

TEST REPORT

Application No.: SUCR2510001026WM
Applicant: CROSSCALL
Address of Applicant: 245, Rue Paul Langevin 13290, Aix-en-Provence, France
Manufacturer: CROSSCALL
Address of Manufacturer: 245, Rue Paul Langevin 13290, Aix-en-Provence, France
Equipment Under Test (EUT):
EUT Name: Mobile phone
Model No.: 54237-1
Trade Mark: CROSSCALL
FCC ID: 2BSUT-54237
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-10-22
Date of Test: 2025-11-22 to 2025-12-16
Date of Issue: 2025-12-23

Test Result:
Pass*

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

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Revision Record			
Version	Description	Date	Remark
00	Original	2025-12-23	/

Authorized for issue by:				
Tested By		Nature Shen		
		Nature Shen/Project Engineer		
Approved By		Cedar cheng		
		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	Customer Declaration
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) 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) 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) Section 6.6	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) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2020) 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) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	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

Remark: The product is available in two memory configurations: Sample 1 (Samsung KM5P9001DM-B424_P03\TP\JK\ROH); Sample 2 (Kingston 64UM32-M4GTY7B_GA04)

The two samples differ only in memory, which has no impact on RF performance. Therefore, we only performed testing with Sample 1.

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4 General Information

4.1 Details of E.U.T.

Power supply:	5V
Hardware Version:	V1.0
Software Version:	N2161V.6.01.01.US01
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:	Without TPC function
Antenna Type:	Integral Antenna
Antenna Gain:	5150MHz to 5250MHz: 1.0dBi(Ant6); 2.0dBi(Ant7); 5250MHz to 5350MHz: 2.0dBi(Ant6); 2.0dBi(Ant7); 5470MHz to 5725MHz: 2.0dBi(Ant6); 1.5dBi(Ant7); 5725MHz to 5850MHz: 1.5dBi(Ant6); 1.5dBi(Ant7) (Provided by the manufacturer)

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	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.
Computer	Lenovo	T14	2YK6GR
Mouse	Lenovo	3D optical Mouse	N/A

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	$\pm 2.6\text{dB}$ (30MHz-1GHz)
		$\pm 2.7\text{dB}$ (1GHz-18GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Supply voltages	$\pm 1\%$
12	Time	$\pm 3\%$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

4.5 Test Location

All tests were performed at:

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

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

No tests were sub-contracted.

Note:

- 1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
- 2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.6 Test Facility

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

• **A2LA (Certificate No. 6336.01)**

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

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

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory.

Test Firm Registration Number: 717327

• **ISED (CAB Identifier: CN0120)**

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

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

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



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

Remark: NCR=No Calibration Requirement.

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

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 Integral Antenna no consideration of replacement. The best case gain of the

5150MHz to 5250MHz: 1.0dBi(Ant6); 2.0dBi(Ant7);

5250MHz to 5350MHz: 2.0dBi(Ant6); 2.0dBi(Ant7);

5470MHz to 5725MHz: 2.0dBi(Ant6); 1.5dBi(Ant7);

5725MHz to 5850MHz: 1.5dBi(Ant6); 1.5dBi(Ant7)

Antenna location: Refer to internal photo.

Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

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

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

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

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

The EUT supports CDD System.

Unequal antenna gain:

Operation Frequency	ANT Gain 6 (dBi)	ANT Gain 7 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
5150MHz to 5250MHz	1.00	2.00	2.00	4.52	0	0
5250MHz to 5350MHz	2.00	2.00	2.00	5.01	0	0
5470MHz to 5725MHz	2.00	1.50	2.00	4.76	0	0
5725MHz to 5850MHz	1.50	1.50	1.50	4.51	0	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) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

7.1.1 E.U.T. Operation

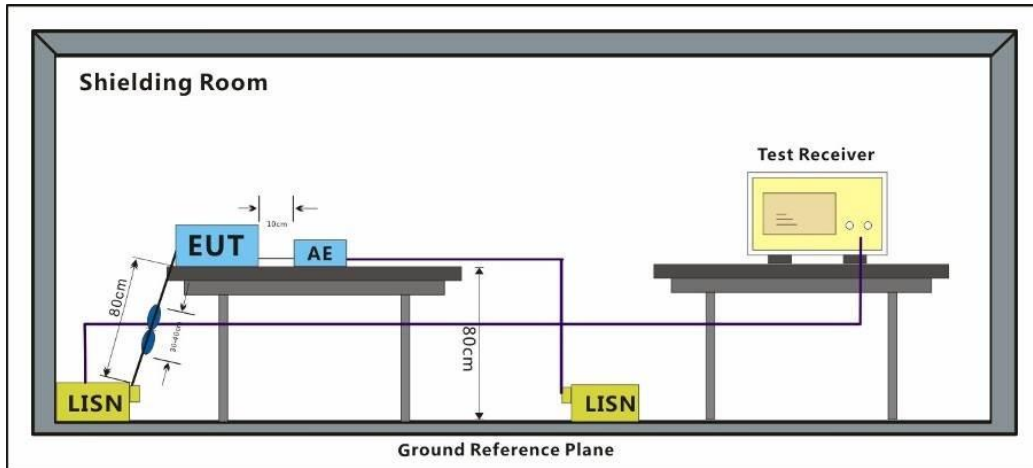
Operating Environment:

Temperature: 23 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



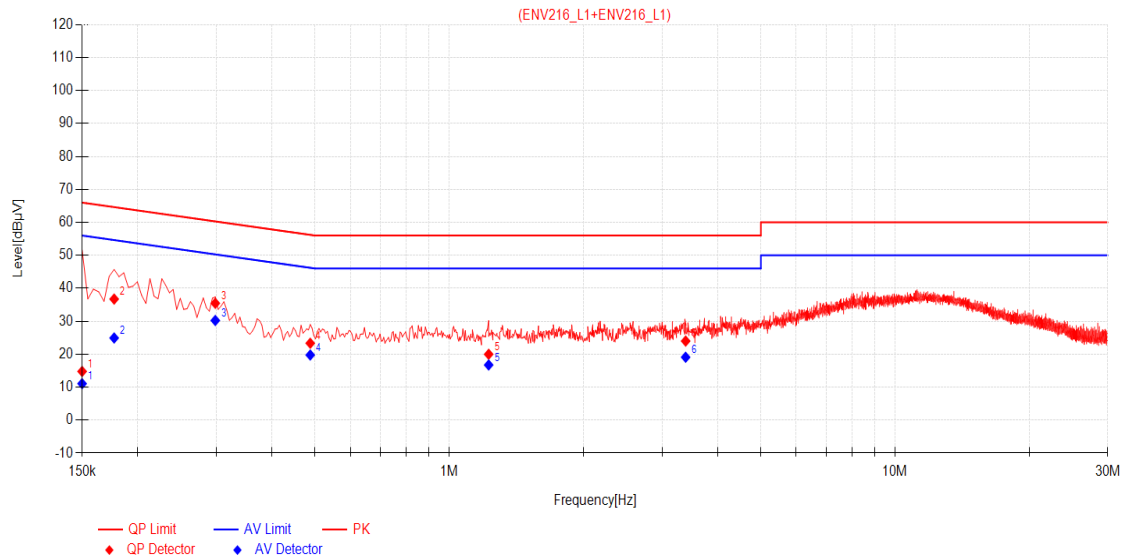
7.1.4 Measurement Procedure and Data

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

Remark 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.

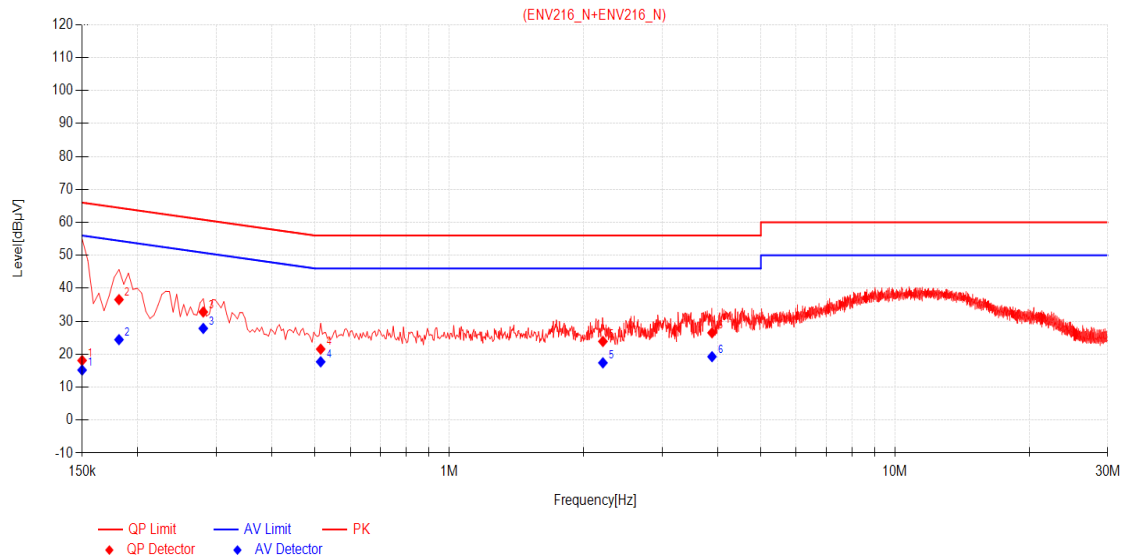
Test Mode: 05; Line: Live line



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	0.1500	9.96	4.81	14.77	66.00	51.23	1.11	11.07	56.00	44.93	PASS
2	0.1770	9.97	26.75	36.72	64.63	27.91	14.95	24.92	54.63	29.71	PASS
3	0.2985	9.94	25.51	35.45	60.28	24.83	20.30	30.24	50.28	20.04	PASS
4	0.4875	9.94	13.39	23.33	56.21	32.88	9.82	19.76	46.21	26.45	PASS
5	1.2255	9.89	10.09	19.98	56.00	36.02	6.85	16.74	46.00	29.26	PASS
6	3.3900	9.91	14.08	23.99	56.00	32.01	9.17	19.08	46.00	26.92	PASS

Test Mode: 05; 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	0.1500	9.95	8.15	18.10	66.00	47.90	5.23	15.18	56.00	40.82	PASS
2	0.1815	9.94	26.63	36.57	64.42	27.85	14.48	24.42	54.42	30.00	PASS
3	0.2805	9.98	22.83	32.81	60.80	27.99	17.84	27.82	50.80	22.98	PASS
4	0.5145	9.91	11.63	21.54	56.00	34.46	7.78	17.69	46.00	28.31	PASS
5	2.2110	9.93	13.94	23.87	56.00	32.13	7.46	17.39	46.00	28.61	PASS
6	3.8850	9.93	16.57	26.50	56.00	29.50	9.32	19.25	46.00	26.75	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) 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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

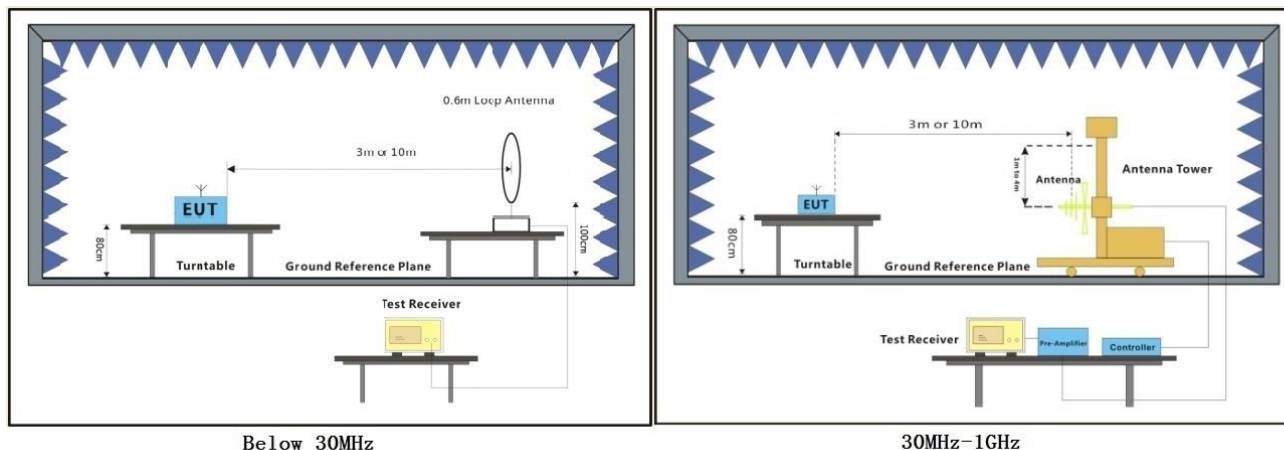
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz

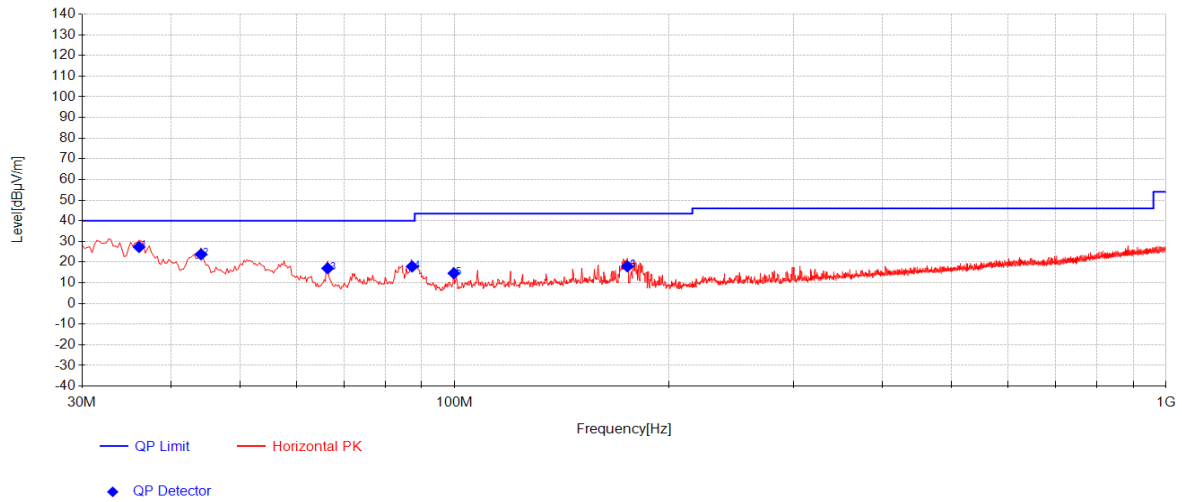
7.2.4 Measurement Procedure and Data

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-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 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:

- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
- Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above 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.
- The disturbance below 1GHz was very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

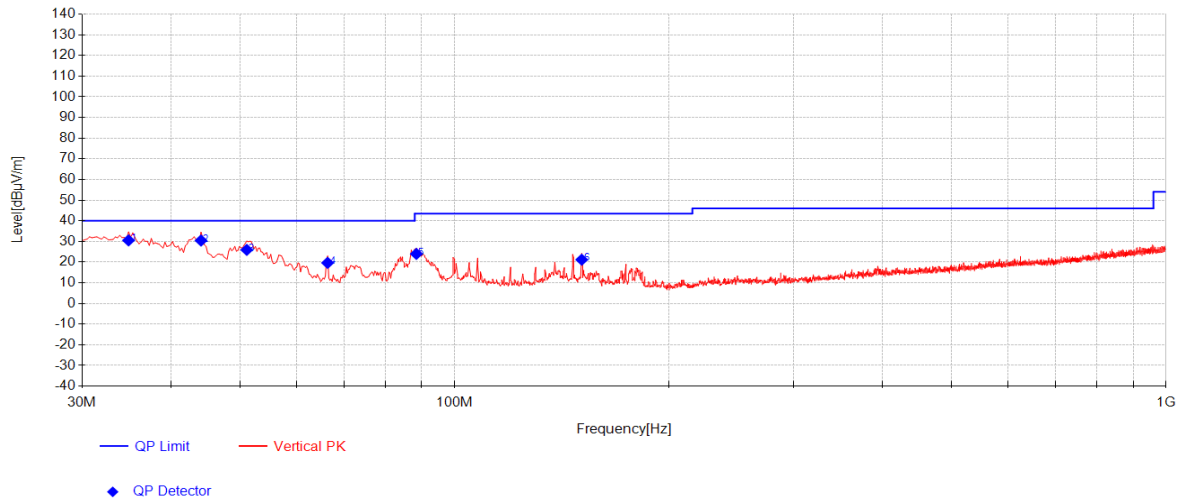
Test Mode: 04; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.0625	48.36	12.89	-33.93	27.32	40.00	12.68	174	22	Horizontal
2	44.065	44.23	13.32	-33.79	23.76	40.00	16.24	136	188	Horizontal
3	66.375	39.52	10.96	-33.47	17.01	40.00	22.99	152	260	Horizontal
4	87.23	42.16	9.01	-33.28	17.89	40.00	22.11	185	207	Horizontal
5	99.84	38.53	9.20	-33.13	14.60	43.50	28.90	146	53	Horizontal
6	175.015	39.14	11.22	-32.40	17.97	43.50	25.53	139	282	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]	Height [cm]	Angle [°]	Polarity
1	34.85	51.69	12.79	-33.95	30.53	40.00	9.47	152	338	Vertical
2	44.065	50.93	13.32	-33.79	30.46	40.00	9.54	163	214	Vertical
3	51.0975	46.25	13.37	-33.68	25.94	40.00	14.06	174	233	Vertical
4	66.375	42.15	10.96	-33.47	19.64	40.00	20.36	196	254	Vertical
5	88.4425	48.29	8.96	-33.27	23.98	43.50	19.52	144	245	Vertical
6	151.0075	41.09	12.76	-32.68	21.17	43.50	22.33	125	202	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) Section 6.6

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.

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

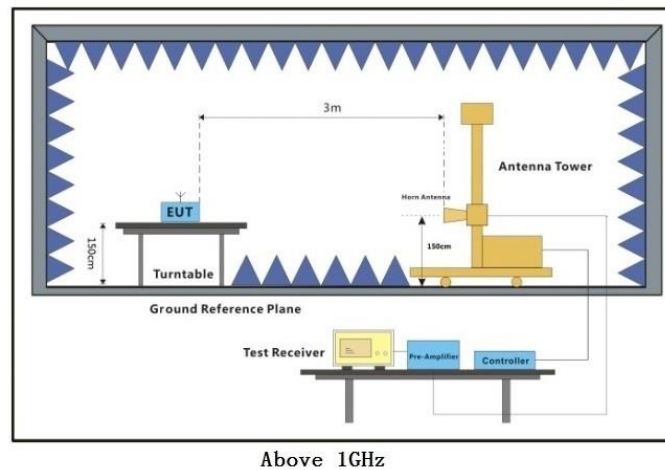
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



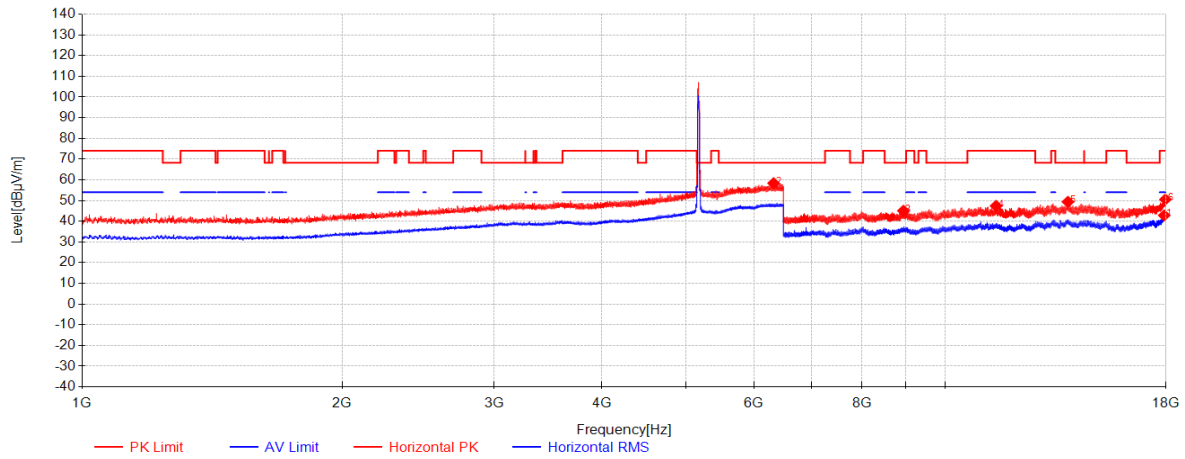
7.3.4 Measurement Procedure and Data

- a. For 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:

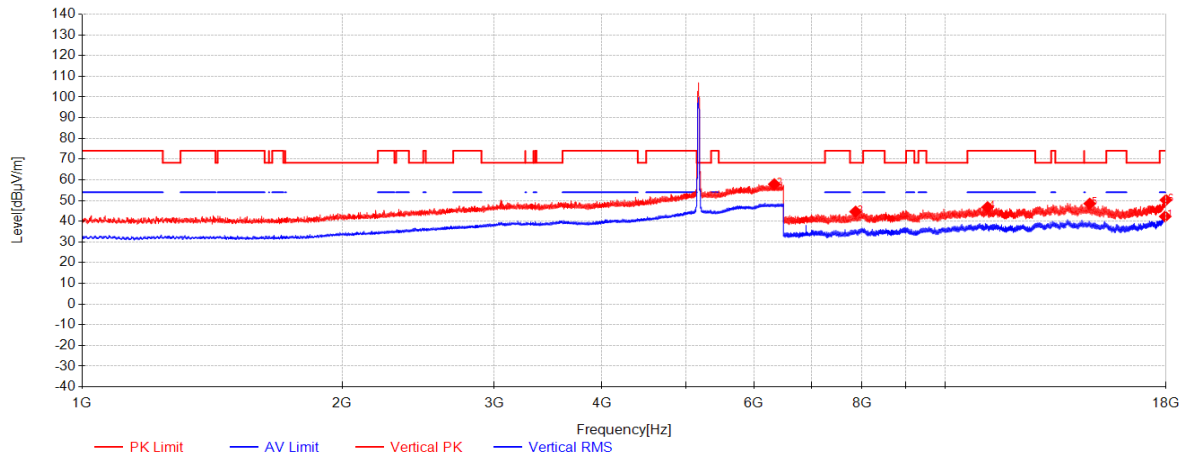
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from 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



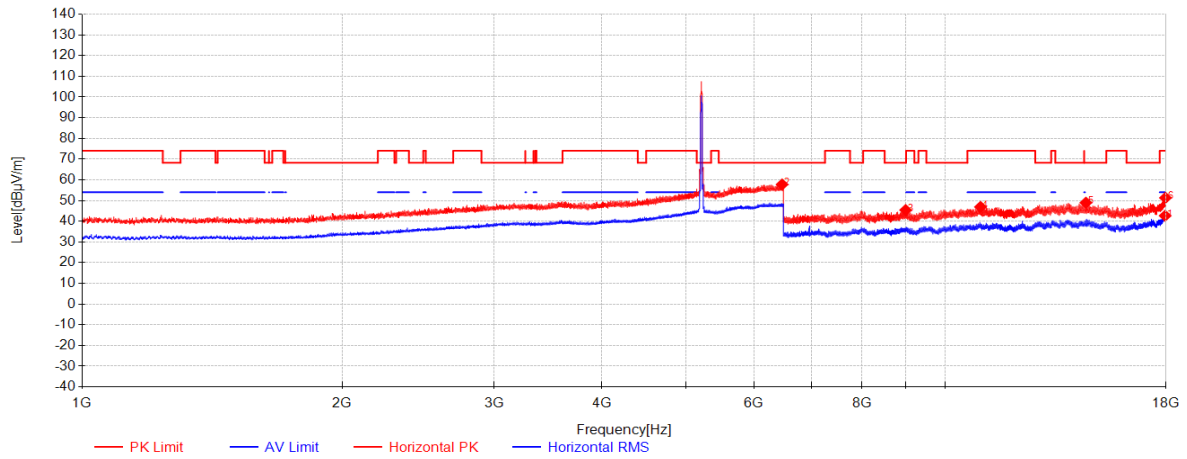
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17913.3667	32.49	41.45	-31.10	42.84	54.00	11.16	Horizontal
2	6321.25	40.17	35.14	-16.94	58.37	68.20	9.83	Horizontal
3	8936.4667	46.60	37.96	-39.50	45.06	68.20	23.14	Horizontal
4	11441.55	44.09	39.04	-35.71	47.41	74.00	26.59	Horizontal
5	13856.9333	43.43	40.33	-34.38	49.38	68.20	18.82	Horizontal
6	17972.0167	39.91	41.62	-30.99	50.54	74.00	23.46	Horizontal

