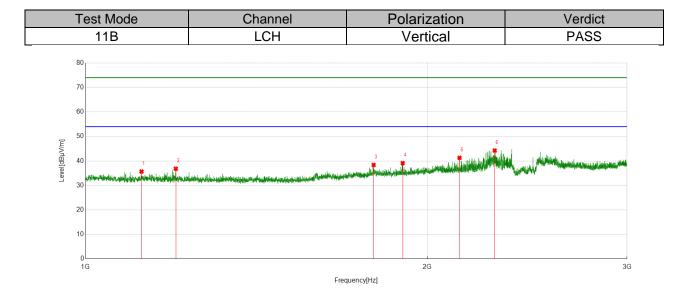
## HARMONICS AND SPURIOUS EMISSIONS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	42.10	-6.66	35.44	74.00	-38.56	peak
2	1611.5764	41.35	-5.61	35.74	74.00	-38.26	peak
3	1805.6007	41.04	-4.31	36.73	74.00	-37.27	peak
4	2036.6296	40.71	-2.59	38.12	74.00	-35.88	peak
5	2573.1966	44.01	-2.18	41.83	74.00	-32.17	peak
6	2754.4693	41.69	-1.28	40.41	74.00	-33.59	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.

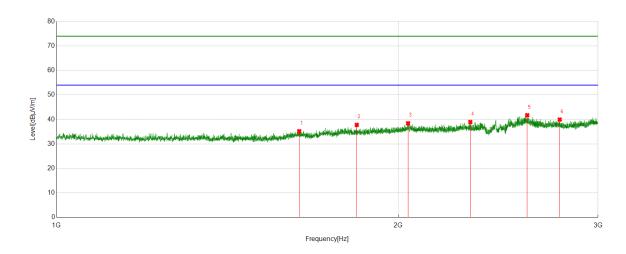


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1120.265	41.72	-6.05	35.67	74.00	-38.33	peak
2	1201.0251	43.48	-6.65	36.83	74.00	-37.17	peak
3	1794.0993	42.67	-4.30	38.37	74.00	-35.63	peak
4	1903.1129	42.83	-3.72	39.11	74.00	-34.89	peak
5	2135.642	44.22	-2.94	41.28	74.00	-32.72	peak
6	2293.6617	47.38	-3.13	44.25	74.00	-29.75	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.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



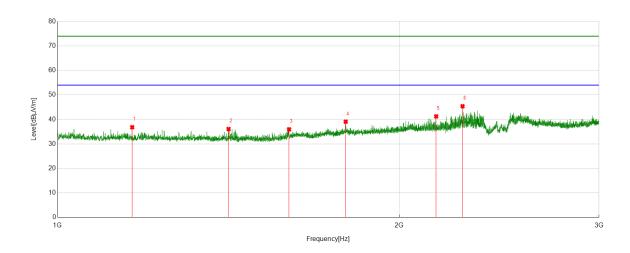
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1636.0795	40.55	-5.36	35.19	74.00	-38.81	peak
2	1838.8549	42.00	-4.22	37.78	74.00	-36.22	peak
3	2040.38	40.92	-2.48	38.44	74.00	-35.56	peak
4	2315.1644	41.94	-2.99	38.95	74.00	-35.05	peak
5	2598.4498	43.52	-1.79	41.73	74.00	-32.27	peak
6	2775.4719	41.27	-1.33	39.94	74.00	-34.06	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.



Test Mode	Channel	Polarization	Verdict	
11B	MCH	Vertical	PASS	



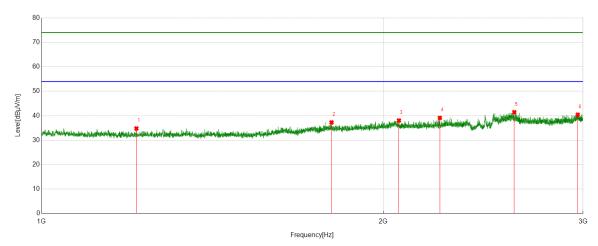
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1163.5204	43.04	-6.21	36.83	74.00	-37.17	peak
2	1414.8018	42.62	-6.53	36.09	74.00	-37.91	peak
3	1599.5749	41.53	-5.55	35.98	74.00	-38.02	peak
4	1794.3493	43.38	-4.29	39.09	74.00	-34.91	peak
5	2155.8945	44.42	-3.17	41.25	74.00	-32.75	peak
6	2274.4093	48.61	-3.22	45.39	74.00	-28.61	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.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



