TEST REPORT

Application No.:	SUCR2511001074MO
FCC ID:	XMR2025FGMC63N
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:	WiFi & Bluetooth Module
Model No.:	FGMC63N
Trade Mark:	QUECTEL
Standard(s) :	47 CFR Part 15, Subpart E 15.407
Date of Receipt:	2025-11-04
Date of Test:	2025-12-24 to 2025-12-26
Date of Issue:	2025-12-30
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	2025-12-30	/

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	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) 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
In-Band Emissions		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (b)	Pass
Contention-based Protocol		KDB 987594 D02	47 CFR Part 15, Subpart E 15.407 (d)(6)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.2	ANSI C63.10 (2020) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2020) Section 12.5.3	Pass
26dB Emission bandwidth		ANSI C63.10 (2020) Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	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

3 Contents

Page

1 COVER PAGE 1

2 Test Summary 3

3 Contents 4

4 General Information 5

4.1 Details of E.U.T. 5
4.2 Environment Parameter 5
4.3 Description of Support Units 5
4.4 Measurement Uncertainty & Decision Rule 6
4.5 Test Location 7
4.6 Test Facility 7
4.7 Deviation from Standards 7
4.8 Abnormalities from Standard Conditions 7

5 Equipment List 8

6 Radio Spectrum Technical Requirement 10

6.1 Antenna Requirement 10

7 Radio Spectrum Matter Test Results 11

7.1 Radiated Emissions (Below 1GHz) 11
7.2 Radiated Emissions (Above 1GHz) 15
7.3 Radiated Emissions which fall in the restricted bands 66
7.4 In-Band Emissions 108
7.5 Contention-based Protocol 110
7.6 Duty Cycle 111
7.7 99% Bandwidth 112
7.8 26dB Emission bandwidth 113
7.9 Maximum Conducted output power 114
7.10 Peak Power spectrum density 116

8 Test Setup Photo 118

9 EUT Constructional Details (EUT Photos) 118

10 Appendix 119

4 General Information

4.1 Details of E.U.T.

Power supply:	3.3V
Operation Frequency/Number of channels (20MHz):	U-NII-5: 5945-6405MHz (24 Channels); U-NII-6: 6425-6525MHz (6 Channels); U-NII-7: 6545-6865MHz (17Channels); U-NII-8: 6885-7105MHz (12Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11 a/ax 20: 20MHz
Antenna Type:	Dipole Antenna
Classification	Indoor Clients (6XD)
Antenna Gain:	U-NII-5: -0.90dBi (Provided by the manufacturer) U-NII-6: -0.80dBi (Provided by the manufacturer) U-NII-7: 0.90dBi (Provided by the manufacturer) U-NII-8: 1.60dBi (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

4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 7.25 x 10^{-8}
2	Duty cycle	± 0.37%
3	Occupied Bandwidth	± 3%
4	Conduction emission	± 3.0dB (150kHz to 30MHz)
5	RF conducted power	± 0.75dB
6	RF power density	± 2.84dB
7	Conducted Spurious emissions	± 0.75dB
8	RF Radiated power	±2.6dB (30MHz-1GHz)
		±2.7dB (1GHz-18GHz)
9	Temperature test	± 1°C
10	Humidity test	± 3%
11	Supply voltages	± 1%
12	Time	± 3%

Remark:
The U_{lab} (lab Uncertainty) is less than $U_{cispr/ETSI}$ (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
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 Ststion	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-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
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

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is Dipole Antenna and no consideration of replacement.

The best case gain of the antenna is

U-NII-5: -0.90dBi; U-NII-6: -0.80dBi; U-NII-7: 0.90dBi; U-NII-8: 1.60dBi; *

**Note:*

The antenna gain are derived from the gain information report provided by the manufacturer.

Remark:

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

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) Section 6.4,6.5

7.1.1 E.U.T. Operation

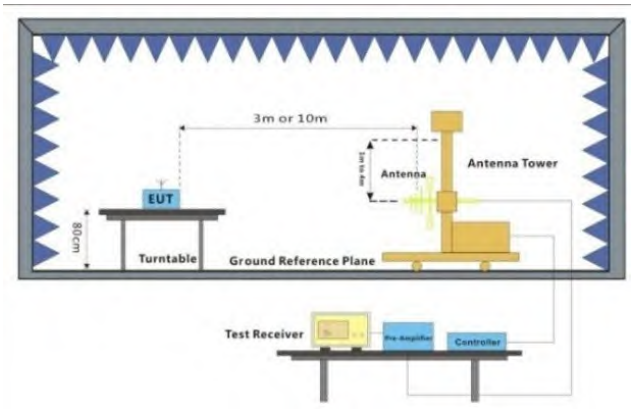
Operating Environment:

Temperature: 24 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

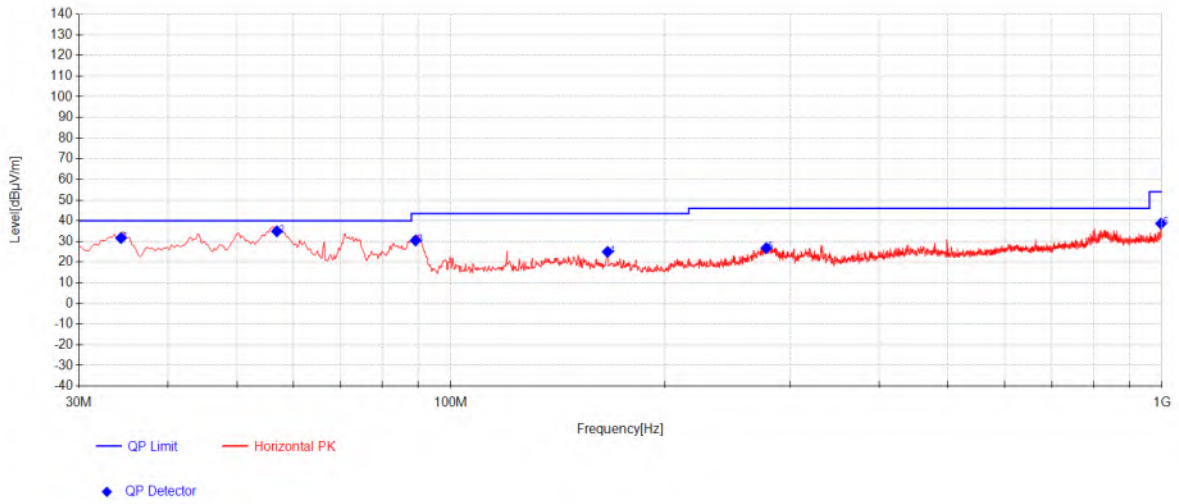
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For 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.

3. 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.

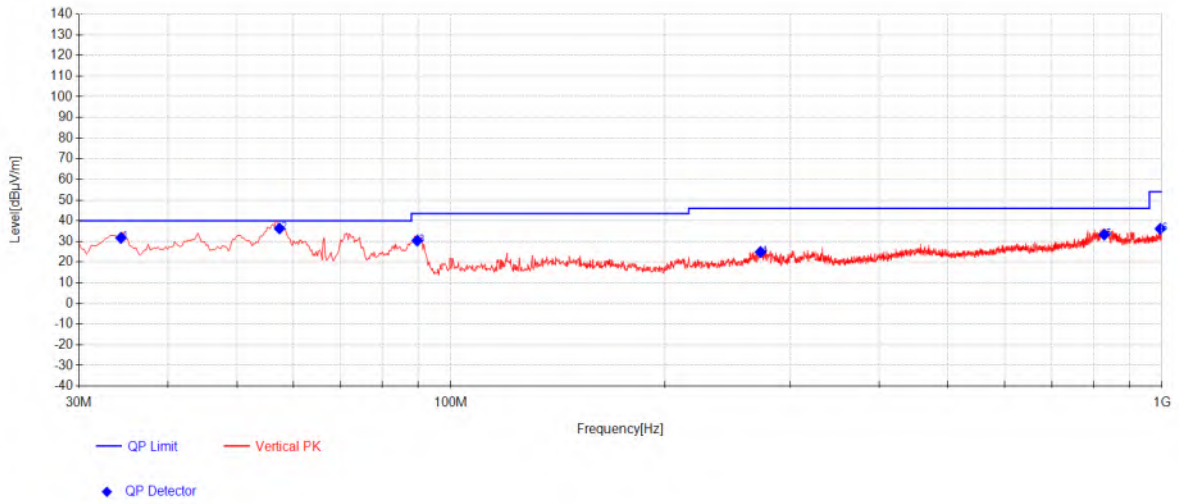
4. The disturbance below 1GHz was very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

Test Mode: 13; 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	34.365	46.87	18.75	-33.96	31.66	40.00	8.34	144	360	Horizontal
2	56.9175	48.84	19.63	-33.60	34.88	40.00	5.12	120	157	Horizontal
3	89.17	50.22	13.48	-33.27	30.44	43.50	13.06	160	187	Horizontal
4	166.0425	38.25	19.20	-32.47	24.98	43.50	18.52	161	348	Horizontal
5	277.5925	39.56	19.00	-31.75	26.81	46.00	19.19	139	187	Horizontal
6	996.3625	36.98	29.52	-27.84	38.66	54.00	15.34	151	168	Horizontal

Test Mode: 13; 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	34.365	46.93	18.75	-33.96	31.72	40.00	8.28	153	309	Vertical
2	57.4025	50.26	19.62	-33.59	36.29	40.00	3.71	192	155	Vertical
3	89.655	50.24	13.43	-33.26	30.41	43.50	13.09	154	186	Vertical
4	272.5	37.96	18.70	-31.79	24.87	46.00	21.13	162	217	Vertical
5	829.0375	33.9	28.30	-28.91	33.29	46.00	12.71	156	4	Vertical
6	994.18	34.12	29.86	-27.86	36.12	54.00	17.88	194	196	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) Section 6.6

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1GHz	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.		

7.2.1 E.U.T. Operation

Operating Environment:

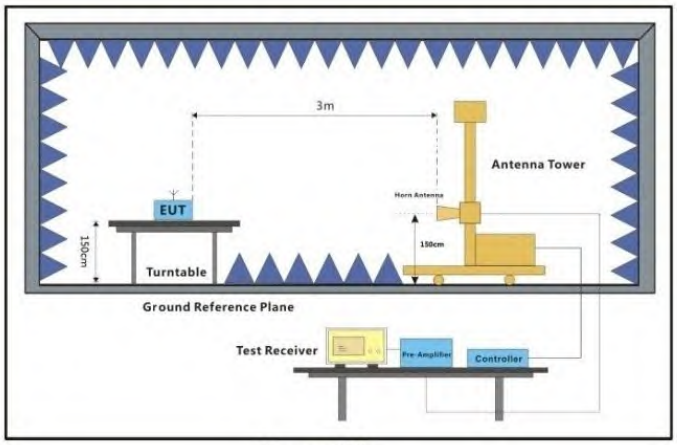
Temperature: 24 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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



Above 1GHz

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 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.

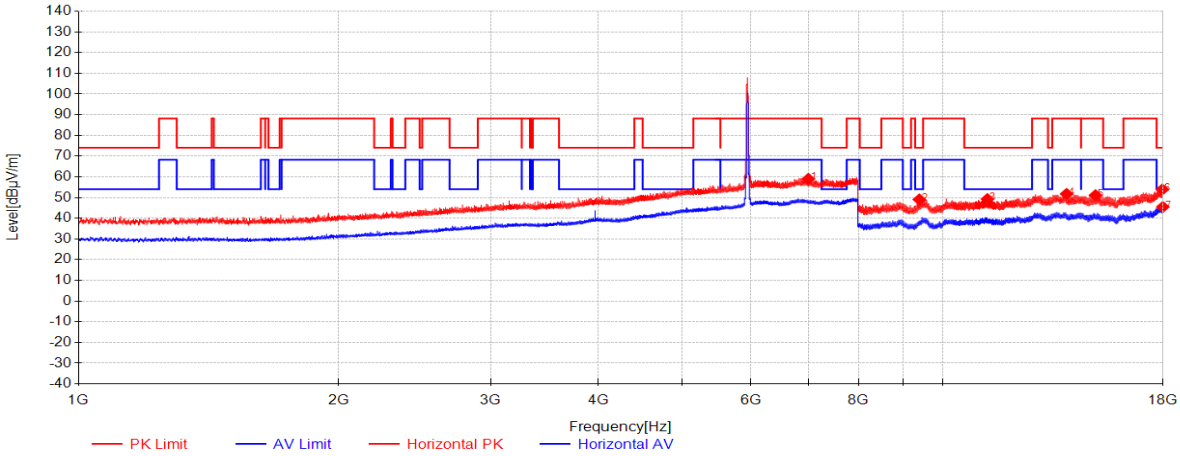
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

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.

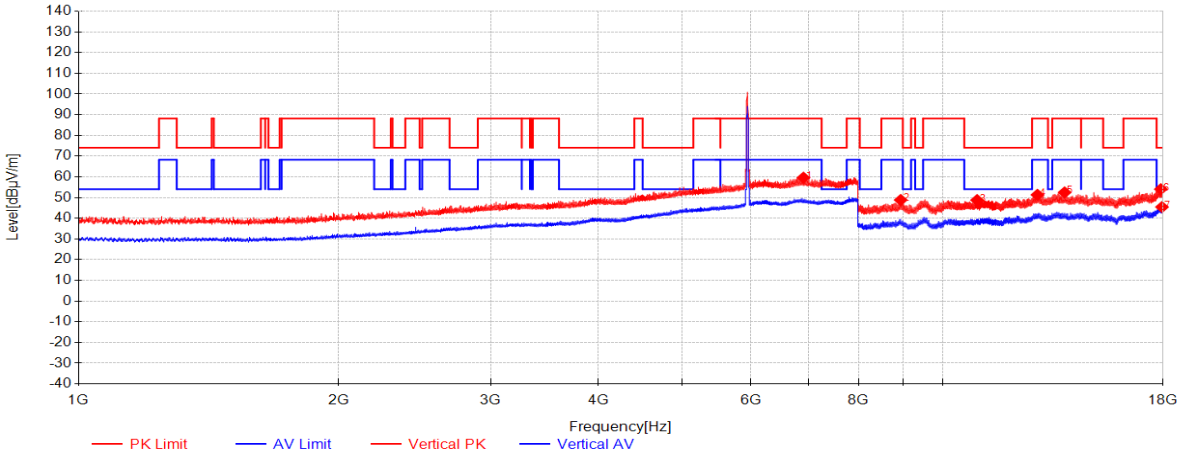
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geqslant$1/T (Duty cycle<98%) or 10Hz (Duty cycle$\geqslant$98%) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_001_Horizontal



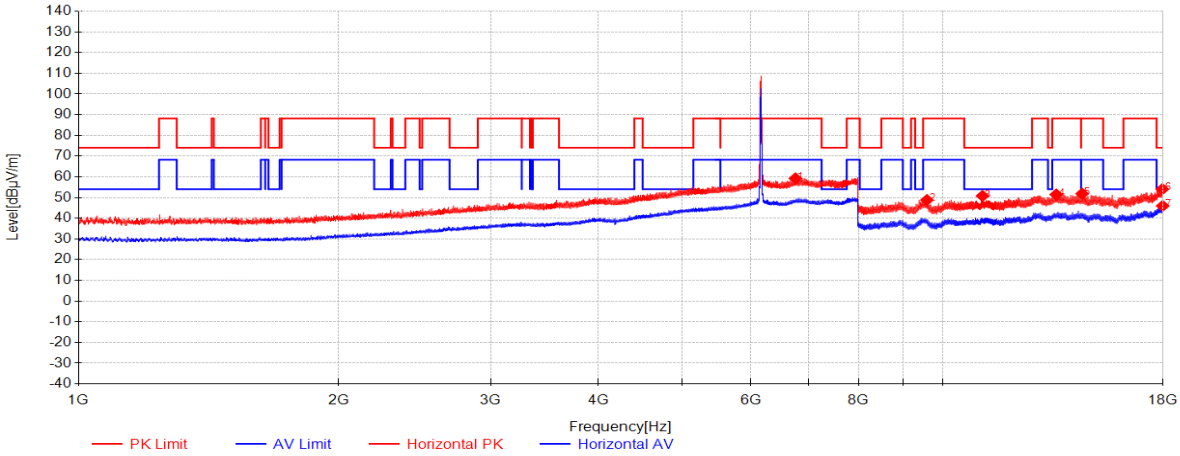
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6995.9375	39.99	36.29	-17.28	59.01	88.20	29.19	Horizontal
2	9404.6667	49.32	38.04	-38.32	49.04	74.00	24.96	Horizontal
3	11276.3333	45.50	39.13	-35.38	49.26	74.00	24.74	Horizontal
4	13924.6667	45.87	40.36	-34.48	51.75	88.20	36.45	Horizontal
5	15038.3333	45.29	39.73	-33.92	51.10	88.20	37.10	Horizontal
6	17970.6667	43.08	41.61	-30.81	53.88	74.00	20.12	Horizontal
7	17993.6667	34.53	41.68	-30.74	45.47	54.00	8.53	Horizontal

11a_TX_CH_001_Vertical



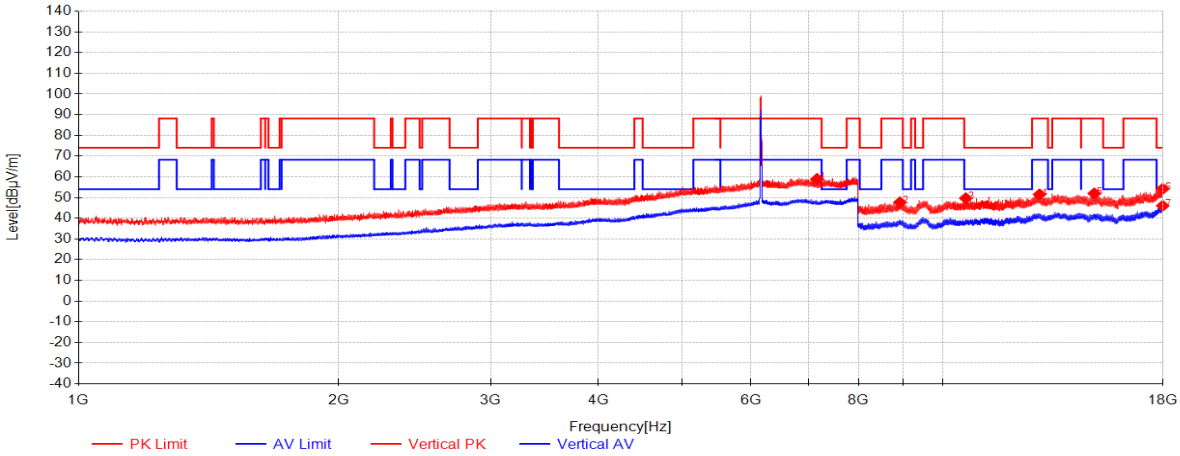
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6906.25	40.85	36.15	-17.39	59.61	88.20	28.59	Vertical
2	8950.3333	49.62	37.97	-38.77	48.81	88.20	39.39	Vertical
3	10970.3333	45.25	39.26	-35.75	48.76	74.00	25.24	Vertical
4	12883.6667	46.36	39.76	-34.81	51.31	88.20	36.89	Vertical
5	13851.6667	46.74	40.33	-34.59	52.48	88.20	35.72	Vertical
6	17899.6667	43.68	41.41	-31.04	54.05	74.00	19.95	Vertical
7	17955.3333	34.71	41.57	-30.86	45.42	54.00	8.58	Vertical

11a_TX_CH_045_Horizontal



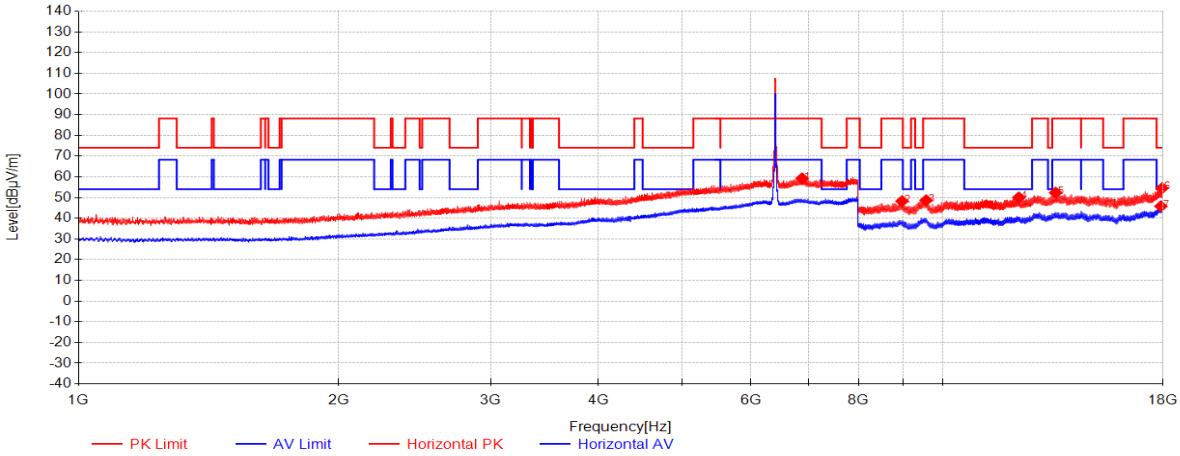
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6760.5625	40.26	35.92	-16.93	59.25	88.20	28.95	Horizontal
2	9598	48.60	38.06	-37.84	48.82	88.20	39.38	Horizontal
3	11129	47.17	39.22	-35.61	50.78	74.00	23.22	Horizontal
4	13546.3333	45.69	40.17	-34.42	51.45	88.20	36.75	Horizontal
5	14515.6667	46.38	40.09	-34.60	51.87	88.20	36.33	Horizontal
6	17974.3333	43.26	41.63	-30.80	54.08	74.00	19.92	Horizontal
7	17989.6667	35.05	41.67	-30.75	45.97	54.00	8.03	Horizontal

11a_TX_CH_045_Vertical



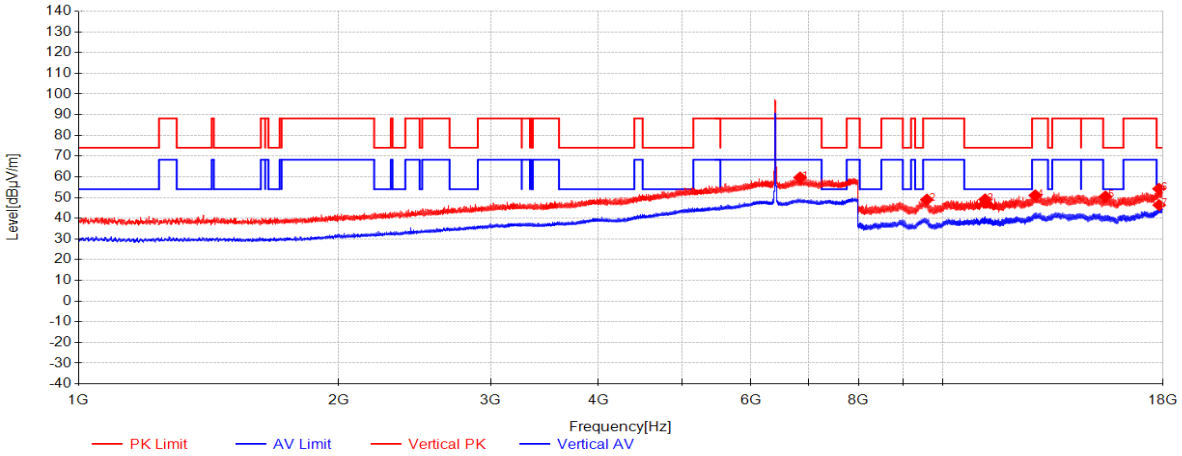
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7160	40.30	36.30	-17.65	58.95	88.20	29.25	Vertical
2	8930.6667	48.59	37.95	-38.87	47.67	88.20	40.53	Vertical
3	10643.6667	47.06	38.87	-36.30	49.64	74.00	24.36	Vertical
4	12956	46.51	39.85	-34.85	51.51	88.20	36.69	Vertical
5	14988.6667	46.04	39.81	-33.89	51.96	88.20	36.24	Vertical
6	17984	43.29	41.65	-30.77	54.17	74.00	19.83	Vertical
7	17990	35.11	41.67	-30.75	46.03	54.00	7.97	Vertical

11a_TX_CH_093_Horizontal



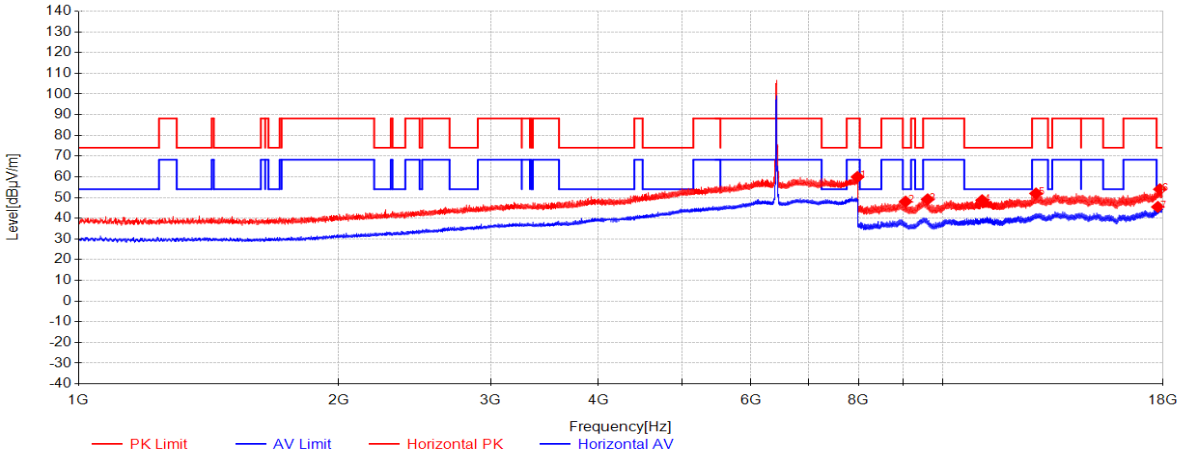
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6880.875	40.49	36.11	-17.33	59.27	88.20	28.93	Horizontal
2	8980.6667	48.90	37.99	-38.62	48.26	88.20	39.94	Horizontal
3	9577	48.53	38.06	-37.91	48.67	88.20	39.53	Horizontal
4	12260	45.61	39.01	-34.59	50.03	74.00	23.97	Horizontal
5	13522	46.62	40.16	-34.45	52.33	88.20	35.87	Horizontal
6	17957.3333	43.79	41.58	-30.86	54.51	74.00	19.49	Horizontal
7	17902	35.42	41.42	-31.03	45.80	54.00	8.20	Horizontal

11a_TX_CH_093_Vertical



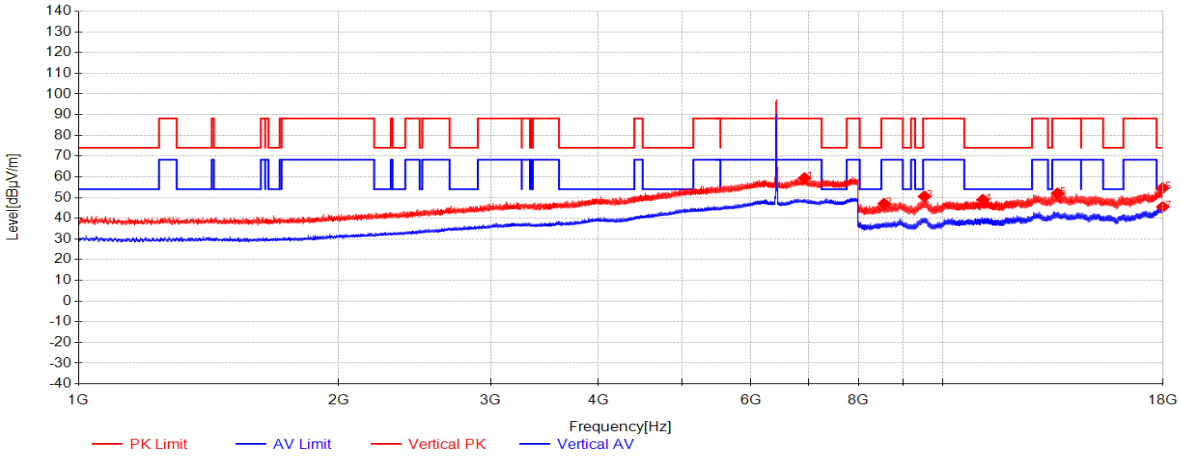
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6845.875	40.83	36.05	-17.21	59.68	88.20	28.52	Vertical
2	9595.6667	48.77	38.06	-37.85	48.98	88.20	39.22	Vertical
3	11206.6667	45.54	39.18	-35.64	49.08	74.00	24.92	Vertical
4	12808.3333	46.00	39.67	-34.61	51.06	88.20	37.14	Vertical
5	15442.6667	44.58	39.00	-33.06	50.52	74.00	23.48	Vertical
6	17814.3333	43.47	41.16	-30.42	54.21	74.00	19.79	Vertical
7	17822.3333	35.66	41.18	-30.48	46.36	54.00	7.64	Vertical