11a_TX_CH_36_Vertical



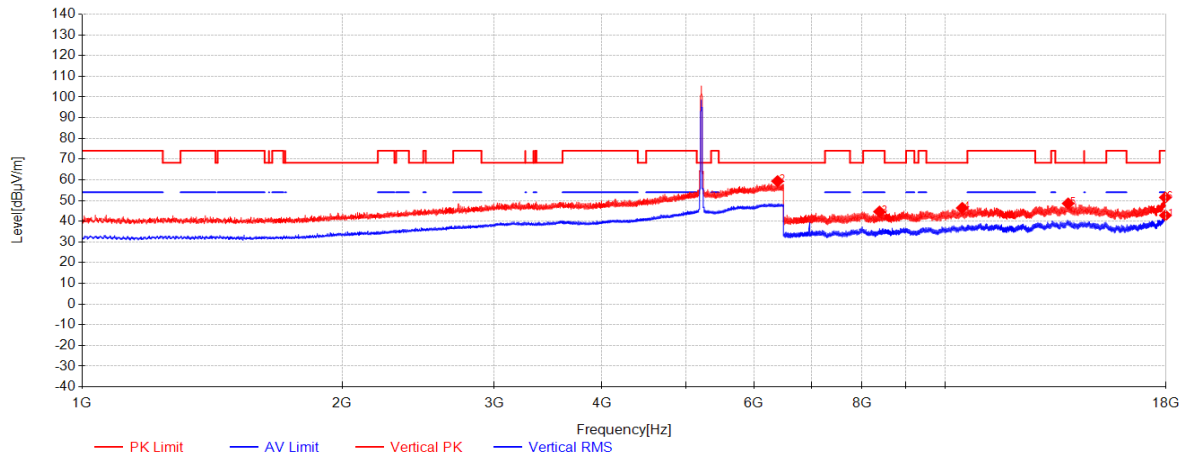
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17960.9	31.74	41.59	-31.01	42.32	54.00	11.68	Vertical
2	6332.7083	39.61	35.17	-16.89	57.89	68.20	10.31	Vertical
3	7866.5833	48.94	37.03	-41.34	44.63	68.20	23.57	Vertical
4	11183.95	42.75	39.19	-35.17	46.77	74.00	27.23	Vertical
5	14687.2333	42.44	39.99	-33.92	48.51	68.20	19.69	Vertical
6	17996.55	39.52	41.69	-30.94	50.27	74.00	23.73	Vertical

11a_TX_CH_44_Horizontal



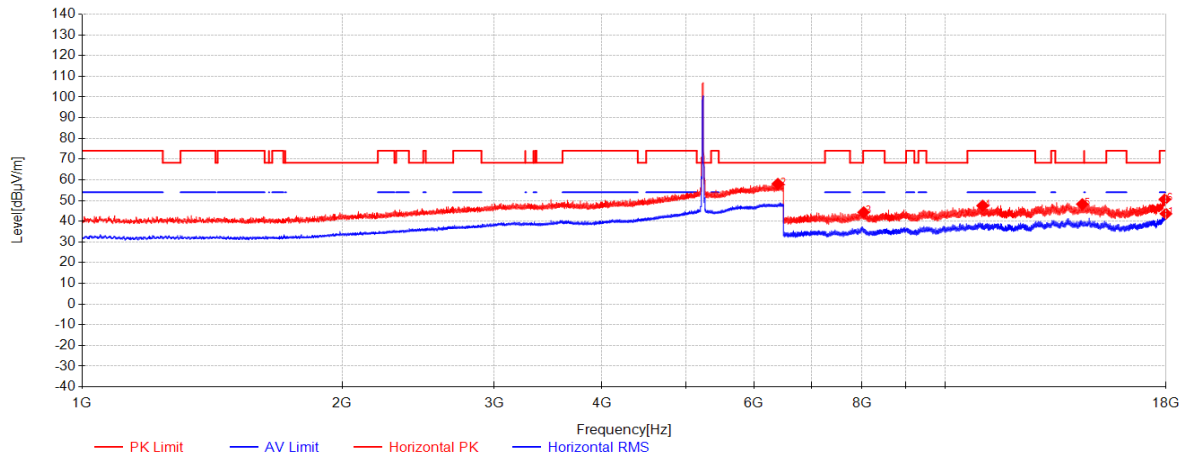
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17957.45	32.11	41.58	-31.02	42.67	54.00	11.33	Horizontal
2	6465.625	39.02	35.43	-16.69	57.76	68.20	10.44	Horizontal
3	8989.75	46.69	37.99	-39.29	45.39	68.20	22.81	Horizontal
4	10977.3333	43.67	39.27	-36.04	46.91	74.00	27.09	Horizontal
5	14537.35	43.59	40.08	-34.72	48.95	68.20	19.25	Horizontal
6	17973.55	40.67	41.62	-30.98	51.31	74.00	22.69	Horizontal

11a_TX_CH_44_Verical



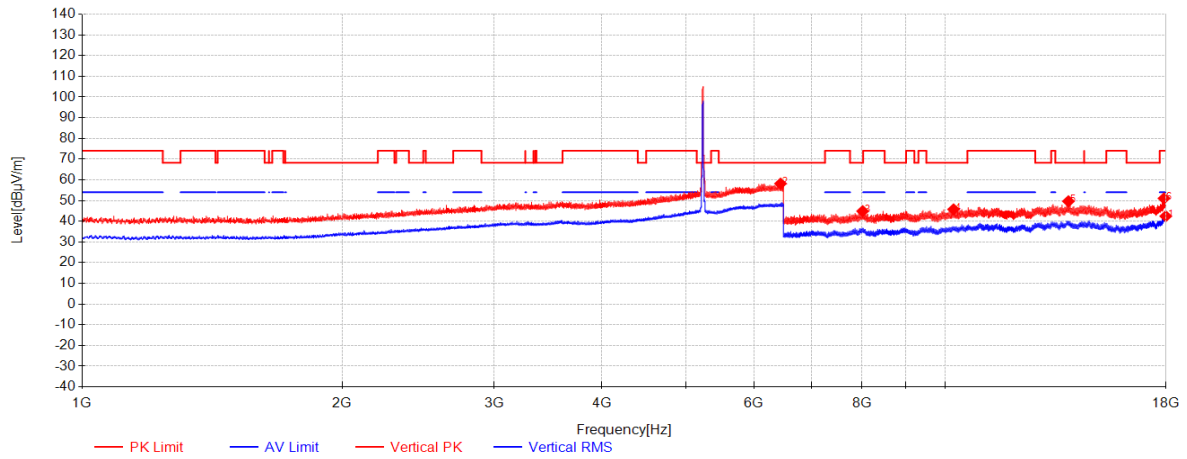
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17971.25	32.20	41.62	-30.99	42.83	54.00	11.17	Vertical
2	6387.7083	40.71	35.28	-16.64	59.35	68.20	8.85	Vertical
3	8383.7	47.84	37.57	-40.76	44.65	74.00	29.35	Vertical
4	10452.9333	44.29	38.64	-36.51	46.42	68.20	21.78	Vertical
5	13865.3667	42.52	40.33	-34.27	48.59	68.20	19.61	Vertical
6	17967.4167	40.88	41.61	-31.00	51.49	74.00	22.51	Vertical

11a_TX_CH_48_Horizontal



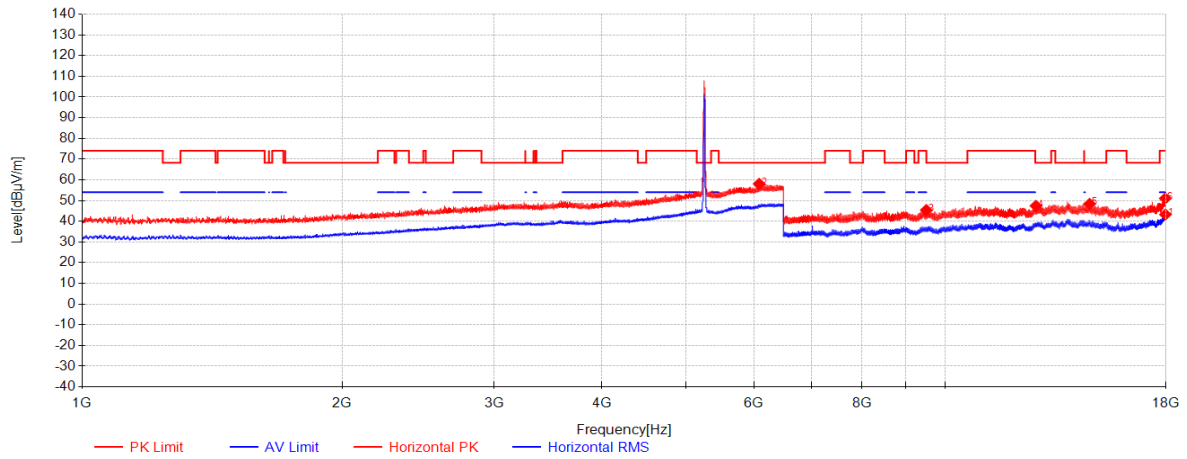
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17995.0167	32.87	41.69	-30.94	43.62	54.00	10.38	Horizontal
2	6393.6667	39.39	35.29	-16.61	58.07	68.20	10.13	Horizontal
3	8037.1667	48.14	37.33	-41.12	44.34	74.00	29.66	Horizontal
4	11039.4333	44.14	39.28	-35.90	47.52	74.00	26.48	Horizontal
5	14400.5	41.86	40.16	-33.77	48.25	68.20	19.95	Horizontal
6	17945.1833	40.06	41.54	-31.04	50.56	74.00	23.44	Horizontal

11a_TX_CH_48_Vertical



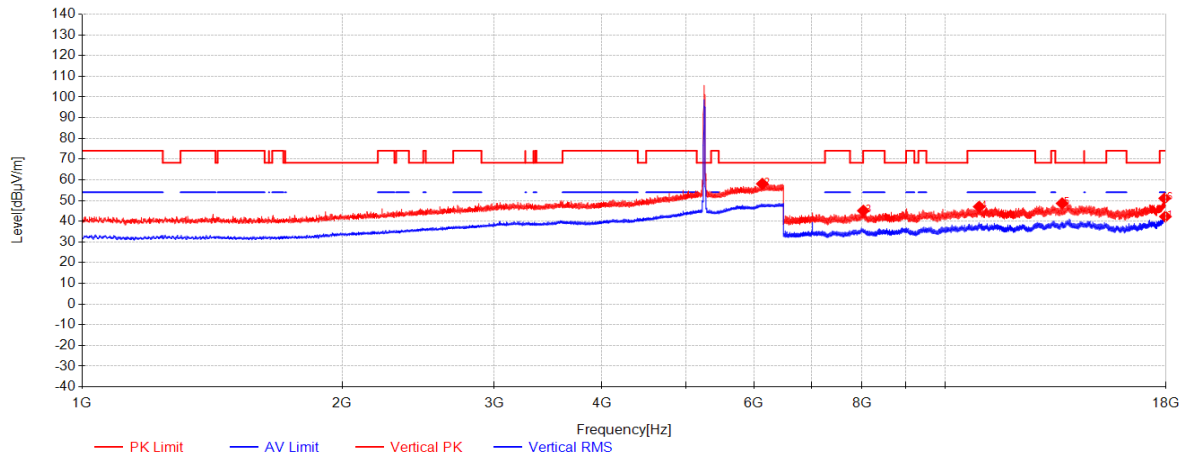
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17986.2	31.74	41.66	-30.96	42.44	54.00	11.56	Vertical
2	6438.5833	39.44	35.38	-16.65	58.17	68.20	10.03	Vertical
3	8016.4667	48.72	37.31	-41.16	44.88	68.20	23.32	Vertical
4	10214.5	43.76	38.36	-36.37	45.75	68.20	22.45	Vertical
5	13874.5667	43.46	40.34	-34.14	49.65	68.20	18.55	Vertical
6	17903.7833	40.74	41.42	-31.12	51.04	74.00	22.96	Vertical

11a_TX_CH_52_Horizontal



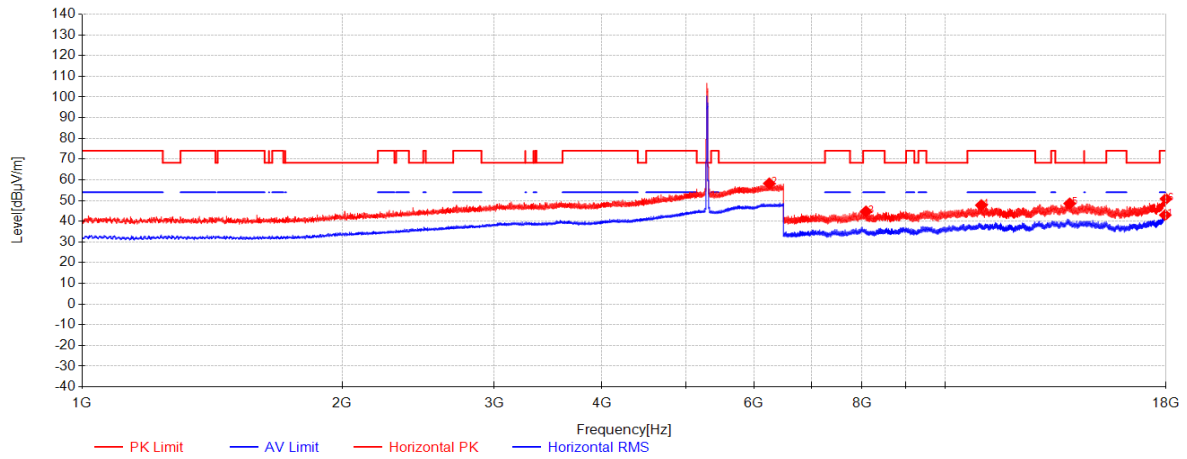
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17972.7833	32.60	41.62	-30.98	43.24	54.00	10.76	Horizontal
2	6081.5417	40.16	34.66	-16.76	58.06	68.20	10.14	Horizontal
3	9498.8167	45.87	38.05	-38.49	45.43	74.00	28.57	Horizontal
4	12723.0333	42.37	39.57	-34.51	47.43	68.20	20.77	Horizontal
5	14681.8667	42.34	39.99	-33.96	48.37	68.20	19.83	Horizontal
6	17965.5	40.41	41.60	-31.00	51.01	74.00	22.99	Horizontal

11a_TX_CH_52_Vertical



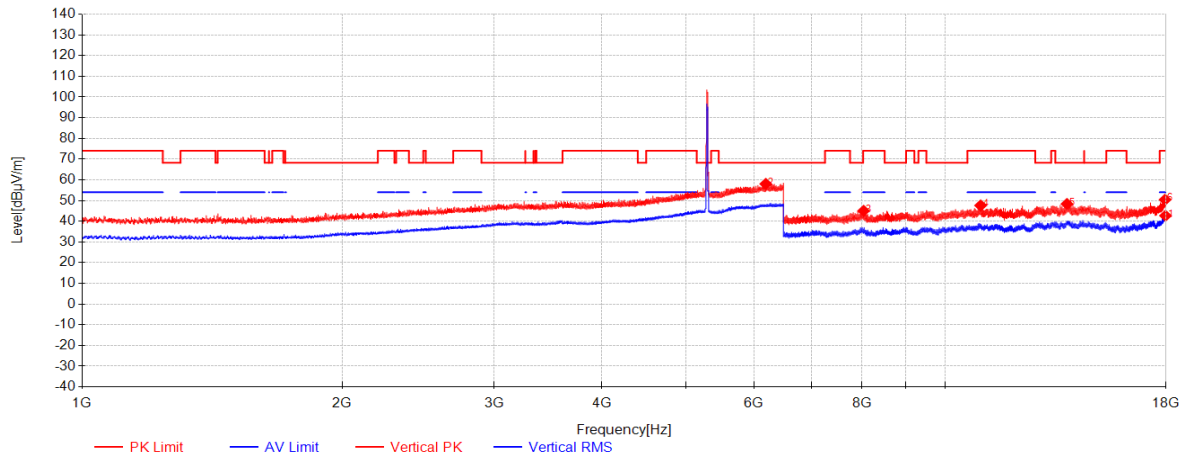
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17967.8	31.65	41.61	-30.99	42.26	54.00	11.74	Vertical
2	6133.3333	40.06	34.77	-16.72	58.10	68.20	10.10	Vertical
3	8029.8833	48.90	37.32	-41.14	45.09	74.00	28.91	Vertical
4	10937.0833	43.93	39.22	-36.12	47.03	74.00	26.97	Vertical
5	13644.5667	43.04	40.22	-34.63	48.63	68.20	19.57	Vertical
6	17936.3667	40.61	41.52	-31.06	51.07	74.00	22.93	Vertical

11a_TX_CH_60_Horizontal



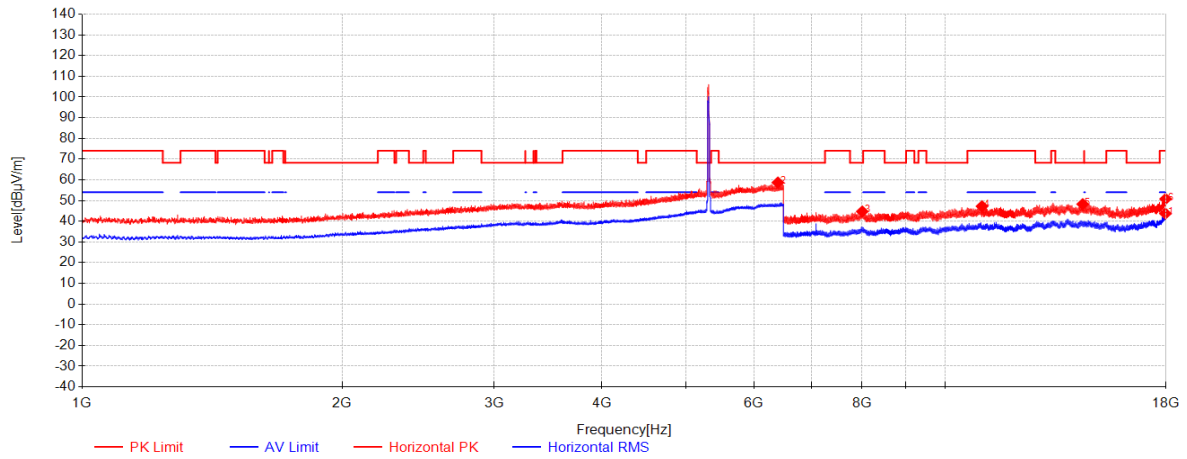
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17963.9667	32.41	41.60	-31.00	43.00	54.00	11.00	Horizontal
2	6248.8333	40.16	35.00	-16.92	58.24	68.20	9.96	Horizontal
3	8086.6167	48.40	37.36	-41.05	44.71	74.00	29.29	Horizontal
4	11000.3333	44.44	39.30	-35.99	47.75	74.00	26.25	Horizontal
5	13924.0167	42.41	40.36	-34.21	48.56	68.20	19.64	Horizontal
6	17996.55	40.05	41.69	-30.94	50.80	74.00	23.20	Horizontal

11a_TX_CH_60_Vertical



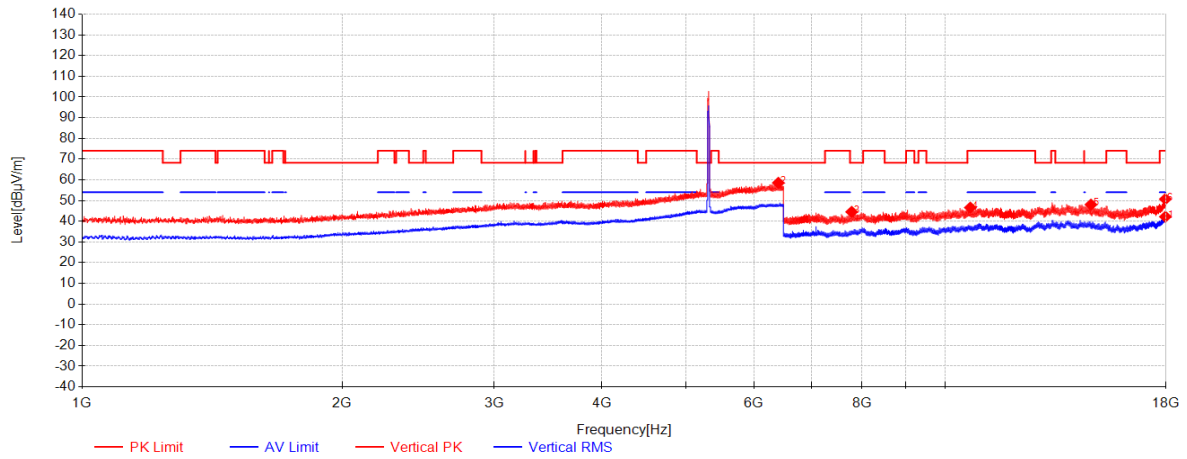
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17975.0833	32.03	41.63	-30.98	42.68	54.00	11.32	Vertical
2	6190.625	39.97	34.88	-16.80	58.05	68.20	10.15	Vertical
3	8036.0167	48.82	37.33	-41.13	45.02	74.00	28.98	Vertical
4	10979.25	44.39	39.28	-36.03	47.63	74.00	26.37	Vertical
5	13821.6667	42.90	40.31	-34.86	48.35	68.20	19.85	Vertical
6	17954.3833	39.86	41.57	-31.02	50.41	74.00	23.59	Vertical

11a_TX_CH_64_Horizontal



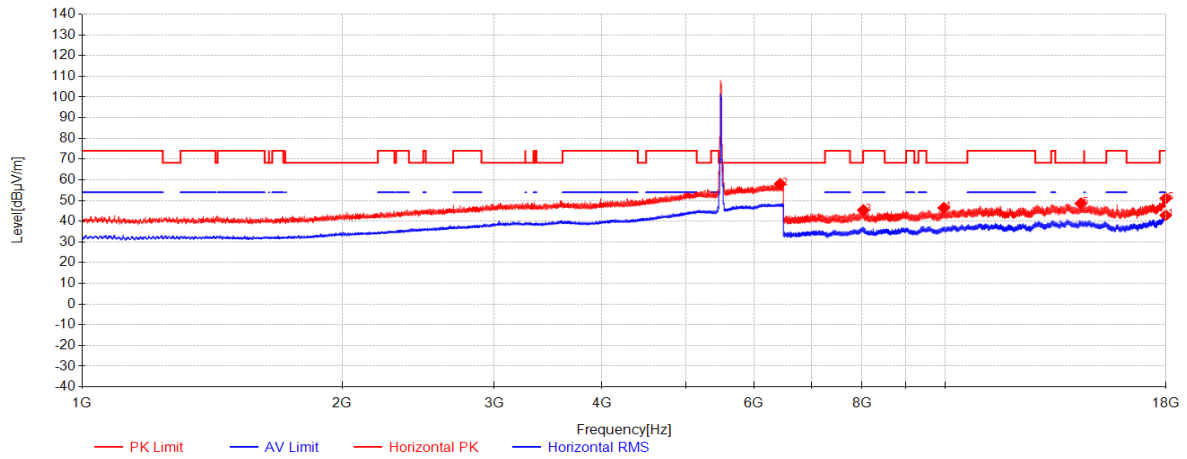
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17970.1	33.09	41.61	-30.99	43.71	54.00	10.29	Horizontal
2	6394.125	40.00	35.29	-16.61	58.68	68.20	9.52	Horizontal
3	8007.65	48.58	37.31	-41.17	44.72	68.20	23.48	Horizontal
4	11019.8833	43.87	39.29	-35.94	47.22	74.00	26.78	Horizontal
5	14414.3	42.02	40.15	-33.91	48.26	68.20	19.94	Horizontal
6	17980.8333	40.11	41.64	-30.97	50.79	74.00	23.21	Horizontal

11a_TX_CH_64_Vertical



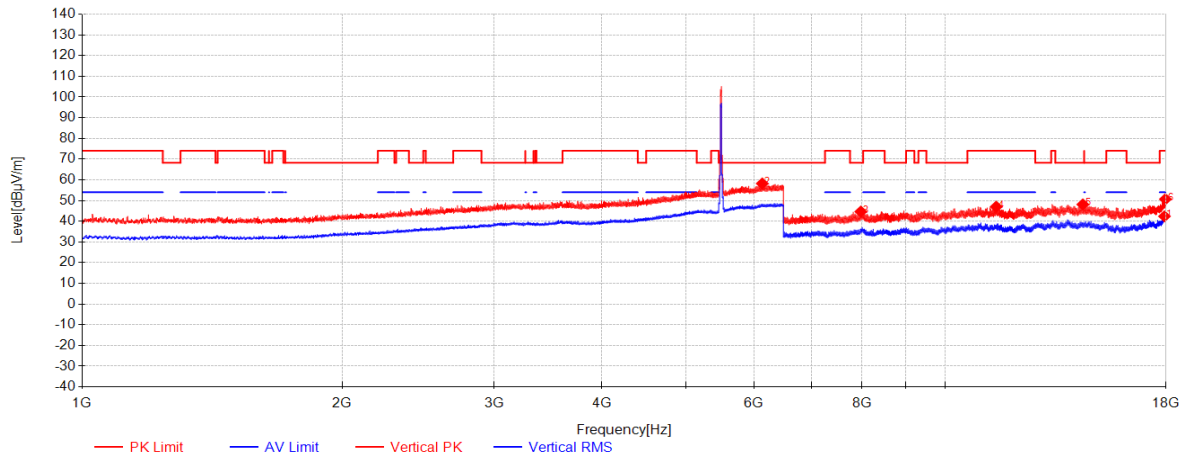
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17970.1	31.58	41.61	-30.99	42.20	54.00	11.80	Vertical
2	6401.4583	39.82	35.30	-16.58	58.54	68.20	9.66	Vertical
3	7783.7833	48.78	36.87	-41.13	44.52	68.20	23.68	Vertical
4	10681.4	43.69	38.92	-36.04	46.57	74.00	27.43	Vertical
5	14735.15	42.06	39.96	-34.00	48.02	68.20	20.18	Vertical
6	17968.95	40.06	41.61	-30.99	50.68	74.00	23.32	Vertical

