

Fig.A.6.1.51 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 1 GHz-2.5 GHz)

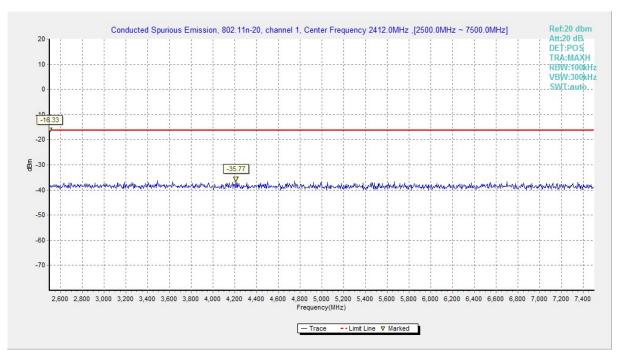


Fig.A.6.1.52 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 2.5 GHz-7.5 GHz)



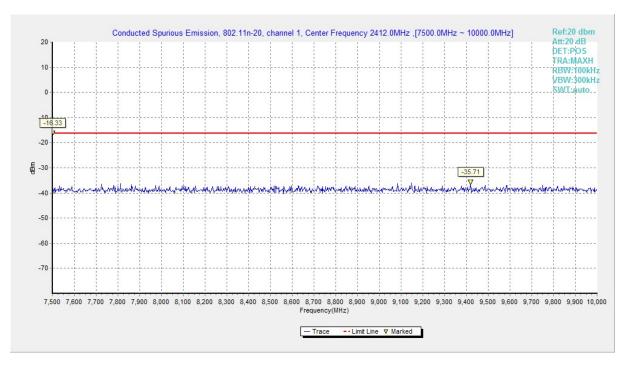


Fig.A.6.1.53 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 7.5 GHz-10 GHz)

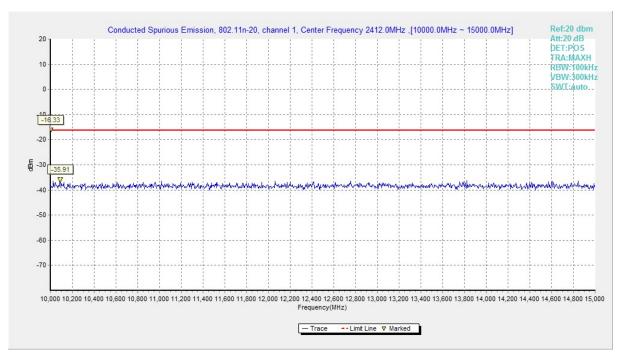


Fig.A.6.1.54 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 10 GHz-15 GHz)



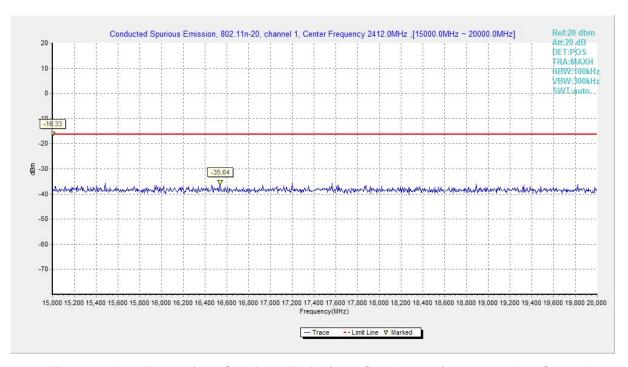


Fig.A.6.1.55 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 15 GHz-20 GHz)

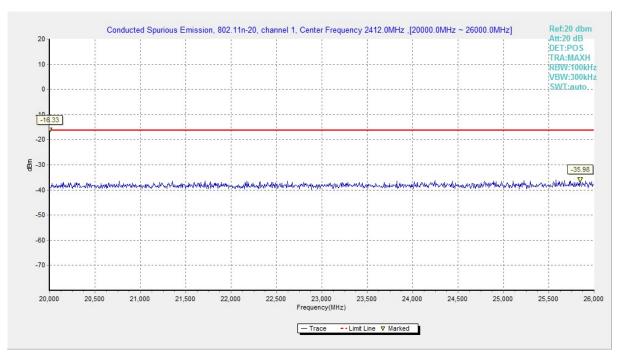


Fig.A.6.1.56 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 20 GHz-26 GHz)



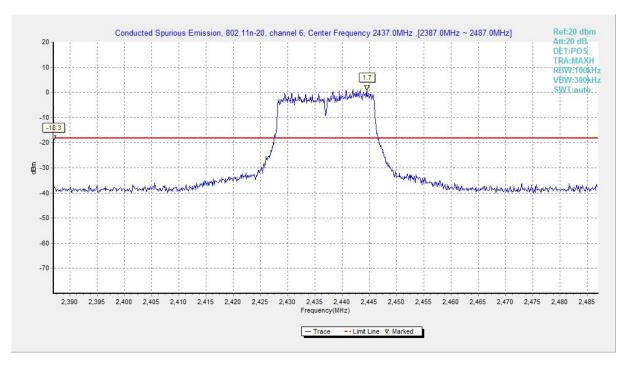


Fig.A.6.1.57 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, Center Frequency)

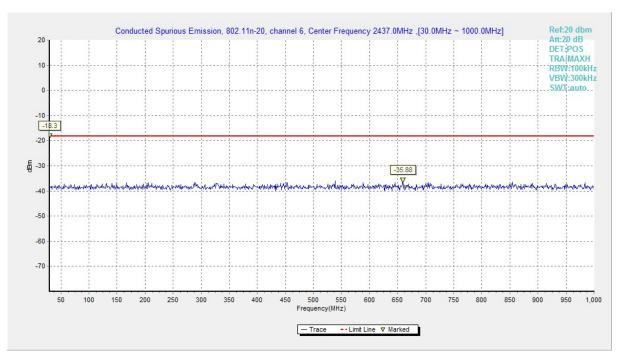


Fig.A.6.1.58 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 30 MHz-1 GHz)



