



Report No.: SUCR260800074604

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TEST REPORT

Application No.: SUCR2608000746MO
FCC ID: XMR2026FCME63X
Applicant: Quectel Wireless Solutions Co., Ltd.
Address of Applicant: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China
Manufacturer: Quectel Wireless Solutions Co., Ltd.
Address of Manufacturer: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China
Equipment Under Test (EUT):
EUT Name: Wi-Fi & Bluetooth Module
Model No.: FCME63X
Trade Mark: QUECTEL
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-08-06
Date of Test: 2026-08-27 to 2026-09-02
Date of Issue: 2026-09-07

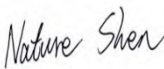
Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-09-07	/

Authorized for issue by:				
Prepared By				
		Nature_Shen/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
Radiated Emissions (Below 1GHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10-2020+Cor.1-2023 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+Cor.1-2023 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+Cor.1-2023 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+Cor.1-2023 Section 12.2	ANSI C63.10-2020+Cor.1-2023 Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020+Cor.1-2023 Section 6.9.3	ANSI C63.10-2020+Cor.1-2023 Section 12.5.3	Pass
26dB Emission Bandwidth		ANSI C63.10-2020+Cor.1-2023 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+Cor.1-2023 Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted Output Power		ANSI C63.10-2020+Cor.1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10-2020+Cor.1-2023 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10-2020+Cor.1-2023 Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	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

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4 General Information

4.1 Details of E.U.T.

Power supply:	3.3V
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5720MHz (12 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16-QAM, 64-QAM); 802.11n: OFDM (BPSK, QPSK, 16-QAM, 64-QAM); 802.11ac: OFDM (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM); 802.11ax: OFDMA (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	PCB Antenna
Antenna Gain:	U-NII-1:3.29dBi;U-NII-2A:3.26dBi;U-NII-2C:3.37dBi;U-NII-3:2.92dBi (Provided by the manufacturer)
Antenna Number:	1

4.2 Environment Parameter

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

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Router	Smavwave Technology Co.,Ltd	SRT 421	RT421X02211300001

4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	Conduction emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
5	RF conducted power	$\pm 0.75\text{dB}$
6	RF power density	$\pm 2.84\text{dB}$
7	Conducted Spurious emissions	$\pm 0.75\text{dB}$
8	RF Radiated power	$\pm 1.56\text{dB}$ (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 Tongfang 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 Tongfang Technical Services (Suzhou) Co., Ltd. is accredited by the American Association for Laboratory Accreditation (A2LA).

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

This site has been recognized as an accredited testing laboratory. Test Firm Registration
Number:717327

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

This site 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
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	11/21/2025	11/20/2026
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	1/14/2026	1/13/2027
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	1/15/2026	1/14/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	1/14/2026	1/13/2027
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	1/15/2026	1/14/2027
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	4/22/2026	4/21/2027
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	11/20/2025	11/19/2026
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/20/2025	11/19/2026
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	11/20/2025	11/19/2026
11	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/11/2026	2/10/2027
12	Temperature Chamber	GIANT FORCE	ICT-017-40-SP-SD	SUWI-01-13-02	4/28/2026	4/27/2027
13	Measurement Software	TST	TST 272 V2.02	SUWI-03-55-03	NCR	NCR
14	RF Control unit	TST	TSCB3023R2	SUWI-02-20-01	NCR	NCR
15	RFCables	Tonscend	NA	SUWI-01-03-01	8/5/2026	8/4/2027
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/9/2026	6/8/2029
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-07	11/20/2025	11/19/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	11/29/2025	11/28/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027
13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	7/29/2026	7/28/2027

14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/20/2025	11/19/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	7/29/2026	7/28/2027
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-06	11/21/2025	11/20/2026
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/14/2026	1/13/2027
18	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/11/2026	2/10/2027
19	Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
20	RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR
21	RF Cables	Tonscend	NA	SUWI-01-03-02	8/5/2026	8/4/2027

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 are PCB Antenna no consideration of replacement. The best case gain are:

U-NII-1:3.29dBi;U-NII-2A:3.26dBi;U-NII-2C:3.37dBi;U-NII-3:2.92dBi;

Antenna location: Refer to internal photo.

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

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 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+Cor.1-2023 Section 6.4,6.5

Limit:

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

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).

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C

Humidity: 43 % RH

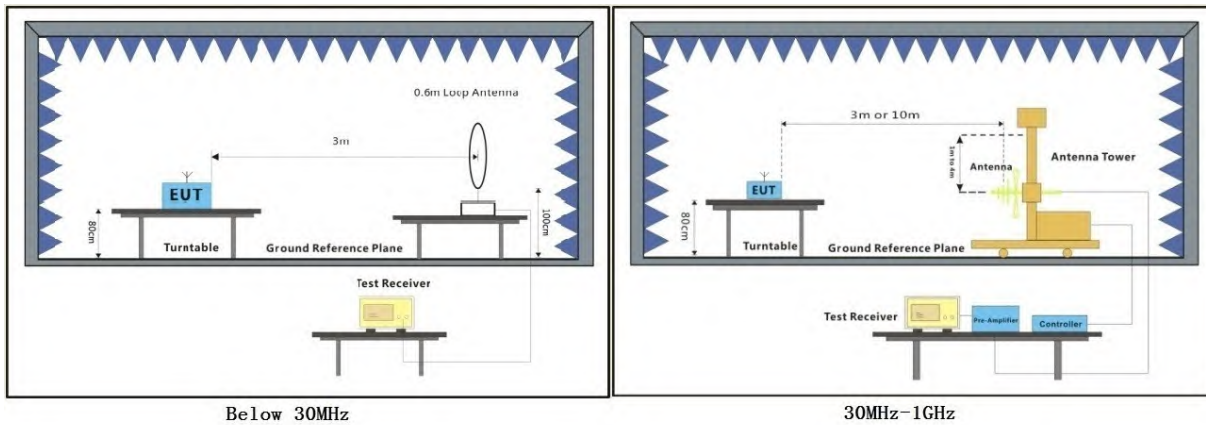
Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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	09	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	10	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	11	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

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

Remark:

1. 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.

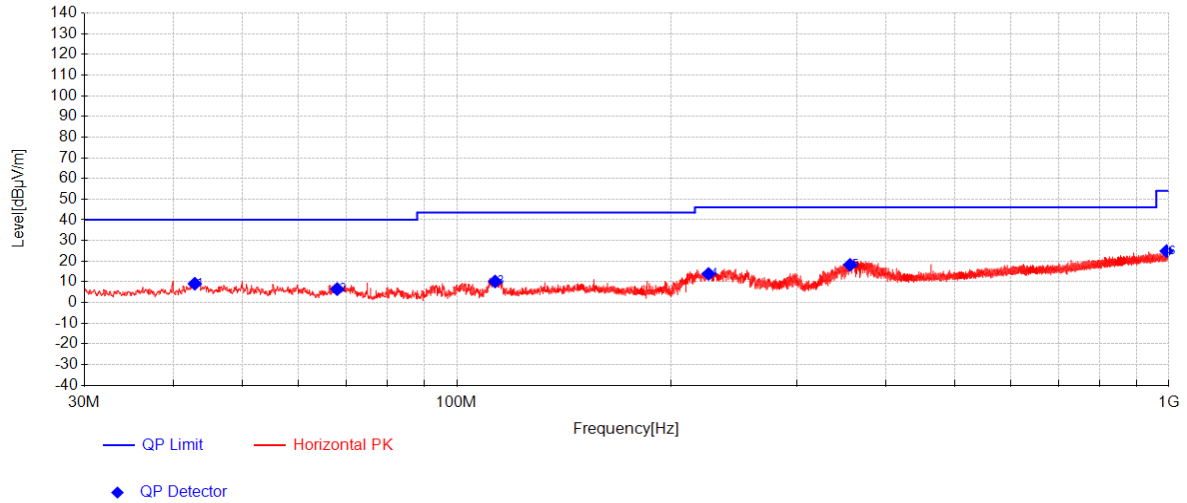
EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

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.

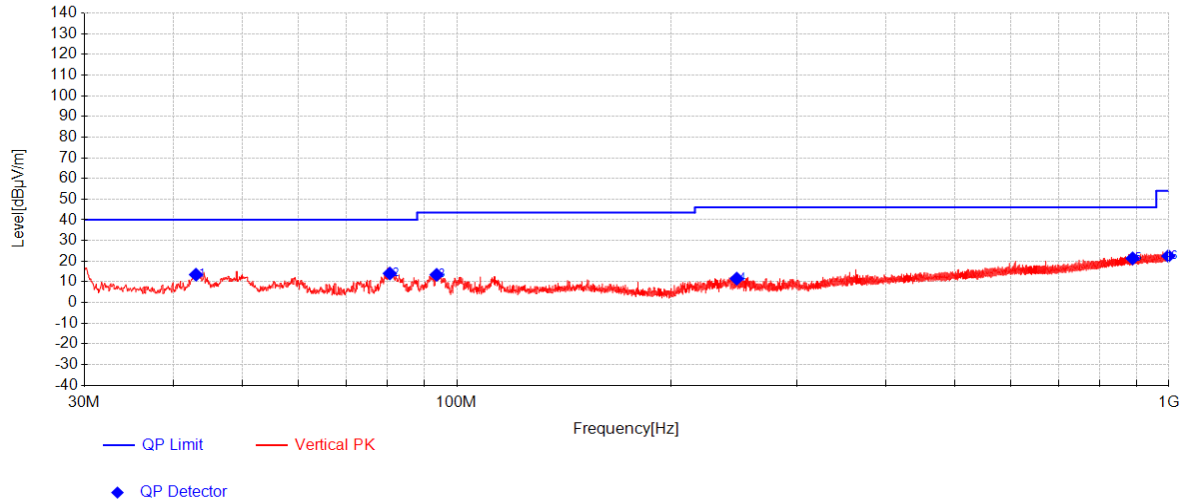
3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Test Mode: 08; 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	42.8794	29.6	13.29	-33.81	9.08	40.00	30.92	Horizontal
2	67.9378	29.28	10.63	-33.45	6.47	40.00	33.53	Horizontal
3	113.2044	32.4	10.72	-32.97	10.15	43.50	33.35	Horizontal
4	225.7244	35.12	10.83	-32.11	13.83	46.00	32.17	Horizontal
5	356.6206	35	14.50	-31.31	18.19	46.00	27.81	Horizontal
6	992.5094	28.29	24.44	-27.88	24.85	54.00	29.15	Horizontal

Test Mode: 08; 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	43.0411	33.97	13.29	-33.81	13.45	40.00	26.55	Vertical
2	80.5478	38.09	9.28	-33.34	14.03	40.00	25.97	Vertical
3	93.6967	37.6	9.01	-33.21	13.40	43.50	30.10	Vertical
4	247.28	31.71	11.83	-31.99	11.55	46.00	34.45	Vertical
5	889.2583	26.44	23.55	-28.67	21.32	46.00	24.68	Vertical
6	998.3294	25.81	24.49	-27.82	22.48	54.00	31.52	Vertical

7.2 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+Cor.1-2023 Section 6.6 & 12.7

Limit:

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

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

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

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

(4) For transmitters operating in the 5.725-5.85 GHz band:

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

Remark:

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

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

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

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

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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C

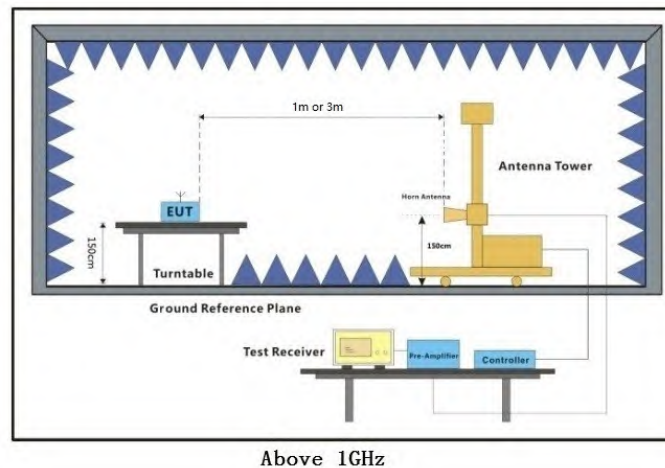
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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	09	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	10	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	11	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



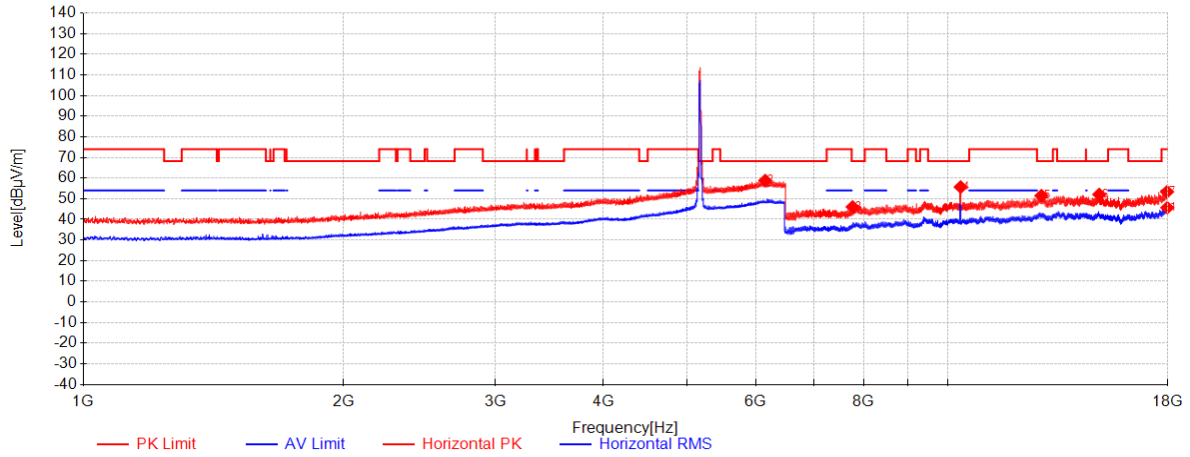
7.2.4 Measurement Procedure and Data

- 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:

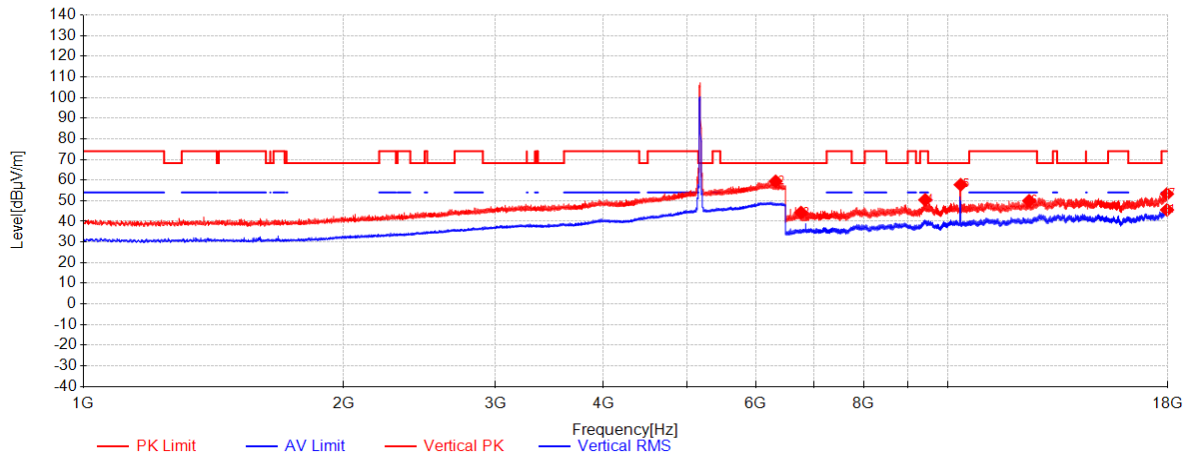
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more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



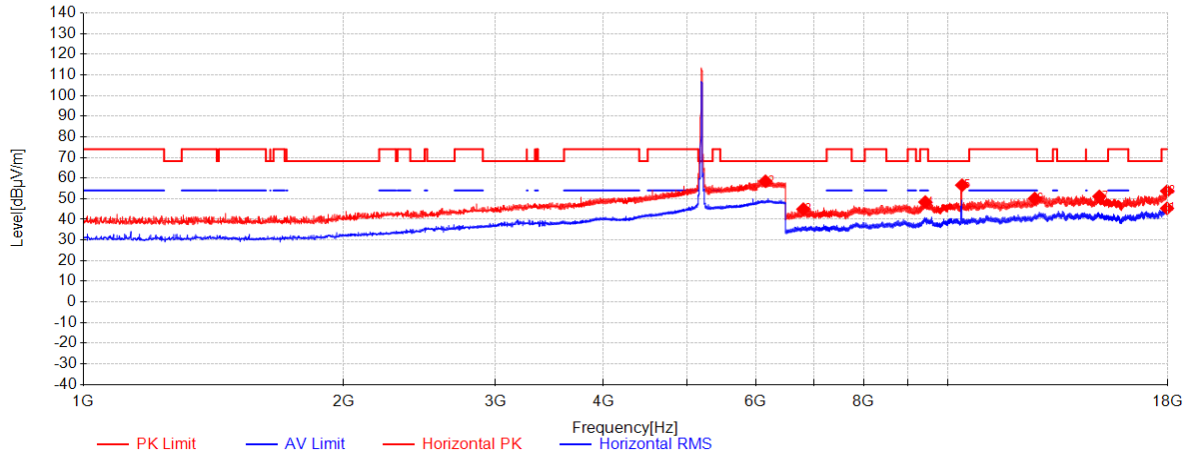
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17970.1	35.05	41.61	-30.99	45.67	54.00	8.33	Horizontal
2	6154.4167	40.75	34.81	-16.75	58.81	68.20	9.39	Horizontal
3	7769.2167	50.42	36.84	-41.23	46.03	68.20	22.17	Horizontal
4	10361.3167	53.98	38.53	-36.84	55.67	68.20	12.53	Horizontal
5	12850.3	46.40	39.72	-34.62	51.50	68.20	16.70	Horizontal
6	14989.3	46.41	39.81	-34.15	52.07	68.20	16.13	Horizontal
7	17957.0667	42.82	41.58	-31.02	53.38	74.00	20.62	Horizontal

11a_TX_CH_36_Vertical



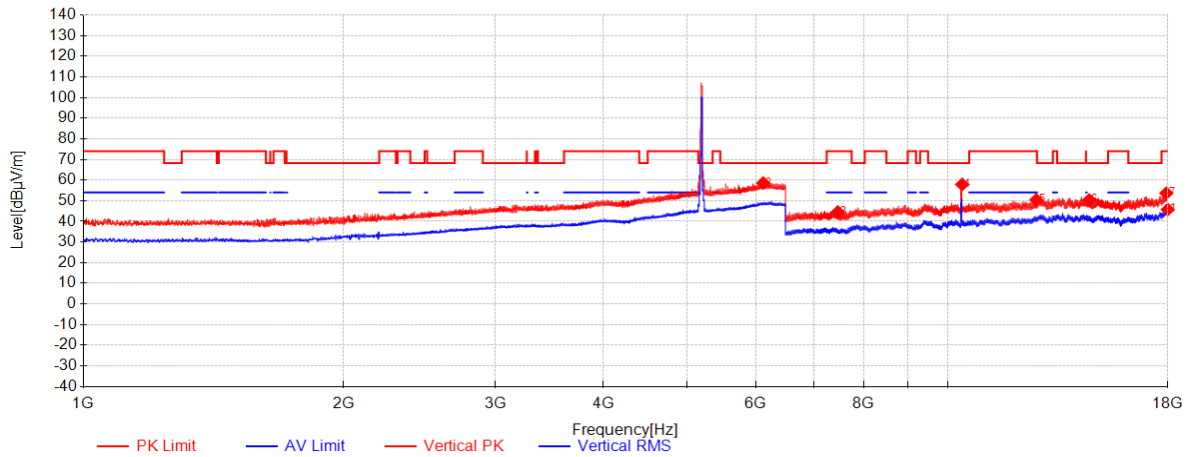
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17960.5167	34.99	41.59	-31.01	45.57	54.00	8.43	Vertical
2	6328.5833	41.20	35.16	-16.91	59.45	68.20	8.75	Vertical
3	6771.4	51.20	35.93	-42.85	44.28	68.20	23.92	Vertical
4	9426.3667	50.97	38.04	-38.59	50.43	74.00	23.57	Vertical
5	10361.3167	56.08	38.53	-36.84	57.77	68.20	10.43	Vertical
6	12434.3833	45.70	39.22	-34.95	49.98	74.00	24.02	Vertical
7	17954	42.76	41.57	-31.02	53.30	74.00	20.70	Vertical

11a_TX_CH_40_Horizontal



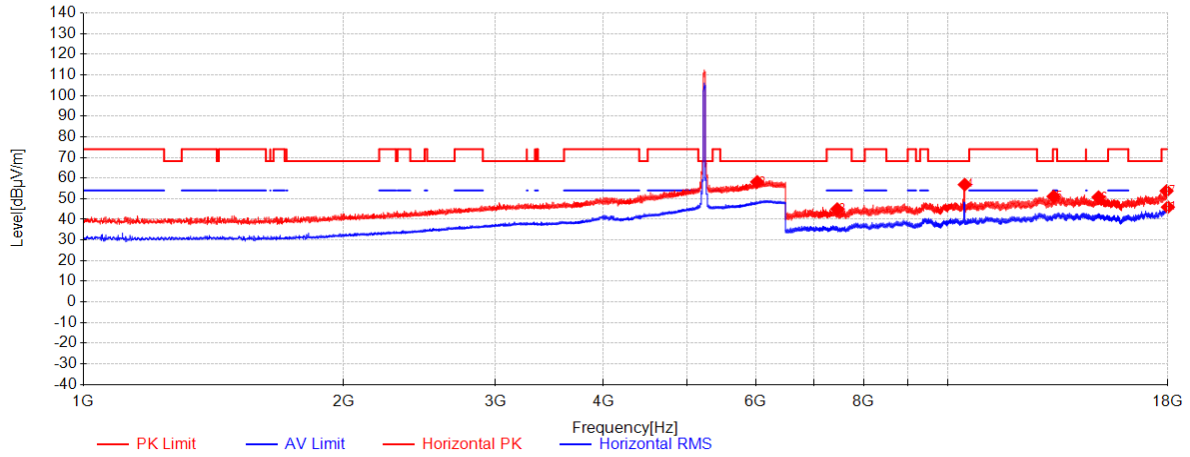
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.75	34.77	41.58	-31.01	45.34	54.00	8.66	Horizontal
2	6159.4583	40.42	34.82	-16.76	58.48	68.20	9.72	Horizontal
3	6812.0333	51.78	36.00	-42.82	44.96	68.20	23.24	Horizontal
4	9428.6667	48.92	38.04	-38.58	48.38	74.00	25.62	Horizontal
5	10400.8	54.60	38.58	-36.61	56.57	68.20	11.63	Horizontal
6	12622.9833	45.97	39.45	-35.34	50.08	74.00	23.92	Horizontal
7	14992.75	45.50	39.80	-34.18	51.13	68.20	17.07	Horizontal
8	17959.3667	43.13	41.58	-31.01	53.70	74.00	20.30	Horizontal

11a_TX_CH_40_Vertical



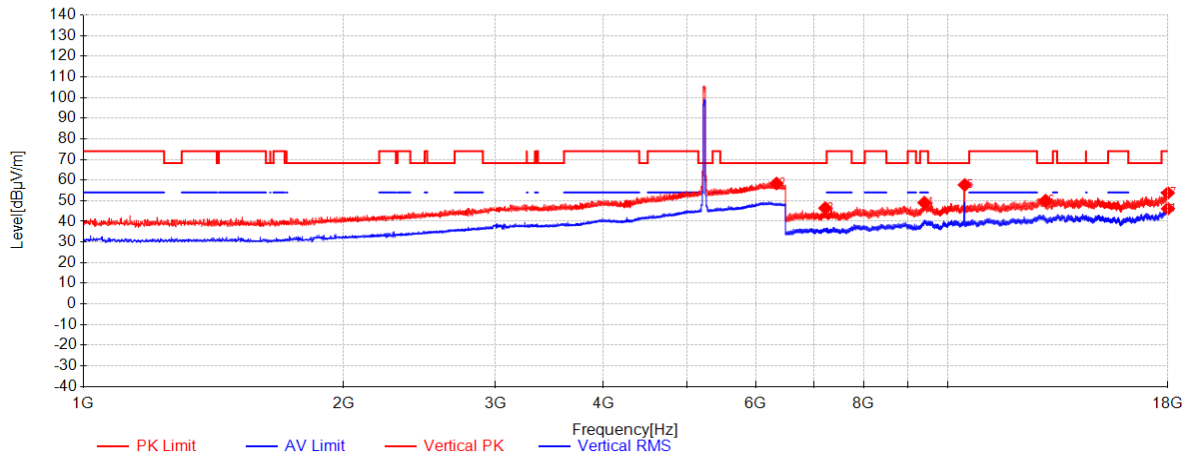
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17990.8	35.03	41.67	-30.95	45.75	54.00	8.25	Vertical
2	6121.875	40.55	34.74	-16.71	58.59	68.20	9.61	Vertical
3	7467.9167	50.31	36.30	-42.04	44.57	74.00	29.43	Vertical
4	10403.1	55.92	38.58	-36.60	57.90	68.20	10.30	Vertical
5	12675.8833	45.63	39.51	-34.71	50.43	74.00	23.57	Vertical
6	14592.55	44.91	40.04	-34.57	50.38	68.20	17.82	Vertical
7	17925.6333	43.24	41.48	-31.08	53.65	74.00	20.35	Vertical

