



TEST REPORT

FCC ID:2AL6KBL-M8800DS240L

Product : 802.11a/b/g/n/ac/ax 287Mbps WLAN +BLE
v5.4 SDIO/USB Module
Model Name : BL-M8800DS2-40L
Brand : /
Report No. : NCT25051898E1-3

Prepared for

Shenzhen Bilian Electronic Co.,Ltd.

**Room 501, Building 3, No. 32, Dafu Road, Zhangge Community, Fucheng Street,
Longhua District, Shenzhen City,China**

Prepared by

Shenzhen NCT Testing Technology Co., Ltd.

**A101,B2,Fuqiao 6th Area ,xintian Community,Fuhai Street,Baoan
District,Shenzhen,China**

TEL: 400-8868-419

1 TEST RESULT CERTIFICATION

Applicant's name : Shenzhen Bilian Electronic Co.,Ltd.
Address : Room 501, Building 3, No. 32, Dafu Road, Zhangge Community, Fucheng Street, Longhua District, Shenzhen City,China
Manufacture's name : Shenzhen Bilian Electronic Co.,Ltd.
Address : Room 501, Building 3, No. 32, Dafu Road, Zhangge Community, Fucheng Street, Longhua District, Shenzhen City,China
Product name : 802.11a/b/g/n/ac/ax 287Mbps WLAN +BLE v5.4 SDIO/USB Module
Model name : BL-M8800DS2-40L
Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.407
ANSI C63.10-2020+Cor 1-2023
KDB 789033 D02 v02r01
Test procedure : ANSI C63.10-2020+Cor 1-2023
Test Date : Dec. 16, 2025 to Dec. 29, 2025
Date of Issue : Dec. 29, 2025
Test Result : Pass

This device described above has been tested by NCT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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2 Test Summary

FCC Part15 (15.407) , Subpart E			
Standard Section	Test Item	Judgment	Remark
Part 15.203	Antenna requirement	Pass	
47 CFR Part 15.207(a)	Conducted Emission at AC power line	PASS	
47 CFR Part 15.407(a)	Maximum conducted output power	Pass	
47 CFR Part 15.407(a)	Power spectral density	Pass	
47 CFR Part 15.407(e)	Emission bandwidth and occupied bandwidth	Pass	
47 CFR Part 15.407(h)(2)(ii)	Channel Availability Check Time	N/A	
47 CFR Part 15.407(h)(2)	U-NII Detection Bandwidth	N/A	
KDB 905462 D02, Clause 5.1 Table 2	Statistical Performance Check	N/A	
47 CFR Part 15.407(h)(2)(iii)	Channel Move Time, Channel Closing Transmission Time	Pass	The test results are reflected in the DFS report
47 CFR Part 15.407(h)(2)(iv)	Non-Occupancy Period Test	Pass	
KDB 905462 D02, Clause 5.2 Table 3	DFS Detection Thresholds	Pass	The test results are reflected in the DFS report
47 CFR Part 15.407(b)	Band edge emissions	Pass	
47 CFR Part 15.407(b)	Undesirable emission limits	Pass	

Remark:

1. "N/A" denotes test is not applicable in this Test Report.

3 TEST FACILITY

Site Description

EMC Lab. : Accredited by CNAS, 2022-09-27

The certificate is valid until 2028.01.07

The Laboratory has been assessed and proved to be in compliance with
CNAS-CL01:2006 (identical to ISO/IEC 17025:2017)

The Certificate Registration Number is L8251

Designation Number: CN1347

Test Firm Registration Number: 894804

Accredited by A2LA, June 14, 2023

The Certificate Registration Number is 6837.01

Accredited by Industry Canada, November 09, 2018

The Conformity Assessment Body Identifier is CN0150

Company Number: 30806

Name of Firm : Shenzhen NCT Testing Technology Co., Ltd.

Site Location : A101,B2,Fuqiao 6th Area ,xintian Community,Fuhai Street,Baoan
District,Shenzhen,China

4 General Information

4.1 General Description of E.U.T.

Product Name:	802.11a/b/g/n/ac/ax 287Mbps WLAN +BLE v5.4 SDIO/USB Module
Model No.:	BL-M8800DS2-40L
HVIN:	20251216A-001#
Sample ID	Engineer sample
Operation Frequency Range:	U-NII Band 1: 5.18~5.24 GHz U-NII Band 2A: 5.26~5.32 GHz U-NII Band 2C: 5.50~5.70 GHz U-NII Band 3: 5.745~5.825 GHz
Frequency Block	U-NII Band 1: 5.15~5.25 GHz U-NII Band 2A: 5.25~5.35 GHz U-NII Band 2C: 5.47~5.725 GHz U-NII Band 3: 5.725~5.85 GHz
Modulation type:	OFDM with BPSK/QPSK/16QAM/64QAM for 802.11a/n OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11ac OFDMA with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11ax
Antenna Type:	FPC Antenna
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz 802.11ax: 20 MHz, 40 MHz
TPC:	☒ Supported ☐ Unspported
Channel Puncturing Function:	☐ Supported ☒ Unspported
Support RU:	☒ Full RU ☐ Partial RU
Antenna gain:	U-NII Band 1:5.64 dBi U-NII Band 2A:5.24 dBi U-NII Band 2C:4.98 dBi U-NII Band 3:3.55 dBi
Power supply	DC 3.3V
Hardware Version:	V1.0
Software Version:	N/A

Remark:	the Antenna gain is provided by customer from Antenna spec. and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.
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☒ Wifi 5G with U-NII - 1

Frequency and Channel list for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(H20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220		
40	5200	48	5240		

Frequency and Channel list for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190				
46	5230				

Test Frequency and Channel for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	48	5240

Test Frequency and channel for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

☒ Wifi 5G with U-NII -2A

Frequency and Channel list for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300		
56	5280	64	5320		

Frequency and Channel list for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270				
62	5310				

Test Frequency and Channel for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300	64	5320

Test Frequency and channel for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270	N/A	N/A	62	5310

☒ Wifi 5G with U-NII -2C

Frequency and Channel list for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	116	5580	132	5660
104	5520	120	5600	136	5680
108	5540	124	5620	140	5700
112	5560	128	5640		

Frequency and Channel list for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510	118	5590	134	5670
110	5550	126	5630		

Test Frequency and Channel for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	120	5600	140	5700

Test Frequency and channel for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510	118	5590	134	5670

☒ Wifi 5G with U-NII -3

Frequency and Channel list for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825
153	5765	161	5805		

Frequency and Channel list for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755				
159	5795				

Test Frequency and Channel for 802.11a/n (HT20)/802.11ac (VHT20)/802.11ax(HE20):

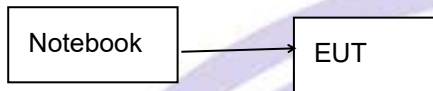
Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825

Test Frequency and channel for 802.11n (HT40)/ 802.11ac (VHT40)/802.11ax(HE40):

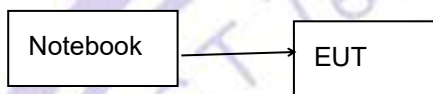
Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	N/A	N/A	159	5795

4.2 Test Setup Configuration

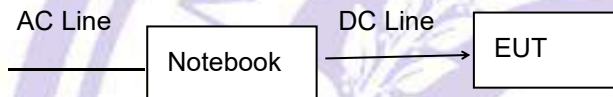
Radiated Emission



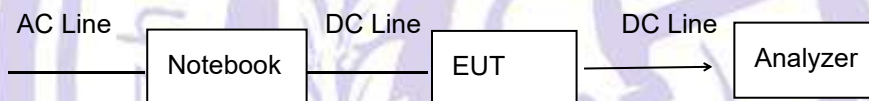
Conducted Emission



Radiated Spurious



Conducted Spurious



4.3 Test Mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

Test Software	Aic rf test_2024_0509
Power level setup	802.11a@6Mbps/802.11n@HT20_MCS0/802.11n@HT40_MCS0/802.11ac@VHT40_MCS0:17 dBm; 802.11a@54Mbps:16 dBm; 802.11n@HT20_MCS7/802.11n@HT40_MCS7/802.11ax@HE_SU 40M_MCS0:15 dBm 802.11ac@VHT40_MCS9:14 dBm; 802.11ax@HE_SU 40M_MCS11:13 dBm;

5 Equipment During Test

5.1 Equipments List

Conducted emission Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	944 Room	/	EMToni	2025/1/17	2028/1/16
EMI Test Receiver	ESPI	101604	Rohde & Schwarz	2025/6/10	2026/6/09
limiator	ESH3-Z2	NA	Ronde&Schwarz	2025/6/10	2026/6/09
Attenuation	PCL-10dB	221126	HTEC	2025/6/10	2026/6/09
LISN	ENV 216	102796	Rohde & Schwarz	2025/6/10	2026/6/09
LISN	VN1-13S	004023	CRANAGE	2025/6/10	2026/6/09
Cable	RG223-1500MM	NA	RG	2025/6/10	2026/6/09

Radiated emission & Radio Frequency Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/1/17	2028/1/16
EMI Test Receiver	ESCI	101178	Rohde & Schwarz	2025/6/10	2026/6/09
Amplifi (30MHz-1GHz)	BBV 9743 B	00374	SCHNWARZBECK	2025/6/10	2026/6/09
Power Meter	ML2495A	10084	Anritu	2025/6/10	2026/6/09
Bilog Antenna (30MHz-1GHz)	VULB9162	00473	SCHNWARZBECK	2025/3/08	2026/3/07
Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHNWARZBECK	2025/3/10	2026/3/09
Pream plifier (1GHz-18GHz)	BBV 9718D	0024	SCHNWARZBECK	2025/6/10	2026/6/09
Spectrum Analyze (10Hz-40GHz)	FSV 40	100952	Rohde & Schwarz	2025/6/10	2026/6/09
Pream plifier (18GHz-40GHz)	BBV 9721	0056	SCHNWARZBECK	2025/6/10	2026/6/09
Double Ridge Guide Horn Antenna (18GHz- 40GHz)	SAS-574	588	A.H.System	2025/3/10	2026/3/09

Loop Antenna (9KHz-30MHz)	FMZB1519B	014	SCHNWARZBECK	2025/6/10	2026/6/09
Comprehensive tester	CWM500	104995	Rohde & Schwarz	2025/6/10	2026/6/09
Amplifier (9KHz-30MHz)	BBV 9745	00109	CHNWARZBECK	2025/6/10	2026/6/09
MXG Signal Analyzer	N9020A	MY50510202	Agilent	2025/6/10	2026/6/09
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/6/10	2026/6/09
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2025/6/10	2026/6/09
Power Sensor	TR1029-2	512364	Techoy	2025/6/10	2026/6/09
constant temperature and humidity chamber	OJN-9606	/	Zhongheng	2025/2/18	2026/2/17
RF Swith	TR1029-1	512364	Techoy	2025/6/10	2026/6/09
Cable	DA800- 4000MM	NA	DA	2025/6/10	2026/6/09
Cable	DA800- 11000MM	NA	DA	2025/6/10	2026/6/09

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

5.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.24dB
Radiated Emission(9KHz~30MHz)	±4.51dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB
Radiated Emission(25GHz~40GHz)	±3.38dB
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%	

5.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	802.11a/b/g/n/ac/ax 287Mbps WLAN +BLE v5.4 SDIO/USB Module	N/A	BL-M8800DS2-40L	N/A	EUT
E-2	Notebook	/	X1502Z	N/A	Auxiliary

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

6 Conducted Emission

Test Requirement: : FCC CFR 47 Part 15 Section 15.207
Test Method: : ANSI C63.10-2020+Cor 1-2023
Test Result: : PASS
Frequency Range: : 150kHz to 30MHz
Class/Severity: : Class B
Detector: : Peak for pre-scan (9kHz Resolution Bandwidth)

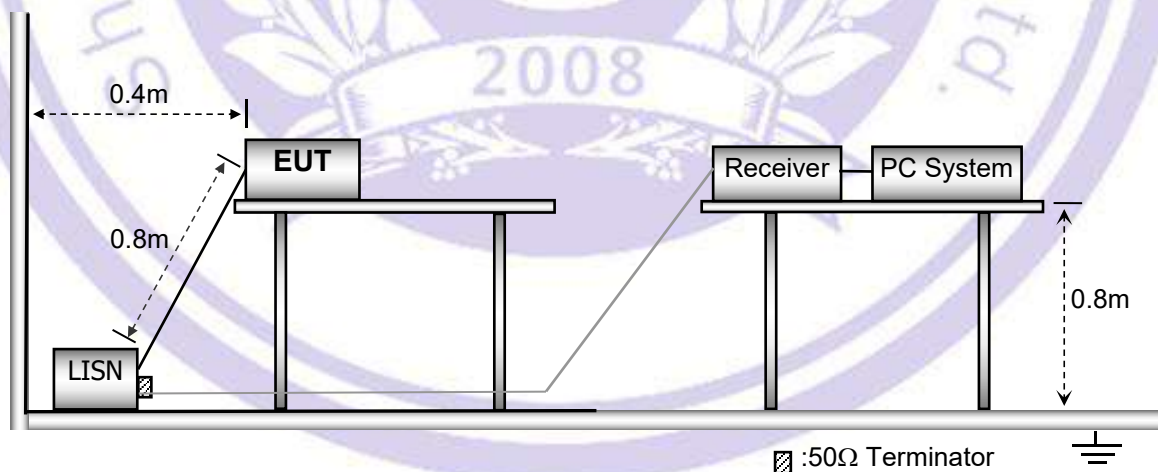
6.1 E.U.T. Operation

Operating Environment :

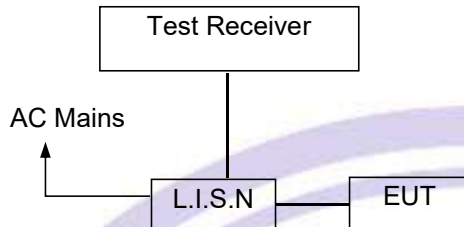
Temperature: : 23.2°C
Humidity: : 51 % RH
Atmospheric Pressure: : 101.2 kPa
Test Voltage : AC 120V/60Hz

6.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020+Cor 1-2023



6.3 Test SET-UP (Block Diagram of Configuration)



6.4 Measurement Procedure:

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

6.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

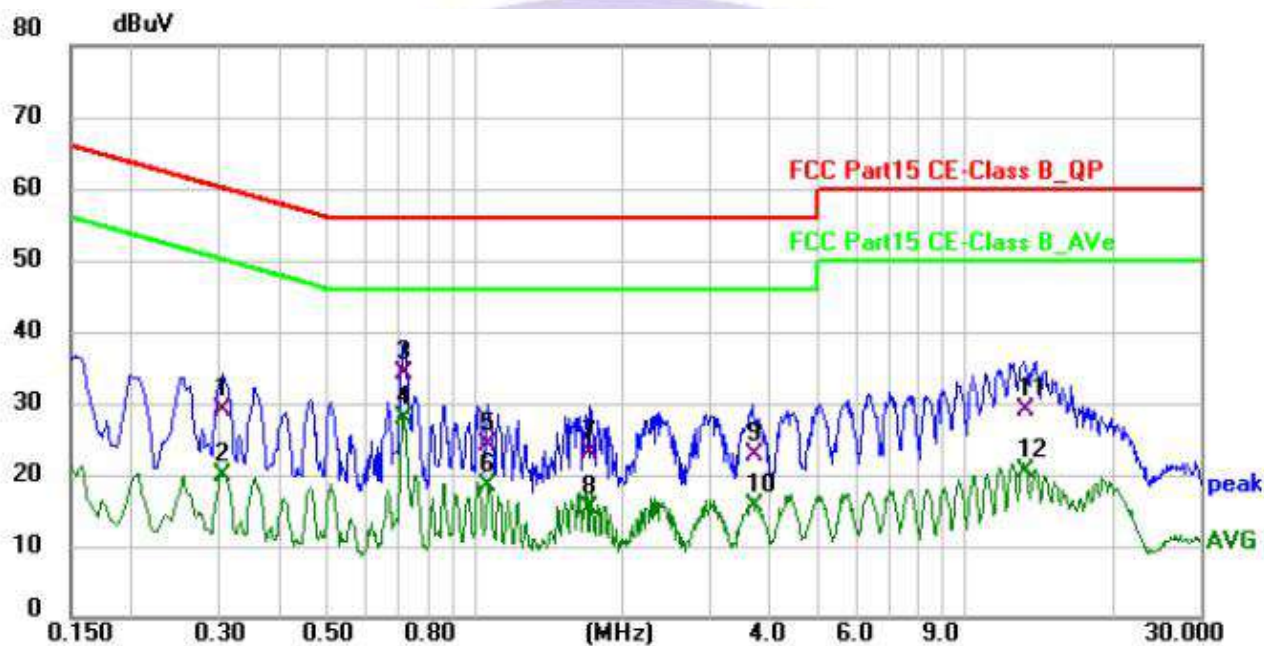
6.6 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

6.7 Conducted Emission Test Result

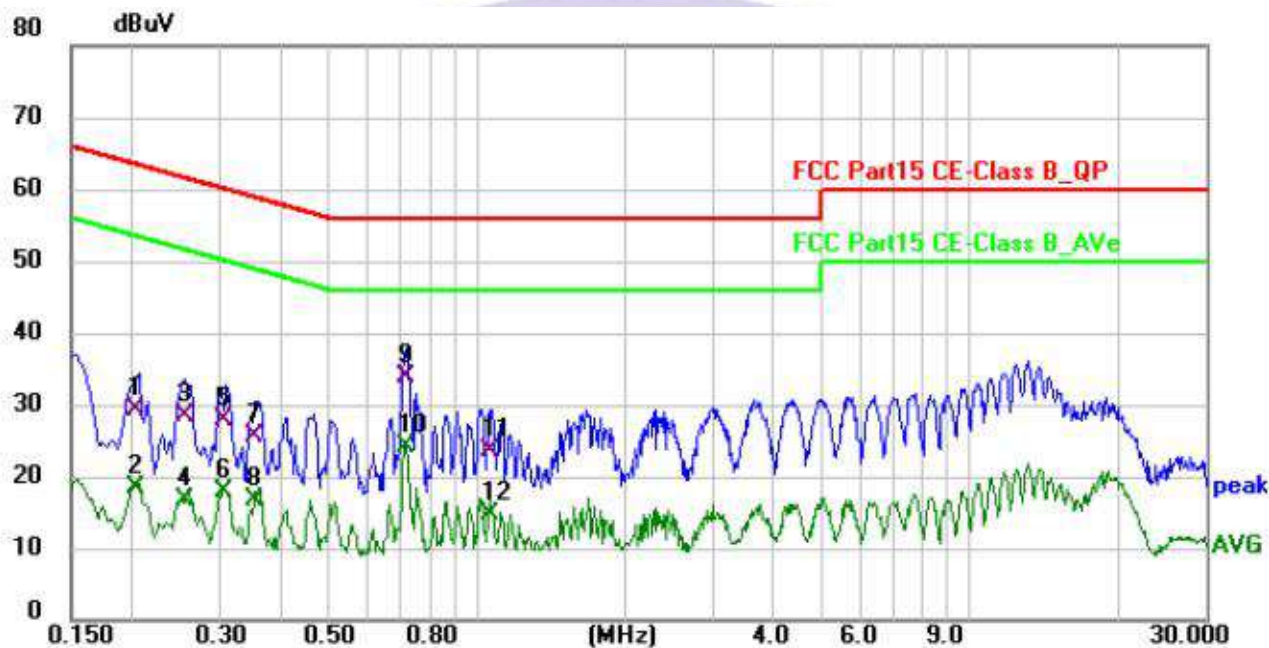
All the modes have been tested, and only the data of the worst mode 802.11a 5180MHz.

Temperature:	23.2 °C	Relative Humidity:	51%
Pressure:	101.2kPa	Phase :	L
Test Voltage :	AC 120V/60Hz		802.11a 5180MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3048	9.60	19.38	28.98	60.11	-31.13	QP
2	0.3048	0.61	19.38	19.99	50.11	-30.12	AVG
3	0.7180	14.71	19.46	34.17	56.00	-21.83	QP
4 *	0.7180	8.49	19.46	27.95	46.00	-18.05	AVG
5	1.0692	4.57	19.47	24.04	56.00	-31.96	QP
6	1.0692	-0.95	19.47	18.52	46.00	-27.48	AVG
7	1.7222	3.51	19.40	22.91	56.00	-33.09	QP
8	1.7222	-4.14	19.40	15.26	46.00	-30.74	AVG
9	3.6866	3.32	19.35	22.67	56.00	-33.33	QP
10	3.6866	-3.83	19.35	15.52	46.00	-30.48	AVG
11	13.2012	9.47	19.59	29.06	60.00	-30.94	QP
12	13.2012	0.95	19.59	20.54	50.00	-29.46	AVG

Temperature:	23.2 °C	Relative Humidity:	51%
Pressure:	101.2kPa	Phase :	N
Test Voltage :	AC 120V/60Hz		802.11a 5180MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2024	9.69	19.52	29.21	63.51	-34.30	QP
2	0.2024	-1.02	19.52	18.50	53.51	-35.01	AVG
3	0.2537	8.91	19.49	28.40	61.64	-33.24	QP
4	0.2537	-2.76	19.49	16.73	51.64	-34.91	AVG
5	0.3069	8.29	19.54	27.83	60.05	-32.22	QP
6	0.3069	-1.76	19.54	17.78	50.05	-32.27	AVG
7	0.3540	6.03	19.50	25.53	58.87	-33.34	QP
8	0.3540	-2.70	19.50	16.80	48.87	-32.07	AVG
9	0.7180	14.42	19.50	33.92	56.00	-22.08	QP
10 *	0.7180	4.53	19.50	24.03	46.00	-21.97	AVG
11	1.0620	4.02	19.56	23.58	56.00	-32.42	QP
12	1.0620	-4.80	19.56	14.76	46.00	-31.24	AVG

Remark:

Margin = Limit – Level, Correct Factor = Cable lose + LISN insertion loss, Level= Reading + Correct factor

7 Radiated Spurious Emissions

Test Requirement : FCC CFR47 Part 15 Section 15.209 & 15.407
 RSS-Gen §8.9, RSS-Gen §8.10

Test Method : ANSI C63.10-2020+Cor 1-2023

Test Result : PASS

Measurement Distance : 3m

Limit : See the follow table

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	20log ^{(2400/F(kHz))} + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	20log ^{(24000/F(kHz))} + 40
1.705 ~ 30	30	30	100 * 30	20log ⁽³⁰⁾ + 40
30 ~ 88	100	3	100	20log ⁽¹⁰⁰⁾
88 ~ 216	150	3	150	20log ⁽¹⁵⁰⁾
216 ~ 960	200	3	200	20log ⁽²⁰⁰⁾
Above 960	500	3	500	20log ⁽⁵⁰⁰⁾

FCC Part 15.407 (b) Undesirable emission limits. Except as shown in paragraph (b)(10) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating solely in the 5.725-5.850 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

7.1 EUT Operation

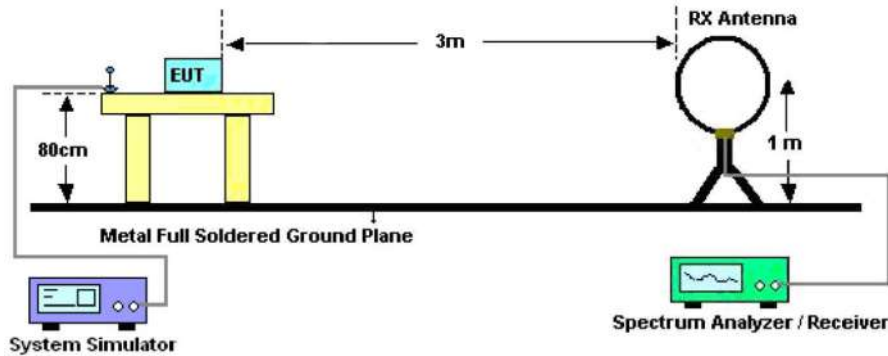
Operating Environment :

Temperature : 24.5 °C
Humidity : 55.5% RH
Atmospheric Pressure : 101.3kPa
Test Voltage : AC 120V60Hz

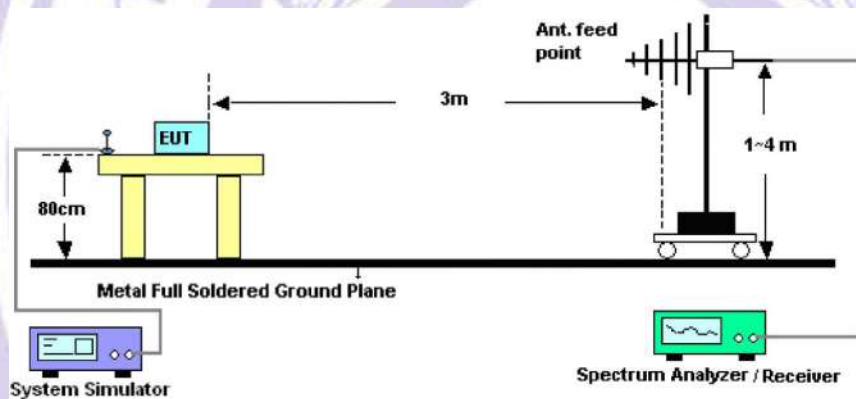
7.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

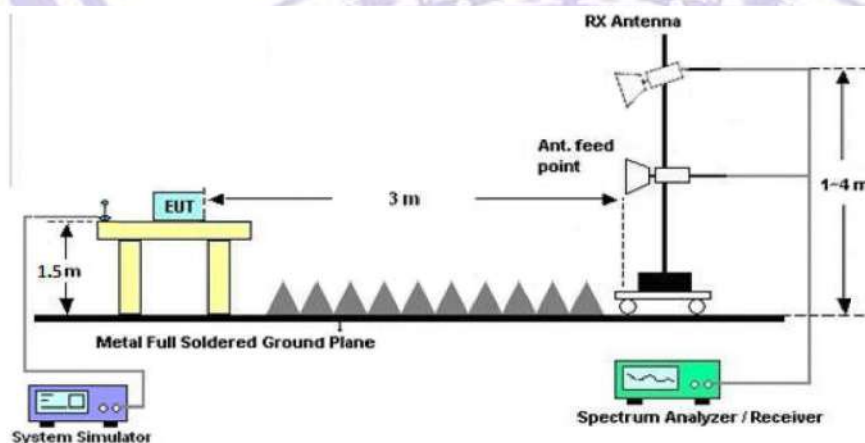
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



7.3 Spectrum Analyzer Setup

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

7.4 Test Procedure

1. The testing follows the guidelines in Spurious Radiated Emissions of ANSI C63.10-2020+Cor 1-2023.
2. Below 1000MHz, The EUT was placed on a turn table which is 0.8m above ground plane. And above 1000MHz, The EUT was placed on a styrofoam table which is 1.5m above ground plane.
3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (From 1m to 4m) and turntable (from 0 degree to 360 degree) to find the maximum reading. A pre-amp and a filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Final measurement (Above 1GHz): The frequency range will be divided into different sub ranges depending of the frequency range of the used horn antenna. The EMI Receiver set to peak and average mode and a resolution bandwidth of 1MHz. The measurement will be performed in horizontal and vertical polarization of the measuring antenna and while rotating the EUT in its vertical axis in the range of 0 degree to 360 degree in order to have the antenna inside the cone of radiation.
7. Test Procedure of measurement (For Above 1GHz):
 - 1) Monitor the frequency range at horizontal polarization and move the antenna over all sides of the EUT(if necessary move the EUT to another orthogonal axis).
 - 2) Change the antenna polarization and repeat 1) with vertical polarization.
 - 3) Make a hardcopy of the spectrum.
 - 4) Measure the frequency of the detected emissions with a lower span and resolution bandwidth to increase the accuracy and note the frequency value.
 - 5) Change the analyser mode to Clear/ Write and found the cone of emission.
 - 6) Rotate and move the EUT, so that the measuring distance can be enlarged to 3m and the antenna will be still inside the cone of emission.
 - 7) Measure the level of the detected frequency with the correct resolution bandwidth, with the antenna polarization and azimuth and the peak and average detector, which causes the maximum emission.
 - 8) Repeat steps 1) to 7) for the next antenna spot if the EUT is larger than the antenna beamwidth.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.

