



Report No.: SUCR260600047906

Page: 1 of 363

TEST REPORT

Application No.: SUCR2606000479AT
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.: TFB1B
Trade Mark: SUNMI
FCC ID: 2AH25M3LDN
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-06-02
Date of Test: 2026-06-02 to 2026-06-18
Date of Issue: 2026-06-26

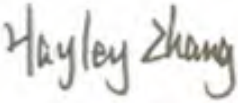
Test Result:	Pass*
---------------------	--------------

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. 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.



Revision Record			
Version	Description	Date	Remark
00	Original	2026-06-26	/

Authorized for issue by:				
Prepared 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
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	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
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
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)		ANSI C63.10-2020/Cor1-2023 Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	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
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Transmitter Power Control		ANSI C63.10-2020/Cor1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (h)(1)	Pass

3 Contents

Page

1	COVER PAGE	1
2	Test Summary	3
3	Contents.....	4
4	General Information.....	5
4.1	Details of E.U.T.	5
4.2	Environment Parameter	5
4.3	Description of Support Units	6
4.4	Measurement Uncertainty & Decision Rule	6
4.5	Test Location	7
4.6	Test Facility	7
4.7	Deviation from Standards.....	7
4.8	Abnormalities from Standard Conditions.....	7
5	Equipment List	8
6	Radio Spectrum Technical Requirement.....	10
6.1	Antenna Requirement	10
6.2	Transmission in the Absence of Data	12
7	Radio Spectrum Matter Test Results	13
7.1	Conducted Emissions at AC Power Line (150kHz-30MHz).....	13
7.2	Radiated Emissions (Below 1GHz)	17
7.3	Radiated Emissions (Above 1GHz).....	21
7.4	Radiated Emissions which fall in the restricted bands	100
7.5	Duty Cycle	170
7.6	99% Bandwidth	171
7.7	26dB Emission Bandwidth.....	172
7.8	Minimum 6 dB Bandwidth (5.725-5.85 GHz band)	173
7.9	Maximum Conducted Output Power	174
7.10	Power Spectral Density	176
7.11	Channel Move Time	177
7.12	Channel Closing Transmission Time	179
7.13	Transmitter Power Control	181
8	Test Setup Photo	182
9	EUT Constructional Details (EUT Photos).....	182
10	Appendix.....	183

4 General Information

4.1 Details of E.U.T.

Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency/Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channels); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz; 802.11n/ac/ax 40: 40MHz; 802.11ac/ax 80: 80MHz
DFS Function:	Slave without Radar detection
TPC Function:	Support TPC function
Antenna Type:	FPC Antenna
Antenna Gain:	U-NII-1: 1.69dBi (Ant2),-6.54dBi (Ant3); U-NII-2A: 1.67dBi (Ant2),-6.54dBi (Ant3); U-NII-2C: 3.90dBi (Ant2),-7.16dBi (Ant3); U-NII-3: 3.55dBi (Ant2),-7.65dBi (Ant3) (Provided by the manufacturer)
Remark:	SISO:802.11a; MIMO:802.11n/ac/ax

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	42-53.6%	
Value	Temperature(°C)	Voltage(V)
NTNV	20-25	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

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	2026/1/14	2027/1/13
2	LISN	R&S	ENV216	SUWI-01-19-03	2026/4/22	2027/4/21
3	LISN	Schwarzbeck	ENV216	SUWI-01-19-04	2026/4/22	2027/4/21
4	Test Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	NCR	NCR
5	Test Cable	Tonscend	NA	SUWI-01-03-04	2026/4/22	2027/4/21
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2026/1/14	2027/1/13
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	2025/11/21	2026/11/20
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	2026/1/14	2027/1/13
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	2026/1/14	2027/1/13
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	2026/1/14	2027/1/13
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	2025/11/21	2026/11/20
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	2026/4/22	2027/4/21
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	2025/11/21	2026/11/20
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	2025/11/21	2026/11/20
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	2025/11/21	2026/11/20
11	Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	2025/11/21	2026/11/20
12	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2026/1/14	2027/1/13
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2026/2/11	2027/2/10
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	2026/1/15	2027/1/14
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2023/6/3 2026/6/9	2026/6/2 2029/6/8
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2026/1/14	2027/1/13
3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-07	2025/11/20	2026/11/19
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2026/1/14	2027/1/13
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	2026/1/14	2027/1/13
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	2025/11/29	2027/11/28
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2025/5/7	2027/5/6
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2025/5/7	2027/5/6
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2025/5/7	2027/5/6
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2026/1/14	2027/1/13
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2026/1/14	2027/1/13
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2026/1/14	2027/1/13

13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	2025/8/25	2026/8/24
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	2025/8/25	2026/8/24
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	2025/8/26	2026/8/25
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-06	2025/11/21	2026/11/20
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	2026/1/14	2027/1/13
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2026/1/14	2027/1/13
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2026/2/11	2027/2/10
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 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an 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 no consideration of replacement. The best case gain is:

U-NII-1: 1.69dBi (Ant2),-6.54dBi (Ant3);

U-NII-2A: 1.67dBi (Ant2),-6.54dBi (Ant3);

U-NII-2C: 3.90dBi (Ant2),-7.16dBi (Ant3);

U-NII-3: 3.55dBi (Ant2),-7.65dBi (Ant3)

Antenna location: Refer to internal photo.

Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

If transmit signals are correlated, then

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}]$$

If all transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / N_{\text{ANT}}]$$

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

Operation Frequency	ANT Gain2 (dBi)	ANT Gain3 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
5150MHz to 5250MHz	1.69	-6.54	1.69	1.53	0	0
5250MHz to 5350MHz	1.67	-6.54	1.67	1.21	0	0
5470MHz to 5725MHz	3.9	-7.16	3.9	3.03	0	0
5725MHz to 5850MHz	3.55	-7.65	3.55	2.65	0	0

5150MHz to 5250MHz:

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

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

5250MHz to 5350MHz:

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

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

5470MHz to 5725MHz:

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

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

5725MHz to 5850MHz:

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

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

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

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: 21 °C

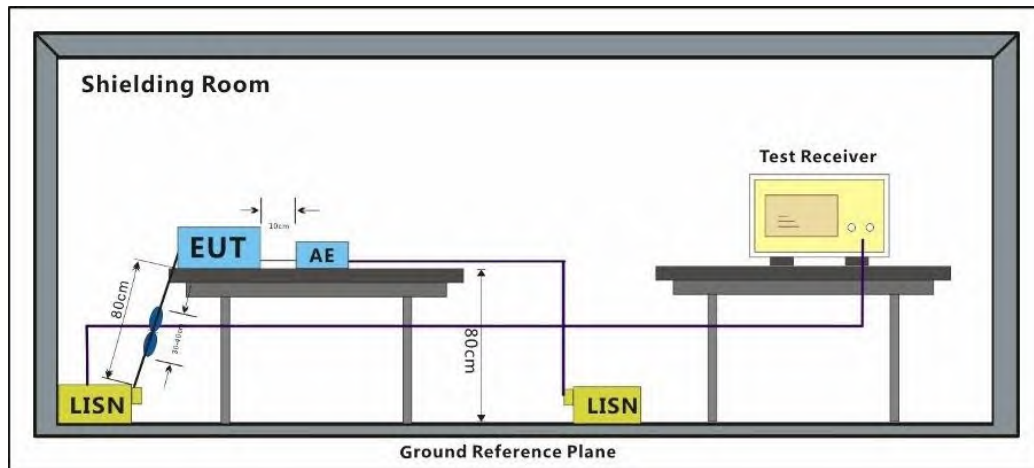
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	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 @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



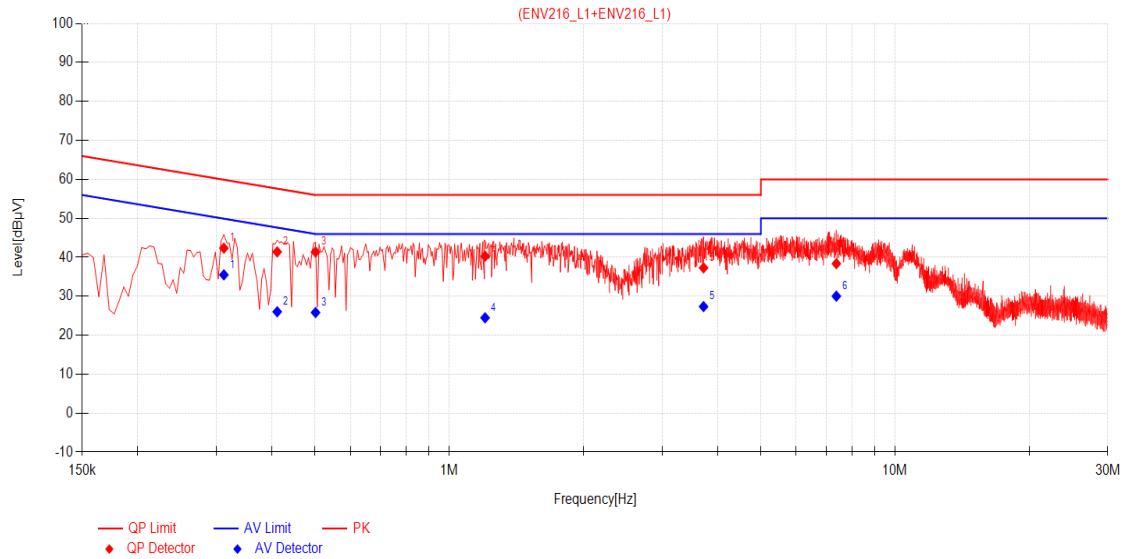
7.1.4 Measurement Procedure and Data

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

Remark 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.

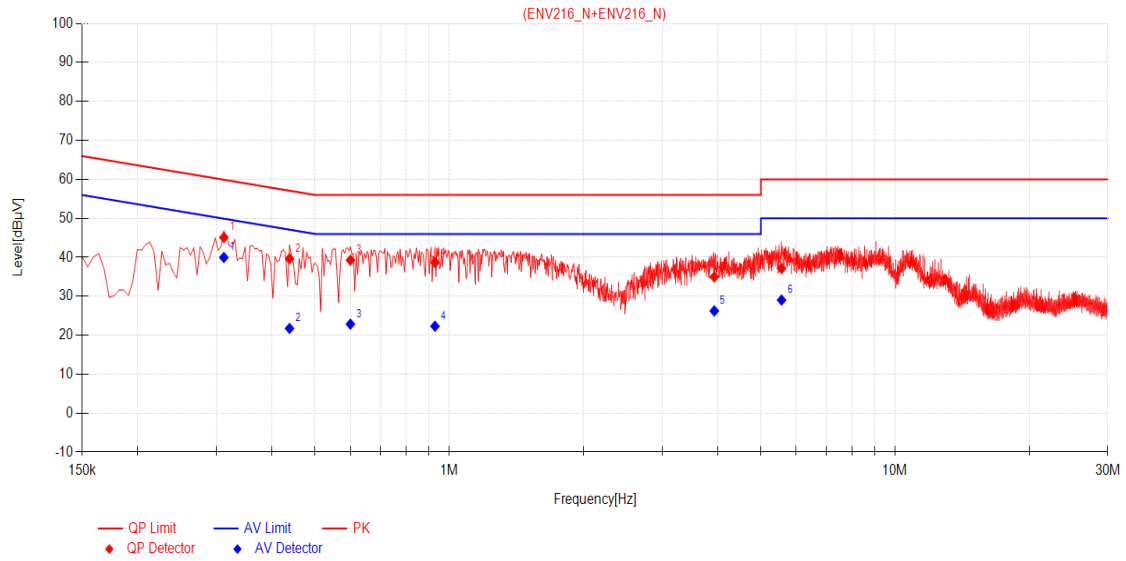
Test Mode: 04; Line: Live line



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	0.3120	9.97	32.38	42.35	59.92	17.57	25.53	35.50	49.92	14.42	PASS
2	0.4110	9.95	31.44	41.39	57.63	16.24	16.08	26.03	47.63	21.60	PASS
3	0.5010	9.94	31.44	41.38	56.00	14.62	15.89	25.83	46.00	20.17	PASS
4	1.2030	9.94	30.34	40.28	56.00	15.72	14.53	24.47	46.00	21.53	PASS
5	3.7185	10.36	26.94	37.30	56.00	18.70	17.00	27.36	46.00	18.64	PASS
6	7.3860	10.37	28.00	38.37	60.00	21.63	19.65	30.02	50.00	19.98	PASS

Test Mode: 04; 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	0.3120	9.97	35.14	45.11	59.92	14.81	30.00	39.97	49.92	9.95	PASS
2	0.4380	9.93	29.70	39.63	57.10	17.47	11.81	21.74	47.10	25.36	PASS
3	0.6000	9.92	29.35	39.27	56.00	16.73	12.93	22.85	46.00	23.15	PASS
4	0.9285	9.90	28.77	38.67	56.00	17.33	12.40	22.30	46.00	23.70	PASS
5	3.9300	10.39	24.57	34.96	56.00	21.04	15.85	26.24	46.00	19.76	PASS
6	5.5635	10.33	26.80	37.13	60.00	22.87	18.70	29.03	50.00	20.97	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

Measurement Distance: 3m

Limit:

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

Note

1.The above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

2. At frequencies below 1GHz, measurements may be performed at a distance different to 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. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

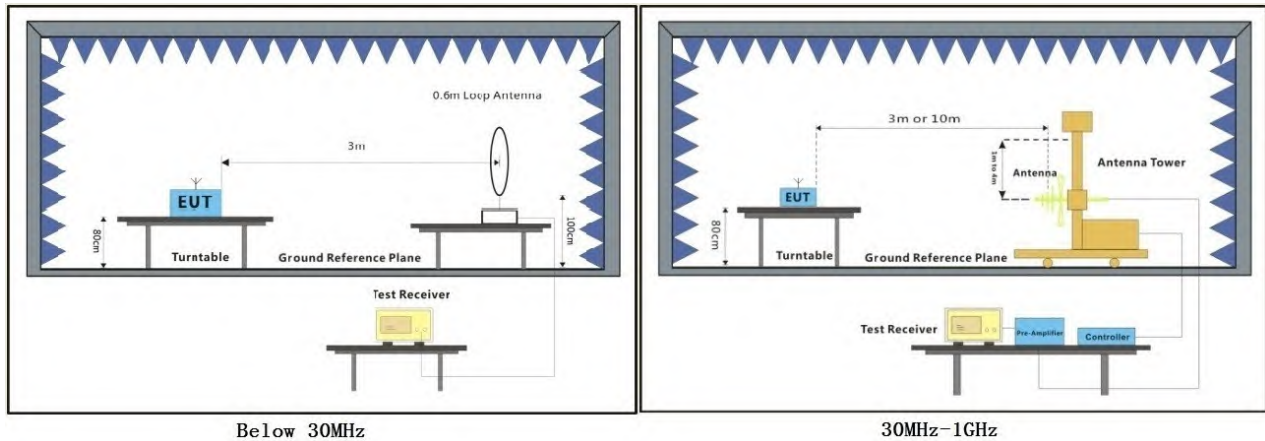
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	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 @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 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

- 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.
- The EUT was set 3m or 10m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- 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.
- Repeat above procedures until all frequencies measured was complete.

Remark:

1. At frequencies below 1GHz, measurements may be performed at a distance different to 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.

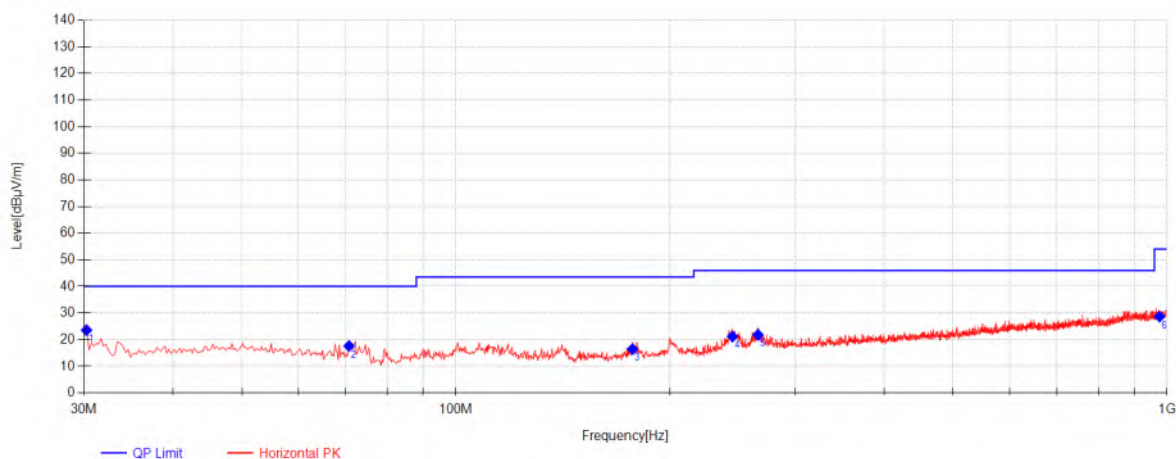
EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. 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.

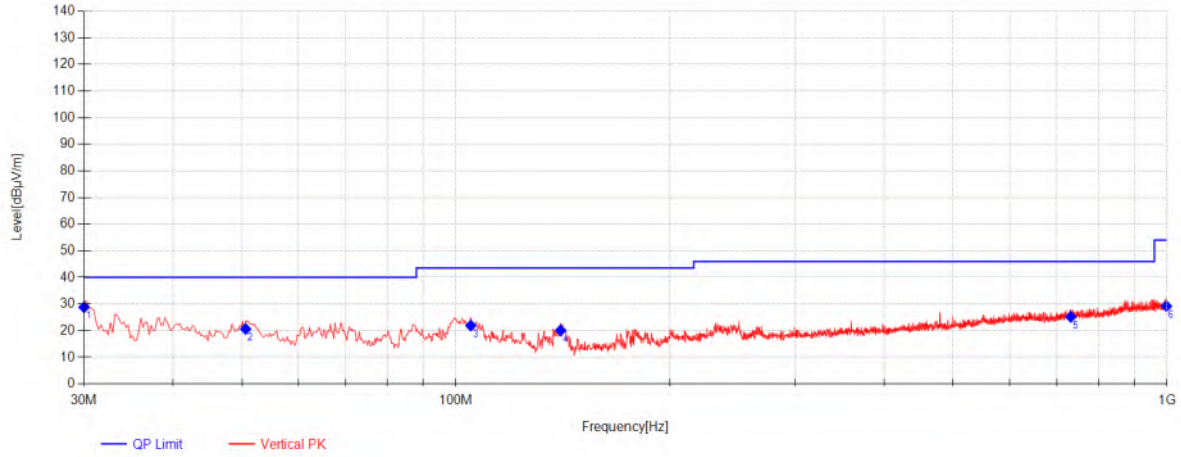
Test Mode: 04; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	30.2425	48.31	16.65	-41.39	23.57	40.00	16.43	Horizontal
2	70.74	42.24	16.15	-40.78	17.61	40.00	22.39	Horizontal
3	177.1975	40.25	15.56	-39.37	16.44	43.50	27.06	Horizontal
4	244.855	41.13	18.70	-38.66	21.17	46.00	24.83	Horizontal
5	265.9525	41.47	19.02	-38.68	21.81	46.00	24.19	Horizontal
6	975.9925	34.73	27.72	-33.78	28.67	54.00	25.33	Horizontal

Test Mode: 04; 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]	Polarity
1	30	53.69	16.50	-41.39	28.80	40.00	11.20	Vertical
2	50.6125	41.25	20.36	-40.98	20.63	40.00	19.37	Vertical
3	104.9325	43.91	18.27	-40.27	21.91	43.50	21.59	Vertical
4	140.3375	40.61	19.33	-39.86	20.08	43.50	23.42	Vertical
5	732.28	35.12	25.48	-35.42	25.18	46.00	20.82	Vertical
6	997.8175	34.8	28.10	-33.71	29.19	54.00	24.81	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

Measurement Distance: 3m

Limit:

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

*(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: 21 °C

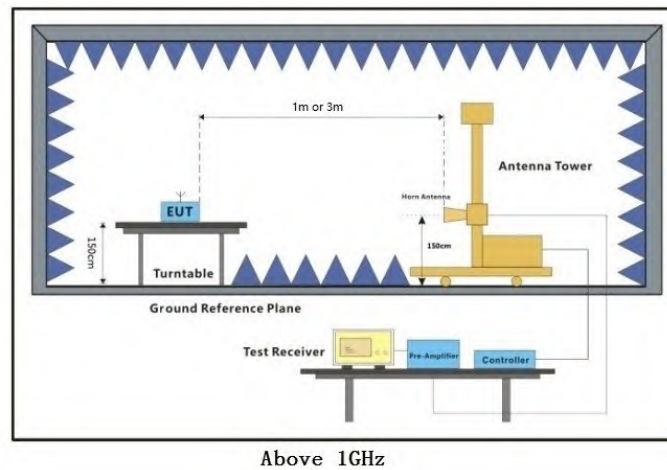
Humidity: 42 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	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 @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



Above 1GHz

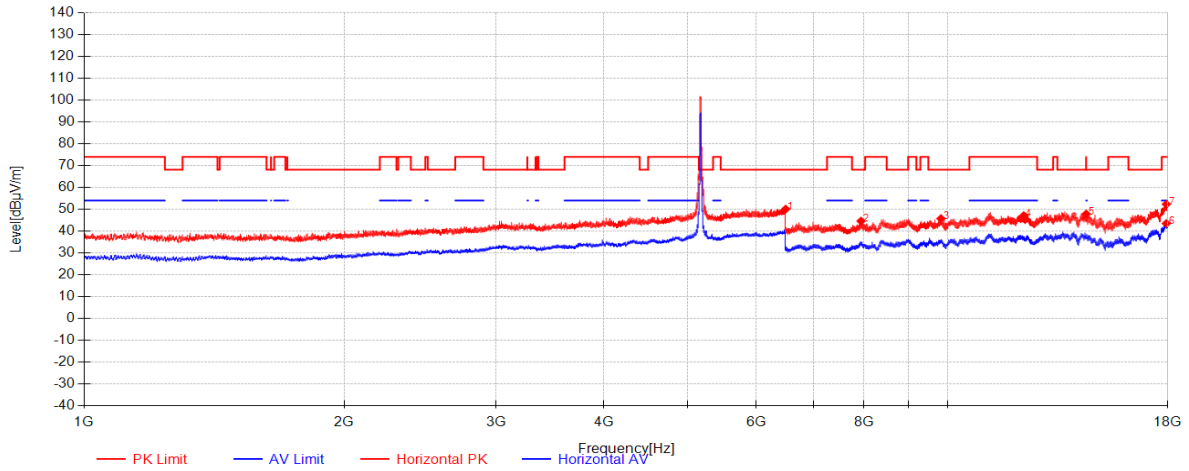
7.3.4 Measurement Procedure and Data

- 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:

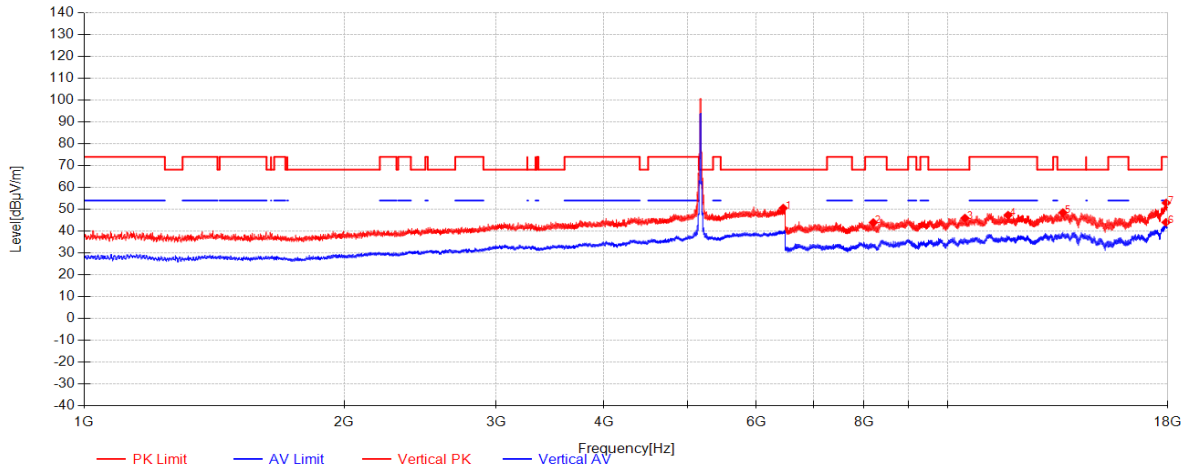
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more 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.

