

TEST REPORT



Report No. : KES-RF240933 Page 1 / 84 KES Co., Ltd.

#3002, #3503, #3701, 40, Simin-daero365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea Tel: +82-31-425-6200, Fax: +82-31-341-3838

■ FCC TEST REPORT

1. Client

o Name: LINKFLOW Co., Ltd.

o Address: 3,4F, 54, Nonhyeon-ro 2-gil, Gangnam-gu, Seoul, South Korea

2. Sample Description

Product item : P SeriesModel name : LF-P3000

Derivative Model name : LF-P3300Manufacturer etc. : LINKFLOW Co., Ltd.

3. Date of test: 2024.12.11 ~ 2024.12.26

4. Location of Test: ☑ Permanent Testing Lab ☐ On Site Testing

o Adress: 473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, Korea

5. Test method used: Part 15 Subpart C 15.247

6. Test result: PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

This laboratory is not accredited for the test results marked *.

This test report is not related to KOLAS accreditation.

Affirmation	Tested by		Technical Manager	
	Name : Gu-Bong, Kang	(Signature)	Name: Yeong-Jun Cho	(Signature)

2025 . 01. 21.

KES Co., Ltd.

Accredited by KOLAS, Republic of KOREA



REPORT REVISION HISTORY

Date	Test Report No.	Revision History
2025.01.21	KES-RF240933	Initial

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Use of uncertainty of measurement for decisions on conformity (decision rule):

- No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty("simple acceptance" decision rule, previously known as "accuracy method").
- ☐ Other (to be specified, for example when required by the standard or client)





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1. General information

Applicant: LINKFLOW Co., Ltd.

Applicant address: 3,4F, 54, Nonhyeon-ro 2-gil, Gangnam-gu, Seoul, South Korea

Test site: KES Co., Ltd.

Test site address: #3002, #3503, #3701, 40, Simin-daero365beon-gil,

Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea

Test Facility FCC Accreditation Designation No.: KR0100, Registration No.: 444148

FCC rule part(s): 15.247

FCC ID: 2AVCKLFP3300

Test device serial No.: Production Pre-production Engineering

1.1. EUT description

Equipment under test P Series

2 402 MHz ~ 2 480 MHz (BDR, EDR): 79 ch

Frequency range & Number of channels

2 402 Mb ~ 2 480 Mb (LE 1/2 Mbps): 40 ch

2 412 Mt ~ 2 462 Mt (802.11b/g/n_HT20): 11 ch

2 422 Mb ~ 2 452 Mb (802.11n_HT40): 7 ch

5 180 MHz ~ 5 240 MHz (802.11a/n_HT20/ac_VHT20): 4 ch

UNII-1 5 190 Mt ~ 5 230 Mt (802.11n_HT40/ac_VHT40): 2 ch

5 210 № (802.11ac_VHT80): 1 ch

5 745 MHz ~ 5 825 MHz (802.11a/n_HT20/ac_VHT20): 5 ch

UNII-3 5 755 Mb ~ 5 795 Mb (802.11n HT40/ac VHT40): 2 ch

5 775 Mtz (802.11ac_VHT80): 1 ch

Model LF-P3000 Derivative Model LF-P3300

Modulation technique GFSK, DSSS, OFDM

Antenna specification 2.4 Hz band FPCB Antenna // Peak gain: 1.58 dBi

UNII-1 band FPCB Antenna // Peak gain: $3.70~\mathrm{dBi}$

UNII-3 band FPCB Antenna // Peak gain: 3.49 dBi

Power source DC 3.85 V (Battery)

H/W version v1.0 S/W version v1.0

1.2. Test configuration

The <u>LINKFLOW Co., Ltd. // P Series // LF-P3000 // FCC ID: 2AVCKLFP3300</u> was tested according to the specification of EUT, the EUT must comply with following standards and KDB documents.

FCC Part 15.247 KDB 558074 D01 v05 r02 ANSI C63.10-2013



1.3. Information about derivative model

Derivative model **LF-P3300** has no electrical, circuitry, appearance, or color differences from the basic model **LF-P3000**. It is simply a way to manage different names for different vendors.

1.4. Accessory information

Equipment	Manufacturer	Model	Serial No.	Power source
-	-	-	-	-

1.5. Device modifications

N/A

1.6. Sample calculation

Where relevant, the following sample calculation is provided For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
=
$$0.75 + 10 = 10.75$$
 (dB)

For Radiation test:

Field strength level ($^{dB}\mu V/m$) = Measured level ($^{dB}\mu V$) + Antenna factor (dB) + Cable loss (dB) - Amplifier gain (dB)

1.7. Worst case data rate

1. Worst-case data rates were:

802.11b : 1 Mbps 802.11g : 6 Mbps

802.11n_HT20/40: MCS0

1.8. Measurement Uncertainty

Test Item		Uncertainty
Uncertainty for Conduction emission test		2.22 dB (SHIELD ROOM#6)
Uncertainty for Radiation emission test	Below 1 GHz	4.04 dB (SAC #6)
(include Fundamental emission)	Above 1 GHz	5.32 dB (SAC #5)
Note. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence		

Note. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.





1.8. Frequency/channel operations

Ch.	Frequency (Mb)	Rate(Mbps)
00	2 402	BDR 1 Mbps, EDR 2 Mbps, EDR 3 Mbps
		:
40	2 442	BDR 1 Mbps, EDR 2 Mbps, EDR 3 Mbps
		:
78	2 480	BDR 1 Mbps, EDR 2 Mbps, EDR 3 Mbps

Ch.	Frequency (₩z)	Rate(Mbps)
00	2 402	LE 1 Mbps, LE 2 Mbps
:		
20	2 442	LE 1 Mbps, LE 2 Mbps
:		
39	2 480	LE 1 Mbps, LE 2 Mbps

Ch.	Frequency (Mb)	Mode
1	2 412	802.11b/g/n_HT20
:	·	:
6	2 437	802.11b/g/n_HT20
:	:	i.
11	2 462	802.11b/g/n_HT20