11a_TX_CH_48_Horizontal



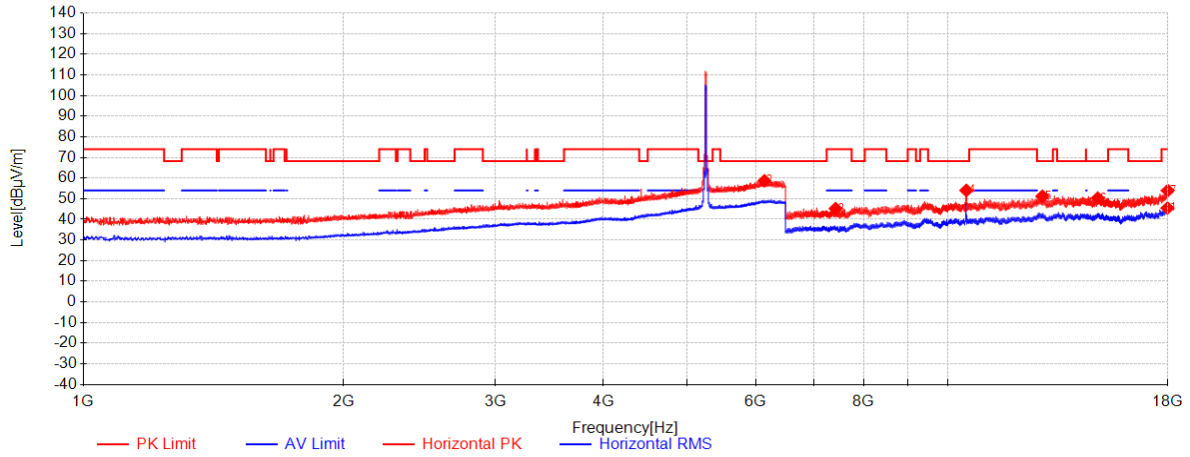
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17998.85	35.18	41.70	-30.93	45.94	54.00	8.06	Horizontal
2	6025.1667	40.62	34.55	-17.01	58.16	68.20	10.04	Horizontal
3	7457.1833	50.73	36.30	-42.04	44.99	74.00	29.01	Horizontal
4	10475.1667	54.65	38.67	-36.47	56.85	68.20	11.35	Horizontal
5	13271.5833	45.68	40.04	-34.63	51.09	74.00	22.91	Horizontal
6	14959.7833	44.85	39.82	-33.90	50.77	68.20	17.43	Horizontal
7	17937.1333	43.32	41.52	-31.06	53.78	74.00	20.22	Horizontal

11a_TX_CH_48_Vertical



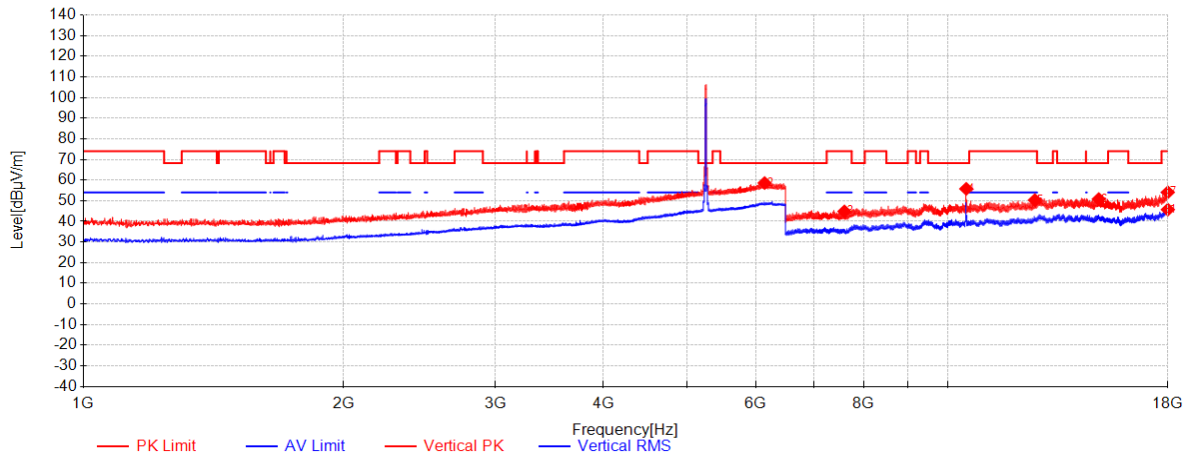
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17998.85	35.38	41.70	-30.93	46.14	54.00	7.86	Vertical
2	6342.3333	40.04	35.18	-16.85	58.38	68.20	9.82	Vertical
3	7222.9667	52.17	36.30	-42.05	46.42	68.20	21.78	Vertical
4	9406.8167	49.65	38.04	-38.61	49.08	74.00	24.92	Vertical
5	10474.4	55.47	38.67	-36.48	57.66	68.20	10.54	Vertical
6	12991.75	45.47	39.89	-35.31	50.05	68.20	18.15	Vertical
7	17996.55	43.02	41.69	-30.94	53.77	74.00	20.23	Vertical

11a_TX_CH_52_Horizontal



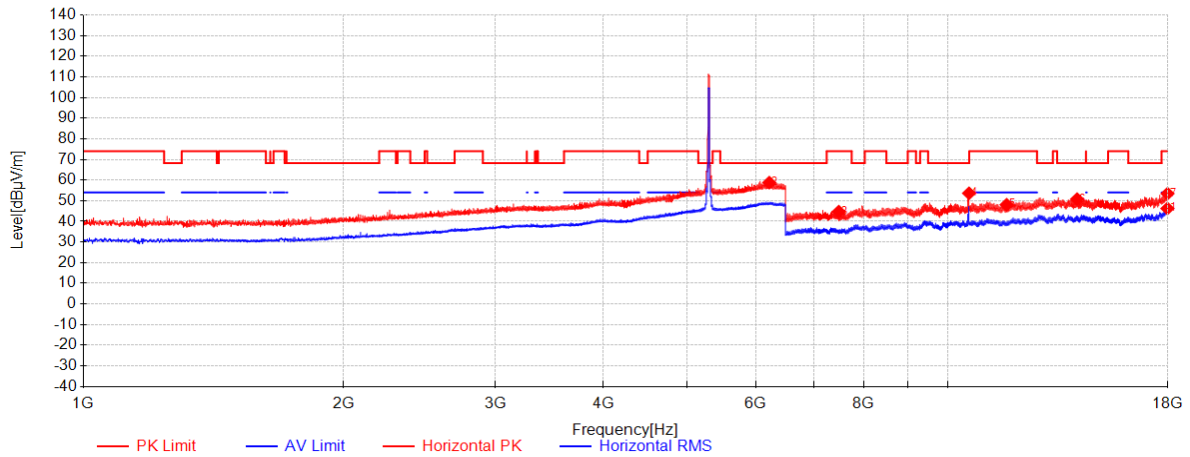
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17978.15	34.85	41.64	-30.97	45.51	54.00	8.49	Horizontal
2	6141.5833	40.63	34.78	-16.73	58.68	68.20	9.52	Horizontal
3	7424.9833	50.94	36.30	-42.03	45.21	74.00	28.79	Horizontal
4	10520.0167	51.80	38.72	-36.48	54.05	68.20	14.15	Horizontal
5	12881.7333	45.95	39.76	-34.52	51.19	68.20	17.01	Horizontal
6	14931.8	44.15	39.84	-33.67	50.32	68.20	17.88	Horizontal
7	17992.7167	43.24	41.68	-30.94	53.97	74.00	20.03	Horizontal

11a_TX_CH_52_Vertical



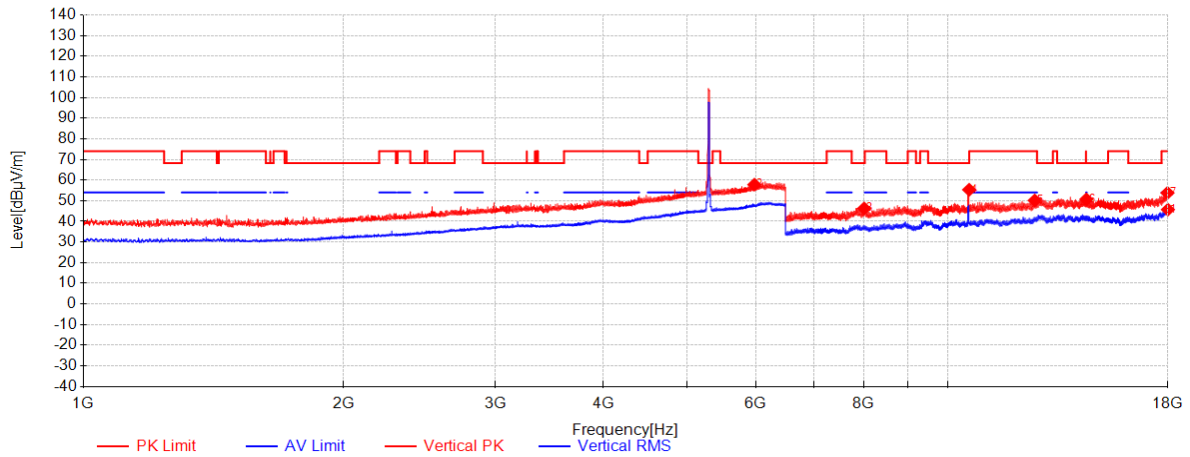
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17996.55	34.96	41.69	-30.94	45.71	54.00	8.29	Vertical
2	6145.25	40.55	34.79	-16.74	58.60	68.20	9.60	Vertical
3	7600.9333	50.16	36.50	-41.80	44.86	74.00	29.14	Vertical
4	10516.1833	53.51	38.72	-36.47	55.76	68.20	12.44	Vertical
5	12627.9667	46.15	39.45	-35.28	50.32	74.00	23.68	Vertical
6	14972.8167	45.00	39.82	-34.01	50.80	68.20	17.40	Vertical
7	17995.4	43.35	41.69	-30.94	54.10	74.00	19.90	Vertical

11a_TX_CH_60_Horizontal



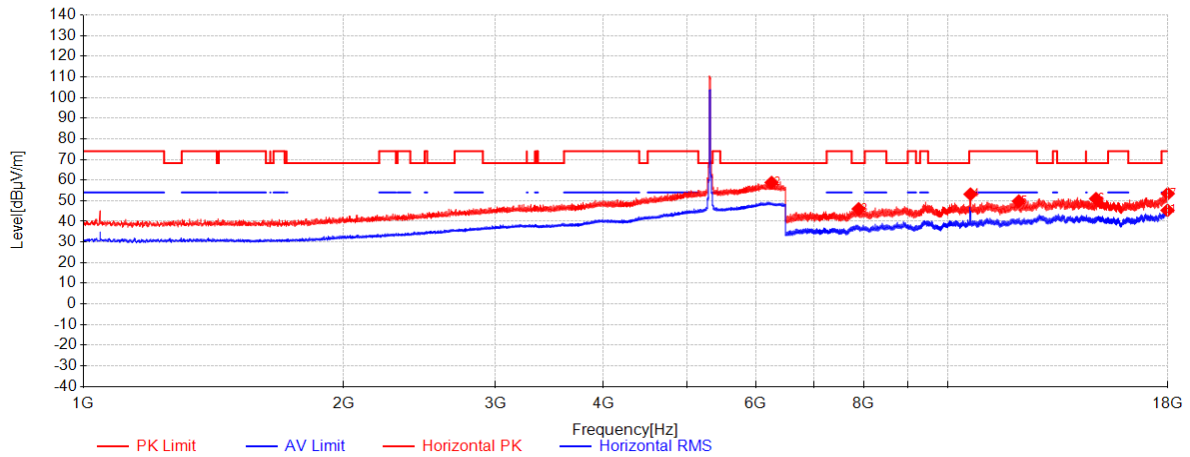
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17976.6167	35.60	41.63	-30.98	46.26	54.00	7.74	Horizontal
2	6221.3333	40.70	34.94	-16.86	58.78	68.20	9.42	Horizontal
3	7488.6167	50.45	36.30	-42.04	44.71	74.00	29.29	Horizontal
4	10595.9167	51.49	38.82	-36.66	53.64	68.20	14.56	Horizontal
5	11712.1833	44.86	38.87	-35.68	48.05	74.00	25.95	Horizontal
6	14131.0167	45.40	40.32	-34.93	50.79	68.20	17.41	Horizontal
7	17981.6	42.79	41.65	-30.97	53.47	74.00	20.53	Horizontal

11a_TX_CH_60_Vertical



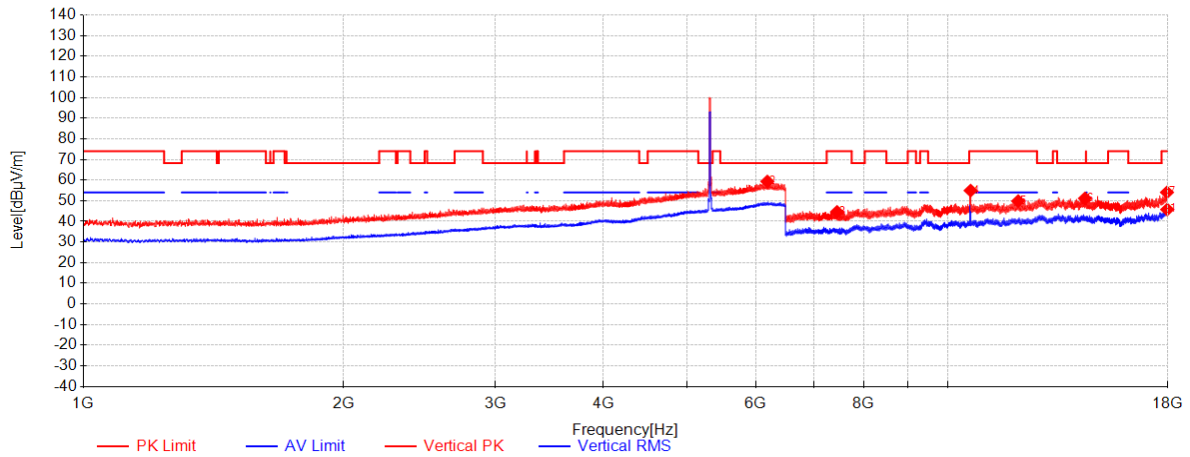
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17999.6167	34.94	41.70	-30.93	45.71	54.00	8.29	Vertical
2	5979.7917	40.44	34.44	-17.06	57.82	68.20	10.38	Vertical
3	8011.1	50.13	37.31	-41.16	46.27	68.20	21.93	Vertical
4	10598.9833	53.19	38.82	-36.67	55.34	68.20	12.86	Vertical
5	12622.9833	46.05	39.45	-35.34	50.16	74.00	23.84	Vertical
6	14484.0667	45.22	40.11	-34.65	50.68	74.00	23.32	Vertical
7	17978.9167	43.14	41.64	-30.97	53.81	74.00	20.19	Vertical

11a_TX_CH_64_Horizontal



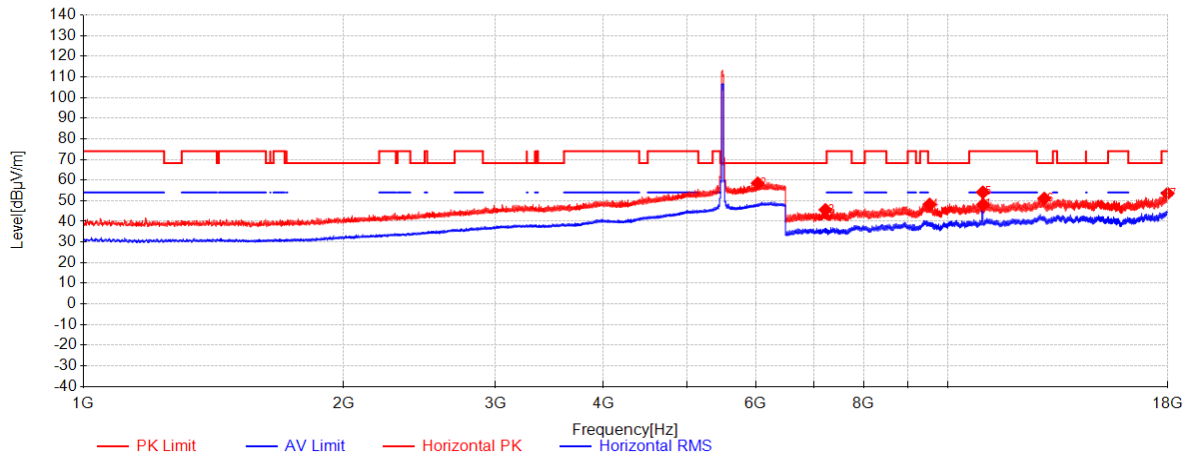
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17982.3667	34.66	41.65	-30.97	45.34	54.00	8.66	Horizontal
2	6260.75	40.74	35.02	-16.95	58.81	68.20	9.39	Horizontal
3	7894.5667	50.44	37.09	-41.47	46.06	68.20	22.14	Horizontal
4	10636.1667	50.68	38.86	-36.39	53.16	74.00	20.84	Horizontal
5	12097.8167	45.92	38.82	-34.98	49.76	74.00	24.24	Horizontal
6	14862.0333	44.85	39.88	-33.74	50.99	68.20	17.21	Horizontal
7	17993.8667	42.70	41.68	-30.94	53.44	74.00	20.56	Horizontal

11a_TX_CH_64_Vertical



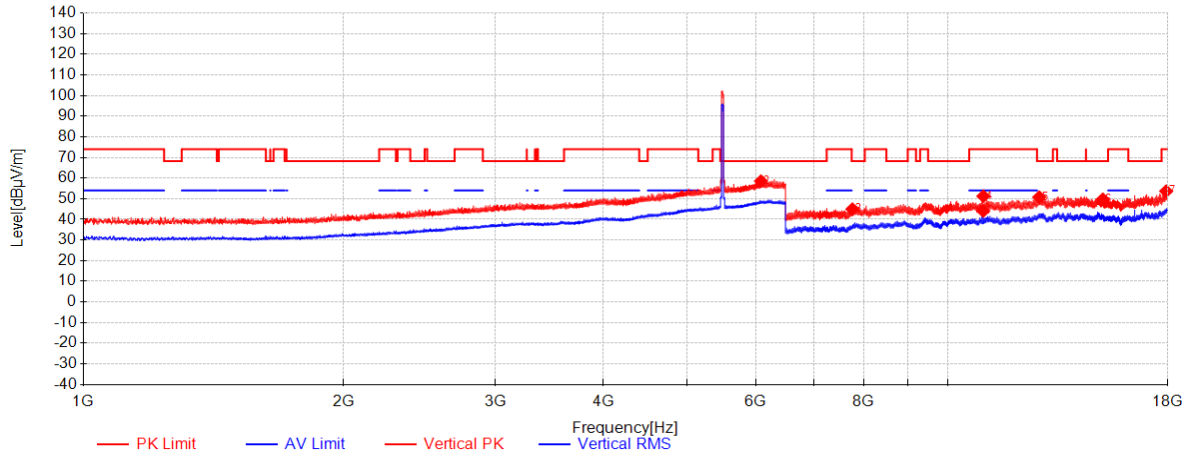
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17968.5667	35.14	41.61	-30.99	45.76	54.00	8.24	Vertical
2	6189.7083	41.27	34.88	-16.80	59.35	68.20	8.85	Vertical
3	7453.35	50.35	36.30	-42.04	44.61	74.00	29.39	Vertical
4	10640	52.43	38.87	-36.36	54.94	74.00	19.06	Vertical
5	12077.1167	46.20	38.79	-35.15	49.84	74.00	24.16	Vertical
6	14430.4	45.09	40.14	-34.08	51.15	68.20	17.05	Vertical
7	17954.7667	43.52	41.57	-31.02	54.07	74.00	19.93	Vertical

11a_TX_CH_100_Horizontal



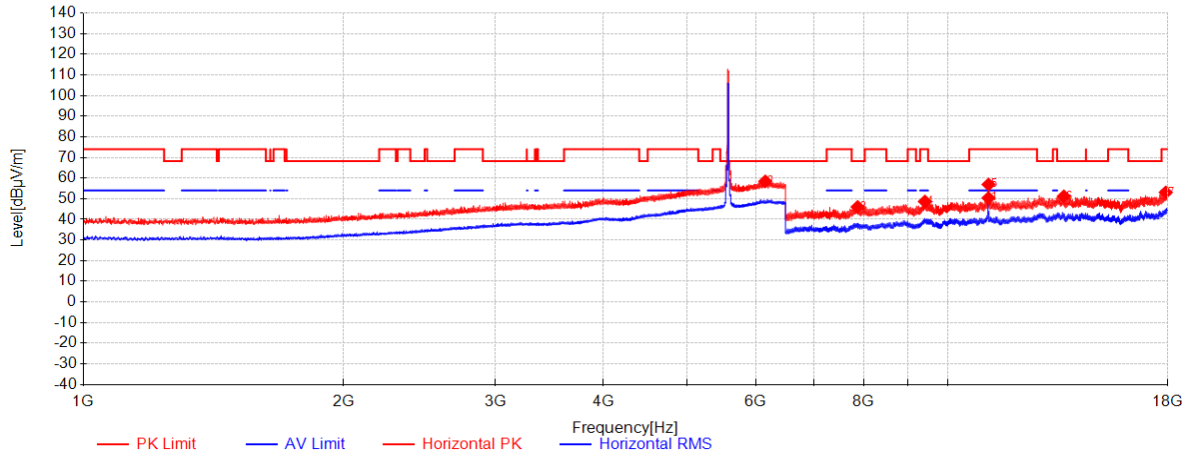
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11000.7167	44.82	39.30	-35.99	48.13	54.00	5.87	Horizontal
2	6033.4167	40.89	34.57	-16.97	58.48	68.20	9.72	Horizontal
3	7226.4167	51.34	36.30	-42.05	45.59	68.20	22.61	Horizontal
4	9539.0667	48.56	38.05	-38.38	48.23	68.20	19.97	Horizontal
5	10993.8167	50.82	39.29	-36.00	54.11	74.00	19.89	Horizontal
6	12948.8167	46.19	39.84	-34.91	51.11	68.20	17.09	Horizontal
7	17985.05	42.84	41.66	-30.96	53.54	74.00	20.46	Horizontal

11a_TX_CH_100_Vertical



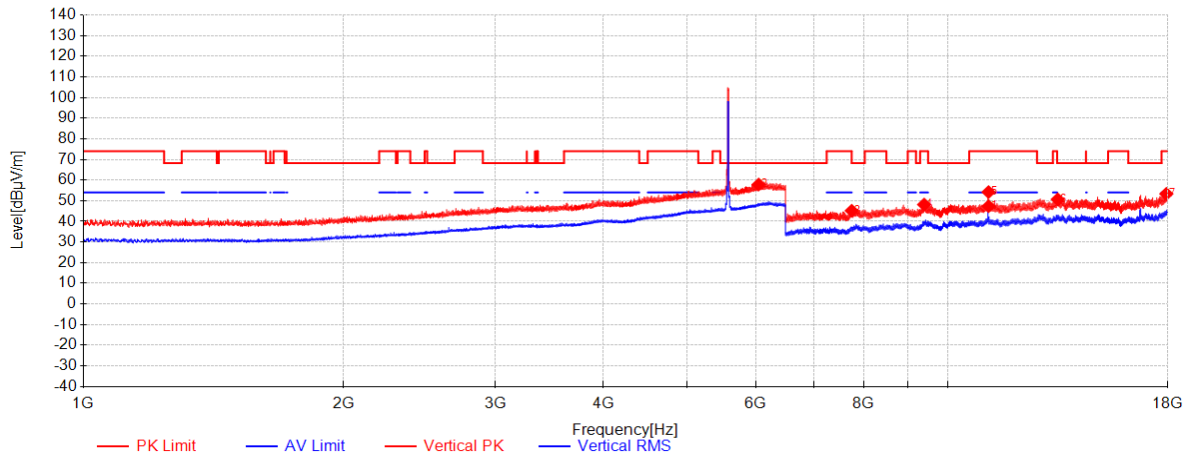
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11001.4833	40.76	39.30	-35.99	44.07	54.00	9.93	Vertical
2	6085.6667	40.62	34.67	-16.74	58.55	68.20	9.65	Vertical
3	7765.3833	49.39	36.83	-41.26	44.96	68.20	23.24	Vertical
4	11007.6167	47.92	39.30	-35.97	51.24	74.00	22.76	Vertical
5	12775.9333	45.84	39.63	-34.70	50.78	68.20	17.42	Vertical
6	15133.05	44.30	39.56	-34.11	49.75	68.20	18.45	Vertical
7	17917.9667	43.30	41.46	-31.09	53.67	74.00	20.33	Vertical