11a_TX_CH_36_Horizontal



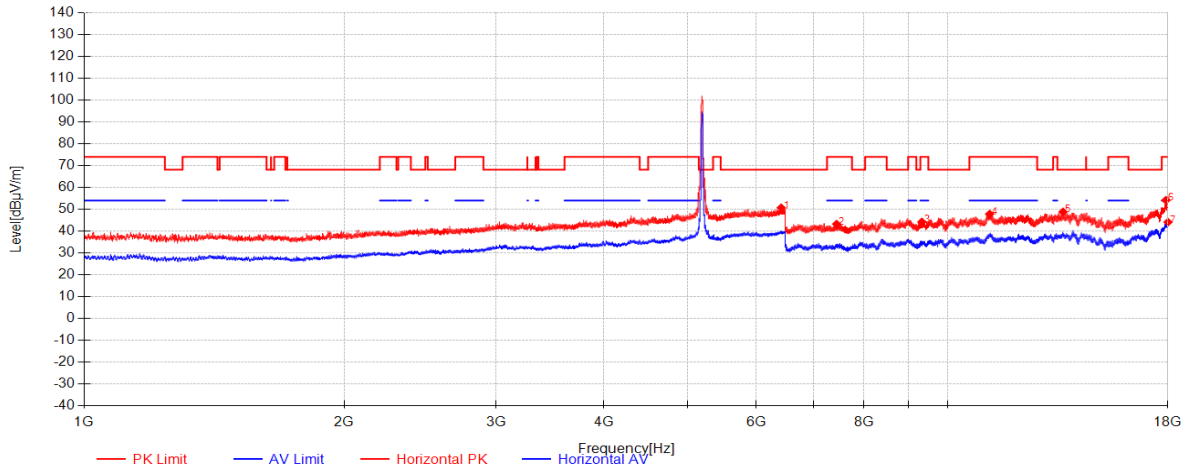
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6492.8077	34.14	35.20	-19.21	50.13	68.20	18.07	Horizontal
2	7937.5	50.45	37.15	-42.97	44.63	68.20	23.57	Horizontal
3	9824.9375	46.82	38.20	-39.26	45.76	68.20	22.44	Horizontal
4	12251.4375	45.32	38.99	-37.19	47.13	74.00	26.87	Horizontal
5	14470.4583	44.32	39.94	-36.39	47.87	74.00	26.13	Horizontal
6	17918.0625	35.91	42.69	-35.07	43.53	54.00	10.47	Horizontal
7	17918.5417	44.73	42.69	-35.07	52.35	74.00	21.65	Horizontal

11a_TX_CH_36_Vertical



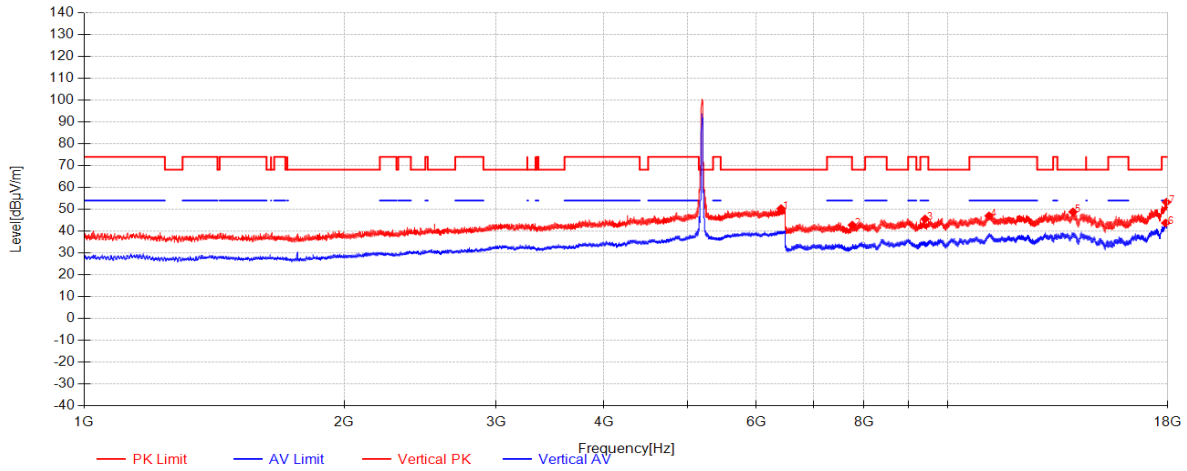
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6451.3462	34.63	35.20	-19.28	50.55	68.20	17.65	Vertical
2	8202	48.90	37.40	-42.35	43.94	74.00	30.06	Vertical
3	10473.7292	46.71	38.41	-39.14	45.98	68.20	22.22	Vertical
4	11749.2708	46.10	38.75	-37.51	47.33	74.00	26.67	Vertical
5	13598.375	44.72	39.90	-36.13	48.50	68.20	19.70	Vertical
6	17905.125	36.46	42.63	-35.07	44.02	54.00	9.98	Vertical
7	17914.2292	45.34	42.67	-35.07	52.94	74.00	21.06	Vertical

11a_TX_CH_40_Horizontal



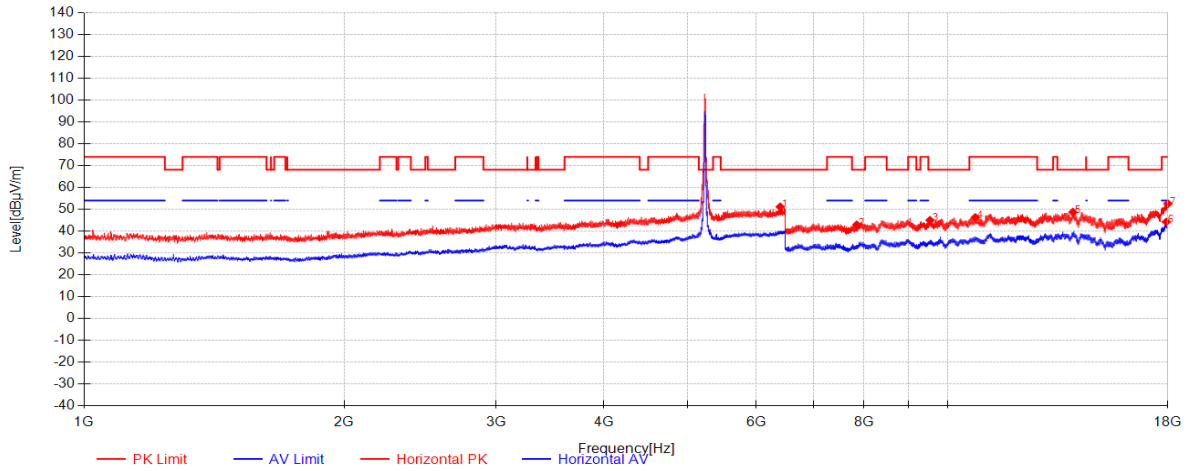
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6415.8077	34.90	35.13	-19.33	50.70	68.20	17.50	Horizontal
2	7438.6875	50.62	36.63	-44.01	43.24	74.00	30.76	Horizontal
3	9338.1042	47.14	38.32	-41.23	44.23	74.00	29.77	Horizontal
4	11186.25	45.79	38.86	-36.82	47.83	74.00	26.17	Horizontal
5	13604.6042	45.05	39.90	-36.13	48.82	68.20	19.38	Horizontal
6	17898.8958	46.67	42.59	-35.09	54.17	74.00	19.83	Horizontal
7	18000	36.09	43.10	-35.06	44.13	54.00	9.87	Horizontal

11a_TX_CH_40_Vertical



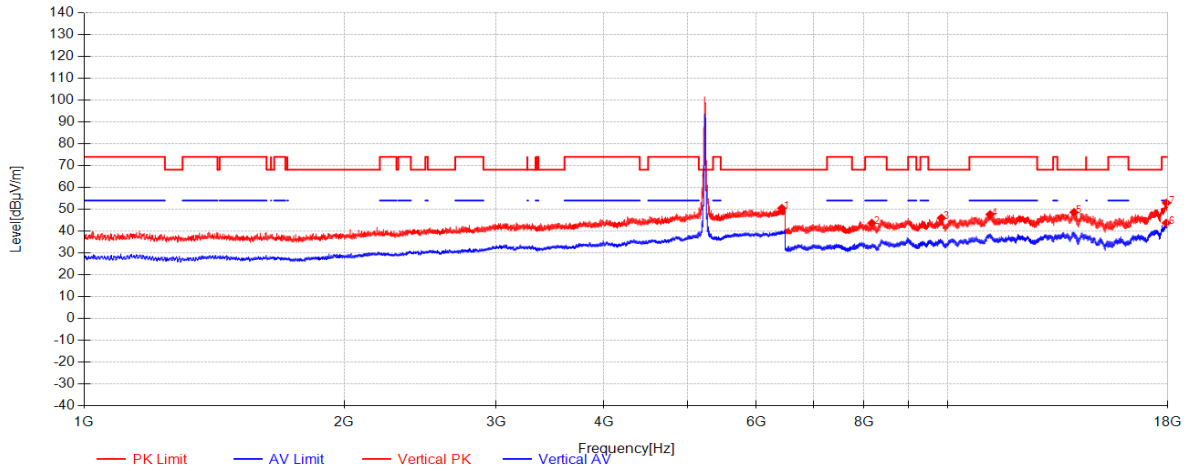
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6414.1154	34.55	35.13	-19.34	50.34	68.20	17.86	Vertical
2	7755.8958	49.18	36.79	-43.18	42.78	68.20	25.42	Vertical
3	9417.1667	48.34	38.20	-40.96	45.58	74.00	28.42	Vertical
4	11168.5208	45.27	38.93	-37.19	47.00	74.00	27.00	Vertical
5	13970.2083	45.06	39.98	-36.23	48.81	68.20	19.39	Vertical
6	17887.3958	36.52	42.51	-35.30	43.73	54.00	10.27	Vertical
7	17931	45.60	42.75	-35.07	53.29	74.00	20.71	Vertical

11a_TX_CH_48_Horizontal



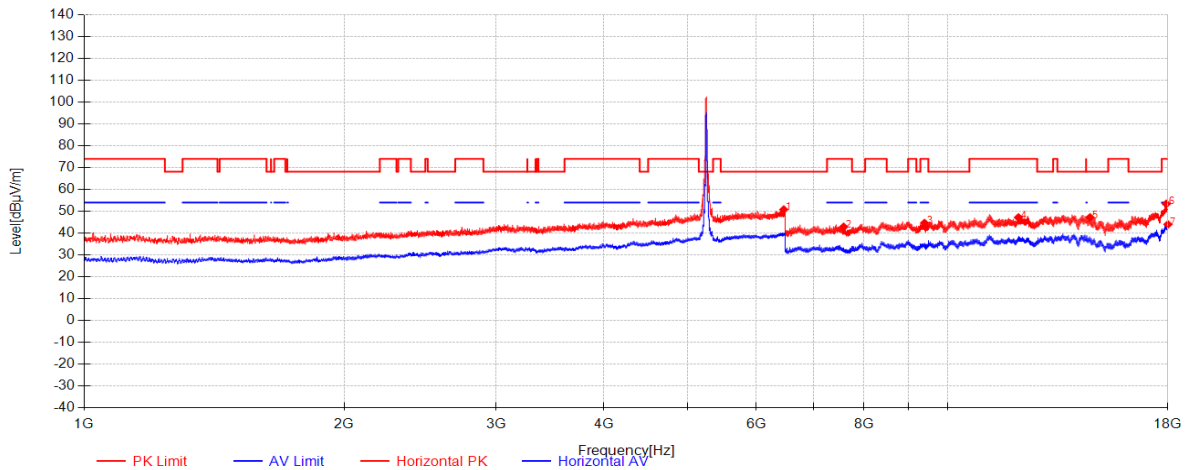
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6398.8846	35.41	35.09	-19.36	51.14	68.20	17.06	Horizontal
2	7847.8958	49.36	36.60	-43.04	42.92	68.20	25.28	Horizontal
3	9541.75	47.58	38.38	-40.96	45.00	68.20	23.20	Horizontal
4	10766.0208	45.93	38.86	-38.51	46.28	74.00	27.72	Horizontal
5	13969.25	45.01	39.98	-36.24	48.74	68.20	19.46	Horizontal
6	17916.1458	36.63	42.68	-35.07	44.24	54.00	9.76	Horizontal
7	17996.1667	44.59	43.08	-35.06	52.61	74.00	21.39	Horizontal

11a_TX_CH_48_Vertical



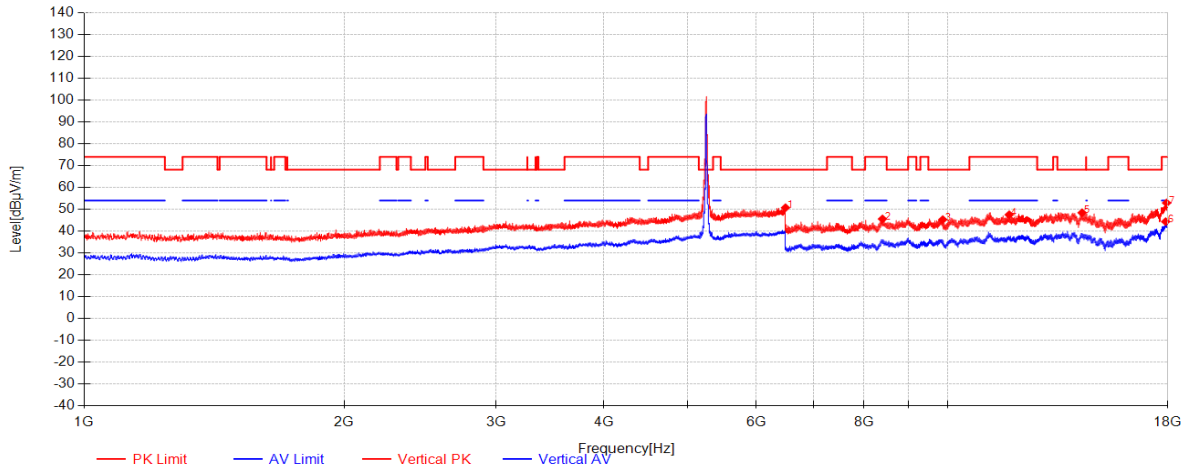
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6425.9615	34.66	35.15	-19.32	50.49	68.20	17.71	Vertical
2	8169.8958	49.02	37.04	-42.40	43.66	74.00	30.34	Vertical
3	9836.9167	47.18	38.20	-39.38	46.00	68.20	22.20	Vertical
4	11199.1875	45.36	38.80	-36.55	47.62	74.00	26.38	Vertical
5	14009.5	44.54	40.07	-35.96	48.65	68.20	19.55	Vertical
6	17919.0208	36.10	42.70	-35.07	43.73	54.00	10.27	Vertical
7	17924.7708	45.26	42.72	-35.07	52.92	74.00	21.08	Vertical

11a_TX_CH_52_Horizontal



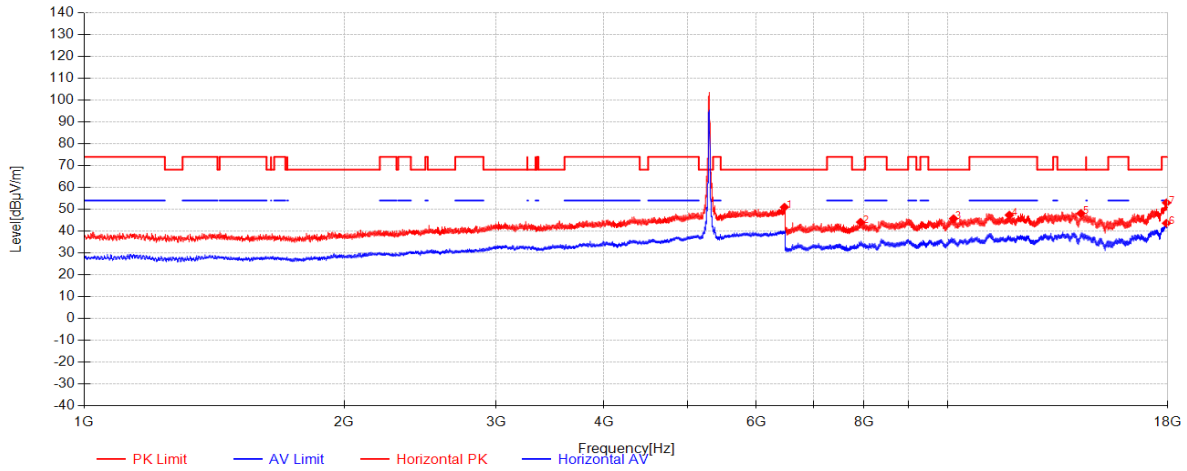
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6460.6538	34.88	35.20	-19.26	50.82	68.20	17.38	Horizontal
2	7578.6042	50.32	36.00	-43.43	42.89	74.00	31.11	Horizontal
3	9403.2708	47.35	38.20	-40.94	44.61	74.00	29.39	Horizontal
4	12078.9375	45.06	38.96	-36.83	47.19	74.00	26.81	Horizontal
5	14622.8333	44.51	39.70	-37.00	47.21	68.20	20.99	Horizontal
6	17919.0208	45.81	42.70	-35.07	53.44	74.00	20.56	Horizontal
7	17996.6458	36.00	43.08	-35.06	44.02	54.00	9.98	Horizontal

11a_TX_CH_52_Vertical



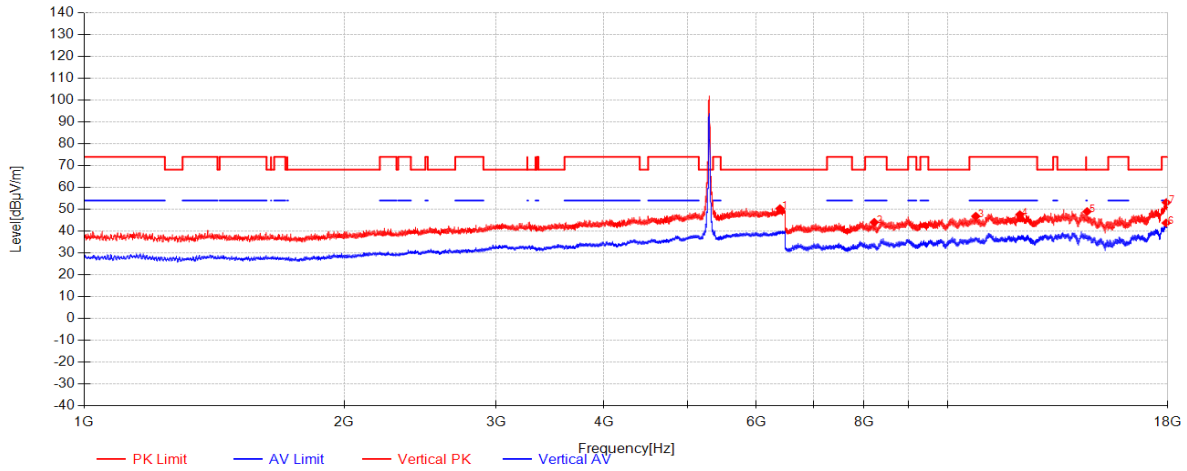
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489.8462	34.78	35.20	-19.22	50.76	68.20	17.44	Vertical
2	8405.1667	49.90	37.15	-41.45	45.60	74.00	28.40	Vertical
3	9870.9375	46.94	38.07	-39.71	45.30	68.20	22.90	Vertical
4	11785.2083	46.51	38.79	-37.77	47.53	74.00	26.47	Vertical
5	14313.7708	44.35	39.97	-35.87	48.45	68.20	19.75	Vertical
6	17885.9583	37.18	42.50	-35.32	44.36	54.00	9.64	Vertical
7	17932.4375	45.23	42.76	-35.07	52.93	74.00	21.07	Vertical

11a_TX_CH_60_Horizontal



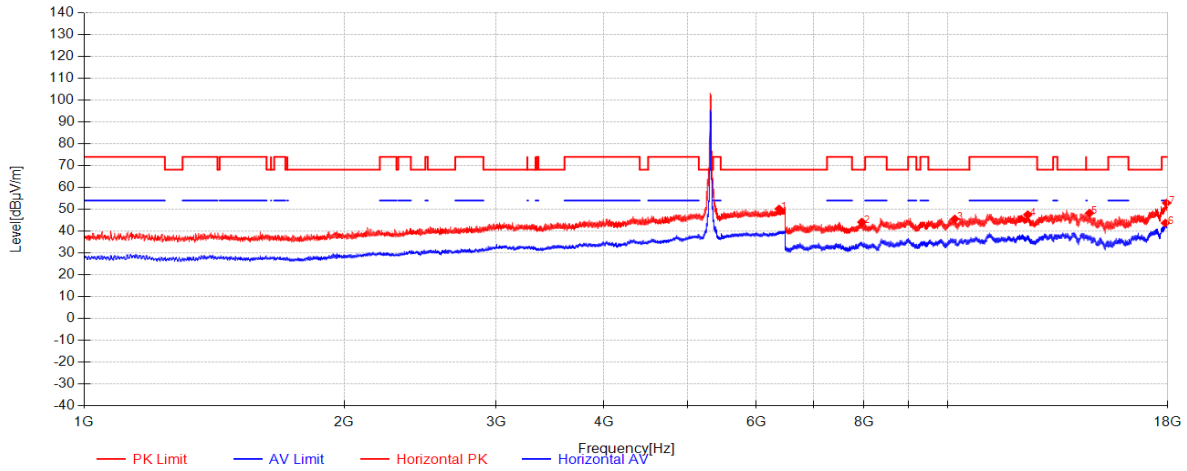
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6471.6538	35.05	35.20	-19.25	51.00	68.20	17.20	Horizontal
2	7928.3958	50.03	37.04	-42.94	44.13	68.20	24.07	Horizontal
3	10159.875	46.24	38.42	-38.92	45.74	68.20	22.46	Horizontal
4	11788.5625	46.37	38.79	-37.79	47.37	74.00	26.63	Horizontal
5	14266.8125	44.94	40.07	-36.88	48.13	68.20	20.07	Horizontal
6	17925.25	35.97	42.73	-35.07	43.63	54.00	10.37	Horizontal
7	17929.5625	45.31	42.75	-35.07	52.99	74.00	21.01	Horizontal

11a_TX_CH_60_Vertical



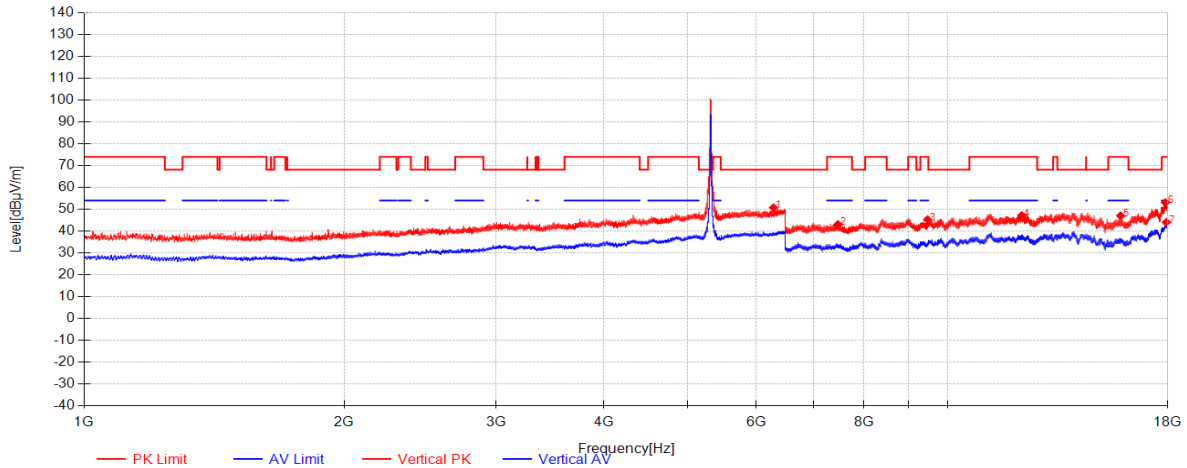
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6394.6538	34.66	35.05	-19.35	50.35	68.20	17.85	Vertical
2	8222.6042	49.40	37.35	-42.71	44.05	74.00	29.95	Vertical
3	10779.9167	46.26	38.92	-38.34	46.84	74.00	27.16	Vertical
4	12124.9375	45.18	39.05	-36.66	47.57	74.00	26.43	Vertical
5	14506.3958	45.42	39.98	-36.40	49.00	68.20	19.20	Vertical
6	17912.3125	36.15	42.66	-35.07	43.74	54.00	10.26	Vertical
7	17920.9375	45.48	42.70	-35.07	53.12	74.00	20.88	Vertical

11a_TX_CH_64_Horizontal



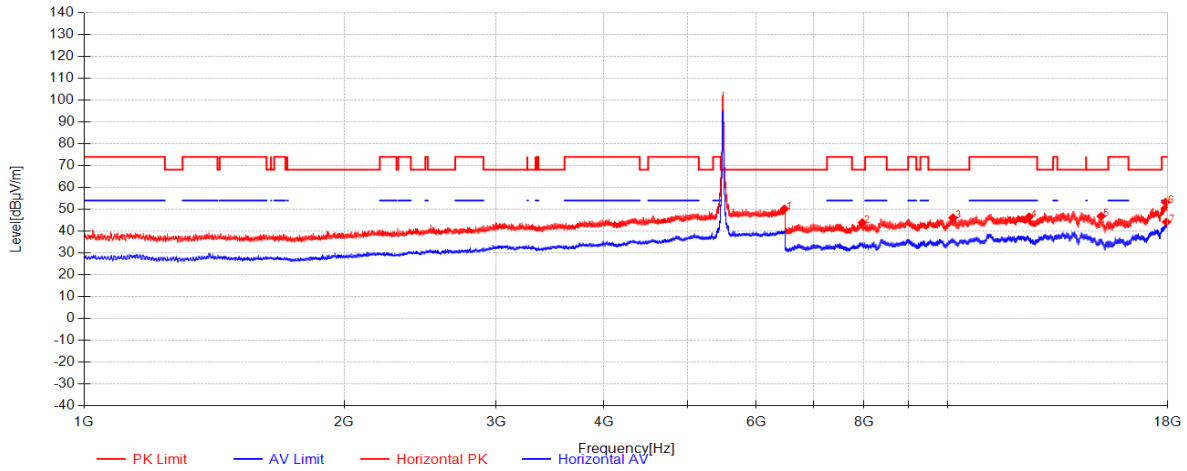
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6381.1154	34.59	34.91	-19.33	50.17	68.20	18.03	Horizontal
2	7954.75	49.89	37.30	-43.04	44.15	68.20	24.05	Horizontal
3	10193.8958	46.28	38.32	-38.99	45.61	68.20	22.59	Horizontal
4	12383.2083	46.62	39.05	-38.12	47.55	74.00	26.45	Horizontal
5	14602.7083	45.80	39.70	-37.18	48.32	68.20	19.88	Horizontal
6	17873.5	36.83	42.41	-35.55	43.70	54.00	10.30	Horizontal
7	17931.4792	45.21	42.76	-35.07	52.90	74.00	21.10	Horizontal

11a_TX_CH_64_Vertical



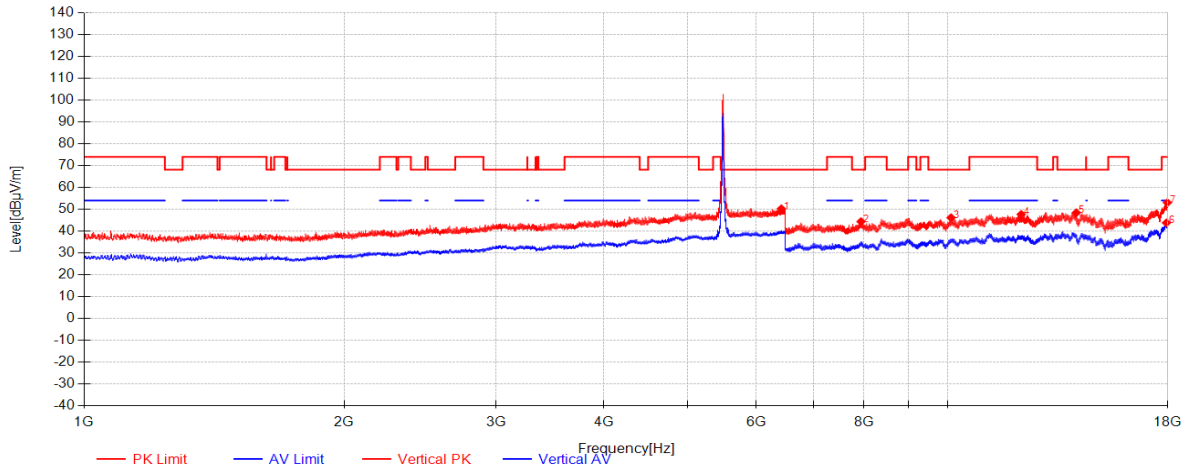
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6285.0769	35.74	34.27	-19.22	50.79	68.20	17.41	Vertical
2	7465.0417	50.24	36.61	-43.77	43.08	74.00	30.92	Vertical
3	9479.4583	48.10	38.26	-41.05	45.31	74.00	28.69	Vertical
4	12188.1875	44.85	39.18	-36.85	47.18	74.00	26.82	Vertical
5	15863.875	45.20	39.41	-37.53	47.08	74.00	26.92	Vertical
6	17875.4167	46.20	42.43	-35.51	53.12	74.00	20.88	Vertical
7	17919.5	36.42	42.70	-35.07	44.05	54.00	9.95	Vertical

11a_TX_CH_100_Horizontal



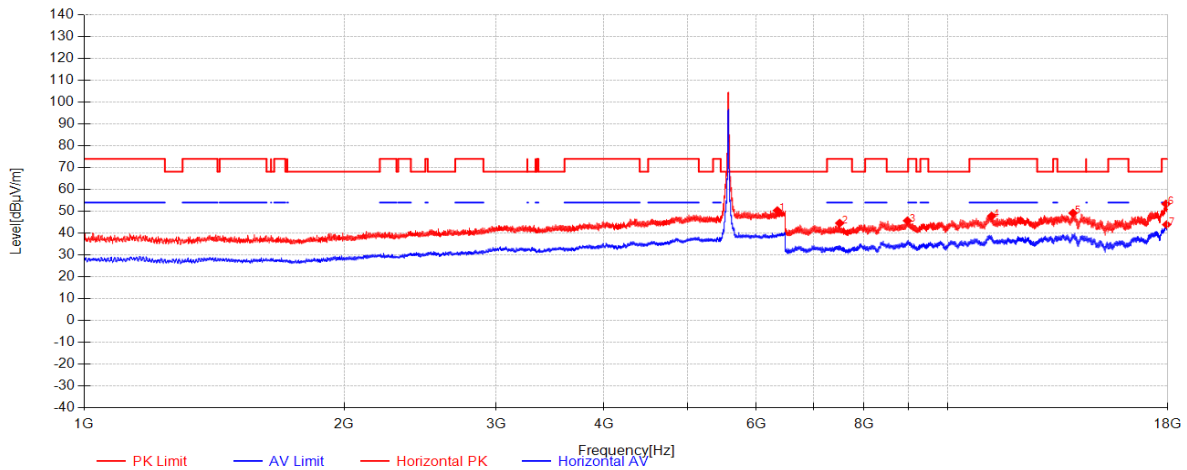
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6471.6538	34.28	35.20	-19.25	50.23	68.20	17.97	Horizontal
2	7964.8125	49.72	37.30	-43.09	43.93	68.20	24.27	Horizontal
3	10144.0625	46.56	38.47	-38.89	46.13	68.20	22.07	Horizontal
4	12428.25	45.67	39.04	-38.11	46.60	74.00	27.40	Horizontal
5	15062.7083	45.48	39.31	-37.93	46.86	68.20	21.34	Horizontal
6	17882.125	46.19	42.47	-35.39	53.27	74.00	20.73	Horizontal
7	17924.7708	36.54	42.72	-35.07	44.20	54.00	9.80	Horizontal