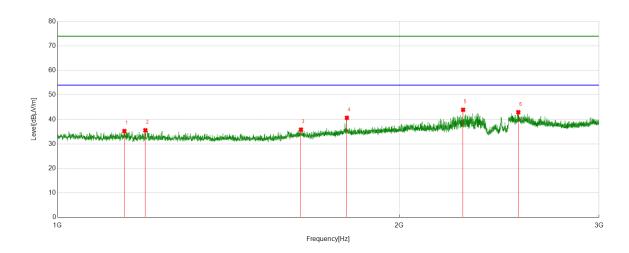
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1212.2765	41.23	-6.43	34.80	74.00	-39.20	peak
2	1801.1001	41.51	-4.23	37.28	74.00	-36.72	peak
3	2064.8831	40.95	-2.89	38.06	74.00	-35.94	peak
4	2243.6555	42.39	-3.26	39.13	74.00	-34.87	peak
5	2609.4512	42.98	-1.53	41.45	74.00	-32.55	peak
6	2967.996	39.96	0.48	40.44	74.00	-33.56	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.



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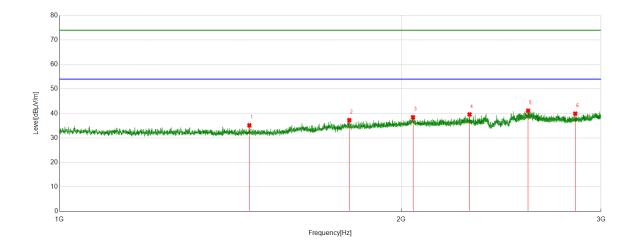
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1145.2682	41.32	-6.06	35.26	74.00	-38.74	peak
2	1195.0244	42.23	-6.65	35.58	74.00	-38.42	peak
3	1638.5798	41.21	-5.35	35.86	74.00	-38.14	peak
4	1798.5998	44.90	-4.23	40.67	74.00	-33.33	peak
5	2276.9096	47.16	-3.21	43.95	74.00	-30.05	peak
6	2546.6933	45.33	-2.37	42.96	74.00	-31.04	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

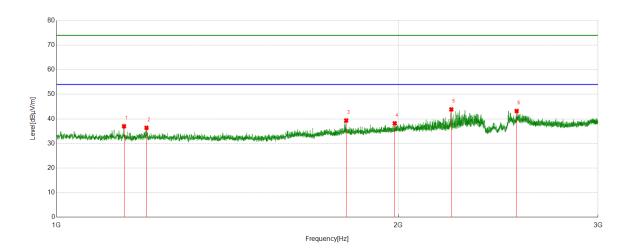


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1469.8087	41.69	-6.53	35.16	74.00	-38.84	peak
2	1800.1	41.48	-4.21	37.27	74.00	-36.73	peak
3	2048.381	40.98	-2.52	38.46	74.00	-35.54	peak
4	2297.4122	42.71	-3.11	39.60	74.00	-34.40	peak
5	2587.4484	43.20	-2.07	41.13	74.00	-32.87	peak
6	2846.9809	41.11	-1.17	39.94	74.00	-34.06	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.

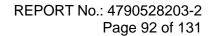


Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

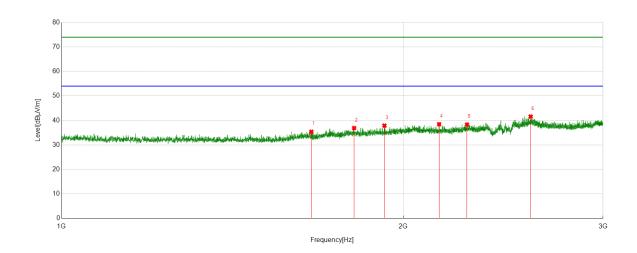


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1146.7683	43.06	-6.06	37.00	74.00	-37.00	peak
2	1200.275	43.03	-6.67	36.36	74.00	-37.64	peak
3	1799.85	43.56	-4.21	39.35	74.00	-34.65	peak
4	1986.1233	41.44	-3.24	38.20	74.00	-35.80	peak
5	2227.6535	47.06	-3.20	43.86	74.00	-30.14	peak
6	2543.4429	45.54	-2.34	43.20	74.00	-30.80	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