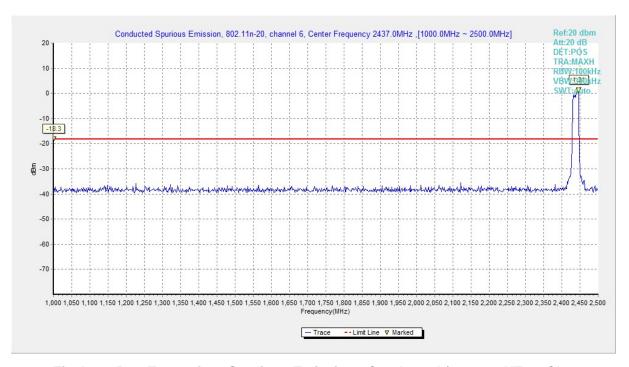


Fig.A.6.1.59 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 1 GHz-2.5 GHz)

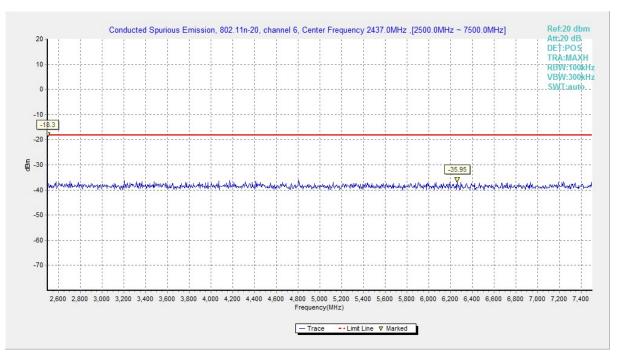


Fig.A.6.1.60 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 2.5 GHz-7.5 GHz)



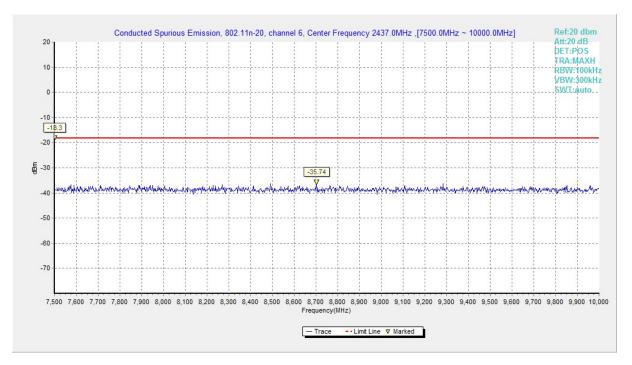


Fig.A.6.1.61 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 7.5 GHz-10 GHz)

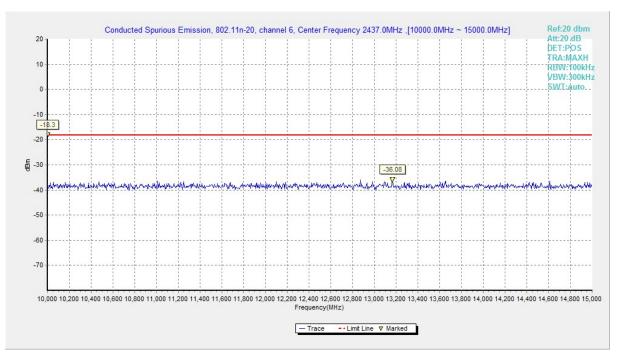


Fig.A.6.1.62 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 10 GHz-15 GHz)



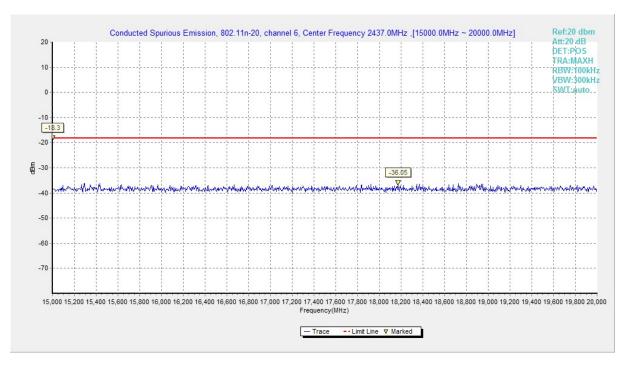


Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)

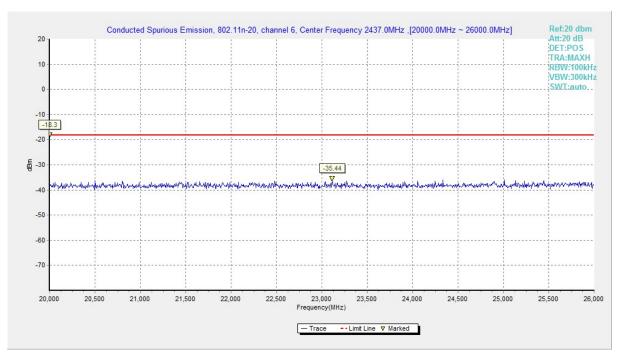


Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)



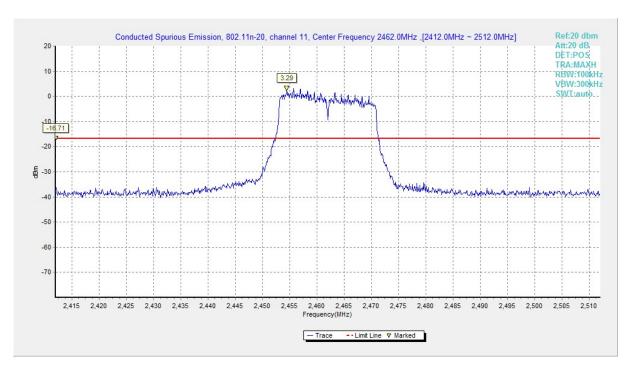


Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)

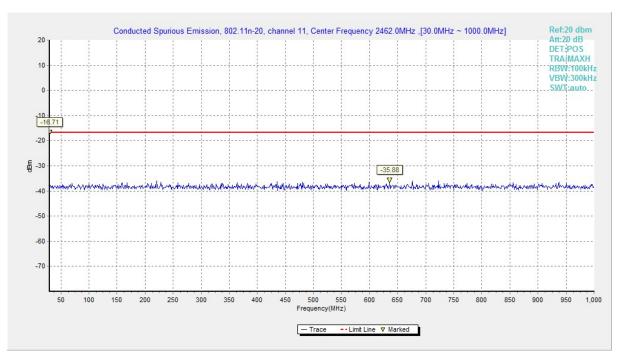


Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)