11a_TX_CH_100_Vertical



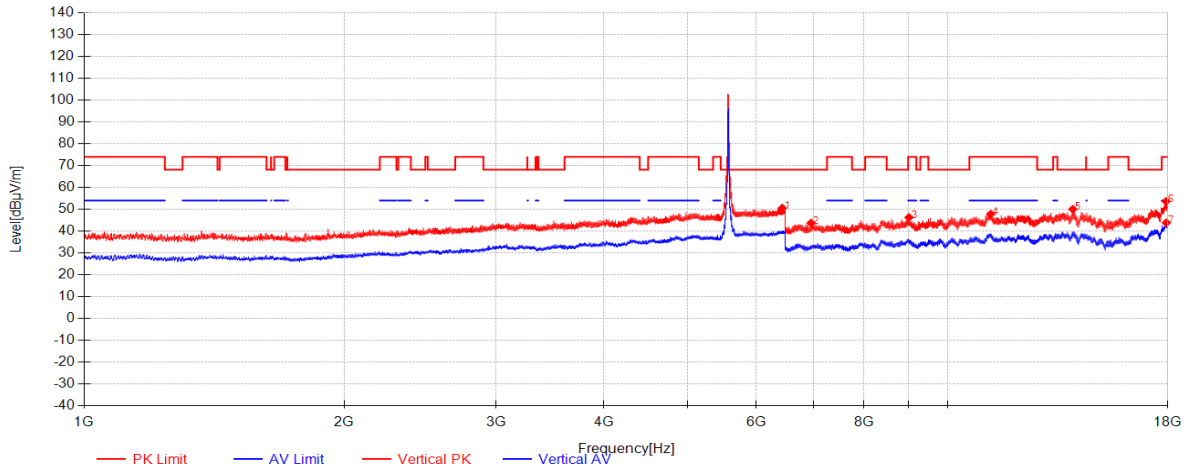
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6419.1923	34.47	35.14	-19.33	50.28	68.20	17.92	Vertical
2	7937.9792	50.21	37.16	-42.98	44.39	68.20	23.81	Vertical
3	10092.3125	46.63	38.58	-39.04	46.17	68.20	22.03	Vertical
4	12168.0625	45.36	39.14	-36.79	47.71	74.00	26.29	Vertical
5	14095.2708	44.97	39.81	-36.34	48.44	68.20	19.76	Vertical
6	17923.3333	36.16	42.72	-35.07	43.81	54.00	10.19	Vertical
7	17971.7292	45.18	42.96	-35.06	53.08	74.00	20.92	Vertical

11a_TX_CH_116_Horizontal



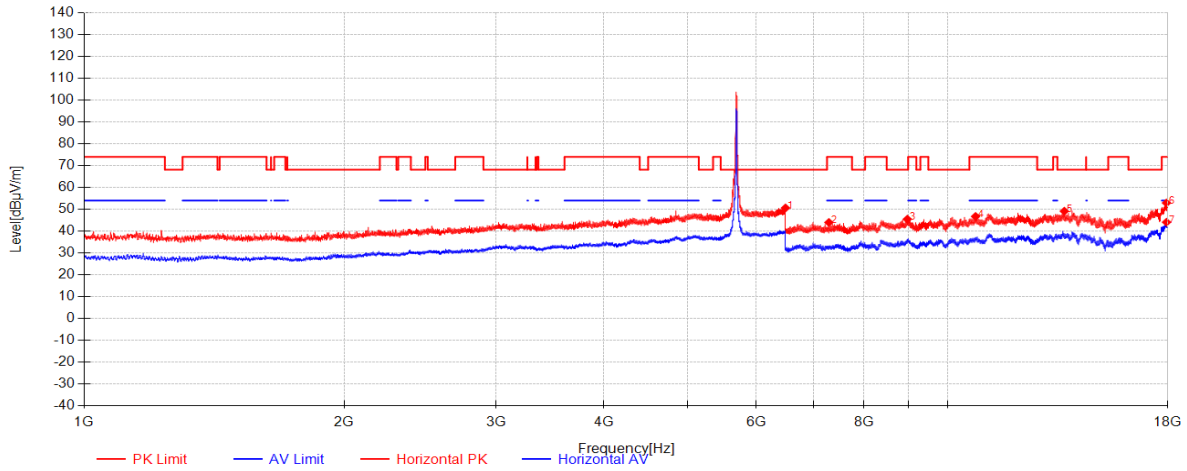
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6350.2308	35.03	34.60	-19.29	50.34	68.20	17.86	Horizontal
2	7498.5833	51.63	36.41	-43.46	44.58	74.00	29.42	Horizontal
3	8984	48.24	38.17	-40.73	45.67	68.20	22.53	Horizontal
4	11246.1458	46.66	38.89	-37.70	47.85	74.00	26.15	Horizontal
5	13969.7292	45.46	39.98	-36.24	49.20	68.20	19.00	Horizontal
6	17905.125	45.84	42.63	-35.07	53.40	74.00	20.60	Horizontal
7	17934.3542	36.21	42.77	-35.07	43.92	54.00	10.08	Horizontal

11a_TX_CH_116_Vertical



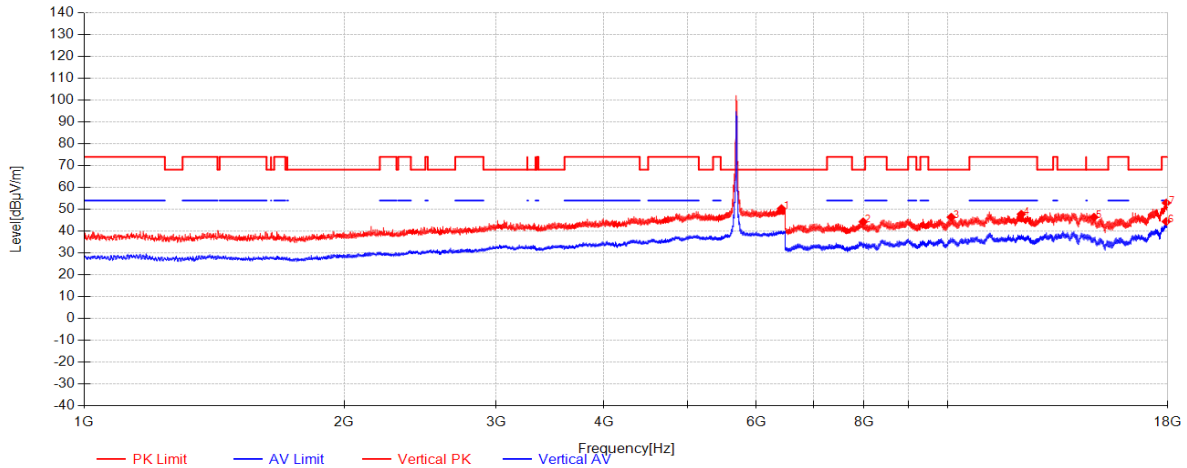
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6433.5769	34.73	35.17	-19.31	50.59	68.20	17.61	Vertical
2	6947.5417	52.21	36.10	-44.58	43.73	68.20	24.47	Vertical
3	9020.8958	48.94	38.12	-40.77	46.29	74.00	27.71	Vertical
4	11217.3958	45.95	38.83	-36.97	47.81	74.00	26.19	Vertical
5	13964.9375	46.40	39.96	-36.29	50.07	68.20	18.13	Vertical
6	17907.5208	46.08	42.64	-35.07	53.65	74.00	20.35	Vertical
7	17915.6667	36.23	42.68	-35.07	43.84	54.00	10.16	Vertical

11a_TX_CH_140_Horizontal



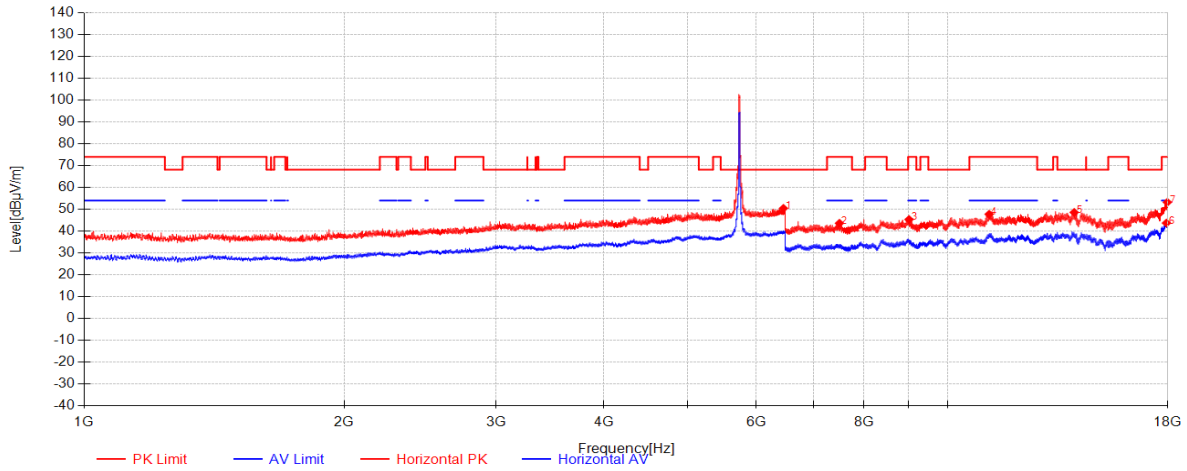
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489.8462	34.66	35.20	-19.22	50.64	68.20	17.56	Horizontal
2	7286.7917	51.36	36.48	-43.84	43.99	74.00	30.01	Horizontal
3	8981.125	48.11	38.16	-40.76	45.51	68.20	22.69	Horizontal
4	10774.1667	46.25	38.90	-38.41	46.74	74.00	27.26	Horizontal
5	13653	45.65	39.95	-36.45	49.15	68.20	19.05	Horizontal
6	17925.25	45.25	42.73	-35.07	52.91	74.00	21.09	Horizontal
7	17931.4792	36.41	42.76	-35.07	44.10	54.00	9.90	Horizontal

11a_TX_CH_140_Vertical



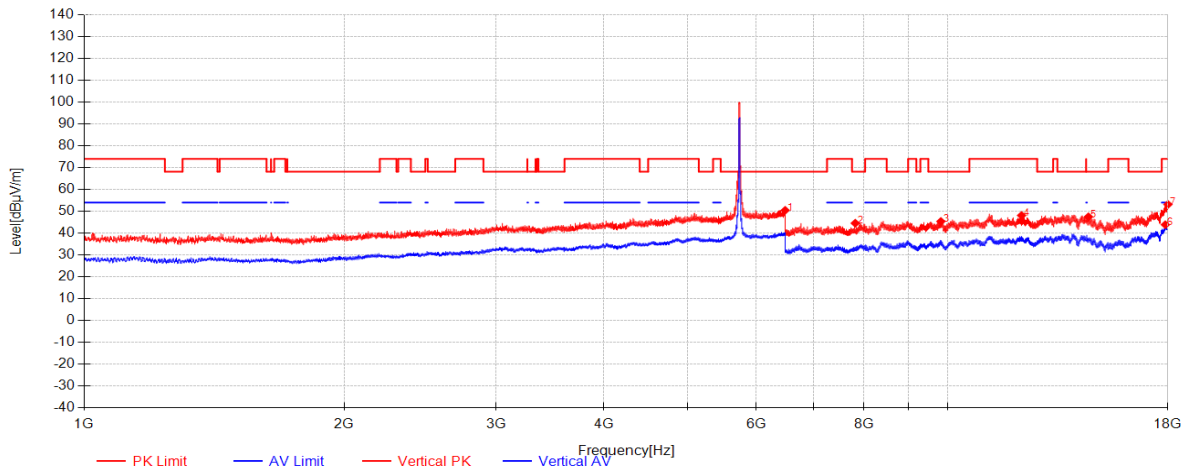
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6420.8846	34.51	35.14	-19.33	50.33	68.20	17.87	Vertical
2	7983.9792	50.14	37.30	-43.16	44.28	68.20	23.92	Vertical
3	10098.0625	46.68	38.59	-38.87	46.41	68.20	21.79	Vertical
4	12172.375	45.44	39.14	-36.80	47.78	74.00	26.22	Vertical
5	14775.2083	43.33	39.70	-36.63	46.40	68.20	21.80	Vertical
6	17916.1458	36.81	42.68	-35.07	44.42	54.00	9.58	Vertical
7	17919.9792	45.30	42.70	-35.07	52.93	74.00	21.07	Vertical

11a_TX_CH_149_Horizontal



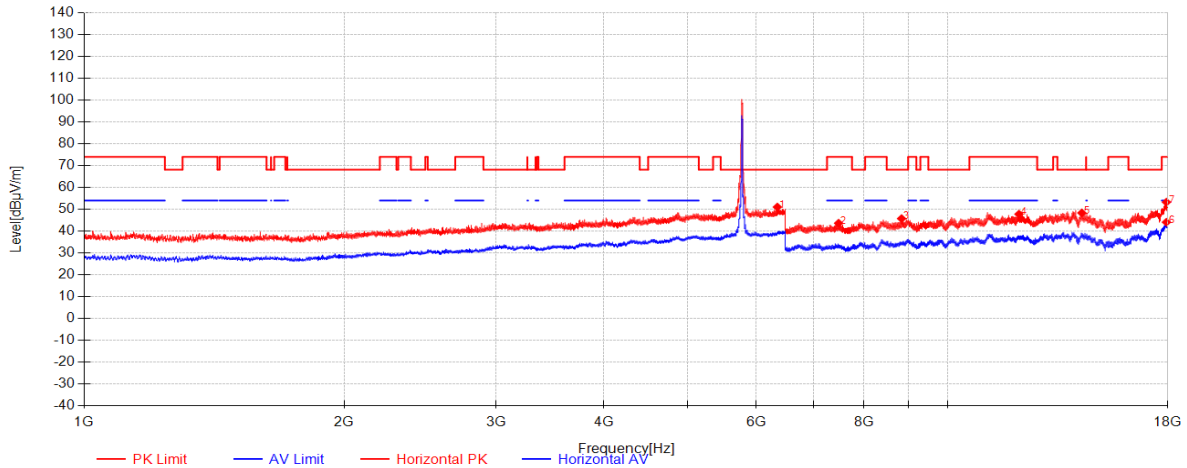
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6454.7308	34.53	35.20	-19.27	50.46	68.20	17.74	Horizontal
2	7493.7917	50.71	36.44	-43.51	43.64	74.00	30.36	Horizontal
3	9022.8125	48.04	38.11	-40.79	45.36	74.00	28.64	Horizontal
4	11171.3958	45.97	38.91	-37.13	47.75	74.00	26.25	Horizontal
5	14014.7708	44.52	40.06	-35.98	48.59	68.20	19.61	Horizontal
6	17924.2917	36.06	42.72	-35.07	43.71	54.00	10.29	Horizontal
7	17967.8958	45.35	42.94	-35.06	53.23	74.00	20.77	Horizontal

11a_TX_CH_149_Vertical



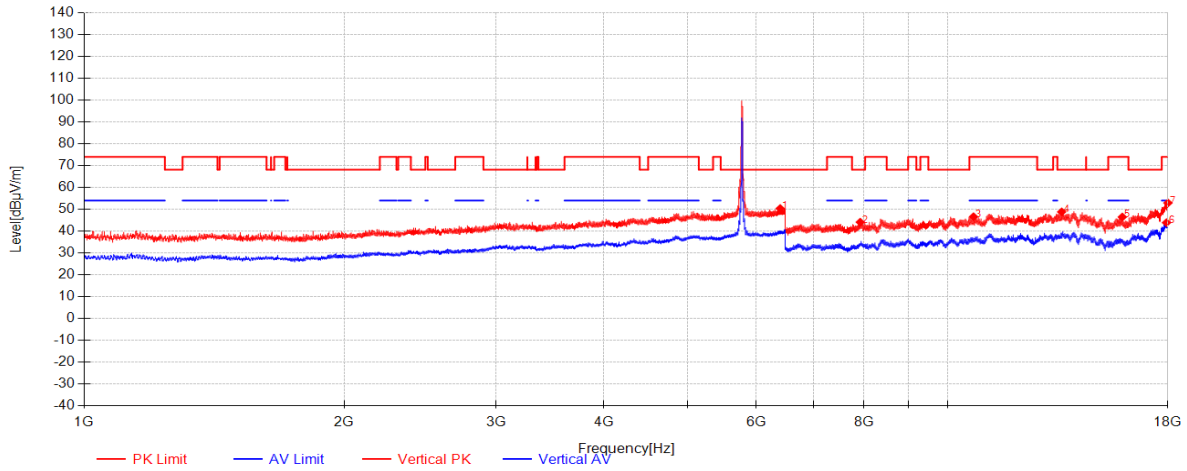
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.5	34.49	35.20	-19.23	50.46	68.20	17.74	Vertical
2	7818.1875	51.07	36.66	-43.17	44.56	68.20	23.64	Vertical
3	9822.5417	46.41	38.20	-39.23	45.38	68.20	22.82	Vertical
4	12180.5208	45.76	39.16	-36.82	48.10	74.00	25.90	Vertical
5	14559.5833	44.55	39.82	-36.86	47.51	68.20	20.69	Vertical
6	17872.0625	37.04	42.40	-35.57	43.87	54.00	10.13	Vertical
7	17997.125	45.13	43.09	-35.06	53.16	74.00	20.84	Vertical

11a_TX_CH_157_Horizontal



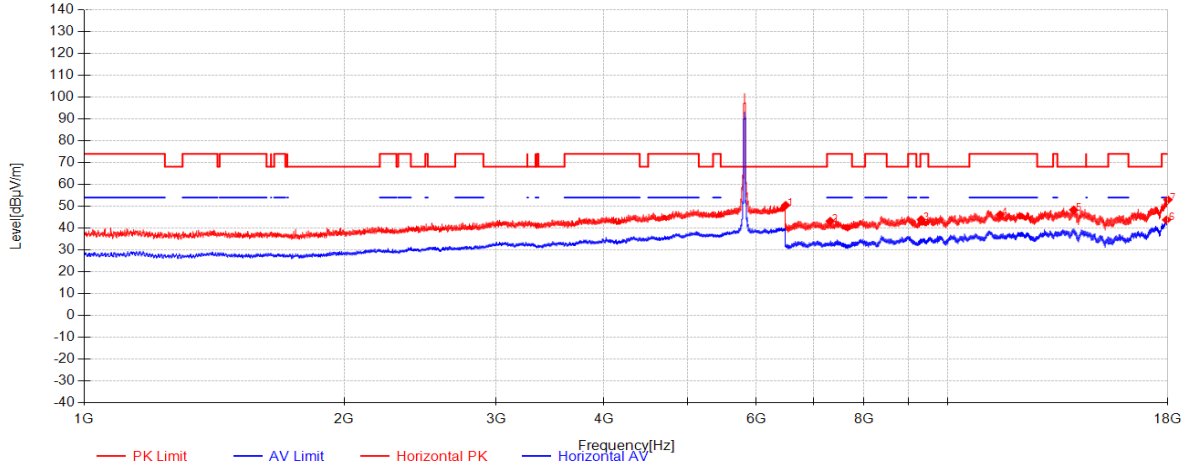
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6351.0769	35.73	34.61	-19.29	51.05	68.20	17.15	Horizontal
2	7477.5	50.77	36.53	-43.66	43.65	74.00	30.35	Horizontal
3	8844.5625	49.42	37.81	-41.48	45.75	68.20	22.45	Horizontal
4	12095.2292	45.44	38.99	-36.64	47.79	74.00	26.21	Horizontal
5	14304.1875	44.17	39.99	-35.80	48.36	68.20	19.84	Horizontal
6	17922.375	36.45	42.71	-35.07	44.09	54.00	9.91	Horizontal
7	17924.7708	45.62	42.72	-35.07	53.28	74.00	20.72	Horizontal

11a_TX_CH_157_Vertical



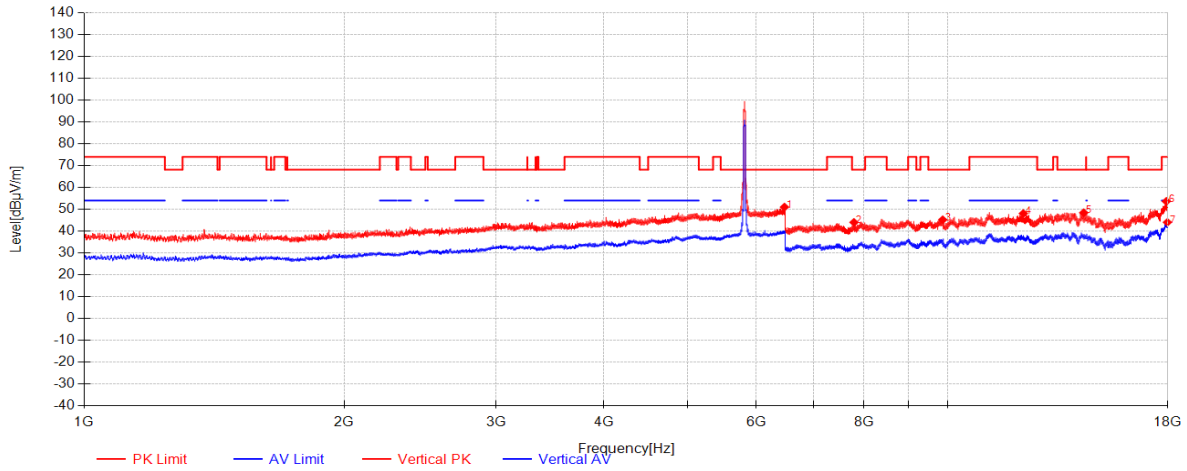
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6398.4615	34.65	35.08	-19.36	50.38	68.20	17.82	Vertical
2	7921.6875	50.07	36.96	-42.91	44.12	68.20	24.08	Vertical
3	10716.1875	47.10	38.66	-39.14	46.62	74.00	27.38	Vertical
4	13555.25	45.67	39.99	-36.84	48.82	68.20	19.38	Vertical
5	15937.6667	45.08	39.04	-37.64	46.48	74.00	27.52	Vertical
6	17926.2083	36.23	42.73	-35.07	43.89	54.00	10.11	Vertical
7	17997.125	44.91	43.09	-35.06	52.94	74.00	21.06	Vertical

11a_TX_CH_165_Horizontal



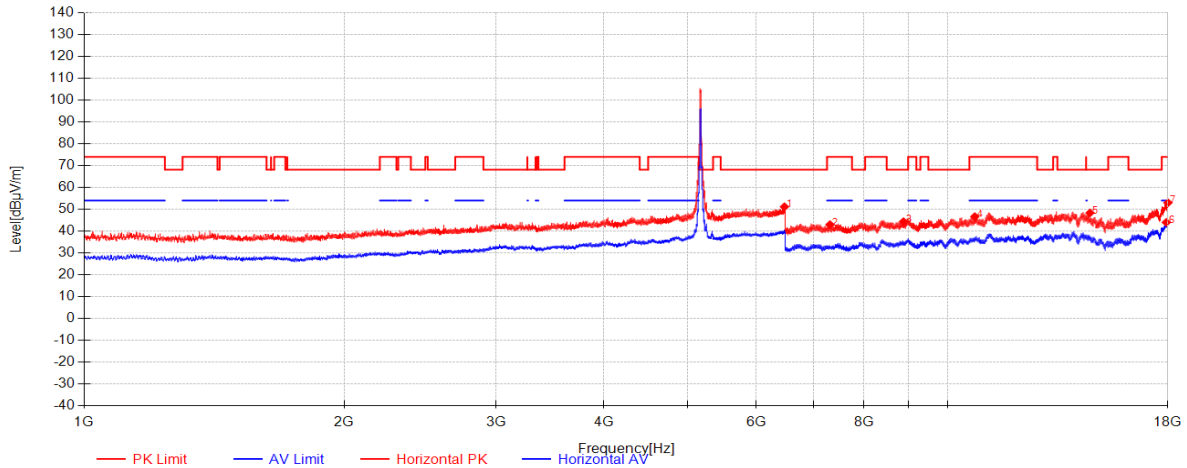
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6492.8077	34.50	35.20	-19.21	50.49	68.20	17.71	Horizontal
2	7312.6667	50.65	36.37	-43.79	43.23	74.00	30.77	Horizontal
3	9321.8125	46.89	38.36	-41.31	43.94	74.00	30.06	Horizontal
4	11503.9375	44.29	38.90	-37.03	46.16	74.00	27.84	Horizontal
5	13996.5625	44.25	40.09	-35.96	48.38	68.20	19.82	Horizontal
6	17932.9167	36.08	42.76	-35.07	43.78	54.00	10.22	Horizontal
7	17994.25	44.98	43.07	-35.06	52.99	74.00	21.01	Horizontal

11a_TX_CH_165_Vertical



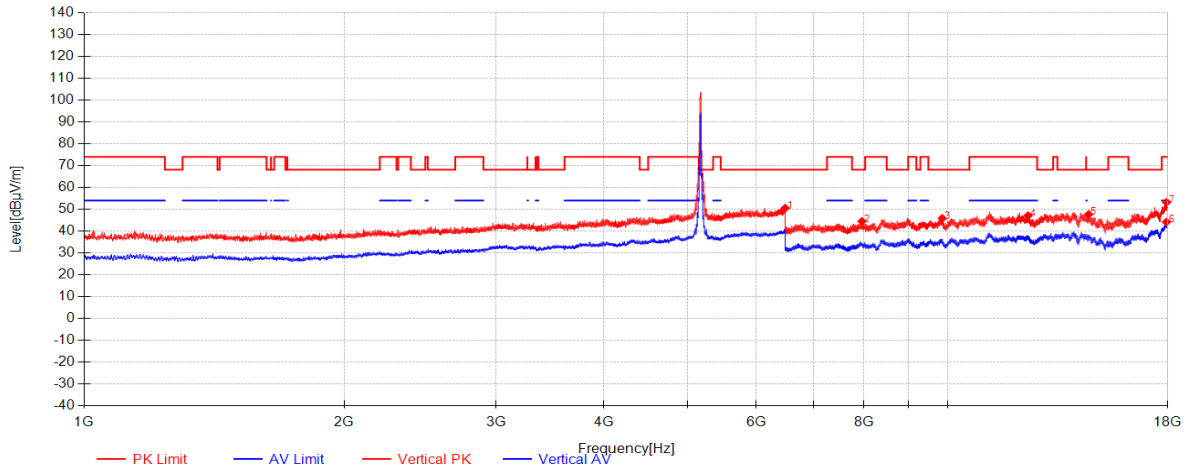
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6471.6538	35.08	35.20	-19.25	51.03	68.20	17.17	Vertical
2	7790.875	50.53	36.72	-43.24	44.01	68.20	24.19	Vertical
3	9870.4583	46.83	38.08	-39.71	45.20	68.20	23.00	Vertical
4	12238.0208	46.14	39.05	-37.11	48.08	74.00	25.92	Vertical
5	14377.9792	44.91	39.84	-36.32	48.43	68.20	19.77	Vertical
6	17919.5	46.03	42.70	-35.07	53.66	74.00	20.34	Vertical
7	17970.7708	36.17	42.95	-35.06	44.06	54.00	9.94	Vertical

11ax(HE20)_TX_CH_36_Horizontal



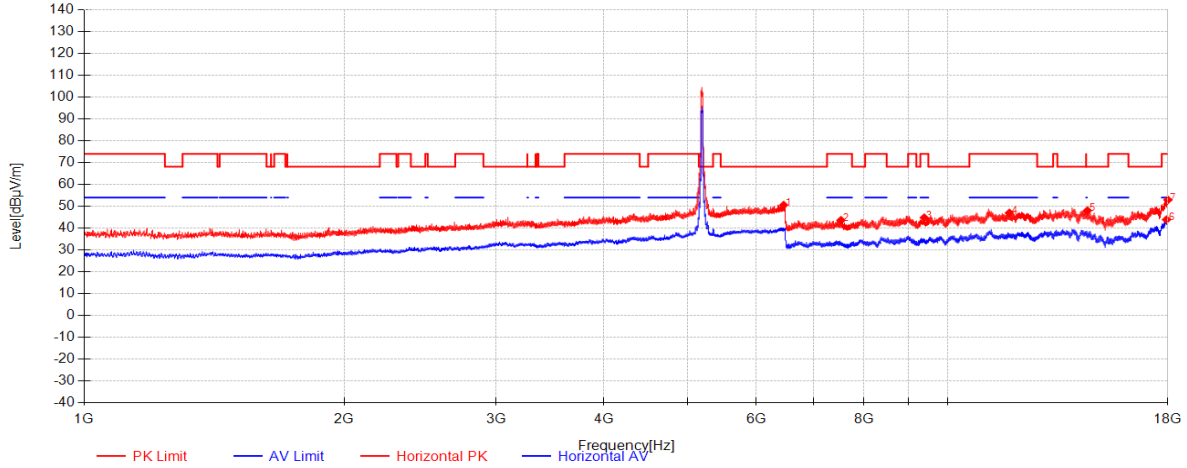
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6472.9231	35.21	35.20	-19.24	51.17	68.20	17.03	Horizontal
2	7307.875	50.38	36.38	-43.76	43.00	74.00	31.00	Horizontal
3	8890.5625	48.04	37.80	-41.49	44.35	68.20	23.85	Horizontal
4	10752.125	46.54	38.81	-38.69	46.66	74.00	27.34	Horizontal
5	14620.9167	45.69	39.70	-37.01	48.38	68.20	19.82	Horizontal
6	17919.0208	36.38	42.70	-35.07	44.01	54.00	9.99	Horizontal
7	18000	44.98	43.10	-35.06	53.02	74.00	20.98	Horizontal