11a_TX_CH_100_Horizontal



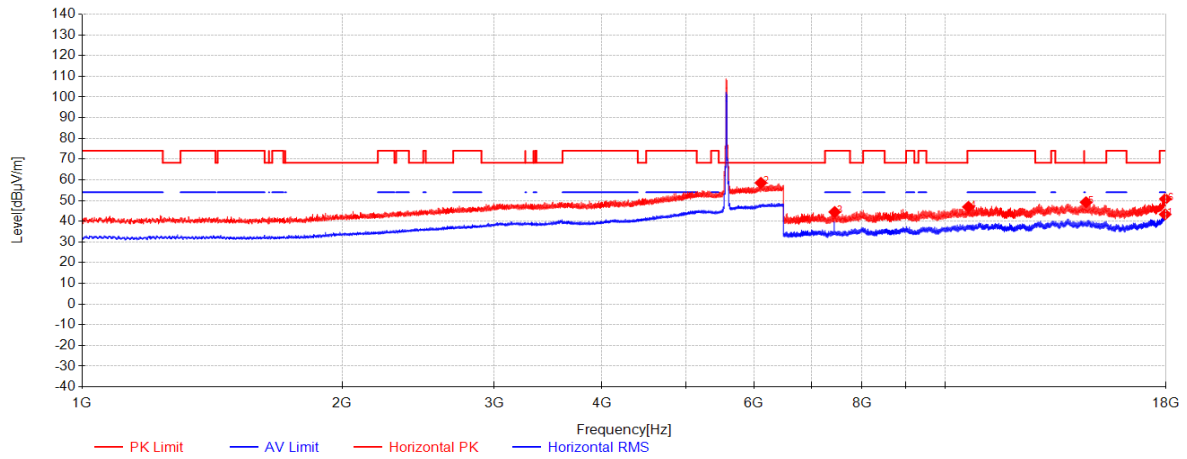
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17986.5833	32.16	41.66	-30.96	42.86	54.00	11.14	Horizontal
2	6431.7083	39.29	35.36	-16.63	58.02	68.20	10.18	Horizontal
3	8029.5	49.18	37.32	-41.14	45.36	74.00	28.64	Horizontal
4	9950.7667	45.75	38.10	-37.42	46.43	68.20	21.77	Horizontal
5	14345.6833	42.82	40.19	-34.42	48.60	68.20	19.60	Horizontal
6	17990.8	40.33	41.67	-30.95	51.05	74.00	22.95	Horizontal

11a_TX_CH_100_Vertical



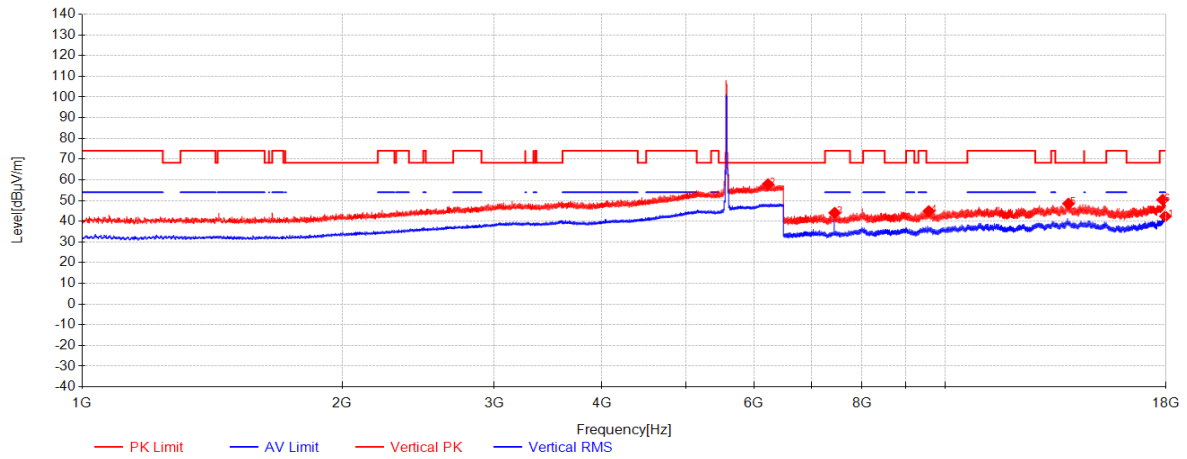
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17926.4	31.97	41.49	-31.08	42.38	54.00	11.62	Vertical
2	6132.875	40.17	34.77	-16.72	58.21	68.20	9.99	Vertical
3	7976.6	48.64	37.25	-41.25	44.64	68.20	23.56	Vertical
4	11445.7667	43.70	39.03	-35.72	47.01	74.00	26.99	Vertical
5	14420.4333	41.93	40.15	-33.98	48.10	68.20	20.10	Vertical
6	17971.25	40.04	41.62	-30.99	50.67	74.00	23.33	Vertical

11a_TX_CH_116_Horizontal



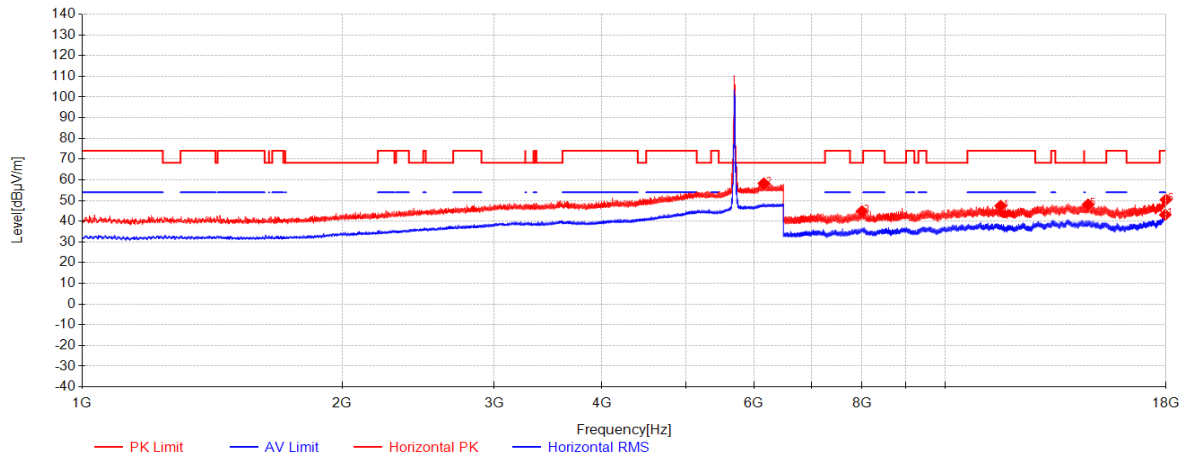
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17961.2833	32.76	41.59	-31.01	43.34	54.00	10.66	Horizontal
2	6110.875	40.50	34.72	-16.69	58.53	68.20	9.67	Horizontal
3	7439.9333	50.20	36.30	-42.03	44.47	74.00	29.53	Horizontal
4	10627.35	44.52	38.85	-36.46	46.92	74.00	27.08	Horizontal
5	14542.7167	43.81	40.07	-34.70	49.18	68.20	19.02	Horizontal
6	17970.8667	40.15	41.62	-30.99	50.78	74.00	23.22	Horizontal

11a_TX_CH_116_Vertical



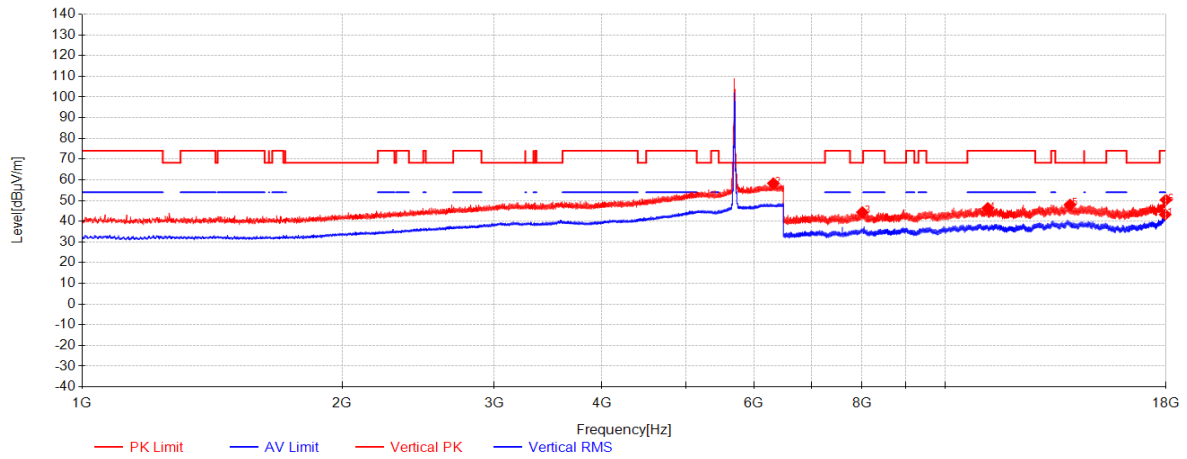
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17969.7167	31.76	41.61	-30.99	42.38	54.00	11.62	Vertical
2	6227.2917	39.80	34.95	-16.87	57.88	68.20	10.32	Vertical
3	7439.9333	49.76	36.30	-42.03	44.03	74.00	29.97	Vertical
4	9561.3	45.14	38.06	-38.32	44.87	68.20	23.33	Vertical
5	13876.8667	42.26	40.34	-34.11	48.49	68.20	19.71	Vertical
6	17837.85	40.74	41.23	-31.62	50.35	74.00	23.65	Vertical

11a_TX_CH_140_Horizontal



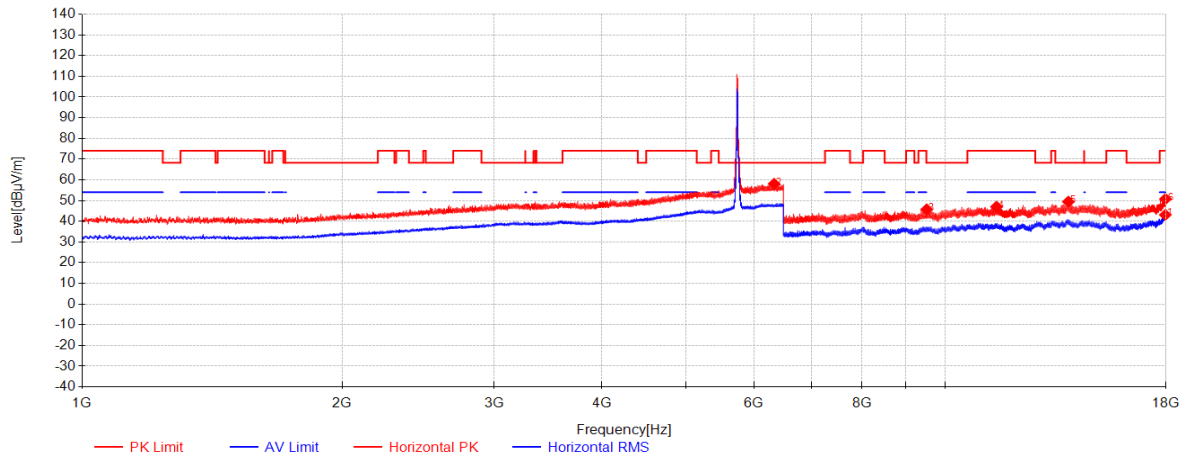
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17965.1167	32.52	41.60	-31.00	43.12	54.00	10.88	Horizontal
2	6159	40.20	34.82	-16.76	58.26	68.20	9.94	Horizontal
3	8000.75	48.68	37.30	-41.18	44.80	68.20	23.40	Horizontal
4	11581.0833	43.78	38.95	-35.32	47.41	74.00	26.59	Horizontal
5	14621.6833	42.47	40.03	-34.39	48.10	68.20	20.10	Horizontal
6	17996.9333	39.66	41.69	-30.94	50.41	74.00	23.59	Horizontal

11a_TX_CH_140_Vertical



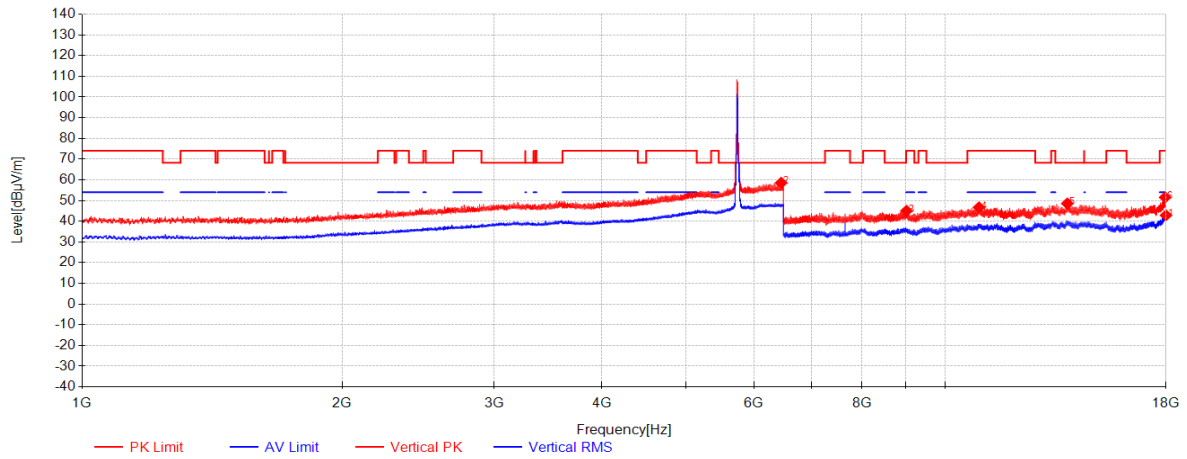
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.3667	32.67	41.58	-31.01	43.24	54.00	10.76	Vertical
2	6316.2083	40.13	35.13	-16.97	58.30	68.20	9.90	Vertical
3	8009.1833	48.20	37.31	-41.17	44.34	68.20	23.86	Vertical
4	11190.0833	42.26	39.19	-35.13	46.32	74.00	27.68	Vertical
5	13933.9833	41.99	40.37	-34.38	47.97	68.20	20.23	Vertical
6	17997.3167	39.57	41.69	-30.94	50.33	74.00	23.67	Vertical

11a_TX_CH_149_Horizontal



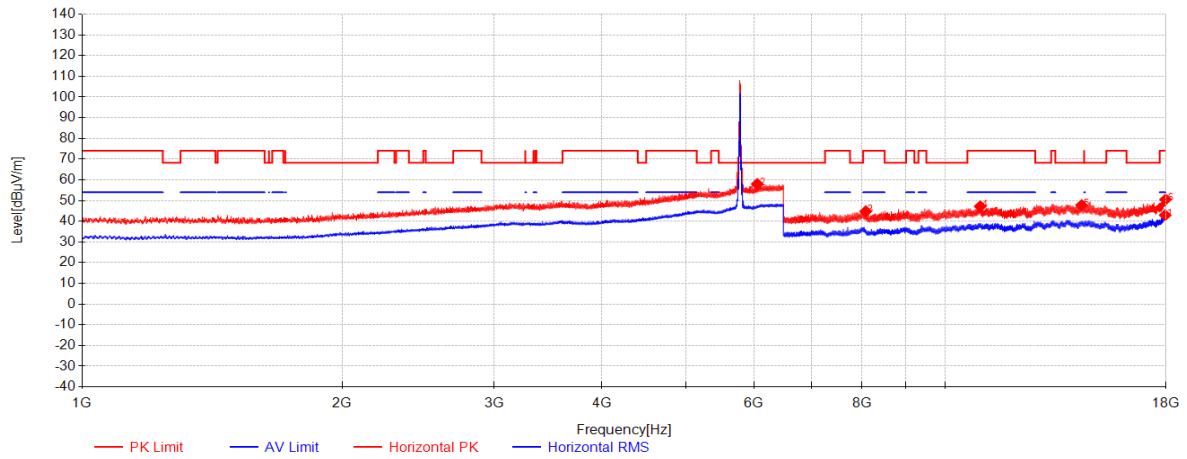
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17968.1833	32.48	41.61	-30.99	43.09	54.00	10.91	Horizontal
2	6329.5	39.81	35.16	-16.90	58.06	68.20	10.14	Horizontal
3	9508.7833	46.11	38.05	-38.47	45.69	68.20	22.51	Horizontal
4	11454.5833	43.72	39.03	-35.75	47.00	74.00	27.00	Horizontal
5	13874.5667	43.25	40.34	-34.14	49.44	68.20	18.76	Horizontal
6	17973.55	40.11	41.62	-30.98	50.75	74.00	23.25	Horizontal

11a_TX_CH_149_Vertical



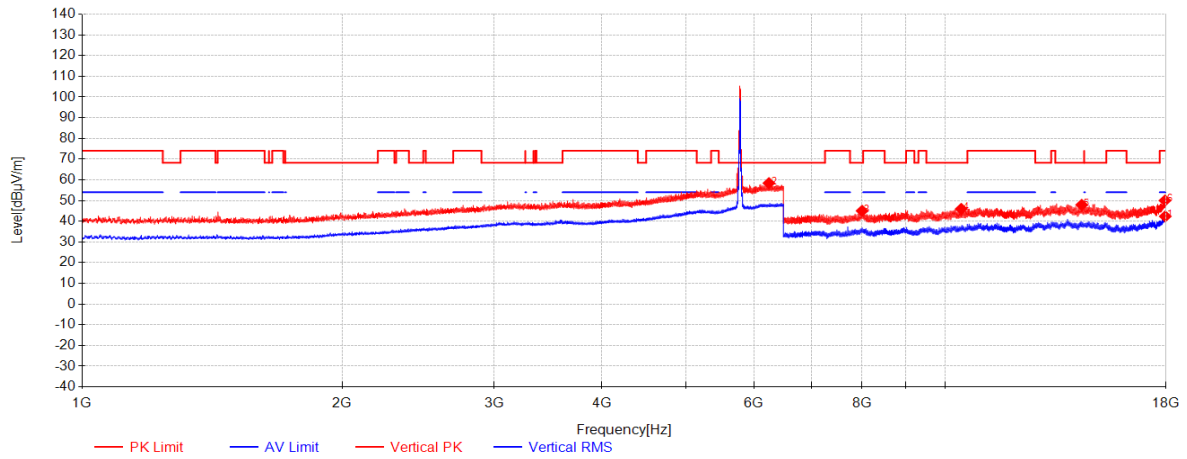
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17999.2333	32.11	41.70	-30.93	42.88	54.00	11.12	Vertical
2	6450.9583	39.83	35.40	-16.67	58.57	68.20	9.63	Vertical
3	9010.0667	46.32	38.00	-39.30	45.03	74.00	28.97	Vertical
4	10930.5667	43.62	39.22	-36.14	46.70	74.00	27.30	Vertical
5	13837	42.89	40.32	-34.65	48.56	68.20	19.64	Vertical
6	17958.2167	40.97	41.58	-31.01	51.54	74.00	22.46	Vertical

11a_TX_CH_157_Horizontal



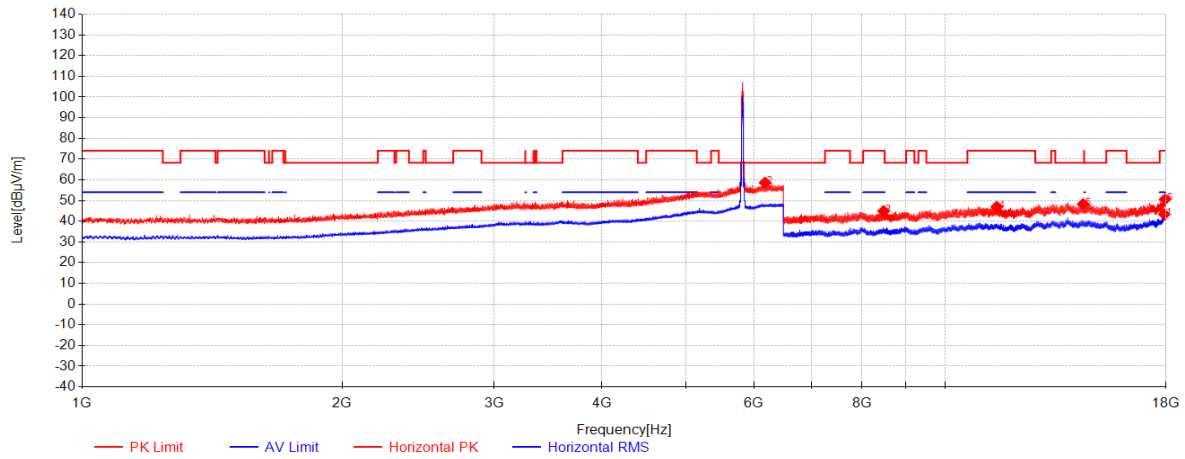
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.75	32.36	41.58	-31.01	42.93	54.00	11.07	Horizontal
2	6051.75	40.28	34.60	-16.89	57.99	68.20	10.21	Horizontal
3	8081.6333	48.50	37.36	-41.06	44.80	74.00	29.20	Horizontal
4	10967.75	44.00	39.26	-36.06	47.20	74.00	26.80	Horizontal
5	14371.3667	41.69	40.18	-34.11	47.76	68.20	20.44	Horizontal
6	17980.0667	39.88	41.64	-30.97	50.55	74.00	23.45	Horizontal

11a_TX_CH_157_Vertical



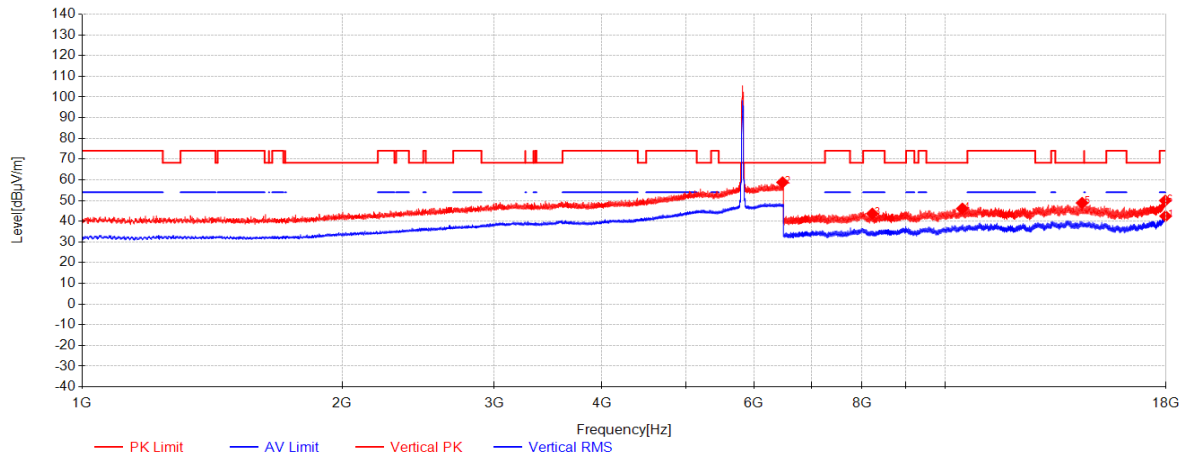
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17963.5833	31.77	41.59	-31.00	42.36	54.00	11.64	Vertical
2	6242.4167	40.32	34.98	-16.91	58.40	68.20	9.80	Vertical
3	8004.2	48.91	37.30	-41.17	45.04	68.20	23.16	Vertical
4	10425.7167	43.89	38.61	-36.56	45.94	68.20	22.26	Vertical
5	14376.35	41.77	40.17	-34.05	47.90	68.20	20.30	Vertical
6	17949.4	39.49	41.55	-31.03	50.01	74.00	23.99	Vertical

11a_TX_CH_165_Horizontal



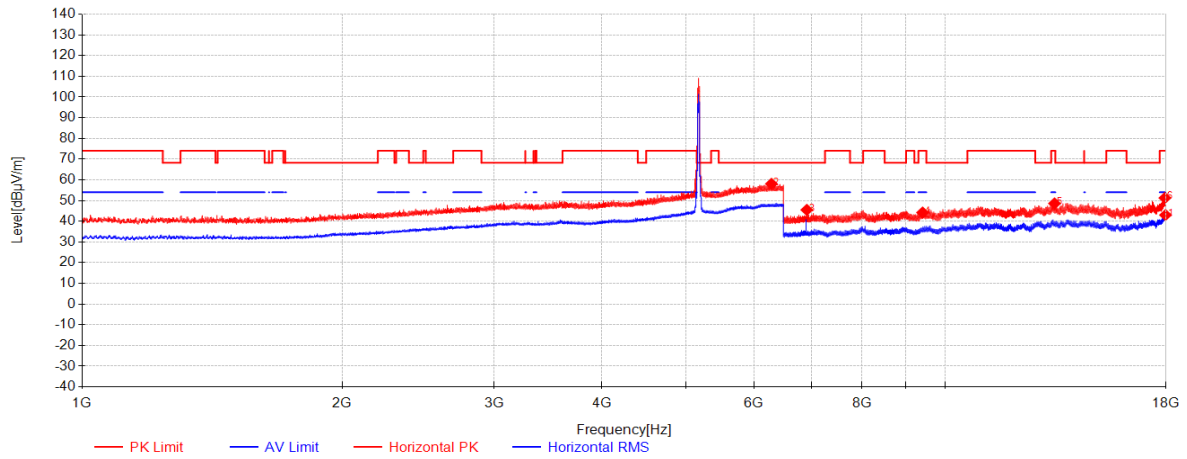
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17919.5	32.98	41.47	-31.09	43.36	54.00	10.64	Horizontal
2	6177.3333	40.57	34.85	-16.78	58.64	68.20	9.56	Horizontal
3	8475.7	47.69	37.63	-40.41	44.91	74.00	29.09	Horizontal
4	11463.7833	43.71	39.02	-35.77	46.96	74.00	27.04	Horizontal
5	14429.6333	42.22	40.14	-34.07	48.29	68.20	19.91	Horizontal
6	17954.3833	40.08	41.57	-31.02	50.63	74.00	23.37	Horizontal

