

TEST REPORT

Application No.: SUCR2602000119TL
Applicant: Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Manufacturer: Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Equipment Under Test (EUT):
EUT Name: Wireless Data Terminal
Model No.: TF41A
Trade Mark: SUNMI
FCC ID: 2AH25M3WN
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-02-04
Date of Test: 2026-02-28 to 2026-03-05
Date of Issue: 2026-03-09

Test Result:
Pass*

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

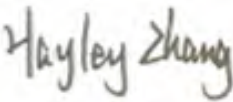
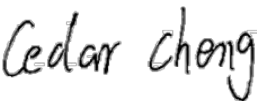
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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Revision Record			
Version	Description	Date	Remark
01	Original	2026-03-09	/

Authorized for issue by:				
Tested By				
		Hayley Zhang/Project Engineer		
Approved By				
		Cedar Cheng /Reviewer		



2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10-2020/Cor1-2023 Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020/Cor1-2023 Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10-2020/Cor1-2023 Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10-2020/Cor1-2023 Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
In-Band Emissions		ANSI C63.10-2020/Cor1-2023 Section 12.6	47 CFR Part 15, Subpart E 15.407 (b)	Pass
Contention Based Protocol		KDB 987594 D02 Section II.I.	47 CFR Part 15, Subpart E 15.407 (d)(6)	Pass
Duty Cycle		ANSI C63.10-2020/Cor1-2023 Section 12.2	ANSI C63.10-2020/Cor1-2023 Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020/Cor1-2023 Section 12.5.3	ANSI C63.10-2020/Cor1-2023 Section 12.5.3	Pass
26dB Emission Bandwidth		ANSI C63.10-2020/Cor1-2023 Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Maximum Conducted Output Power		ANSI C63.10-2020/Cor1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10-2020/Cor1-2023 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass

Remark:

This test report (Report No.: SUCR260200011907 issue on 2026-03-09) is based on the original test report (Report No.: SUCR251100108009 issue on December 5, 2025).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report WIFI 6E UNII-5/7, Contention Based Protocol, AC power line conducted emission and Radiated Spurious Emissions were fully tested in this report, and other items data please refer to the previous report with report number SUCR251100108009 issue on December 5, 2025.

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4 General Information

4.1 Details of E.U.T.

Power supply:	Adapter1: CK18W02U Input: AC100-240V 50/60Hz 0.5A Output: DC5V3A/9V2A/12V1.5A Adapter2: TD-661G120167UF01 Input: AC100-240V 50/60Hz 0.6A Output: DC5V3A/9V2.22A/12V1.67A
Operation Frequency:	5925-6425MHz; 6425-6525MHz; 6525-6875MHz; 6875-7125MHz
Modulation Type:	OFDM/OFDMA
FCC Classification:	6GHz Low Power Indoor Client (6XD)
Antenna Type:	FPC Antenna
Antenna Gain:	UNII-5:5.81dBi(Ant2); -3.37dBi(Ant3); UNII-6:3.44dBi(Ant2); -3.87dBi(Ant3); UNII-7:3.24dBi(Ant2); -3.87dBi(Ant3); UNII-8:-0.39dBi(Ant2); -5.54dBi(Ant3)
Smart System:	MIMO: 802.11ax20/40/80: 2Tx & 2Rx

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	43-59%	
Value	Temperature(°C)	Voltage(V)
NTNV	21.6-23	3.87
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.
--	--	--	--
The EUT has been tested as an independent unit.			



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	$\pm 1.56\text{dB}$ (9KHz-30MHz)
		$\pm 4.80\text{dB}$ (30MHz-1GHz)
		$\pm 4.80\text{dB}$ (1GHz-18GHz)
		$\pm 4.80\text{dB}$ (18GHz-40GHz)
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



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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	1/14/2026	1/13/2027
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	N.C.R	N.C.R
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
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	1/14/2026	1/13/2027
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	1/14/2026	1/13/2027
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	1/14/2026	1/13/2027
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/11/2026	2/10/2027
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	NCR	NCR
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	1/14/2026	1/13/2027
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	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
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-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027



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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	1/14/2026	1/13/2027
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/11/2026	2/10/2027
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	NCR	NCR

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

6.1.2 6.1.2 Conclusion

15.203 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.

EUT Antenna:

The antenna is FPC Antenna and no consideration of replacement. The best case gain of the

UNII-5: 5.81dBi(Ant2); -3.37dBi(Ant3);

UNII-6: 3.44dBi(Ant2); -3.87dBi(Ant3);

UNII-7: 3.24dBi(Ant2); -3.87dBi(Ant3);

UNII-8: -0.39dBi(Ant2); -5.54dBi(Ant3)

Antenna location: Refer to internal photo.

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,
 $Array\ Gain = 10 \log(N_{ANT}/N_{SS}=1) \text{ dB}$.
- For power measurements on IEEE 802.11 devices:
 $Array\ Gain = 0 \text{ dB}$ (i.e., no array gain) for $N_{ANT} \leq 4$;

For power, the 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.

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

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 Unequal antenna gain:

Operation Frequency	ANT2 Gain (dBi)	ANT3 Gain (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
UNII-5	5.81	-3.37	5.81	5.39	0.00	0.00
UNII-6	3.44	-3.87	3.44	3.54	0.00	0.00
UNII-7	3.24	-3.87	3.24	3.40	0.00	0.00
UNII-8	-0.39	-5.54	-0.39	0.42	0.00	0.00

UNII-5:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

UNII-6:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

UNII-7:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

UNII-8:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =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 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	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.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

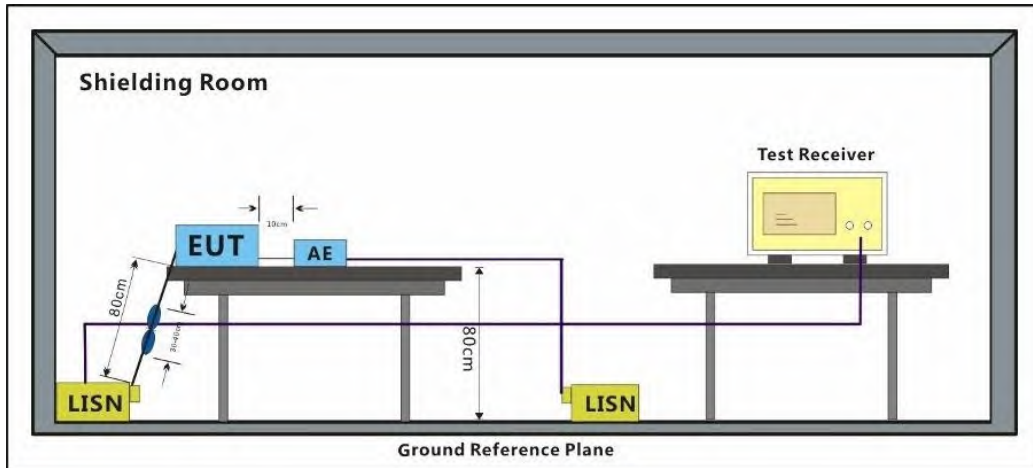
Humidity: 43 % RH

Atmospheric Pressure: 1023 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



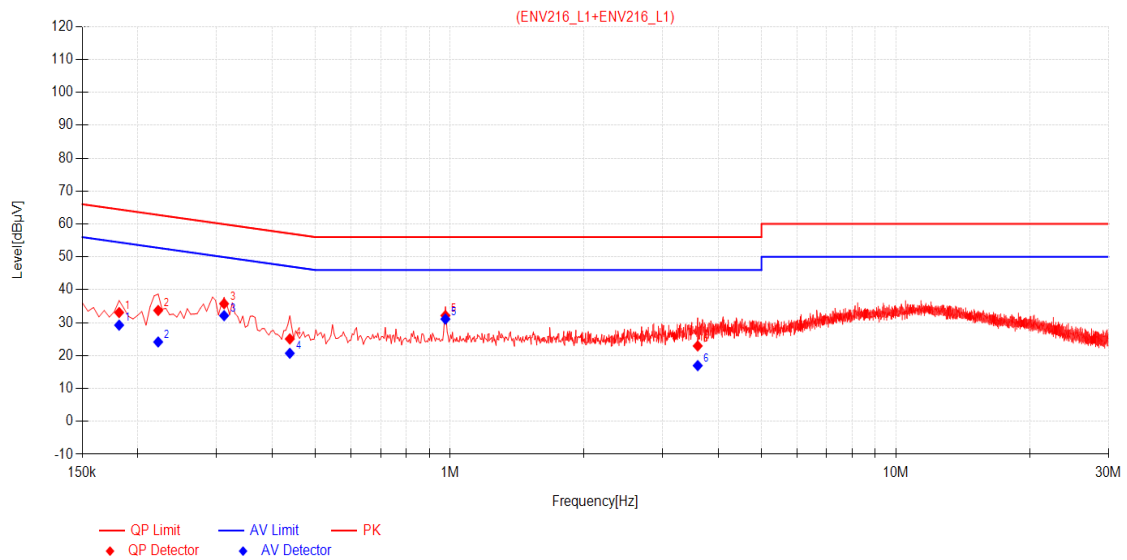
7.1.4 Measurement Procedure and Data

- 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 + 50hm 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 1: Level=Read Level+ Cable Loss+ LISN Factor

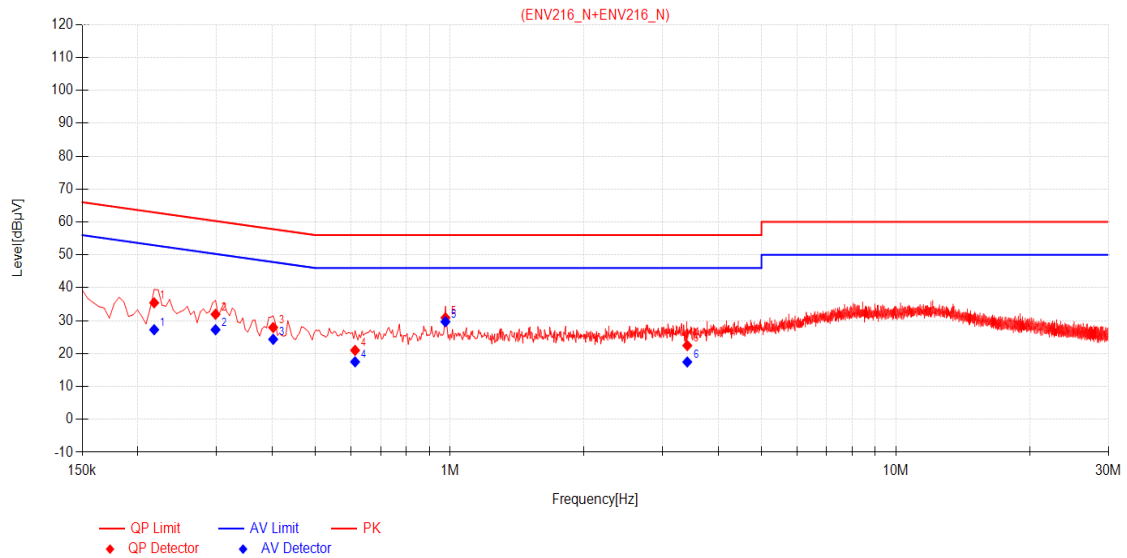
Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

Test Mode: 07; 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	0.1815	9.97	23.11	33.08	64.42	31.34	19.28	29.25	54.42	25.17	PASS
2	0.2220	9.98	23.73	33.71	62.74	29.03	14.16	24.14	52.74	28.60	PASS
3	0.3120	9.96	25.79	35.75	59.92	24.17	22.18	32.14	49.92	17.78	PASS
4	0.4380	9.95	15.11	25.06	57.10	32.04	10.74	20.69	47.10	26.41	PASS
5	0.9780	9.90	22.26	32.16	56.00	23.84	21.19	31.09	46.00	14.91	PASS
6	3.5970	9.90	13.03	22.93	56.00	33.07	7.05	16.95	46.00	29.05	PASS

Test Mode: 07; 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	0.2175	9.97	25.46	35.43	62.91	27.48	17.28	27.25	52.91	25.66	PASS
2	0.2985	9.95	21.99	31.94	60.28	28.34	17.30	27.25	50.28	23.03	PASS
3	0.4020	9.94	17.98	27.92	57.81	29.89	14.40	24.34	47.81	23.47	PASS
4	0.6135	9.92	11.06	20.98	56.00	35.02	7.58	17.50	46.00	28.50	PASS
5	0.9780	9.90	20.98	30.88	56.00	25.12	19.77	29.67	46.00	16.33	PASS
6	3.4080	10.40	12.04	22.44	56.00	33.56	7.04	17.44	46.00	28.56	PASS

7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.4,6.5

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

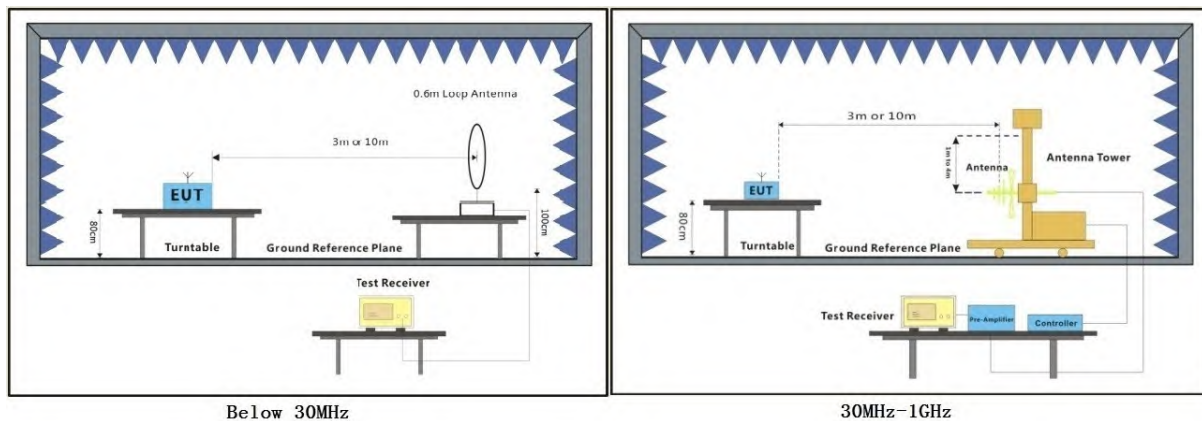
Humidity: 43 % RH

Atmospheric Pressure: 1023 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



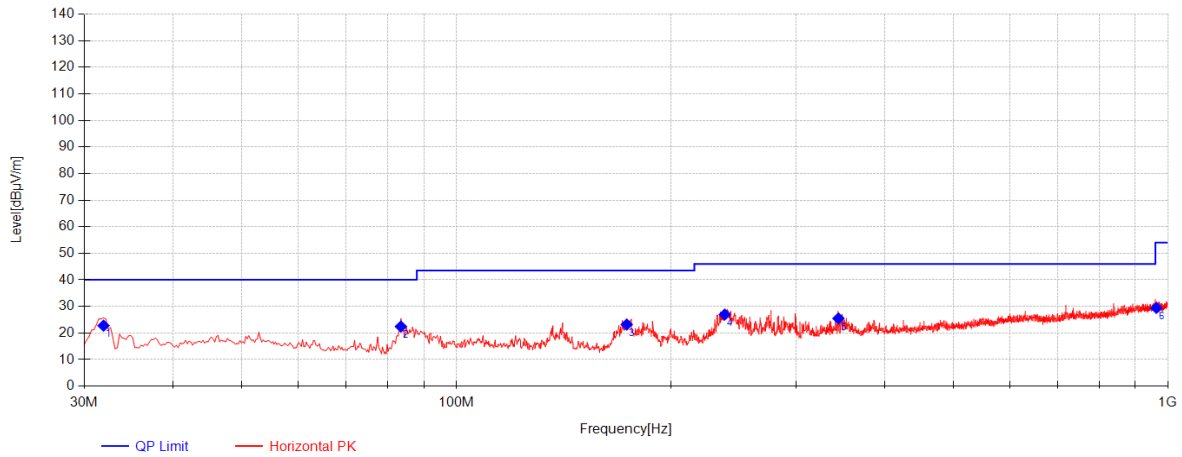
7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- c. The antenna height is varied from 1m to 4m 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 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) 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:

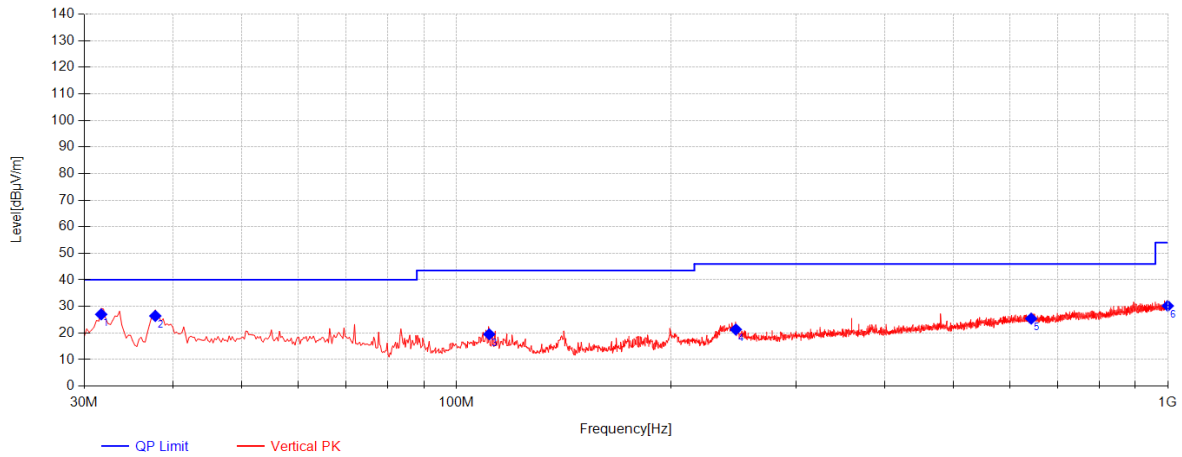
1. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Test Mode: 07; 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	31.94	47.1	17.01	-41.35	22.76	40.00	17.24	176	6	Horizontal
2	83.5925	48.38	14.58	-40.53	22.43	40.00	17.57	182	152	Horizontal
3	173.56	46.94	15.72	-39.46	23.20	43.50	20.30	149	271	Horizontal
4	238.3075	47.35	18.36	-38.78	26.93	46.00	19.07	168	261	Horizontal
5	344.28	43.31	20.09	-37.91	25.49	46.00	20.51	123	208	Horizontal
6	963.14	35.68	27.66	-33.90	29.44	54.00	24.56	165	259	Horizontal

Test Mode: 07; 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	31.6975	51.35	17.03	-41.36	27.02	40.00	12.98	137	195	Vertical
2	37.76	49.18	18.48	-41.23	26.43	40.00	13.57	106	124	Vertical
3	111.2375	41.52	18.13	-40.13	19.52	43.50	23.98	145	124	Vertical
4	247.0375	41.25	18.70	-38.63	21.32	46.00	24.68	184	101	Vertical
5	642.3125	36.35	25.04	-35.99	25.40	46.00	20.60	167	34	Vertical
6	999.2725	35.79	28.10	-33.69	30.20	54.00	23.80	197	266	Vertical

7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.6 & 12.7

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

*(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 in the 5.725-5.85 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.

Remark:

1. 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 1000MHz. 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.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(1/3) = -9.54\text{dB}$ (for 1m test distance).

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

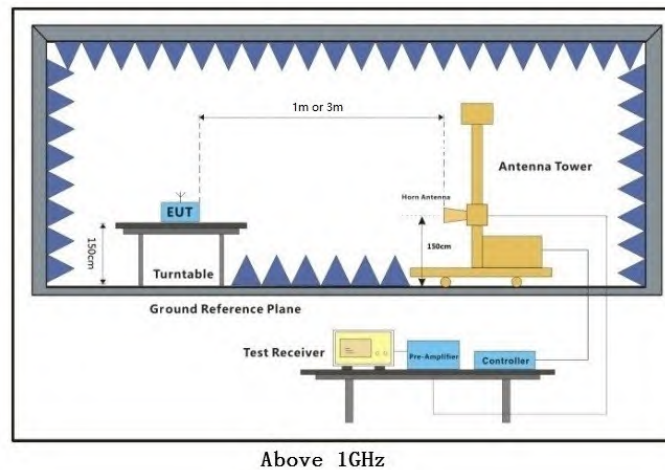
Humidity: 43 % RH

Atmospheric Pressure: 1023 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



Above 1GHz

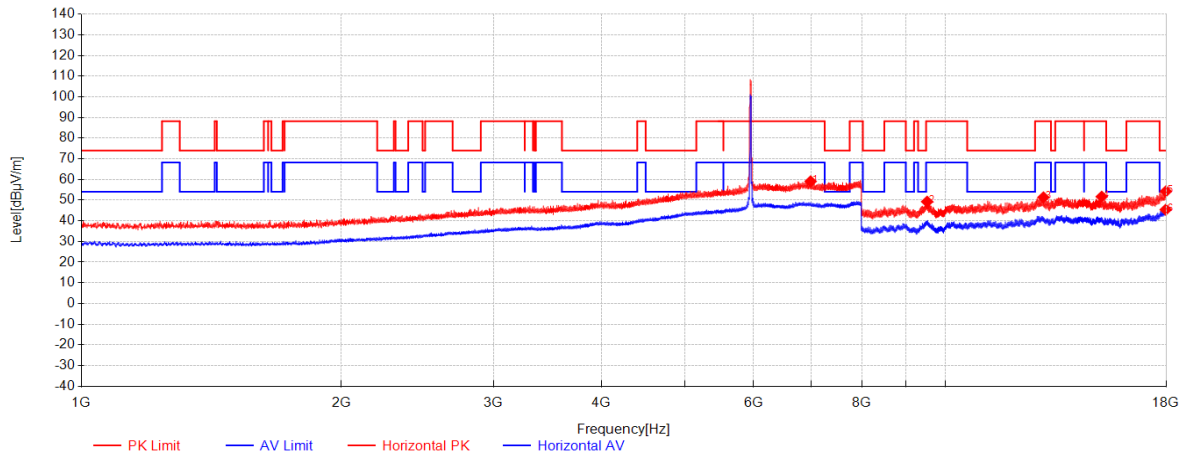
7.3.4 Measurement Procedure and Data

- 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 fully-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:

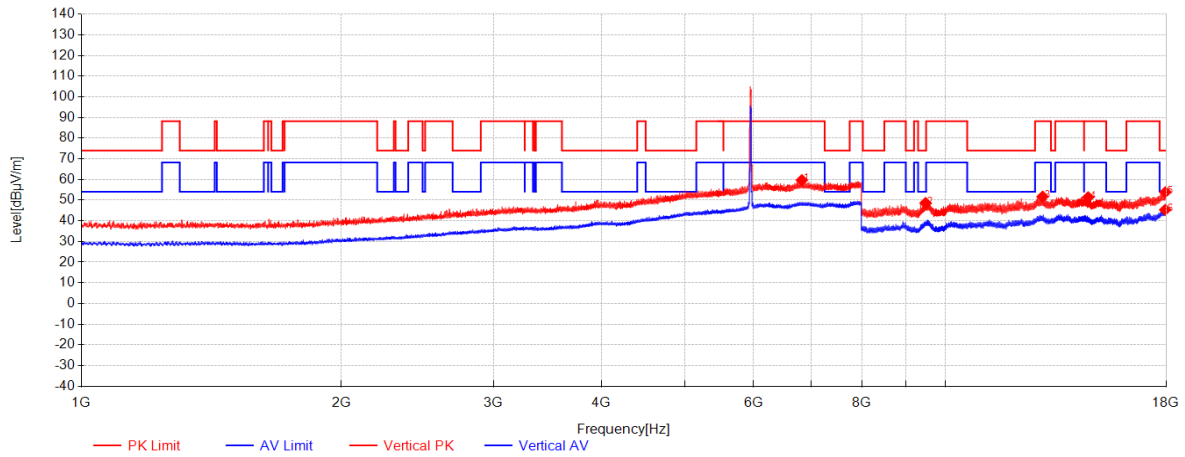
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. 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. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. 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.
7. 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.

11ax(HE20)_TX_CH_001_Horizontal



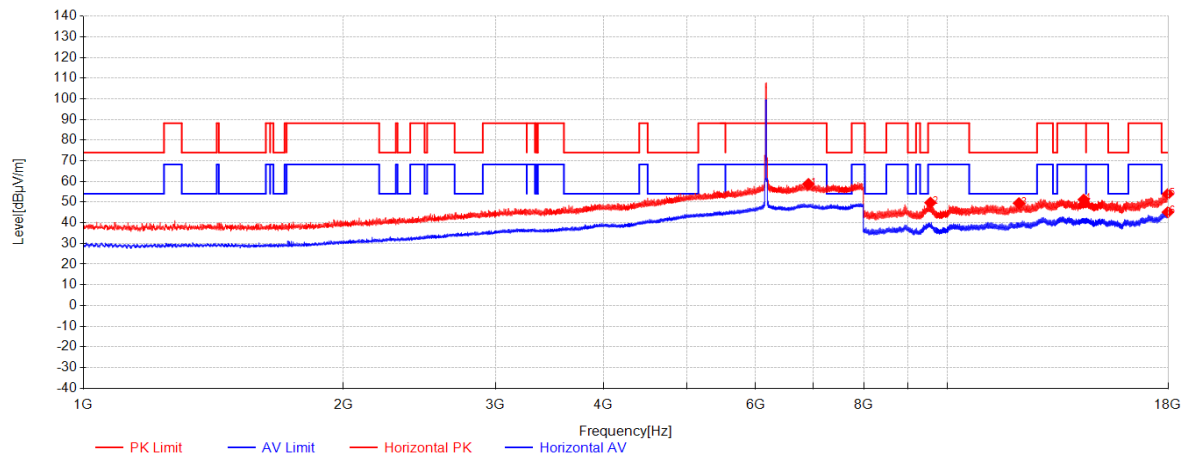
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6983.25	40.11	36.27	-17.29	59.09	88.20	29.11	Horizontal
2	9525	49.31	38.05	-38.10	49.26	88.20	38.94	Horizontal
3	12986.6667	46.32	39.88	-34.85	51.35	88.20	36.85	Horizontal
4	15167.6667	45.66	39.50	-33.48	51.68	88.20	36.52	Horizontal
5	17993.3333	43.30	41.68	-30.74	54.24	74.00	19.76	Horizontal
6	17988	34.47	41.67	-30.76	45.38	54.00	8.62	Horizontal

11ax(HE20)_TX_CH_001_Vertical



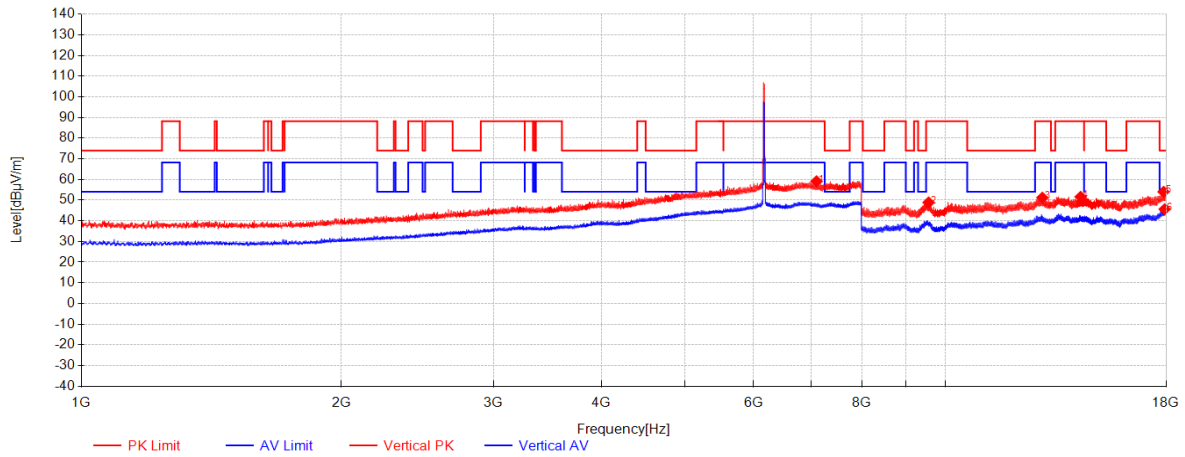
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6822.25	40.78	36.02	-17.12	59.68	88.20	28.52	Vertical
2	9486	48.80	38.05	-38.21	48.64	74.00	25.36	Vertical
3	12959	46.72	39.85	-34.85	51.72	88.20	36.48	Vertical
4	14629	45.44	40.02	-34.04	51.42	88.20	36.78	Vertical
5	17974.6667	43.05	41.63	-30.80	53.88	74.00	20.12	Vertical
6	17964.6667	34.57	41.60	-30.83	45.33	54.00	8.67	Vertical