11ax(HE20)_TX_CH_36_Veritical



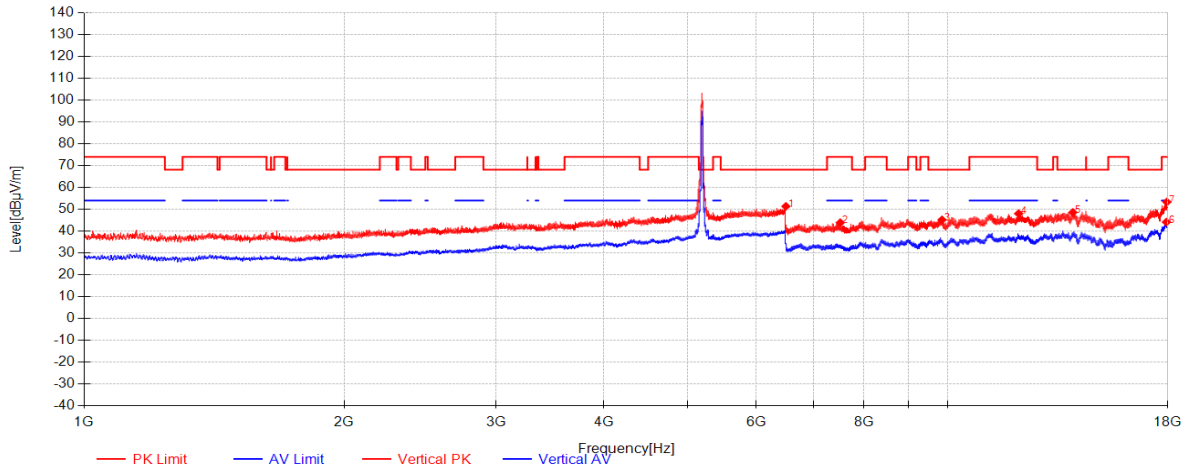
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.5	34.59	35.20	-19.23	50.56	68.20	17.64	Vertical
2	7956.6667	50.27	37.30	-43.05	44.52	68.20	23.68	Vertical
3	9857.5208	47.28	38.15	-39.58	45.86	68.20	22.34	Vertical
4	12391.8333	46.23	39.08	-38.19	47.12	74.00	26.88	Vertical
5	14563.8958	44.75	39.81	-36.89	47.67	68.20	20.53	Vertical
6	17919.9792	36.54	42.70	-35.07	44.17	54.00	9.83	Vertical
7	17933.3958	45.56	42.77	-35.07	53.26	74.00	20.74	Vertical

11ax(HE20)_TX_CH_40_Horizontal



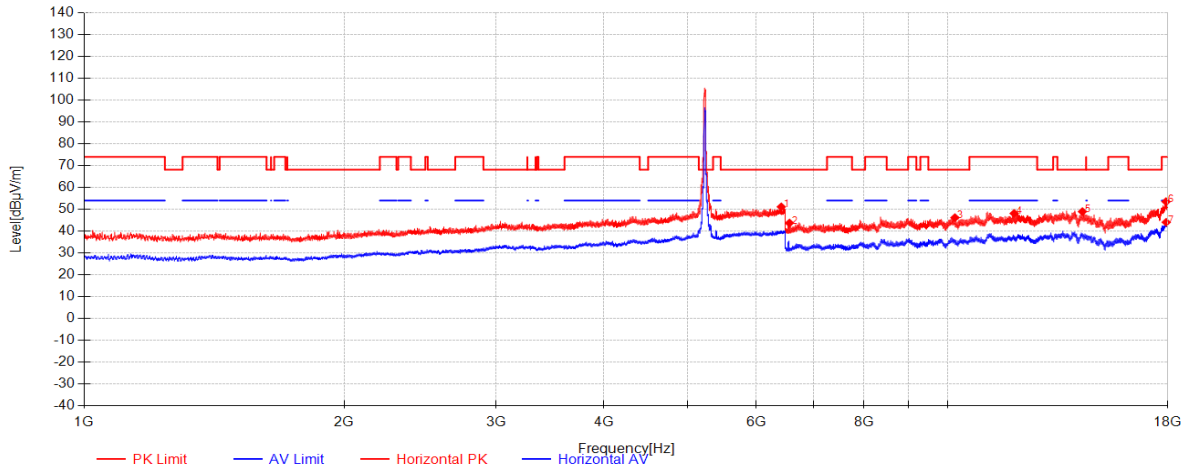
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6458.5385	34.65	35.20	-19.27	50.58	68.20	17.62	Horizontal
2	7524.9375	50.85	36.20	-43.45	43.61	74.00	30.39	Horizontal
3	9396.0833	47.53	38.21	-40.96	44.78	74.00	29.22	Horizontal
4	11790.9583	46.00	38.79	-37.81	46.98	74.00	27.02	Horizontal
5	14518.375	44.60	39.94	-36.51	48.04	68.20	20.16	Horizontal
6	17927.1667	36.22	42.74	-35.07	43.89	54.00	10.11	Horizontal
7	17994.25	44.95	43.07	-35.06	52.96	74.00	21.04	Horizontal

11ax(HE20)_TX_CH_40_Veritical



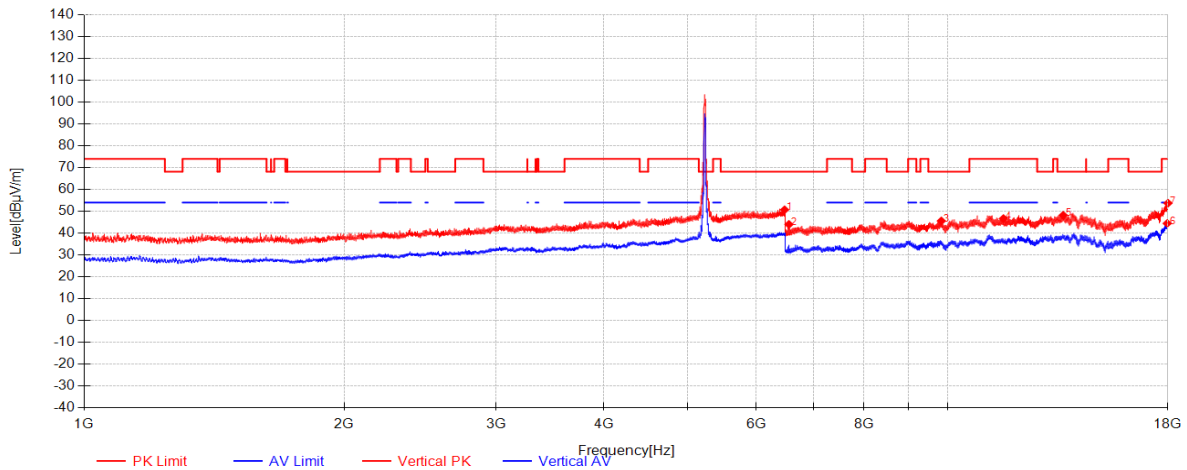
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6497.0385	35.36	35.20	-19.20	51.36	68.20	16.84	Vertical
2	7510.0833	51.01	36.32	-43.45	43.88	74.00	30.12	Vertical
3	9851.2917	46.50	38.19	-39.52	45.17	68.20	23.03	Vertical
4	12085.6458	45.81	38.97	-36.75	48.03	74.00	25.97	Vertical
5	13965.8958	44.90	39.96	-36.28	48.59	68.20	19.61	Vertical
6	17926.2083	36.49	42.73	-35.07	44.15	54.00	9.85	Vertical
7	17944.8958	45.62	42.82	-35.07	53.38	74.00	20.62	Vertical

11ax(HE20)_TX_CH_48_Horizontal



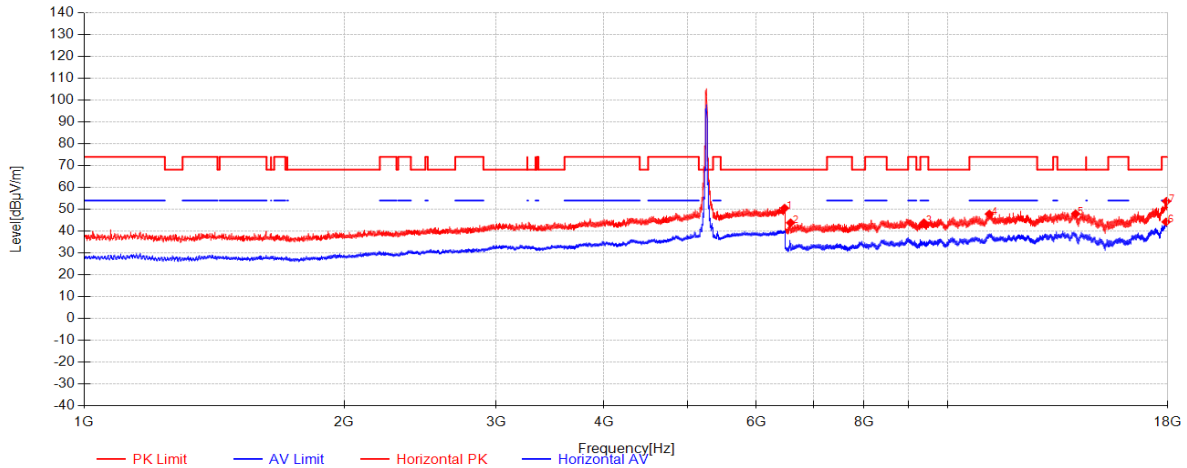
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6417.5	35.36	35.13	-19.33	51.16	68.20	17.04	Horizontal
2	6558.9375	53.41	35.27	-44.96	43.72	68.20	24.48	Horizontal
3	10197.7292	46.88	38.31	-39.00	46.19	68.20	22.01	Horizontal
4	11942.8542	47.54	38.80	-38.23	48.11	74.00	25.89	Horizontal
5	14325.75	44.97	39.95	-35.95	48.97	68.20	19.23	Horizontal
6	17907.0417	45.94	42.64	-35.07	53.51	74.00	20.49	Horizontal
7	17914.7083	36.46	42.67	-35.07	44.07	54.00	9.93	Horizontal

11ax(HE20)_TX_CH_48_Veritical



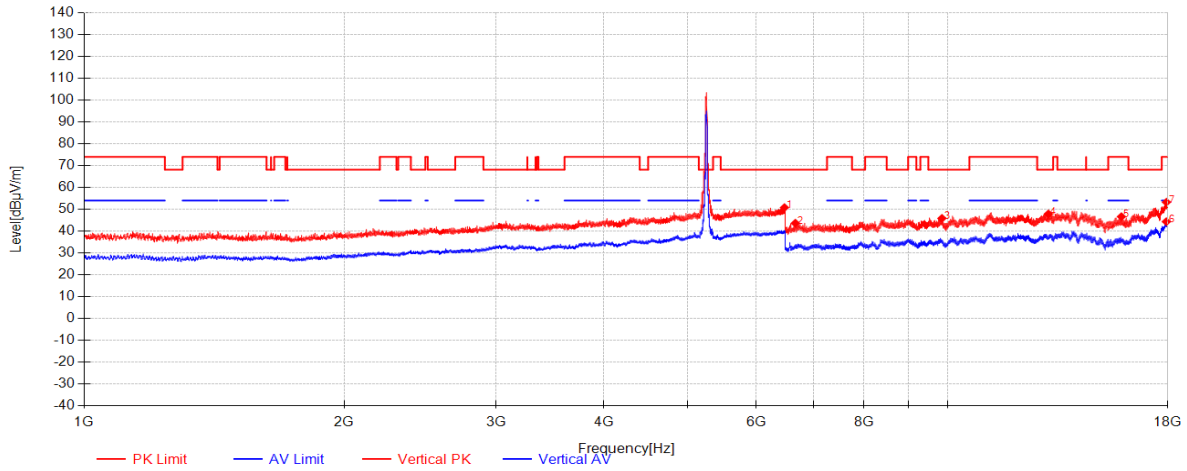
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6474.1923	34.76	35.20	-19.24	50.72	68.20	17.48	Vertical
2	6550.3125	53.75	35.20	-44.95	44.01	68.20	24.19	Vertical
3	9835	46.76	38.20	-39.36	45.60	68.20	22.60	Vertical
4	11605.0417	44.36	38.89	-36.56	46.69	74.00	27.31	Vertical
5	13610.8333	44.47	39.91	-36.17	48.21	68.20	19.99	Vertical
6	17962.1458	36.62	42.91	-35.06	44.47	54.00	9.53	Vertical
7	17999.5208	45.70	43.10	-35.06	53.74	74.00	20.26	Vertical

11ax(HE20)_TX_CH_52_Horizontal



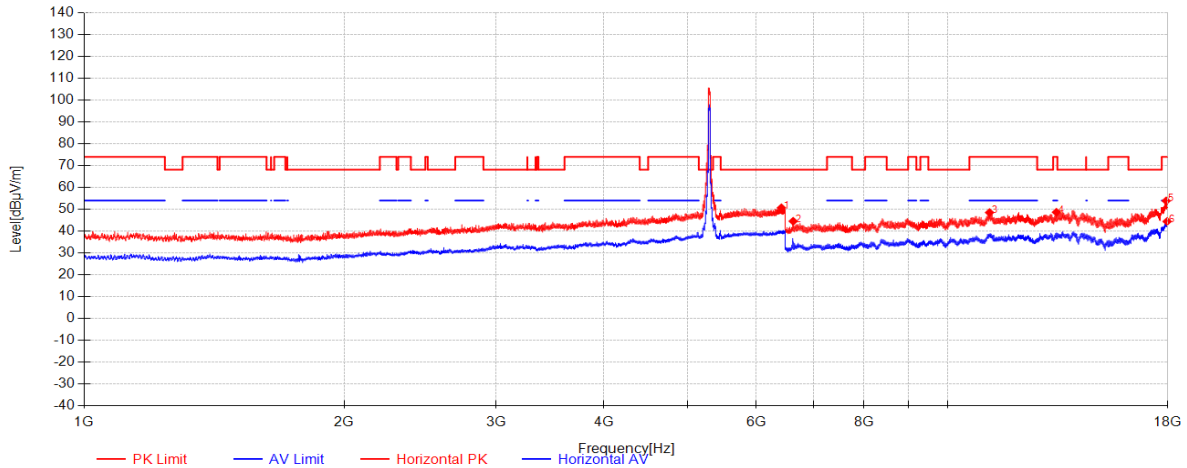
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6474.6154	34.59	35.20	-19.24	50.55	68.20	17.65	Horizontal
2	6578.5833	53.39	35.43	-44.99	43.83	68.20	24.37	Horizontal
3	9388.8958	46.61	38.22	-40.99	43.84	74.00	30.16	Horizontal
4	11177.1458	45.96	38.89	-37.01	47.84	74.00	26.16	Horizontal
5	14068.9167	44.28	39.89	-36.22	47.95	68.20	20.25	Horizontal
6	17908.4792	36.67	42.64	-35.07	44.24	54.00	9.76	Horizontal
7	17926.2083	46.03	42.73	-35.07	53.69	74.00	20.31	Horizontal

11ax(HE20)_TX_CH_52_Veritical



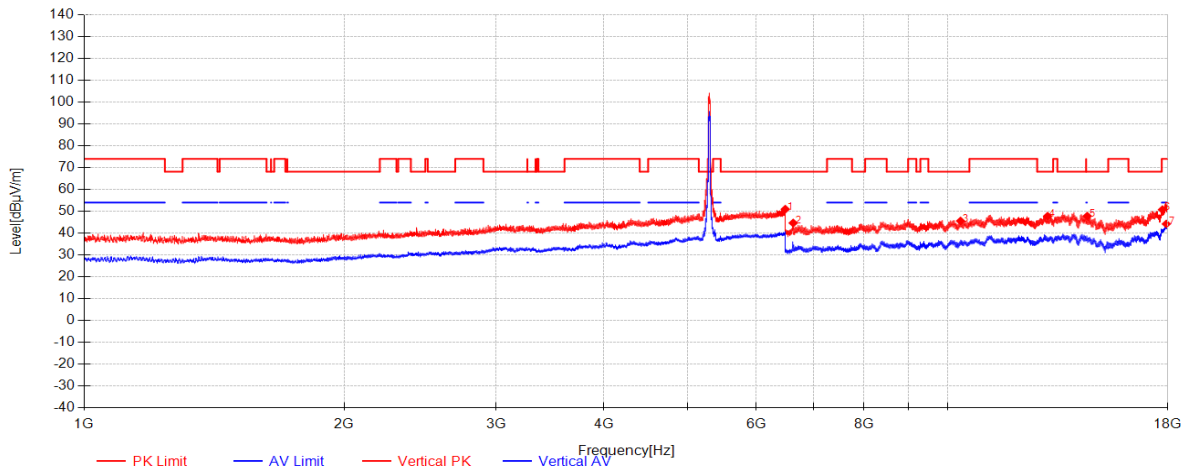
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6472.5	34.86	35.20	-19.24	50.82	68.20	17.38	Vertical
2	6662.9167	52.03	35.95	-44.32	43.66	68.20	24.54	Vertical
3	9849.8542	47.17	38.20	-39.50	45.87	68.20	22.33	Vertical
4	13083.75	45.55	39.63	-37.30	47.88	68.20	20.32	Vertical
5	15897.4167	44.98	39.31	-37.65	46.64	74.00	27.36	Vertical
6	17919.5	36.72	42.70	-35.07	44.35	54.00	9.65	Vertical
7	17925.7292	45.61	42.73	-35.07	53.27	74.00	20.73	Vertical

11ax(HE20)_TX_CH_60_Horizontal



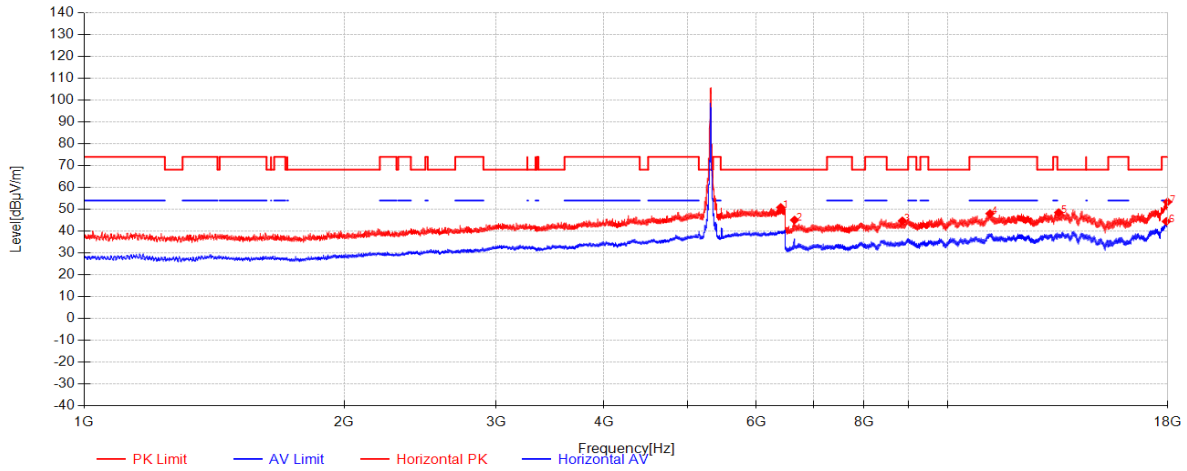
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6418.7692	34.89	35.14	-19.33	50.70	68.20	17.50	Horizontal
2	6624.5833	53.54	35.75	-44.75	44.54	68.20	23.66	Horizontal
3	11183.375	46.53	38.87	-36.88	48.52	74.00	25.48	Horizontal
4	13365.9792	46.75	39.87	-37.96	48.66	74.00	25.34	Horizontal
5	17913.75	46.29	42.67	-35.07	53.89	74.00	20.11	Horizontal
6	17956.875	36.61	42.88	-35.06	44.43	54.00	9.57	Horizontal

11ax(HE20)_TX_CH_60_Veritical



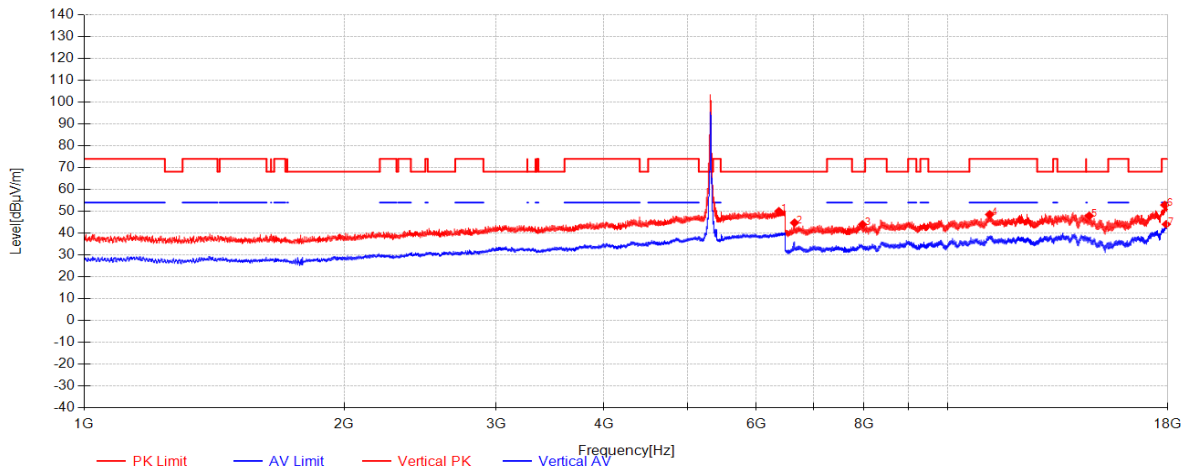
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6486.0385	35.00	35.20	-19.22	50.98	68.20	17.22	Vertical
2	6624.5833	53.66	35.75	-44.75	44.66	68.20	23.54	Vertical
3	10352.0208	46.44	38.56	-39.41	45.58	68.20	22.62	Vertical
4	13055.4792	45.35	39.69	-37.24	47.80	68.20	20.40	Vertical
5	14513.5833	44.33	39.96	-36.47	47.82	68.20	20.38	Vertical
6	17735.0208	44.91	41.45	-35.59	50.77	74.00	23.23	Vertical
7	17919.0208	36.60	42.70	-35.07	44.23	54.00	9.77	Vertical

11ax(HE20)_TX_CH_64_Horizontal



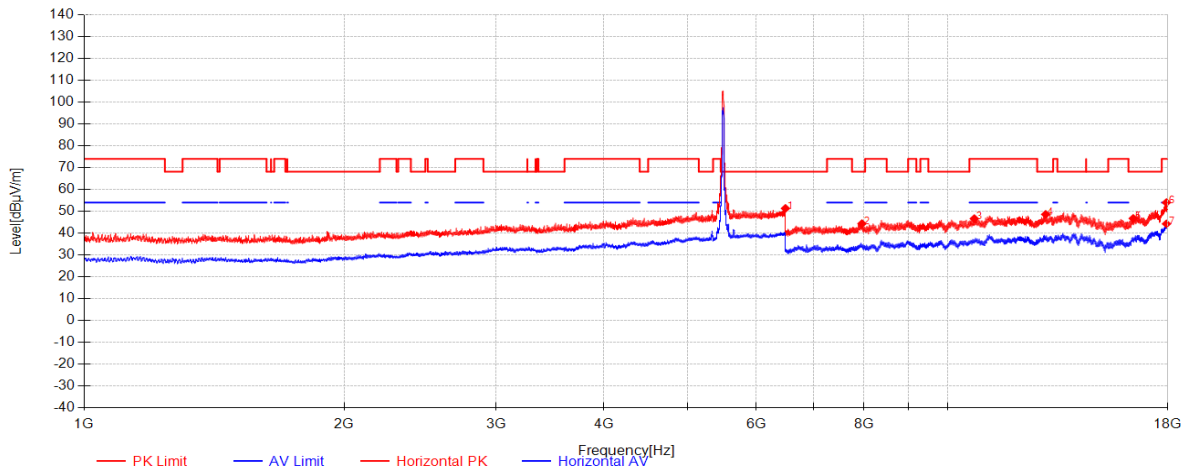
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6409.4615	35.09	35.12	-19.34	50.86	68.20	17.34	Horizontal
2	6648.5417	53.68	35.89	-44.48	45.09	68.20	23.11	Horizontal
3	8863.25	48.41	37.80	-41.49	44.72	68.20	23.48	Horizontal
4	11197.75	45.80	38.81	-36.58	48.03	74.00	25.97	Horizontal
5	13448.875	46.25	40.00	-37.73	48.51	68.20	19.69	Horizontal
6	17923.3333	36.81	42.72	-35.07	44.46	54.00	9.54	Horizontal
7	17977.9583	45.46	42.99	-35.06	53.39	74.00	20.61	Horizontal

11ax(HE20)_TX_CH_64_Vertical



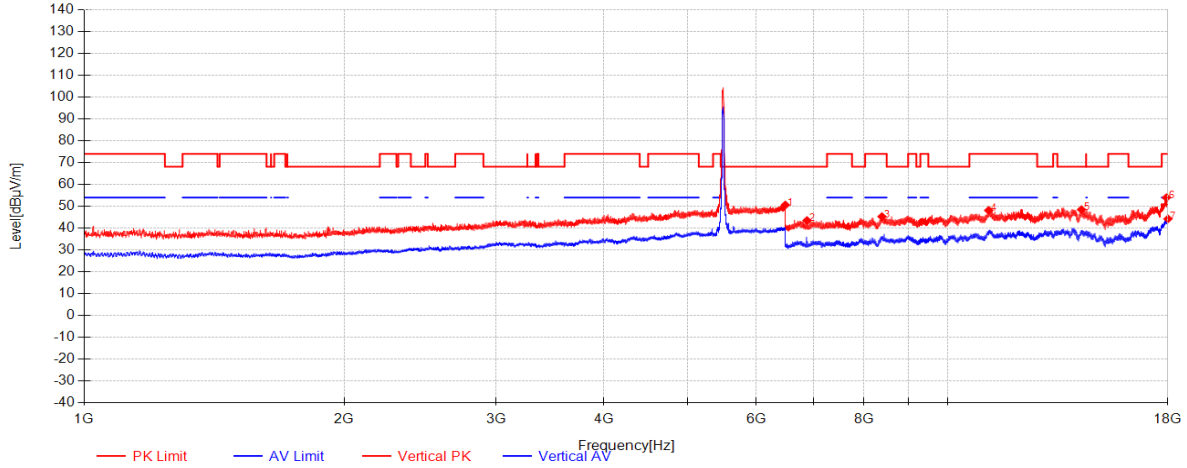
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6376.4615	34.49	34.86	-19.33	50.03	68.20	18.17	Vertical
2	6648.5417	53.36	35.89	-44.48	44.77	68.20	23.43	Vertical
3	7969.6042	49.78	37.30	-43.11	43.97	68.20	24.23	Vertical
4	11186.25	46.50	38.86	-36.82	48.54	74.00	25.46	Vertical
5	14591.2083	45.33	39.73	-37.13	47.93	68.20	20.27	Vertical
6	17844.2708	46.73	42.21	-36.07	52.87	74.00	21.13	Vertical
7	17916.1458	36.44	42.68	-35.07	44.05	54.00	9.95	Vertical