11a_TX_CH_165_Veritical



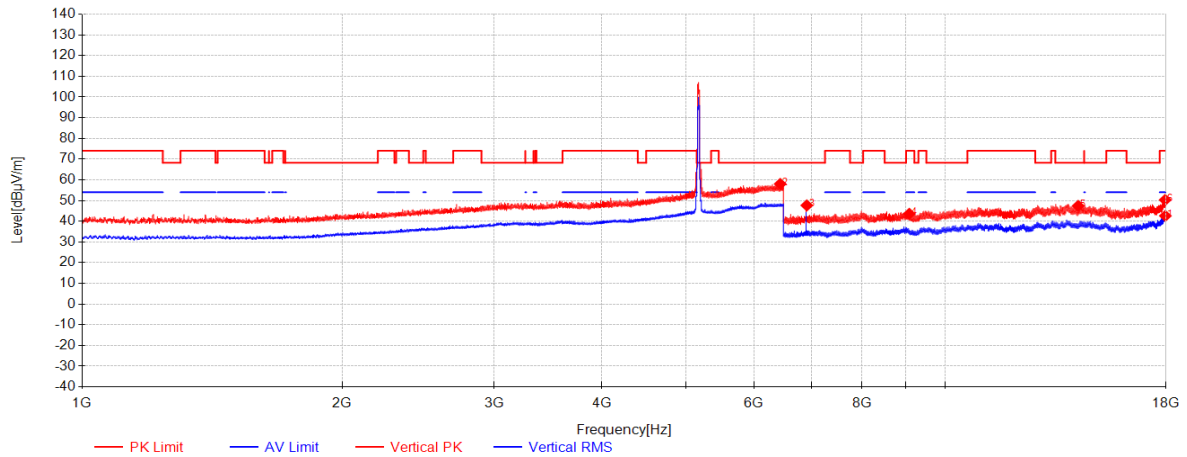
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17978.9167	31.79	41.64	-30.97	42.46	54.00	11.54	Vertical
2	6473.4167	40.04	35.45	-16.70	58.78	68.20	9.42	Vertical
3	8225	46.80	37.46	-40.61	43.65	74.00	30.35	Vertical
4	10456.3833	43.96	38.65	-36.51	46.10	68.20	22.10	Vertical
5	14390.5333	42.56	40.17	-33.87	48.85	68.20	19.35	Vertical
6	17966.2667	39.38	41.60	-31.00	49.98	74.00	24.02	Vertical

11ax(HE20)_TX_CH_36_Horizontal



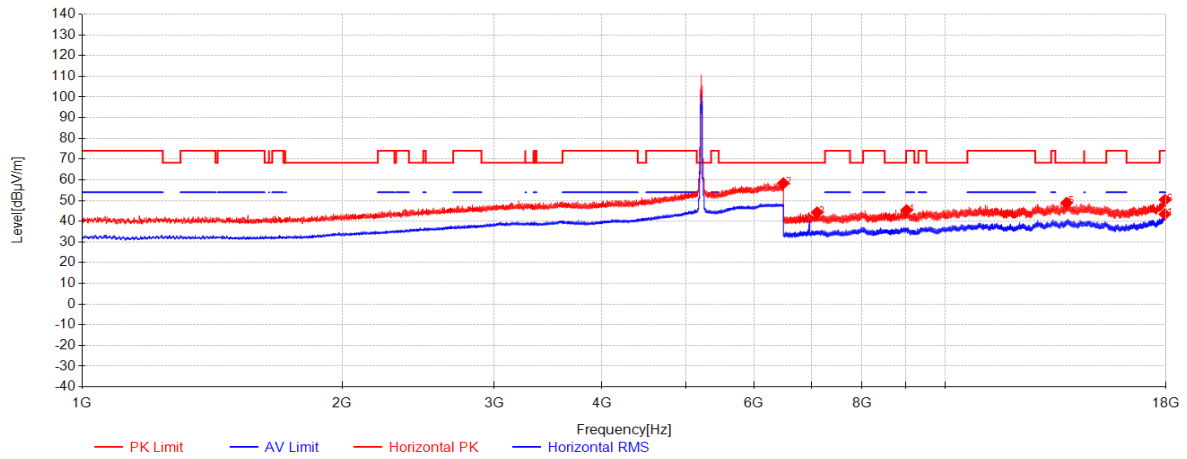
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17975.85	32.37	41.63	-30.98	43.02	54.00	10.98	Horizontal
2	6284.5833	40.01	35.07	-17.00	58.07	68.20	10.13	Horizontal
3	6906.7167	51.98	36.15	-42.63	45.50	68.20	22.70	Horizontal
4	9404.9	44.75	38.04	-38.61	44.18	74.00	29.82	Horizontal
5	13370.4833	43.00	40.09	-34.50	48.58	74.00	25.42	Horizontal
6	17947.8667	40.74	41.55	-31.03	51.25	74.00	22.75	Horizontal

11ax(HE20)_TX_CH_36_Vertical



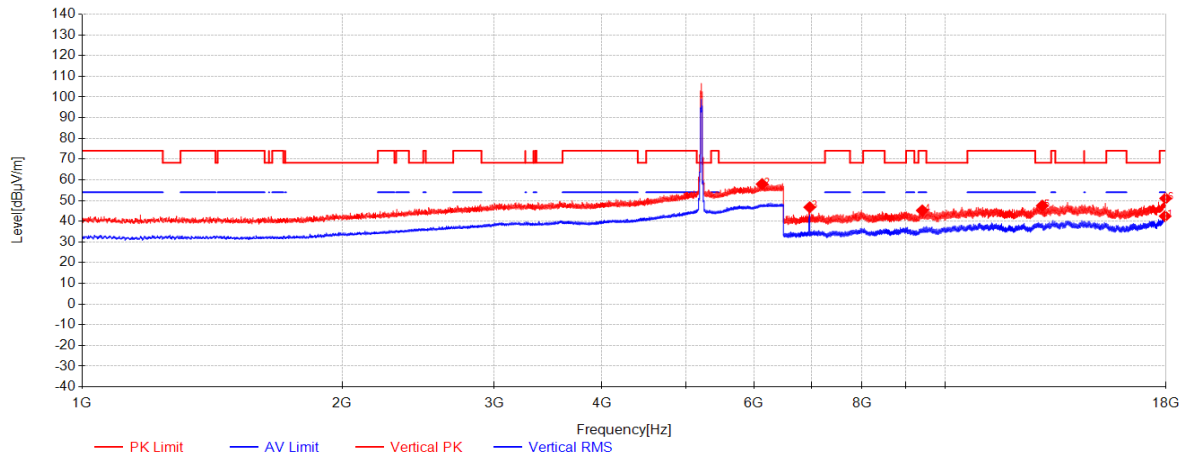
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17967.8	31.99	41.61	-30.99	42.60	54.00	11.40	Vertical
2	6433.5417	39.30	35.37	-16.64	58.03	68.20	10.17	Vertical
3	6906.7167	54.13	36.15	-42.63	47.65	68.20	20.55	Vertical
4	9076.7667	45.21	38.01	-39.60	43.62	74.00	30.38	Vertical
5	14241.8	42.36	40.25	-35.19	47.42	68.20	20.78	Vertical
6	17958.9833	39.74	41.58	-31.01	50.31	74.00	23.69	Vertical

11ax(HE20)_TX_CH_44_Horizontal



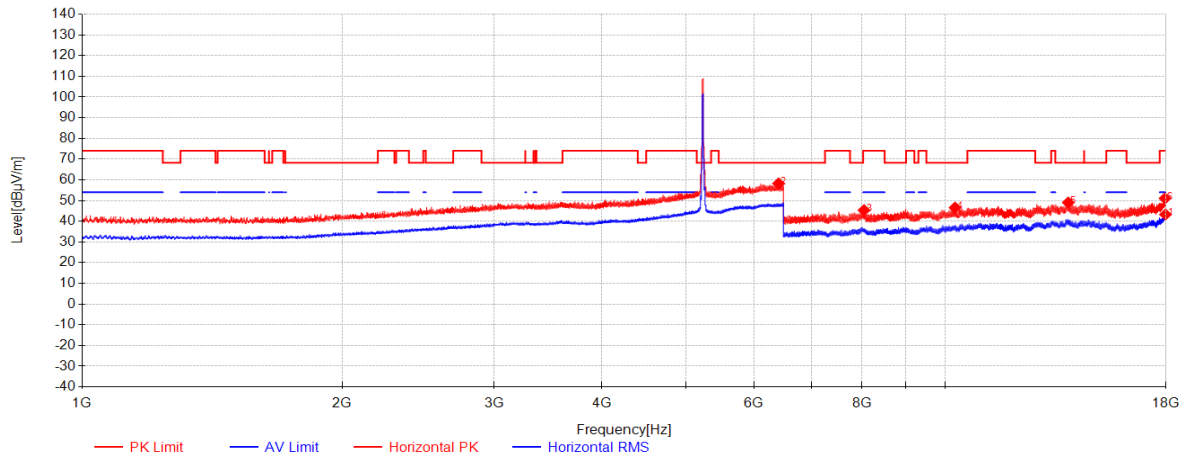
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17943.65	32.93	41.54	-31.04	43.42	54.00	10.58	Horizontal
2	6486.25	39.59	35.47	-16.73	58.34	68.20	9.86	Horizontal
3	7098.7667	50.44	36.30	-42.48	44.26	68.20	23.94	Horizontal
4	9012.3667	46.64	38.00	-39.31	45.34	74.00	28.66	Horizontal
5	13808.6333	43.63	40.30	-35.03	48.90	68.20	19.30	Horizontal
6	17953.6167	39.85	41.57	-31.02	50.39	74.00	23.61	Horizontal

11ax(HE20)_TX_CH_44_Vertical



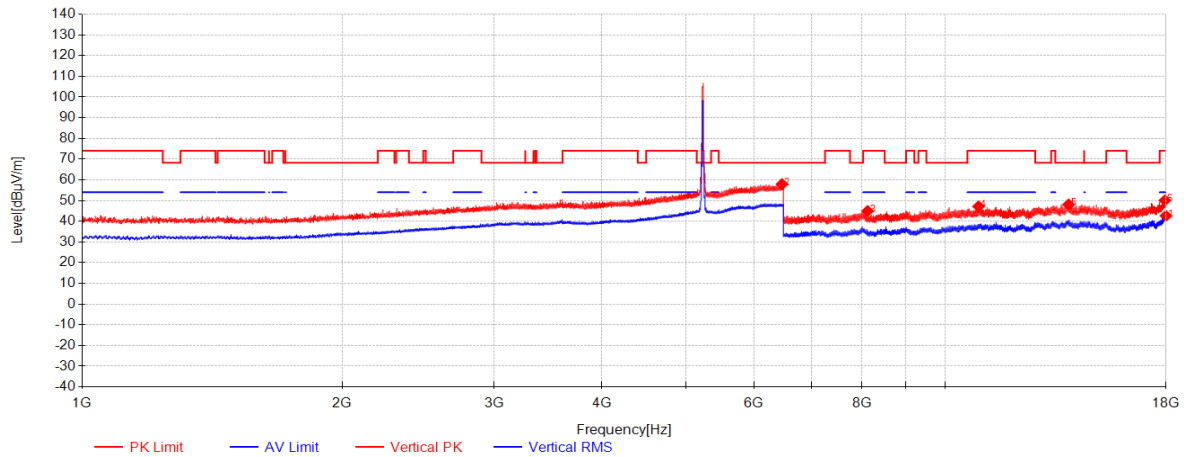
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17956.6833	31.89	41.57	-31.02	42.45	54.00	11.55	Vertical
2	6129.6667	39.90	34.76	-16.72	57.94	68.20	10.26	Vertical
3	6960	53.14	36.24	-42.63	46.75	68.20	21.45	Vertical
4	9398	45.80	38.04	-38.63	45.21	74.00	28.79	Vertical
5	12942.3	42.55	39.83	-34.85	47.53	68.20	20.67	Vertical
6	17981.2167	40.33	41.65	-30.97	51.01	74.00	22.99	Vertical

11ax(HE20)_TX_CH_48_Horizontal



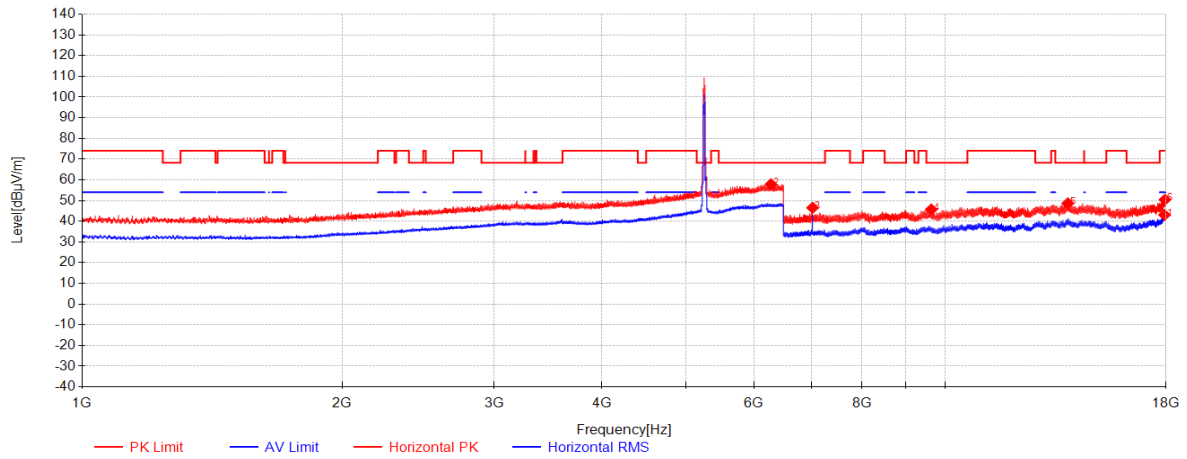
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17975.4667	32.61	41.63	-30.98	43.26	54.00	10.74	Horizontal
2	6405.125	39.51	35.31	-16.59	58.23	68.20	9.97	Horizontal
3	8044.8333	49.12	37.33	-41.11	45.34	74.00	28.66	Horizontal
4	10254.75	44.92	38.41	-36.77	46.56	68.20	21.64	Horizontal
5	13869.5833	42.92	40.33	-34.21	49.04	68.20	19.16	Horizontal
6	17955.15	40.51	41.57	-31.02	51.06	74.00	22.94	Horizontal

11ax(HE20)_TX_CH_48_Vertical



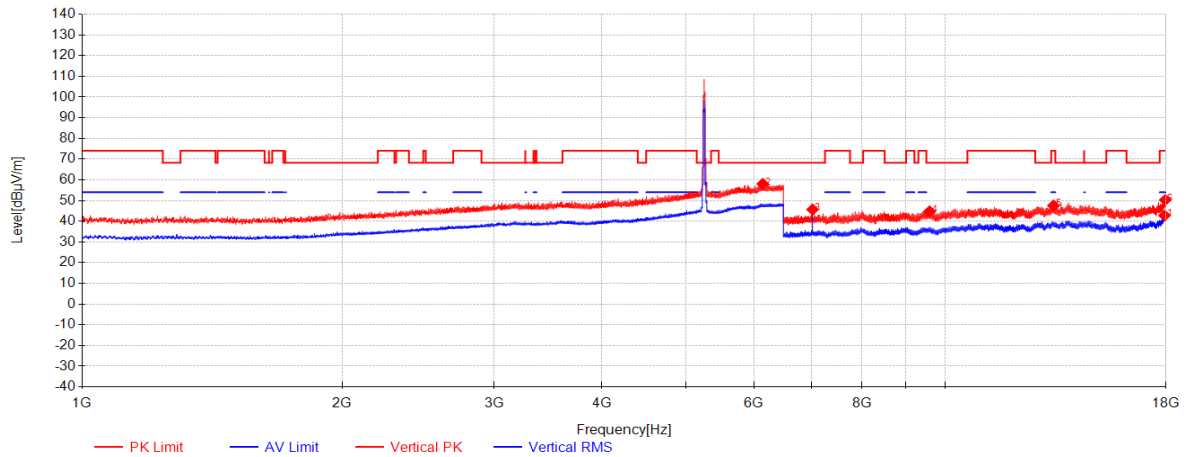
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17996.55	31.88	41.69	-30.94	42.63	54.00	11.37	Vertical
2	6463.7917	39.18	35.43	-16.69	57.92	68.20	10.28	Vertical
3	8122.2667	48.51	37.39	-40.93	44.96	74.00	29.04	Vertical
4	10918.3	44.11	39.20	-36.16	47.15	74.00	26.85	Vertical
5	13883.3833	41.75	40.34	-34.02	48.07	68.20	20.13	Vertical
6	17943.2667	39.57	41.54	-31.04	50.06	74.00	23.94	Vertical

11ax(HE20)_TX_CH_52_Horizontal



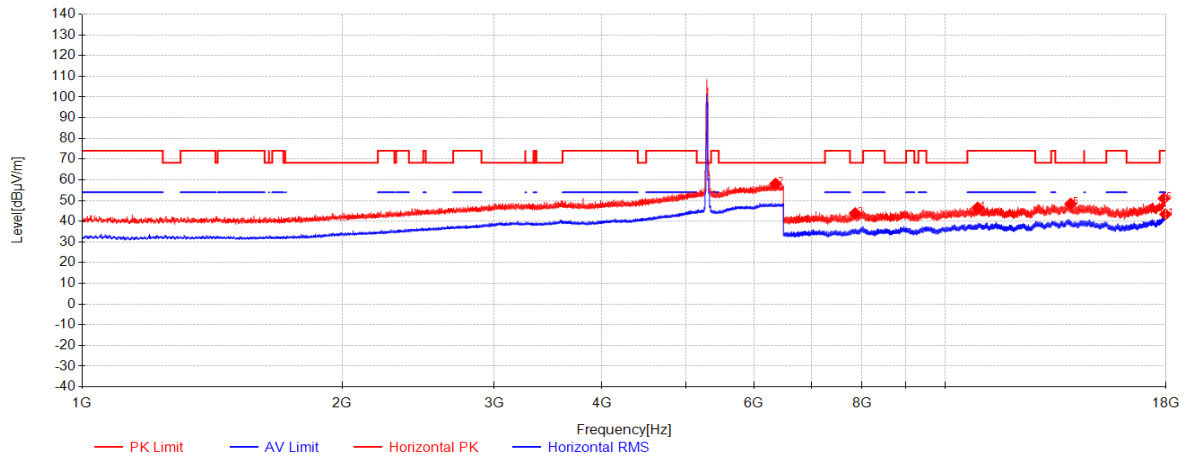
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17927.9333	32.66	41.49	-31.07	43.08	54.00	10.92	Horizontal
2	6278.1667	39.78	35.06	-16.99	57.85	68.20	10.35	Horizontal
3	7013.2833	52.80	36.30	-42.61	46.49	68.20	21.71	Horizontal
4	9625.3167	45.68	38.06	-38.08	45.67	68.20	22.53	Horizontal
5	13853.8667	42.74	40.33	-34.42	48.64	68.20	19.56	Horizontal
6	17950.9333	39.93	41.56	-31.03	50.46	74.00	23.54	Horizontal

11ax(HE20)_TX_CH_52_Vertical



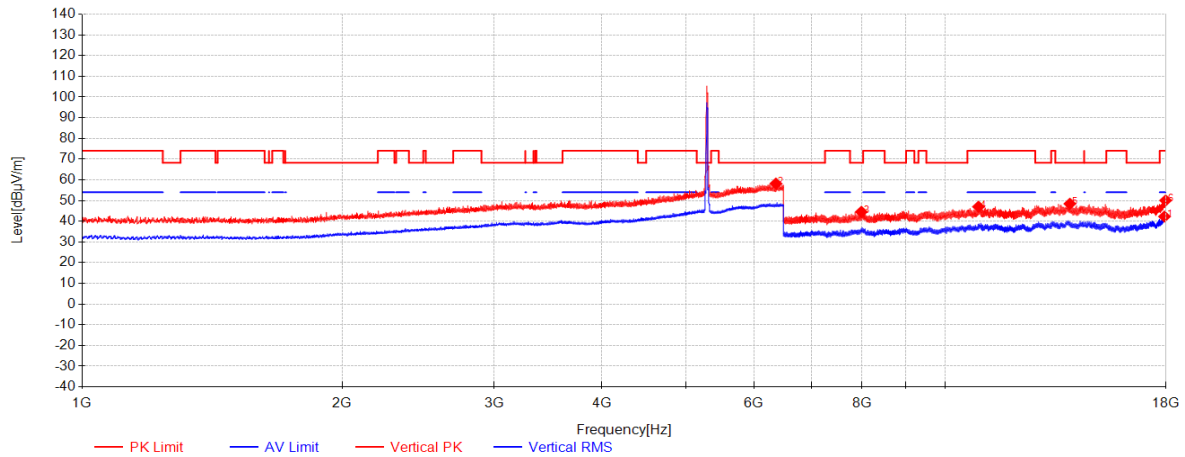
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17929.4667	32.38	41.50	-31.07	42.80	54.00	11.20	Vertical
2	6140.6667	39.98	34.78	-16.73	58.03	68.20	10.17	Vertical
3	7013.2833	51.97	36.30	-42.61	45.66	68.20	22.54	Vertical
4	9582.3833	44.96	38.06	-38.27	44.75	68.20	23.45	Vertical
5	13333.3	42.06	40.07	-34.56	47.57	74.00	26.43	Vertical
6	17965.8833	39.73	41.60	-31.00	50.33	74.00	23.67	Vertical

11ax(HE20)_TX_CH_60_Horizontal



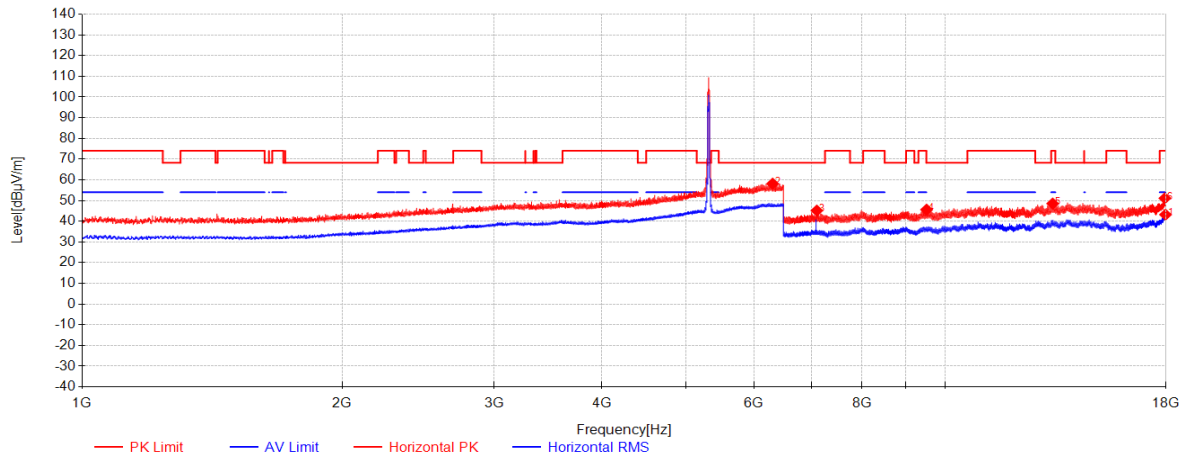
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17972.7833	32.72	41.62	-30.98	43.36	54.00	10.64	Horizontal
2	6354.25	39.73	35.21	-16.79	58.15	68.20	10.05	Horizontal
3	7856.6167	48.14	37.01	-41.29	43.86	68.20	24.34	Horizontal
4	10894.5333	43.61	39.17	-36.23	46.55	74.00	27.45	Horizontal
5	13958.1333	42.86	40.38	-34.80	48.44	68.20	19.76	Horizontal
6	17901.1	40.68	41.41	-31.13	50.97	74.00	23.03	Horizontal

11ax(HE20)_TX_CH_60_Vertical



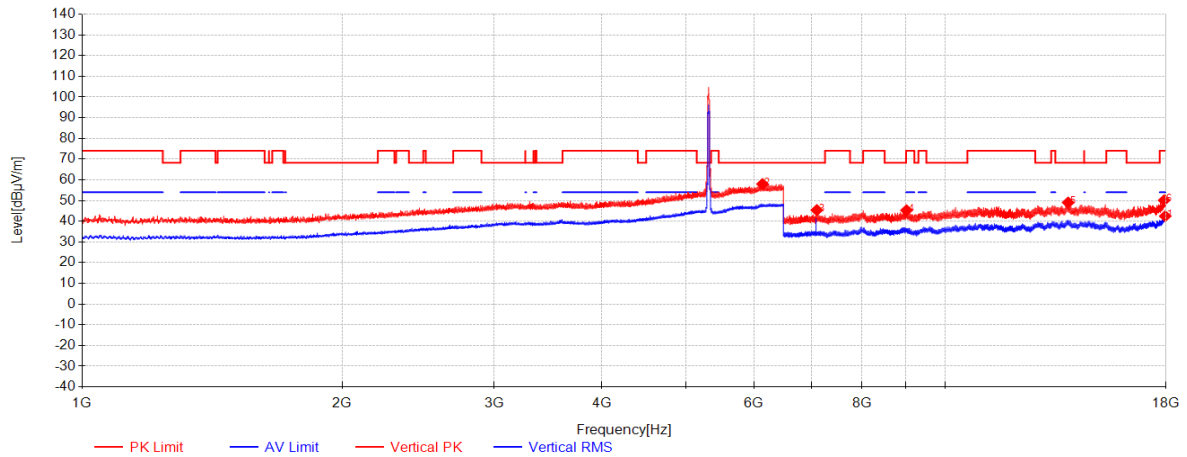
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17927.55	31.87	41.49	-31.07	42.28	54.00	11.72	Vertical
2	6360.2083	39.74	35.22	-16.76	58.20	68.20	10.00	Vertical
3	7988.1	48.48	37.28	-41.22	44.54	68.20	23.66	Vertical
4	10916.3833	43.98	39.20	-36.17	47.01	74.00	26.99	Vertical
5	13928.6167	42.38	40.36	-34.29	48.45	68.20	19.75	Vertical
6	17982.3667	39.37	41.65	-30.97	50.05	74.00	23.95	Vertical

