

TEST REPORT

Application No.: SUCR2602000111MO

Applicant: Quectel Wireless Solutions Co., Ltd.

Address of Applicant: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China

Manufacturer: Quectel Wireless Solutions Co., Ltd.

Address of Manufacturer: No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China

Equipment Under Test (EUT):

EUT Name: Wi-Fi 6 & BLE 5.4 & IEEE 802.15.4 Module

Model No.: FCM365X

Trade Mark: QUECTEL

FCC ID: XMR2026FCM365X

Standard(s) : 47 CFR Part 15, Subpart E 15.407

Date of Receipt: 2026-02-03

Date of Test: 2026-03-13 to 2026-03-16

Date of Issue: 2026-03-25

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	2026-03-25	/

Authorized for issue by:			
Tested By		<i>Nature Shen</i>	
		Nature_Shen/Project Engineer	
Approved By		<i>Cedar cheng</i>	
		Cedar Cheng /Reviewer	

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) 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
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2020) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted Output Power		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

Remark: According to customer statement, FCM365X has two hardware versions, R1.0 and R1.1. The differences between the two versions have no impact on RF performance; therefore, only version R1.0 was selected for testing.

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4 General Information

4.1 Details of E.U.T.

Power supply:	3.3V
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	PCB Antenna
Antenna Gain:	U-NII-1: 2.3dBi; U-NII-2A: 2.6dBi; U-NII-2C: 3.0dBi; U-NII-3: 3.0dBi; (Provided by the manufacturer)
Antenna Number:	1
Hardware Version:	R1.0,R1.1
SN:	E1Y25D31Z000062

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
Mouse	Lenovo	3D optical Mouse	N/A
Router	Smavwave Technology Co.,Ltd	SRT 421	RT421X02211300001



4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	Conduction emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
5	RF conducted power	$\pm 0.75\text{dB}$
6	RF power density	$\pm 2.84\text{dB}$
7	Conducted Spurious emissions	$\pm 0.75\text{dB}$
8	RF Radiated power	$\pm 1.56\text{dB}$ (9KHz-30MHz)
		$\pm 4.80\text{dB}$ (30MHz-1GHz)
		$\pm 4.80\text{dB}$ (1GHz-18GHz)
		$\pm 4.80\text{dB}$ (18GHz-40GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Supply voltages	$\pm 1\%$
12	Time	$\pm 3\%$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

4.5 Test Location

All tests were performed at:

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

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

No tests were sub-contracted.

Note:

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

4.6 Test Facility

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

- **A2LA (Certificate No. 6336.01)**

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

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

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

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

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

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
2	LISN	R&S	ENV216	SUWI-01-19-03	5/8/2025	5/7/2026
3	LISN	Schwarzbeck	ENV216	SUWI-01-19-04	5/8/2025	5/7/2026
4	Test Software	Tonscend	JS32-CE_4.0.0.2	SUWI-02-09-05	N.C.R	N.C.R
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	11/21/2025	11/20/2026
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	1/14/2026	1/13/2027
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	1/14/2026	1/13/2027
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	11/21/2025	11/20/2026
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	5/8/2025	5/7/2026
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	11/21/2025	11/20/2026
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/21/2025	11/20/2026
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	11/21/2025	11/20/2026
11	Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	11/21/2025	11/20/2026
12	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/11/2026	2/10/2027
14	Temperature Chamber	GIANT FORCE	ICT-017-40-SP-SD	SUWI-01-13-02	5/7/2025	5/6/2026
15	Measurement Software	TST	TST 272 V2.02	SUWI-03-55-03	NCR	NCR
16	RF Control unit	TST	TSCB3023R2	SUWI-02-20-01	NCR	NCR
17	RFCables	Tonscend	NA	SUWI-01-03-01	1/15/2026	1/14/2027
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/2/2026
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-09	11/21/2025	11/20/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	9/10/2025	9/9/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027
13	Wideband Radio	Anritsu	MT8820C	SUWI-01-26-01	11/21/2025	11/20/2026



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	Communication Tester					
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/21/2025	11/20/2026
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/14/2026	1/13/2027
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/11/2026	2/10/2027
20	Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
21	RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR
22	RFCables	Tonscend	NA	SUWI-01-03-02	NCR	NCR

Remark: NCR=No Calibration Requirement.



6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

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

EUT Antenna:

The antenna is PCB Antenna and no consideration of replacement. The best case gain of the U-NII-1: 2.3dBi; U-NII-2A: 2.6dBi; U-NII-2C: 3.0dBi; U-NII-3: 3.0dBi

Antenna location: Refer to internal photo.



6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Conclusion Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

