



Report No.: SUCR251000101102

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TEST REPORT

Application No.: SUCR2510001011MO
Applicant: Digi International Inc
Address of Applicant: 9350 Excelsior Blvd. Suite 700 Hopkins, MN 55343 United States
Manufacturer: Digi International Inc
Address of Manufacturer: 9350 Excelsior Blvd. Suite 700 Hopkins, MN 55343 United States
Equipment Under Test (EUT):
EUT Name: WIFI 7 Module
Model No.: DI-W732
Trade Mark: DIGI
FCC ID: MCQ-DIW732
Standard(s) : 47 CFR Part 15, Subpart C 15.247
Date of Receipt: 2025-10-21
Date of Test: 2025-12-01 to 2026-01-05
Date of Issue: 2026-01-05

Test Result:

Pass*

* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-01-05	/

Authorized for issue by:				
Tested By		Nature Shen		
		Nature Shen/Project Engineer		
Approved By		Cedar cheng		
		Cedar Cheng /Reviewer		



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass
Radiated Spurious Emissions Below 1GHz		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass
Radiated Spurious Emissions Above 1GHz		ANSI C63.10 (2020) Section 6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass
Conducted Peak Output Power		ANSI C63.10 (2020) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass
Minimum 6dB Bandwidth		ANSI C63.10 (2020) Section 11.8.1	47 CFR Part 15, Subpart C 15.247a(2)	Pass
Power Spectrum Density		ANSI C63.10 (2020) Section 11.10.2	47 CFR Part 15, Subpart C 15.247(e)	Pass
Conducted Band Edges Measurement		ANSI C63.10 (2020) Section 6.10.4	47 CFR Part 15, Subpart C 15.247(d)	Pass
Conducted Spurious Emissions		ANSI C63.10 (2020) Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass



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4 General Information

4.1 Details of E.U.T.

Power supply:	3.3V
Operation Frequency:	802.11b/g/n(HT20)/ax(HEW20)/be(EHT20): 2412MHz to 2462MHz; 802.11n(HT40)/ax(HEW40)/be(EHT40): 2422MHz to 2452MHz
Modulation Type:	802.11b: DSSS (DBPSK, DQPSK, CCK); 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM); 802.11be: OFDMA with enhancements (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM, 4096-QAM)
Number of Channels:	802.11b/g/n(HT20)/ax(HEW20)/be(EHT20):11; 802.11n(HT40)/ax(HEW40)/be(EHT40):7
Channel Spacing:	5MHz
Antenna Type:	External Antenna
Antenna Gain:	Antenna 1: 1.6 dBi and Antenna 2: 1.7 dBi
Antenna Number:	2

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	25	3.3
Note:		
NV:Normal Voltage	LV:Low Extreme Test Voltage	HV:High Extreme Test Voltage
NT:Normal Temperature	LT:Low Extreme Test Temperature	HT:High Extreme Test Temperature

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Mouse	Lenovo	3D optical Mouse	N/A
Router	Smavwave Technology Co.,Ltd	SRT 421	RT421X02211300001

4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	Conduction emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
5	RF conducted power	$\pm 0.75\text{dB}$
6	RF power density	$\pm 2.84\text{dB}$
7	Conducted Spurious emissions	$\pm 0.75\text{dB}$
8	RF Radiated power	$\pm 3.3\text{dB}$ (9KHz-30MHz)
		$\pm 2.6\text{dB}$ (30MHz-1GHz)
		$\pm 2.7\text{dB}$ (1GHz-18GHz)
		$\pm 4.8\text{dB}$ (Above 18GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Supply voltages	$\pm 1\%$
12	Time	$\pm 3\%$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu)
Pilot Free Trade Zone

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

3. Sample source: sent by customer.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 6336.01)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

- **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026
2	LISN	R&S	ENV216	SUWI-01-19-03	5/8/2025	5/7/2026
3	LISN	Schwarzbeck	ENV216	SUWI-01-19-04	5/8/2025	5/7/2026
4	Test Software	Tonscend	JS32-CE_4.0.0.2	SUWI-02-09-05	NCR	NCR
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/20/2025	1/19/2026
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	11/21/2025	11/20/2026
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	1/15/2025	1/14/2026
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	3/27/2025	3/26/2026
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-8-01	1/16/2025	1/15/2026
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	11/21/2025	11/20/2026
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	5/8/2025	5/7/2026
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	11/21/2025	11/20/2026
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/21/2025	11/20/2026
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	11/21/2025	11/20/2026
11	Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	11/21/2025	11/20/2026
12	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/15/2025	1/14/2026
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/13/2025	2/12/2026
14	Temperature Chamber	GIANT FORCE	ICT-017-40-SP-SD	SUWI-01-13-02	5/7/2025	5/6/2026
15	Measurement Software	TST	TST 272 V2.02	SUWI-03-55-03	NCR	NCR
16	RF Control unit	TST	TSCB3023R2	SUWI-02-20-01	NCR	NCR
17	RFCables	Tonscend	NA	SUWI-01-03-01	1/16/2025	1/15/2026
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/2/2026
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/20/2025	1/19/2026
3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-09	11/21/2025	11/20/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/16/2025	1/15/2026
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	9/10/2025	9/9/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027



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		ELEKTRONIK				
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/16/2025	1/15/2026
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/16/2025	1/15/2026
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/20/2025	1/19/2026
13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	11/21/2025	11/20/2026
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/21/2025	11/20/2026
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/16/2025	1/15/2026
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/15/2025	1/14/2026
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026
20	Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
21	RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR
22	RFCables	Tonscend	NA	SUWI-01-03-02	1/16/2025	1/15/2026

Remark: NCR=No Calibration Requirement.

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The module uses a dedicated RF connector not intended for user replacement, meeting §15.203.

The best case gain of the antenna is Antenna 1: 1.6 dBi and Antenna 2: 1.7 dBi.

**Cyclic Delay Diversity (CDD) System:**

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

- For power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.

The EUT supports CDD System.

All antennas have the same gain:

ANT Gain1 (dBi)	ANT Gain2 (dBi)	Power DG (dBi)	PSD DG (dBi)	Power Limit Reduction(dB)	PSD Limit Reduction(dB)
1.6	1.7	1.7	4.66	0	0



7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		
Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz		

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

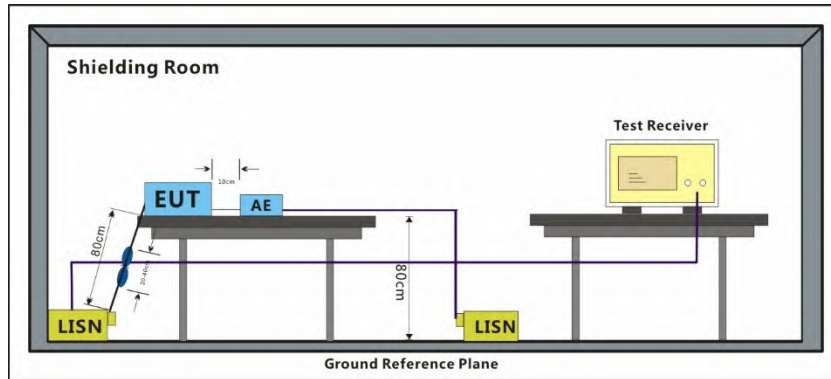
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(2.4G WIFI)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested. Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram

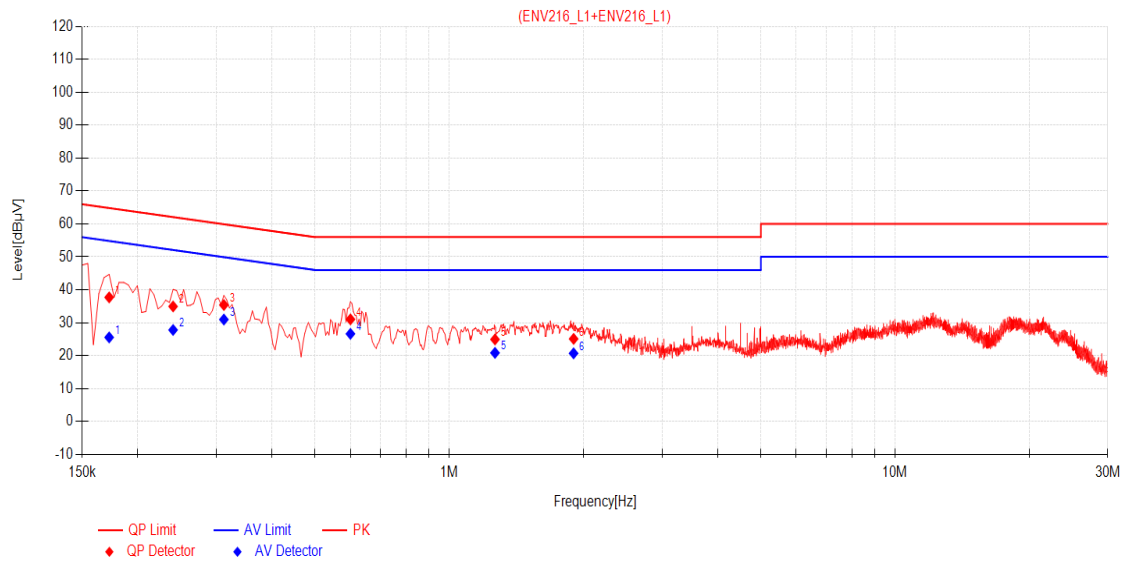


7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark : Level=Read Level+ Cable Loss+ LISN Factor

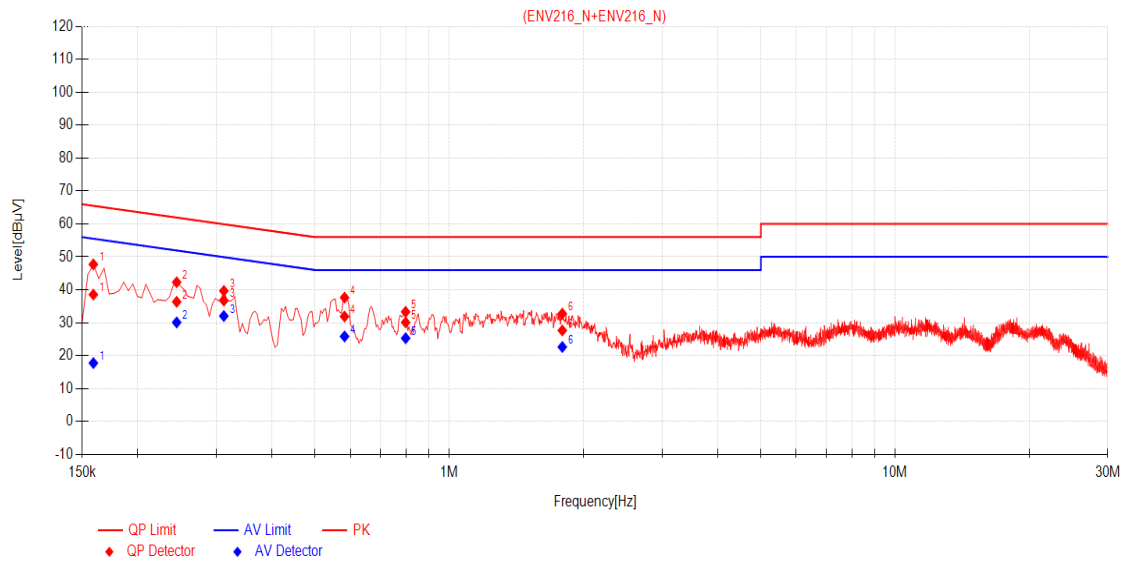
Test Mode: 00; Line: Live line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1725	10.43	27.26	37.69	64.84	27.15	15.10	25.53	54.84	29.31	PASS
2	0.2400	10.33	24.60	34.93	62.10	27.17	17.45	27.78	52.10	24.32	PASS
3	0.3120	10.20	25.18	35.38	59.92	24.54	20.76	30.96	49.92	18.96	PASS
4	0.6000	9.75	21.26	31.01	56.00	24.99	16.86	26.61	46.00	19.39	PASS
5	1.2660	9.82	15.09	24.91	56.00	31.09	11.00	20.82	46.00	25.18	PASS
6	1.9005	9.93	15.15	25.08	56.00	30.92	10.75	20.68	46.00	25.32	PASS

Test Mode: 00; Line: Neutral Line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1590	10.46	28.07	38.53	65.52	26.99	7.27	17.73	55.52	37.79	PASS
2	0.2445	10.32	26.02	36.34	61.94	25.60	19.76	30.08	51.94	21.86	PASS
3	0.3120	10.20	26.51	36.71	59.92	23.21	21.83	32.03	49.92	17.89	PASS
4	0.5820	9.75	22.13	31.88	56.00	24.12	16.07	25.82	46.00	20.18	PASS
5	0.7980	9.76	20.32	30.08	56.00	25.92	15.52	25.28	46.00	20.72	PASS
6	1.7925	9.90	17.74	27.64	56.00	28.36	12.72	22.62	46.00	23.38	PASS

7.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2020) Section 6.10.5

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

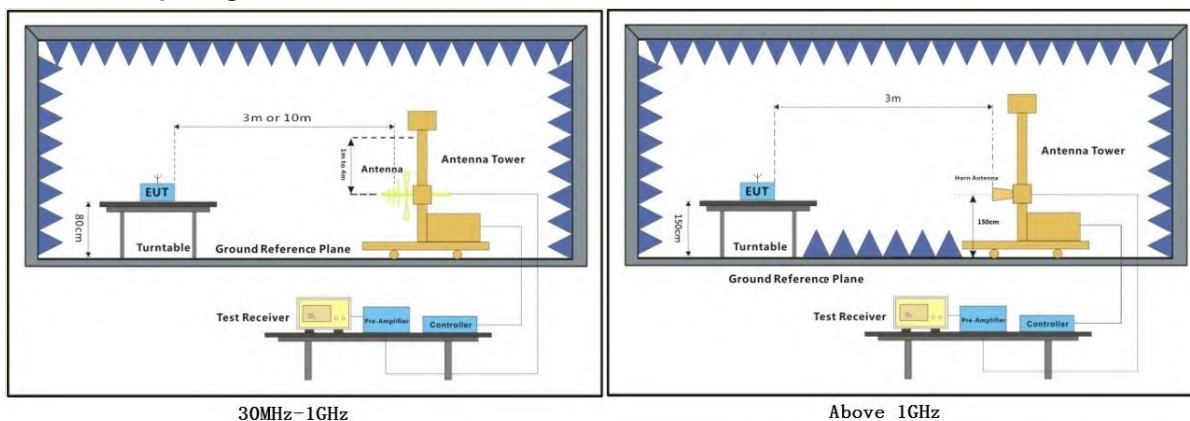
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(2.4G WIFI)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested. Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is 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.
- e. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

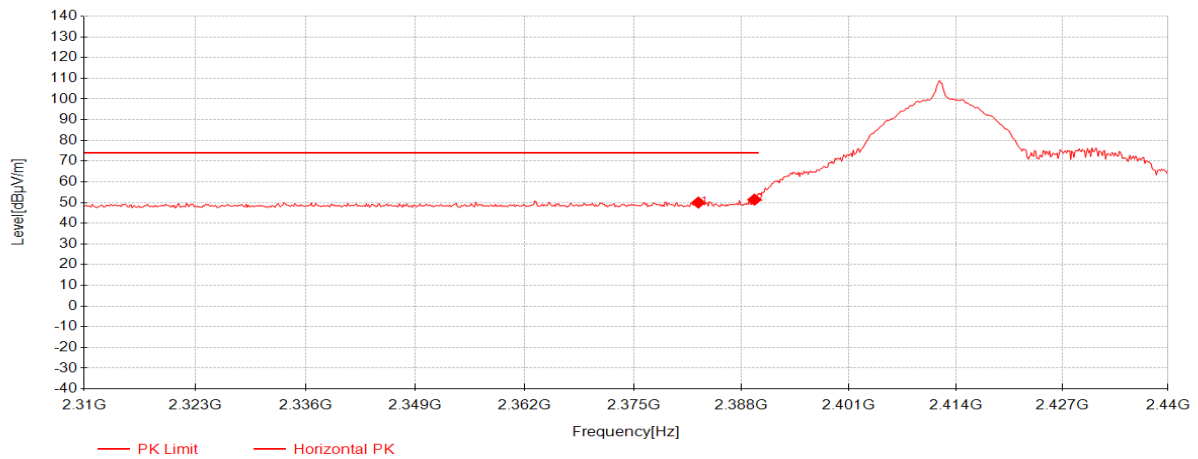
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Remark 3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

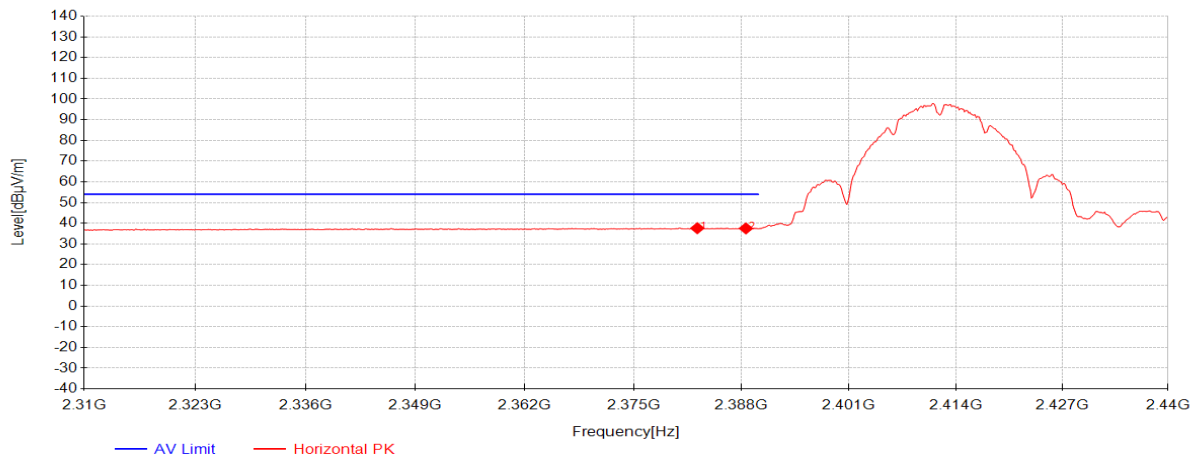
Remark 4: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11b_TX_CH_01_Horizontal_Peak



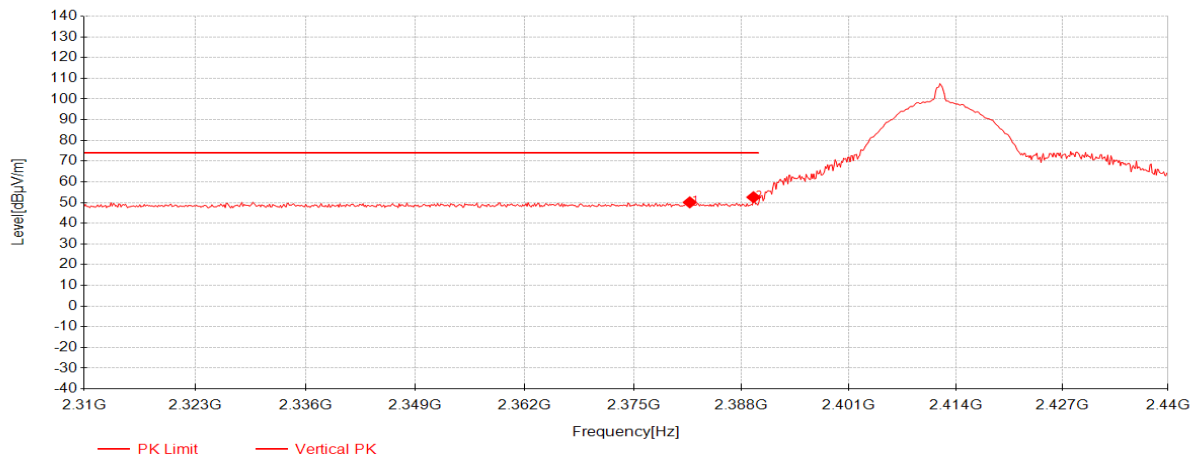
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2382.8	47.54	27.27	-24.82	49.99	74.00	24.01	Horizontal
2	2389.56	48.93	27.29	-24.82	51.40	74.00	22.60	Horizontal