11ax(HE20)_TX_CH_045_Horizontal



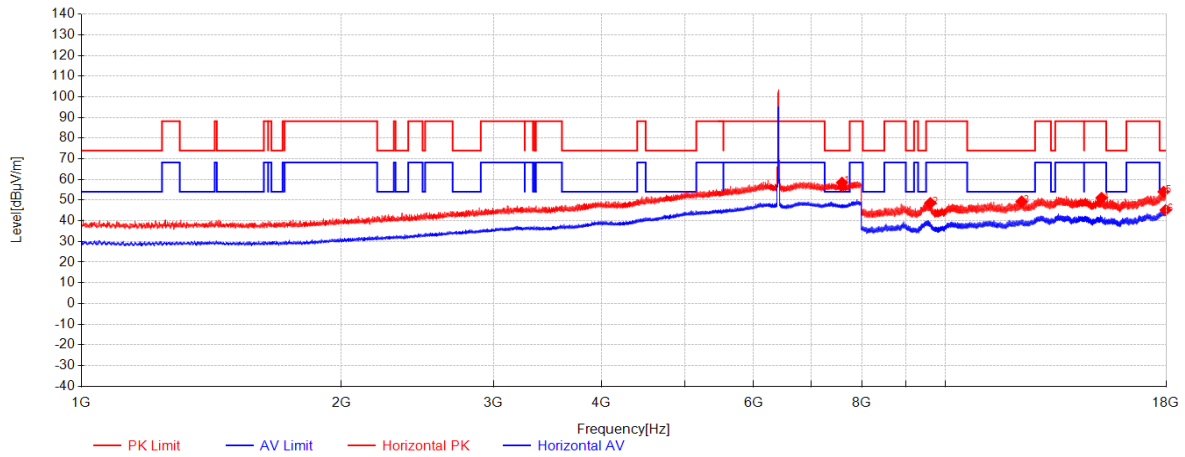
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6905.8125	40.02	36.15	-17.39	58.78	88.20	29.42	Horizontal
2	9559	49.65	38.06	-37.98	49.73	88.20	38.47	Horizontal
3	12101.3333	45.57	38.82	-34.91	49.48	74.00	24.52	Horizontal
4	14380	44.93	40.17	-33.89	51.21	88.20	36.99	Horizontal
5	17994.6667	42.95	41.68	-30.74	53.90	74.00	20.10	Horizontal
6	17995	34.20	41.69	-30.74	45.15	54.00	8.85	Horizontal

11ax(HE20)_TX_CH_045_Verical



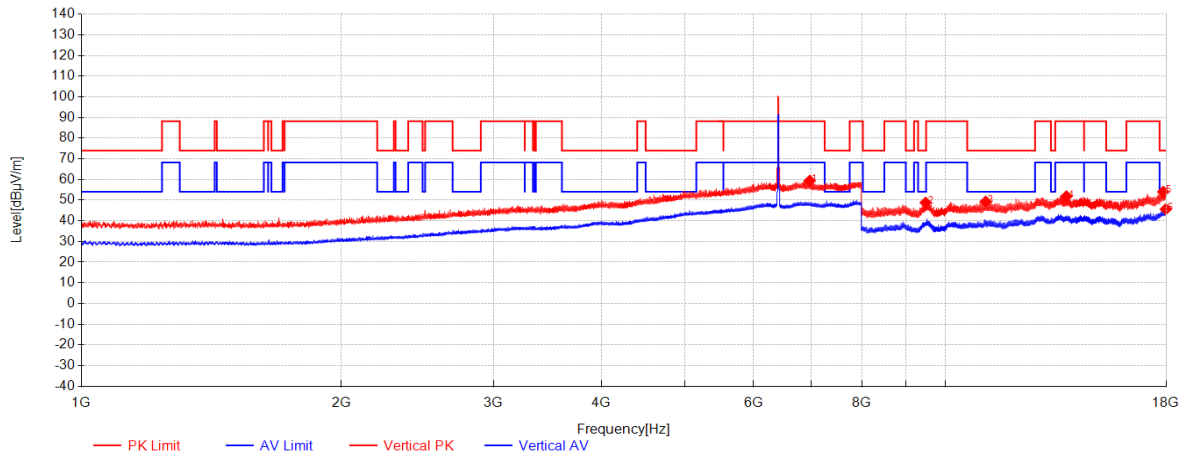
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7093.0625	40.13	36.30	-17.31	59.12	88.20	29.08	Vertical
2	9562.6667	48.78	38.06	-37.96	48.87	88.20	39.33	Vertical
3	12949.3333	46.19	39.84	-34.85	51.18	88.20	37.02	Vertical
4	14339.3333	45.58	40.20	-34.20	51.58	88.20	36.62	Vertical
5	17886.3333	43.60	41.37	-30.94	54.03	74.00	19.97	Vertical
6	17938.3333	35.02	41.52	-30.92	45.62	54.00	8.38	Vertical

11ax(HE20)_TX_CH_093_Horizontal



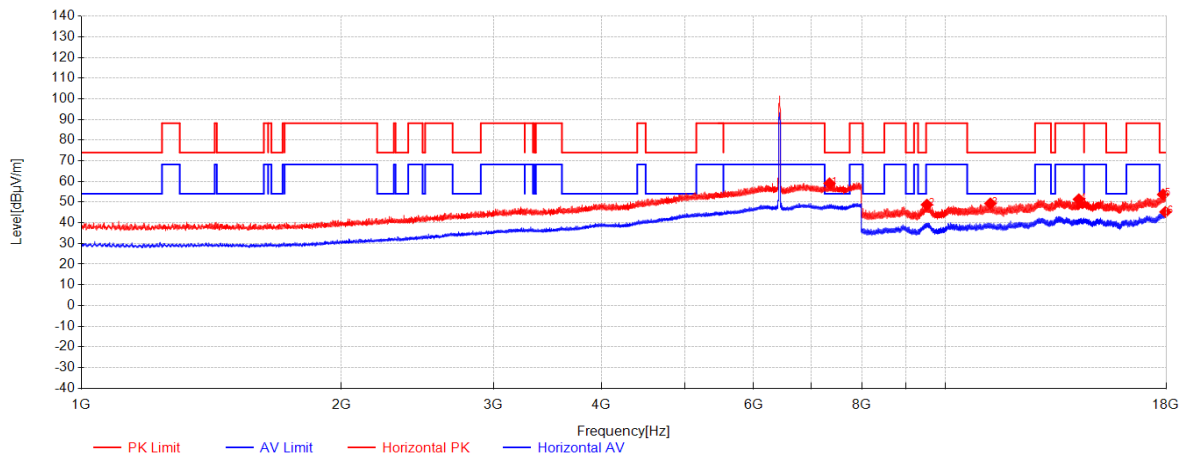
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7592.6875	40.38	36.49	-18.41	58.45	74.00	15.55	Horizontal
2	9607.6667	48.36	38.06	-37.81	48.61	88.20	39.59	Horizontal
3	12252.6667	45.01	39.00	-34.66	49.36	74.00	24.64	Horizontal
4	15162.3333	45.09	39.51	-33.51	51.09	88.20	37.11	Horizontal
5	17887.3333	43.62	41.37	-30.95	54.04	74.00	19.96	Horizontal
6	17986.3333	34.33	41.66	-30.76	45.23	54.00	8.77	Horizontal

11ax(HE20)_TX_CH_093_Verical



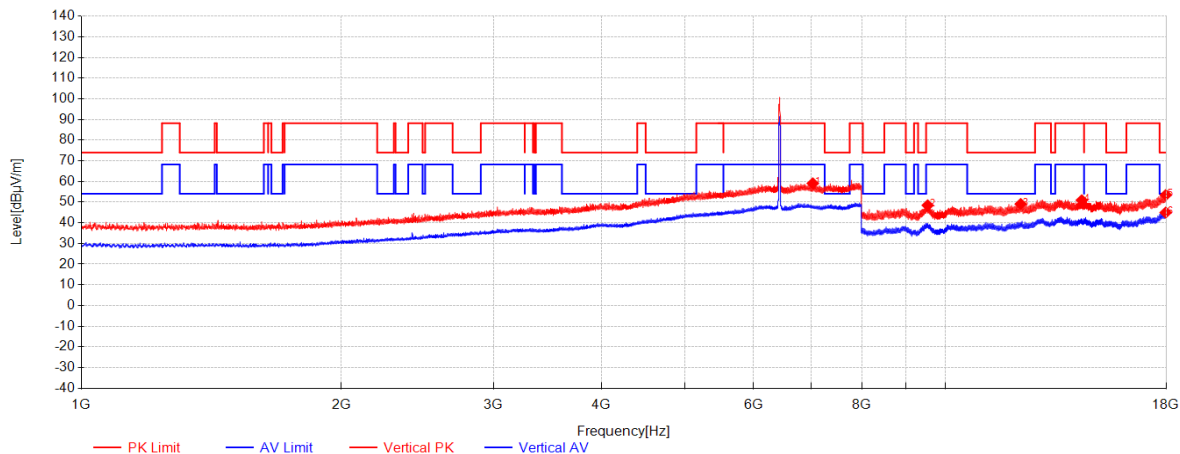
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6965.75	40.45	36.25	-17.31	59.38	88.20	28.82	Vertical
2	9488	48.95	38.05	-38.21	48.79	74.00	25.21	Vertical
3	11133.6667	45.65	39.22	-35.61	49.26	74.00	24.74	Vertical
4	13804	46.39	40.30	-34.86	51.83	88.20	36.37	Vertical
5	17873	43.52	41.33	-30.85	54.01	74.00	19.99	Vertical
6	17995.3333	34.70	41.69	-30.73	45.65	54.00	8.35	Vertical

11ax(HE20)_TX_CH_097_Horizontal



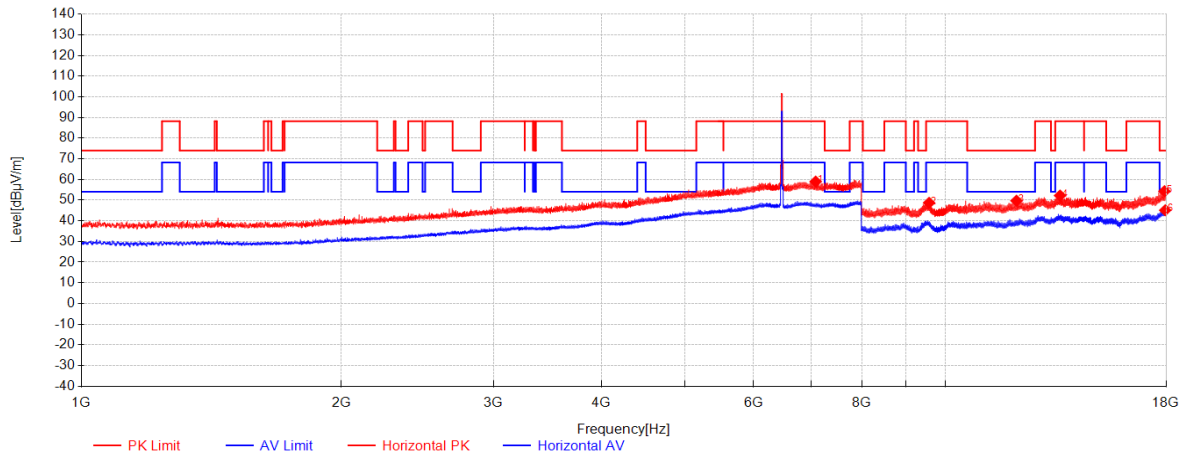
Data List								
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1	7343.75	40.51	36.30	-17.75	59.06	74.00	14.94	Horizontal
2	9519.6667	48.83	38.05	-38.12	48.76	88.20	39.44	Horizontal
3	11274.6667	45.60	39.14	-35.38	49.35	74.00	24.65	Horizontal
4	14272.6667	45.76	40.24	-34.66	51.34	88.20	36.86	Horizontal
5	17863	43.16	41.30	-30.77	53.69	74.00	20.31	Horizontal
6	17974	34.42	41.62	-30.80	45.24	54.00	8.76	Horizontal

11ax(HE20)_TX_CH_097_Verical



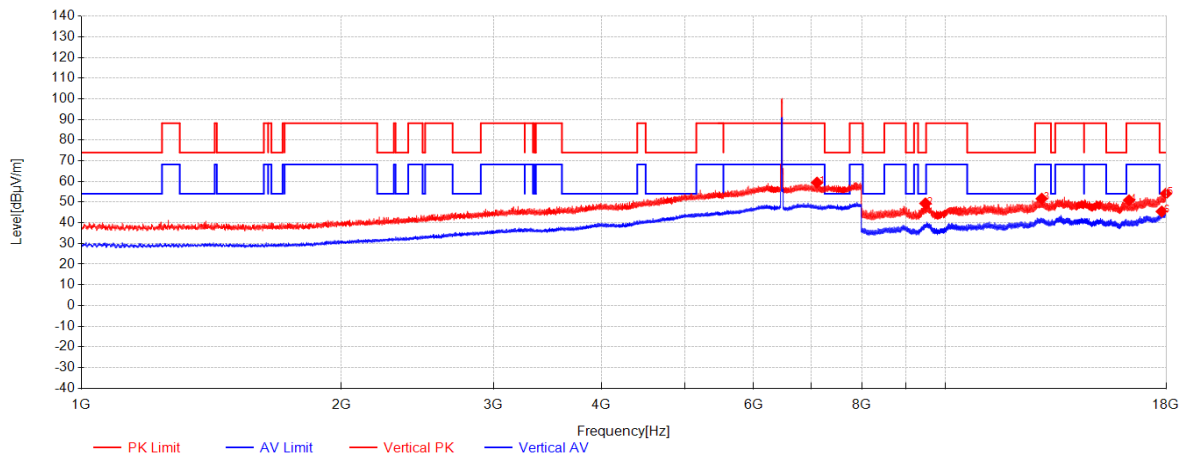
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7023.9375	40.05	36.30	-17.28	59.07	88.20	29.13	Vertical
2	9539.3333	48.45	38.05	-38.05	48.46	88.20	39.74	Vertical
3	12221.6667	45.05	38.97	-34.93	49.08	74.00	24.92	Vertical
4	14382.3333	44.62	40.17	-33.87	50.92	88.20	37.28	Vertical
5	17993	42.54	41.68	-30.74	53.48	74.00	20.52	Vertical
6	17985.6667	34.07	41.66	-30.77	44.96	54.00	9.04	Vertical

11ax(HE20)_TX_CH_105_Horizontal



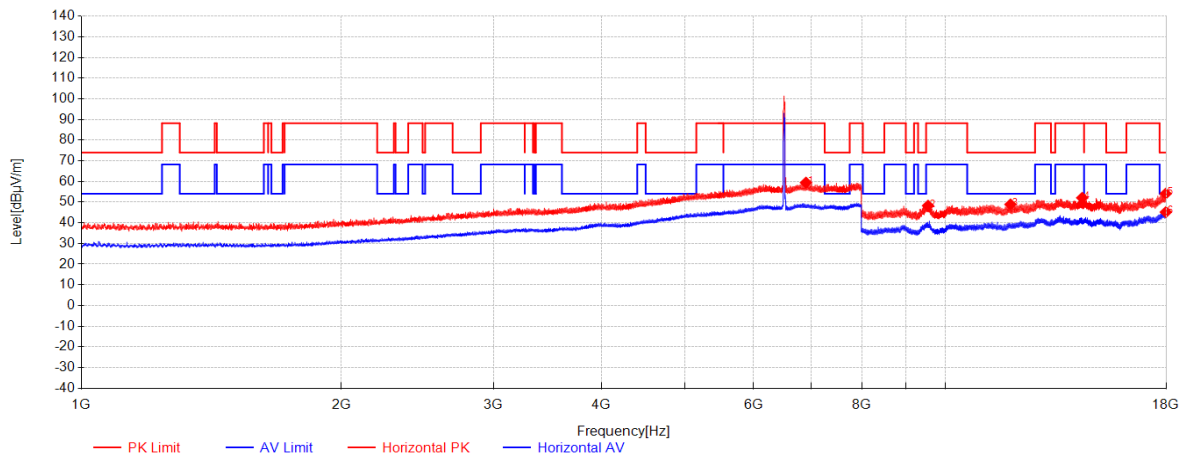
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7076.875	39.97	36.30	-17.30	58.97	88.20	29.23	Horizontal
2	9575.3333	48.55	38.06	-37.92	48.69	88.20	39.51	Horizontal
3	12084.6667	45.88	38.80	-34.97	49.71	74.00	24.29	Horizontal
4	13573.3333	46.41	40.19	-34.37	52.22	88.20	35.98	Horizontal
5	17928.3333	43.77	41.49	-30.95	54.31	74.00	19.69	Horizontal
6	17964	34.36	41.60	-30.84	45.12	54.00	8.88	Horizontal

11ax(HE20)_TX_CH_105_Verical



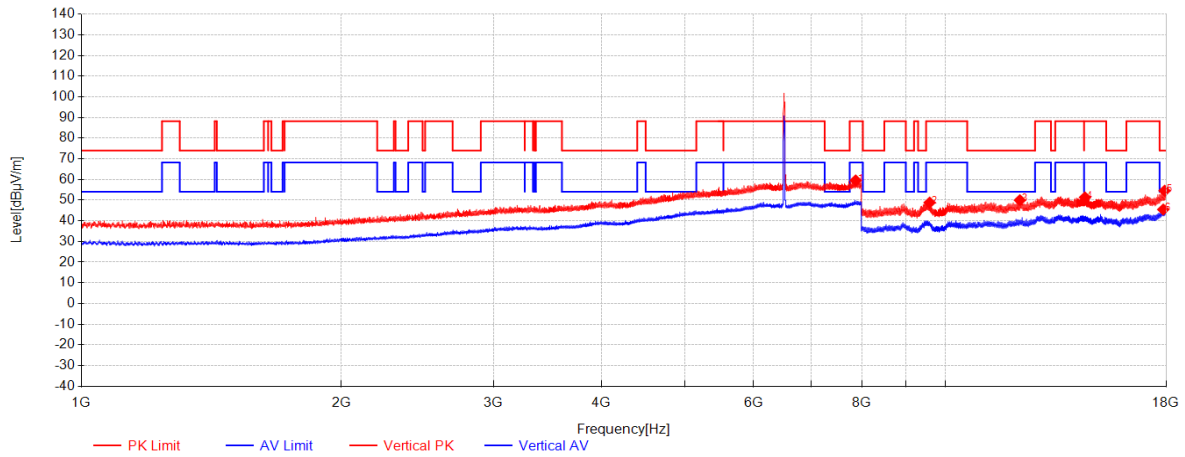
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7102.6875	40.48	36.30	-17.33	59.45	88.20	28.75	Vertical
2	9482.6667	49.55	38.05	-38.21	49.38	74.00	24.62	Vertical
3	12927	46.70	39.81	-34.85	51.66	88.20	36.54	Vertical
4	16314.3333	45.17	38.25	-32.53	50.89	88.20	37.31	Vertical
5	17996.6667	43.14	41.69	-30.73	54.10	74.00	19.90	Vertical
6	17799	34.68	41.12	-30.33	45.47	54.00	8.53	Vertical

11ax(HE20)_TX_CH_113_Horizontal



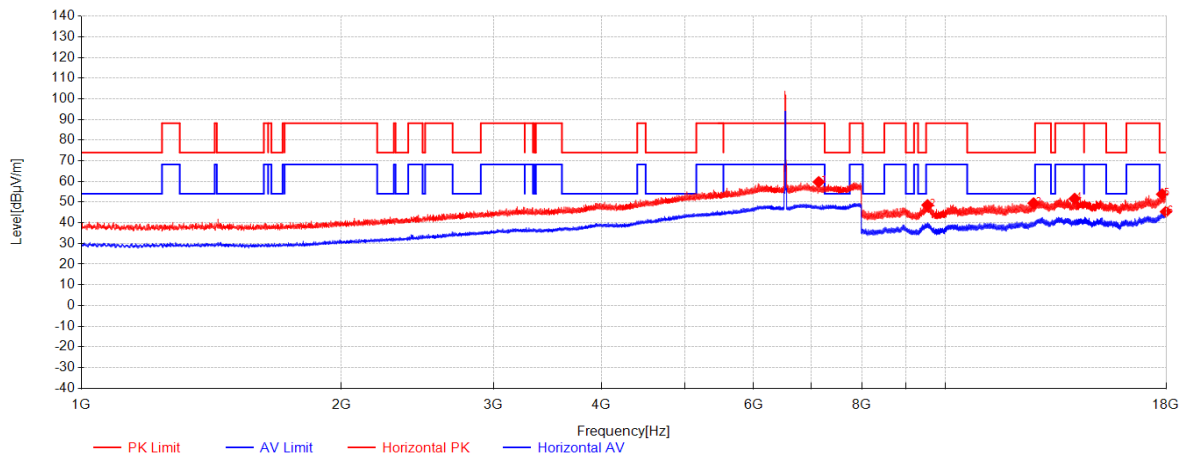
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6897.5	40.68	36.14	-17.39	59.43	88.20	28.77	Horizontal
2	9548.3333	48.23	38.05	-38.02	48.27	88.20	39.93	Horizontal
3	11894.3333	44.94	38.76	-34.82	48.88	74.00	25.12	Horizontal
4	14399.3333	45.67	40.16	-33.75	52.09	88.20	36.11	Horizontal
5	17986.3333	43.19	41.66	-30.76	54.09	74.00	19.91	Horizontal
6	17993.6667	34.24	41.68	-30.74	45.18	54.00	8.82	Horizontal

11ax(HE20)_TX_CH_113_Vertical



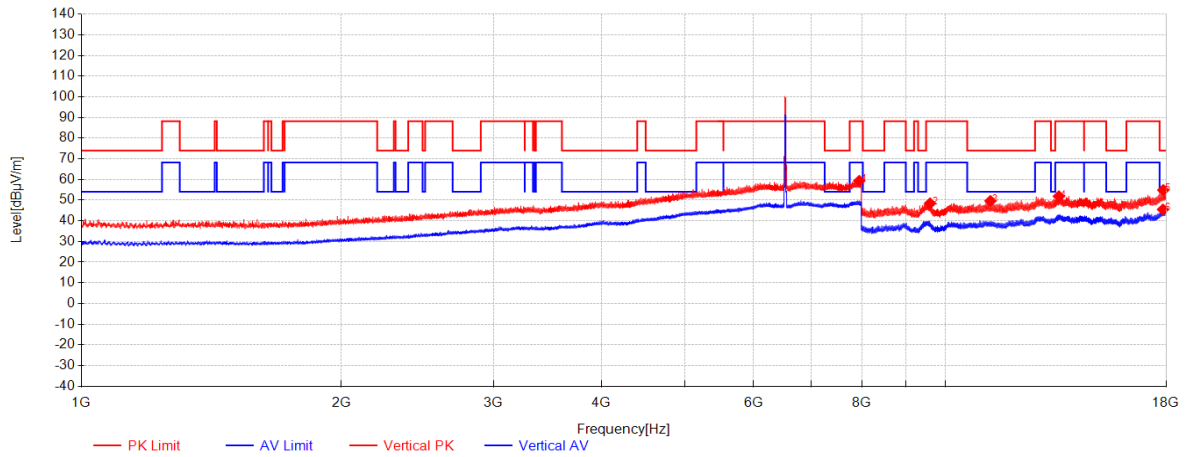
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7874.4375	41.31	37.05	-18.82	59.54	88.20	28.66	Vertical
2	9589.3333	48.62	38.06	-37.87	48.81	88.20	39.39	Vertical
3	12196.3333	46.17	38.94	-35.12	49.98	74.00	24.02	Vertical
4	14505.3333	45.85	40.10	-34.64	51.31	88.20	36.89	Vertical
5	17938.6667	43.93	41.52	-30.92	54.54	74.00	19.46	Vertical
6	17870	34.97	41.32	-30.82	45.47	54.00	8.53	Vertical

11ax(HE20)_TX_CH_117_Horizontal



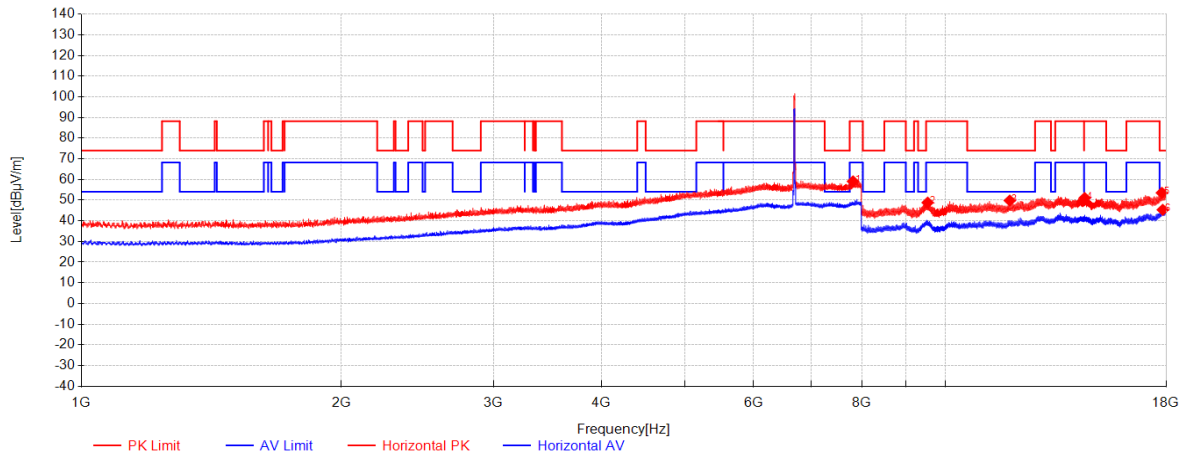
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7135.5	40.96	36.30	-17.51	59.75	88.20	28.45	Horizontal
2	9534.6667	48.58	38.05	-38.07	48.57	88.20	39.63	Horizontal
3	12650.3333	45.07	39.48	-35.09	49.46	74.00	24.54	Horizontal
4	14111	46.15	40.33	-34.81	51.67	88.20	36.53	Horizontal
5	17820.6667	43.10	41.18	-30.47	53.81	74.00	20.19	Horizontal
6	17996.6667	34.41	41.69	-30.73	45.37	54.00	8.63	Horizontal

11ax(HE20)_TX_CH_117_Verical



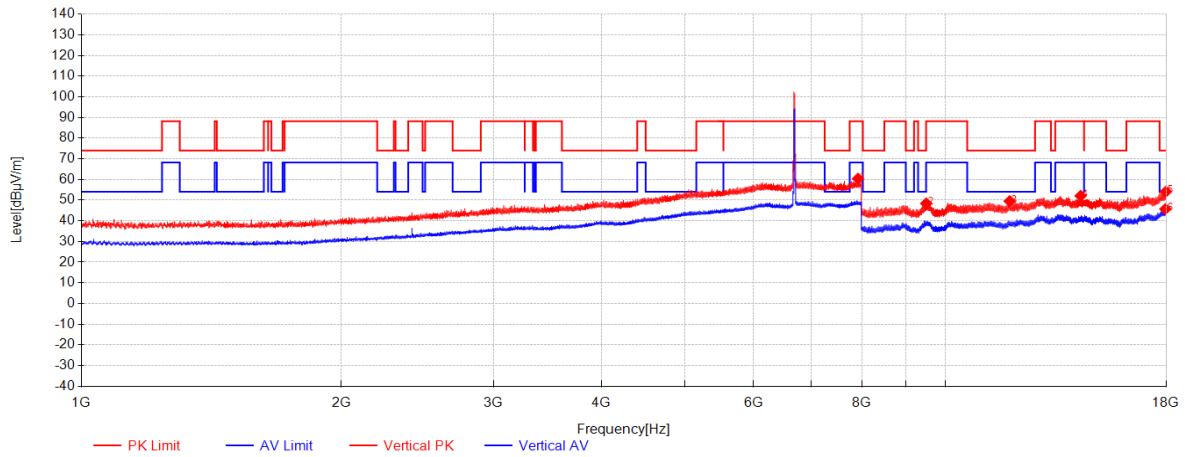
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7948.8125	40.95	37.20	-18.82	59.33	88.20	28.87	Vertical
2	9599.3333	48.20	38.06	-37.83	48.43	88.20	39.77	Vertical
3	11276	45.85	39.13	-35.38	49.61	74.00	24.39	Vertical
4	13530.6667	46.17	40.17	-34.44	51.89	88.20	36.31	Vertical
5	17870.3333	44.36	41.32	-30.83	54.86	74.00	19.14	Vertical
6	17857	34.92	41.29	-30.73	45.47	54.00	8.53	Vertical

11ax(HE20)_TX_CH_149_Horizontal



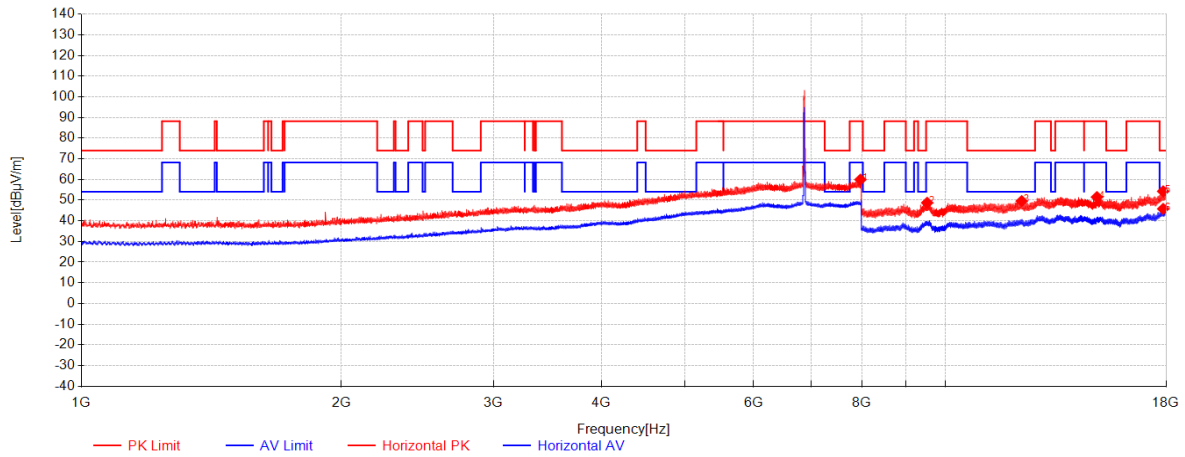
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7818	40.88	36.94	-18.74	59.08	88.20	29.12	Horizontal
2	9538.6667	48.81	38.05	-38.05	48.81	88.20	39.39	Horizontal
3	11871.3333	45.97	38.78	-34.96	49.79	74.00	24.21	Horizontal
4	14494	45.55	40.10	-34.60	51.05	74.00	22.95	Horizontal
5	17806.3333	42.76	41.14	-30.37	53.53	74.00	20.47	Horizontal
6	17846.6667	34.72	41.26	-30.66	45.32	54.00	8.68	Horizontal