11a_TX_CH_116_Horizontal



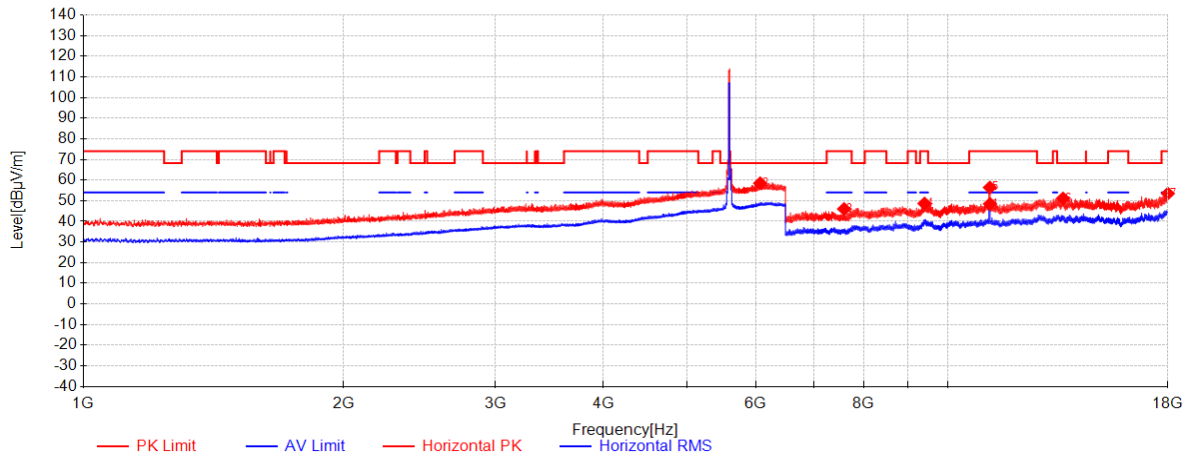
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11159.0333	46.50	39.20	-35.34	50.36	54.00	3.64	Horizontal
2	6155.3333	40.39	34.81	-16.75	58.45	68.20	9.75	Horizontal
3	7873.1	50.36	37.05	-41.37	46.04	68.20	22.16	Horizontal
4	9419.4667	49.21	38.04	-38.59	48.66	74.00	25.34	Horizontal
5	11160.5667	53.05	39.20	-35.33	56.92	74.00	17.08	Horizontal
6	13641.1167	45.54	40.22	-34.58	51.18	68.20	17.02	Horizontal
7	17896.8833	42.82	41.40	-31.15	53.07	74.00	20.93	Horizontal

11a_TX_CH_116_Vertical



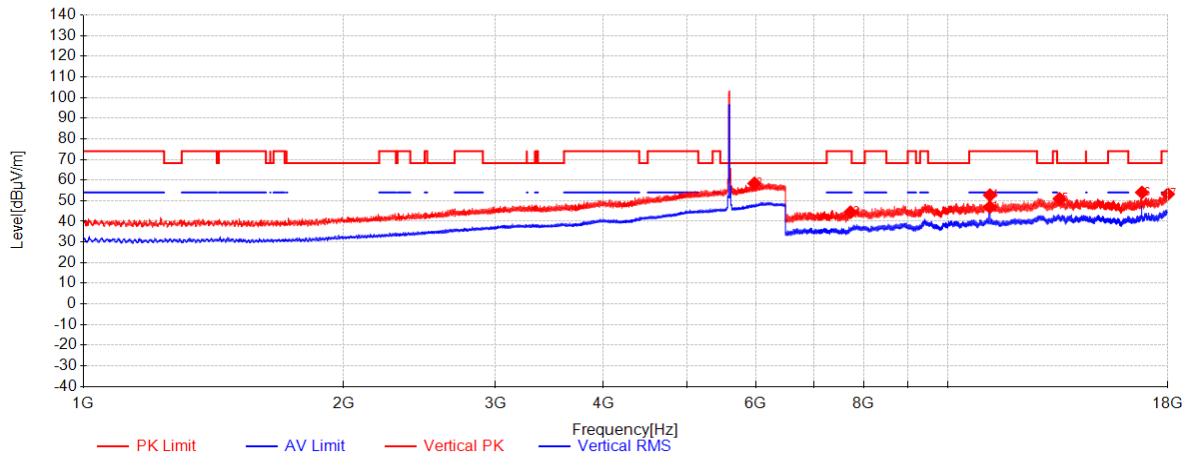
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11160.5667	43.47	39.20	-35.33	47.34	54.00	6.66	Vertical
2	6047.625	40.19	34.60	-16.91	57.87	68.20	10.33	Vertical
3	7750.8167	49.71	36.80	-41.36	45.15	68.20	23.05	Vertical
4	9399.9167	48.75	38.04	-38.62	48.17	74.00	25.83	Vertical
5	11160.5667	50.34	39.20	-35.33	54.21	74.00	19.79	Vertical
6	13420.7	45.19	40.11	-34.60	50.70	68.20	17.50	Vertical
7	17924.8667	42.96	41.48	-31.08	53.36	74.00	20.64	Vertical

11a_TX_CH_120_Horizontal



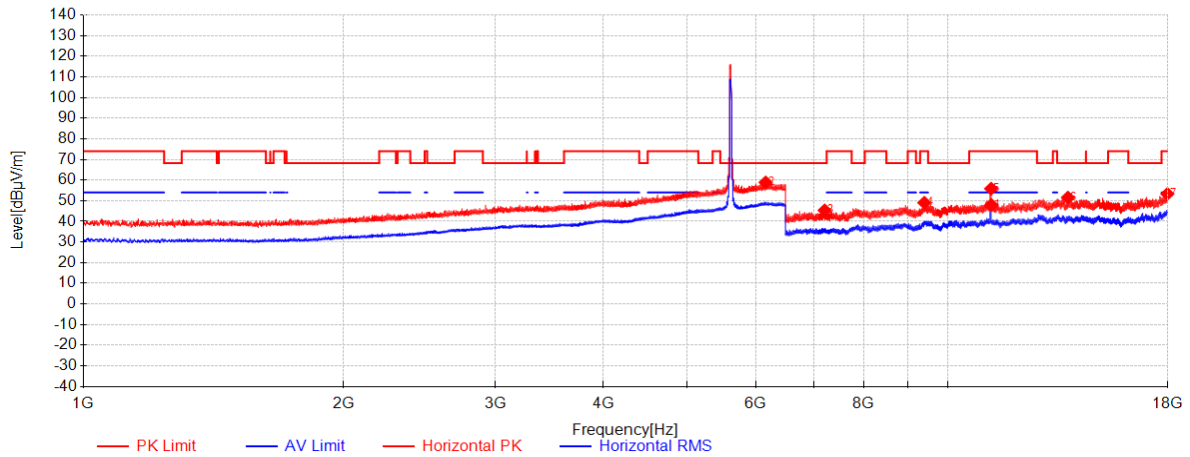
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11205.0333	44.40	39.18	-35.11	48.47	54.00	5.53	Horizontal
2	6072.375	40.65	34.64	-16.80	58.49	68.20	9.71	Horizontal
3	7594.0333	51.34	36.49	-41.81	46.01	74.00	27.99	Horizontal
4	9409.8833	49.25	38.04	-38.61	48.68	74.00	25.32	Horizontal
5	11199.6667	52.31	39.18	-35.06	56.43	74.00	17.57	Horizontal
6	13610.45	45.11	40.21	-34.18	51.14	68.20	17.06	Horizontal
7	17996.9333	42.74	41.69	-30.94	53.49	74.00	20.51	Horizontal

11a_TX_CH_120_Vertical



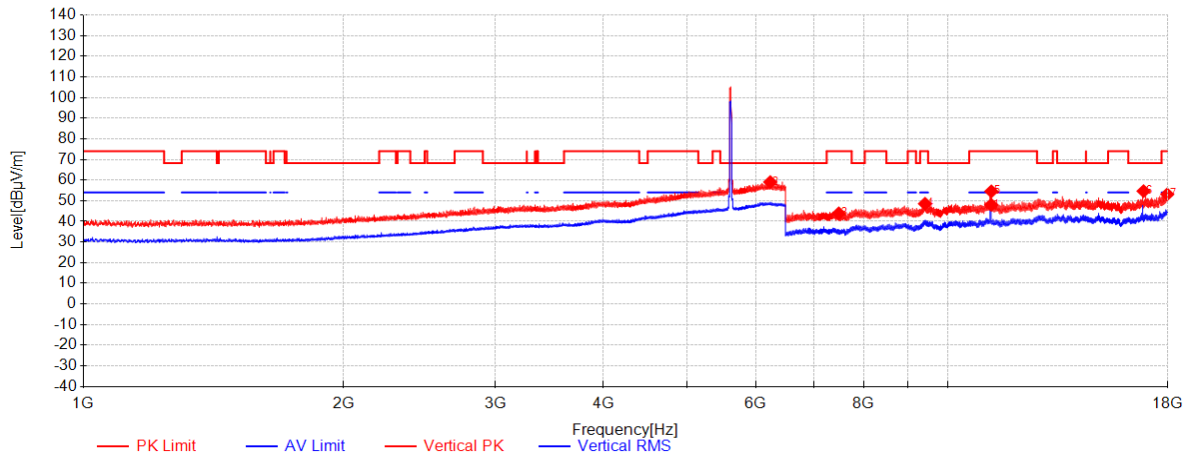
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11199.6667	42.80	39.18	-35.06	46.92	54.00	7.08	Vertical
2	5980.25	41.06	34.44	-17.06	58.44	68.20	9.76	Vertical
3	7725.1333	49.25	36.75	-41.54	44.46	74.00	29.54	Vertical
4	11201.9667	48.62	39.18	-35.08	52.72	74.00	21.28	Vertical
5	13487.7833	45.87	40.14	-35.07	50.95	68.20	17.25	Vertical
6	16797.8667	47.68	38.64	-32.30	54.02	68.20	14.18	Vertical
7	17998.0833	42.43	41.69	-30.93	53.19	74.00	20.81	Vertical

11a_TX_CH_124_Horizontal



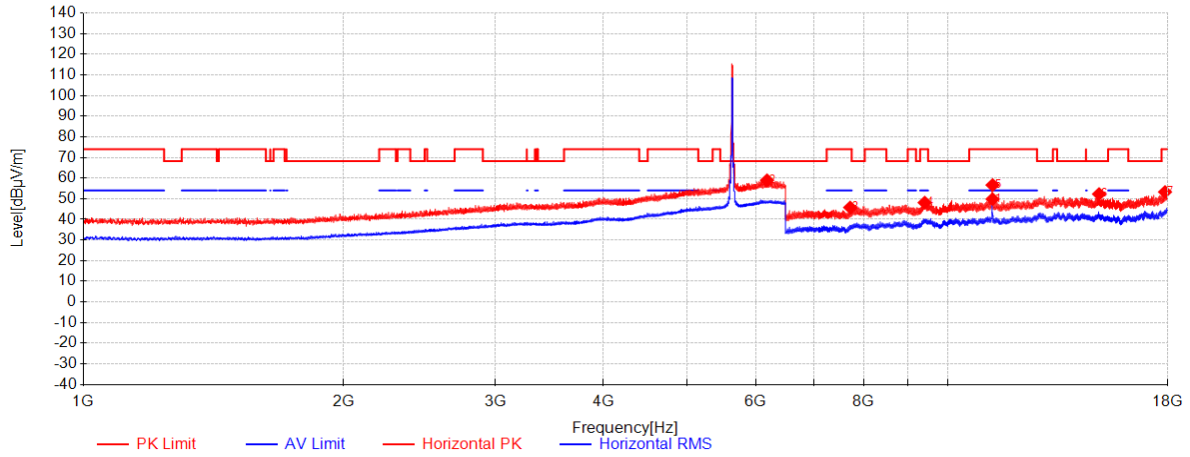
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11244.9	44.30	39.15	-35.49	47.96	54.00	6.04	Horizontal
2	6161.2917	40.85	34.82	-16.76	58.91	68.20	9.29	Horizontal
3	7211.85	51.07	36.30	-42.03	45.34	68.20	22.86	Horizontal
4	9406.05	49.61	38.04	-38.61	49.04	74.00	24.96	Horizontal
5	11238.3833	52.15	39.16	-35.43	55.88	74.00	18.12	Horizontal
6	13789.85	46.45	40.29	-35.17	51.57	68.20	16.63	Horizontal
7	17973.9333	42.69	41.62	-30.98	53.33	74.00	20.67	Horizontal

11a_TX_CH_124_Vertical



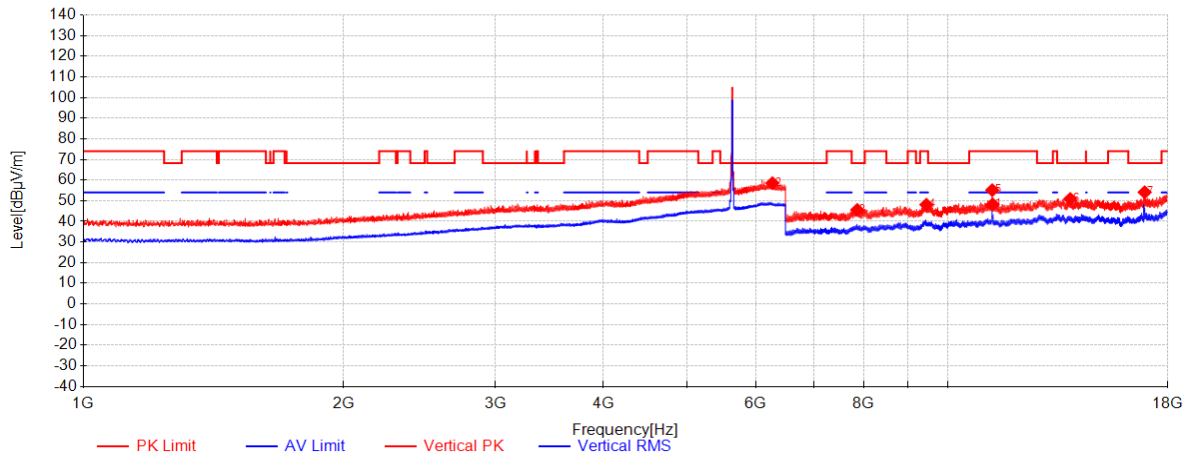
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11240.3	44.31	39.16	-35.45	48.02	54.00	5.98	Vertical
2	6238.2917	40.98	34.98	-16.90	59.06	68.20	9.14	Vertical
3	7487.0833	49.65	36.30	-42.04	43.91	74.00	30.09	Vertical
4	9422.15	49.10	38.04	-38.59	48.55	74.00	25.45	Vertical
5	11244.9	50.89	39.15	-35.49	54.55	74.00	19.45	Vertical
6	16869.9333	48.47	38.70	-32.52	54.65	68.20	13.55	Vertical
7	17968.5667	42.51	41.61	-30.99	53.13	74.00	20.87	Vertical

11a_TX_CH_128_Horizontal



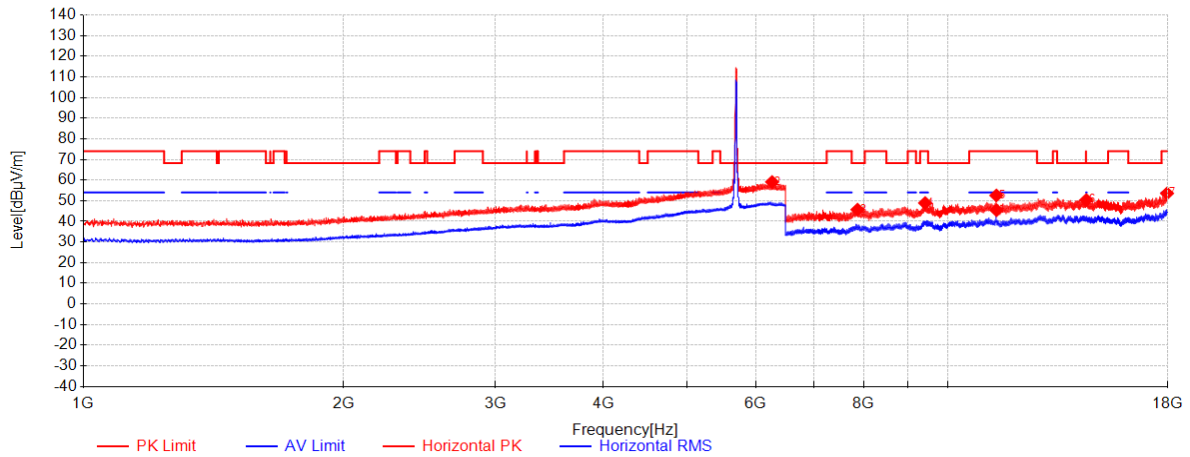
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11280.9333	46.51	39.13	-35.84	49.80	54.00	4.20	Horizontal
2	6184.6667	40.86	34.87	-16.79	58.94	68.20	9.26	Horizontal
3	7718.6167	50.61	36.74	-41.58	45.77	74.00	28.23	Horizontal
4	9414.8667	48.68	38.04	-38.60	48.12	74.00	25.88	Horizontal
5	11280.55	53.34	39.13	-35.83	56.64	74.00	17.36	Horizontal
6	14982.0167	46.56	39.81	-34.09	52.28	68.20	15.92	Horizontal
7	17862.7667	43.41	41.30	-31.42	53.29	74.00	20.71	Horizontal

11a_TX_CH_128_Vertical



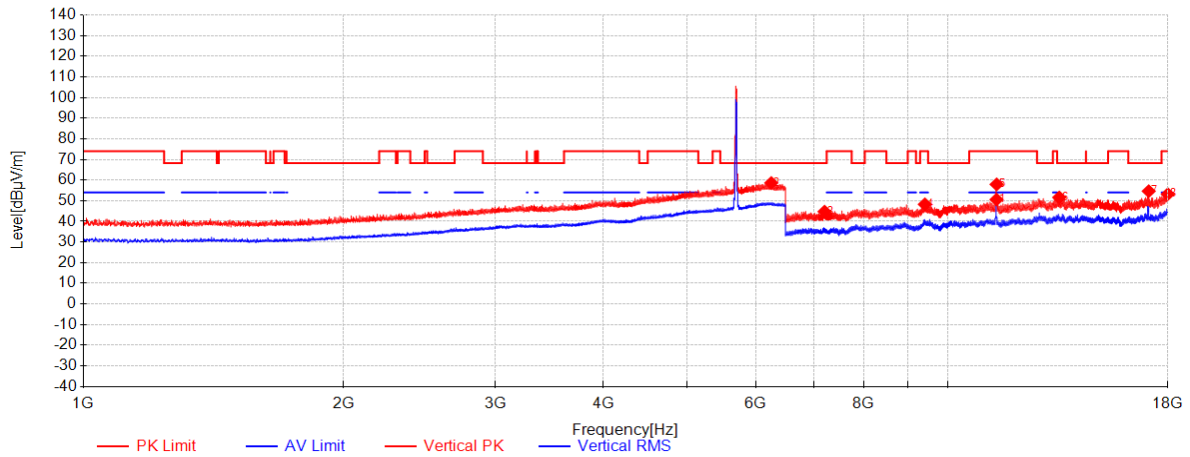
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11282.4667	44.96	39.13	-35.85	48.24	54.00	5.76	Vertical
2	6274.0417	40.48	35.05	-16.98	58.55	68.20	9.65	Vertical
3	7865.4333	49.88	37.03	-41.33	45.58	68.20	22.62	Vertical
4	9457.8	48.61	38.05	-38.54	48.11	74.00	25.89	Vertical
5	11271.7333	51.77	39.14	-35.75	55.16	74.00	18.84	Vertical
6	13875.3333	44.69	40.34	-34.13	50.89	68.20	17.31	Vertical
7	16919.7667	47.54	38.74	-32.15	54.13	68.20	14.07	Vertical

11a_TX_CH_140_Horizontal



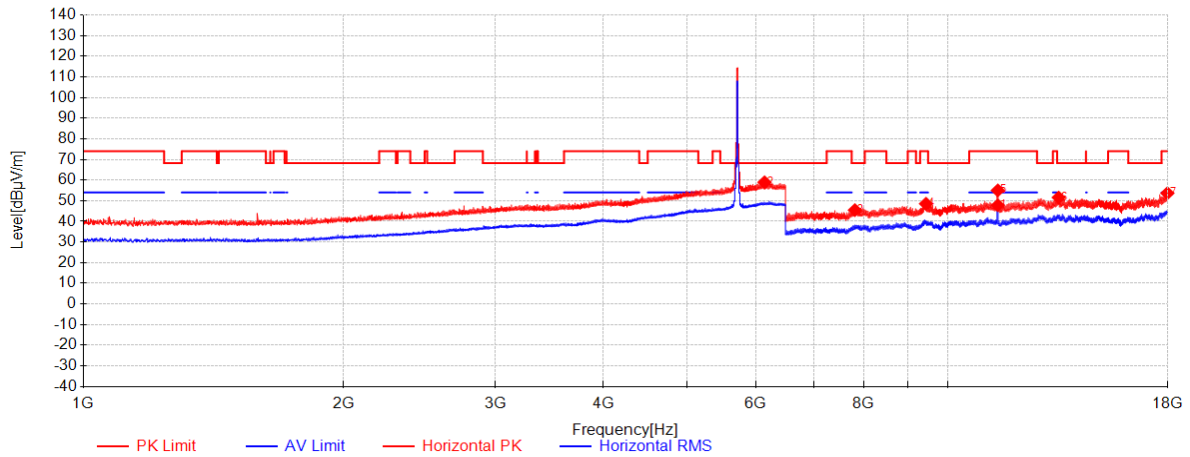
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11400.15	41.95	39.06	-35.61	45.40	54.00	8.60	Horizontal
2	6269.4583	41.03	35.04	-16.97	59.10	68.20	9.10	Horizontal
3	7871.1833	50.00	37.04	-41.36	45.68	68.20	22.52	Horizontal
4	9424.8333	49.46	38.04	-38.59	48.91	74.00	25.09	Horizontal
5	11396.7	49.15	39.06	-35.62	52.59	74.00	21.41	Horizontal
6	14482.5333	44.91	40.11	-34.63	50.39	74.00	23.61	Horizontal
7	17958.2167	43.02	41.58	-31.01	53.59	74.00	20.41	Horizontal

11a_TX_CH_140_Vertical



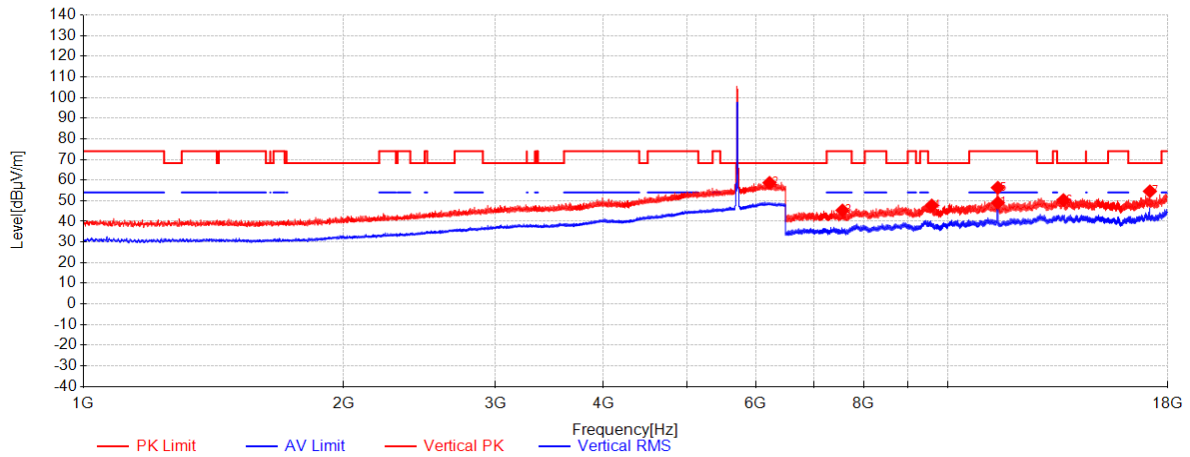
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11400.9167	47.12	39.06	-35.61	50.57	54.00	3.43	Vertical
2	6255.25	40.55	35.01	-16.94	58.62	68.20	9.58	Vertical
3	7209.9333	50.45	36.30	-42.03	44.72	68.20	23.48	Vertical
4	9419.0833	48.81	38.04	-38.60	48.26	74.00	25.74	Vertical
5	11405.1333	54.51	39.06	-35.62	57.94	74.00	16.06	Vertical
6	13476.2833	46.45	40.14	-34.99	51.60	68.20	16.60	Vertical
7	17103.7667	47.23	39.10	-31.67	54.66	68.20	13.54	Vertical
8	17995.7833	42.44	41.69	-30.94	53.19	74.00	20.81	Vertical