11b_TX_CH_01_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2382.67	35.16	27.27	-24.82	37.61	54.00	16.39	Horizontal
2	2388.52	35.04	27.29	-24.82	37.51	54.00	16.49	Horizontal

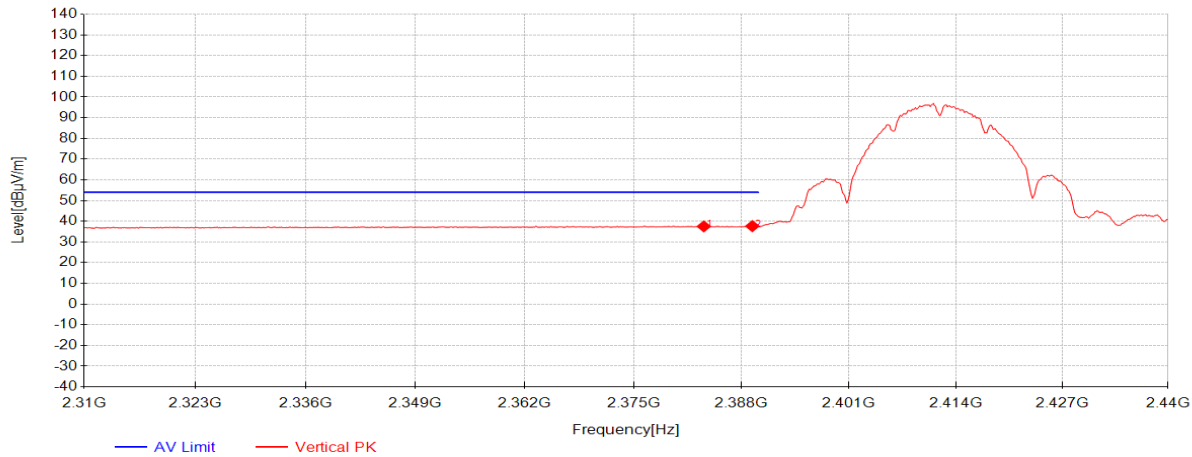
11b_TX_CH_01_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2381.76	47.64	27.27	-24.82	50.09	74.00	23.91	Vertical
2	2389.43	50.10	27.29	-24.82	52.57	74.00	21.43	Vertical



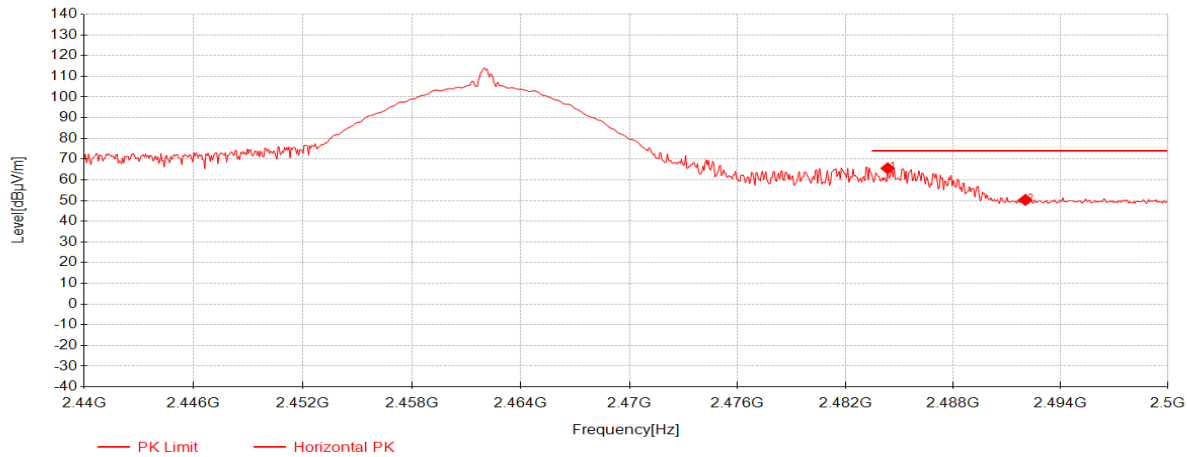
11b_TX_CH_01_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2383.45	35.07	27.27	-24.82	37.52	54.00	16.48	Vertical
2	2389.3	35.17	27.29	-24.82	37.64	54.00	16.36	Vertical

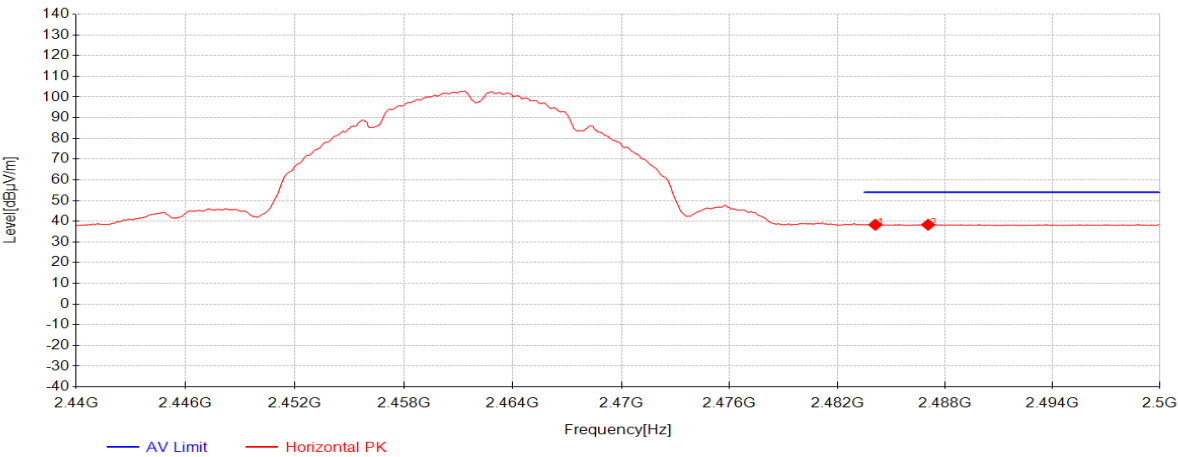


11b_TX_CH_11_Horizontal_Peak



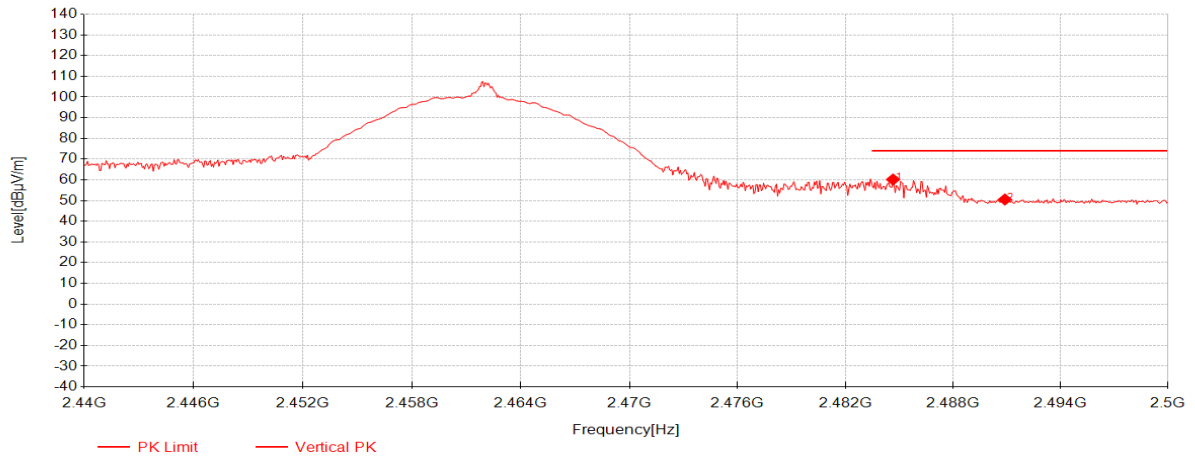
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.34	62.67	27.56	-24.63	65.59	74.00	8.41	Horizontal
2	2492.02	47.35	27.58	-24.62	50.31	74.00	23.69	Horizontal

11b_TX_CH_11_Horizontal_Average



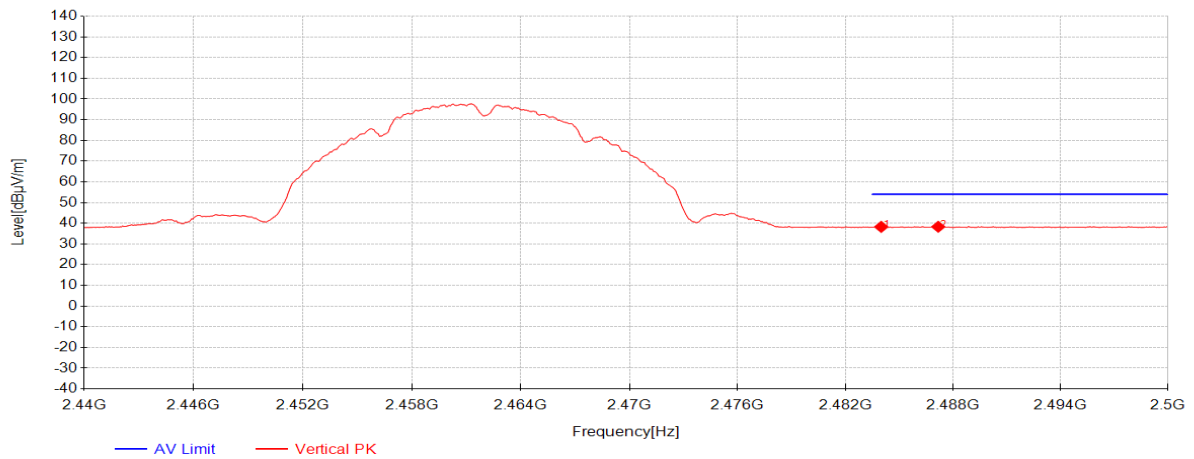
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.1	35.36	27.56	-24.63	38.28	54.00	15.72	Horizontal
2	2487.04	35.37	27.56	-24.63	38.31	54.00	15.69	Horizontal

11b_TX_CH_11_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.64	57.26	27.56	-24.63	60.18	74.00	13.82	Vertical
2	2490.88	47.55	27.57	-24.62	50.51	74.00	23.49	Vertical

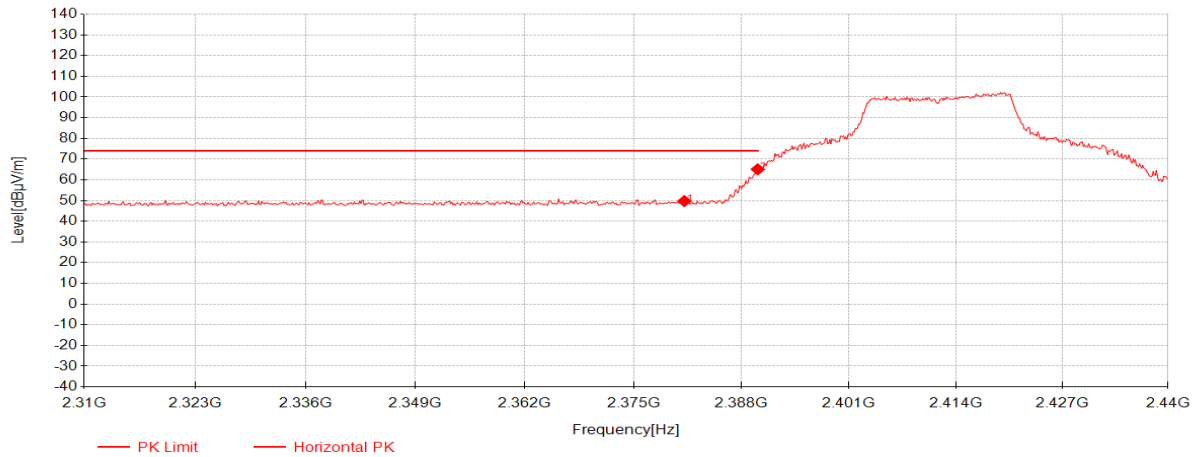
11b_TX_CH_11_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.98	35.33	27.56	-24.63	38.25	54.00	15.75	Vertical
2	2487.16	35.36	27.56	-24.63	38.30	54.00	15.70	Vertical

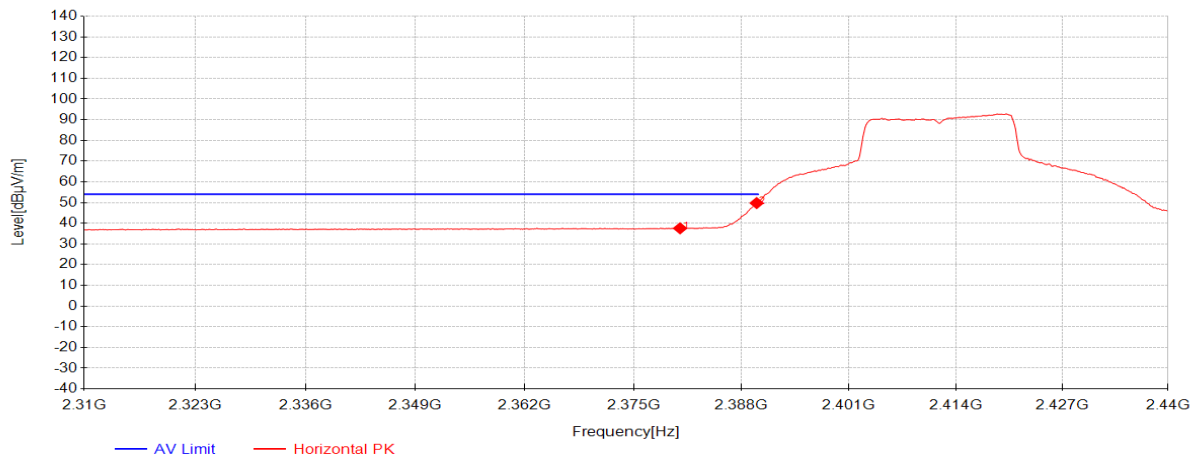


11n(HT20)_TX_CH_01_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2381.11	47.30	27.27	-24.82	49.74	74.00	24.26	Horizontal
2	2389.95	62.64	27.29	-24.82	65.11	74.00	8.89	Horizontal

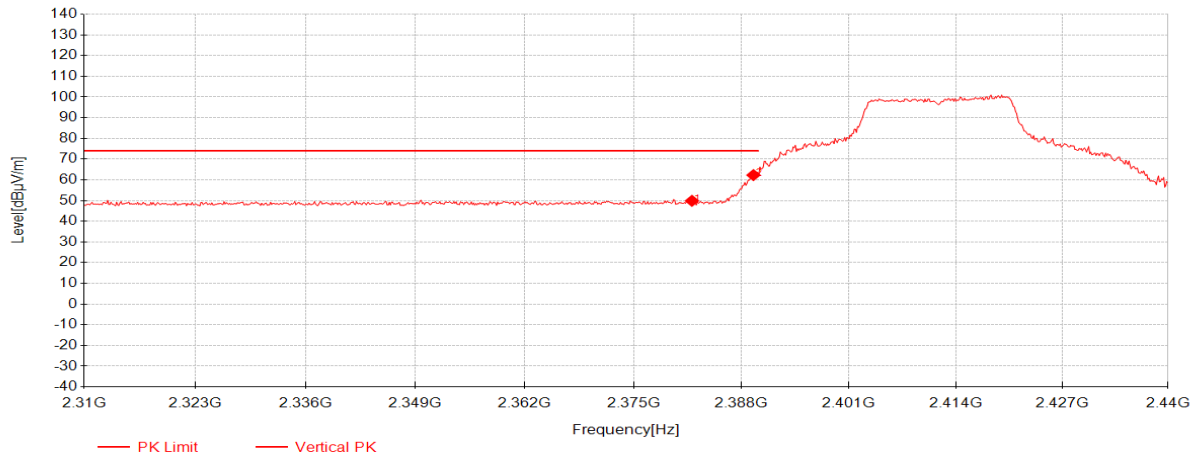
11n(HT20)_TX_CH_01_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2380.59	35.11	27.27	-24.82	37.55	54.00	16.45	Horizontal
2	2389.82	47.27	27.29	-24.82	49.74	54.00	4.26	Horizontal

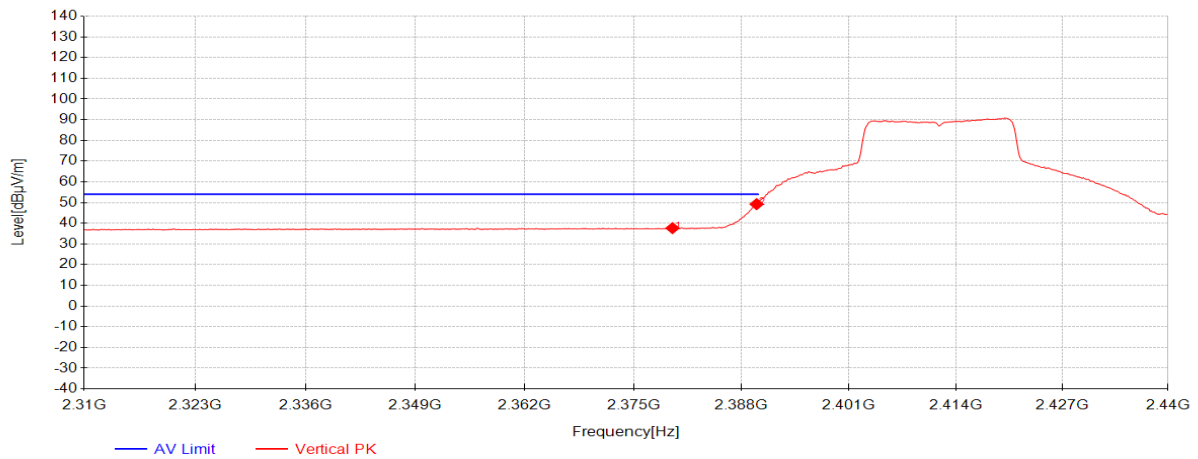


11n(HT20)_TX_CH_01_Vertical_Peak



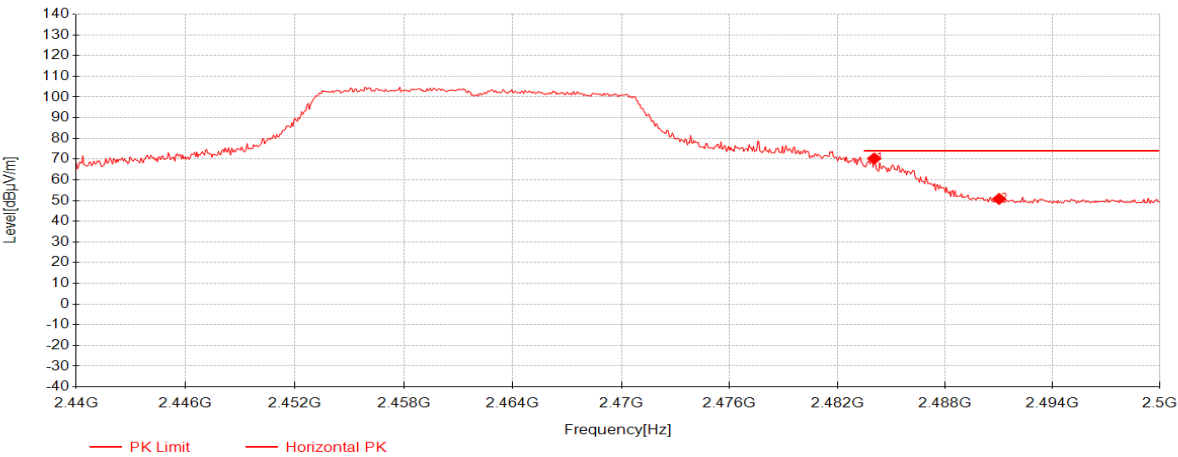
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2382.02	47.42	27.27	-24.82	49.87	74.00	24.13	Vertical
2	2389.43	59.81	27.29	-24.82	62.28	74.00	11.72	Vertical