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



7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

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

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

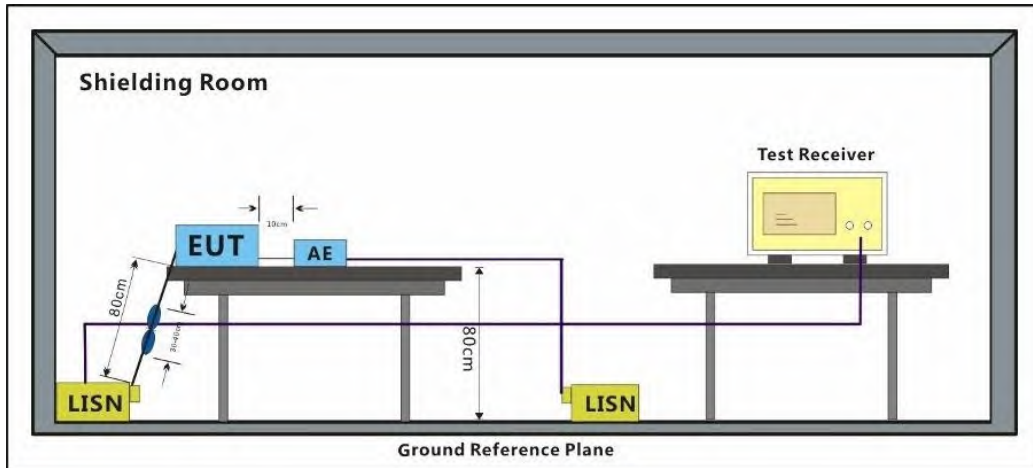
Humidity: 42 % RH

Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



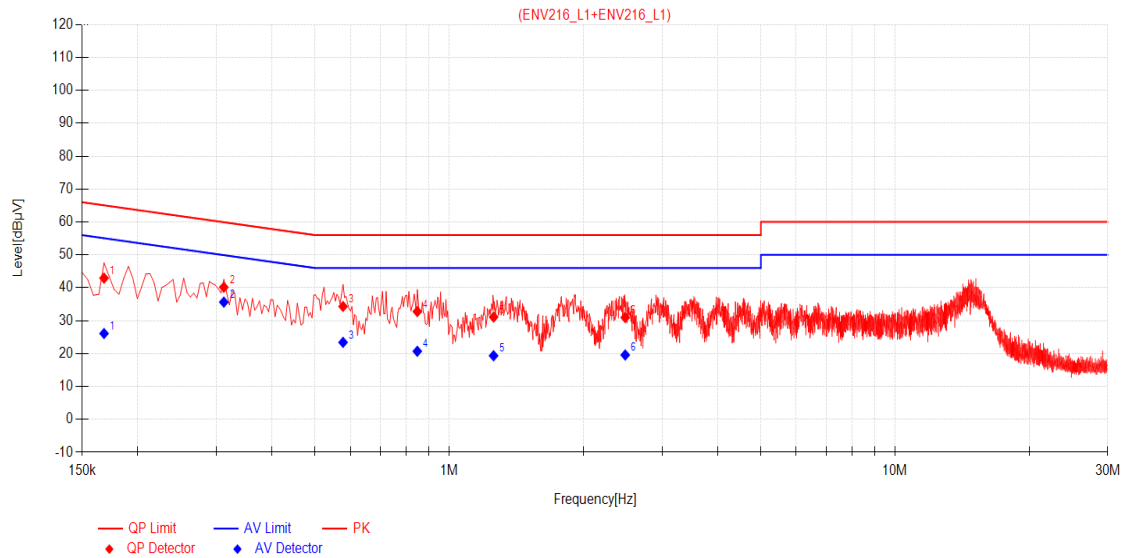
7.1.4 Measurement Procedure and Data

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

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

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

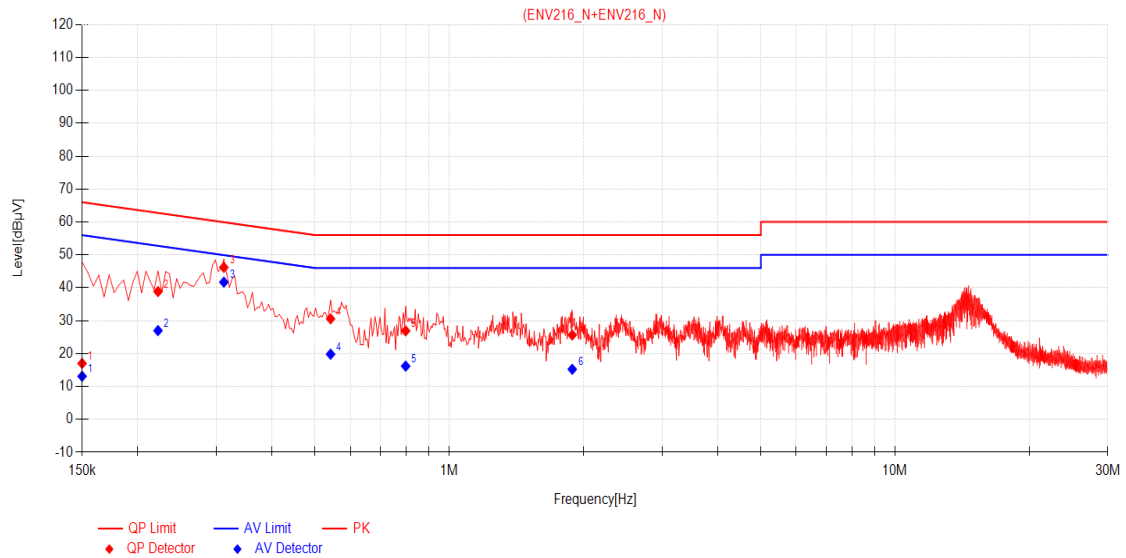
Test Mode: 06; Line: Live line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1680	9.95	32.97	42.92	65.06	22.14	16.14	26.09	55.06	28.97	PASS
2	0.3120	9.97	30.19	40.16	59.92	19.76	25.67	35.64	49.92	14.28	PASS
3	0.5775	9.94	24.38	34.32	56.00	21.68	13.47	23.41	46.00	22.59	PASS
4	0.8475	9.95	22.82	32.77	56.00	23.23	10.76	20.71	46.00	25.29	PASS
5	1.2570	9.93	21.17	31.10	56.00	24.90	9.42	19.35	46.00	26.65	PASS
6	2.4810	10.16	20.79	30.95	56.00	25.05	9.42	19.58	46.00	26.42	PASS

Test Mode: 06; Line: Neutral Line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1500	9.96	7.06	17.02	66.00	48.98	3.14	13.10	56.00	42.90	PASS
2	0.2220	9.98	28.87	38.85	62.74	23.89	17.01	26.99	52.74	25.75	PASS
3	0.3120	9.97	36.23	46.20	59.92	13.72	31.73	41.70	49.92	8.22	PASS
4	0.5415	9.91	20.66	30.57	56.00	25.43	9.90	19.81	46.00	26.19	PASS
5	0.7980	9.92	16.99	26.91	56.00	29.09	6.27	16.19	46.00	29.81	PASS
6	1.8870	9.91	15.73	25.64	56.00	30.36	5.32	15.23	46.00	30.77	PASS



7.2 Radiated Emissions (Below 1GHz)

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

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Limit:

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

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

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

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

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

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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 21 °C

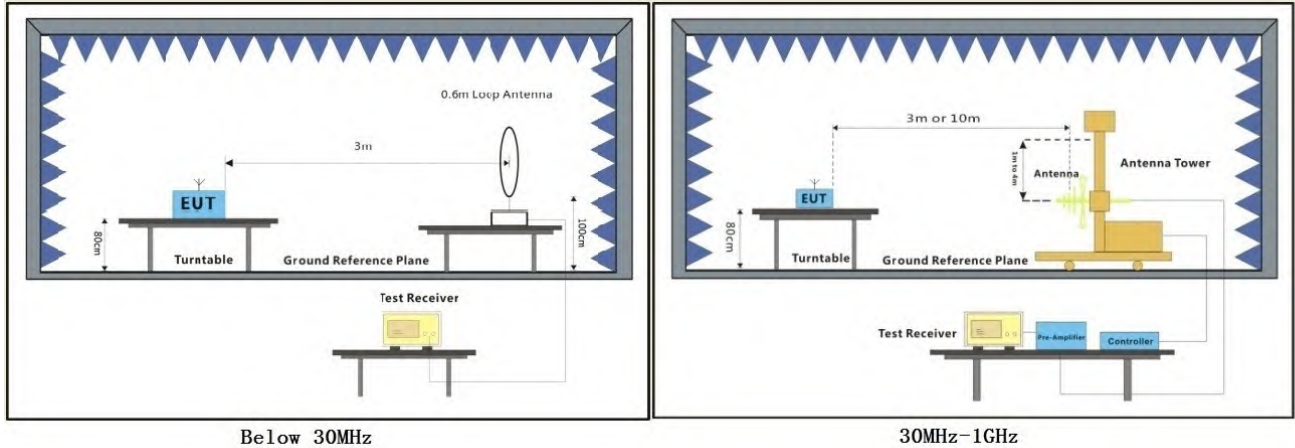
Humidity: 42 % RH

Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



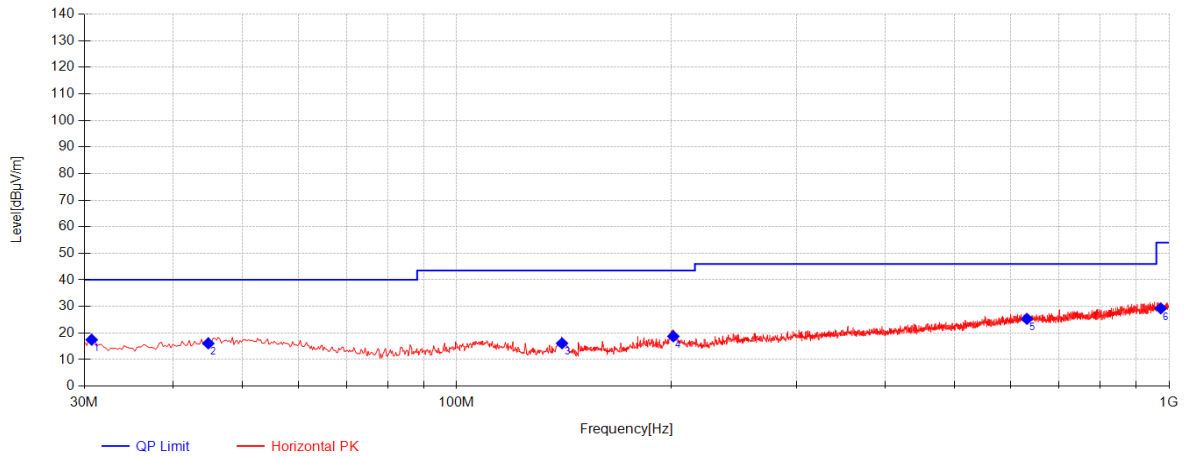
7.2.4 Measurement Procedure and Data

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

Remark:

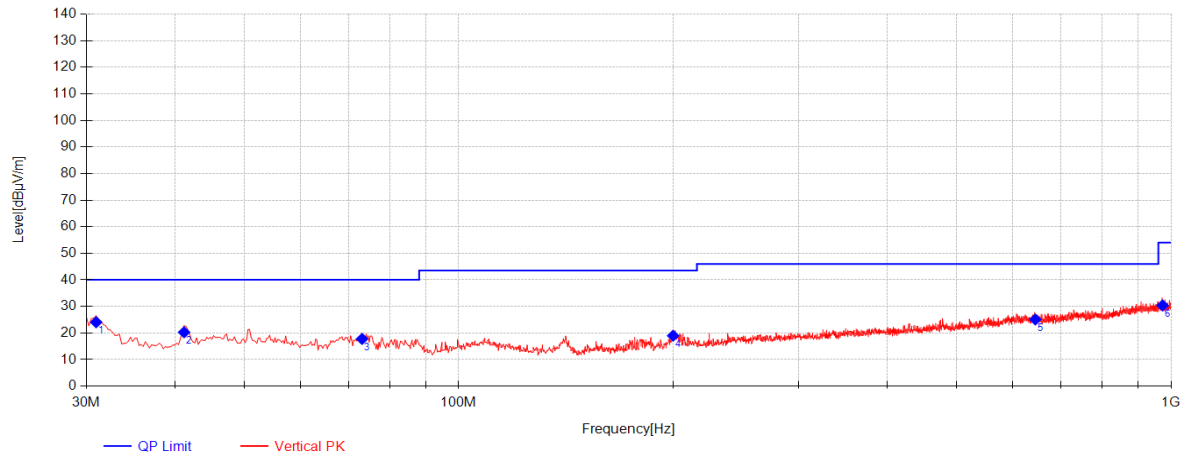
- Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only below points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Test Mode: 06; 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	30.7275	41.88	16.94	-41.38	17.44	40.00	22.56	135	129	Horizontal
2	44.7925	37.13	20.05	-41.09	16.09	40.00	23.91	146	17	Horizontal
3	140.58	36.69	19.28	-39.86	16.11	43.50	27.39	127	228	Horizontal
4	201.4475	37.17	20.79	-39.23	18.73	43.50	24.77	157	85	Horizontal
5	631.885	36.55	24.69	-35.93	25.31	46.00	20.69	162	85	Horizontal
6	974.0525	35.25	27.78	-33.77	29.26	54.00	24.74	172	305	Horizontal

Test Mode: 06; 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	30.97	48.34	17.08	-41.37	24.05	40.00	15.95	106	123	Vertical
2	41.155	42.59	18.85	-41.17	20.27	40.00	19.73	133	155	Vertical
3	73.165	42.7	15.80	-40.73	17.77	40.00	22.23	128	298	Vertical
4	199.9925	36.66	21.58	-39.27	18.97	43.50	24.53	119	268	Vertical
5	644.98	35.83	25.20	-35.94	25.09	46.00	20.91	189	360	Vertical
6	973.325	36.37	27.77	-33.77	30.37	54.00	23.63	101	186	Vertical

7.3 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10 (2020) Section 6.6 & 12.7

Limit:

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

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

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

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

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

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

Remark:

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

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

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

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

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

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

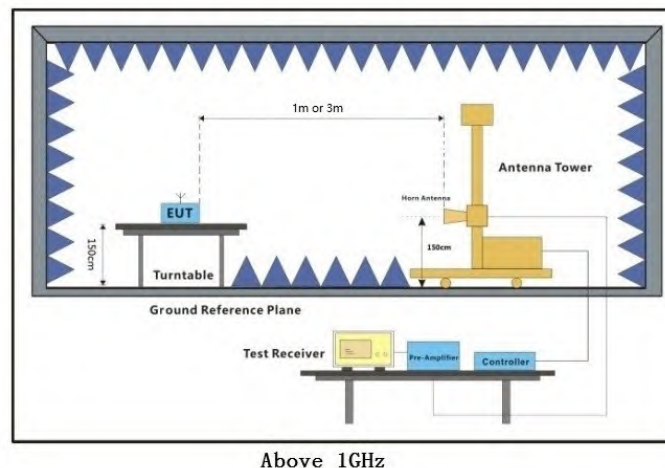
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



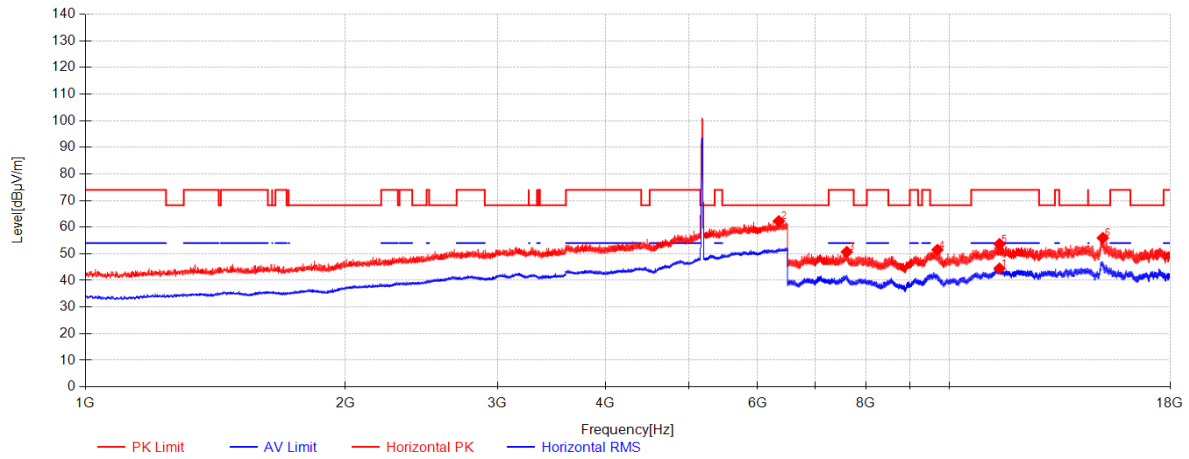
7.3.4 Measurement Procedure and Data

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

Remark:

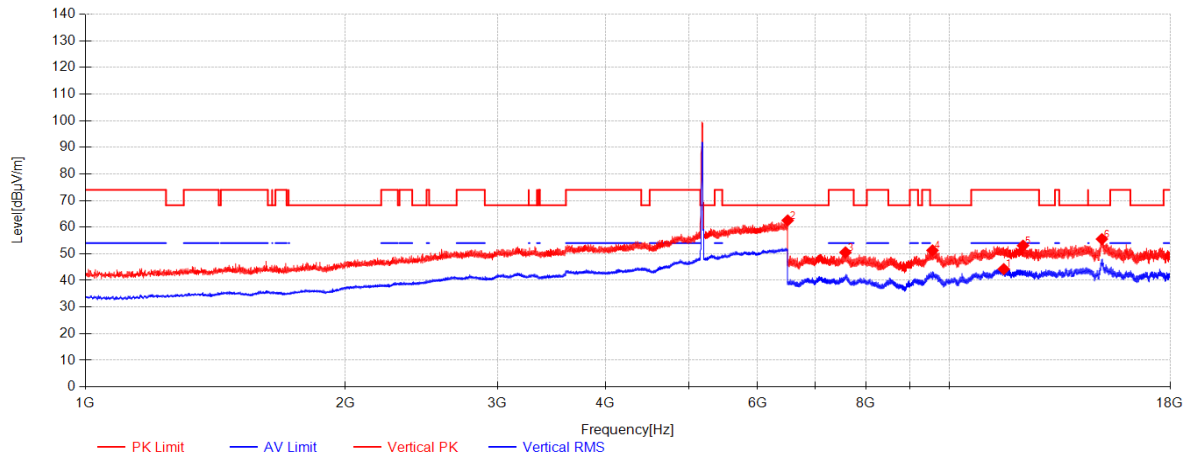
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle<98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal



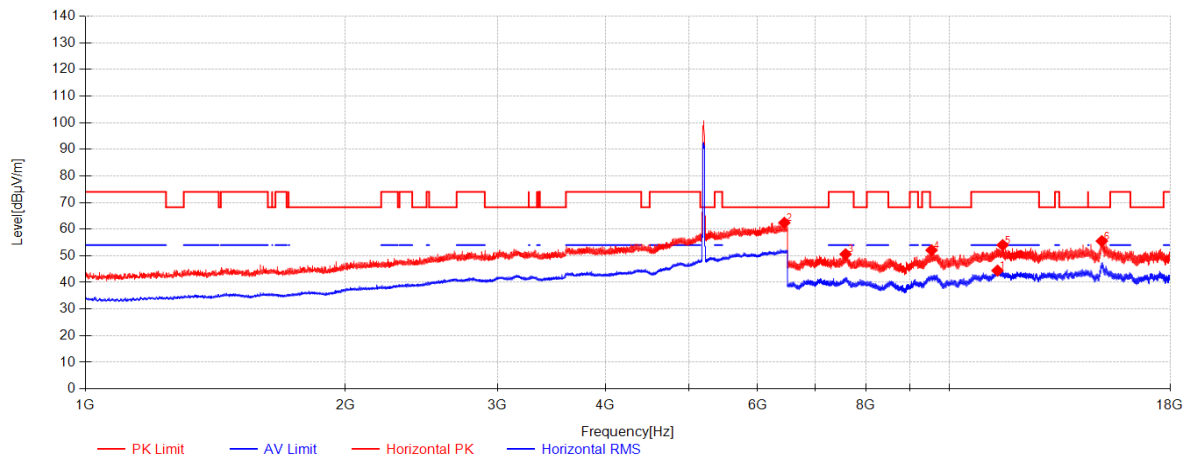
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11430.05	44.43	40.57	-40.50	44.50	54.00	9.50	Horizontal
2	6347.8333	40.30	33.59	-11.62	62.27	68.20	5.93	Horizontal
3	7608.9833	53.91	36.88	-40.07	50.72	74.00	23.28	Horizontal
4	9686.65	53.05	38.47	-40.02	51.50	68.20	16.70	Horizontal
5	11429.6667	53.60	40.57	-40.50	53.67	74.00	20.33	Horizontal
6	15051.0167	51.69	40.80	-36.53	55.96	68.20	12.24	Horizontal

11a_TX_CH_36_Vertical



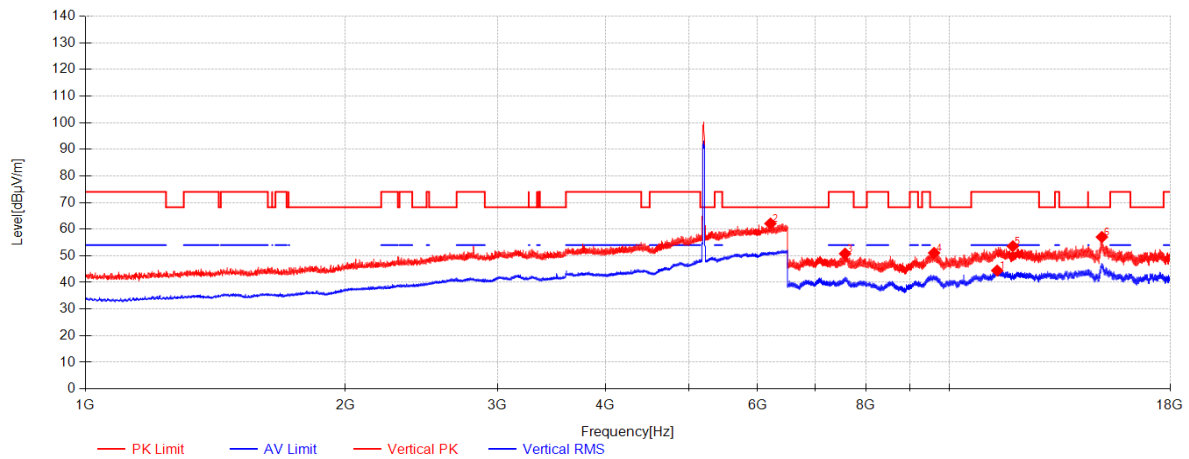
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11560.7667	44.40	40.56	-40.70	44.26	54.00	9.74	Vertical
2	6499.0833	39.62	34.59	-11.67	62.54	68.20	5.66	Vertical
3	7581.3833	53.85	36.83	-40.14	50.54	74.00	23.46	Vertical
4	9559.7667	53.60	37.86	-40.17	51.29	68.20	16.91	Vertical
5	12168.35	53.59	39.87	-40.39	53.07	74.00	20.93	Vertical
6	15013.8333	51.03	40.94	-36.44	55.53	68.20	12.67	Vertical