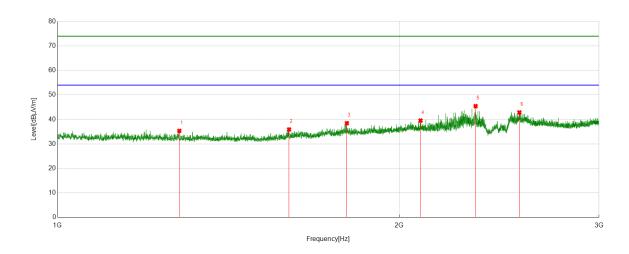


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1660.0825	40.49	-5.10	35.39	74.00	-38.61	peak
2	1810.3513	41.27	-4.38	36.89	74.00	-37.11	peak
3	1925.3657	41.30	-3.42	37.88	74.00	-36.12	peak
4	2151.1439	41.56	-3.11	38.45	74.00	-35.55	peak
5	2276.4096	41.54	-3.22	38.32	74.00	-35.68	peak
6	2590.1988	43.60	-2.01	41.59	74.00	-32.41	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.



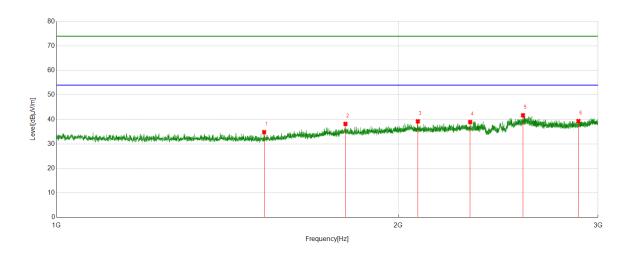
Test Mode	Channel	Polarization	Verdict	
11G	MCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1280.285	41.70	-6.36	35.34	74.00	-38.66	peak
2	1599.5749	41.47	-5.55	35.92	74.00	-38.08	peak
3	1798.5998	42.71	-4.23	38.48	74.00	-35.52	peak
4	2088.6361	42.53	-2.99	39.54	74.00	-34.46	peak
5	2335.4169	48.56	-3.13	45.43	74.00	-28.57	peak
6	2552.194	45.24	-2.37	42.87	74.00	-31.13	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

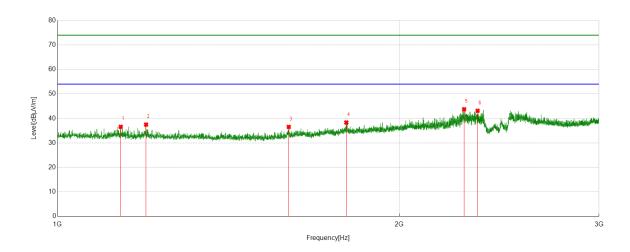


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
			(dB)			(dB)	
1	1523.8155	41.47	-6.64	34.83	74.00	-39.17	peak
2	1797.0996	42.44	-4.25	38.19	74.00	-35.81	peak
3	2081.3852	42.24	-3.00	39.24	74.00	-34.76	peak
4	2314.4143	41.94	-2.99	38.95	74.00	-35.05	peak
5	2576.197	43.92	-2.21	41.71	74.00	-32.29	peak
6	2882.7353	40.29	-0.96	39.33	74.00	-34.67	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.