11n(HT20)_TX_CH_01_Vetical_Average



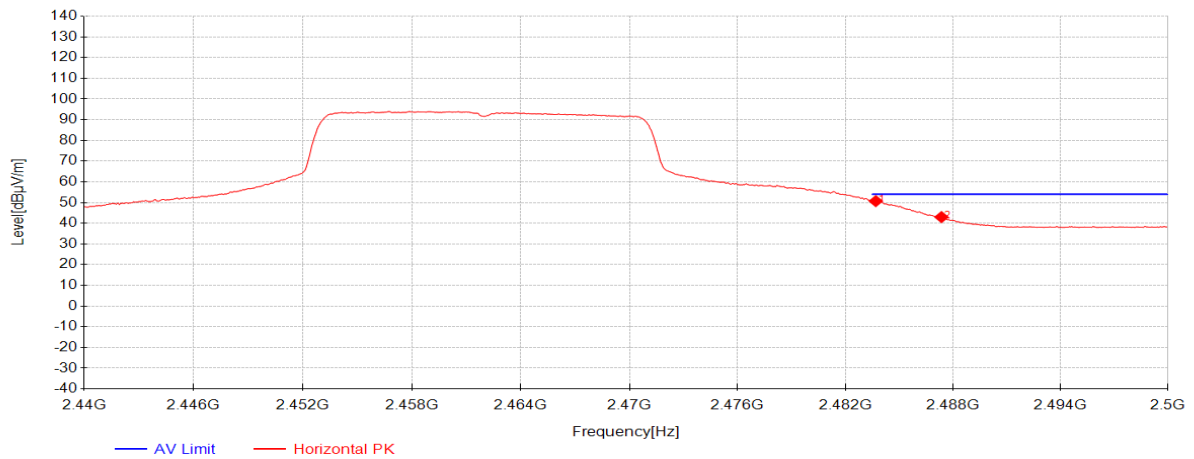
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2379.68	35.20	27.26	-24.82	37.64	54.00	16.36	Vertical
2	2389.82	46.75	27.29	-24.82	49.22	54.00	4.78	Vertical

11n(HT20)_TX_CH_11_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.04	67.37	27.56	-24.63	70.29	74.00	3.71	Horizontal
2	2491	47.81	27.57	-24.62	50.77	74.00	23.23	Horizontal

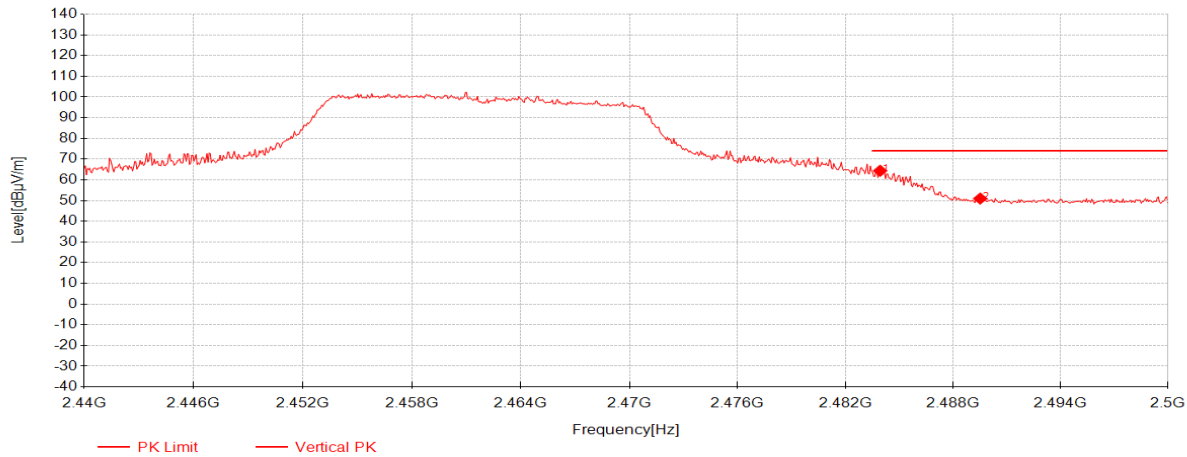
11n(HT20)_TX_CH_11_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.68	47.75	27.55	-24.63	50.67	54.00	3.33	Horizontal
2	2487.34	40.03	27.56	-24.63	42.97	54.00	11.03	Horizontal



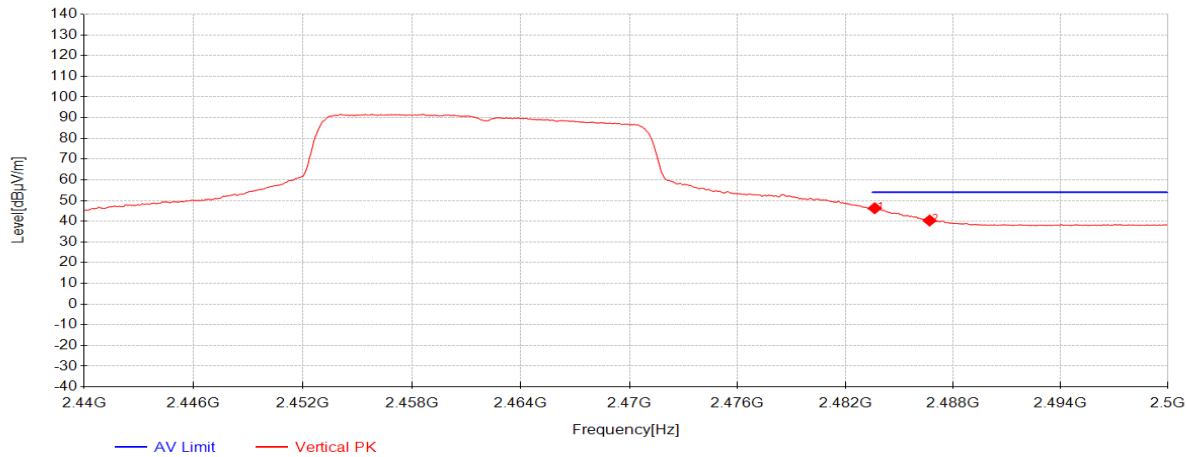
11n(HT20)_TX_CH_11_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.92	61.46	27.55	-24.63	64.38	74.00	9.62	Vertical
2	2489.5	48.01	27.57	-24.62	50.96	74.00	23.04	Vertical

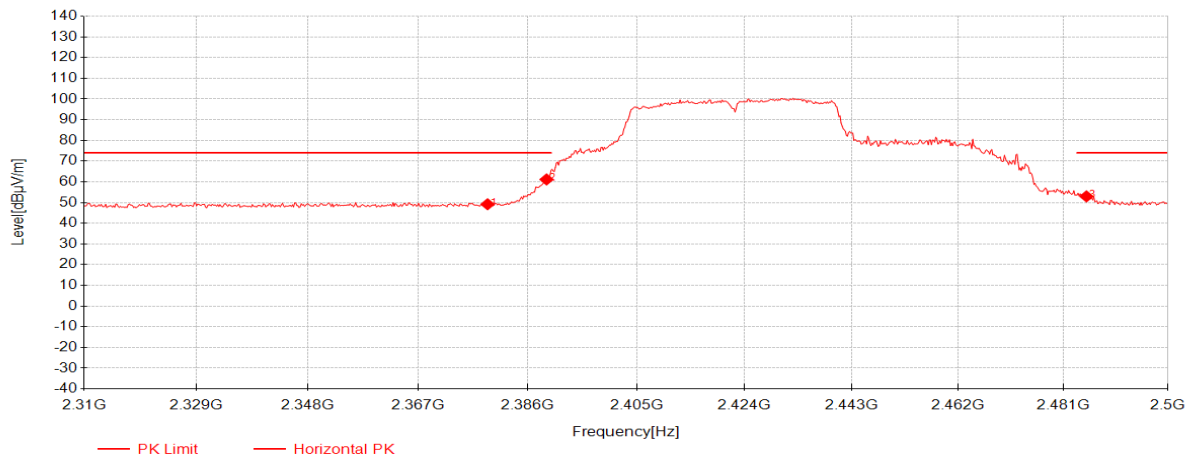


11n(HT20)_TX_CH_11_Vetical_Average



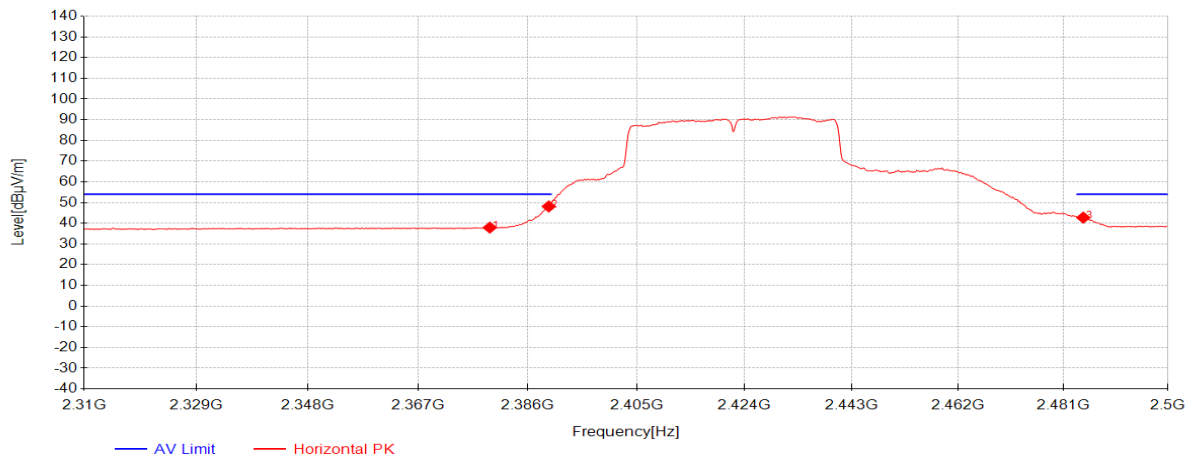
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.62	43.36	27.55	-24.63	46.28	54.00	7.72	Vertical
2	2486.68	37.39	27.56	-24.63	40.32	54.00	13.68	Vertical

11n(HT40)_TX_CH_03_Horizontal_Peak



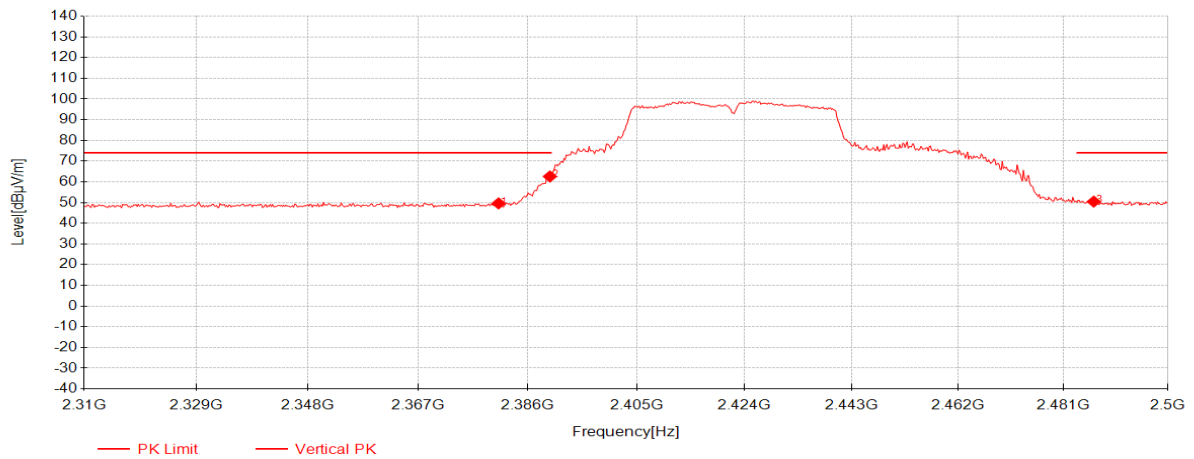
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2378.97	46.73	27.26	-24.82	49.17	74.00	24.83	Horizontal
2	2389.23	58.68	27.29	-24.82	61.15	74.00	12.85	Horizontal
3	2485.18	50.04	27.56	-24.63	52.97	74.00	21.03	Horizontal

11n(HT40)_TX_CH_03_Horizontal_Average



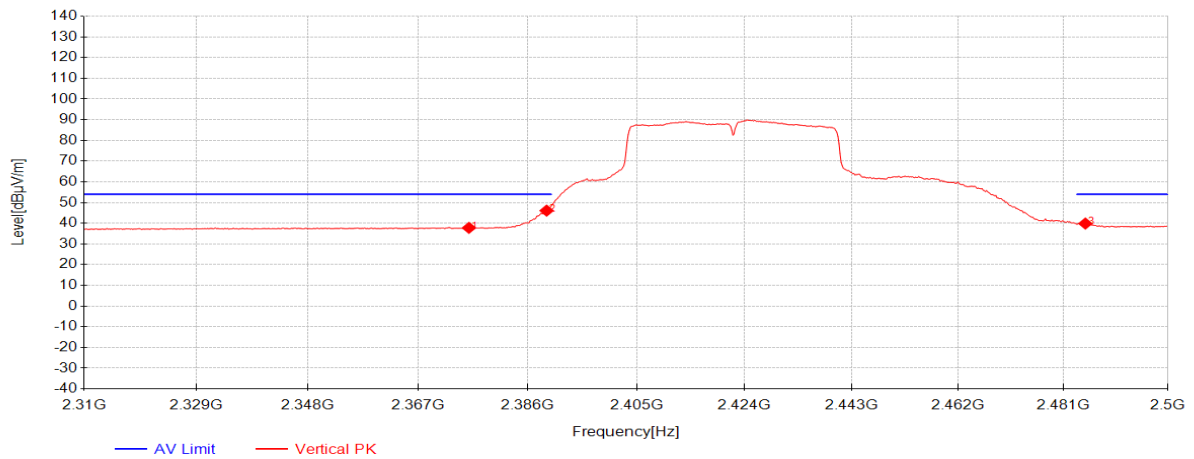
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2379.35	35.47	27.26	-24.82	37.91	54.00	16.09	Horizontal
2	2389.61	45.67	27.29	-24.82	48.14	54.00	5.86	Horizontal
3	2484.61	39.81	27.56	-24.63	42.73	54.00	11.27	Horizontal

11n(HT40)_TX_CH_03_Vetical_Peak



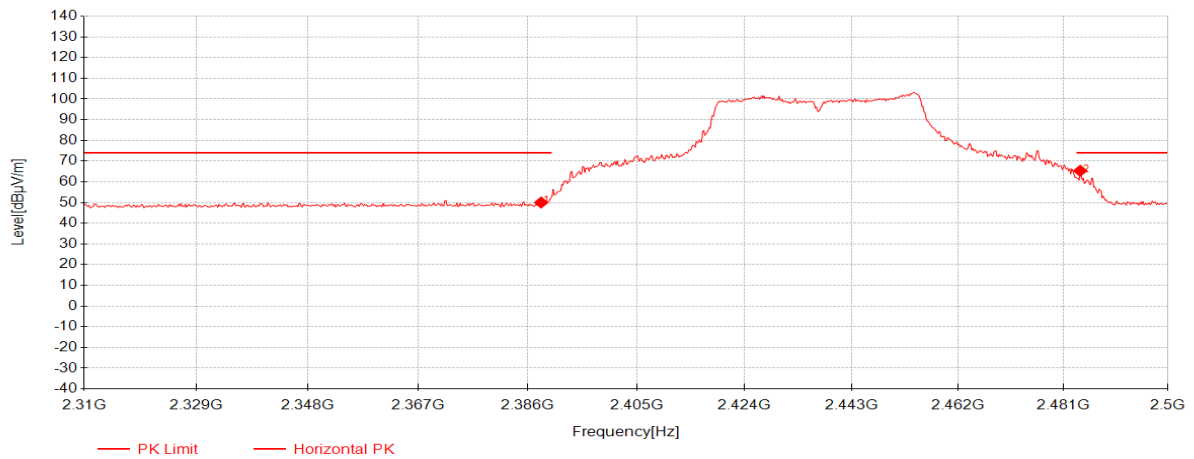
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2380.87	47.14	27.27	-24.82	49.58	74.00	24.42	Vertical
2	2389.8	60.13	27.29	-24.82	62.60	74.00	11.40	Vertical
3	2486.51	47.53	27.56	-24.63	50.46	74.00	23.54	Vertical

11n(HT40)_TX_CH_03_Vetical_Average



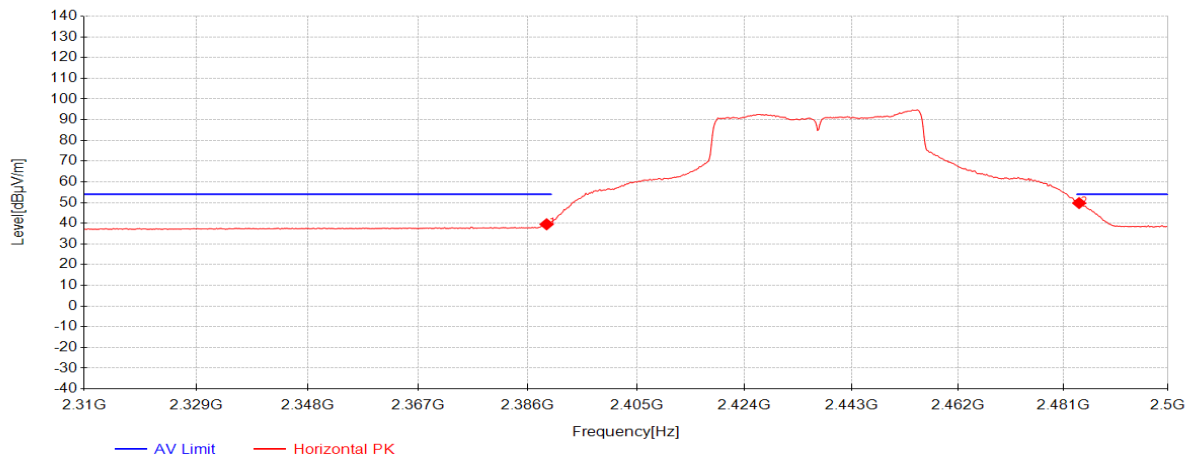
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2375.74	35.36	27.25	-24.83	37.79	54.00	16.21	Vertical
2	2389.23	43.63	27.29	-24.82	46.10	54.00	7.90	Vertical
3	2484.99	36.92	27.56	-24.63	39.85	54.00	14.15	Vertical

11n(HT40)_TX_CH_06_Horizontal_Peak



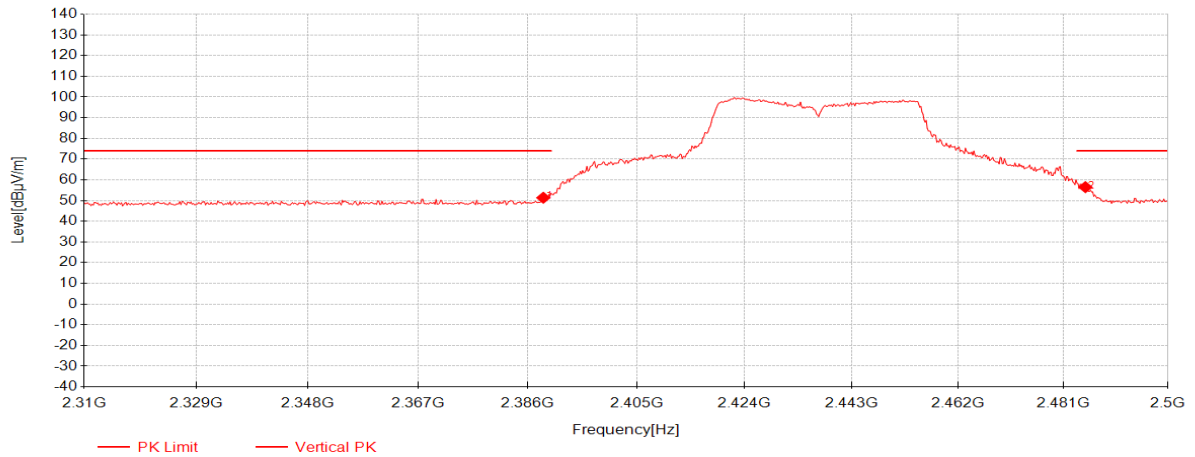
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.28	47.54	27.29	-24.82	50.01	74.00	23.99	Horizontal
2	2484.04	62.42	27.56	-24.63	65.34	74.00	8.66	Horizontal