11ax(HE20)_TX_CH_100_Horizontal



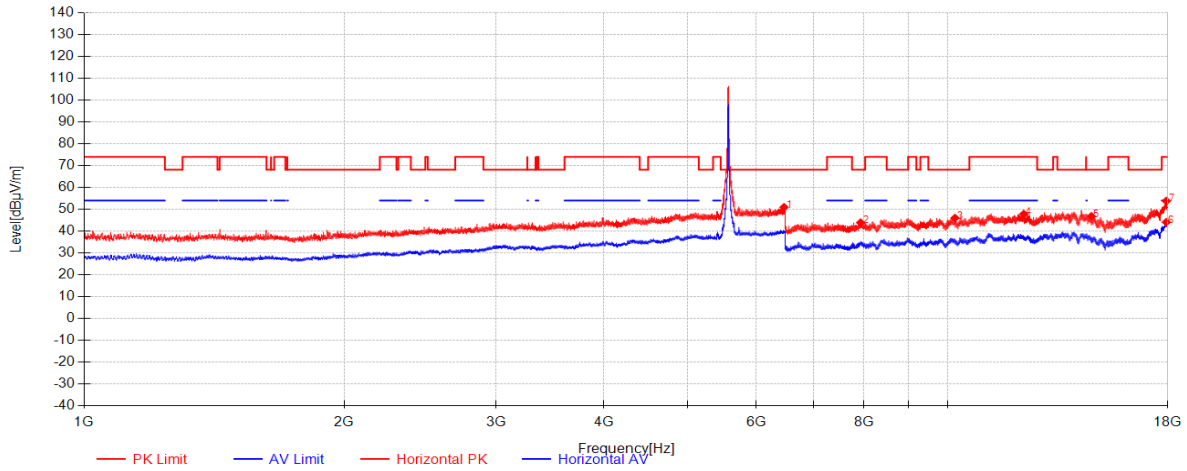
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489	35.35	35.20	-19.22	51.33	68.20	16.87	Horizontal
2	7958.1042	50.11	37.30	-43.06	44.35	68.20	23.85	Horizontal
3	10738.2292	46.77	38.75	-38.86	46.66	74.00	27.34	Horizontal
4	12989.3542	46.05	39.78	-37.23	48.59	68.20	19.61	Horizontal
5	16405.8125	45.32	38.61	-37.19	46.74	68.20	21.46	Horizontal
6	17922.8542	46.38	42.71	-35.07	54.03	74.00	19.97	Horizontal
7	17925.7292	36.59	42.73	-35.07	44.25	54.00	9.75	Horizontal

11ax(HE20)_TX_CH_100_Verical



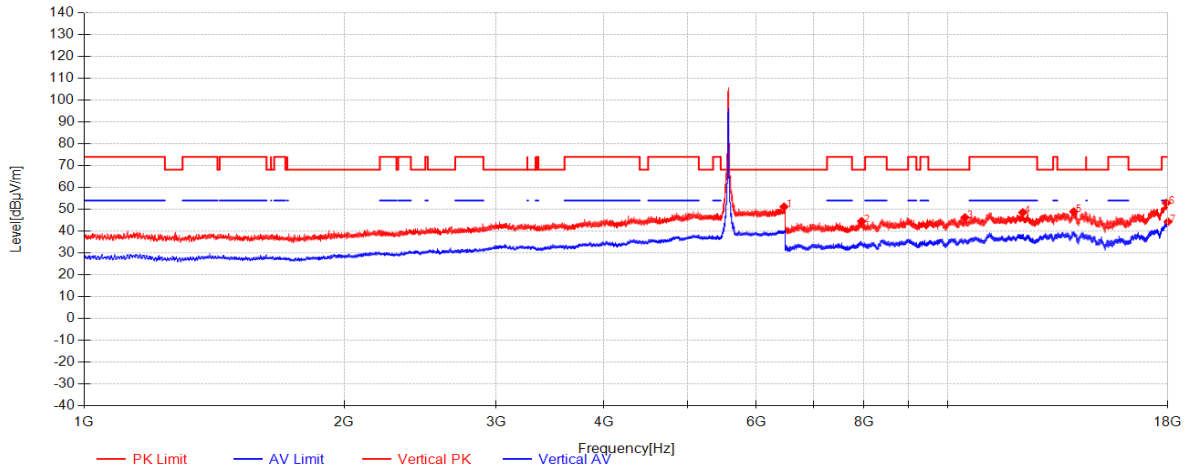
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6487.3077	34.64	35.20	-19.22	50.62	68.20	17.58	Vertical
2	6873.75	52.77	35.89	-45.15	43.51	68.20	24.69	Vertical
3	8394.1458	49.77	37.08	-41.55	45.30	74.00	28.70	Vertical
4	11157.5	46.58	38.97	-37.42	48.13	74.00	25.87	Vertical
5	14290.7708	44.55	40.02	-36.08	48.49	68.20	19.71	Vertical
6	17923.3333	46.33	42.72	-35.07	53.98	74.00	20.02	Vertical
7	17999.5208	36.22	43.10	-35.06	44.26	54.00	9.74	Vertical

11ax(HE20)_TX_CH_116_Horizontal



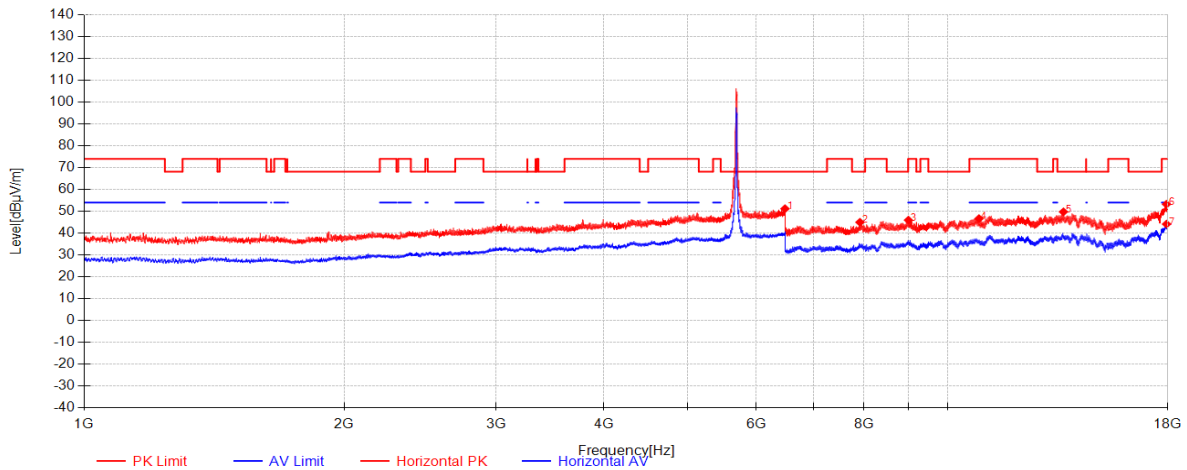
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6464.8846	34.99	35.20	-19.26	50.93	68.20	17.27	Horizontal
2	7929.8333	49.79	37.06	-42.94	43.91	68.20	24.29	Horizontal
3	10197.7292	46.71	38.31	-39.00	46.02	68.20	22.18	Horizontal
4	12250.9583	46.01	39.00	-37.19	47.82	74.00	26.18	Horizontal
5	14672.6667	43.66	39.70	-36.55	46.81	68.20	21.39	Horizontal
6	17916.1458	36.50	42.68	-35.07	44.11	54.00	9.89	Horizontal
7	17919.9792	46.20	42.70	-35.07	53.83	74.00	20.17	Horizontal

11ax(HE20)_TX_CH_116_Vertical



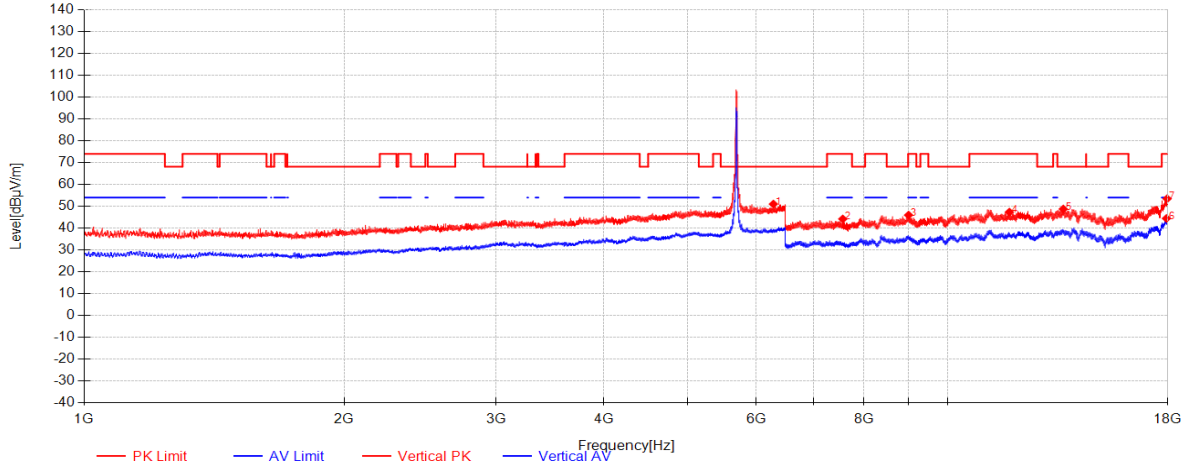
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6464.8846	35.23	35.20	-19.26	51.17	68.20	17.03	Vertical
2	7949.4792	50.26	37.29	-43.02	44.53	68.20	23.67	Vertical
3	10473.25	47.00	38.41	-39.14	46.27	68.20	21.93	Vertical
4	12218.375	46.42	39.13	-36.99	48.56	74.00	25.44	Vertical
5	13997.5208	44.81	40.09	-35.95	48.95	68.20	19.25	Vertical
6	17923.8125	45.26	42.72	-35.07	52.91	74.00	21.09	Vertical
7	17999.0417	36.29	43.10	-35.06	44.33	54.00	9.67	Vertical

11ax(HE20)_TX_CH_140_Horizontal



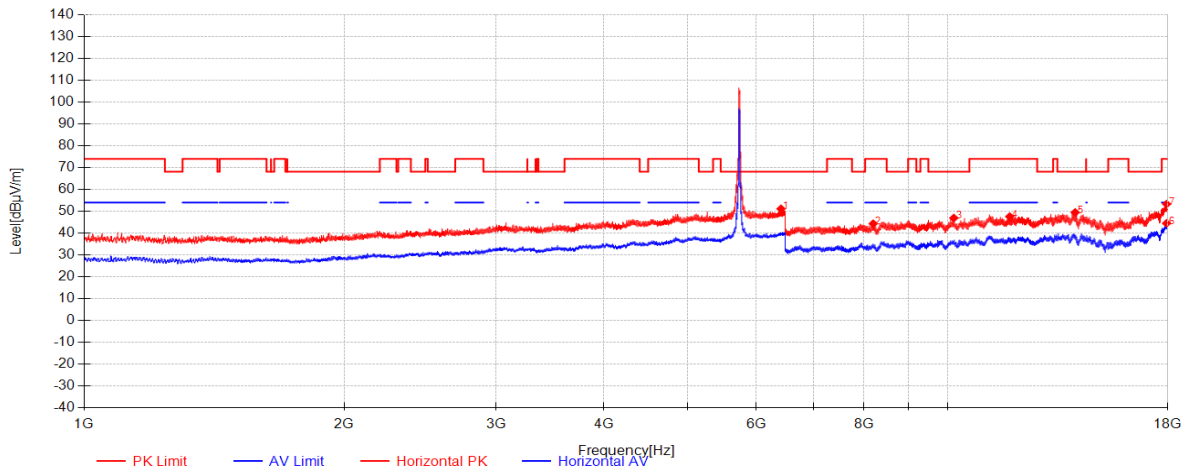
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6480.9615	35.22	35.20	-19.23	51.19	68.20	17.01	Horizontal
2	7914.9792	50.99	36.88	-42.88	44.99	68.20	23.21	Horizontal
3	9008.4375	48.47	38.17	-40.66	45.97	74.00	28.03	Horizontal
4	10872.3958	45.55	39.07	-37.99	46.64	74.00	27.36	Horizontal
5	13619.4583	46.07	39.92	-36.23	49.76	68.20	18.44	Horizontal
6	17925.25	45.60	42.73	-35.07	53.26	74.00	20.74	Horizontal
7	17930.0417	36.48	42.75	-35.07	44.16	54.00	9.84	Horizontal

11ax(HE20)_TX_CH_140_Vertical



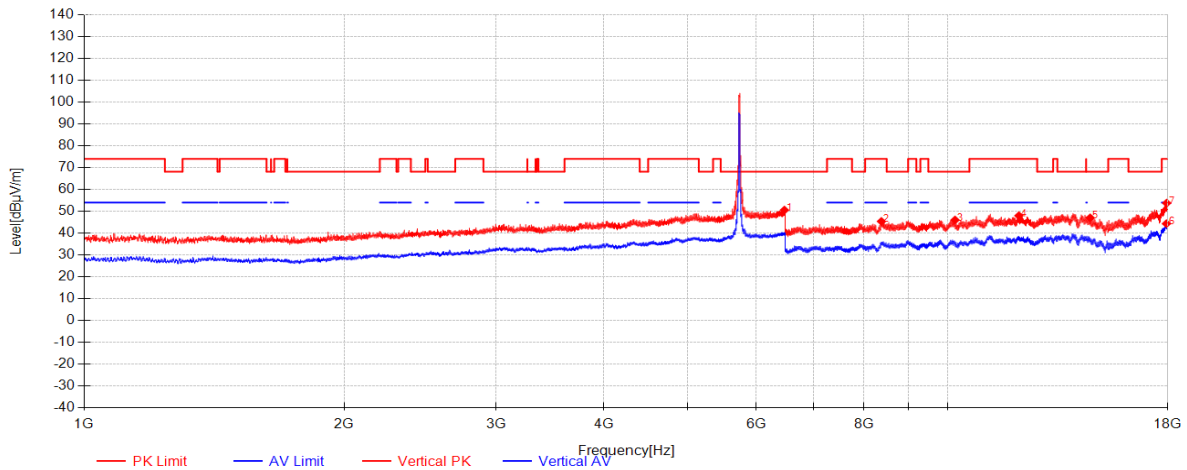
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6283.8077	36.00	34.27	-19.22	51.04	68.20	17.16	Vertical
2	7561.8333	51.64	36.00	-43.44	44.20	74.00	29.80	Vertical
3	9011.3125	48.52	38.15	-40.69	45.99	74.00	28.01	Vertical
4	11791.4375	46.37	38.79	-37.81	47.35	74.00	26.65	Vertical
5	13614.1875	45.05	39.91	-36.19	48.77	68.20	19.43	Vertical
6	17924.7708	36.80	42.72	-35.07	44.46	54.00	9.54	Vertical
7	17957.3542	45.66	42.89	-35.06	53.48	74.00	20.52	Vertical

11ax(HE20)_TX_CH_149_Horizontal



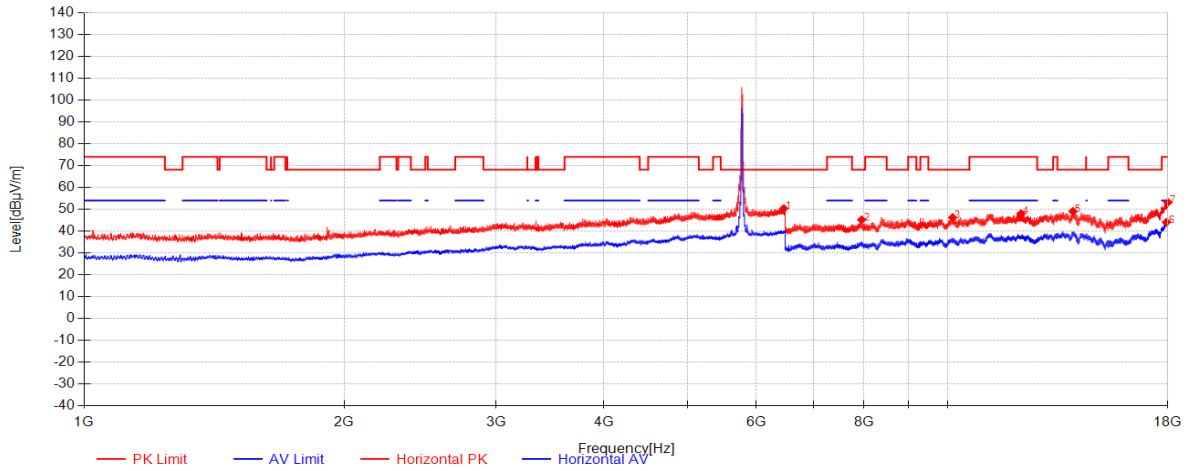
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6412.4231	35.36	35.12	-19.34	51.14	68.20	17.06	Horizontal
2	8200.5625	49.25	37.40	-42.33	44.32	74.00	29.68	Horizontal
3	10166.5833	47.47	38.40	-38.94	46.93	68.20	21.27	Horizontal
4	11801.5	46.66	38.80	-37.88	47.58	74.00	26.42	Horizontal
5	14051.1875	45.68	39.95	-36.15	49.48	68.20	18.72	Horizontal
6	17929.5625	36.82	42.75	-35.07	44.50	54.00	9.50	Horizontal
7	17932.9167	45.64	42.76	-35.07	53.34	74.00	20.66	Horizontal

11ax(HE20)_TX_CH_149_Vertical



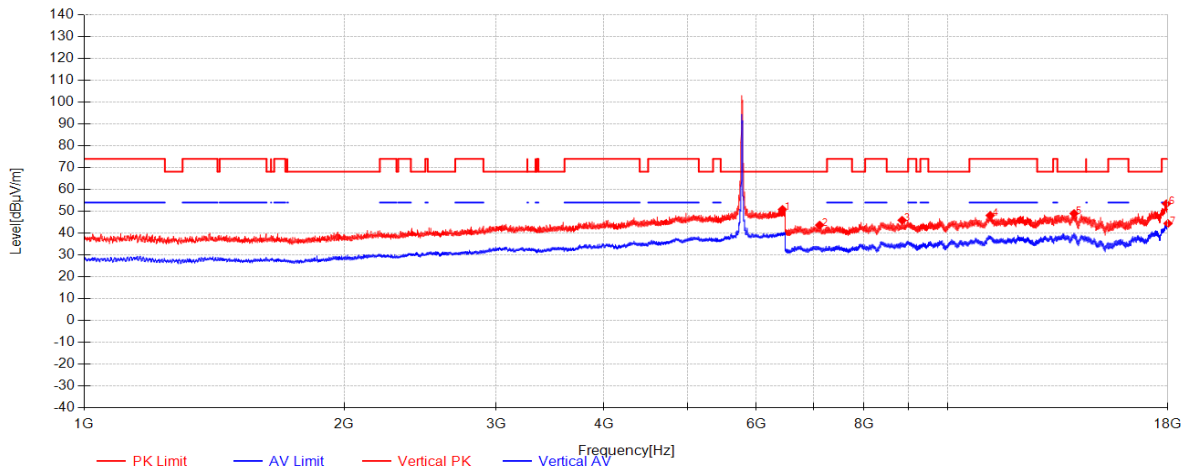
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6471.6538	34.63	35.20	-19.25	50.58	68.20	17.62	Vertical
2	8381.6875	50.23	37.03	-41.88	45.38	74.00	28.62	Vertical
3	10200.125	46.73	38.30	-39.00	46.03	68.20	22.17	Vertical
4	12094.2708	45.66	38.99	-36.66	47.99	74.00	26.01	Vertical
5	14626.6667	44.29	39.70	-36.96	47.03	68.20	21.17	Vertical
6	17923.3333	36.69	42.72	-35.07	44.34	54.00	9.66	Vertical
7	17934.3542	46.05	42.77	-35.07	53.76	74.00	20.24	Vertical

11ax(HE20)_TX_CH_157_Horizontal



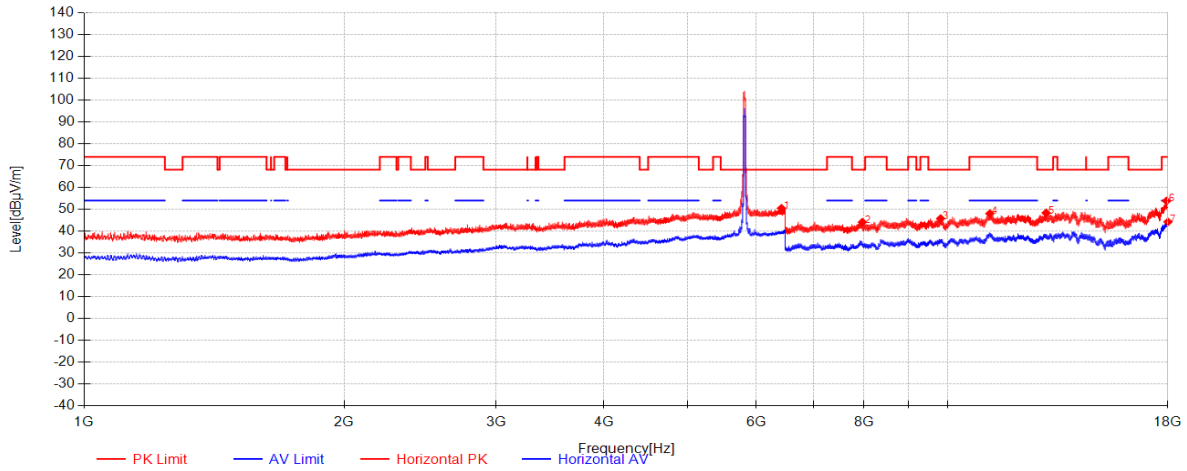
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6460.2308	34.41	35.20	-19.26	50.35	68.20	17.85	Horizontal
2	7952.3542	50.95	37.30	-43.03	45.22	68.20	22.98	Horizontal
3	10135.4375	46.66	38.49	-38.88	46.28	68.20	21.92	Horizontal
4	12163.75	45.69	39.13	-36.77	48.04	74.00	25.96	Horizontal
5	13968.7708	45.37	39.98	-36.25	49.10	68.20	19.10	Horizontal
6	17923.3333	36.46	42.72	-35.07	44.11	54.00	9.89	Horizontal
7	17997.6042	45.16	43.09	-35.06	53.19	74.00	20.81	Horizontal

11ax(HE20)_TX_CH_157_Vertical



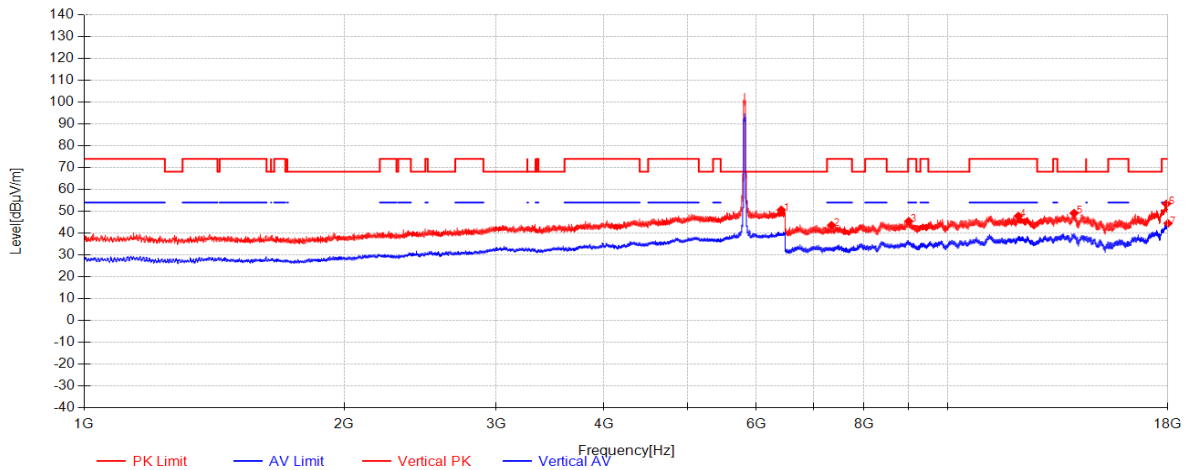
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6437.8077	35.00	35.18	-19.30	50.88	68.20	17.32	Vertical
2	7109.5	51.31	36.28	-43.90	43.69	68.20	24.51	Vertical
3	8857.5	49.59	37.80	-41.49	45.90	68.20	22.30	Vertical
4	11203.9792	45.94	38.81	-36.63	48.12	74.00	25.88	Vertical
5	14011.4167	44.91	40.07	-35.97	49.01	68.20	19.19	Vertical
6	17925.7292	45.83	42.73	-35.07	53.49	74.00	20.51	Vertical
7	18000	36.38	43.10	-35.06	44.42	54.00	9.58	Vertical

11ax(HE20)_TX_CH_165_Horizontal



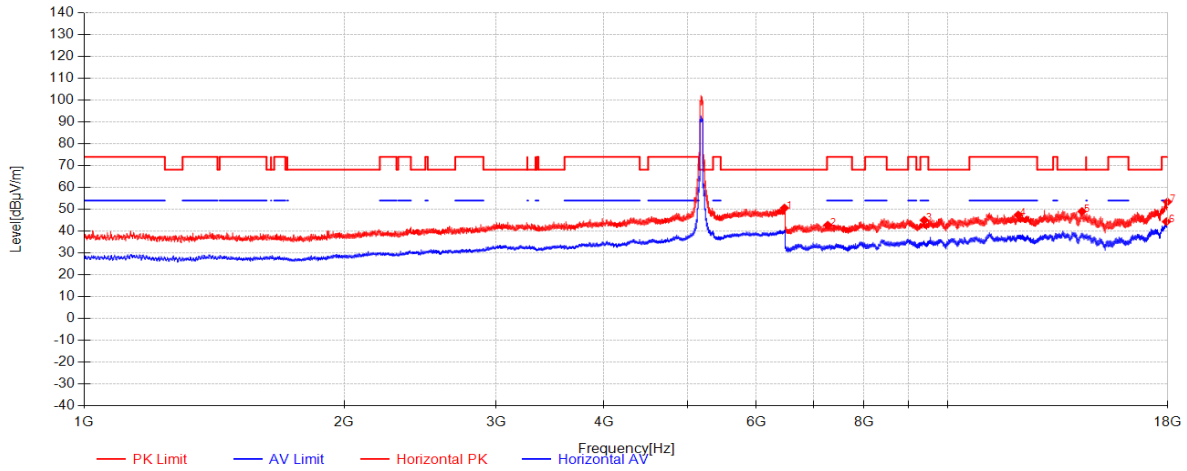
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6420.0385	34.66	35.14	-19.33	50.47	68.20	17.73	Horizontal
2	7966.7292	49.91	37.30	-43.09	44.12	68.20	24.08	Horizontal
3	9814.875	46.74	38.20	-39.16	45.78	68.20	22.42	Horizontal
4	11193.4375	45.89	38.83	-36.67	48.05	74.00	25.95	Horizontal
5	13006.125	45.71	39.79	-37.13	48.36	68.20	19.84	Horizontal
6	17928.6042	46.17	42.74	-35.07	53.85	74.00	20.15	Horizontal
7	17996.6458	36.24	43.08	-35.06	44.26	54.00	9.74	Horizontal

11ax(HE20)_TX_CH_165_Verical



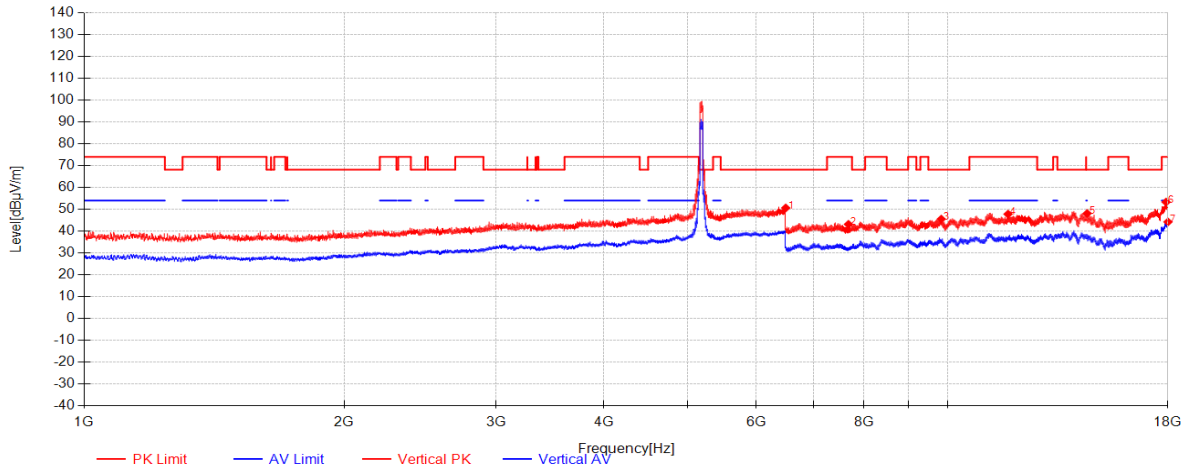
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6417.5	34.85	35.13	-19.33	50.65	68.20	17.55	Vertical
2	7336.625	51.22	36.33	-43.95	43.60	74.00	30.40	Vertical
3	9015.1458	48.01	38.14	-40.72	45.43	74.00	28.57	Vertical
4	12076.5417	45.71	38.95	-36.86	47.81	74.00	26.19	Vertical
5	14012.375	45.08	40.06	-35.97	49.17	68.20	19.03	Vertical
6	17925.7292	45.77	42.73	-35.07	53.43	74.00	20.57	Vertical
7	17999.5208	36.43	43.10	-35.06	44.47	54.00	9.53	Vertical