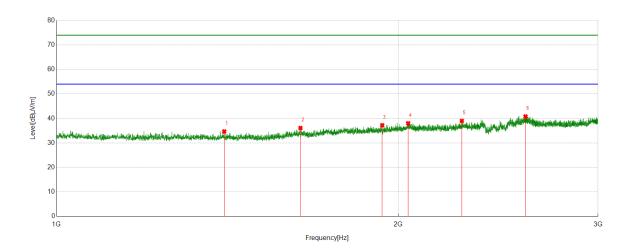
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1136.7671	42.65	-6.06	36.59	74.00	-37.41	peak
2	1196.7746	44.16	-6.66	37.50	74.00	-36.50	peak
3	1598.5748	42.14	-5.59	36.55	74.00	-37.45	peak
4	1796.5996	42.59	-4.26	38.33	74.00	-35.67	peak
5	2281.6602	46.94	-3.19	43.75	74.00	-30.25	peak
6	2344.9181	46.23	-3.10	43.13	74.00	-30.87	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	Horizontal	PASS

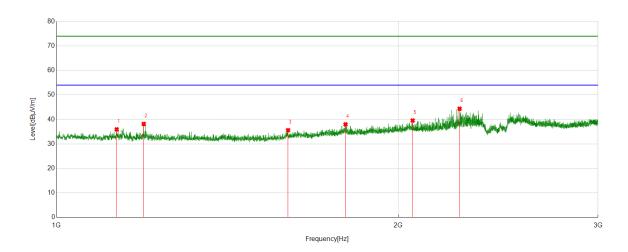


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1405.3007	41.22	-6.53	34.69	74.00	-39.31	peak
2	1640.33	41.43	-5.34	36.09	74.00	-37.91	peak
3	1936.367	40.68	-3.46	37.22	74.00	-36.78	peak
4	2040.8801	40.51	-2.48	38.03	74.00	-35.97	peak
5	2275.6595	42.22	-3.22	39.00	74.00	-35.00	peak
6	2589.4487	42.83	-2.03	40.80	74.00	-33.20	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.



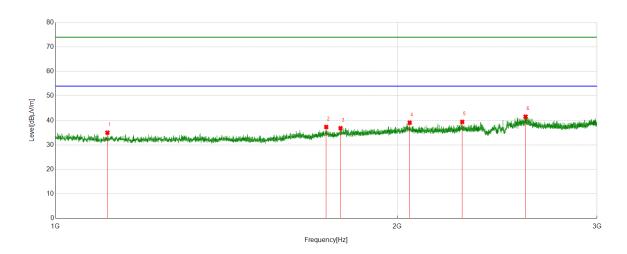
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1129.7662	42.01	-6.05	35.96	74.00	-38.04	peak
2	1193.5242	44.79	-6.63	38.16	74.00	-35.84	peak
3	1599.5749	41.16	-5.55	35.61	74.00	-38.39	peak
4	1797.3497	42.25	-4.25	38.00	74.00	-36.00	peak
5	2059.6325	42.37	-2.82	39.55	74.00	-34.45	peak
6	2265.4082	47.60	-3.23	44.37	74.00	-29.63	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.

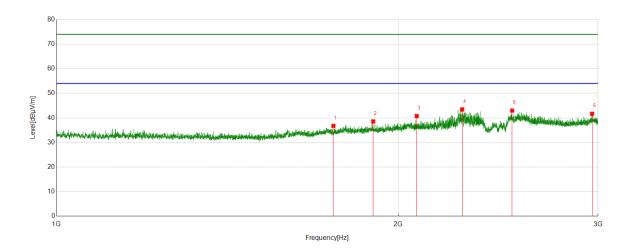
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1111.0139	41.13	-6.13	35.00	74.00	-39.00	peak
2	1731.8415	42.02	-4.69	37.33	74.00	-36.67	peak
3	1782.8479	41.23	-4.38	36.85	74.00	-37.15	peak
4	2051.3814	41.66	-2.57	39.09	74.00	-34.91	peak
5	2282.1603	42.62	-3.19	39.43	74.00	-34.57	peak
6	2594.9494	43.45	-1.88	41.57	74.00	-32.43	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

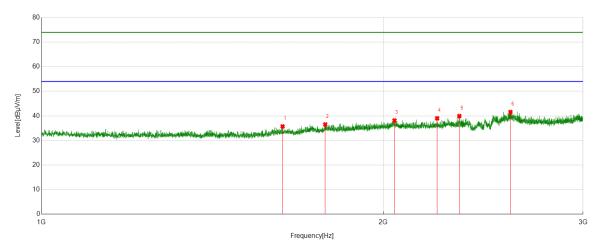


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1753.5942	41.60	-4.87	36.73	74.00	-37.27	peak
2	1901.1126	42.33	-3.76	38.57	74.00	-35.43	peak
3	2076.6346	43.74	-2.99	40.75	74.00	-33.25	peak
4	2277.6597	46.67	-3.21	43.46	74.00	-30.54	peak
5	2520.19	44.74	-1.76	42.98	74.00	-31.02	peak
6	2963.7455	41.32	0.37	41.69	74.00	-32.31	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