11n(HT40)_TX_CH_06_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.23	37.02	27.29	-24.82	39.49	54.00	14.51	Horizontal
2	2483.85	46.84	27.55	-24.63	49.76	54.00	4.24	Horizontal

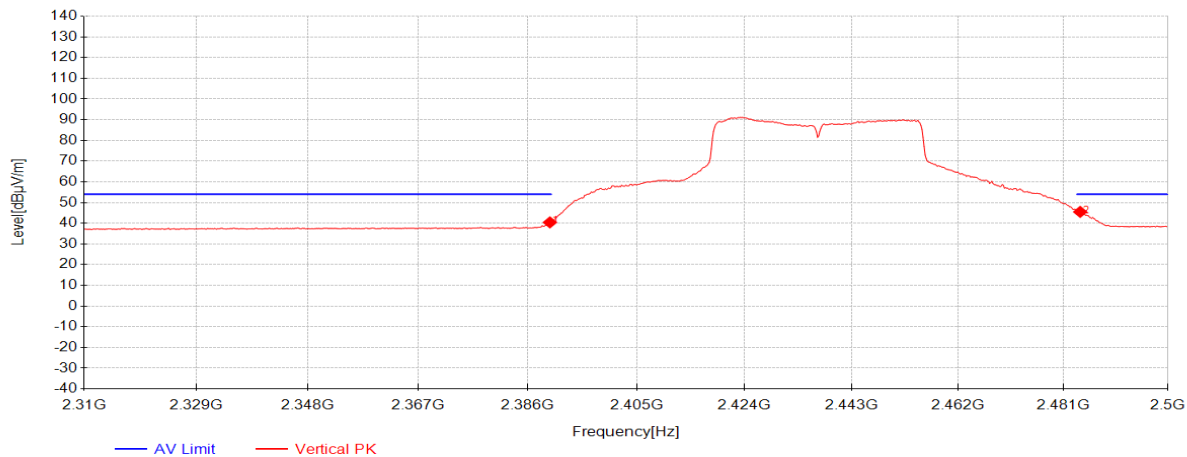
11n(HT40)_TX_CH_06_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.66	48.88	27.29	-24.82	51.35	74.00	22.65	Vertical
2	2484.99	53.53	27.56	-24.63	56.46	74.00	17.54	Vertical

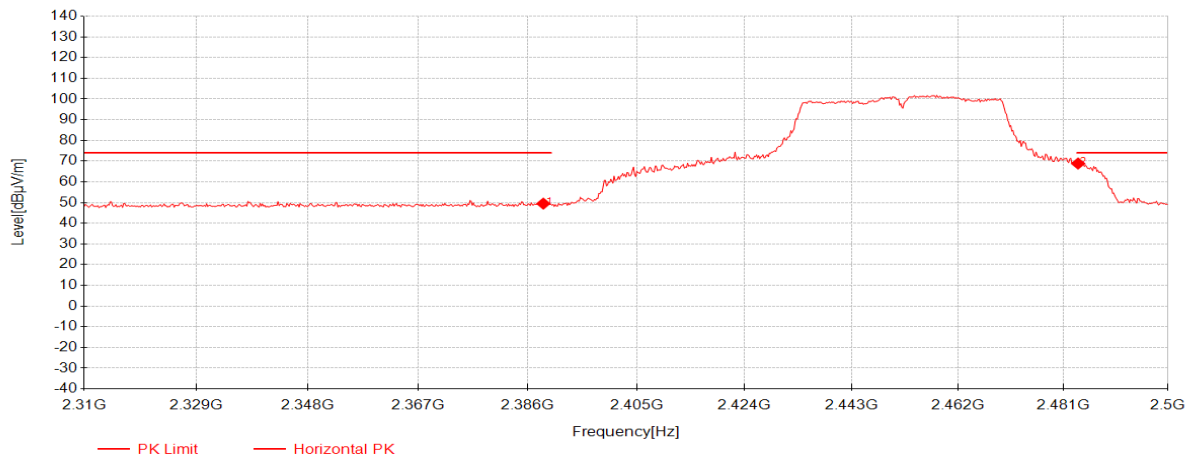


11n(HT40)_TX_CH_06_Vetical_Average



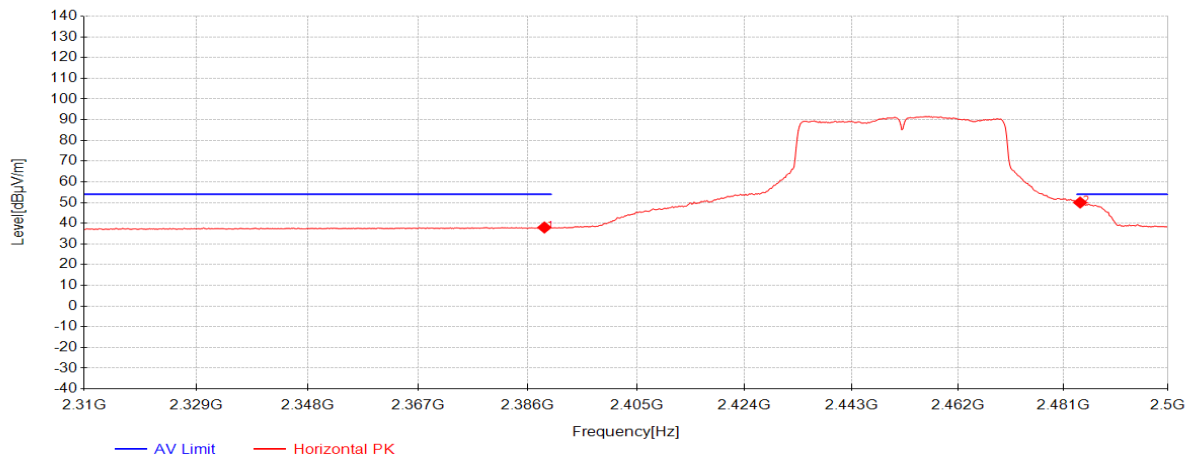
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.8	37.94	27.29	-24.82	40.41	54.00	13.59	Vertical
2	2484.04	42.57	27.56	-24.63	45.49	54.00	8.51	Vertical

11n(HT40)_TX_CH_09_Horizontal_Peak



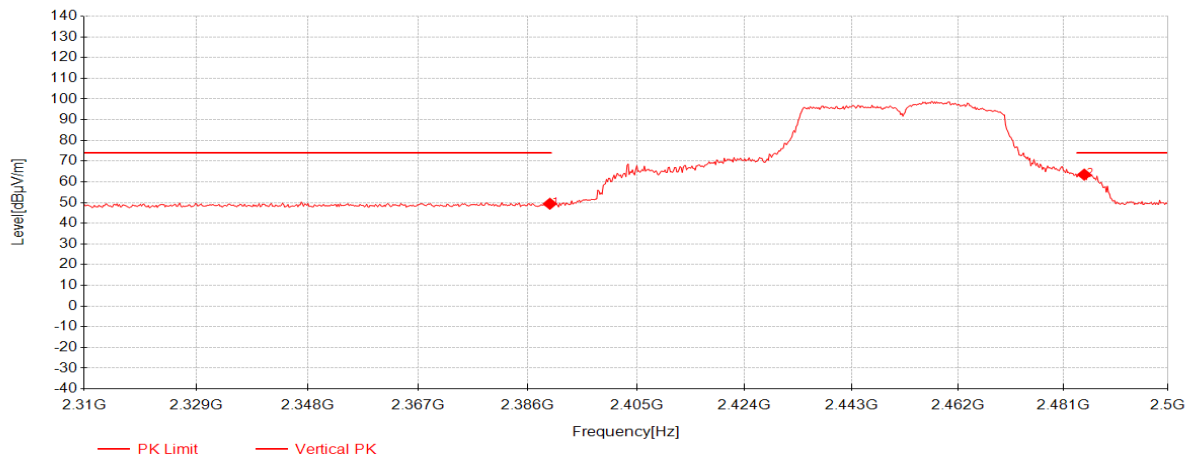
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.66	47.00	27.29	-24.82	49.47	74.00	24.53	Horizontal
2	2483.66	65.91	27.55	-24.63	68.83	74.00	5.17	Horizontal

11n(HT40)_TX_CH_09_Horizontal_Average



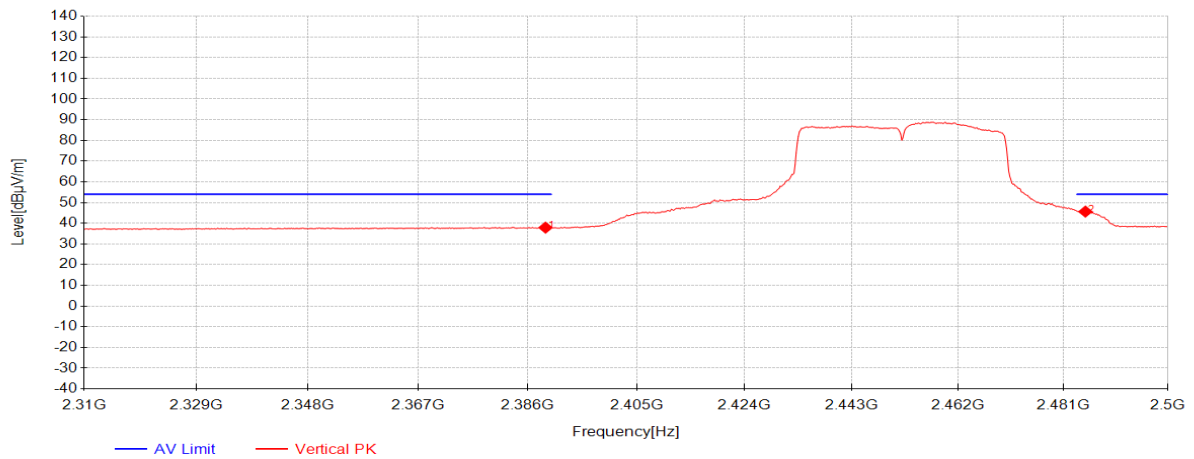
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.85	35.47	27.29	-24.82	37.94	54.00	16.06	Horizontal
2	2484.04	47.08	27.56	-24.63	50.00	54.00	4.00	Horizontal

11n(HT40)_TX_CH_09_Vetical_Peak



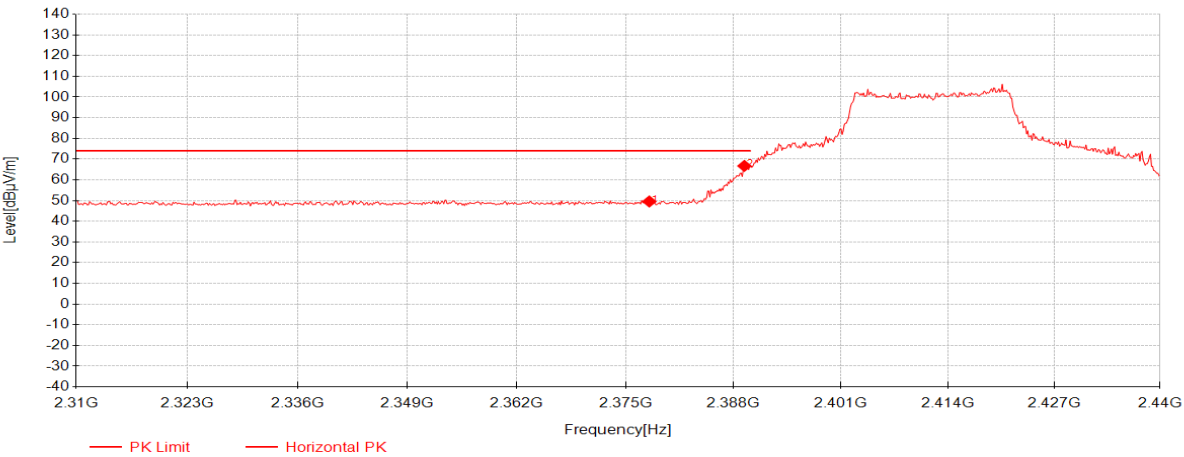
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.8	46.94	27.29	-24.82	49.41	74.00	24.59	Vertical
2	2484.8	60.56	27.56	-24.63	63.49	74.00	10.51	Vertical

11n(HT40)_TX_CH_09_Vetical_Average



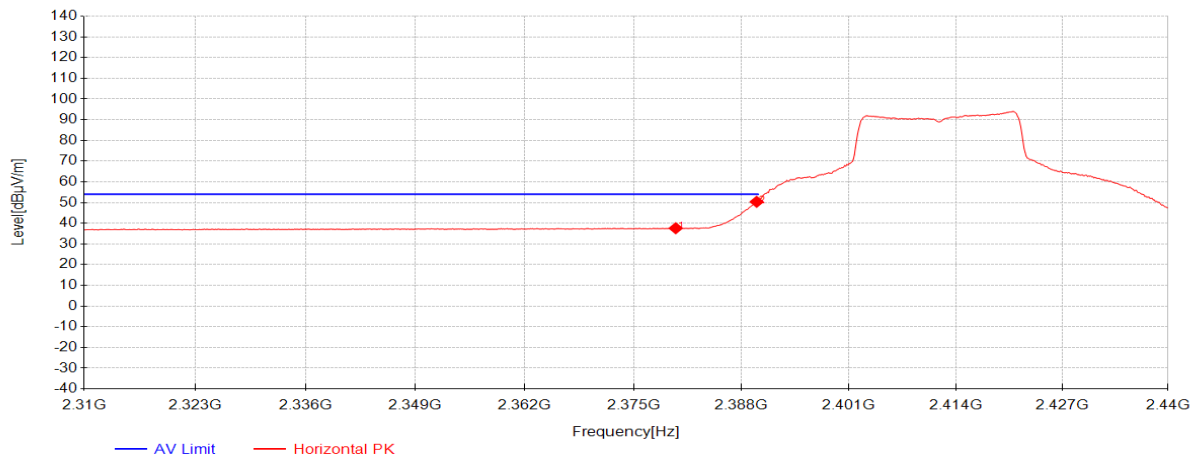
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.04	35.42	27.29	-24.82	37.89	54.00	16.11	Vertical
2	2484.99	42.69	27.56	-24.63	45.62	54.00	8.38	Vertical

11be(EHT20)_TX_CH_01_Horizontal_Peak



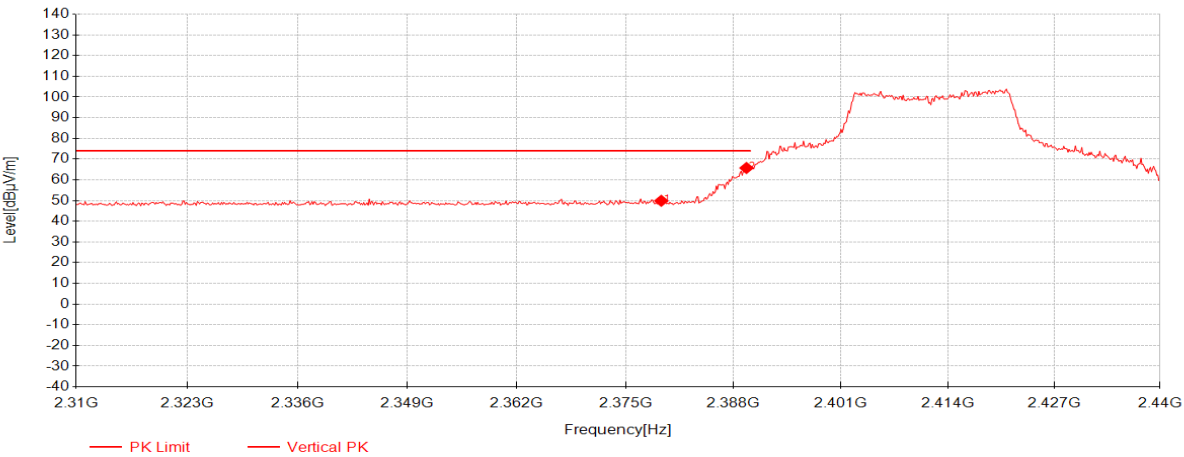
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2377.86	47.12	27.26	-24.83	49.55	74.00	24.45	Horizontal
2	2389.3	64.25	27.29	-24.82	66.72	74.00	7.28	Horizontal

11be(EHT20)_TX_CH_01_Horizontal_Average



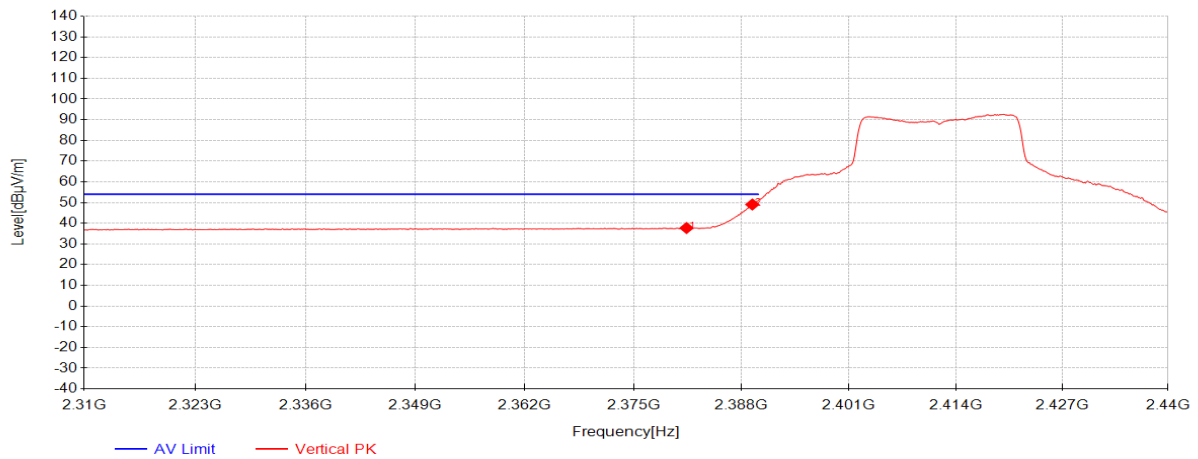
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2380.07	35.16	27.26	-24.82	37.60	54.00	16.40	Horizontal
2	2389.82	47.88	27.29	-24.82	50.35	54.00	3.65	Horizontal

11be(EHT20)_TX_CH_01_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2379.29	47.45	27.26	-24.82	49.89	74.00	24.11	Vertical
2	2389.56	63.25	27.29	-24.82	65.72	74.00	8.28	Vertical

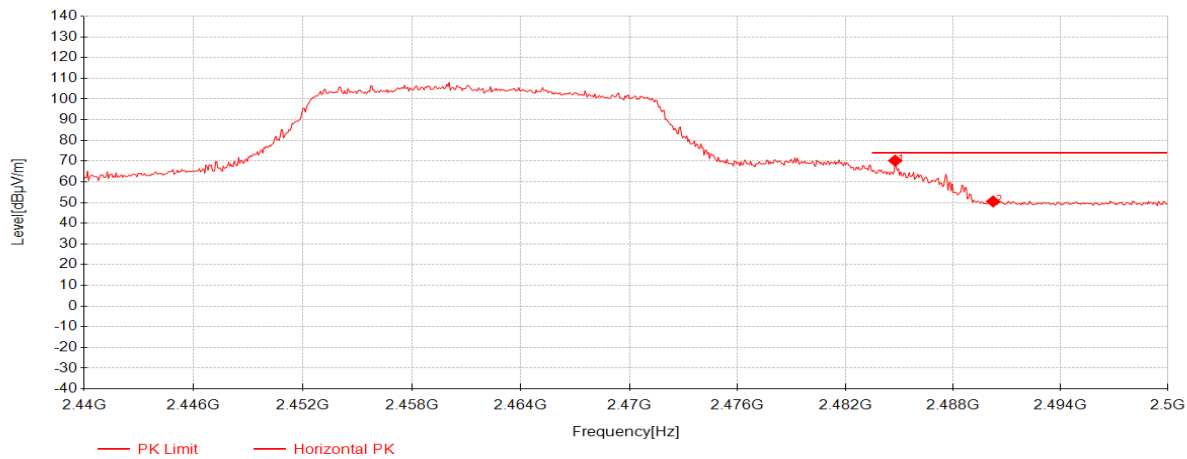
11be(EHT20)_TX_CH_01_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2381.37	35.24	27.27	-24.82	37.68	54.00	16.32	Vertical
2	2389.3	46.58	27.29	-24.82	49.05	54.00	4.95	Vertical