11ax(HE40)_TX_CH_38_Horizontal



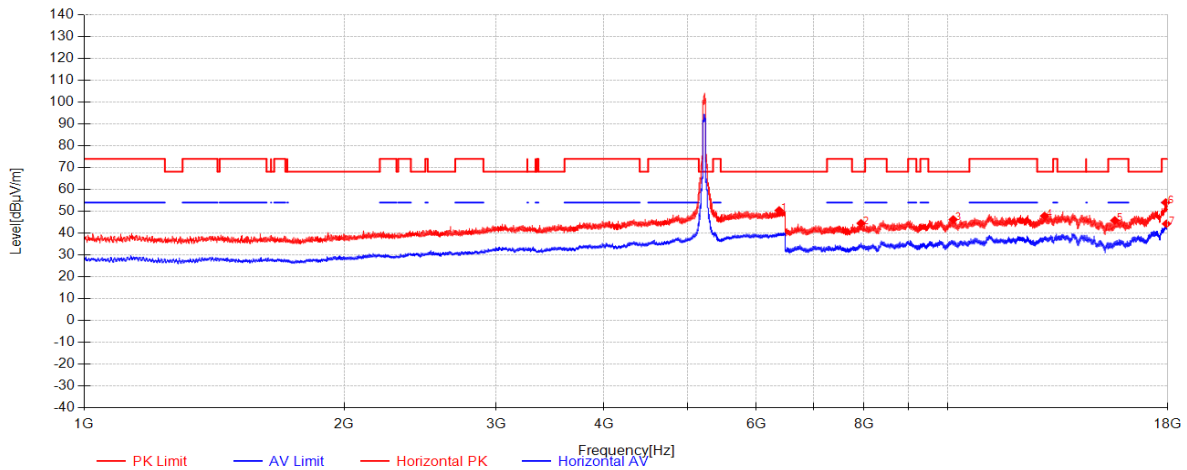
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6472.0769	34.65	35.20	-19.24	50.61	68.20	17.59	Horizontal
2	7264.75	50.22	36.61	-44.07	42.76	74.00	31.24	Horizontal
3	9396.0833	47.76	38.21	-40.96	45.01	74.00	28.99	Horizontal
4	12072.7083	45.38	38.95	-36.90	47.42	74.00	26.58	Horizontal
5	14310.8958	44.89	39.98	-35.85	49.02	68.20	19.18	Horizontal
6	17927.1667	36.69	42.74	-35.07	44.36	54.00	9.64	Horizontal
7	17973.6458	45.51	42.97	-35.06	53.42	74.00	20.58	Horizontal

11ax(HE40)_TX_CH_38_Veritical



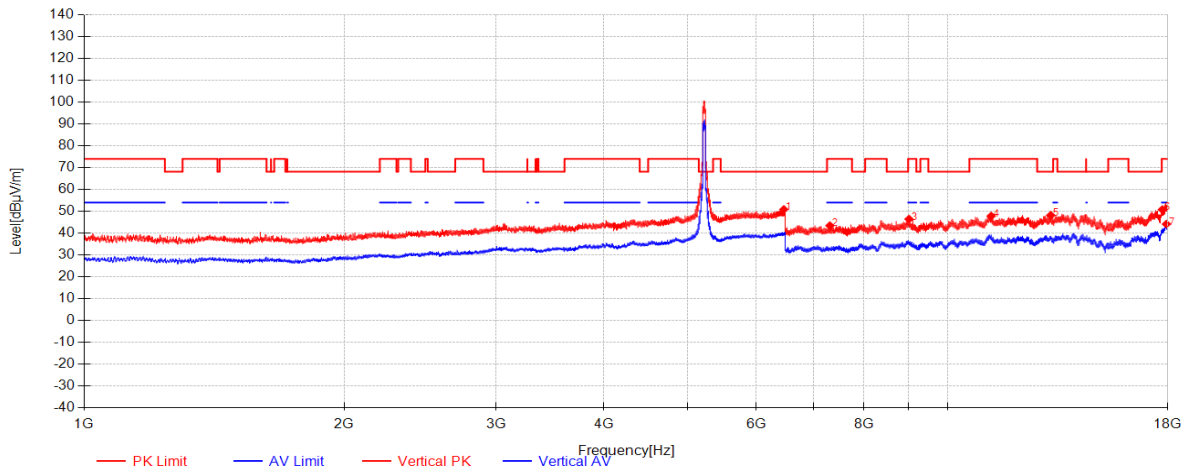
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6494.5	34.67	35.20	-19.21	50.66	68.20	17.54	Vertical
2	7676.8333	49.76	36.56	-43.18	43.14	74.00	30.86	Vertical
3	9833.0833	46.69	38.20	-39.34	45.55	68.20	22.65	Vertical
4	11748.7917	46.58	38.75	-37.51	47.82	74.00	26.18	Vertical
5	14506.3958	44.53	39.98	-36.40	48.11	68.20	20.09	Vertical
6	17907.0417	45.76	42.64	-35.07	53.33	74.00	20.67	Vertical
7	18000	36.19	43.10	-35.06	44.23	54.00	9.77	Vertical

11ax(HE40)_TX_CH_46_Horizontal



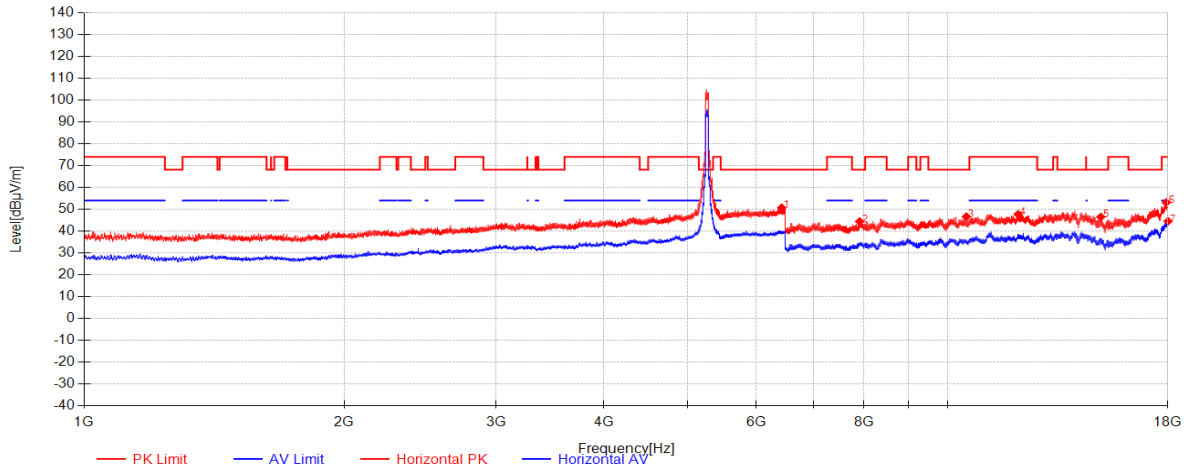
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6381.5385	34.80	34.92	-19.33	50.38	68.20	17.82	Horizontal
2	7938.4583	50.32	37.16	-42.98	44.50	68.20	23.70	Horizontal
3	10149.8125	46.67	38.45	-38.90	46.22	68.20	21.98	Horizontal
4	12950.5417	45.79	39.70	-37.65	47.84	68.20	20.36	Horizontal
5	15617.1042	44.30	39.08	-37.56	45.82	74.00	28.18	Horizontal
6	17891.7083	46.71	42.54	-35.22	54.03	74.00	19.97	Horizontal
7	17926.6875	36.60	42.73	-35.07	44.27	54.00	9.73	Horizontal

11ax(HE40)_TX_CH_46_Veritical



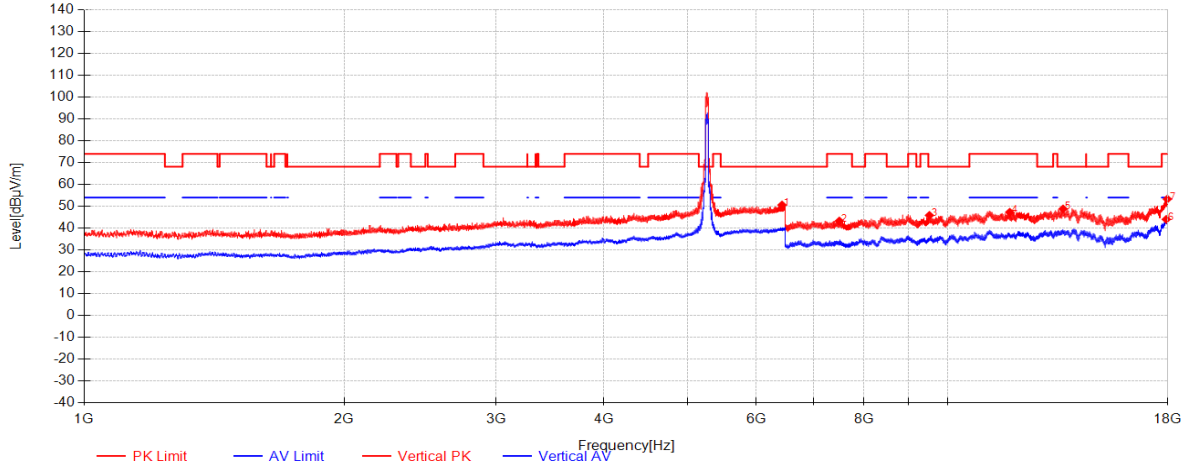
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6461.0769	34.93	35.20	-19.26	50.87	68.20	17.33	Vertical
2	7305.4792	50.82	36.39	-43.75	43.46	74.00	30.54	Vertical
3	9021.8542	49.10	38.11	-40.78	46.43	74.00	27.57	Vertical
4	11231.7708	46.32	38.86	-37.34	47.85	74.00	26.15	Vertical
5	13165.6875	45.16	39.73	-36.71	48.18	68.20	20.02	Vertical
6	17732.625	44.92	41.43	-35.54	50.81	74.00	23.19	Vertical
7	17922.8542	36.51	42.71	-35.07	44.16	54.00	9.84	Vertical

11ax(HE40)_TX_CH_54_Horizontal



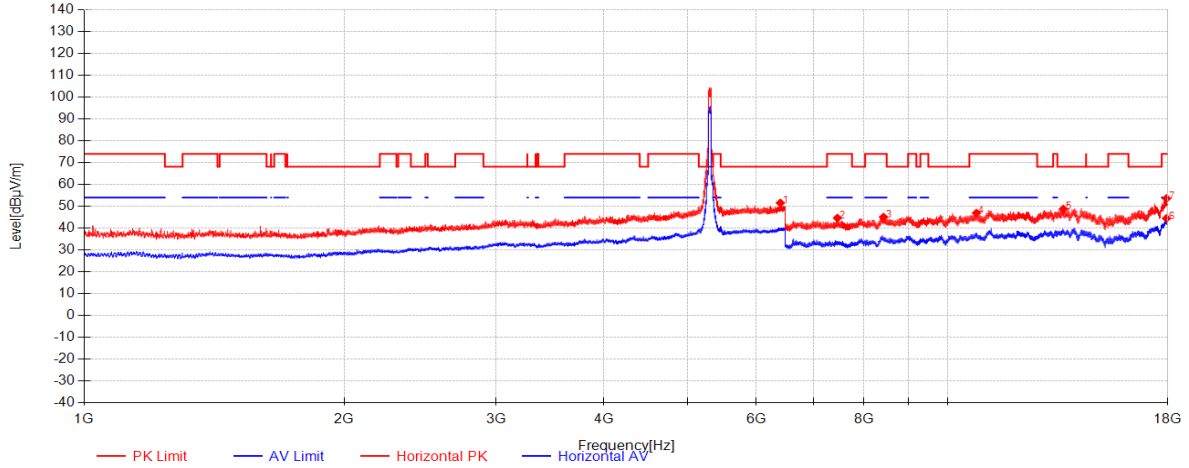
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6425.1154	34.93	35.15	-19.32	50.76	68.20	17.44	Horizontal
2	7909.7083	50.48	36.82	-42.86	44.44	68.20	23.76	Horizontal
3	10512.0625	47.59	38.38	-39.33	46.64	68.20	21.56	Horizontal
4	12067.9167	45.74	38.94	-36.96	47.72	74.00	26.28	Horizontal
5	15044.9792	45.00	39.37	-37.85	46.51	68.20	21.69	Horizontal
6	17919.9792	45.50	42.70	-35.07	53.13	74.00	20.87	Horizontal
7	17999.5208	36.50	43.10	-35.06	44.54	54.00	9.46	Horizontal

11ax(HE40)_TX_CH_54_Veritical



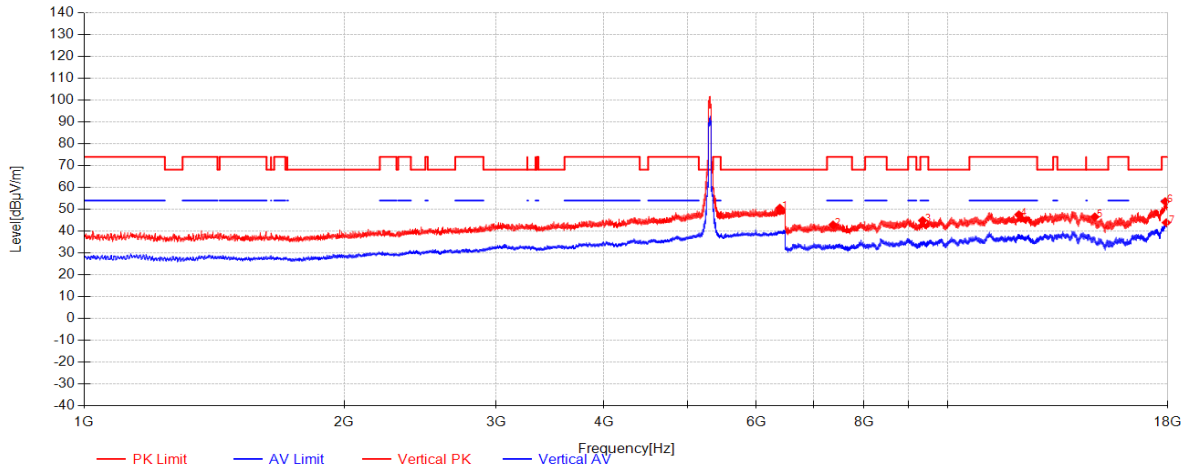
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6430.1923	34.78	35.16	-19.31	50.63	68.20	17.57	Vertical
2	7492.3542	50.35	36.45	-43.52	43.28	74.00	30.72	Vertical
3	9526.8958	48.51	38.35	-41.00	45.86	68.20	22.34	Vertical
4	11802.4583	46.39	38.80	-37.89	47.30	74.00	26.70	Vertical
5	13606.0417	45.08	39.91	-36.14	48.85	68.20	19.35	Vertical
6	17914.2292	36.43	42.67	-35.07	44.03	54.00	9.97	Vertical
7	17966.4583	45.47	42.93	-35.06	53.34	74.00	20.66	Vertical

11ax(HE40)_TX_CH_62_Horizontal



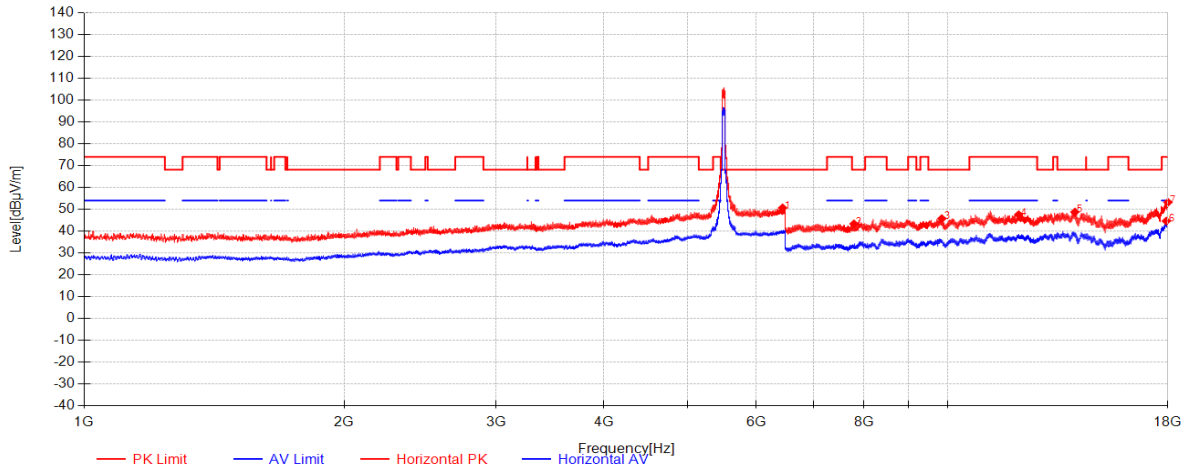
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6401.8462	35.80	35.10	-19.36	51.55	68.20	16.65	Horizontal
2	7454.0208	51.85	36.68	-43.87	44.65	74.00	29.35	Horizontal
3	8427.6875	49.42	37.38	-41.72	45.08	74.00	28.92	Horizontal
4	10799.0833	46.03	39.00	-38.09	46.93	74.00	27.07	Horizontal
5	13615.1458	45.08	39.92	-36.20	48.80	68.20	19.40	Horizontal
6	17923.8125	36.82	42.72	-35.07	44.47	54.00	9.53	Horizontal
7	17928.6042	45.93	42.74	-35.07	53.61	74.00	20.39	Horizontal

11ax(HE40)_TX_CH_62_Veritical



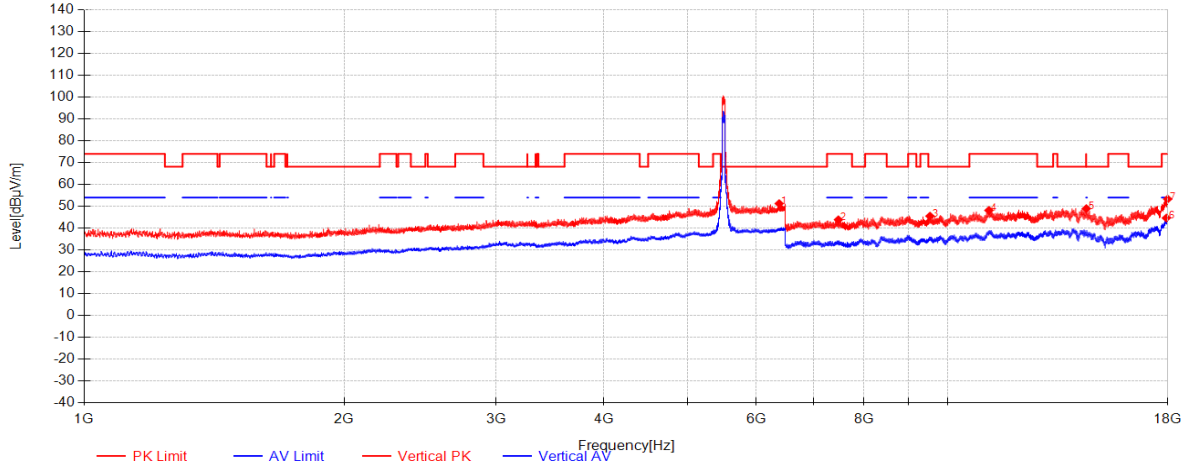
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6392.9615	34.88	35.03	-19.35	50.56	68.20	17.64	Vertical
2	7366.8125	50.69	36.33	-44.15	42.87	74.00	31.13	Vertical
3	9356.3125	47.73	38.29	-41.15	44.87	74.00	29.13	Vertical
4	12092.8333	45.24	38.99	-36.67	47.55	74.00	26.45	Vertical
5	14806.8333	43.71	39.68	-36.83	46.55	68.20	21.65	Vertical
6	17867.2708	46.85	42.37	-35.66	53.56	74.00	20.44	Vertical
7	17920.4583	36.28	42.70	-35.07	43.91	54.00	10.09	Vertical

11ax(HE40)_TX_CH_102_Horizontal



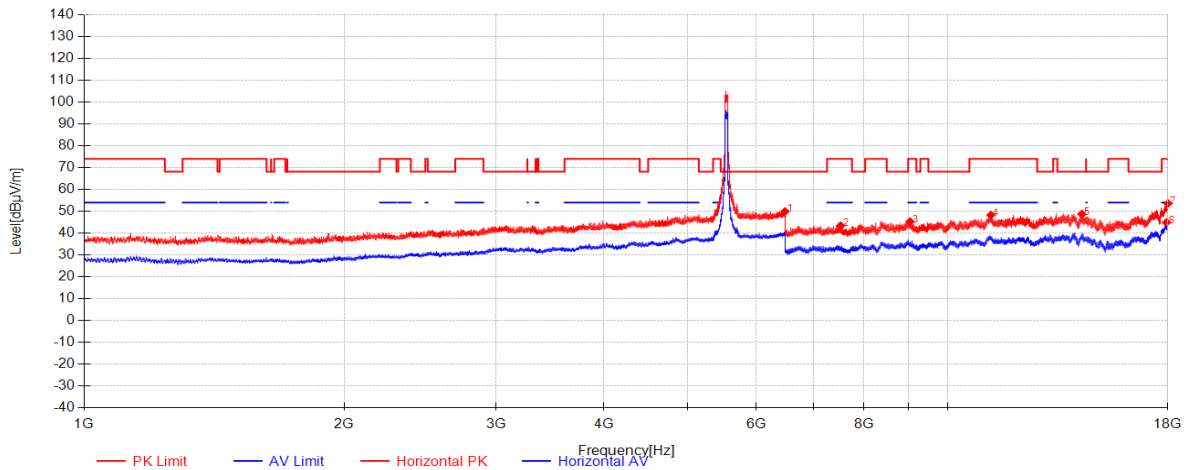
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6439.9231	34.79	35.18	-19.30	50.67	68.20	17.53	Horizontal
2	7789.9167	49.87	36.72	-43.23	43.36	68.20	24.84	Horizontal
3	9846.9792	47.02	38.20	-39.48	45.74	68.20	22.46	Horizontal
4	12085.6458	45.35	38.97	-36.75	47.57	74.00	26.43	Horizontal
5	14042.0833	44.91	39.97	-36.11	48.78	68.20	19.42	Horizontal
6	17918.5417	37.01	42.69	-35.07	44.63	54.00	9.37	Horizontal
7	17999.0417	45.19	43.10	-35.06	53.23	74.00	20.77	Horizontal

11ax(HE40)_TX_CH_102_Vertical



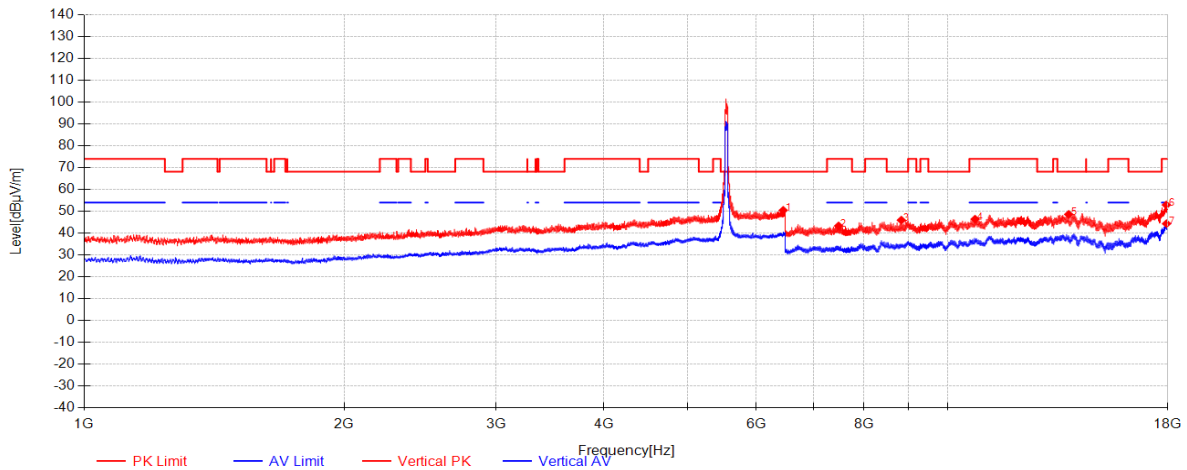
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6381.5385	35.69	34.92	-19.33	51.27	68.20	16.93	Vertical
2	7473.1875	51.01	36.56	-43.70	43.87	74.00	30.13	Vertical
3	9542.2292	48.10	38.38	-40.96	45.52	68.20	22.68	Vertical
4	11164.2083	46.48	38.94	-37.28	48.14	74.00	25.86	Vertical
5	14477.1667	45.39	39.95	-36.38	48.96	74.00	25.04	Vertical
6	17919.9792	37.04	42.70	-35.07	44.67	54.00	9.33	Vertical
7	17985.1458	45.38	43.03	-35.06	53.34	74.00	20.66	Vertical

11ax(HE40)_TX_CH_110_Horizontal



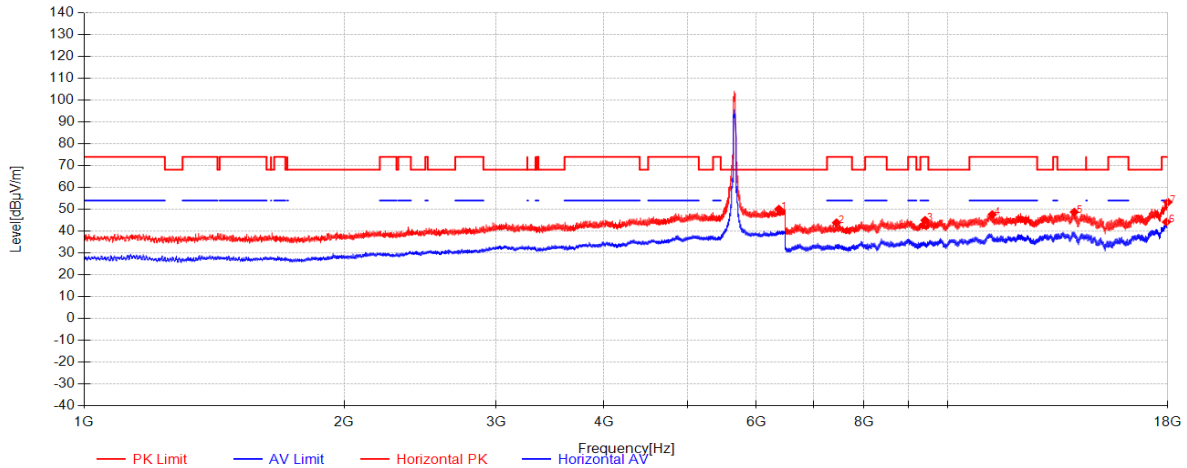
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6480.9615	33.97	35.20	-19.23	49.94	68.20	18.26	Horizontal
2	7518.2292	50.59	36.25	-43.45	43.40	74.00	30.60	Horizontal
3	9046.2917	48.25	38.01	-40.99	45.28	74.00	28.72	Horizontal
4	11223.1458	46.55	38.85	-37.12	48.28	74.00	25.72	Horizontal
5	14305.625	44.56	39.99	-35.81	48.74	68.20	19.46	Horizontal
6	17924.7708	37.26	42.72	-35.07	44.92	54.00	9.08	Horizontal
7	18000	45.55	43.10	-35.06	53.59	74.00	20.41	Horizontal