11a_TX_CH_144_Horizontal



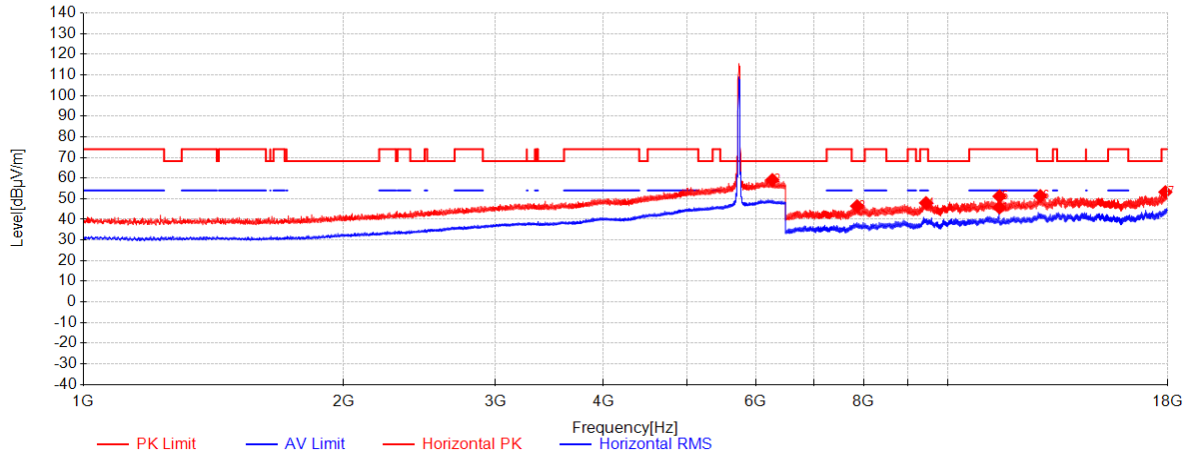
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11440.0167	44.48	39.04	-35.71	47.81	54.00	6.19	Horizontal
2	6142.9583	40.90	34.79	-16.74	58.95	68.20	9.25	Horizontal
3	7815.9833	49.63	36.93	-41.10	45.47	68.20	22.73	Horizontal
4	9447.8333	49.06	38.04	-38.56	48.55	74.00	25.45	Horizontal
5	11439.6333	51.71	39.04	-35.71	55.04	74.00	18.96	Horizontal
6	13454.4333	46.30	40.13	-34.84	51.59	68.20	16.61	Horizontal
7	17975.85	43.01	41.63	-30.98	53.66	74.00	20.34	Horizontal

11a_TX_CH_144_Vertical



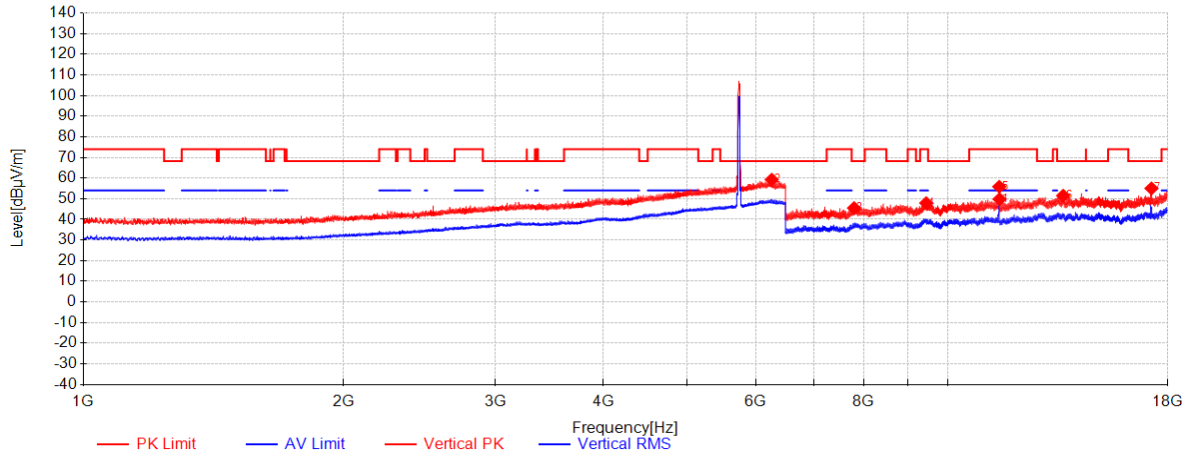
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11441.1667	45.69	39.04	-35.71	49.01	54.00	4.99	Vertical
2	6226.375	40.64	34.95	-16.87	58.72	68.20	9.48	Vertical
3	7562.6	50.78	36.43	-41.89	45.32	74.00	28.68	Vertical
4	9594.2667	47.94	38.06	-38.24	47.76	68.20	20.44	Vertical
5	11440.4	53.03	39.04	-35.71	56.35	74.00	17.65	Vertical
6	13625.7833	44.52	40.21	-34.38	50.35	68.20	17.85	Vertical
7	17159.35	46.81	39.26	-31.48	54.59	68.20	13.61	Vertical

11a_TX_CH_149_Horizontal



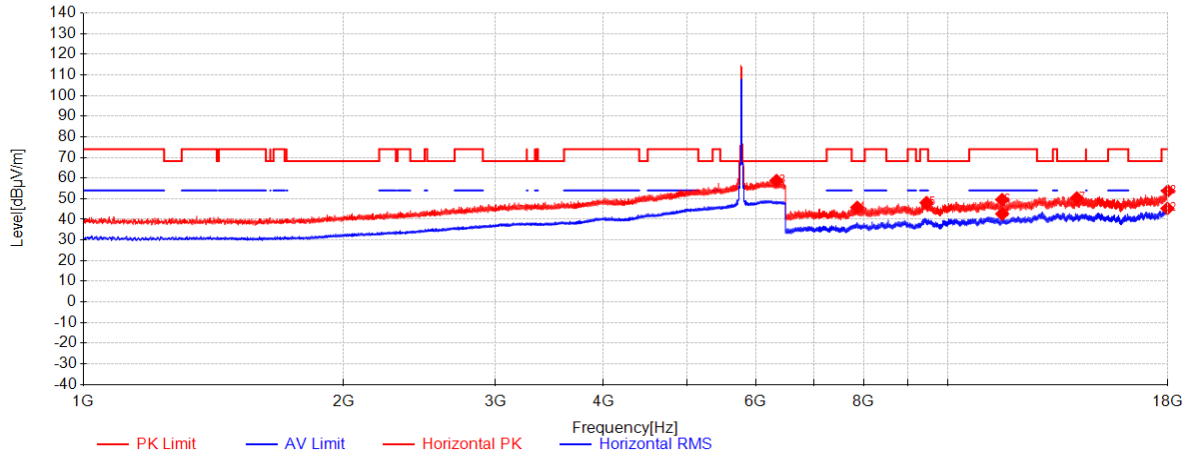
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11489.4667	42.53	39.01	-35.83	45.70	54.00	8.30	Horizontal
2	6272.6667	41.07	35.05	-16.98	59.14	68.20	9.06	Horizontal
3	7863.5167	50.75	37.03	-41.32	46.45	68.20	21.75	Horizontal
4	9447.0667	48.48	38.04	-38.56	47.97	74.00	26.03	Horizontal
5	11491	48.01	39.01	-35.84	51.18	74.00	22.82	Horizontal
6	12810.4333	46.47	39.67	-34.75	51.40	68.20	16.80	Horizontal
7	17879.25	43.17	41.35	-31.29	53.23	74.00	20.77	Horizontal

11a_TX_CH_149_Vertical



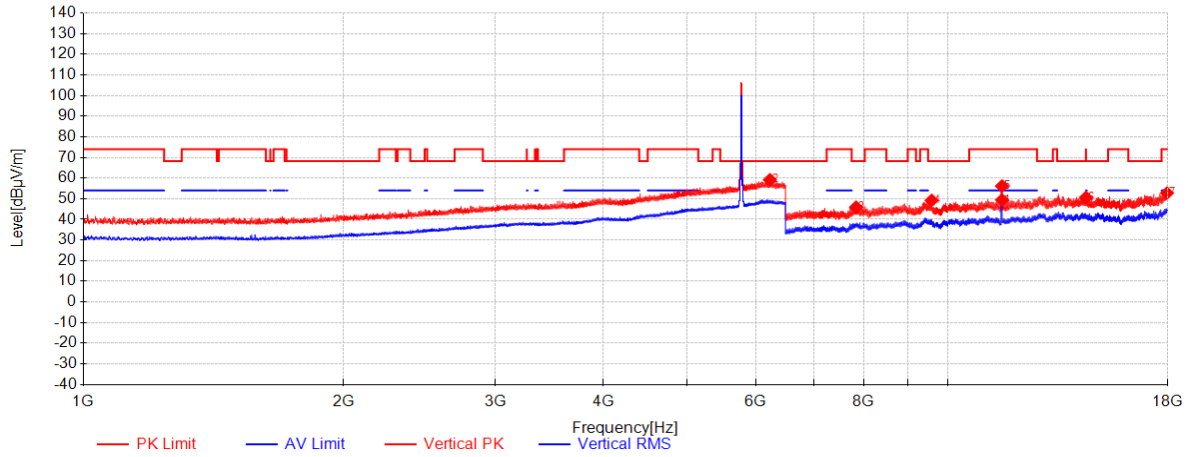
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11491.7667	46.62	39.00	-35.84	49.79	54.00	4.21	Vertical
2	6263.0417	41.20	35.03	-16.95	59.27	68.20	8.93	Vertical
3	7799.8833	49.61	36.90	-41.02	45.49	68.20	22.71	Vertical
4	9452.8167	48.41	38.05	-38.55	47.90	74.00	26.10	Vertical
5	11483.3333	52.66	39.01	-35.82	55.85	74.00	18.15	Vertical
6	13617.35	45.56	40.21	-34.27	51.50	68.20	16.70	Vertical
7	17228.7333	47.04	39.46	-31.49	55.01	68.20	13.19	Vertical

11a_TX_CH_157_Horizontal



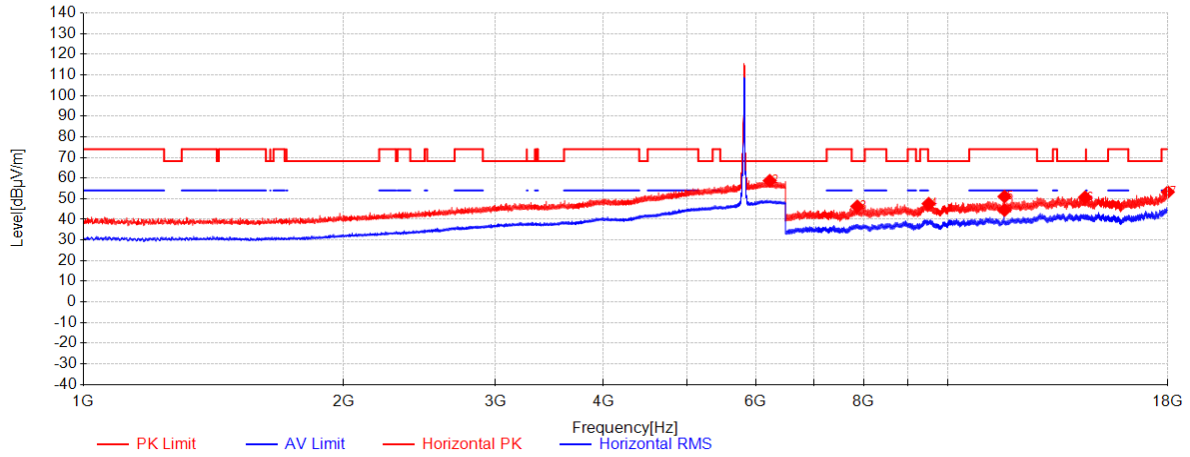
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11573.8	39.07	38.96	-35.37	42.66	54.00	11.34	Horizontal
2	17975.4667	34.64	41.63	-30.98	45.29	54.00	8.71	Horizontal
3	6342.7917	40.44	35.19	-16.84	58.78	68.20	9.42	Horizontal
4	7865.8167	50.09	37.03	-41.34	45.79	68.20	22.41	Horizontal
5	9460.4833	48.60	38.05	-38.54	48.10	74.00	25.90	Horizontal
6	11571.8833	45.97	38.96	-35.38	49.55	74.00	24.45	Horizontal
7	14119.9	44.90	40.33	-34.86	50.37	68.20	17.83	Horizontal
8	17996.9333	43.04	41.69	-30.94	53.79	74.00	20.21	Horizontal

11a_TX_CH_157_Vertical



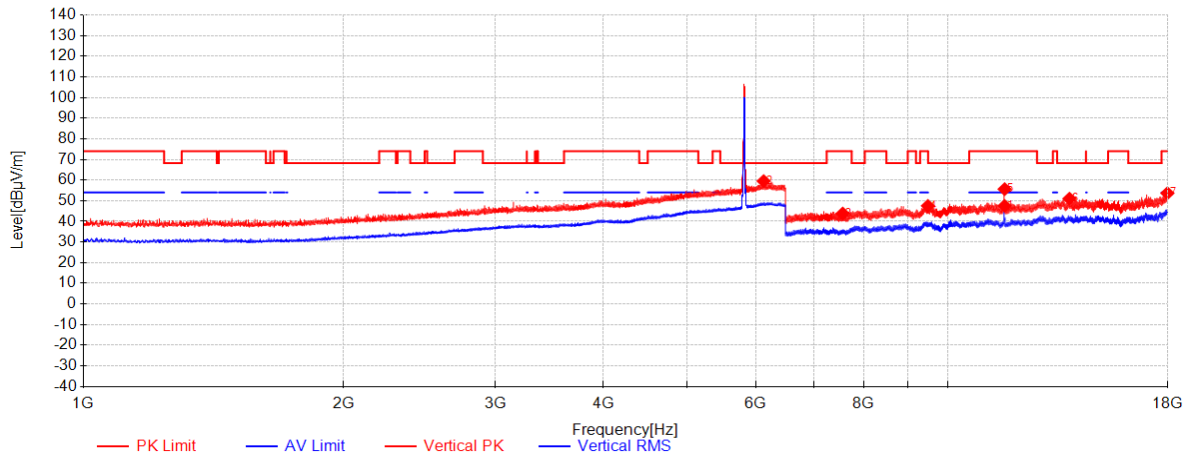
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11569.5833	45.85	38.96	-35.39	49.41	54.00	4.59	Vertical
2	6231.875	41.12	34.96	-16.88	59.20	68.20	9.00	Vertical
3	7841.2833	50.17	36.98	-41.22	45.93	68.20	22.27	Vertical
4	9589.6667	49.38	38.06	-38.25	49.19	68.20	19.01	Vertical
5	11569.2	52.59	38.96	-35.40	56.15	74.00	17.85	Vertical
6	14471.0333	45.00	40.12	-34.51	50.60	74.00	23.40	Vertical
7	17955.5333	42.20	41.57	-31.02	52.75	74.00	21.25	Vertical

11a_TX_CH_165_Horizontal



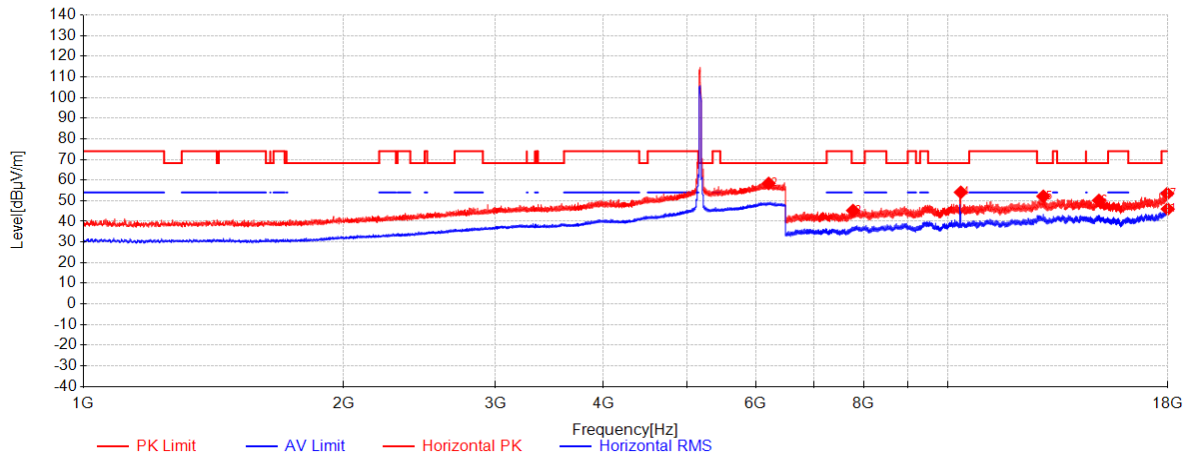
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11649.3167	41.01	38.91	-35.42	44.50	54.00	9.50	Horizontal
2	6229.5833	40.66	34.96	-16.88	58.74	68.20	9.46	Horizontal
3	7868.1167	50.62	37.04	-41.35	46.31	68.20	21.89	Horizontal
4	9516.0667	48.01	38.05	-38.45	47.61	68.20	20.59	Horizontal
5	11646.25	47.54	38.91	-35.40	51.05	74.00	22.95	Horizontal
6	14433.85	44.67	40.14	-34.12	50.69	68.20	17.51	Horizontal
7	17996.9333	42.52	41.69	-30.94	53.27	74.00	20.73	Horizontal

11a_TX_CH_165_Vertical



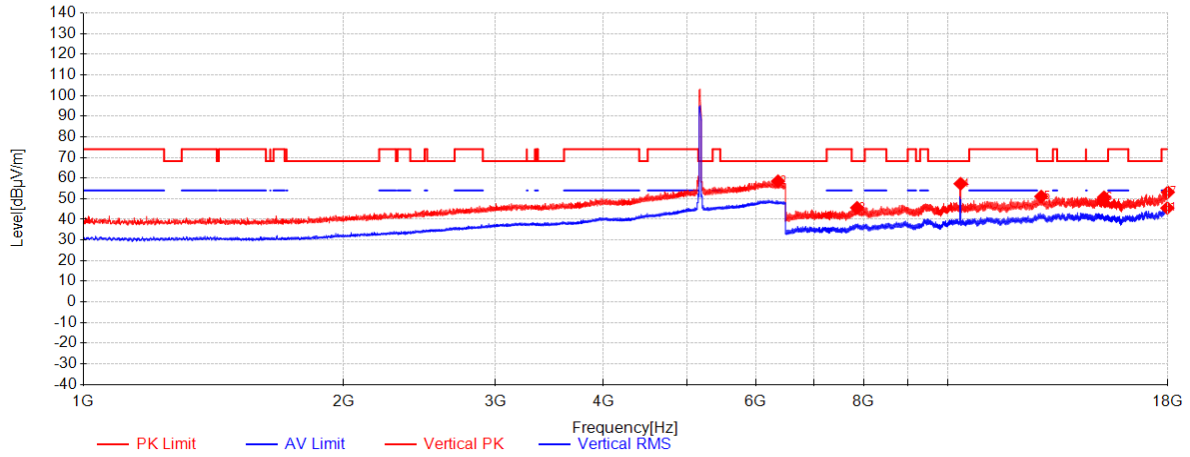
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11649.7	44.03	38.91	-35.42	47.52	54.00	6.48	Vertical
2	6128.75	41.50	34.76	-16.72	59.54	68.20	8.66	Vertical
3	7566.4333	49.26	36.43	-41.88	43.81	74.00	30.19	Vertical
4	9495.3667	47.98	38.05	-38.50	47.53	74.00	26.47	Vertical
5	11649.3167	52.14	38.91	-35.42	55.63	74.00	18.37	Vertical
6	13845.4333	45.22	40.32	-34.54	51.01	68.20	17.19	Vertical
7	17975.0833	43.01	41.63	-30.98	53.66	74.00	20.34	Vertical

11ax(HE20)_TX_CH_36_Horizontal



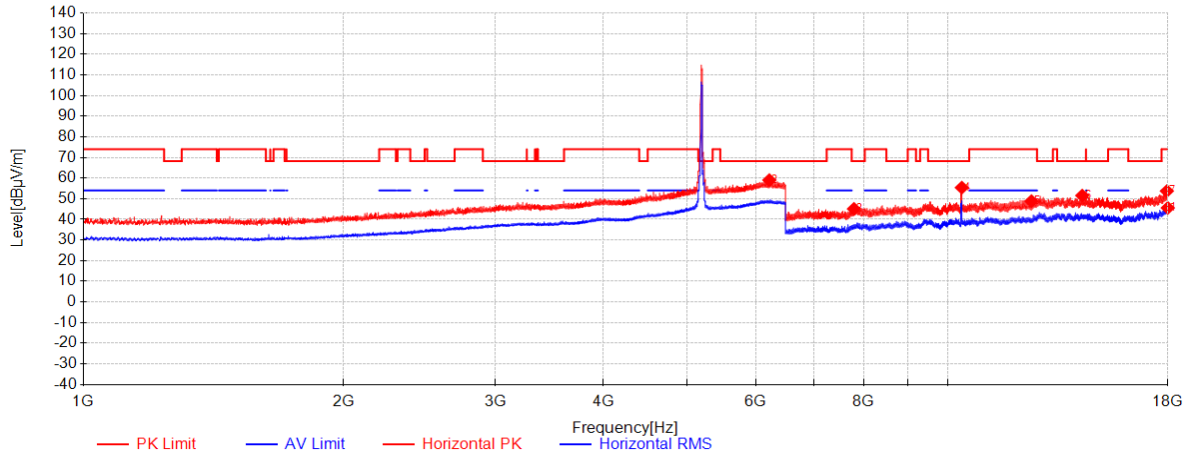
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17989.2667	35.27	41.67	-30.95	45.99	54.00	8.01	Horizontal
2	6210.7917	40.29	34.92	-16.83	58.38	68.20	9.82	Horizontal
3	7777.65	49.58	36.86	-41.17	45.26	68.20	22.94	Horizontal
4	10365.9167	52.39	38.54	-36.81	54.11	68.20	14.09	Horizontal
5	12915.85	46.95	39.80	-34.61	52.14	68.20	16.06	Horizontal
6	14979.3333	44.39	39.81	-34.07	50.14	68.20	18.06	Horizontal
7	17968.5667	42.85	41.61	-30.99	53.47	74.00	20.53	Horizontal

11ax(HE20)_TX_CH_36_Verical



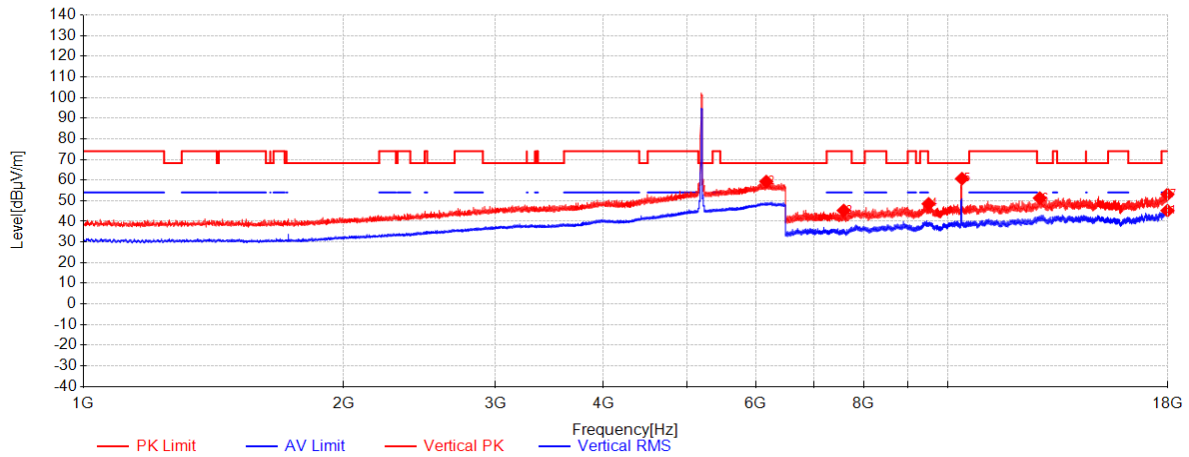
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17970.8667	34.87	41.62	-30.99	45.50	54.00	8.50	Vertical
2	6368.4583	39.98	35.24	-16.73	58.49	68.20	9.71	Vertical
3	7862.75	49.91	37.03	-41.32	45.61	68.20	22.59	Vertical
4	10360.55	55.58	38.53	-36.85	57.27	68.20	10.93	Vertical
5	12844.1667	46.02	39.71	-34.64	51.09	68.20	17.11	Vertical
6	15182.1167	45.16	39.47	-33.93	50.71	68.20	17.49	Vertical
7	17998.85	42.40	41.70	-30.93	53.16	74.00	20.84	Vertical