11ax(HE20)_TX_CH_149_Verical



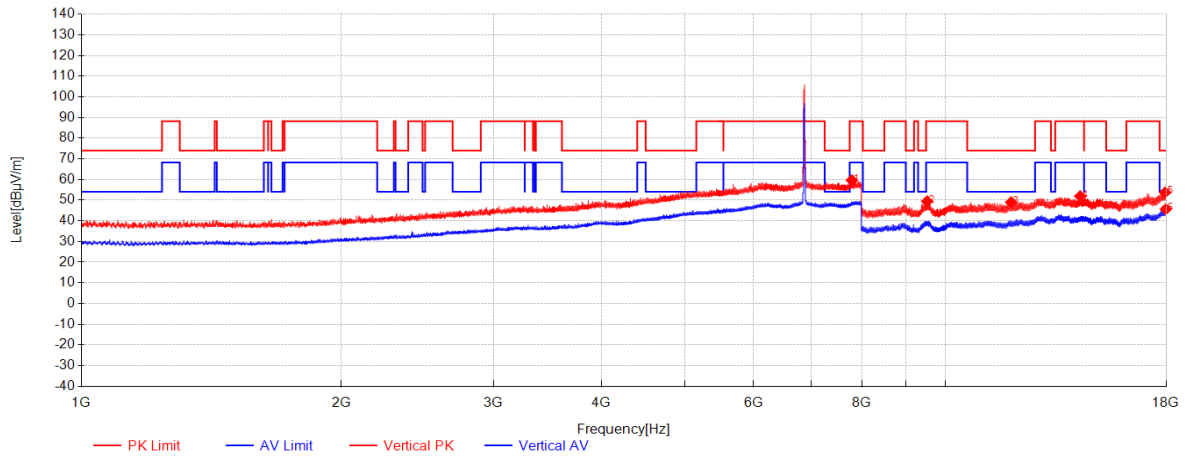
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7923.4375	42.06	37.15	-18.84	60.37	88.20	27.83	Vertical
2	9502.6667	48.54	38.05	-38.18	48.41	88.20	39.79	Vertical
3	11868.6667	45.69	38.78	-34.97	49.50	74.00	24.50	Vertical
4	14339.3333	46.07	40.20	-34.20	52.07	88.20	36.13	Vertical
5	17997	43.16	41.69	-30.73	54.12	74.00	19.88	Vertical
6	17972.6667	34.88	41.62	-30.81	45.69	54.00	8.31	Vertical

11ax(HE20)_TX_CH_185_Horizontal



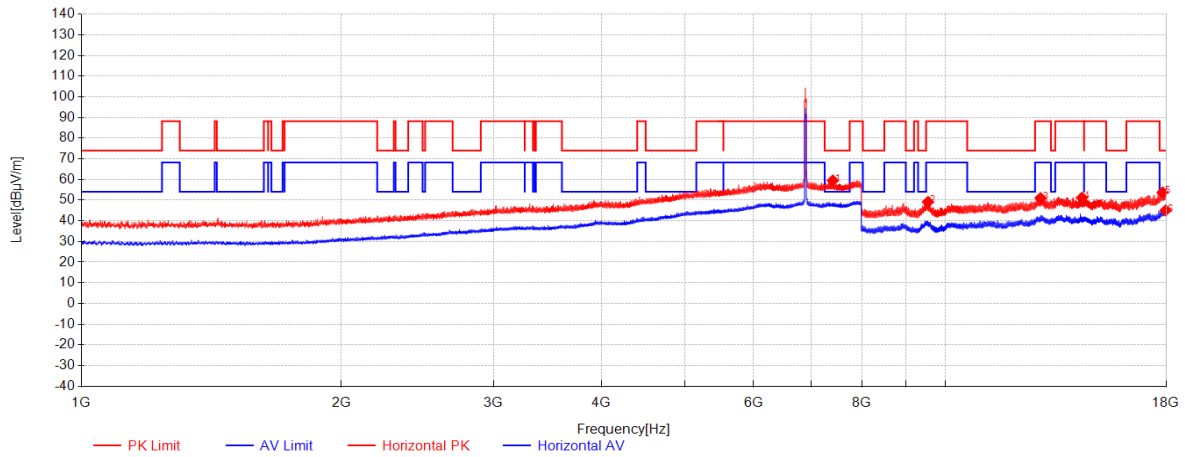
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7974.1875	41.48	37.25	-18.80	59.93	88.20	28.27	Horizontal
2	9526.3333	48.76	38.05	-38.10	48.72	88.20	39.48	Horizontal
3	12255.6667	45.17	39.01	-34.63	49.55	74.00	24.45	Horizontal
4	14976	45.48	39.81	-33.81	51.48	88.20	36.72	Horizontal
5	17864	43.74	41.31	-30.78	54.26	74.00	19.74	Horizontal
6	17866	35.26	41.31	-30.80	45.78	54.00	8.22	Horizontal

11ax(HE20)_TX_CH_185_Verical



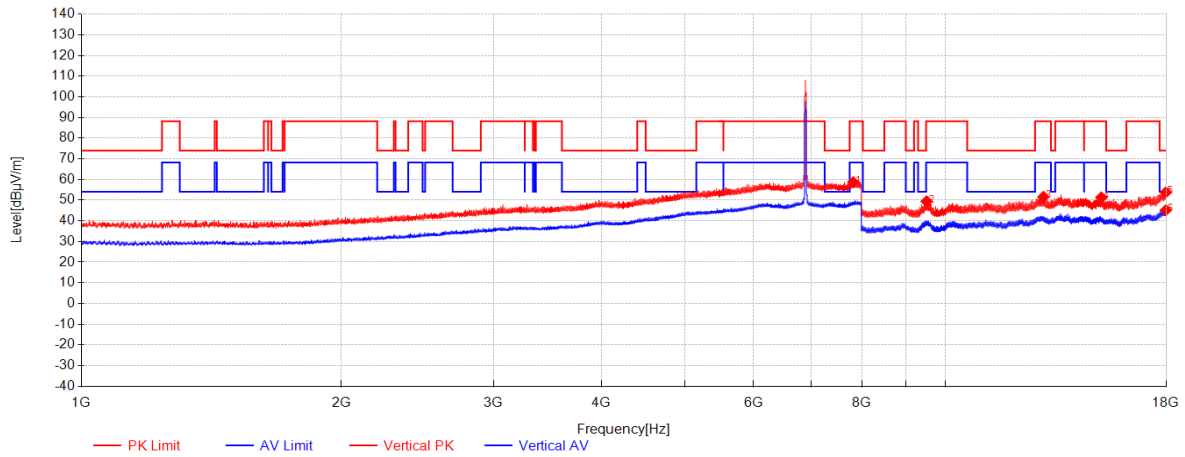
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7793.0625	41.44	36.89	-18.70	59.62	88.20	28.58	Vertical
2	9526	49.48	38.05	-38.10	49.44	88.20	38.76	Vertical
3	11915	45.10	38.75	-34.87	48.98	74.00	25.02	Vertical
4	14322.3333	46.01	40.21	-34.33	51.89	88.20	36.31	Vertical
5	17960.6667	42.98	41.59	-30.85	53.72	74.00	20.28	Vertical
6	17992.6667	34.71	41.68	-30.74	45.65	54.00	8.35	Vertical

11ax(HE20)_TX_CH_189_Horizontal



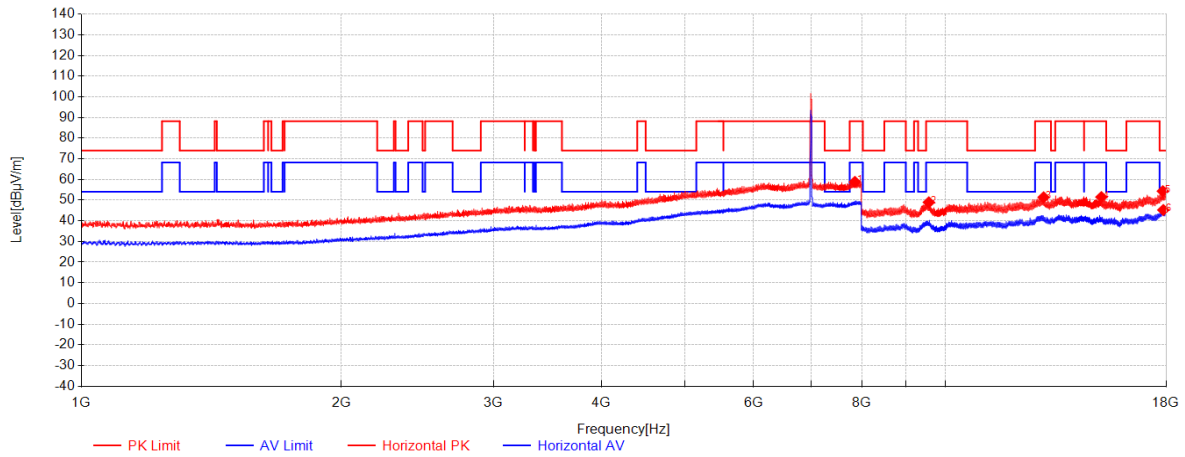
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7408.0625	40.98	36.30	-17.79	59.49	74.00	14.51	Horizontal
2	9547.6667	49.11	38.05	-38.02	49.15	88.20	39.05	Horizontal
3	12886.6667	46.07	39.76	-34.82	51.02	88.20	37.18	Horizontal
4	14386	44.84	40.17	-33.85	51.16	88.20	37.04	Horizontal
5	17838.6667	43.08	41.23	-30.60	53.71	74.00	20.29	Horizontal
6	17983	34.16	41.65	-30.77	45.04	54.00	8.96	Horizontal

11ax(HE20)_TX_CH_189_Vertical



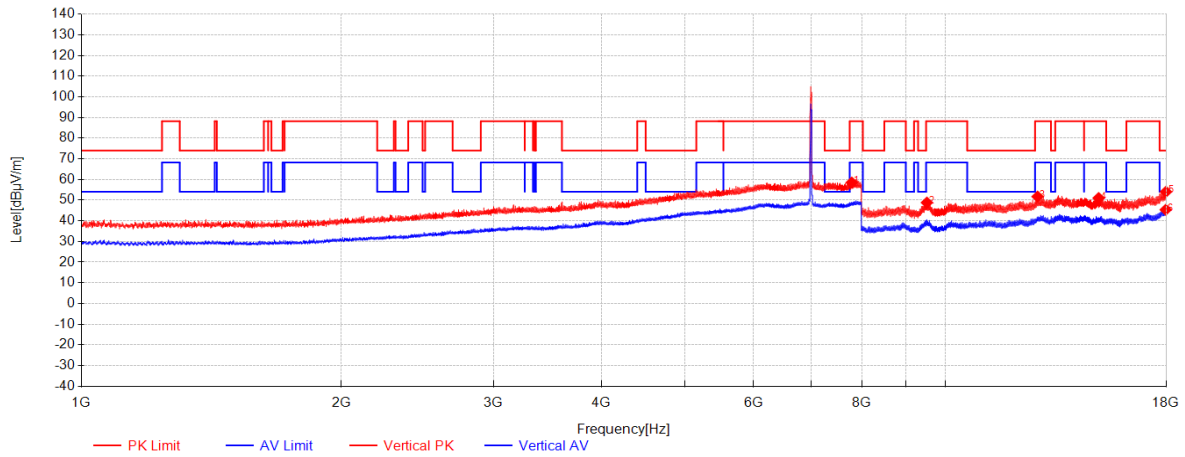
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7823.25	40.48	36.95	-18.74	58.68	88.20	29.52	Vertical
2	9514	49.52	38.05	-38.14	49.43	88.20	38.77	Vertical
3	12987.3333	46.55	39.88	-34.85	51.58	88.20	36.62	Vertical
4	15153.6667	45.31	39.52	-33.55	51.28	88.20	36.92	Vertical
5	17992.3333	42.85	41.68	-30.74	53.78	74.00	20.22	Vertical
6	17995	34.22	41.69	-30.74	45.17	54.00	8.83	Vertical

11ax(HE20)_TX_CH_209_Horizontal



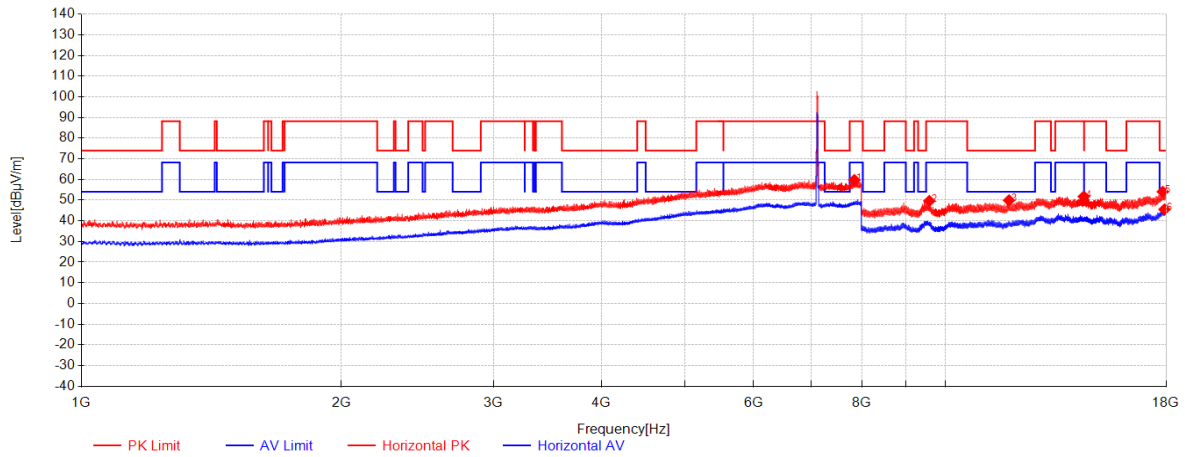
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7858.25	40.60	37.02	-18.80	58.82	88.20	29.38	Horizontal
2	9569.6667	48.81	38.06	-37.94	48.93	88.20	39.27	Horizontal
3	12992.3333	46.35	39.89	-34.85	51.39	88.20	36.81	Horizontal
4	15154.6667	45.50	39.52	-33.55	51.47	88.20	36.73	Horizontal
5	17850.6667	43.77	41.27	-30.68	54.35	74.00	19.65	Horizontal
6	17875	34.75	41.34	-30.86	45.23	54.00	8.77	Horizontal

11ax(HE20)_TX_CH_209_Verical



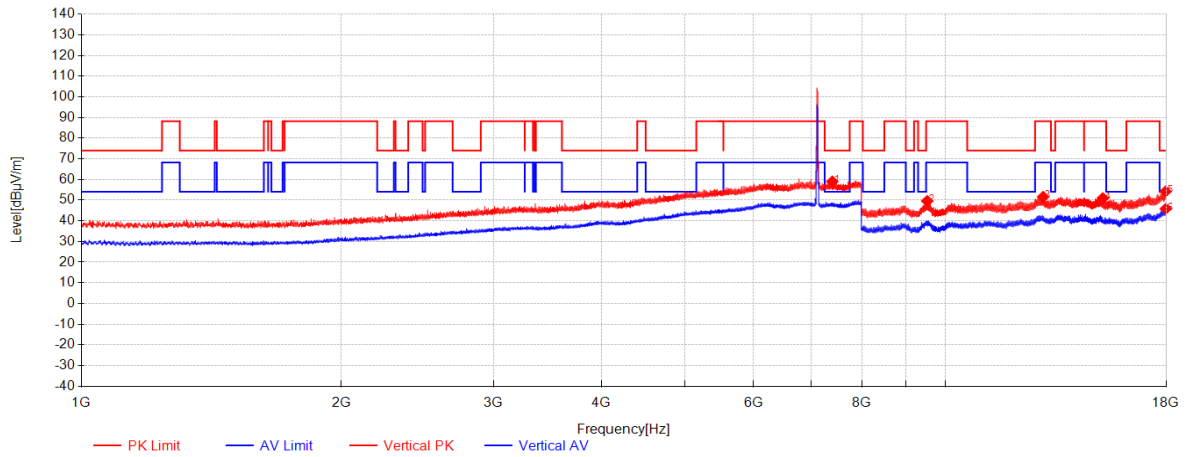
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7792.625	40.31	36.89	-18.70	58.49	88.20	29.71	Vertical
2	9519.6667	48.88	38.05	-38.12	48.81	88.20	39.39	Vertical
3	12784	46.69	39.64	-34.62	51.72	88.20	36.48	Vertical
4	15044	45.18	39.72	-33.91	50.99	88.20	37.21	Vertical
5	17999.6667	43.06	41.70	-30.72	54.04	74.00	19.96	Vertical
6	17989.3333	34.44	41.67	-30.75	45.35	54.00	8.65	Vertical

11ax(HE20)_TX_CH_233_Horizontal



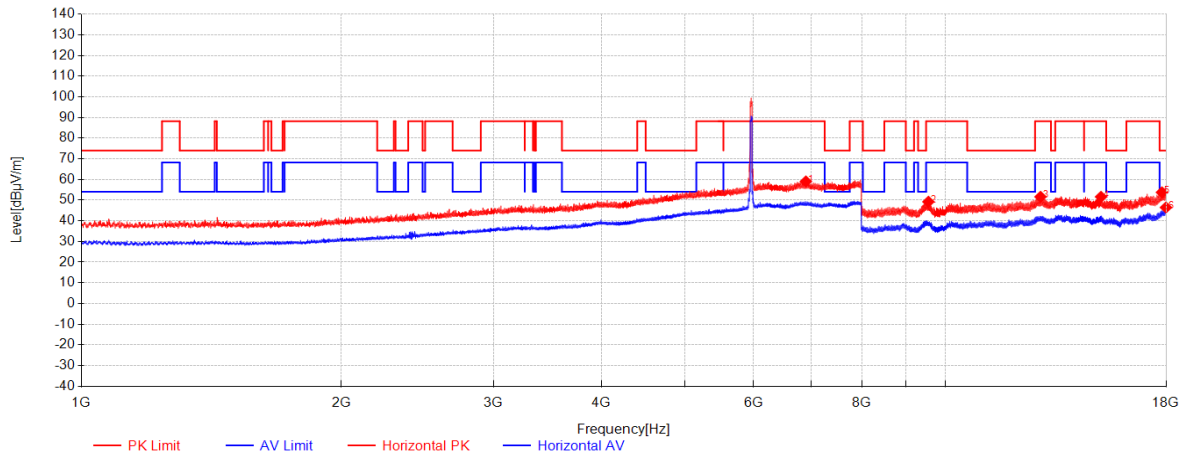
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7845.125	41.52	36.99	-18.78	59.73	88.20	28.47	Horizontal
2	9582	49.45	38.06	-37.89	49.61	88.20	38.59	Horizontal
3	11847.3333	46.22	38.79	-35.10	49.92	74.00	24.08	Horizontal
4	14460.3333	45.91	40.12	-34.30	51.74	88.20	36.46	Horizontal
5	17849.6667	43.45	41.26	-30.68	54.04	74.00	19.96	Horizontal
6	17933.3333	34.96	41.51	-30.93	45.53	54.00	8.47	Horizontal

11ax(HE20)_TX_CH_233_Vertical



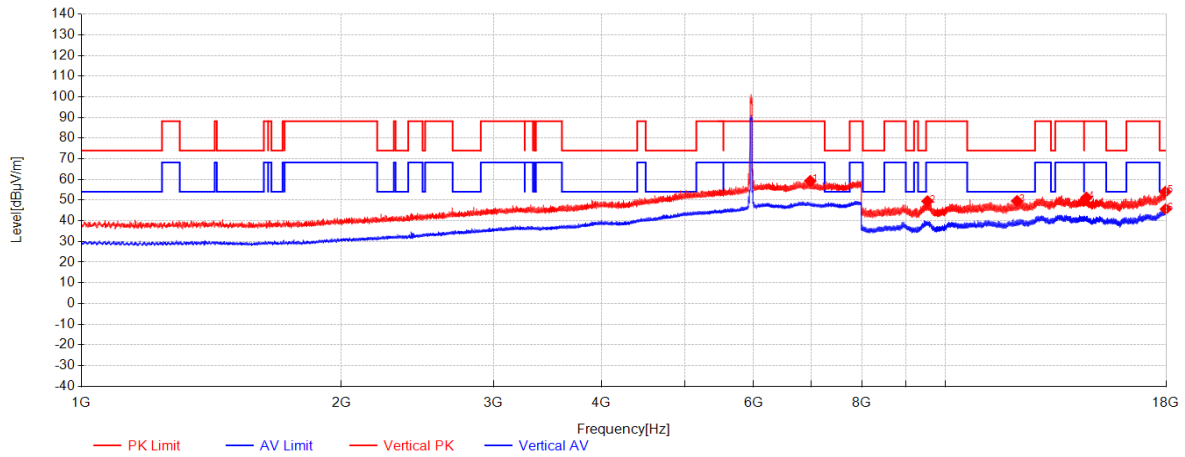
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7398.4375	40.46	36.30	-17.75	59.01	74.00	14.99	Vertical
2	9528	49.62	38.05	-38.09	49.58	88.20	38.62	Vertical
3	12974	46.56	39.87	-34.85	51.58	88.20	36.62	Vertical
4	15211	44.83	39.42	-33.30	50.95	88.20	37.25	Vertical
5	17977	43.33	41.63	-30.79	54.17	74.00	19.83	Vertical
6	17990	34.91	41.67	-30.75	45.83	54.00	8.17	Vertical

11ax(HE40)_TX_CH_003_Horizontal



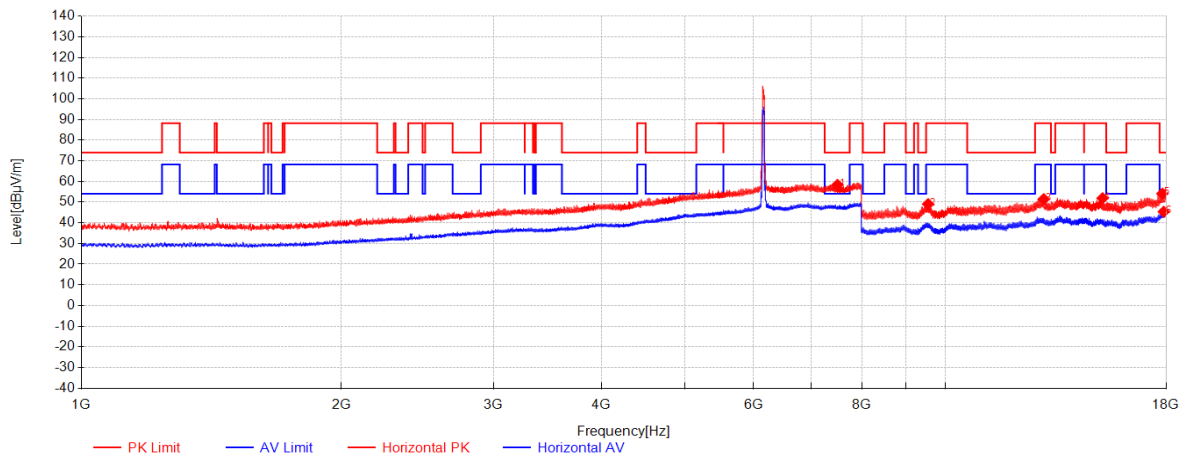
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6895.3125	40.29	36.13	-17.38	59.04	88.20	29.16	Horizontal
2	9558.3333	49.13	38.06	-37.98	49.21	88.20	38.99	Horizontal
3	12885.3333	46.66	39.76	-34.81	51.61	88.20	36.59	Horizontal
4	15140.6667	45.67	39.55	-33.63	51.59	88.20	36.61	Horizontal
5	17808.3333	42.99	41.14	-30.38	53.75	74.00	20.25	Horizontal
6	18000	35.47	41.70	-30.72	46.45	54.00	7.55	Horizontal

11ax(HE40)_TX_CH_003_Verical



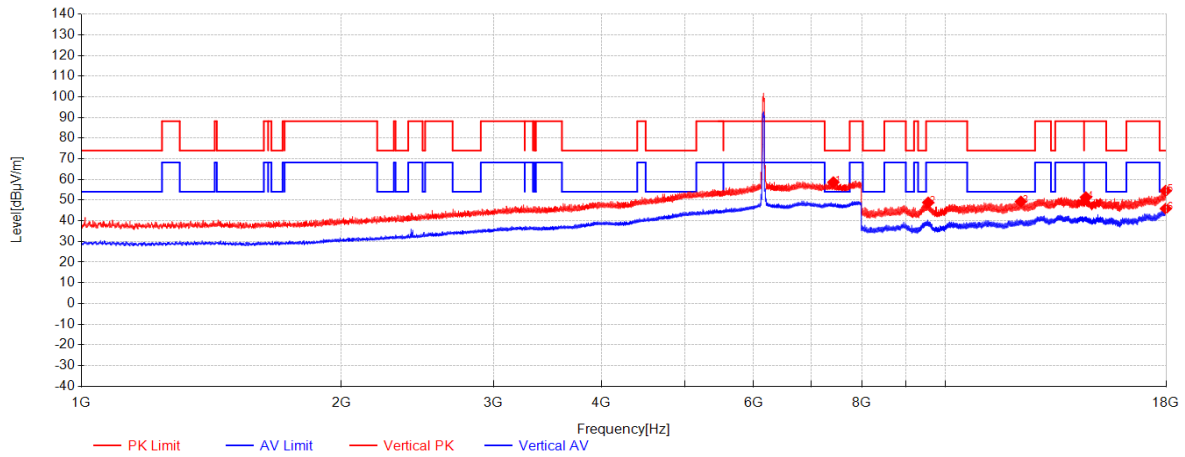
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6975.375	40.29	36.26	-17.30	59.25	88.20	28.95	Vertical
2	9533	49.48	38.05	-38.07	49.46	88.20	38.74	Vertical
3	12103.3333	45.66	38.82	-34.92	49.57	74.00	24.43	Vertical
4	14563.6667	45.57	40.06	-34.40	51.23	88.20	36.97	Vertical
5	17971.6667	43.22	41.62	-30.81	54.03	74.00	19.97	Vertical
6	17992.6667	34.76	41.68	-30.74	45.70	54.00	8.30	Vertical

11ax(HE40)_TX_CH_043_Horizontal



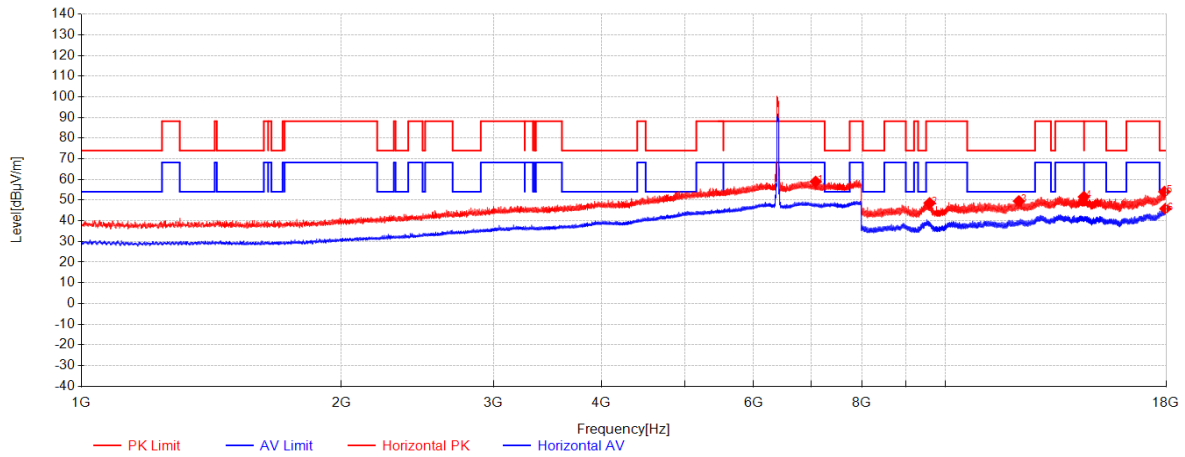
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7500.375	40.27	36.30	-18.21	58.36	74.00	15.64	Horizontal
2	9550.3333	49.01	38.06	-38.01	49.06	88.20	39.14	Horizontal
3	12996.3333	46.41	39.90	-34.85	51.46	88.20	36.74	Horizontal
4	15202.3333	45.79	39.44	-33.30	51.93	88.20	36.27	Horizontal
5	17828.3333	43.44	41.20	-30.52	54.12	74.00	19.88	Horizontal
6	17894	34.96	41.39	-31.00	45.36	54.00	8.64	Horizontal