Ch.	Frequency (Mb)	Mode
3	2 422	802.11n_HT40
	·	:
6	2 437	802.11n_HT40
	·	:
9	2 452	802.11n_HT40





UNII-1

UNII-3

Ch.	Frequency (眦)
36	5 180
44	5 220
48	5 240

Ch.	Frequency (酏)
149	5 745
157	5 785
165	5 825

802.11a/n_HT20/ac_VHT20 mode

UNII-1

UNII-3

Ch.	Frequency (쌘)
38	5 190
46	5 230

Ch.	Frequency (Mb)	
151	5 755	
159	5 795	

802.11n_HT40/ac_VHT40 mode

UNII-1

UNII-3

Ch.	Frequency (畑)	
42	5 210	

Ch.	Frequency (Mb)
155	5 775

802.11ac_VHT80 mode





2. Summary of tests

Section in FCC Part 15	Test description	Test results
15.247(a)(2)	6 dB bandwidth	Pass
15.247(b)(3)	Output power	Pass
15.247(e)	Power spectral density	Pass
15.205 15.209	Radiated restricted band and emission	Pass
15.247(d)	Conducted spurious emission and band edge	Pass
15.207(a)	AC Conducted emissions	Pass
15.203	Antenna Requirement	Pass

Note.

- 1. The EUT does not support simultaneous operation of BT & WLAN.
- 2. By the request of applicant, test is performed with power setting value below:

Mode	2.4 GHz		
Wode	Frequency (₩z)	Setting value	
LE 1 Mbps	2 402 ~ 2 480	Default	
LE 2 Mbps	2 402 ~ 2 400	Default	
802.11b (1 Mbps)		13	
802.11g (6 Mbps)	2 412 ~ 2 462	F1 : 11 F2 : 13 F3 : 11	
802.11n_HT20 (MCS0)		F1 : 8 F2 : 13 F3 : 10	
802.11n_HT40 (MCS0)	2 422 ~ 2 452	F1 : 6 F2 : 15 F3 : 8	



3. Test results

3.1. 6 dB bandwidth

Test procedure

ANSI C63.10-2013 - Section 11.8.2

Test setup		
EUT	Attenuator	Spectrum
		analyzer

ANSI C63.10-2013 - Section 11.8.2

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW \geq 3 x RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be \geq 6 dB.

Limit

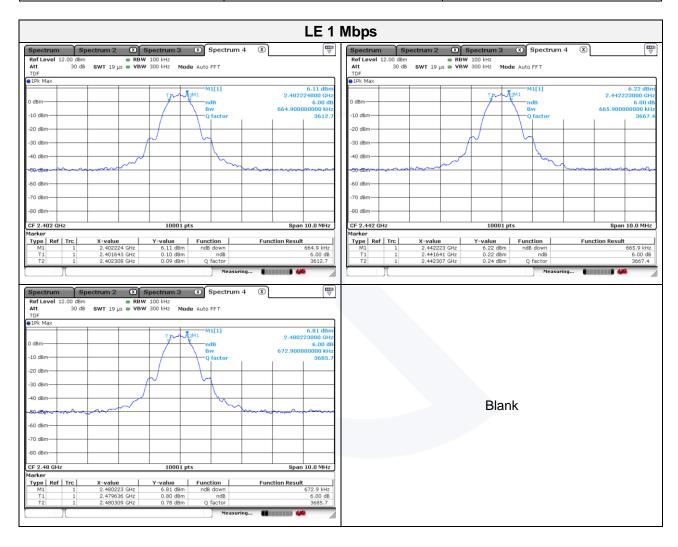
According to §15.247(a)(2), systems using digital modulation techniques may operate 902 \sim 928 Mb, 2 400 \sim 2 483.5 Mb, and 5 725 \sim 5 850 Mb bands. The minimum 6 dB bandwidth shall be at least 500 kb.





Test results Mode: LE 1 Mbps

Frequency(胚)	6 dB bandwidth(Mb)	Limit(Mb)
2 402	0.66	
2 442	0.67	≥ 0.500
2 480	0.67	

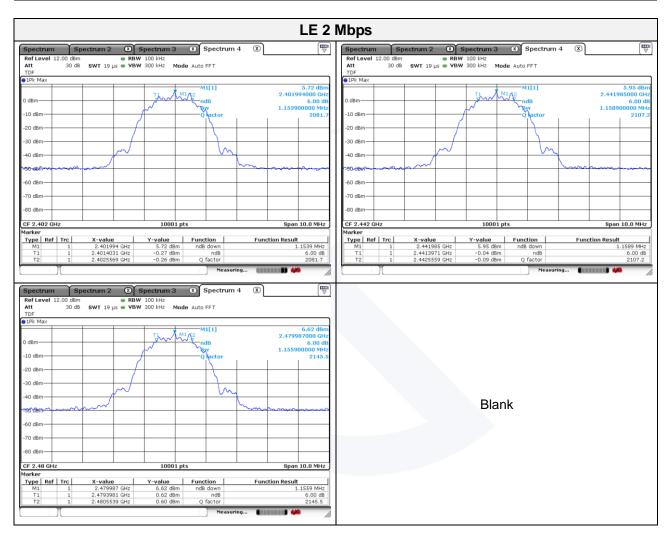






Mode: LE 2 Mbps

Frequency(胚)	6 dB bandwidth(Mb)	Limit(Mb)
2 402	1.15	
2 442	1.16	≥ 0.500
2 480	1.16	

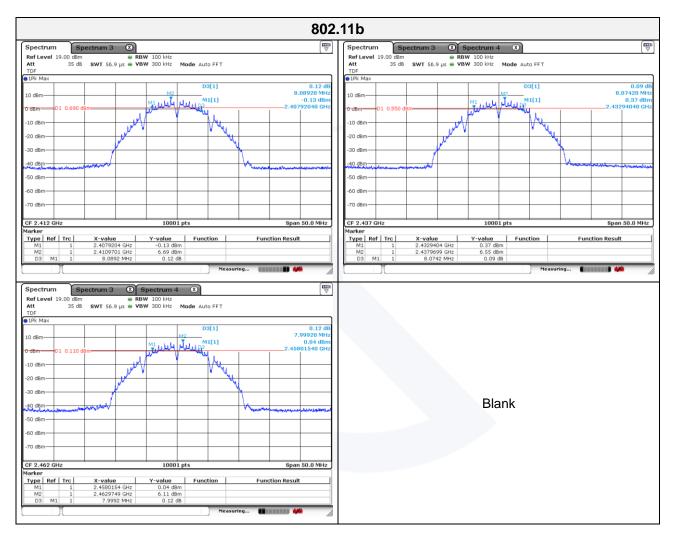






Mode: 802.11b

Frequency(Mb)	6 dB bandwidth(胚)	Limit(Mb)
2 412	8.09	
2 437	8.07	≥ 0.500
2 462	8.00	