11a_TX_CH_097_Horizontal



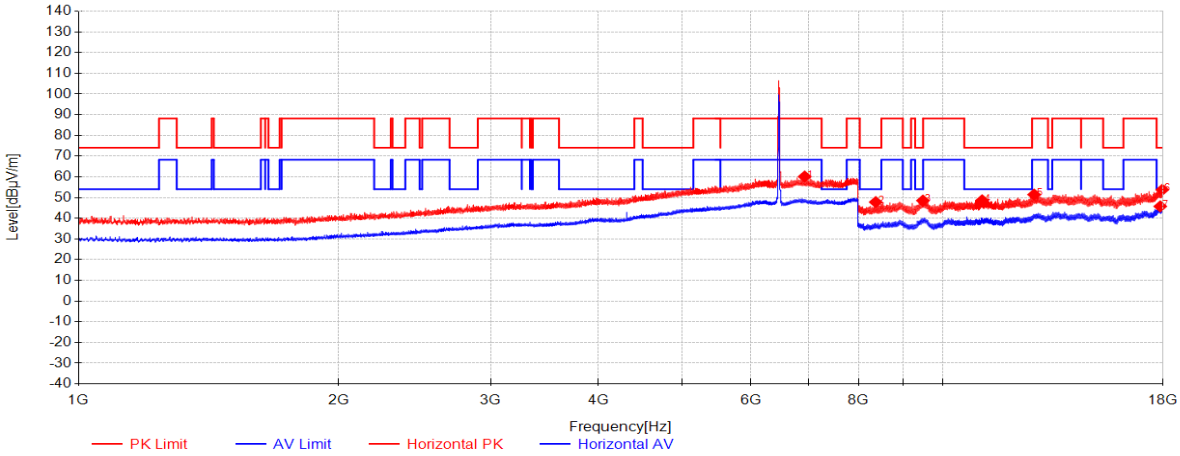
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7974.625	41.51	37.25	-18.80	59.96	88.20	28.24	Horizontal
2	9066.3333	49.01	38.01	-38.98	48.04	74.00	25.96	Horizontal
3	9616	48.85	38.06	-37.78	49.13	88.20	39.07	Horizontal
4	11118.3333	45.06	39.23	-35.60	48.69	74.00	25.31	Horizontal
5	12832.6667	46.95	39.70	-34.67	51.97	88.20	36.23	Horizontal
6	17858.3333	43.44	41.29	-30.74	53.99	74.00	20.01	Horizontal
7	17757	35.11	41.00	-30.64	45.47	54.00	8.53	Horizontal

11a_TX_CH_097_Vertical



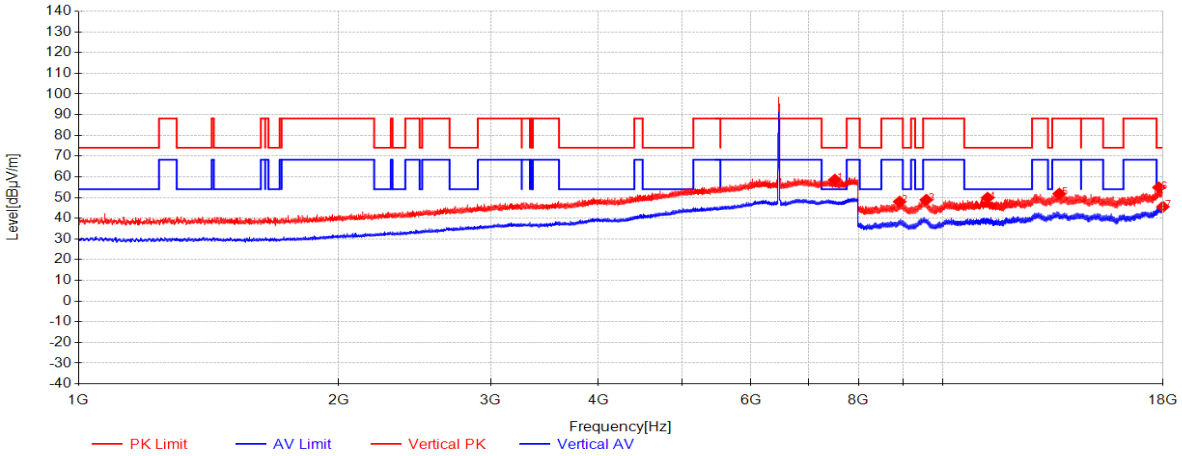
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6925.5	40.56	36.18	-17.37	59.37	88.20	28.83	Vertical
2	8563	48.75	37.69	-39.44	47.01	88.20	41.19	Vertical
3	9534.3333	50.53	38.05	-38.07	50.52	88.20	37.68	Vertical
4	11138.6667	45.28	39.22	-35.62	48.88	74.00	25.12	Vertical
5	13593	46.14	40.20	-34.34	52.00	88.20	36.20	Vertical
6	17980	43.70	41.64	-30.78	54.56	74.00	19.44	Vertical
7	17991.3333	34.59	41.67	-30.75	45.52	54.00	8.48	Vertical

11a_TX_CH_105_Horizontal



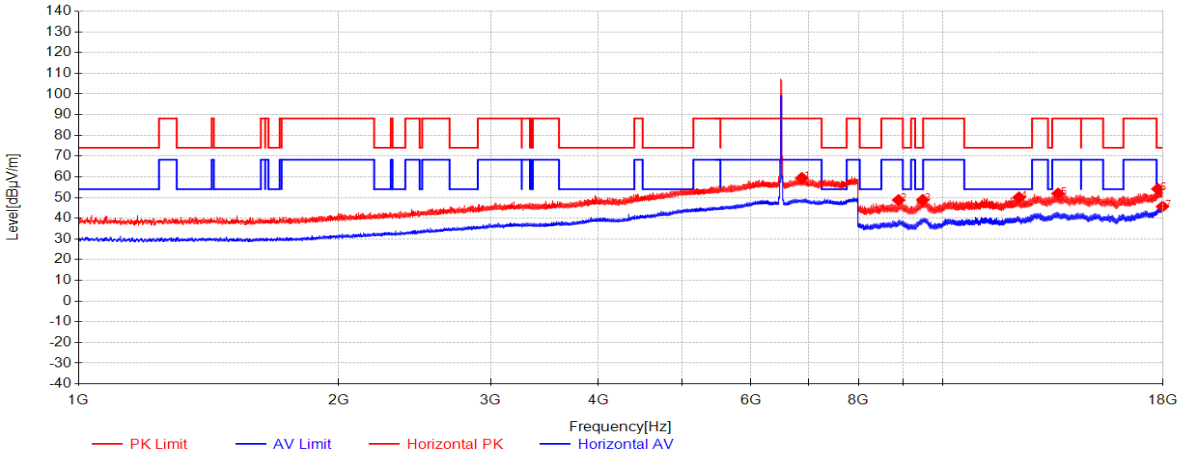
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6929	41.32	36.19	-17.36	60.14	88.20	28.06	Horizontal
2	8374	50.34	37.56	-40.10	47.80	74.00	26.20	Horizontal
3	9495.3333	48.69	38.05	-38.20	48.54	74.00	25.46	Horizontal
4	11117	45.02	39.23	-35.60	48.65	74.00	25.35	Horizontal
5	12768.6667	46.47	39.62	-34.64	51.45	88.20	36.75	Horizontal
6	17969.3333	42.97	41.61	-30.82	53.76	74.00	20.24	Horizontal
7	17872	35.24	41.33	-30.84	45.73	54.00	8.27	Horizontal

11a_TX_CH_105_Vertical



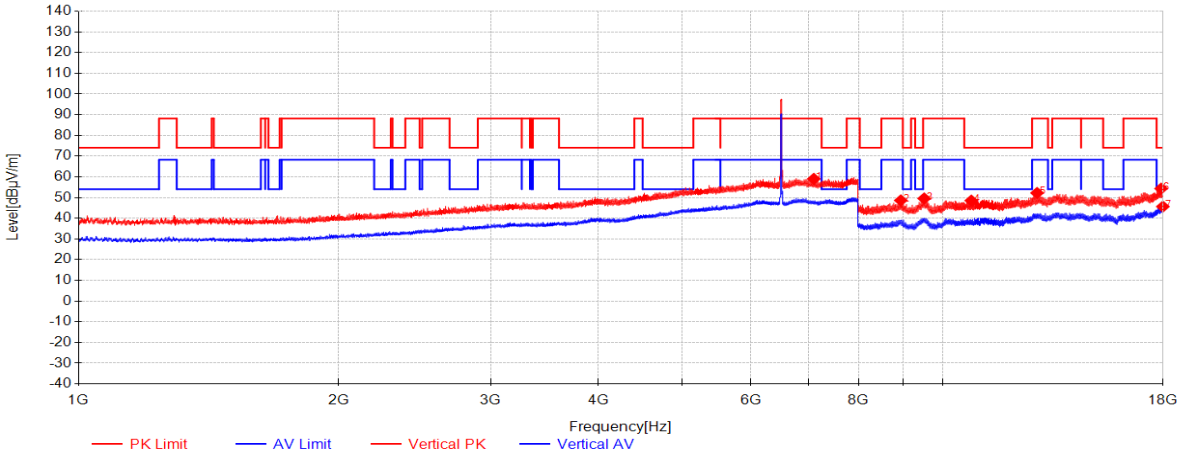
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7509.5625	40.52	36.32	-18.23	58.61	74.00	15.39	Vertical
2	8923.3333	48.98	37.95	-38.91	48.02	88.20	40.18	Vertical
3	9582	48.75	38.06	-37.89	48.91	88.20	39.29	Vertical
4	11280.3333	46.09	39.13	-35.36	49.86	74.00	24.14	Vertical
5	13654.3333	46.23	40.23	-34.60	51.86	88.20	36.34	Vertical
6	17807.3333	44.08	41.14	-30.37	54.85	74.00	19.15	Vertical
7	17999.3333	34.56	41.70	-30.72	45.54	54.00	8.46	Vertical

11a_TX_CH_113_Horizontal



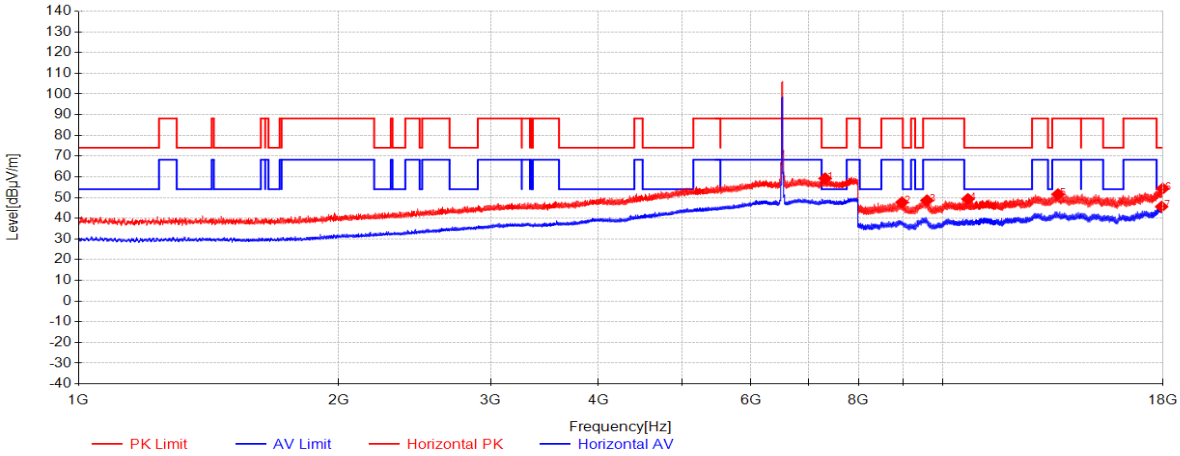
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6876.5	40.67	36.10	-17.32	59.46	88.20	28.74	Horizontal
2	8898	49.87	37.93	-39.02	48.78	88.20	39.42	Horizontal
3	9490	49.00	38.05	-38.20	48.85	74.00	25.15	Horizontal
4	12264	45.59	39.02	-34.55	50.05	74.00	23.95	Horizontal
5	13612.6667	46.10	40.21	-34.39	51.91	88.20	36.29	Horizontal
6	17760.3333	43.71	41.00	-30.61	54.10	74.00	19.90	Horizontal
7	17981	34.81	41.64	-30.78	45.67	54.00	8.33	Horizontal

11a_TX_CH_113_Vertical



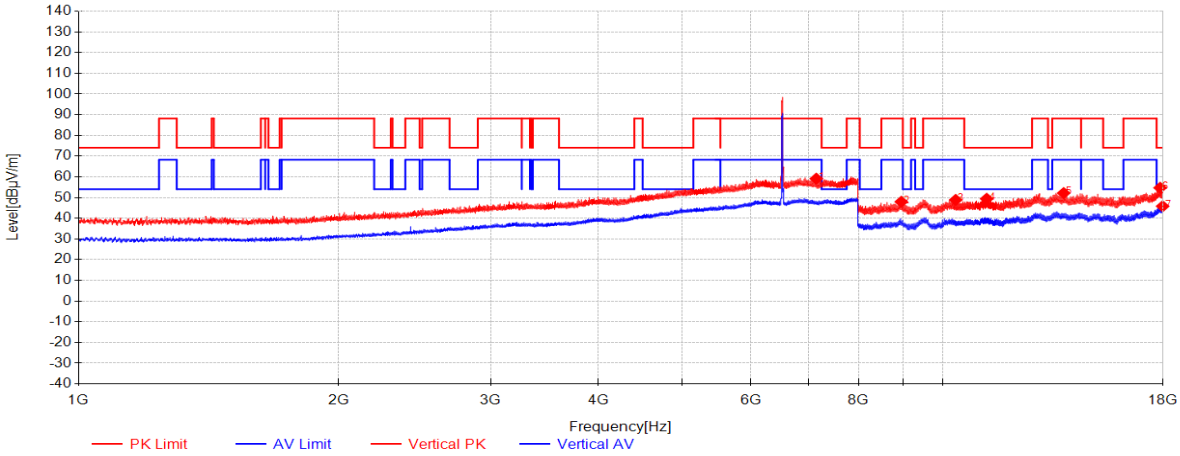
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7099.625	40.03	36.30	-17.31	59.02	88.20	29.18	Vertical
2	8951.3333	49.43	37.97	-38.77	48.63	88.20	39.57	Vertical
3	9526.6667	49.59	38.05	-38.09	49.55	88.20	38.65	Vertical
4	10803.3333	45.87	39.06	-36.42	48.52	74.00	25.48	Vertical
5	12871.3333	47.24	39.75	-34.78	52.21	88.20	35.99	Vertical
6	17913.6667	43.88	41.45	-31.00	54.33	74.00	19.67	Vertical
7	17997.3333	34.67	41.69	-30.73	45.63	54.00	8.37	Vertical

11a_TX_CH_117_Horizontal



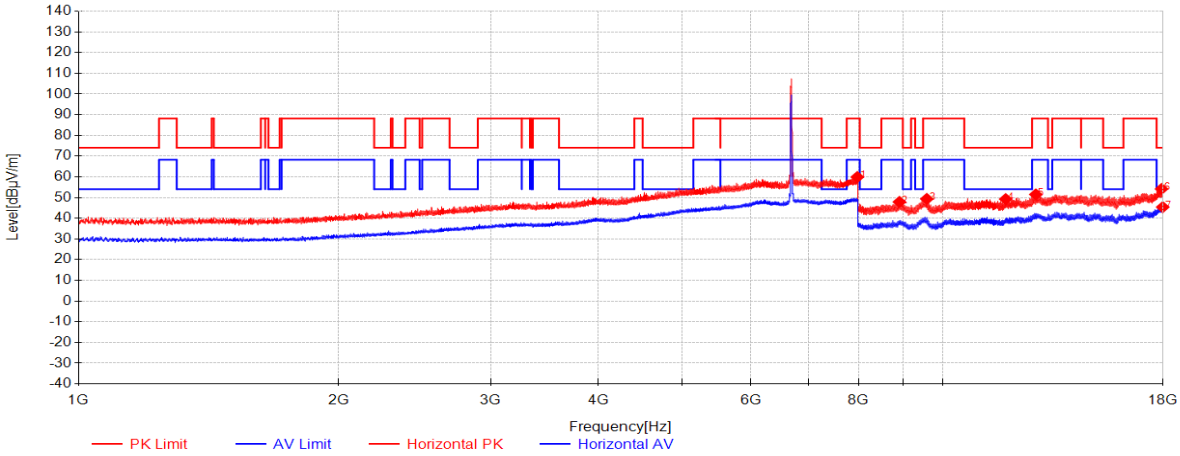
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7316.625	40.70	36.30	-17.75	59.25	74.00	14.75	Horizontal
2	8979	48.33	37.99	-38.63	47.68	88.20	40.52	Horizontal
3	9599.6667	48.39	38.06	-37.83	48.62	88.20	39.58	Horizontal
4	10705.3333	46.46	38.95	-36.12	49.29	74.00	24.71	Horizontal
5	13610.3333	45.76	40.21	-34.38	51.58	88.20	36.62	Horizontal
6	17988	43.38	41.67	-30.76	54.29	74.00	19.71	Horizontal
7	17937	34.98	41.52	-30.92	45.58	54.00	8.42	Horizontal

11a_TX_CH_117_Vertical



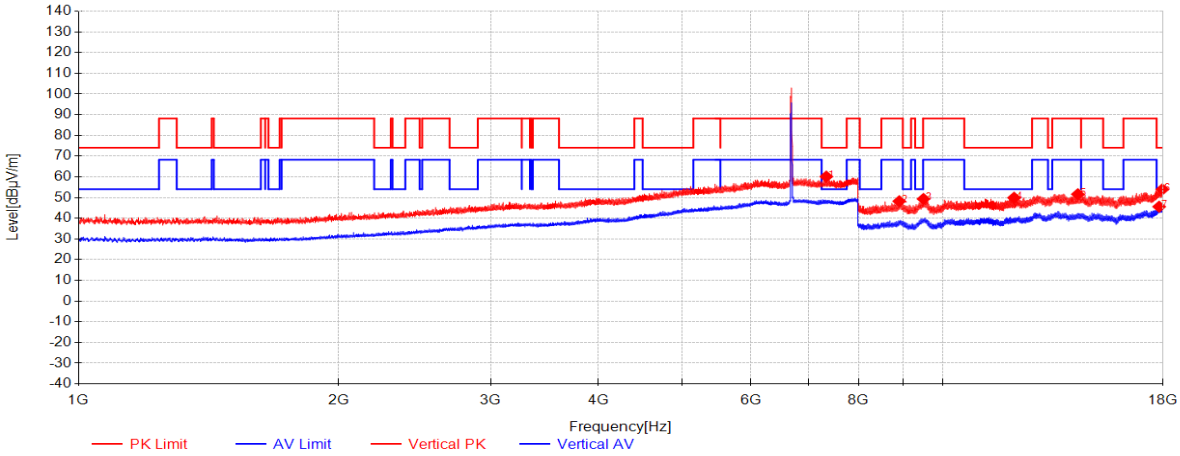
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7147.3125	40.38	36.30	-17.58	59.10	88.20	29.10	Vertical
2	8963.6667	48.69	37.97	-38.71	47.96	88.20	40.24	Vertical
3	10362.6667	46.86	38.54	-36.56	48.84	88.20	39.36	Vertical
4	11254	45.70	39.15	-35.46	49.39	74.00	24.61	Vertical
5	13816.6667	46.65	40.31	-34.78	52.17	88.20	36.03	Vertical
6	17866.6667	44.19	41.31	-30.80	54.70	74.00	19.30	Vertical
7	17988.3333	34.89	41.67	-30.76	45.80	54.00	8.20	Vertical

11a_TX_CH_149_Horizontal



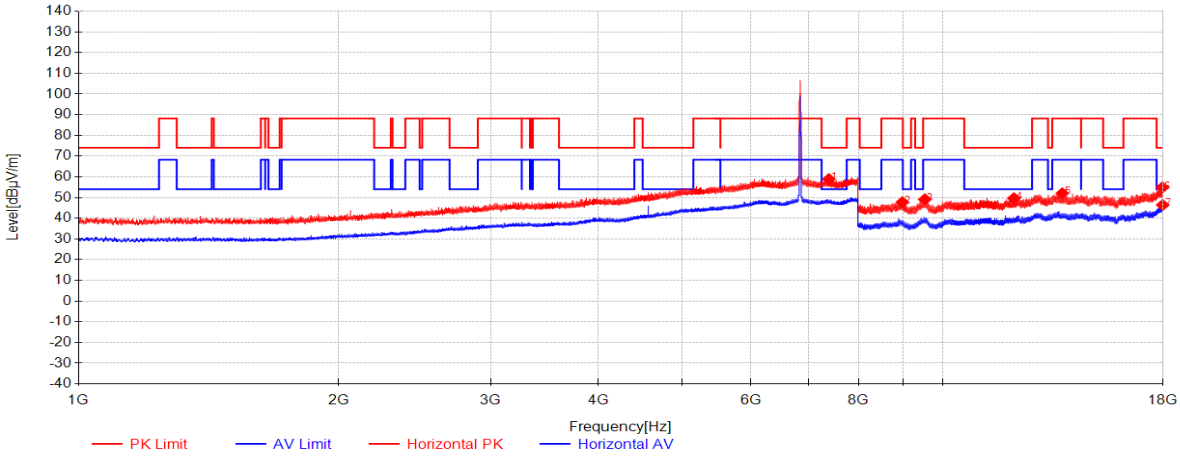
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7972	41.47	37.24	-18.80	59.91	88.20	28.29	Horizontal
2	8919	48.86	37.94	-38.93	47.88	88.20	40.32	Horizontal
3	9593.6667	49.12	38.06	-37.85	49.33	88.20	38.87	Horizontal
4	11839	45.60	38.80	-35.14	49.25	74.00	24.75	Horizontal
5	12828.3333	46.46	39.69	-34.66	51.49	88.20	36.71	Horizontal
6	17935	43.58	41.51	-30.93	54.16	74.00	19.84	Horizontal
7	17991.3333	34.45	41.67	-30.75	45.38	54.00	8.62	Horizontal

11a_TX_CH_149_Vertical



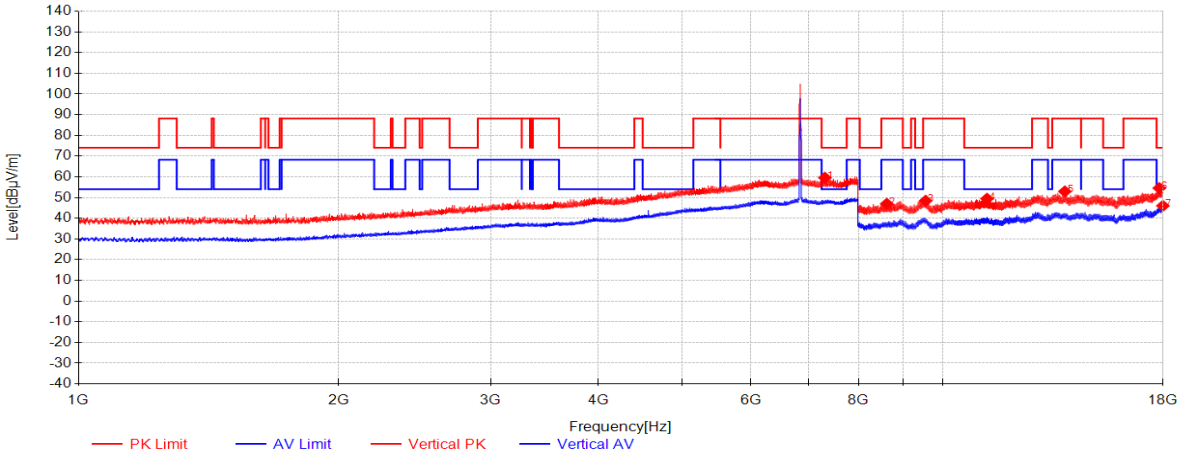
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7339.8125	41.58	36.30	-17.75	60.13	74.00	13.87	Vertical
2	8914.3333	49.23	37.94	-38.95	48.22	88.20	39.98	Vertical
3	9508.6667	49.42	38.05	-38.16	49.31	88.20	38.89	Vertical
4	12106.6667	46.01	38.83	-34.92	49.91	74.00	24.09	Vertical
5	14349.3333	45.54	40.19	-34.13	51.61	88.20	36.59	Vertical
6	17970.6667	43.15	41.61	-30.81	53.95	74.00	20.05	Vertical
7	17821	34.88	41.18	-30.47	45.59	54.00	8.41	Vertical

11a_TX_CH_181_Horizontal



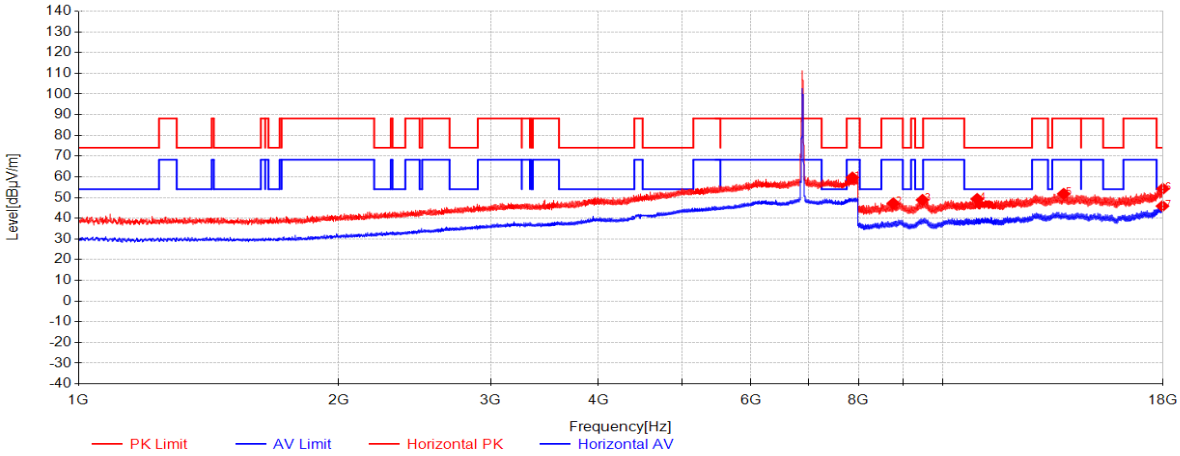
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7389.6875	40.38	36.30	-17.75	58.93	74.00	15.07	Horizontal
2	8989.3333	48.32	37.99	-38.58	47.73	88.20	40.47	Horizontal
3	9542.3333	49.08	38.05	-38.04	49.10	88.20	39.10	Horizontal
4	12102.3333	45.74	38.82	-34.92	49.65	74.00	24.35	Horizontal
5	13764.3333	46.61	40.28	-34.86	52.03	88.20	36.17	Horizontal
6	17970.3333	44.05	41.61	-30.81	54.85	74.00	19.15	Horizontal
7	17990	35.46	41.67	-30.75	46.38	54.00	7.62	Horizontal