11ax(HE20)_TX_CH_40_Horizontal



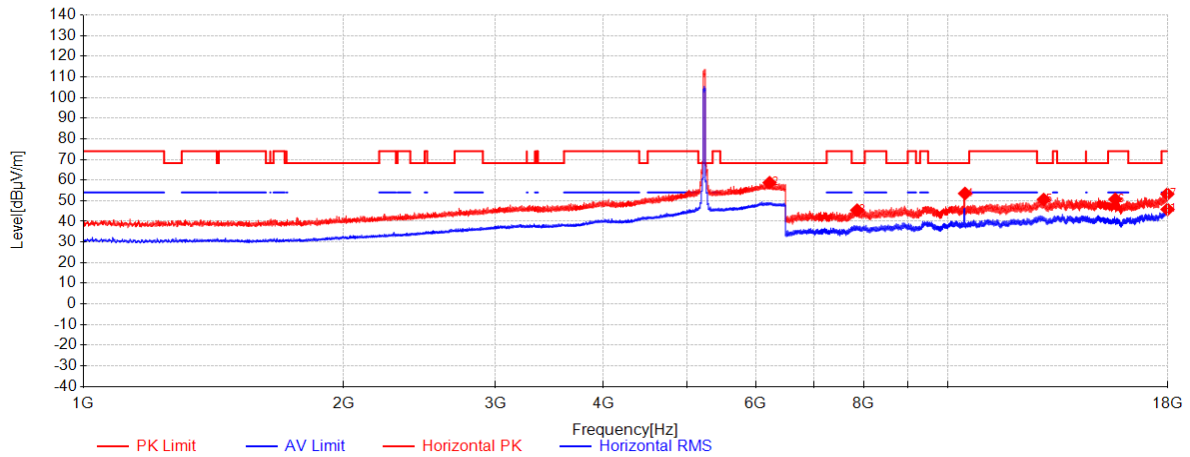
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17993.4833	34.82	41.68	-30.94	45.56	54.00	8.44	Horizontal
2	6222.7083	40.97	34.95	-16.86	59.05	68.20	9.15	Horizontal
3	7796.4333	49.24	36.89	-41.04	45.09	68.20	23.11	Horizontal
4	10392.75	53.47	38.57	-36.65	55.39	68.20	12.81	Horizontal
5	12511.8167	45.05	39.31	-35.50	48.86	74.00	25.14	Horizontal
6	14326.1333	45.99	40.20	-34.65	51.54	68.20	16.66	Horizontal
7	17950.9333	43.21	41.56	-31.03	53.74	74.00	20.26	Horizontal

11ax(HE20)_TX_CH_40_Veritical



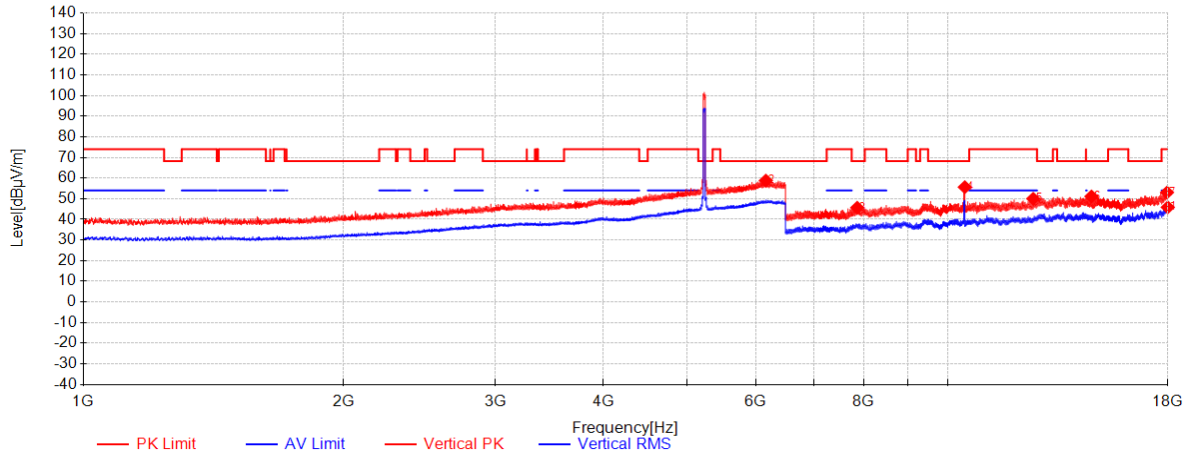
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17980.45	34.54	41.64	-30.97	45.21	54.00	8.79	Vertical
2	6172.2917	41.27	34.84	-16.77	59.34	68.20	8.86	Vertical
3	7586.75	50.62	36.47	-41.83	45.26	74.00	28.74	Vertical
4	9513	48.91	38.05	-38.45	48.51	68.20	19.69	Vertical
5	10397.7333	58.75	38.58	-36.62	60.70	68.20	7.50	Vertical
6	12795.4833	46.38	39.65	-34.76	51.27	68.20	16.93	Vertical
7	17978.5333	42.43	41.64	-30.97	53.09	74.00	20.91	Vertical

11ax(HE20)_TX_CH_48_Horizontal



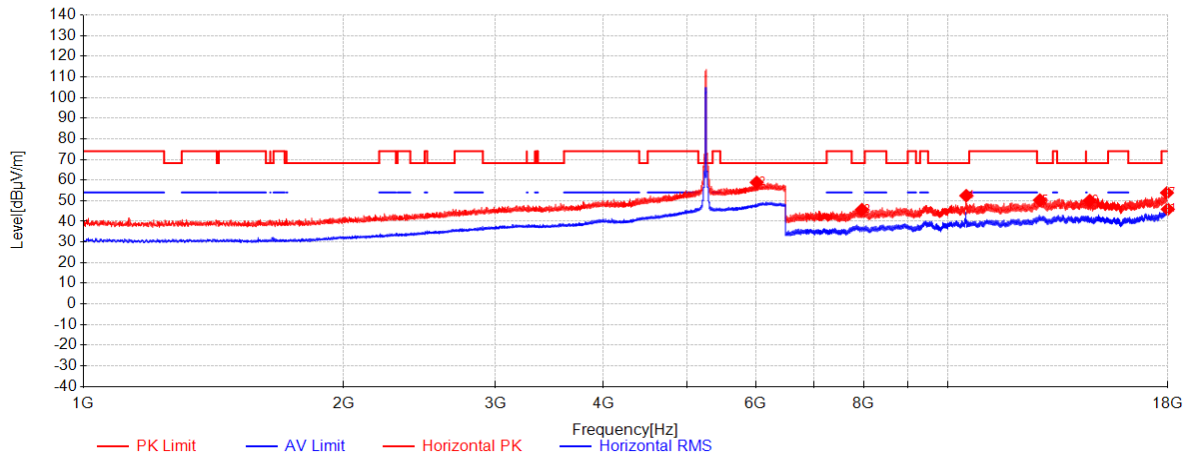
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17980.8333	35.13	41.64	-30.97	45.81	54.00	8.19	Horizontal
2	6227.75	40.67	34.96	-16.87	58.75	68.20	9.45	Horizontal
3	7862.75	49.71	37.03	-41.32	45.41	68.20	22.79	Horizontal
4	10481.6833	51.30	38.68	-36.46	53.52	68.20	14.68	Horizontal
5	12928.8833	45.49	39.81	-34.73	50.58	68.20	17.62	Horizontal
6	15642.5	45.23	38.64	-33.18	50.69	74.00	23.31	Horizontal
7	17973.1667	42.58	41.62	-30.98	53.22	74.00	20.78	Horizontal

11ax(HE20)_TX_CH_48_Veritical



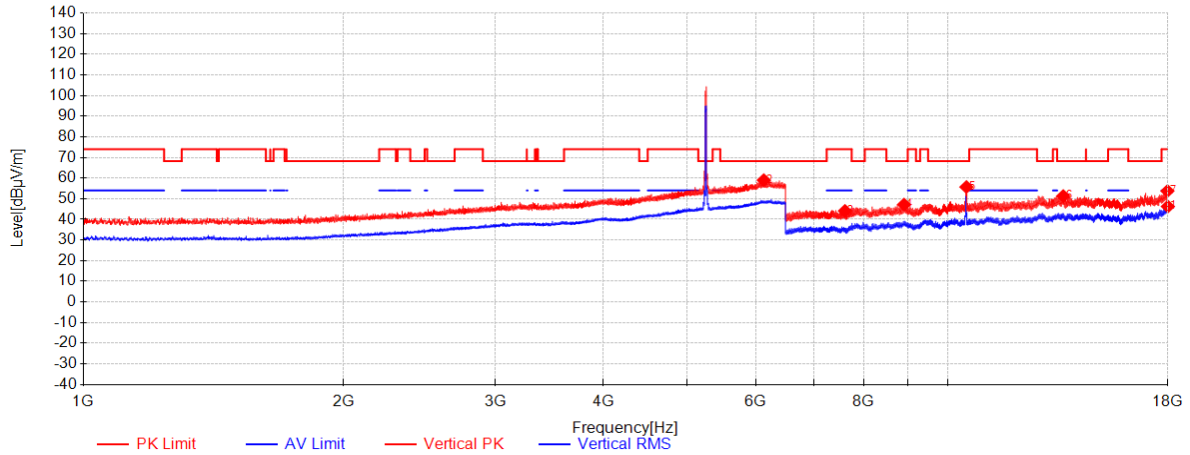
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17993.8667	35.12	41.68	-30.94	45.86	54.00	8.14	Vertical
2	6164.5	40.74	34.83	-16.76	58.81	68.20	9.39	Vertical
3	7865.05	50.00	37.03	-41.33	45.70	68.20	22.50	Vertical
4	10477.0833	53.43	38.67	-36.47	55.63	68.20	12.57	Vertical
5	12571.6167	46.20	39.39	-35.58	50.01	74.00	23.99	Vertical
6	14682.6333	45.08	39.99	-33.96	51.12	68.20	17.08	Vertical
7	17957.8333	42.51	41.58	-31.01	53.07	74.00	20.93	Vertical

11ax(HE20)_TX_CH_52_Horizontal



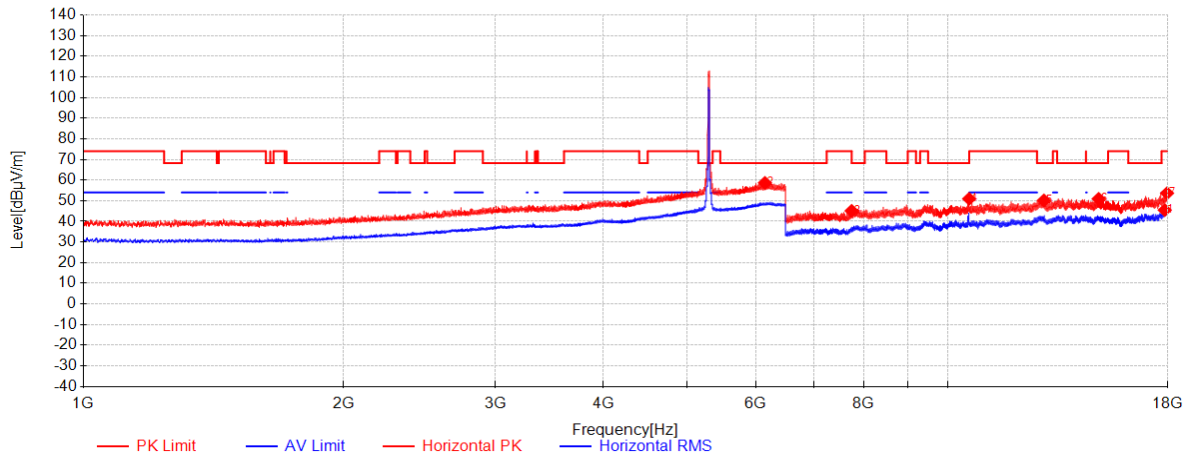
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17994.25	35.15	41.68	-30.94	45.89	54.00	8.11	Horizontal
2	6017.375	41.39	34.53	-17.04	58.88	68.20	9.32	Horizontal
3	7965.4833	49.72	37.23	-41.29	45.66	68.20	22.54	Horizontal
4	10516.5667	50.19	38.72	-36.47	52.44	68.20	15.76	Horizontal
5	12798.55	45.40	39.66	-34.77	50.28	68.20	17.92	Horizontal
6	14617.0833	44.48	40.03	-34.43	50.08	68.20	18.12	Horizontal
7	17955.15	43.30	41.57	-31.02	53.85	74.00	20.15	Horizontal

11ax(HE20)_TX_CH_52_Vertical



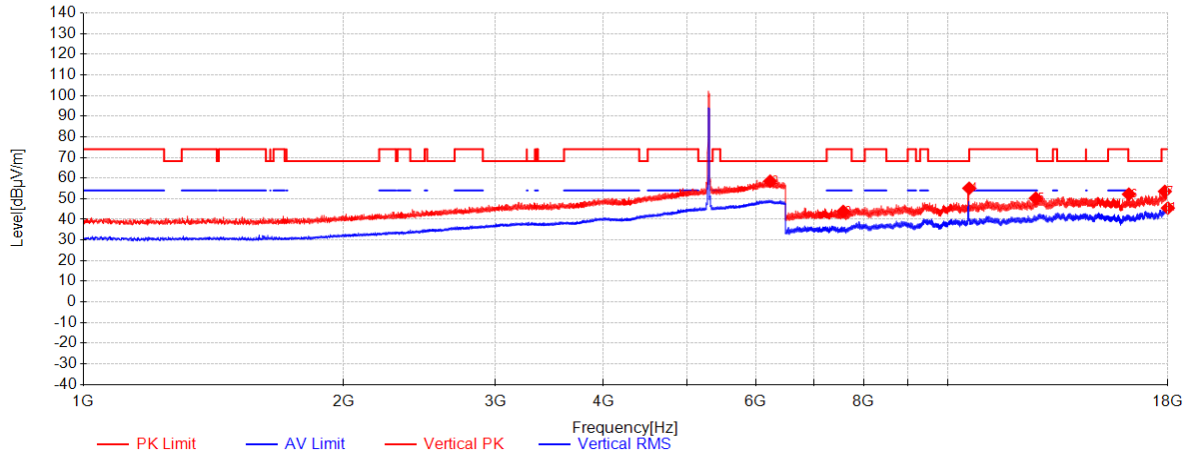
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17998.85	35.49	41.70	-30.93	46.25	54.00	7.75	Vertical
2	6131.0417	40.98	34.76	-16.72	59.02	68.20	9.18	Vertical
3	7612.05	49.39	36.52	-41.79	44.12	74.00	29.88	Vertical
4	8910.7833	48.84	37.94	-39.60	47.18	68.20	21.02	Vertical
5	10521.1667	53.47	38.73	-36.48	55.71	68.20	12.49	Vertical
6	13618.1167	45.35	40.21	-34.28	51.28	68.20	16.92	Vertical
7	17977	43.11	41.63	-30.98	53.77	74.00	20.23	Vertical

11ax(HE20)_TX_CH_60_Horizontal



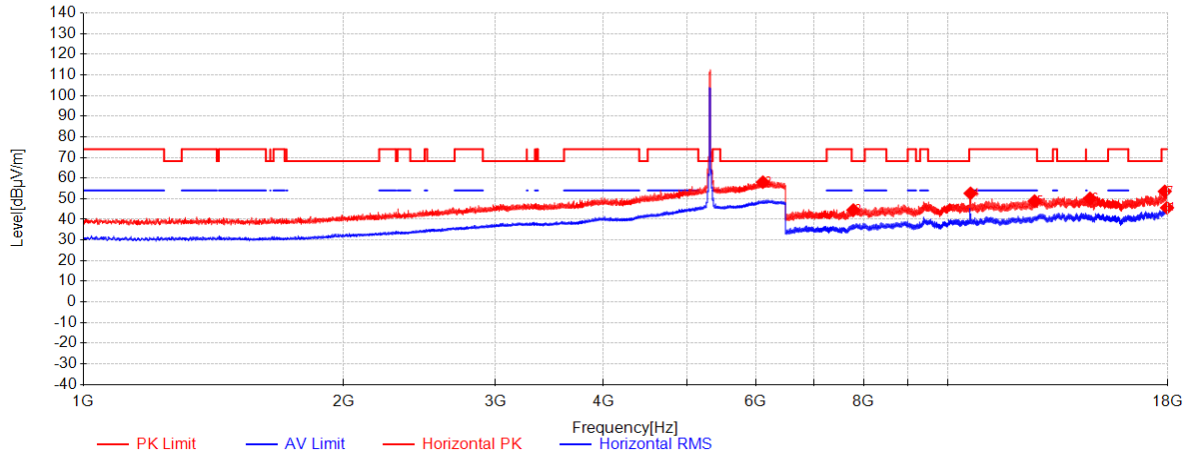
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17849.35	35.75	41.26	-31.53	45.48	54.00	8.52	Horizontal
2	6150.2917	40.62	34.80	-16.75	58.68	68.20	9.52	Horizontal
3	7748.5167	49.70	36.80	-41.38	45.12	74.00	28.88	Horizontal
4	10598.9833	48.78	38.82	-36.67	50.93	68.20	17.27	Horizontal
5	12935.7833	45.14	39.82	-34.79	50.17	68.20	18.03	Horizontal
6	14966.6833	45.06	39.82	-33.96	50.92	68.20	17.28	Horizontal
7	17959.75	43.10	41.58	-31.01	53.67	74.00	20.33	Horizontal

11ax(HE20)_TX_CH_60_Veritical



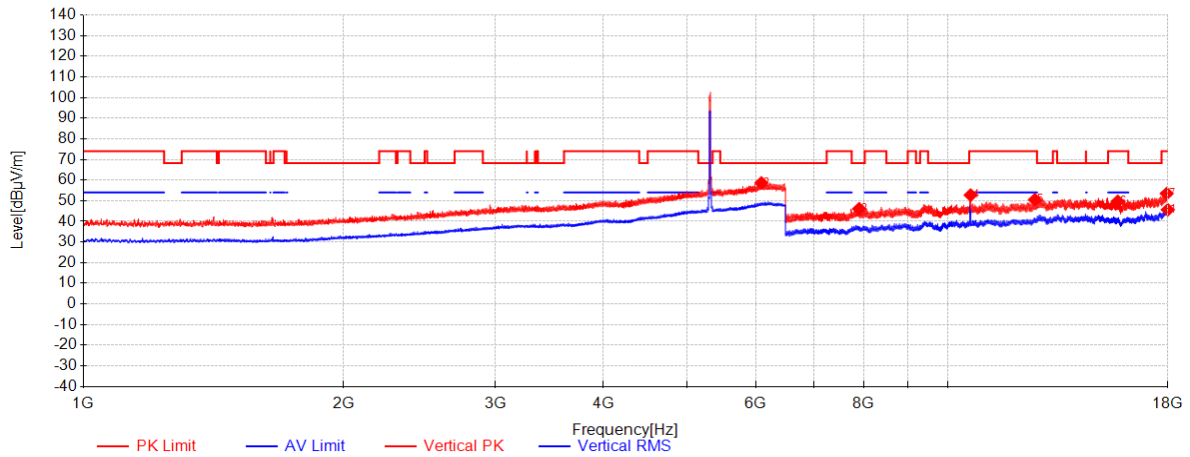
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17997.3167	34.73	41.69	-30.94	45.49	54.00	8.51	Vertical
2	6236.4583	40.40	34.97	-16.89	58.48	68.20	9.72	Vertical
3	7577.1667	49.20	36.45	-41.85	43.80	74.00	30.20	Vertical
4	10599.3667	52.94	38.82	-36.67	55.09	68.20	13.11	Vertical
5	12658.25	45.67	39.49	-34.92	50.24	74.00	23.76	Vertical
6	16221.7167	47.07	38.18	-33.05	52.19	68.20	16.01	Vertical
7	17855.1	43.73	41.28	-31.48	53.53	74.00	20.47	Vertical

11ax(HE20)_TX_CH_64_Horizontal



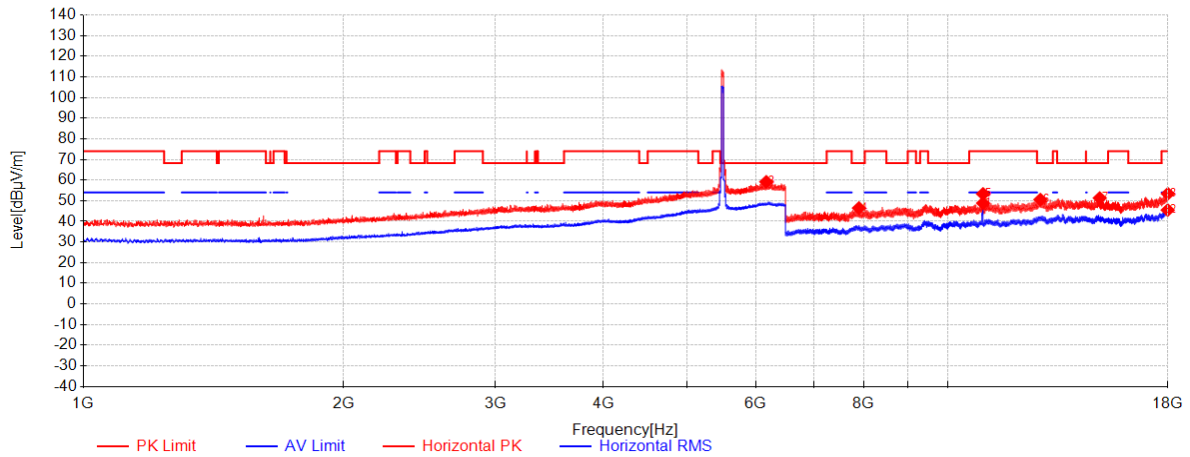
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17958.2167	35.07	41.58	-31.01	45.64	54.00	8.36	Horizontal
2	6116.375	40.01	34.73	-16.70	58.04	68.20	10.16	Horizontal
3	7784.1667	48.75	36.87	-41.13	44.49	68.20	23.71	Horizontal
4	10637.7	50.15	38.87	-36.38	52.64	74.00	21.36	Horizontal
5	12618.7667	44.80	39.44	-35.39	48.85	74.00	25.15	Horizontal
6	14626.2833	44.52	40.02	-34.36	50.18	68.20	18.02	Horizontal
7	17848.5833	43.84	41.26	-31.54	53.56	74.00	20.44	Horizontal

11ax(HE20)_TX_CH_64_Vertical



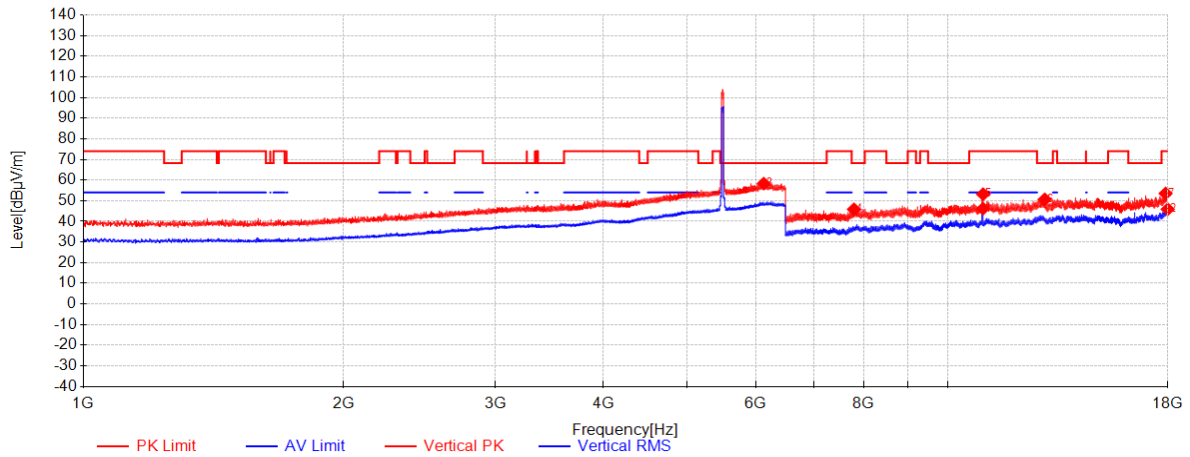
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17995.0167	34.88	41.69	-30.94	45.63	54.00	8.37	Vertical
2	6092.5417	40.67	34.69	-16.71	58.64	68.20	9.56	Vertical
3	7905.6833	50.46	37.11	-41.48	46.09	68.20	22.11	Vertical
4	10640.3833	50.23	38.87	-36.36	52.74	74.00	21.26	Vertical
5	12627.2	46.35	39.45	-35.29	50.51	74.00	23.49	Vertical
6	15749.45	44.42	38.45	-33.14	49.73	74.00	24.27	Vertical
7	17942.8833	43.01	41.53	-31.04	53.50	74.00	20.50	Vertical