7.5 Summary of Test Results

Test Frequency: 9KHz-30MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV/m)	Limit 3m (dBuV/m)	Over (dB)
--	--	--	--	>20

Note:

The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

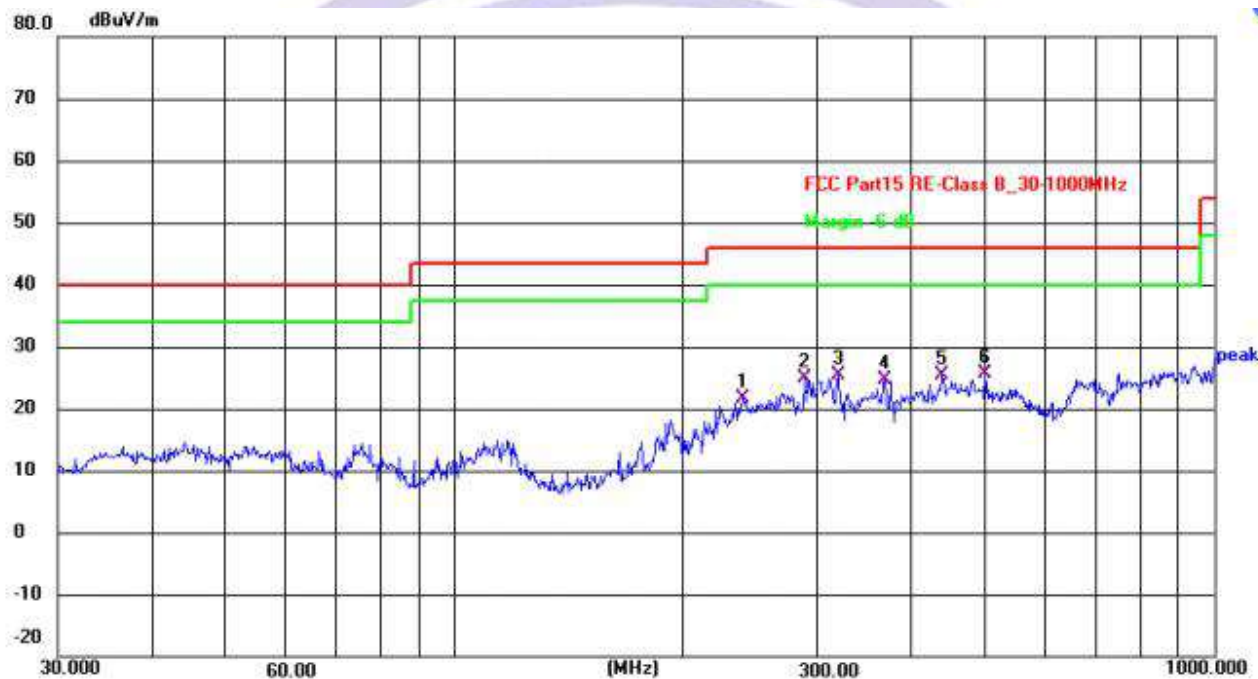
Distance extrapolation factor = $40\log(\text{Specific distance} / \text{test distance})$ (dB);

Limit line = Specific limits (dBuV) + distance extrapolation factor.

Test Frequency: 30MHz ~ 1GHz

Please refer to the following test plots, Low Channel Worst case 802.11a for record:

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	239.9873	36.61	-15.08	21.53	46.00	-24.47	QP
2	289.0020	38.45	-13.68	24.77	46.00	-21.23	QP
3	319.9370	38.67	-13.37	25.30	46.00	-20.70	QP
4	368.1116	36.76	-12.17	24.59	46.00	-21.41	QP
5	438.6553	36.07	-10.80	25.27	46.00	-20.73	QP
6	499.4245	35.24	-9.62	25.62	46.00	-20.38	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	44.2751	31.14	-14.42	16.72	40.00	-23.28	QP
2	60.4917	32.14	-15.18	16.96	40.00	-23.04	QP
3	168.4137	35.14	-18.67	16.47	43.50	-27.03	QP
4	279.0436	33.70	-13.97	19.73	46.00	-26.27	QP
5	487.3150	32.06	-9.83	22.23	46.00	-23.77	QP
6	787.8510	29.25	-4.64	24.61	46.00	-21.39	QP

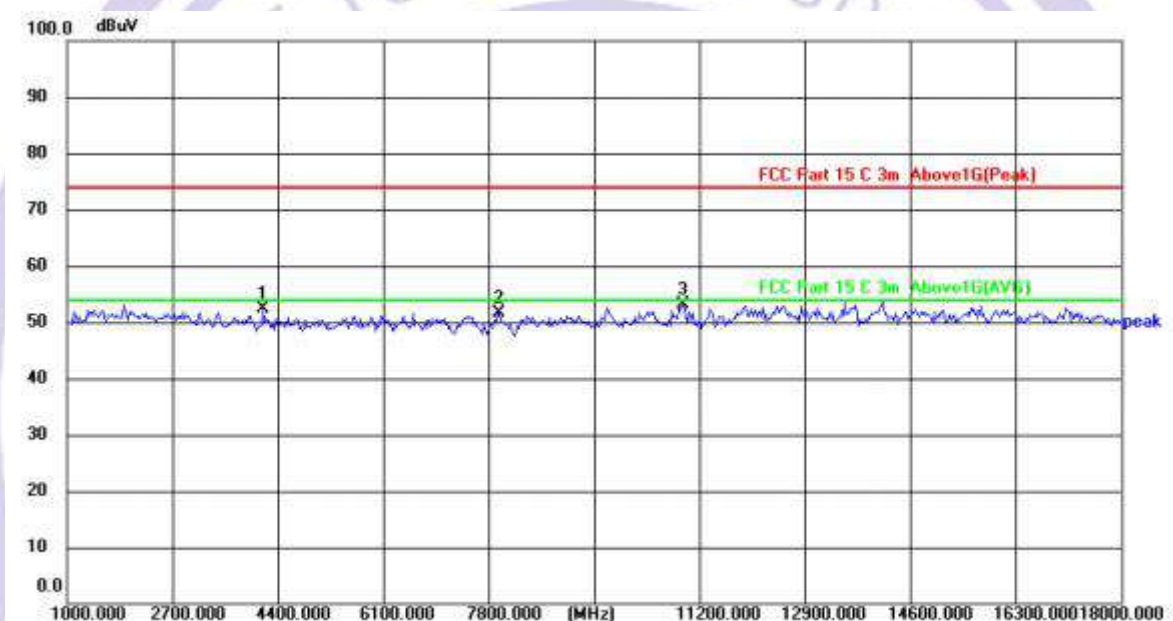
Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

Test Frequency: From 1GHz to 18GHz

All the modes have been tested, and only the data of the worst mode 802.11 a is presented.

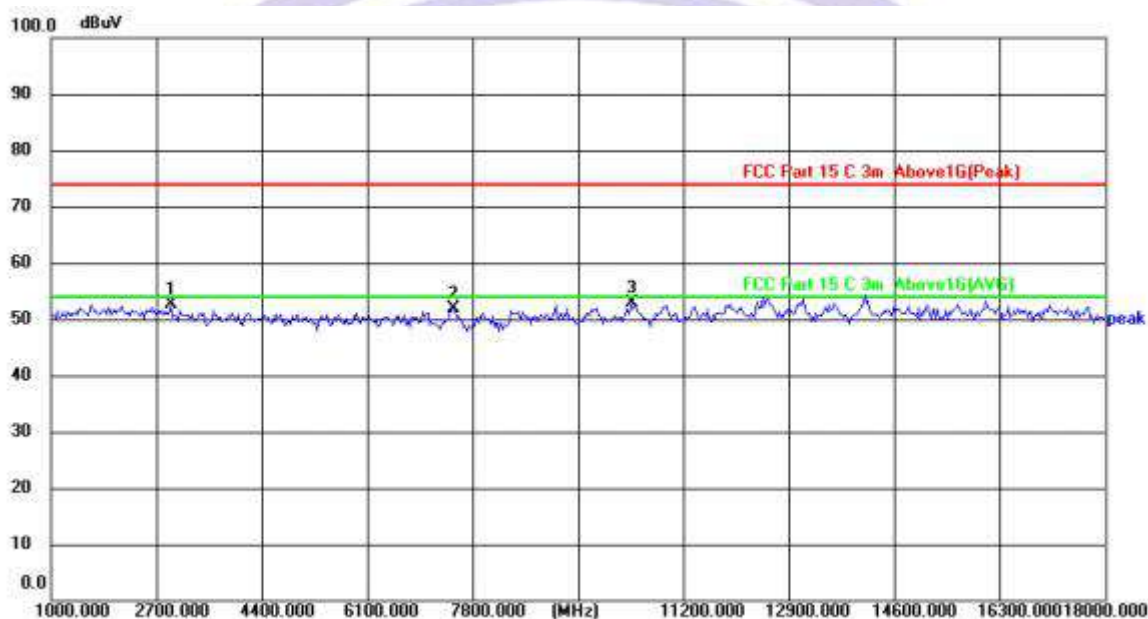
Because the PK test value was below the AV limit, all AV tests were not conducted.

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5180MHz)



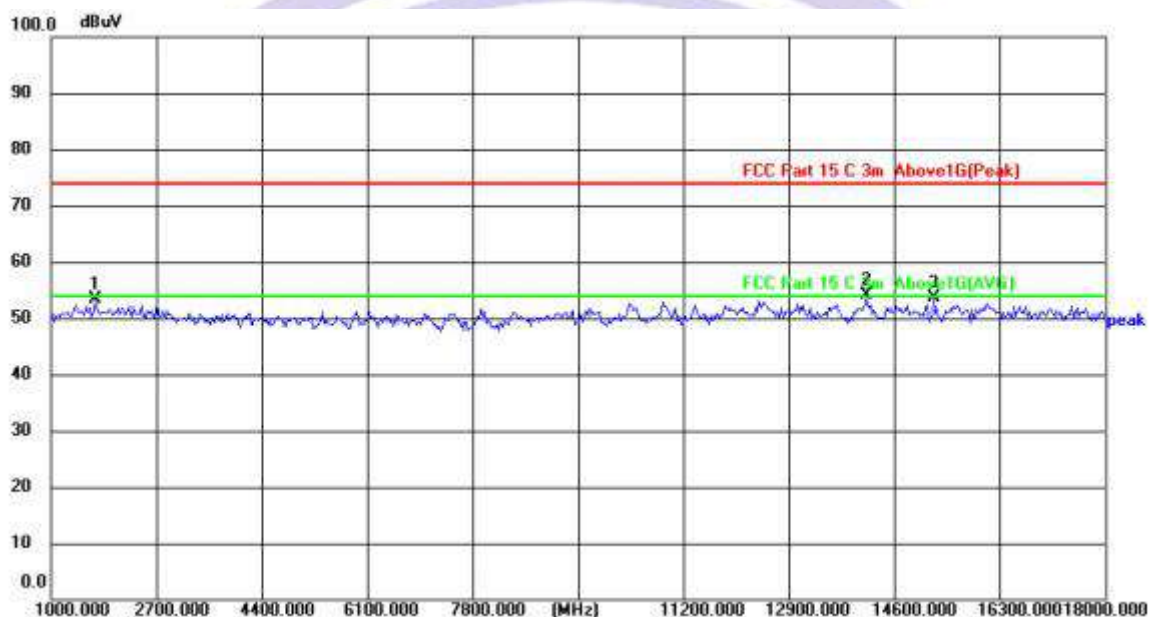
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	4153.623	60.17	-7.69	52.48	74.00	-21.52	peak
2	7972.464	50.97	0.70	51.67	74.00	-22.33	peak
3	10928.986	48.38	4.72	53.10	74.00	-20.90	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5180MHz)



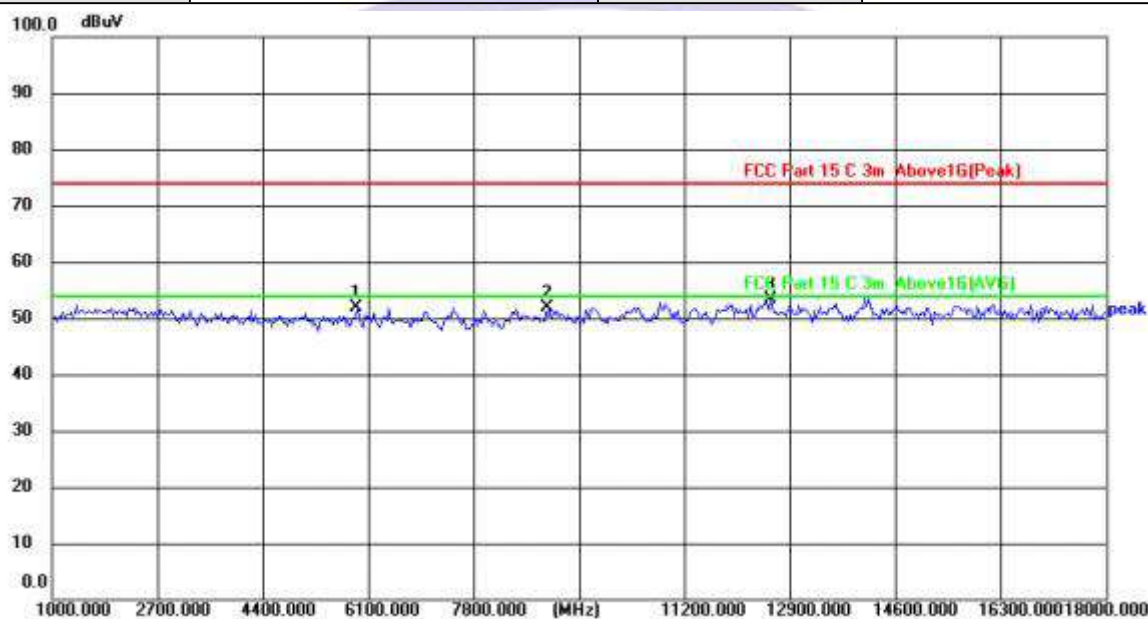
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2946.377	63.67	-11.10	52.57	74.00	-21.43	peak
2	7504.348	50.82	1.10	51.92	74.00	-22.08	peak
3	10362.319	48.87	4.00	52.87	74.00	-21.13	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5240MHz)



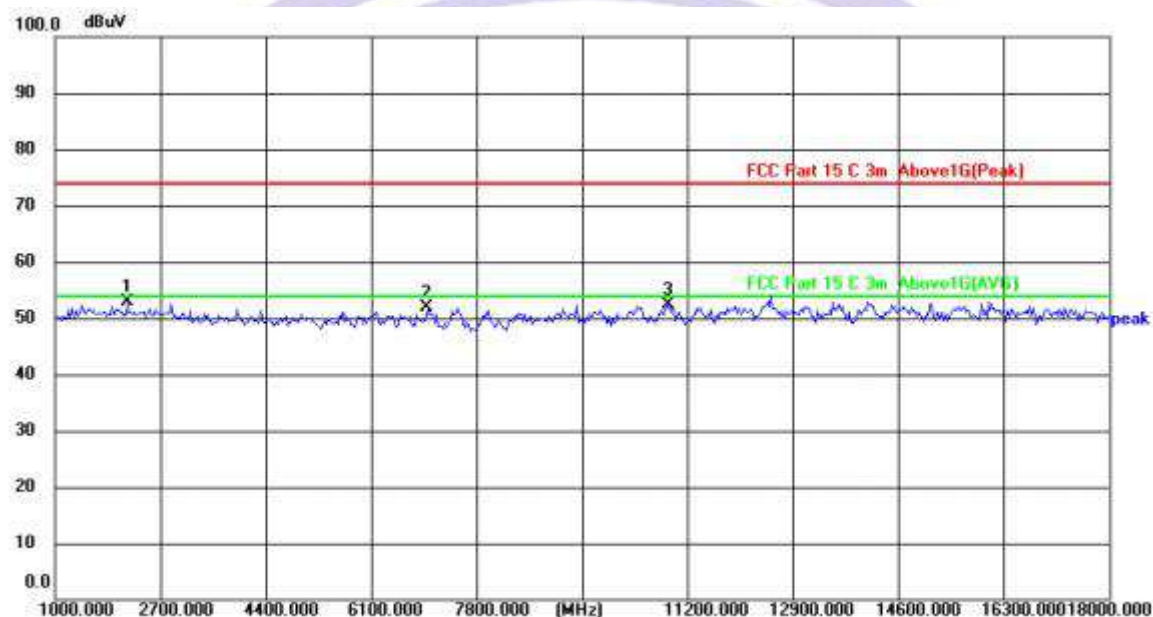
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1714.493	67.57	-14.30	53.27	74.00	-20.73	peak
2	14156.522	46.63	7.46	54.09	74.00	-19.91	peak
3	15240.580	49.26	4.35	53.61	74.00	-20.39	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5240MHz)



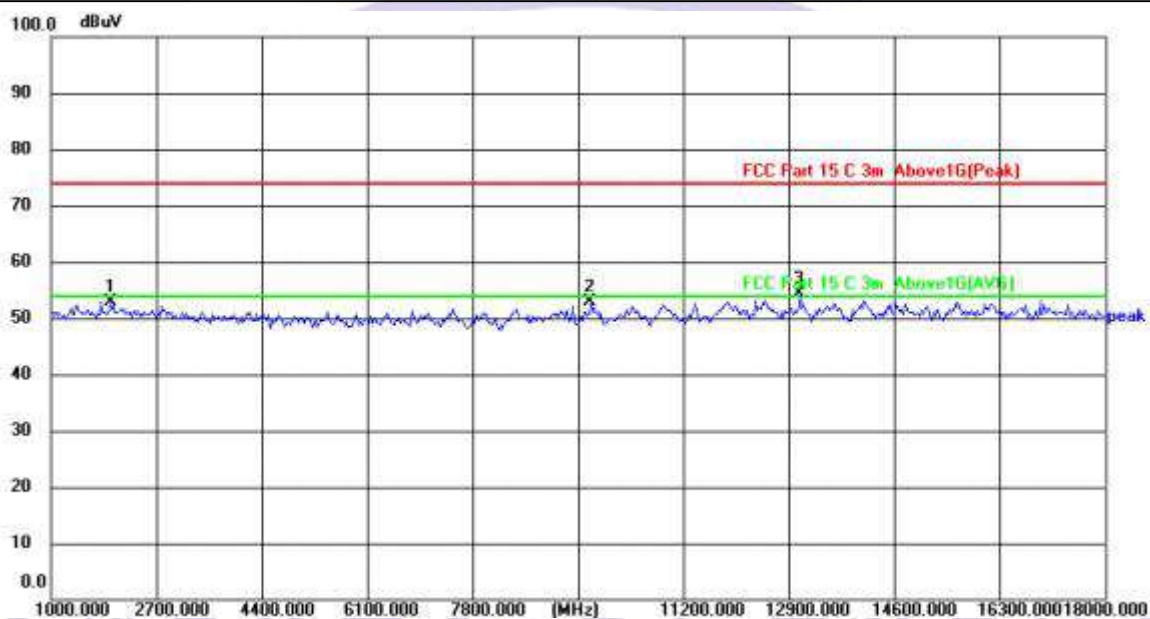
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	5927.536	54.94	-3.07	51.87	74.00	-22.13	peak
2	9007.246	50.86	1.07	51.93	74.00	-22.07	peak
3	12604.348	48.05	5.22	53.27	74.00	-20.73	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5320MHz)



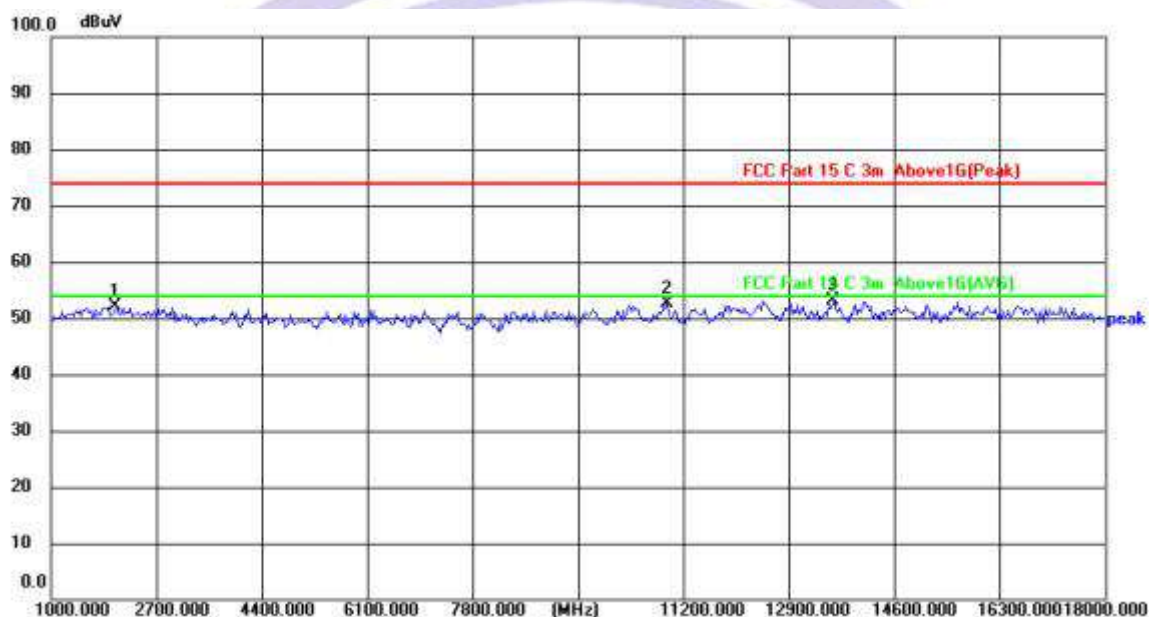
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2157.971	64.59	-11.74	52.85	74.00	-21.15	peak
2	7011.594	51.00	0.96	51.96	74.00	-22.04	peak
3	10904.348	47.52	4.82	52.34	74.00	-21.66	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5320MHz)



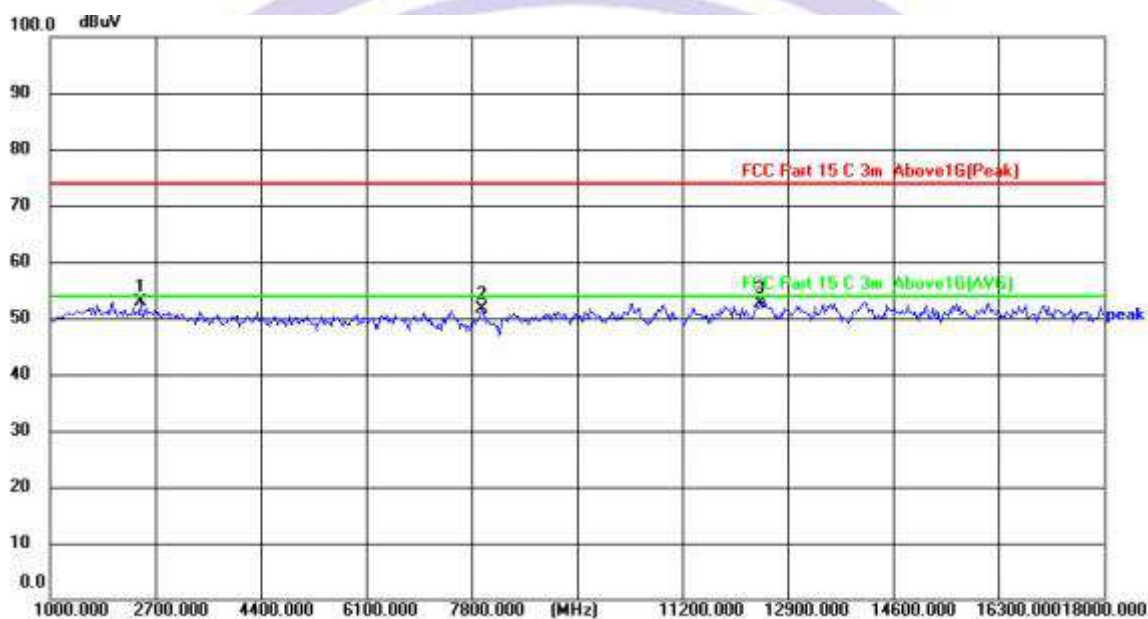
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1960.870	64.61	-11.77	52.84	74.00	-21.16	peak
2	9721.739	50.48	2.51	52.99	74.00	-21.01	peak
3	13097.101	48.43	5.95	54.38	74.00	-19.62	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5500MHz)



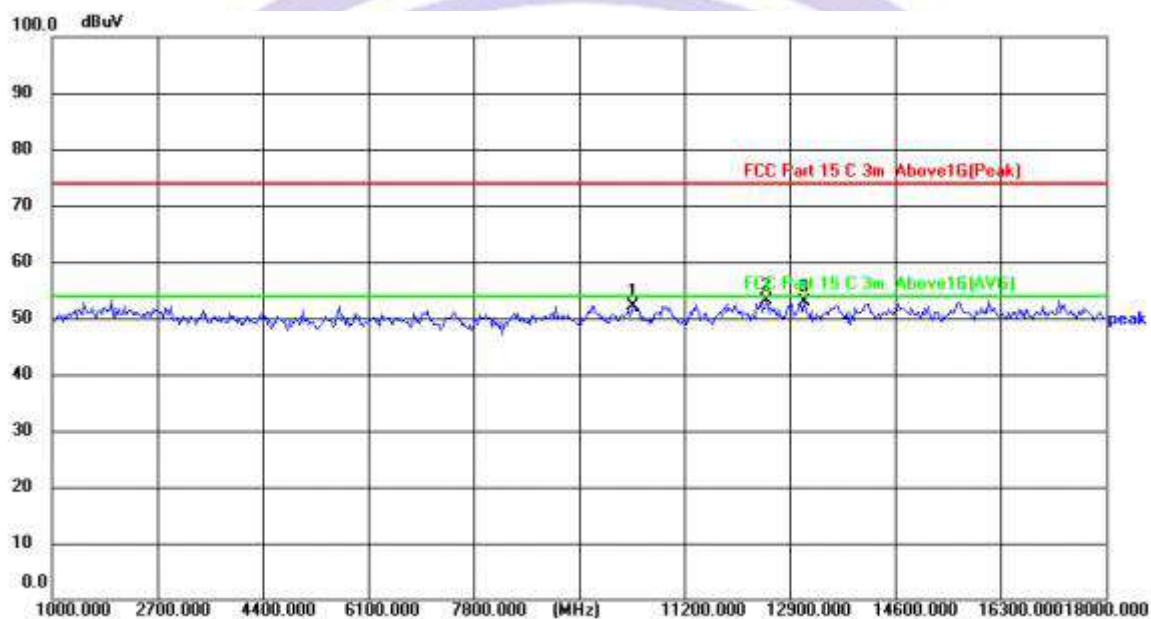
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2059.420	63.62	-11.39	52.23	74.00	-21.77	peak
2	10928.986	47.92	4.72	52.64	74.00	-21.36	peak
3	13639.130	45.27	7.92	53.19	74.00	-20.81	peak

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5500MHz)



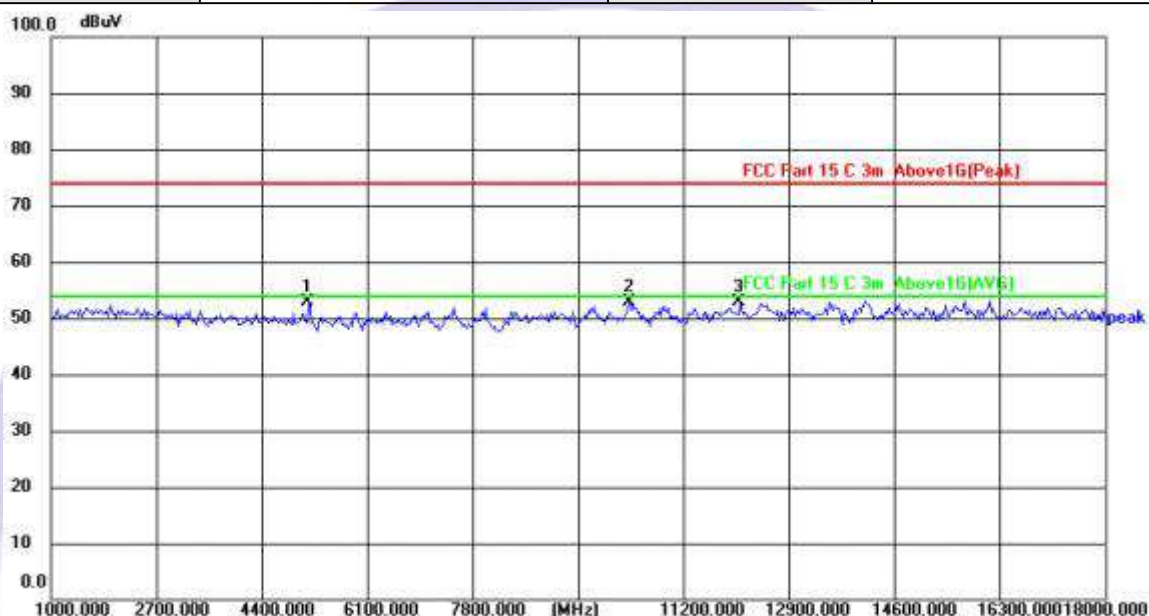
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2453.623	64.82	-11.92	52.90	74.00	-21.10	peak
2	7972.464	50.89	0.70	51.59	74.00	-22.41	peak
3	12456.522	47.64	5.02	52.66	74.00	-21.34	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5600MHz)