11a_TX_CH_181_Vertical



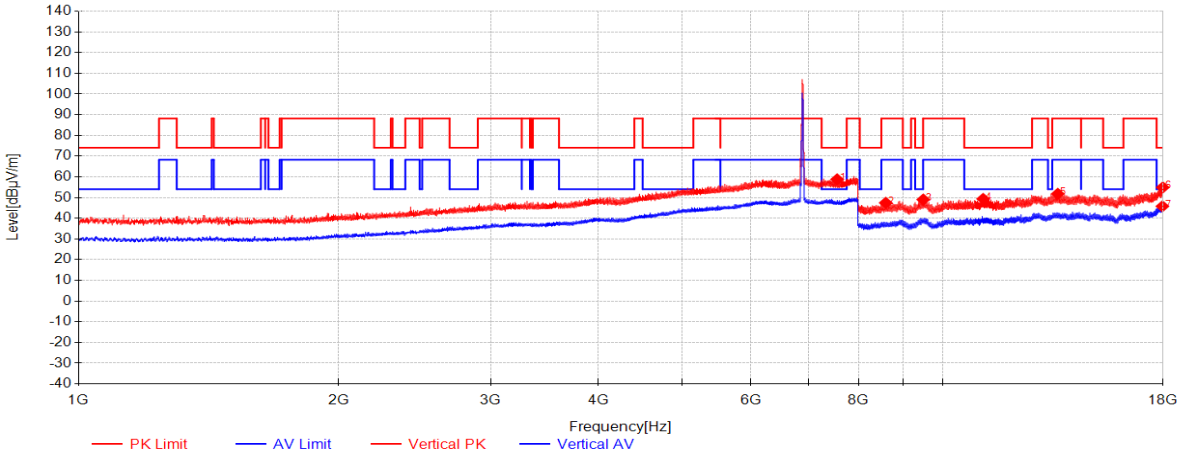
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7312.6875	41.01	36.30	-17.75	59.56	74.00	14.44	Vertical
2	8622.3333	48.34	37.74	-39.12	46.96	88.20	41.24	Vertical
3	9564.3333	48.35	38.06	-37.96	48.45	88.20	39.75	Vertical
4	11264	45.72	39.14	-35.42	49.44	74.00	24.56	Vertical
5	13859.6667	47.15	40.33	-34.54	52.94	88.20	35.26	Vertical
6	17827.6667	43.87	41.20	-30.52	54.55	74.00	19.45	Vertical
7	17999	35.04	41.70	-30.72	46.01	54.00	7.99	Vertical

11a_TX_CH_189_Horizontal



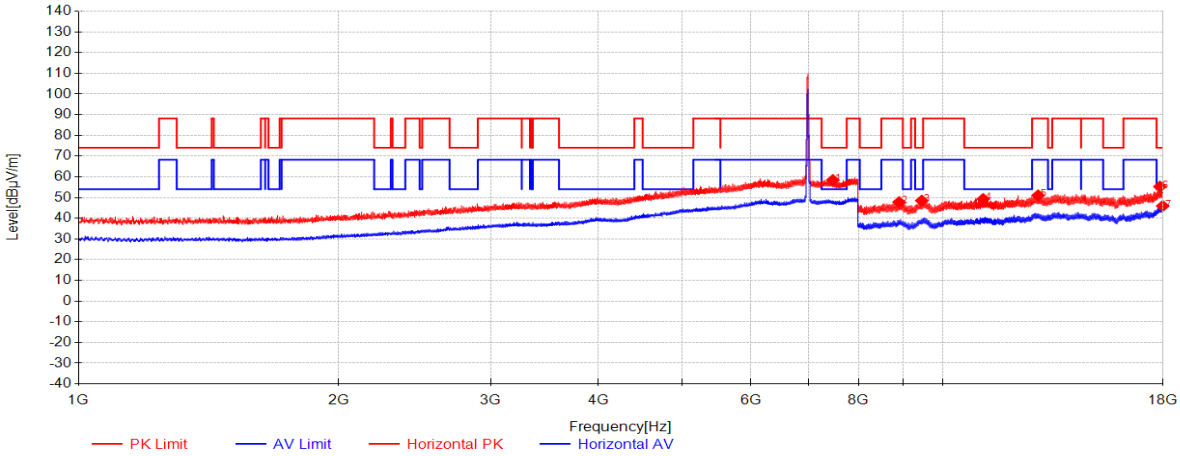
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7868.3125	41.46	37.04	-18.81	59.68	88.20	28.52	Horizontal
2	8773.3333	48.55	37.84	-39.17	47.22	88.20	40.98	Horizontal
3	9483.6667	49.01	38.05	-38.21	48.85	74.00	25.15	Horizontal
4	10971.3333	45.78	39.27	-35.75	49.30	74.00	24.70	Horizontal
5	13817.6667	46.26	40.31	-34.78	51.79	88.20	36.41	Horizontal
6	17998.3333	43.26	41.70	-30.73	54.23	74.00	19.77	Horizontal
7	17977.3333	35.04	41.63	-30.79	45.88	54.00	8.12	Horizontal

11a_TX_CH_189_Vertical



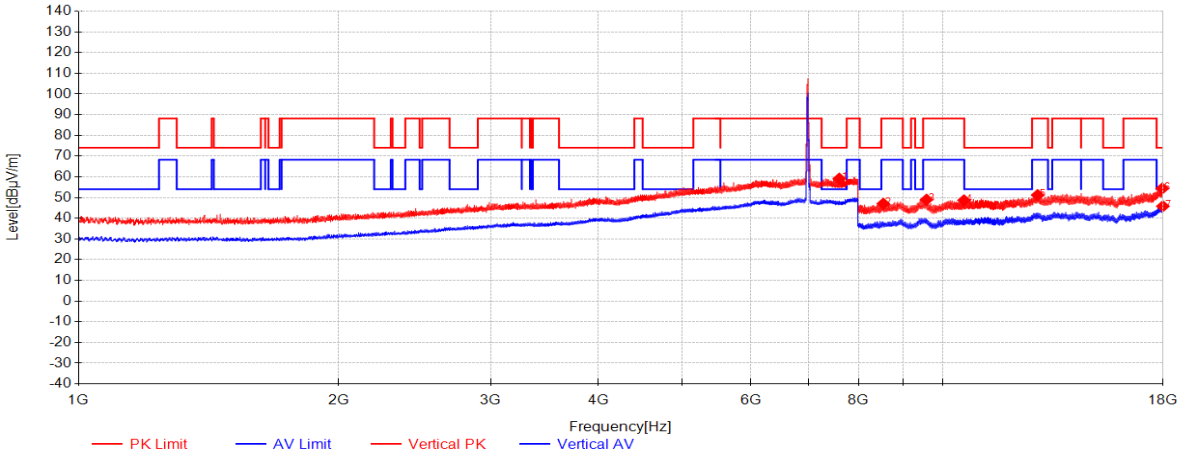
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7555.0625	40.70	36.41	-18.33	58.78	74.00	15.22	Vertical
2	8599.3333	48.81	37.72	-39.09	47.44	88.20	40.76	Vertical
3	9503.3333	49.15	38.05	-38.18	49.02	88.20	39.18	Vertical
4	11148	45.75	39.21	-35.62	49.34	74.00	24.66	Vertical
5	13601	45.95	40.20	-34.33	51.82	88.20	36.38	Vertical
6	17993.6667	43.96	41.68	-30.74	54.90	74.00	19.10	Vertical
7	17975.3333	34.94	41.63	-30.80	45.77	54.00	8.23	Vertical

11a_TX_CH_209_Horizontal



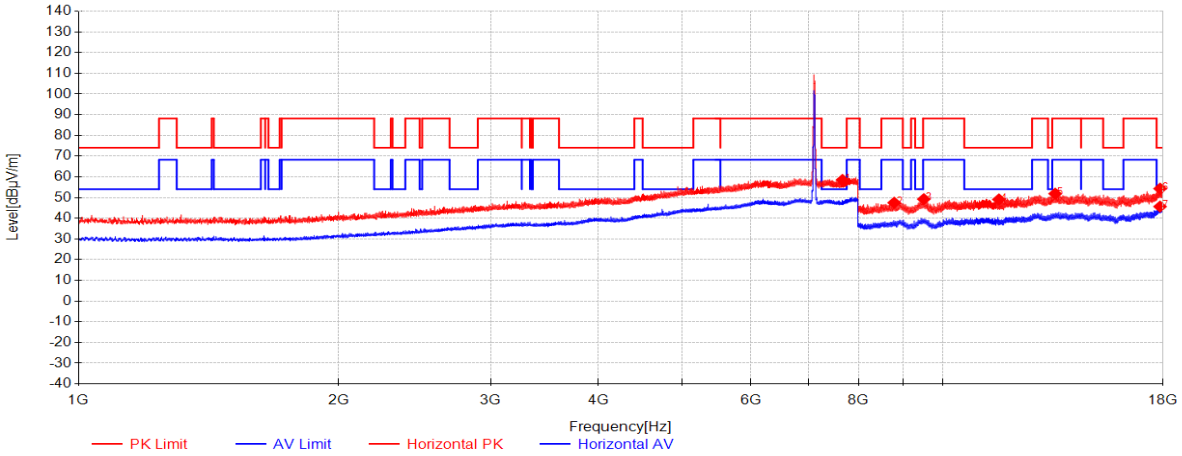
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7468.875	40.20	36.30	-18.07	58.43	74.00	15.57	Horizontal
2	8911	48.79	37.94	-38.97	47.76	88.20	40.44	Horizontal
3	9465.3333	48.68	38.05	-38.24	48.49	74.00	25.51	Horizontal
4	11147.6667	45.71	39.21	-35.62	49.30	74.00	24.70	Horizontal
5	12906.6667	46.10	39.79	-34.85	51.04	88.20	37.16	Horizontal
6	17855.6667	44.71	41.28	-30.72	55.27	74.00	18.73	Horizontal
7	17988.3333	35.00	41.67	-30.76	45.91	54.00	8.09	Horizontal

11a_TX_CH_209_Vertical



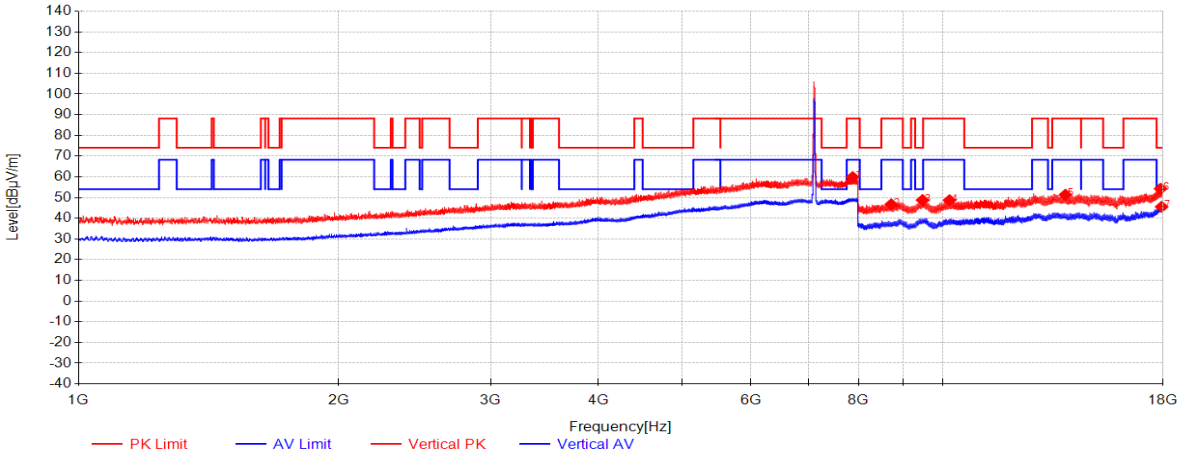
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7598.8125	41.06	36.50	-18.43	59.13	74.00	14.87	Vertical
2	8543	48.98	37.68	-39.63	47.03	88.20	41.17	Vertical
3	9587.3333	48.80	38.06	-37.88	48.98	88.20	39.22	Vertical
4	10594.6667	46.28	38.81	-36.44	48.65	88.20	39.55	Vertical
5	12890.6667	46.26	39.77	-34.83	51.20	88.20	37.00	Vertical
6	17967.6667	43.59	41.61	-30.82	54.37	74.00	19.63	Vertical
7	17996.6667	34.84	41.69	-30.73	45.80	54.00	8.20	Vertical

11a_TX_CH_233_Horizontal



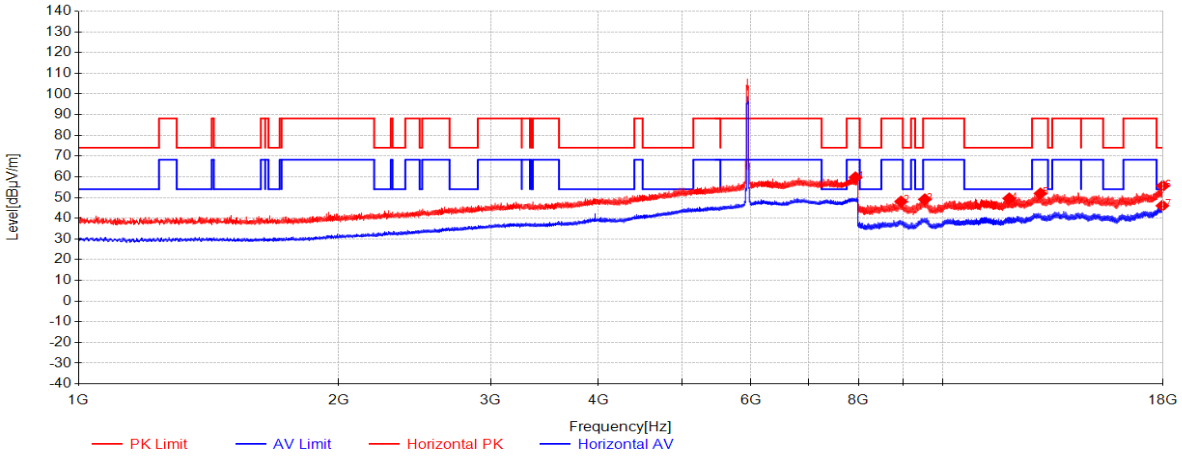
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7663.5625	40.42	36.63	-18.56	58.49	74.00	15.51	Horizontal
2	8795	48.80	37.86	-39.15	47.51	88.20	40.69	Horizontal
3	9518	49.30	38.05	-38.13	49.23	88.20	38.97	Horizontal
4	11628	45.12	38.92	-34.97	49.07	74.00	24.93	Horizontal
5	13506.6667	46.18	40.15	-34.48	51.85	88.20	36.35	Horizontal
6	17865.6667	43.77	41.31	-30.79	54.29	74.00	19.71	Horizontal
7	17862	35.12	41.30	-30.77	45.65	54.00	8.35	Horizontal

11a_TX_CH_233_Vertical



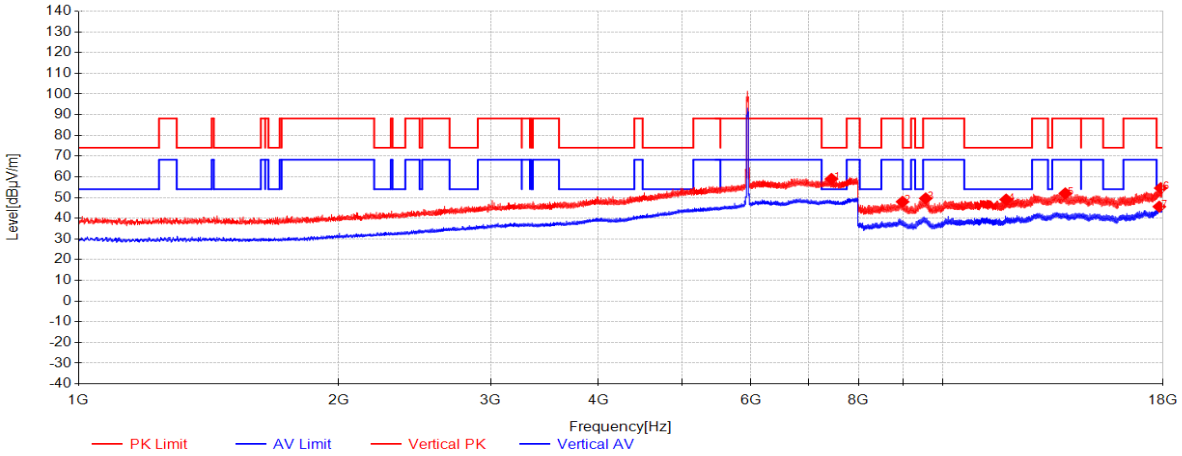
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7872.6875	41.64	37.05	-18.82	59.87	88.20	28.33	Vertical
2	8725.6667	48.13	37.81	-39.21	46.72	88.20	41.48	Vertical
3	9487	48.92	38.05	-38.21	48.76	74.00	25.24	Vertical
4	10192.6667	47.01	38.33	-36.62	48.72	88.20	39.48	Vertical
5	13881.3333	45.46	40.34	-34.42	51.38	88.20	36.82	Vertical
6	17886.6667	43.83	41.37	-30.94	54.26	74.00	19.74	Vertical
7	17939.6667	34.94	41.53	-30.91	45.55	54.00	8.45	Vertical

11ax(HE20)_TX_CH_001_Horizontal



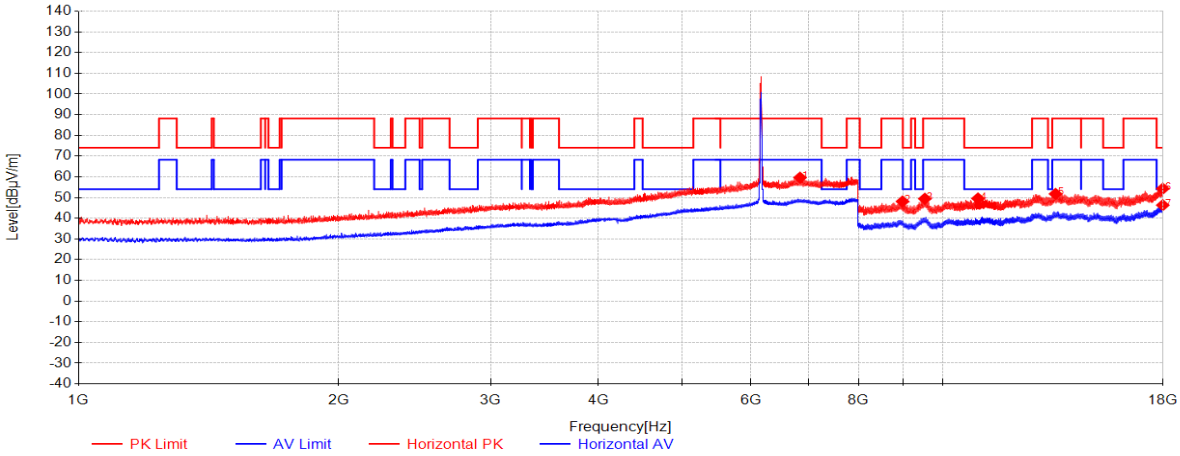
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7932.625	41.40	37.17	-18.83	59.73	88.20	28.47	Horizontal
2	8959	48.81	37.97	-38.73	48.05	88.20	40.15	Horizontal
3	9543	49.11	38.05	-38.04	49.13	88.20	39.07	Horizontal
4	11951.6667	45.86	38.73	-35.05	49.54	74.00	24.46	Horizontal
5	12986.6667	46.94	39.88	-34.85	51.97	88.20	36.23	Horizontal
6	17998	44.67	41.69	-30.73	55.64	74.00	18.36	Horizontal
7	17972.6667	35.25	41.62	-30.81	46.06	54.00	7.94	Horizontal

11ax(HE20)_TX_CH_001_Vertical



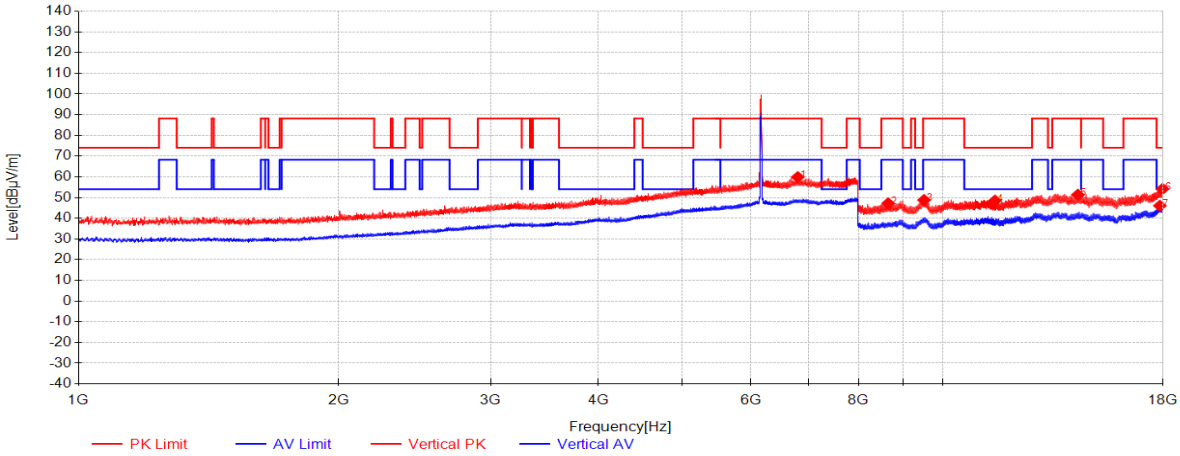
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7441.3125	40.62	36.30	-17.94	58.98	74.00	15.02	Vertical
2	8993.3333	48.54	38.00	-38.56	47.97	88.20	40.23	Vertical
3	9566.3333	49.48	38.06	-37.95	49.59	88.20	38.61	Vertical
4	11852.6667	45.31	38.79	-35.06	49.03	74.00	24.97	Vertical
5	13875.3333	46.12	40.34	-34.45	52.01	88.20	36.19	Vertical
6	17895.3333	44.18	41.40	-31.01	54.57	74.00	19.43	Vertical
7	17825.3333	34.92	41.19	-30.50	45.61	54.00	8.39	Vertical

11ax(HE20)_TX_CH_045_Horizontal



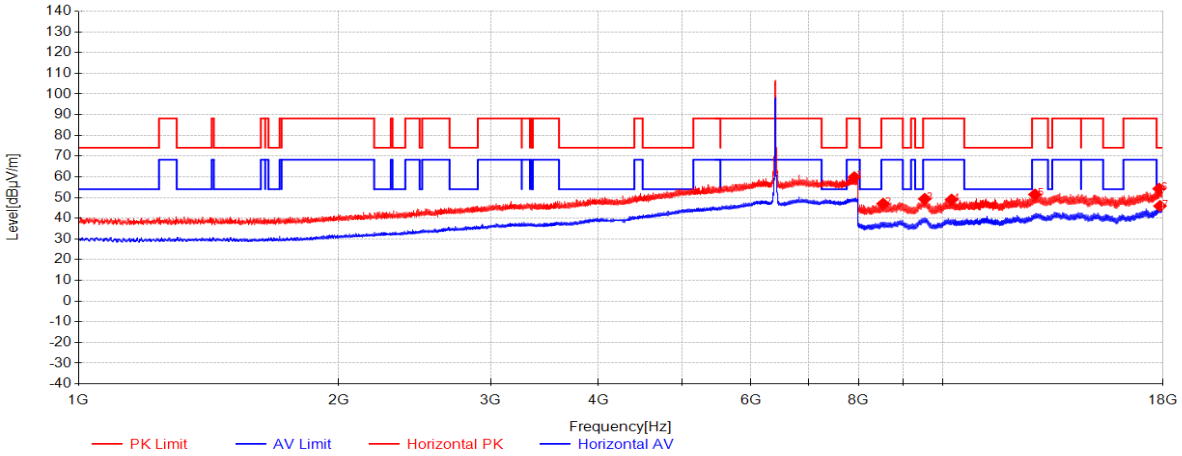
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6843.25	40.77	36.05	-17.20	59.62	88.20	28.58	Horizontal
2	8992	48.67	37.99	-38.57	48.10	88.20	40.10	Horizontal
3	9544.3333	49.40	38.05	-38.03	49.42	88.20	38.78	Horizontal
4	10997.6667	45.91	39.30	-35.66	49.55	74.00	24.45	Horizontal
5	13519.6667	46.07	40.16	-34.46	51.77	88.20	36.43	Horizontal
6	17992.6667	43.35	41.68	-30.74	54.29	74.00	19.71	Horizontal
7	17993.3333	35.38	41.68	-30.74	46.32	54.00	7.68	Horizontal

11ax(HE20)_TX_CH_045_Vertical



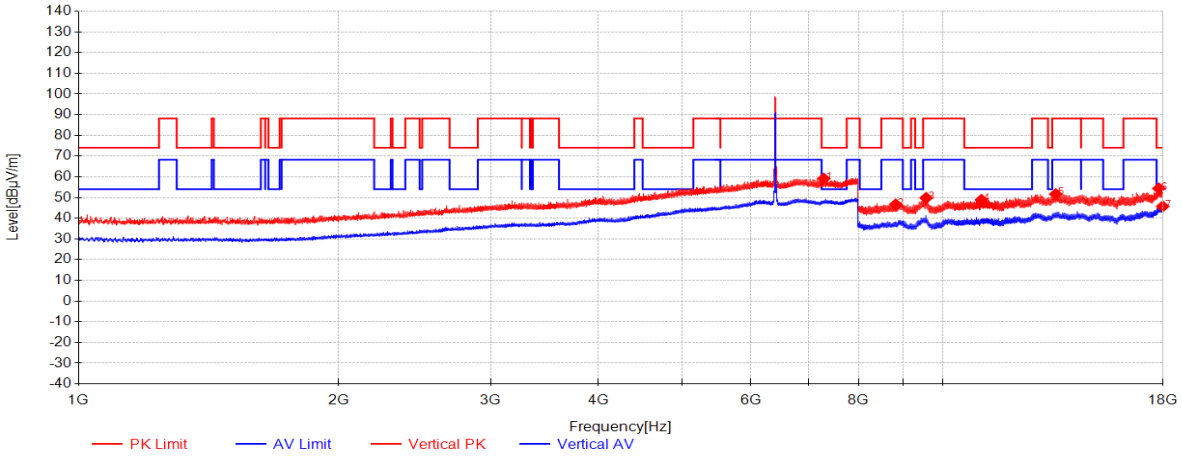
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6802.125	40.96	35.98	-17.05	59.90	88.20	28.30	Vertical
2	8655.6667	48.62	37.76	-39.17	47.21	88.20	40.99	Vertical
3	9524.3333	48.83	38.05	-38.10	48.78	88.20	39.42	Vertical
4	11504.6667	45.18	39.00	-35.66	48.51	74.00	25.49	Vertical
5	14347.3333	45.32	40.19	-34.14	51.37	88.20	36.83	Vertical
6	17982.3333	43.31	41.65	-30.78	54.18	74.00	19.82	Vertical
7	17852.3333	35.46	41.27	-30.70	46.03	54.00	7.97	Vertical