11ax(HE20)_TX_CH_100_Horizontal



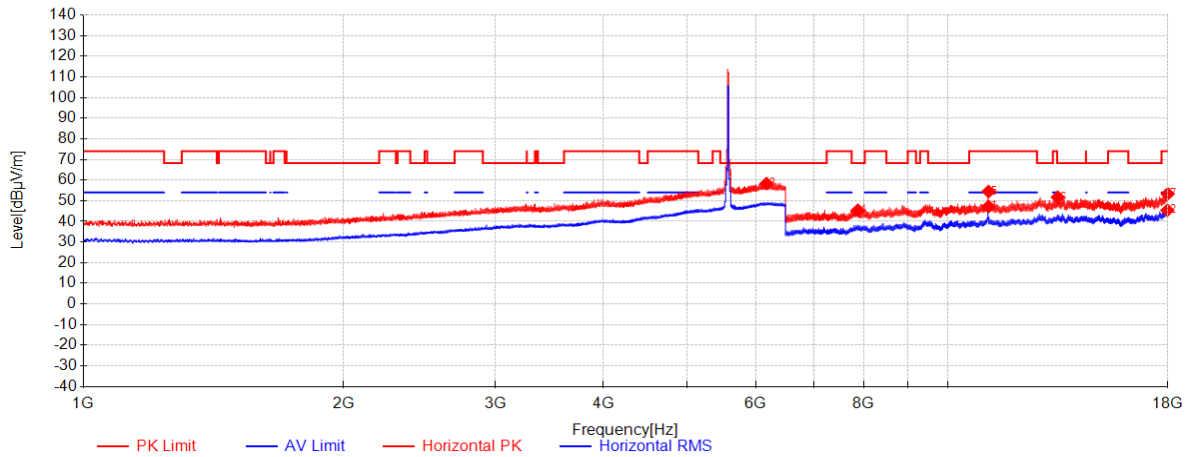
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	10999.1833	45.52	39.30	-35.99	48.83	54.00	5.17	Horizontal
2	17990.4167	34.77	41.67	-30.95	45.49	54.00	8.51	Horizontal
3	6171.8333	41.12	34.84	-16.77	59.19	68.20	9.01	Horizontal
4	7901.0833	50.87	37.10	-41.50	46.48	68.20	21.72	Horizontal
5	10998.8	50.01	39.30	-35.99	53.32	74.00	20.68	Horizontal
6	12814.2667	45.60	39.68	-34.73	50.54	68.20	17.66	Horizontal
7	15010	45.77	39.78	-34.24	51.31	68.20	16.89	Horizontal
8	17996.55	42.66	41.69	-30.94	53.41	74.00	20.59	Horizontal

11ax(HE20)_TX_CH_100_Verical



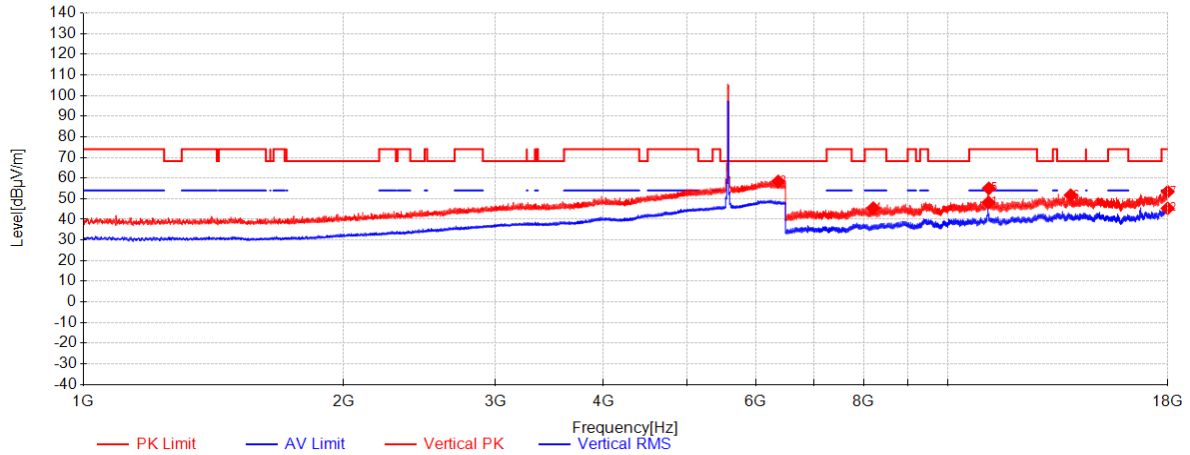
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	10998.0333	42.87	39.30	-35.99	46.17	54.00	7.83	Vertical
2	17990.4167	35.18	41.67	-30.95	45.90	54.00	8.10	Vertical
3	6130.5833	40.29	34.76	-16.72	58.33	68.20	9.87	Vertical
4	7796.8167	49.98	36.89	-41.04	45.83	68.20	22.37	Vertical
5	11000.3333	49.85	39.30	-35.99	53.16	74.00	20.84	Vertical
6	12963.3833	45.86	39.86	-35.05	50.67	68.20	17.53	Vertical
7	17887.3	43.38	41.37	-31.23	53.52	74.00	20.48	Vertical

11ax(HE20)_TX_CH_116_Horizontal



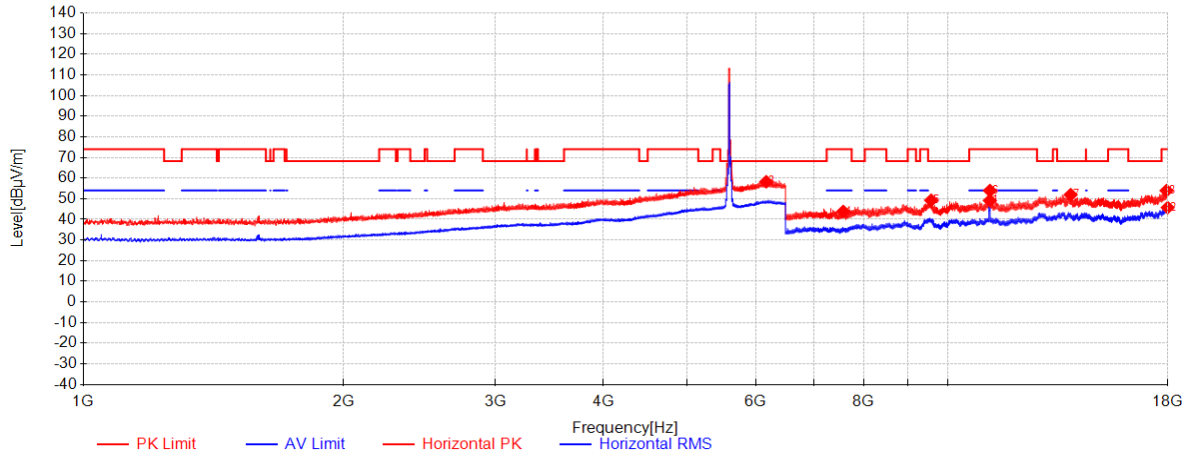
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11160.95	43.32	39.20	-35.33	47.19	54.00	6.81	Horizontal
2	17973.1667	34.76	41.62	-30.98	45.40	54.00	8.60	Horizontal
3	6175.9583	40.27	34.85	-16.78	58.34	68.20	9.86	Horizontal
4	7877.7	49.72	37.06	-41.39	45.38	68.20	22.82	Horizontal
5	11161.7167	50.60	39.20	-35.32	54.48	74.00	19.52	Horizontal
6	13420.3167	46.20	40.11	-34.60	51.71	68.20	16.49	Horizontal
7	17990.4167	42.62	41.67	-30.95	53.34	74.00	20.66	Horizontal

11ax(HE20)_TX_CH_116_Vertical



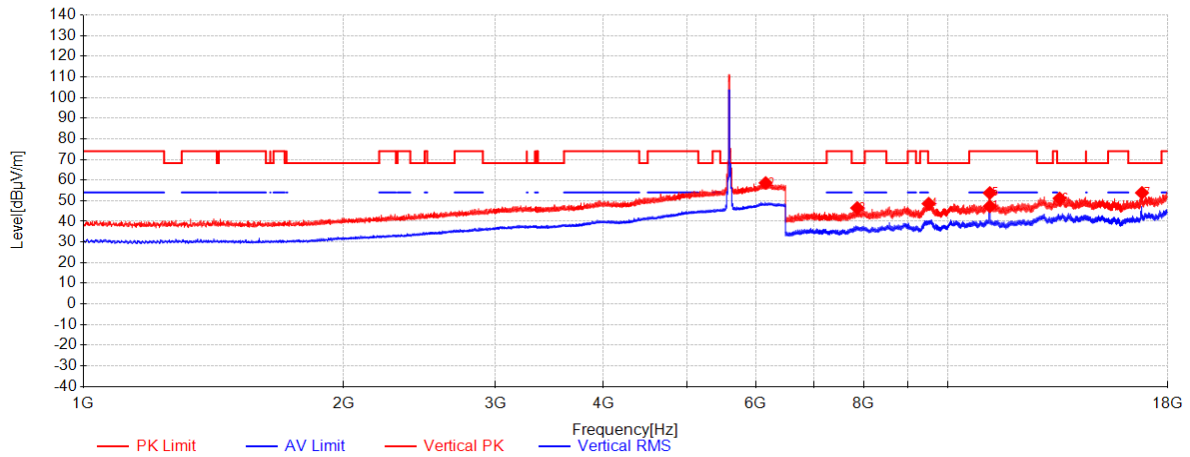
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11160.5667	44.32	39.20	-35.33	48.19	54.00	5.81	Vertical
2	17987.7333	34.64	41.66	-30.95	45.35	54.00	8.65	Vertical
3	6372.125	39.88	35.24	-16.71	58.42	68.20	9.78	Vertical
4	8208.9	48.62	37.45	-40.60	45.46	74.00	28.54	Vertical
5	11169.7667	51.08	39.20	-35.27	55.01	74.00	18.99	Vertical
6	13894.8833	45.22	40.35	-33.87	51.70	68.20	16.50	Vertical
7	17990.4167	42.70	41.67	-30.95	53.42	74.00	20.58	Vertical

11ax(HE20)_TX_CH_120_Horizontal



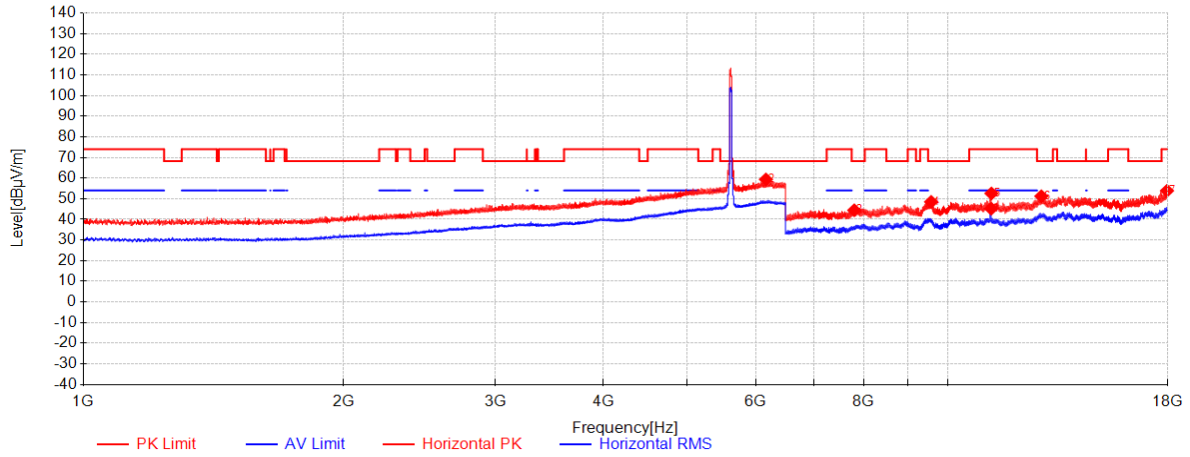
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11199.2833	45.02	39.18	-35.06	49.14	54.00	4.86	Horizontal
2	17988.5	35.01	41.67	-30.95	45.72	54.00	8.28	Horizontal
3	6171.8333	40.18	34.84	-16.77	58.25	68.20	9.95	Horizontal
4	7576.7833	49.22	36.45	-41.86	43.82	74.00	30.18	Horizontal
5	9577.0167	49.46	38.06	-38.28	49.24	68.20	18.96	Horizontal
6	11200.4333	49.83	39.18	-35.06	53.95	74.00	20.05	Horizontal
7	13891.05	45.53	40.35	-33.92	51.95	68.20	16.25	Horizontal
8	17932.9167	43.50	41.51	-31.06	53.94	74.00	20.06	Horizontal

11ax(HE20)_TX_CH_120_Vertical



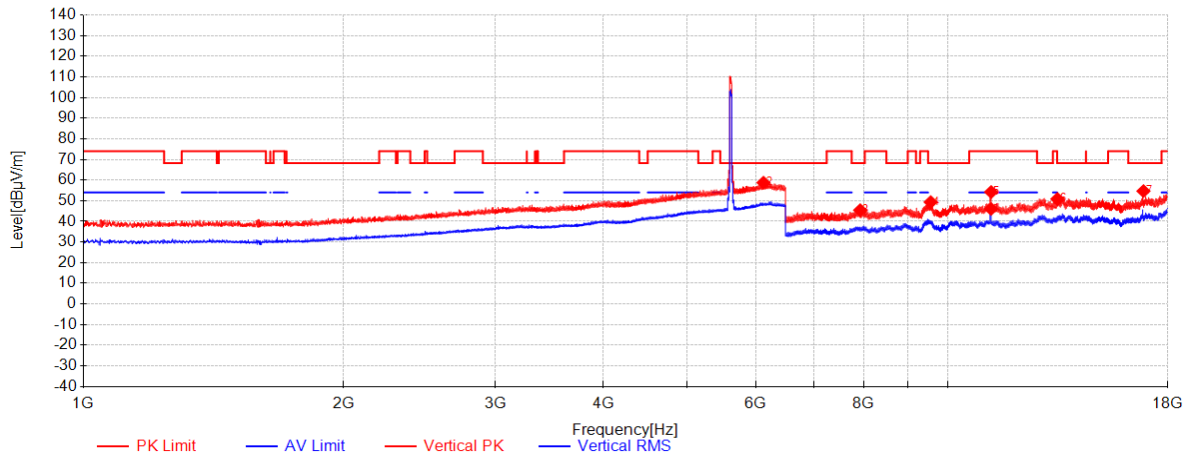
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11199.2833	43.16	39.18	-35.06	47.28	54.00	6.72	Vertical
2	6162.2083	40.57	34.82	-16.76	58.63	68.20	9.57	Vertical
3	7865.8167	50.79	37.03	-41.34	46.49	68.20	21.71	Vertical
4	9515.3	48.97	38.05	-38.45	48.57	68.20	19.63	Vertical
5	11199.2833	49.65	39.18	-35.06	53.77	74.00	20.23	Vertical
6	13488.55	46.07	40.14	-35.07	51.14	68.20	17.06	Vertical
7	16799.0167	47.50	38.64	-32.29	53.85	68.20	14.35	Vertical

11ax(HE20)_TX_CH_124_Horizontal



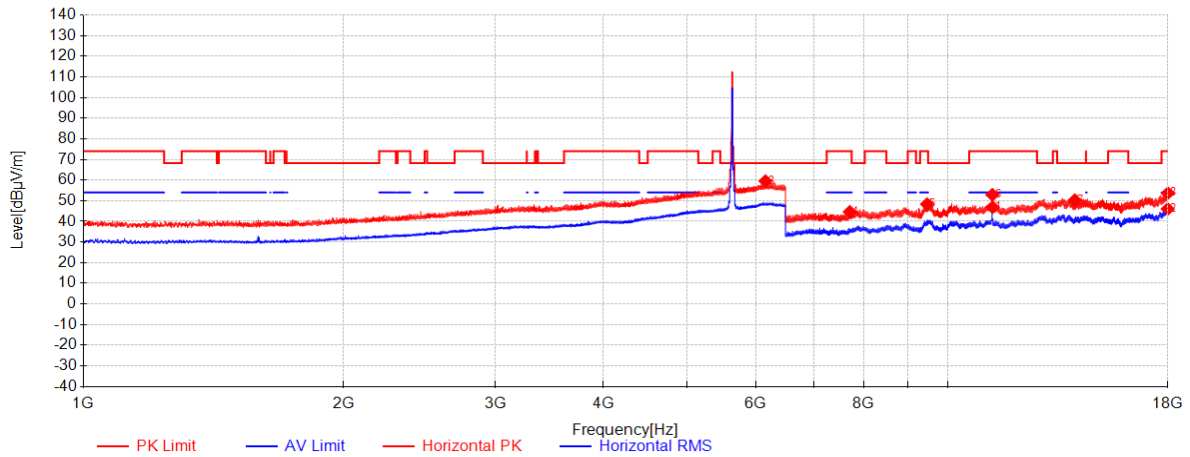
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11238	41.44	39.16	-35.42	45.17	54.00	8.83	Horizontal
2	6166.7917	41.29	34.83	-16.77	59.36	68.20	8.84	Horizontal
3	7803.3333	48.55	36.91	-41.04	44.42	68.20	23.78	Horizontal
4	9578.9333	48.71	38.06	-38.28	48.49	68.20	19.71	Horizontal
5	11247.2	48.94	39.15	-35.51	52.58	74.00	21.42	Horizontal
6	12846.85	46.14	39.72	-34.63	51.23	68.20	16.97	Horizontal
7	17956.6833	43.33	41.57	-31.02	53.89	74.00	20.11	Horizontal

11ax(HE20)_TX_CH_124_Vertical



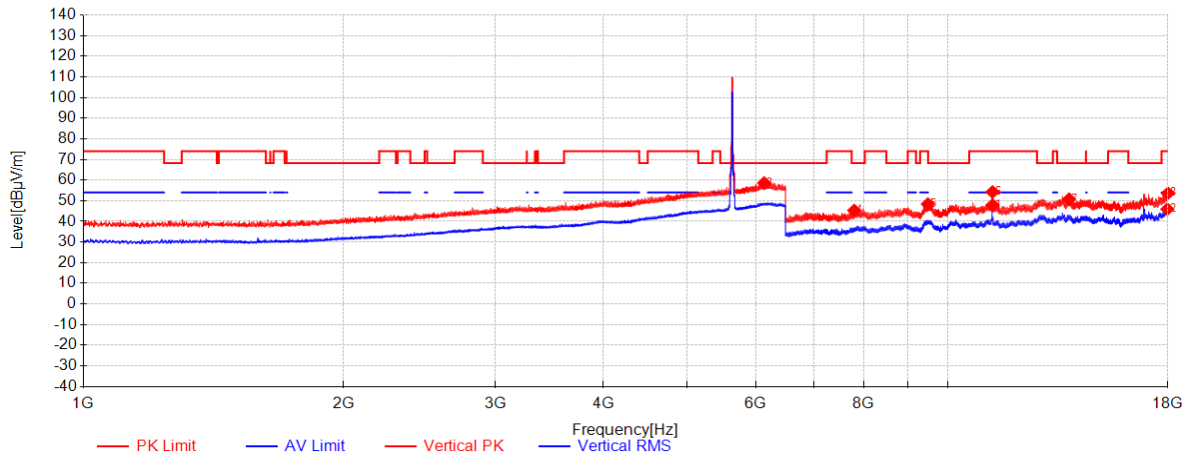
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11234.9333	42.29	39.16	-35.40	46.05	54.00	7.95	Vertical
2	6126.4583	40.73	34.75	-16.71	58.77	68.20	9.43	Vertical
3	7928.6833	49.68	37.16	-41.41	45.43	68.20	22.77	Vertical
4	9566.2833	49.60	38.06	-38.31	49.35	68.20	18.85	Vertical
5	11238.3833	50.51	39.16	-35.43	54.24	74.00	19.76	Vertical
6	13409.5833	45.28	40.10	-34.53	50.86	68.20	17.34	Vertical
7	16863.8	48.50	38.69	-32.50	54.69	68.20	13.51	Vertical

11ax(HE20)_TX_CH_128_Horizontal



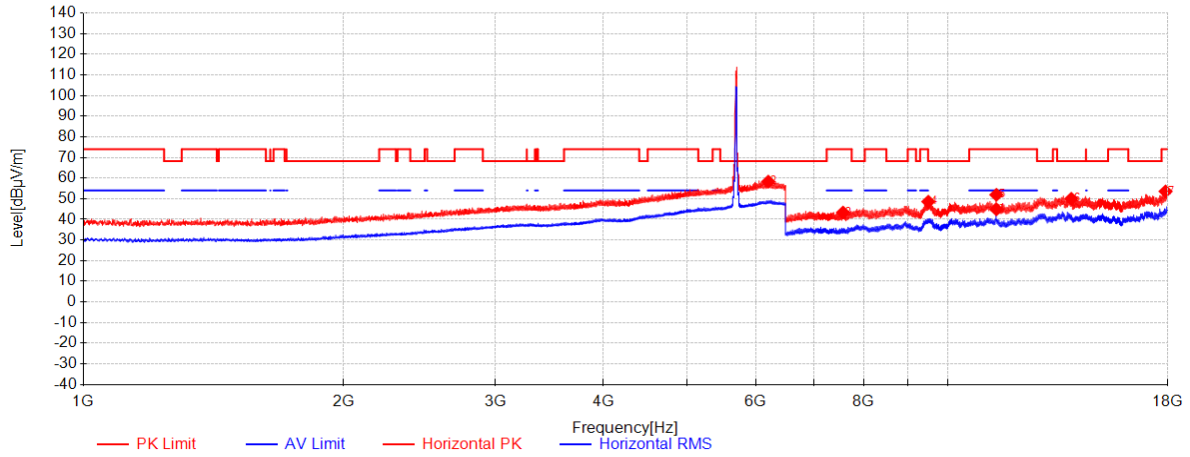
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11281.7	43.58	39.13	-35.84	46.87	54.00	7.13	Horizontal
2	17991.95	35.30	41.68	-30.95	46.03	54.00	7.97	Horizontal
3	6159	41.46	34.82	-16.76	59.52	68.20	8.68	Horizontal
4	7712.4833	49.52	36.72	-41.62	44.62	74.00	29.38	Horizontal
5	9475.05	48.81	38.05	-38.52	48.34	74.00	25.66	Horizontal
6	11275.95	49.54	39.13	-35.79	52.89	74.00	21.11	Horizontal
7	14042.85	45.10	40.37	-35.19	50.29	68.20	17.91	Horizontal
8	17995.4	42.89	41.69	-30.94	53.64	74.00	20.36	Horizontal

11ax(HE20)_TX_CH_128_Vertical



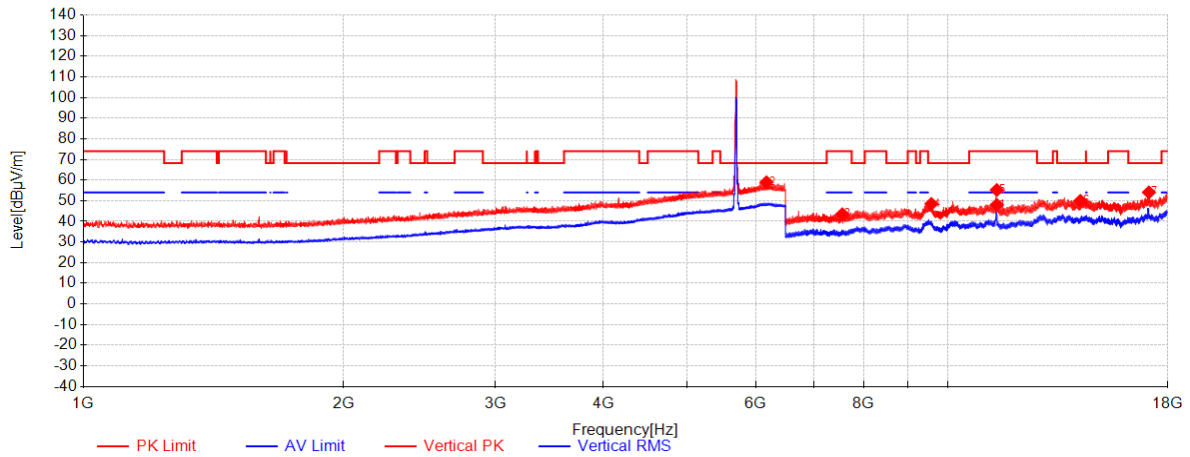
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11282.0833	44.62	39.13	-35.85	47.90	54.00	6.10	Vertical
2	17973.55	35.27	41.62	-30.98	45.91	54.00	8.09	Vertical
3	6138.375	40.56	34.78	-16.73	58.61	68.20	9.59	Vertical
4	7802.95	49.40	36.91	-41.03	45.27	68.20	22.93	Vertical
5	9494.2167	48.85	38.05	-38.50	48.40	74.00	25.60	Vertical
6	11279.7833	50.95	39.13	-35.83	54.26	74.00	19.74	Vertical
7	13832.0167	45.15	40.32	-34.72	50.75	68.20	17.45	Vertical
8	17998.0833	42.85	41.69	-30.93	53.61	74.00	20.39	Vertical