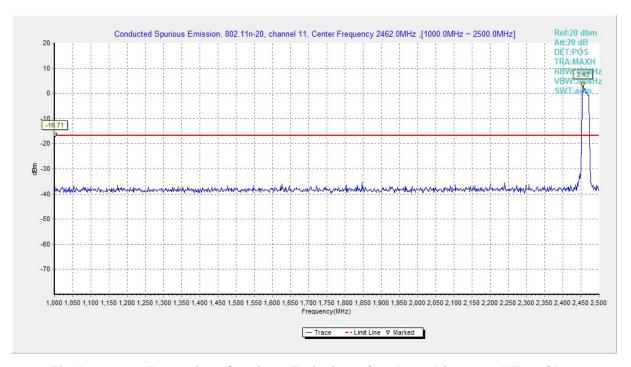


Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)

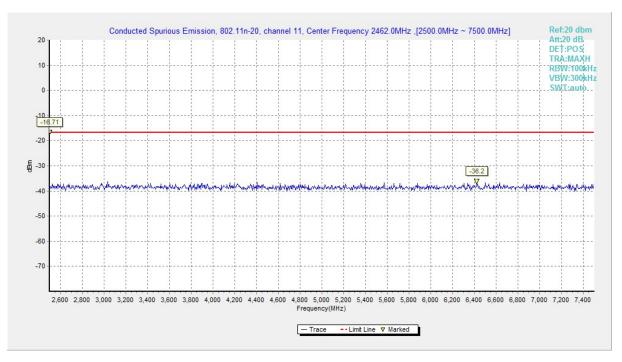


Fig.A.6.1.68 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 2.5 GHz-7.5 GHz)



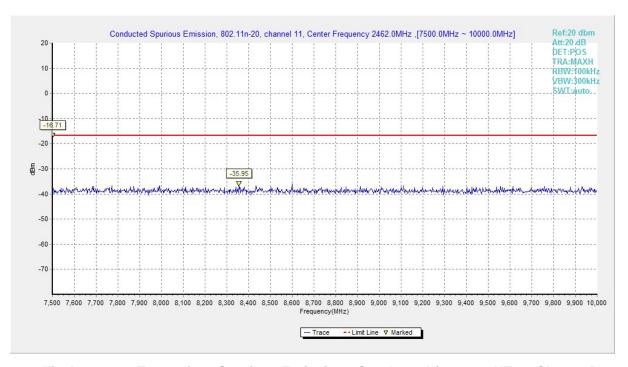


Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)

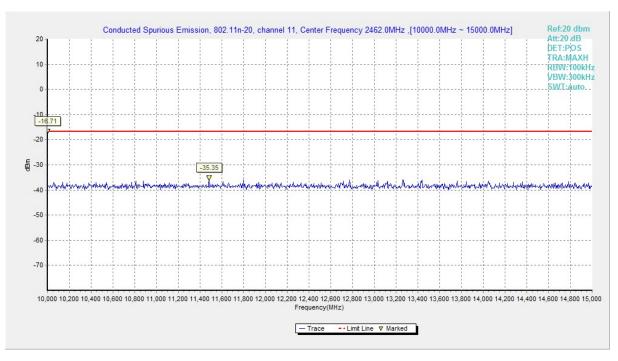


Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)



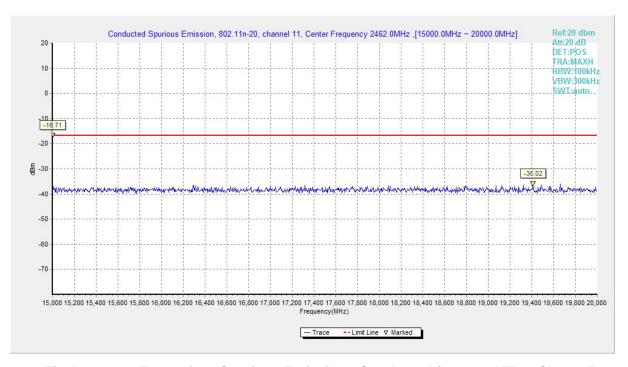


Fig.A.6.1.71 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 15 GHz-20 GHz)

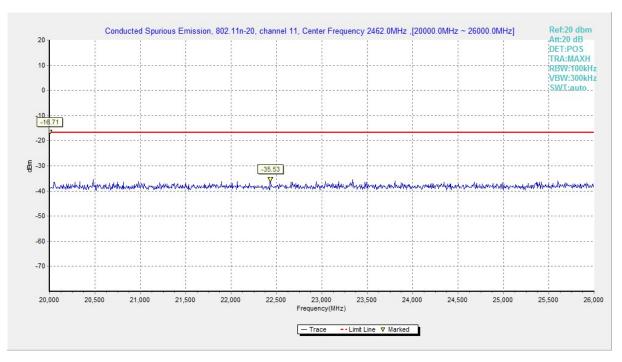


Fig.A.6.1.72 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 20 GHz-26 GHz)



#### A.6.2 Transmitter Spurious Emission - Radiated

# Method of Measurement: See ANSI C63.10-2013-clause 6.4 &6.5 & 6.6 Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

#### Limit in restricted band:

Frequency of emission	Field strength(uV/m)	Field strength(dBuV/m)
(MHz)		
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Frequency (MHz)	Field strength(µV/m)	Measurement distance
rioqueries (iiii iz)	1 101α σα στιθατί(μ τ/πτ)	(m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

#### **Test Condition**

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission	RBW/VBW	Sweep Time(s)
(MHz)		
30-1000	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

**EUT ID: EUT1** 



## **Measurement Results:**

## 802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
	Power	2.38GHz ~2.45GHz	Fig.A.6.2.1	Р
	1	1 GHz ~ 3 GHz	Fig.A.6.2.2	Р
	'	3 GHz ~ 18 GHz	Fig.A.6.2.3	Р
		9 kHz ~30 MHz	Fig.A.6.2.4	Р
	6	30 MHz ~1 GHz	Fig.A.6.2.5	Р
802.11b		1 GHz ~ 3 GHz	Fig.A.6.2.6	Р
		3 GHz ~ 18 GHz	Fig.A.6.2.7	Р
		18 GHz~ 26.5 GHz	Fig.A.6.2.8	Р
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.9	Р
	11	1 GHz ~ 3 GHz	Fig.A.6.2.10	Р
	11	3 GHz ~ 18 GHz	Fig.A.6.2.11	Р