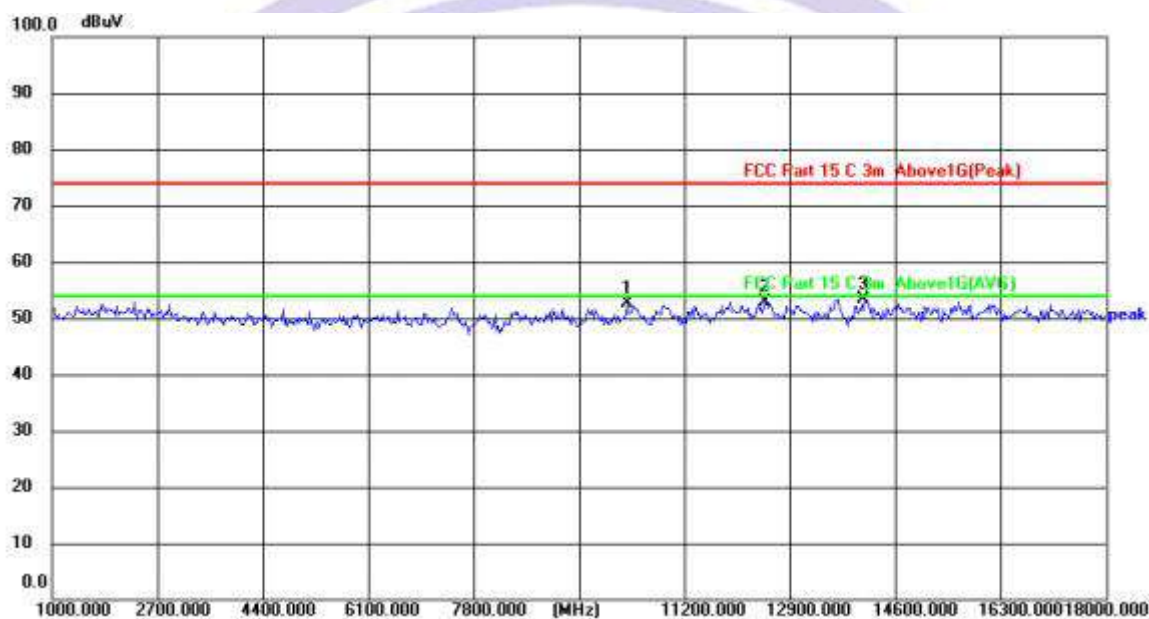
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10362.319	48.25	4.00	52.25	74.00	-21.75	peak
2	12530.435	47.78	5.25	53.03	74.00	-20.97	peak
3	13146.377	46.55	6.30	52.85	74.00	-21.15	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5600MHz)



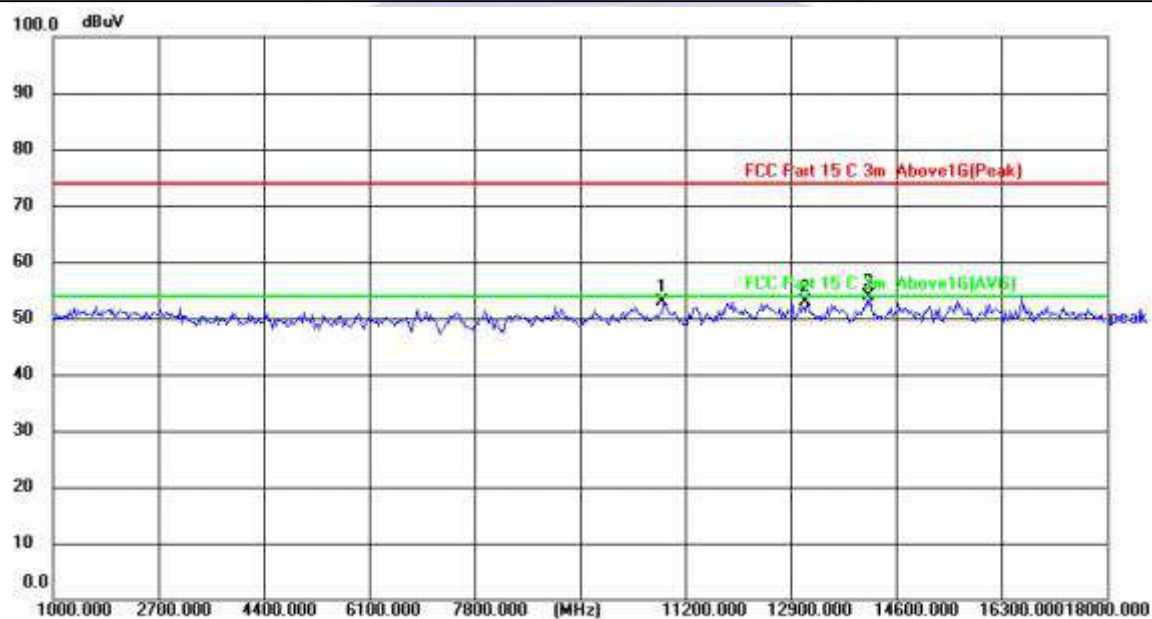
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	5163.768	58.02	-5.13	52.89	74.00	-21.11	peak
2	10337.681	49.02	3.97	52.99	74.00	-21.01	peak
3	12111.594	48.07	4.75	52.82	74.00	-21.18	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5700MHz)



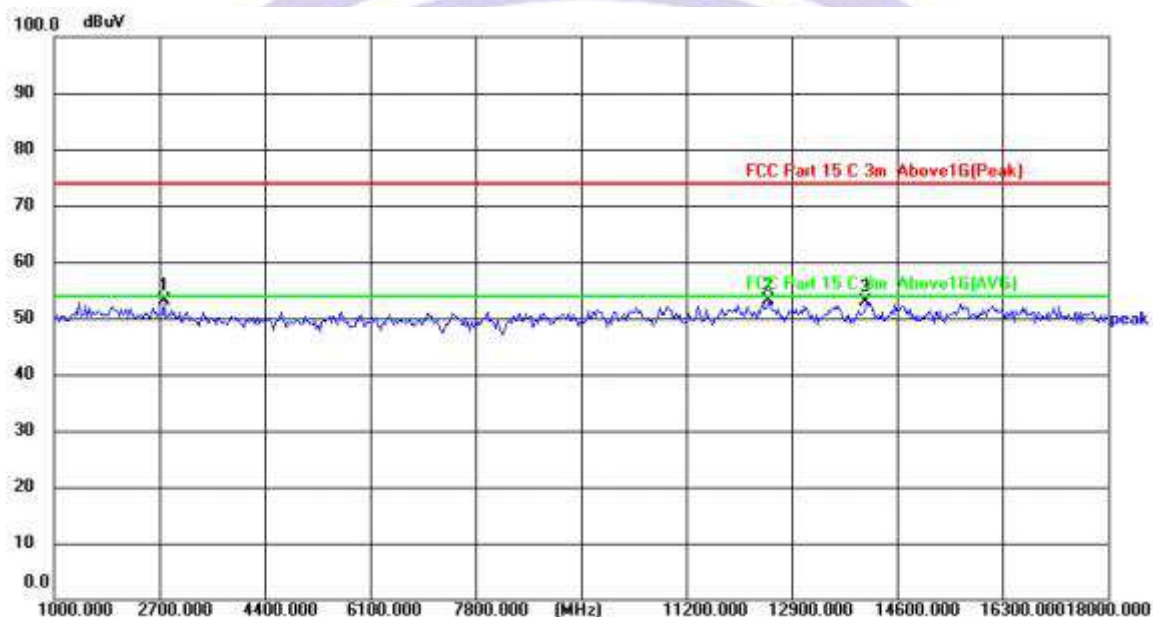
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10288.406	48.69	3.89	52.58	74.00	-21.42	peak
2	12505.797	47.55	5.26	52.81	74.00	-21.19	peak
3	14107.246	46.08	7.36	53.44	74.00	-20.56	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5700MHz)



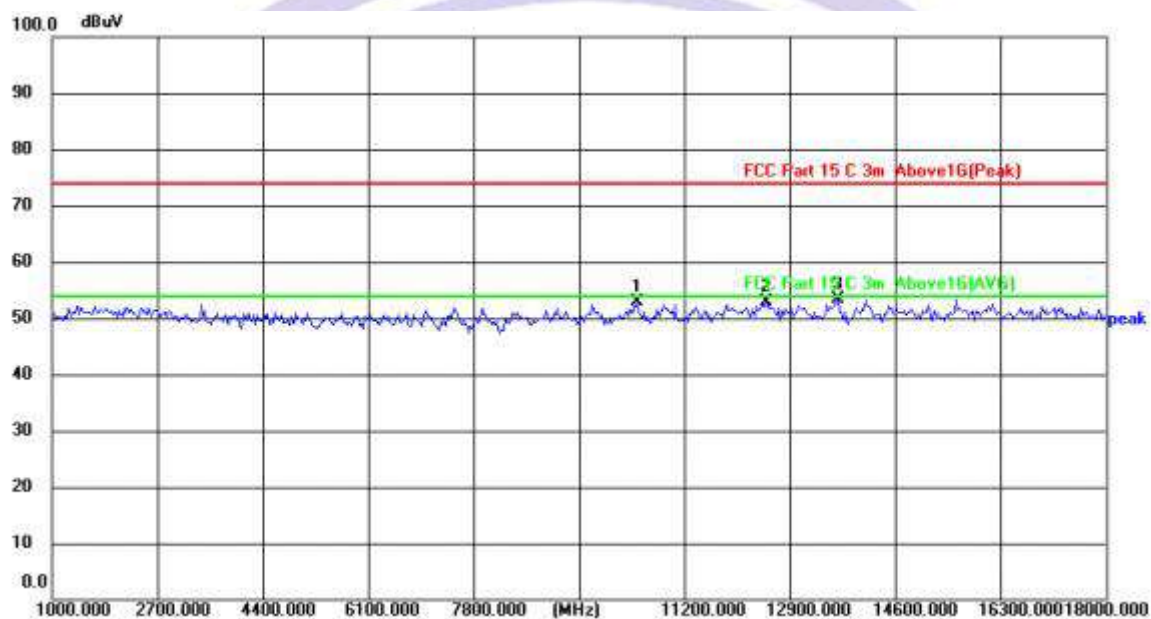
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10855.072	48.08	4.82	52.90	74.00	-21.10	peak
2	13171.014	46.30	6.50	52.80	74.00	-21.20	peak
3	14181.159	46.47	7.51	53.98	74.00	-20.02	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5745MHz)



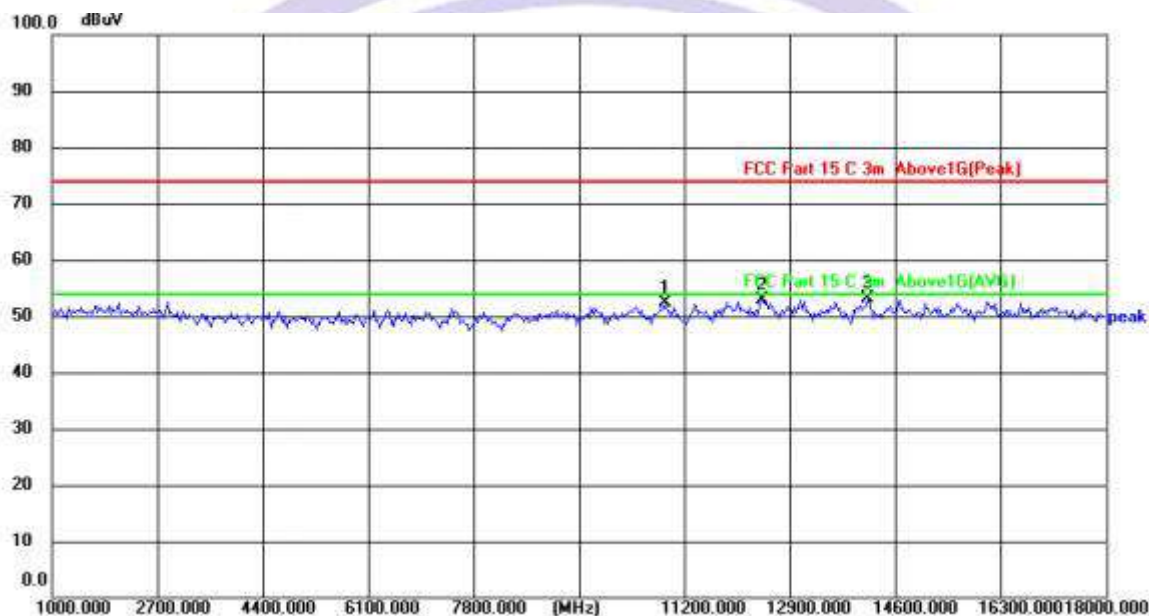
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2773.913	64.95	-11.79	53.16	74.00	-20.84	peak
2	12555.072	47.90	5.24	53.14	74.00	-20.86	peak
3	14107.246	45.62	7.36	52.98	74.00	-21.02	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5745MHz)



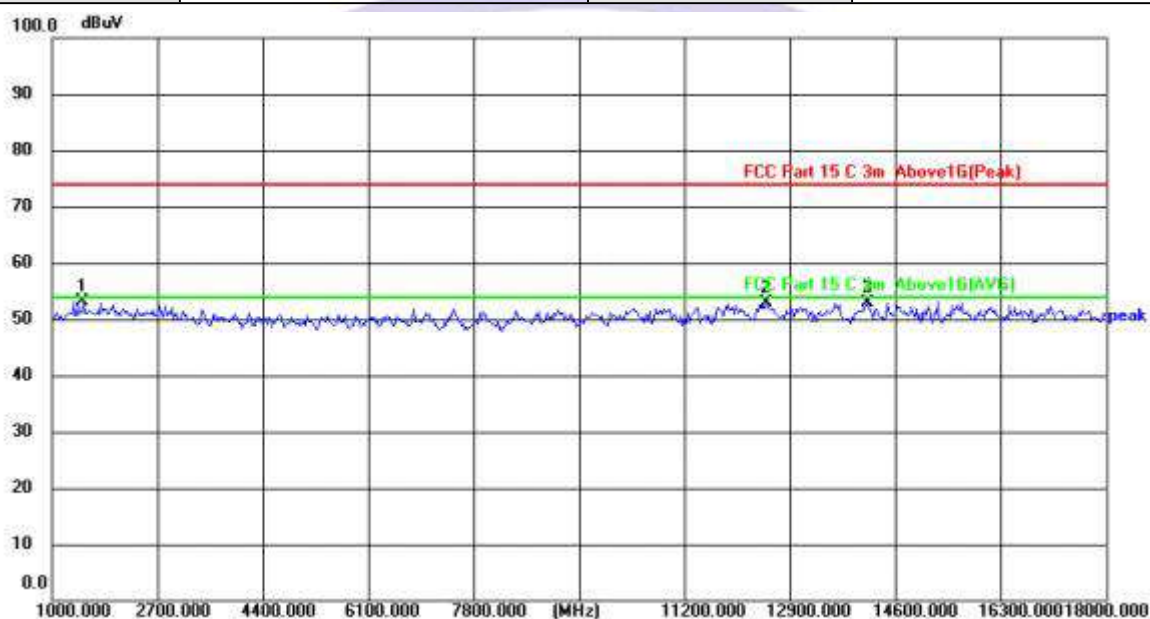
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10436.232	48.77	4.14	52.91	74.00	-21.09	peak
2	12530.435	47.65	5.25	52.90	74.00	-21.10	peak
3	13688.406	45.30	8.10	53.40	74.00	-20.60	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5785MHz)



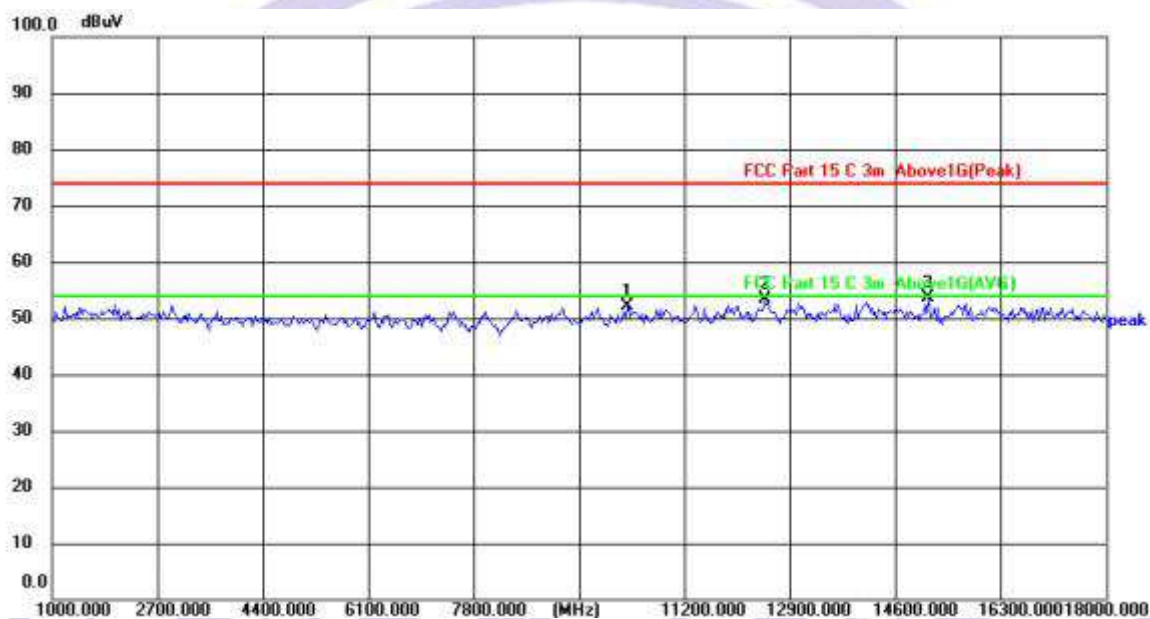
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10904.348	47.67	4.82	52.49	74.00	-21.51	peak
2	12456.522	47.96	5.02	52.98	74.00	-21.02	peak
3	14181.159	45.64	7.51	53.15	74.00	-20.85	peak

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5785MHz)



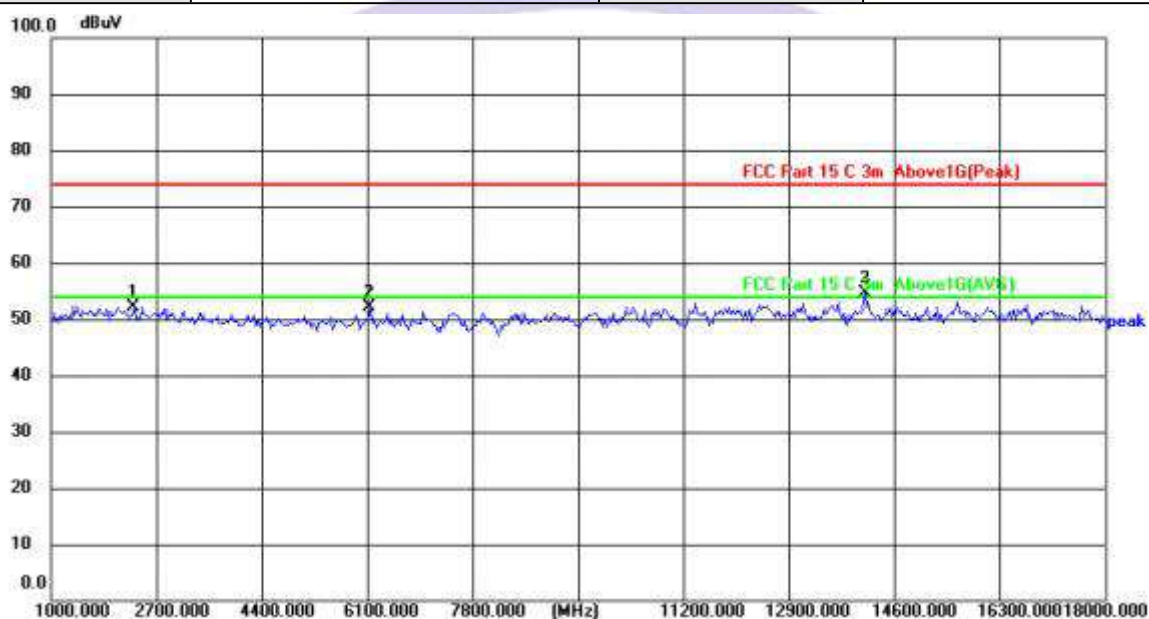
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1517.391	68.78	-15.69	53.09	74.00	-20.91	peak
2	12530.435	47.59	5.25	52.84	74.00	-21.16	peak
3	14156.522	45.39	7.46	52.85	74.00	-21.15	peak

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5825MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	10288.406	48.17	3.89	52.06	74.00	-21.94	peak
2	12505.797	48.02	5.26	53.28	74.00	-20.72	peak
3	15142.029	49.22	4.46	53.68	74.00	-20.32	peak

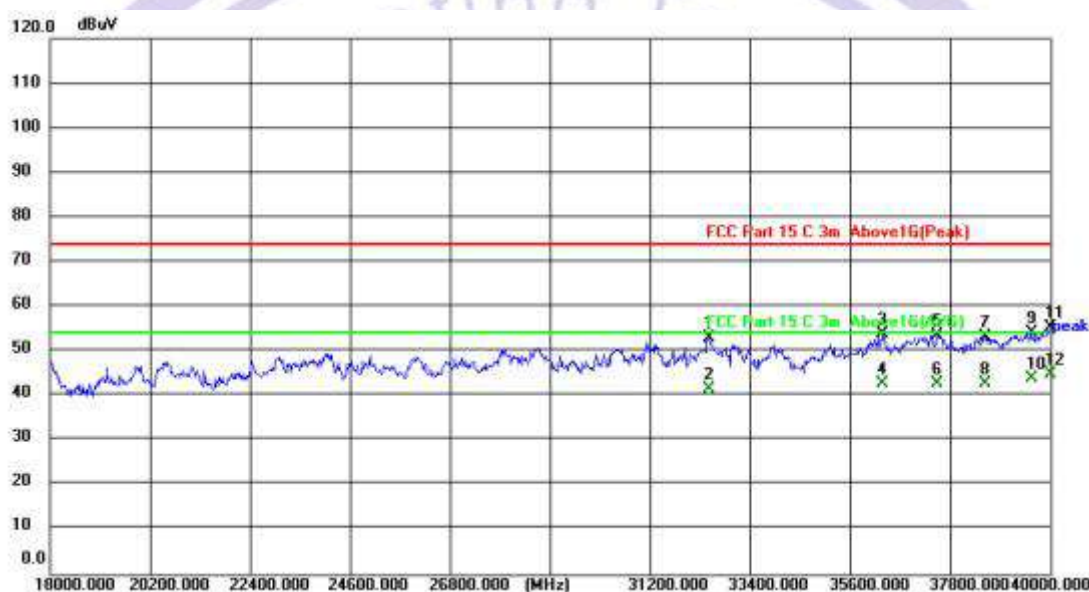
Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5825MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	2355.072	63.27	-11.15	52.12	74.00	-21.88	peak
2	6149.275	54.40	-2.21	52.19	74.00	-21.81	peak
3	14131.884	47.27	7.41	54.68	74.00	-19.32	peak

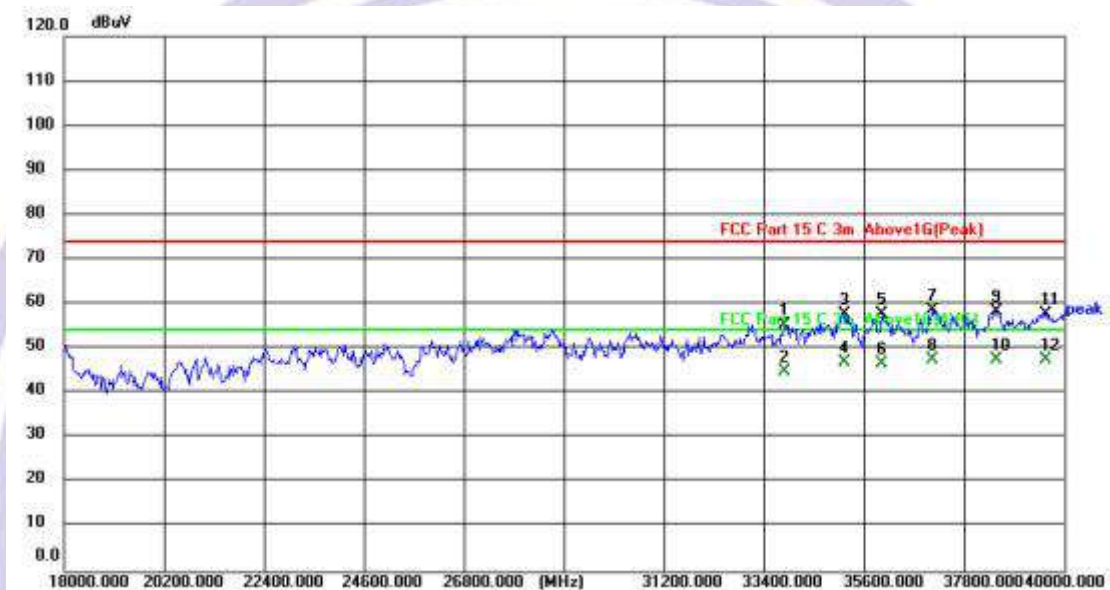
Test Frequency: From 18GHz to 40GHz

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5180MHz)



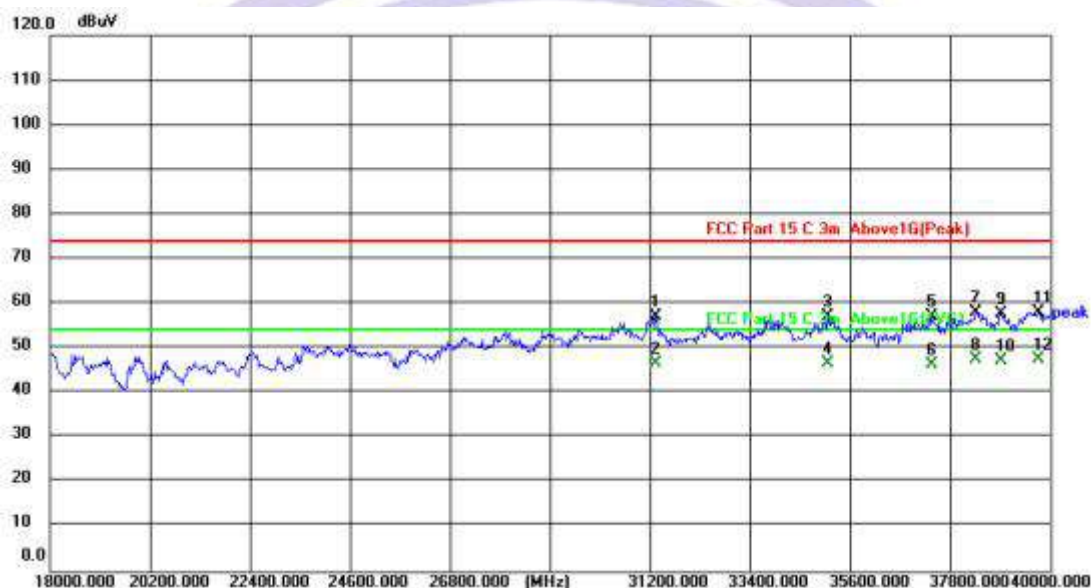
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	32498.000	8.03	44.81	52.84	74.00	-21.16	peak
2	32498.000	-3.25	44.81	41.56	54.00	-12.44	AVG
3	36304.000	33.30	20.59	53.89	74.00	-20.11	peak
4	36304.000	22.29	20.59	42.88	54.00	-11.12	AVG
5	37514.000	31.20	22.43	53.63	74.00	-20.37	peak
6	37514.000	20.26	22.43	42.69	54.00	-11.31	AVG
7	38570.000	28.45	24.67	53.12	74.00	-20.88	peak
8	38570.000	17.96	24.67	42.63	54.00	-11.37	AVG
9	39604.000	28.13	26.12	54.25	74.00	-19.75	peak
10	39604.000	17.90	26.12	44.02	54.00	-9.98	AVG
11	40000.000	27.86	27.38	55.24	74.00	-18.76	peak
12	40000.000	17.37	27.38	44.75	54.00	-9.25	AVG

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5180MHz)



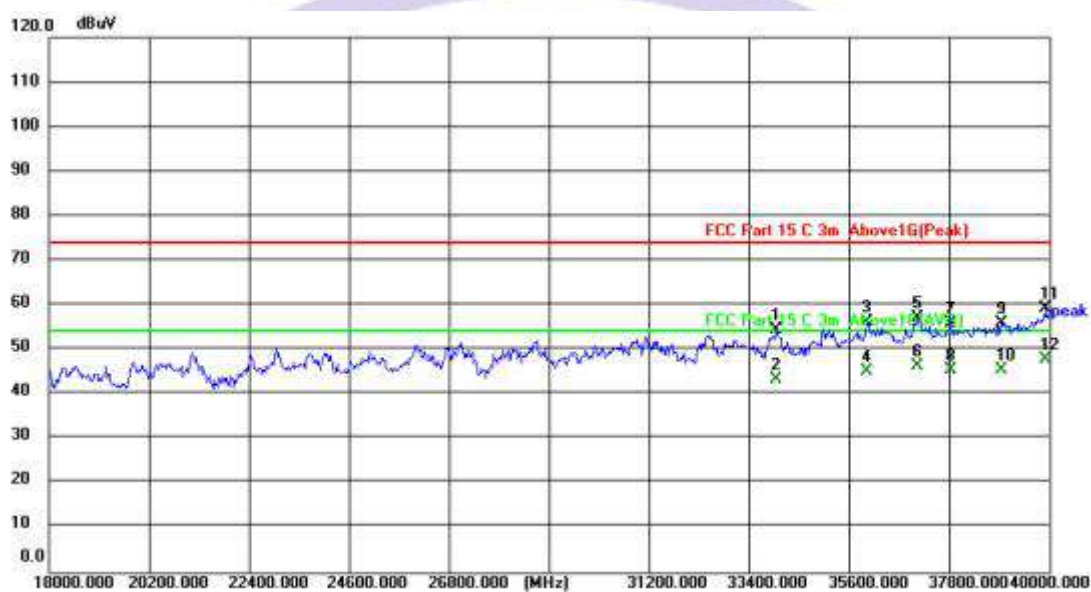
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33840.000	31.18	24.04	55.22	74.00	-18.78	peak
2	33840.000	20.82	24.04	44.86	54.00	-9.14	AVG
3	35160.000	32.18	25.69	57.87	74.00	-16.13	peak
4	35160.000	21.27	25.69	46.96	54.00	-7.04	AVG
5	35996.000	35.33	22.31	57.64	74.00	-16.36	peak
6	35996.000	24.27	22.31	46.58	54.00	-7.42	AVG
7	37118.000	36.45	22.10	58.55	74.00	-15.45	peak
8	37118.000	25.45	22.10	47.55	54.00	-6.45	AVG
9	38504.000	33.95	24.45	58.40	74.00	-15.60	peak
10	38504.000	23.15	24.45	47.60	54.00	-6.40	AVG
11	39604.000	31.77	26.12	57.89	74.00	-16.11	peak
12	39604.000	21.50	26.12	47.62	54.00	-6.38	AVG