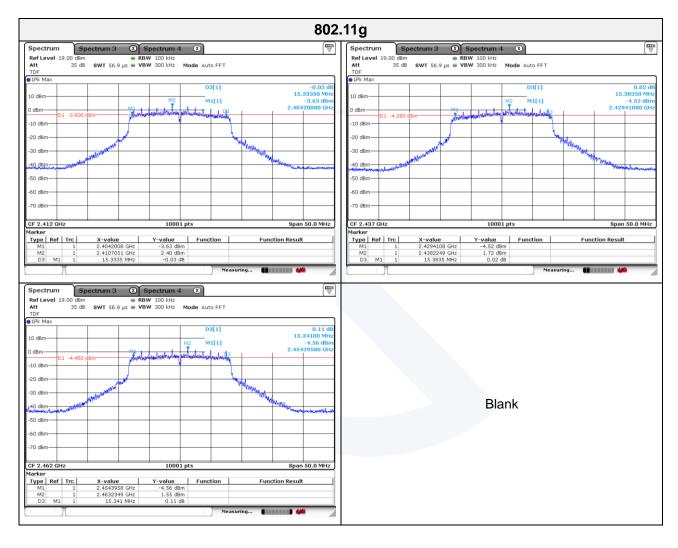






Mode: 802.11g

Frequency(M½)	6 dB bandwidth(Mb)	Limit(脈)
2 412	15.33	
2 437	15.38	≥ 0.500
2 462	15.34	

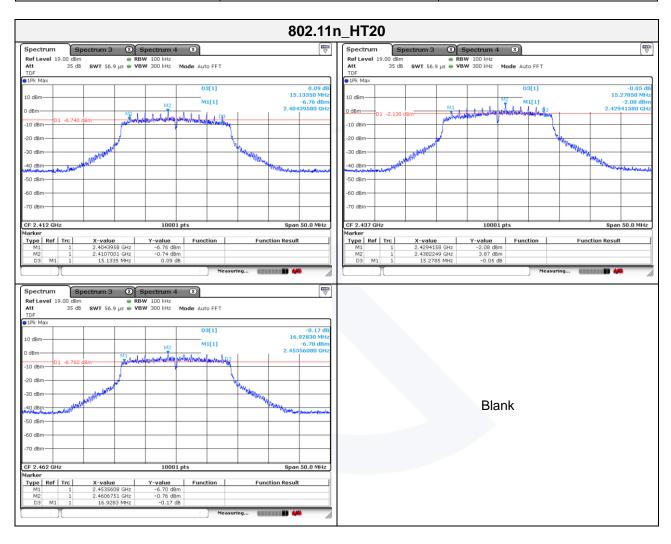






Mode: 802.11n_HT20

Frequency(Mb)	6 dB bandwidth(Mb)	Limit(脈)
2 412	15.13	
2 437	15.28	≥ 0.500
2 462	16.93	

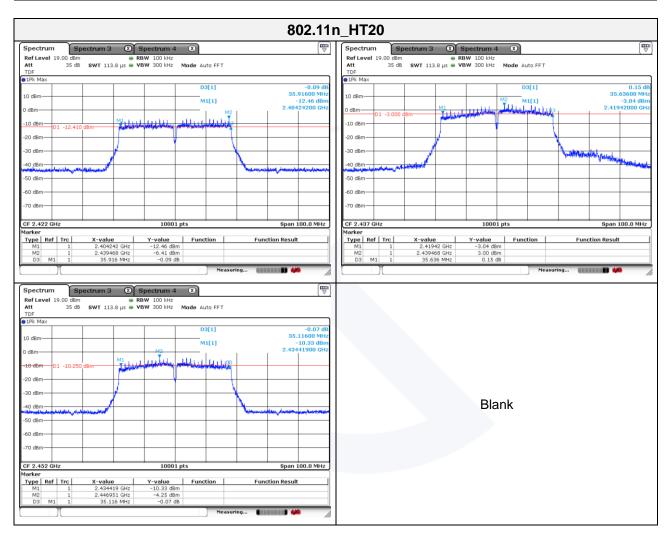






Mode: 802.11n_HT40

Frequency(Mb)	6 dB bandwidth(Mb)	Limit(脈)
2 422	35.92	
2 437	35.64	≥ 0.500
2 452	35.12	





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3.2. Output power

Test procedure

ANSI C63.10-2013 - Section 11.9.1.3 and 11.9.2.3.2



ANSI C63.10-2013 - Section 11.9.1.3

The maximum peak conducted output power may be measured using a broadband peak RF power m eter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandw idth and shall use a fast-responding diode detector.

ANSI C63.10-2013 - Section 11.9.2.3.2

Alternatively, measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

Limit

According to §15.247(b)(3), For systems using digital modulation in the 902~928 Mb, 2 400~2 483.5 Mb, and 5 725~5 850 Mb bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted out-put power. Maximum Conducted Out-put Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.