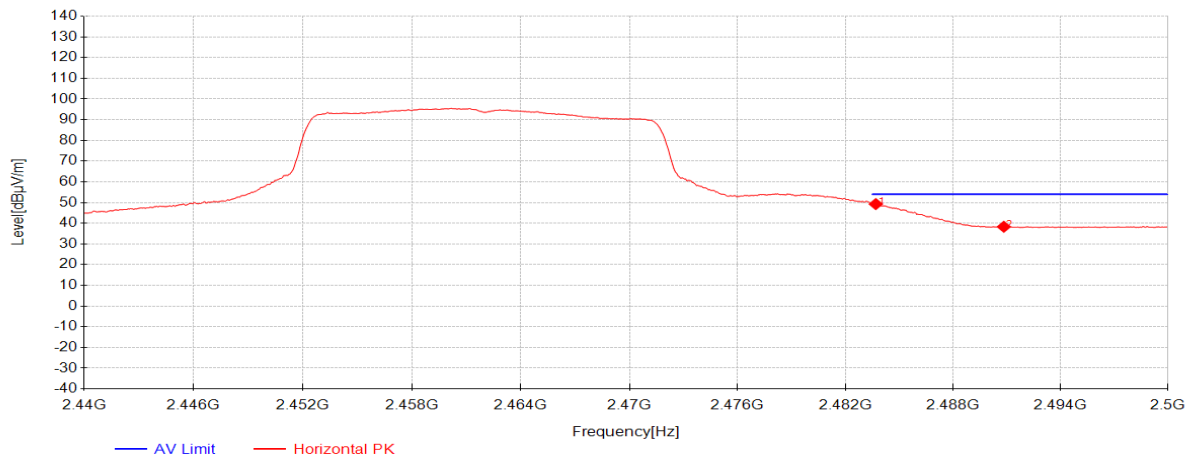


11be(EHT20)_TX_CH_11_Horizontal_Peak



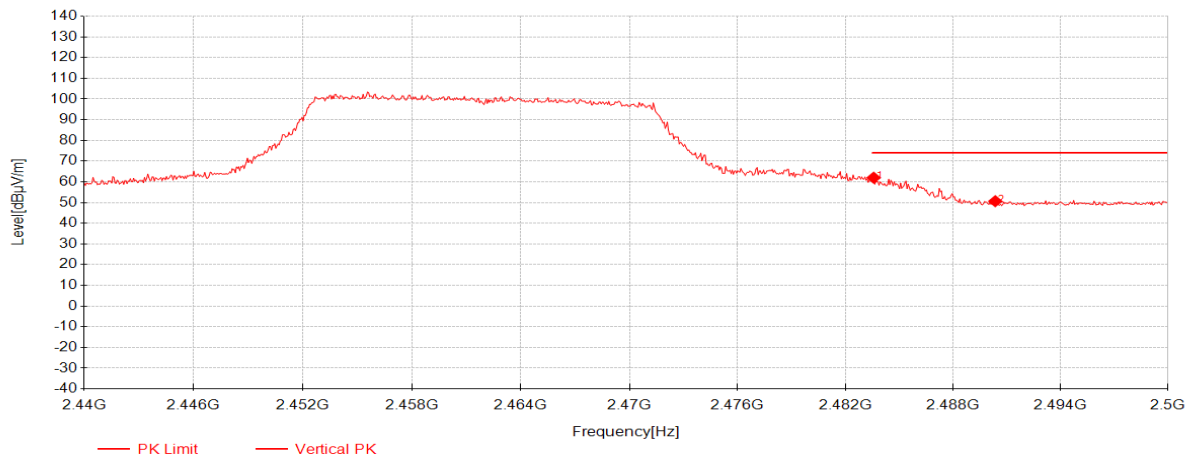
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.76	67.31	27.56	-24.63	70.24	74.00	3.76	Horizontal
2	2490.22	47.58	27.57	-24.62	50.53	74.00	23.47	Horizontal

11be(EHT20)_TX_CH_11_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.68	46.33	27.55	-24.63	49.25	54.00	4.75	Horizontal
2	2490.82	35.35	27.57	-24.62	38.31	54.00	15.69	Horizontal

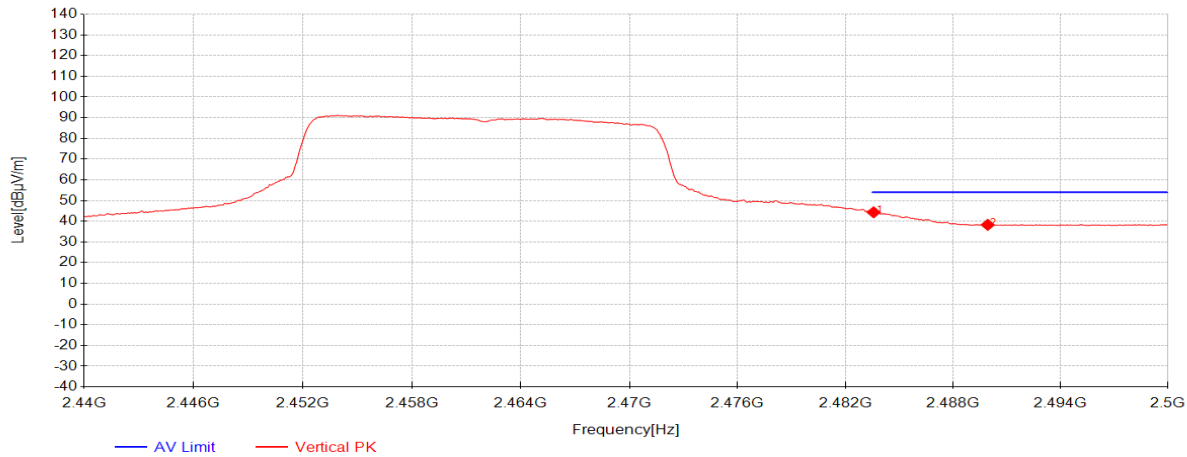
11be(EHT20)_TX_CH_11_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.56	59.07	27.55	-24.63	61.99	74.00	12.01	Vertical
2	2490.34	47.70	27.57	-24.62	50.65	74.00	23.35	Vertical

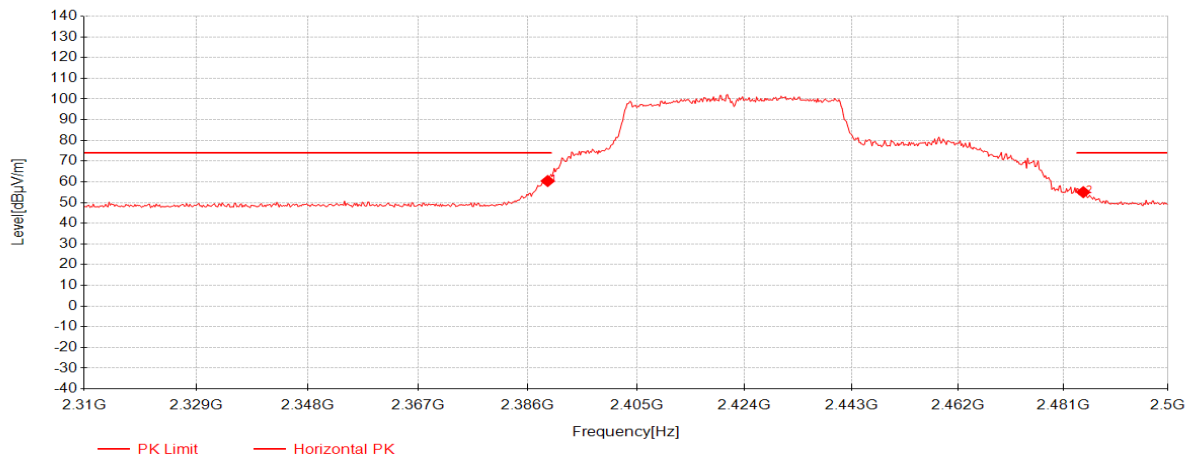


11be(EHT20)_TX_CH_11_Vetical_Average



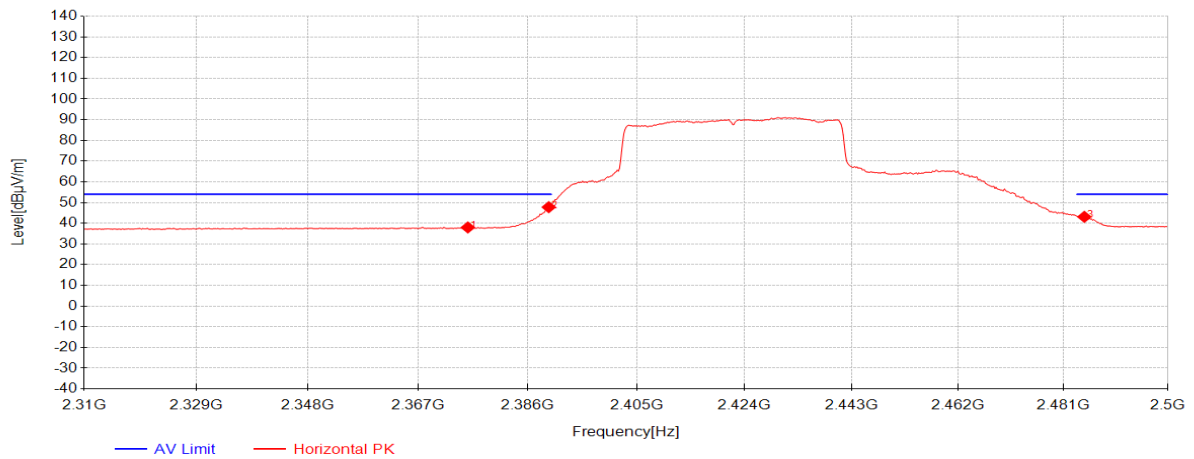
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.56	41.39	27.55	-24.63	44.31	54.00	9.69	Vertical
2	2489.92	35.31	27.57	-24.62	38.26	54.00	15.74	Vertical

11be(EHT40)_TX_CH_03_Horizontal_Peak



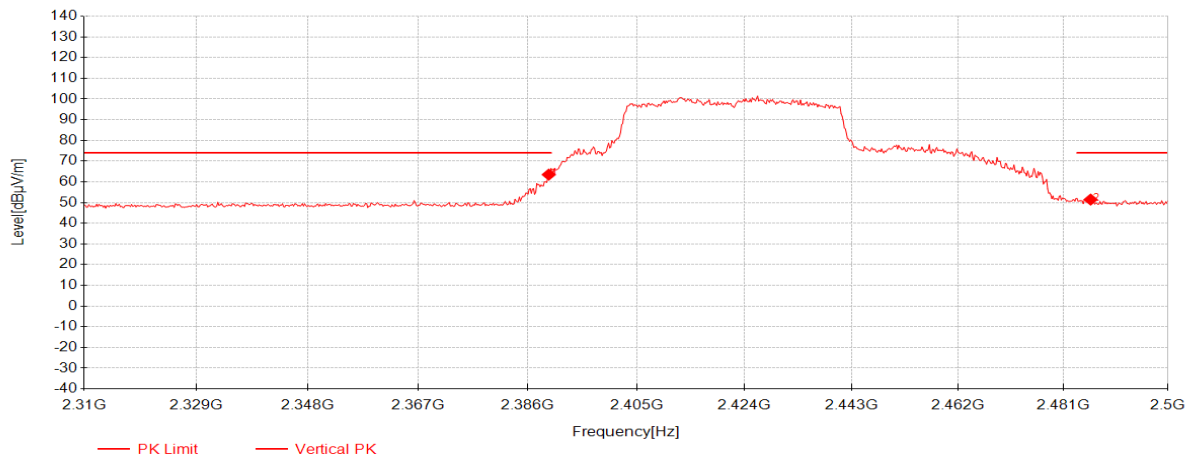
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.42	57.91	27.29	-24.82	60.38	74.00	13.62	Horizontal
2	2484.61	52.10	27.56	-24.63	55.02	74.00	18.98	Horizontal

11be(EHT40)_TX_CH_03_Horizontal_Average



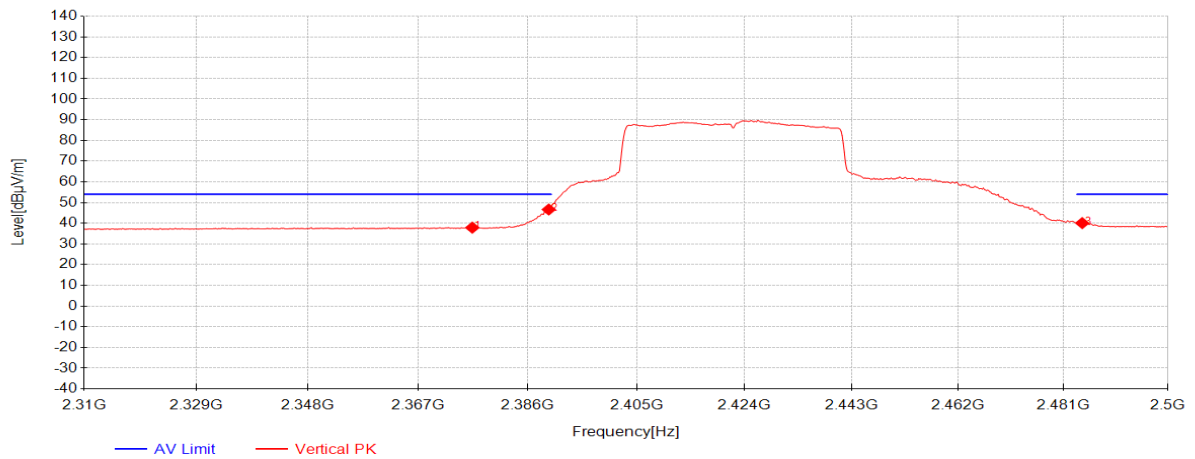
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2375.55	35.55	27.25	-24.83	37.97	54.00	16.03	Horizontal
2	2389.61	45.29	27.29	-24.82	47.76	54.00	6.24	Horizontal
3	2484.8	40.18	27.56	-24.63	43.11	54.00	10.89	Horizontal

11be(EHT40)_TX_CH_03_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.61	61.01	27.29	-24.82	63.48	74.00	10.52	Vertical
2	2485.94	48.49	27.56	-24.63	51.42	74.00	22.58	Vertical

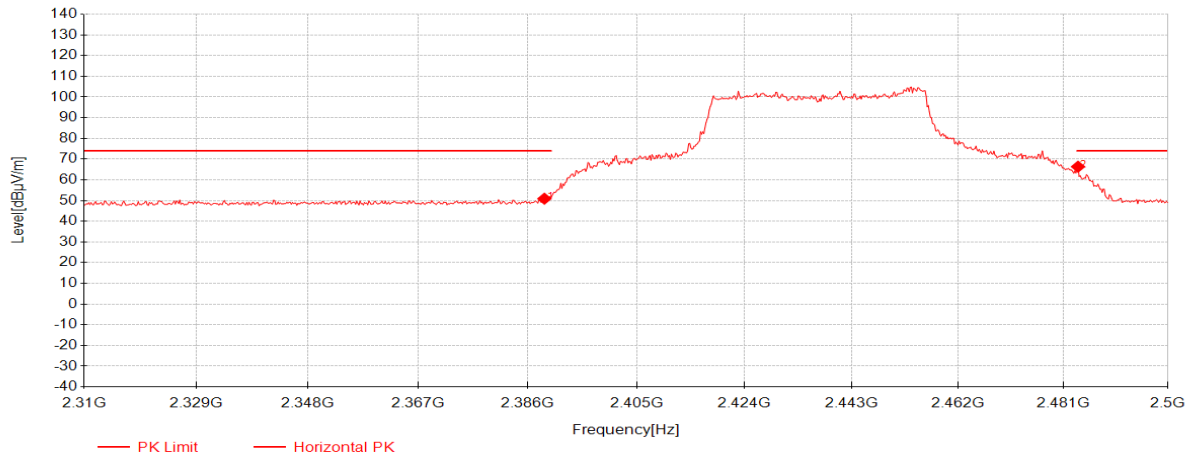
11be(EHT40)_TX_CH_03_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2376.31	35.44	27.25	-24.83	37.87	54.00	16.13	Vertical
2	2389.61	44.16	27.29	-24.82	46.63	54.00	7.37	Vertical
3	2484.42	37.14	27.56	-24.63	40.06	54.00	13.94	Vertical

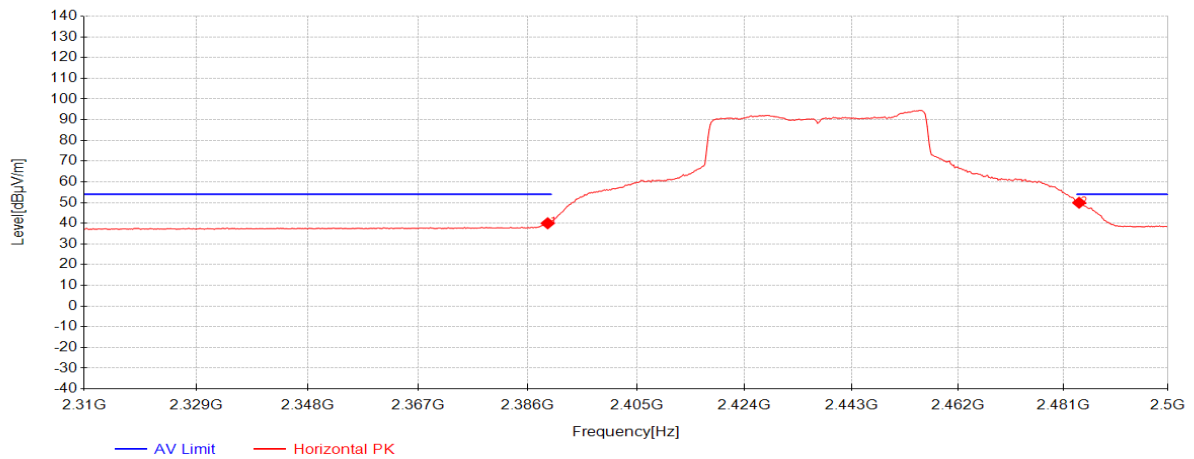


11be(EHT40)_TX_CH_06_Horizontal_Peak



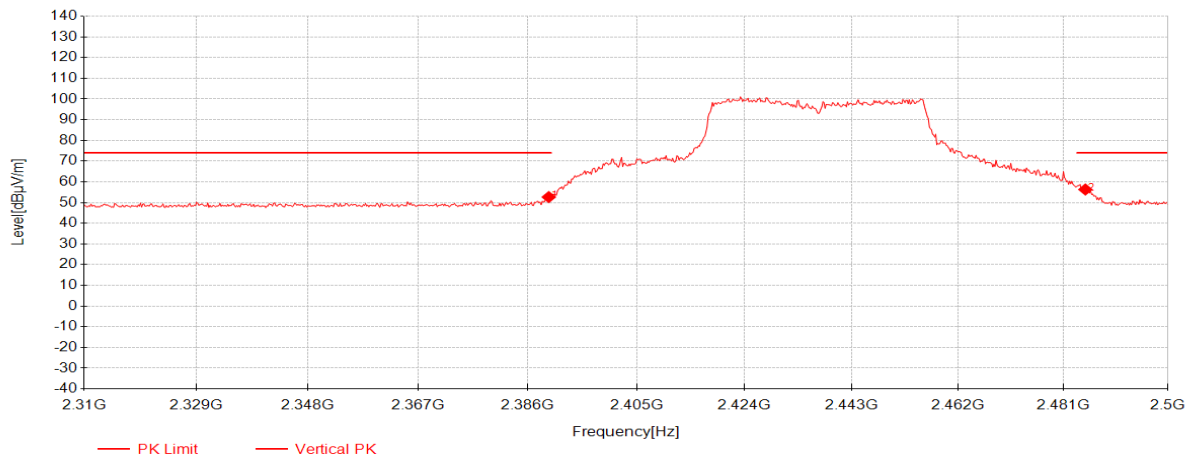
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.85	48.42	27.29	-24.82	50.89	74.00	23.11	Horizontal
2	2483.66	63.44	27.55	-24.63	66.36	74.00	7.64	Horizontal