11ax(HE20)_TX_CH_093_Horizontal



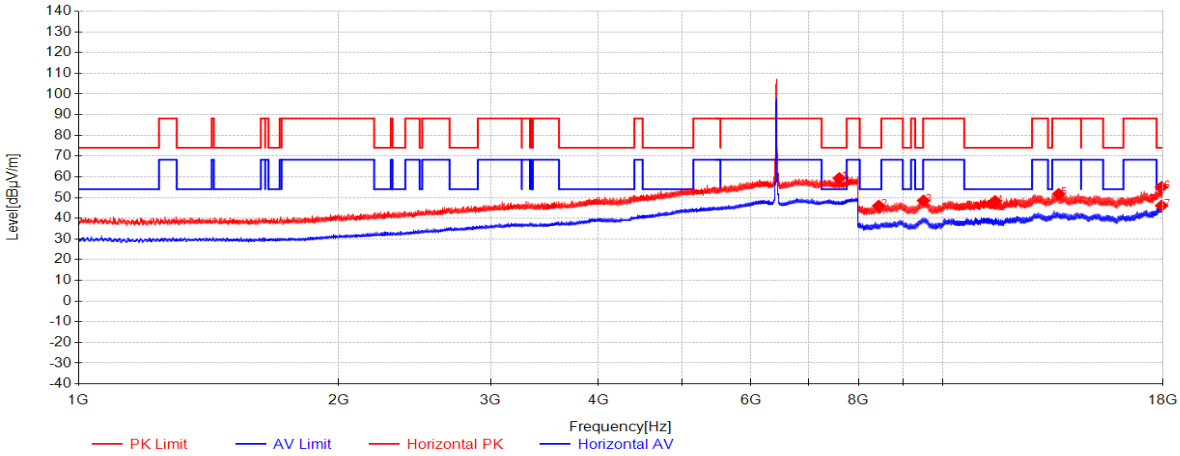
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7908.5625	41.57	37.12	-18.85	59.83	88.20	28.37	Horizontal
2	8539.3333	49.01	37.68	-39.67	47.02	88.20	41.18	Horizontal
3	9541	49.34	38.05	-38.04	49.35	88.20	38.85	Horizontal
4	10248.3333	47.30	38.40	-36.72	48.98	88.20	39.22	Horizontal
5	12798.3333	46.42	39.66	-34.59	51.49	88.20	36.71	Horizontal
6	17822.3333	43.55	41.18	-30.48	54.25	74.00	19.75	Horizontal
7	17858.6667	35.35	41.29	-30.74	45.90	54.00	8.10	Horizontal

11ax(HE20)_TX_CH_093_Vertical



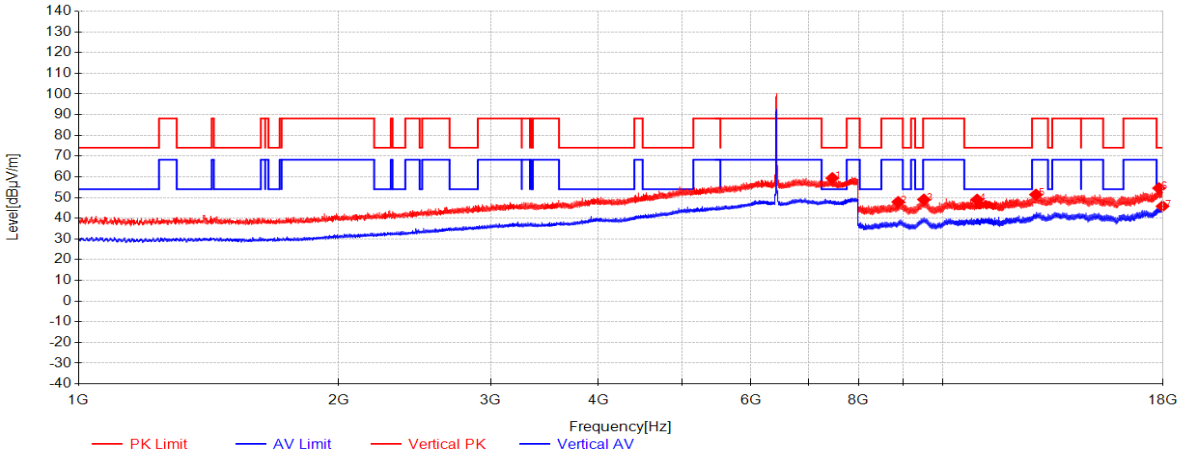
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7289.5	40.60	36.30	-17.76	59.14	74.00	14.86	Vertical
2	8829.6667	47.87	37.88	-39.10	46.65	88.20	41.55	Vertical
3	9577.3333	49.66	38.06	-37.91	49.81	88.20	38.39	Vertical
4	11097.6667	45.22	39.24	-35.59	48.87	74.00	25.13	Vertical
5	13525.6667	45.93	40.16	-34.45	51.64	88.20	36.56	Vertical
6	17806.3333	43.61	41.14	-30.37	54.38	74.00	19.62	Vertical
7	17989.6667	34.81	41.67	-30.75	45.73	54.00	8.27	Vertical

11ax(HE20)_TX_CH_097_Horizontal



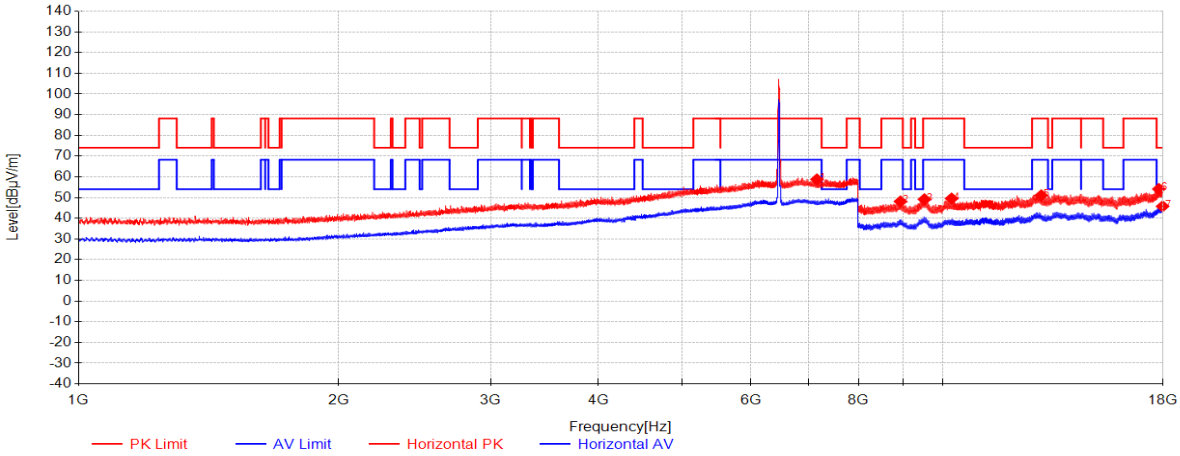
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7599.6875	41.27	36.50	-18.43	59.34	74.00	14.66	Horizontal
2	8441.6667	48.50	37.61	-40.09	46.02	74.00	27.98	Horizontal
3	9510.3333	48.63	38.05	-38.15	48.53	88.20	39.67	Horizontal
4	11509	44.93	38.99	-35.62	48.30	74.00	25.70	Horizontal
5	13634	46.01	40.22	-34.50	51.73	88.20	36.47	Horizontal
6	17929.6667	44.53	41.50	-30.95	55.08	74.00	18.92	Horizontal
7	17937	35.49	41.52	-30.92	46.09	54.00	7.91	Horizontal

11ax(HE20)_TX_CH_097_Vertical



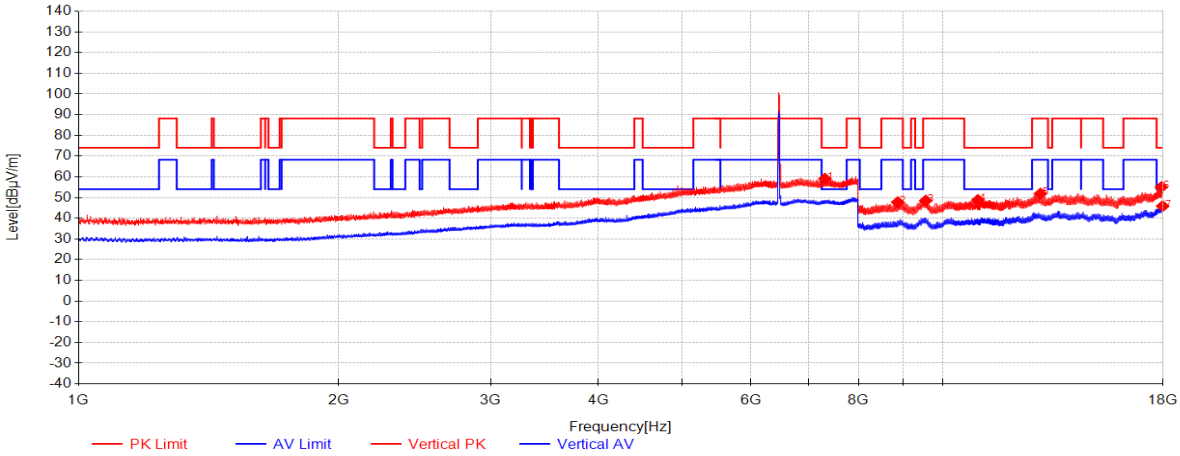
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7457.5	41.08	36.30	-18.01	59.37	74.00	14.63	Vertical
2	8889.6667	48.97	37.92	-39.03	47.86	88.20	40.34	Vertical
3	9520.3333	49.08	38.05	-38.12	49.02	88.20	39.18	Vertical
4	10969	45.46	39.26	-35.76	48.97	74.00	25.03	Vertical
5	12833.3333	46.41	39.70	-34.68	51.43	88.20	36.77	Vertical
6	17813	43.79	41.16	-30.41	54.53	74.00	19.47	Vertical
7	17978.3333	34.94	41.64	-30.79	45.79	54.00	8.21	Vertical

11ax(HE20)_TX_CH_105_Horizontal



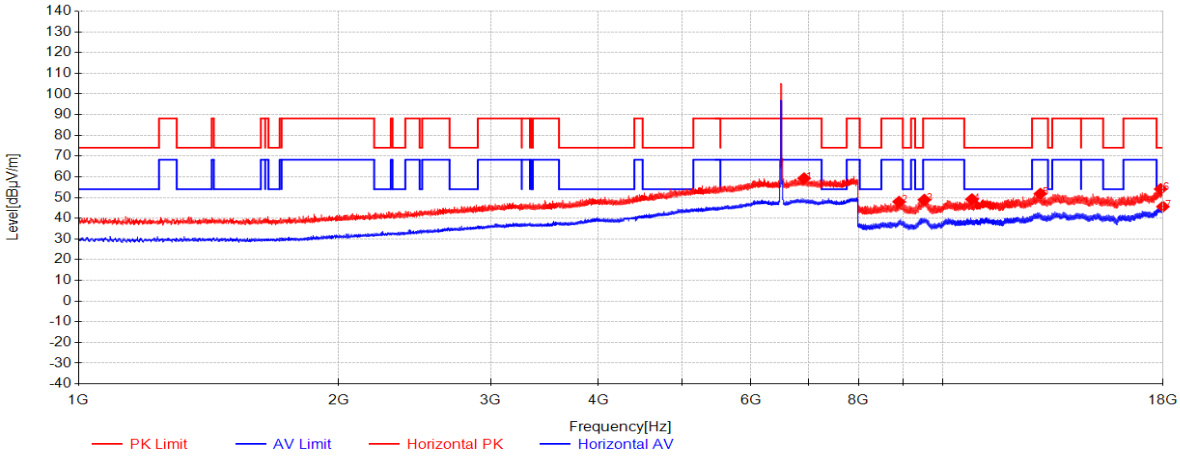
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7158.25	40.11	36.30	-17.64	58.77	88.20	29.43	Horizontal
2	8943.6667	48.95	37.96	-38.81	48.10	88.20	40.10	Horizontal
3	9533	49.16	38.05	-38.07	49.14	88.20	39.06	Horizontal
4	10249.3333	47.83	38.40	-36.72	49.51	88.20	38.69	Horizontal
5	13017	45.97	39.91	-34.83	51.04	88.20	37.16	Horizontal
6	17808.6667	43.36	41.15	-30.38	54.12	74.00	19.88	Horizontal
7	17985	34.87	41.66	-30.77	45.76	54.00	8.24	Horizontal

11ax(HE20)_TX_CH_105_Vertical



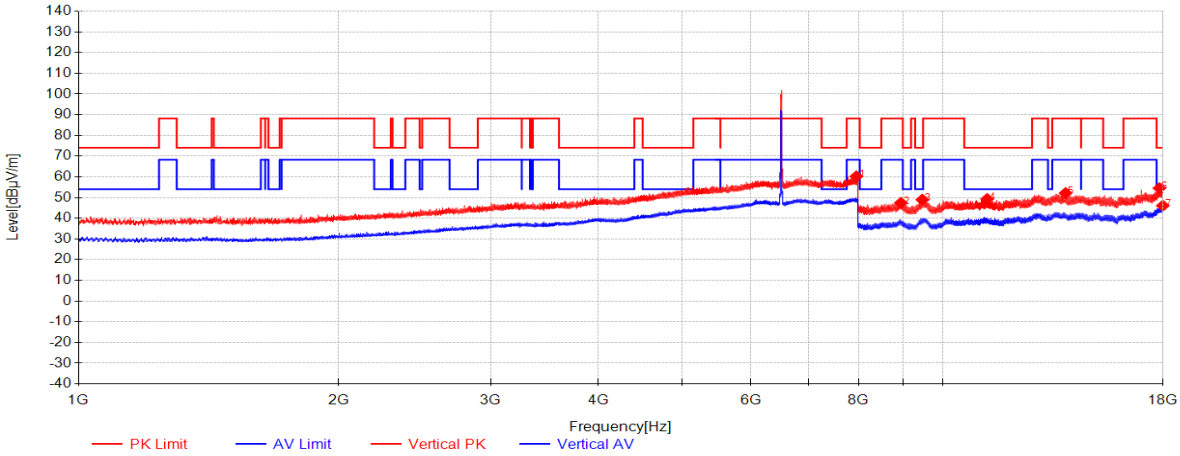
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7313.5625	40.53	36.30	-17.75	59.08	74.00	14.92	Vertical
2	8880.3333	48.87	37.92	-39.04	47.74	88.20	40.46	Vertical
3	9567.3333	48.39	38.06	-37.95	48.50	88.20	39.70	Vertical
4	10992.6667	45.17	39.29	-35.67	48.79	74.00	25.21	Vertical
5	12988	46.83	39.89	-34.85	51.87	88.20	36.33	Vertical
6	17922	44.50	41.47	-30.97	55.00	74.00	19.00	Vertical
7	17987	34.95	41.66	-30.76	45.85	54.00	8.15	Vertical

11ax(HE20)_TX_CH_113_Horizontal



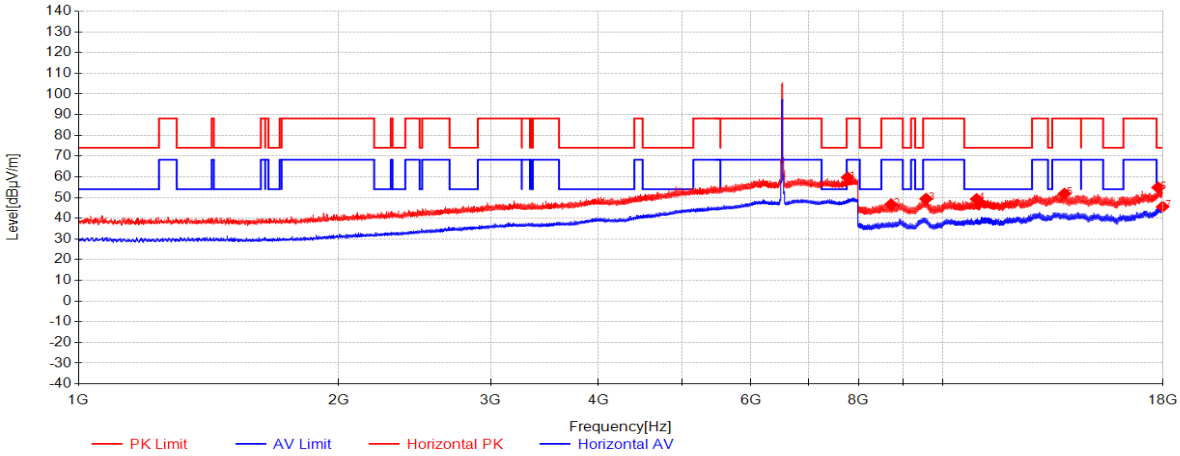
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6917.625	40.49	36.17	-17.38	59.28	88.20	28.92	Horizontal
2	8910	49.00	37.94	-38.97	47.97	88.20	40.23	Horizontal
3	9532	48.93	38.05	-38.07	48.91	88.20	39.29	Horizontal
4	10818	46.45	39.08	-36.35	49.18	74.00	24.82	Horizontal
5	12985.3333	46.83	39.88	-34.85	51.86	88.20	36.34	Horizontal
6	17893.3333	43.73	41.39	-30.99	54.13	74.00	19.87	Horizontal
7	17998.6667	34.63	41.70	-30.72	45.60	54.00	8.40	Horizontal

11ax(HE20)_TX_CH_113_Vertical



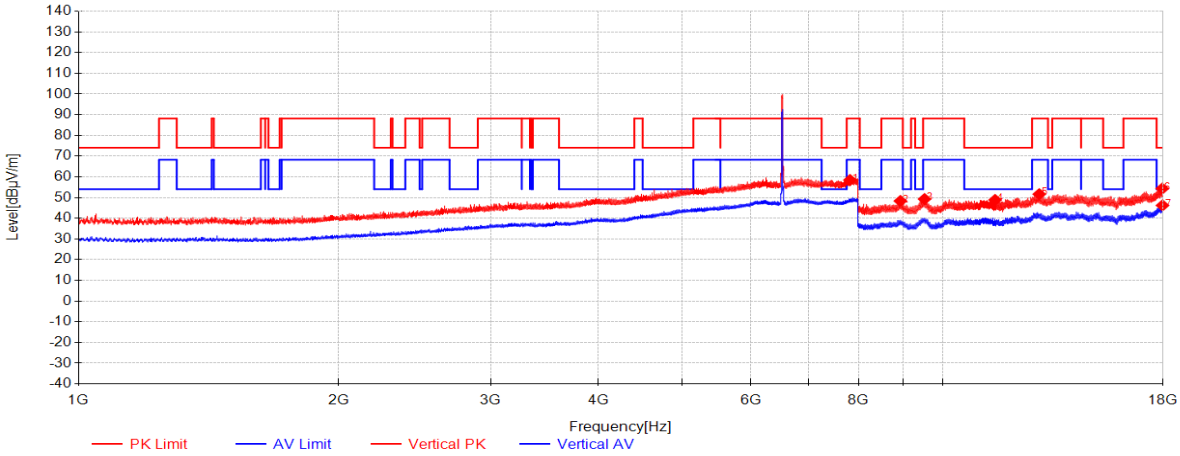
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7951	41.80	37.20	-18.82	60.18	88.20	28.02	Vertical
2	8953.3333	48.22	37.97	-38.76	47.43	88.20	40.77	Vertical
3	9479.3333	49.14	38.05	-38.22	48.97	74.00	25.03	Vertical
4	11267.3333	45.55	39.14	-35.41	49.28	74.00	24.72	Vertical
5	13886.6667	46.19	40.34	-34.39	52.15	88.20	36.05	Vertical
6	17832.3333	43.86	41.21	-30.55	54.52	74.00	19.48	Vertical
7	17994.3333	35.12	41.68	-30.74	46.07	54.00	7.93	Vertical

11ax(HE20)_TX_CH_117_Horizontal



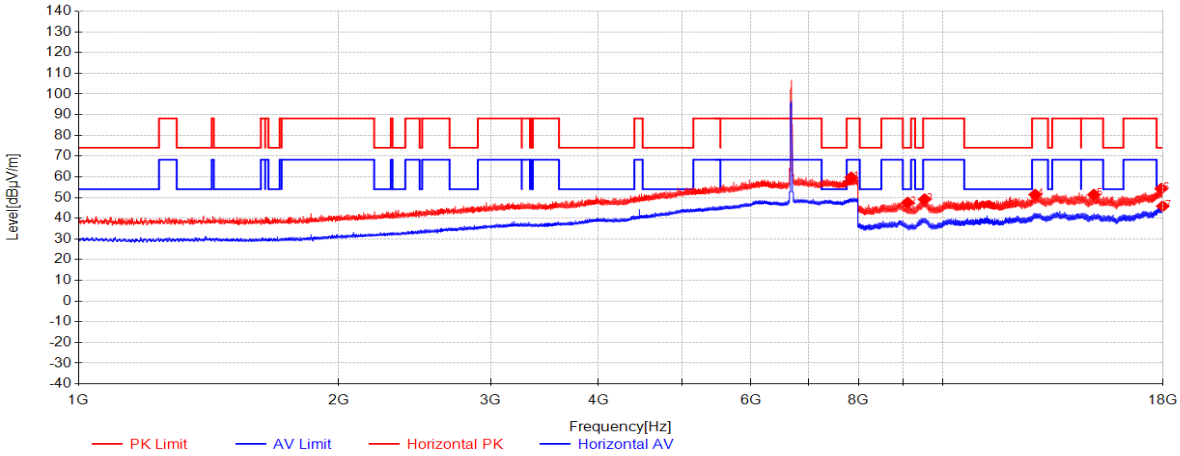
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7768.125	41.56	36.84	-18.68	59.71	88.20	28.49	Horizontal
2	8724	48.12	37.81	-39.22	46.71	88.20	41.49	Horizontal
3	9576	49.24	38.06	-37.92	49.38	88.20	38.82	Horizontal
4	10954.6667	45.82	39.25	-35.80	49.26	74.00	24.74	Horizontal
5	13847.6667	46.15	40.32	-34.61	51.87	88.20	36.33	Horizontal
6	17768.3333	44.39	41.03	-30.55	54.86	74.00	19.14	Horizontal
7	17988	34.67	41.67	-30.76	45.58	54.00	8.42	Horizontal

11ax(HE20)_TX_CH_117_Vertical



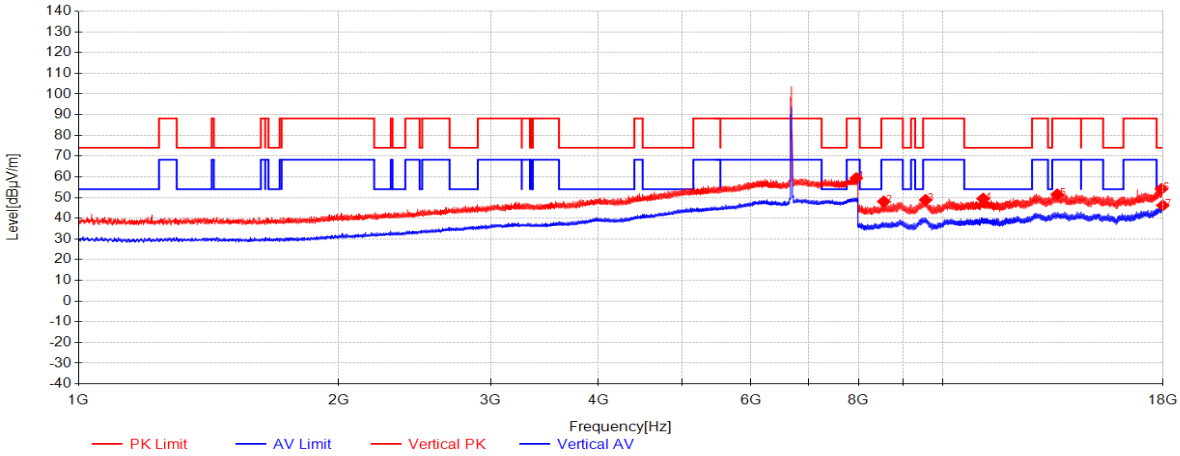
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7818.4375	40.28	36.94	-18.74	58.48	88.20	29.72	Vertical
2	8942	49.20	37.96	-38.81	48.35	88.20	39.85	Vertical
3	9536.6667	49.28	38.05	-38.06	49.28	88.20	38.92	Vertical
4	11508.3333	45.46	38.99	-35.63	48.83	74.00	25.17	Vertical
5	12946	46.65	39.84	-34.85	51.64	88.20	36.56	Vertical
6	17967.3333	43.53	41.61	-30.82	54.31	74.00	19.69	Vertical
7	17980	35.35	41.64	-30.78	46.21	54.00	7.79	Vertical

11ax(HE20)_TX_CH_149_Horizontal



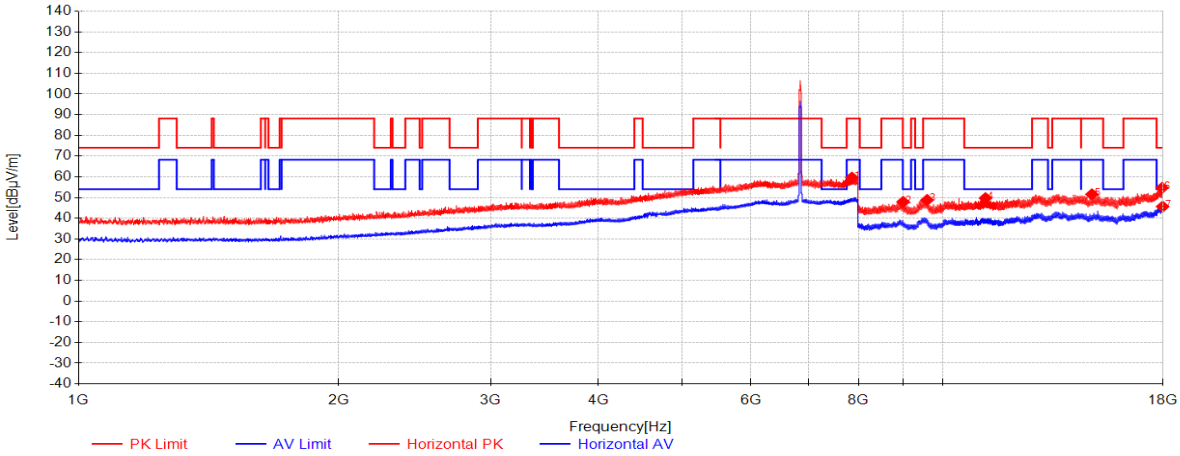
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7845.125	41.51	36.99	-18.78	59.72	88.20	28.48	Horizontal
2	9116.6667	48.65	38.01	-39.16	47.51	74.00	26.49	Horizontal
3	9535.6667	49.17	38.05	-38.06	49.16	88.20	39.04	Horizontal
4	12805.3333	46.37	39.67	-34.60	51.43	88.20	36.77	Horizontal
5	14972	45.36	39.82	-33.79	51.39	88.20	36.81	Horizontal
6	17919	43.76	41.47	-30.98	54.25	74.00	19.75	Horizontal
7	17992.3333	34.93	41.68	-30.74	45.86	54.00	8.14	Horizontal

11ax(HE20)_TX_CH_149_Vertical



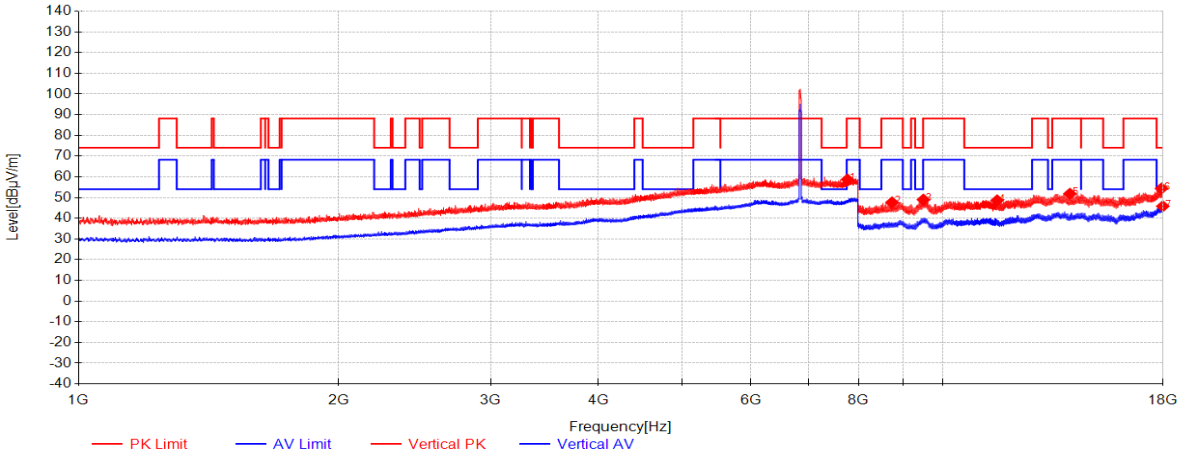
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7949.25	40.96	37.20	-18.82	59.34	88.20	28.86	Vertical
2	8555.3333	49.90	37.69	-39.51	48.08	88.20	40.12	Vertical
3	9563.3333	48.73	38.06	-37.96	48.82	88.20	39.38	Vertical
4	11145.3333	45.86	39.21	-35.62	49.45	74.00	24.55	Vertical
5	13582	45.69	40.19	-34.36	51.52	88.20	36.68	Vertical
6	17925.6667	43.57	41.48	-30.96	54.10	74.00	19.90	Vertical
7	17995	35.24	41.69	-30.74	46.19	54.00	7.81	Vertical