Test results

	2 40	2 MHz	2 44	2 M±z	2 48	O MHz	
Mode	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Power Limit (dBm)
LE 1 Mbps	5.63	5.94	5.83	6.10	6.49	6.72	30.00
LE 2 Mbps	5.57	6.16	5.76	6.32	6.48	7.00	30.00

	2 41	2 MHz	2 43	7 MHz	2 46	2 MHz	
Mode	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Power Limit (dBm)
802.11b	13.89	16.14	13.86	16.08	13.38	15.57	
802.11g	11.40	16.26	13.44	18.20	11.16	15.74	30.00
802.11n _HT20	8.31	13.43	13.21	18.20	10.29	14.98	

	2 42	2 422 MHz 2 437 MHz 2 452 MHz		MHz 2 437 MHz 2			
Mode	Average	Peak	Average	Peak	Average	Peak	Power Limit (dBm)
	(dB m)	(dB m)	(dBm)	(dB m)	(dBm)	(dB m)	
802.11n _HT40	7.10	13.55	16.23	22.07	8.69	14.35	30.00



3.3. Power spectral density

Test procedure

ANSI C63.10-2013 - Section 11.10.2

Test setup	_		_	
EUT		Attenuator		Spectrum analyzer

Section 10.2 & ANSI C63.10-2013 - Section 11.10.2

- a. Set analyzer center frequency to DTS channel center frequency.
- b. Set the span to 1.5 times the DTS bandwidth.
- c. Set the RBW to 3 kHz ≤ RBW ≤ 100 kHz
- d. Set the VBW \geq [3 × RBW].
- e. Detector = peak.
- f. Sweep time = auto couple.
- g. Trace mode = max hold.
- h. Allow trace to fully stabilize.
- i. Use the peak marker function to determine the maximum amplitude level within the RBW.
- j. If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

Limit

According to §15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kBm band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

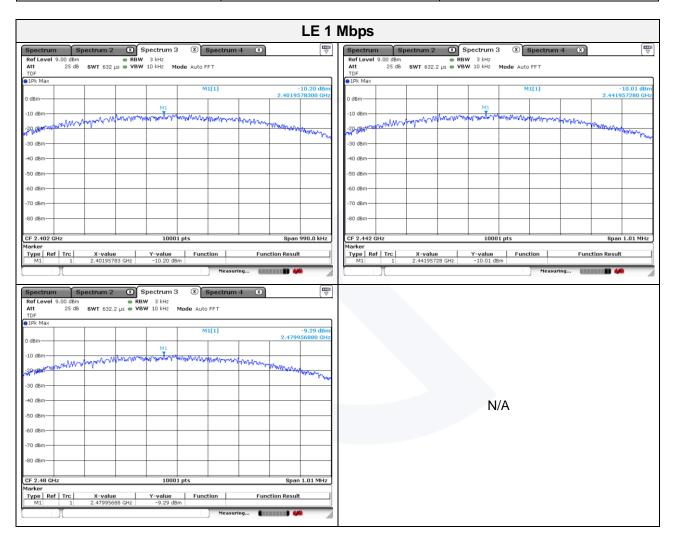




Results

Mode: LE 1Mbps

Frequency(Mt/z)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)
2 402	-10.20	
2 442	-10.01	≤ 8
2 480	-9.29	

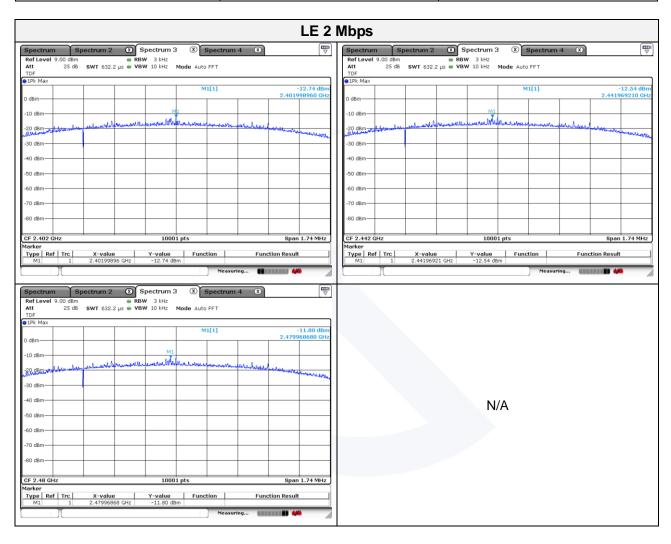






Mode: LE 2 Mbps

Frequency(₩²)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)
2 402	-12.74	
2 442	-12.54	≤ 8
2 480	-11.80	

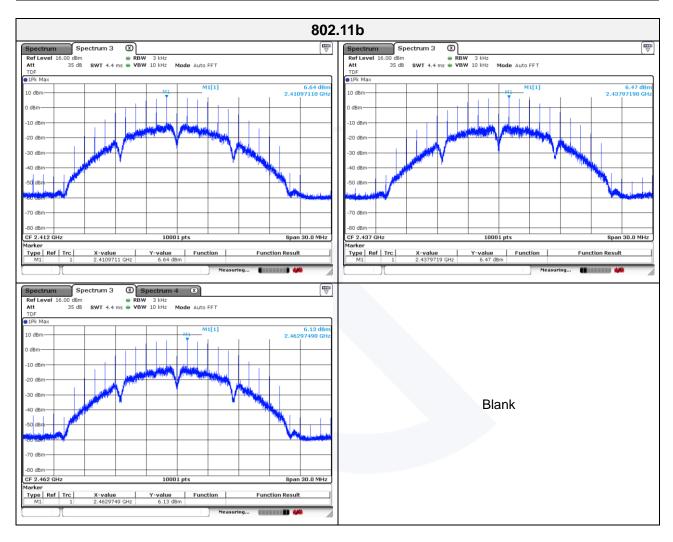






Mode: 802.11b

Frequency(₩²)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)
2 412	6.64	
2 437	6.47	≤ 8
2 462	6.13	