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5240MHz)



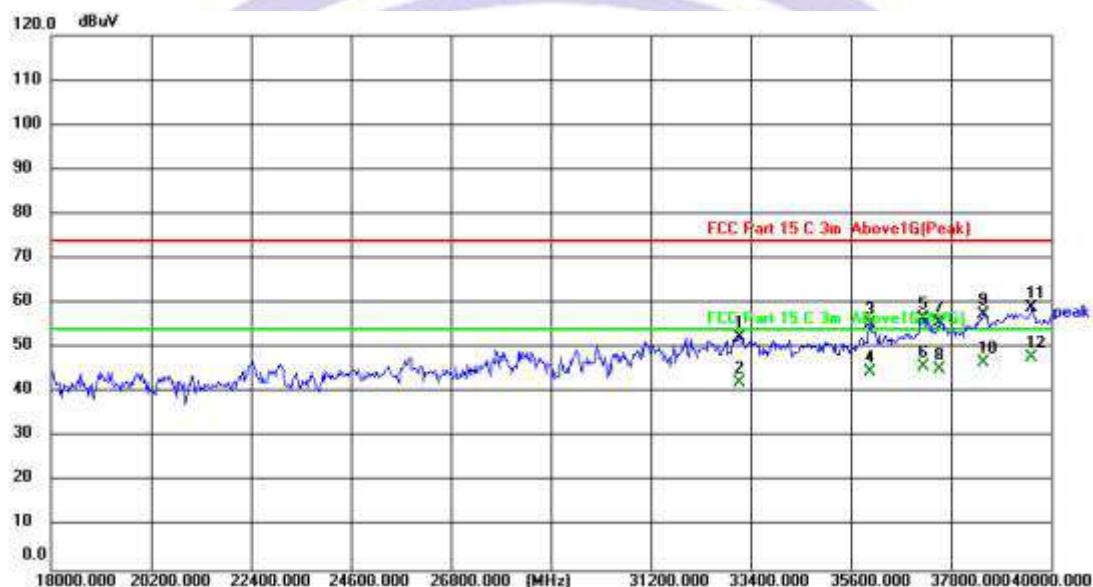
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31332.000	53.21	4.09	57.30	74.00	-16.70	peak
2	31332.000	42.68	4.09	46.77	54.00	-7.23	AVG
3	35116.000	51.02	6.12	57.14	74.00	-16.86	peak
4	35116.000	40.40	6.12	46.52	54.00	-7.48	AVG
5	37404.000	54.84	2.32	57.16	74.00	-16.84	peak
6	37404.000	44.04	2.32	46.36	54.00	-7.64	AVG
7	38372.000	53.83	4.21	58.04	74.00	-15.96	peak
8	38372.000	43.29	4.21	47.50	54.00	-6.50	AVG
9	38922.000	51.47	6.34	57.81	74.00	-16.19	peak
10	38922.000	40.87	6.34	47.21	54.00	-6.79	AVG
11	39758.000	51.46	6.61	58.07	74.00	-15.93	peak
12	39758.000	40.99	6.61	47.60	54.00	-6.40	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5240MHz)



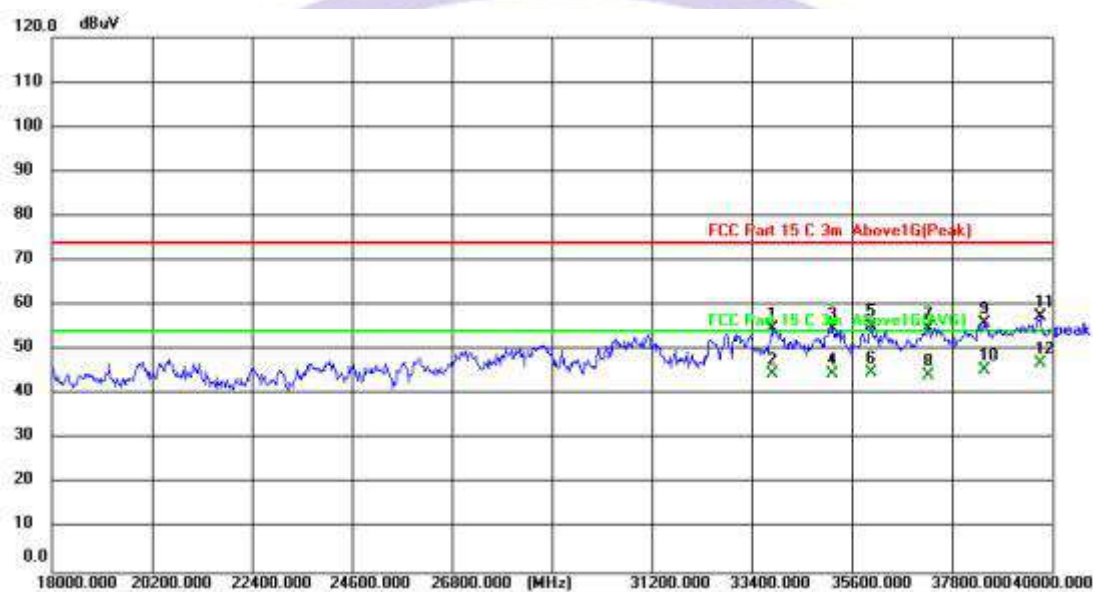
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33994.000	28.36	26.10	54.46	74.00	-19.54	peak
2	33994.000	17.37	26.10	43.47	54.00	-10.53	AVG
3	35996.000	33.83	22.31	56.14	74.00	-17.86	peak
4	35996.000	22.98	22.31	45.29	54.00	-8.71	AVG
5	37118.000	34.95	22.10	57.05	74.00	-16.95	peak
6	37118.000	24.23	22.10	46.33	54.00	-7.67	AVG
7	37844.000	32.80	23.20	56.00	74.00	-18.00	peak
8	37844.000	22.32	23.20	45.52	54.00	-8.48	AVG
9	38944.000	29.46	26.49	55.95	74.00	-18.05	peak
10	38944.000	18.91	26.49	45.40	54.00	-8.60	AVG
11	39912.000	32.09	27.10	59.19	74.00	-14.81	peak
12	39912.000	20.70	27.10	47.80	54.00	-6.20	AVG

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5320MHz)



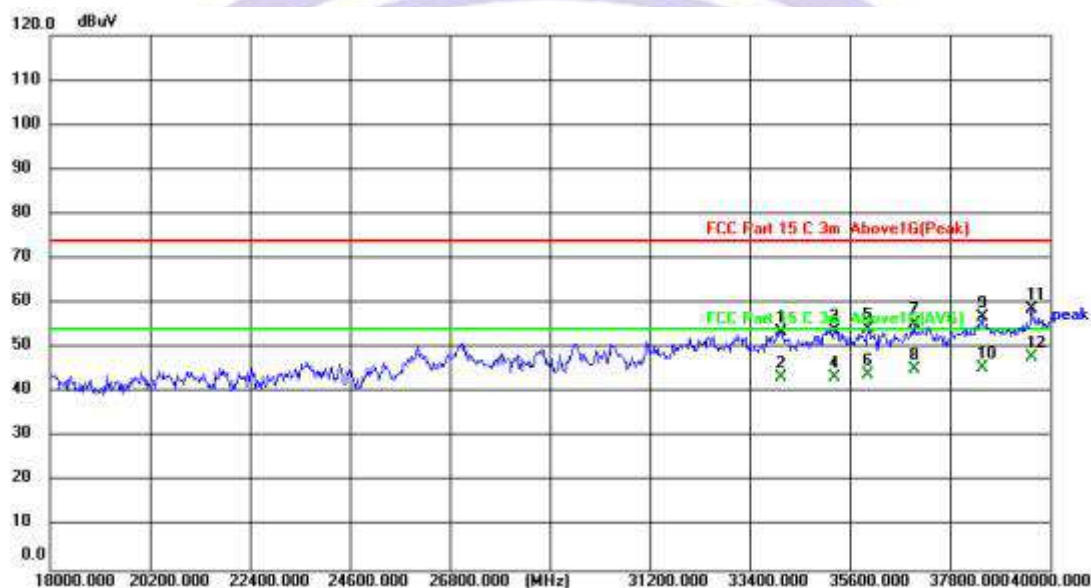
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33136.000	32.79	19.57	52.36	74.00	-21.64	peak
2	33136.000	22.45	19.57	42.02	54.00	-11.98	AVG
3	36018.000	33.02	22.20	55.22	74.00	-18.78	peak
4	36018.000	22.45	22.20	44.65	54.00	-9.35	AVG
5	37206.000	34.25	22.21	56.46	74.00	-17.54	peak
6	37206.000	23.64	22.21	45.85	54.00	-8.15	AVG
7	37558.000	33.25	22.54	55.79	74.00	-18.21	peak
8	37558.000	22.76	22.54	45.30	54.00	-8.70	AVG
9	38504.000	32.95	24.45	57.40	74.00	-16.60	peak
10	38504.000	22.21	24.45	46.66	54.00	-7.34	AVG
11	39582.000	32.73	26.08	58.81	74.00	-15.19	peak
12	39582.000	21.72	26.08	47.80	54.00	-6.20	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5320MHz)



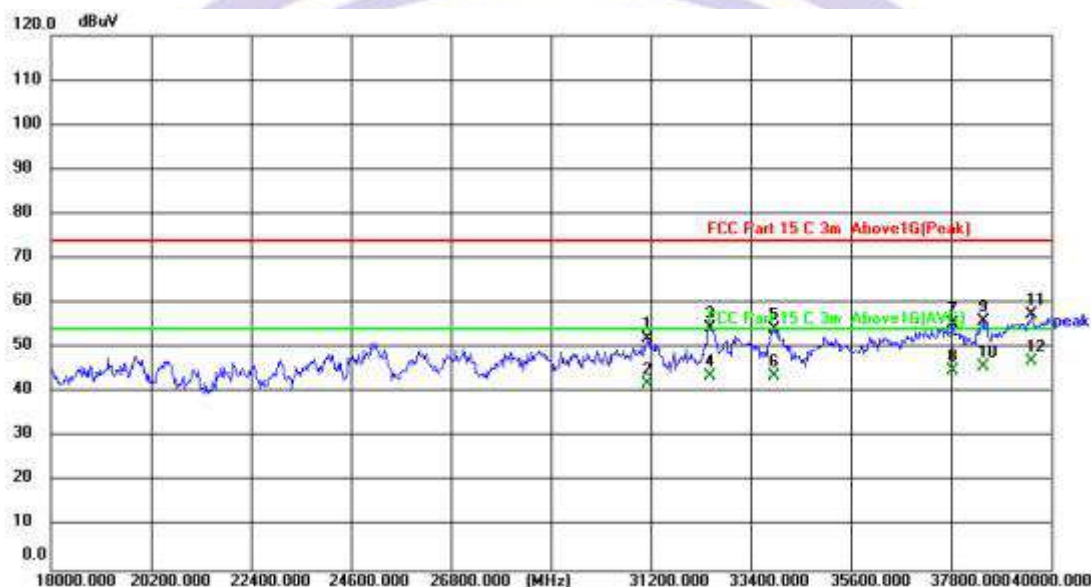
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33840.000	30.68	24.04	54.72	74.00	-19.28	peak
2	33840.000	20.44	24.04	44.48	54.00	-9.52	AVG
3	35160.000	29.18	25.69	54.87	74.00	-19.13	peak
4	35160.000	18.72	25.69	44.41	54.00	-9.59	AVG
5	36018.000	33.02	22.20	55.22	74.00	-18.78	peak
6	36018.000	22.56	22.20	44.76	54.00	-9.24	AVG
7	37294.000	32.55	22.25	54.80	74.00	-19.20	peak
8	37294.000	22.13	22.25	44.38	54.00	-9.62	AVG
9	38504.000	31.45	24.45	55.90	74.00	-18.10	peak
10	38504.000	21.07	24.45	45.52	54.00	-8.48	AVG
11	39736.000	30.77	26.54	57.31	74.00	-16.69	peak
12	39736.000	20.51	26.54	47.05	54.00	-6.95	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5500MHz)



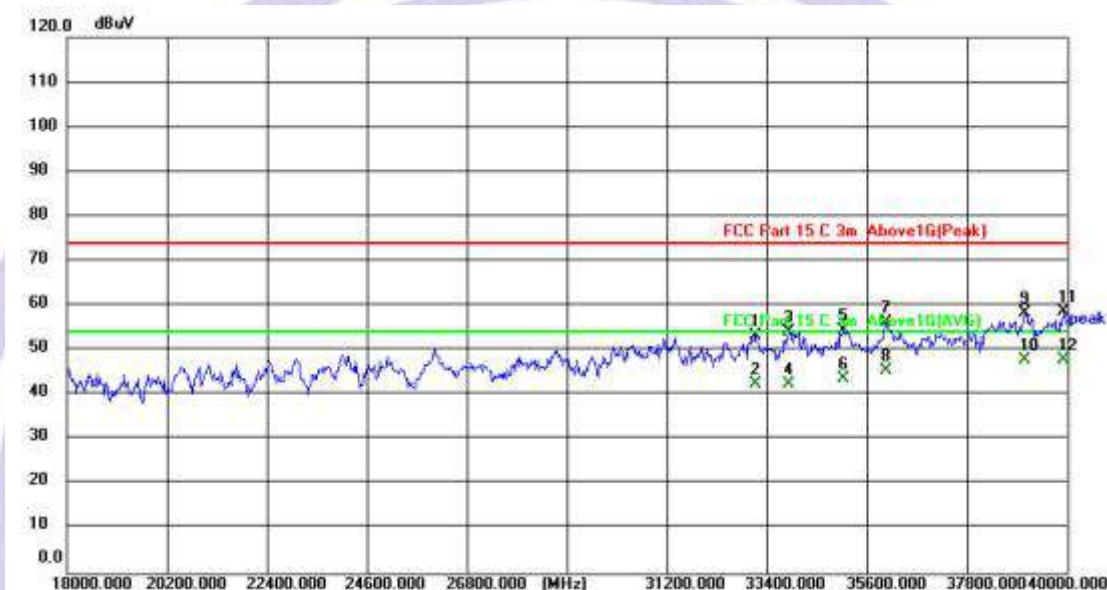
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	34082.000	28.04	25.57	53.61	74.00	-20.39	peak
2	34082.000	17.79	25.57	43.36	54.00	-10.64	AVG
3	35248.000	29.16	24.83	53.99	74.00	-20.01	peak
4	35248.000	18.49	24.83	43.32	54.00	-10.68	AVG
5	35996.000	31.83	22.31	54.14	74.00	-19.86	peak
6	35996.000	21.70	22.31	44.01	54.00	-9.99	AVG
7	37008.000	33.50	21.96	55.46	74.00	-18.54	peak
8	37008.000	23.16	21.96	45.12	54.00	-8.88	AVG
9	38504.000	32.45	24.45	56.90	74.00	-17.10	peak
10	38504.000	20.99	24.45	45.44	54.00	-8.56	AVG
11	39604.000	32.63	26.12	58.75	74.00	-15.25	peak
12	39604.000	21.77	26.12	47.89	54.00	-6.11	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5500MHz)



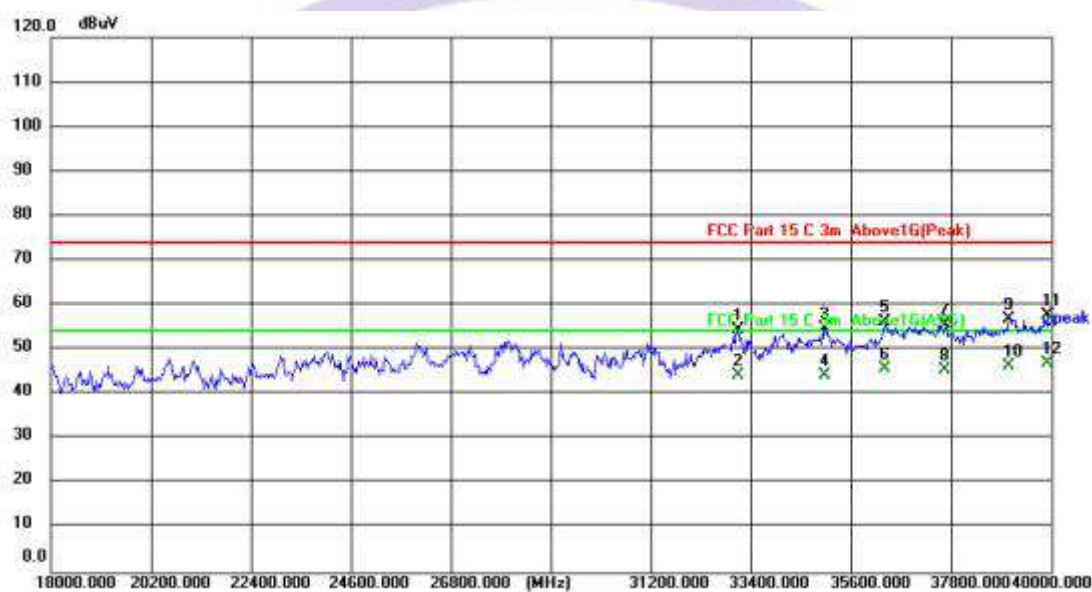
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31134.000	26.73	25.35	52.08	74.00	-21.92	peak
2	31134.000	16.39	25.35	41.74	54.00	-12.26	AVG
3	32498.000	9.53	44.81	54.34	74.00	-19.66	peak
4	32498.000	-1.01	44.81	43.80	54.00	-10.20	AVG
5	33906.000	29.15	24.92	54.07	74.00	-19.93	peak
6	33906.000	18.82	24.92	43.74	54.00	-10.26	AVG
7	37844.000	32.30	23.20	55.50	74.00	-18.50	peak
8	37844.000	21.75	23.20	44.95	54.00	-9.05	AVG
9	38504.000	31.45	24.45	55.90	74.00	-18.10	peak
10	38504.000	21.20	24.45	45.65	54.00	-8.35	AVG
11	39582.000	31.23	26.08	57.31	74.00	-16.69	peak
12	39582.000	20.78	26.08	46.86	54.00	-7.14	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5600MHz)



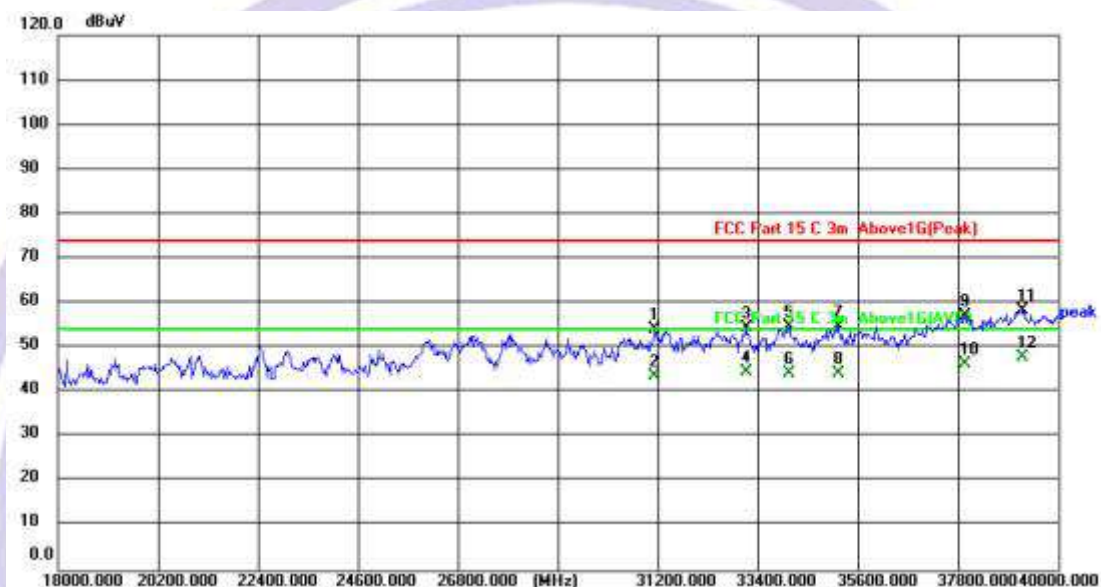
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33136.000	33.79	19.57	53.36	74.00	-20.64	peak
2	33136.000	22.91	19.57	42.48	54.00	-11.52	AVG
3	33884.000	29.60	24.63	54.23	74.00	-19.77	peak
4	33884.000	17.93	24.63	42.56	54.00	-11.44	AVG
5	35094.000	28.08	26.32	54.40	74.00	-19.60	peak
6	35094.000	17.26	26.32	43.58	54.00	-10.42	AVG
7	36018.000	34.02	22.20	56.22	74.00	-17.78	peak
8	36018.000	23.30	22.20	45.50	54.00	-8.50	AVG
9	39076.000	31.64	26.85	58.49	74.00	-15.51	peak
10	39076.000	20.95	26.85	47.80	54.00	-6.20	AVG
11	39912.000	31.59	27.10	58.69	74.00	-15.31	peak
12	39912.000	20.88	27.10	47.98	54.00	-6.02	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5600MHz)



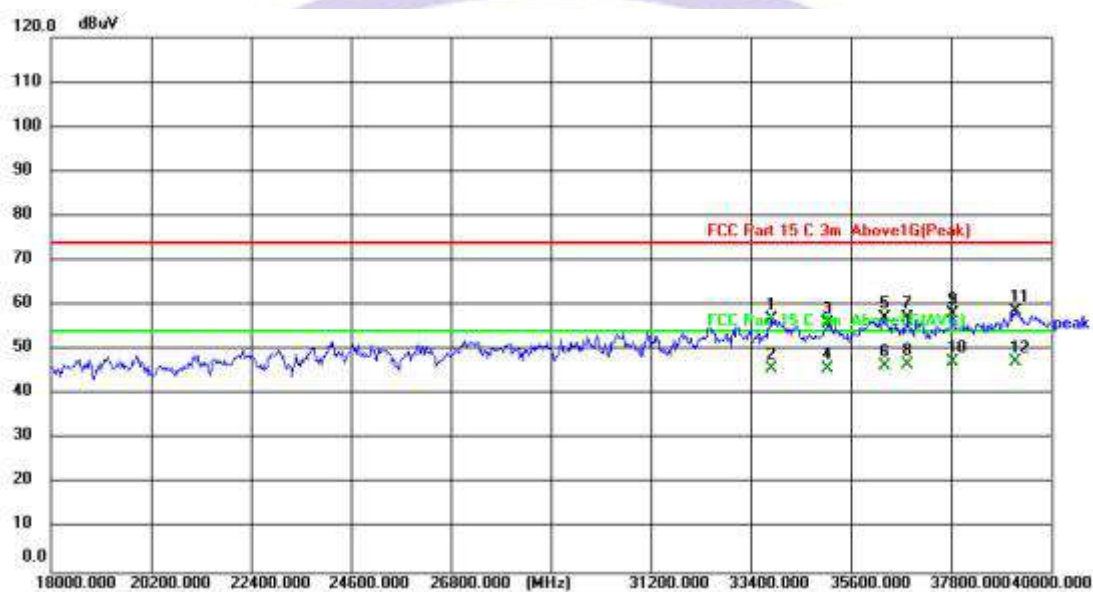
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33114.000	34.97	19.60	54.57	74.00	-19.43	peak
2	33114.000	24.61	19.60	44.21	54.00	-9.79	AVG
3	35028.000	27.89	26.95	54.84	74.00	-19.16	peak
4	35028.000	17.37	26.95	44.32	54.00	-9.68	AVG
5	36348.000	35.85	20.36	56.21	74.00	-17.79	peak
6	36348.000	25.29	20.36	45.65	54.00	-8.35	AVG
7	37668.000	32.95	22.82	55.77	74.00	-18.23	peak
8	37668.000	22.59	22.82	45.41	54.00	-8.59	AVG
9	39076.000	30.14	26.85	56.99	74.00	-17.01	peak
10	39076.000	19.55	26.85	46.40	54.00	-7.60	AVG
11	39912.000	30.59	27.10	57.69	74.00	-16.31	peak
12	39912.000	19.78	27.10	46.88	54.00	-7.12	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5700MHz)



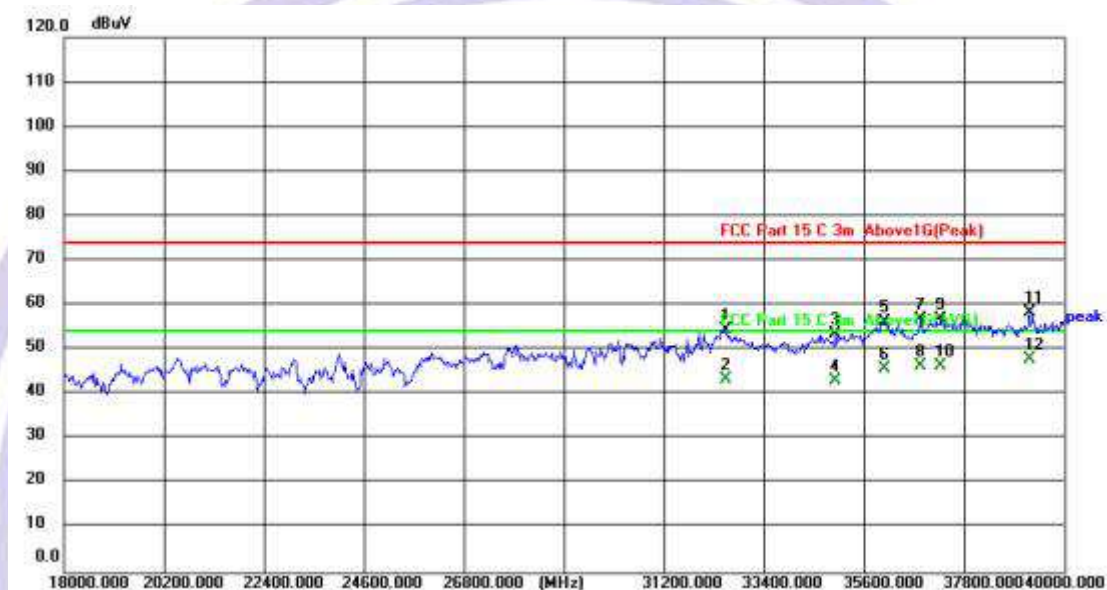
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31134.000	28.73	25.35	54.08	74.00	-19.92	peak
2	31134.000	18.21	25.35	43.56	54.00	-10.44	AVG
3	33136.000	34.79	19.57	54.36	74.00	-19.64	peak
4	33136.000	24.97	19.57	44.54	54.00	-9.46	AVG
5	34082.000	29.04	25.57	54.61	74.00	-19.39	peak
6	34082.000	18.64	25.57	44.21	54.00	-9.79	AVG
7	35160.000	29.18	25.69	54.87	74.00	-19.13	peak
8	35160.000	18.48	25.69	44.17	54.00	-9.83	AVG
9	37954.000	33.74	23.43	57.17	74.00	-16.83	peak
10	37954.000	22.79	23.43	46.22	54.00	-7.78	AVG
11	39230.000	31.75	26.75	58.50	74.00	-15.50	peak
12	39230.000	21.10	26.75	47.85	54.00	-6.15	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5700MHz)