11ax(HE20)_TX_CH_181_Horizontal



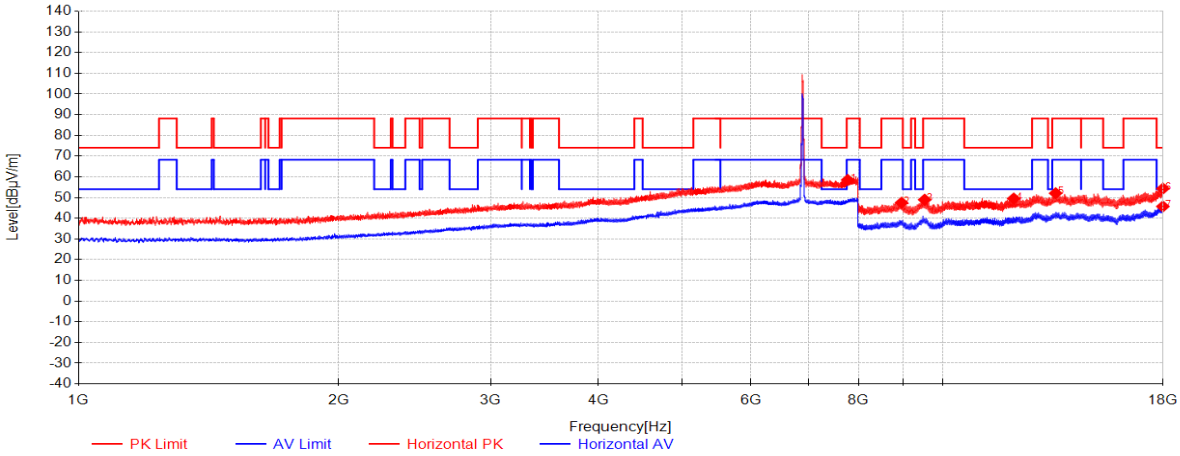
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7859.125	41.42	37.02	-18.80	59.64	88.20	28.56	Horizontal
2	9006.3333	48.47	38.00	-38.57	47.90	74.00	26.10	Horizontal
3	9602.3333	48.58	38.06	-37.82	48.82	88.20	39.38	Horizontal
4	11218	46.14	39.17	-35.59	49.72	74.00	24.28	Horizontal
5	14897	45.05	39.86	-33.36	51.55	88.20	36.65	Horizontal
6	17960.3333	43.95	41.58	-30.85	54.69	74.00	19.31	Horizontal
7	17987.6667	34.74	41.66	-30.76	45.64	54.00	8.36	Horizontal

11ax(HE20)_TX_CH_181_Vertical



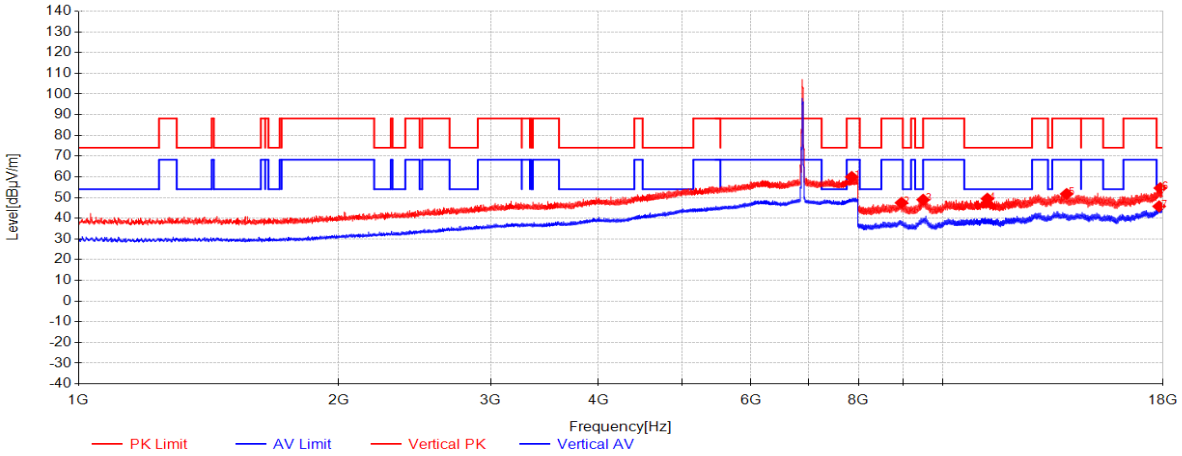
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7765.0625	40.56	36.83	-18.68	58.71	88.20	29.49	Vertical
2	8745	49.02	37.82	-39.20	47.65	88.20	40.55	Vertical
3	9508.3333	49.08	38.05	-38.16	48.97	88.20	39.23	Vertical
4	11570.3333	44.70	38.96	-35.03	48.63	74.00	25.37	Vertical
5	14046.3333	46.36	40.37	-34.90	51.83	88.20	36.37	Vertical
6	17932.6667	43.81	41.50	-30.94	54.38	74.00	19.62	Vertical
7	17992.3333	34.85	41.68	-30.74	45.78	54.00	8.22	Vertical

11ax(HE20)_TX_CH_189_Horizontal



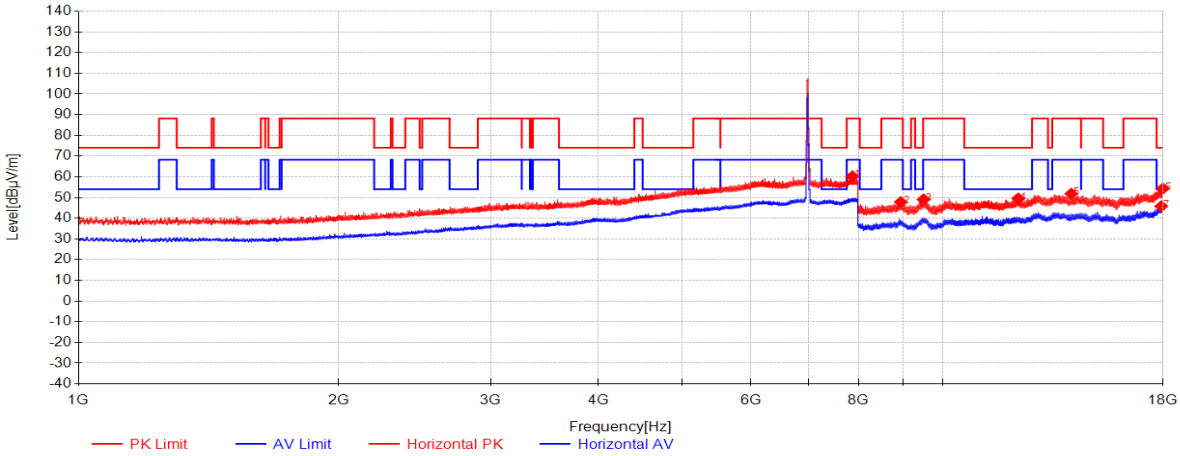
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7770.3125	40.35	36.84	-18.69	58.50	88.20	29.70	Horizontal
2	8969	48.19	37.98	-38.68	47.49	88.20	40.71	Horizontal
3	9538.6667	48.94	38.05	-38.05	48.94	88.20	39.26	Horizontal
4	12095.6667	45.62	38.81	-34.93	49.51	74.00	24.49	Horizontal
5	13524	46.37	40.16	-34.45	52.08	88.20	36.12	Horizontal
6	17999.3333	43.33	41.70	-30.72	54.31	74.00	19.69	Horizontal
7	17998	34.71	41.69	-30.73	45.68	54.00	8.32	Horizontal

11ax(HE20)_TX_CH_189_Vertical



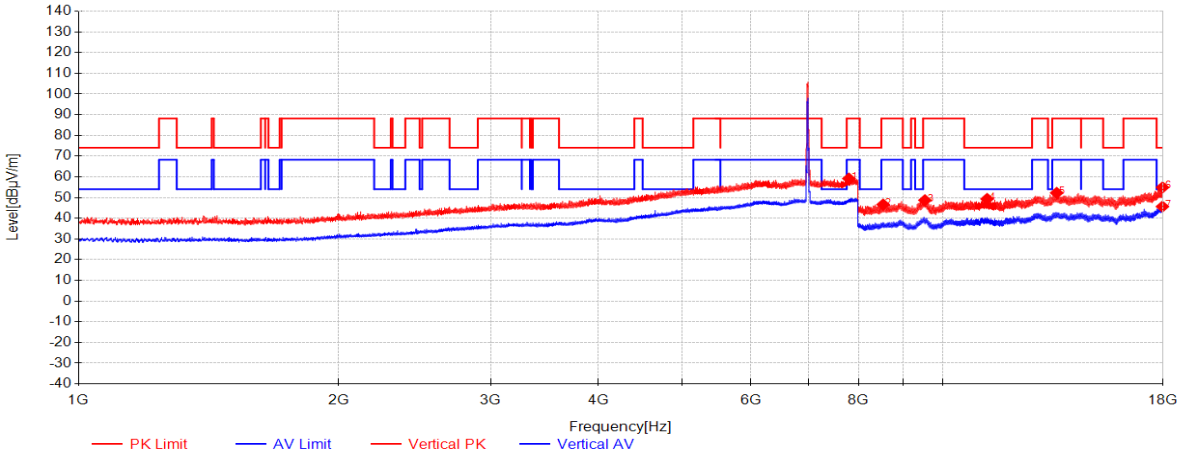
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7853.875	41.73	37.01	-18.79	59.95	88.20	28.25	Vertical
2	8968.3333	48.18	37.98	-38.69	47.47	88.20	40.73	Vertical
3	9502	49.05	38.05	-38.18	48.92	88.20	39.28	Vertical
4	11275	45.68	39.13	-35.38	49.43	74.00	24.57	Vertical
5	13926	45.86	40.36	-34.49	51.73	88.20	36.47	Vertical
6	17873.3333	44.09	41.33	-30.85	54.57	74.00	19.43	Vertical
7	17817.6667	35.02	41.17	-30.45	45.74	54.00	8.26	Vertical

11ax(HE20)_TX_CH_209_Horizontal



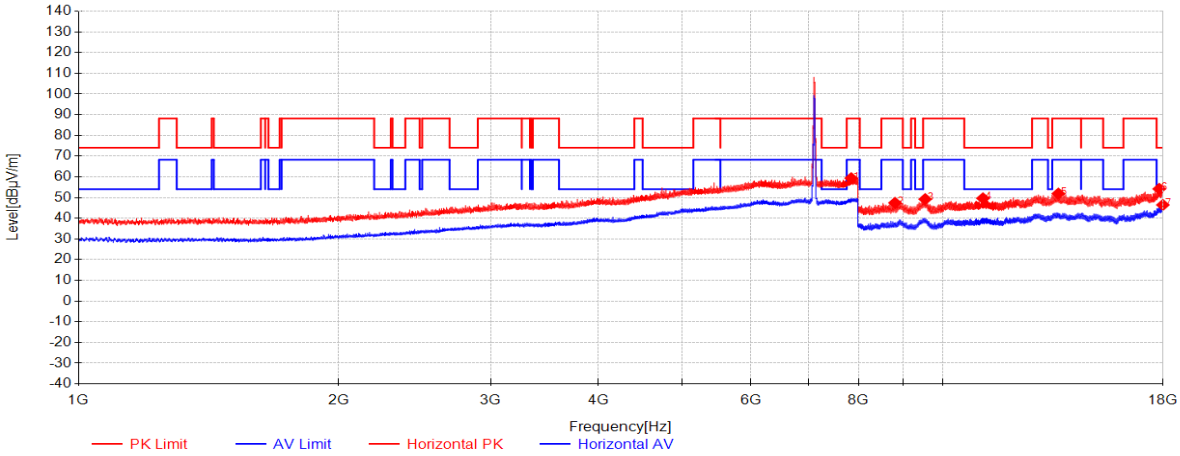
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7867.4375	41.99	37.03	-18.81	60.21	88.20	27.99	Horizontal
2	8950.6667	48.65	37.97	-38.77	47.84	88.20	40.36	Horizontal
3	9511.3333	49.19	38.05	-38.15	49.09	88.20	39.11	Horizontal
4	12244.6667	45.28	38.99	-34.73	49.55	74.00	24.45	Horizontal
5	14099.3333	46.28	40.34	-34.78	51.84	88.20	36.36	Horizontal
6	17993.6667	43.36	41.68	-30.74	54.30	74.00	19.70	Horizontal
7	17919	35.28	41.47	-30.98	45.77	54.00	8.23	Horizontal

11ax(HE20)_TX_CH_209_Vertical



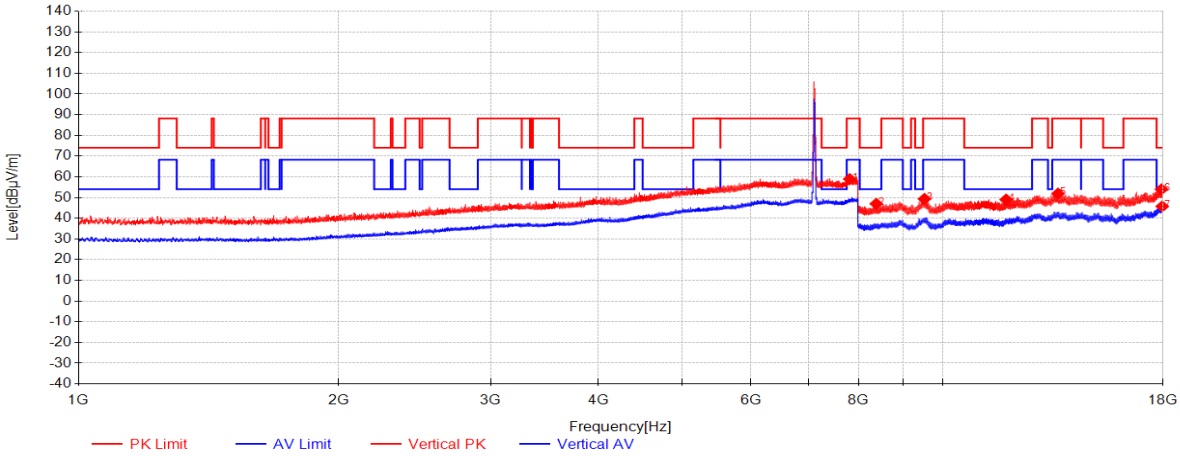
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7795.6875	40.98	36.89	-18.71	59.16	88.20	29.04	Vertical
2	8540.6667	48.61	37.68	-39.66	46.63	88.20	41.57	Vertical
3	9546.3333	48.66	38.05	-38.02	48.69	88.20	39.51	Vertical
4	11267	45.60	39.14	-35.41	49.33	74.00	24.67	Vertical
5	13562.3333	46.47	40.18	-34.39	52.26	88.20	35.94	Vertical
6	17984	44.04	41.65	-30.77	54.92	74.00	19.08	Vertical
7	17977.3333	34.81	41.63	-30.79	45.65	54.00	8.35	Vertical

11ax(HE20)_TX_CH_233_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7845.125	41.12	36.99	-18.78	59.33	88.20	28.87	Horizontal
2	8814	48.70	37.87	-39.12	47.45	88.20	40.75	Horizontal
3	9553.3333	49.16	38.06	-38.00	49.22	88.20	38.98	Horizontal
4	11143.3333	46.02	39.21	-35.62	49.61	74.00	24.39	Horizontal
5	13622	46.13	40.21	-34.44	51.90	88.20	36.30	Horizontal
6	17826.6667	43.48	41.20	-30.51	54.17	74.00	19.83	Horizontal
7	17997.3333	35.47	41.69	-30.73	46.43	54.00	7.57	Horizontal

11ax(HE20)_TX_CH_233_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7812.75	40.71	36.93	-18.73	58.91	88.20	29.29	Vertical
2	8385.3333	49.53	37.57	-40.11	46.99	74.00	27.01	Vertical
3	9534.3333	49.35	38.05	-38.07	49.34	88.20	38.86	Vertical
4	11853.6667	45.27	38.79	-35.06	49.00	74.00	25.00	Vertical
5	13608.3333	46.07	40.20	-34.37	51.90	88.20	36.30	Vertical
6	17929.3333	43.40	41.50	-30.95	53.95	74.00	20.05	Vertical
7	17966.3333	34.95	41.60	-30.83	45.72	54.00	8.28	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) Section 6.10.5

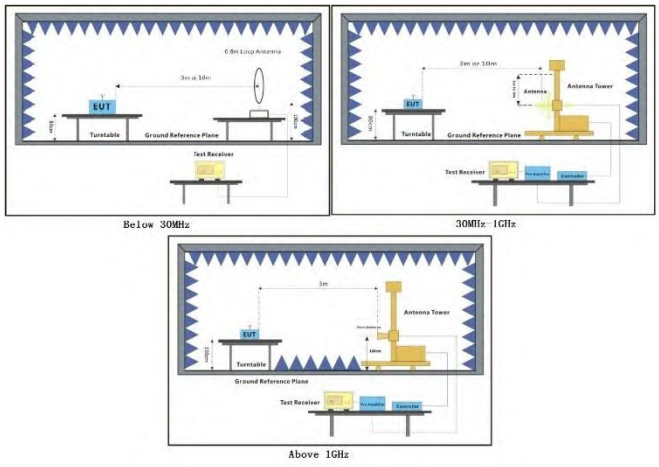
7.3.1 E.U.T. Operation

Operating Environment:
Temperature: 24 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

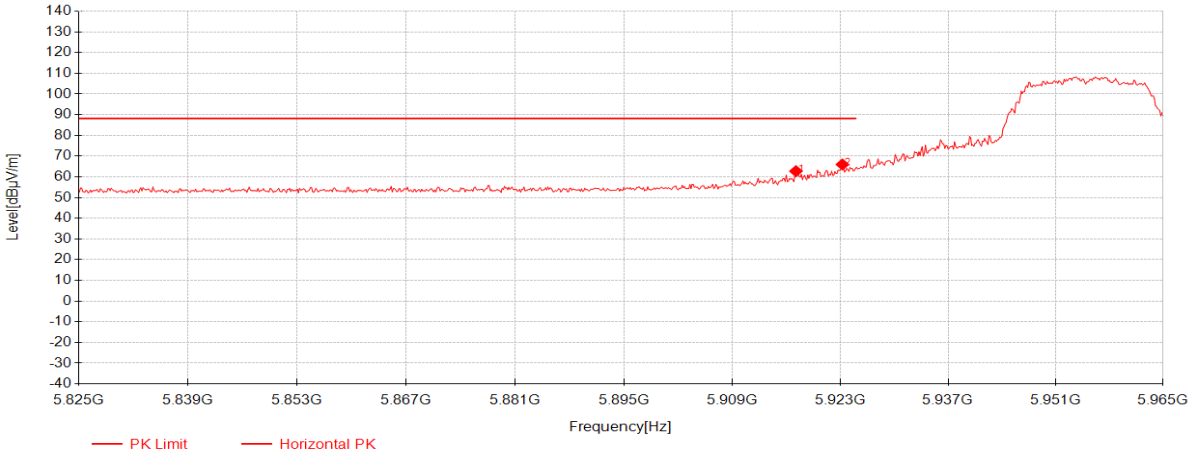
j. Repeat above procedures until all frequencies measured was complete.

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.

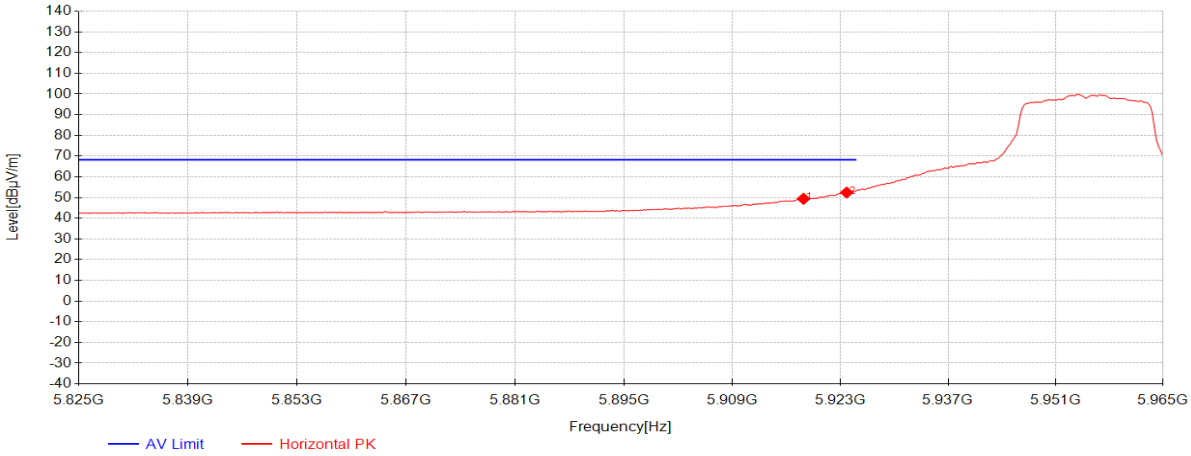
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geqslant$1/T (Duty cycle<98%) or 10Hz (Duty cycle$\geqslant$98%) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_001_Horizontal_Peak



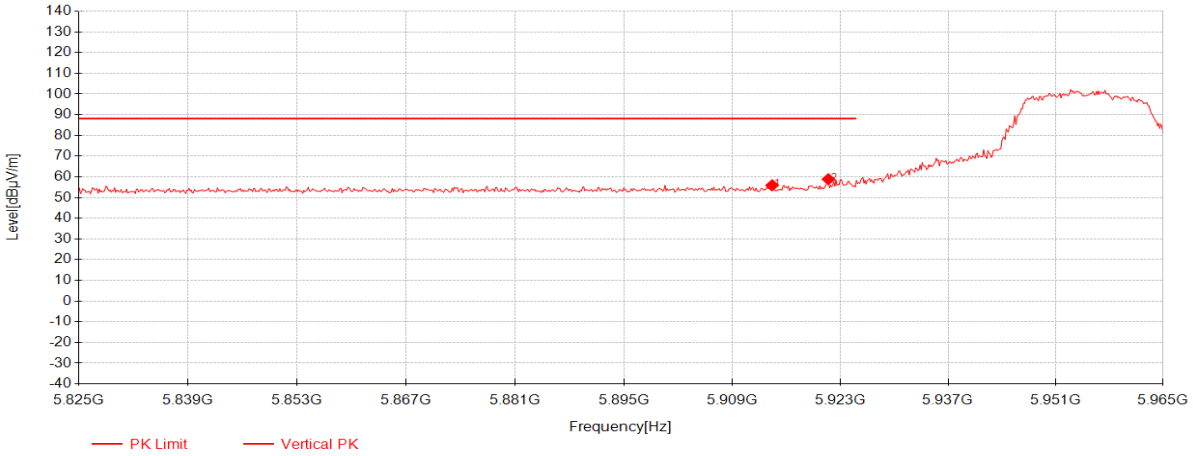
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5917.26	45.35	34.25	-16.86	62.74	88.20	25.46	Horizontal
2	5923.28	48.58	34.27	-16.88	65.97	88.20	22.23	Horizontal

11a_TX_CH_001_Horizontal_Average



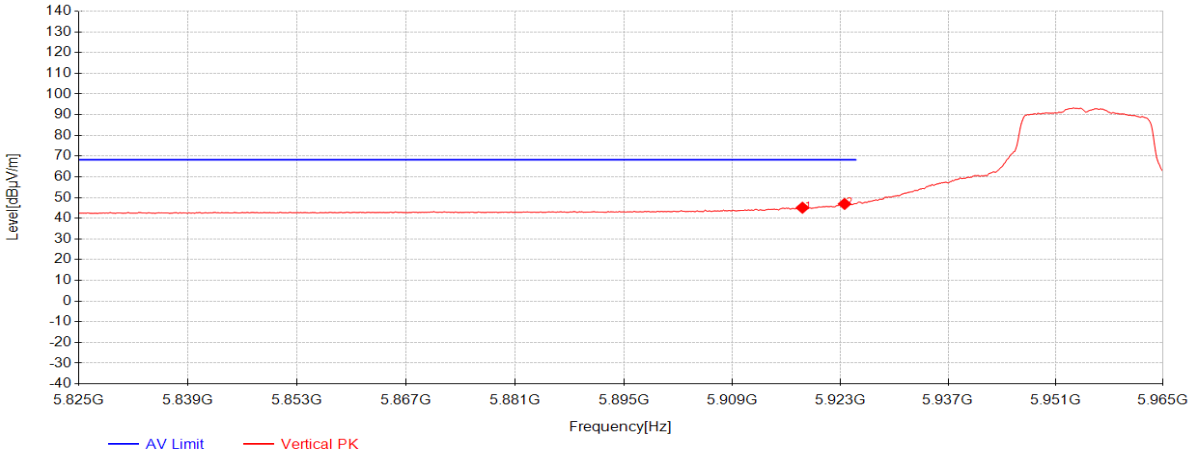
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5918.24	32.00	34.25	-16.87	49.39	68.20	18.81	Horizontal
2	5923.84	35.03	34.27	-16.88	52.42	68.20	15.78	Horizontal

11a_TX_CH_001_Vertical_Peak



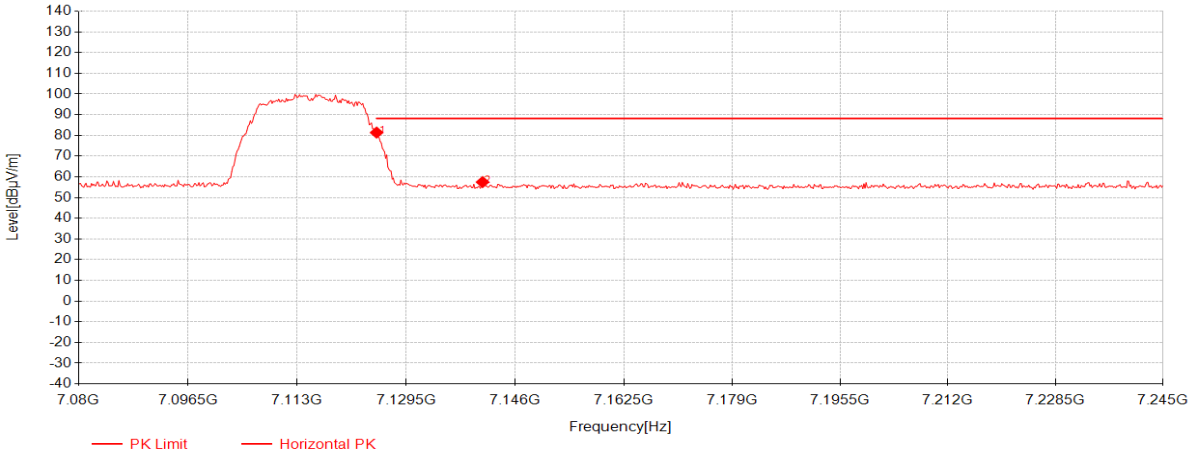
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5914.18	38.55	34.24	-16.85	55.94	88.20	32.26	Vertical
2	5921.46	41.48	34.26	-16.88	58.87	88.20	29.33	Vertical