11ax(HE20)_TX_CH_64_Horizontal



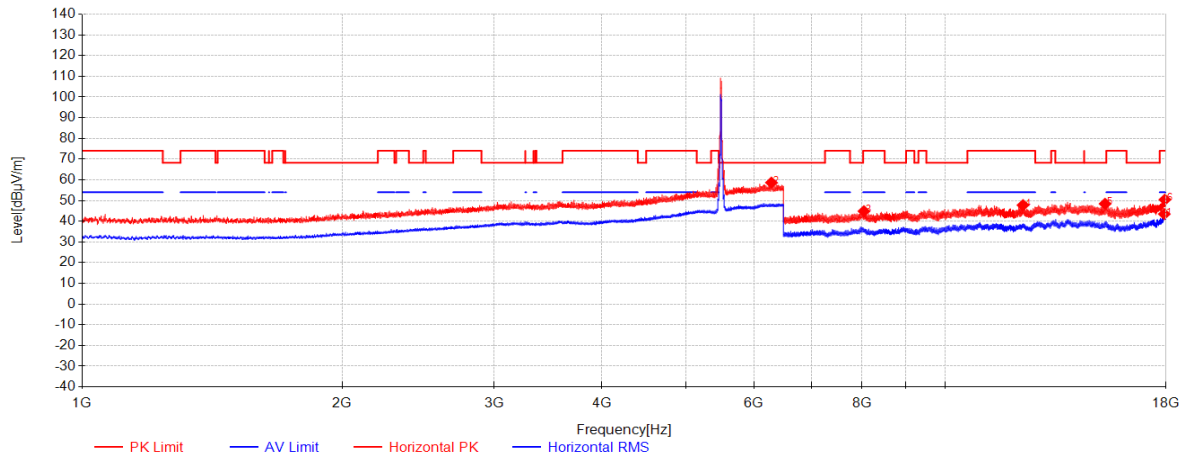
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17975.0833	32.54	41.63	-30.98	43.19	54.00	10.81	Horizontal
2	6304.2917	40.06	35.11	-17.02	58.15	68.20	10.05	Horizontal
3	7093.4	51.35	36.30	-42.49	45.16	68.20	23.04	Horizontal
4	9504.95	46.02	38.05	-38.48	45.59	68.20	22.61	Horizontal
5	13306.0833	43.08	40.05	-34.60	48.53	74.00	25.47	Horizontal
6	17944.4167	40.59	41.54	-31.04	51.09	74.00	22.91	Horizontal

11ax(HE20)_TX_CH_64_Vertical



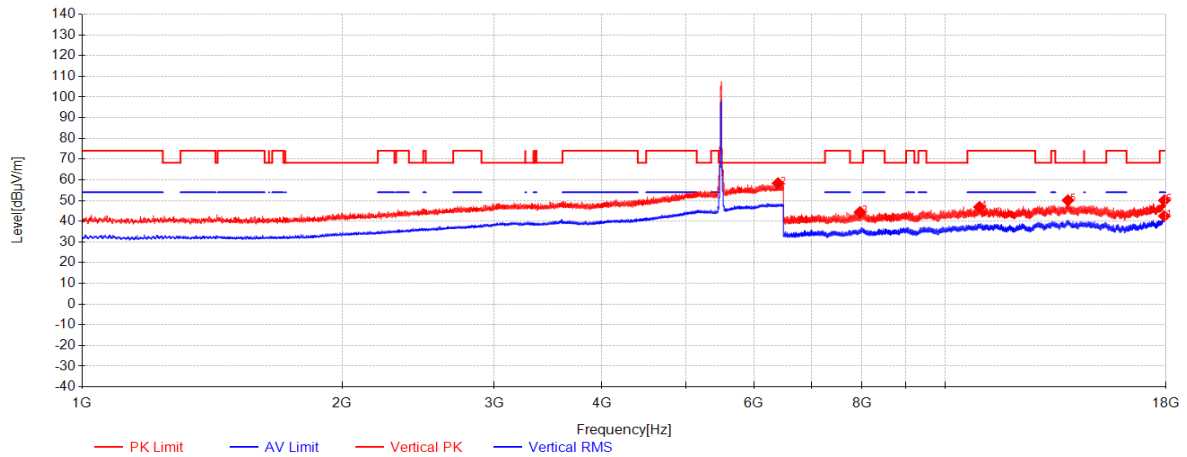
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17962.4333	31.89	41.59	-31.01	42.48	54.00	11.52	Vertical
2	6137	39.92	34.77	-16.73	57.97	68.20	10.23	Vertical
3	7093.4	51.58	36.30	-42.49	45.39	68.20	22.81	Vertical
4	9010.0667	46.58	38.00	-39.30	45.29	74.00	28.71	Vertical
5	13866.1333	42.94	40.33	-34.26	49.02	68.20	19.18	Vertical
6	17911.45	39.78	41.44	-31.11	50.12	74.00	23.88	Vertical

11ax(HE20)_TX_CH_100_Horizontal



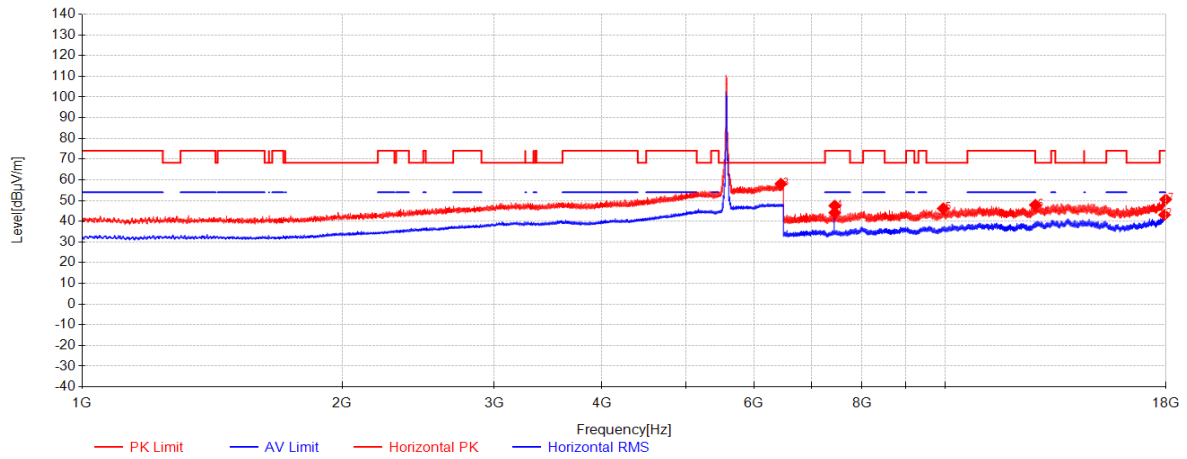
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17917.9667	33.12	41.46	-31.09	43.49	54.00	10.51	Horizontal
2	6284.125	40.61	35.07	-17.00	58.67	68.20	9.53	Horizontal
3	8042.9167	48.62	37.33	-41.12	44.83	74.00	29.17	Horizontal
4	12292.55	43.47	39.05	-34.73	47.79	74.00	26.21	Horizontal
5	15300.1833	42.22	39.26	-33.07	48.41	68.20	19.79	Horizontal
6	17949.0167	39.92	41.55	-31.03	50.44	74.00	23.56	Horizontal

11ax(HE20)_TX_CH_100_Verical



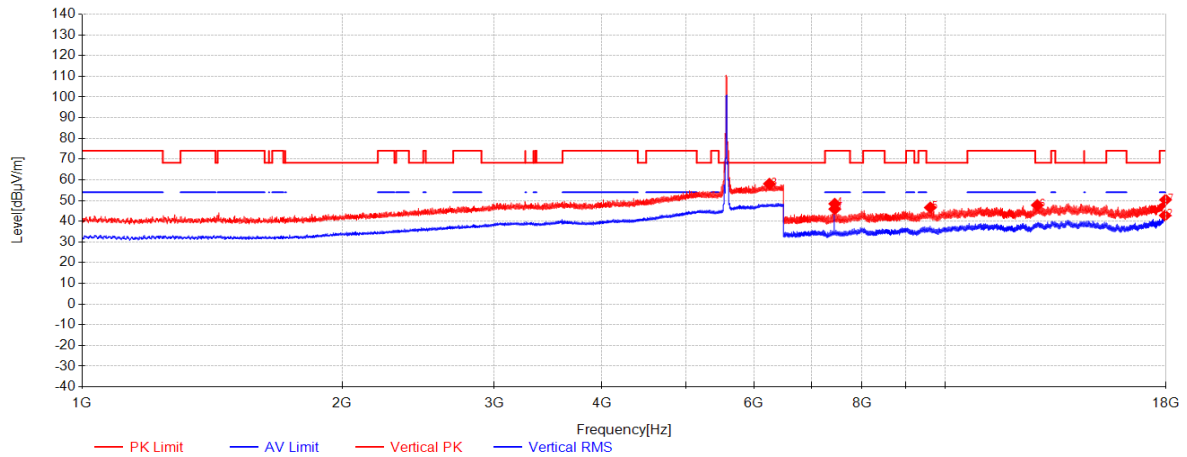
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17921.0333	32.12	41.47	-31.09	42.50	54.00	11.50	Vertical
2	6395.9583	39.68	35.29	-16.60	58.37	68.20	9.83	Vertical
3	7959.7333	48.49	37.22	-41.31	44.40	68.20	23.80	Vertical
4	10945.9	43.73	39.24	-36.10	46.86	74.00	27.14	Vertical
5	13856.9333	44.15	40.33	-34.38	50.10	68.20	18.10	Vertical
6	17920.65	39.70	41.47	-31.09	50.08	74.00	23.92	Vertical

11ax(HE20)_TX_CH_116_Horizontal



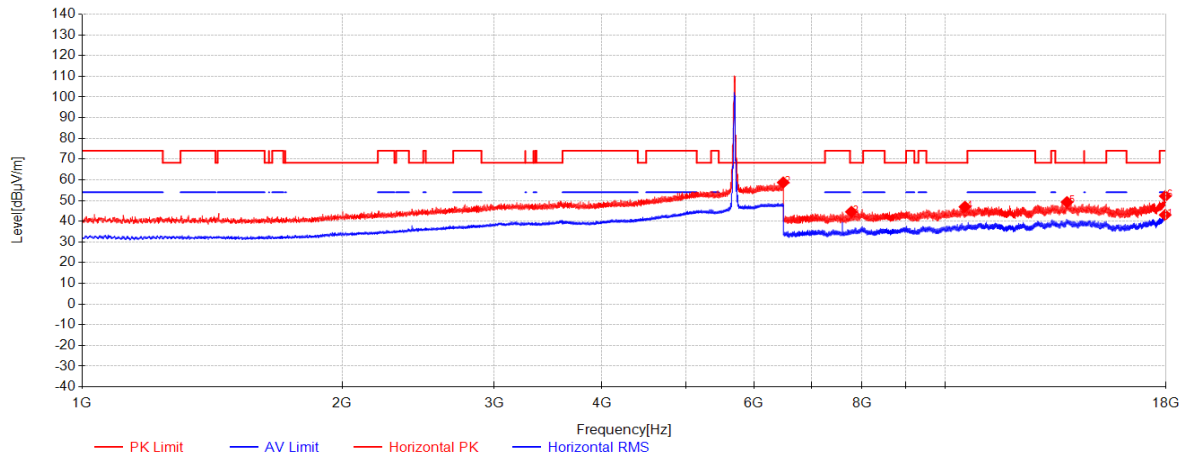
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7440.3167	49.83	36.30	-42.03	44.10	54.00	9.90	Horizontal
2	17926.0167	32.68	41.49	-31.08	43.09	54.00	10.91	Horizontal
3	6445.4583	39.33	35.39	-16.66	58.06	68.20	10.14	Horizontal
4	7439.9333	53.24	36.30	-42.03	47.51	74.00	26.49	Horizontal
5	9934.6667	45.51	38.09	-37.46	46.15	68.20	22.05	Horizontal
6	12703.1	42.79	39.54	-34.44	47.89	68.20	20.31	Horizontal
7	17985.8167	39.85	41.66	-30.96	50.55	74.00	23.45	Horizontal

11ax(HE20)_TX_CH_116_Vertical



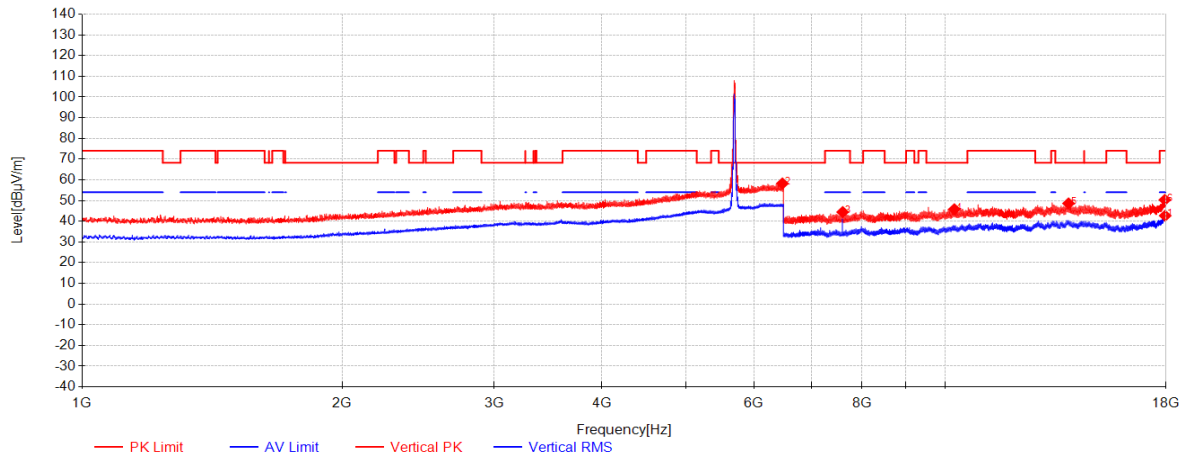
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7440.3167	51.62	36.30	-42.03	45.89	54.00	8.11	Vertical
2	17957.8333	32.24	41.58	-31.01	42.80	54.00	11.20	Vertical
3	6250.2083	40.01	35.00	-16.93	58.08	68.20	10.12	Vertical
4	7439.9333	54.15	36.30	-42.03	48.42	74.00	25.58	Vertical
5	9600.0167	46.77	38.06	-38.22	46.61	68.20	21.59	Vertical
6	12769.8	42.82	39.62	-34.67	47.77	68.20	20.43	Vertical
7	17980.8333	39.71	41.64	-30.97	50.39	74.00	23.61	Vertical

11ax(HE20)_TX_CH_140_Horizontal



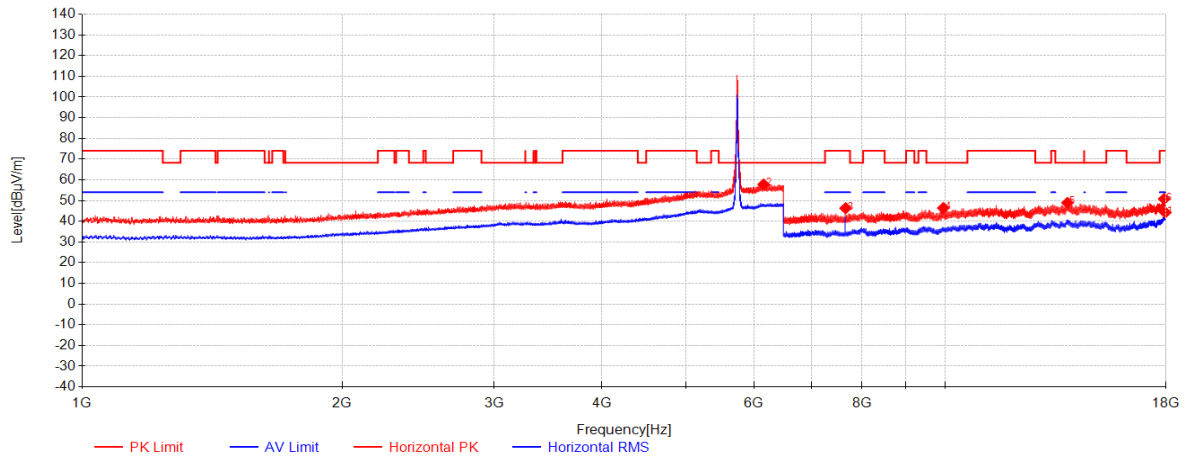
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.75	32.50	41.58	-31.01	43.07	54.00	10.93	Horizontal
2	6485.3333	39.97	35.47	-16.73	58.72	68.20	9.48	Horizontal
3	7778.8	48.85	36.86	-41.17	44.54	68.20	23.66	Horizontal
4	10528.0667	44.73	38.73	-36.50	46.97	68.20	21.23	Horizontal
5	13823.5833	43.77	40.31	-34.83	49.25	68.20	18.95	Horizontal
6	17964.7333	41.54	41.60	-31.00	52.14	74.00	21.86	Horizontal

11ax(HE20)_TX_CH_140_Verical



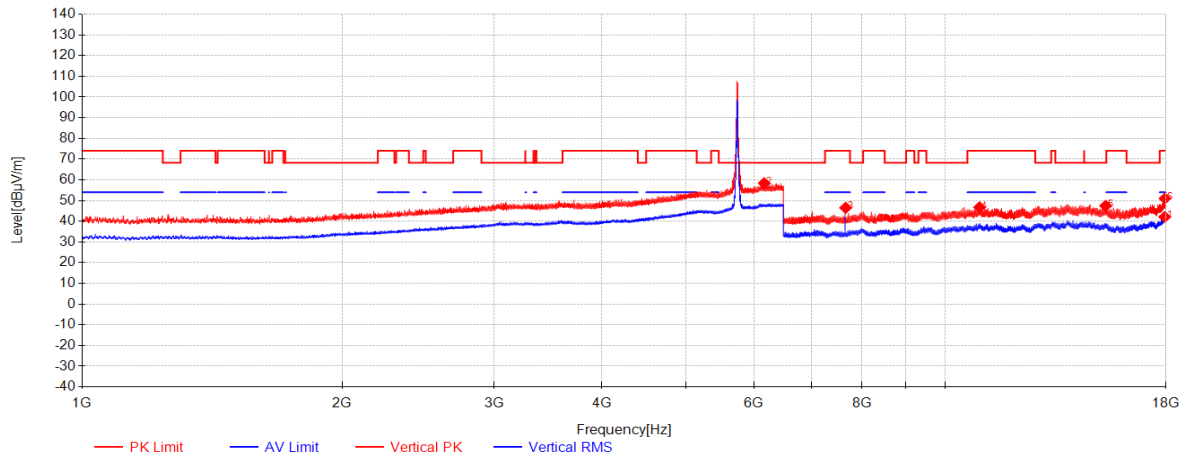
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.75	32.12	41.58	-31.01	42.69	54.00	11.31	Vertical
2	6471.125	39.50	35.44	-16.70	58.24	68.20	9.96	Vertical
3	7599.7833	49.73	36.50	-41.80	44.43	74.00	29.57	Vertical
4	10234.8167	43.96	38.38	-36.57	45.77	68.20	22.43	Vertical
5	13879.9333	42.33	40.34	-34.07	48.60	68.20	19.60	Vertical
6	17944.4167	39.84	41.54	-31.04	50.34	74.00	23.66	Vertical

11ax(HE20)_TX_CH_149_Horizontal



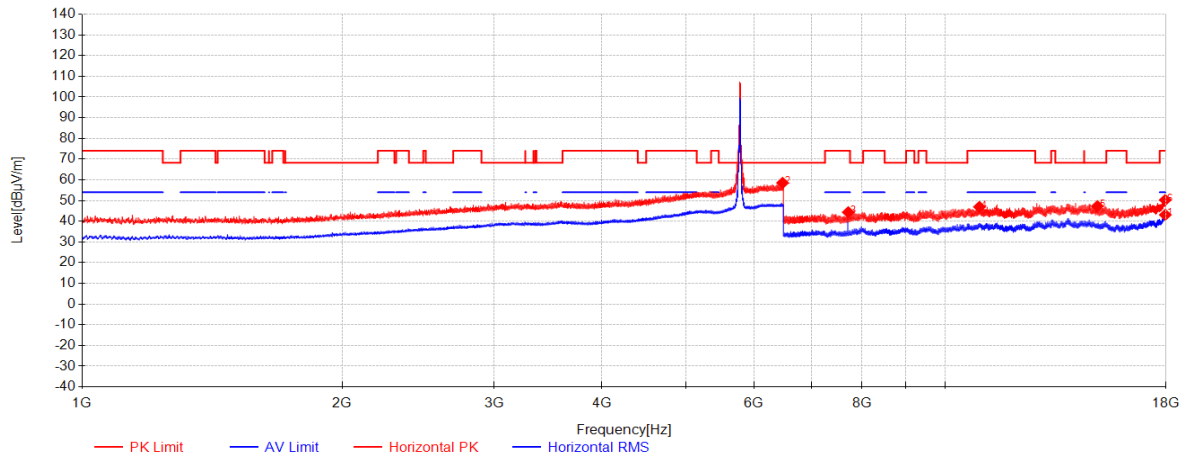
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17968.1833	33.60	41.61	-30.99	44.21	54.00	9.79	Horizontal
2	6155.3333	39.70	34.81	-16.75	57.76	68.20	10.44	Horizontal
3	7659.5833	51.45	36.62	-41.75	46.32	74.00	27.68	Horizontal
4	9939.65	45.74	38.09	-37.44	46.39	68.20	21.81	Horizontal
5	13842.3667	43.17	40.32	-34.58	48.91	68.20	19.29	Horizontal
6	17913.3667	40.43	41.45	-31.10	50.78	74.00	23.22	Horizontal

11ax(HE20)_TX_CH_149_Verical



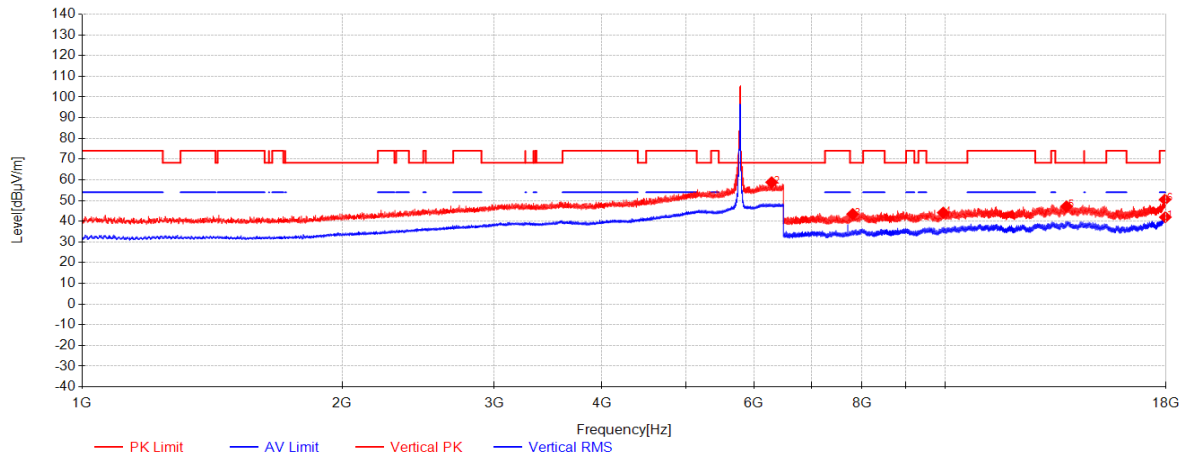
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17939.8167	31.60	41.53	-31.05	42.08	54.00	11.92	Vertical
2	6164.9583	40.29	34.83	-16.76	58.36	68.20	9.84	Vertical
3	7659.9667	51.62	36.62	-41.75	46.49	74.00	27.51	Vertical
4	10948.2	43.59	39.24	-36.10	46.73	74.00	27.27	Vertical
5	15324.3333	41.51	39.22	-33.25	47.47	68.20	20.73	Vertical
6	17949.7833	40.47	41.55	-31.03	50.99	74.00	23.01	Vertical

11ax(HE20)_TX_CH_157_Horizontal



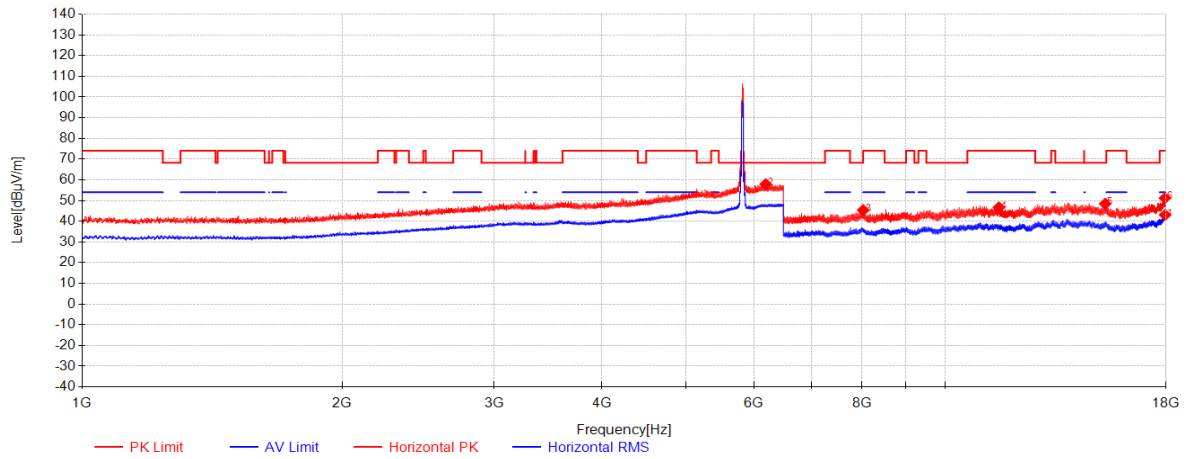
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17967.8	32.49	41.61	-30.99	43.10	54.00	10.90	Horizontal
2	6474.3333	39.79	35.45	-16.71	58.53	68.20	9.67	Horizontal
3	7713.6333	49.25	36.73	-41.62	44.36	74.00	29.64	Horizontal
4	10943.6	43.82	39.23	-36.11	46.94	74.00	27.06	Horizontal
5	14987	41.59	39.81	-34.13	47.27	68.20	20.93	Horizontal
6	17963.5833	39.70	41.59	-31.00	50.29	74.00	23.71	Horizontal