# 802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
	Power	2.38GHz ~2.43GHz	Fig.A.6.2.12	Р
	1	1 GHz ~ 3 GHz	Fig.A.6.2.13	Р
	I	3 GHz ~ 18 GHz	Fig.A.6.2.14	Р
		30 MHz ~1 GHz	Fig.A.6.2.15	Р
902 11 a	6	1 GHz ~ 3 GHz	Fig.A.6.2.16	Р
802.11g	0	3 GHz ~ 18 GHz	Fig.A.6.2.17	Р
		18 GHz~ 26.5 GHz	Fig.A.6.2.18	Р
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.19	Р
	11	1 GHz ~ 3 GHz	Fig.A.6.2.20	Р
	11	3 GHz ~ 18 GHz	Fig.A.6.2.21	Р

## 802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
	Power	2.38GHz ~2.45GHz	Fig.A.6.2.22	Р
	4	1 GHz ~ 3 GHz	Fig.A.6.2.23	Р
	1	3 GHz ~ 18 GHz	Fig.A.6.2.24	Р
		30 MHz ~1 GHz	Fig.A.6.2.25	Р
802.11n	6 Power	1 GHz ~ 3 GHz	Fig.A.6.2.26	Р
(HT20)		3 GHz ~ 18 GHz	Fig.A.6.2.27	Р
		18 GHz~ 26.5 GHz	Fig.A.6.2.28	Р
		2.45GHz ~2.5GHz	Fig.A.6.2.29	Р
	11	1 GHz ~ 3 GHz	Fig.A.6.2.30	Р
	11	3 GHz ~ 18 GHz	Fig.A.6.2.31	Р



**Conclusion: Pass** 

#### Note:

A "reference path loss" is established and the  $A_{Rpl}$  is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

 $\ensuremath{P_{\text{Mea}}}$  is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result=P<sub>Mea</sub>+A<sub>Rpl=</sub> P<sub>Mea</sub>+Cable Loss+Antenna Factor

#### 802.11b

#### Ch1

Fraguenov/MUz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
2389.455	55.0	-38.8	27.7	66.100	Н
17982.750	58.1	-17.7	45.6	30.200	V
17910.750	57.5	-18.5	45.6	30.400	V
17876.250	57.4	-18.5	45.6	30.300	Н
17998.500	57.4	-17.7	45.6	29.500	V
17970.000	57.3	-17.7	45.6	29.400	Н

#### Ch6

Fraguanov/MUz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
17984.250	57.7	-17.7	45.6	29.800	Н
17934.750	57.5	-17.7	45.6	29.600	Н
17967.750	57.2	-17.7	45.6	29.300	Н
17934.000	57.2	-17.7	45.6	29.300	Н
17996.250	57.0	-17.7	45.6	29.100	Н
17985.000	57.0	-17.7	45.6	29.100	V

#### Ch11

Eroguepov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
2487.195	55.3	-38.9	27.7	66.500	V
17945.250	57.3	-17.7	45.6	29.400	V
17961.000	57.3	-17.7	45.6	29.400	Н
17979.000	57.2	-17.7	45.6	29.300	Н
17994.000	57.1	-17.7	45.6	29.200	Н
17928.000	57.1	-17.7	45.6	29.200	V



# 802.11g

Ch1

Fraguenov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
2389.265	69.3	-38.8	27.7	80.400	Н
17995.500	57.4	-17.7	45.6	29.500	Н
17901.000	57.3	-18.5	45.6	30.200	V
17967.750	57.2	-17.7	45.6	29.300	V
17962.500	57.2	-17.7	45.6	29.300	V
17987.250	57.1	-17.7	45.6	29.200	V

## Ch6

Fraguenov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
17898.750	57.6	-18.5	45.6	30.500	Н
17994.750	57.4	-17.7	45.6	29.500	V
17991.750	57.4	-17.7	45.6	29.500	V
17868.750	57.1	-18.5	45.6	30.000	V
17887.500	57.1	-18.5	45.6	30.000	V
17896.500	57.0	-18.5	45.6	29.900	Н

## Ch11

Fraguanov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	V/m) Loss(dB) Factor (dBuV/m)		(dBuV/m)	
2484.005	66.3	-38.9	27.7	77.500	Н
17989.500	57.8	-17.7	45.6	29.900	V
17988.000	57.6	-17.7	45.6	29.700	Н
17993.250	57.0	-17.7	45.6	29.100	V
17911.500	57.0	-18.5	45.6	29.900	V
17862.000	56.9	-18.5	45.6	29.800	Н

## 802.11n-HT20

Ch1

Fraguenov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	(dBuV/m) Loss(dB) Factor (dBuV		(dBuV/m)	
2389.340	67.8	-38.8	27.7	78.900	V
17967.000	57.9	-17.7	45.6	30.000	V
17901.000	57.8	-18.5	45.6	30.700	Н
17908.500	57.4	-18.5	45.6	30.300	Н
17886.750	57.2	-18.5	45.6	30.100	V
17961.000	57.2	-17.7	45.6	29.300	Н



## Ch6

Fragueney/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
17946.000	57.5	-17.7	45.6	29.600	V
17967.750	56.9	-17.7	45.6	29.000	Н
17873.250	56.9	-18.5	45.6	29.800	Н
17962.500	56.8	-17.7	45.6	28.900	V
17889.750	56.8	-18.5	45.6	29.700	V
17979.000	56.8	-17.7	45.6	28.900	Н

#### Ch11

Fraguanov/MHz)	Result	Cable	Antenna	P <sub>Mea</sub>	Polarization
Frequency(MHz)	(dBuV/m)	Loss(dB)	Factor	(dBuV/m)	
2483.770	65.7	-38.9	27.7	76.900	V
17949.000	57.7	-17.7	45.6	29.800	V
17973.000	57.3	-17.7	45.6	29.400	V
17892.750	57.1	-18.5	45.6	30.000	Н
17873.250	56.9	-18.5	45.6	29.800	Н
17928.000	56.7	-17.7	45.6	28.800	Н