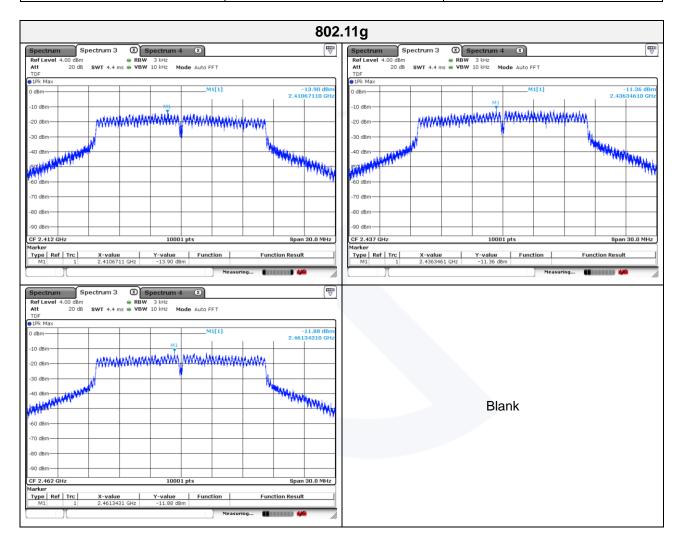






Mode: 802.11g

Frequency(₩²)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)			
2 412	-13.90				
2 437	-11.36	≤ 8			
2 462	-11.88				

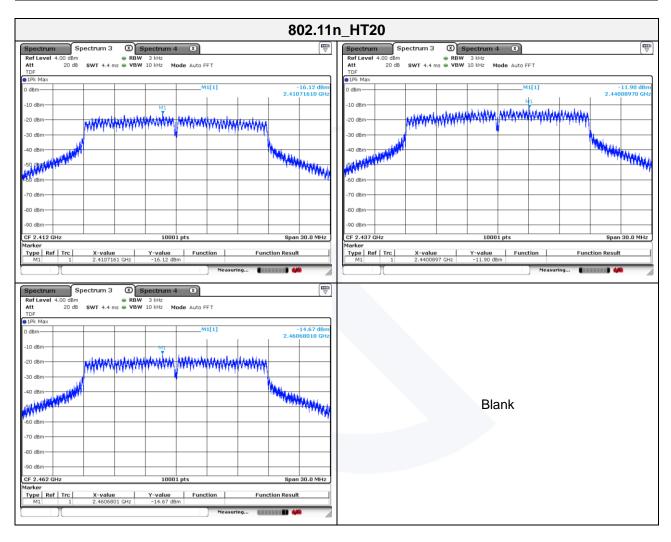






Mode: 802.11n_HT20

Frequency(Mb)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)
2 412	-16.12	
2 437	-11.90	≤ 8
2 462	-14.67	

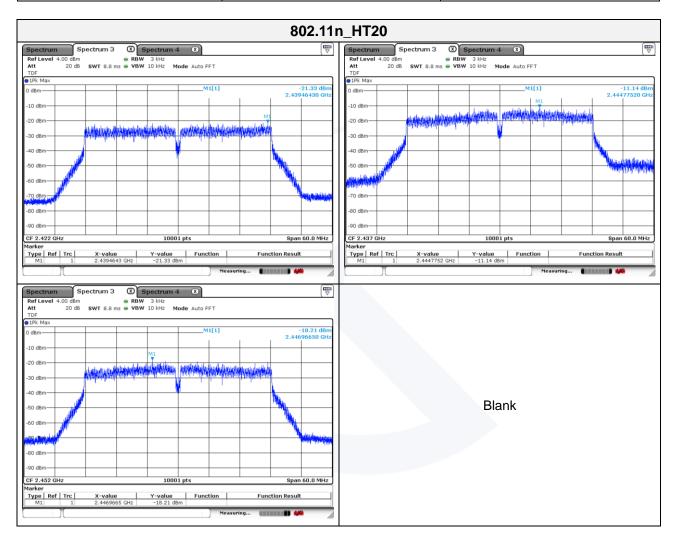






Mode: 802.11n_HT40

Frequency(Mt/z)	PSD (dBm/3 kHz)	Limit(dBm/3 kHz)
2 422	-21.33	
2 437	-11.14	≤ 8
2 452	-18.21	



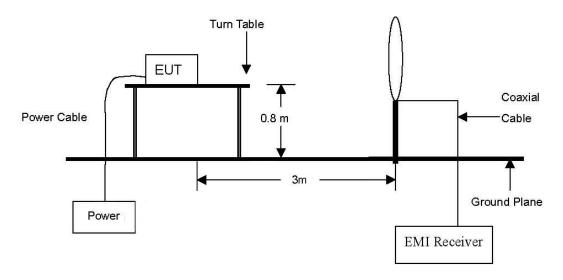


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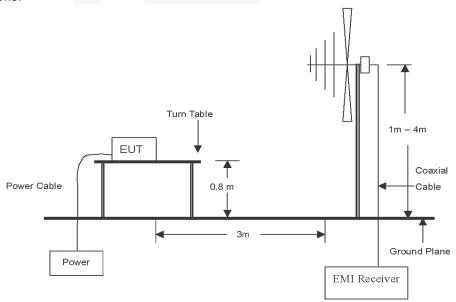
3.4. Radiated restricted band and emissions

Test setup

The diagram below shows the test setup that is utilized to make the measurements for emission from 9 $\,\mathrm{kll}$ to 30 $\,\mathrm{Mlz}$ Emissions.



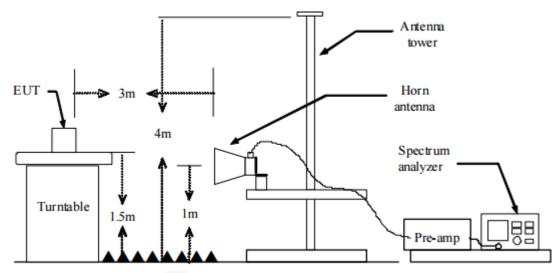
The diagram below shows the test setup that is utilized to make the measurements for emission from 30 $\,\mathrm{Mz}$ to 1 $\,\mathrm{GL}$ emissions.







The diagram below shows the test setup that is utilized to make the measurements for emission from 1 to the tenth harmonic of the highest fundamental frequency or to 40 messions, whichever is lower.



Test procedure

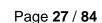
Radiated emissions from the EUT were measured according to the dictates in section 11.11 & 11.12 of ANSI C63.10-2013.

Test procedure below 30 Mb

- 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. Then antenna is a loop antenna is fixed at one meter above the ground to determine the maximum value of the field strength. Both parallel, ground parallel and perpendicular of the antenna are set to make the measurement. It was determined that **parallel** was worst-case orientation; therefore, all final radiated testing was performed with the EUT in **parallel**.
- 3. For each suspected emission, the EUT was arranged to its worst case and then the table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to average or quasi peak detect function and Specified Bandwidth with Maximum hold mode.