11be(EHT40)_TX_CH_06_Horizontal_Average



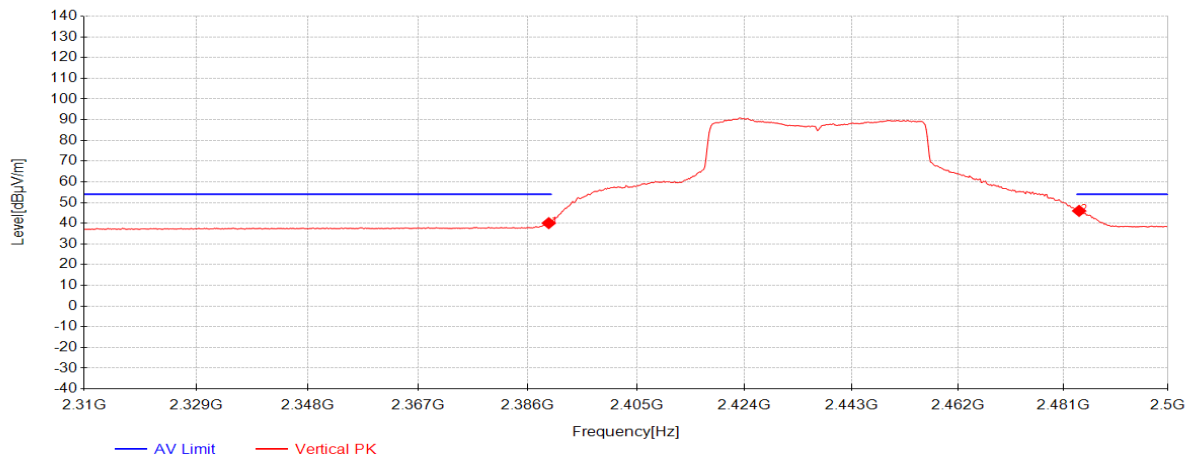
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.42	37.51	27.29	-24.82	39.98	54.00	14.02	Horizontal
2	2483.85	46.99	27.55	-24.63	49.91	54.00	4.09	Horizontal

11be(EHT40)_TX_CH_06_Vetical_Peak



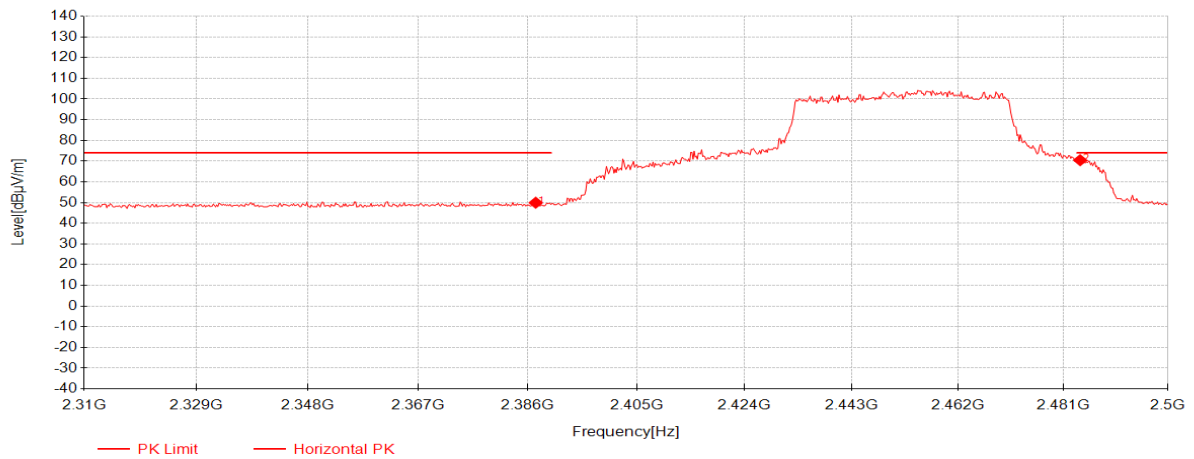
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.61	50.18	27.29	-24.82	52.65	74.00	21.35	Vertical
2	2484.99	53.37	27.56	-24.63	56.30	74.00	17.70	Vertical

11be(EHT40)_TX_CH_06_Vetical_Average



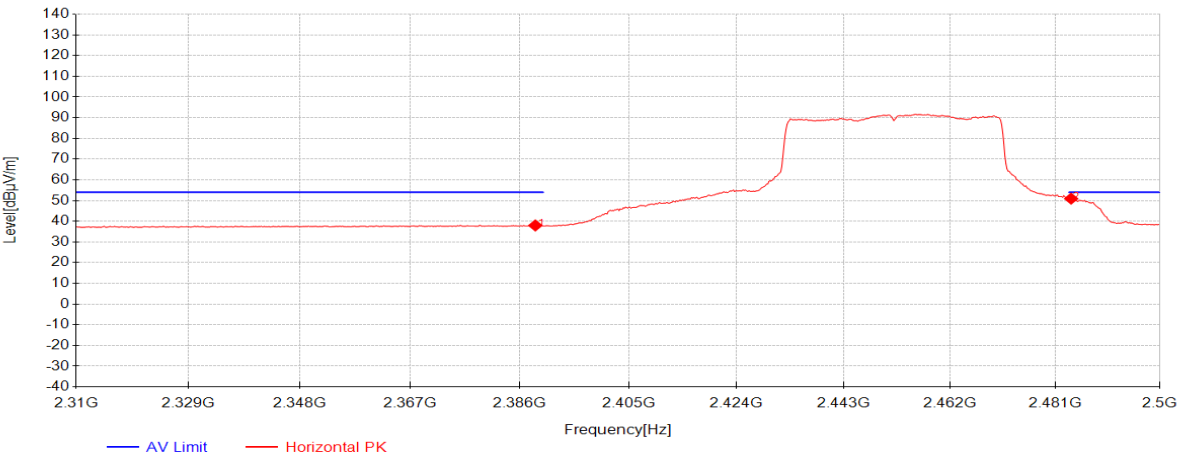
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.61	37.58	27.29	-24.82	40.05	54.00	13.95	Vertical
2	2483.85	43.06	27.55	-24.63	45.98	54.00	8.02	Vertical

11be(EHT40)_TX_CH_09_Horizontal_Peak



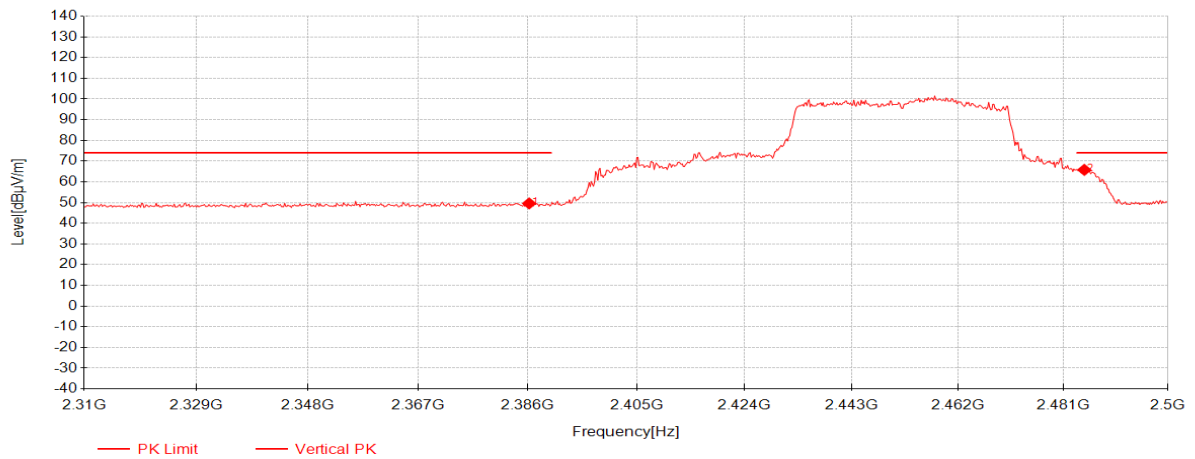
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2387.33	47.44	27.28	-24.82	49.91	74.00	24.09	Horizontal
2	2484.04	67.54	27.56	-24.63	70.46	74.00	3.54	Horizontal

11be(EHT40)_TX_CH_09_Horizontal_Average



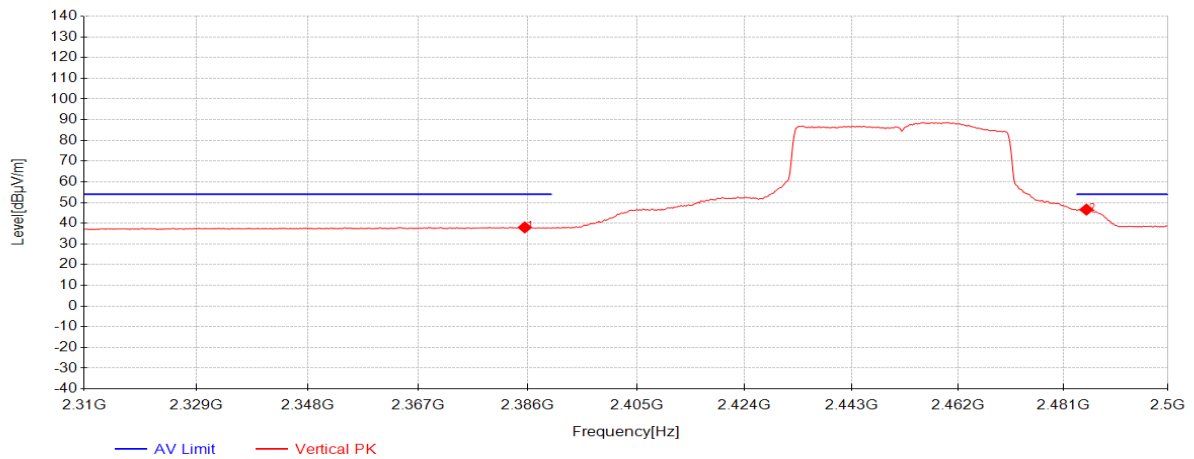
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.66	35.51	27.29	-24.82	37.98	54.00	16.02	Horizontal
2	2483.85	48.00	27.55	-24.63	50.92	54.00	3.08	Horizontal

11be(EHT40)_TX_CH_09_Vetical_Peak



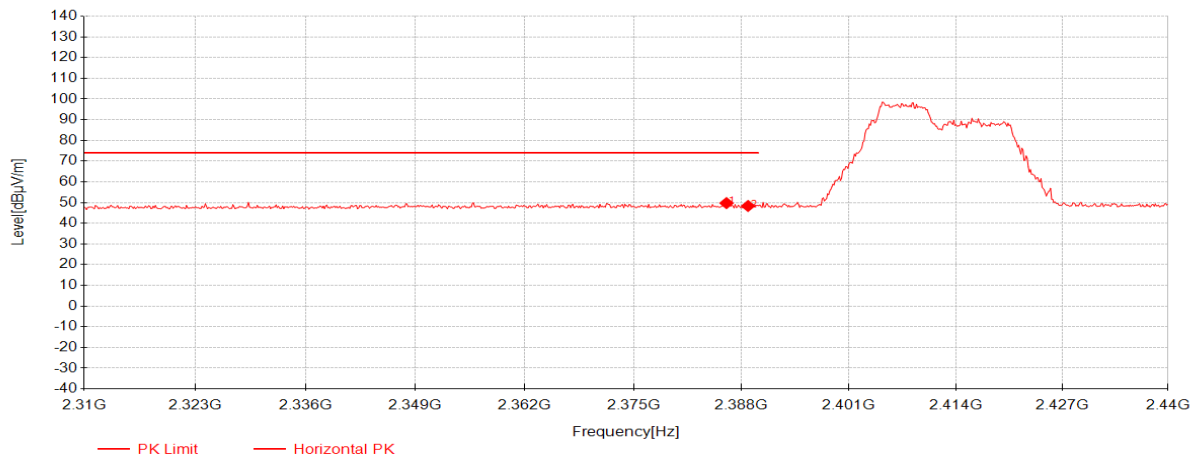
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2386.19	47.12	27.28	-24.82	49.58	74.00	24.42	Vertical
2	2484.8	62.85	27.56	-24.63	65.78	74.00	8.22	Vertical

11be(EHT40)_TX_CH_09_Vetical_Average



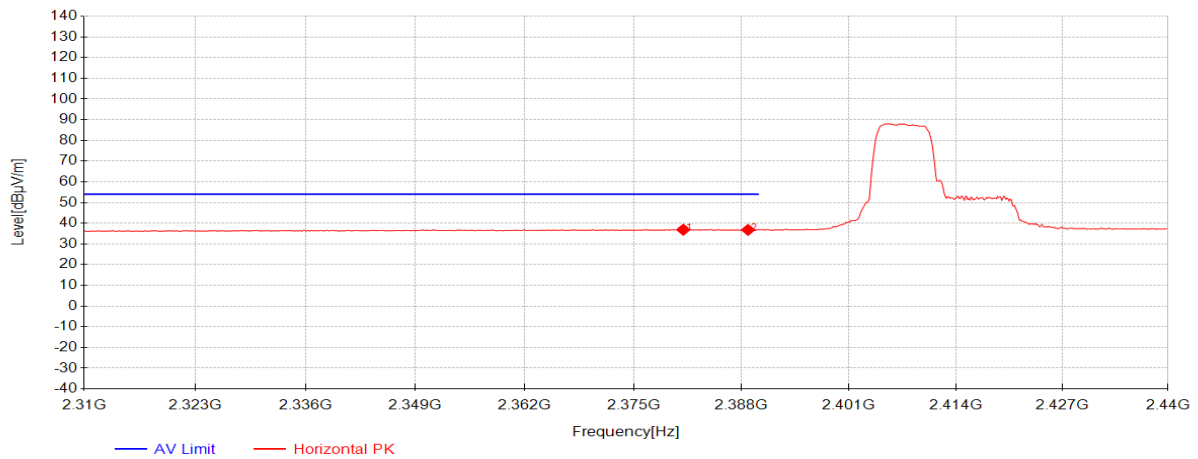
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.43	35.52	27.28	-24.82	37.98	54.00	16.02	Vertical
2	2485.18	43.67	27.56	-24.63	46.60	54.00	7.40	Vertical

11be(EHT20)_MRU_Small_Left_RU_(52+26)_TX_CH_01_Horizontal_Peak



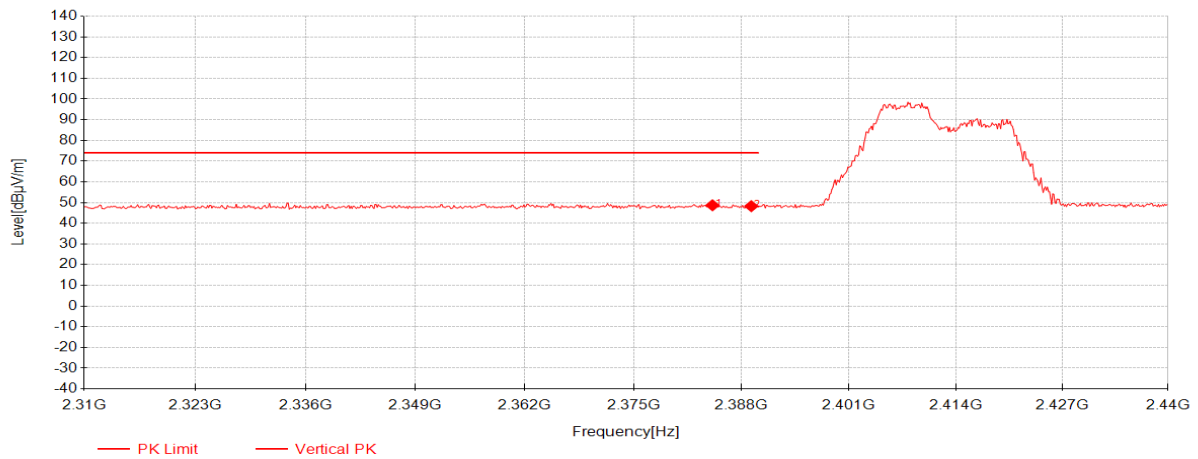
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2386.18	47.27	27.28	-24.82	49.73	74.00	24.27	Horizontal
2	2388.78	45.87	27.29	-24.82	48.34	74.00	25.66	Horizontal

11be(EHT20)_MRU_Small_Left_RU_(52+26)_TX_CH_01_Horizontal_Average



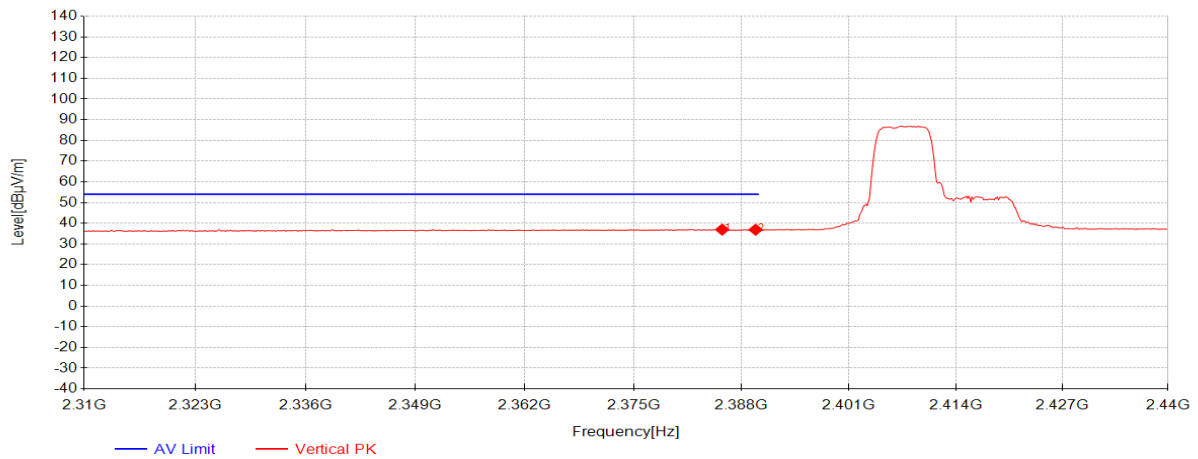
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2380.98	34.43	27.27	-24.82	36.87	54.00	17.13	Horizontal
2	2388.78	34.33	27.29	-24.82	36.80	54.00	17.20	Horizontal

11be(EHT20)_MRU_Small_Left_RU_(52+26)_TX_CH_01_Vertical_Peak



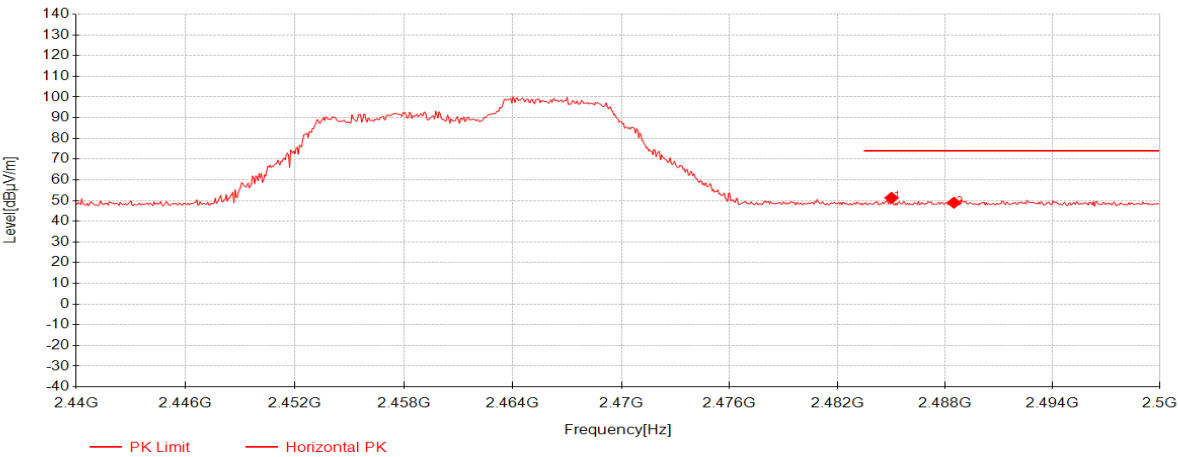
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2384.49	46.22	27.28	-24.82	48.68	74.00	25.32	Vertical
2	2389.17	45.77	27.29	-24.82	48.24	74.00	25.76	Vertical