11ax(HE40)_TX_CH_043_Verical



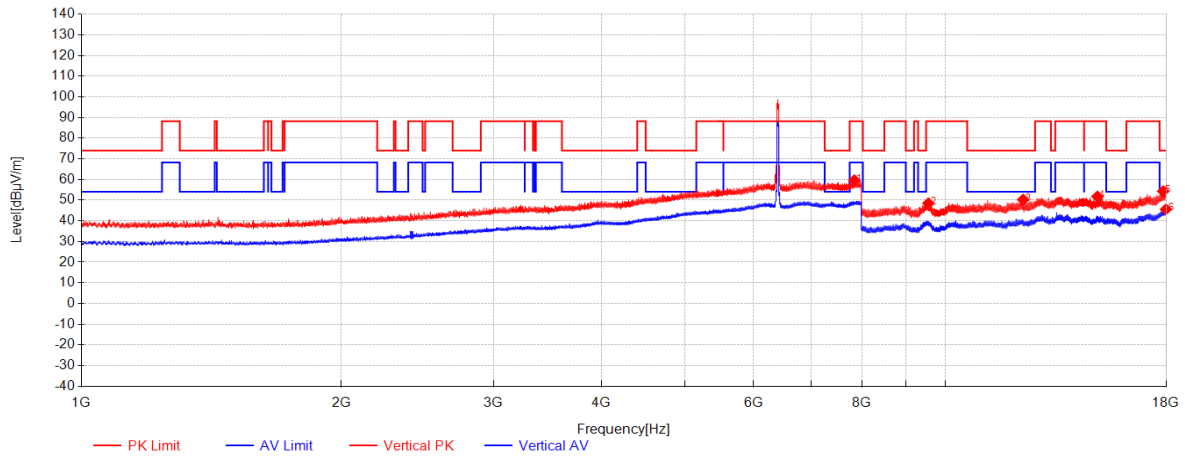
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7419	40.17	36.30	-17.84	58.63	74.00	15.37	Vertical
2	9552.3333	48.79	38.06	-38.00	48.84	88.20	39.36	Vertical
3	12228.6667	45.18	38.97	-34.87	49.28	74.00	24.72	Vertical
4	14541	45.81	40.08	-34.49	51.39	88.20	36.81	Vertical
5	17983.6667	43.60	41.65	-30.77	54.48	74.00	19.52	Vertical
6	17991.3333	34.95	41.67	-30.75	45.88	54.00	8.12	Vertical

11ax(HE40)_TX_CH_091_Horizontal



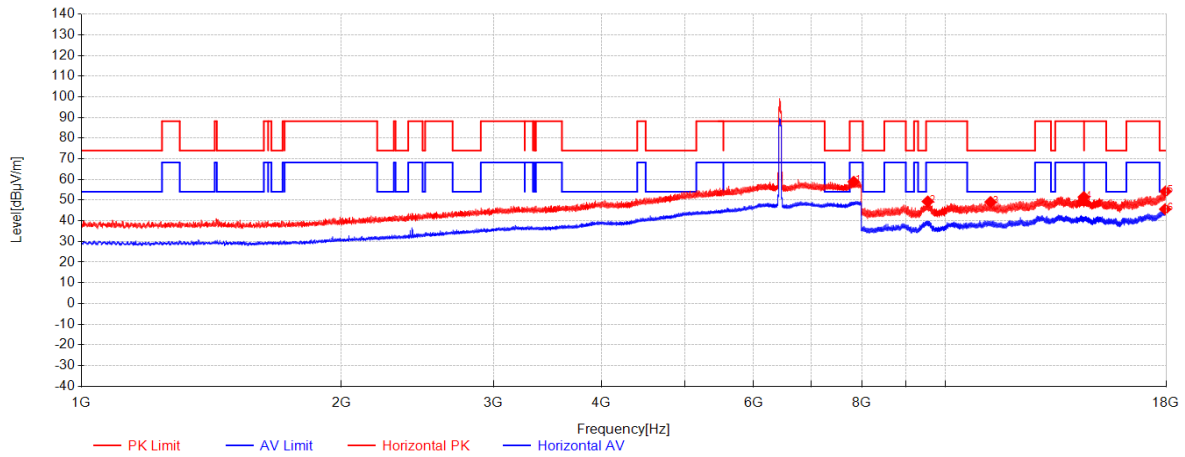
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7077.75	39.94	36.30	-17.30	58.94	88.20	29.26	Horizontal
2	9589.3333	48.39	38.06	-37.87	48.58	88.20	39.62	Horizontal
3	12164.6667	45.67	38.90	-35.05	49.52	74.00	24.48	Horizontal
4	14462.6667	45.78	40.12	-34.32	51.59	88.20	36.61	Horizontal
5	17925.3333	43.52	41.48	-30.96	54.04	74.00	19.96	Horizontal
6	17973.6667	35.03	41.62	-30.80	45.85	54.00	8.15	Horizontal

11ax(HE40)_TX_CH_091_Verical



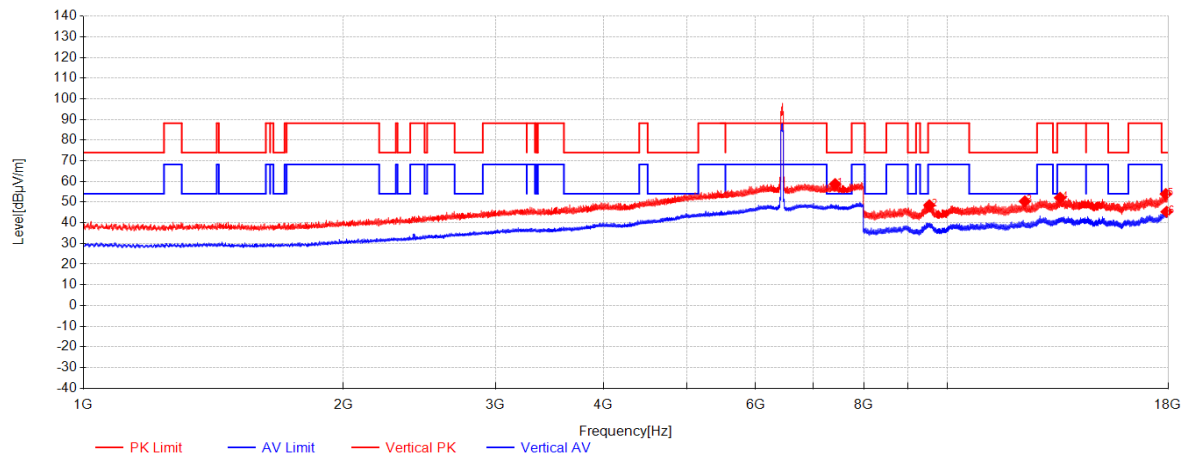
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7847.3125	41.41	36.99	-18.78	59.62	88.20	28.58	Vertical
2	9556.6667	48.38	38.06	-37.99	48.45	88.20	39.75	Vertical
3	12300.3333	45.41	39.06	-34.23	50.24	74.00	23.76	Vertical
4	14994	45.84	39.80	-33.92	51.72	88.20	36.48	Vertical
5	17869.6667	43.79	41.32	-30.82	54.29	74.00	19.71	Vertical
6	17998	34.58	41.69	-30.73	45.55	54.00	8.45	Vertical

11ax(HE40)_TX_CH_099_Horizontal



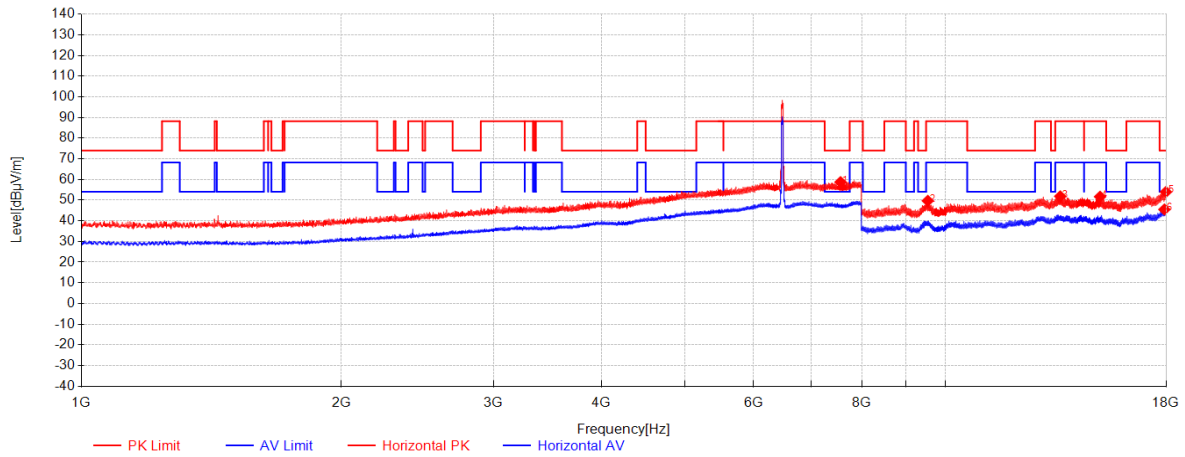
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7832.4375	40.68	36.96	-18.76	58.89	88.20	29.31	Horizontal
2	9540.6667	49.34	38.05	-38.04	49.35	88.20	38.85	Horizontal
3	11279.6667	45.32	39.13	-35.37	49.09	74.00	24.91	Horizontal
4	14458	45.63	40.13	-34.27	51.48	88.20	36.72	Horizontal
5	17984	43.34	41.65	-30.77	54.22	74.00	19.78	Horizontal
6	17961.3333	34.88	41.59	-30.84	45.62	54.00	8.38	Horizontal

11ax(HE40)_TX_CH_099_Verical



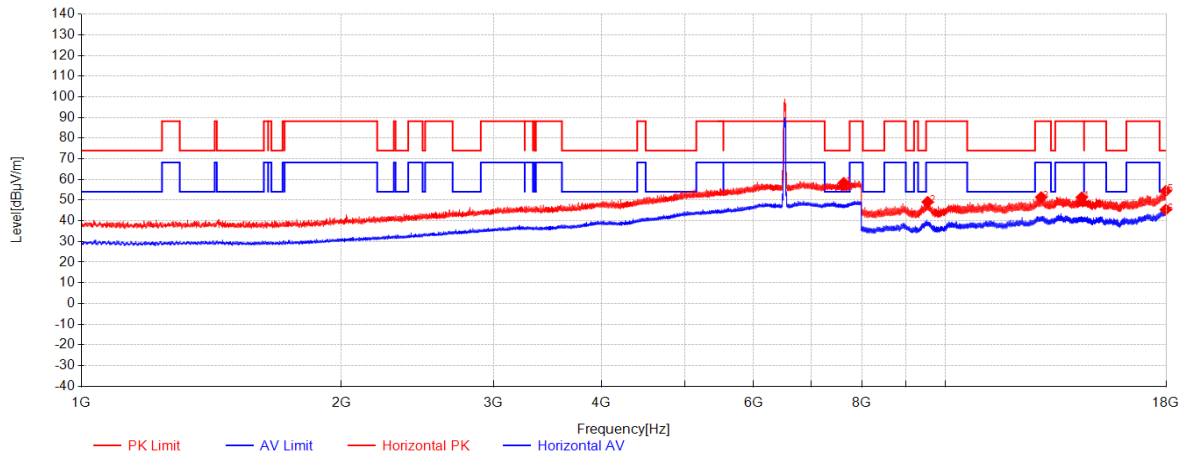
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7415.5	40.26	36.30	-17.82	58.74	74.00	15.26	Vertical
2	9532	48.52	38.05	-38.07	48.50	88.20	39.70	Vertical
3	12291.3333	45.64	39.05	-34.31	50.38	74.00	23.62	Vertical
4	13502.3333	46.45	40.15	-34.49	52.11	88.20	36.09	Vertical
5	17899.3333	43.55	41.41	-31.04	53.92	74.00	20.08	Vertical
6	17936.3333	34.74	41.52	-30.92	45.33	54.00	8.67	Vertical

11ax(HE40)_TX_CH_107_Horizontal



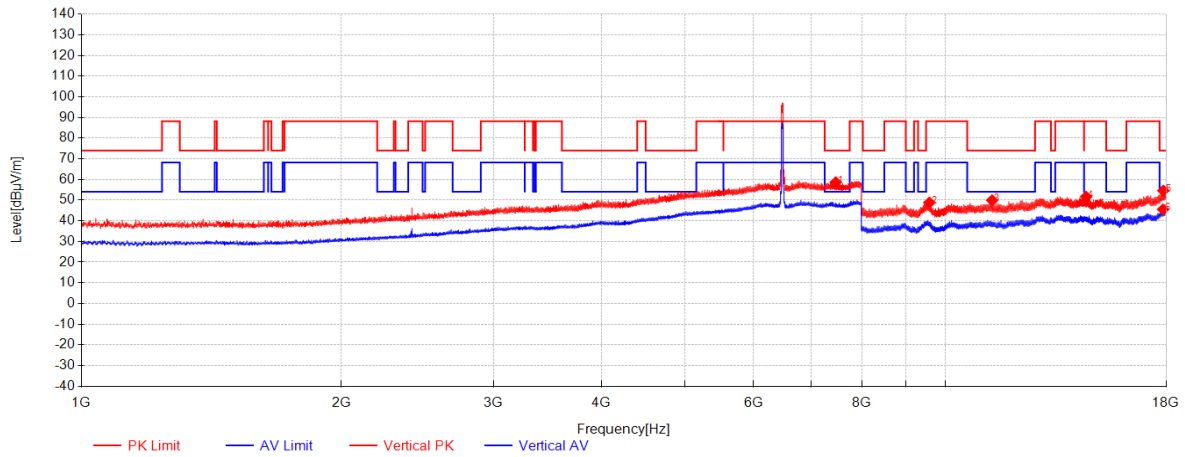
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7561.625	40.64	36.42	-18.35	58.72	74.00	15.28	Horizontal
2	9542.3333	49.65	38.05	-38.04	49.67	88.20	38.53	Horizontal
3	13581.6667	46.01	40.19	-34.36	51.84	88.20	36.36	Horizontal
4	15100.6667	45.88	39.62	-33.85	51.65	88.20	36.55	Horizontal
5	17998	43.00	41.69	-30.73	53.97	74.00	20.03	Horizontal
6	17925.3333	34.96	41.48	-30.96	45.48	54.00	8.52	Horizontal

11ax(HE40)_TX_CH_115_Horizontal



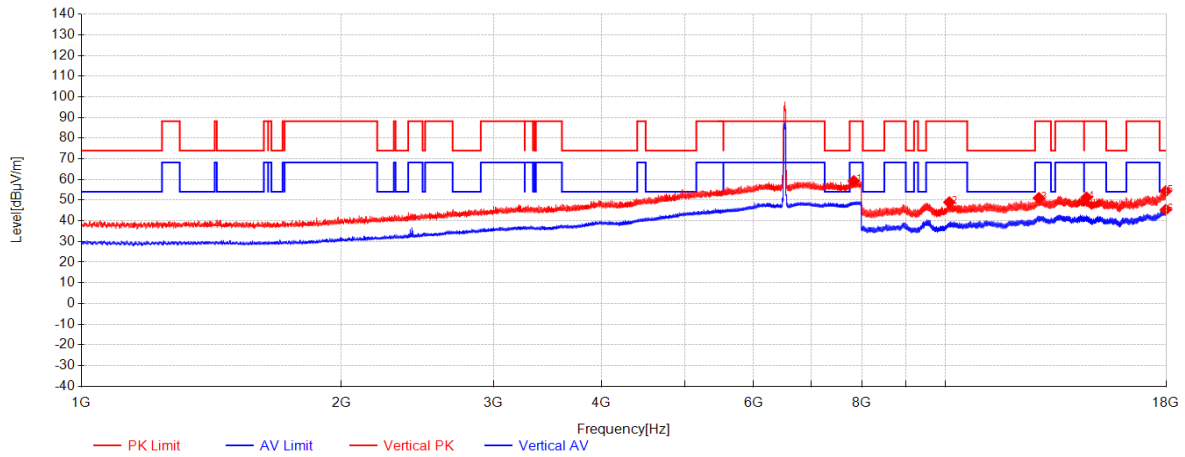
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7625.9375	40.24	36.55	-18.48	58.31	74.00	15.69	Horizontal
2	9538.6667	49.11	38.05	-38.05	49.11	88.20	39.09	Horizontal
3	12908	46.48	39.79	-34.85	51.42	88.20	36.78	Horizontal
4	14379.3333	45.01	40.17	-33.90	51.29	88.20	36.91	Horizontal
5	17991.3333	43.50	41.67	-30.75	54.43	74.00	19.57	Horizontal
6	17990	34.49	41.67	-30.75	45.41	54.00	8.59	Horizontal

11ax(HE40)_TX_CH_107_Vertical



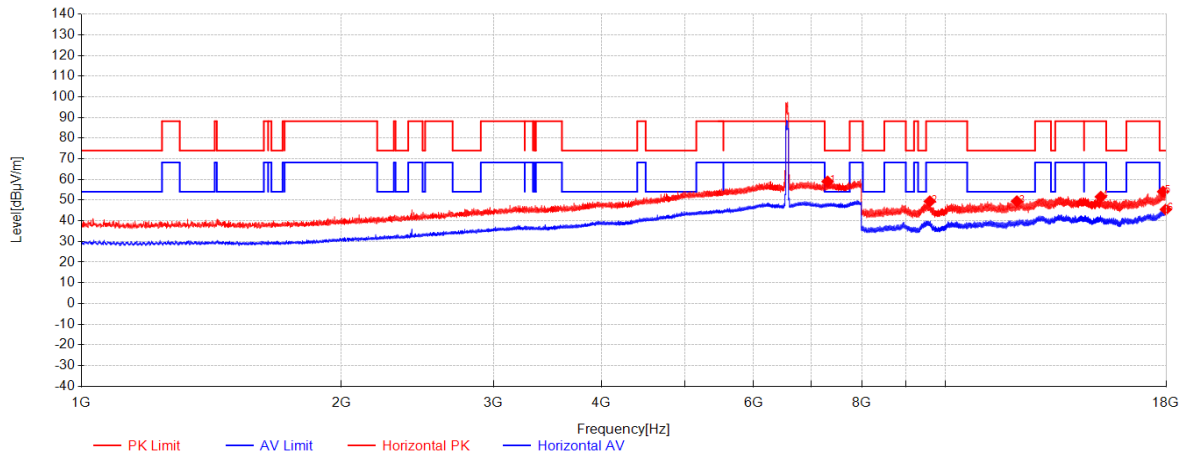
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7466.6875	40.42	36.30	-18.06	58.66	74.00	15.34	Vertical
2	9582.6667	48.64	38.06	-37.89	48.81	88.20	39.39	Vertical
3	11326.6667	46.29	39.10	-35.45	49.94	74.00	24.06	Vertical
4	14548.3333	46.05	40.07	-34.46	51.66	88.20	36.54	Vertical
5	17872	44.10	41.33	-30.84	54.59	74.00	19.41	Vertical
6	17859.6667	34.97	41.29	-30.75	45.51	54.00	8.49	Vertical

11ax(HE40)_TX_CH_115_Verical



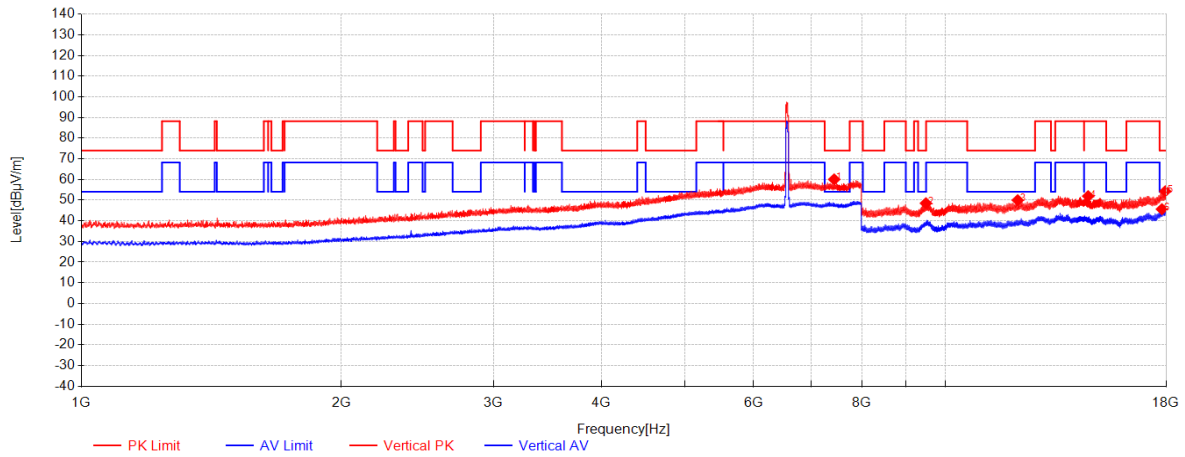
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7833.75	41.02	36.97	-18.76	59.23	88.20	28.97	Vertical
2	10105	47.70	38.23	-36.96	48.97	88.20	39.23	Vertical
3	12831.3333	46.02	39.70	-34.67	51.05	88.20	37.15	Vertical
4	14566.6667	45.61	40.06	-34.39	51.28	88.20	36.92	Vertical
5	17988	43.42	41.67	-30.76	54.33	74.00	19.67	Vertical
6	17990.6667	34.45	41.67	-30.75	45.37	54.00	8.63	Vertical

11ax(HE40)_TX_CH_123_Horizontal



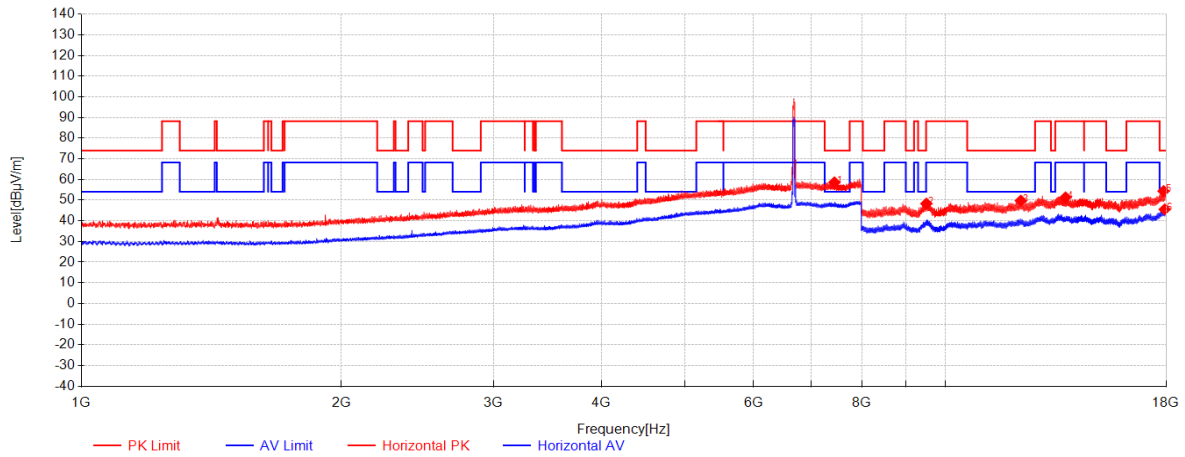
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7307	40.42	36.30	-17.75	58.97	74.00	15.03	Horizontal
2	9593	49.20	38.06	-37.86	49.40	88.20	38.80	Horizontal
3	12098.3333	45.56	38.82	-34.92	49.46	74.00	24.54	Horizontal
4	15132.3333	45.72	39.56	-33.67	51.61	88.20	36.59	Horizontal
5	17862.3333	43.55	41.30	-30.77	54.08	74.00	19.92	Horizontal
6	17992.6667	34.54	41.68	-30.74	45.48	54.00	8.52	Horizontal

11ax(HE40)_TX_CH_123_Vertical



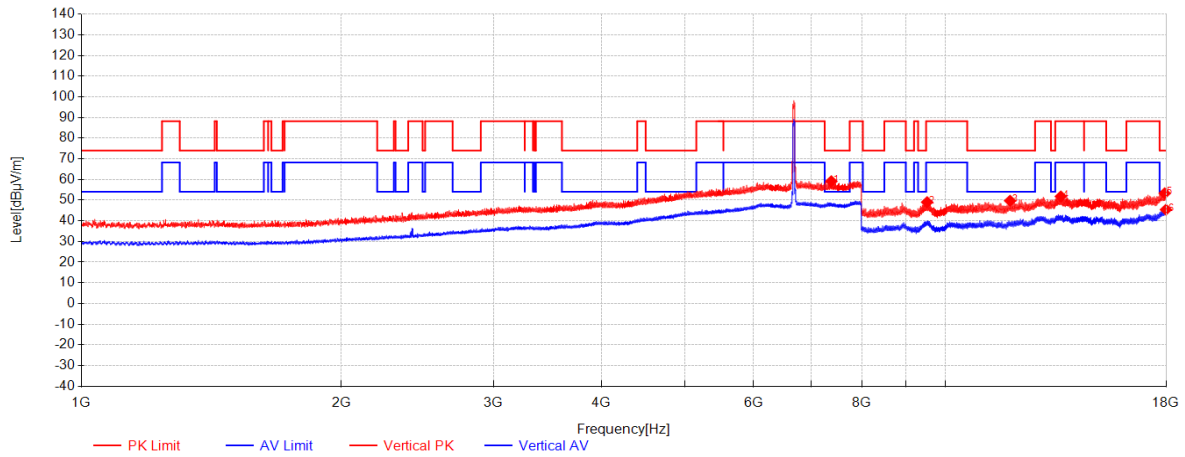
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7435.1875	41.65	36.30	-17.91	60.04	74.00	13.96	Vertical
2	9494.3333	48.64	38.05	-38.20	48.49	74.00	25.51	Vertical
3	12125.3333	46.09	38.85	-34.97	49.97	74.00	24.03	Vertical
4	14628.6667	45.94	40.02	-34.05	51.92	88.20	36.28	Vertical
5	17966	43.51	41.60	-30.83	54.28	74.00	19.72	Vertical
6	17805	34.85	41.13	-30.36	45.63	54.00	8.37	Vertical

11ax(HE40)_TX_CH_147_Horizontal



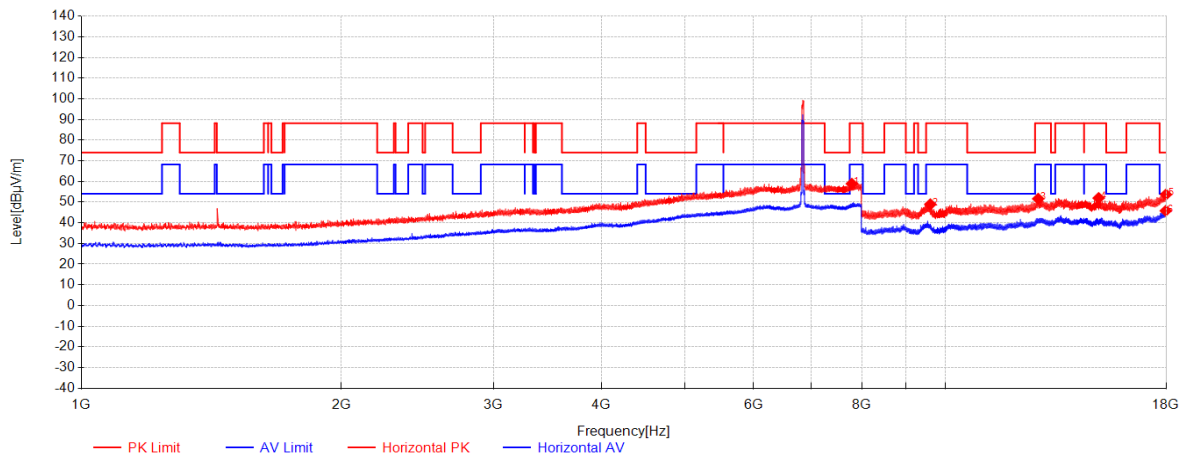
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7440.4375	40.24	36.30	-17.94	58.60	74.00	15.40	Horizontal
2	9507	48.44	38.05	-38.16	48.33	88.20	39.87	Horizontal
3	12227.3333	45.65	38.97	-34.88	49.74	74.00	24.26	Horizontal
4	13774	45.90	40.29	-34.86	51.32	88.20	36.88	Horizontal
5	17886	43.94	41.37	-30.94	54.37	74.00	19.63	Horizontal
6	17940.6667	34.92	41.53	-30.91	45.54	54.00	8.46	Horizontal

11ax(HE40)_TX_CH_147_Vertical



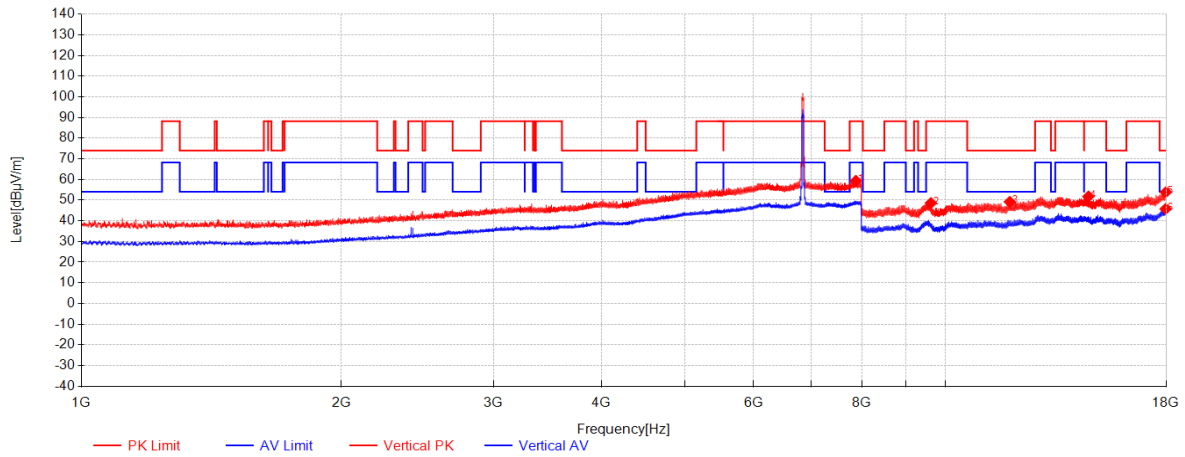
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7379.625	40.59	36.30	-17.75	59.14	74.00	14.86	Vertical
2	9524.6667	49.06	38.05	-38.10	49.01	88.20	39.19	Vertical
3	11882.3333	45.81	38.77	-34.89	49.69	74.00	24.31	Vertical
4	13601.6667	45.92	40.20	-34.34	51.78	88.20	36.42	Vertical
5	17938	42.68	41.52	-30.92	53.28	74.00	20.72	Vertical
6	18000	34.43	41.70	-30.72	45.41	54.00	8.59	Vertical