11ax(HE20)_TX_CH_140_Horizontal



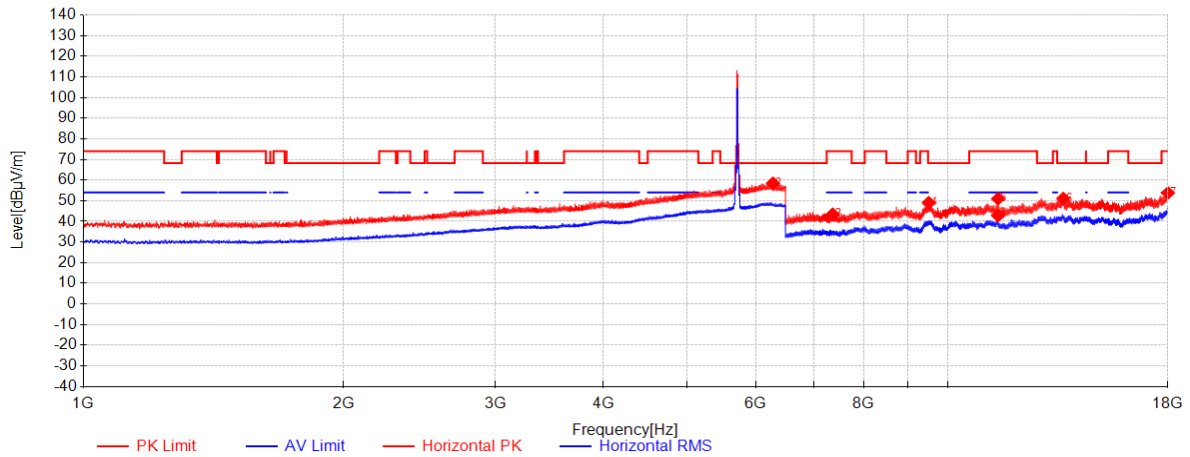
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11395.9333	41.40	39.06	-35.63	44.84	54.00	9.16	Horizontal
2	6205.2917	40.23	34.91	-16.82	58.32	68.20	9.88	Horizontal
3	7573.3333	48.78	36.45	-41.86	43.36	74.00	30.64	Horizontal
4	9506.4833	49.02	38.05	-38.47	48.60	68.20	19.60	Horizontal
5	11396.3167	48.49	39.06	-35.63	51.93	74.00	22.07	Horizontal
6	13915.5833	43.71	40.36	-34.07	50.00	68.20	18.20	Horizontal
7	17887.3	43.42	41.37	-31.23	53.56	74.00	20.44	Horizontal

11ax(HE20)_TX_CH_140_Vertical



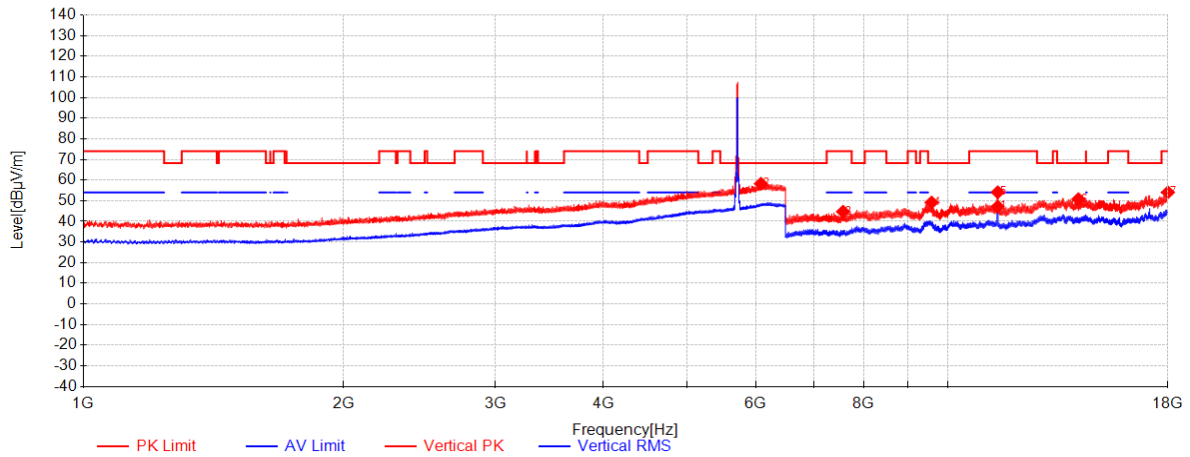
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11409.35	44.61	39.05	-35.63	48.03	54.00	5.97	Vertical
2	6175.0417	40.91	34.85	-16.78	58.98	68.20	9.22	Vertical
3	7558.3833	48.99	36.42	-41.90	43.51	74.00	30.49	Vertical
4	9584.6833	48.70	38.06	-38.26	48.50	68.20	19.70	Vertical
5	11408.9667	51.82	39.05	-35.63	55.24	74.00	18.76	Vertical
6	14254.45	44.87	40.25	-35.14	49.97	68.20	18.23	Vertical
7	17112.2	46.59	39.13	-31.64	54.08	68.20	14.12	Vertical

11ax(HE20)_TX_CH_144_Horizontal



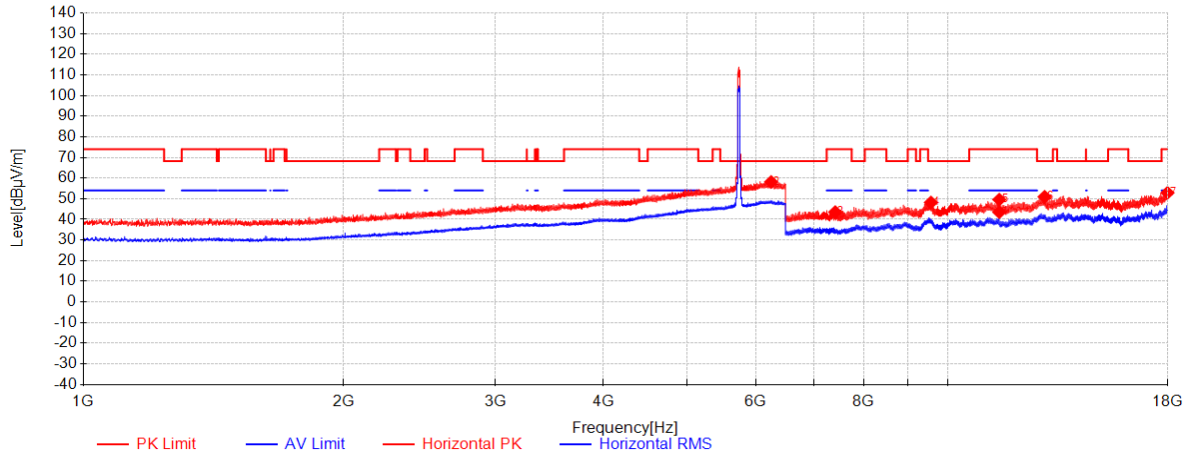
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11443.4667	39.49	39.03	-35.72	42.81	54.00	11.19	Horizontal
2	6283.2083	40.38	35.07	-17.00	58.45	68.20	9.75	Horizontal
3	7367.4833	49.21	36.30	-42.07	43.44	74.00	30.56	Horizontal
4	9516.0667	49.43	38.05	-38.45	49.03	68.20	19.17	Horizontal
5	11447.3	47.70	39.03	-35.73	51.00	74.00	23.00	Horizontal
6	13618.5	45.15	40.21	-34.28	51.08	68.20	17.12	Horizontal
7	18000	43.02	41.70	-30.93	53.79	74.00	20.21	Horizontal

11ax(HE20)_TX_CH_144_Vertical



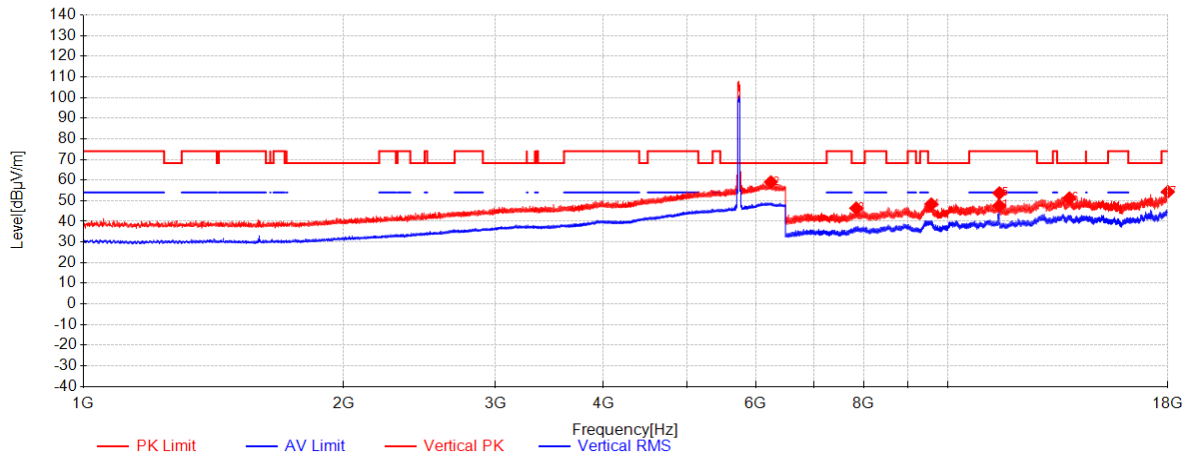
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11437.3333	43.86	39.04	-35.70	47.19	54.00	6.81	Vertical
2	6084.75	40.33	34.67	-16.75	58.25	68.20	9.95	Vertical
3	7573.3333	50.12	36.45	-41.86	44.70	74.00	29.30	Vertical
4	9588.9	49.36	38.06	-38.25	49.17	68.20	19.03	Vertical
5	11439.25	50.81	39.04	-35.71	54.14	74.00	19.86	Vertical
6	14179.7	45.74	40.29	-35.23	50.81	68.20	17.39	Vertical
7	17998.0833	43.31	41.69	-30.93	54.07	74.00	19.93	Vertical

11ax(HE20)_TX_CH_149_Horizontal



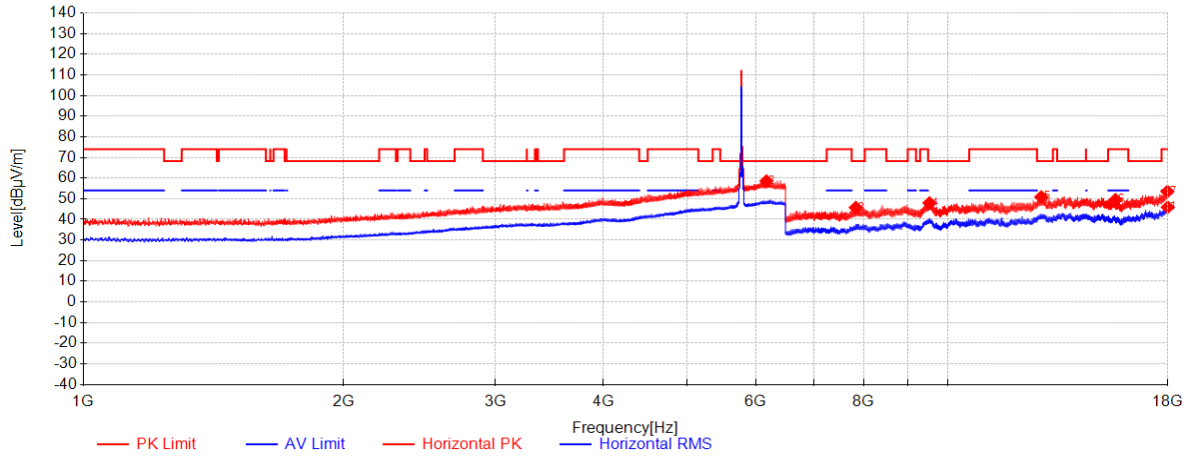
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11484.8667	40.27	39.01	-35.82	43.46	54.00	10.54	Horizontal
2	6252.9583	40.07	35.01	-16.93	58.14	68.20	10.06	Horizontal
3	7417.7	49.25	36.30	-42.03	43.52	74.00	30.48	Horizontal
4	9572.0333	48.42	38.06	-38.30	48.18	68.20	20.02	Horizontal
5	11484.4833	46.39	39.01	-35.82	49.58	74.00	24.42	Horizontal
6	12961.4667	46.13	39.85	-35.03	50.95	68.20	17.25	Horizontal
7	17980.45	42.23	41.64	-30.97	52.90	74.00	21.10	Horizontal

11ax(HE20)_TX_CH_149_Vertical



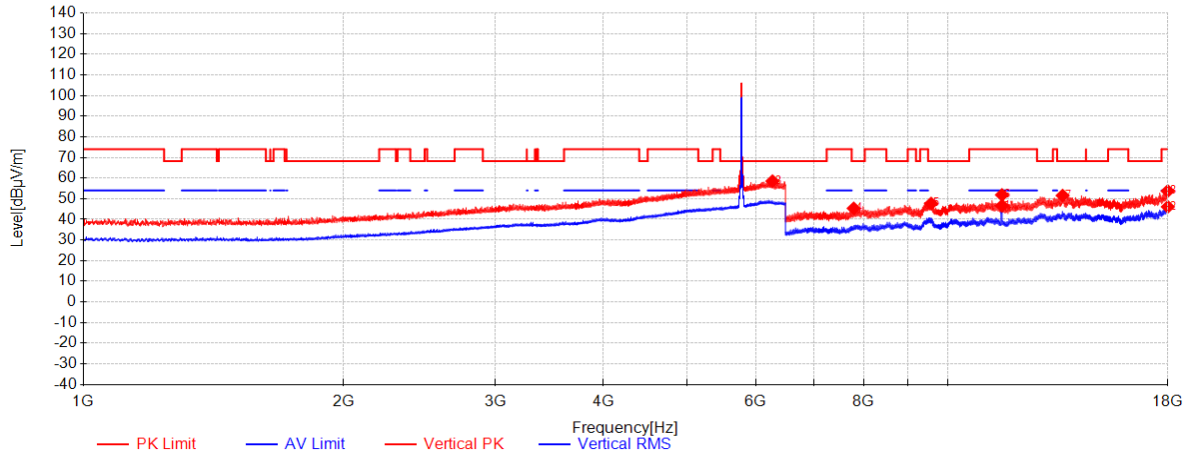
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11485.6333	44.42	39.01	-35.82	47.60	54.00	6.40	Vertical
2	6248.375	41.00	35.00	-16.92	59.08	68.20	9.12	Vertical
3	7844.7333	50.61	36.99	-41.23	46.36	68.20	21.84	Vertical
4	9580.4667	48.54	38.06	-38.27	48.33	68.20	19.87	Vertical
5	11488.7	50.53	39.01	-35.83	53.71	74.00	20.29	Vertical
6	13845.05	45.52	40.32	-34.54	51.30	68.20	16.90	Vertical
7	17997.7	43.59	41.69	-30.93	54.35	74.00	19.65	Vertical

11ax(HE20)_TX_CH_157_Horizontal



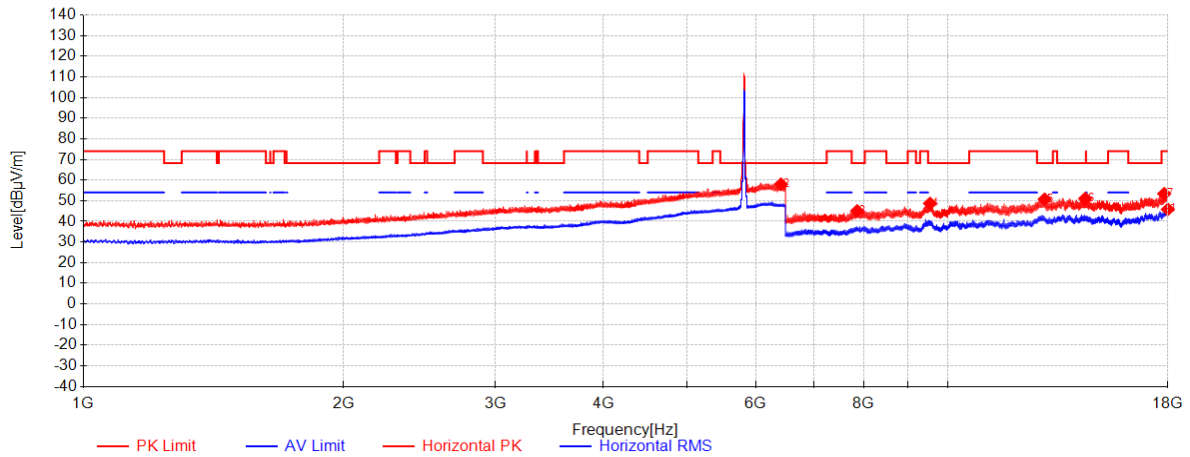
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17993.4833	35.15	41.68	-30.94	45.89	54.00	8.11	Horizontal
2	6174.5833	40.50	34.85	-16.78	58.57	68.20	9.63	Horizontal
3	7835.15	49.94	36.97	-41.19	45.72	68.20	22.48	Horizontal
4	9535.6167	48.29	38.05	-38.39	47.95	68.20	20.25	Horizontal
5	12844.1667	45.76	39.71	-34.64	50.83	68.20	17.37	Horizontal
6	15652.0833	44.09	38.63	-33.21	49.50	74.00	24.50	Horizontal
7	17975.85	42.86	41.63	-30.98	53.51	74.00	20.49	Horizontal

11ax(HE20)_TX_CH_157_Vertical



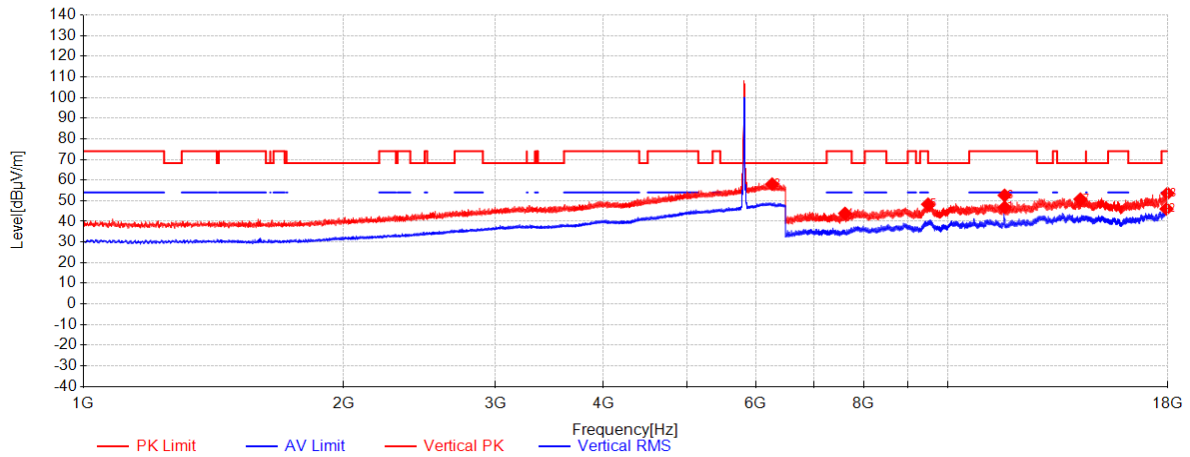
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11568.8167	43.06	38.96	-35.40	46.62	54.00	7.38	Vertical
2	17997.3167	35.34	41.69	-30.94	46.10	54.00	7.90	Vertical
3	6275.4167	40.47	35.05	-16.98	58.54	68.20	9.66	Vertical
4	7792.6	49.52	36.89	-41.07	45.33	68.20	22.87	Vertical
5	9577.7833	47.89	38.06	-38.28	47.67	68.20	20.53	Vertical
6	11568.4333	48.29	38.96	-35.40	51.85	74.00	22.15	Vertical
7	13595.8833	45.45	40.20	-34.09	51.56	68.20	16.64	Vertical
8	17991.95	43.02	41.68	-30.95	53.75	74.00	20.25	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	17998.0833	35.06	41.69	-30.93	45.82	54.00	8.18	Horizontal
2	6419.3333	39.28	35.34	-16.61	58.01	68.20	10.19	Horizontal
3	7862.75	49.36	37.03	-41.32	45.06	68.20	23.14	Horizontal
4	9549.8	48.98	38.05	-38.36	48.68	68.20	19.52	Horizontal
5	12959.55	45.90	39.85	-35.01	50.74	68.20	17.46	Horizontal
6	14439.6	45.11	40.14	-34.18	51.07	68.20	17.13	Horizontal
7	17821.75	43.99	41.18	-31.75	53.42	74.00	20.58	Horizontal

11ax(HE20)_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	11650.0833	43.32	38.91	-35.42	46.81	54.00	7.19	Vertical
2	17933.6833	35.60	41.51	-31.06	46.05	54.00	7.95	Vertical
3	6269.9167	39.97	35.04	-16.97	58.04	68.20	10.16	Vertical
4	7614.35	49.12	36.53	-41.79	43.86	74.00	30.14	Vertical
5	9499.5833	48.73	38.05	-38.49	48.29	74.00	25.71	Vertical
6	11649.7	49.11	38.91	-35.42	52.60	74.00	21.40	Vertical
7	14255.6	45.63	40.25	-35.14	50.74	68.20	17.46	Vertical
8	17980.45	42.89	41.64	-30.97	53.56	74.00	20.44	Vertical

7.3 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+Cor.1-2023 Section 6.10.5 & 12.7.2

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: 22 °C

Humidity: 43 % RH

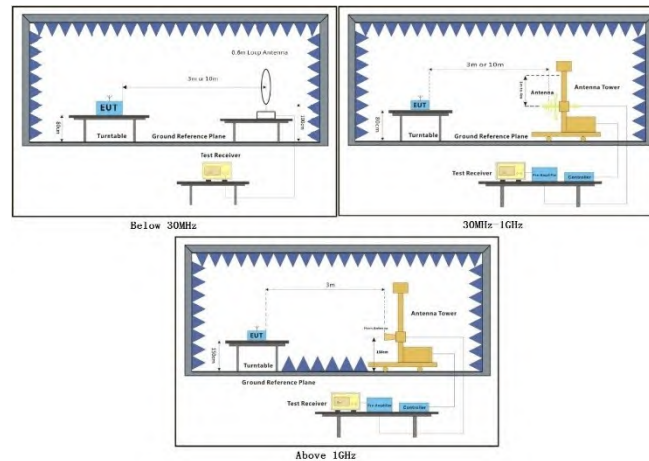
Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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	09	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	10	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	11	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

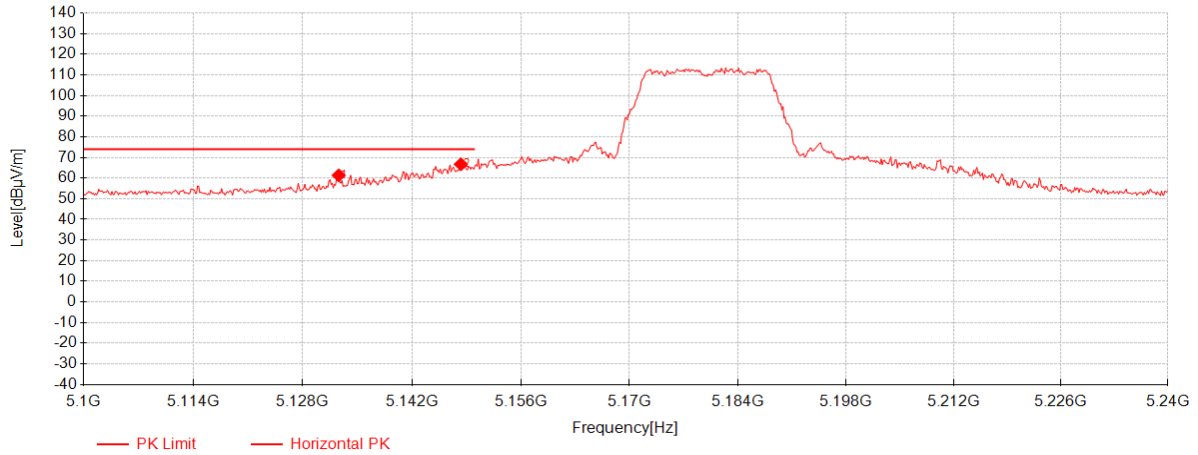
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5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

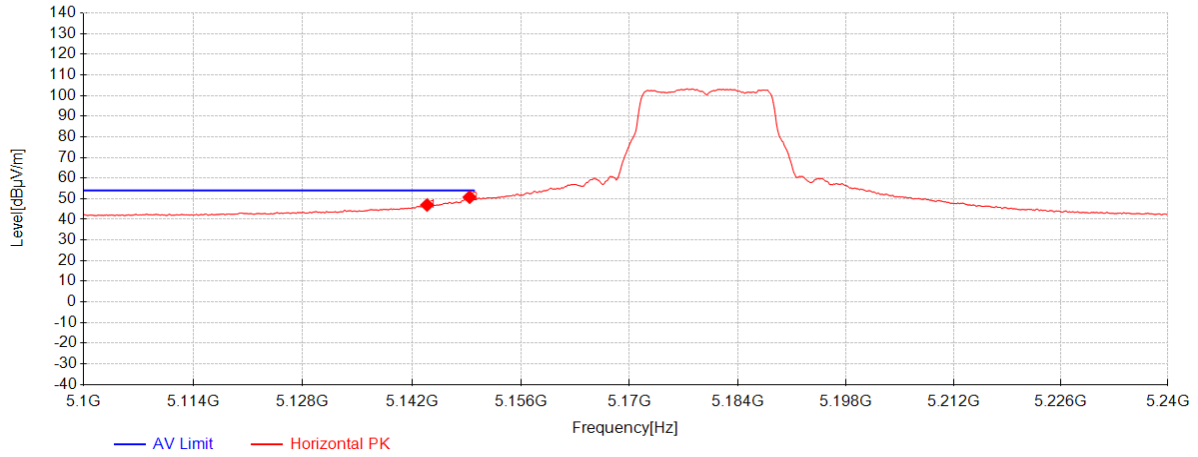
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