11a_TX_CH_40_Horizontal



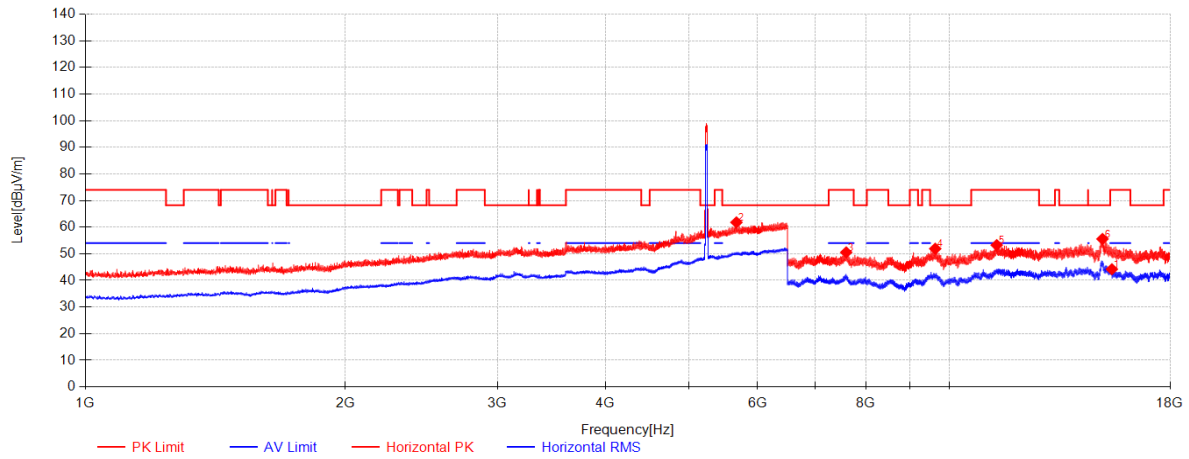
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11369.4833	44.59	40.54	-40.68	44.45	54.00	9.55	Horizontal
2	6441.3333	39.92	34.08	-11.59	62.41	68.20	5.79	Horizontal
3	7583.3	53.89	36.83	-40.13	50.59	74.00	23.41	Horizontal
4	9536.7667	54.61	37.72	-40.23	52.10	68.20	16.10	Horizontal
5	11525.8833	54.04	40.53	-40.55	54.02	74.00	19.98	Horizontal
6	15011.9167	51.02	40.95	-36.44	55.53	68.20	12.67	Horizontal

11a_TX_CH_40_Vertical



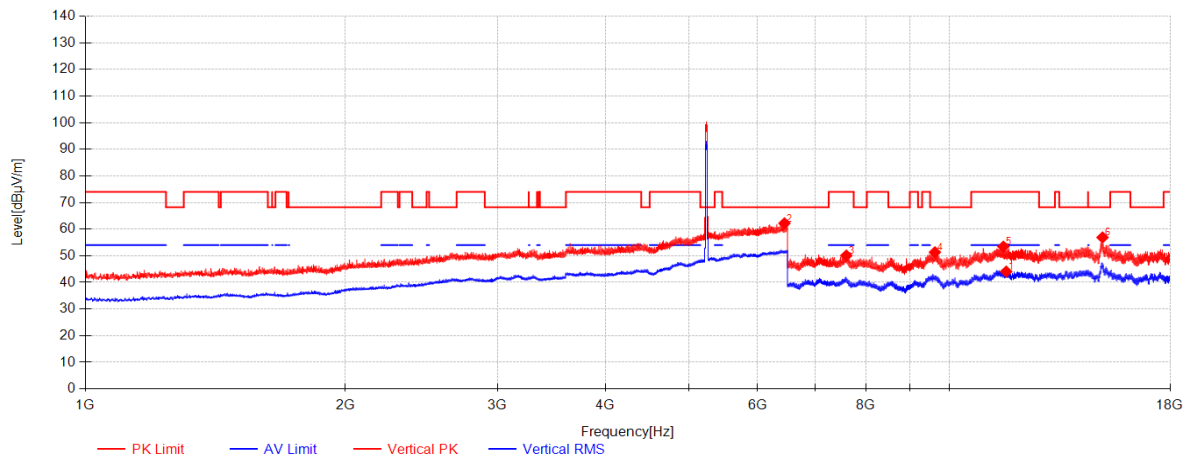
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11359.1333	44.68	40.52	-40.74	44.46	54.00	9.54	Vertical
2	6207.5833	40.09	33.75	-11.73	62.11	68.20	6.09	Vertical
3	7573.7167	54.20	36.79	-40.20	50.79	74.00	23.21	Vertical
4	9600.7833	53.04	38.10	-40.05	51.09	68.20	17.11	Vertical
5	11842.1333	54.32	39.77	-40.51	53.58	74.00	20.42	Vertical
6	15013.8333	52.56	40.94	-36.44	57.06	68.20	11.14	Vertical

11a_TX_CH_48_Horizontal



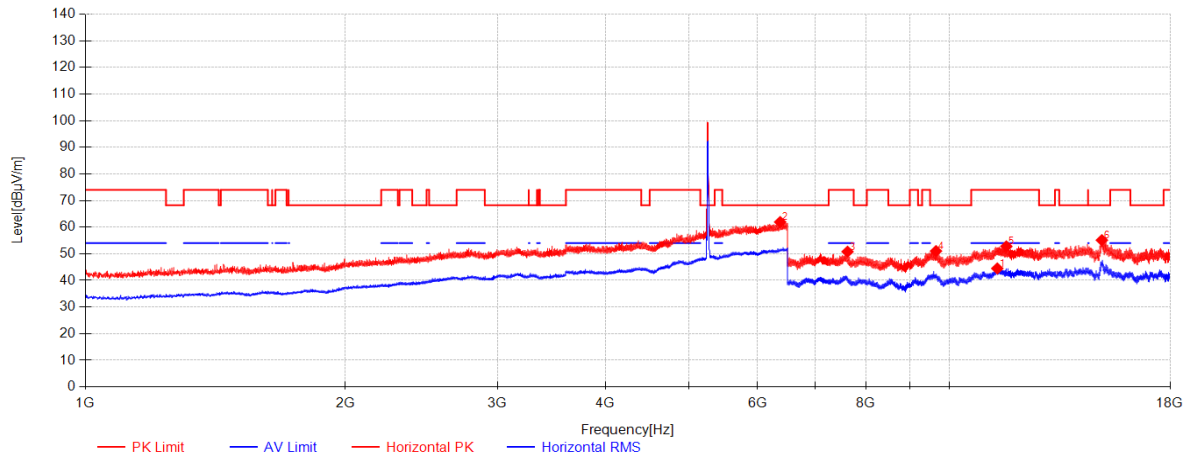
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15419.0167	41.59	39.44	-36.82	44.21	54.00	9.79	Horizontal
2	5669.5	41.34	32.80	-12.33	61.81	68.20	6.39	Horizontal
3	7595.95	53.70	36.88	-40.03	50.55	74.00	23.45	Horizontal
4	9629.9167	53.68	38.28	-40.04	51.92	68.20	16.28	Horizontal
5	11344.1833	53.60	40.49	-40.82	53.27	74.00	20.73	Horizontal
6	15037.9833	51.21	40.85	-36.50	55.56	68.20	12.64	Horizontal

11a_TX_CH_48_Vertical



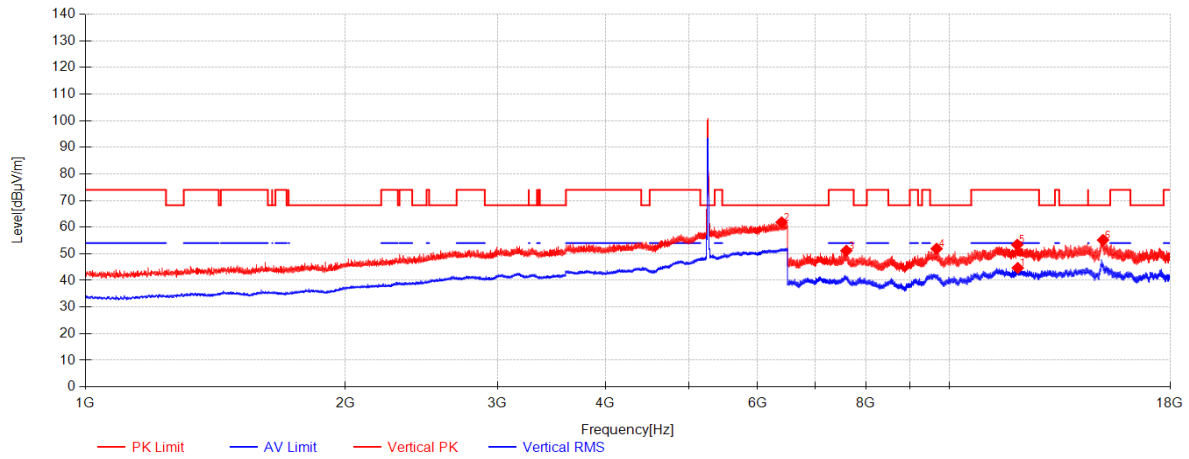
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11635.9	44.25	40.46	-40.64	44.07	54.00	9.93	Vertical
2	6443.625	39.73	34.09	-11.60	62.22	68.20	5.98	Vertical
3	7599.4	53.20	36.90	-40.00	50.10	74.00	23.90	Vertical
4	9622.25	53.16	38.23	-40.04	51.35	68.20	16.85	Vertical
5	11547.7333	53.55	40.55	-40.65	53.45	74.00	20.55	Vertical
6	15039.5167	52.55	40.84	-36.50	56.89	68.20	11.31	Vertical