11ax(HE40)_TX_CH_179_Horizontal



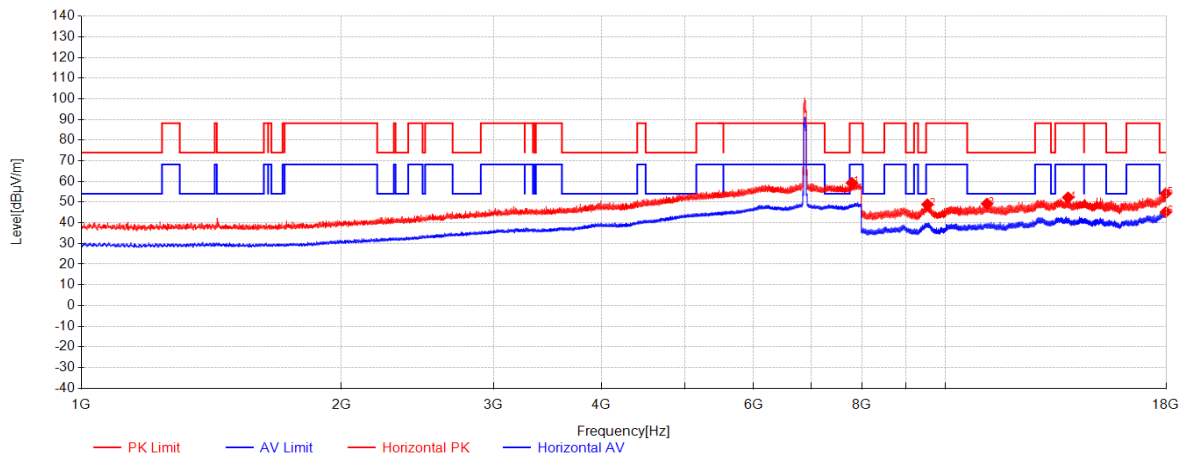
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7793.5	40.72	36.89	-18.70	58.90	88.20	29.30	Horizontal
2	9605.6667	48.70	38.06	-37.81	48.95	88.20	39.25	Horizontal
3	12805.3333	46.58	39.67	-34.60	51.64	88.20	36.56	Horizontal
4	15043.6667	46.15	39.72	-33.91	51.96	88.20	36.24	Horizontal
5	18000	42.71	41.70	-30.72	53.69	74.00	20.31	Horizontal
6	17989.6667	34.91	41.67	-30.75	45.83	54.00	8.17	Horizontal

11ax(HE40)_TX_CH_179_Verical



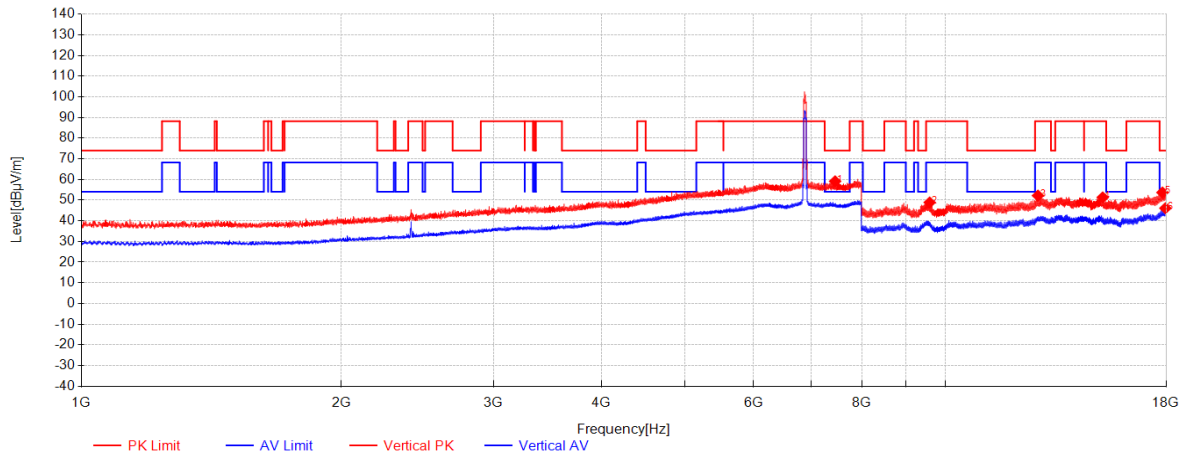
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7877.5	41.11	37.06	-18.83	59.34	88.20	28.86	Vertical
2	9621	48.28	38.06	-37.76	48.58	88.20	39.62	Vertical
3	11873.6667	45.33	38.78	-34.94	49.16	74.00	24.84	Vertical
4	14639.6667	45.72	40.02	-33.97	51.77	88.20	36.43	Vertical
5	17995	42.92	41.69	-30.74	53.87	74.00	20.13	Vertical
6	17986	34.88	41.66	-30.76	45.77	54.00	8.23	Vertical

11ax(HE40)_TX_CH_187_Horizontal



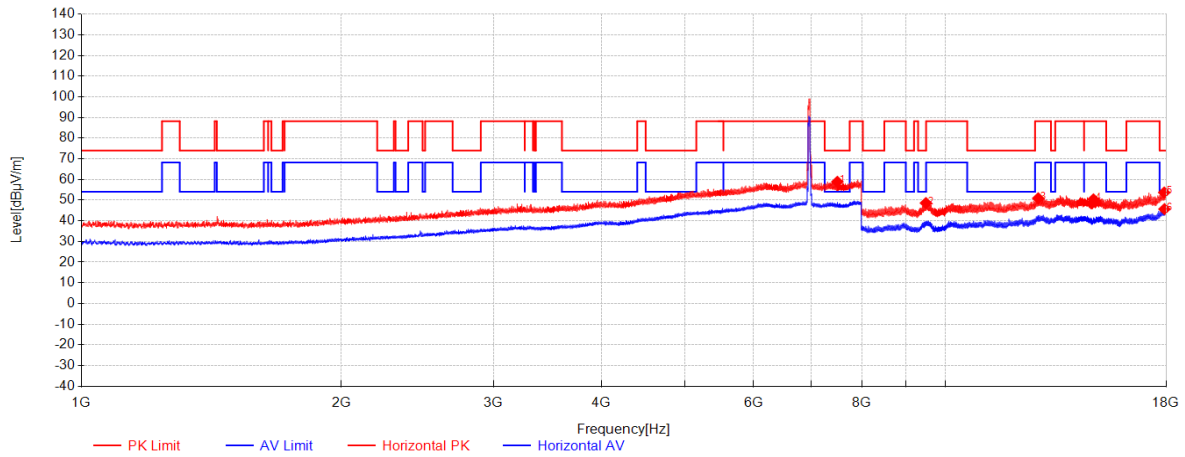
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7793.9375	41.12	36.89	-18.71	59.30	88.20	28.90	Horizontal
2	9533.3333	48.89	38.05	-38.07	48.87	88.20	39.33	Horizontal
3	11171.3333	45.67	39.20	-35.64	49.23	74.00	24.77	Horizontal
4	13866.6667	46.40	40.33	-34.50	52.23	88.20	35.97	Horizontal
5	17991	43.26	41.67	-30.75	54.19	74.00	19.81	Horizontal
6	17991.3333	34.24	41.67	-30.75	45.17	54.00	8.83	Horizontal

11ax(HE40)_TX_CH_187_Vertical



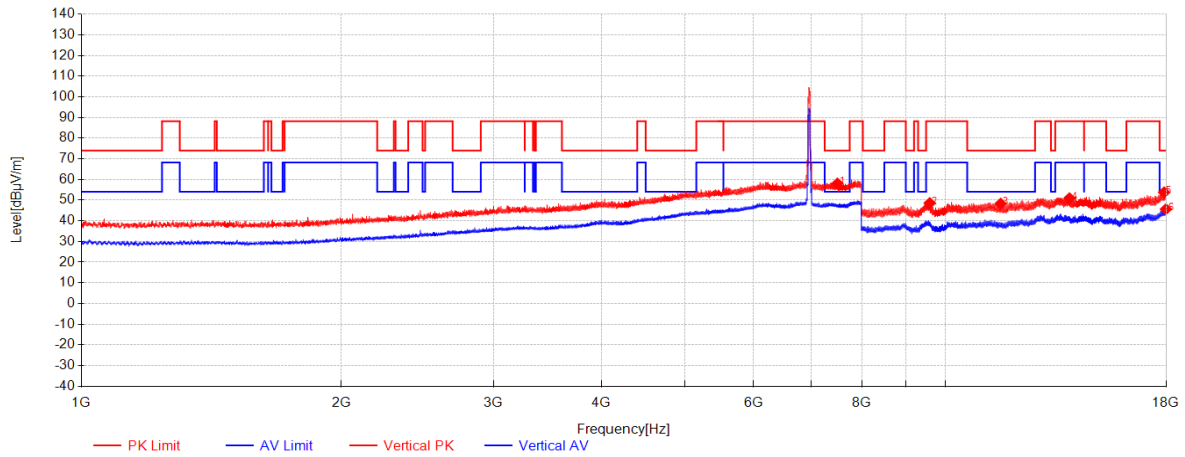
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7454	40.81	36.30	-18.00	59.11	74.00	14.89	Vertical
2	9589.6667	48.68	38.06	-37.87	48.87	88.20	39.33	Vertical
3	12798	47.12	39.66	-34.59	52.18	88.20	36.02	Vertical
4	15208.6667	45.19	39.42	-33.30	51.31	88.20	36.89	Vertical
5	17832.3333	43.03	41.21	-30.55	53.69	74.00	20.31	Vertical
6	17973.6667	35.28	41.62	-30.80	46.10	54.00	7.90	Vertical

11ax(HE40)_TX_CH_203_Horizontal



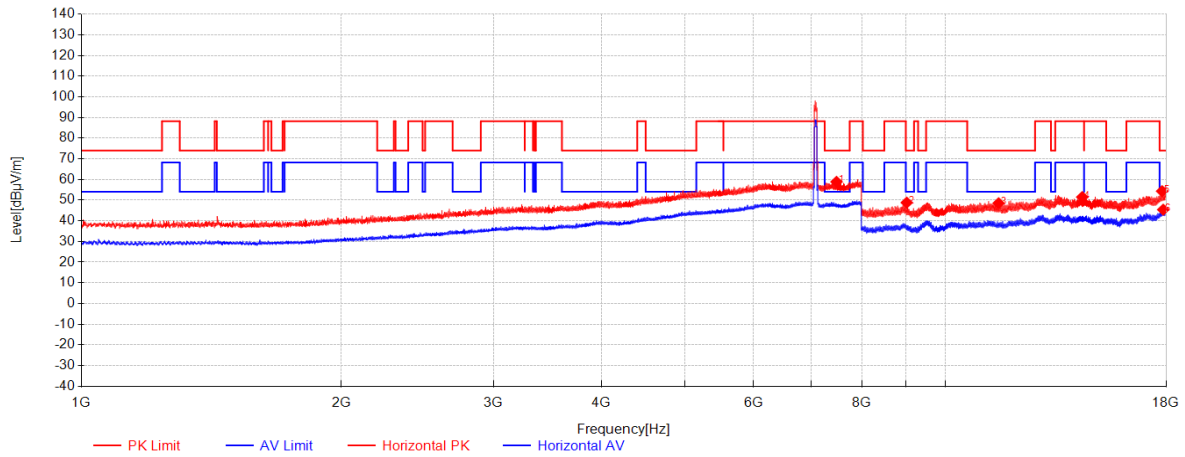
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7498.625	40.77	36.30	-18.20	58.87	74.00	15.13	Horizontal
2	9495	48.75	38.05	-38.20	48.60	74.00	25.40	Horizontal
3	12807.3333	45.83	39.67	-34.61	50.89	88.20	37.31	Horizontal
4	14837	44.30	39.90	-33.83	50.37	88.20	37.83	Horizontal
5	17914	43.22	41.45	-31.00	53.68	74.00	20.32	Horizontal
6	17929.6667	35.11	41.50	-30.95	45.66	54.00	8.34	Horizontal

11ax(HE40)_TX_CH_203_Verical



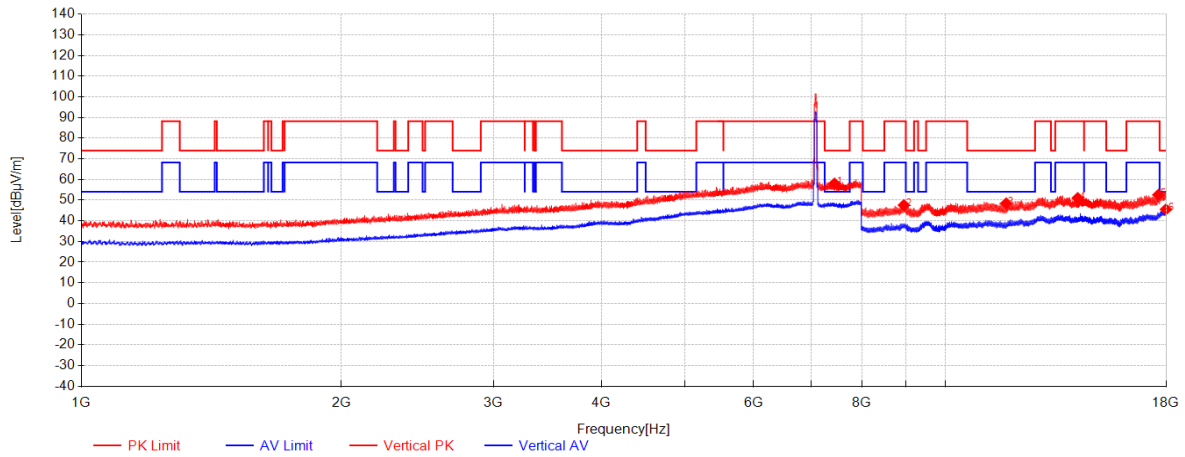
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7499.0625	39.96	36.30	-18.21	58.05	74.00	15.95	Vertical
2	9591.6667	48.37	38.06	-37.86	48.57	88.20	39.63	Vertical
3	11588.3333	44.20	38.95	-34.85	48.29	74.00	25.71	Vertical
4	13920	45.00	40.36	-34.45	50.91	88.20	37.29	Vertical
5	17912	43.31	41.44	-31.00	53.75	74.00	20.25	Vertical
6	18000	34.65	41.70	-30.72	45.63	54.00	8.37	Vertical

11ax(HE40)_TX_CH_227_Horizontal



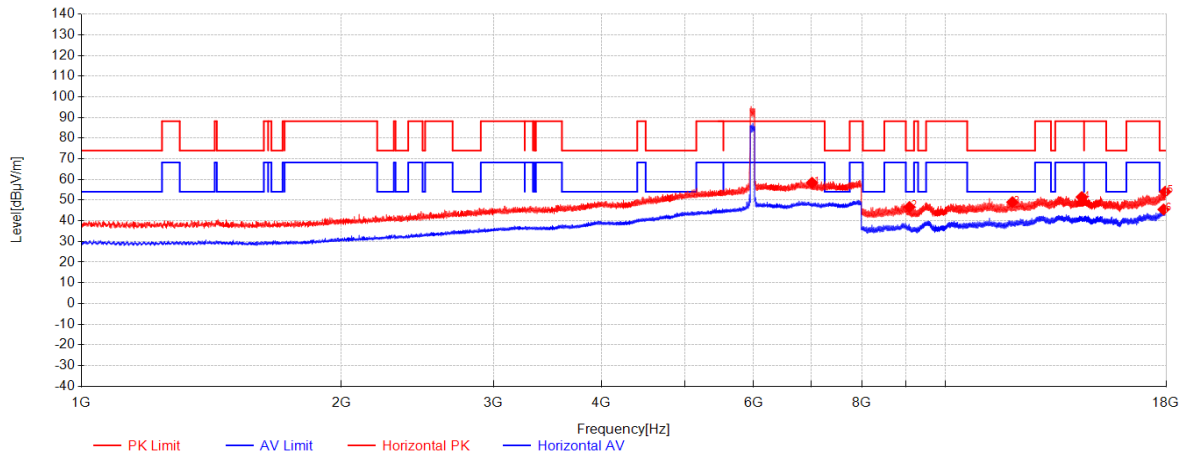
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7482.4375	40.69	36.30	-18.13	58.86	74.00	15.14	Horizontal
2	9022	49.47	38.00	-38.68	48.79	74.00	25.21	Horizontal
3	11524	45.00	38.99	-35.48	48.51	74.00	25.49	Horizontal
4	14401.6667	45.07	40.16	-33.76	51.47	88.20	36.73	Horizontal
5	17815.6667	43.60	41.17	-30.43	54.33	74.00	19.67	Horizontal
6	17868.3333	34.86	41.32	-30.81	45.37	54.00	8.63	Horizontal

11ax(HE40)_TX_CH_227_Vertical



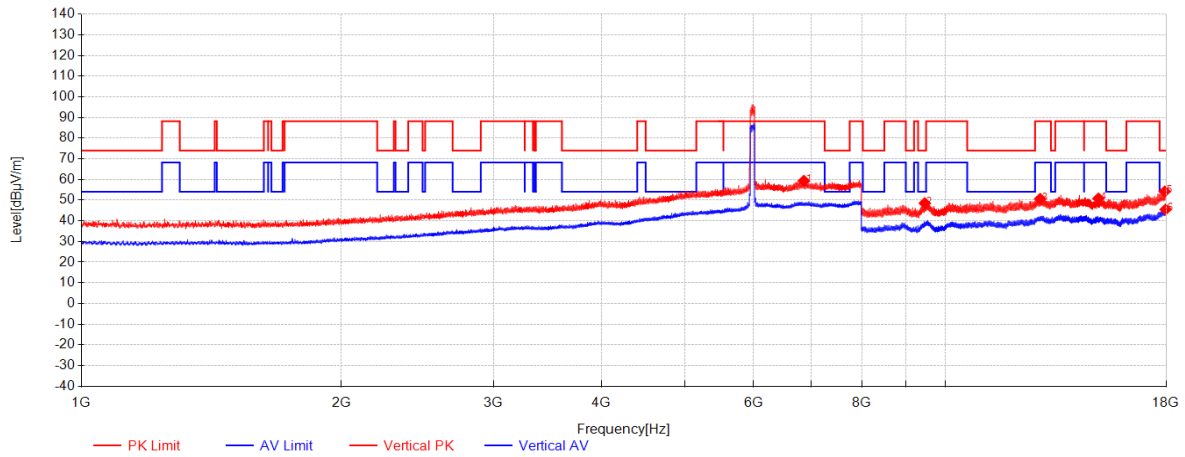
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7442.625	39.67	36.30	-17.95	58.02	74.00	15.98	Vertical
2	8952.6667	48.39	37.97	-38.76	47.59	88.20	40.61	Vertical
3	11760.3333	45.01	38.84	-35.45	48.41	74.00	25.59	Vertical
4	14227.6667	45.66	40.26	-34.93	51.00	88.20	37.20	Vertical
5	17636.3333	43.57	40.65	-31.65	52.56	88.20	35.64	Vertical
6	17997.6667	34.54	41.69	-30.73	45.51	54.00	8.49	Vertical

11ax(HE80)_TX_CH_007_Horizontal



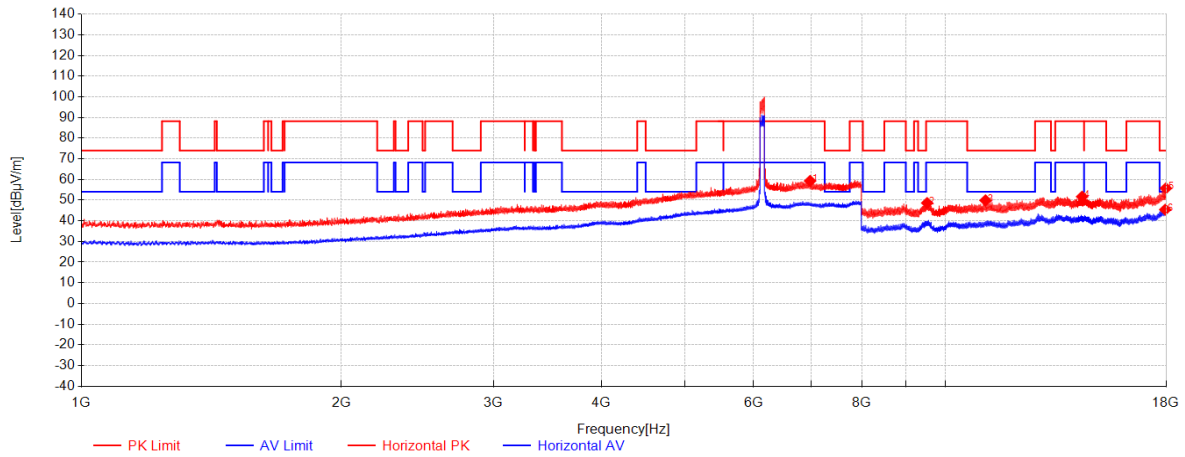
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7009.0625	39.36	36.30	-17.27	58.39	88.20	29.81	Horizontal
2	9086.3333	47.79	38.01	-39.12	46.68	74.00	27.32	Horizontal
3	11956	45.34	38.73	-35.08	48.99	74.00	25.01	Horizontal
4	14382.6667	45.19	40.17	-33.87	51.49	88.20	36.71	Horizontal
5	17963.3333	43.28	41.59	-30.84	54.04	74.00	19.96	Horizontal
6	17887	35.04	41.37	-30.95	45.47	54.00	8.53	Horizontal

11ax(HE80)_TX_CH_007_Verical



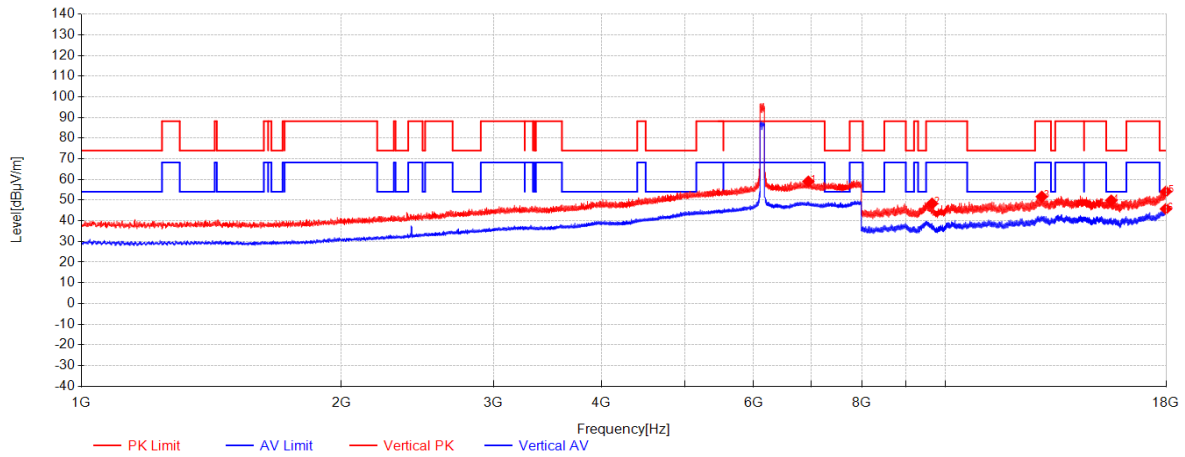
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6857.6875	40.53	36.07	-17.25	59.35	88.20	28.85	Vertical
2	9464.3333	48.70	38.05	-38.24	48.51	74.00	25.49	Vertical
3	12873.6667	45.65	39.75	-34.78	50.62	88.20	37.58	Vertical
4	15033.6667	44.98	39.74	-33.92	50.80	88.20	37.40	Vertical
5	17941.6667	43.57	41.53	-30.91	54.19	74.00	19.81	Vertical
6	17986	34.62	41.66	-30.76	45.51	54.00	8.49	Vertical

11ax(HE80)_TX_CH_039_Horizontal



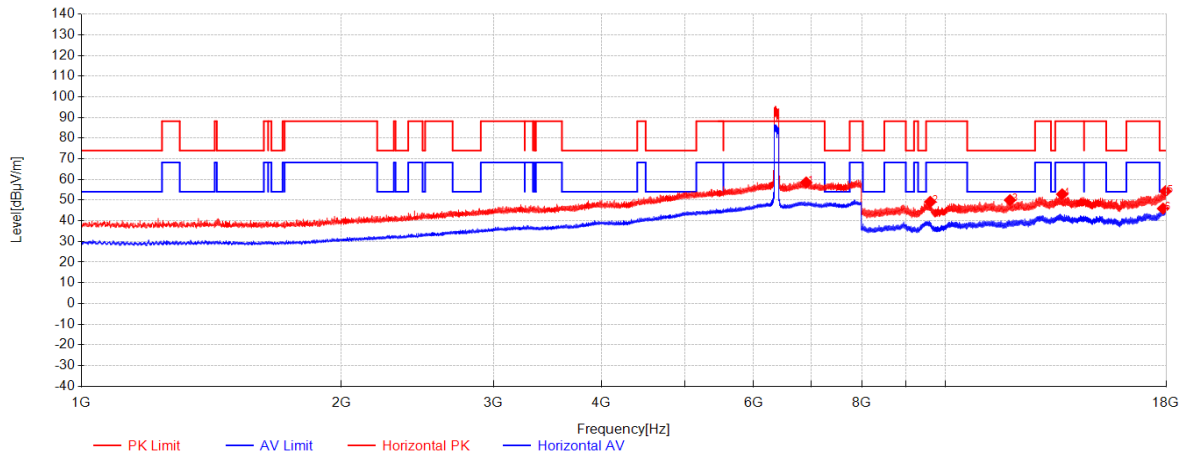
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6973.625	40.34	36.26	-17.30	59.29	88.20	28.91	Horizontal
2	9525.6667	48.67	38.05	-38.10	48.62	88.20	39.58	Horizontal
3	11128.3333	46.27	39.22	-35.61	49.88	74.00	24.12	Horizontal
4	14394.6667	45.29	40.16	-33.78	51.67	88.20	36.53	Horizontal
5	17997.6667	44.77	41.69	-30.73	55.74	74.00	18.26	Horizontal
6	17964.6667	34.63	41.60	-30.83	45.39	54.00	8.61	Horizontal

11ax(HE80)_TX_CH_039_Verical



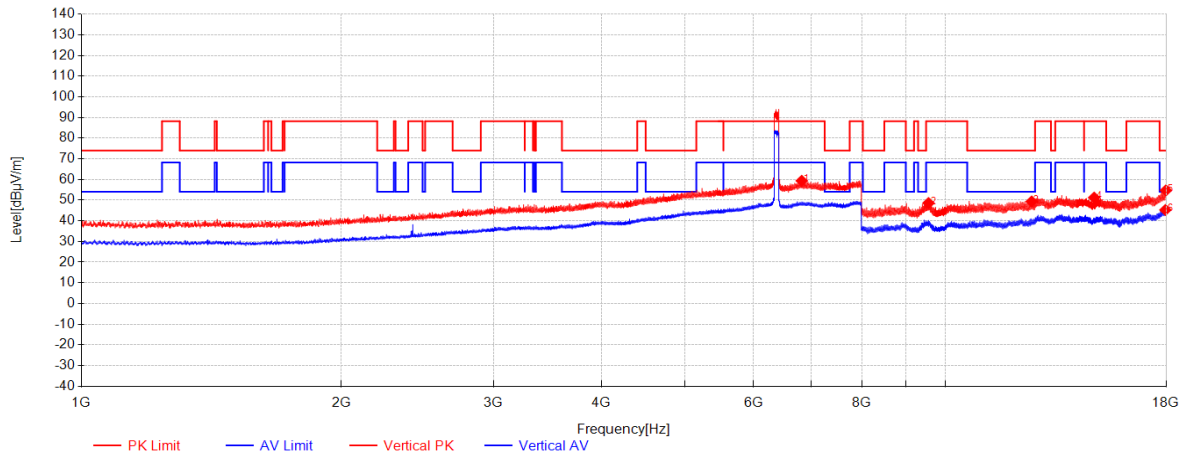
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6941.25	40.15	36.21	-17.35	59.01	88.20	29.19	Vertical
2	9652.3333	47.95	38.07	-37.67	48.35	88.20	39.85	Vertical
3	12929	46.72	39.81	-34.85	51.68	88.20	36.52	Vertical
4	15559.3333	44.05	38.79	-33.00	49.84	74.00	24.16	Vertical
5	17997.6667	43.17	41.69	-30.73	54.14	74.00	19.86	Vertical
6	17996	34.79	41.69	-30.73	45.75	54.00	8.25	Vertical

11ax(HE80)_TX_CH_087_Horizontal



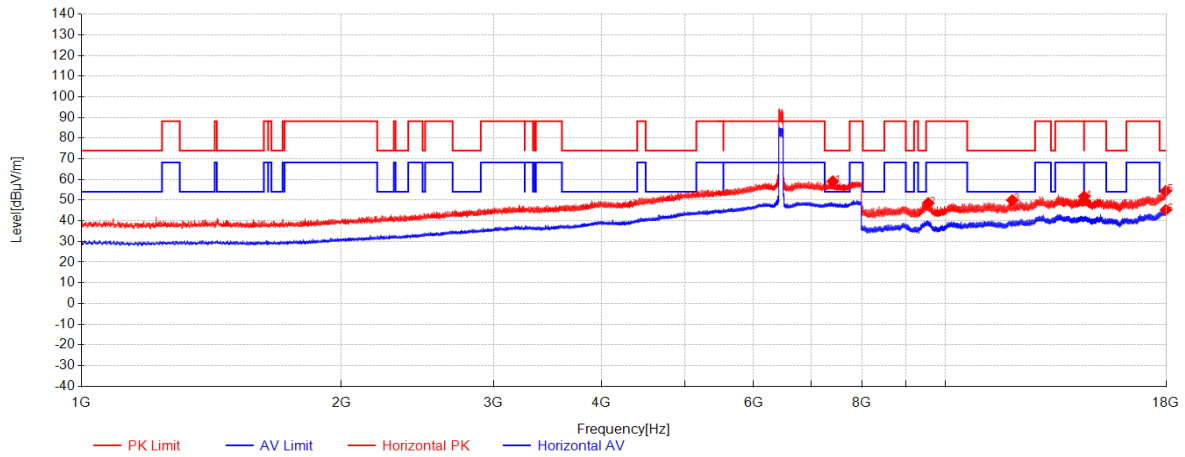
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6901.875	39.82	36.14	-17.40	58.57	88.20	29.63	Horizontal
2	9605	48.93	38.06	-37.81	49.18	88.20	39.02	Horizontal
3	11879.3333	46.15	38.77	-34.91	50.01	74.00	23.99	Horizontal
4	13650	47.19	40.23	-34.58	52.84	88.20	35.36	Horizontal
5	17980.6667	43.44	41.64	-30.78	54.30	74.00	19.70	Horizontal
6	17861	35.36	41.30	-30.76	45.90	54.00	8.10	Horizontal