11ax(HE40)_TX_CH_110_Vertical



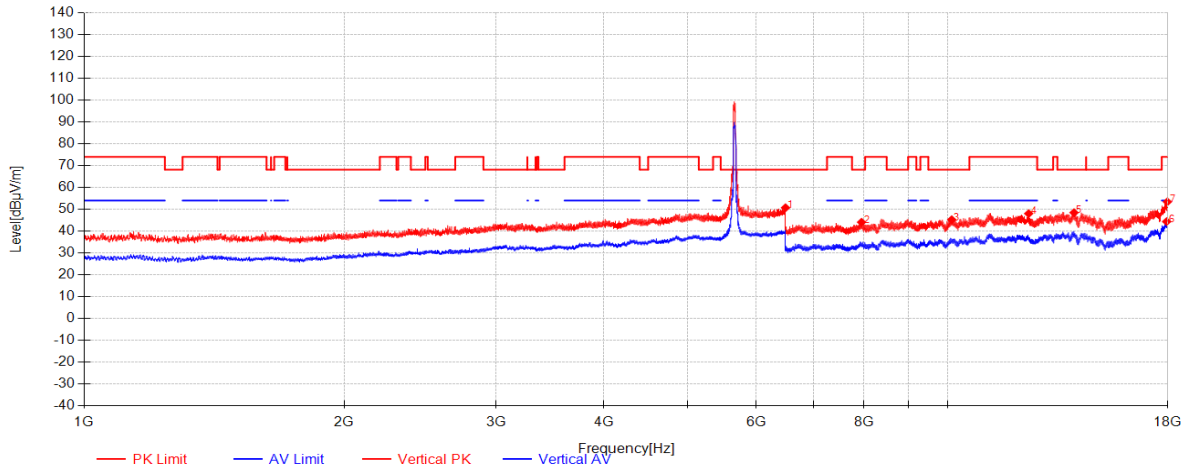
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6450.5	34.55	35.20	-19.28	50.47	68.20	17.73	Vertical
2	7477.5	50.44	36.53	-43.66	43.32	74.00	30.68	Vertical
3	8839.2917	49.61	37.82	-41.48	45.95	68.20	22.25	Vertical
4	10760.2708	46.14	38.84	-38.58	46.40	74.00	27.60	Vertical
5	13811.125	45.52	39.88	-36.80	48.60	68.20	19.60	Vertical
6	17919.9792	45.29	42.70	-35.07	52.92	74.00	21.08	Vertical
7	17929.0833	36.66	42.75	-35.07	44.34	54.00	9.66	Vertical

11ax(HE40)_TX_CH_134_Horizontal



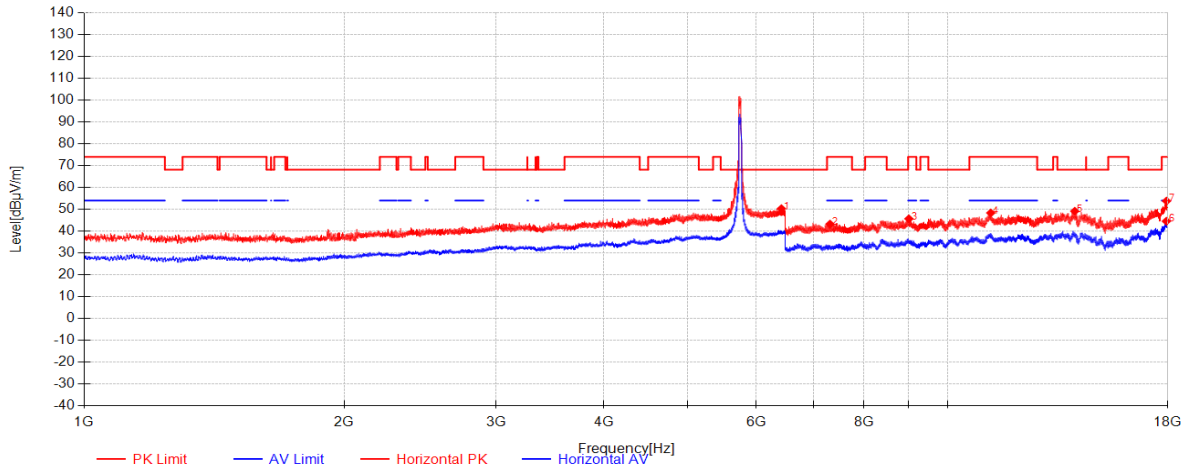
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6376.4615	34.58	34.86	-19.33	50.12	68.20	18.08	Horizontal
2	7434.8542	51.30	36.61	-44.05	43.86	74.00	30.14	Horizontal
3	9416.6875	47.76	38.20	-40.96	45.00	74.00	29.00	Horizontal
4	11264.3542	46.87	38.93	-38.16	47.63	74.00	26.37	Horizontal
5	14020.0417	44.74	40.04	-36.01	48.77	68.20	19.43	Horizontal
6	17925.7292	36.53	42.73	-35.07	44.19	54.00	9.81	Horizontal
7	17994.25	45.29	43.07	-35.06	53.30	74.00	20.70	Horizontal

11ax(HE40)_TX_CH_134_Vertical



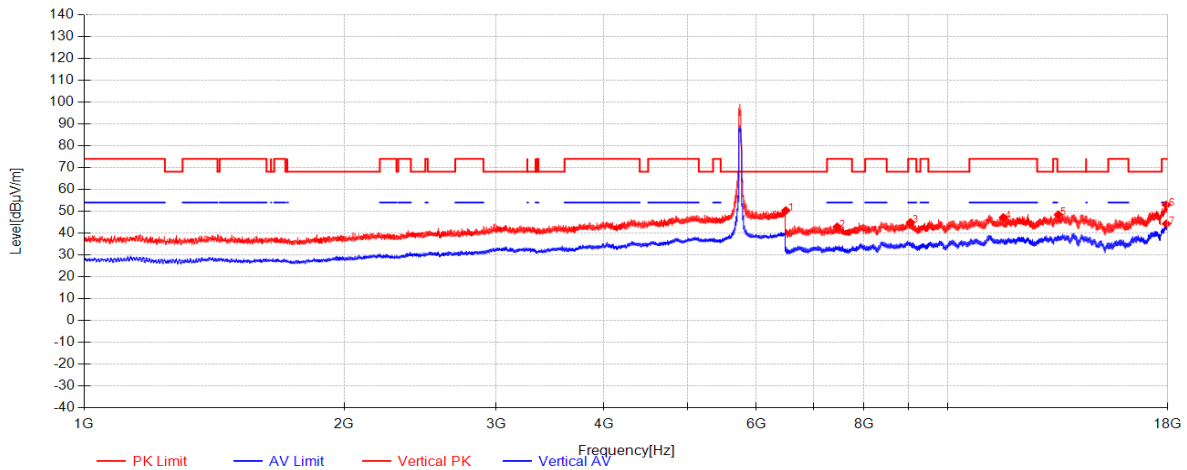
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6490.6923	34.76	35.20	-19.21	50.75	68.20	17.45	Vertical
2	7949	49.84	37.29	-43.02	44.11	68.20	24.09	Vertical
3	10110.5208	45.51	38.57	-38.83	45.25	68.20	22.95	Vertical
4	12413.3958	47.16	39.07	-38.19	48.05	74.00	25.95	Vertical
5	14009.9792	44.38	40.07	-35.96	48.49	68.20	19.71	Vertical
6	17933.3958	36.69	42.77	-35.07	44.39	54.00	9.61	Vertical
7	17968.8542	45.56	42.94	-35.06	53.44	74.00	20.56	Vertical

11ax(HE40)_TX_CH_151_Horizontal



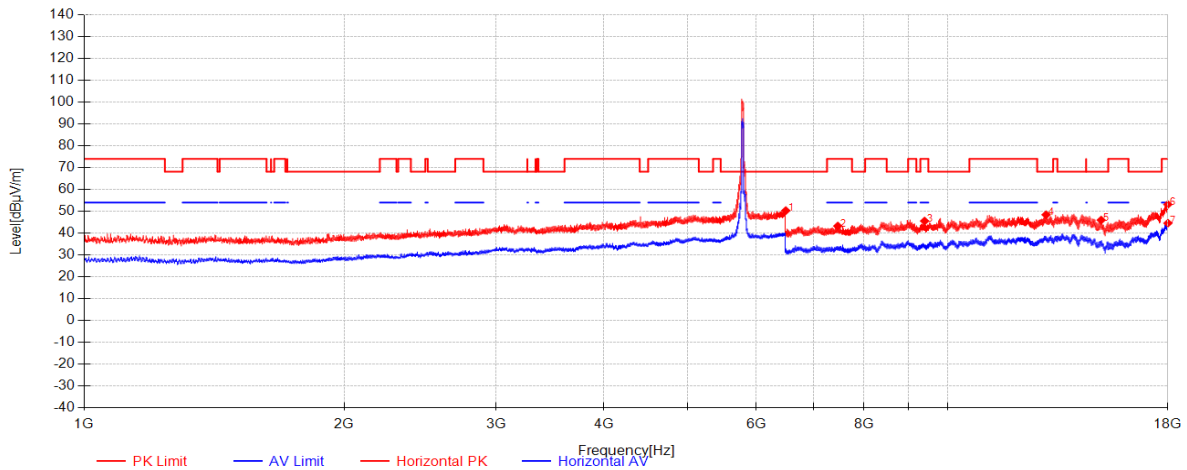
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6419.1923	34.50	35.14	-19.33	50.31	68.20	17.89	Horizontal
2	7307.875	50.62	36.38	-43.76	43.24	74.00	30.76	Horizontal
3	9019.9375	48.31	38.12	-40.76	45.67	74.00	28.33	Horizontal
4	11220.2708	46.54	38.84	-37.04	48.34	74.00	25.66	Horizontal
5	14037.2917	45.25	39.99	-36.08	49.15	68.20	19.05	Horizontal
6	17922.375	36.92	42.71	-35.07	44.56	54.00	9.44	Horizontal
7	17928.6042	46.12	42.74	-35.07	53.80	74.00	20.20	Horizontal

11ax(HE40)_TX_CH_151_Vertical



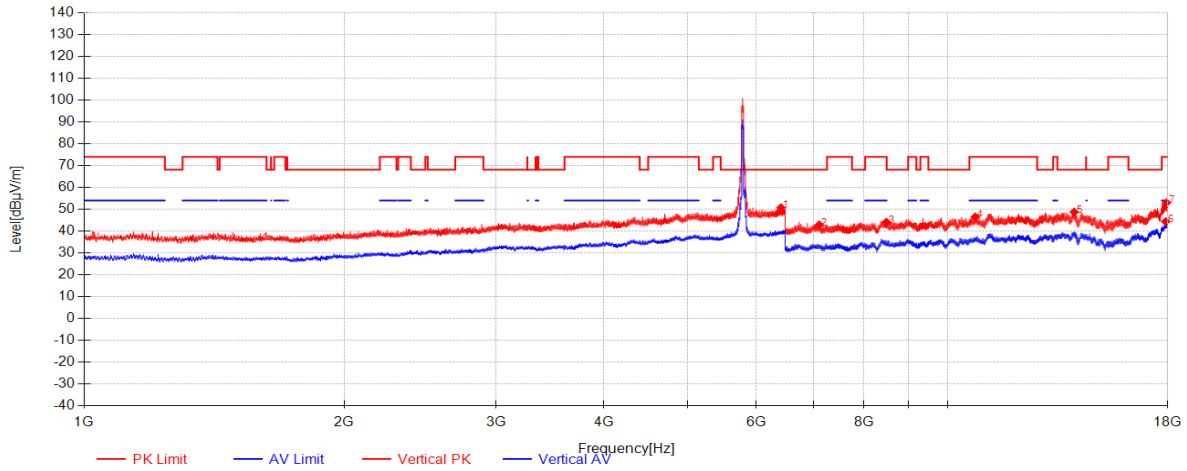
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6495.7692	34.42	35.20	-19.21	50.41	68.20	17.79	Vertical
2	7449.7083	50.14	36.70	-43.91	42.93	74.00	31.07	Vertical
3	9056.3542	48.00	38.01	-41.07	44.94	74.00	29.06	Vertical
4	11600.25	44.80	38.90	-36.53	47.17	74.00	26.83	Vertical
5	13435.4583	46.25	39.97	-37.73	48.49	68.20	19.71	Vertical
6	17919.9792	45.32	42.70	-35.07	52.95	74.00	21.05	Vertical
7	17923.3333	36.64	42.72	-35.07	44.29	54.00	9.71	Vertical

11ax(HE40)_TX_CH_159_Horizontal



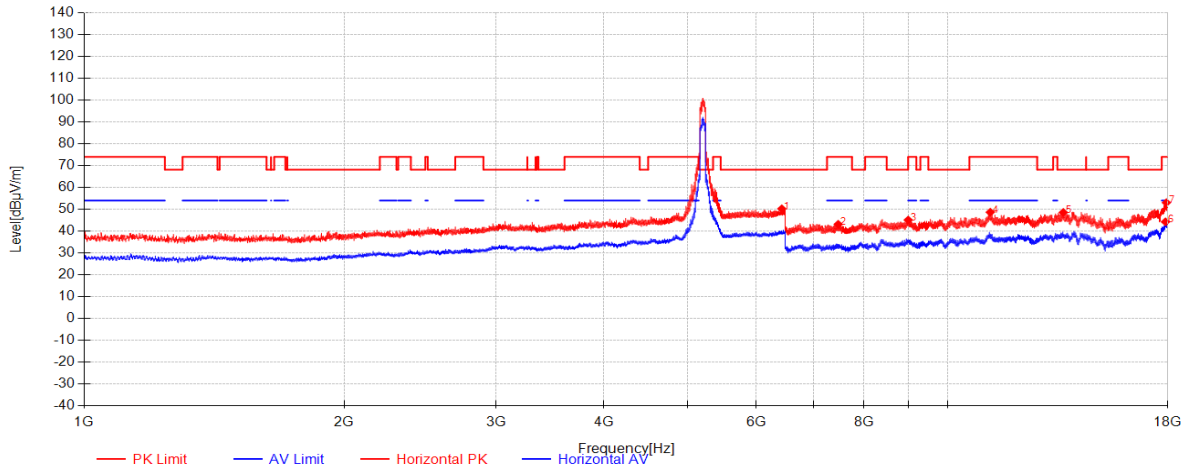
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6494.5	34.34	35.20	-19.21	50.33	68.20	17.87	Horizontal
2	7461.2083	50.42	36.63	-43.81	43.25	74.00	30.75	Horizontal
3	9404.7083	48.31	38.20	-40.95	45.56	74.00	28.44	Horizontal
4	13002.2917	45.77	39.80	-37.13	48.44	68.20	19.76	Horizontal
5	15061.2708	44.60	39.32	-37.93	45.99	68.20	22.21	Horizontal
6	17992.8125	45.14	43.06	-35.06	53.14	74.00	20.86	Horizontal
7	17997.125	36.54	43.09	-35.06	44.57	54.00	9.43	Horizontal

11ax(HE40)_TX_CH_159_Vertical



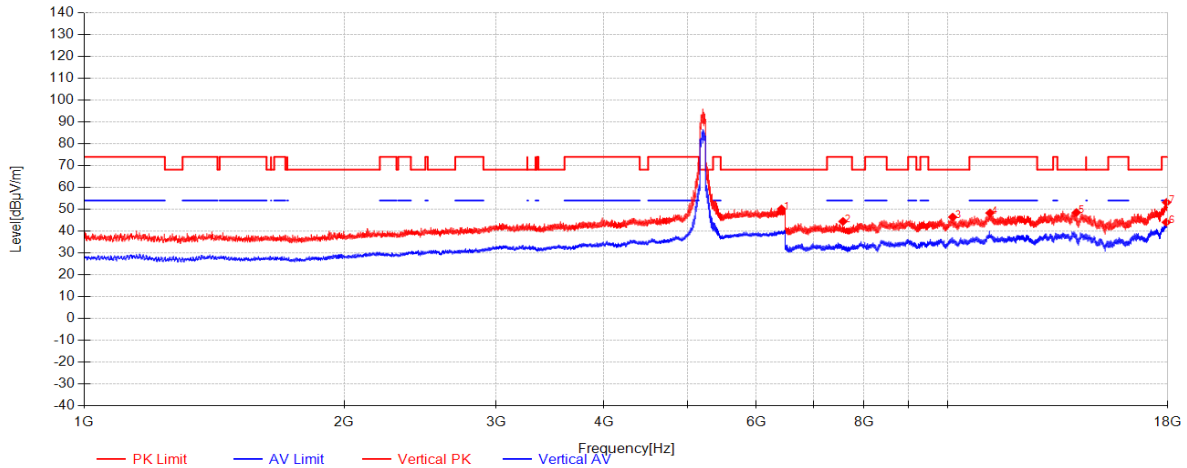
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6413.2692	34.98	35.13	-19.34	50.77	68.20	17.43	Vertical
2	7101.8333	50.53	36.21	-43.83	42.92	68.20	25.28	Vertical
3	8497.6458	48.99	37.70	-42.55	44.13	74.00	29.87	Vertical
4	10765.0625	46.19	38.86	-38.52	46.53	74.00	27.47	Vertical
5	14015.7292	44.71	40.05	-35.99	48.77	68.20	19.43	Vertical
6	17885.4792	37.22	42.50	-35.33	44.39	54.00	9.61	Vertical
7	17926.6875	45.38	42.73	-35.07	53.05	74.00	20.95	Vertical

11ax(HE80)_TX_CH_42_Horizontal



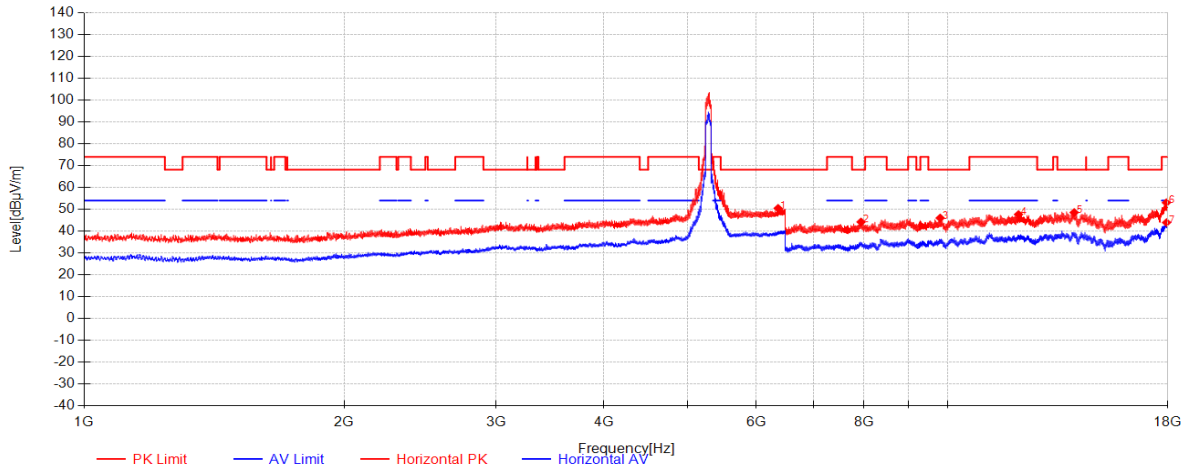
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6426.3846	34.42	35.15	-19.32	50.25	68.20	17.95	Horizontal
2	7469.3542	50.28	36.58	-43.73	43.13	74.00	30.87	Horizontal
3	9002.6875	47.53	38.19	-40.61	45.11	74.00	28.89	Horizontal
4	11204.9375	46.52	38.81	-36.66	48.67	74.00	25.33	Horizontal
5	13614.1875	44.85	39.91	-36.19	48.57	68.20	19.63	Horizontal
6	17877.3333	37.30	42.44	-35.48	44.26	54.00	9.74	Horizontal
7	17922.8542	45.41	42.71	-35.07	53.06	74.00	20.94	Horizontal

11ax(HE80)_TX_CH_42_Veritical



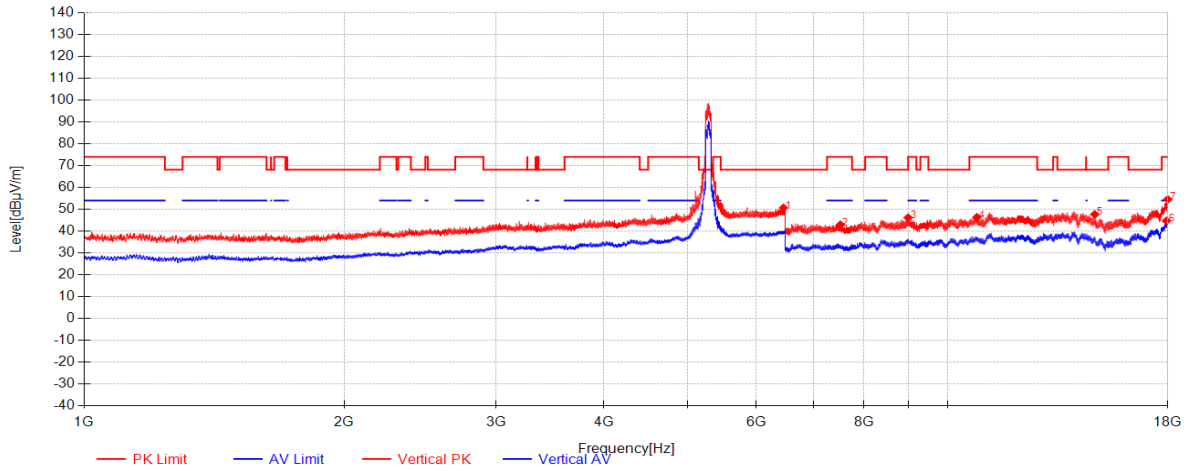
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6421.3077	34.35	35.14	-19.33	50.17	68.20	18.03	Vertical
2	7565.1875	51.89	36.00	-43.44	44.45	74.00	29.55	Vertical
3	10137.8333	46.84	38.49	-38.88	46.44	68.20	21.76	Vertical
4	11195.8333	46.12	38.82	-36.62	48.32	74.00	25.68	Vertical
5	14097.6667	45.08	39.81	-36.35	48.54	68.20	19.66	Vertical
6	17919.0208	36.42	42.70	-35.07	44.05	54.00	9.95	Vertical
7	17931.4792	45.47	42.76	-35.07	53.16	74.00	20.84	Vertical

11ax(HE80)_TX_CH_58_Horizontal



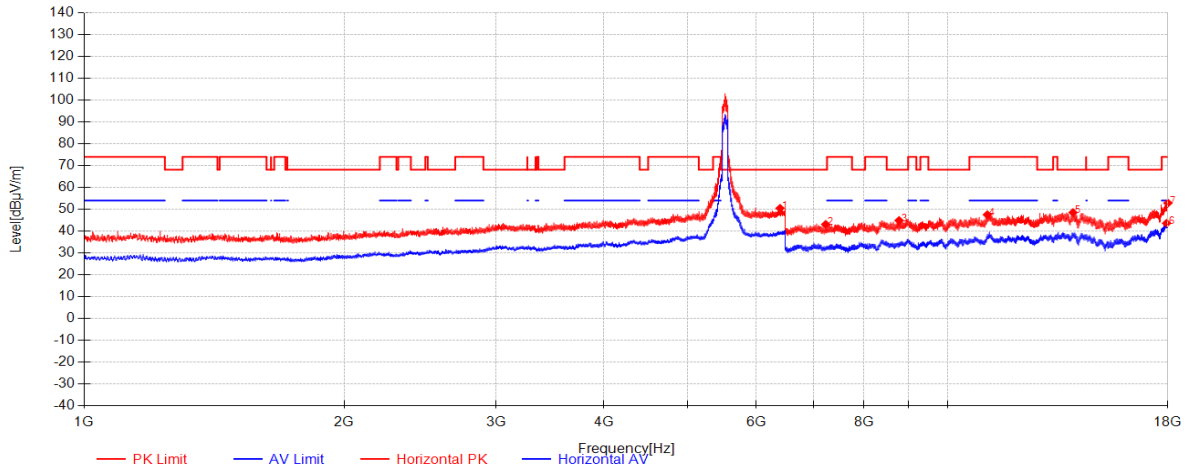
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6362.9231	35.06	34.73	-19.31	50.48	68.20	17.72	Horizontal
2	7938.9375	50.02	37.17	-42.98	44.21	68.20	23.99	Horizontal
3	9803.8542	46.87	38.20	-39.05	46.02	68.20	22.18	Horizontal
4	12081.3333	45.49	38.96	-36.80	47.65	74.00	26.35	Horizontal
5	14014.2917	44.48	40.06	-35.98	48.55	68.20	19.65	Horizontal
6	17921.8958	45.40	42.71	-35.07	53.04	74.00	20.96	Horizontal
7	17931.9583	36.26	42.76	-35.07	43.95	54.00	10.05	Horizontal

11ax(HE80)_TX_CH_58_Veritical



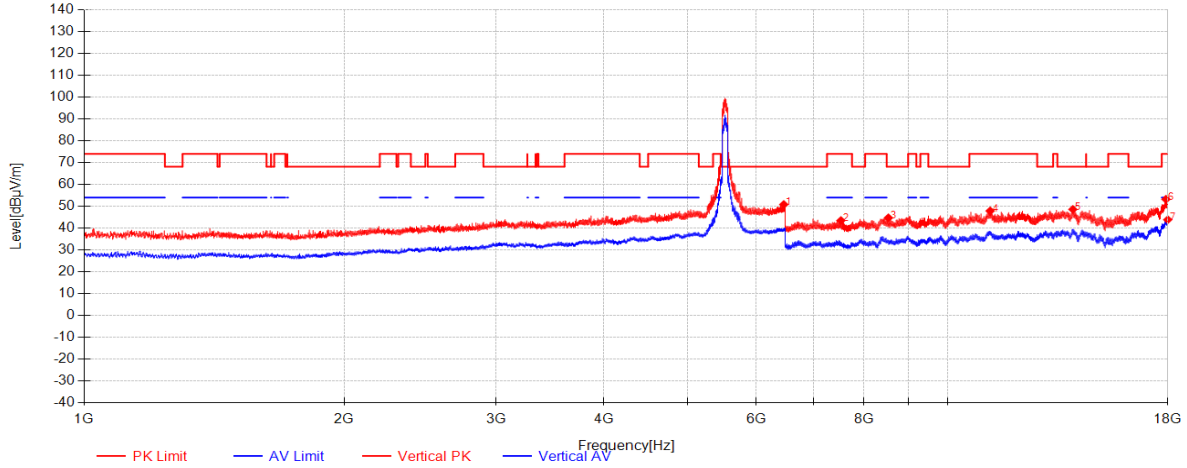
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6454.7308	34.74	35.20	-19.27	50.67	68.20	17.53	Vertical
2	7512.4792	50.11	36.30	-43.45	42.96	74.00	31.04	Vertical
3	9000.7708	48.59	38.20	-40.60	46.19	74.00	27.81	Vertical
4	10812.5	45.39	39.01	-38.06	46.34	74.00	27.66	Vertical
5	14805.3958	44.82	39.68	-36.81	47.69	68.20	20.51	Vertical
6	17921.8958	37.09	42.71	-35.07	44.73	54.00	9.27	Vertical
7	17988.9792	46.59	43.04	-35.06	54.57	74.00	19.43	Vertical

11ax(HE80)_TX_CH_106_Horizontal



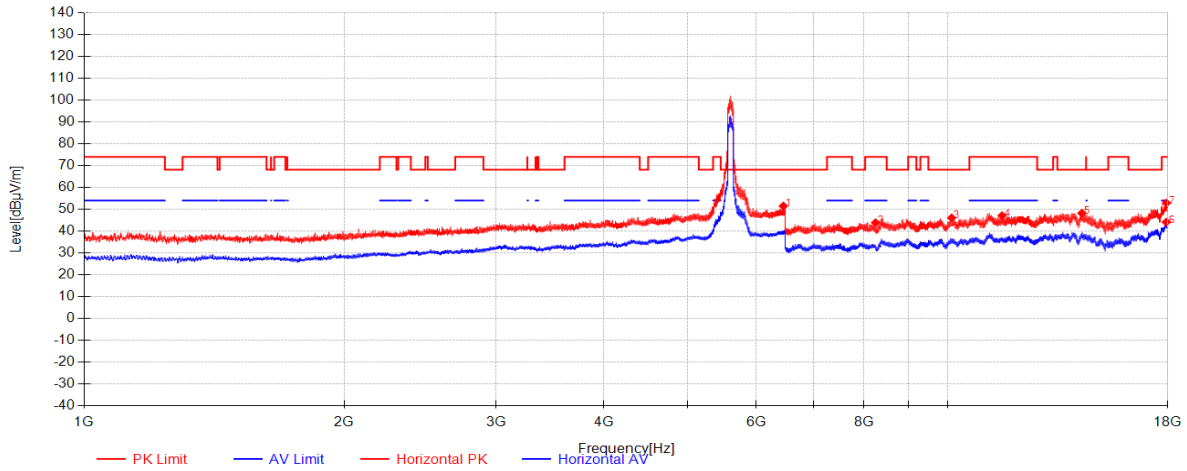
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6396.3462	34.78	35.06	-19.35	50.49	68.20	17.71	Horizontal
2	7224.5	50.79	36.80	-44.48	43.11	68.20	25.09	Horizontal
3	8785.625	48.52	37.96	-41.57	44.91	68.20	23.29	Horizontal
4	11118.2083	46.68	39.13	-38.25	47.56	74.00	26.44	Horizontal
5	13971.6458	44.77	39.99	-36.22	48.54	68.20	19.66	Horizontal
6	17931	35.93	42.75	-35.07	43.62	54.00	10.38	Horizontal
7	17998.0833	44.85	43.09	-35.06	52.88	74.00	21.12	Horizontal