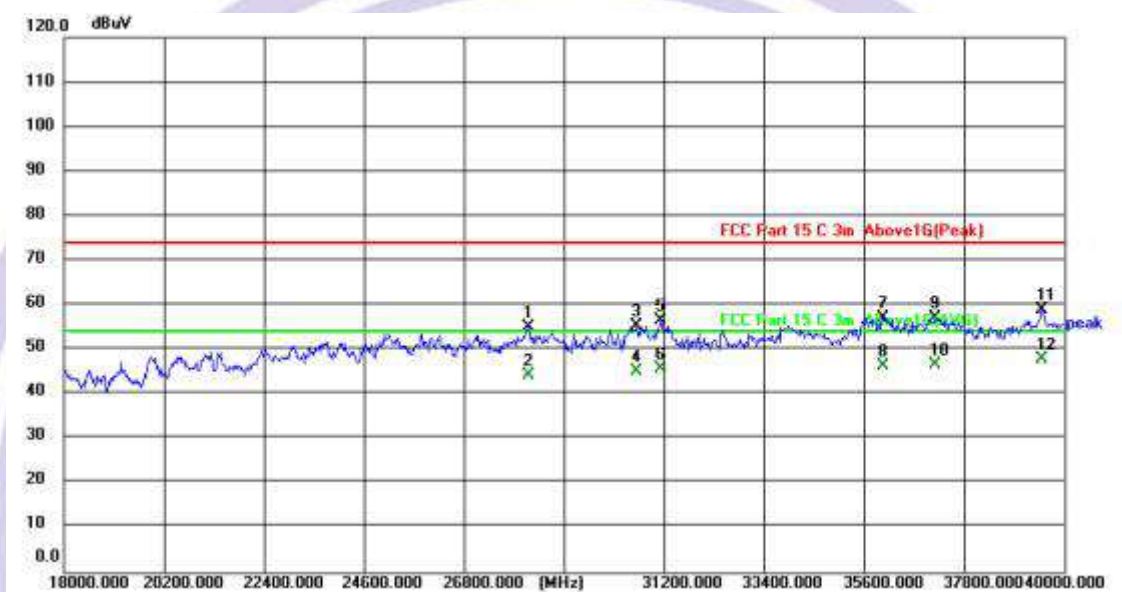
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33840.000	32.68	24.04	56.72	74.00	-17.28	peak
2	33840.000	21.84	24.04	45.88	54.00	-8.12	AVG
3	35094.000	29.58	26.32	55.90	74.00	-18.10	peak
4	35094.000	19.42	26.32	45.74	54.00	-8.26	AVG
5	36348.000	36.85	20.36	57.21	74.00	-16.79	peak
6	36348.000	26.02	20.36	46.38	54.00	-7.62	AVG
7	36854.000	36.08	21.21	57.29	74.00	-16.71	peak
8	36854.000	25.49	21.21	46.70	54.00	-7.30	AVG
9	37844.000	34.80	23.20	58.00	74.00	-16.00	peak
10	37844.000	24.05	23.20	47.25	54.00	-6.75	AVG
11	39208.000	31.88	26.82	58.70	74.00	-15.30	peak
12	39208.000	20.38	26.82	47.20	54.00	-6.80	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5745MHz)



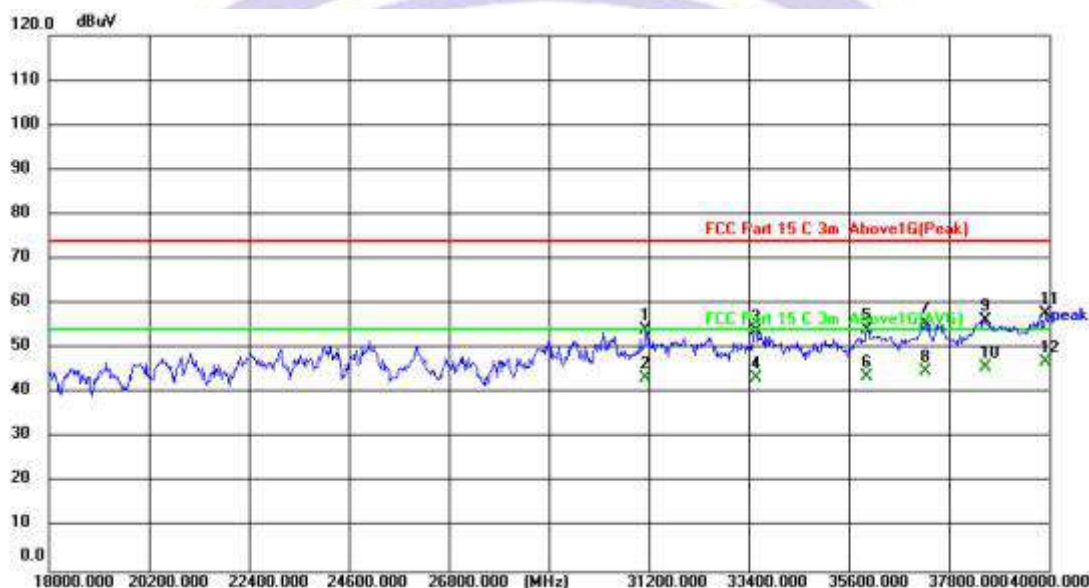
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	32564.000	12.76	41.71	54.47	74.00	-19.53	peak
2	32564.000	1.55	41.71	43.26	54.00	-10.74	AVG
3	34962.000	26.64	26.94	53.58	74.00	-20.42	peak
4	34962.000	16.18	26.94	43.12	54.00	-10.88	AVG
5	36040.000	34.28	22.07	56.35	74.00	-17.65	peak
6	36040.000	23.61	22.07	45.68	54.00	-8.32	AVG
7	36854.000	35.58	21.21	56.79	74.00	-17.21	peak
8	36854.000	25.00	21.21	46.21	54.00	-7.79	AVG
9	37294.000	34.55	22.25	56.80	74.00	-17.20	peak
10	37294.000	24.00	22.25	46.25	54.00	-7.75	AVG
11	39252.000	31.61	26.70	58.31	74.00	-15.69	peak
12	39252.000	21.05	26.70	47.75	54.00	-6.25	AVG

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5745MHz)



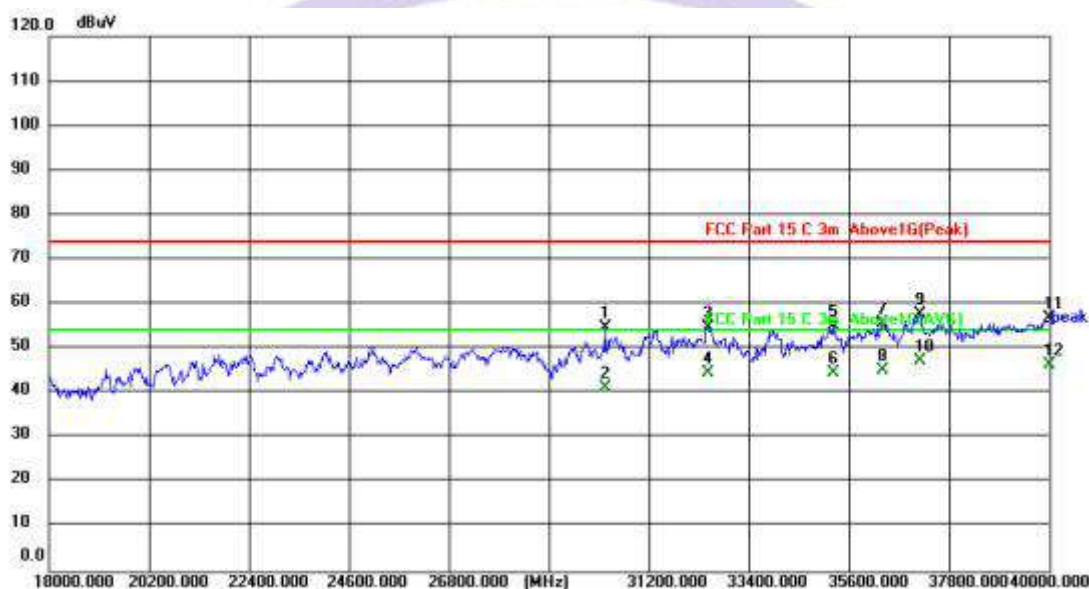
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	28230.000	33.53	21.39	54.92	74.00	-19.08	peak
2	28230.000	22.74	21.39	44.13	54.00	-9.87	AVG
3	30606.000	29.03	26.46	55.49	74.00	-18.51	peak
4	30606.000	18.76	26.46	45.22	54.00	-8.78	AVG
5	31134.000	31.23	25.35	56.58	74.00	-17.42	peak
6	31134.000	20.31	25.35	45.66	54.00	-8.34	AVG
7	36018.000	35.02	22.20	57.22	74.00	-16.78	peak
8	36018.000	24.05	22.20	46.25	54.00	-7.75	AVG
9	37162.000	35.02	22.16	57.18	74.00	-16.82	peak
10	37162.000	24.53	22.16	46.69	54.00	-7.31	AVG
11	39516.000	32.90	25.92	58.82	74.00	-15.18	peak
12	39516.000	21.78	25.92	47.70	54.00	-6.30	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11 a (5785MHz)



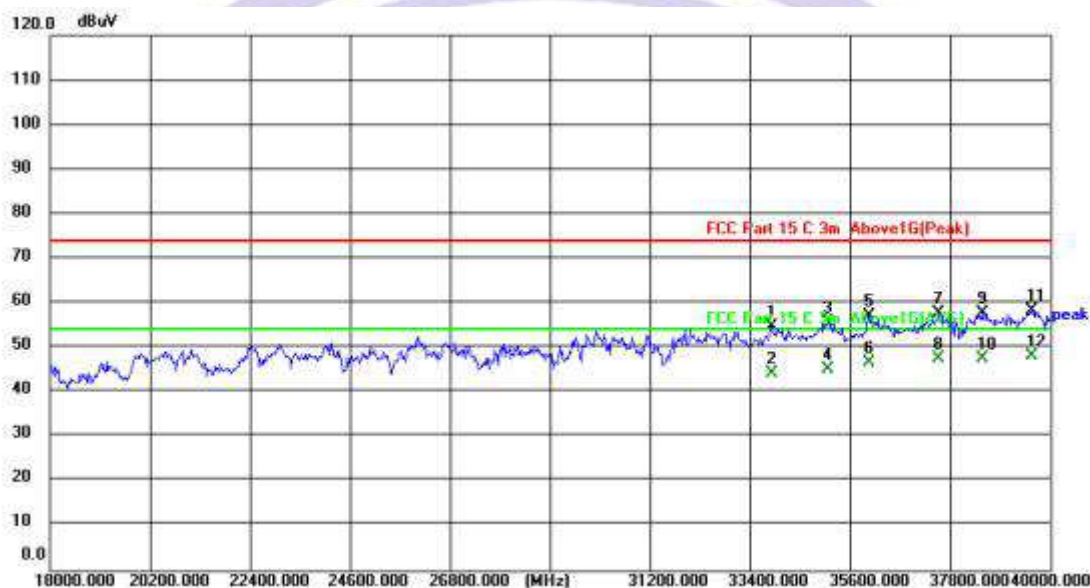
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31134.000	28.73	25.35	54.08	74.00	-19.92	peak
2	31134.000	18.09	25.35	43.44	54.00	-10.56	AVG
3	33554.000	34.03	19.79	53.82	74.00	-20.18	peak
4	33554.000	23.53	19.79	43.32	54.00	-10.68	AVG
5	35996.000	31.83	22.31	54.14	74.00	-19.86	peak
6	35996.000	21.25	22.31	43.56	54.00	-10.44	AVG
7	37294.000	33.55	22.25	55.80	74.00	-18.20	peak
8	37294.000	22.74	22.25	44.99	54.00	-9.01	AVG
9	38592.000	31.60	24.74	56.34	74.00	-17.66	peak
10	38592.000	21.04	24.74	45.78	54.00	-8.22	AVG
11	39912.000	30.59	27.10	57.69	74.00	-16.31	peak
12	39912.000	19.95	27.10	47.05	54.00	-6.95	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5785MHz)



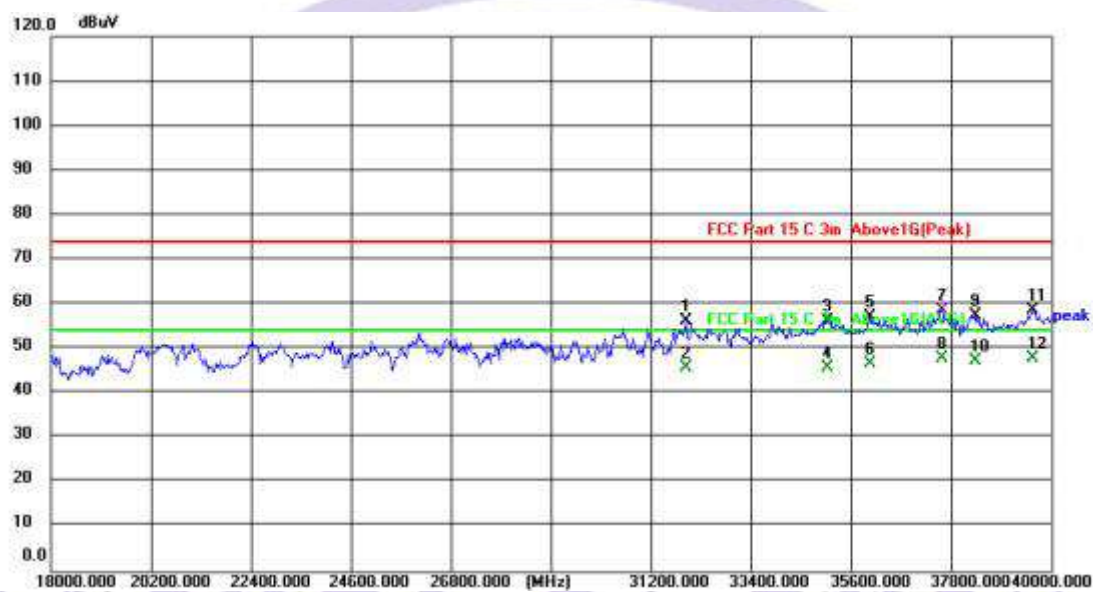
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	30232.000	30.08	24.76	54.84	74.00	-19.16	peak
2	30232.000	16.49	24.76	41.25	54.00	-12.75	AVG
3	32498.000	10.03	44.81	54.84	74.00	-19.16	peak
4	32498.000	-0.25	44.81	44.56	54.00	-9.44	AVG
5	35248.000	30.16	24.83	54.99	74.00	-19.01	peak
6	35248.000	19.74	24.83	44.57	54.00	-9.43	AVG
7	36348.000	35.35	20.36	55.71	74.00	-18.29	peak
8	36348.000	24.86	20.36	45.22	54.00	-8.78	AVG
9	37162.000	35.52	22.16	57.68	74.00	-16.32	peak
10	37162.000	25.07	22.16	47.23	54.00	-6.77	AVG
11	40000.000	29.36	27.38	56.74	74.00	-17.26	peak
12	40000.000	19.02	27.38	46.40	54.00	-7.60	AVG

Temperature:	24.5℃	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Horizontal
Test Voltage:	DC 3.3V	Mode	802.11a (5825MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	33884.000	30.10	24.63	54.73	74.00	-19.27	peak
2	33884.000	19.73	24.63	44.36	54.00	-9.64	AVG
3	35116.000	29.64	26.12	55.76	74.00	-18.24	peak
4	35116.000	19.13	26.12	45.25	54.00	-8.75	AVG
5	36018.000	35.02	22.20	57.22	74.00	-16.78	peak
6	36018.000	24.55	22.20	46.75	54.00	-7.25	AVG
7	37558.000	35.25	22.54	57.79	74.00	-16.21	peak
8	37558.000	25.01	22.54	47.55	54.00	-6.45	AVG
9	38504.000	33.45	24.45	57.90	74.00	-16.10	peak
10	38504.000	23.00	24.45	47.45	54.00	-6.55	AVG
11	39604.000	32.13	26.12	58.25	74.00	-15.75	peak
12	39604.000	21.89	26.12	48.01	54.00	-5.99	AVG

Temperature:	24.5°C	Relative Humidity:	55.5%
Pressure:	101.3kPa	Polarization:	Vertical
Test Voltage:	DC 3.3V	Mode	802.11 a (5825MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31970.000	38.65	19.65	58.30	74.00	-15.70	peak
2	31970.000	27.95	19.65	47.60	54.00	-6.40	AVG
3	35116.000	33.14	26.12	59.26	74.00	-14.74	peak
4	35116.000	21.38	26.12	47.50	54.00	-6.50	AVG
5	36018.000	38.02	22.20	60.22	74.00	-13.78	peak
6	36018.000	26.60	22.20	48.80	54.00	-5.20	AVG
7	37558.000	39.25	22.54	61.79	74.00	-12.21	peak
8	37558.000	27.96	22.54	50.50	54.00	-3.50	AVG
9	38504.000	36.95	24.45	61.40	74.00	-12.60	peak
10	38504.000	26.31	24.45	50.76	54.00	-3.24	AVG
11	39582.000	36.23	26.08	62.31	74.00	-11.69	peak
12	39582.000	25.80	26.08	51.88	54.00	-2.12	AVG

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	31970.000	36.65	19.65	56.30	74.00	-17.70	peak
2	31970.000	26.10	19.65	45.75	54.00	-8.25	AVG
3	35094.000	30.08	26.32	56.40	74.00	-17.60	peak
4	35094.000	19.36	26.32	45.68	54.00	-8.32	AVG
5	36018.000	35.02	22.20	57.22	74.00	-16.78	peak
6	36018.000	24.57	22.20	46.77	54.00	-7.23	AVG
7	37602.000	35.90	22.67	58.57	74.00	-15.43	QP
8	37602.000	25.18	22.67	47.85	54.00	-6.15	AVG
9	38328.000	33.29	24.12	57.41	74.00	-16.59	peak
10	38328.000	23.00	24.12	47.12	54.00	-6.88	AVG
11	39604.000	32.63	26.12	58.75	74.00	-15.25	peak
12	39604.000	21.76	26.12	47.88	54.00	-6.12	AVG

Note:

1. Remark: Level=Reading+Factor

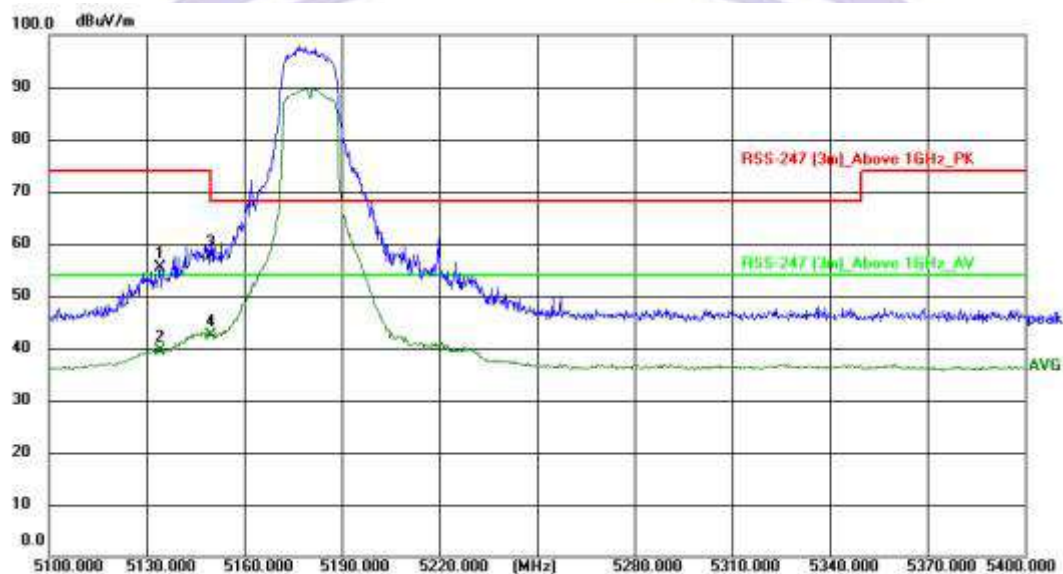
Factor=Cable Loss+ANT Factor-AMP Factor

Margin=Level - Factor

2. We test all the mode and recorded the worst mode (802.11 a) in the report.

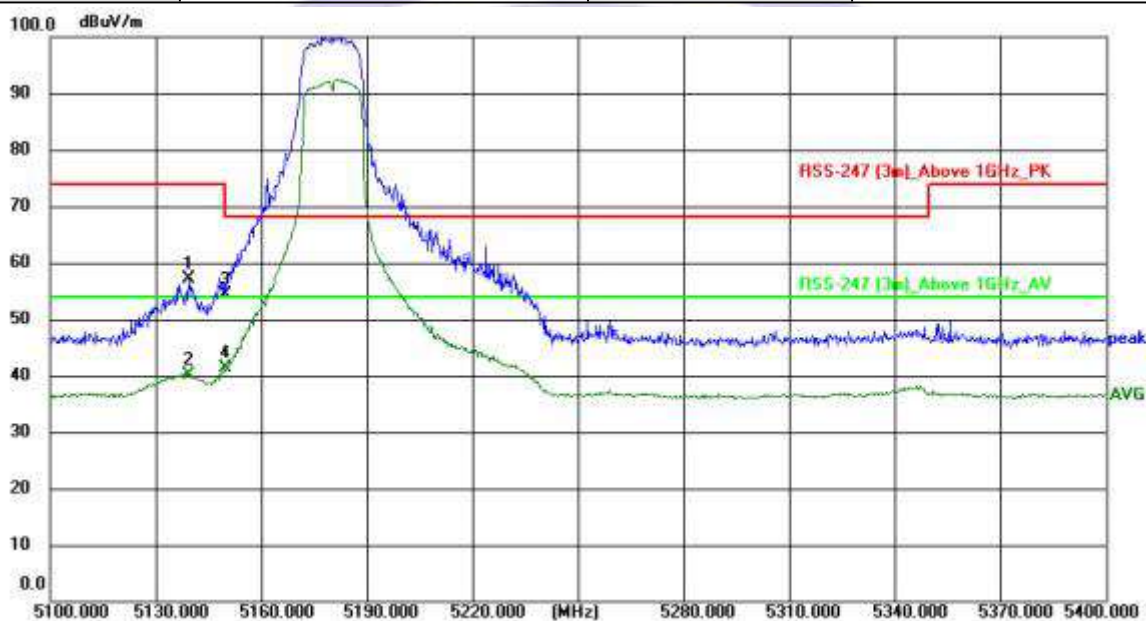
Restricted bands:

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5180MHz)



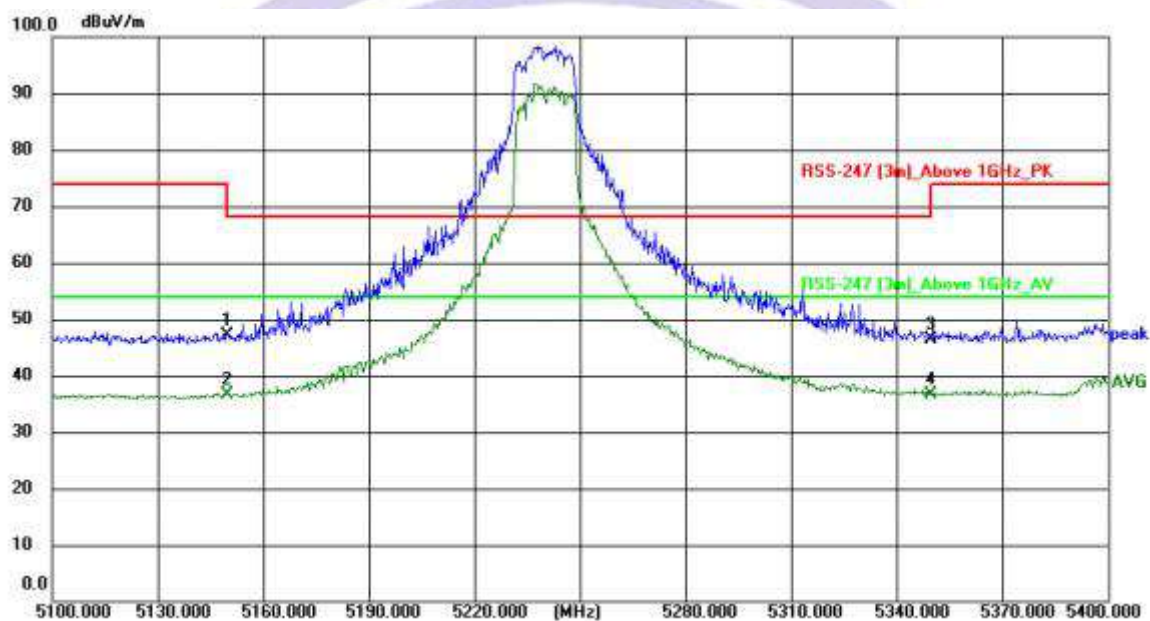
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5134.200	49.73	5.68	55.41	74.00	-18.59	peak
2	5134.200	33.72	5.68	39.40	54.00	-14.60	AVG
3	5150.000	51.96	5.77	57.73	68.20	-10.47	peak
4	5150.000	36.64	5.77	42.41	54.00	-11.59	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5180MHz)



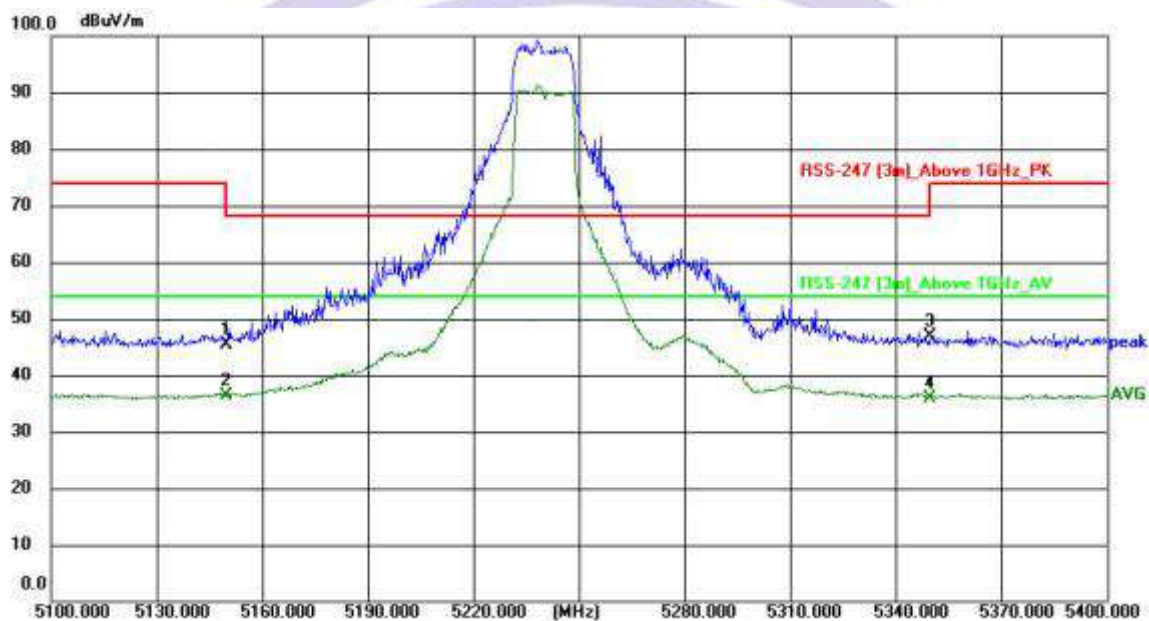
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5139.300	51.33	5.71	57.04	74.00	-16.96	peak
2	5139.300	34.39	5.71	40.10	54.00	-13.90	AVG
3	5150.000	48.65	5.77	54.42	68.20	-13.78	peak
4	5150.000	35.55	5.77	41.32	54.00	-12.68	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5240MHz)



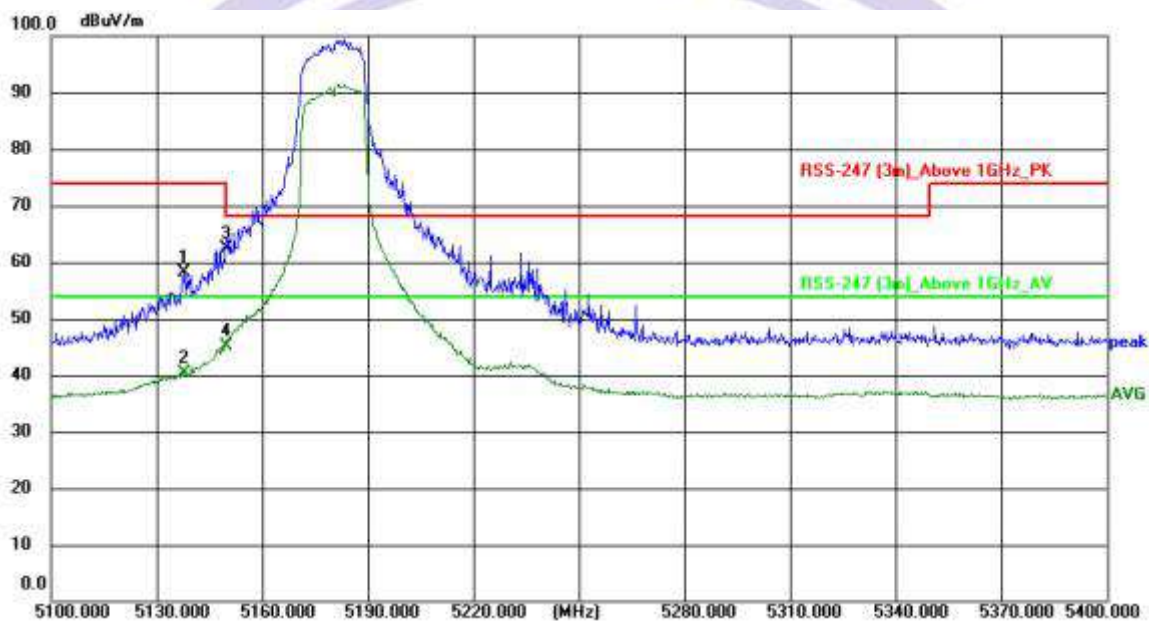
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	41.25	5.77	47.02	68.20	-21.18	peak
2	5150.000	30.88	5.77	36.65	54.00	-17.35	AVG
3	5350.000	40.13	6.28	46.41	68.20	-21.79	peak
4	5350.000	30.39	6.28	36.67	54.00	-17.33	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5240MHz)