11ax(HE80)_TX_CH_087_Verical



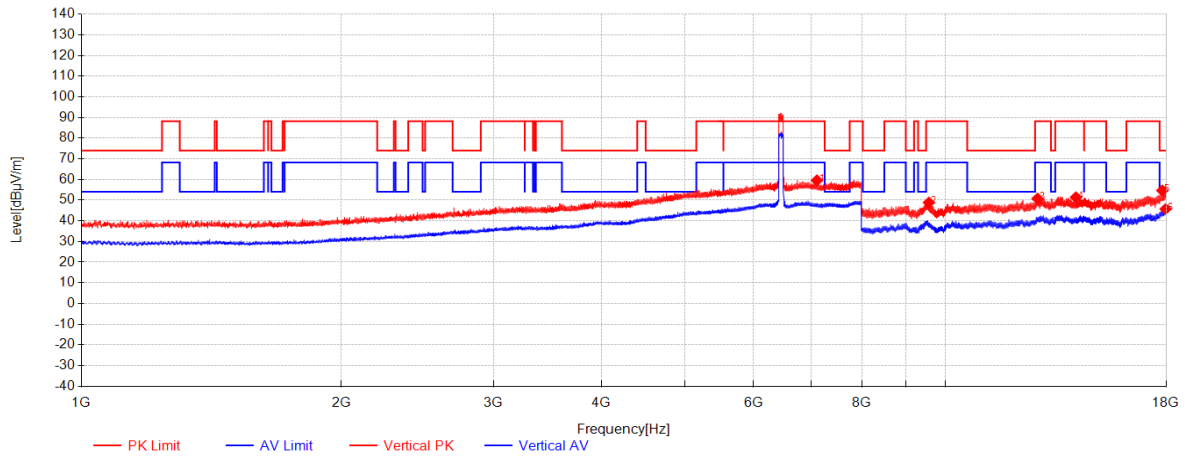
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6820.0625	40.44	36.01	-17.11	59.34	88.20	28.86	Vertical
2	9560.6667	48.50	38.06	-37.97	48.58	88.20	39.62	Vertical
3	12585.3333	45.32	39.40	-35.38	49.34	74.00	24.66	Vertical
4	14865	44.92	39.88	-33.61	51.19	88.20	37.01	Vertical
5	17996	43.76	41.69	-30.73	54.72	74.00	19.28	Vertical
6	17973.3333	34.44	41.62	-30.81	45.26	54.00	8.74	Vertical

11ax(HE80)_TX_CH_103_Horizontal



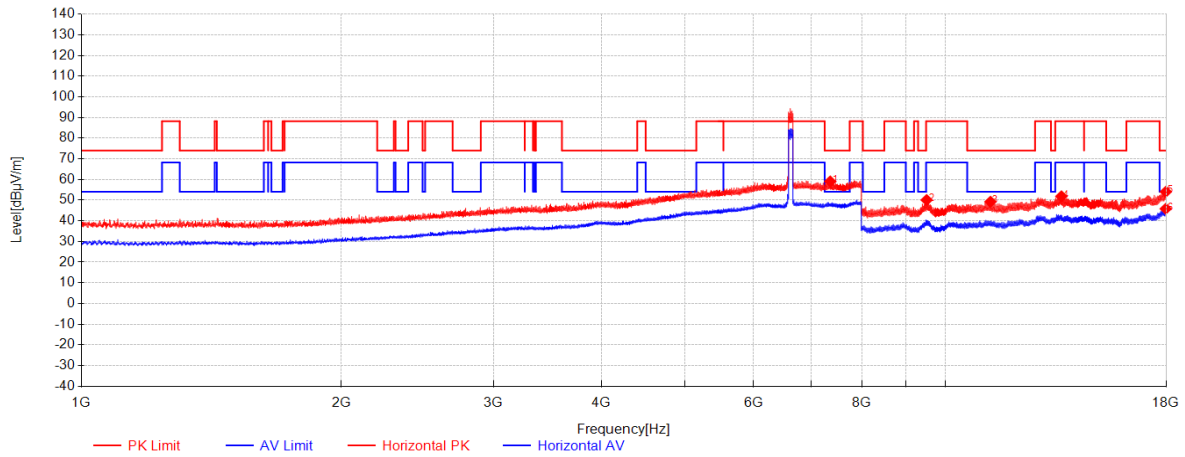
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7407.1875	40.60	36.30	-17.78	59.12	74.00	14.88	Horizontal
2	9551.3333	48.53	38.06	-38.01	48.58	88.20	39.62	Horizontal
3	11948.6667	46.26	38.73	-35.04	49.95	74.00	24.05	Horizontal
4	14474.3333	46.07	40.12	-34.42	51.76	74.00	22.24	Horizontal
5	17992.3333	43.49	41.68	-30.74	54.42	74.00	19.58	Horizontal
6	17995.3333	34.34	41.69	-30.73	45.29	54.00	8.71	Horizontal

11ax(HE80)_TX_CH_103_Verical



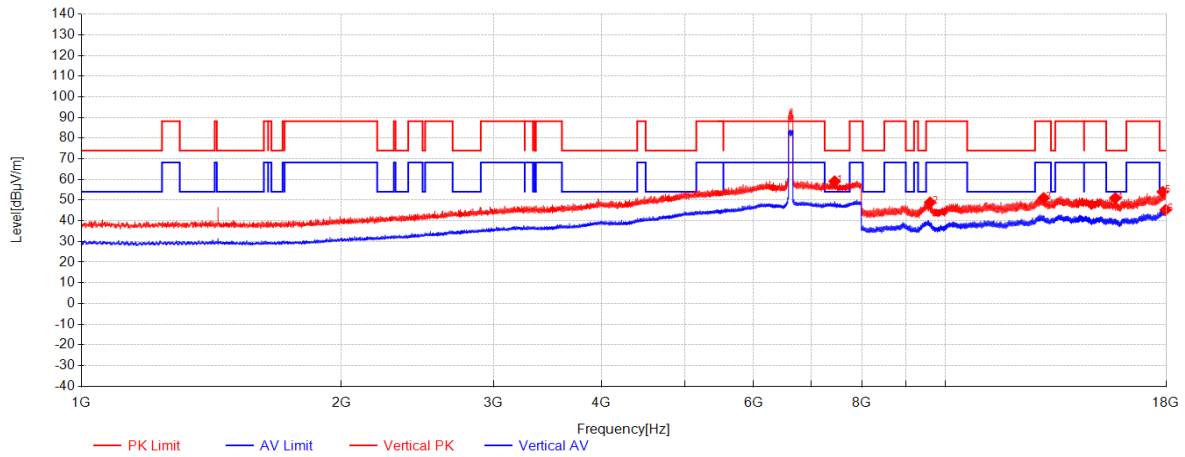
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7101.375	40.57	36.30	-17.32	59.55	88.20	28.65	Vertical
2	9570.3333	48.70	38.06	-37.94	48.82	88.20	39.38	Vertical
3	12782	45.71	39.64	-34.62	50.73	88.20	37.47	Vertical
4	14160.6667	45.99	40.30	-34.97	51.33	88.20	36.87	Vertical
5	17827	43.97	41.20	-30.51	54.65	74.00	19.35	Vertical
6	17984.3333	34.84	41.65	-30.77	45.72	54.00	8.28	Vertical

11ax(HE80)_TX_CH_135_Horizontal



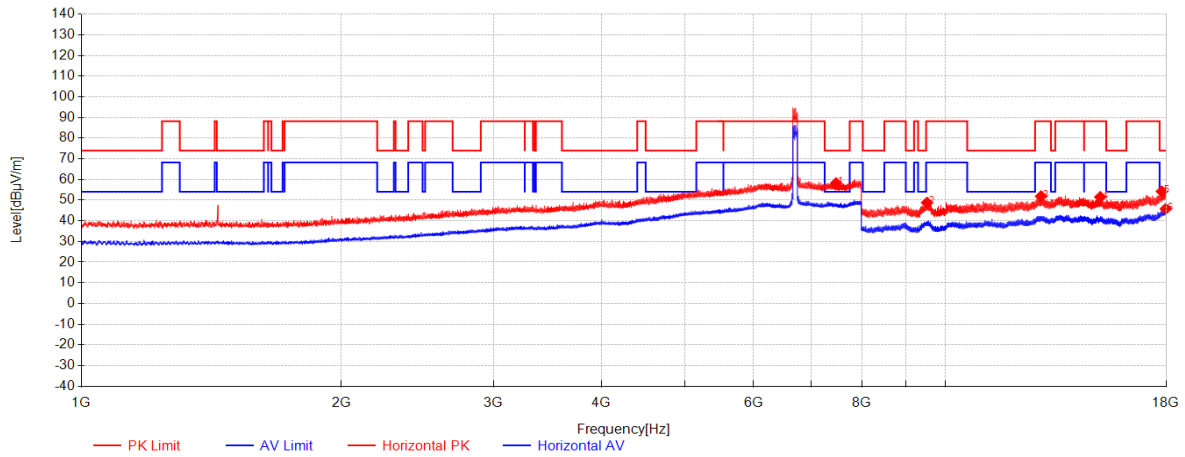
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7358.1875	40.48	36.30	-17.75	59.03	74.00	14.97	Horizontal
2	9513	50.14	38.05	-38.14	50.05	88.20	38.15	Horizontal
3	11277.3333	45.47	39.13	-35.37	49.23	74.00	24.77	Horizontal
4	13623.3333	46.06	40.21	-34.44	51.83	88.20	36.37	Horizontal
5	17993	43.11	41.68	-30.74	54.05	74.00	19.95	Horizontal
6	17989	34.89	41.67	-30.76	45.80	54.00	8.20	Horizontal

11ax(HE80)_TX_CH_135_Vertical



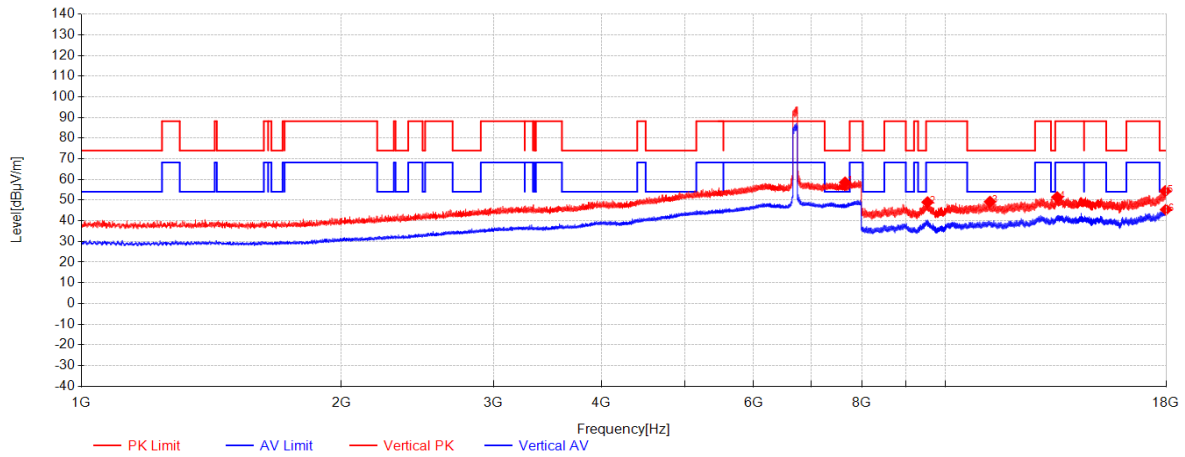
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7443.9375	40.73	36.30	-17.95	59.08	74.00	14.92	Vertical
2	9599	48.66	38.06	-37.83	48.89	88.20	39.31	Vertical
3	12991	45.96	39.89	-34.85	51.00	88.20	37.20	Vertical
4	15726.6667	45.20	38.49	-32.72	50.98	74.00	23.02	Vertical
5	17845.3333	43.39	41.25	-30.65	54.00	74.00	20.00	Vertical
6	17982.3333	34.40	41.65	-30.78	45.27	54.00	8.73	Vertical

11ax(HE80)_TX_CH_151_Horizontal



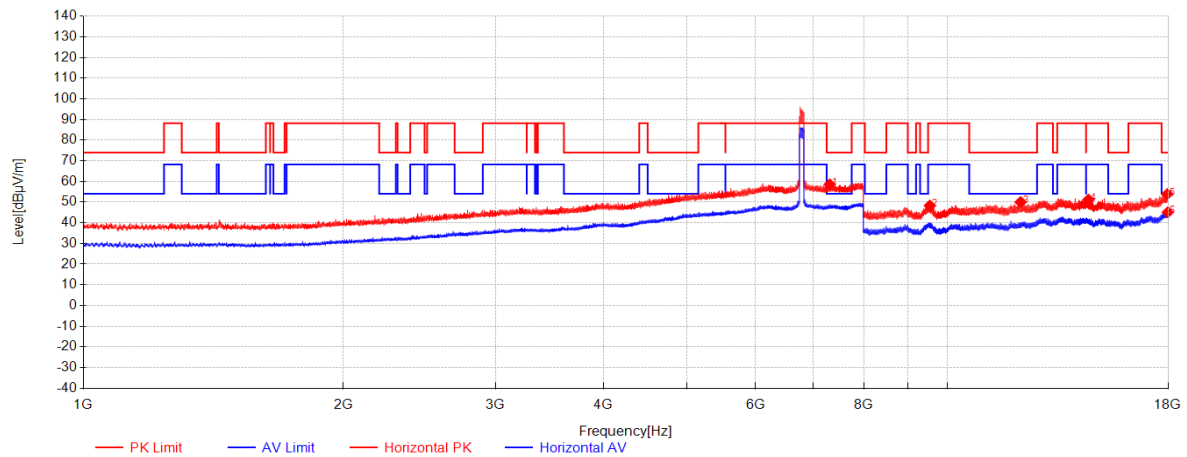
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7473.6875	40.01	36.30	-18.09	58.22	74.00	15.78	Horizontal
2	9522.3333	48.82	38.05	-38.11	48.76	88.20	39.44	Horizontal
3	12905	46.93	39.79	-34.85	51.87	88.20	36.33	Horizontal
4	15110.3333	45.70	39.60	-33.79	51.51	88.20	36.69	Horizontal
5	17801	43.40	41.12	-30.33	54.20	74.00	19.80	Horizontal
6	17991.6667	34.86	41.68	-30.75	45.79	54.00	8.21	Horizontal

11ax(HE80)_TX_CH_151_Verical



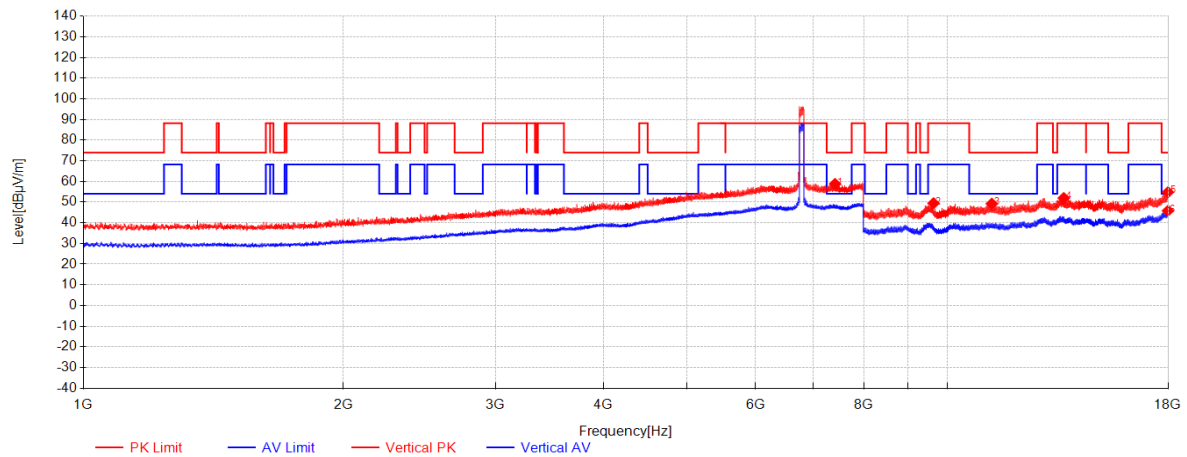
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7654.375	40.49	36.61	-18.54	58.56	74.00	15.44	Vertical
2	9535	49.01	38.05	-38.06	49.00	88.20	39.20	Vertical
3	11262.6667	45.51	39.14	-35.43	49.22	74.00	24.78	Vertical
4	13471.3333	45.92	40.14	-34.62	51.44	88.20	36.76	Vertical
5	17964	43.59	41.60	-30.84	54.35	74.00	19.65	Vertical
6	18000	34.43	41.70	-30.72	45.41	54.00	8.59	Vertical

11ax(HE80)_TX_CH_167_Horizontal



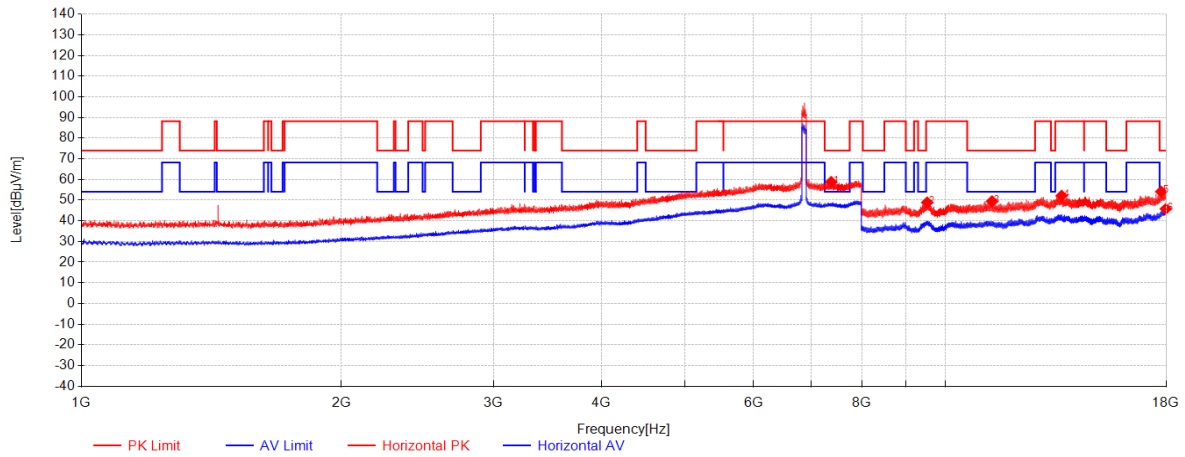
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7308.3125	40.01	36.30	-17.75	58.56	74.00	15.44	Horizontal
2	9543.6667	48.33	38.05	-38.03	48.35	88.20	39.85	Horizontal
3	12154.3333	46.19	38.89	-35.03	50.05	74.00	23.95	Horizontal
4	14565.3333	45.53	40.06	-34.39	51.20	88.20	37.00	Horizontal
5	17968	43.13	41.61	-30.82	53.91	74.00	20.09	Horizontal
6	17990.6667	34.16	41.67	-30.75	45.08	54.00	8.92	Horizontal

11ax(HE80)_TX_CH_167_Verical



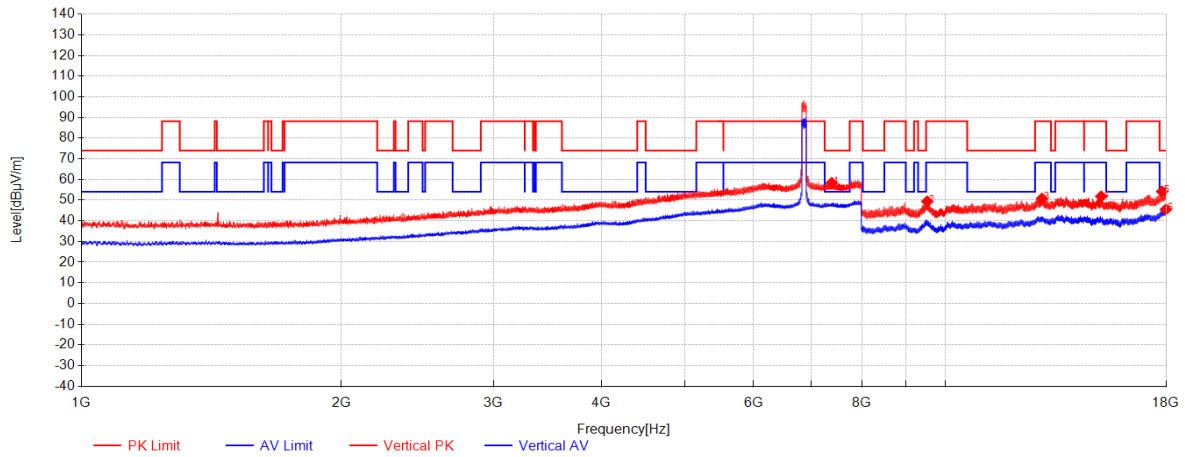
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7413.3125	40.31	36.30	-17.81	58.80	74.00	15.20	Vertical
2	9637.3333	49.10	38.06	-37.71	49.45	88.20	38.75	Vertical
3	11256	45.54	39.15	-35.45	49.23	74.00	24.77	Vertical
4	13635.6667	46.28	40.22	-34.50	51.99	88.20	36.21	Vertical
5	17999	43.83	41.70	-30.72	54.80	74.00	19.20	Vertical
6	17996.6667	34.86	41.69	-30.73	45.82	54.00	8.18	Vertical

11ax(HE80)_TX_CH_183_Horizontal



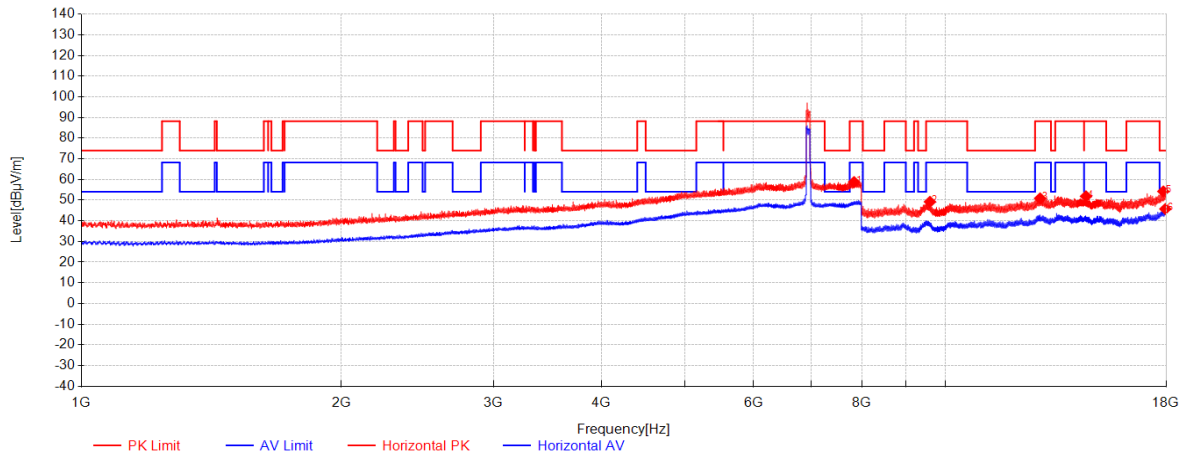
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7376.5625	40.25	36.30	-17.75	58.80	74.00	15.20	Horizontal
2	9527	48.91	38.05	-38.09	48.87	88.20	39.33	Horizontal
3	11325	45.80	39.10	-35.44	49.46	74.00	24.54	Horizontal
4	13629	46.39	40.21	-34.47	52.13	88.20	36.07	Horizontal
5	17771.6667	43.58	41.04	-30.53	54.09	74.00	19.91	Horizontal
6	17992.6667	34.82	41.68	-30.74	45.76	54.00	8.24	Horizontal

11ax(HE80)_TX_CH_183_Verical



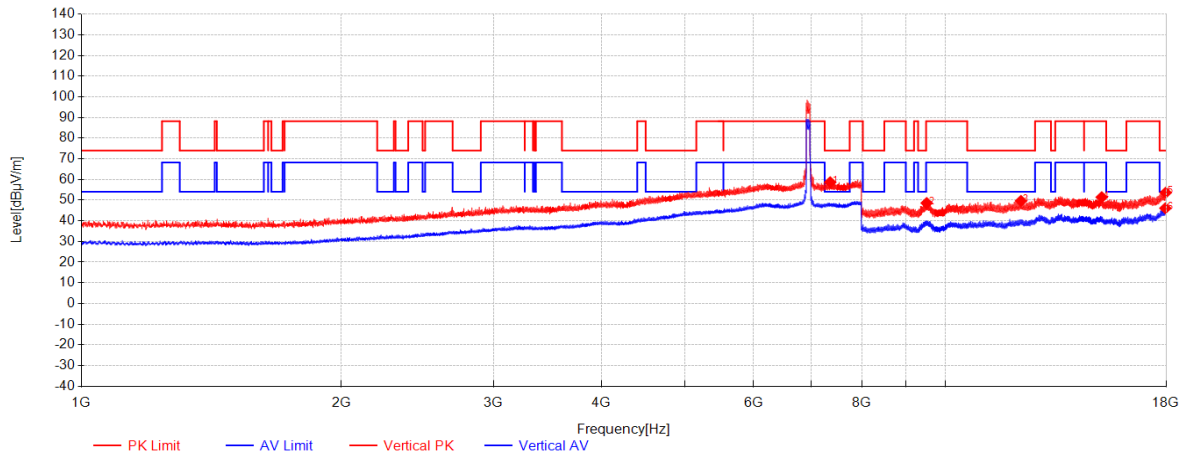
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7387.0625	39.79	36.30	-17.75	58.34	74.00	15.66	Vertical
2	9527	49.45	38.05	-38.09	49.41	88.20	38.79	Vertical
3	12935.6667	45.78	39.82	-34.85	50.75	88.20	37.45	Vertical
4	15147	45.85	39.54	-33.59	51.79	88.20	36.41	Vertical
5	17815.3333	43.47	41.16	-30.43	54.20	74.00	19.80	Vertical
6	17993.3333	34.53	41.68	-30.74	45.47	54.00	8.53	Vertical

11ax(HE80)_TX_CH_199_Horizontal



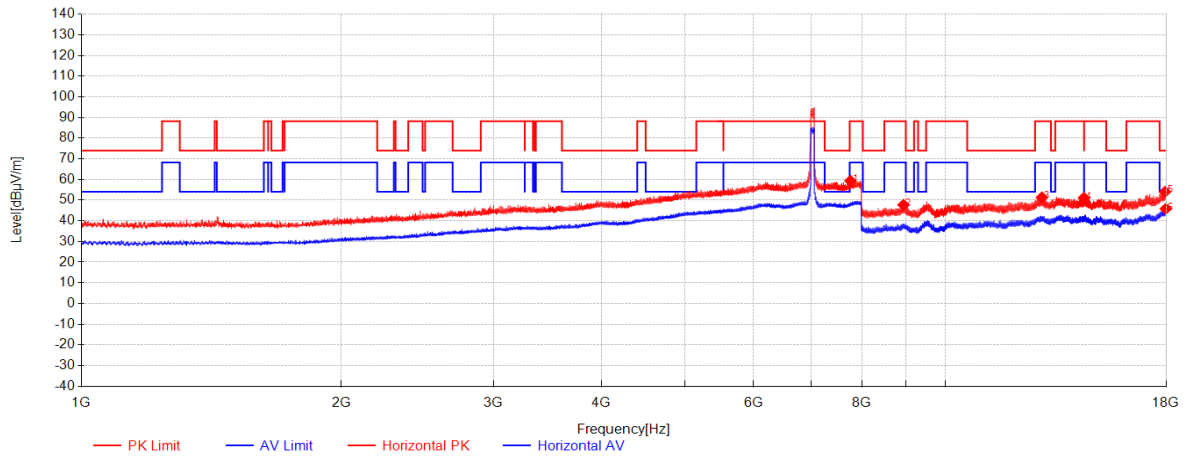
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7839.875	40.53	36.98	-18.77	58.74	88.20	29.46	Horizontal
2	9597.3333	48.96	38.06	-37.84	49.18	88.20	39.02	Horizontal
3	12870.6667	45.88	39.74	-34.77	50.85	88.20	37.35	Horizontal
4	14546	46.24	40.07	-34.47	51.84	88.20	36.36	Horizontal
5	17874	43.74	41.33	-30.85	54.22	74.00	19.78	Horizontal
6	17971	34.93	41.62	-30.81	45.73	54.00	8.27	Horizontal