# Test graphs as below:

RE-Power\_2.38G-2.43GHz

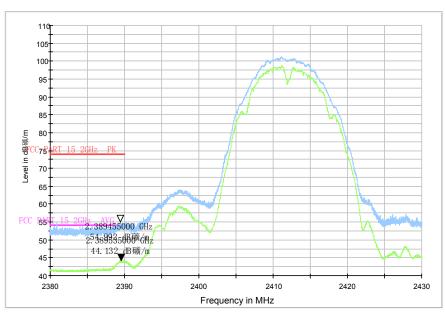


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz - 2.45GHz



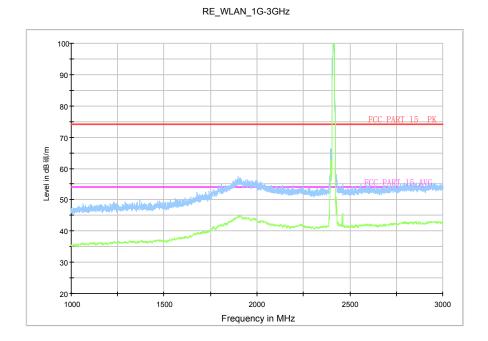


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 1 GHz-3 GHz)

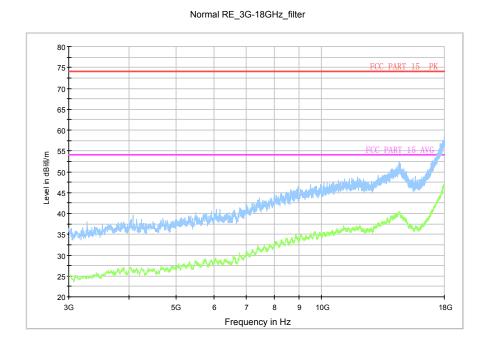


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 3 GHz-18 GHz)



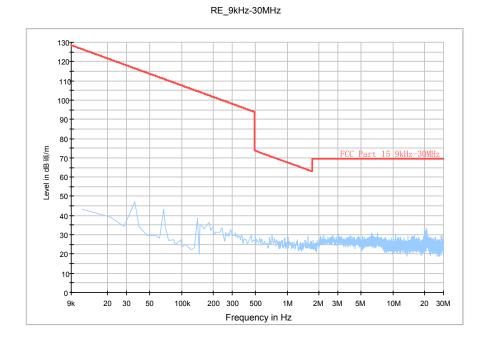


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 9kHz-30 MHz)

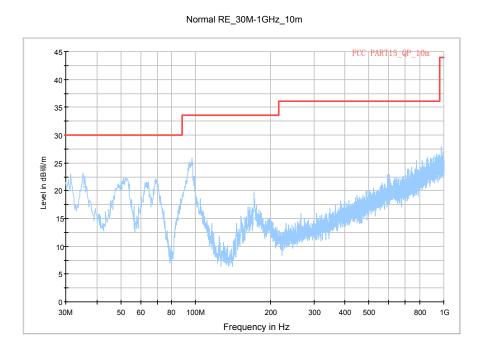


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 30 MHz-1 GHz)



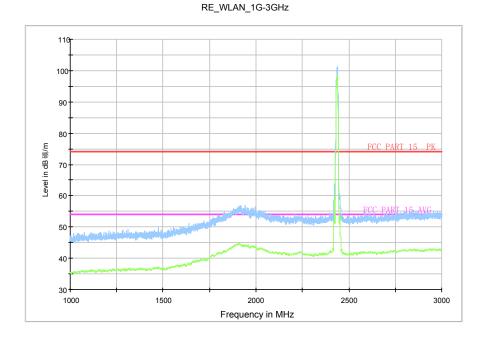


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 1 GHz-3 GHz)

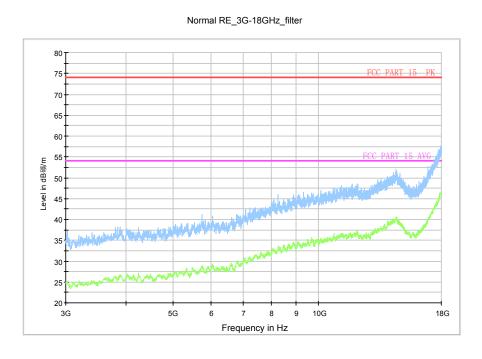


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 3 GHz-18 GHz)



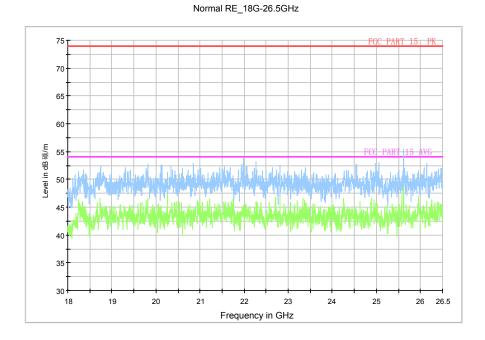


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 18GHz – 26.5GHz)

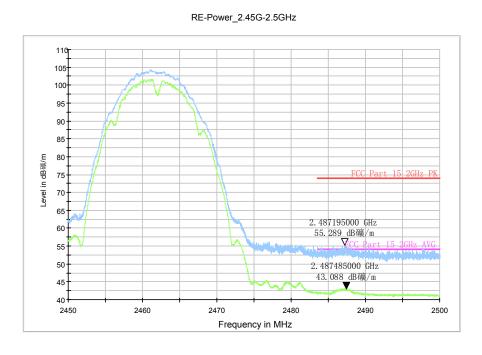


Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz



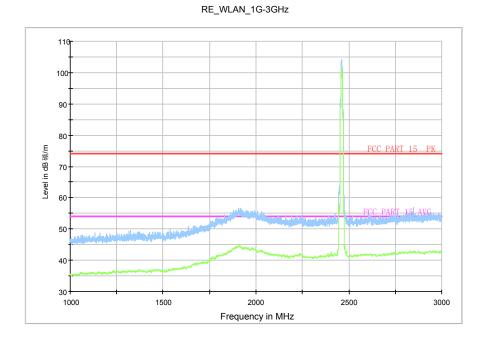


Fig.A.6.2.10 Transmitter Spurious Emission - Radiated (802.11b, Ch11, 1 GHz-3 GHz)

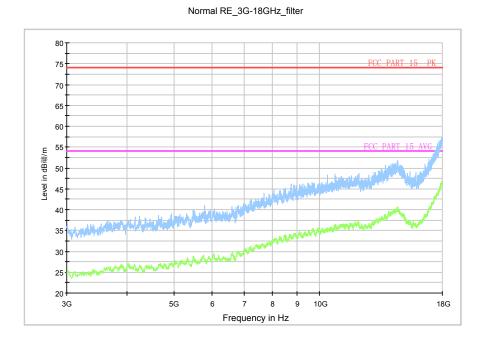


Fig.A.6.2.11 Transmitter Spurious Emission - Radiated (802.11b, Ch11, 3 GHz-18 GHz)