11be(EHT20)_MRU_Small_Left_RU_(52+26)_TX_CH_01_Vetical_Average



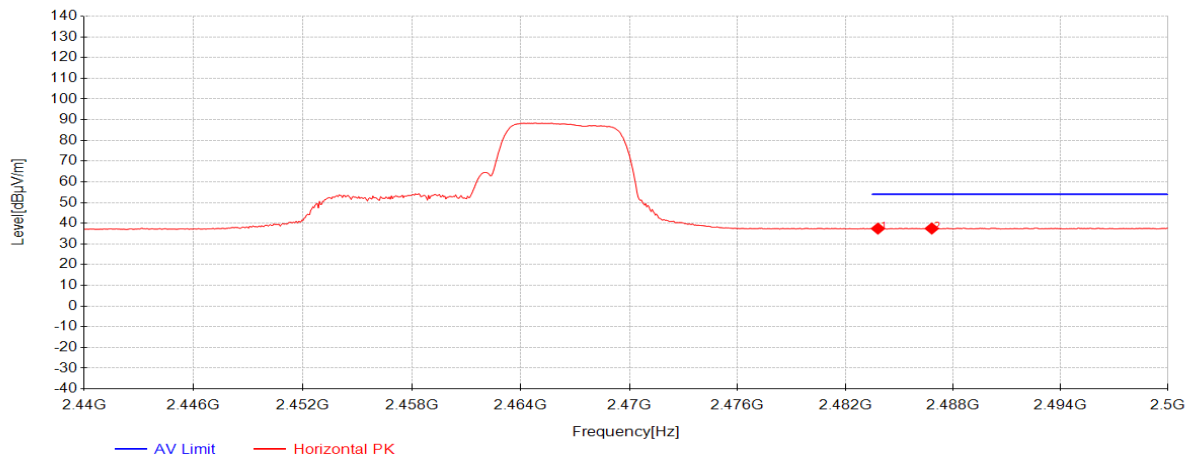
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.66	34.48	27.28	-24.82	36.94	54.00	17.06	Vertical
2	2389.69	34.41	27.29	-24.82	36.88	54.00	17.12	Vertical

11be(EHT20)_MRU_Small_Right_RU_(52+26)_TX_CH_11_Horizontal_Peak



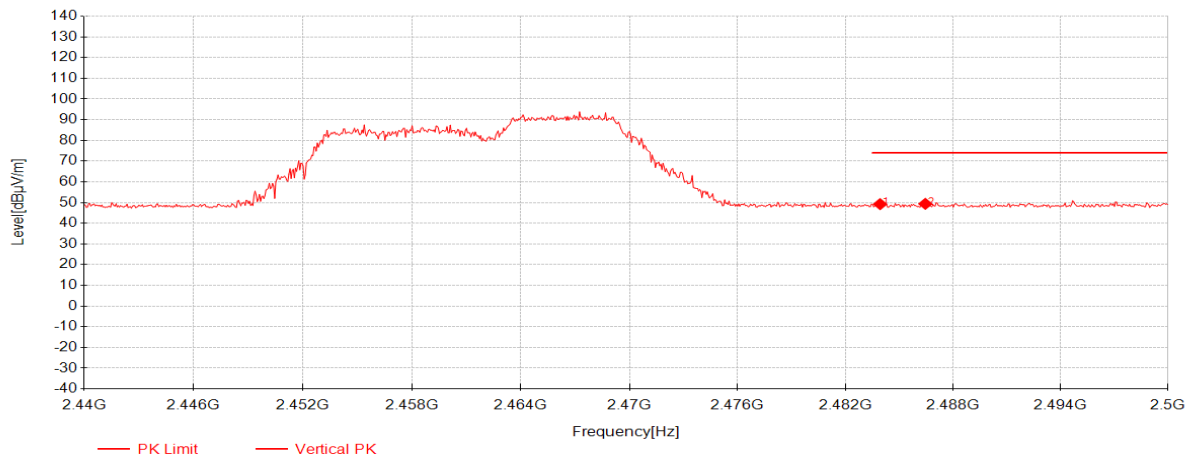
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2485	48.34	27.56	-24.63	51.27	74.00	22.73	Horizontal
2	2488.48	46.02	27.57	-24.62	48.96	74.00	25.04	Horizontal

11be(EHT20)_MRU_Small_Right_RU_(52+26)_TX_CH_11_Horizontal_Average



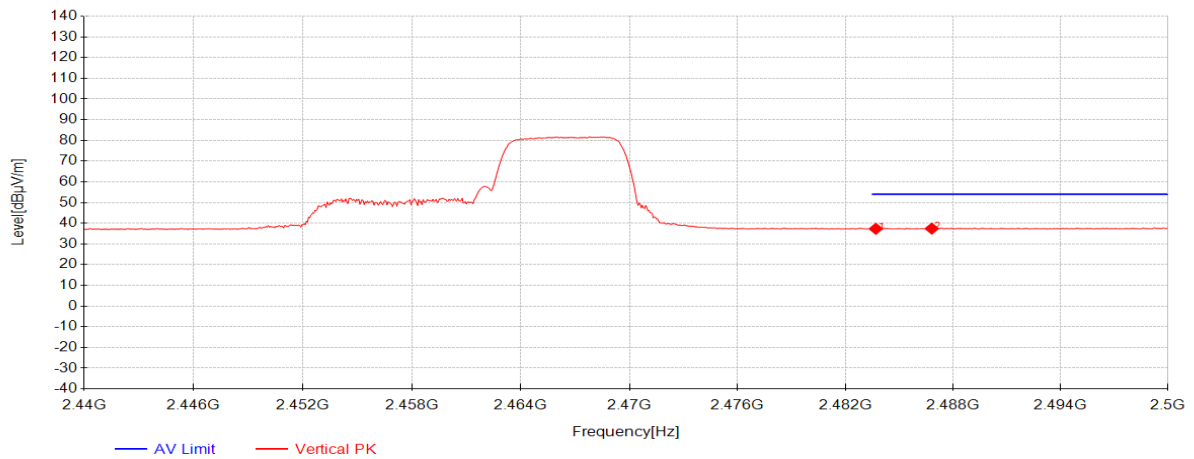
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.8	34.50	27.55	-24.63	37.42	54.00	16.58	Horizontal
2	2486.8	34.52	27.56	-24.63	37.46	54.00	16.54	Horizontal

11be(EHT20)_MRU_Small_Right_RU_(52+26)_TX_CH_11_Vertical_Peak



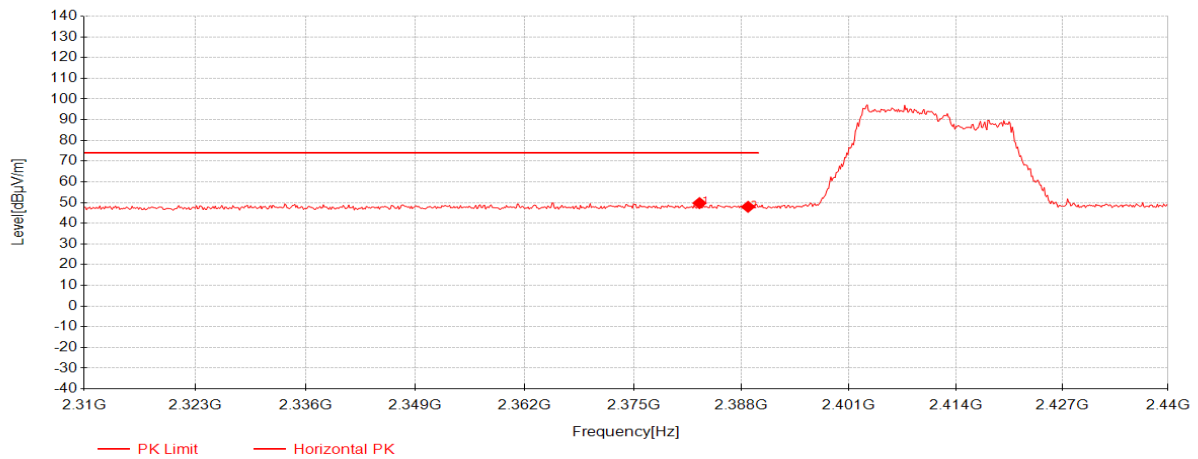
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.92	46.31	27.55	-24.63	49.23	74.00	24.77	Vertical
2	2486.44	46.45	27.56	-24.63	49.38	74.00	24.62	Vertical

11be(EHT20)_MRU_Small_Right_RU_(52+26)_TX_CH_11_Vertical_Average



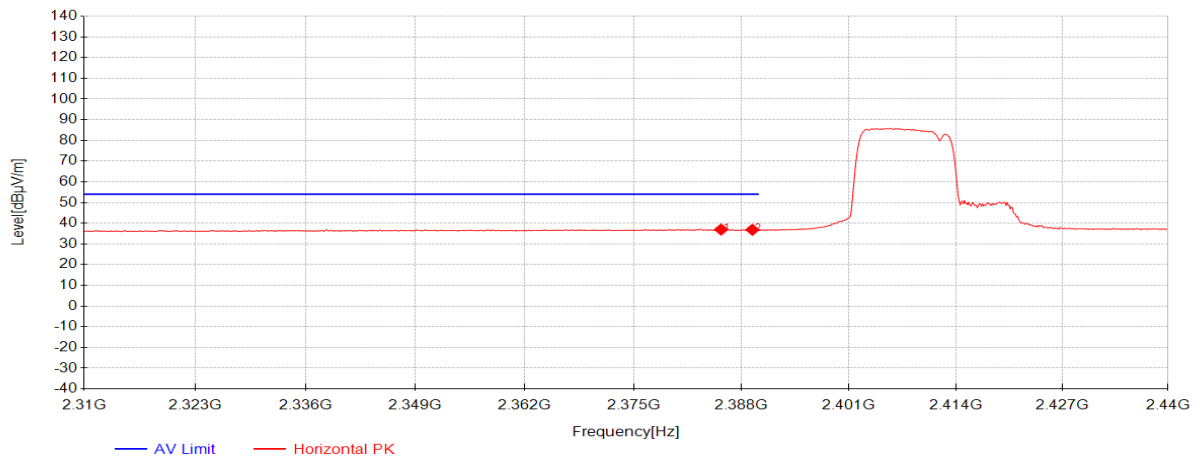
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.68	34.39	27.55	-24.63	37.31	54.00	16.69	Vertical
2	2486.8	34.48	27.56	-24.63	37.42	54.00	16.58	Vertical

11be(EHT20)_MRU_Small_Left_RU_(106+26)_TX_CH_01_Horizontal_Peak



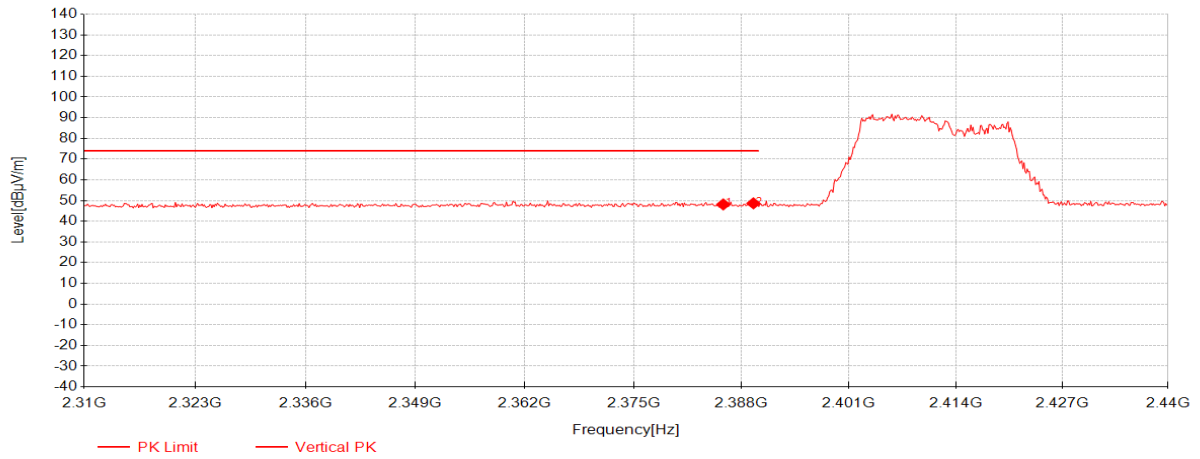
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2382.93	47.27	27.27	-24.82	49.72	74.00	24.28	Horizontal
2	2388.78	45.46	27.29	-24.82	47.93	74.00	26.07	Horizontal

11be(EHT20)_MRU_Small_Left_RU_(106+26)_TX_CH_01_Horizontal_Average



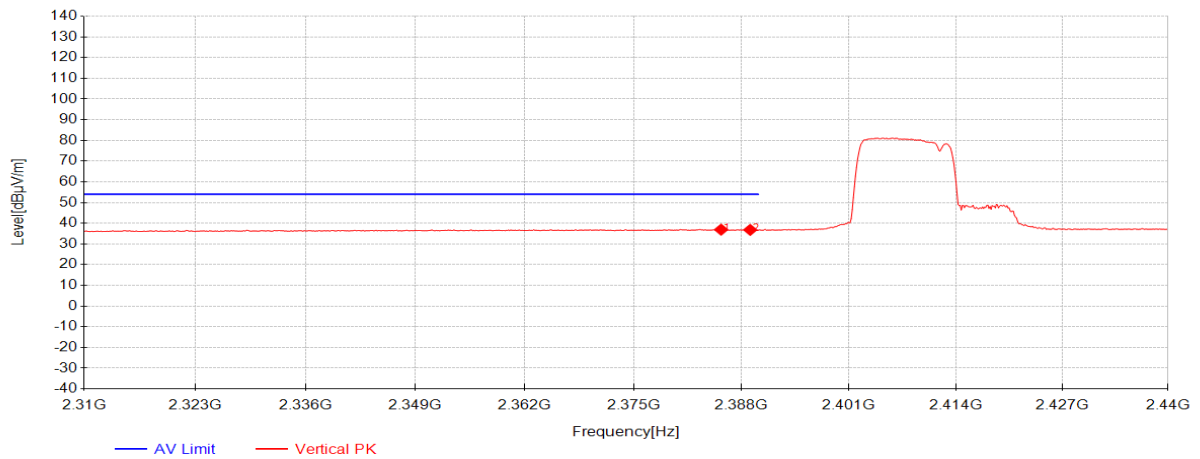
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.53	34.49	27.28	-24.82	36.95	54.00	17.05	Horizontal
2	2389.3	34.38	27.29	-24.82	36.85	54.00	17.15	Horizontal

11be(EHT20)_MRU_Small_Left_RU_(106+26)_TX_CH_01_Vertical_Peak



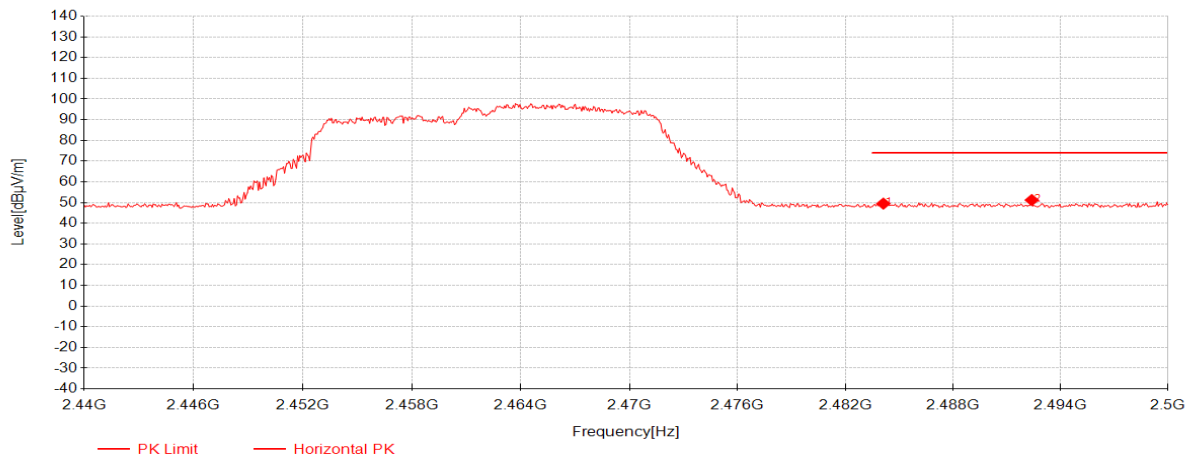
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.79	45.68	27.28	-24.82	48.14	74.00	25.86	Vertical
2	2389.43	46.17	27.29	-24.82	48.64	74.00	25.36	Vertical

11be(EHT20)_MRU_Small_Left_RU_(106+26)_TX_CH_01_Vertical_Average



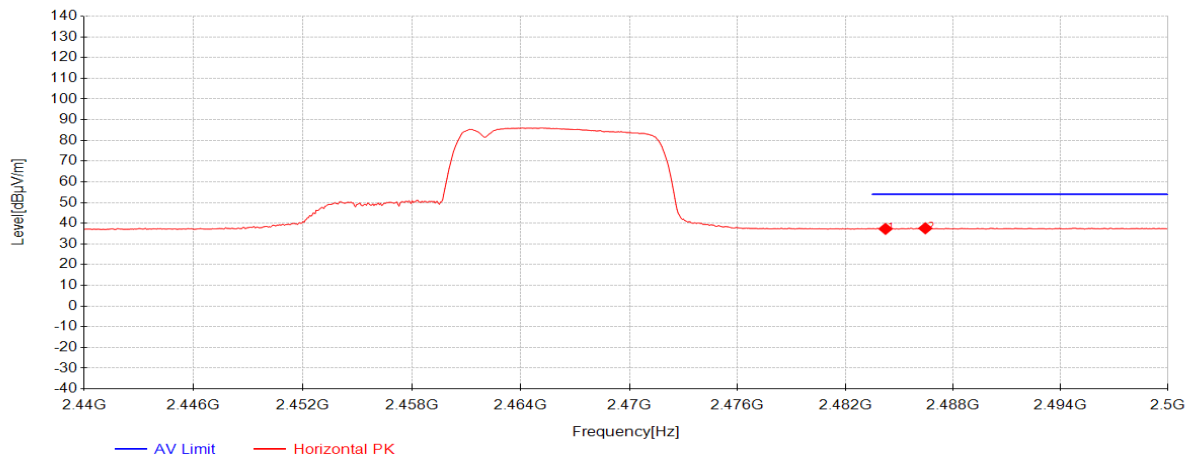
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.53	34.45	27.28	-24.82	36.91	54.00	17.09	Vertical
2	2389.04	34.32	27.29	-24.82	36.79	54.00	17.21	Vertical