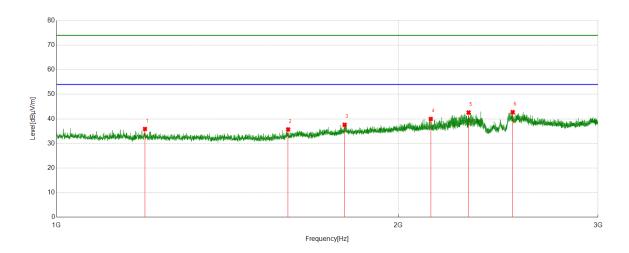


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1630.8289	41.09	-5.37	35.72	74.00	-38.28	peak
2	1778.0973	40.95	-4.44	36.51	74.00	-37.49	peak
3	2046.3808	40.64	-2.51	38.13	74.00	-35.87	peak
4	2231.4039	42.20	-3.20	39.00	74.00	-35.00	peak
5	2334.1668	43.06	-3.13	39.93	74.00	-34.07	peak
6	2589.1986	43.60	-2.03	41.57	74.00	-32.43	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.



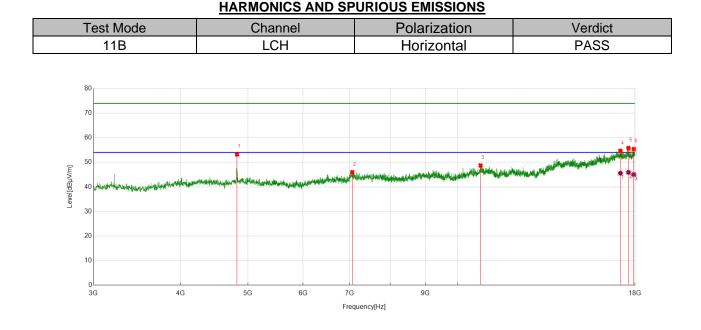
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
	/						
1	1196.5246	42.55	-6.66	35.89	74.00	-38.11	peak
2	1599.825	41.26	-5.54	35.72	74.00	-38.28	peak
3	1794.0993	41.90	-4.30	37.60	74.00	-36.40	peak
4	2136.6421	42.92	-2.95	39.97	74.00	-34.03	peak
5	2306.9134	45.62	-3.03	42.59	74.00	-31.41	peak
6	2523.1904	44.64	-1.89	42.75	74.00	-31.25	peak

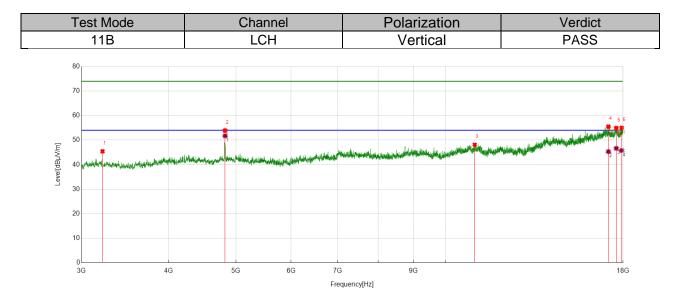
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 7.2.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands 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 47.87 5.35 53.22 74.00 -20.78 peak 2 74.00 -28.04 7063.633 36.79 9.17 45.96 peak 10797.2247 36.67 12.04 48.71 74.00 -25.29 3 peak 19.26 54.62 74.00 35.36 -19.38 peak 4 17148.6436 26.30 19.26 45.56 54.00 -8.44 average 36.22 19.58 55.80 74.00 -18.20 peak 5 17611.8265 54.00 -8.09 26.33 19.58 45.91 average 35.85 19.53 55.38 74.00 -18.62 peak 6 17930.6163 25.49 19.53 45.02 54.00 -8.98 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.