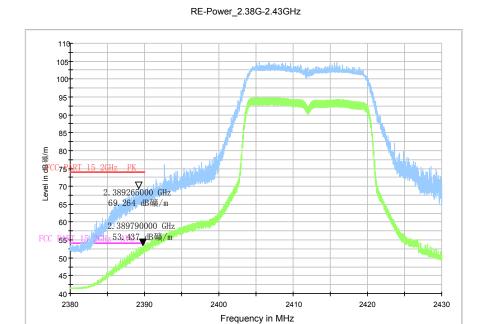


Fig.A.6.2.12 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz

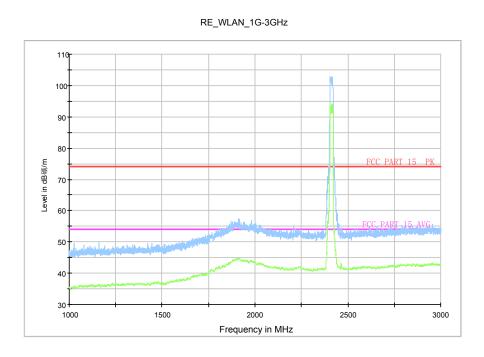


Fig.A.6.2.13 Transmitter Spurious Emission - Radiated (802.11g, Ch1, 1 GHz-3 GHz)



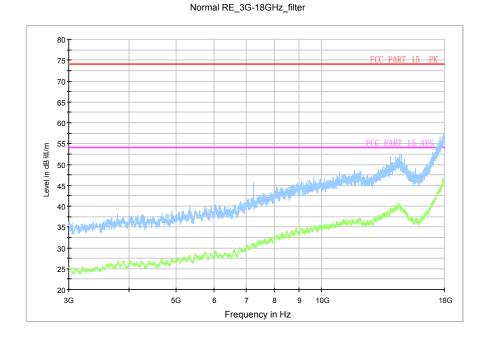


Fig.A.6.2.14 Transmitter Spurious Emission - Radiated (802.11g, Ch1, 3 GHz-18 GHz)

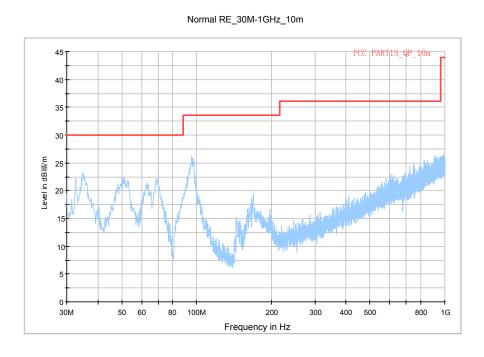


Fig.A.6.2.15 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 30 MHz-1 GHz)



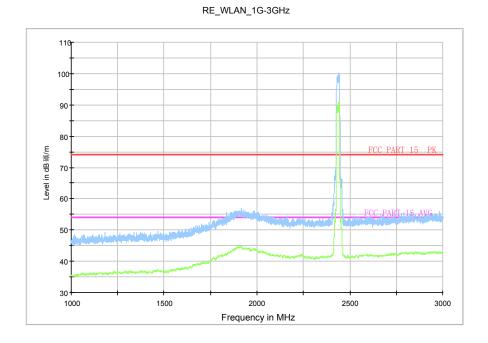


Fig.A.6.2.16 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 1 GHz-3 GHz)

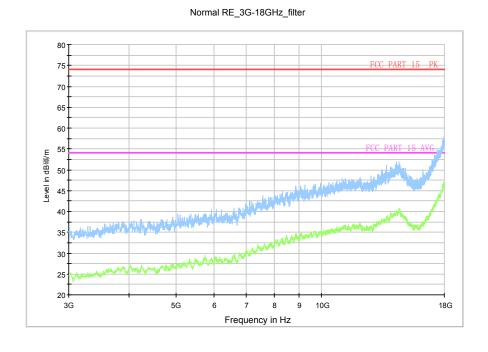


Fig.A.6.2.17 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 3 GHz-18 GHz)



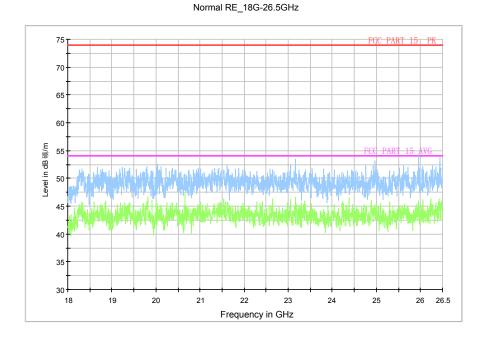


Fig.A.6.2.18 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 18GHz – 26.5GHz)

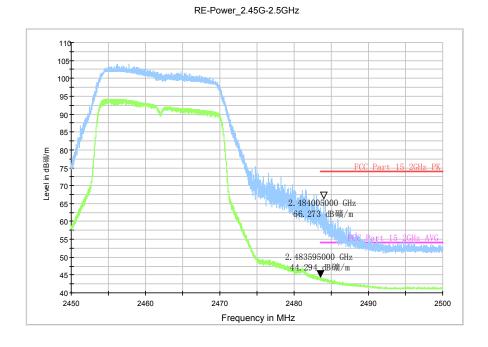


Fig.A.6.2.19 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz



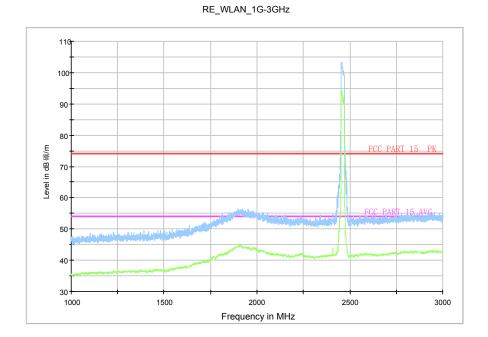


Fig.A.6.2.20 Transmitter Spurious Emission - Radiated (802.11g, Ch11, 1 GHz-3 GHz)