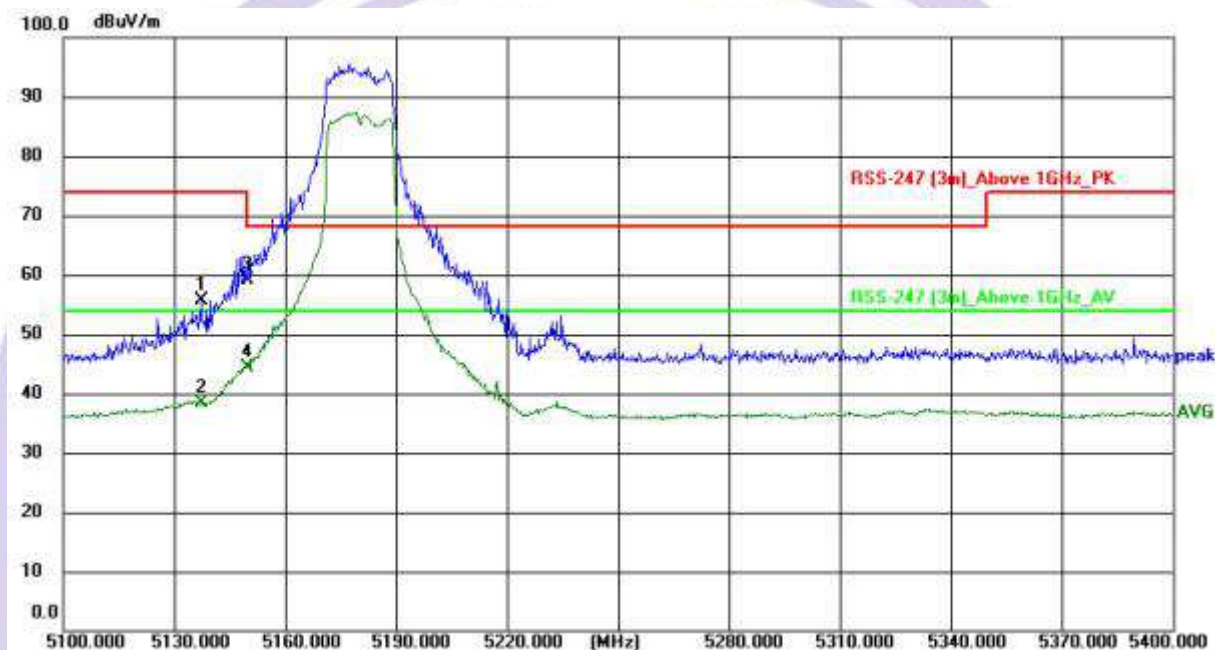
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	39.52	5.77	45.29	68.20	-22.91	peak
2	5150.000	30.65	5.77	36.42	54.00	-17.58	AVG
3	5350.000	40.68	6.28	46.96	68.20	-21.24	peak
4	5350.000	29.72	6.28	36.00	54.00	-18.00	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5180MHz)



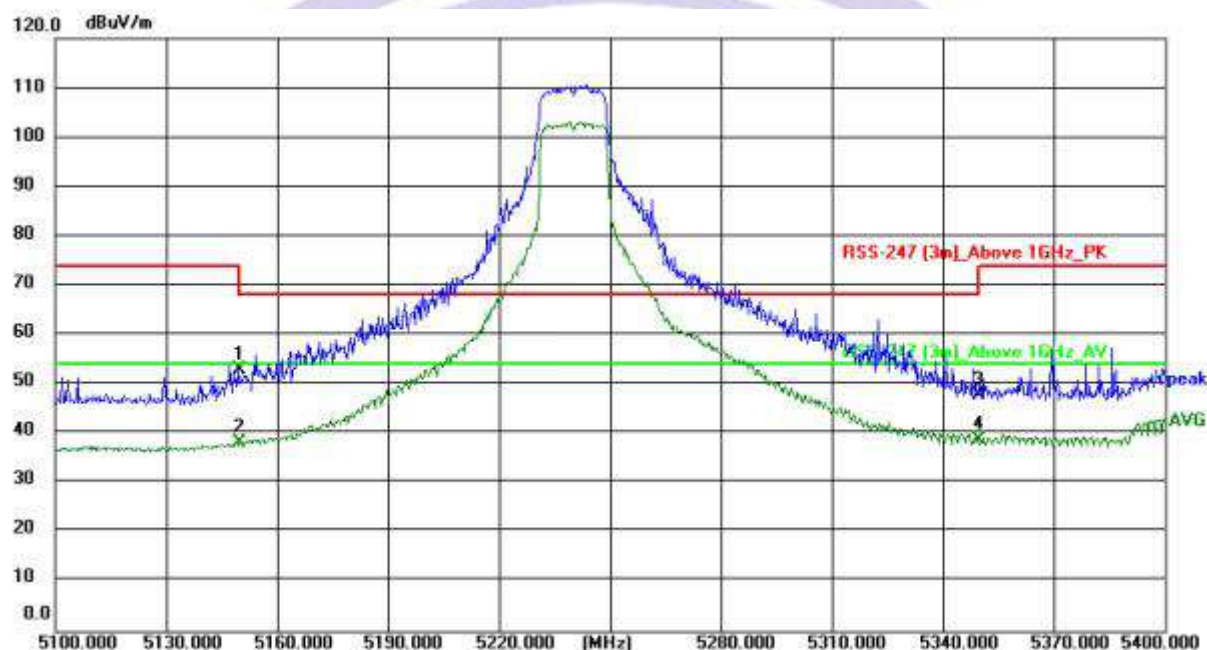
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5137.800	52.43	5.69	58.12	74.00	-15.88	peak
2	5137.800	34.79	5.69	40.48	54.00	-13.52	AVG
3	5150.000	56.59	5.77	62.36	68.20	-5.84	peak
4	5150.000	39.46	5.77	45.23	54.00	-8.77	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5180MHz)



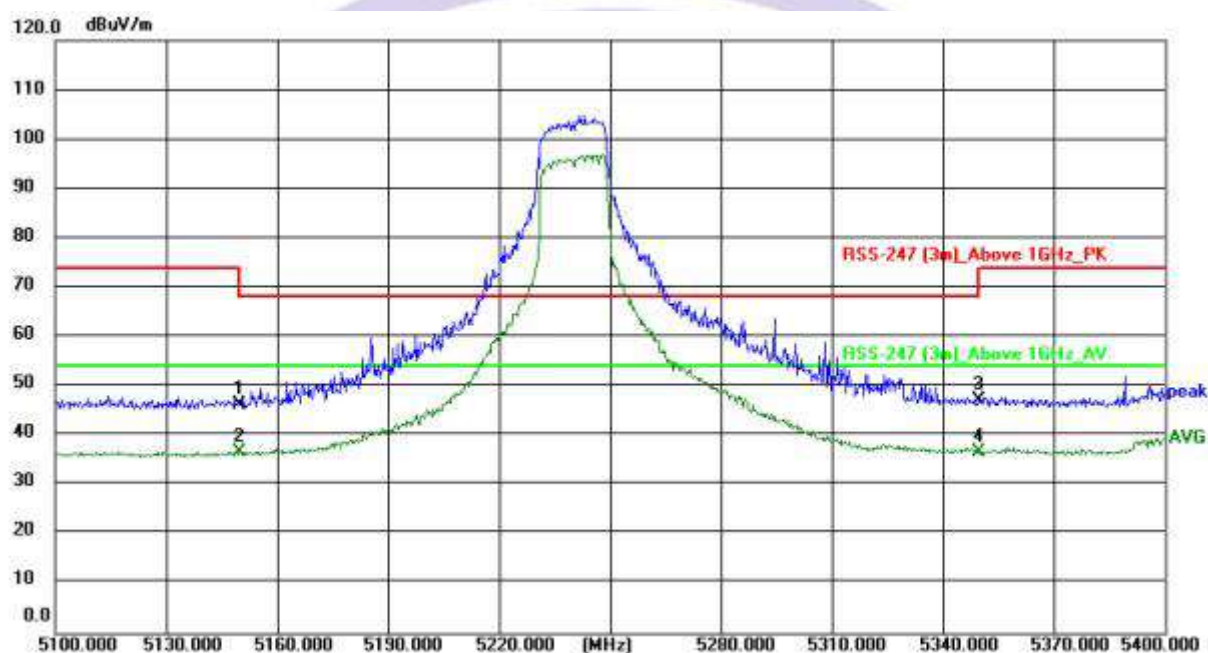
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5137.200	49.93	5.69	55.62	74.00	-18.38	peak
2	5137.200	32.59	5.69	38.28	54.00	-15.72	AVG
3	5150.000	53.37	5.77	59.14	68.20	-9.06	peak
4	5150.000	38.52	5.77	44.29	54.00	-9.71	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5240MHz)



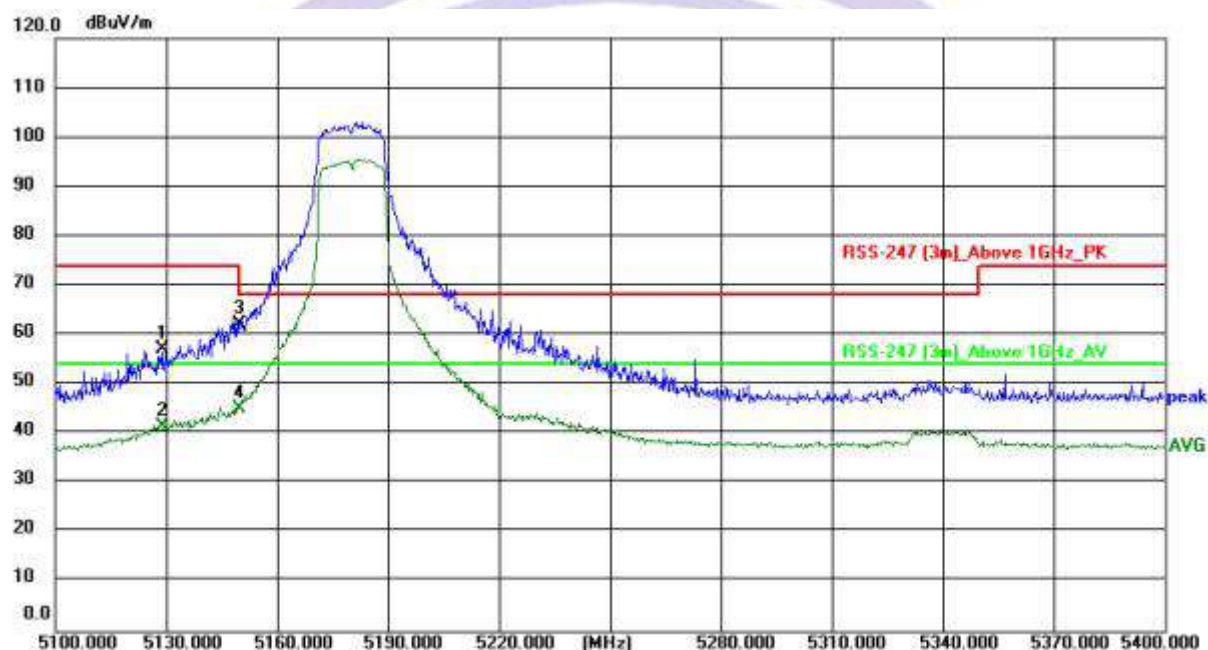
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	47.11	5.77	52.88	68.20	-15.32	peak
2	5150.000	32.53	5.77	38.30	54.00	-15.70	AVG
3	5350.000	41.52	6.28	47.80	68.20	-20.40	peak
4	5350.000	32.68	6.28	38.96	54.00	-15.04	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5240MHz)



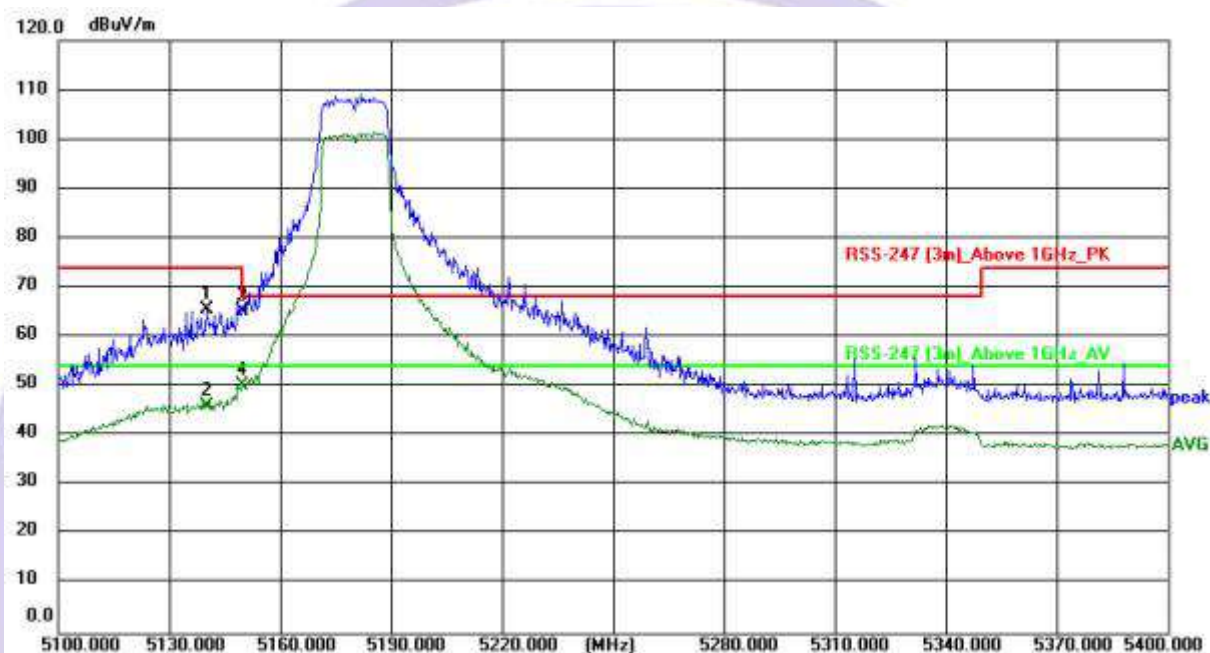
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	40.59	5.77	46.36	68.20	-21.84	peak
2	5150.000	30.86	5.77	36.63	54.00	-17.37	AVG
3	5350.000	41.11	6.28	47.39	68.20	-20.81	peak
4	5350.000	30.52	6.28	36.80	54.00	-17.20	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ac 20 (5180MHz)



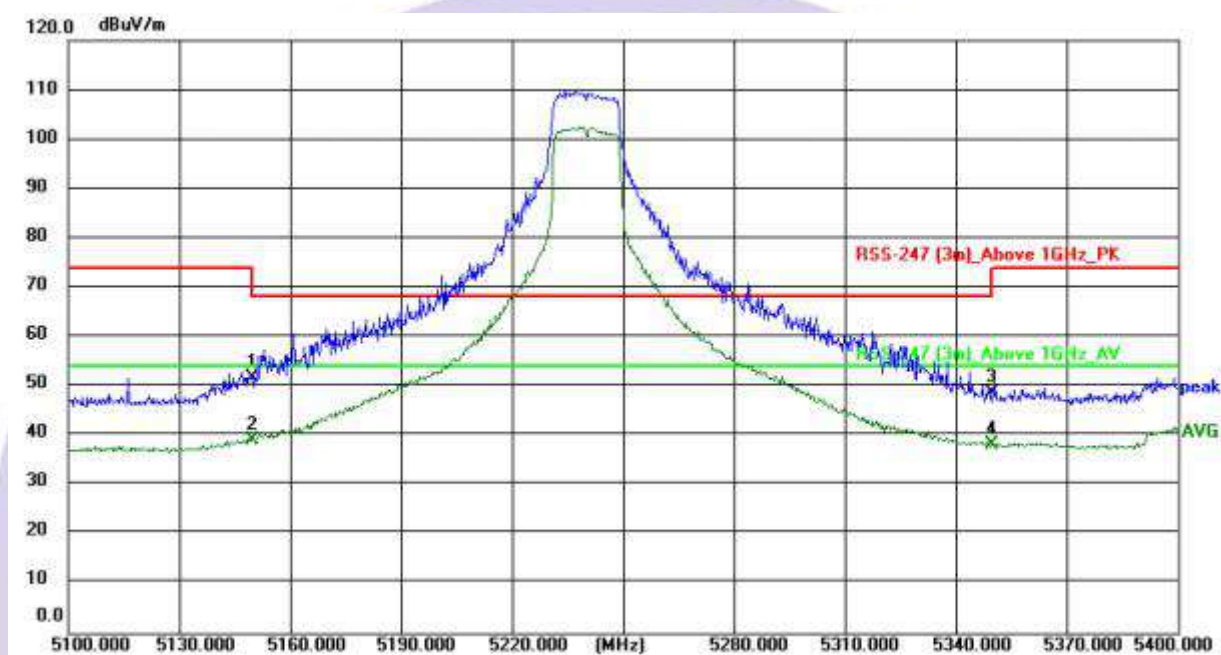
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5128.800	51.46	5.66	57.12	74.00	-16.88	peak
2	5129.100	35.95	5.66	41.61	54.00	-12.39	AVG
3	5150.000	56.48	5.77	62.25	68.20	-5.95	peak
4	5150.000	39.35	5.77	45.12	54.00	-8.88	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ac 20 (5180MHz)



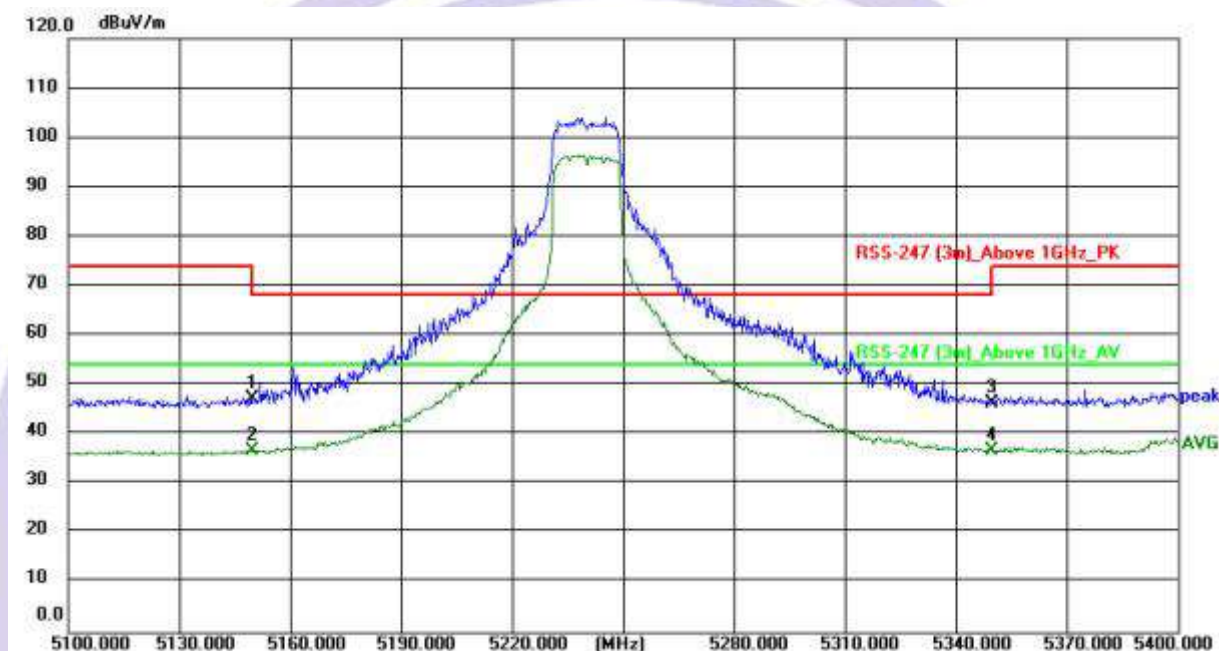
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5140.200	59.91	5.71	65.62	74.00	-8.38	peak
2	5140.200	40.41	5.71	46.12	54.00	-7.88	AVG
3	5150.000	59.40	5.77	65.17	68.20	-3.03	peak
4	5150.000	44.36	5.77	50.13	54.00	-3.87	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ac 20 (5240MHz)



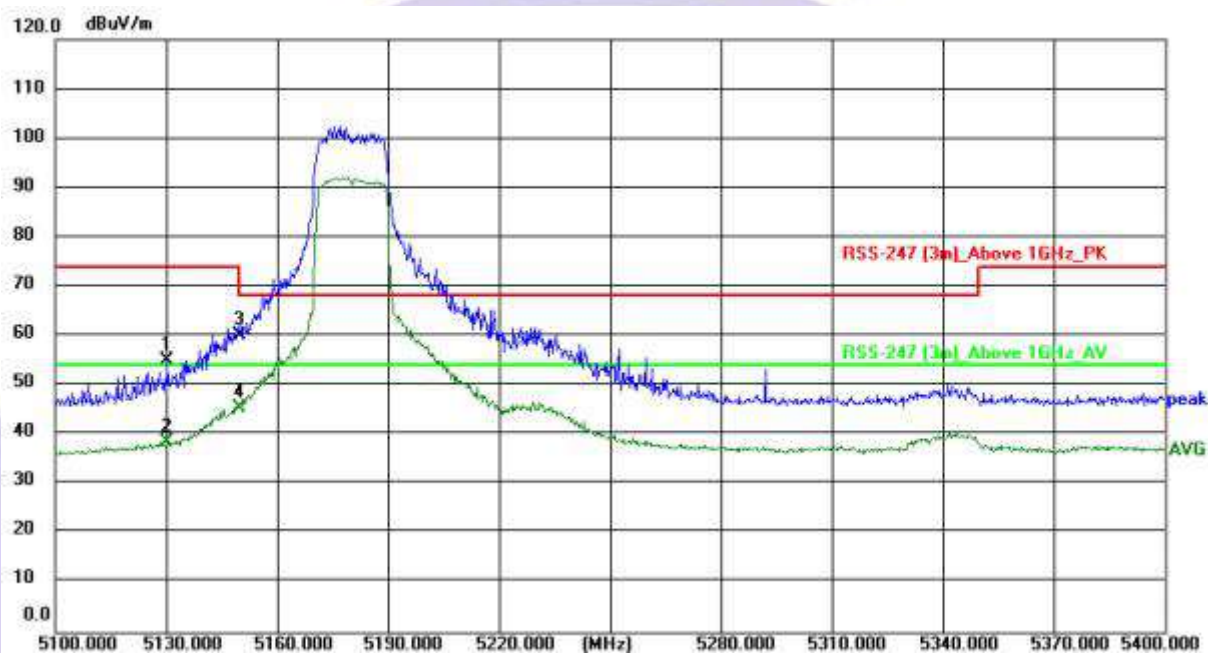
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	46.13	5.77	51.90	68.20	-16.30	peak
2	5150.000	33.53	5.77	39.30	54.00	-14.70	AVG
3	5350.000	42.57	6.28	48.85	68.20	-19.35	peak
4	5350.000	31.97	6.28	38.25	54.00	-15.75	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ac 20 (5240MHz)



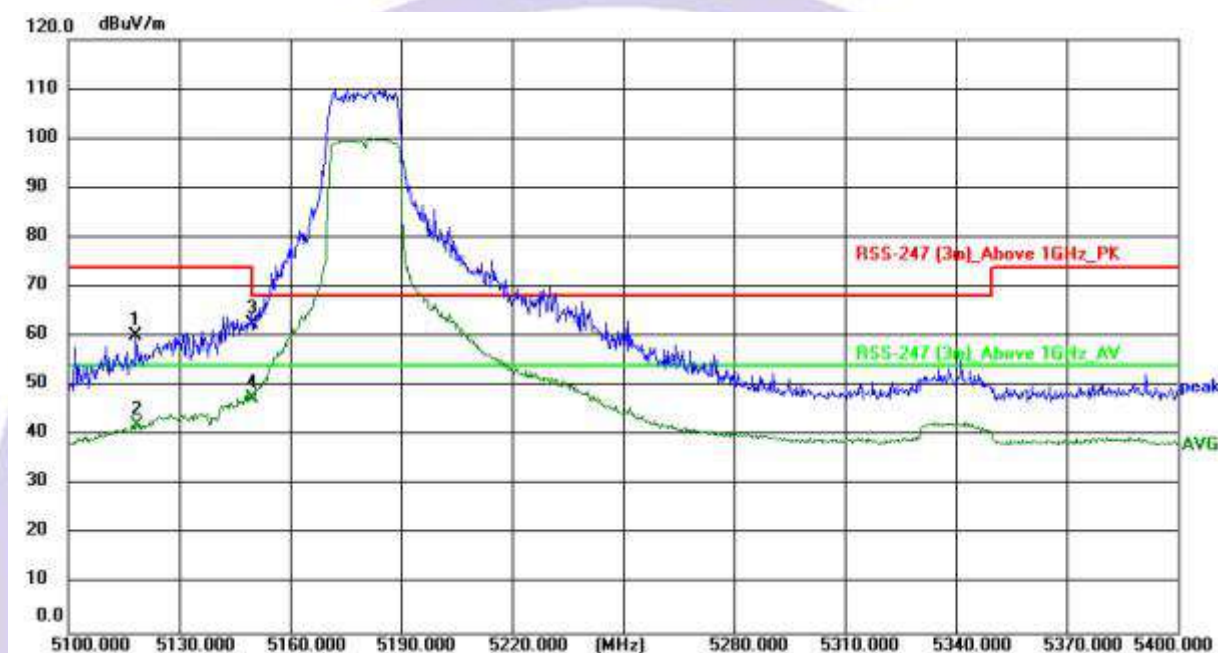
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	41.34	5.77	47.11	68.20	-21.09	peak
2	5150.000	30.87	5.77	36.64	54.00	-17.36	AVG
3	5350.000	39.95	6.28	46.23	68.20	-21.97	peak
4	5350.000	30.58	6.28	36.86	54.00	-17.14	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ax 20 (5180MHz)



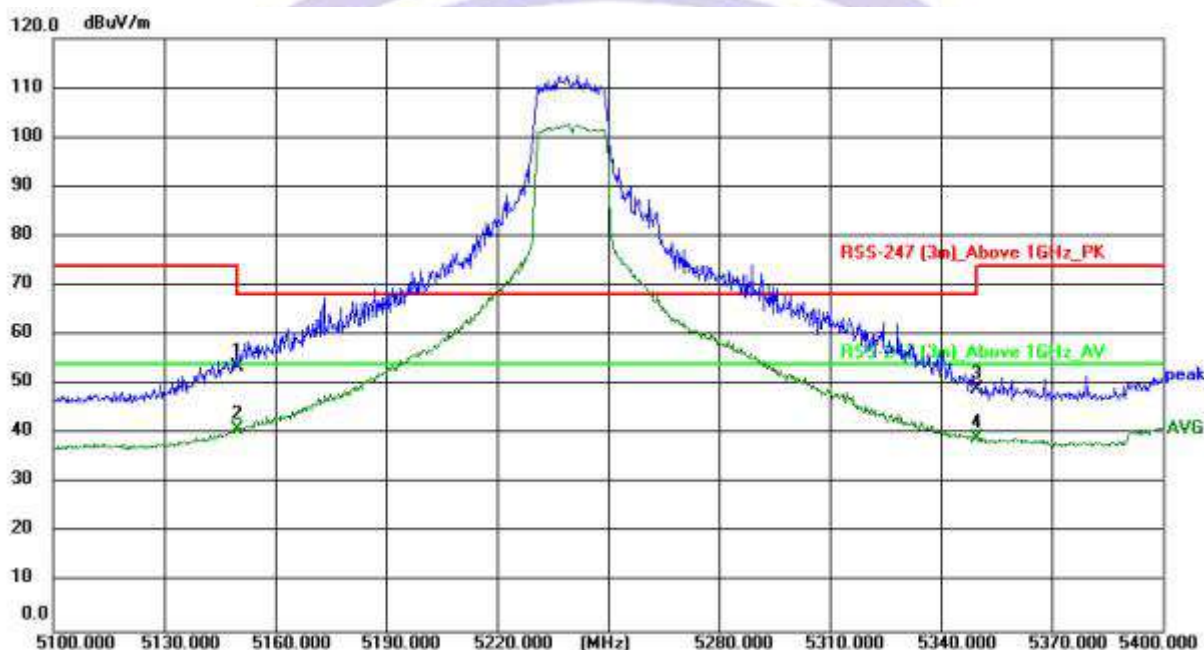
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5130.300	49.53	5.66	55.19	74.00	-18.81	peak
2	5130.300	32.87	5.66	38.53	54.00	-15.47	AVG
3	5150.000	54.44	5.77	60.21	68.20	-7.99	peak
4	5150.000	39.81	5.77	45.58	54.00	-8.42	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ax 20 (5180MHz)