11a_TX_CH_001_Vertical_Average



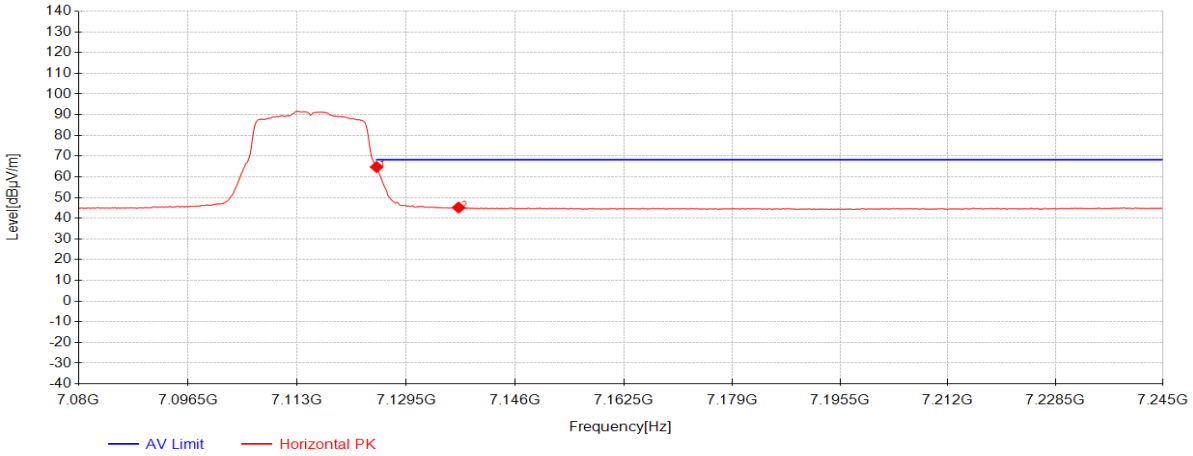
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5918.1	27.69	34.25	-16.87	45.08	68.20	23.12	Vertical
2	5923.56	29.53	34.27	-16.88	46.92	68.20	21.28	Vertical

11a_TX_CH_233_Horizontal_Peak



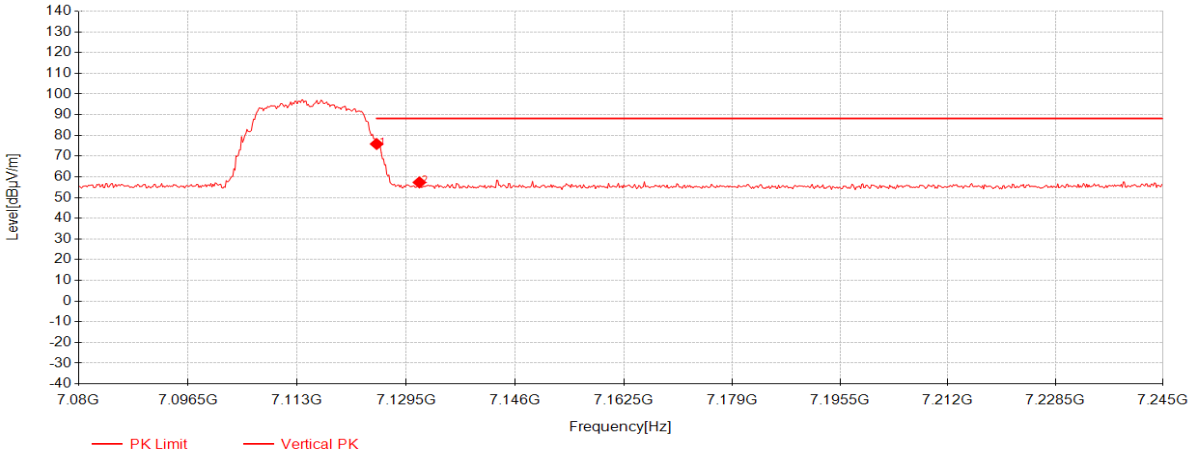
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	62.53	36.30	-17.45	81.38	88.20	6.82	Horizontal
2	7141.05	38.69	36.30	-17.54	57.45	88.20	30.75	Horizontal

11a_TX_CH_233_Horizontal_Average



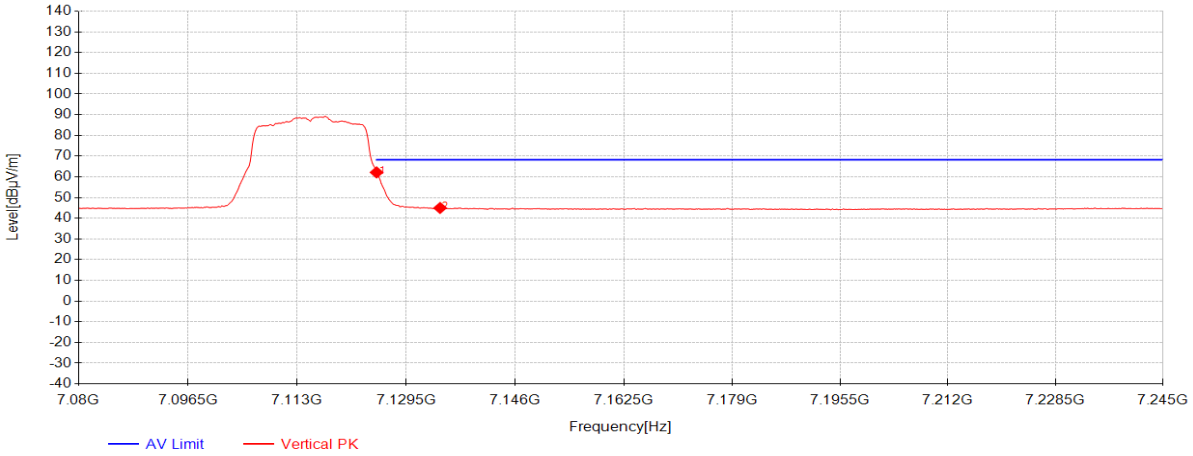
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	45.90	36.30	-17.45	64.75	68.20	3.45	Horizontal
2	7137.42	26.39	36.30	-17.52	45.17	68.20	23.03	Horizontal

11a_TX_CH_233_Vertical_Peak



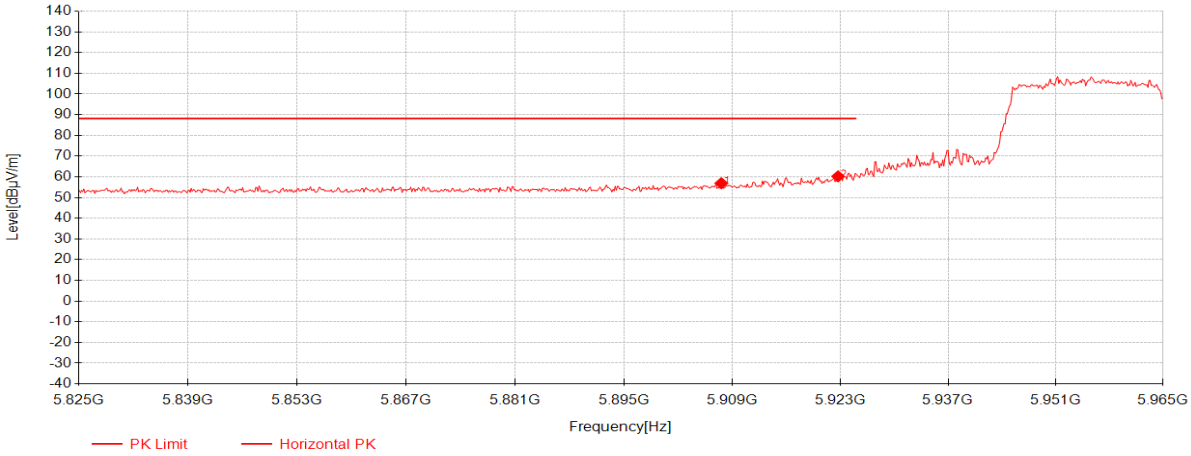
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	57.02	36.30	-17.45	75.87	88.20	12.33	Vertical
2	7131.48	38.50	36.30	-17.49	57.31	88.20	30.89	Vertical

11a_TX_CH_233_Vertical_Average



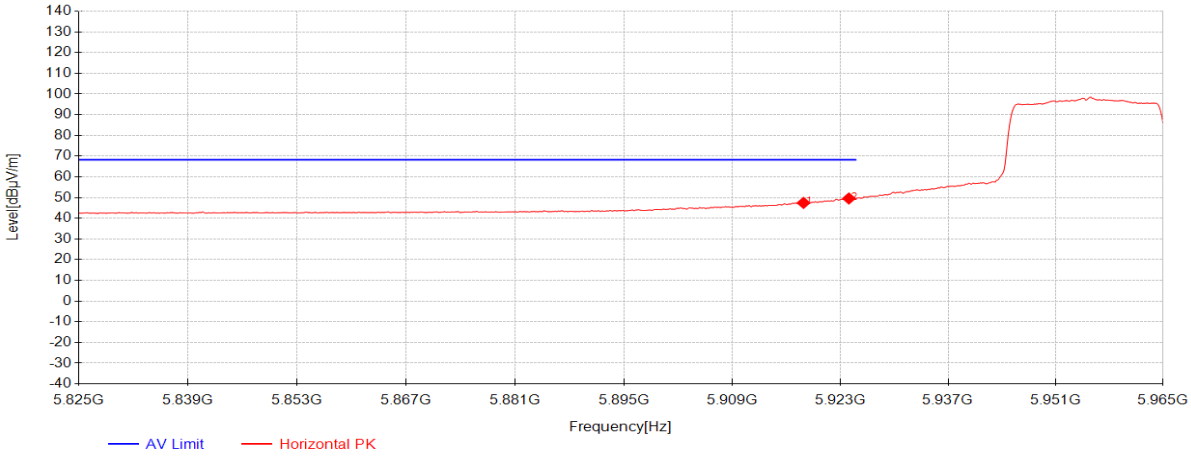
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	43.29	36.30	-17.45	62.14	68.20	6.06	Vertical
2	7134.615	26.18	36.30	-17.51	44.97	68.20	23.23	Vertical

11ax(HE20)_TX_CH_001_Horizontal_Peak



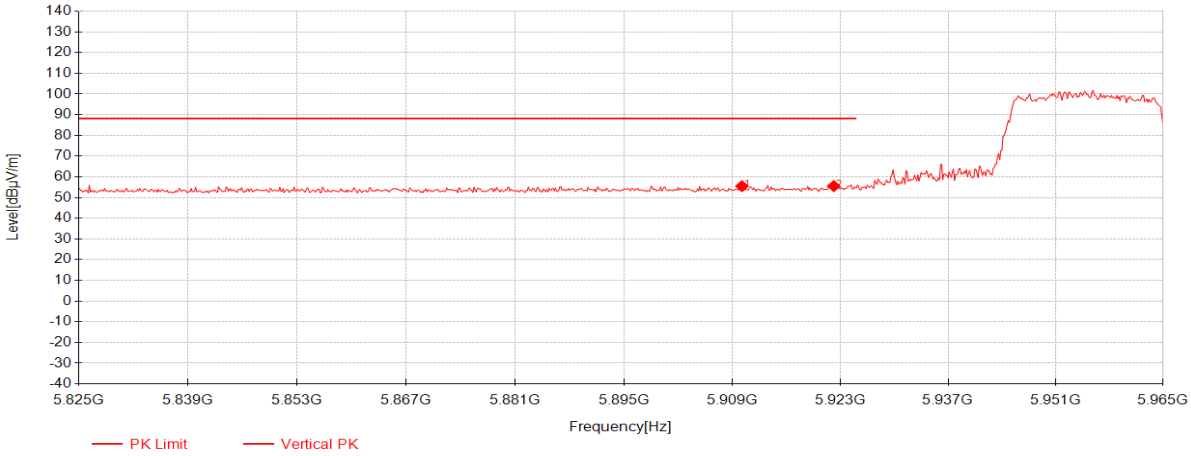
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5907.6	39.51	34.22	-16.83	56.90	88.20	31.30	Horizontal
2	5922.72	42.86	34.27	-16.88	60.25	88.20	27.95	Horizontal

11ax(HE20)_TX_CH_001_Horizontal_Average



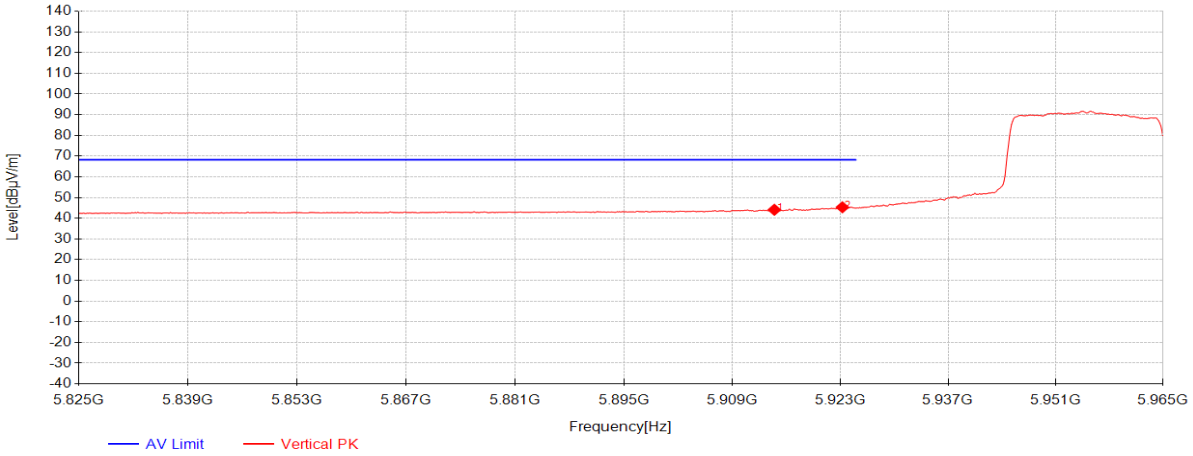
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5918.24	30.03	34.25	-16.87	47.42	68.20	20.78	Horizontal
2	5924.12	32.15	34.27	-16.88	49.54	68.20	18.66	Horizontal

11ax(HE20)_TX_CH_001_Vertical_Peak



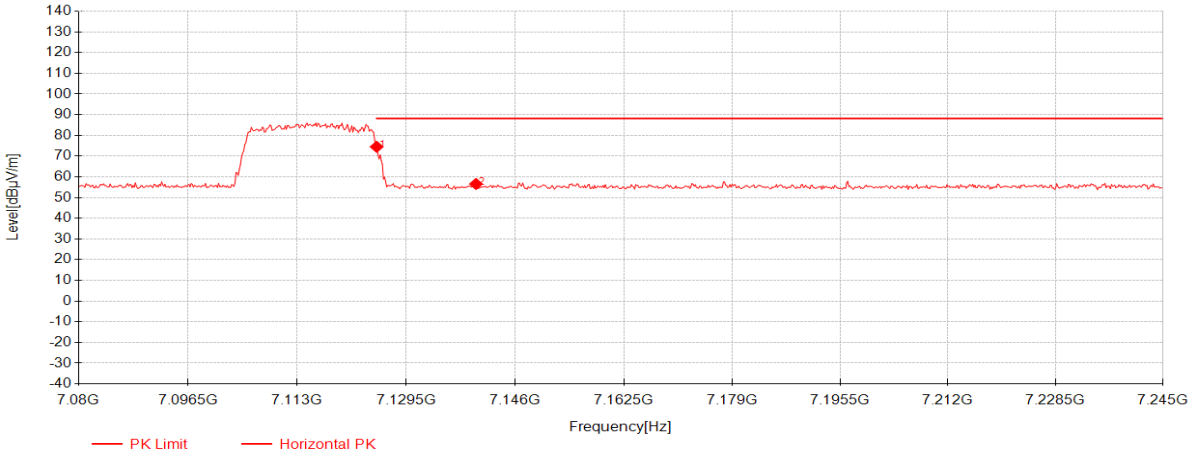
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5910.26	38.10	34.23	-16.84	55.49	88.20	32.71	Vertical
2	5922.16	38.13	34.27	-16.88	55.52	88.20	32.68	Vertical

11ax(HE20)_TX_CH_001_Vertical_Average



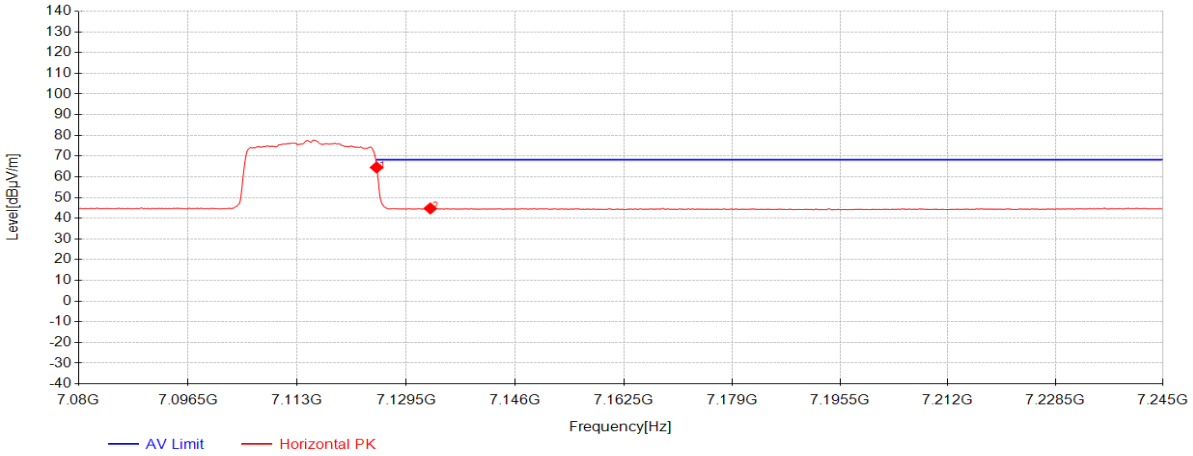
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5914.46	26.71	34.24	-16.85	44.10	68.20	24.10	Vertical
2	5923.28	27.91	34.27	-16.88	45.30	68.20	22.90	Vertical

11ax(HE20)_TX_CH_233_Horizontal_Peak



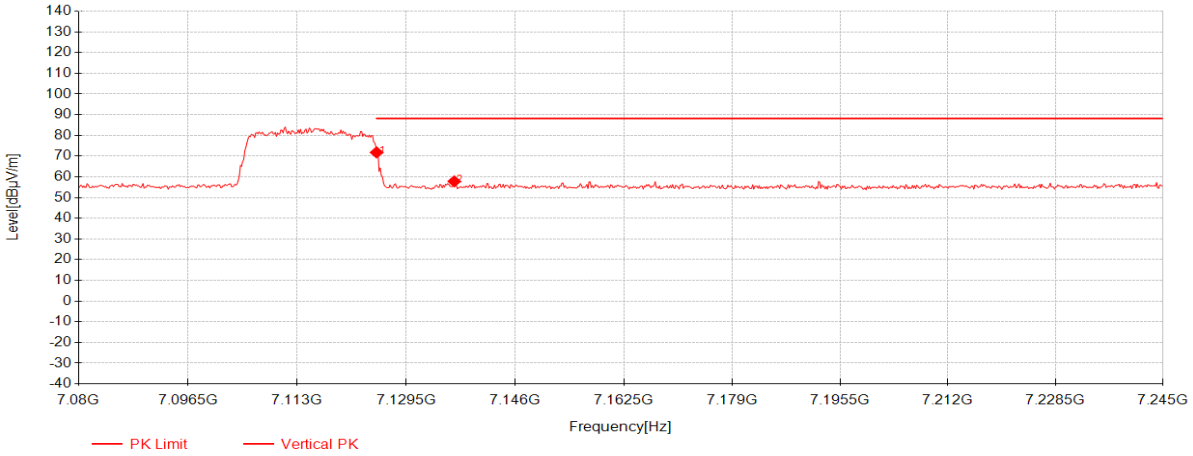
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	55.66	36.30	-17.45	74.51	88.20	13.69	Horizontal
2	7140.06	37.79	36.30	-17.54	56.55	88.20	31.65	Horizontal

11ax(HE20)_TX_CH_233_Horizontal_Average



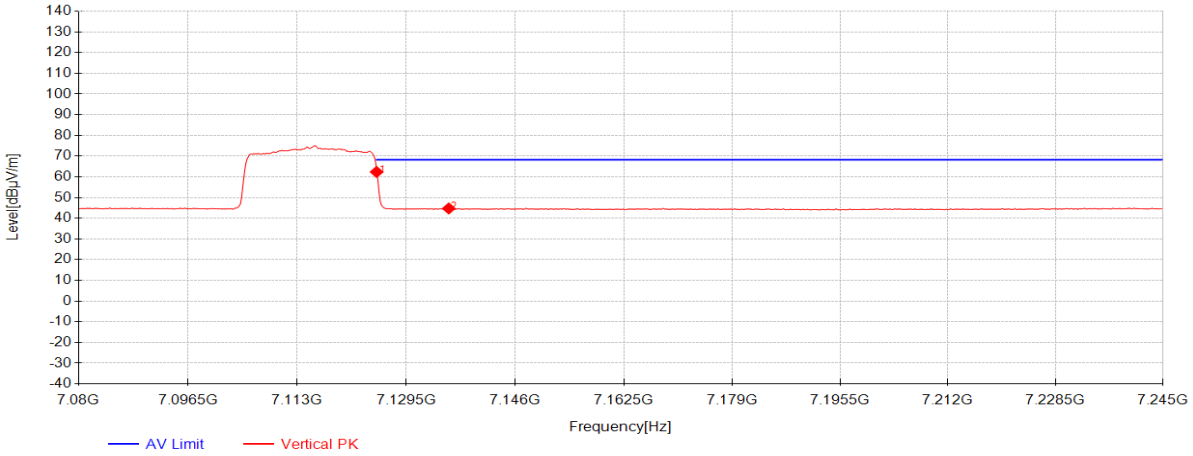
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	45.68	36.30	-17.45	64.53	68.20	3.67	Horizontal
2	7133.13	25.94	36.30	-17.50	44.74	68.20	23.46	Horizontal

11ax(HE20)_TX_CH_233_Vertical_Peak



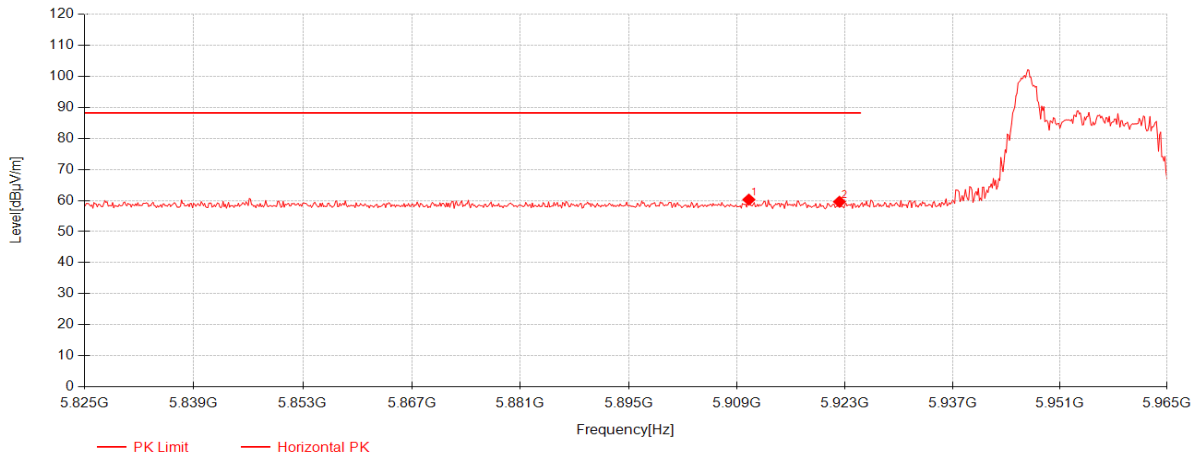
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	52.94	36.30	-17.45	71.79	88.20	16.41	Vertical
2	7136.76	39.04	36.30	-17.52	57.82	88.20	30.38	Vertical

11ax(HE20)_TX_CH_233_Vertical_Average



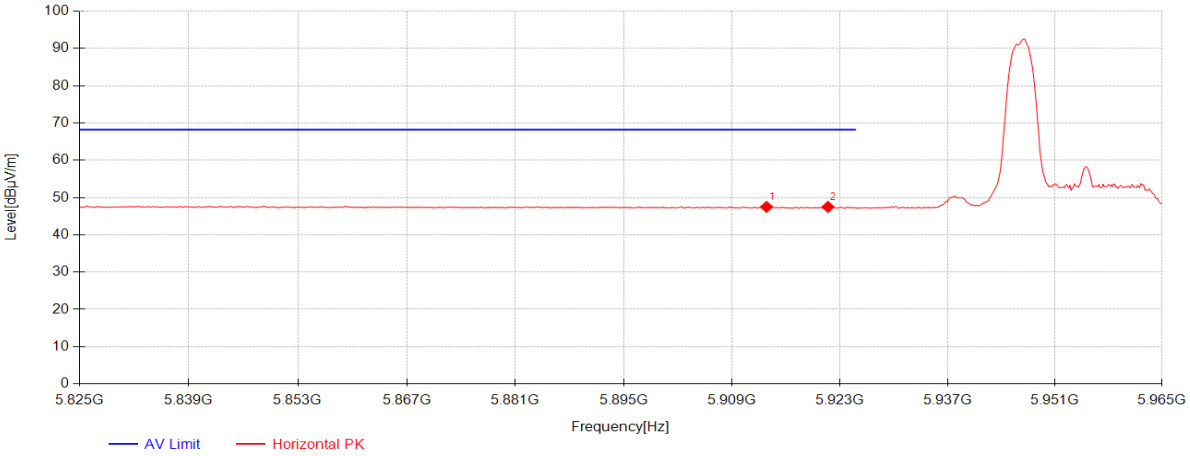
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125	43.51	36.30	-17.45	62.36	68.20	5.84	Vertical
2	7135.935	25.94	36.30	-17.51	44.73	68.20	23.47	Vertical

11ax(HE20)_TX_RU26_Left_CH_001_Horizontal_Peak



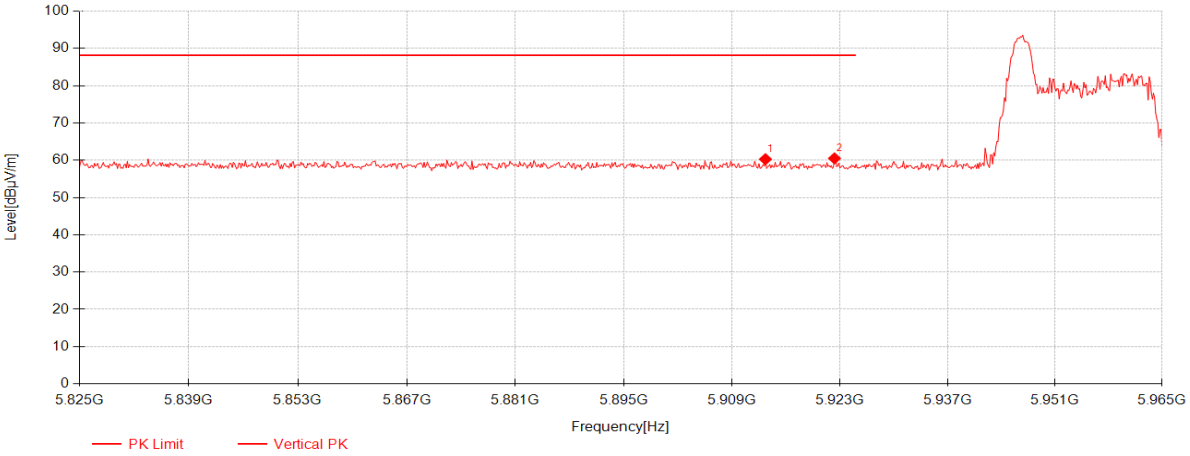
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5910.54	32.82	-12.04	60.29	88.20	27.91	Horizontal
2	5922.3	32.84	-12.03	59.62	88.20	28.58	Horizontal