11be(EHT20)_MRU_Small_Right_RU_(106+26)_TX_CH_11_Horizontal_Peak



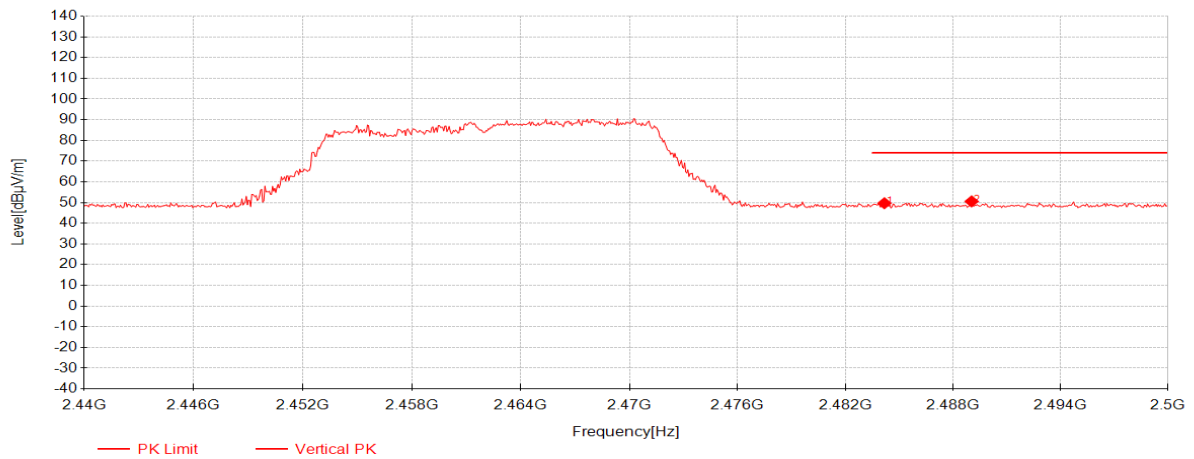
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.1	46.55	27.56	-24.63	49.47	74.00	24.53	Horizontal
2	2492.38	48.24	27.58	-24.62	51.20	74.00	22.80	Horizontal

11be(EHT20)_MRU_Small_Right_RU_(106+26)_TX_CH_11_Horizontal_Average



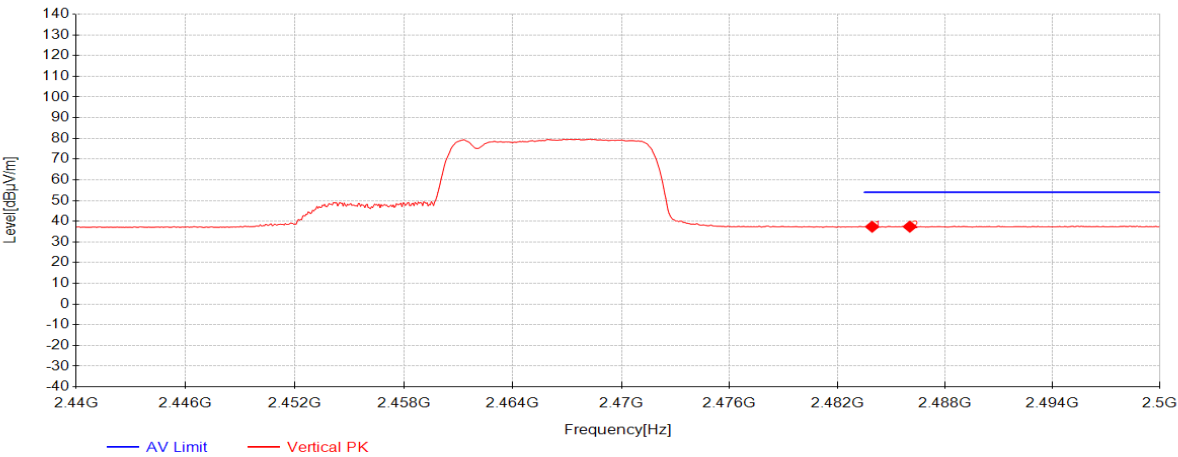
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.22	34.36	27.56	-24.63	37.28	54.00	16.72	Horizontal
2	2486.44	34.63	27.56	-24.63	37.56	54.00	16.44	Horizontal

11be(EHT20)_MRU_Small_Right_RU_(106+26)_TX_CH_11_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.16	46.75	27.56	-24.63	49.67	74.00	24.33	Vertical
2	2489.02	47.61	27.57	-24.62	50.56	74.00	23.44	Vertical

11be(EHT20)_MRU_Small_Right_RU_(106+26)_TX_CH_11_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.92	34.43	27.55	-24.63	37.35	54.00	16.65	Vertical
2	2486.02	34.45	27.56	-24.63	37.38	54.00	16.62	Vertical

7.3 Radiated Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

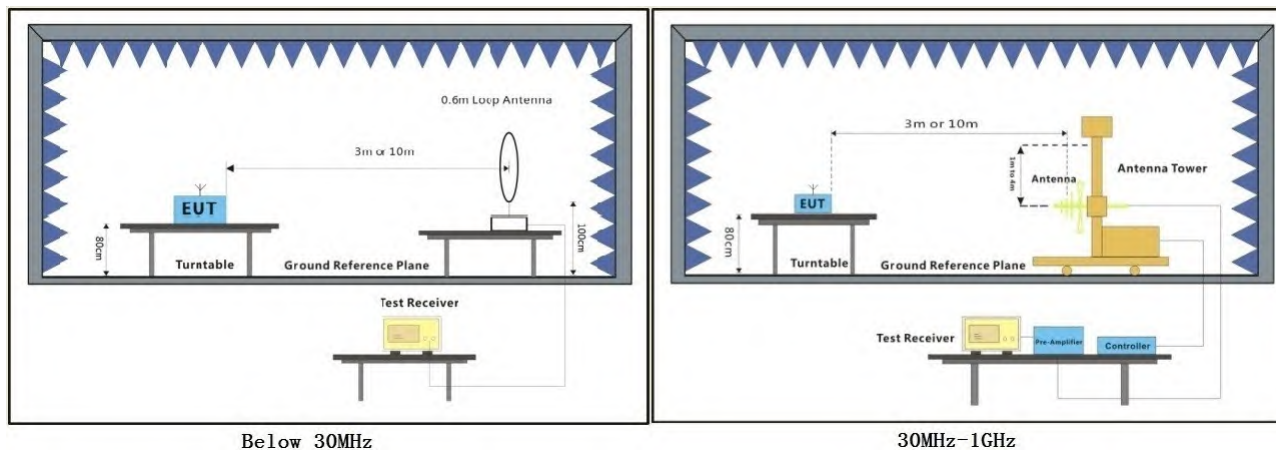
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(2.4G WIFI)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested. Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



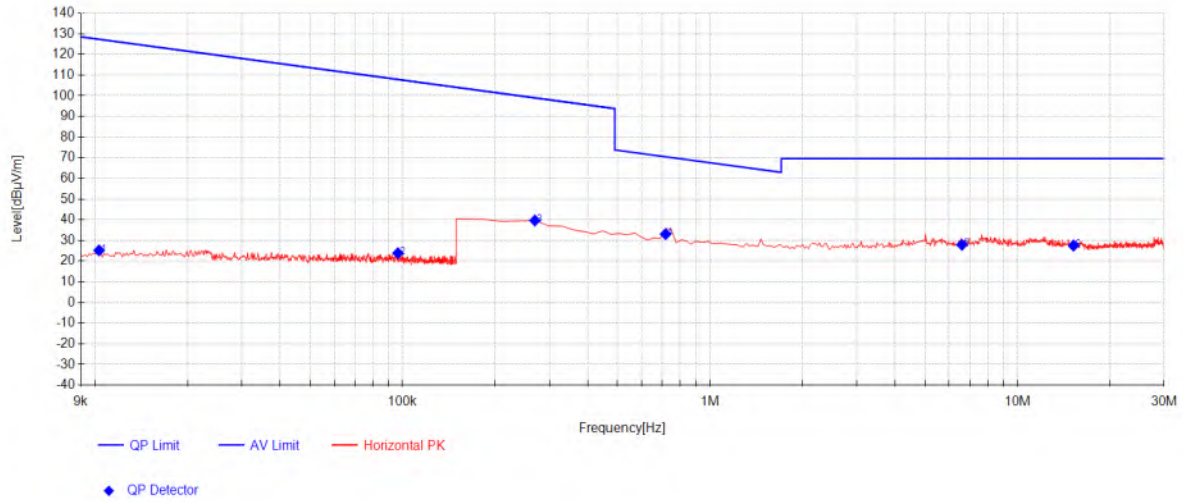
7.3.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is 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.
- d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

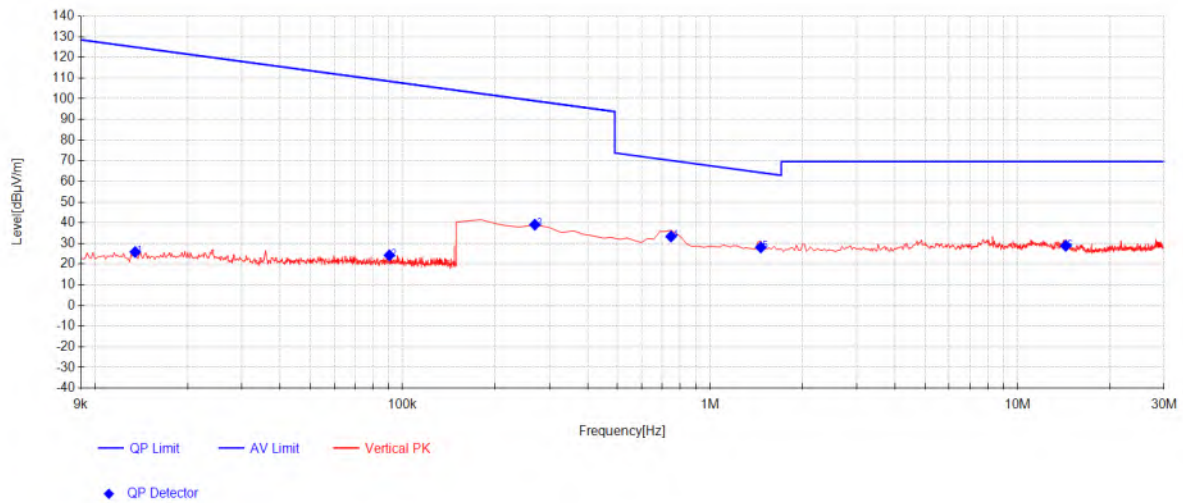
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emissions testing below 1 GHz, all channels were tested, and only the test data for the worst case is recorded in the report.

Test Mode: 00; Polarity: Coaxial



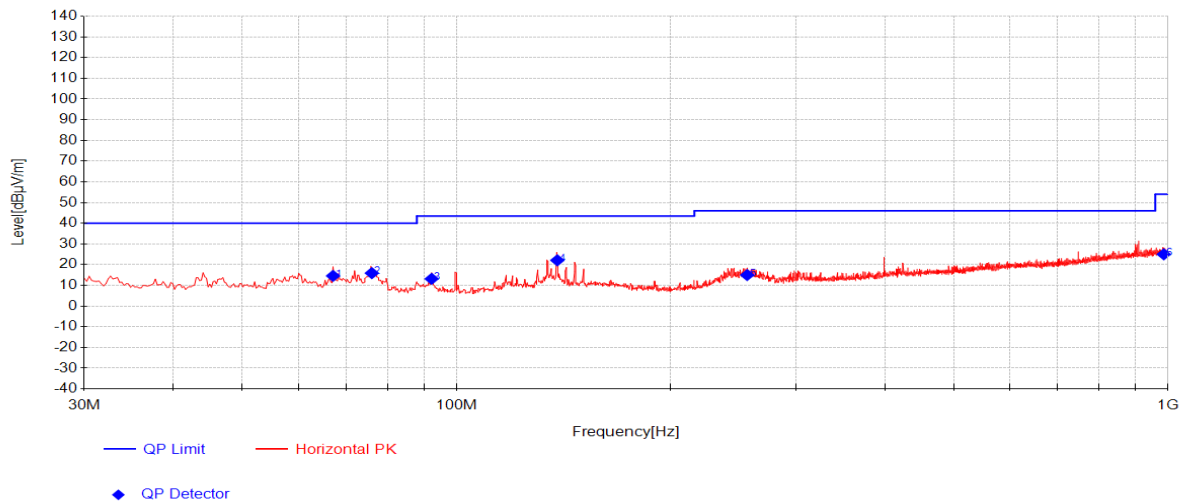
Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
4	0.7171	12.56	20.04	0.44	33.05	70.49	37.44	100	352	Coaxial
5	6.5976	7.06	20.28	0.56	27.90	69.54	41.64	100	195	Coaxial
6	15.2242	6.89	19.90	0.72	27.51	69.54	42.03	100	181	Coaxial
NO.	Frequency [MHz]	AV Reading [dBμV]	AF [dB/m]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	0.0103	5.08	19.70	0.43	25.21	127.34	102.13	100	178	Coaxial
2	0.0966	3.51	19.93	0.43	23.87	107.90	84.03	100	218	Coaxial
3	0.2694	19.29	19.93	0.43	39.66	98.99	59.33	100	44	Coaxial

Test Mode: 00; Polarity: Coplanar



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
4	0.747	12.87	20.05	0.44	33.36	70.14	36.78	100	200	Coplanar
5	1.4634	7.58	20.05	0.46	28.09	64.30	36.21	100	145	Coplanar
6	14.3586	8.19	19.96	0.70	28.86	69.54	40.68	100	292	Coplanar
NO.	Frequency [MHz]	AV Reading [dBμV]	AF [dB/m]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	0.0135	5.72	19.70	0.43	25.85	124.99	99.14	100	331	Coplanar
2	0.0906	3.93	19.90	0.43	24.26	108.46	84.20	100	304	Coplanar
3	0.2694	18.7	19.93	0.43	39.07	98.99	59.92	100	215	Coplanar

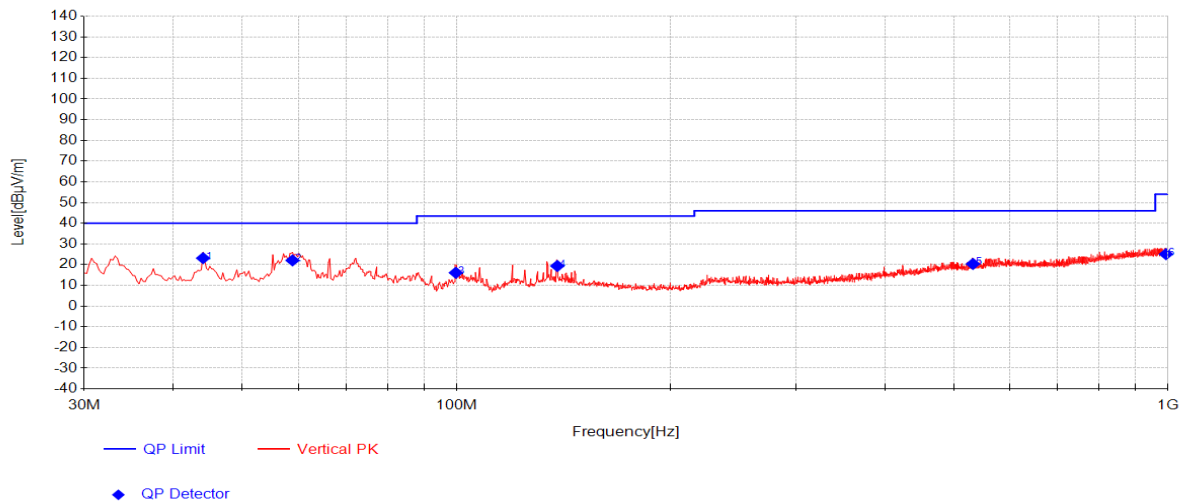
Test Mode: 00; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	67.1025	37.23	10.81	-33.46	14.58	40.00	25.42	166	15	Horizontal
2	76.075	39.63	9.65	-33.37	15.91	40.00	24.09	152	322	Horizontal
3	92.3225	37.42	8.97	-33.23	13.16	43.50	30.34	147	165	Horizontal
4	138.64	42.25	12.62	-32.78	22.09	43.50	21.41	123	233	Horizontal
5	256.2525	35.17	11.74	-31.92	14.99	46.00	31.01	174	317	Horizontal
6	986.6625	28.54	24.39	-27.93	25.00	54.00	29.00	163	181	Horizontal

Test Mode: 00; Polarity: Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.065	43.61	13.32	-33.79	23.14	40.00	16.86	136	91	Vertical
2	58.8575	43.17	12.44	-33.57	22.04	40.00	17.96	174	341	Vertical
3	99.84	40.01	9.20	-33.13	16.08	43.50	27.42	123	211	Vertical
4	138.64	39.53	12.62	-32.78	19.37	43.50	24.13	144	96	Vertical
5	531.975	32.51	18.17	-30.33	20.35	46.00	25.65	124	8	Vertical
6	993.9375	28.49	24.45	-27.87	25.07	54.00	28.93	169	0	Vertical

7.4 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2020) Section 6.6

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1000	500	3

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

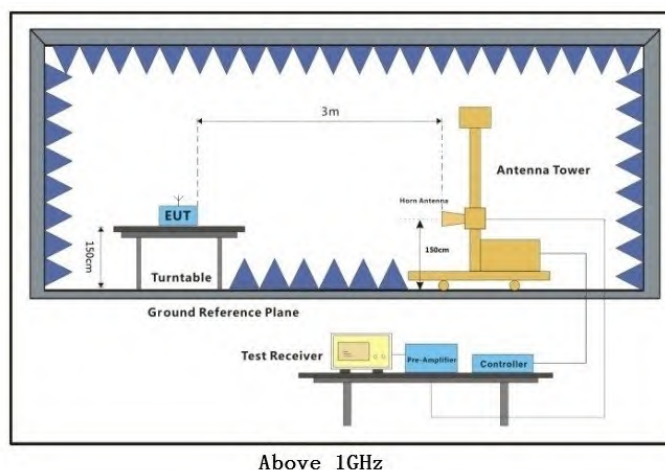
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(2.4G WIFI)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested. Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



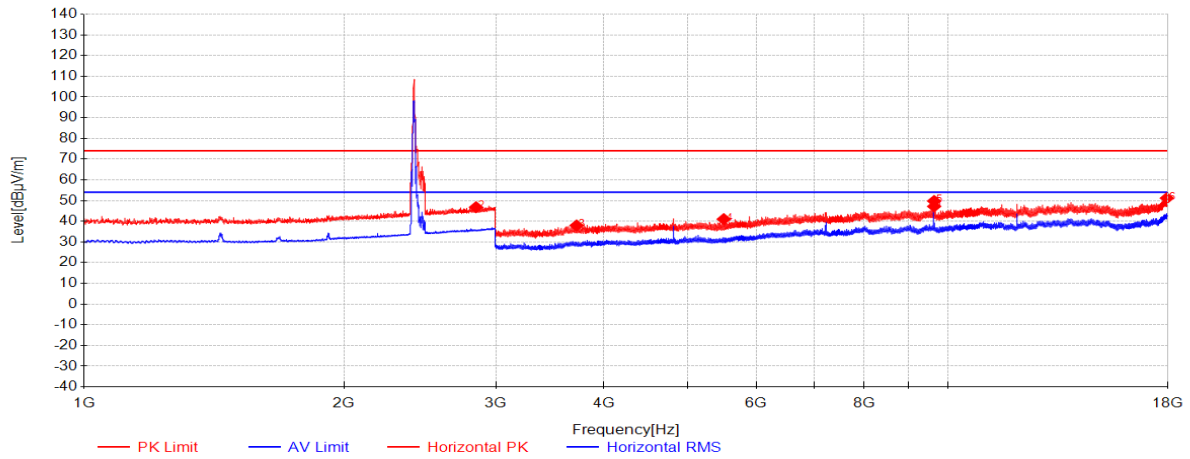
7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is 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.
- d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.
- 3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
- 4:For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle<98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
- 5.For emissions testing above 18 GHz, all channels were tested, and only the test data for the worst case is recorded in the report.

11b_TX_CH_01_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9648.375	47.28	38.06	-38.16	47.18	54.00	6.82	Horizontal
2	2843	41.67	28.97	-23.86	46.78	74.00	27.22	Horizontal
3	3717.75	53.20	30.08	-45.35	37.94	74.00	36.06	Horizontal
4	5505	52.47	33.02	-44.47	41.01	74.00	32.99	Horizontal
5	9648	49.88	38.06	-38.16	49.78	74.00	24.22	Horizontal
6	17948.625	40.68	41.55	-31.07	51.16	74.00	22.84	Horizontal