11a_TX_CH_52_Horizontal



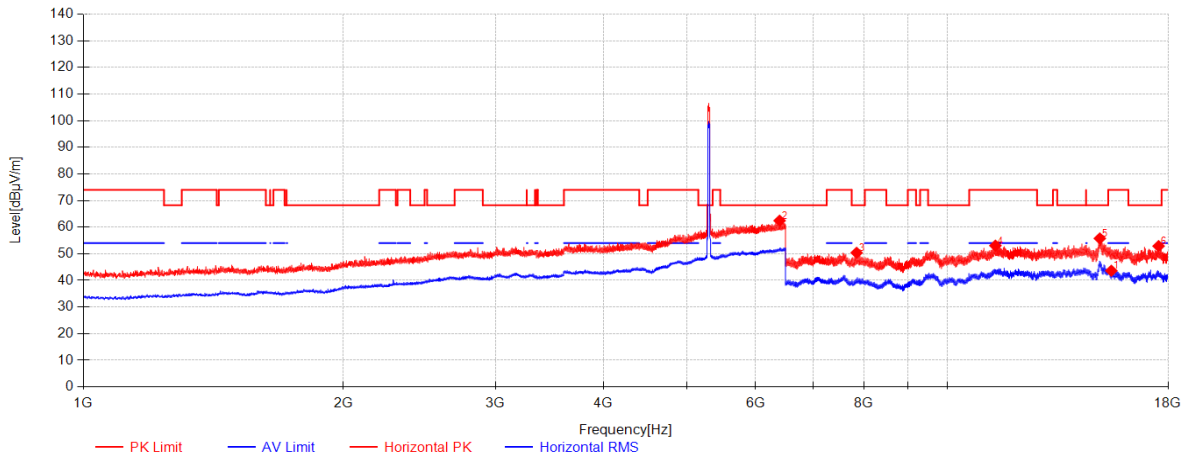
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11361.8167	44.69	40.52	-40.72	44.49	54.00	9.51	Horizontal
2	6370.2917	39.76	33.76	-11.58	61.94	68.20	6.26	Horizontal
3	7623.55	54.12	36.85	-40.18	50.79	74.00	23.21	Horizontal
4	9650.2333	52.66	38.40	-40.03	51.03	68.20	17.17	Horizontal
5	11639.7333	52.96	40.44	-40.62	52.78	74.00	21.22	Horizontal
6	15012.6833	50.60	40.95	-36.44	55.11	68.20	13.09	Horizontal

11a_TX_CH_52_Vertical



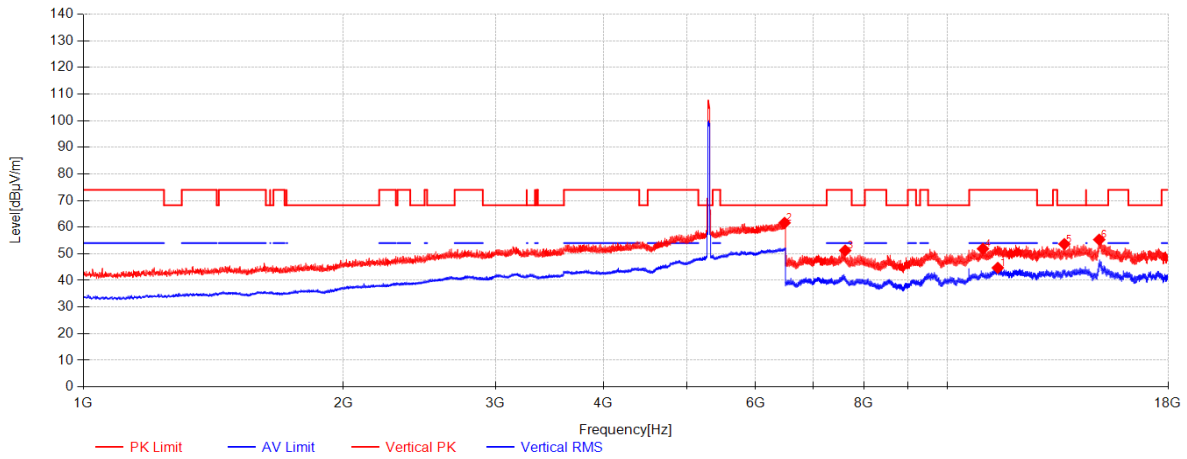
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11998.5333	45.13	39.90	-40.35	44.68	54.00	9.32	Vertical
2	6395.0417	39.42	33.96	-11.55	61.83	68.20	6.37	Vertical
3	7599.4	54.25	36.90	-40.00	51.15	74.00	22.85	Vertical
4	9666.3333	53.49	38.43	-40.02	51.90	68.20	16.30	Vertical
5	11982.8167	53.91	39.85	-40.35	53.41	74.00	20.59	Vertical
6	15059.45	50.97	40.76	-36.55	55.18	68.20	13.02	Vertical

11a_TX_CH_60_Horizontal



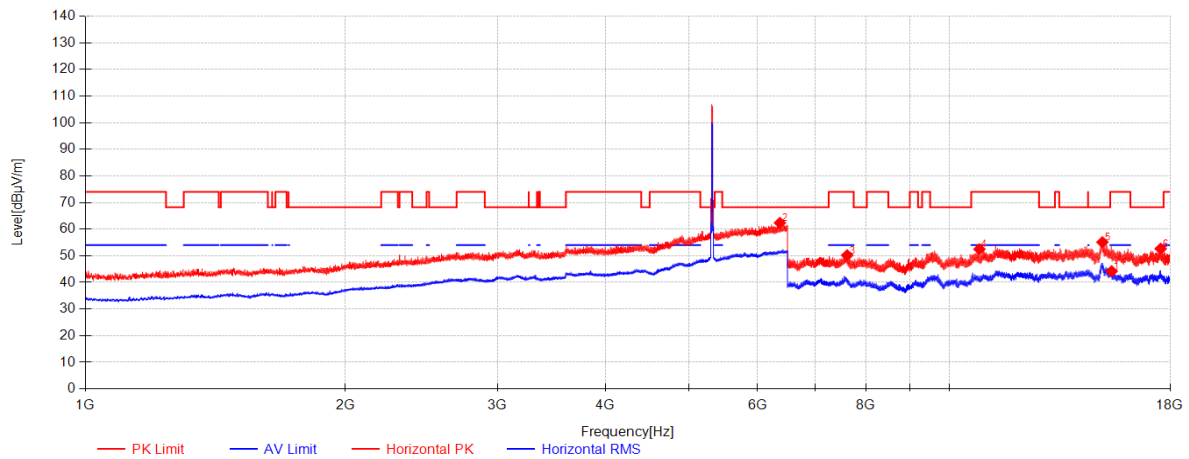
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15480.35	40.93	39.26	-36.55	43.64	54.00	10.36	Horizontal
2	6395.0417	40.04	33.96	-11.55	62.45	68.20	5.75	Horizontal
3	7852.4	54.02	36.61	-40.25	50.38	68.20	17.82	Horizontal
4	11364.1167	53.24	40.53	-40.71	53.06	74.00	20.94	Horizontal
5	15010.7667	51.25	40.96	-36.44	55.77	68.20	12.43	Horizontal
6	17556.1	50.34	44.72	-42.17	52.89	68.20	15.31	Horizontal

11a_TX_CH_60_Vertical



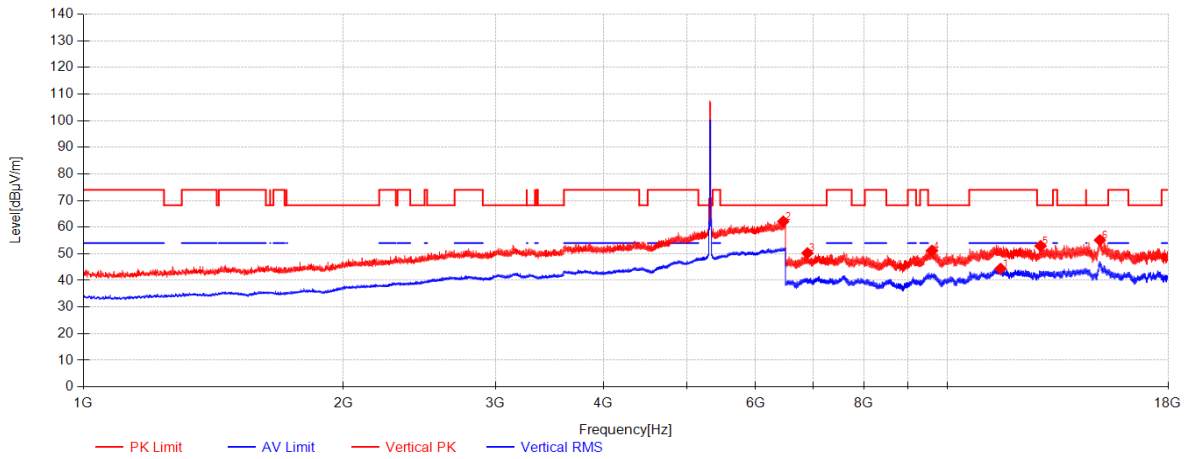
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11438.1	44.66	40.56	-40.49	44.73	54.00	9.27	Vertical
2	6480.2917	38.88	34.40	-11.64	61.64	68.20	6.56	Vertical
3	7616.2667	54.49	36.87	-40.12	51.24	74.00	22.76	Vertical
4	10994.5833	52.44	40.37	-40.91	51.90	74.00	22.10	Vertical
5	13656.0667	53.77	40.46	-40.56	53.67	68.20	14.53	Vertical
6	14987	51.22	41.04	-36.95	55.31	68.20	12.89	Vertical