11ax(HE20)_TX_CH_157_Verical



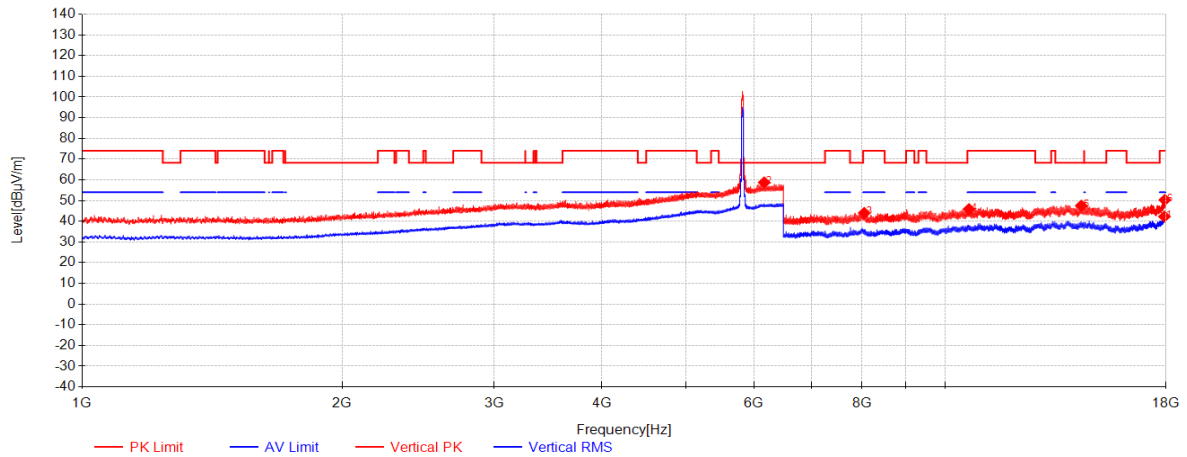
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17967.8	31.36	41.61	-30.99	41.97	54.00	12.03	Vertical
2	6288.25	40.74	35.08	-17.01	58.80	68.20	9.40	Vertical
3	7804.8667	47.59	36.91	-41.04	43.46	68.20	24.74	Vertical
4	9936.9667	43.52	38.09	-37.45	44.16	68.20	24.04	Vertical
5	13805.5667	41.94	40.30	-35.07	47.17	68.20	21.03	Vertical
6	17951.3167	39.92	41.56	-31.03	50.45	74.00	23.55	Vertical

11ax(HE20)_TX_CH_165_Horizontal



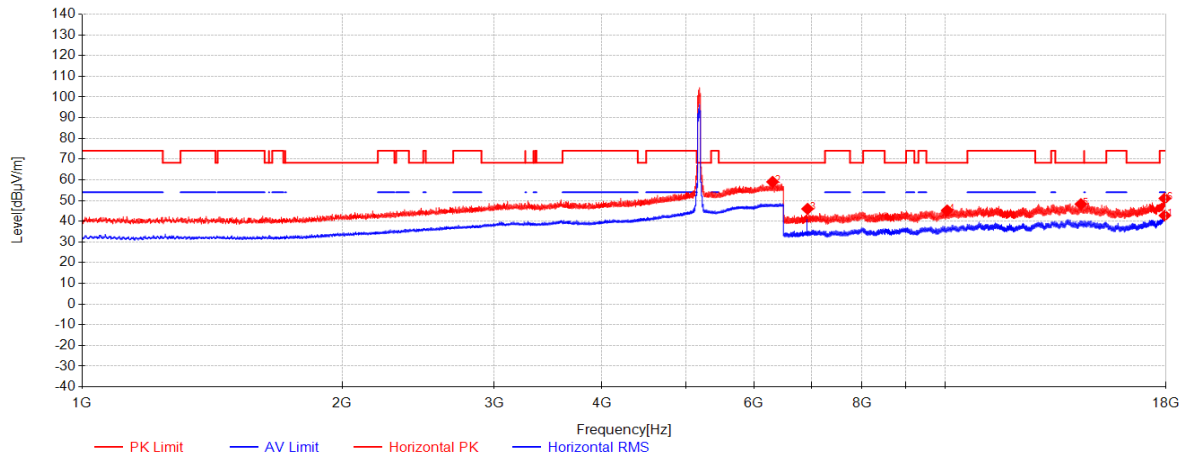
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17957.45	32.51	41.58	-31.02	43.07	54.00	10.93	Horizontal
2	6188.7917	39.80	34.88	-16.80	57.88	68.20	10.32	Horizontal
3	8026.8167	49.17	37.32	-41.14	45.35	74.00	28.65	Horizontal
4	11526.65	43.37	38.98	-35.68	46.67	74.00	27.33	Horizontal
5	15305.1667	42.31	39.25	-33.11	48.45	68.20	19.75	Horizontal
6	17952.0833	40.68	41.56	-31.03	51.22	74.00	22.78	Horizontal

11ax(HE20)_TX_CH_165_Verical



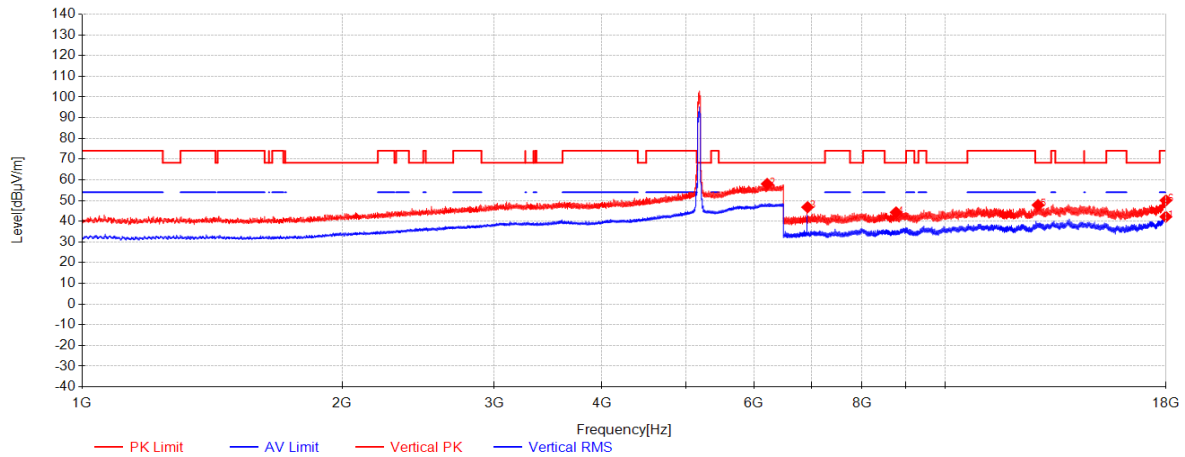
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17924.1	31.87	41.48	-31.08	42.27	54.00	11.73	Vertical
2	6164.9583	40.65	34.83	-16.76	58.72	68.20	9.48	Vertical
3	8049.05	47.77	37.33	-41.11	44.00	74.00	30.00	Vertical
4	10644.2167	43.29	38.87	-36.33	45.84	74.00	28.16	Vertical
5	14362.9333	41.55	40.18	-34.21	47.52	68.20	20.68	Vertical
6	17943.65	39.81	41.54	-31.04	50.30	74.00	23.70	Vertical

11ax(HE40)_TX_CH_38_Horizontal



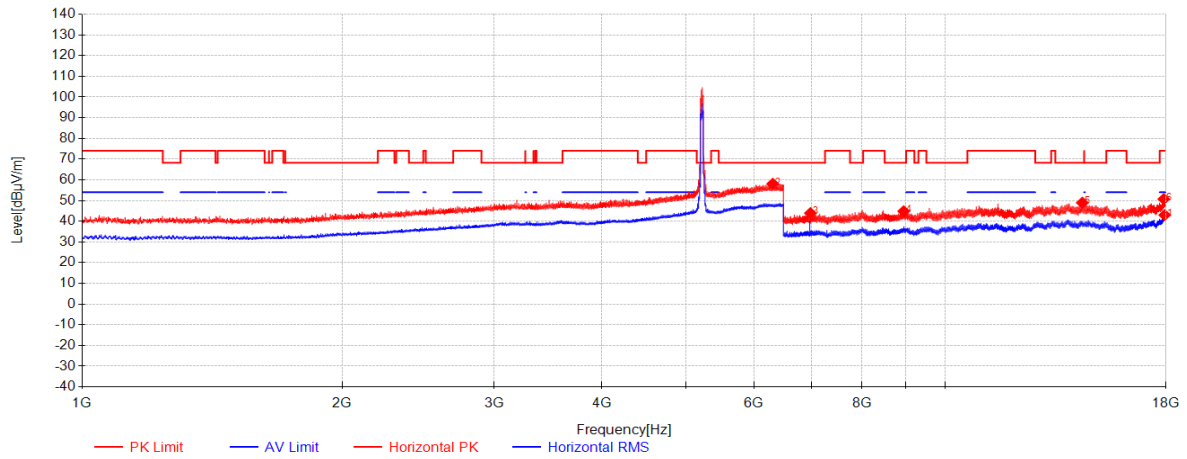
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17944.4167	32.26	41.54	-31.04	42.76	54.00	11.24	Horizontal
2	6303.8333	40.94	35.11	-17.02	59.03	68.20	9.17	Horizontal
3	6920.1333	52.45	36.17	-42.63	45.99	68.20	22.21	Horizontal
4	10042	44.45	38.15	-37.38	45.22	68.20	22.98	Horizontal
5	14344.9167	42.49	40.19	-34.43	48.26	68.20	19.94	Horizontal
6	17944.0333	40.51	41.54	-31.04	51.01	74.00	22.99	Horizontal

11ax(HE40)_TX_CH_38_Vertical



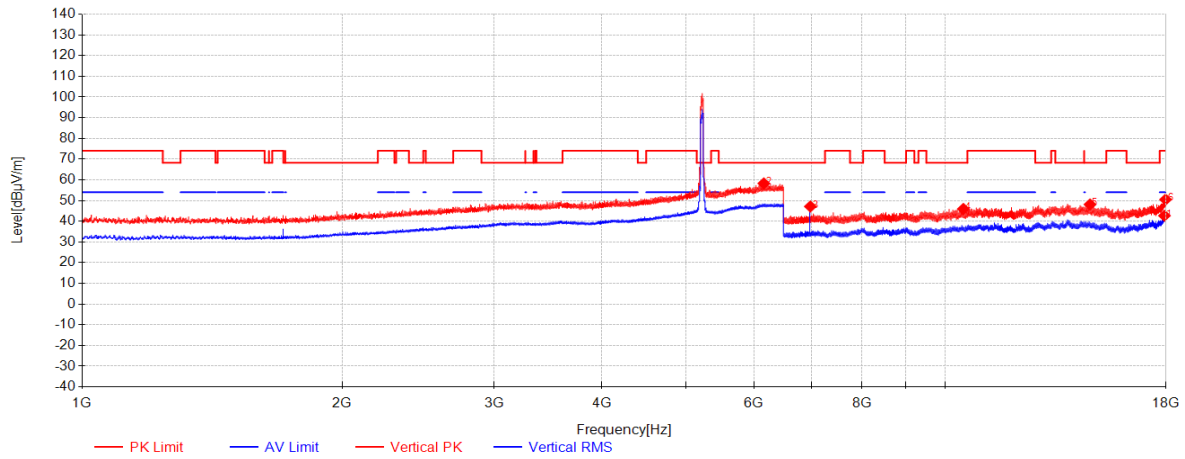
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17993.4833	31.45	41.68	-30.94	42.19	54.00	11.81	Vertical
2	6213.0833	39.93	34.93	-16.84	58.02	68.20	10.18	Vertical
3	6919.75	53.24	36.17	-42.63	46.78	68.20	21.42	Vertical
4	8763.2	46.22	37.83	-39.76	44.30	68.20	23.90	Vertical
5	12795.4833	42.92	39.65	-34.76	47.81	68.20	20.39	Vertical
6	17995.4	39.34	41.69	-30.94	50.09	74.00	23.91	Vertical

11ax(HE40)_TX_CH_46_Horizontal



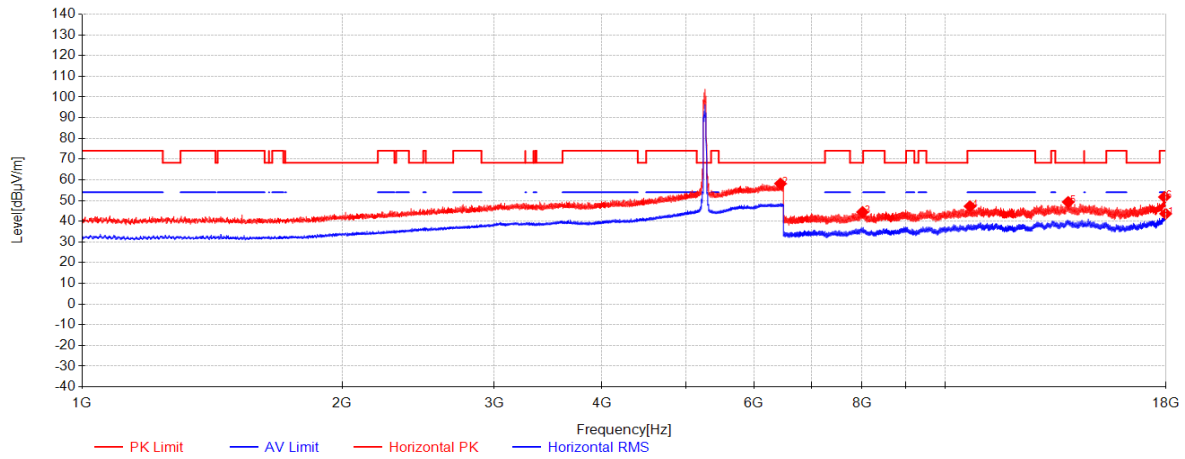
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17937.5167	32.55	41.52	-31.05	43.01	54.00	10.99	Horizontal
2	6307.5	39.97	35.11	-17.01	58.08	68.20	10.12	Horizontal
3	6973.4167	50.29	36.26	-42.63	43.92	68.20	24.28	Horizontal
4	8941.8333	46.35	37.96	-39.48	44.83	68.20	23.37	Horizontal
5	14399.35	42.55	40.16	-33.77	48.94	68.20	19.26	Horizontal
6	17896.1167	40.46	41.40	-31.16	50.70	74.00	23.30	Horizontal

11ax(HE40)_TX_CH_46_Verical



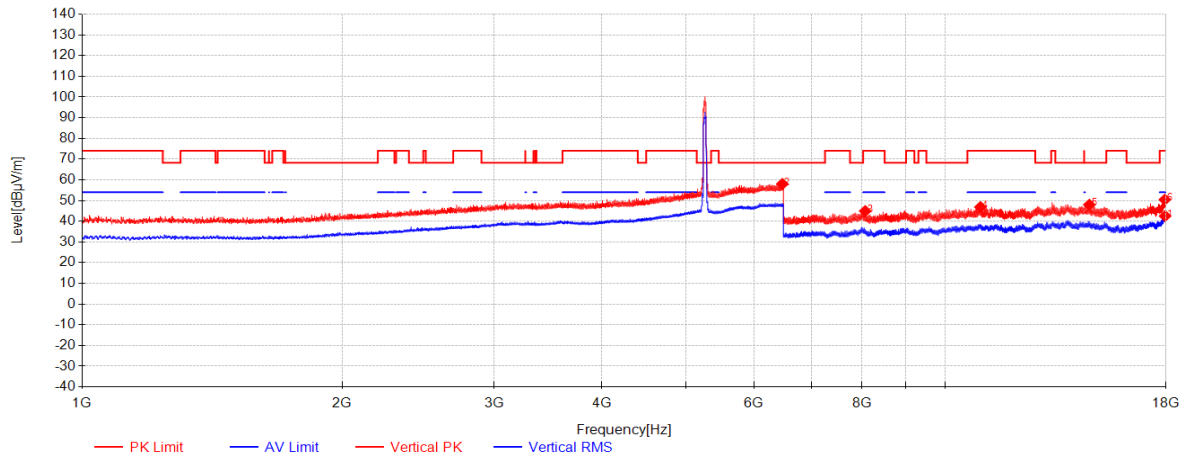
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17924.8667	32.28	41.48	-31.08	42.68	54.00	11.32	Vertical
2	6158.0833	40.20	34.82	-16.76	58.26	68.20	9.94	Vertical
3	6973.0333	53.51	36.26	-42.63	47.14	68.20	21.06	Vertical
4	10484.3667	43.73	38.68	-36.46	45.95	68.20	22.25	Vertical
5	14697.5833	41.97	39.98	-33.85	48.10	68.20	20.10	Vertical
6	17980.0667	39.81	41.64	-30.97	50.48	74.00	23.52	Vertical

11ax(HE40)_TX_CH_54_Horizontal



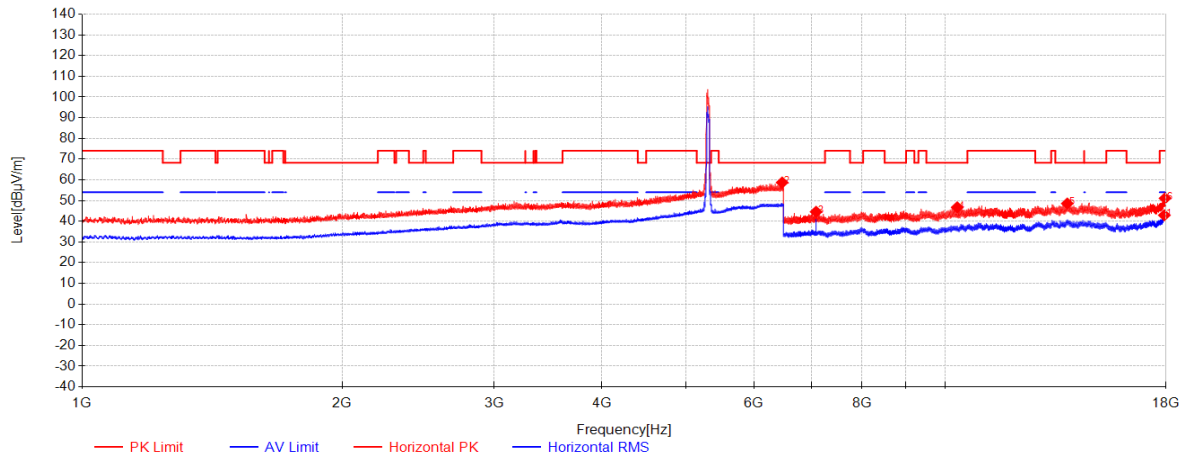
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17981.9833	32.94	41.65	-30.97	43.62	54.00	10.38	Horizontal
2	6437.6667	39.43	35.38	-16.64	58.16	68.20	10.04	Horizontal
3	8013.4	48.28	37.31	-41.16	44.43	68.20	23.77	Horizontal
4	10672.5833	44.42	38.91	-36.10	47.22	74.00	26.78	Horizontal
5	13866.5167	43.21	40.33	-34.25	49.29	68.20	18.91	Horizontal
6	17925.25	41.30	41.48	-31.08	51.70	74.00	22.30	Horizontal

11ax(HE40)_TX_CH_54_Vertical



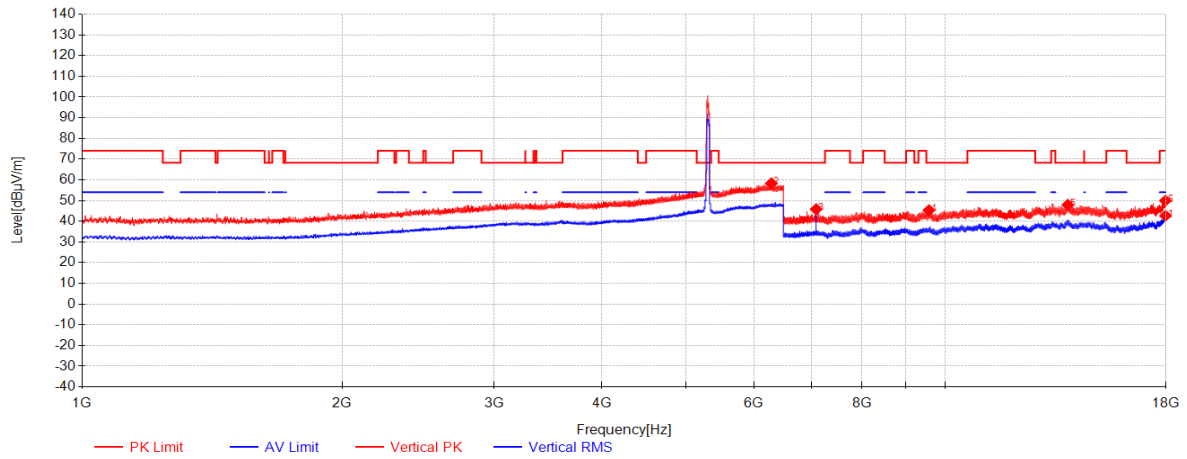
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17956.3	31.97	41.57	-31.02	42.53	54.00	11.47	Vertical
2	6470.2083	39.27	35.44	-16.70	58.01	68.20	10.19	Vertical
3	8070.9	48.63	37.35	-41.07	44.91	74.00	29.09	Vertical
4	10973.5	43.62	39.27	-36.05	46.84	74.00	27.16	Vertical
5	14671.9	42.01	40.00	-34.03	47.97	68.20	20.23	Vertical
6	17944.4167	39.95	41.54	-31.04	50.45	74.00	23.55	Vertical

11ax(HE40)_TX_CH_62_Horizontal



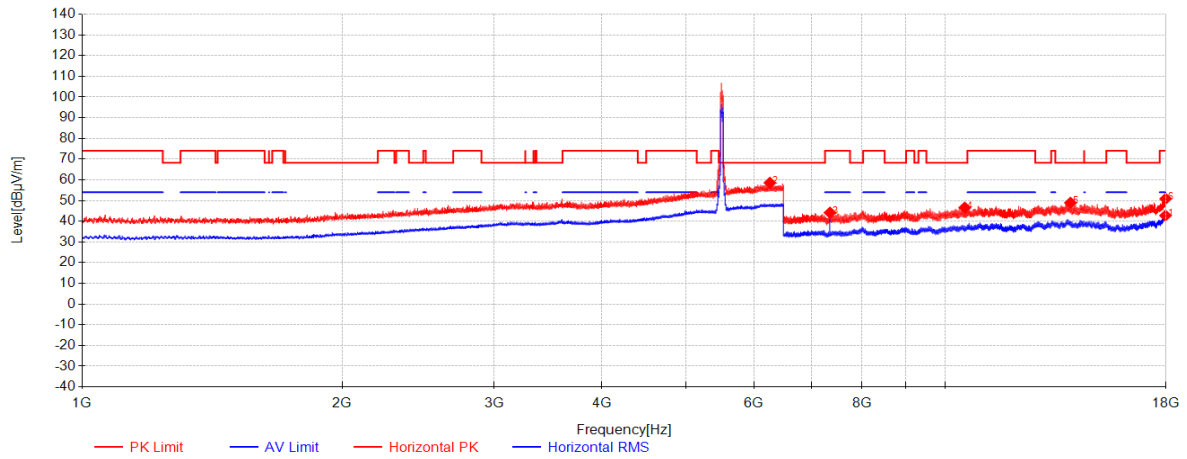
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17920.2667	32.53	41.47	-31.09	42.91	54.00	11.09	Horizontal
2	6467	39.97	35.43	-16.69	58.71	68.20	9.49	Horizontal
3	7079.9833	50.77	36.30	-42.51	44.56	68.20	23.64	Horizontal
4	10314.55	45.37	38.48	-37.12	46.72	68.20	21.48	Horizontal
5	13834.7	42.91	40.32	-34.68	48.55	68.20	19.65	Horizontal
6	17954.3833	40.53	41.57	-31.02	51.08	74.00	22.92	Horizontal

11ax(HE40)_TX_CH_62_Vertical



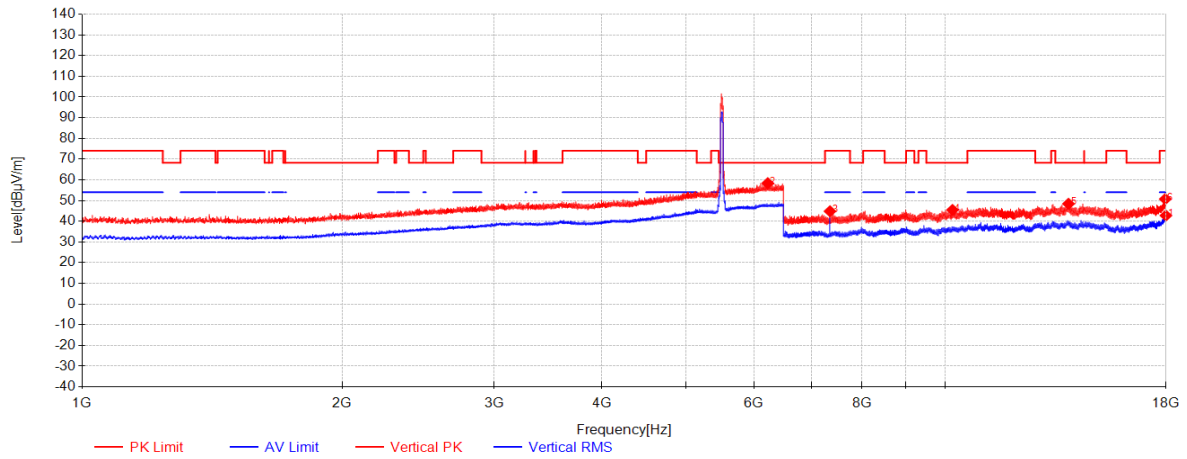
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17976.6167	32.00	41.63	-30.98	42.66	54.00	11.34	Vertical
2	6282.75	40.26	35.07	-17.00	58.33	68.20	9.87	Vertical
3	7079.9833	52.01	36.30	-42.51	45.80	68.20	22.40	Vertical
4	9564.75	45.56	38.06	-38.32	45.30	68.20	22.90	Vertical
5	13853.1	42.03	40.33	-34.43	47.92	68.20	20.28	Vertical
6	17972.0167	39.29	41.62	-30.99	49.92	74.00	24.08	Vertical