Test procedure above 30 Mb

- 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground for 30 Mb-1 Mb and 1.5 meters for above 1 Mb at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. The antenna is a bi-log antenna, a horn antenna ,and its height are varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 4. The test receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 5. Spectrum analyzer settings for f < 1 GHz:
 - ① Span = wide enough to fully capture the emission being measured
 - ② RBW = 120 kHz
 - ③ VBW ≥ RBW
 - 4 Detector = quasi peak
 - 5 Sweep time = auto
 - 6 Trace = max hold





- - ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
 - ② RBW = 1 Mz
 - ③ VBW ≥ 3 Mbz
 - 4 Detector = peak
 - 5 Sweep time = auto
 - 6 Trace = max hold
 - Trace was allowed to stabilize
- 7. Spectrum analyzer settings for $f \ge 1$ GHz: Average
 - ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
 - ② RBW = 1 Mbz
 - ③ VBW ≥ 3 × RBW
 - ④ Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
 - 5 Averaging type = power(i.e., RMS)
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
 - 6 Sweep = auto
 - 7 Trace = max hold
 - Perform a trace average of at least 100 traces.
 - A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step \mathfrak{S} , then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step \mathfrak{S} , then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.



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Note.

f <30 Mb, extrapolation factor of 40 dB/decade of distance. F_d = 40log(D_m/Ds)
 f ≥30 Mb, extrapolation factor of 20 dB/decade of distance. F_d = 20log(D_m/Ds)
 Where:

 F_d = Distance factor in dB

D_m = Measurement distance in meters

D_s = Specification distance in meters

- 2. Field strength($dB\mu V/m$) = Level($dB\mu V$) + CF (dB) + or DCF(dB)
- 3. Margin(dB) = Limit(dB μ V/m) Field strength(dB μ V/m)
- 4. Emissions below 18 were measured at a 3 meter test distance while emissions above 18 were measured at a 1 meter test distance with the application of a distance correction factor.
- 5. The fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z, it was determined that X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.
- 6. The worst-case emissions are reported however emissions whose levels were not within 20 dB of respective limits were not reported.
- 7. According to exploratory test no any obvious emission were detected from 9 klb to 30 Mb. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

LimitAccording to 15.209(a), for an intentional radiator devices, the general required of field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

		<u> </u>
Frequency (Mb)	Distance (Meters)	Radiated (
0.009 ~ 0.490	300	2400/F(kllz)
0.490 ~ 1.705	30	24000/F(kHz)
1.705 ~ 30.0	30	30
30 ~ 88	3	100**
88 ~ 216	3	150**
216 ~ 960	3	200**
Above 960	3	500

^{**}Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 ~ 72 Mz, 76 ~ 88 Mz, 174 ~ 216 Mz or 470 ~ 806 Mz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.



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Duty cycle

Regarding to KDB 558074 D01_v05 r02, 6. Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

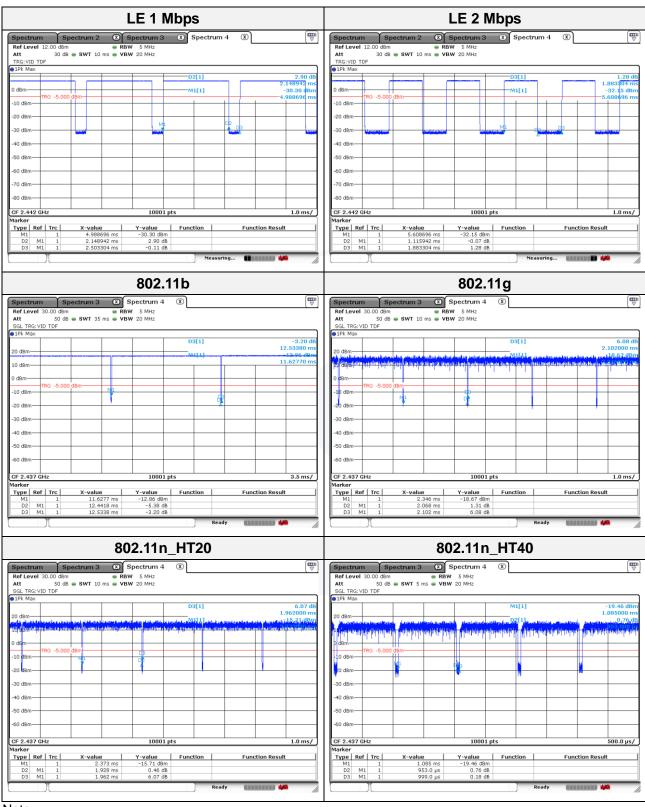
- a) A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the on- and off-times of the transmitted signal.
- b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on- and off-times of the transmitted signal.

Mode	T _{on} time (ms)	Period (ms)	Duty cycle (Linear)	Duty cycle (%)	Duty cycle correction factor (dB)
LE 1 Mbps	2.15	2.50	0.86	86.00	0.66
LE 1 Mbps	1.12	1.88	0.60	59.57	2.22
802.11b	12.44	12.53	0.99	99.28	-
802.11g	2.07	2.10	0.99	98.57	-
802.11n_HT20	1.93	1.96	0.98	98.47	-
802.11n_HT40	0.95	1.00	0.95	95.00	0.22

Duty cycle (Linear) = T_{on} time/Period DCF(Duty cycle correction factor (dB)) = 10log(1/duty cycle)







Note.