11ax(HE20)_TX_RU26_Left_CH_001_Horizontal_Average



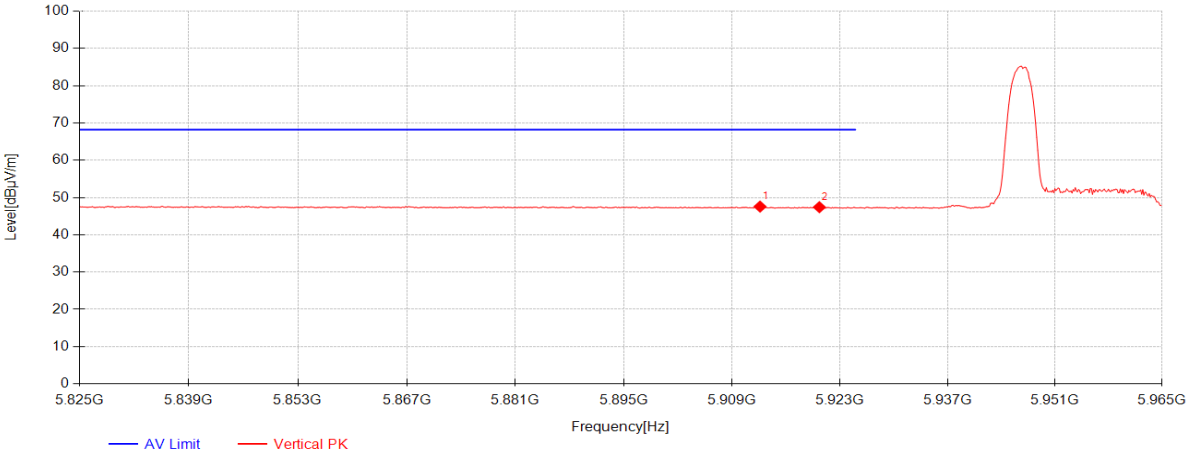
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5913.48	32.83	-12.04	47.50	68.20	20.70	Horizontal
2	5921.46	32.84	-12.03	47.49	68.20	20.71	Horizontal

11ax(HE20)_TX_RU26_Left_CH_001_Vertical_Peak



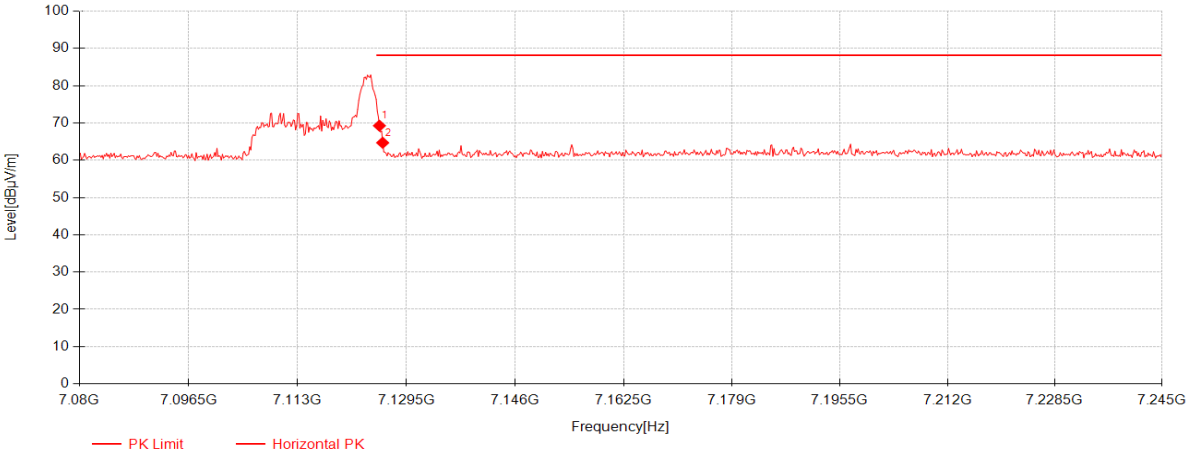
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5913.34	32.83	-12.04	60.29	88.20	27.91	Vertical
2	5922.3	32.84	-12.03	60.51	88.20	27.69	Vertical

11ax(HE20)_TX_RU26_Left_CH_001_Vertical_Average



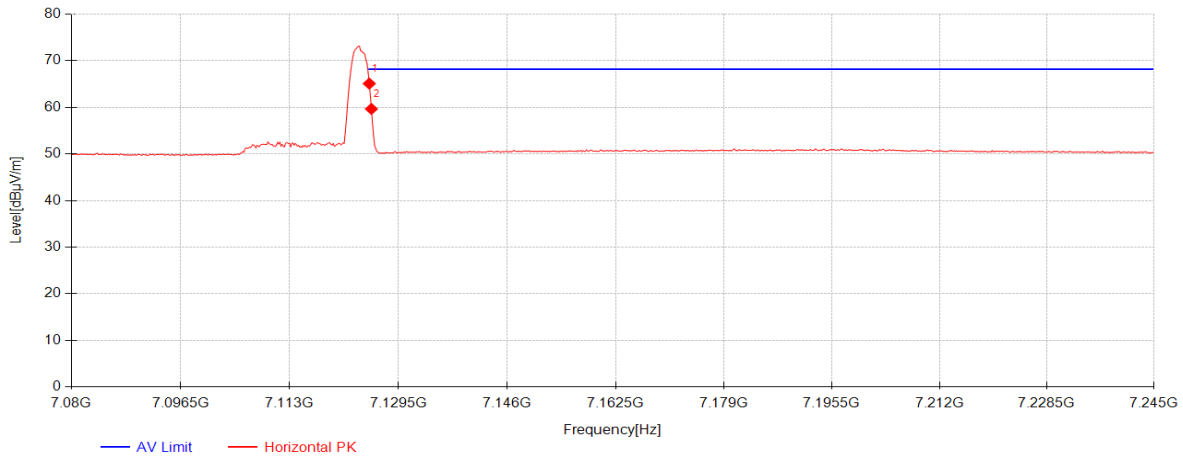
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5912.64	32.83	-12.04	47.57	68.20	20.63	Vertical
2	5920.34	32.84	-12.03	47.41	68.20	20.79	Vertical

11ax(HE20)_TX_RU26_Right_CH_233_Horizontal_Peak



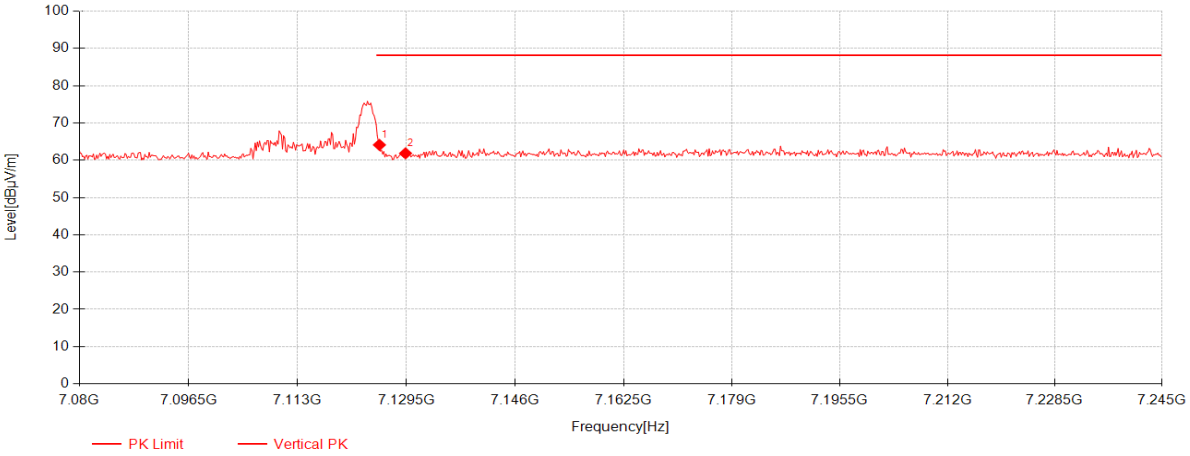
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.375	36.15	-11.85	69.27	88.20	18.93	Horizontal
2	7125.87	36.16	-11.84	64.69	88.20	23.51	Horizontal

11ax(HE20)_TX_RU26_Right_CH_233_Horizontal_Average



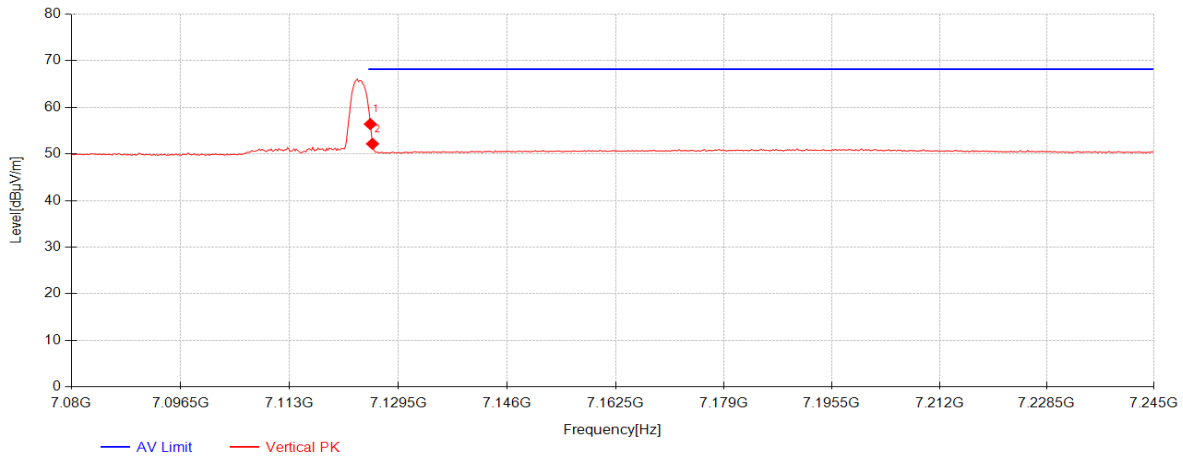
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	65.10	68.20	3.10	Horizontal
2	7125.375	36.15	-11.85	59.66	68.20	8.54	Horizontal

11ax(HE20)_TX_RU26_Right_CH_233_Vertical_Peak



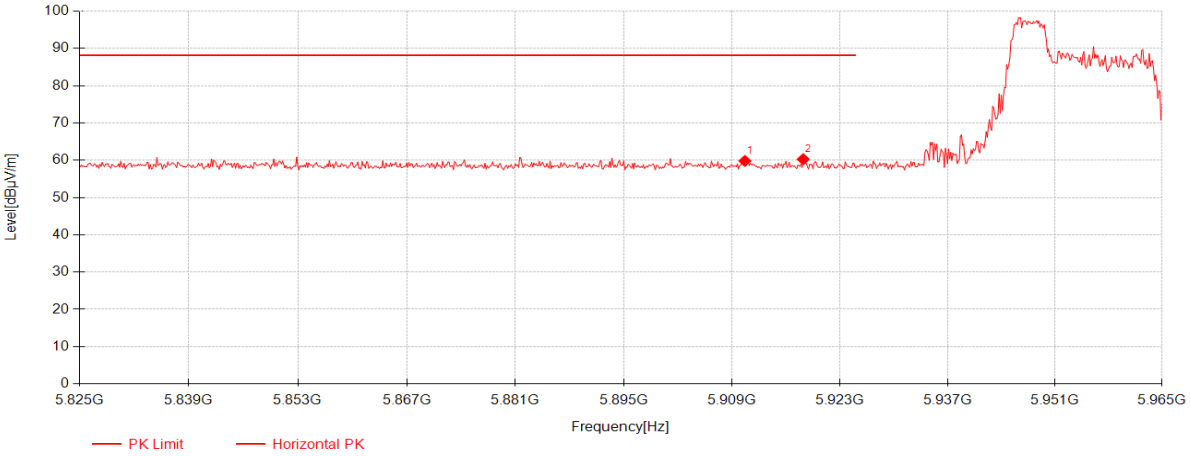
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.375	36.15	-11.85	64.13	88.20	24.07	Vertical
2	7129.335	36.19	-11.83	61.87	88.20	26.33	Vertical

11ax(HE20)_TX_RU26_Right_CH_233_Vertical_Average



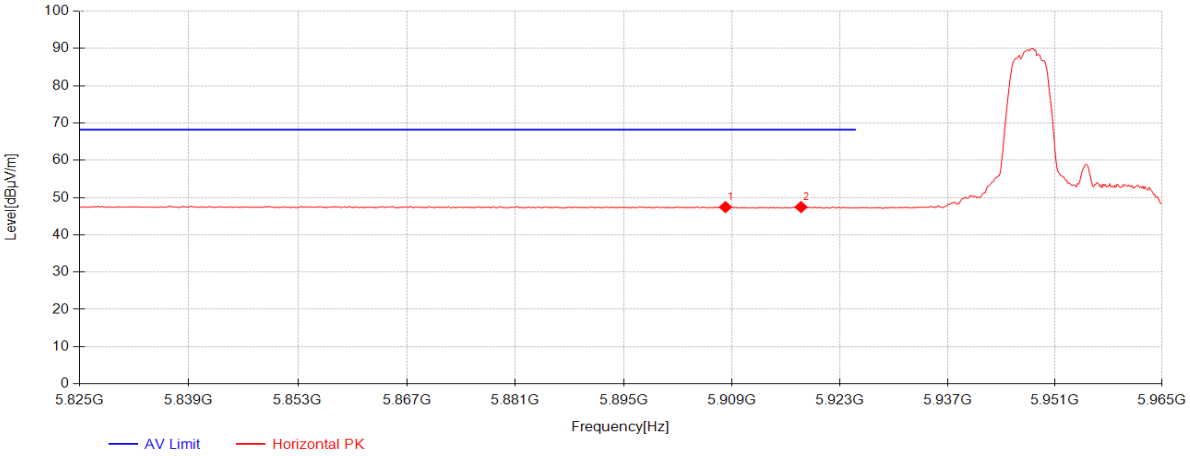
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.21	36.15	-11.85	56.41	68.20	11.79	Vertical
2	7125.54	36.16	-11.85	52.17	68.20	16.03	Vertical

11ax(HE20)_TX_RU52_Left_CH_001_Horizontal_Peak



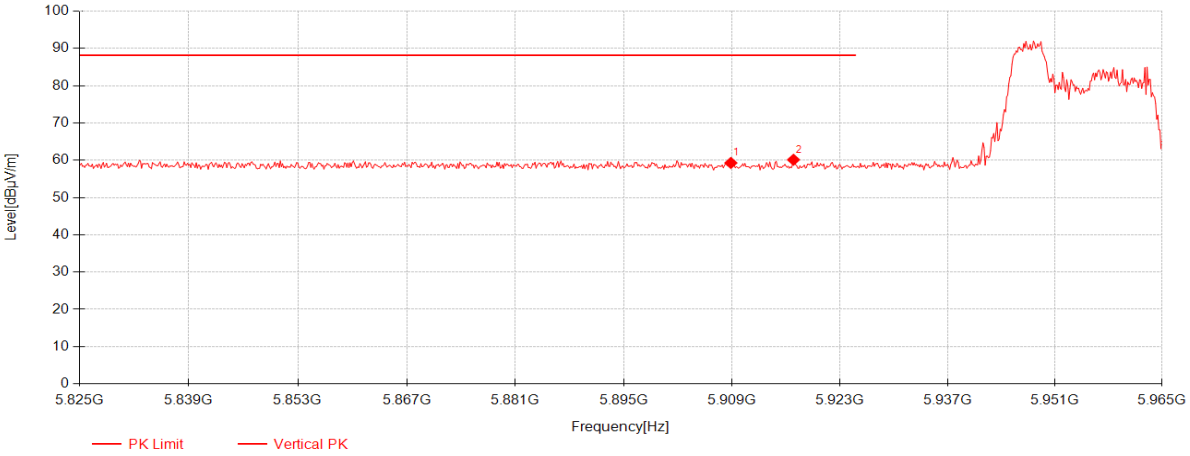
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5910.68	32.82	-12.04	59.82	88.20	28.38	Horizontal
2	5918.24	32.84	-12.03	60.27	88.20	27.93	Horizontal

11ax(HE20)_TX_RU52_Left_CH_001_Horizontal_Average



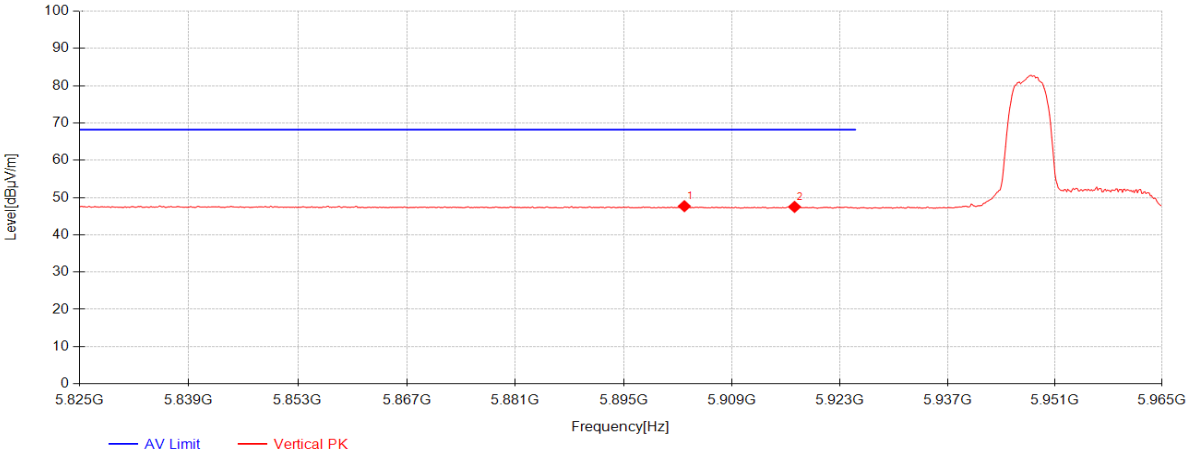
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5908.16	32.82	-12.05	47.44	68.20	20.76	Horizontal
2	5917.96	32.84	-12.03	47.44	68.20	20.76	Horizontal

11ax(HE20)_TX_RU52_Left_CH_001_Vertical_Peak



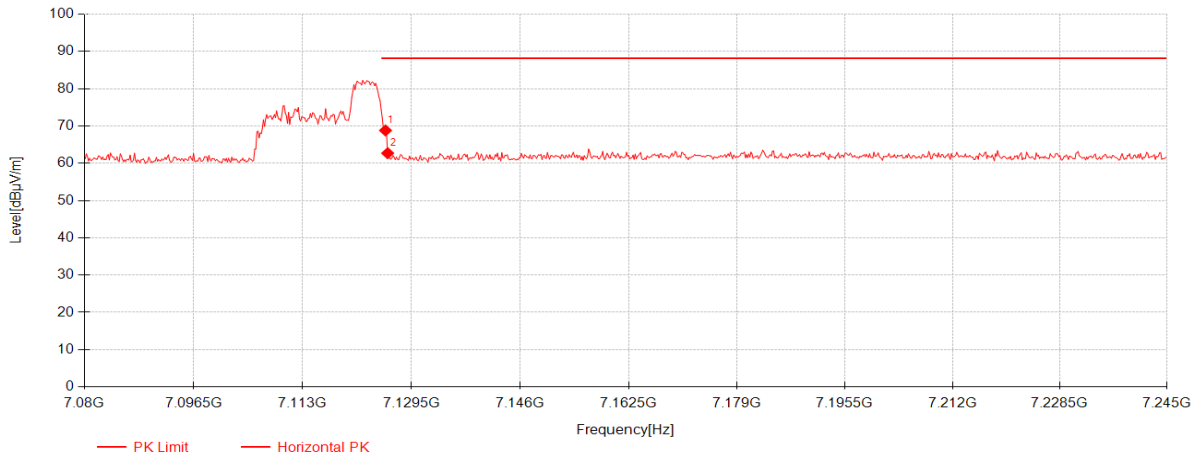
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5908.86	32.82	-12.05	59.29	88.20	28.91	Vertical
2	5916.98	32.83	-12.03	60.14	88.20	28.06	Vertical

11ax(HE20)_TX_RU52_Left_CH_001_Vertical_Average



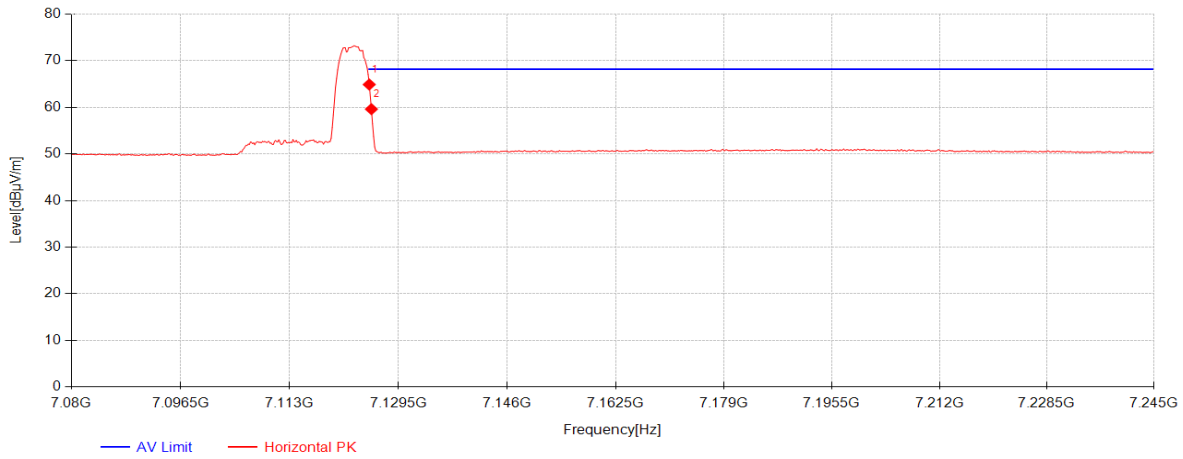
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5902.84	32.81	-12.06	47.68	68.20	20.52	Vertical
2	5917.12	32.83	-12.03	47.49	68.20	20.71	Vertical

11ax(HE20)_TX_RU52_Right_CH_233_Horizontal_Peak



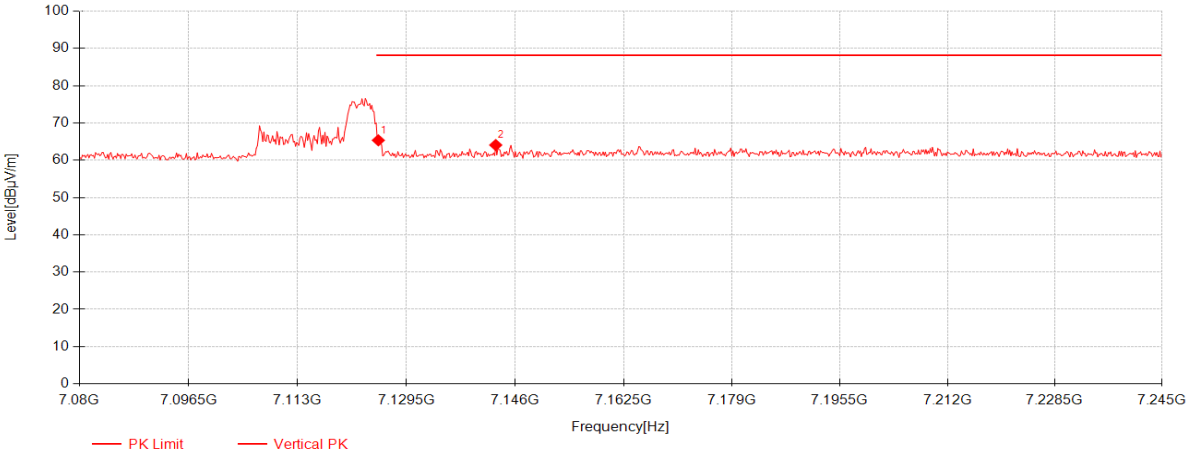
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.54	36.16	-11.85	68.80	88.20	19.40	Horizontal
2	7125.87	36.16	-11.84	62.71	88.20	25.49	Horizontal

11ax(HE20)_TX_RU52_Right_CH_233_Horizontal_Average



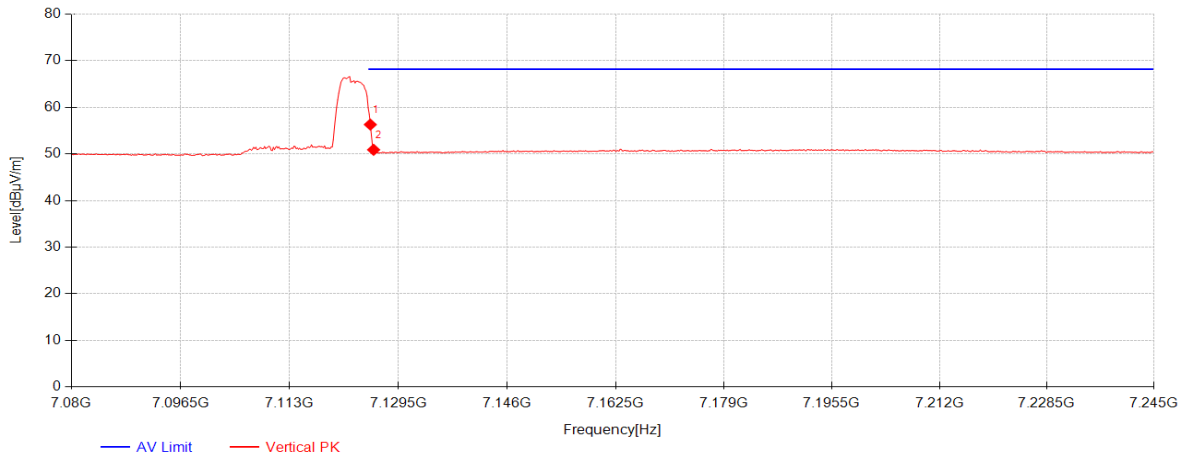
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	64.90	68.20	3.30	Horizontal
2	7125.375	36.15	-11.85	59.61	68.20	8.59	Horizontal

11ax(HE20)_TX_RU52_Right_CH_233_Vertical_Peak



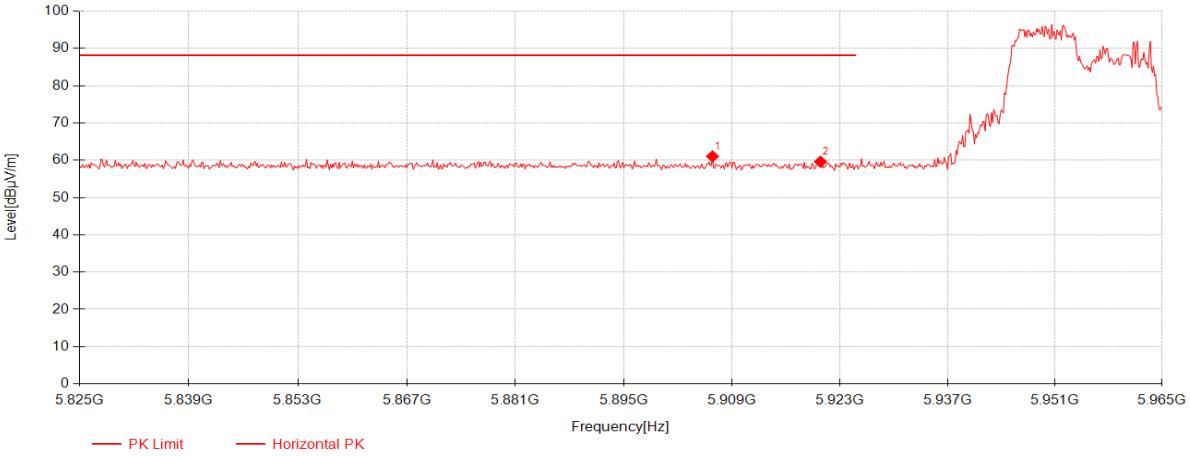
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.21	36.15	-11.85	65.36	88.20	22.84	Vertical
2	7143.03	36.33	-11.77	64.08	88.20	24.12	Vertical