11ax(HE40)_TX_CH_102_Horizontal



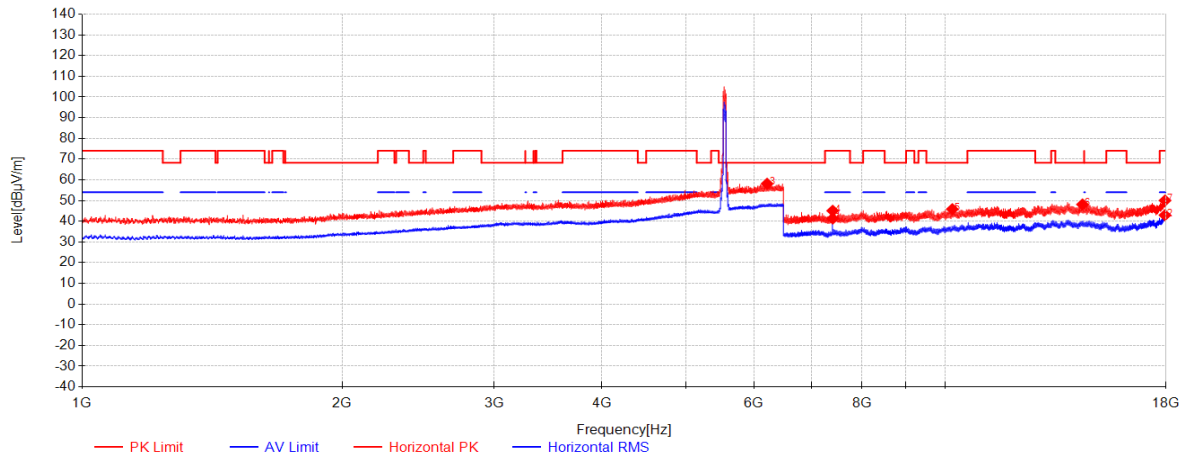
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17976.6167	32.10	41.63	-30.98	42.76	54.00	11.24	Horizontal
2	6259.375	40.49	35.02	-16.95	58.56	68.20	9.64	Horizontal
3	7346.4	49.93	36.30	-42.09	44.14	74.00	29.86	Horizontal
4	10523.4667	44.32	38.73	-36.49	46.56	68.20	21.64	Horizontal
5	13951.6167	43.23	40.38	-34.69	48.92	68.20	19.28	Horizontal
6	17983.9	40.17	41.65	-30.96	50.86	74.00	23.14	Horizontal

11ax(HE40)_TX_CH_102_Vertical



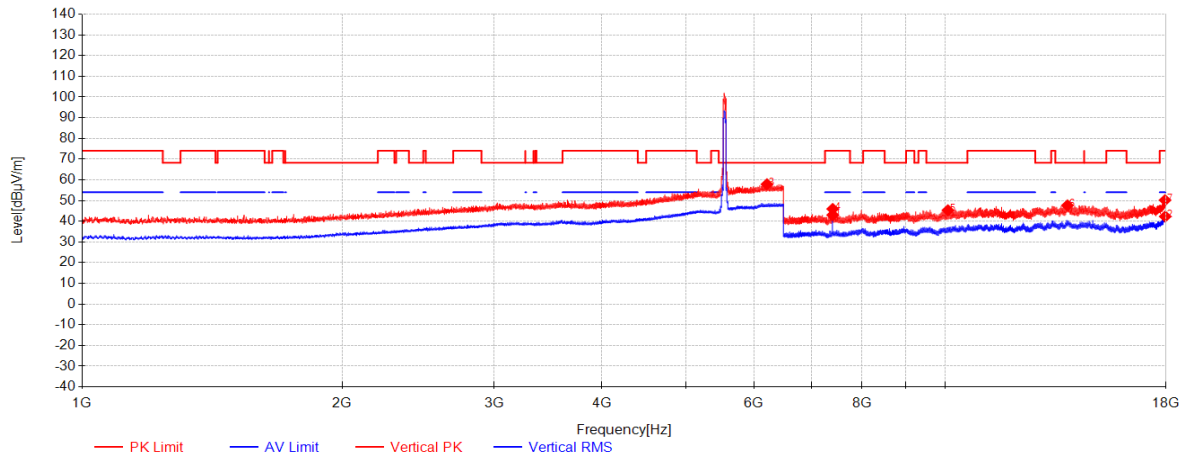
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17993.8667	32.02	41.68	-30.94	42.76	54.00	11.24	Vertical
2	6223.625	40.28	34.95	-16.86	58.36	68.20	9.84	Vertical
3	7346.7833	50.61	36.30	-42.09	44.82	74.00	29.18	Vertical
4	10185.75	43.55	38.32	-36.41	45.46	68.20	22.74	Vertical
5	13878.4	42.17	40.34	-34.09	48.42	68.20	19.78	Vertical
6	17967.4167	40.11	41.61	-31.00	50.72	74.00	23.28	Vertical

11ax(HE40)_TX_CH_110_Horizontal



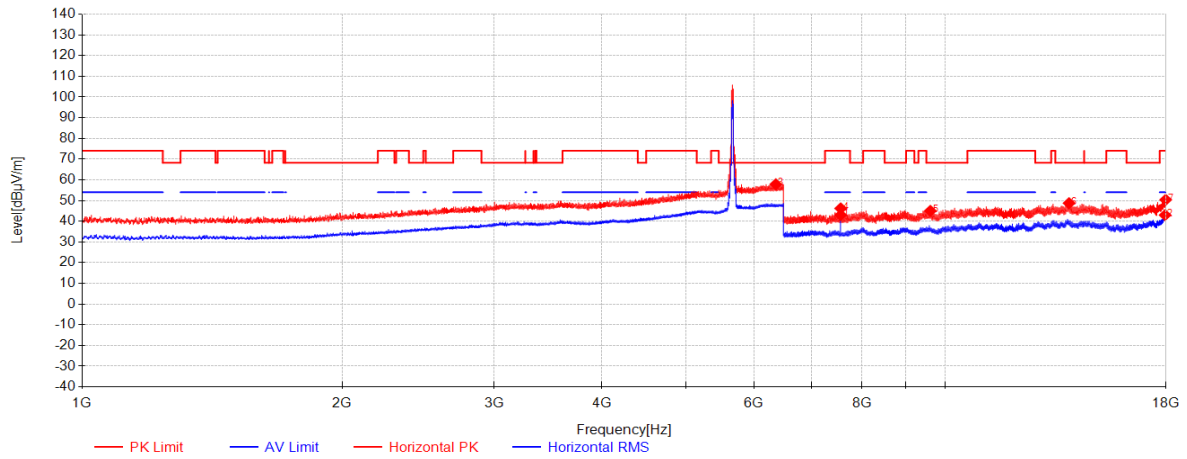
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7400.45	47.04	36.30	-42.03	41.31	54.00	12.69	Horizontal
2	17951.3167	32.42	41.56	-31.03	42.95	54.00	11.05	Horizontal
3	6212.625	40.03	34.93	-16.84	58.12	68.20	10.08	Horizontal
4	7400.0667	50.81	36.30	-42.03	45.08	74.00	28.92	Horizontal
5	10181.15	43.99	38.32	-36.47	45.84	68.20	22.36	Horizontal
6	14405.1	41.76	40.16	-33.81	48.10	68.20	20.10	Horizontal
7	17953.2333	39.50	41.56	-31.02	50.04	74.00	23.96	Horizontal

11ax(HE40)_TX_CH_110_Verical



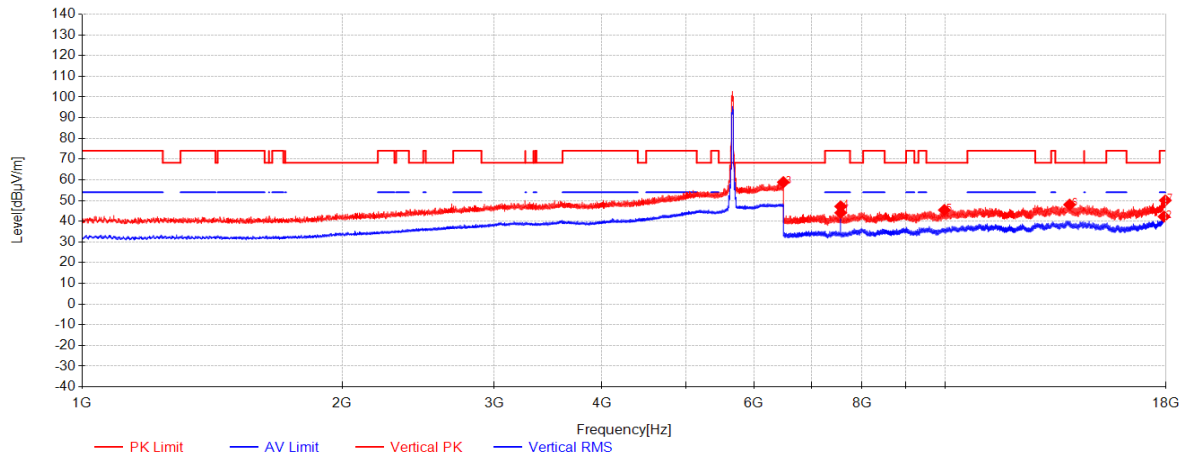
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7400.45	48.73	36.30	-42.03	43.00	54.00	11.00	Vertical
2	17963.9667	31.72	41.60	-31.00	42.31	54.00	11.69	Vertical
3	6209.875	39.78	34.92	-16.83	57.87	68.20	10.33	Vertical
4	7399.6833	51.67	36.30	-42.03	45.94	74.00	28.06	Vertical
5	10061.9333	44.54	38.17	-37.41	45.30	68.20	22.90	Vertical
6	13839.3	41.96	40.32	-34.62	47.66	68.20	20.54	Vertical
7	17954.3833	39.64	41.57	-31.02	50.19	74.00	23.81	Vertical

11ax(HE40)_TX_CH_134_Horizontal



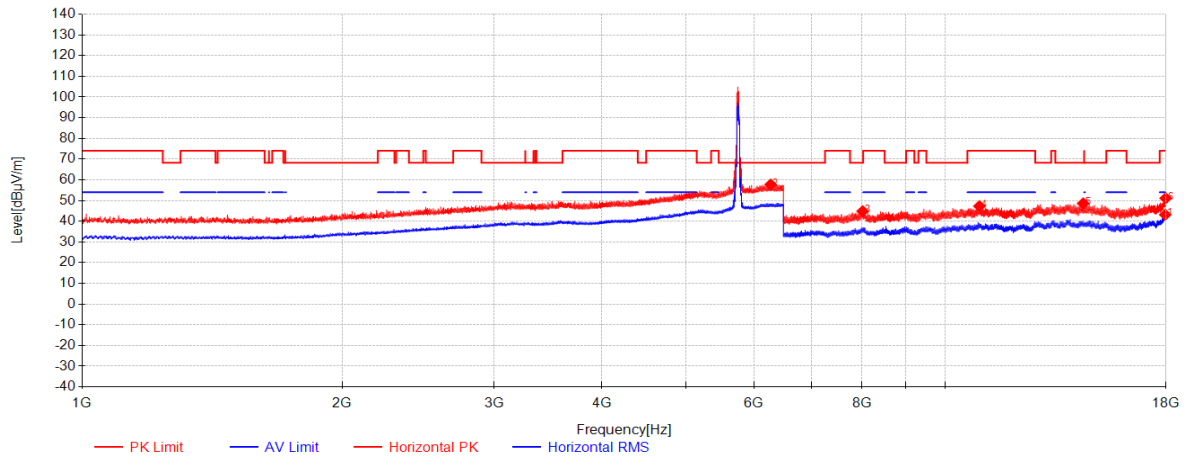
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7560.3	48.46	36.42	-41.90	42.99	54.00	11.01	Horizontal
2	17957.45	32.43	41.58	-31.02	42.99	54.00	11.01	Horizontal
3	6358.375	39.40	35.22	-16.77	57.85	68.20	10.35	Horizontal
4	7559.9167	51.67	36.42	-41.90	46.19	74.00	27.81	Horizontal
5	9601.9333	45.17	38.06	-38.21	45.02	68.20	23.18	Horizontal
6	13899.1	42.18	40.35	-33.81	48.72	68.20	19.48	Horizontal
7	17984.2833	39.69	41.65	-30.96	50.38	74.00	23.62	Horizontal

11ax(HE40)_TX_CH_134_Vertical



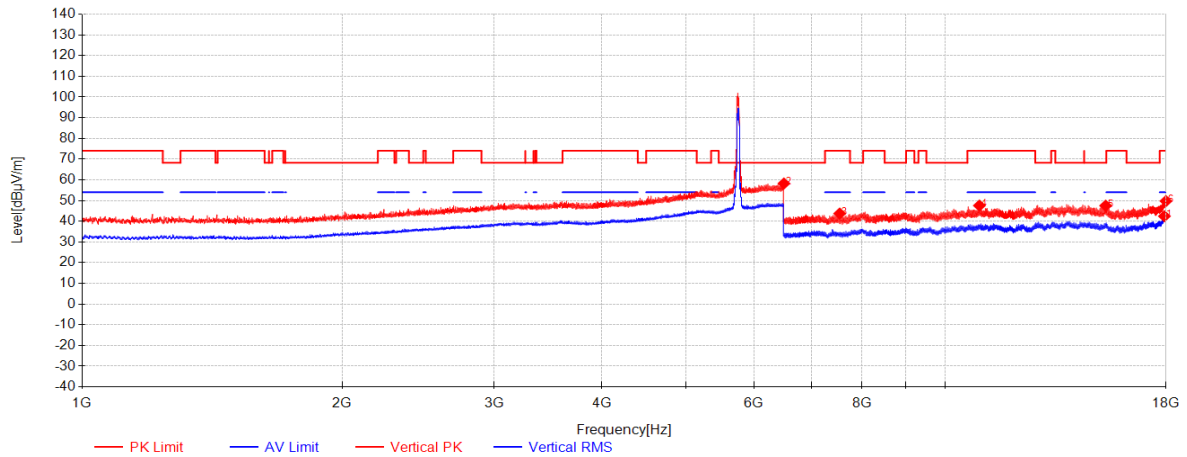
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7560.3	49.57	36.42	-41.90	44.10	54.00	9.90	Vertical
2	17904.1667	31.97	41.42	-31.12	42.27	54.00	11.73	Vertical
3	6488.0833	40.12	35.48	-16.73	58.87	68.20	9.33	Vertical
4	7559.9167	52.65	36.42	-41.90	47.17	74.00	26.83	Vertical
5	9966.1	44.69	38.10	-37.38	45.41	68.20	22.79	Vertical
6	13919.4167	41.76	40.36	-34.13	47.99	68.20	20.21	Vertical
7	17968.5667	39.47	41.61	-30.99	50.09	74.00	23.91	Vertical

11ax(HE40)_TX_CH_151_Horizontal



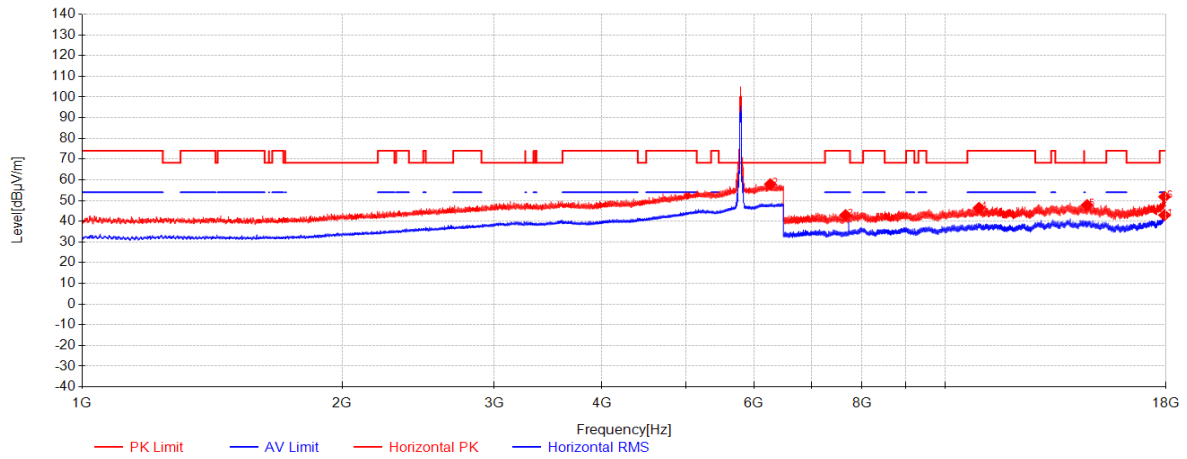
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17963.9667	32.56	41.60	-31.00	43.15	54.00	10.85	Horizontal
2	6271.75	39.62	35.04	-16.98	57.69	68.20	10.51	Horizontal
3	8015.3167	48.69	37.31	-41.16	44.84	68.20	23.36	Horizontal
4	10944.3667	44.14	39.23	-36.11	47.27	74.00	26.73	Horizontal
5	14433.85	42.59	40.14	-34.12	48.61	68.20	19.59	Horizontal
6	17985.8167	40.42	41.66	-30.96	51.12	74.00	22.88	Horizontal

11ax(HE40)_TX_CH_151_Verical



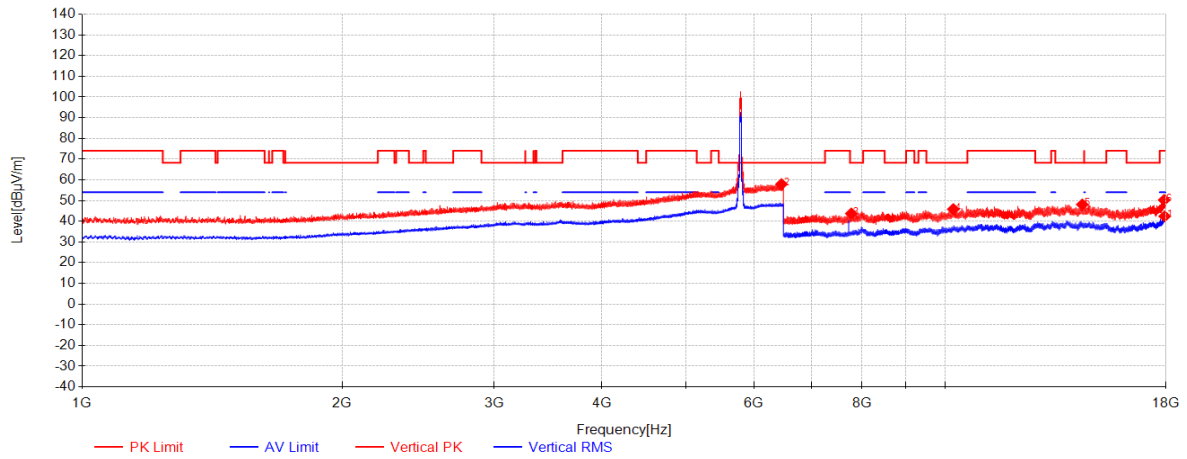
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17922.1833	32.05	41.47	-31.09	42.44	54.00	11.56	Vertical
2	6497.25	39.49	35.49	-16.75	58.24	68.20	9.96	Vertical
3	7539.9833	49.29	36.38	-41.94	43.73	74.00	30.27	Vertical
4	10942.8333	44.44	39.23	-36.11	47.56	74.00	26.44	Vertical
5	15322.4167	41.54	39.22	-33.24	47.52	68.20	20.68	Vertical
6	17996.9333	38.99	41.69	-30.94	49.74	74.00	24.26	Vertical

11ax(HE40)_TX_CH_159_Horizontal



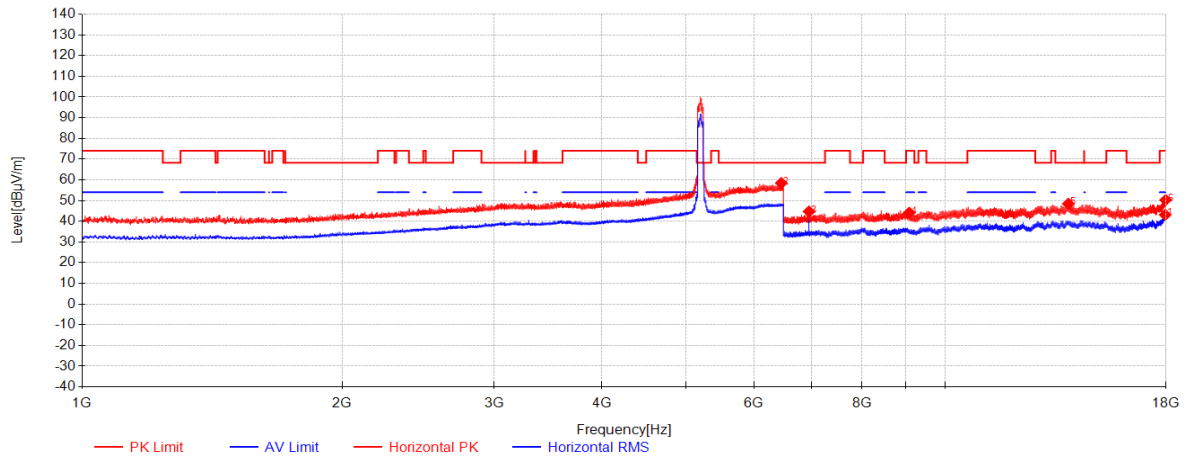
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17929.0833	32.54	41.49	-31.07	42.96	54.00	11.04	Horizontal
2	6265.3333	39.83	35.03	-16.96	57.90	68.20	10.30	Horizontal
3	7658.4333	48.08	36.62	-41.75	42.95	74.00	31.05	Horizontal
4	10930.5667	43.35	39.22	-36.14	46.43	74.00	27.57	Horizontal
5	14582.5833	42.36	40.05	-34.60	47.81	68.20	20.39	Horizontal
6	17928.7	41.38	41.49	-31.07	51.80	74.00	22.20	Horizontal

11ax(HE40)_TX_CH_159_Verical



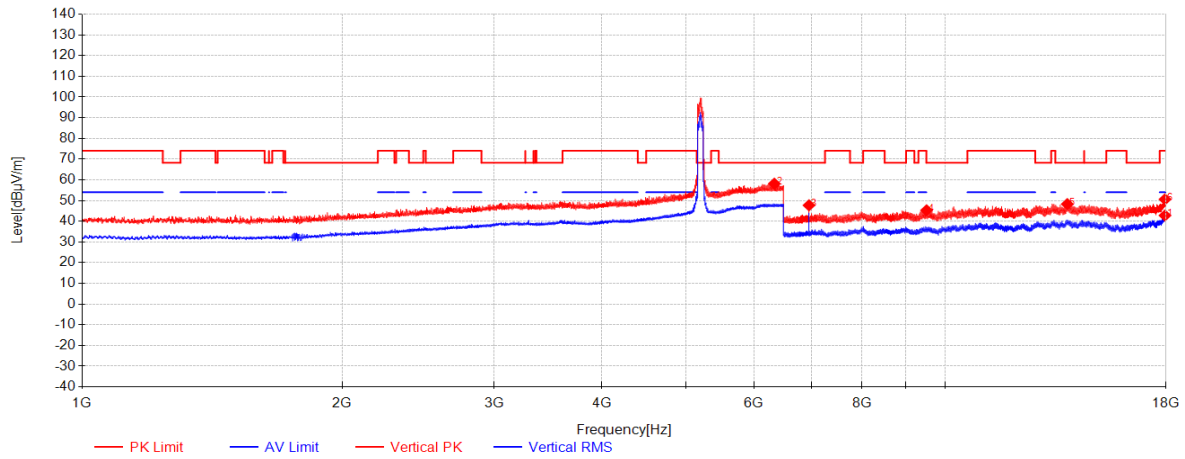
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17936.3667	31.92	41.52	-31.06	42.38	54.00	11.62	Vertical
2	6455.5417	39.15	35.41	-16.67	57.89	68.20	10.31	Vertical
3	7778.4167	48.03	36.86	-41.17	43.72	68.20	24.48	Vertical
4	10209.5167	43.79	38.35	-36.32	45.82	68.20	22.38	Vertical
5	14397.8167	41.70	40.16	-33.79	48.07	68.20	20.13	Vertical
6	17914.1333	39.91	41.45	-31.10	50.26	74.00	23.74	Vertical