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.652	43.18	2.28	45.46	74.00	-28.54	peak
2	4822.7278	48.53	5.35	53.88	74.00	-20.12	peak
2	4022.1210	46.39	5.35	51.74	54.00	-2.26	average
3	11018.5023	35.62	12.49	48.11	74.00	-25.89	peak
4	17150.5188	36.19	19.31	55.50	74.00	-18.50	peak
4	17150.5166	25.99	19.31	45.30	54.00	-8.70	average
5	17000 4500	35.36	19.57	54.93	74.00	-19.07	peak
5	17602.4503	27.08	19.57	46.65	54.00	-7.35	average
6	0 47040.0040	35.35	19.66	55.01	74.00	-18.99	peak
0	17919.3649	26.11	19.66	45.77	54.00	-8.23	average

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

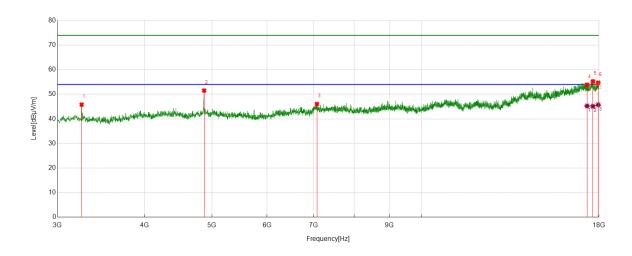
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

- 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.

Form-ULID-008536-9 V2.0



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	3249.4062	43.62	2.18	45.80	74.00	-28.20	peak
2	4873.3592	45.97	5.54	51.51	74.00	-22.49	peak
3	7076.7596	36.67	9.37	46.04	74.00	-27.96	peak
4	17302.4128	35.50	18.35	53.85	74.00	-20.15	peak
4	17302.4120	26.90	18.35	45.25	54.00	-8.75	average
5	17639.955	35.96	19.29	55.25	74.00	-18.75	peak
5	17039.955	25.83	19.29	45.12	54.00	-8.88	average
6	0 47054 0400	35.17	19.58	54.75	74.00	-19.25	peak
0	17951.2439	26.14	19.58	45.72	54.00	-8.28	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.

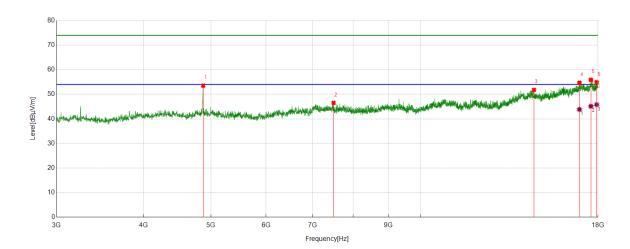
4. Peak: Peak detector.

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

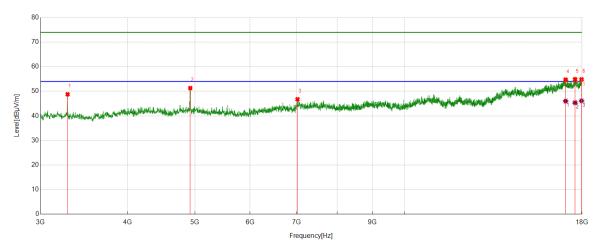


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	48.00	5.54	53.54	74.00	-20.46	peak
2	7502.4378	38.30	8.21	46.51	74.00	-27.49	peak
3	14562.6953	35.58	16.20	51.78	74.00	-22.22	peak
4	16925.4907	35.78	18.88	54.66	74.00	-19.34	peak
4	16925.4907	24.96	18.88	43.84	54.00	-10.16	average
5	17579.9475	36.20	19.69	55.89	74.00	-18.11	peak
5	17579.9475	25.44	19.69	45.13	54.00	-8.87	average
6	0 17001 0400	35.27	19.66	54.93	74.00	-19.07	peak
0	17921.2402	26.12	19.66	45.78	54.00	-8.22	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