11a_TX_CH_64_Horizontal



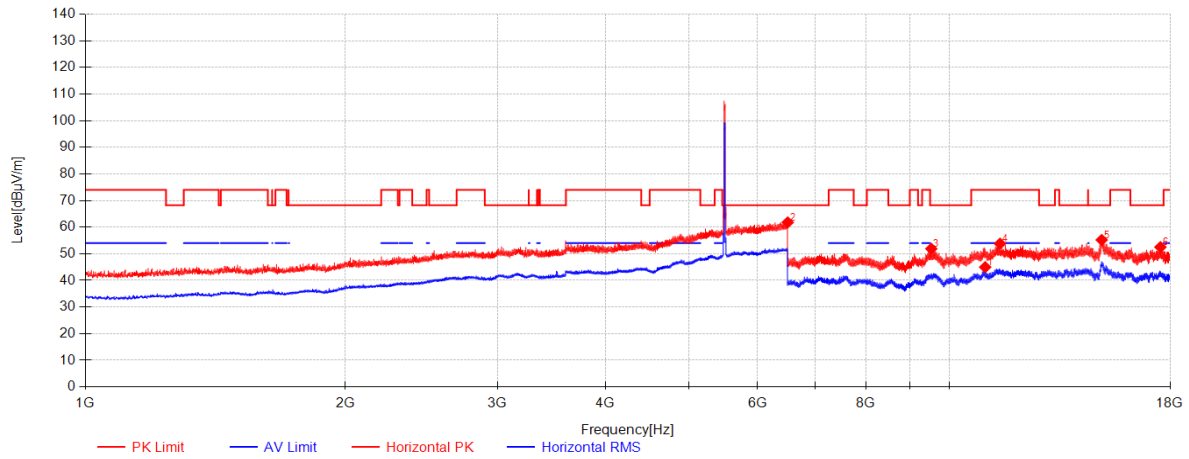
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15410.2	41.58	39.47	-36.86	44.19	54.00	9.81	Horizontal
2	6366.1667	40.23	33.73	-11.59	62.37	68.20	5.83	Horizontal
3	7616.2667	53.45	36.87	-40.12	50.20	74.00	23.80	Horizontal
4	10832.4333	53.60	39.49	-40.62	52.47	74.00	21.53	Horizontal
5	15034.5333	50.73	40.86	-36.49	55.10	68.20	13.10	Horizontal
6	17560.7	50.07	44.74	-42.17	52.64	68.20	15.56	Horizontal

11a_TX_CH_64_Vertical



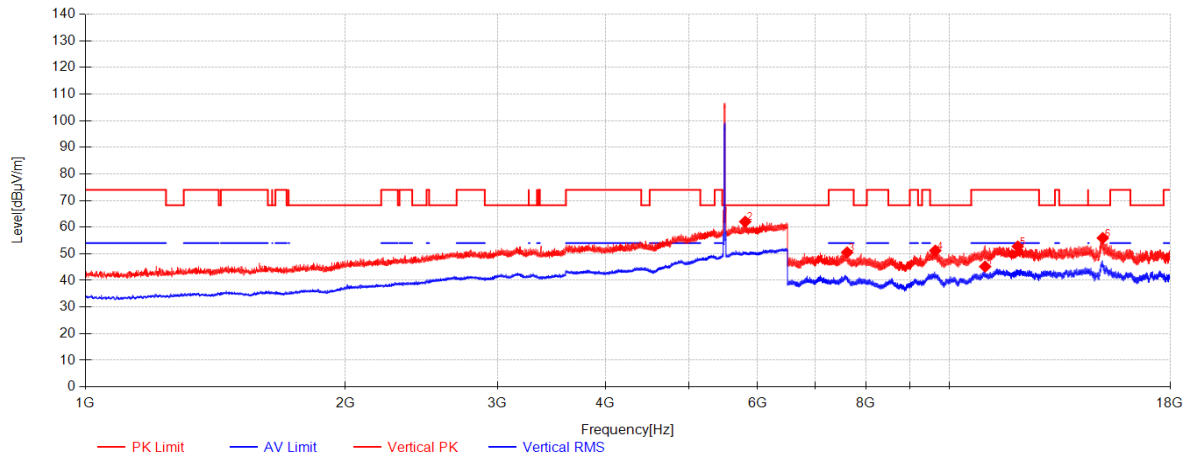
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11522.8167	44.42	40.52	-40.54	44.40	54.00	9.60	Vertical
2	6456.9167	39.59	34.17	-11.61	62.15	68.20	6.05	Vertical
3	6887.55	54.72	35.75	-40.22	50.25	68.20	17.95	Vertical
4	9598.1	53.15	38.09	-40.06	51.18	68.20	17.02	Vertical
5	12819.6333	54.00	39.26	-40.32	52.94	68.20	15.26	Vertical
6	15013.45	50.62	40.95	-36.44	55.13	68.20	13.07	Vertical

11a_TX_CH_100_Horizontal



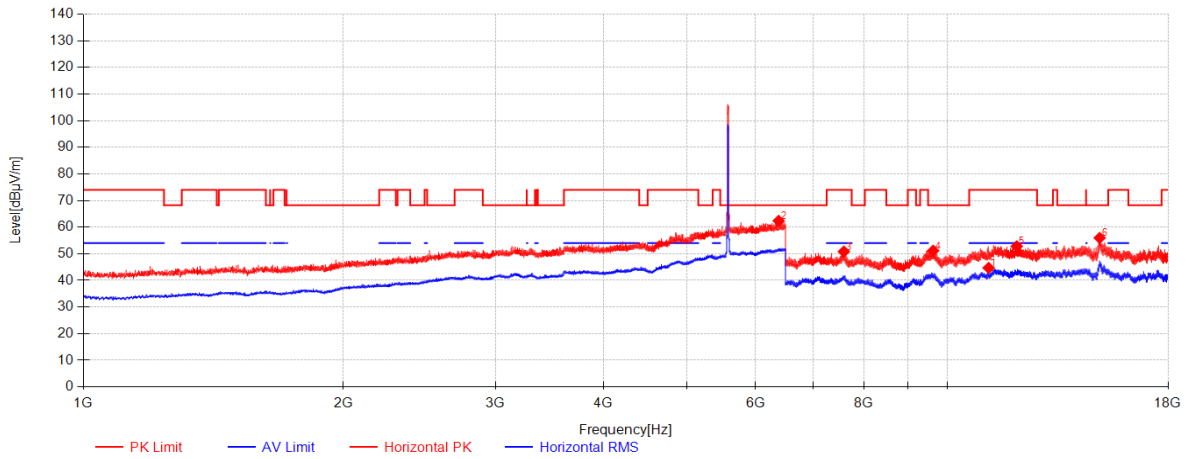
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11001.1	45.51	40.40	-40.93	44.98	54.00	9.02	Horizontal
2	6500	38.87	34.60	-11.67	61.80	68.20	6.40	Horizontal
3	9529.4833	54.46	37.68	-40.25	51.89	68.20	16.31	Horizontal
4	11446.5333	53.74	40.55	-40.48	53.81	74.00	20.19	Horizontal
5	15006.1667	50.64	40.98	-36.42	55.20	68.20	13.00	Horizontal
6	17548.8167	49.99	44.70	-42.18	52.51	68.20	15.69	Horizontal

11a_TX_CH_100_Vertical



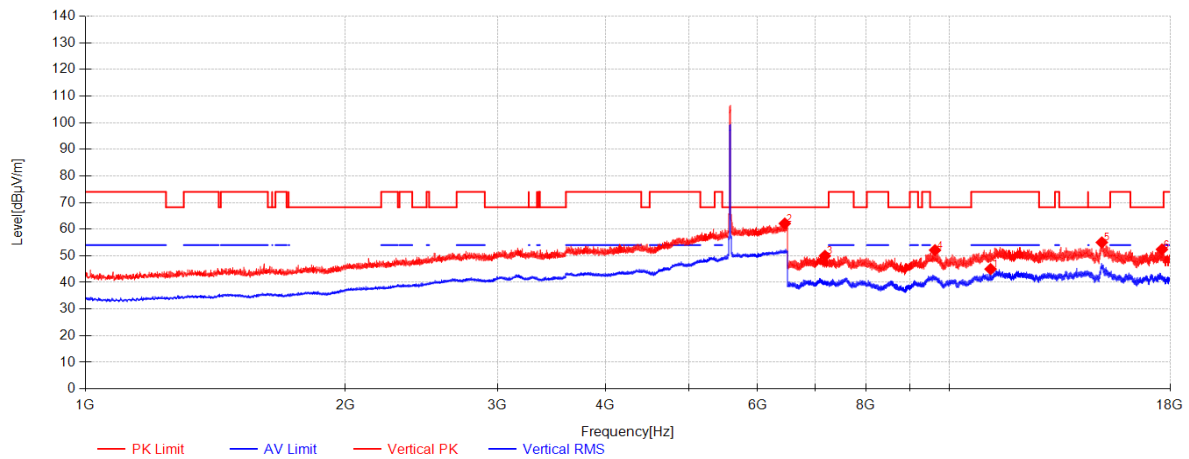
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	10999.5667	45.73	40.40	-40.92	45.21	54.00	8.79	Vertical
2	5803.7917	41.36	32.68	-12.00	62.04	68.20	6.16	Vertical
3	7615.5	53.77	36.87	-40.12	50.52	74.00	23.48	Vertical
4	9632.6	52.91	38.30	-40.04	51.17	68.20	17.03	Vertical
5	11998.5333	53.20	39.90	-40.35	52.75	74.00	21.25	Vertical
6	15049.1	51.64	40.80	-36.53	55.91	68.20	12.29	Vertical