1. Tested with the maximum duty that can be set on the EUT.



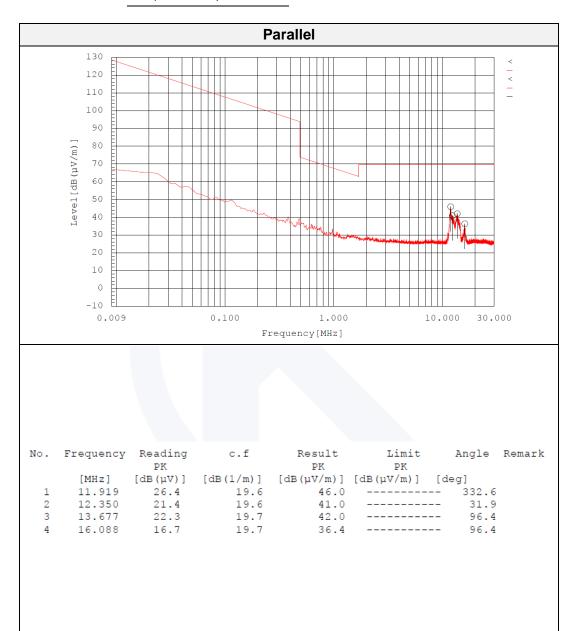


Test results (Below 30 账)

Mode: LE 2 Mbps

Distance of measurement: 3 meter

Channel: 39 (Worst case)



Note

1. No spurious emission were detected under 30 Mz, Above data is peak result.

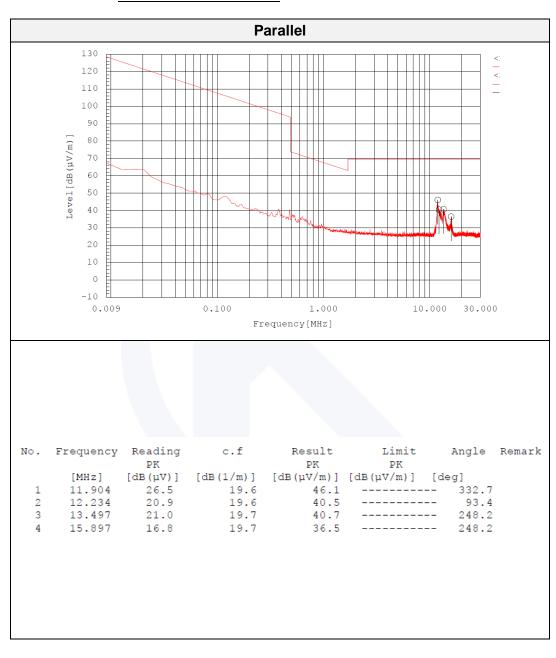




Mode: 802.11n_HT40 (MCS)

Distance of measurement: 3 meter

Channel: 06 (Worst case)



Note

1. No spurious emission were detected under 30 Mz, Above data is peak result.



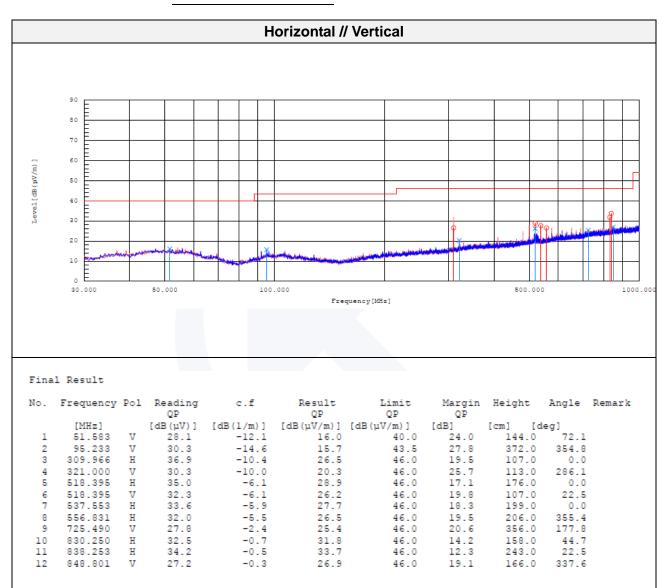


Test results (Below 1 000 脏)

Mode: LE 2 Mbps

Distance of measurement: 3 meter

Channel: 39 (Worst case)



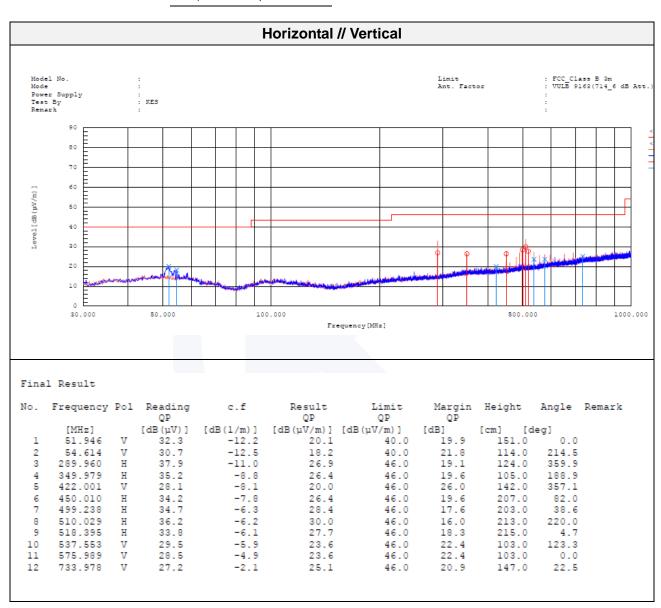


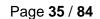


Mode: 802.11n_HT40 (MCS)

Distance of measurement: 3 meter

Channel: 06 (Worst case)







Test results (Above 1 000 账)

Mode: LE 1 Mbps

Distance of measurement: 3 meter

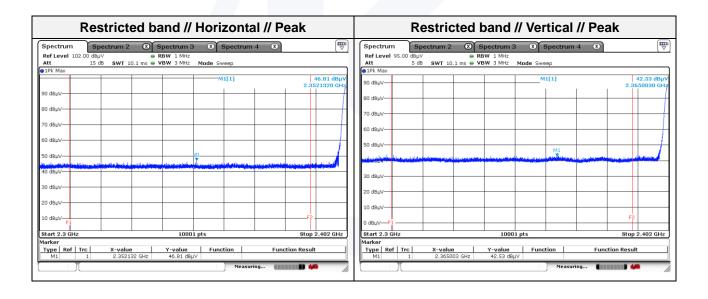
Channel: 00

- Spurious

	Frequency (艦)	Level (dBµV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
-	1 002.50	45.36	Peak	Н	-9.69	-	35.67	74.00	38.33
	1 081.89	44.35	Peak	V	-9.19	-	35.16	74.00	38.84