11ax(HE80)_TX_CH_42_Horizontal



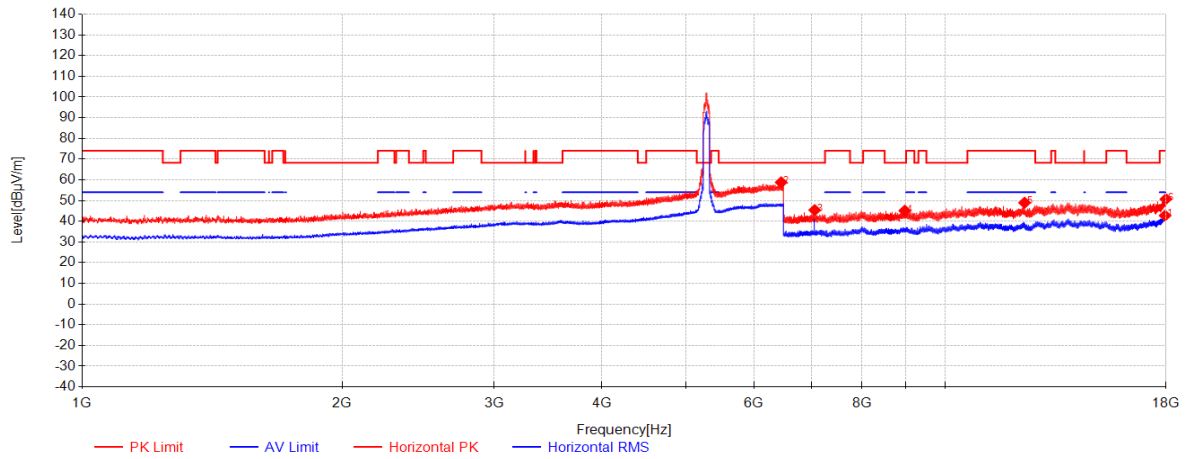
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17962.8167	32.51	41.59	-31.00	43.10	54.00	10.90	Horizontal
2	6452.3333	39.70	35.40	-16.67	58.44	68.20	9.76	Horizontal
3	6946.5833	51.11	36.21	-42.63	44.69	68.20	23.51	Horizontal
4	9075.2333	45.72	38.01	-39.59	44.14	74.00	29.86	Horizontal
5	13873.0333	42.26	40.34	-34.16	48.43	68.20	19.77	Horizontal
6	17983.5167	39.61	41.65	-30.96	50.30	74.00	23.70	Horizontal

11ax(HE80)_TX_CH_42_Vertical



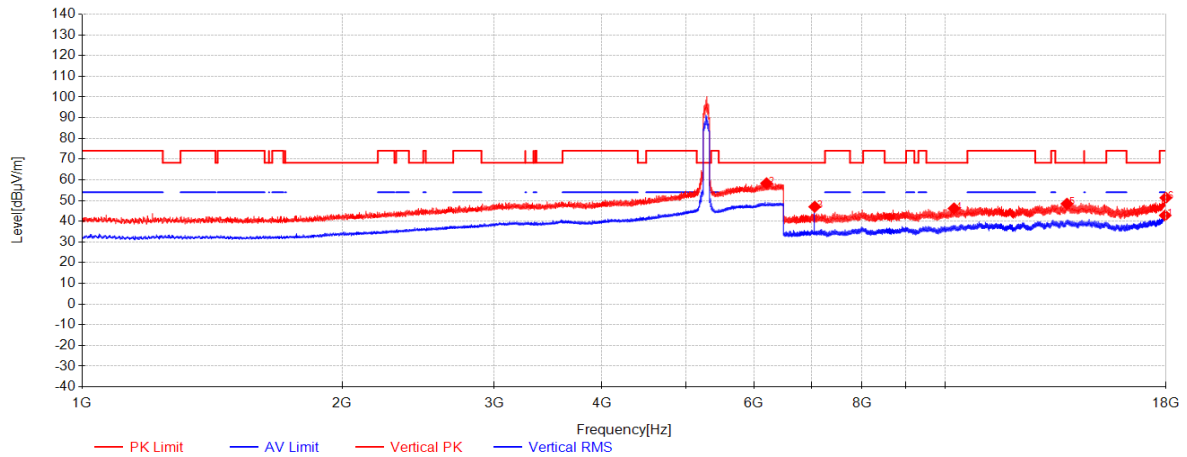
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17950.55	32.27	41.56	-31.03	42.80	54.00	11.20	Vertical
2	6333.1667	39.85	35.17	-16.89	58.13	68.20	10.07	Vertical
3	6946.5833	54.13	36.21	-42.63	47.71	68.20	20.49	Vertical
4	9504.5667	45.73	38.05	-38.48	45.30	68.20	22.90	Vertical
5	13833.9333	42.65	40.32	-34.69	48.28	68.20	19.92	Vertical
6	17954	40.05	41.57	-31.02	50.59	74.00	23.41	Vertical

11ax(HE80)_TX_CH_58_Horizontal



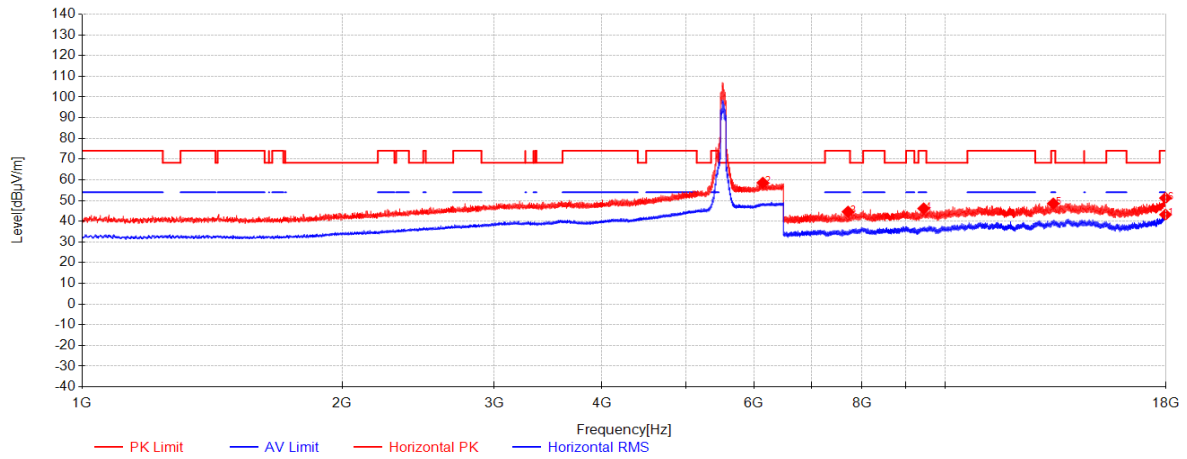
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17955.5333	32.19	41.57	-31.02	42.74	54.00	11.26	Horizontal
2	6449.125	40.06	35.40	-16.66	58.79	68.20	9.41	Horizontal
3	7053.15	51.63	36.30	-42.55	45.38	68.20	22.82	Horizontal
4	8967.9	46.51	37.98	-39.38	45.11	68.20	23.09	Horizontal
5	12345.0667	44.50	39.11	-34.67	48.94	74.00	25.06	Horizontal
6	17994.25	39.96	41.68	-30.94	50.70	74.00	23.30	Horizontal

11ax(HE80)_TX_CH_58_Vertical



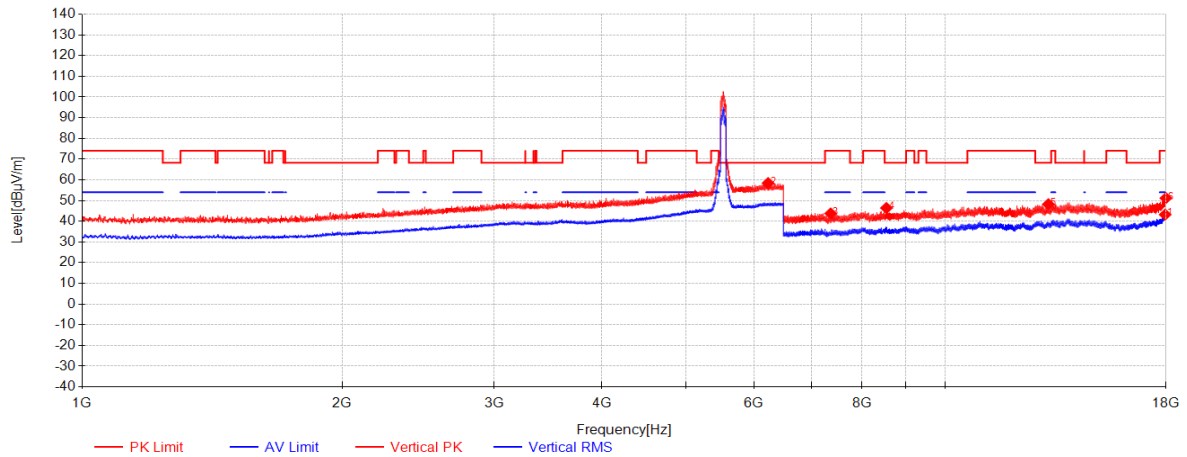
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17961.2833	32.23	41.59	-31.01	42.81	54.00	11.19	Vertical
2	6202.5417	40.24	34.91	-16.82	58.33	68.20	9.87	Vertical
3	7053.5333	53.25	36.30	-42.55	47.00	68.20	21.20	Vertical
4	10225.6167	44.29	38.37	-36.48	46.18	68.20	22.02	Vertical
5	13820.9	42.99	40.31	-34.87	48.43	68.20	19.77	Vertical
6	17992.7167	40.59	41.68	-30.94	51.32	74.00	22.68	Vertical

11ax(HE80)_TX_CH_106_Horizontal



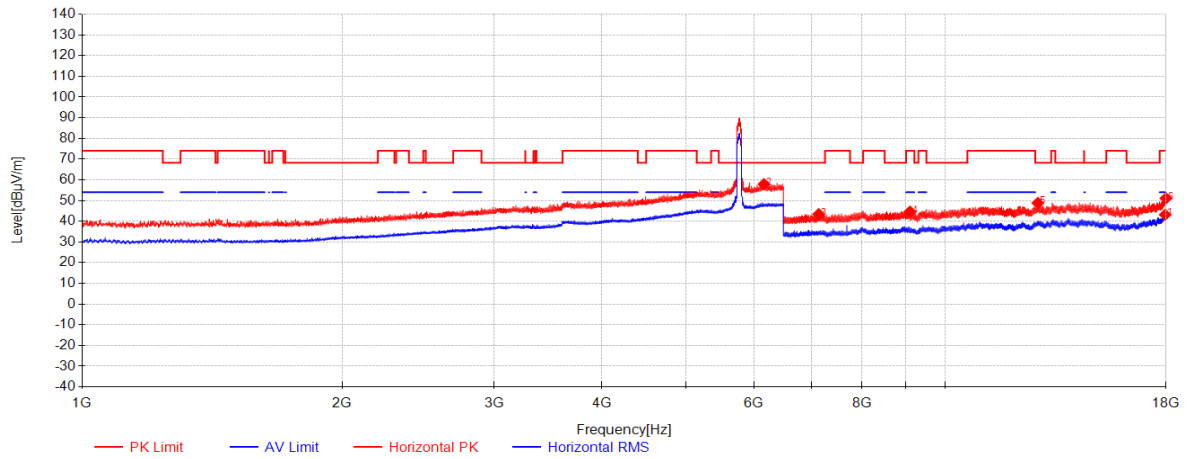
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17975.0833	32.54	41.63	-30.98	43.19	54.00	10.81	Horizontal
2	6141.5833	40.51	34.78	-16.73	58.56	68.20	9.64	Horizontal
3	7709.0333	49.53	36.72	-41.65	44.60	74.00	29.40	Horizontal
4	9431.7333	46.68	38.04	-38.58	46.14	74.00	27.86	Horizontal
5	13327.1667	43.07	40.06	-34.57	48.56	74.00	25.44	Horizontal
6	17975.0833	40.55	41.63	-30.98	51.20	74.00	22.80	Horizontal

11ax(HE80)_TX_CH_106_Verical



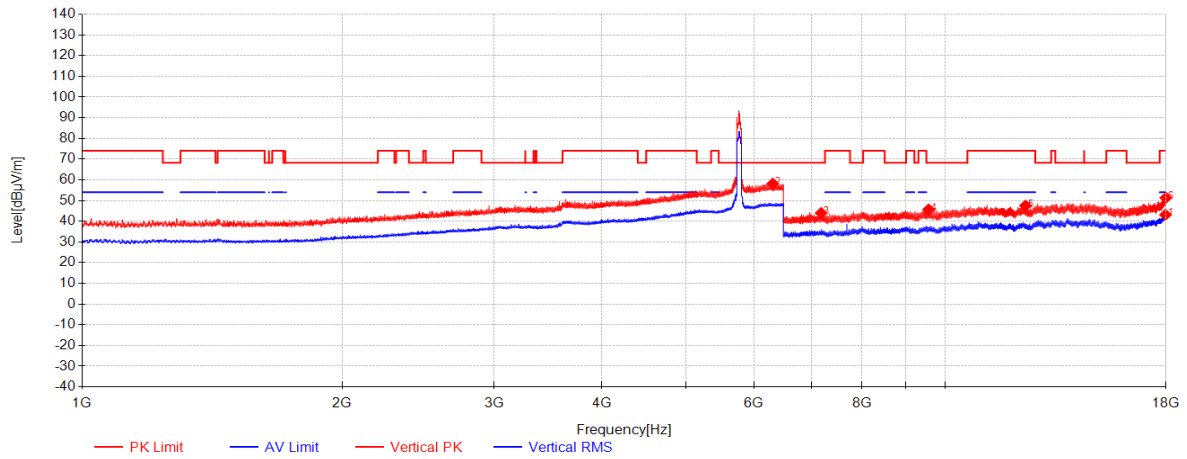
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17960.1333	32.65	41.58	-31.01	43.22	54.00	10.78	Vertical
2	6228.6667	40.34	34.96	-16.88	58.42	68.20	9.78	Vertical
3	7360.2	49.53	36.30	-42.07	43.76	74.00	30.24	Vertical
4	8539.7167	48.95	37.68	-40.25	46.38	68.20	21.82	Vertical
5	13154.2833	43.06	39.98	-34.84	48.20	68.20	20.00	Vertical
6	17994.6333	40.42	41.68	-30.94	51.16	74.00	22.84	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	17961.2833	32.57	41.59	-31.01	43.15	54.00	10.85	Horizontal
2	6161.2917	39.86	34.82	-16.76	57.92	68.20	10.28	Horizontal
3	7127.9	49.48	36.30	-42.35	43.43	68.20	24.77	Horizontal
4	9092.1	46.31	38.01	-39.66	44.65	74.00	29.35	Horizontal
5	12788.9667	43.90	39.65	-34.74	48.81	68.20	19.39	Horizontal
6	17998.85	40.30	41.70	-30.93	51.06	74.00	22.94	Horizontal

11ax(HE80)_TX_CH_155_Verical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17974.7	32.48	41.63	-30.98	43.13	54.00	10.87	Vertical
2	6306.5833	40.03	35.11	-17.01	58.13	68.20	10.07	Vertical
3	7175.4333	49.80	36.30	-42.13	43.97	68.20	24.23	Vertical
4	9557.0833	45.95	38.06	-38.34	45.67	68.20	22.53	Vertical
5	12374.5833	43.04	39.15	-34.67	47.52	74.00	26.48	Vertical
6	17993.4833	40.59	41.68	-30.94	51.33	74.00	22.67	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) Section 6.10.5

Measurement Distance: 3m

Limit:

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

*(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: 23 °C

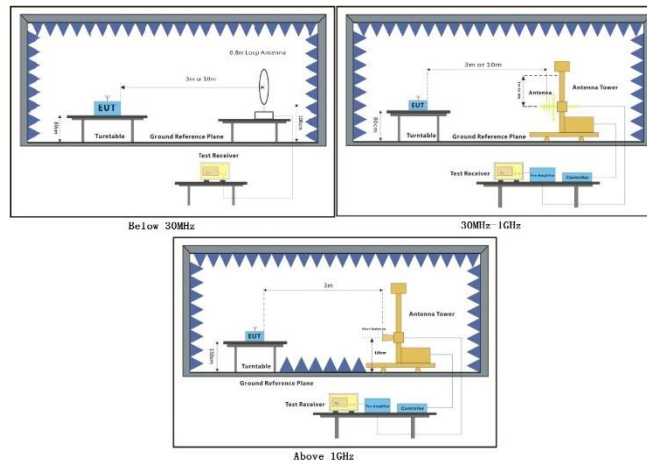
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

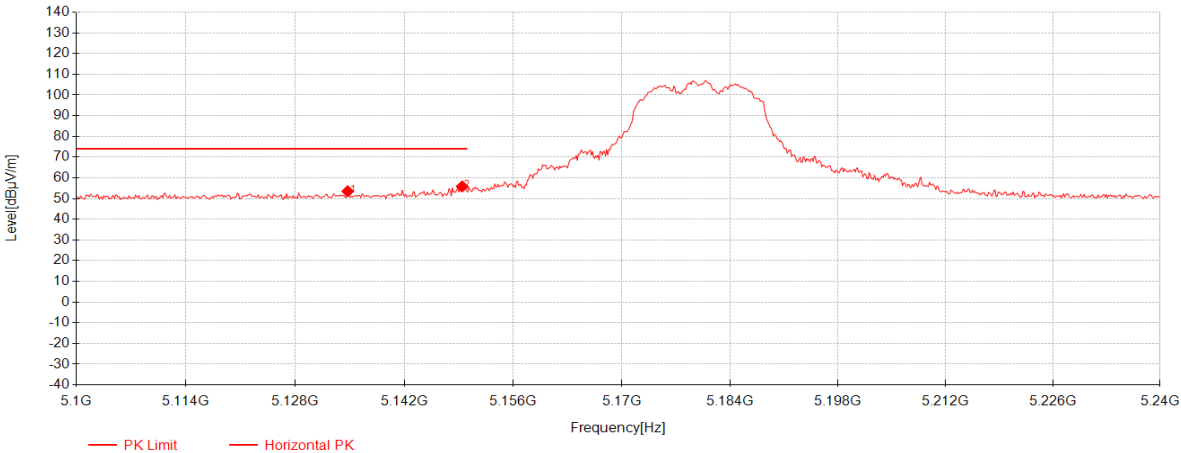
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

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

Remark 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

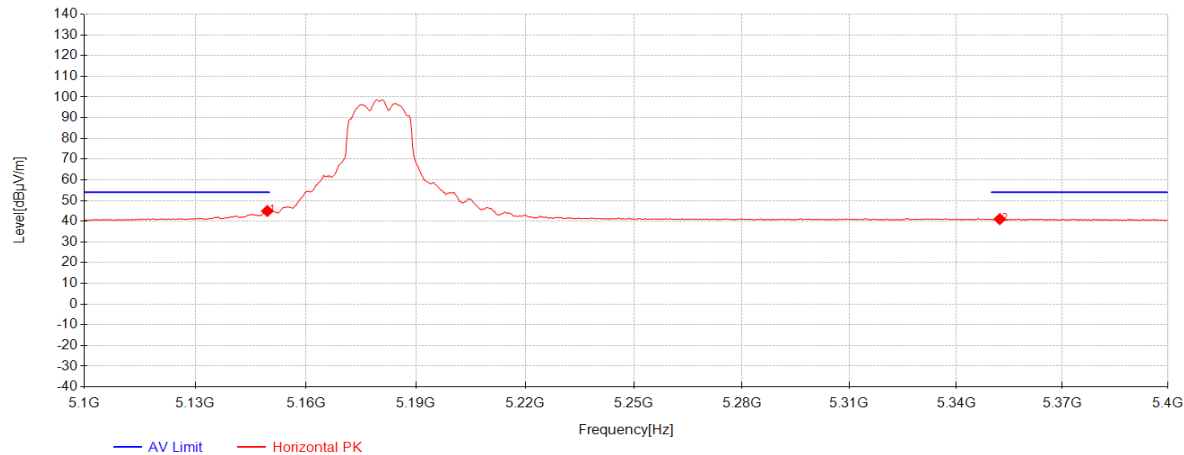
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



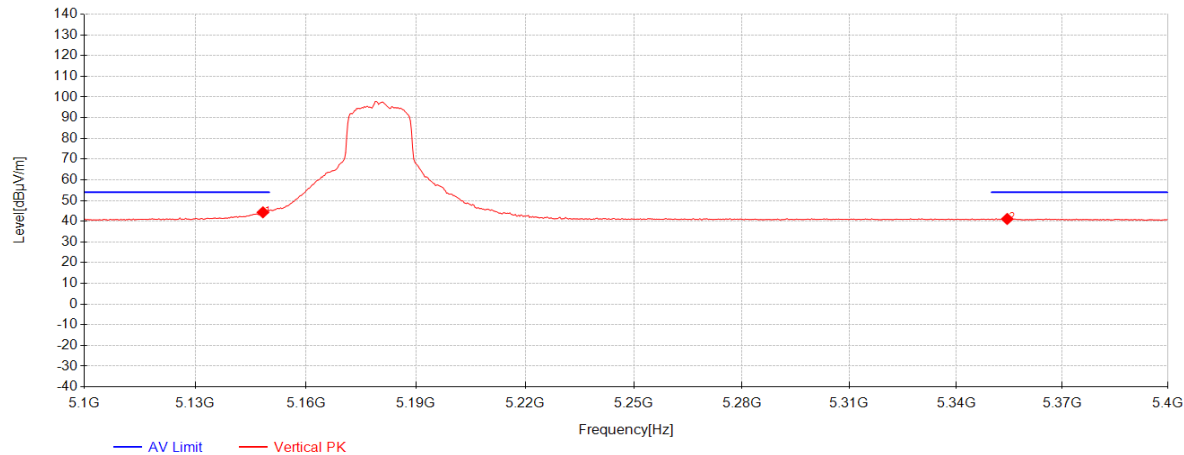
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5134.72	38.64	33.07	-18.23	53.49	74.00	20.51	Horizontal
2	5149.42	40.94	33.07	-18.18	55.83	74.00	18.17	Horizontal

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	5149.5	30.04	33.07	-18.18	44.93	54.00	9.07	Horizontal
2	5352.3	25.76	33.03	-17.75	41.04	54.00	12.96	Horizontal

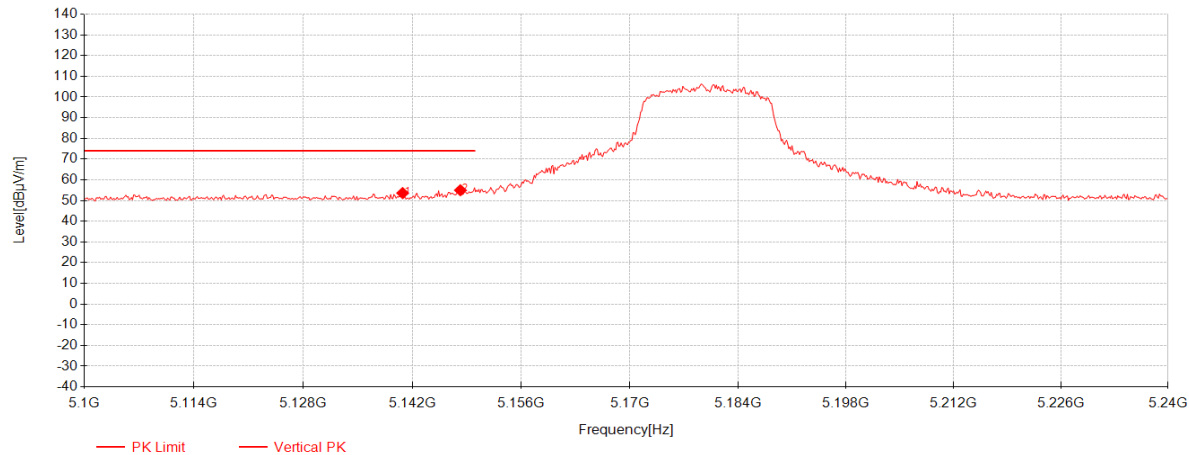
11a_TX_CH_36_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.3	29.41	33.07	-18.19	44.30	54.00	9.70	Vertical
2	5354.4	25.84	33.03	-17.76	41.11	54.00	12.89	Vertical

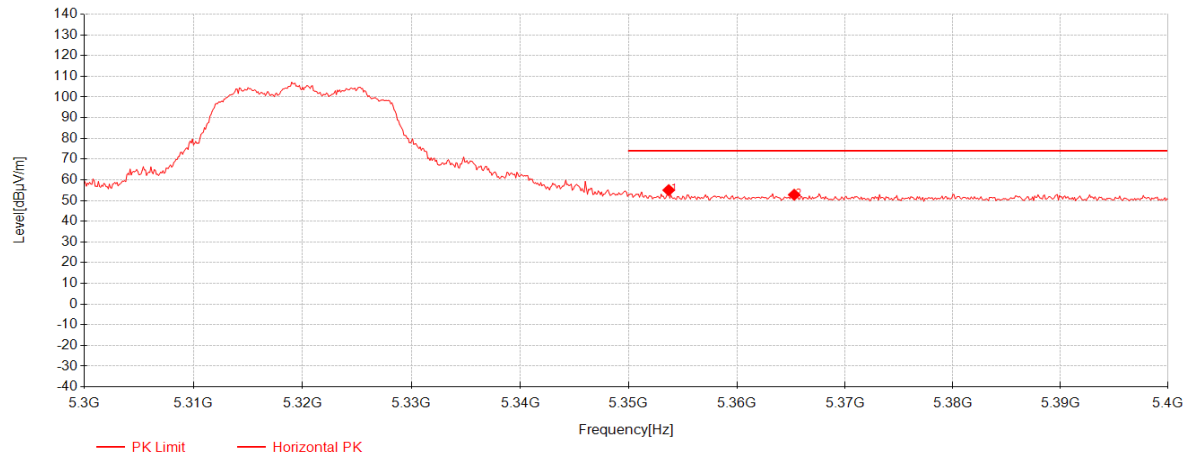


11a_TX_CH_36_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.74	38.76	33.07	-18.21	53.62	74.00	20.38	Vertical
2	5148.16	40.10	33.07	-18.19	54.98	74.00	19.02	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	5353.7	39.75	33.03	-17.76	55.02	74.00	18.98	Horizontal
2	5365.3	37.54	33.03	-17.77	52.80	74.00	21.20	Horizontal