11a_TX_CH_116_Horizontal



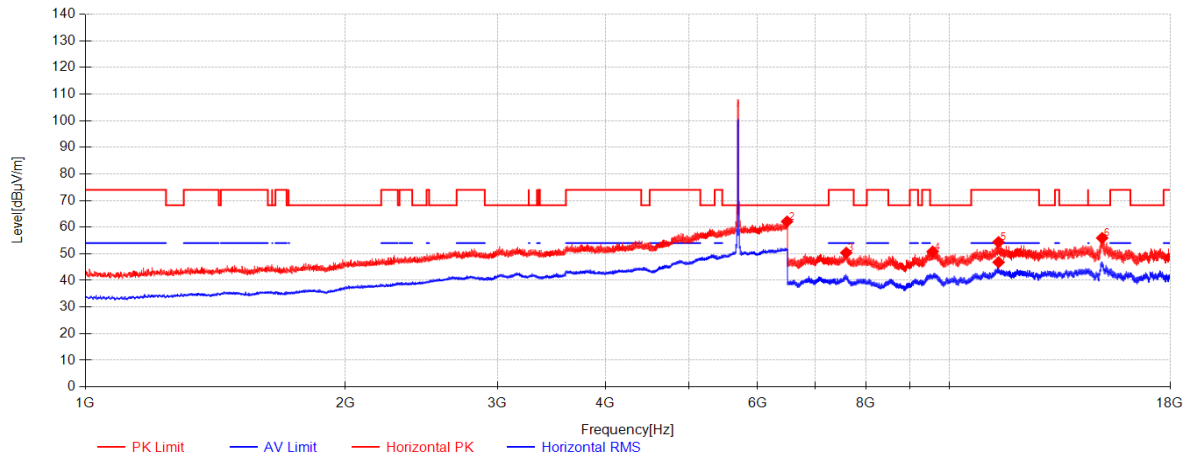
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11162.4833	46.29	40.50	-42.08	44.71	54.00	9.29	Horizontal
2	6379.9167	40.12	33.84	-11.57	62.39	68.20	5.81	Horizontal
3	7588.6667	54.06	36.85	-40.09	50.82	74.00	23.18	Horizontal
4	9627.2333	52.94	38.26	-40.04	51.16	68.20	17.04	Horizontal
5	12029.9667	53.34	39.87	-40.40	52.81	74.00	21.19	Horizontal
6	15005.7833	51.42	40.98	-36.42	55.98	68.20	12.22	Horizontal

11a_TX_CH_116_Vertical



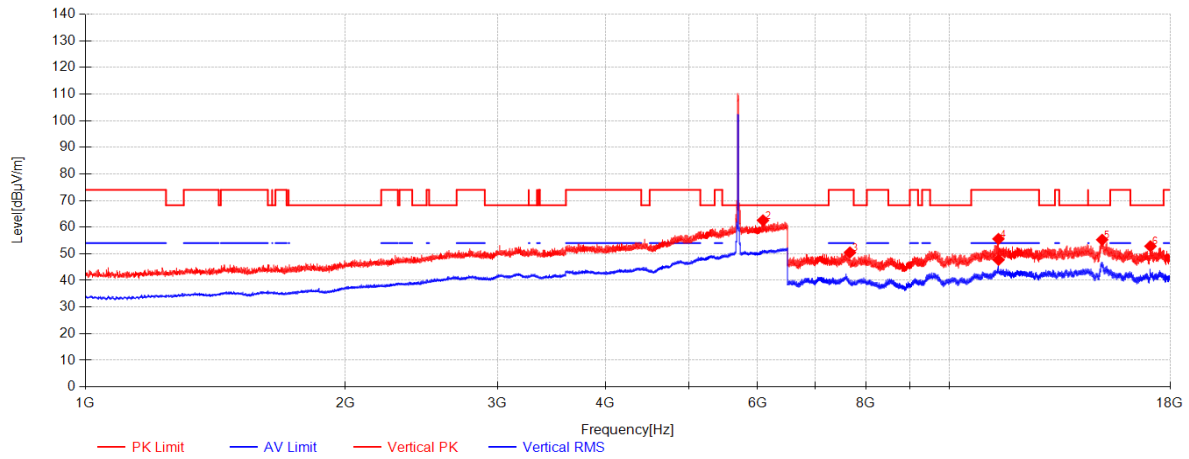
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11160.5667	46.59	40.50	-42.08	45.01	54.00	8.99	Vertical
2	6449.125	39.64	34.10	-11.60	62.14	68.20	6.06	Vertical
3	7178.5	54.24	36.21	-40.47	49.98	68.20	18.22	Vertical
4	9625.3167	53.92	38.25	-40.04	52.13	68.20	16.07	Vertical
5	15010.3833	50.49	40.96	-36.43	55.02	68.20	13.18	Vertical
6	17618.9667	49.97	44.90	-42.48	52.39	68.20	15.81	Vertical

11a_TX_CH_140_Horizontal



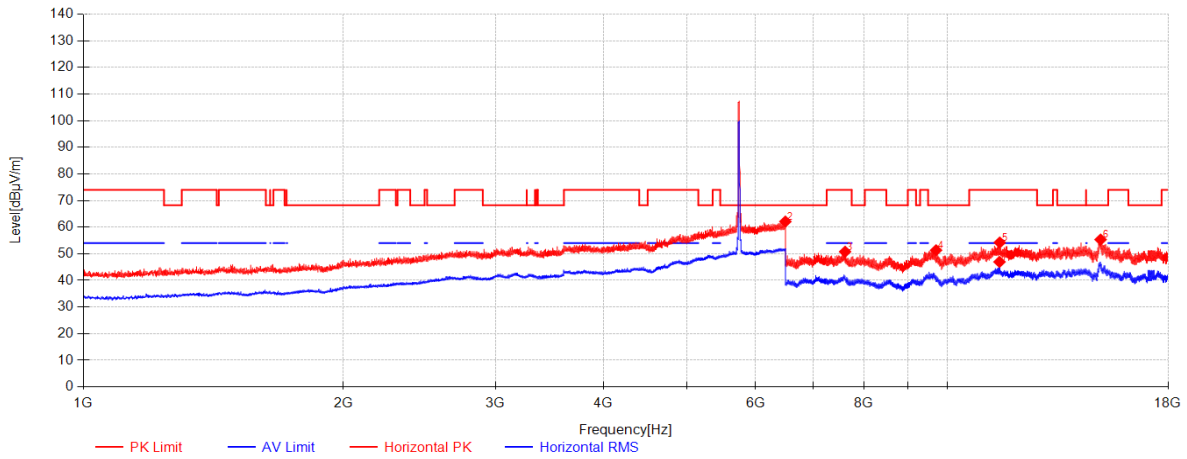
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11400.5333	46.74	40.60	-40.52	46.82	54.00	7.18	Horizontal
2	6488.5417	39.31	34.49	-11.66	62.14	68.20	6.06	Horizontal
3	7597.8667	53.52	36.89	-40.02	50.39	74.00	23.61	Horizontal
4	9565.1333	53.09	37.89	-40.15	50.83	68.20	17.37	Horizontal
5	11399.3833	54.34	40.60	-40.52	54.42	74.00	19.58	Horizontal
6	15024.1833	51.50	40.90	-36.47	55.93	68.20	12.27	Horizontal

11a_TX_CH_140_Vertical



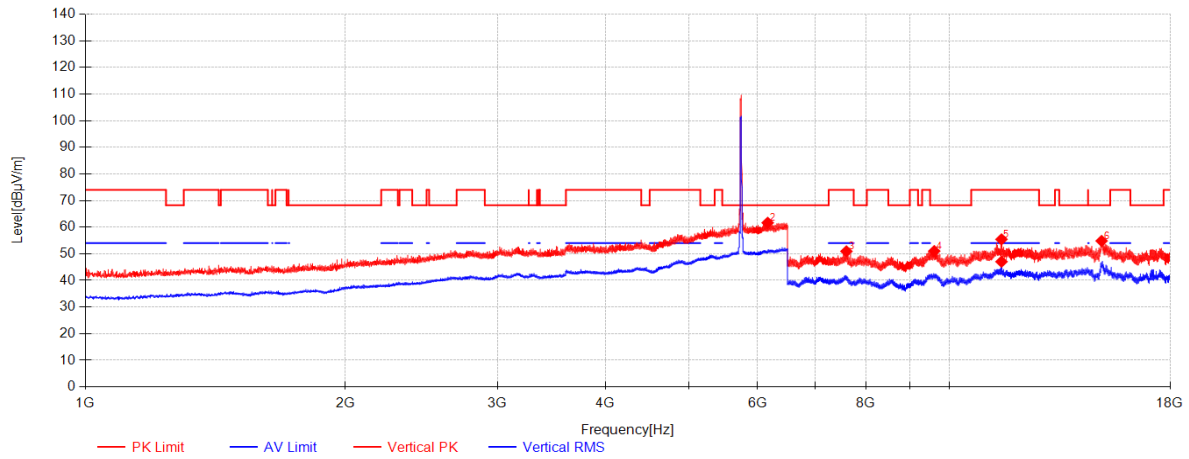
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11399.7667	47.67	40.60	-40.52	47.75	54.00	6.25	Vertical
2	6085.6667	40.67	33.56	-11.67	62.56	68.20	5.64	Vertical
3	7672.6167	54.38	36.66	-40.54	50.50	74.00	23.50	Vertical
4	11396.7	55.53	40.59	-40.54	55.58	74.00	18.42	Vertical
5	15024.1833	50.85	40.90	-36.47	55.28	68.20	12.92	Vertical
6	17088.4333	51.58	41.71	-40.46	52.83	68.20	15.37	Vertical