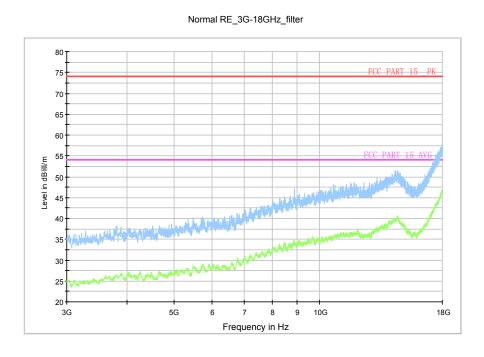


Fig.A.6.2.21 Transmitter Spurious Emission - Radiated (802.11g, Ch11, 3 GHz-18 GHz)



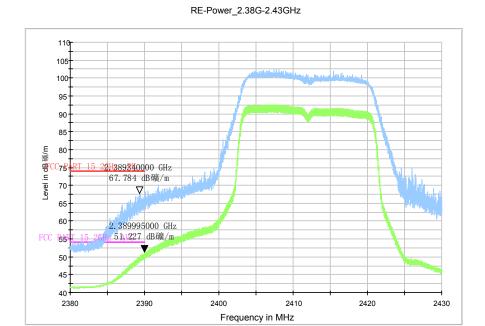


Fig.A.6.2.22 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.45GHz

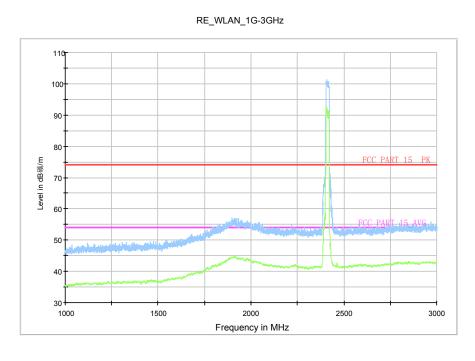


Fig.A.6.2.23 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch1, 1 GHz-3 GHz)



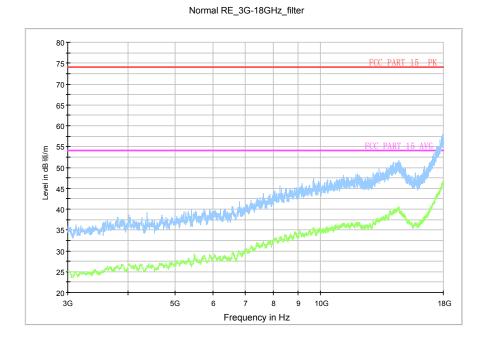


Fig.A.6.2.24 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch1, 3 GHz-18 GHz)

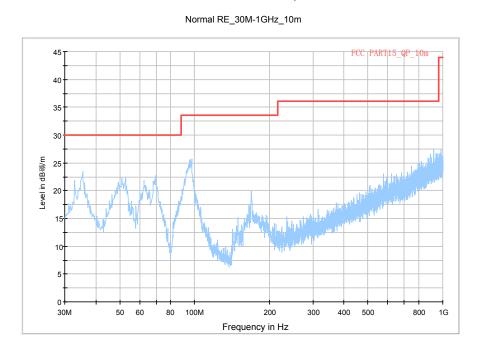


Fig.A.6.2.25 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 30 MHz-1 GHz)



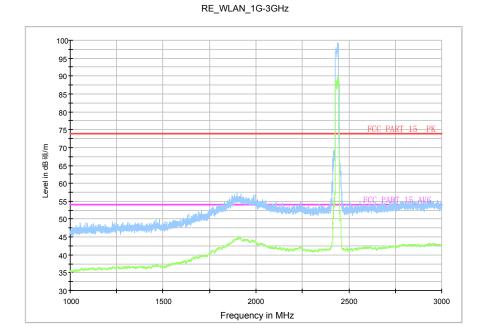


Fig.A.6.2.26 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 1 GHz-3 GHz)

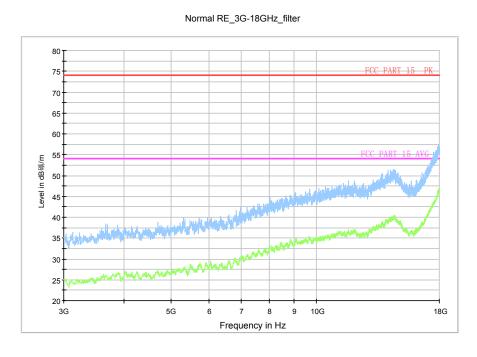


Fig.A.6.2.27 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 3 GHz-18 GHz)



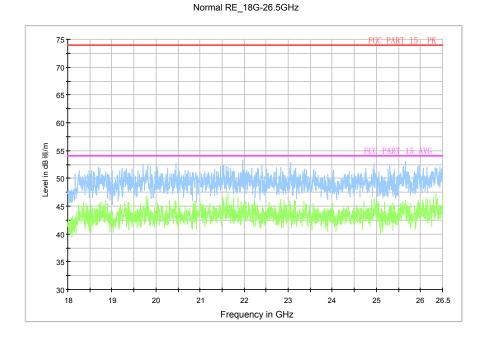


Fig.A.6.2.28 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 18GHz – 26.5GHz)

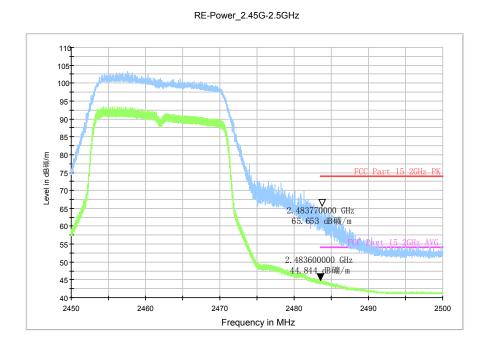


Fig.A.6.2.29 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz



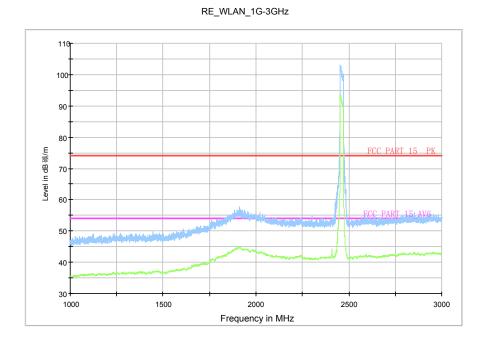


Fig.A.6.2.30 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch11, 1 GHz-3 GHz)