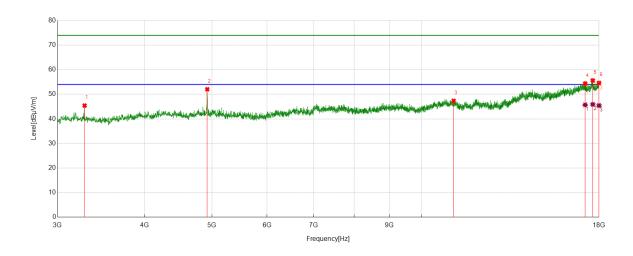


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	45.78	3.01	48.79	74.00	-25.21	peak
2	4923.9905	45.75	5.56	51.31	74.00	-22.69	peak
3	7020.5026	37.47	9.28	46.75	74.00	-27.25	peak
4	17049.2562	34.86	19.86	54.72	74.00	-19.28	peak
4	17049.2002	26.14	19.86	46.00	54.00	-8.00	average
5	17589.3237	35.13	19.75	54.88	74.00	-19.12	peak
5	17009.3237	25.60	19.75	45.35	54.00	-8.65	average
0 47000 0000	35.37	19.50	54.87	74.00	-19.13	peak	
6	17969.9962	26.61	19.50	46.11	54.00	-7.89	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	3281.2852	42.42	3.01	45.43	74.00	-28.57	peak
2	4923.9905	46.48	5.56	52.04	74.00	-21.96	peak
3	11125.3907	35.17	12.18	47.35	74.00	-26.65	peak
4	17191.774	35.16	19.20	54.36	74.00	-19.64	peak
4	1/191.//4	26.49	19.20	45.69	54.00	-8.31	average
5	17630.5788	36.11	19.50	55.61	74.00	-18.39	peak
5	17030.5700	26.39	19.50	45.89	54.00	-8.11	average
6	0 17000 1040	35.05	19.60	54.65	74.00	-19.35	peak
0	17998.1248	25.82	19.60	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.

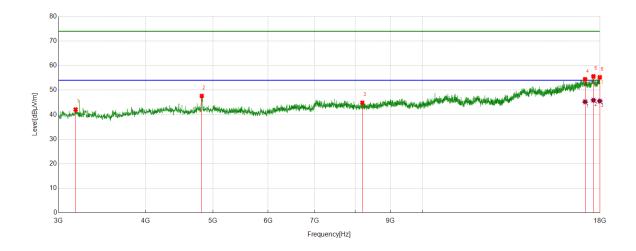
4. Peak: Peak detector.

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
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3174.3968	39.26	2.84	42.10	74.00	-31.90	peak
2	4818.9774	42.34	5.31	47.65	74.00	-26.35	peak
3	8196.2745	36.76	8.09	44.85	74.00	-29.15	peak
4	17131.7665	35.71	18.74	54.45	74.00	-19.55	peak
4	17131.7005	26.51	18.74	45.25	54.00	-8.75	average
5	17609.9512	35.97	19.65	55.62	74.00	-18.38	peak
5	17009.9512	26.23	19.65	45.88	54.00	-8.12	average
6 17983.1229	35.80	19.46	55.26	74.00	-18.74	peak	
0	17903.1229	26.08	19.46	45.54	54.00	-8.46	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.

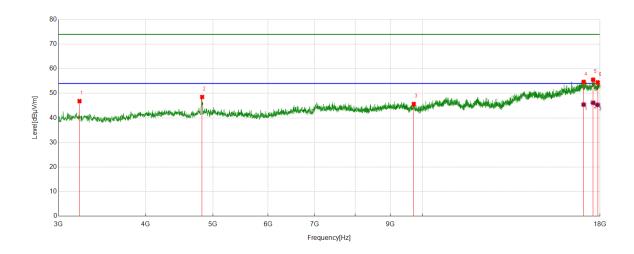
4. Peak: Peak detector.