11ax(HE80)_TX_CH_199_Verical



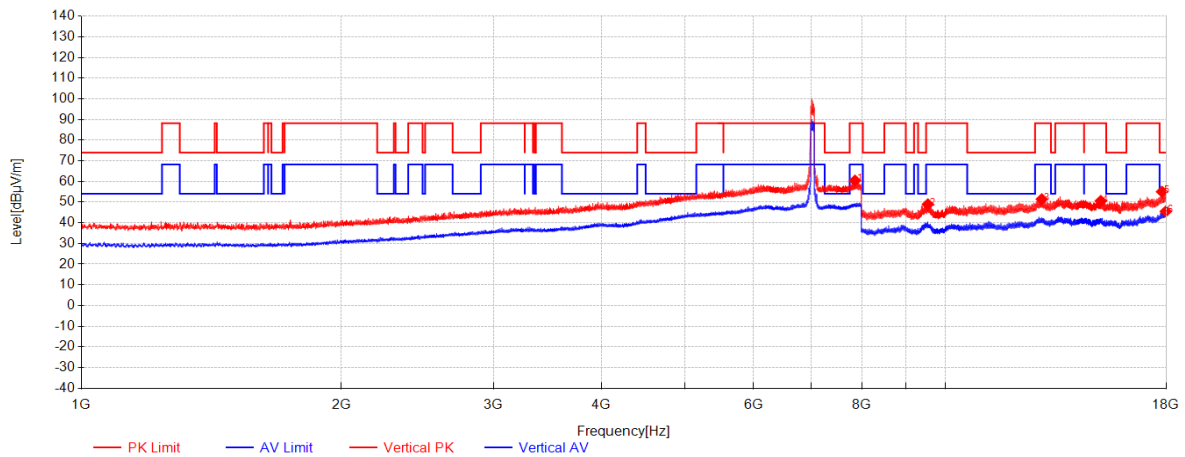
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7357.3125	40.10	36.30	-17.75	58.65	74.00	15.35	Vertical
2	9513.3333	48.70	38.05	-38.14	48.61	88.20	39.59	Vertical
3	12232.6667	45.47	38.98	-34.84	49.61	74.00	24.39	Vertical
4	15167	45.38	39.50	-33.48	51.40	88.20	36.80	Vertical
5	17986.3333	42.70	41.66	-30.76	53.60	74.00	20.40	Vertical
6	17971.6667	35.27	41.62	-30.81	46.08	54.00	7.92	Vertical

11ax(HE80)_TX_CH_215_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7763.75	41.19	36.83	-18.68	59.34	88.20	28.86	Horizontal
2	8943.6667	48.55	37.96	-38.81	47.70	88.20	40.50	Horizontal
3	12932.6667	46.35	39.82	-34.85	51.32	88.20	36.88	Horizontal
4	14463	45.28	40.12	-34.32	51.08	88.20	37.12	Horizontal
5	17957.3333	43.34	41.58	-30.86	54.06	74.00	19.94	Horizontal
6	17989.6667	34.89	41.67	-30.75	45.81	54.00	8.19	Horizontal

11ax(HE80)_TX_CH_215_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7859.5625	42.22	37.02	-18.80	60.44	88.20	27.76	Vertical
2	9545.6667	48.92	38.05	-38.03	48.95	88.20	39.25	Vertical
3	12927.6667	46.46	39.81	-34.85	51.42	88.20	36.78	Vertical
4	15130.6667	44.69	39.56	-33.68	50.57	88.20	37.63	Vertical
5	17811.6667	44.29	41.15	-30.40	55.04	74.00	18.96	Vertical
6	17992	34.58	41.68	-30.75	45.51	54.00	8.49	Vertical

7.4 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.10.5 & 12.7.2

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

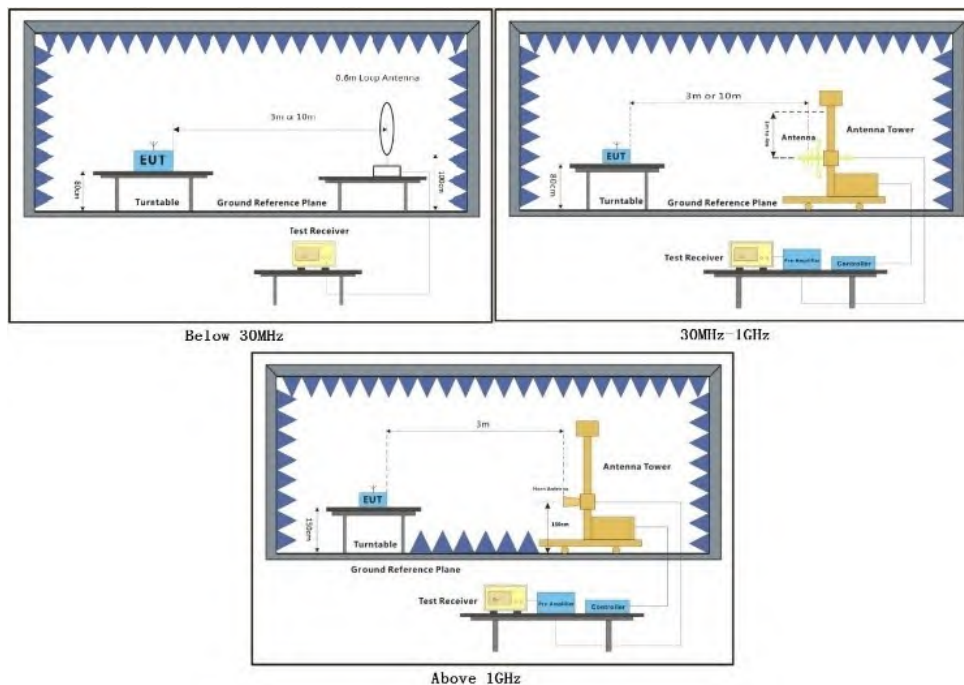
Humidity: 43 % RH

Atmospheric Pressure: 1023 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

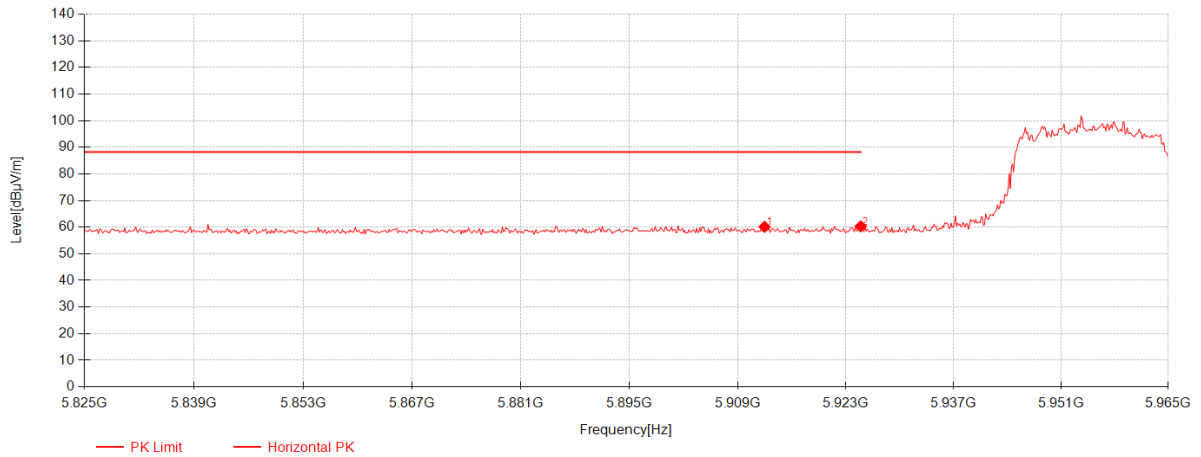
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 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: 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 3: 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.

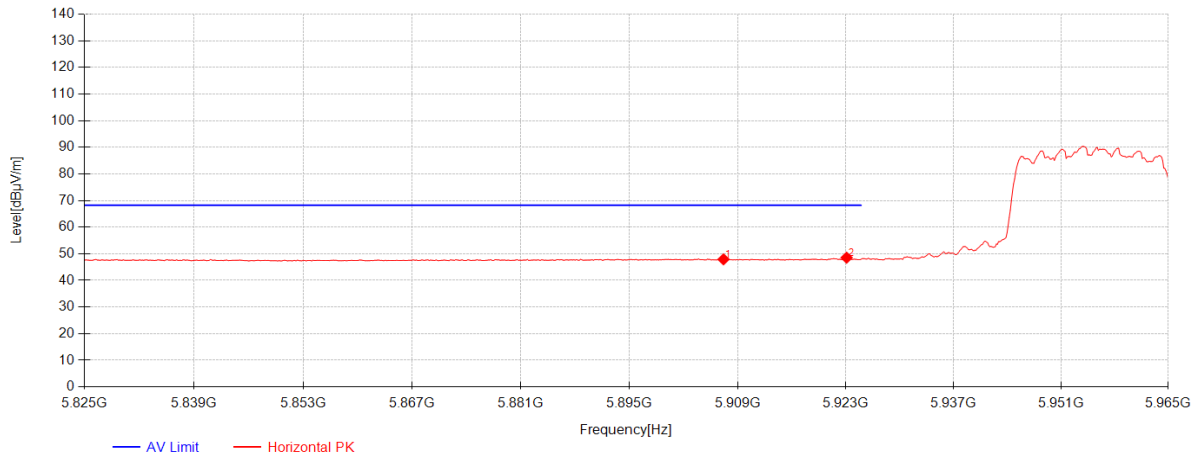
11ax(HE20)_TX_CH_001_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5912.5	39.05	33.13	-12.04	60.14	88.20	28.06	Horizontal
2	5924.96	39.20	33.15	-12.02	60.33	88.20	27.87	Horizontal

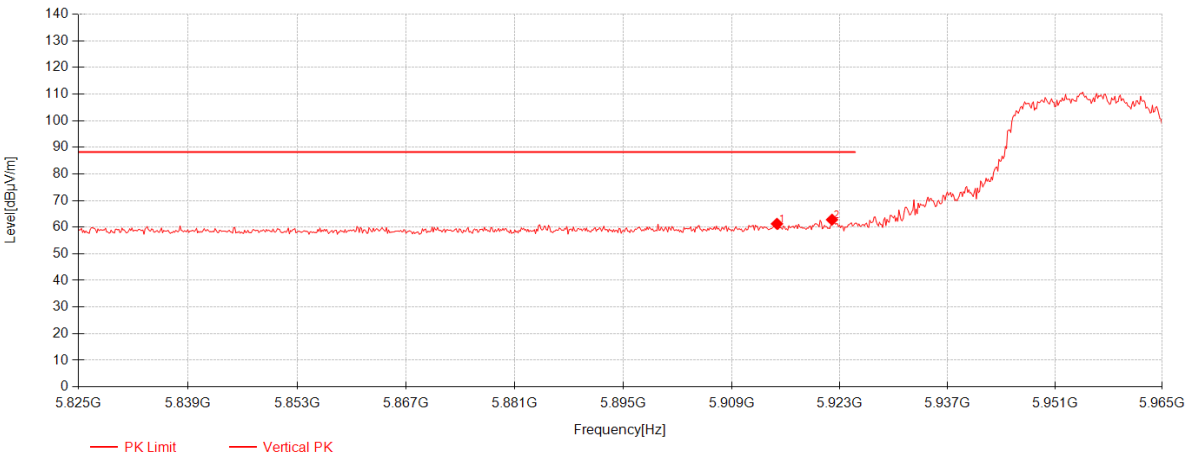


11ax(HE20)_TX_CH_001_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5907.18	26.86	33.11	-12.05	47.92	68.20	20.28	Horizontal
2	5923.14	27.42	33.15	-12.03	48.54	68.20	19.66	Horizontal

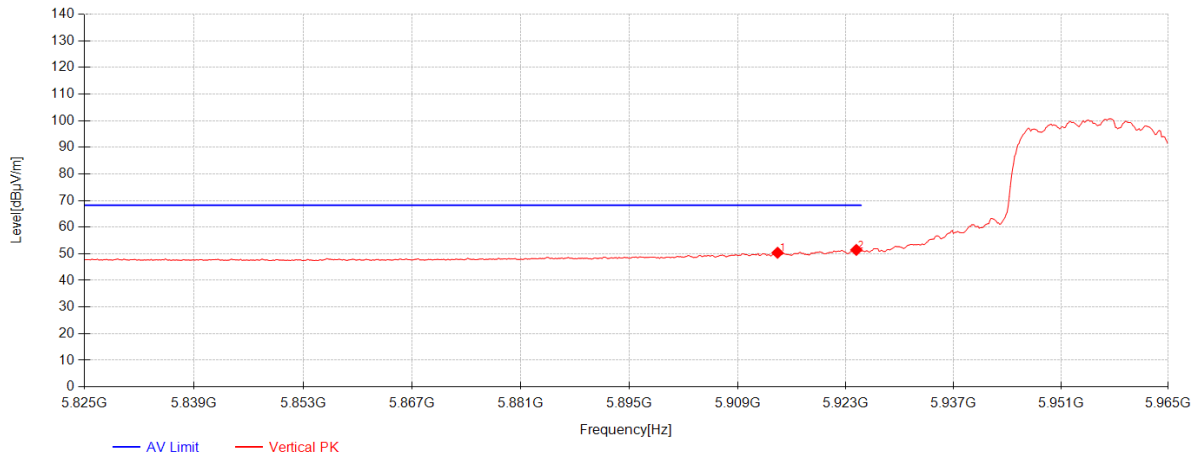
11ax(HE20)_TX_CH_001_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5914.88	40.17	33.13	-12.04	61.26	88.20	26.94	Vertical
2	5922.02	41.70	33.14	-12.03	62.81	88.20	25.39	Vertical



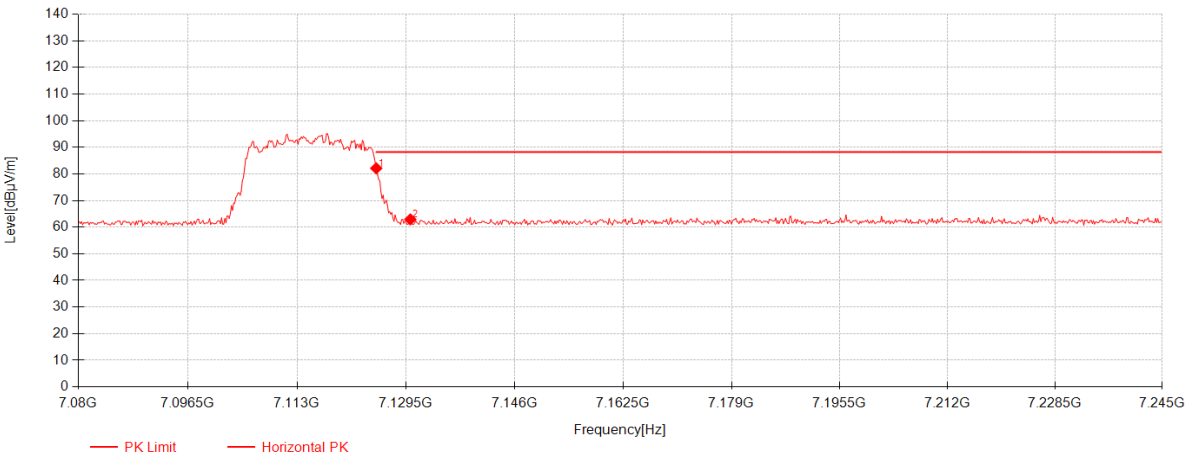
11ax(HE20)_TX_CH_001_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5914.18	29.29	33.13	-12.04	50.38	68.20	17.82	Vertical
2	5924.4	30.33	33.15	-12.02	51.46	68.20	16.74	Vertical

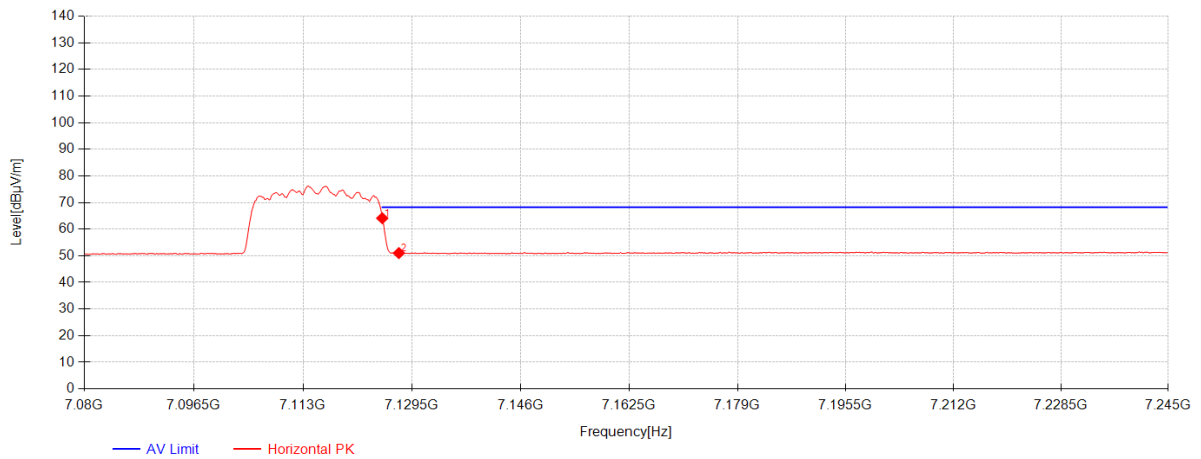


11ax(HE20)_TX_CH_233_Horizontal_Peak



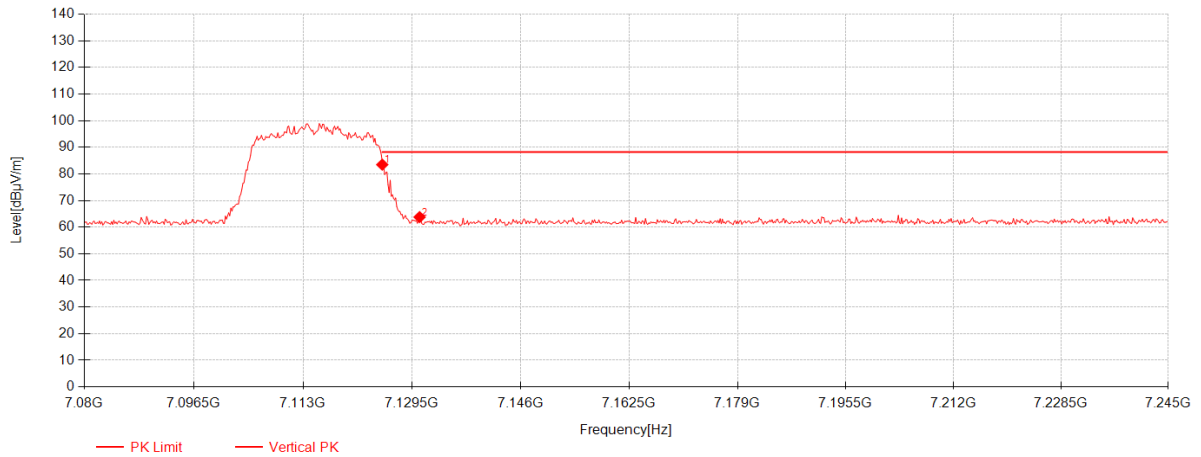
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	57.81	36.15	-11.85	82.11	88.20	6.09	Horizontal
2	7130.16	38.60	36.14	-11.82	62.92	88.20	25.28	Horizontal

11ax(HE20)_TX_CH_233_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	39.81	36.15	-11.85	64.11	68.20	4.09	Horizontal
2	7127.52	26.72	36.14	-11.84	51.02	68.20	17.18	Horizontal

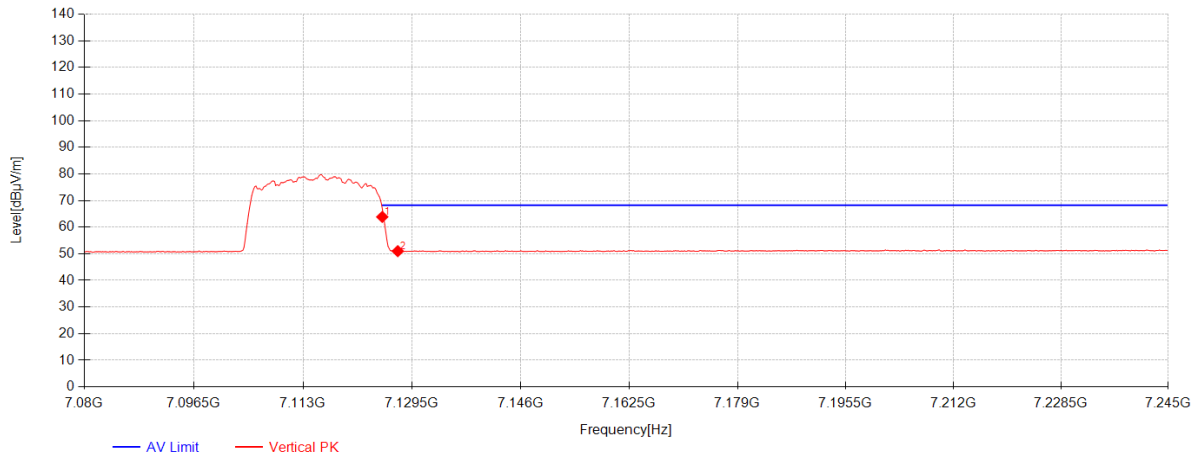
11ax(HE20)_TX_CH_233_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	59.18	36.15	-11.85	83.48	88.20	4.72	Vertical
2	7130.655	39.46	36.14	-11.82	63.78	88.20	24.42	Vertical



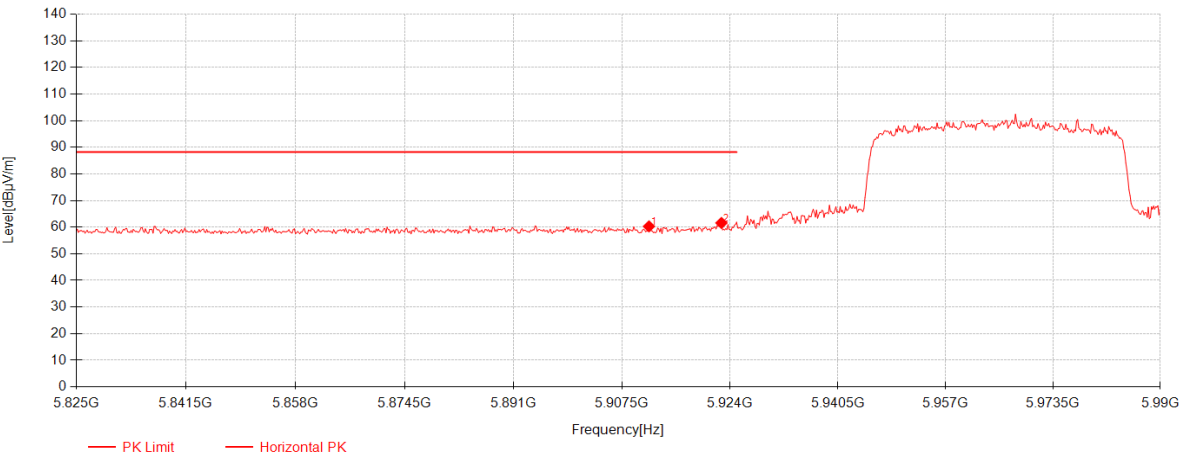
11ax(HE20)_TX_CH_233_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	39.56	36.15	-11.85	63.86	68.20	4.34	Vertical
2	7127.355	26.68	36.15	-11.84	50.99	68.20	17.21	Vertical



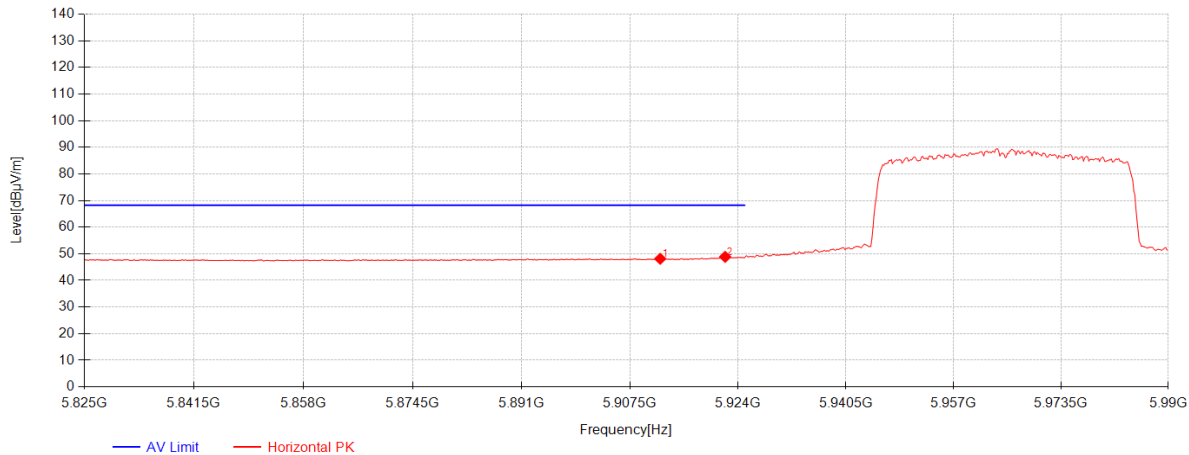
11ax(HE40)_TX_CH_003_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5911.625	39.22	33.12	-12.04	60.30	88.20	27.90	Horizontal
2	5922.68	40.47	33.15	-12.03	61.59	88.20	26.61	Horizontal



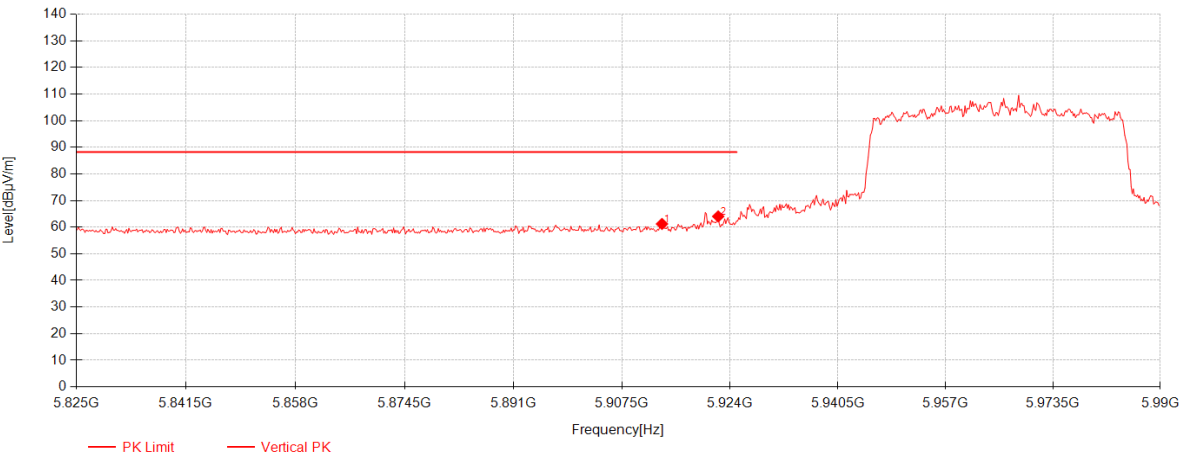
11ax(HE40)_TX_CH_003_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5912.12	27.05	33.12	-12.04	48.13	68.20	20.07	Horizontal
2	5922.02	27.74	33.14	-12.03	48.85	68.20	19.35	Horizontal



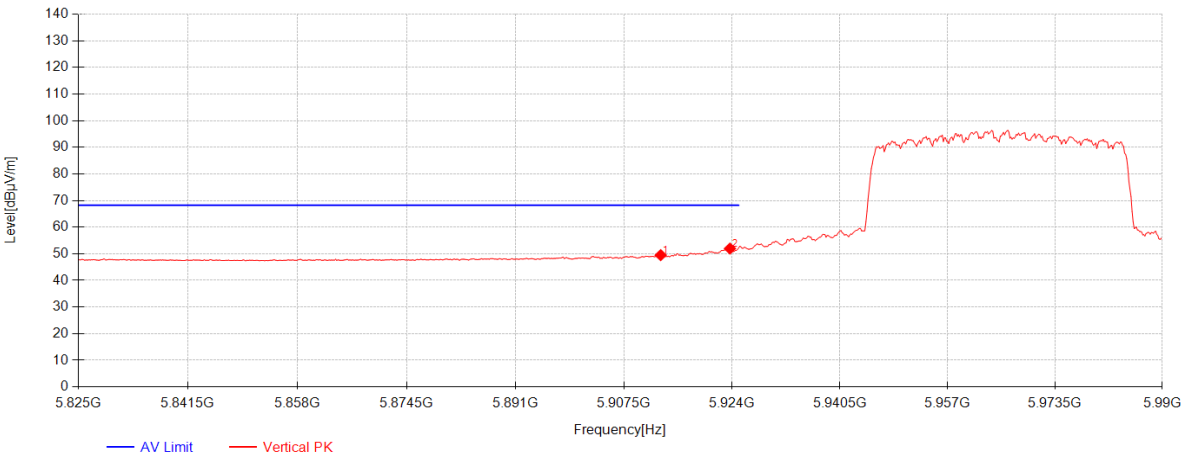
11ax(HE40)_TX_CH_003_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5913.605	40.12	33.13	-12.04	61.21	88.20	26.99	Vertical
2	5922.185	42.93	33.14	-12.03	64.04	88.20	24.16	Vertical