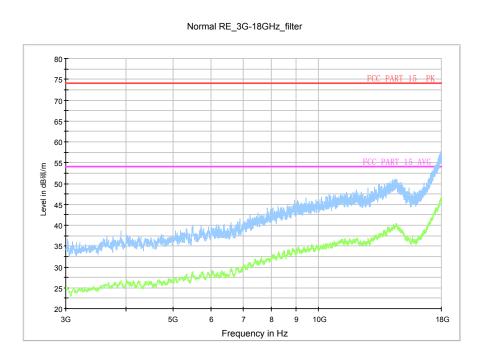


Fig.A.6.2.31 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch11, 3 GHz-18 GHz)



## A.7. AC Power-line Conducted Emission

#### Method of Measurement: See ANSI C63.10-2013-clause 6.2

- 1 The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.
- 2 If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.
- The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.
- If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.
- If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.36 Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

#### **Test Condition:**

Voltage (V)	Frequency (Hz)
120	60



## **Measurement Result and limit:**

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result ( With ch	Conclusion		
(111112)	Επιπε (αΒμν)	802.11b	ldle		
0.15 to 0.5	66 to 56				
0.5 to 5	56	Fig.A.7.1	Fig.A.7.2	Р	
5 to 30	60				

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

## WLAN (Average Limit)

Frequency range	Average Limit		Result (dBμV) With charger				
(MHz)	(dBμV)	802.11b	Idle				
0.15 to 0.5	56 to 46						
0.5 to 5	46	Fig.A.7.1	Fig.A.7.2	Р			
5 to 30	50						

NOTE: The limit decreases linearly with the logarithm of the frequency in the range  $0.15\,\mathrm{MHz}$  to  $0.5\,\mathrm{MHz}$ .

**Conclusion: Pass** 

Test graphs as below:



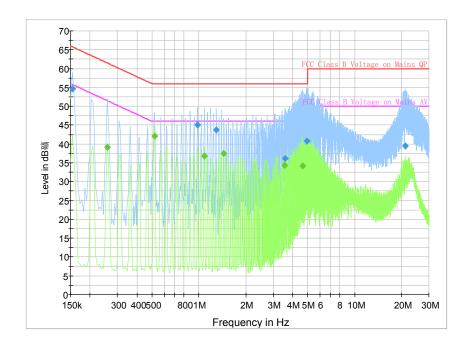


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dB 礦)	Time	(kHz)			(dB)	(dB)	(dB 礦)
		(ms)						
0.154500	54.6	2000.0	9.000	On	L1	19.9	11.1	65.8
0.982500	45.1	2000.0	9.000	On	N	19.7	10.9	56.0
1.293000	43.8	2000.0	9.000	On	N	19.6	12.2	56.0
3.570000	36.1	2000.0	9.000	On	N	19.7	19.9	56.0
4.947000	40.7	2000.0	9.000	On	L1	19.6	15.3	56.0
21.147000	39.5	2000.0	9.000	On	N	20.1	20.5	60.0

Final Result 2

Frequency	CAverage	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dB 礦)	Time	(kHz)			(dB)	(dB)	(dB 礦)
		(ms)						
0.258000	39.1	2000.0	9.000	On	L1	19.8	12.4	51.5
0.519000	42.2	2000.0	9.000	On	L1	19.8	3.8	46.0
1.086000	36.8	2000.0	9.000	On	N	19.7	9.2	46.0
1.446000	37.5	2000.0	9.000	On	N	19.7	8.5	46.0
3.565500	34.4	2000.0	9.000	On	N	19.7	11.6	46.0
4.645500	34.2	2000.0	9.000	On	L1	19.6	11.8	46.0



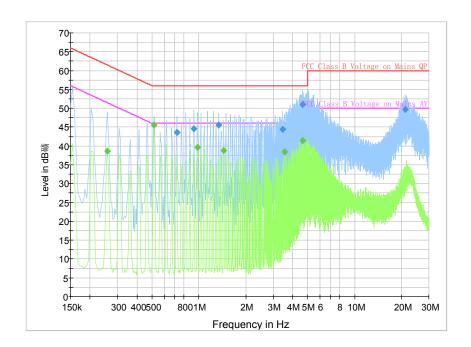


Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

## Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dB 礦)	Time	(kHz)			(dB)	(dB)	(dB 礦)
		(me)						
0.721500	43.6	2000.0	9.000	On	N	19.8	12.4	56.0
0.928500	44.5	2000.0	9.000	On	N	19.7	11.5	56.0
1.342500	45.5	2000.0	9.000	On	N	19.6	10.5	56.0
3.453000	44.4	2000.0	9.000	On	N	19.6	11.6	56.0
4.627500	51.1	2000.0	9.000	On	L1	19.6	4.9	56.0
21.093000	49.6	2000.0	9.000	On	N	20.2	10.4	60.0

#### Final Result 2

i iiidi i (Codit 2								
Frequency	CAverage	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dB 礦)	Time	(kHz)			(dB)	(dB)	(dB 礦)
		(ms)						
0.258000	38.7	2000.0	9.000	On	L1	19.8	12.8	51.5
0.514500	45.5	2000.0	9.000	On	L1	19.8	0.5	46.0
0.978000	39.6	2000.0	9.000	On	L1	19.7	6.4	46.0
1.441500	38.7	2000.0	9.000	On	N	19.7	7.3	46.0
3.556500	38.4	2000.0	9.000	On	N	19.7	7.6	46.0
4.627500	41.5	2000.0	9.000	On	L1	19.6	4.5	46.0



## **ANNEX B: Accreditation Certificate**



**China National Accreditation Service for Conformity Assessment** 

#### LABORATORY ACCREDITATION CERTIFICATE

(No. CNAS L0570)

Telecommunication Technology Labs,

Academy of Telecommunication Research, MIIT

No.52, Huayuan North Road, Haidian District, Beijing, China No.51, Xueyuan Road, Haidian District, Beijing, China

to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing and calibration.

The scope of accreditation is detailed in the attached schedule bearing the same accreditation number as above. The schedule forms an integral part of this certificate.

Date of Issue: 2014-10-29
Date of Expiry: 2017-06-19

Date of Initial Accreditation: 1998-07-03



Signed on behalf of China National Accreditation Service for Conformity Assessment

China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is the signatory to International Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (ILAC MRA) and Asia Pacific Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (APLAC MRA).

No.CNASAL2

0011149