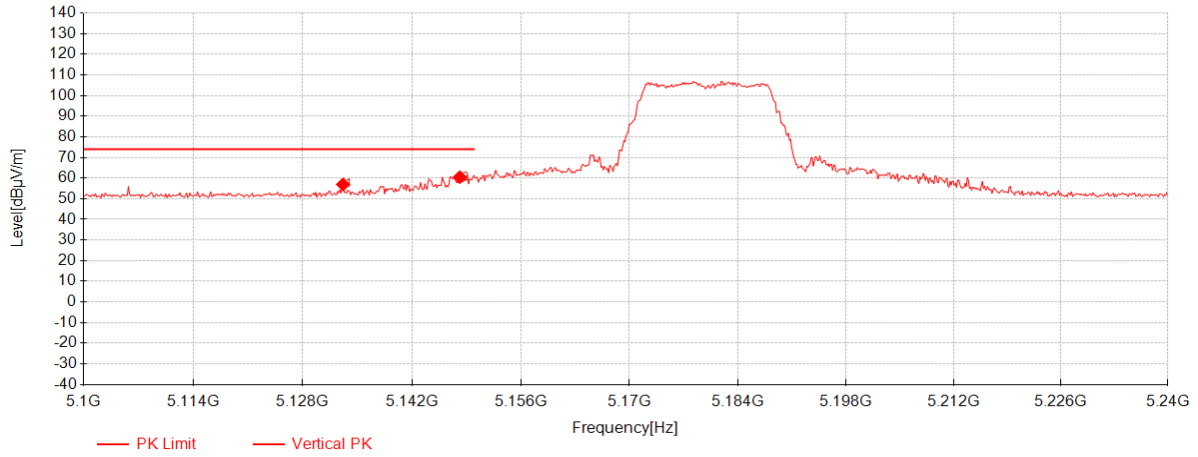
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5132.62	46.52	33.07	-18.23	61.36	74.00	12.64	Horizontal
2	5148.3	51.84	33.07	-18.19	66.73	74.00	7.27	Horizontal

11a_TX_CH_36_Horizontal_Average



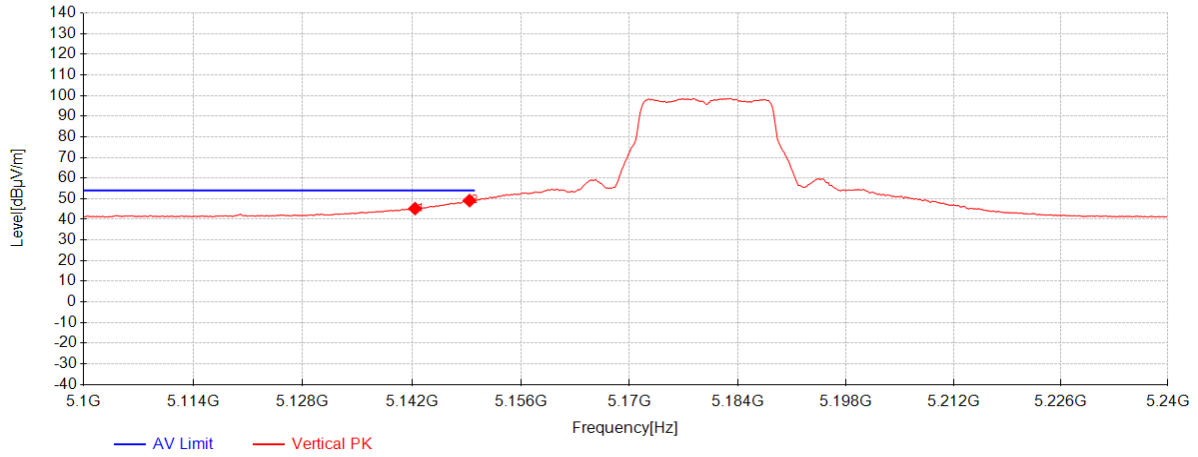
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.96	32.09	33.07	-18.20	46.96	54.00	7.04	Horizontal
2	5149.42	35.86	33.07	-18.18	50.75	54.00	3.25	Horizontal

11a_TX_CH_36_Vertical_Peak



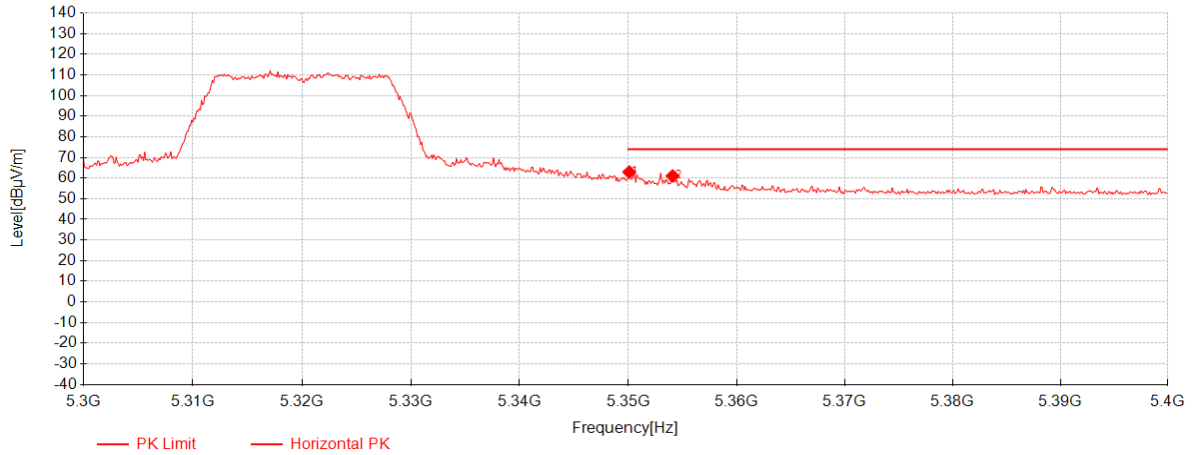
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5133.18	42.12	33.07	-18.23	56.96	74.00	17.04	Vertical
2	5148.16	45.58	33.07	-18.19	60.46	74.00	13.54	Vertical

11a_TX_CH_36_Vertical_Average



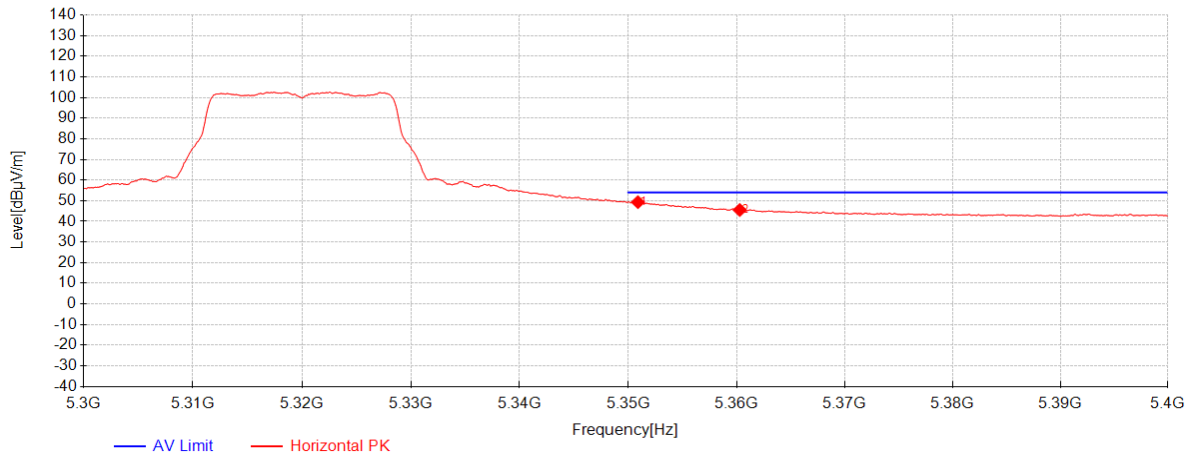
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.42	30.36	33.07	-18.20	45.23	54.00	8.77	Vertical
2	5149.42	34.20	33.07	-18.18	49.09	54.00	4.91	Vertical

11a_TX_CH_64_Horizontal_Peak



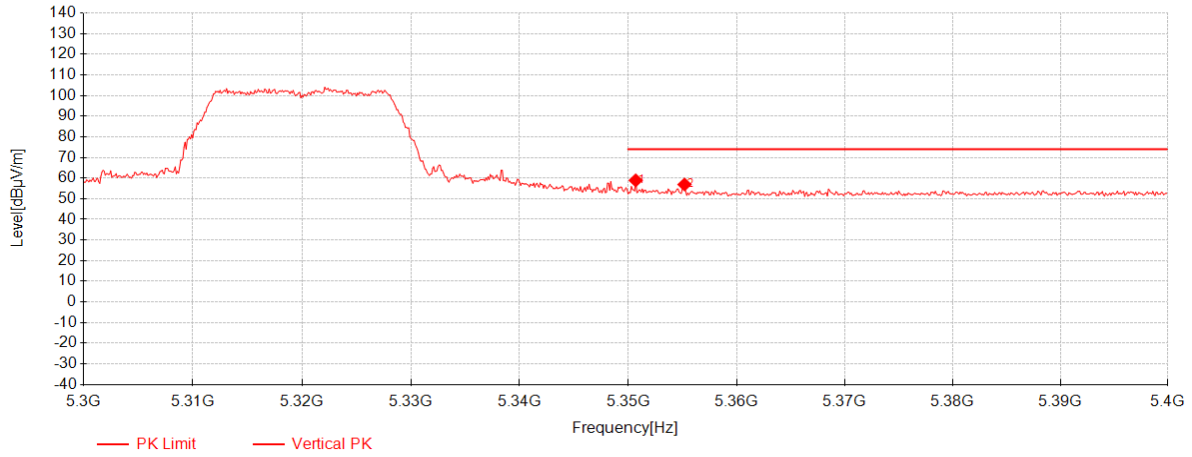
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	47.67	33.03	-17.75	62.95	74.00	11.05	Horizontal
2	5354.1	45.75	33.03	-17.76	61.02	74.00	12.98	Horizontal

11a_TX_CH_64_Horizontal_Average



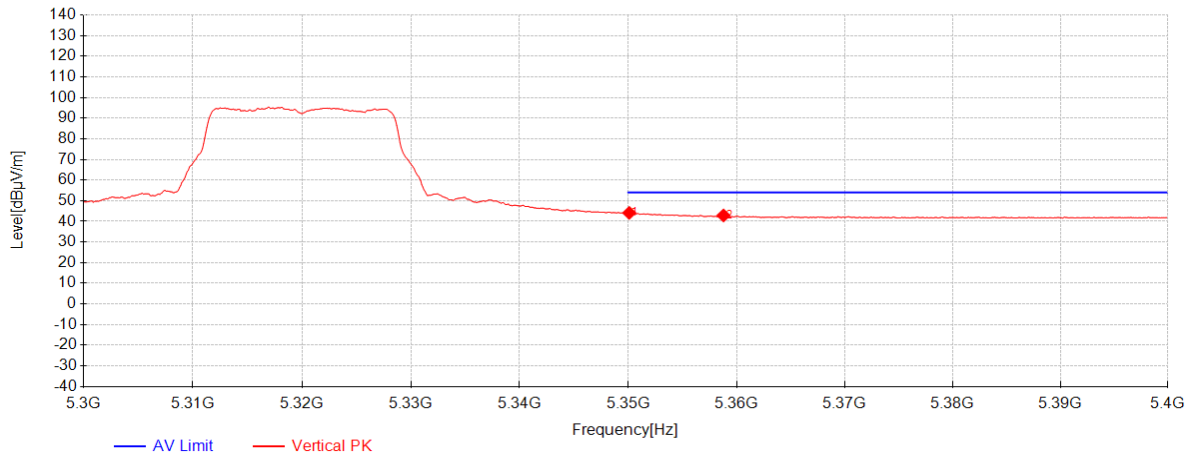
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.9	34.04	33.03	-17.75	49.32	54.00	4.68	Horizontal
2	5360.3	30.27	33.03	-17.76	45.53	54.00	8.47	Horizontal

11a_TX_CH_64_Vertical_Peak



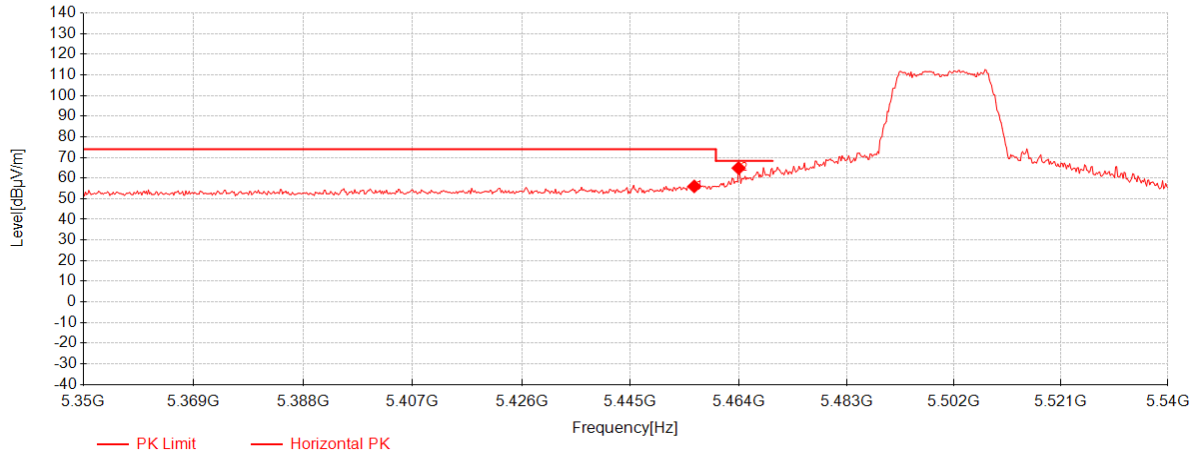
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.7	43.64	33.03	-17.75	58.92	74.00	15.08	Vertical
2	5355.2	41.65	33.03	-17.76	56.92	74.00	17.08	Vertical

11a_TX_CH_64_Vertical_Average



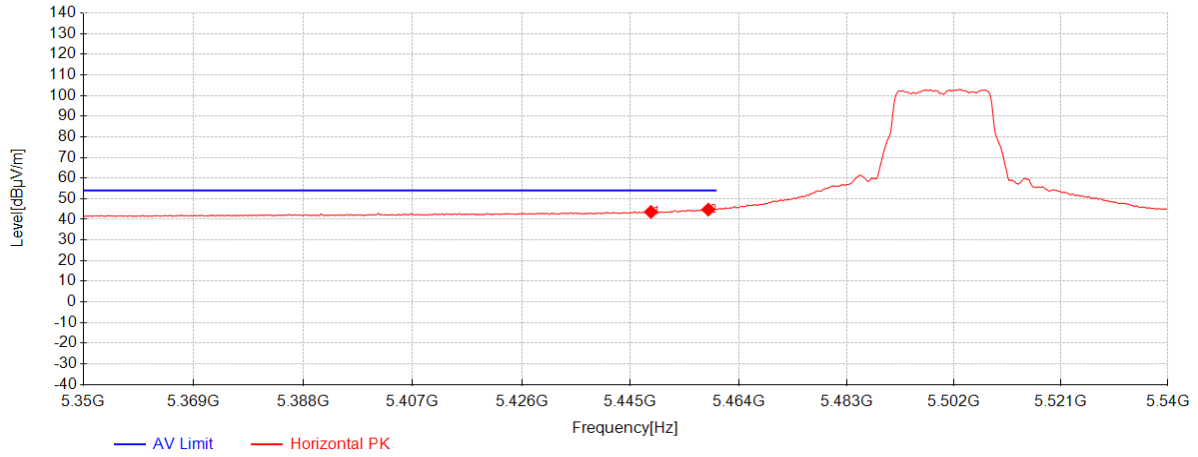
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	28.84	33.03	-17.75	44.12	54.00	9.88	Vertical
2	5358.8	27.59	33.03	-17.76	42.86	54.00	11.14	Vertical

11a_TX_CH_100_Horizontal_Peak



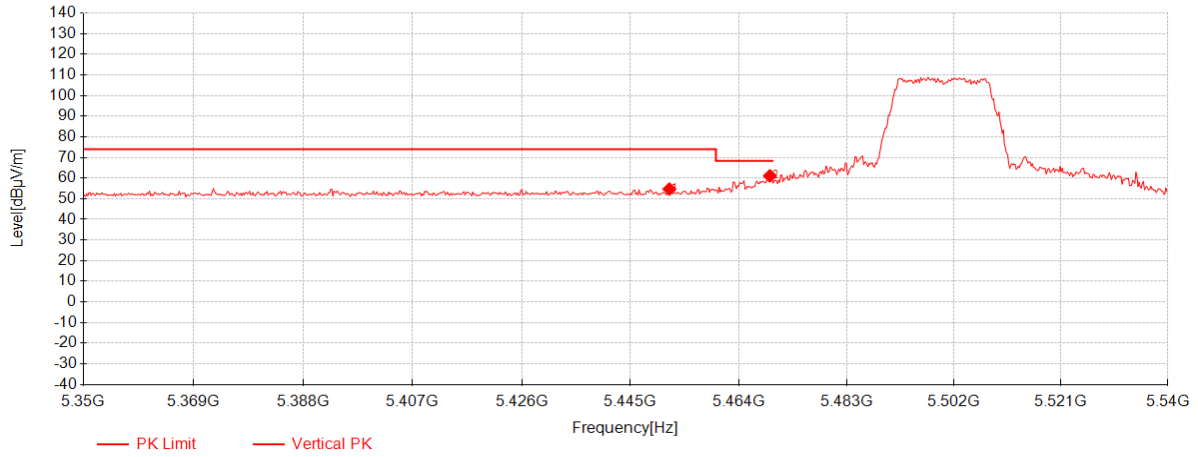
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.21	40.63	33.01	-17.65	55.99	74.00	18.01	Horizontal
2	5464	49.47	33.01	-17.63	64.85	68.30	3.45	Horizontal

11a_TX_CH_100_Horizontal_Average



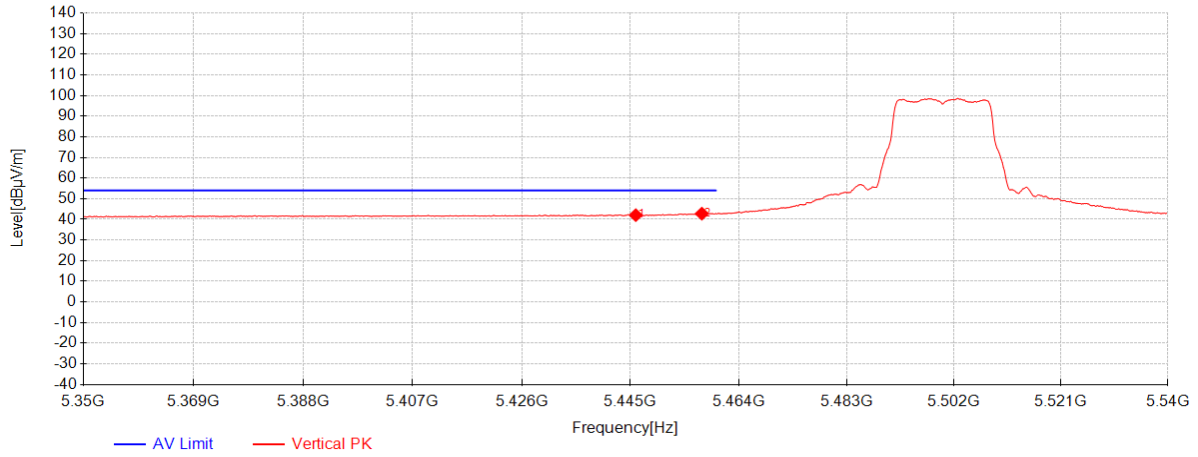
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5448.61	28.27	33.01	-17.67	43.61	54.00	10.39	Horizontal
2	5458.68	29.37	33.01	-17.64	44.73	54.00	9.27	Horizontal

11a_TX_CH_100_Vertical_Peak



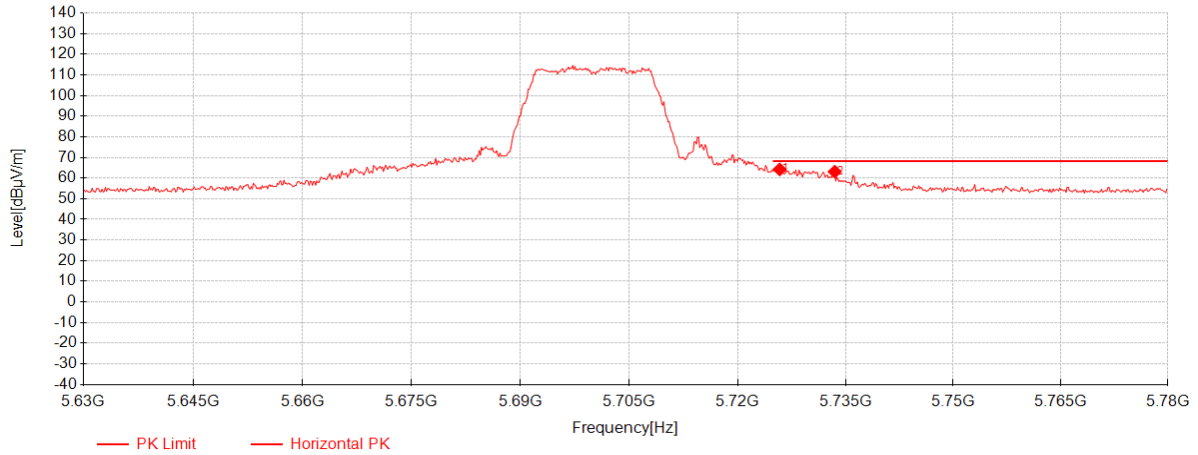
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5451.84	39.34	33.01	-17.66	54.69	74.00	19.31	Vertical
2	5469.51	45.70	33.01	-17.61	61.09	68.30	7.21	Vertical

11a_TX_CH_100_Vertical_Average



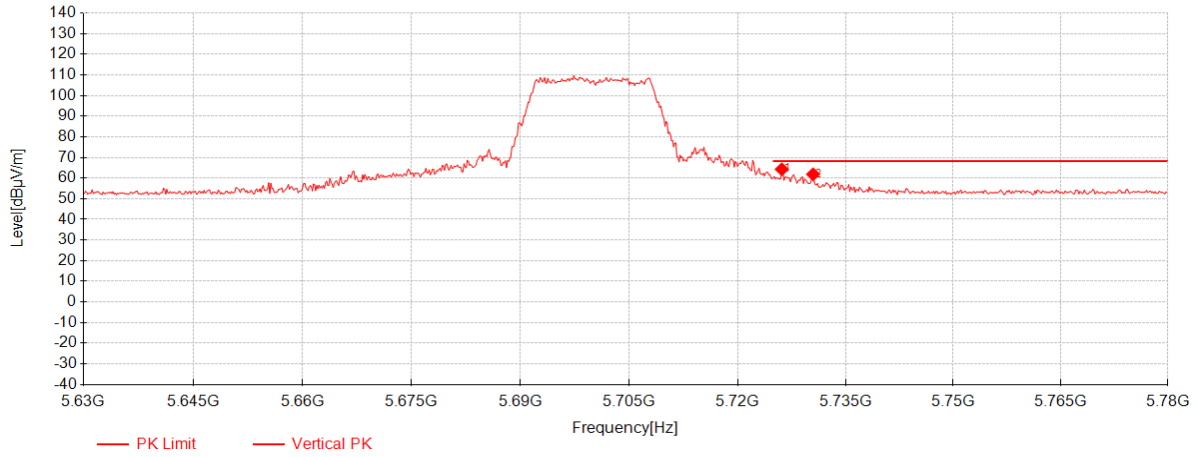
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5445.95	26.71	33.01	-17.68	42.04	54.00	11.96	Vertical
2	5457.54	27.42	33.01	-17.65	42.78	54.00	11.22	Vertical

11a_TX_CH_140_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.85	47.79	33.68	-17.25	64.22	68.20	3.98	Horizontal
2	5733.5	46.65	33.70	-17.23	63.12	68.20	5.08	Horizontal

11a_TX_CH_140_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5726.15	47.85	33.68	-17.25	64.28	68.20	3.92	Vertical
2	5730.5	45.42	33.69	-17.24	61.88	68.20	6.32	Vertical