11ax(HE20)_TX_RU52_Right_CH_233_Vertical_Average



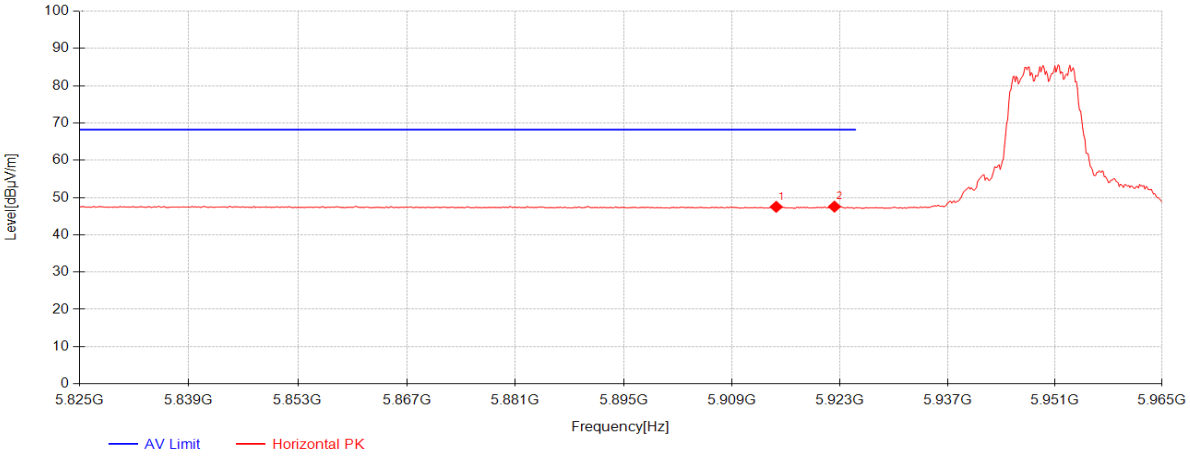
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.21	36.15	-11.85	56.30	68.20	11.90	Vertical
2	7125.705	36.16	-11.84	50.89	68.20	17.31	Vertical

11ax(HE20)_TX_RU106_Left_CH_001_Horizontal_Peak



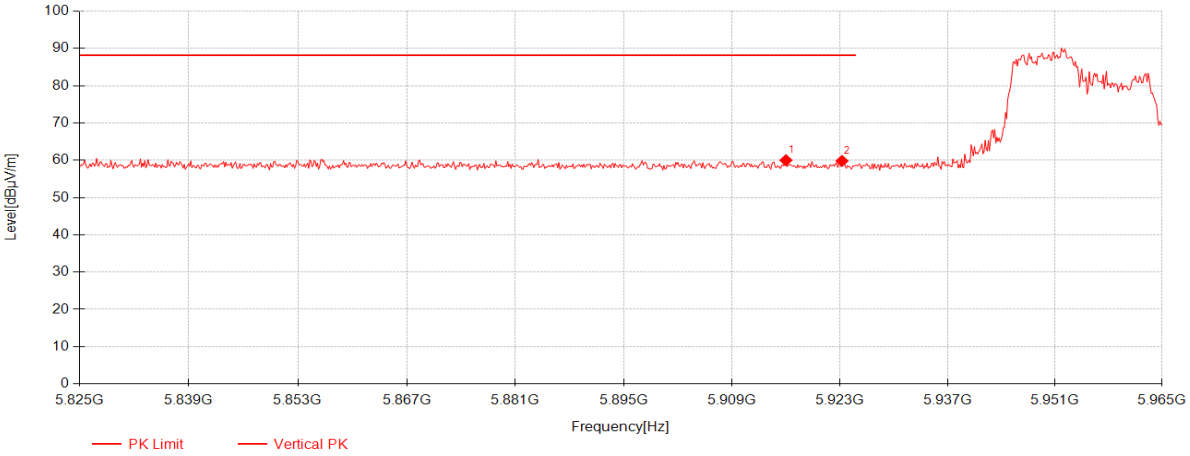
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5906.48	32.81	-12.05	61.05	88.20	27.15	Horizontal
2	5920.48	32.84	-12.03	59.63	88.20	28.57	Horizontal

11ax(HE20)_TX_RU106_Left_CH_001_Horizontal_Average



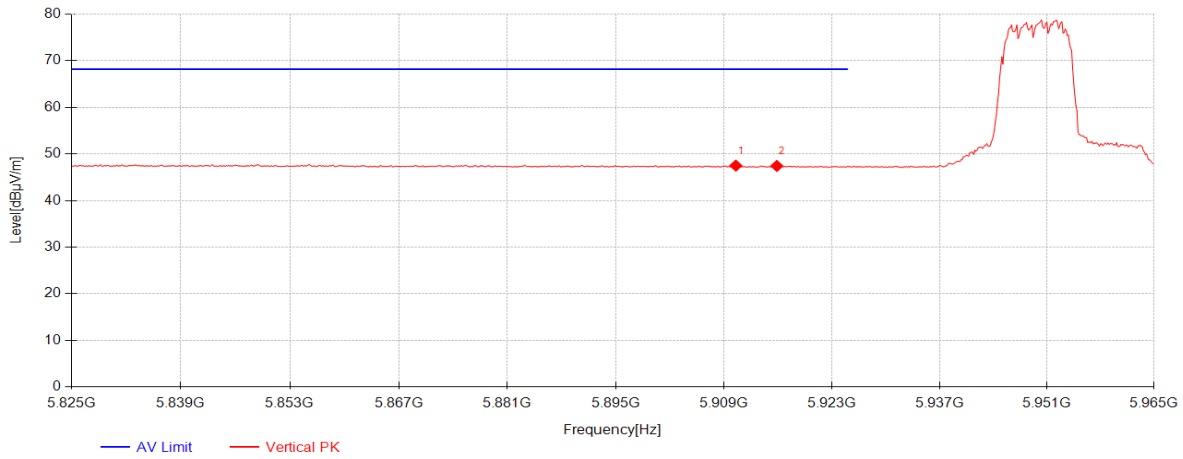
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5914.74	32.83	-12.04	47.50	68.20	20.70	Horizontal
2	5922.3	32.84	-12.03	47.56	68.20	20.64	Horizontal

11ax(HE20)_TX_RU106_Left_CH_001_Vertical_Peak



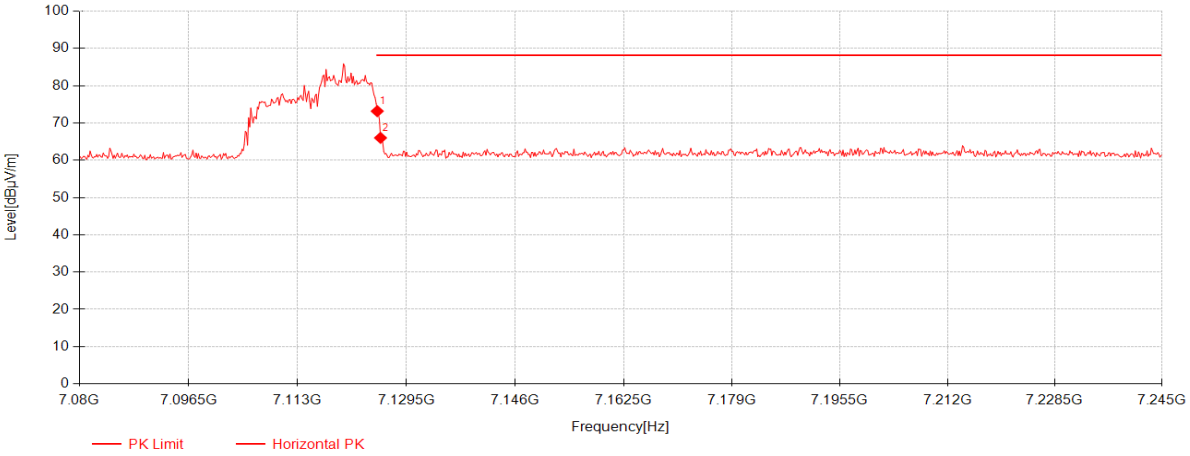
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5916	32.83	-12.04	60.01	88.20	28.19	Vertical
2	5923.28	32.85	-12.03	59.82	88.20	28.38	Vertical

11ax(HE20)_TX_RU106_Left_CH_001_Vertical_Average



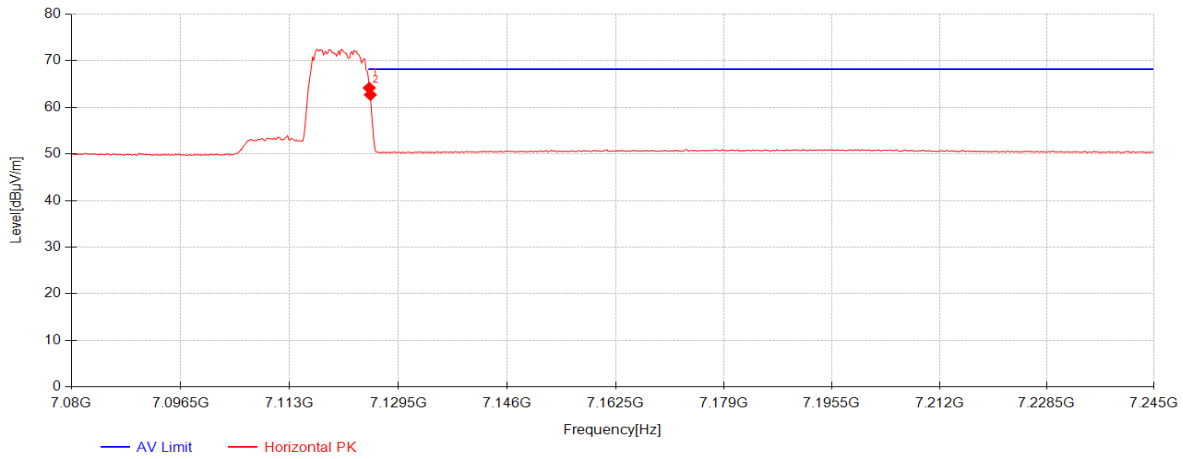
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5910.54	32.82	-12.04	47.50	68.20	20.70	Vertical
2	5915.86	32.83	-12.04	47.42	68.20	20.78	Vertical

11ax(HE20)_TX_RU106_Right_CH_233_Horizontal_Peak



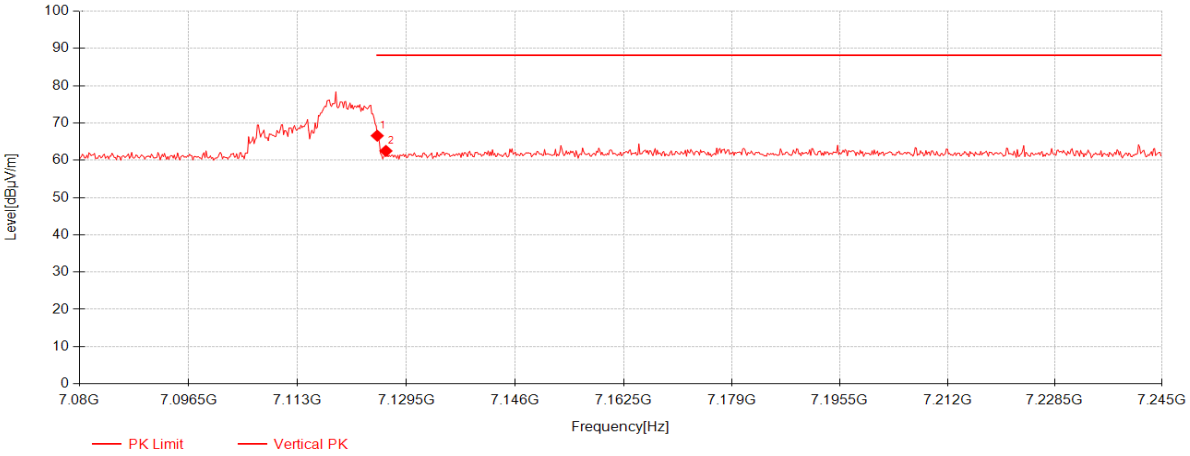
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	73.17	88.20	15.03	Horizontal
2	7125.54	36.16	-11.85	66.02	88.20	22.18	Horizontal

11ax(HE20)_TX_RU106_Right_CH_233_Horizontal_Average



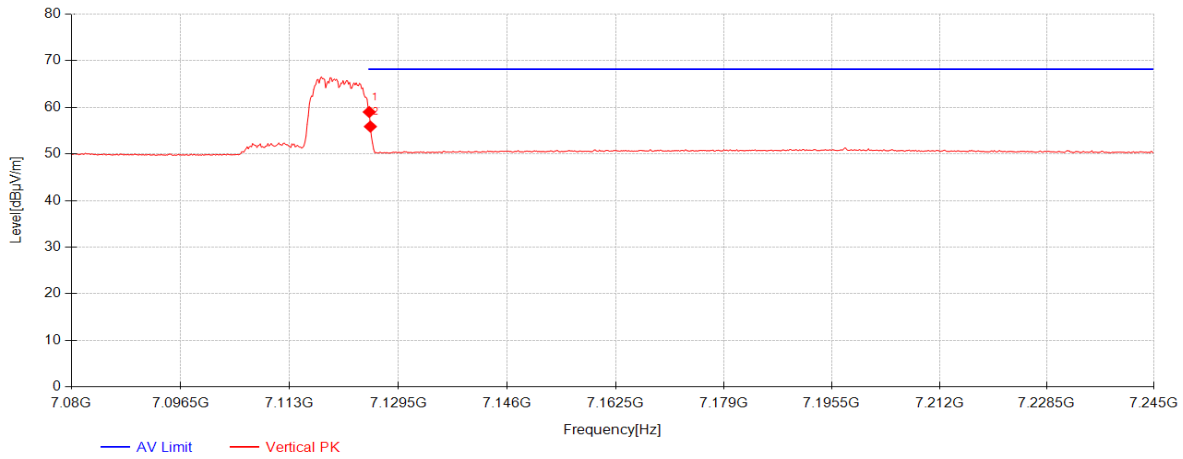
Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	64.18	68.20	4.02	Horizontal
2	7125.21	36.15	-11.85	62.69	68.20	5.51	Horizontal

11ax(HE20)_TX_RU106_Right_CH_233_Vertical_Peak



Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	66.58	88.20	21.62	Vertical
2	7126.365	36.16	-11.84	62.50	88.20	25.70	Vertical

11ax(HE20)_TX_RU106_Right_CH_233_Vertical_Average



Data List							
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7125.045	36.15	-11.85	59.00	68.20	9.20	Vertical
2	7125.21	36.15	-11.85	55.88	68.20	12.32	Vertical

7.4 In-Band Emissions

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

Limit:

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

7.4.1 E.U.T. Operation

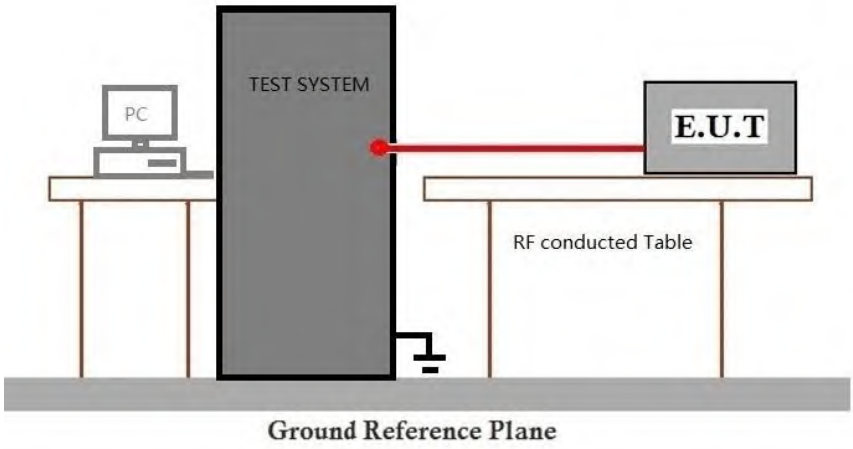
Operating Environment:

Temperature: 23 °C Humidity: 45 % RH Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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

Please Refer to Appendix for Details

7.5 Contention-based Protocol

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

Test Method: KDB 987594 D02

Limit:

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

7.5.1 E.U.T. Operation

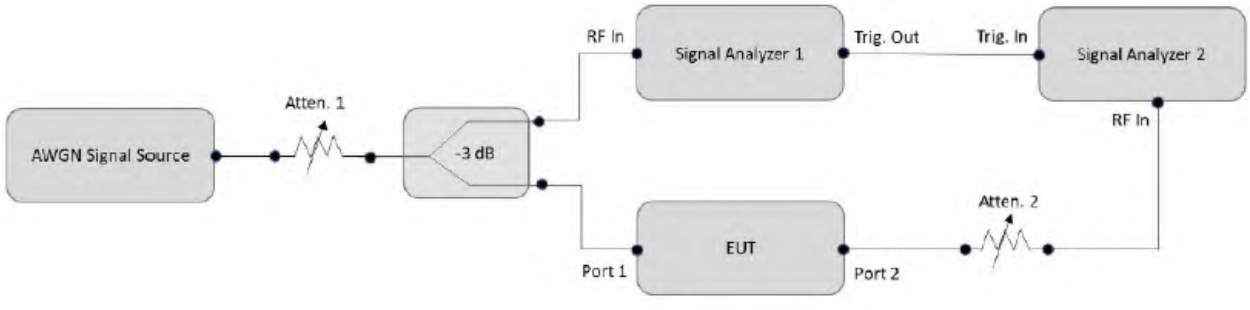
Operating Environment:

Temperature: 25 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	14	TX mode (U-NII-6) _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.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

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

Please Refer to Appendix for Details

7.6 Duty Cycle

Test Requirement ANSI C63.10 (2020) Section 12.2
Test Method: ANSI C63.10 (2020) Section 12.2

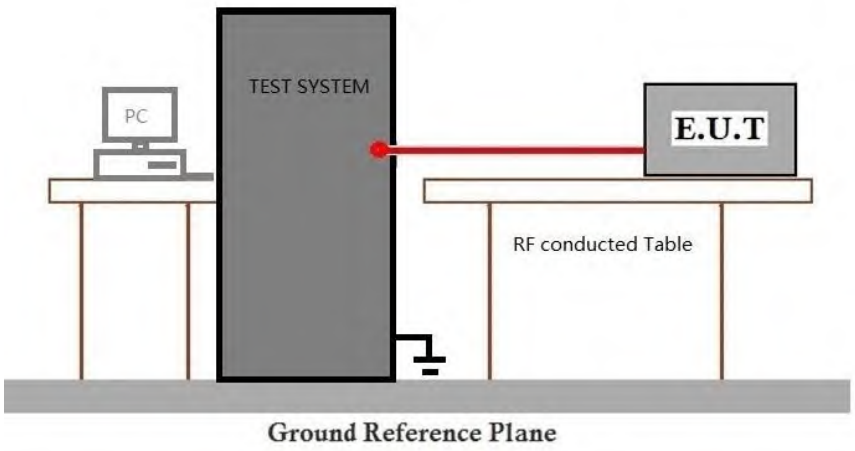
7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 22 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 99% Bandwidth

Test Requirement ANSI C63.10 (2020) Section 12.5.3
Test Method: ANSI C63.10 (2020) Section 12.5.3

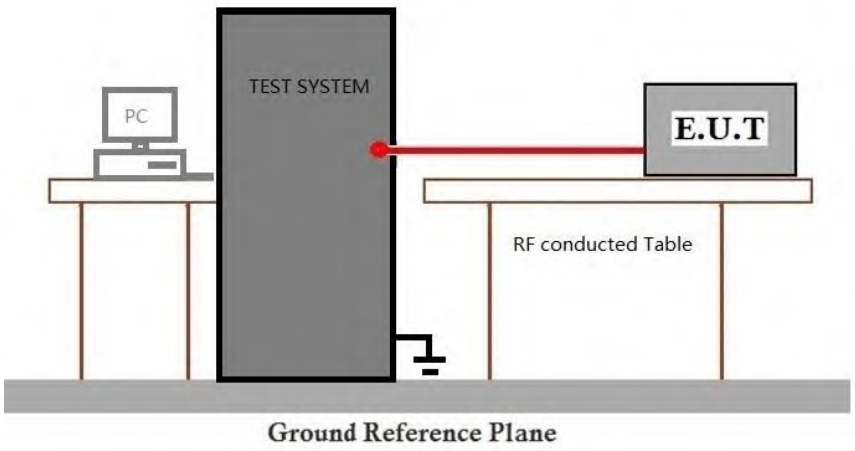
7.7.1 E.U.T. Operation

Operating Environment:
Temperature: 21 °C Humidity: 45 % RH Atmospheric Pressure: 1001 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.5.2

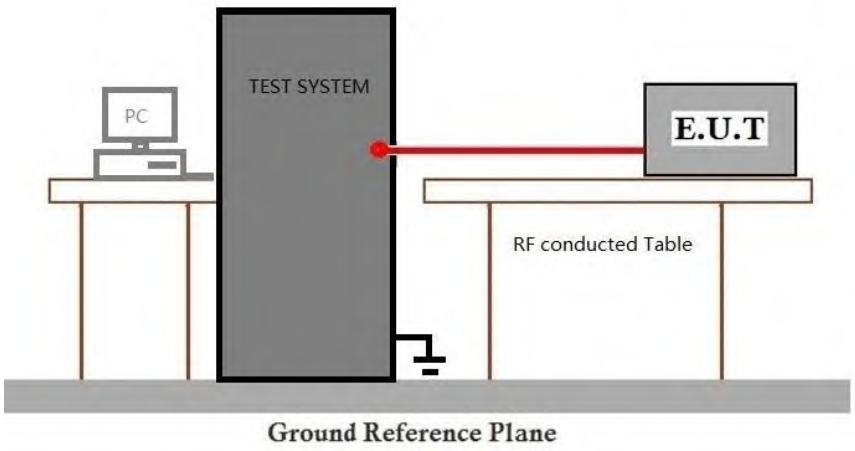
7.8.1 E.U.T. Operation

Operating Environment:
Temperature: 25 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 Maximum Conducted output power

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

Test Method: ANSI C63.10 (2020) Section 12.4

Limit:

Device Type	Frequency Range (MHz)	EIRP Limit (dBm)	EIRP PSD Limit(dBm/MHz)
LPI AP/ Subordinate	5925-7125	⩽30	⩽5
LPI Client Device And Dual Client controlled by LPI AP/ Subordinate	5925-7125	⩽24	⩽-1
Dual Client controlled by Standard Power AP	5925-6425; 6525-6875	30 max & 6dB below Std. AP	17 max & 6dB below Std. AP
Standard Power AP And Fixed Client Devices	5925-6425; 6525-6875	⩽36 (21dBm for elevation angle greater than 30 degrees above the horizon)	⩽23
Standard Client Devices	5925-6425; 6525-6875	30 max & 6dB below Std. AP	17 max & 6dB below Std. AP
Very Low-Power Devices	5925-6425; 6525-6875	⩽14	⩽-5 shall demonstrate the TPC capability to operate at least 6 dB below the maximum EIRP PSD value of -5 dBm/MHz.

7.9.1 E.U.T. Operation

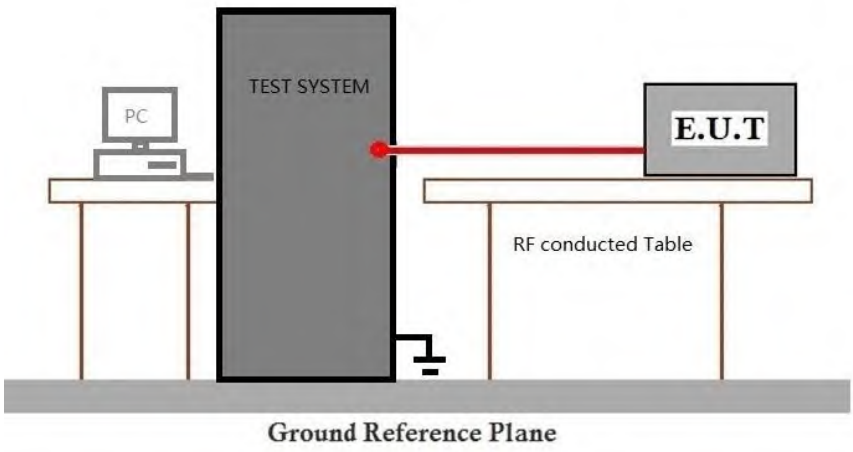
Operating Environment:

Temperature: 23 °C Humidity: 41 % RH Atmospheric Pressure: 1001 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level +Cable loss + DCCF

Please Refer to Appendix for Details

7.10 Peak Power spectrum density

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

Test Method: ANSI C63.10 (2020) Section 12.6

Limit:

Device Type	Frequency Range (MHz)	EIRP Limit (dBm)	EIRP PSD Limit(dBm/MHz)
LPI AP/ Subordinate	5925-7125	⩽30	⩽5
LPI Client Device And Dual Client controlled by LPI AP/ Subordinate	5925-7125	⩽24	⩽-1
Dual Client controlled by Standard Power AP	5925-6425; 6525-6875	30 max & 6dB below Std. AP	17 max & 6dB below Std. AP
Standard Power AP And Fixed Client Devices	5925-6425; 6525-6875	⩽36 (21dBm for elevation angle greater than 30 degrees above the horizon)	⩽23
Standard Client Devices	5925-6425; 6525-6875	30 max & 6dB below Std. AP	17 max & 6dB below Std. AP
Very Low-Power Devices	5925-6425; 6525-6875	⩽14	⩽-5 shall demonstrate the TPC capability to operate at least 6 dB below the maximum EIRP PSD value of -5 dBm/MHz.

7.10.1 E.U.T. Operation

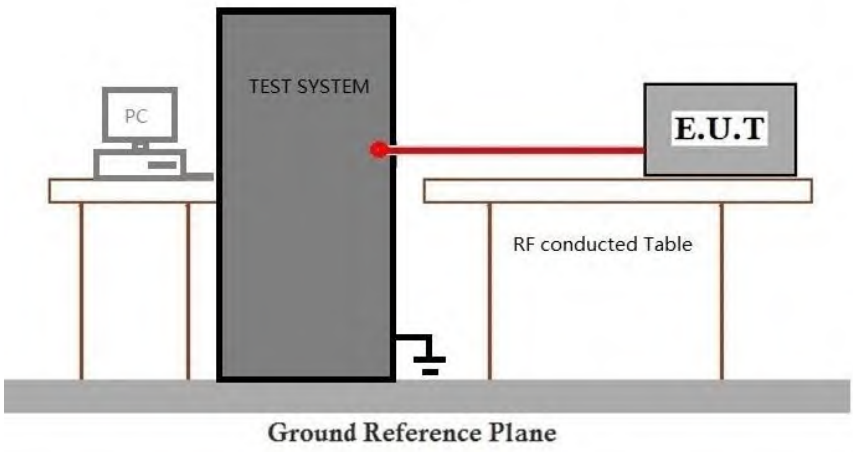
Operating Environment:

Temperature: 24 °C Humidity: 41 % RH Atmospheric Pressure: 1001 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode (U-NII-5) _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	14	TX mode (U-NII-6) _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	15	TX mode (U-NII-7) _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	16	TX mode (U-NII-8) _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.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2511001074MO

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SUCR2511001074MO

10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	5955	/	/	5.266	6.265	84.05	0.75	0.04
			6175	/	/	5.265	6.265	84.04	0.76	0.04
			6415	/	/	5.265	6.265	84.04	0.76	0.04
	802.11ax (HEW20)	SISO	5955	SU	/	3.720	4.720	78.81	1.03	0.04
			6175	SU	/	3.720	4.720	78.81	1.03	0.04
			6415	SU	/	3.720	4.720	78.81	1.03	0.04

1.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6435	/	/	5.265	6.265	84.04	0.76	0.04
			6475	/	/	5.265	6.265	84.04	0.76	0.04
			6515	/	/	5.266	6.265	84.05	0.75	0.04
	802.11ax (HEW20)	SISO	6435	SU	/	3.720	4.720	78.81	1.03	0.03
			6475	SU	/	3.720	4.720	78.81	1.03	0.04
			6515	SU	/	3.720	4.720	78.81	1.03	0.04

1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6535	/	/	5.265	6.265	84.04	0.76	0.04
			6695	/	/	5.266	6.265	84.05	0.75	0.04
			6855	/	/	5.265	6.265	84.04	0.76	0.04
	802.11ax (HEW20)	SISO	6535	SU	/	3.720	4.720	78.81	1.03	0.03
			6695	SU	/	3.720	4.720	78.81	1.03	0.04
			6855	SU	/	3.720	4.720	78.81	1.03	0.04

1.1.4 Ant1

Ant1

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6895	/	/	5.265	6.265	84.04	0.76	0.04
			6995	/	/	5.264	6.263	84.05	0.75	0.04
			7115	/	/	5.266	6.265	84.05	0.75	0.04
	802.11ax (HEW20)	SISO	6895	SU	/	3.720	4.720	78.81	1.03	0.04
			6995	SU	/	3.720	4.720	78.81	1.03	0.04
			7115	SU	/	3.720	4.720	78.81	1.03	0.03