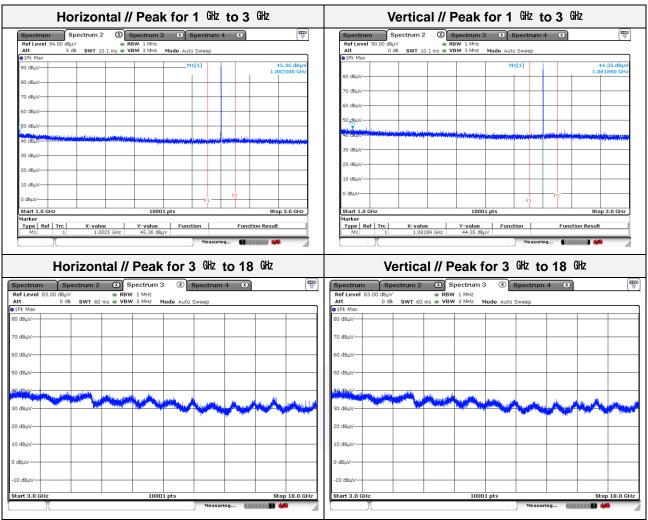
- Band edge

- Dand edge								
Frequency (畑)	Level (dΒμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2 352.13	46.81	Peak	Н	-1.02	-	45.79	74.00	28.21
2 365.00	42.53	Peak	V	-0.99		41.54	74.00	32.46









Note.

- 1. No spurious emission were detected above 3 GHz.
- 2. Average test would be performed if the peak result were greater than the average limit.





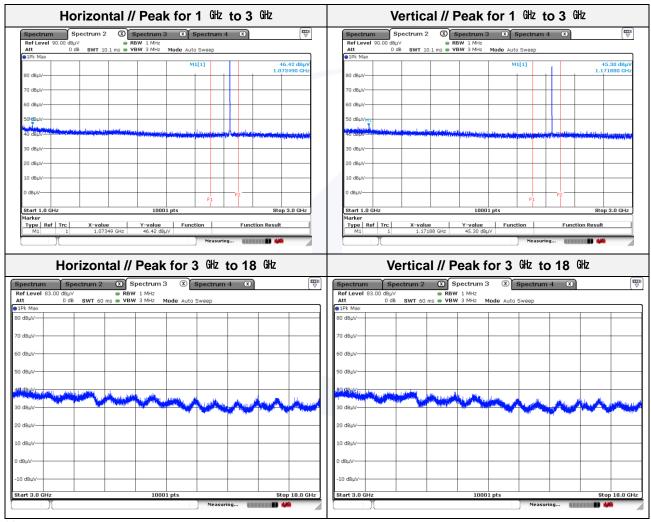
Mode: LE 1 Mbps

Distance of measurement: 3 meter

Channel: 20

Spurious

Frequency (Mb)	Level (dBµV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBµV/m)	Limit (dBµN/m)	Margin (dB)
1 073.49	46.42	Peak	Н	-9.24	-	37.18	74.00	36.82
1 171.88	45.30	Peak	V	-8.62	-	36.68	74.00	37.32



Note.

- 1. No spurious emission were detected above 3 $\mbox{GHz}.$
- 2. Average test would be performed if the peak result were greater than the average limit.



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Mode: LE 1 Mbps

Distance of measurement: 3 meter

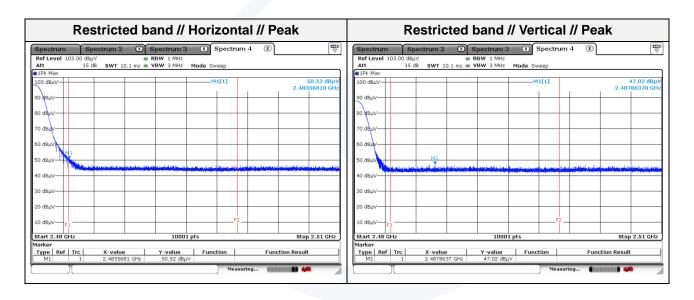
Channel: 39

Spurious

Frequency (Mb/z)	Level (dBµV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBµV/m)	Limit (dBµN/m)	Margin (dB)
1 059.49	46.40	Peak	Н	-9.33	-	37.07	74.00	36.93
1 166.48	44.87	Peak	V	-8.65	-	36.22	74.00	37.78

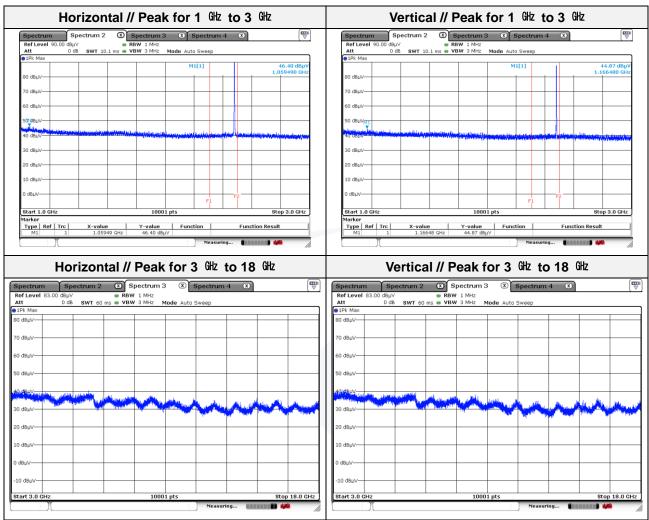
- Band edge

Frequency (Mb)	Level (dBµV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBµV/m)	Limit (dBµN/m)	Margin (dB)
2 483.57	50.52	Peak	Н	-0.72	-	49.80	74.00	24.20
2 487.86	47.02	Peak	V	-0.71	-	46.31	74.00	27.69









Note.

- 1. No spurious emission were detected above 3 GHz.
- 2. Average test would be performed if the peak result were greater than the average limit.