11ax(HE80)_TX_CH_106_Vertical



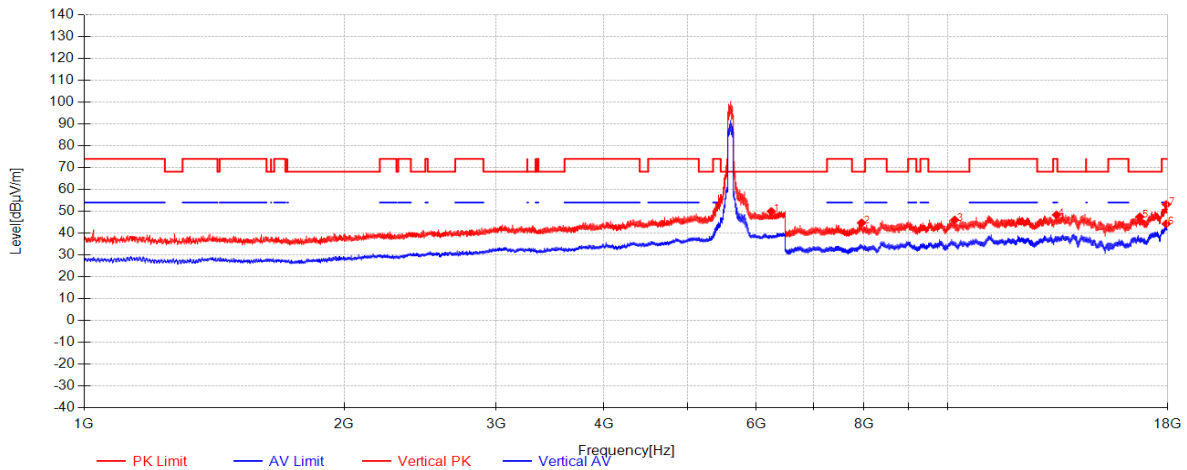
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6460.6538	34.90	35.20	-19.26	50.84	68.20	17.36	Vertical
2	7523.5	50.72	36.21	-43.45	43.49	74.00	30.51	Vertical
3	8539.3333	49.19	37.70	-42.16	44.73	68.20	23.47	Vertical
4	11201.5833	45.67	38.80	-36.57	47.90	74.00	26.10	Vertical
5	13966.8542	44.91	39.97	-36.27	48.61	68.20	19.59	Vertical
6	17902.7292	45.71	42.61	-35.07	53.25	74.00	20.75	Vertical
7	17988.0208	35.89	43.04	-35.06	43.87	54.00	10.13	Vertical

11ax(HE80)_TX_CH_122_Horizontal



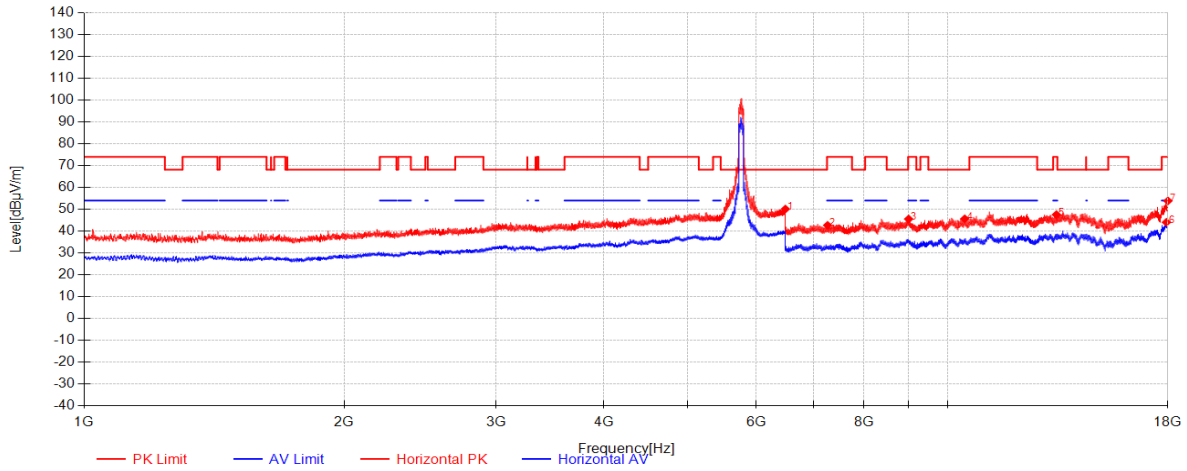
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6453.4615	35.58	35.20	-19.27	51.51	68.20	16.69	Horizontal
2	8252.3125	49.85	37.29	-43.22	43.92	74.00	30.08	Horizontal
3	10107.6458	46.34	38.58	-38.82	46.09	68.20	22.11	Horizontal
4	11562.875	44.91	38.90	-36.72	47.09	74.00	26.91	Horizontal
5	14305.625	44.05	39.99	-35.81	48.23	68.20	19.97	Horizontal
6	17919.9792	36.52	42.70	-35.07	44.15	54.00	9.85	Horizontal
7	17922.375	45.27	42.71	-35.07	52.91	74.00	21.09	Horizontal

11ax(HE80)_TX_CH_122_Vertical



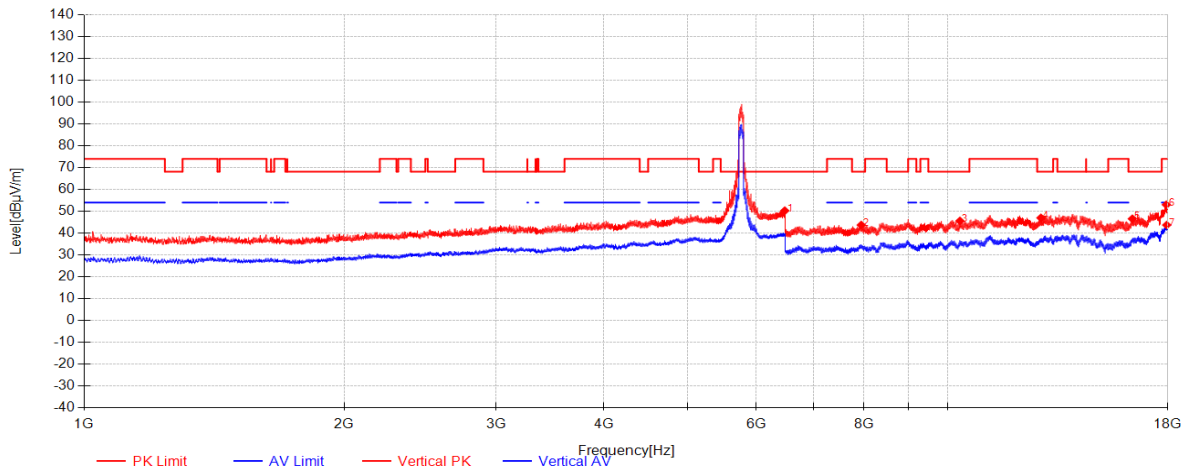
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6248.6923	35.01	34.21	-19.23	49.98	68.20	18.22	Vertical
2	7949.4792	50.43	37.29	-43.02	44.70	68.20	23.50	Vertical
3	10190.5417	46.67	38.33	-38.98	46.02	68.20	22.18	Vertical
4	13371.7292	46.40	39.87	-37.92	48.36	74.00	25.64	Vertical
5	16699.5417	44.70	39.10	-36.33	47.47	68.20	20.73	Vertical
6	17913.75	36.65	42.67	-35.07	44.25	54.00	9.75	Vertical
7	17925.7292	45.49	42.73	-35.07	53.15	74.00	20.85	Vertical

11ax(HE80)_TX_CH_155_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6488.1538	34.15	35.20	-19.22	50.13	68.20	18.07	Horizontal
2	7261.3958	50.16	36.63	-44.10	42.69	74.00	31.31	Horizontal
3	9014.1875	48.14	38.14	-40.71	45.57	74.00	28.43	Horizontal
4	10466.0625	46.34	38.44	-39.11	45.66	68.20	22.54	Horizontal
5	13366.4583	45.66	39.87	-37.95	47.57	74.00	26.43	Horizontal
6	17923.8125	36.40	42.72	-35.07	44.05	54.00	9.95	Horizontal
7	17995.2083	45.84	43.08	-35.06	53.86	74.00	20.14	Horizontal

11ax(HE80)_TX_CH_155_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6477.5769	34.32	35.20	-19.24	50.28	68.20	17.92	Vertical
2	7943.25	49.49	37.22	-43.00	43.71	68.20	24.49	Vertical
3	10334.7708	46.69	38.50	-39.59	45.60	68.20	22.60	Vertical
4	12826.4375	45.39	39.45	-37.84	47.00	68.20	21.20	Vertical
5	16368.9167	45.32	38.54	-37.27	46.58	68.20	21.62	Vertical
6	17919.5	45.38	42.70	-35.07	53.01	74.00	20.99	Vertical
7	17937.7083	35.99	42.79	-35.07	43.71	54.00	10.29	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

Measurement Distance: 3m

Limit:

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

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

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 20 °C

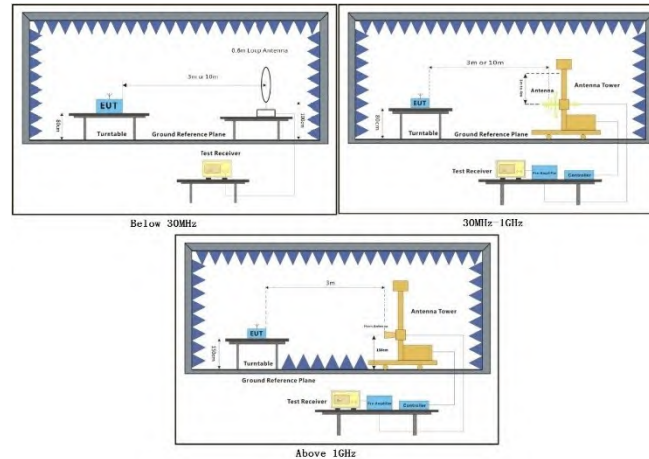
Humidity: 42 % RH

Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	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 @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 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

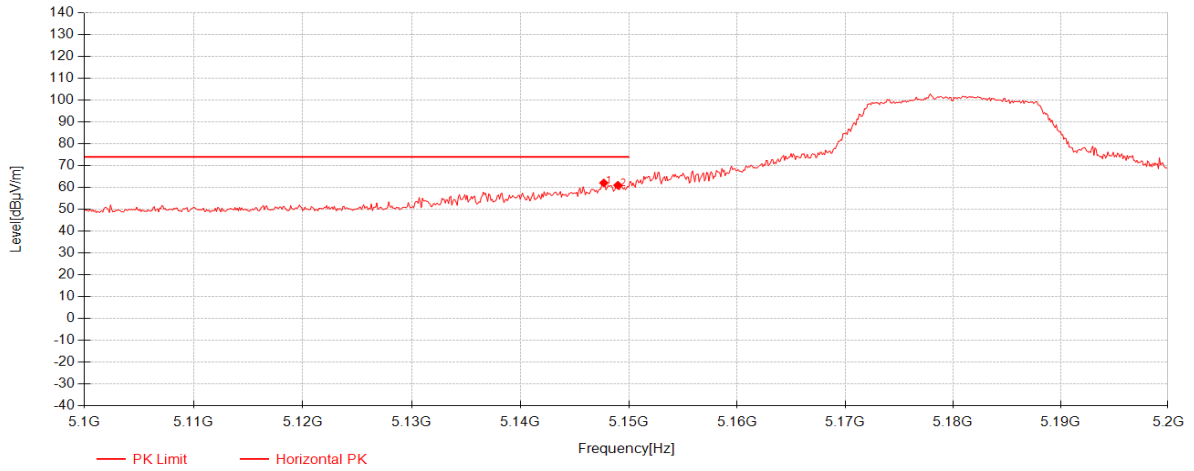
- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- 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.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- 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.
- 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.

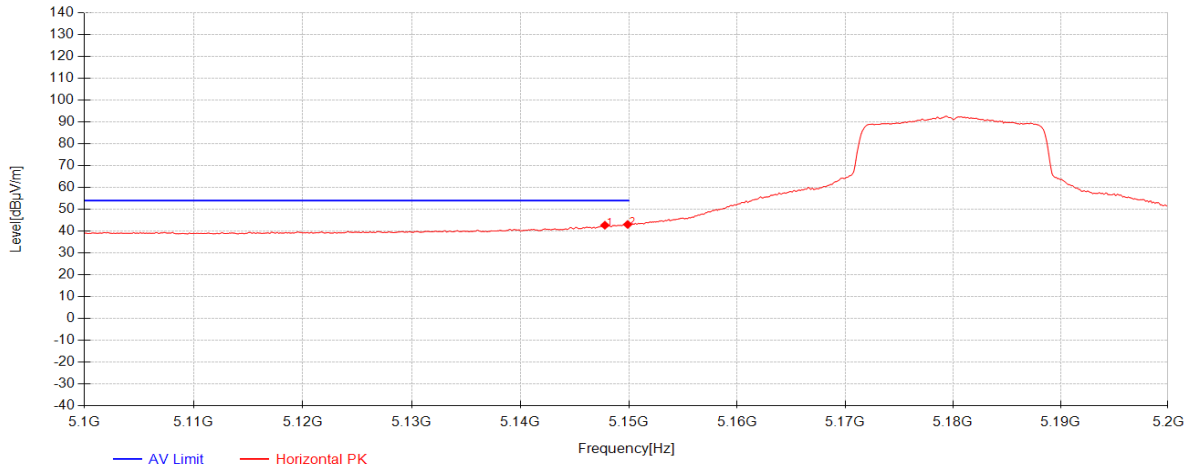
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



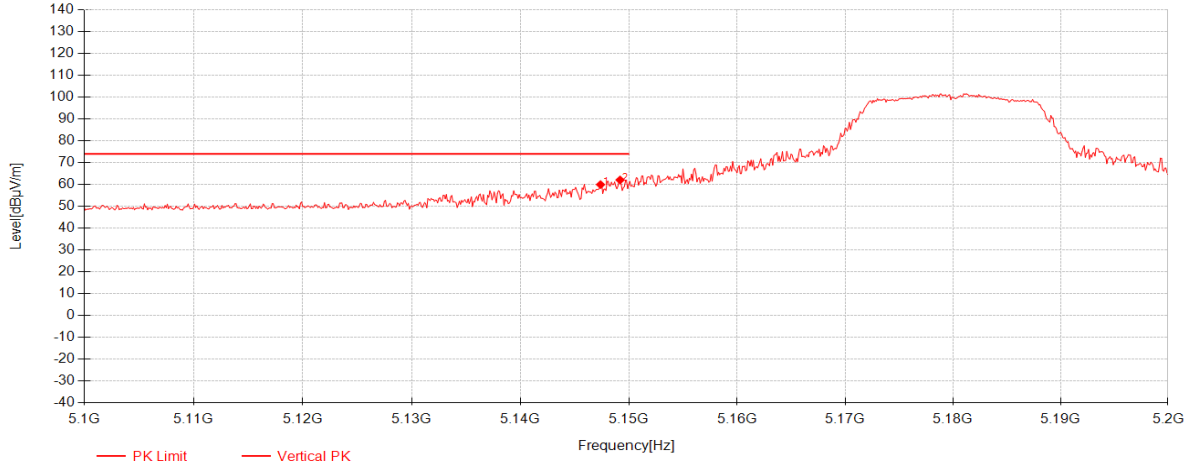
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.7	49.00	33.22	-20.12	62.10	74.00	11.90	Horizontal
2	5149	47.94	33.21	-20.11	61.03	74.00	12.97	Horizontal

11a_TX_CH_36_Horizontal_Average



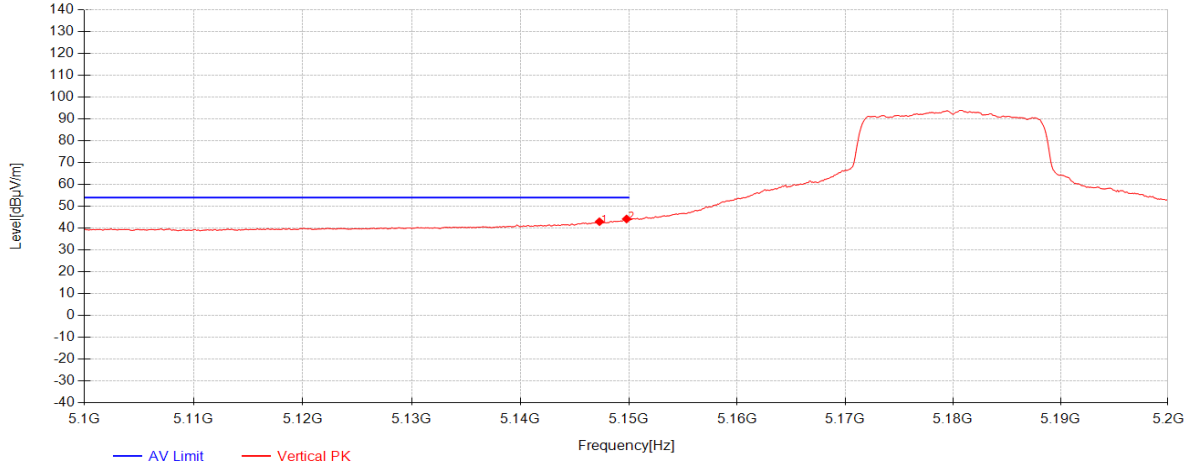
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.8	29.62	33.22	-20.12	42.72	54.00	11.28	Horizontal
2	5149.9	29.97	33.20	-20.11	43.06	54.00	10.94	Horizontal

11a_TX_CH_36_Vertical_Peak



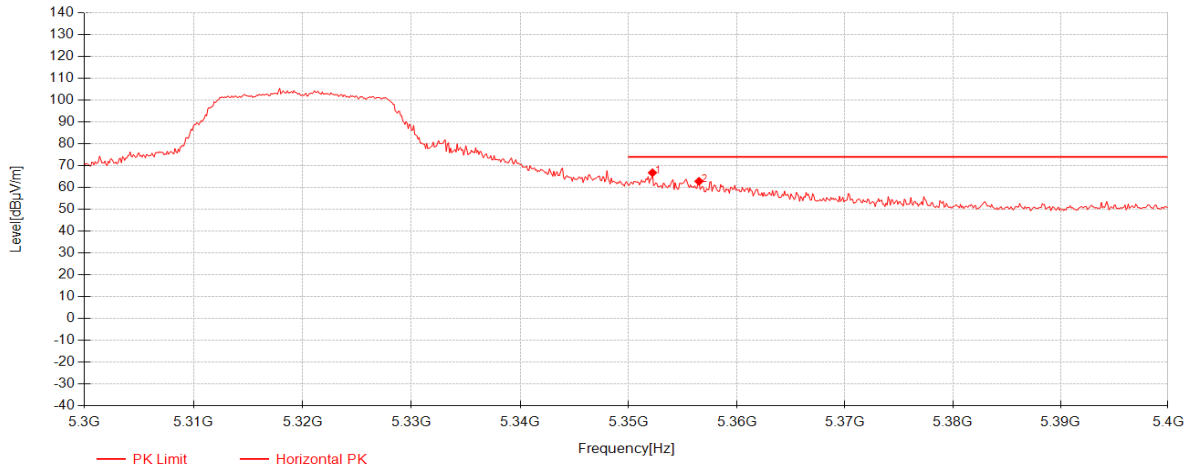
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.4	46.86	33.22	-20.12	59.96	74.00	14.04	Vertical
2	5149.2	49.01	33.21	-20.11	62.10	74.00	11.90	Vertical

11a_TX_CH_36_Veritical_Average



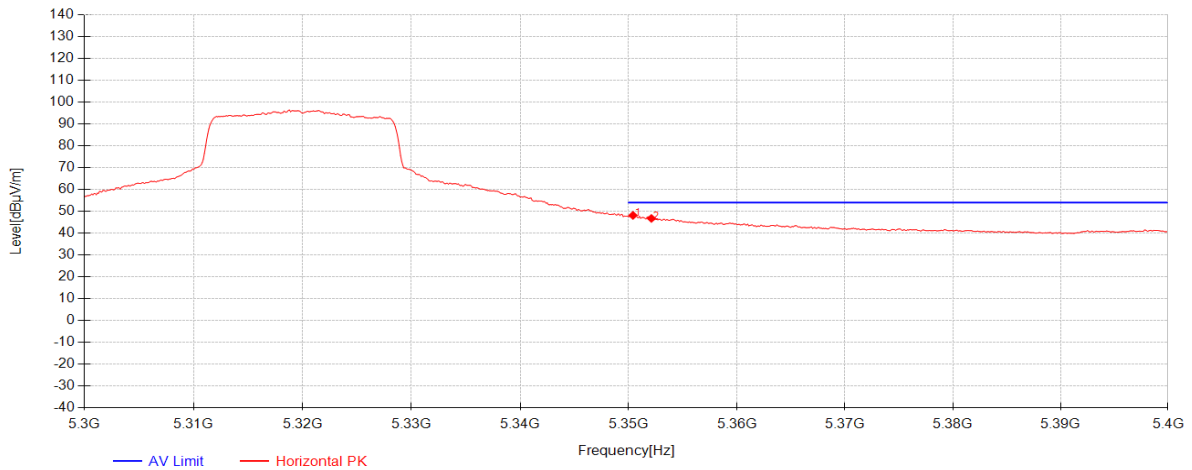
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.3	29.86	33.22	-20.12	42.96	54.00	11.04	Vertical
2	5149.8	31.10	33.20	-20.11	44.19	54.00	9.81	Vertical

11a_TX_CH_64_Horizontal_Peak



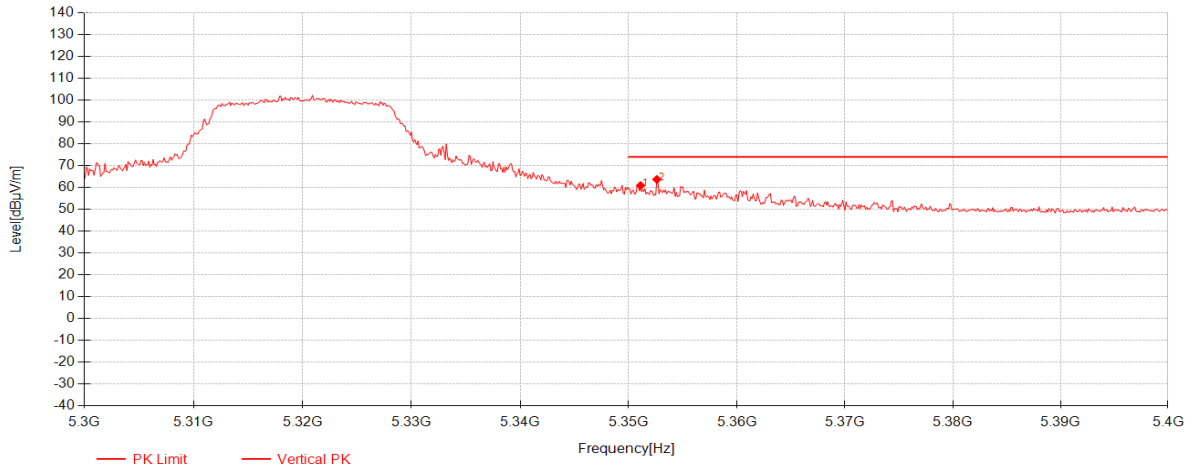
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5352.2	53.32	33.29	-19.82	66.79	74.00	7.21	Horizontal
2	5356.5	49.42	33.26	-19.81	62.87	74.00	11.13	Horizontal

11a_TX_CH_64_Horizontal_Average



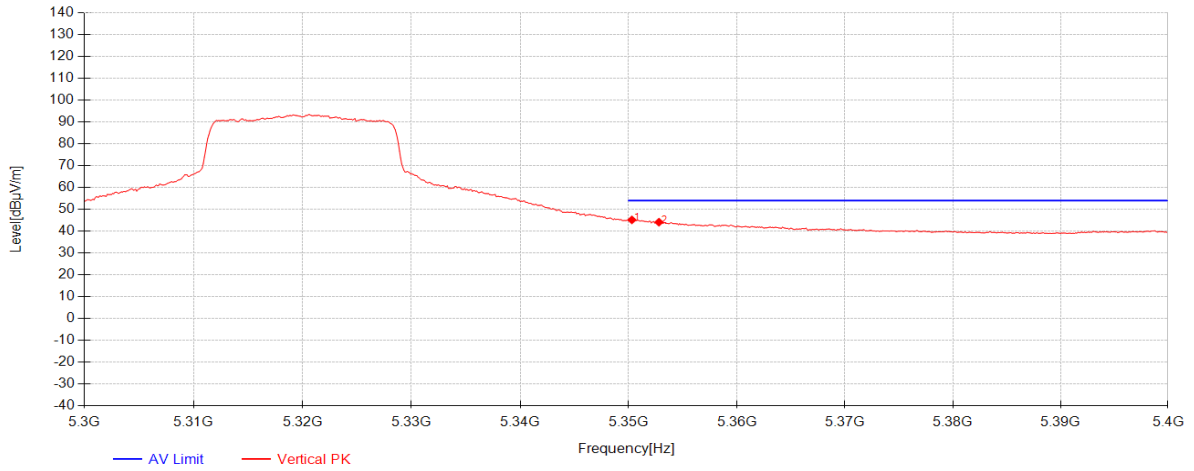
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.4	34.66	33.30	-19.82	48.14	54.00	5.86	Horizontal
2	5352.1	33.27	33.29	-19.82	46.74	54.00	7.26	Horizontal

11a_TX_CH_64_Vertical_Peak



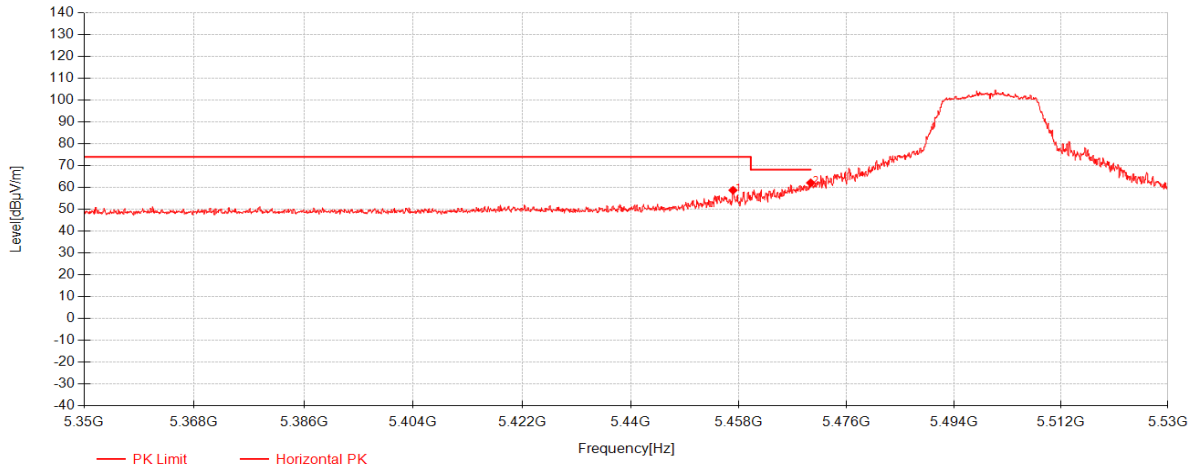
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.1	47.43	33.29	-19.82	60.91	74.00	13.09	Vertical
2	5352.6	50.27	33.28	-19.81	63.74	74.00	10.26	Vertical

11a_TX_CH_64_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.3	31.67	33.30	-19.82	45.15	54.00	8.85	Vertical
2	5352.8	30.65	33.28	-19.81	44.12	54.00	9.88	Vertical

11a_TX_CH_100_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5457.04	45.65	32.81	-19.72	58.74	74.00	15.26	Horizontal
2	5470	49.01	32.84	-19.72	62.13	68.20	6.07	Horizontal