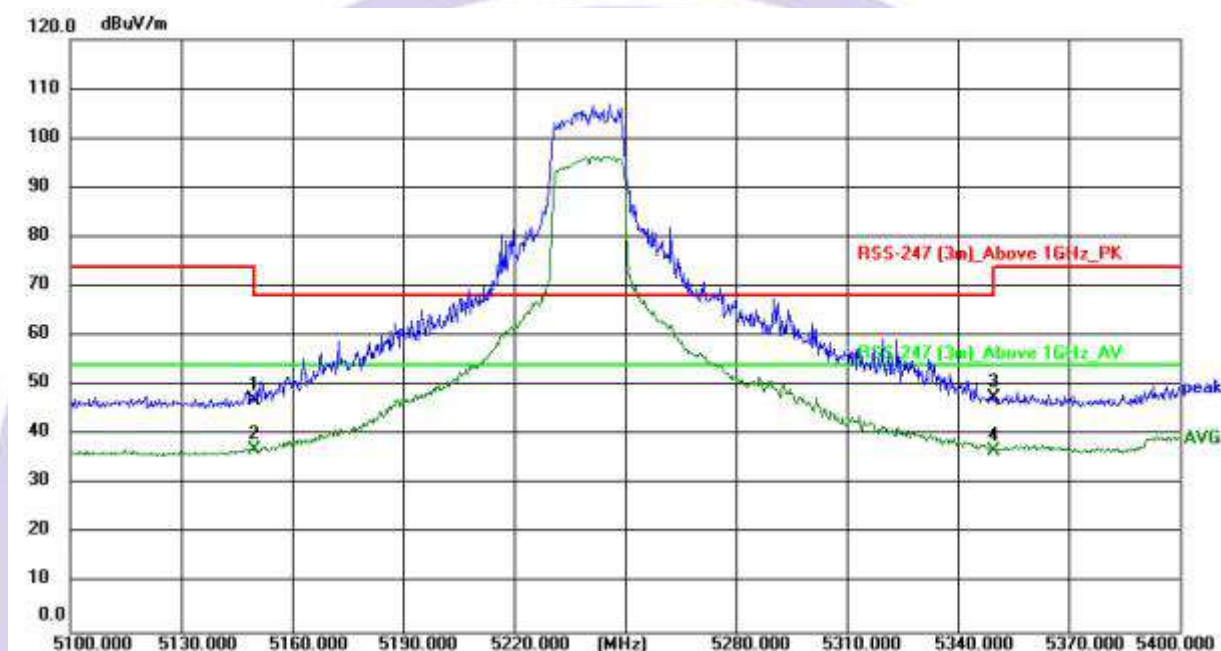
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5118.300	54.45	5.59	60.04	74.00	-13.96	peak
2	5118.600	36.47	5.59	42.06	54.00	-11.94	AVG
3	5150.000	56.88	5.77	62.65	68.20	-5.55	peak
4	5150.000	41.86	5.77	47.63	54.00	-6.37	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ax 20 (5240MHz)



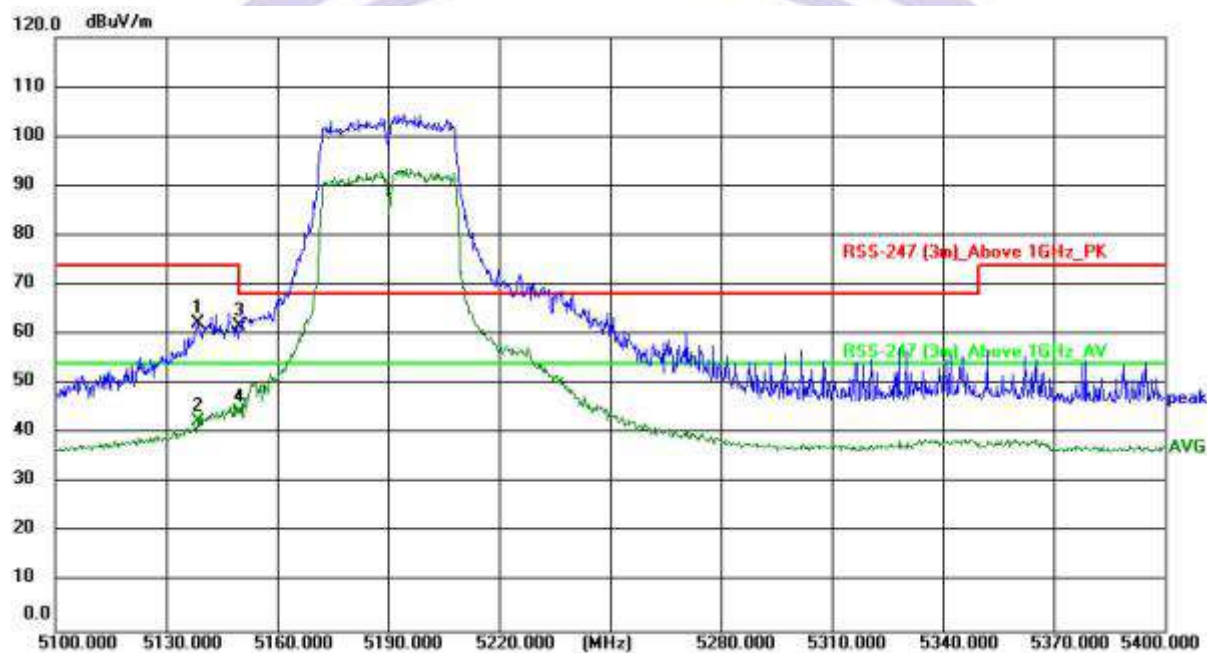
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	47.90	5.77	53.67	68.20	-14.53	peak
2	5150.000	35.18	5.77	40.95	54.00	-13.05	AVG
3	5350.000	42.74	6.28	49.02	68.20	-19.18	peak
4	5350.000	32.89	6.28	39.17	54.00	-14.83	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ax 20 (5240MHz)



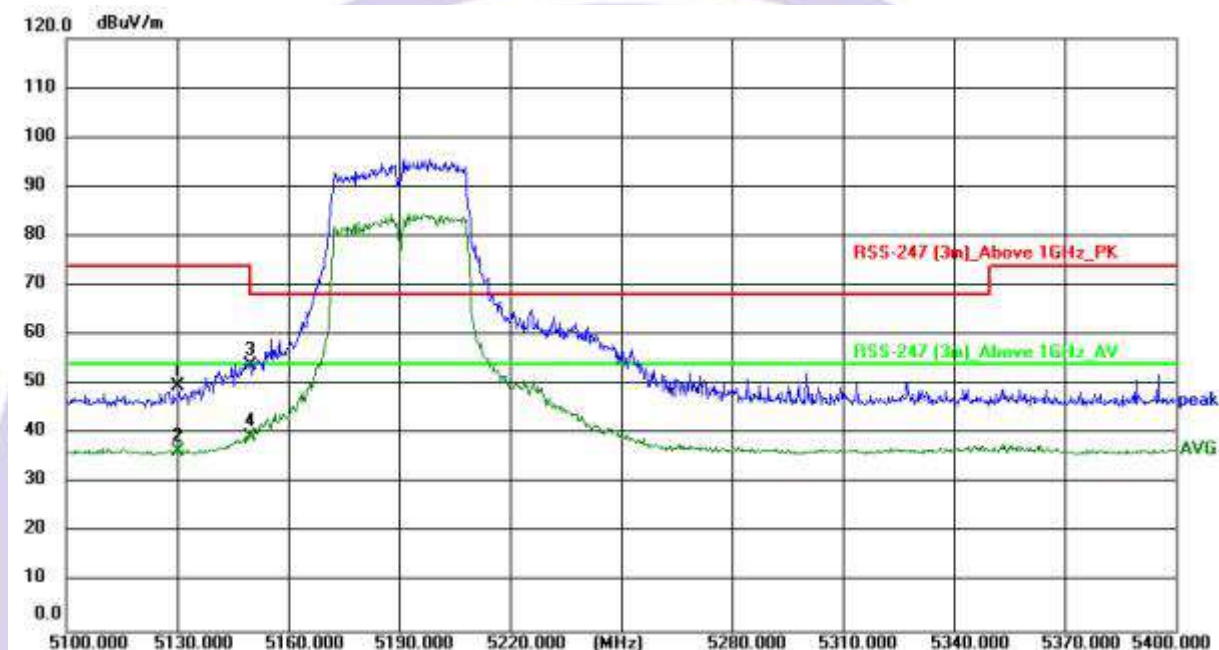
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	41.06	5.77	46.83	68.20	-21.37	peak
2	5150.000	31.27	5.77	37.04	54.00	-16.96	AVG
3	5350.000	41.32	6.28	47.60	68.20	-20.60	peak
4	5350.000	30.49	6.28	36.77	54.00	-17.23	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 n40 (5190MHz)



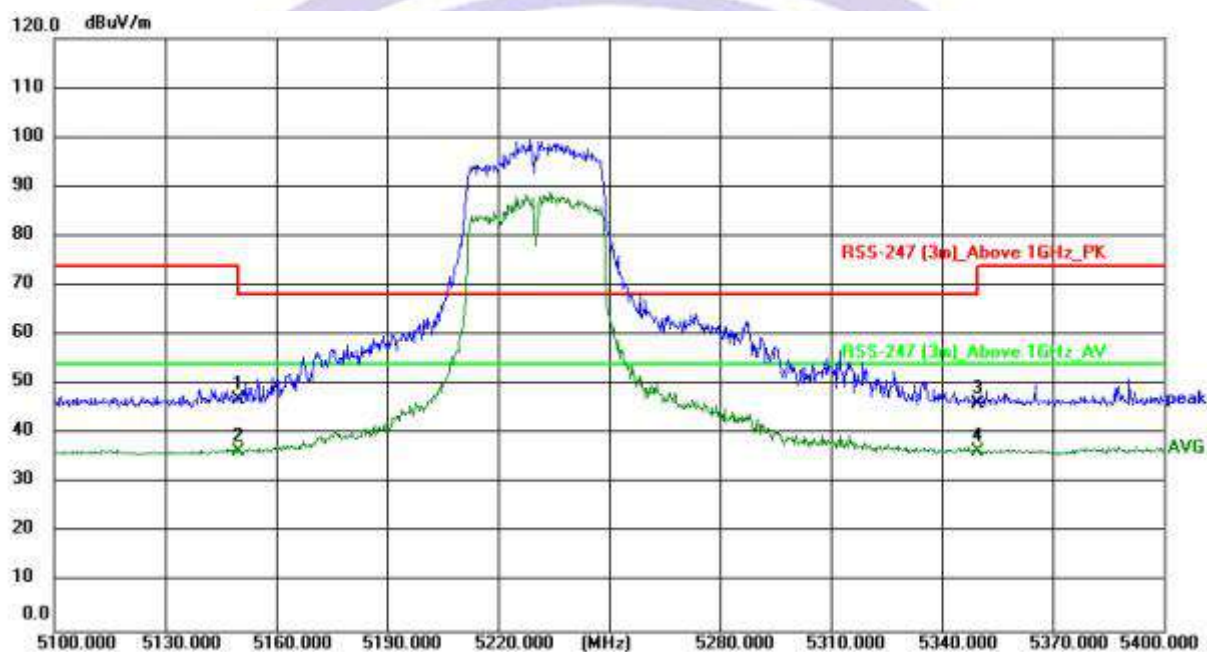
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5138.400	56.64	5.69	62.33	74.00	-11.67	peak
2	5138.400	36.80	5.69	42.49	54.00	-11.51	AVG
3	5150.000	55.97	5.77	61.74	68.20	-6.46	peak
4	5150.000	38.50	5.77	44.27	54.00	-9.73	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11n40 (5190MHz)



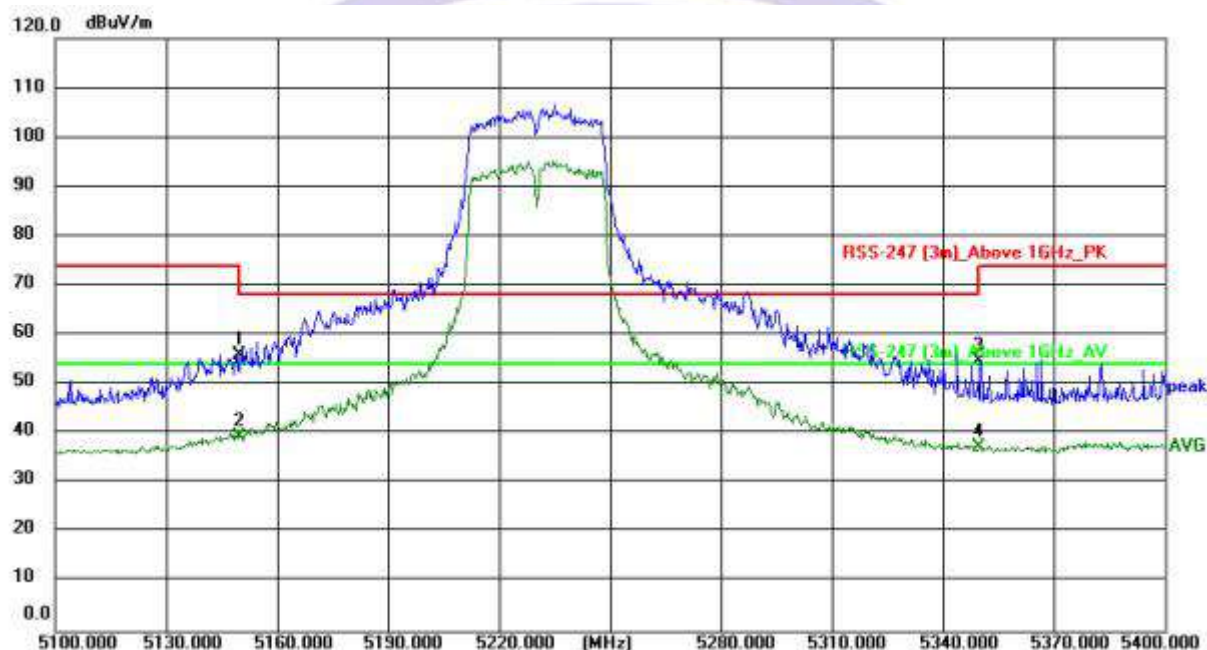
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5130.300	43.96	5.66	49.62	74.00	-24.38	peak
2	5130.300	30.79	5.66	36.45	54.00	-17.55	AVG
3	5150.000	48.01	5.77	53.78	68.20	-14.42	peak
4	5150.000	33.77	5.77	39.54	54.00	-14.46	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11n40 (5230MHz)



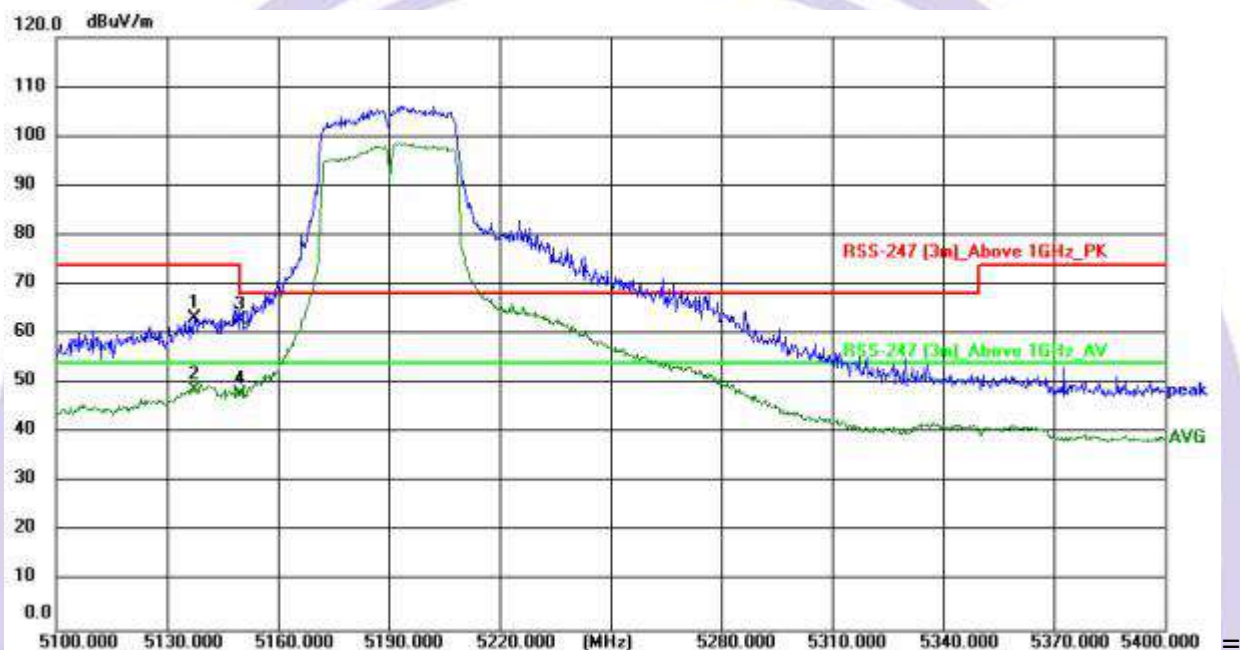
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	41.30	5.77	47.07	68.20	-21.13	peak
2	5150.000	30.65	5.77	36.42	54.00	-17.58	AVG
3	5350.000	39.81	6.28	46.09	68.20	-22.11	peak
4	5350.000	30.22	6.28	36.50	54.00	-17.50	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 n40 (5230MHz)



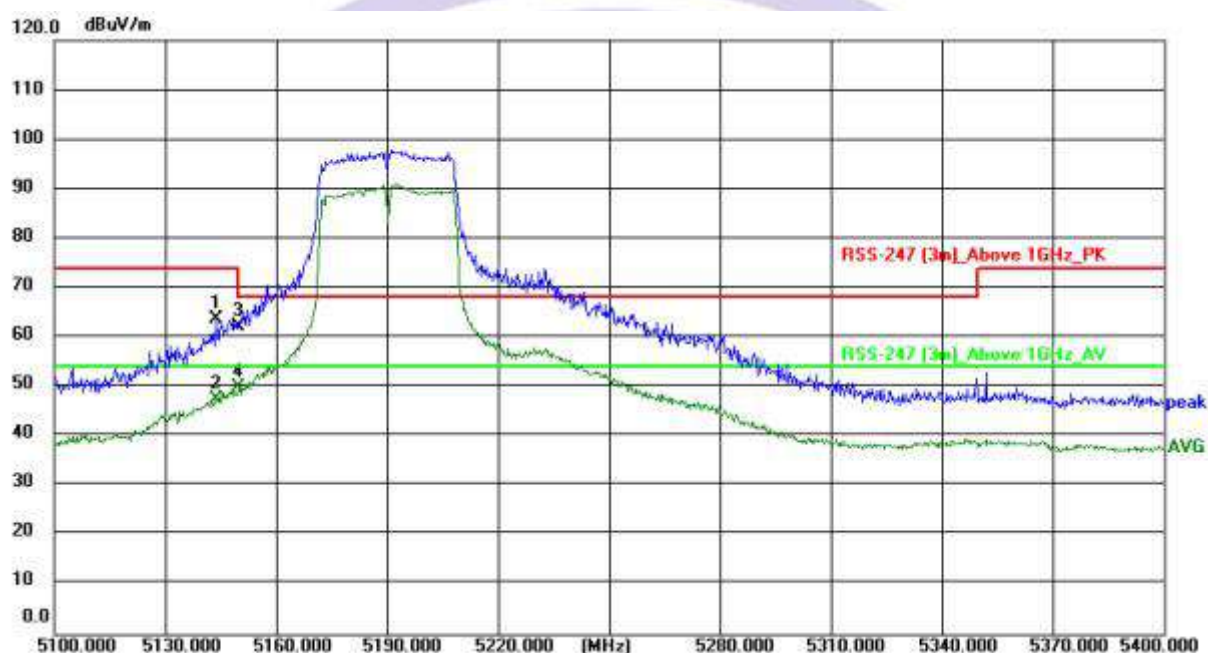
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	50.04	5.77	55.81	68.20	-12.39	peak
2	5150.000	33.72	5.77	39.49	54.00	-14.51	AVG
3	5350.000	48.39	6.28	54.67	68.20	-13.53	peak
4	5350.000	31.07	6.28	37.35	54.00	-16.65	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 ac40 (5190MHz)



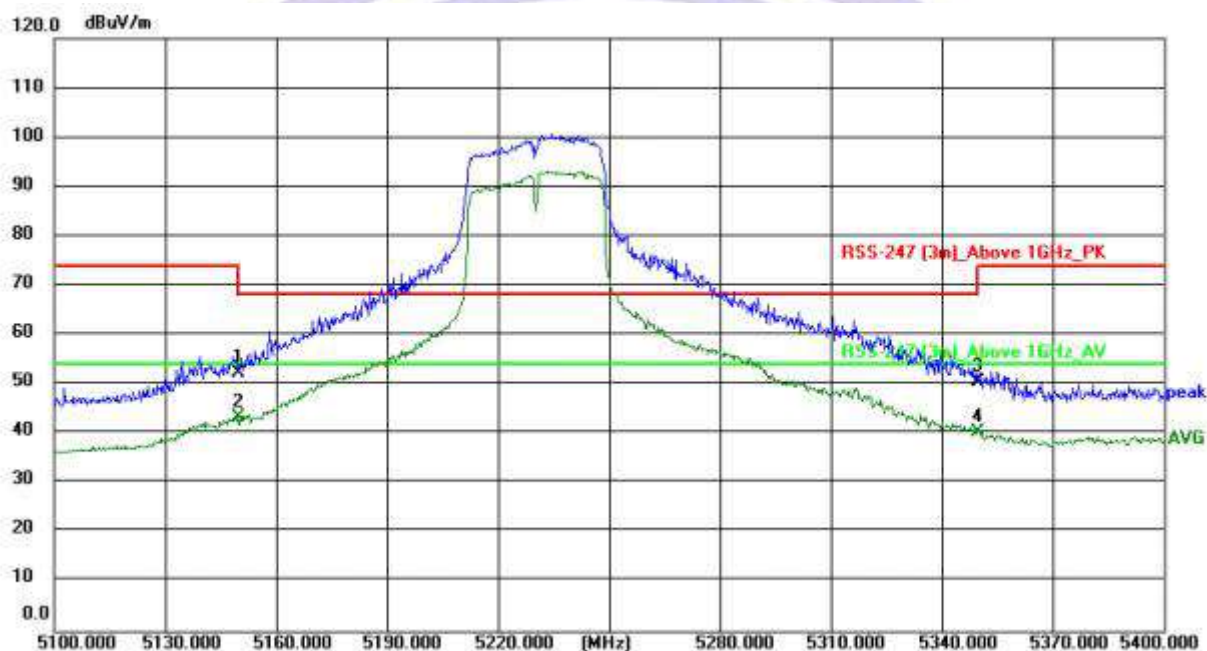
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5137.200	57.33	5.69	63.02	74.00	-10.98	peak
2	5137.200	43.00	5.69	48.69	54.00	-5.31	AVG
3	5150.000	57.08	5.77	62.85	68.20	-5.35	peak
4	5150.000	42.02	5.77	47.79	54.00	-6.21	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ac40 (5190MHz)



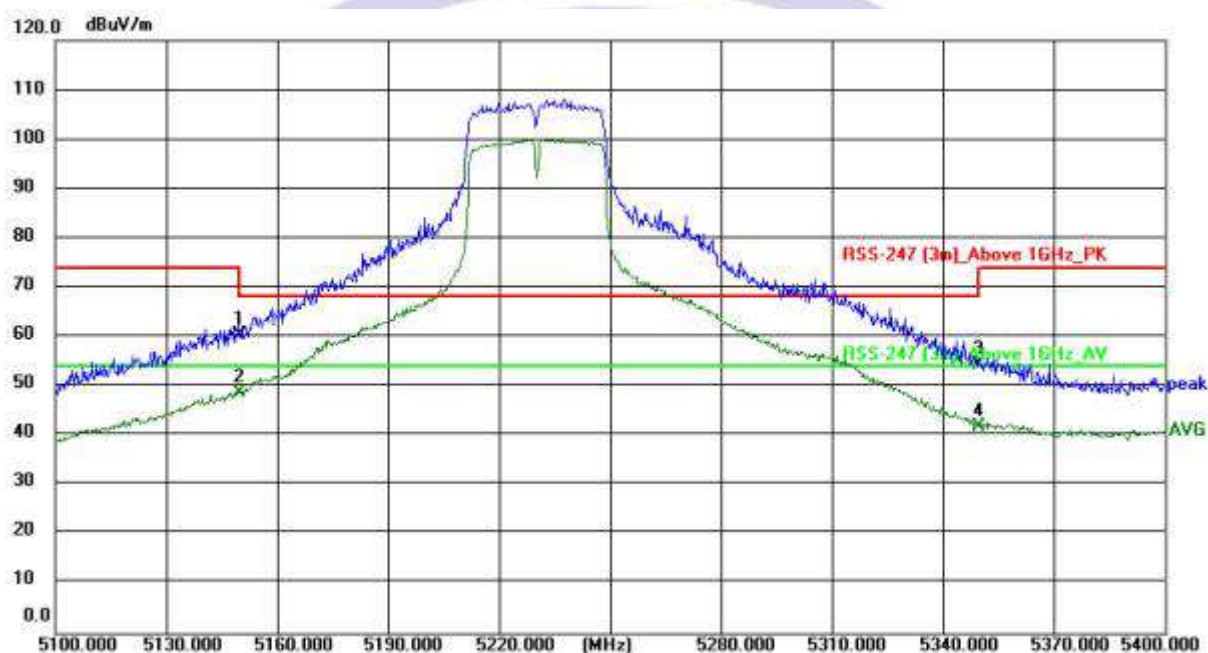
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5143.800	57.99	5.74	63.73	74.00	-10.27	peak
2	5143.800	41.91	5.74	47.65	54.00	-6.35	AVG
3	5150.000	56.59	5.77	62.36	68.20	-5.84	peak
4	5150.000	44.08	5.77	49.85	54.00	-4.15	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ac40 (5230MHz)



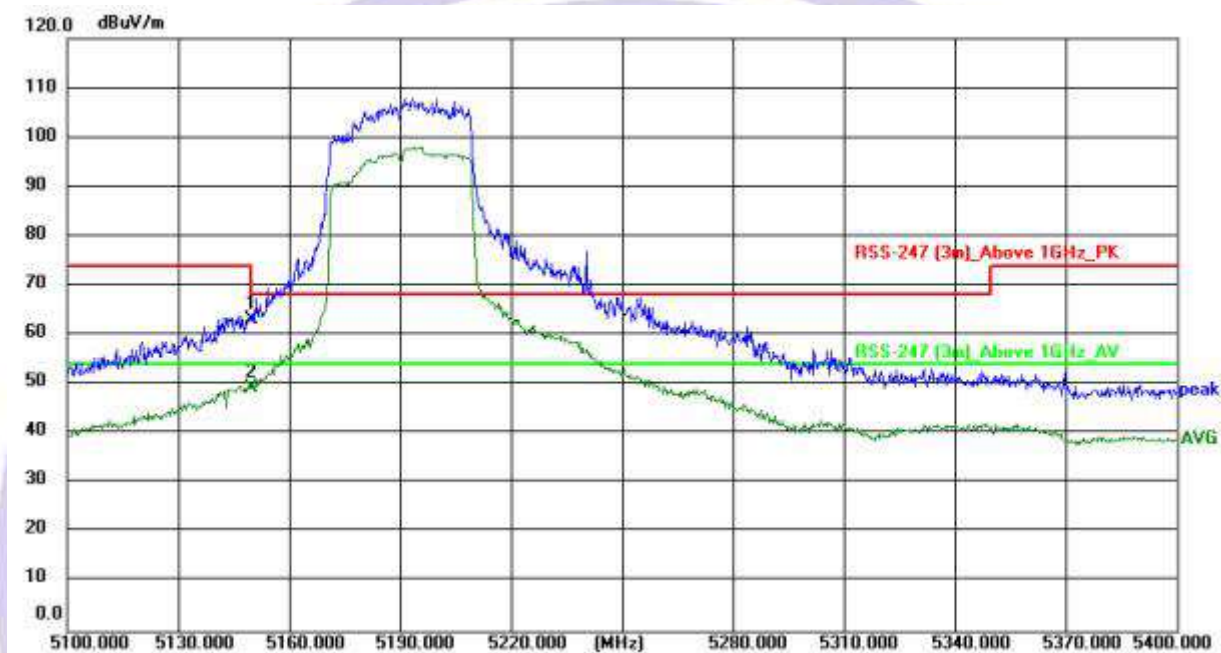
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	46.65	5.77	52.42	68.20	-15.78	peak
2	5150.000	37.52	5.77	43.29	54.00	-10.71	AVG
3	5350.000	44.17	6.28	50.45	68.20	-17.75	peak
4	5350.000	33.99	6.28	40.27	54.00	-13.73	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 ac40 (5230MHz)