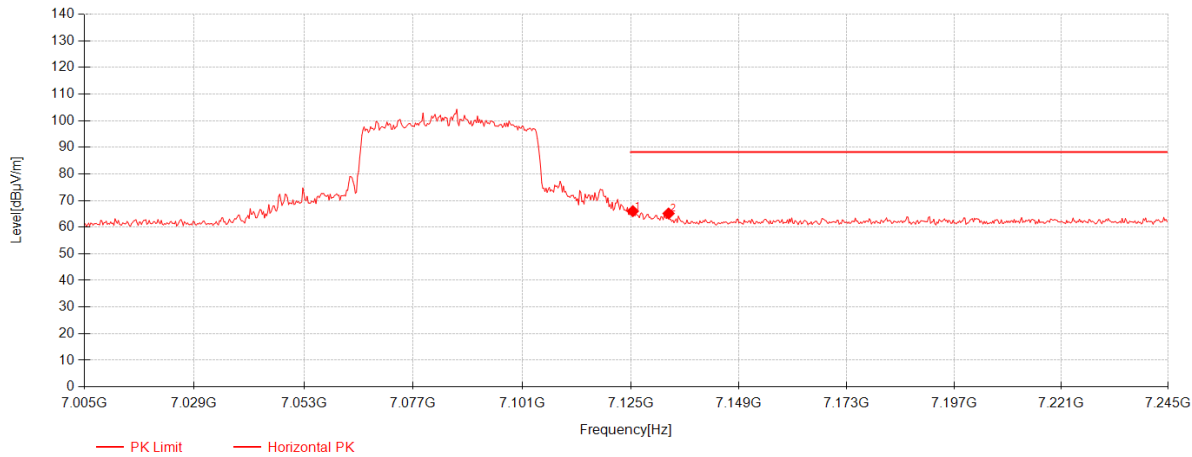
11ax(HE40)_TX_CH_003_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5913.11	28.41	33.13	-12.04	49.50	68.20	18.70	Vertical
2	5923.67	30.84	33.15	-12.02	51.97	68.20	16.23	Vertical

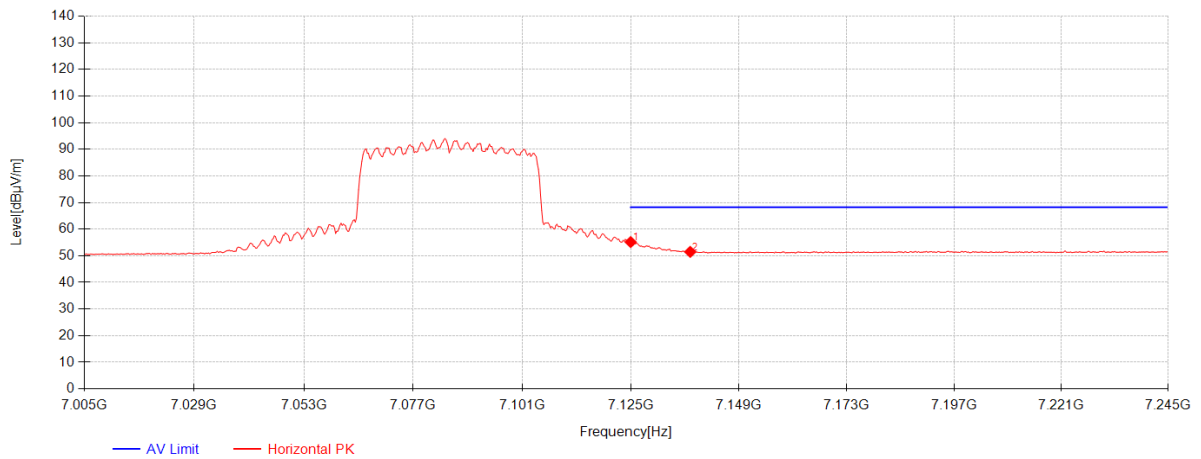


11ax(HE40)_TX_CH_227_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125.48	41.72	36.15	-11.85	66.02	88.20	22.18	Horizontal
2	7133.4	40.82	36.13	-11.81	65.14	88.20	23.06	Horizontal

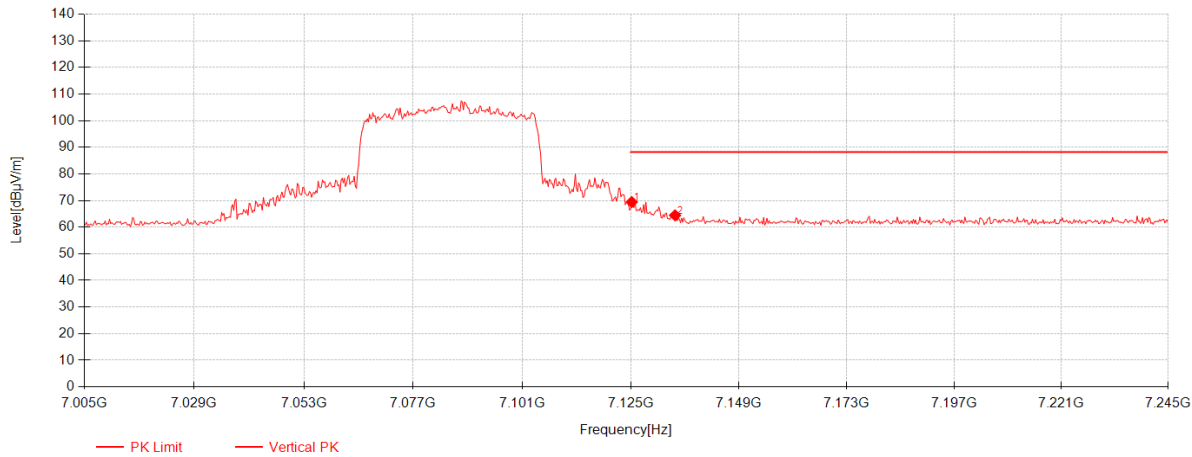
11ax(HE40)_TX_CH_227_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	30.85	36.15	-11.85	55.15	68.20	13.05	Horizontal
2	7138.2	27.14	36.12	-11.79	51.47	68.20	16.73	Horizontal



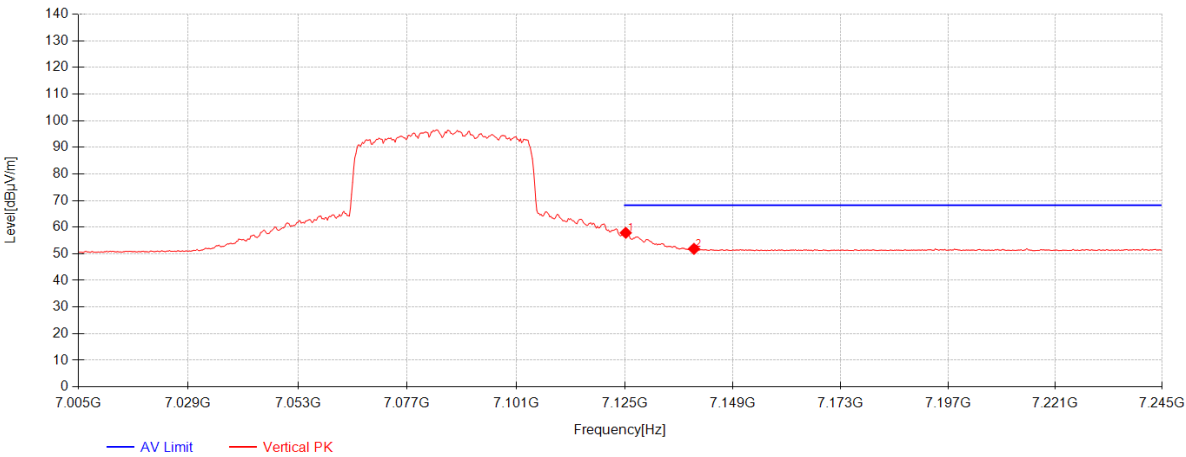
11ax(HE40)_TX_CH_227_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125.24	45.15	36.15	-11.85	69.45	88.20	18.75	Vertical
2	7134.84	40.11	36.13	-11.80	64.44	88.20	23.76	Vertical



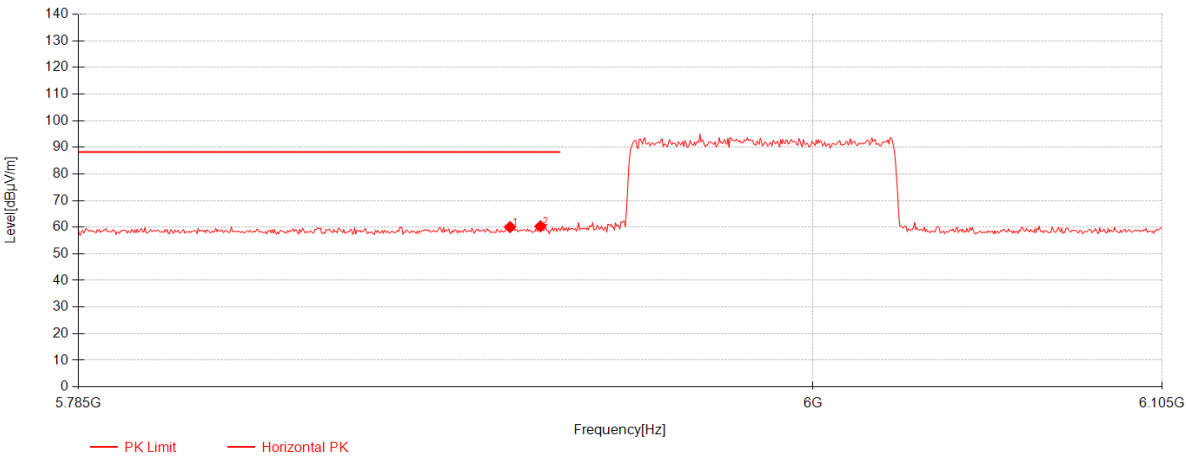
11ax(HE40)_TX_CH_227_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125.24	33.57	36.15	-11.85	57.87	68.20	10.33	Vertical
2	7140.36	27.52	36.12	-11.78	51.86	68.20	16.34	Vertical



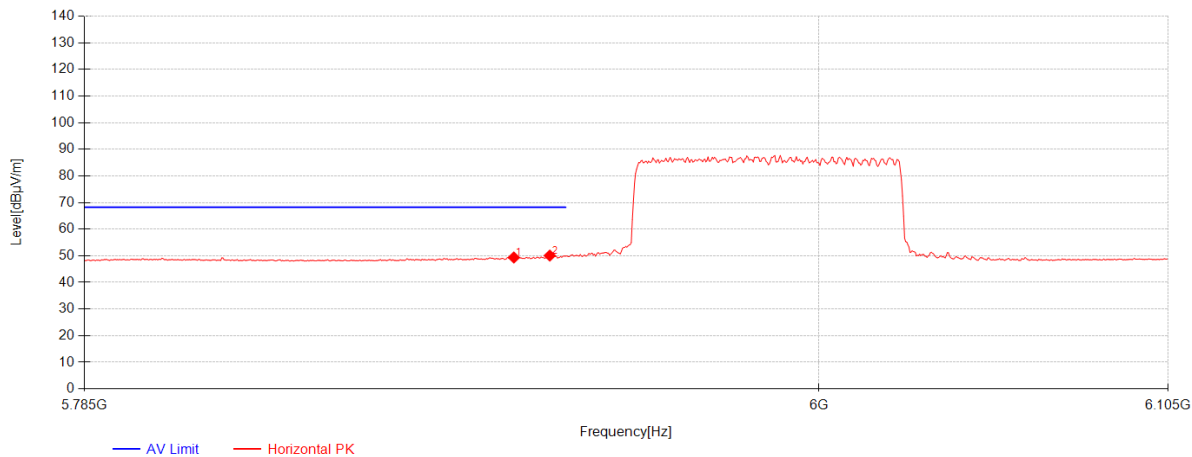
11ax(HE80)_TX_CH_007_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5910.44	38.95	33.12	-12.04	60.03	88.20	28.17	Horizontal
2	5919.4	39.21	33.14	-12.03	60.32	88.20	27.88	Horizontal



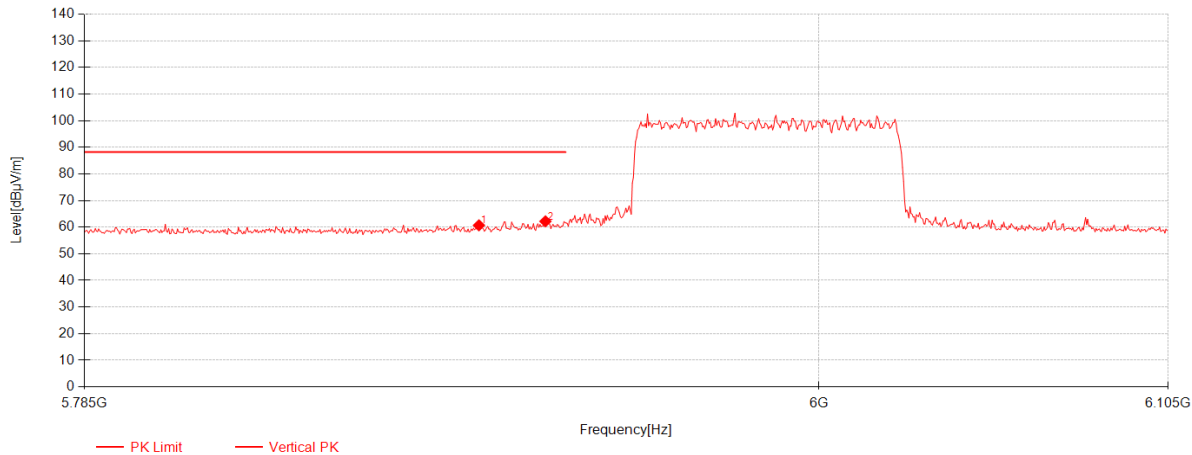
11ax(HE80)_TX_CH_007_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5909.8	28.29	33.12	-12.05	49.36	68.20	18.84	Horizontal
2	5920.36	28.96	33.14	-12.03	50.07	68.20	18.13	Horizontal



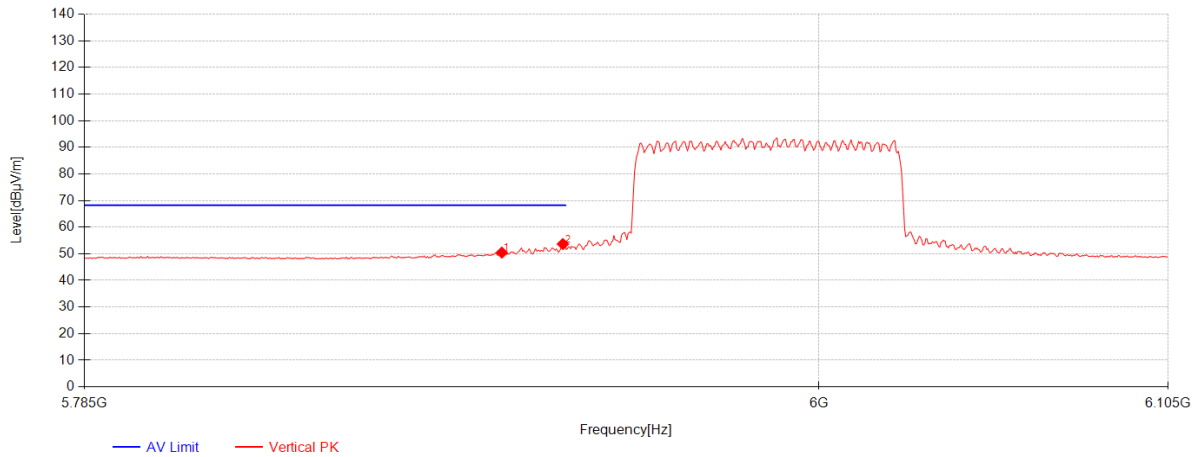
11ax(HE80)_TX_CH_007_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5899.56	39.66	33.09	-12.06	60.69	88.20	27.51	Vertical
2	5919.08	41.09	33.14	-12.03	62.20	88.20	26.00	Vertical



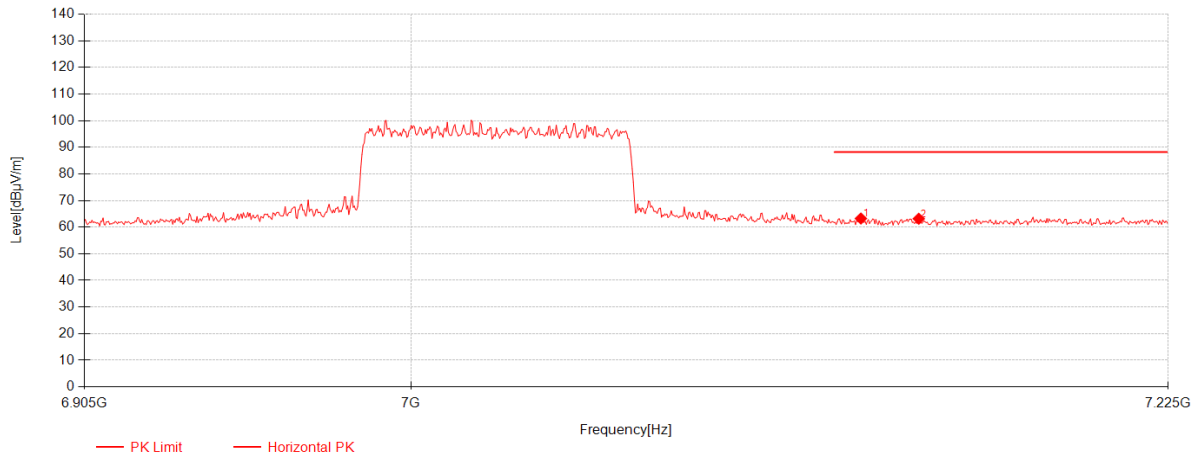
11ax(HE80)_TX_CH_007_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5906.28	29.39	33.11	-12.05	50.45	68.20	17.75	Vertical
2	5924.2	32.53	33.15	-12.02	53.66	68.20	14.54	Vertical

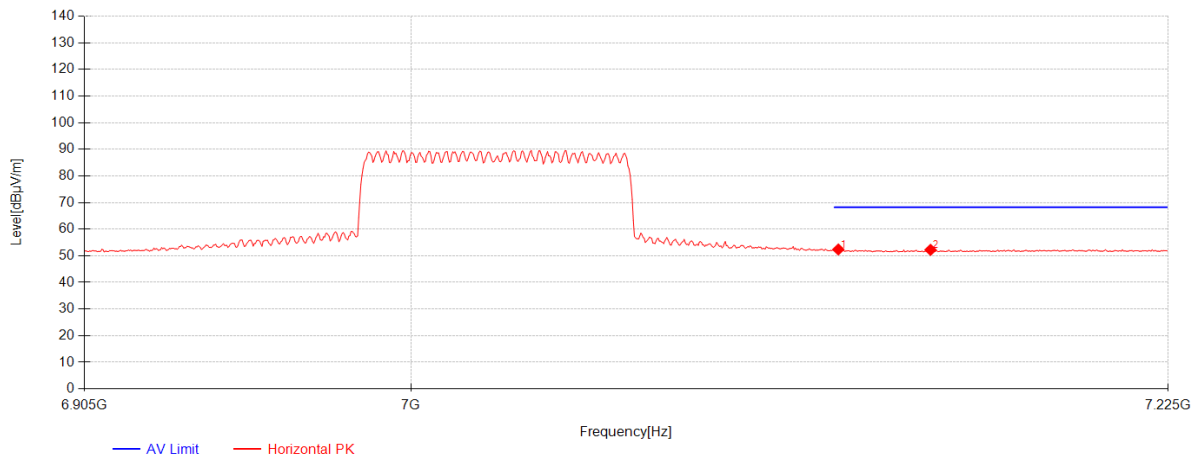


11ax(HE80)_TX_CH_215_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7132.84	38.93	36.13	-11.81	63.25	88.20	24.95	Horizontal
2	7150.12	38.79	36.10	-11.73	63.16	88.20	25.04	Horizontal

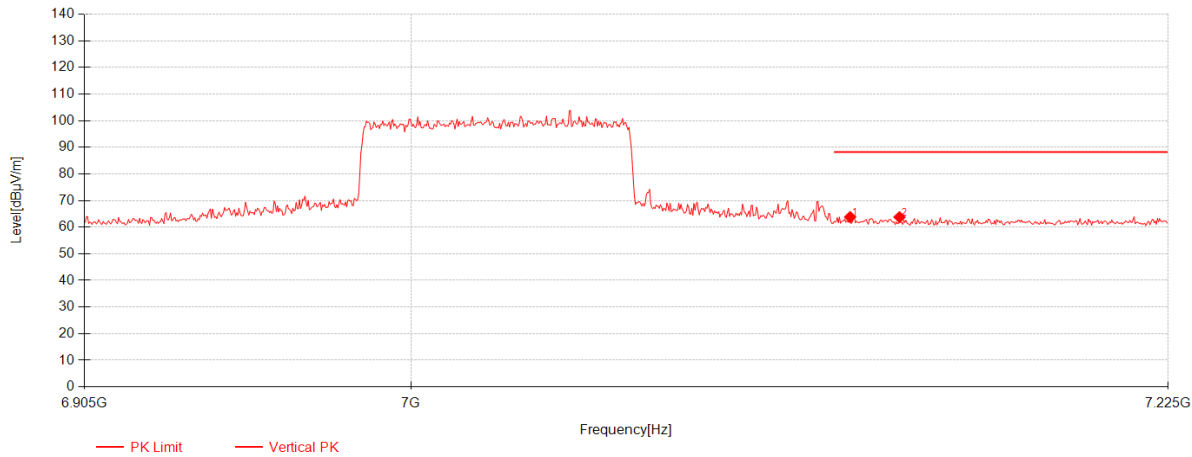
11ax(HE80)_TX_CH_215_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7126.12	28.07	36.15	-11.84	52.38	68.20	15.82	Horizontal
2	7153.64	27.84	36.11	-11.72	52.23	68.20	15.97	Horizontal



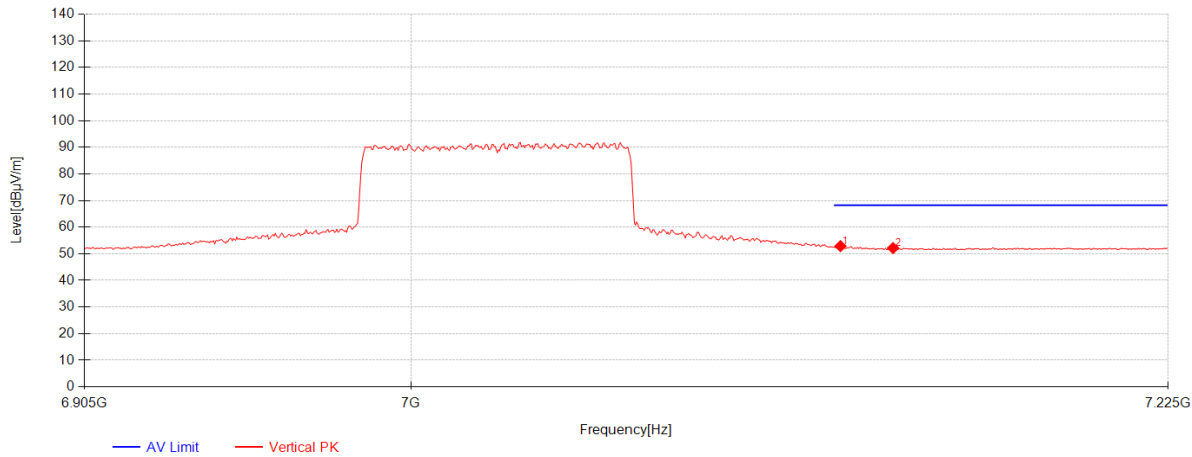
11ax(HE80)_TX_CH_215_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7129.64	39.51	36.14	-11.83	63.82	88.20	24.38	Vertical
2	7144.36	39.42	36.11	-11.76	63.77	88.20	24.43	Vertical



11ax(HE80)_TX_CH_215_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7126.76	28.58	36.15	-11.84	52.89	68.20	15.31	Vertical
2	7142.44	27.81	36.12	-11.77	52.16	68.20	16.04	Vertical

7.5 In-Band Emissions

Test Requirement 47 CFR Part 15, Subpart E 15.407 (b)
Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.6

Limit:

For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and onehalf times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

7.5.1 E.U.T. Operation

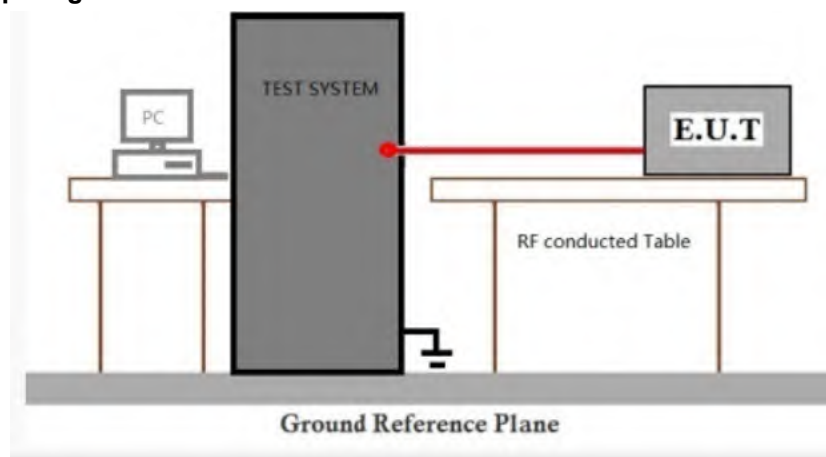
Operating Environment:

Temperature: 21.6 °C Humidity: 59.0 % RH Atmospheric Pressure: 1023 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.6 Contention Based Protocol

Test Requirement 47 CFR Part 15, Subpart E 15.407 (d)(6)

Test Method: KDB 987594 D02 Section II.I.

Limit:

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

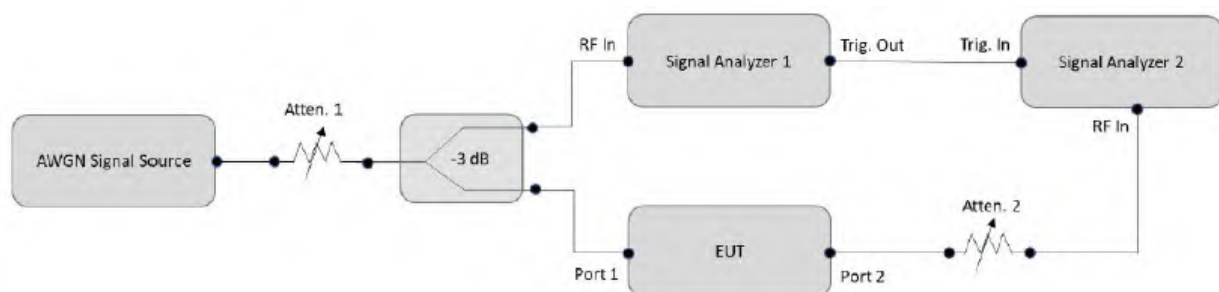
Humidity: 59.0 % RH

Atmospheric Pressure: 1023 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	Normal operating_Keep the EUT communication with the companion device.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Detection Level= Injected AWGN Power(dBm)- Antenna Gain(dBi)+ Path Loss(dB)

Please Refer to Appendix for Details

7.7 Duty Cycle

Test Requirement ANSI C63.10-2020/Cor1-2023 Section 12.2

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.2

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

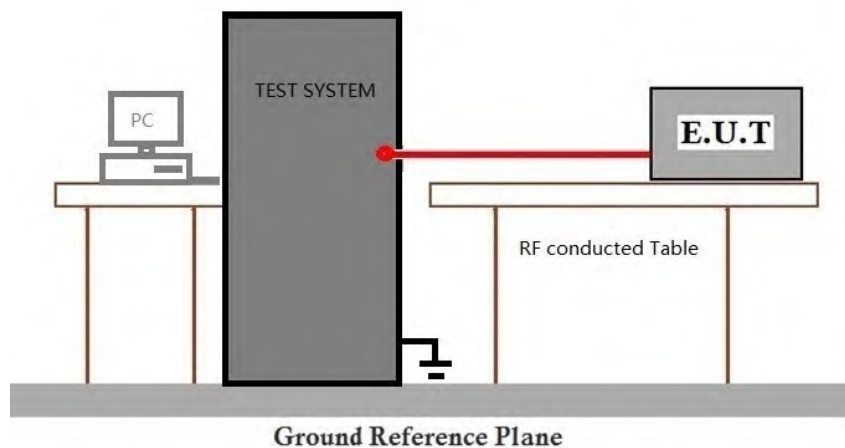
Humidity: 59.0 % RH

Atmospheric Pressure: 1023 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 99% Bandwidth

Test Requirement ANSI C63.10-2020/Cor1-2023 Section 12.5.3

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.5.3

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

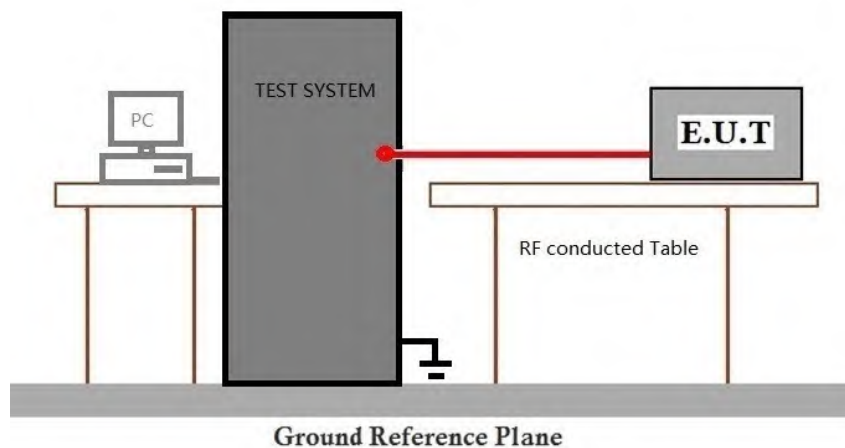
Humidity: 59.0 % RH

Atmospheric Pressure: 1023 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details