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

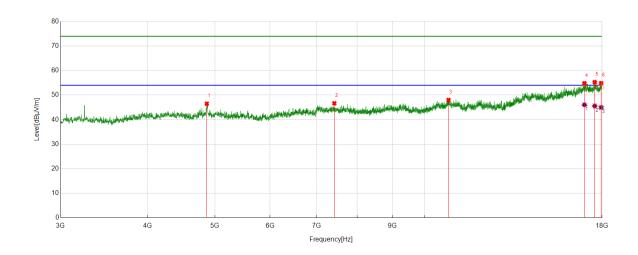


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.652	44.54	2.28	46.82	74.00	-27.18	peak
2	4824.6031	43.14	5.36	48.50	74.00	-25.50	peak
3	9718.9649	36.45	9.21	45.66	74.00	-28.34	peak
4	17051.1314	34.73	19.91	54.64	74.00	-19.36	peak
4	17031.1314	25.49	19.91	45.40	54.00	-8.60	average
5	17591.1989	35.80	19.73	55.53	74.00	-18.47	peak
5	17591.1969	26.41	19.73	46.14	54.00	-7.86	average
0 47000 4070	35.09	19.33	54.42	74.00	-19.58	peak	
6	17863.1079	25.96	19.33	45.29	54.00	-8.71	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	MCH	Horizontal	PASS



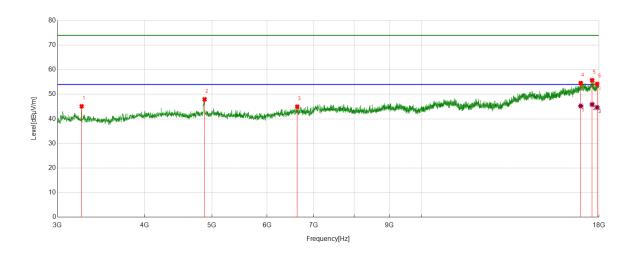
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4867.7335	41.01	5.49	46.50	74.00	-27.50	peak
2	7423.678	38.16	8.51	46.67	74.00	-27.33	peak
3	10830.9789	35.81	12.22	48.03	74.00	-25.97	peak
4	10001 7477	35.03	19.78	54.81	74.00	-19.19	peak
4	16981.7477	26.26	19.78	46.04	54.00	-7.96	average
5	17570.5713	35.23	20.04	55.27	74.00	-18.73	peak
5	1/5/0.5/13	25.54	20.04	45.58	54.00	-8.42	average
6	0 47047 4004	35.34	19.58	54.92	74.00	-19.08	peak
0	17947.4934	25.41	19.58	44.99	54.00	-9.01	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	MCH	Vertical	PASS

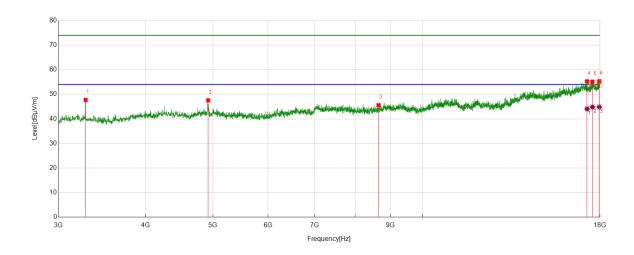


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3249.4062	42.94	2.18	45.12	74.00	-28.88	peak
2	4880.8601	42.44	5.53	47.97	74.00	-26.03	peak
3	6630.4538	36.12	8.88	45.00	74.00	-29.00	peak
4	16942.3678	35.15	19.41	54.56	74.00	-19.44	peak
4	10942.3070	25.83	19.41	45.24	54.00	-8.76	average
5	17593.0741	36.01	19.69	55.70	74.00	-18.30	peak
5	17595.0741	26.17	19.69	45.86	54.00	-8.14	average
0 47000 4440	34.73	19.45	54.18	74.00	-19.82	peak	
6	17893.1116	25.20	19.45	44.65	54.00	-9.35	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	НСН	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	44.72	3.01	47.73	74.00	-26.27	peak
2	4922.1153	41.98	5.57	47.55	74.00	-26.45	peak
3	8648.206	37.16	8.41	45.57	74.00	-28.43	peak
4	17244.2805	36.87	18.37	55.24	74.00	-18.76	peak
4	17244.2005	25.72	18.37	44.09	54.00	-9.91	average
5	17553.6942	35.84	19.25	55.09	74.00	-18.91	peak
5	17555.0942	25.54	19.25	44.79	54.00	-9.21	average
6	0 47050 0000	35.67	19.66	55.33	74.00	-18.67	peak
0	17956.8696	25.17	19.66	44.83	54.00	-9.17	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.