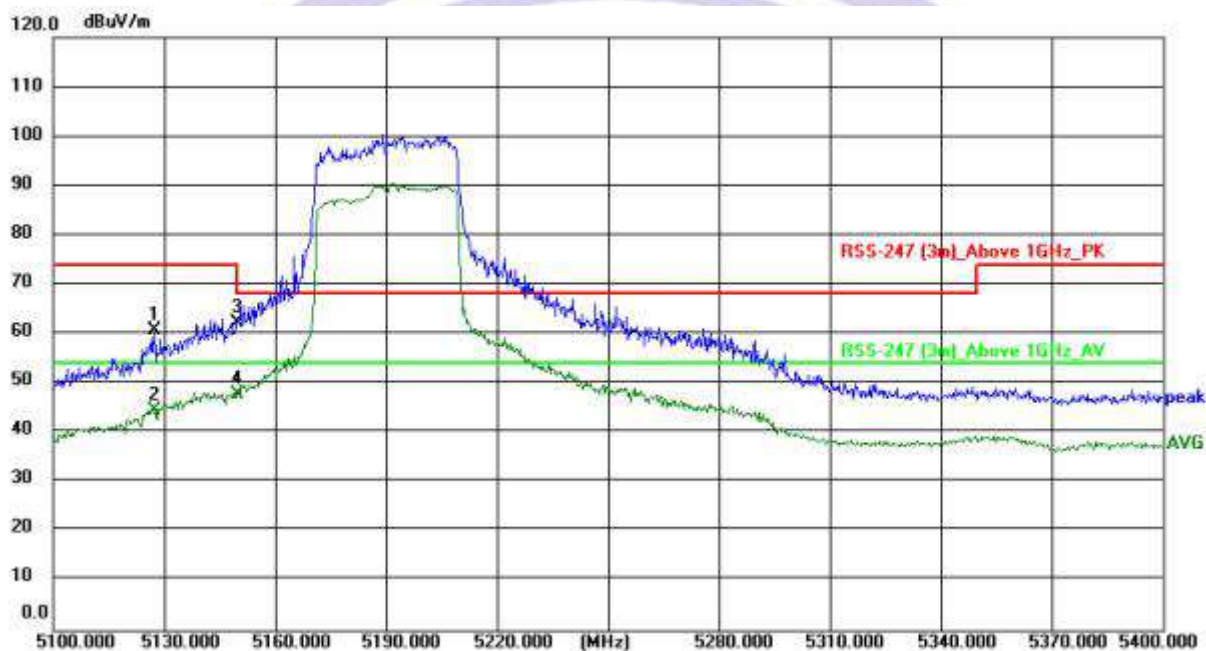
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	54.63	5.77	60.40	68.20	-7.80	peak
2	5150.000	43.00	5.77	48.77	54.00	-5.23	AVG
3	5350.000	48.28	6.28	54.56	68.20	-13.64	peak
4	5350.000	35.67	6.28	41.95	54.00	-12.05	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 ax40 (5190MHz)



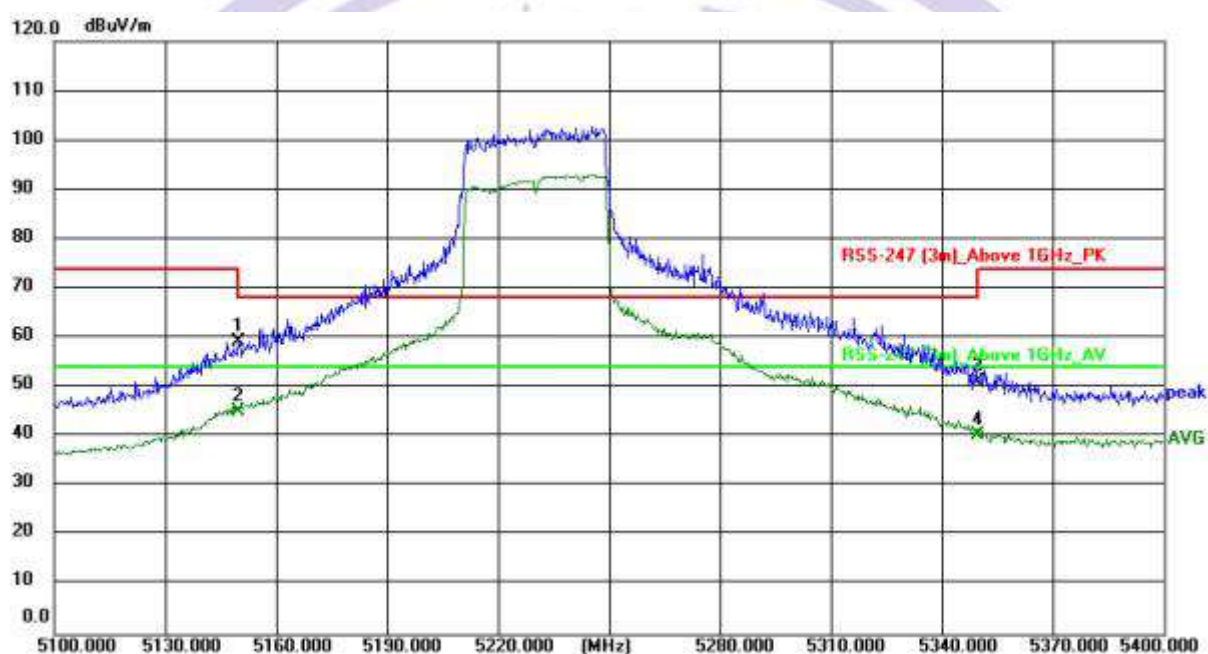
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	57.52	5.77	63.29	68.20	-4.91	peak
2	5150.000	43.58	5.77	49.35	54.00	-4.65	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11ax40 (5190MHz)



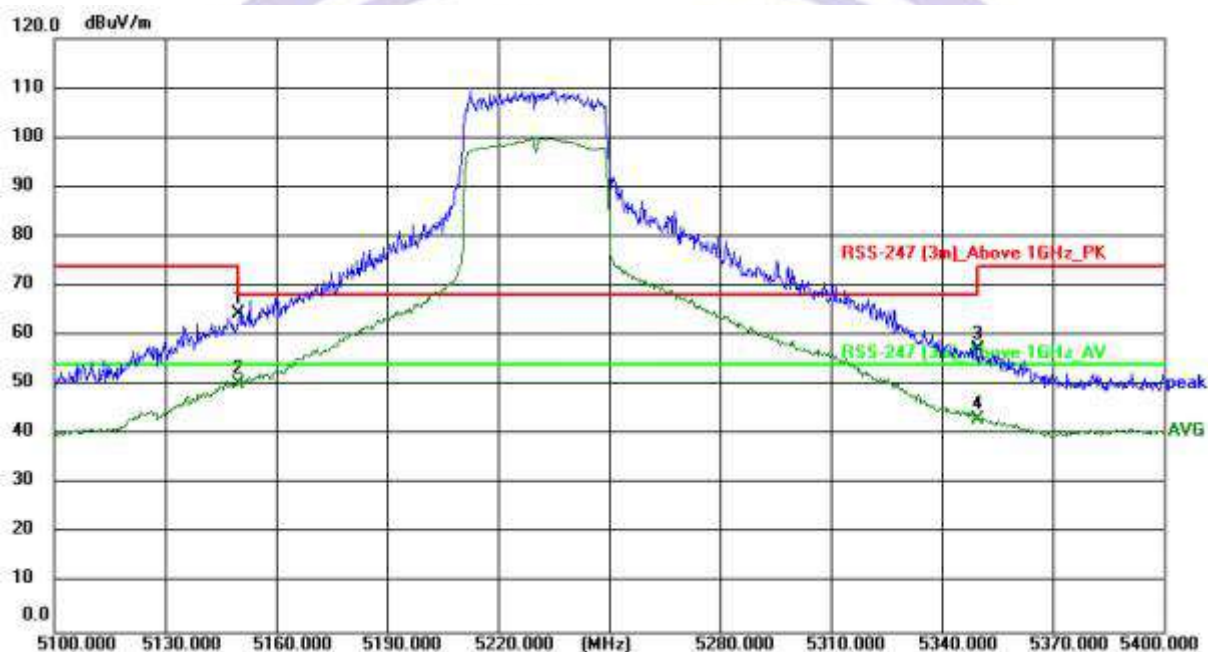
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5127.300	55.25	5.64	60.89	74.00	-13.11	peak
2	5127.300	38.91	5.64	44.55	54.00	-9.45	AVG
3	5150.000	56.48	5.77	62.25	68.20	-5.95	peak
4	5150.000	42.08	5.77	47.85	54.00	-6.15	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11ax40 (5230MHz)



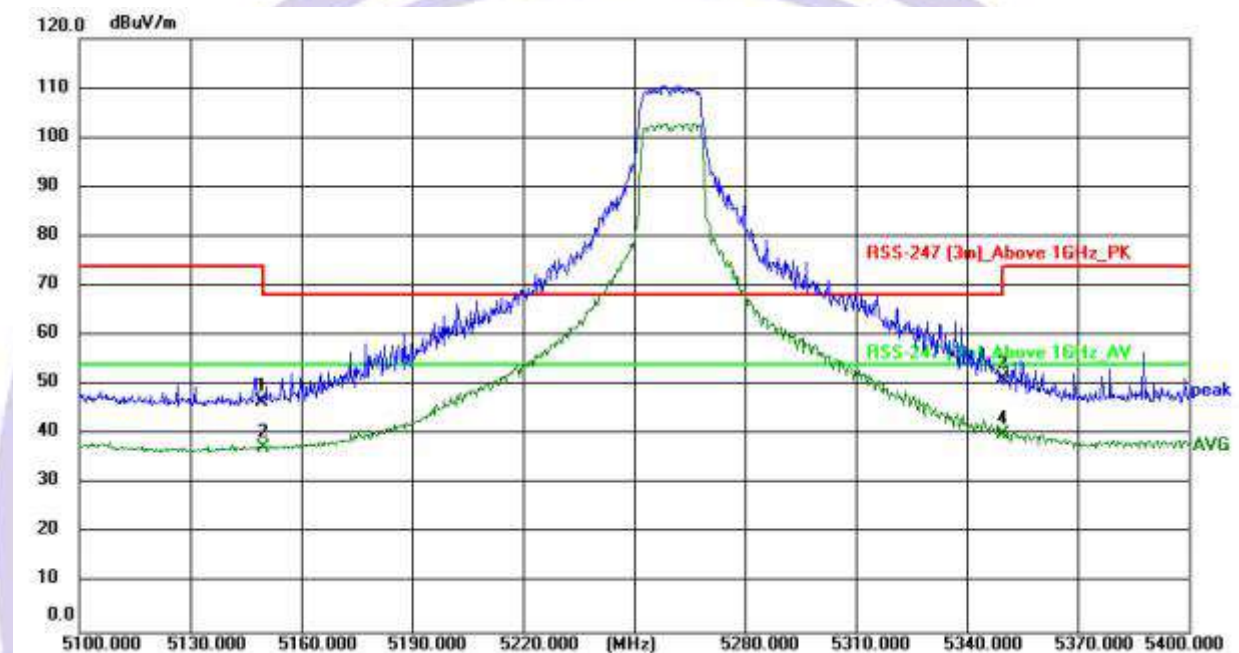
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	53.62	5.77	59.39	68.20	-8.81	peak
2	5150.000	39.49	5.77	45.26	54.00	-8.74	AVG
3	5350.000	44.74	6.28	51.02	68.20	-17.18	peak
4	5350.000	34.18	6.28	40.46	54.00	-13.54	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 ax (5230MHz)



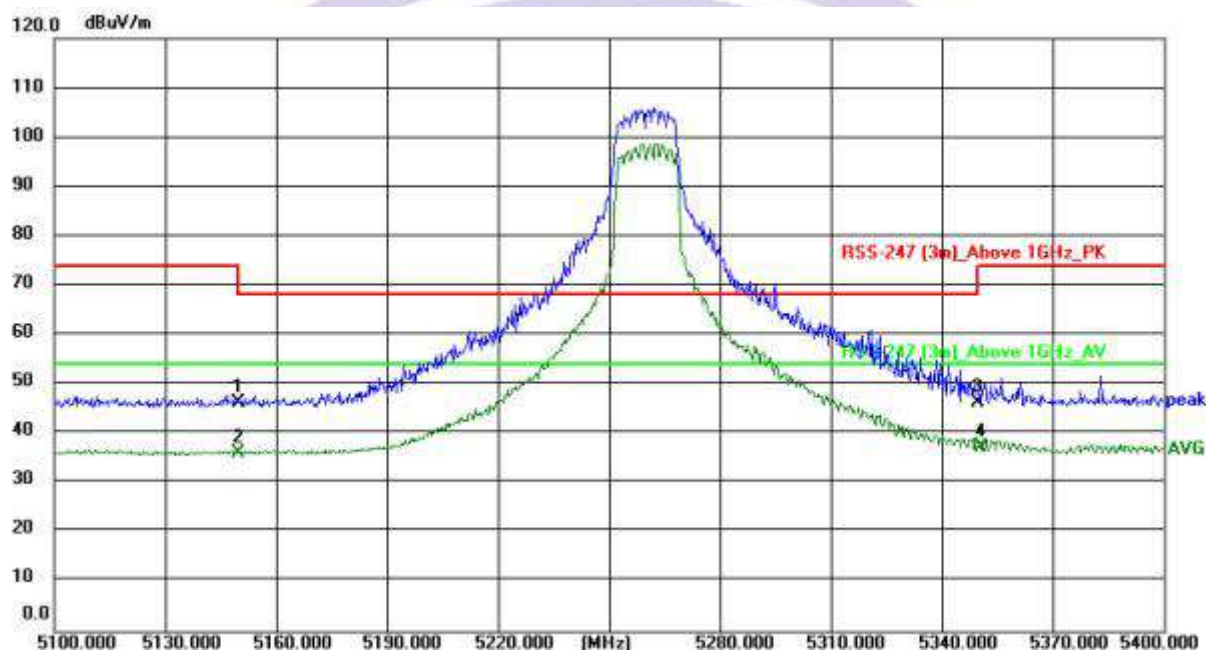
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	58.53	5.77	64.30	68.20	-3.90	peak
2	5150.000	44.52	5.77	50.29	54.00	-3.71	AVG
3	5350.000	50.80	6.28	57.08	68.20	-11.12	peak
4	5350.000	36.63	6.28	42.91	54.00	-11.09	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 a(5260MHz)



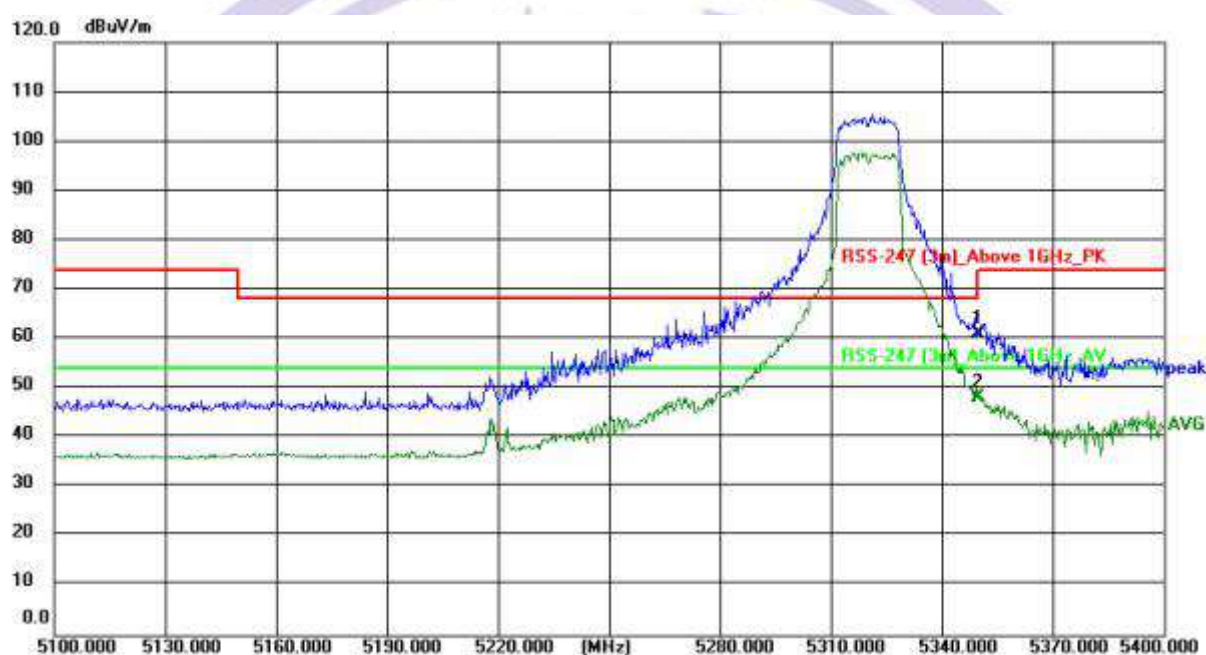
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5149.200	40.94	5.76	46.70	74.00	-27.30	peak
2	5150.000	31.68	5.77	37.45	54.00	-16.55	AVG
3	5350.000	44.92	6.28	51.20	68.20	-17.00	peak
4	5350.000	33.67	6.28	39.95	54.00	-14.05	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5260MHz)



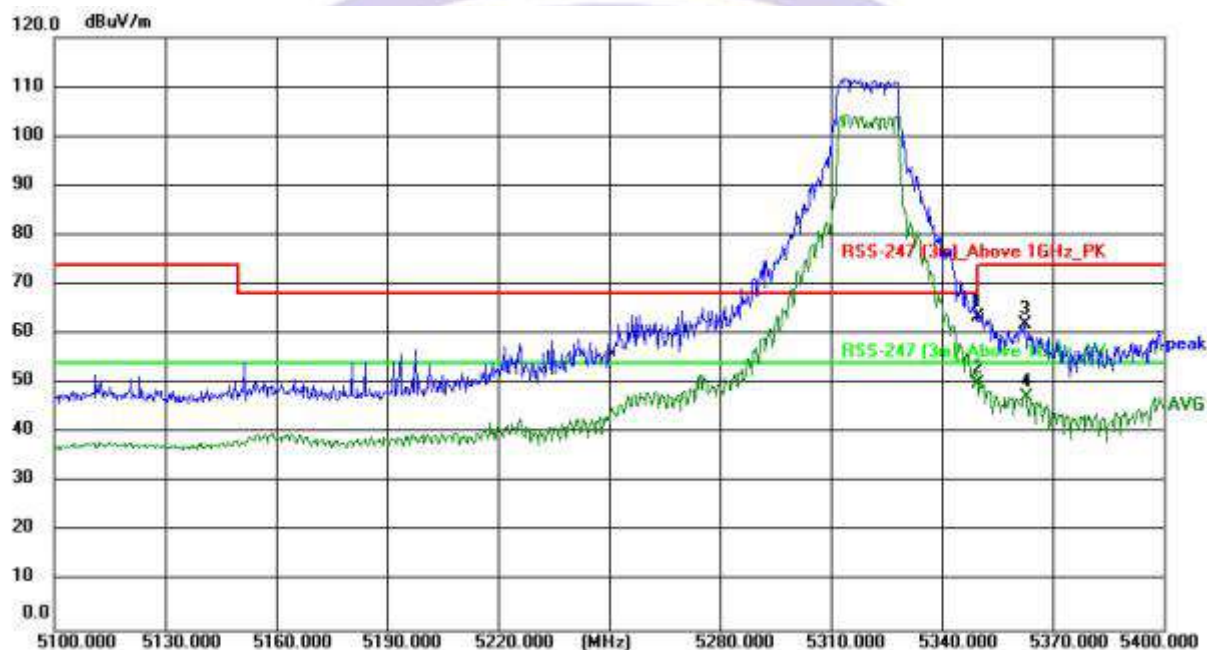
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	40.45	5.77	46.22	68.20	-21.98	peak
2	5150.000	30.52	5.77	36.29	54.00	-17.71	AVG
3	5350.000	40.19	6.28	46.47	68.20	-21.73	peak
4	5350.000	30.94	6.28	37.22	54.00	-16.78	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5320MHz)



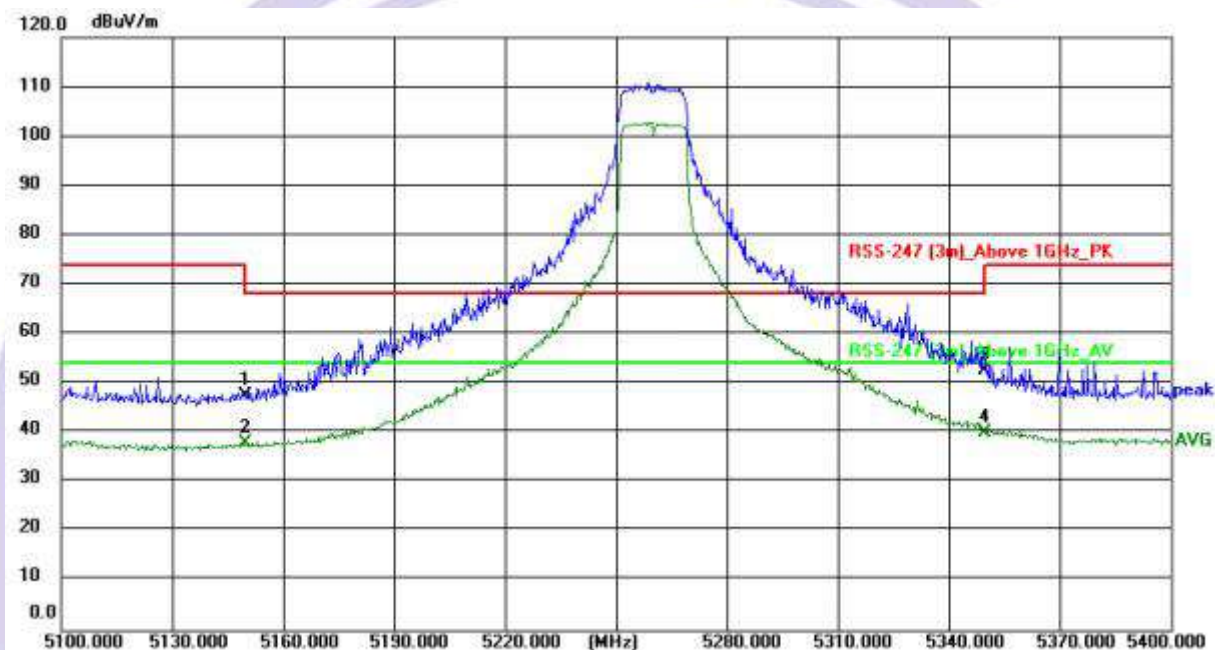
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	54.71	6.28	60.99	68.20	-7.21	peak
2	5350.000	41.91	6.28	48.19	54.00	-5.81	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11 a (5320MHz)



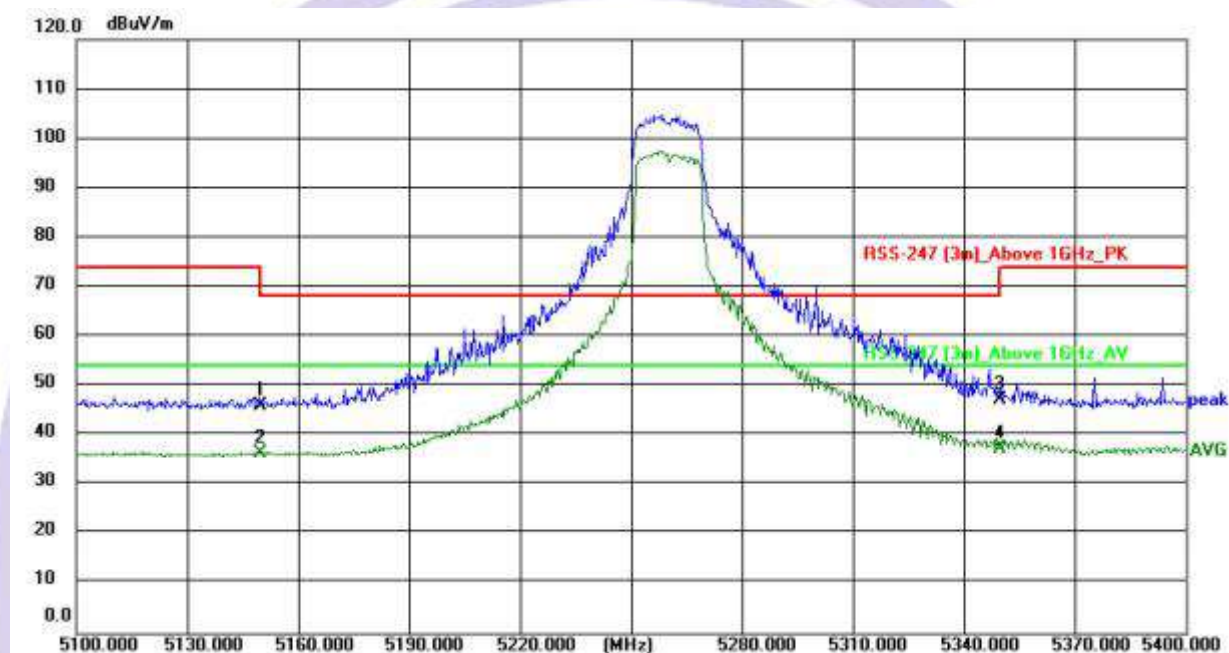
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	57.04	6.28	63.32	68.20	-4.88	peak
2	5350.000	43.60	6.28	49.88	54.00	-4.12	AVG
3	5362.500	55.59	6.27	61.86	74.00	-12.14	peak
4	5362.800	40.95	6.27	47.22	54.00	-6.78	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5260MHz)



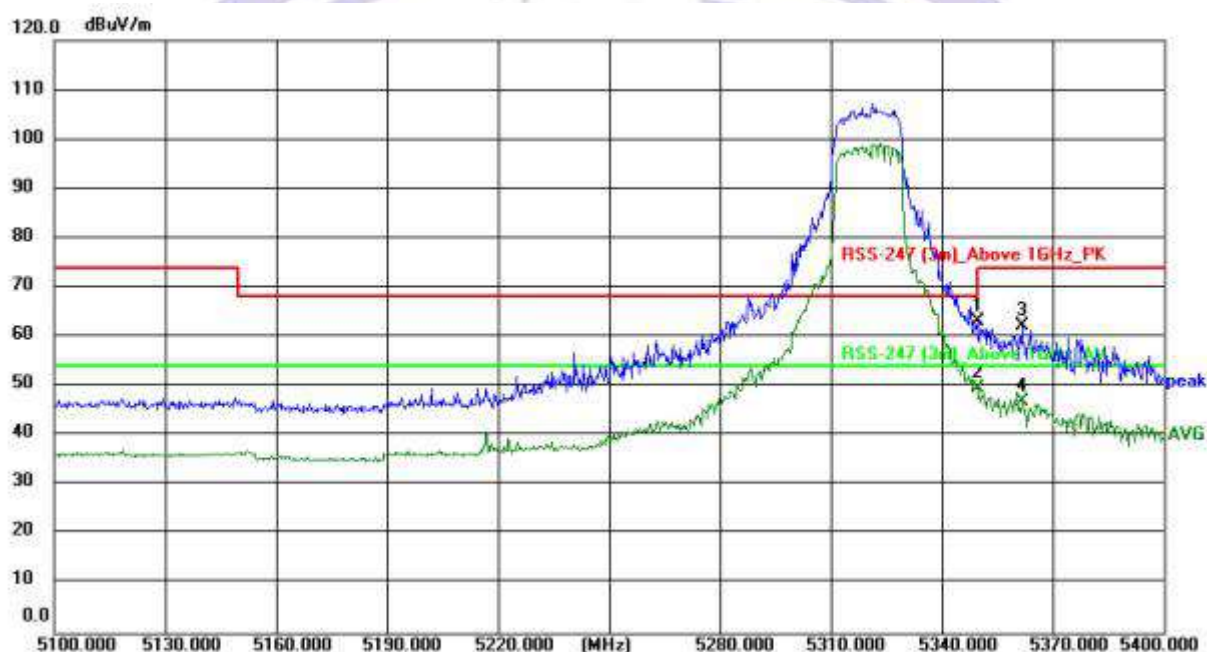
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	41.67	5.77	47.44	68.20	-20.76	peak
2	5150.000	32.13	5.77	37.90	54.00	-16.10	AVG
3	5350.000	46.49	6.28	52.77	68.20	-15.43	peak
4	5350.000	33.65	6.28	39.93	54.00	-14.07	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5260MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	40.40	5.77	46.17	68.20	-22.03	peak
2	5150.000	30.70	5.77	36.47	54.00	-17.53	AVG
3	5350.000	40.87	6.28	47.15	68.20	-21.05	peak
4	5350.000	31.20	6.28	37.48	54.00	-16.52	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Mode	802.11n20 (5320MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	56.82	6.28	63.10	68.20	-5.10	peak
2	5350.000	43.46	6.28	49.74	54.00	-4.26	AVG
3	5361.600	56.11	6.28	62.39	74.00	-11.61	peak
4	5361.900	40.81	6.28	47.09	54.00	-6.91	AVG