11a_TX_CH_149_Horizontal



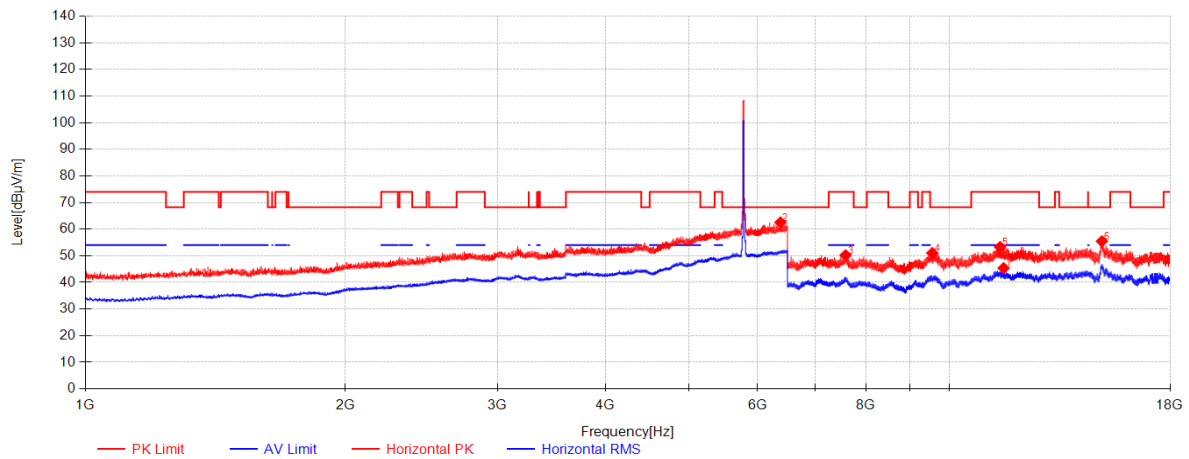
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11489.0833	46.90	40.51	-40.45	46.96	54.00	7.04	Horizontal
2	6494.0417	39.23	34.54	-11.66	62.11	68.20	6.09	Horizontal
3	7613.9667	54.01	36.87	-40.10	50.78	74.00	23.22	Horizontal
4	9702.75	52.87	38.51	-40.04	51.34	68.20	16.86	Horizontal
5	11498.2833	54.17	40.50	-40.44	54.23	74.00	19.77	Horizontal
6	15042.2	51.01	40.83	-36.51	55.33	68.20	12.87	Horizontal

11a_TX_CH_149_Vertical



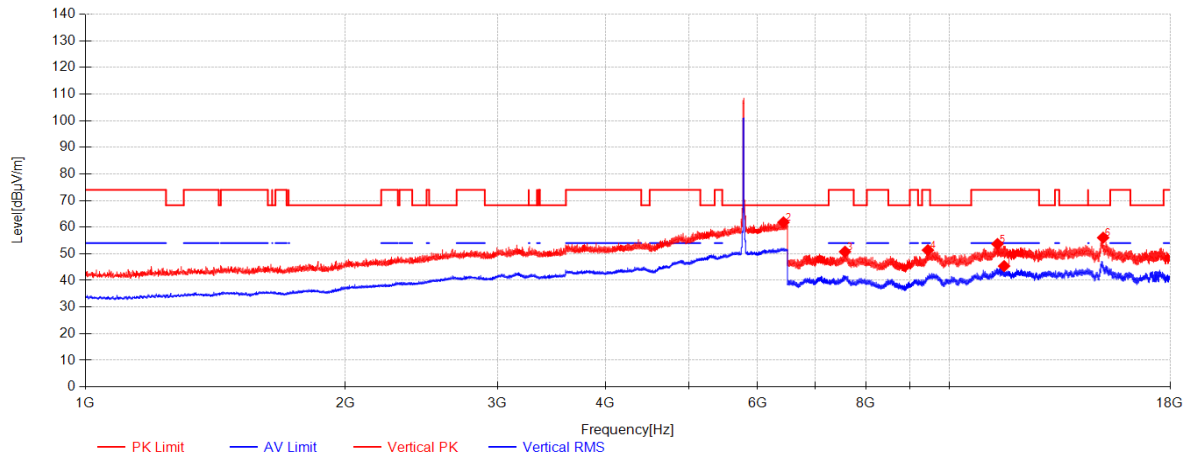
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11490.2333	46.98	40.51	-40.45	47.04	54.00	6.96	Vertical
2	6162.2083	39.69	33.65	-11.69	61.65	68.20	6.55	Vertical
3	7600.55	54.02	36.90	-40.00	50.92	74.00	23.08	Vertical
4	9604.6167	52.94	38.13	-40.05	51.02	68.20	17.18	Vertical
5	11489.4667	55.36	40.51	-40.45	55.42	74.00	18.58	Vertical
6	15002.7167	50.26	40.99	-36.42	54.83	68.20	13.37	Vertical

11a_TX_CH_157_Horizontal



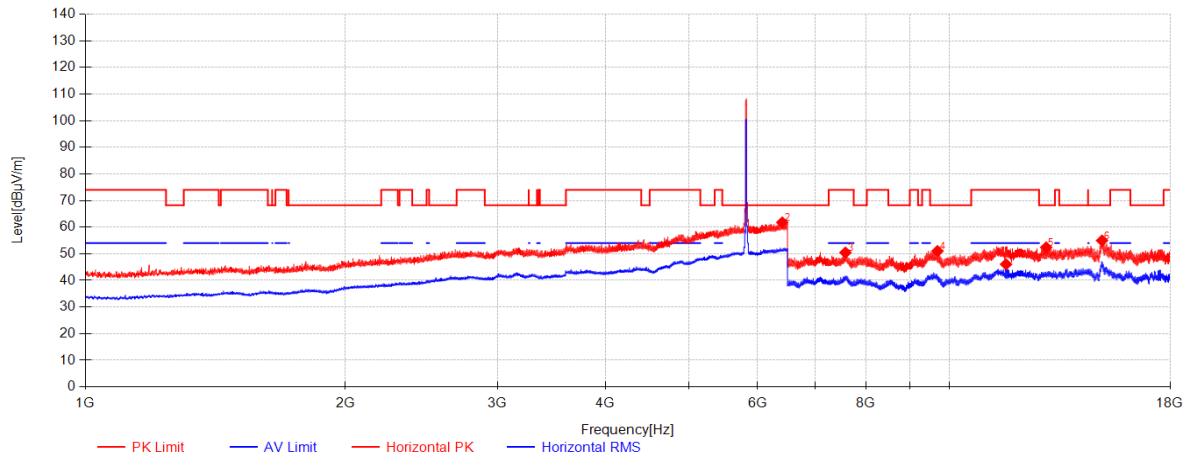
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11553.1	45.50	40.55	-40.67	45.38	54.00	8.62	Horizontal
2	6375.3333	40.32	33.80	-11.58	62.54	68.20	5.66	Horizontal
3	7584.0667	53.50	36.84	-40.12	50.22	74.00	23.78	Horizontal
4	9554.4	53.41	37.83	-40.18	51.06	68.20	17.14	Horizontal
5	11446.15	53.25	40.55	-40.48	53.32	74.00	20.68	Horizontal
6	15014.6	50.97	40.94	-36.45	55.46	68.20	12.74	Horizontal

11a_TX_CH_157_Vertical



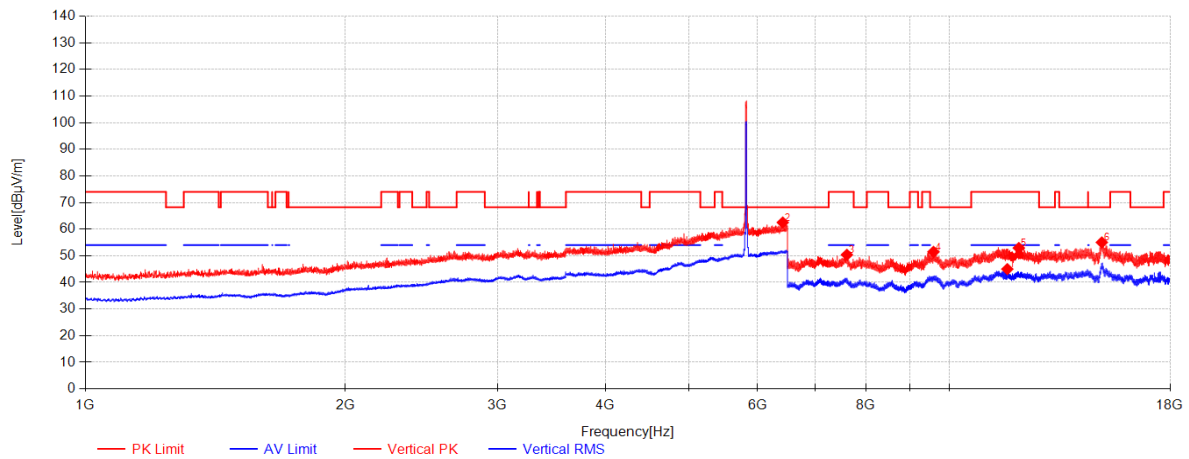
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11570.7333	45.56	40.57	-40.74	45.39	54.00	8.61	Vertical
2	6426.2083	39.34	34.05	-11.57	61.82	68.20	6.38	Vertical
3	7571.8	54.20	36.79	-40.21	50.78	74.00	23.22	Vertical
4	9444.7667	54.28	37.78	-40.69	51.37	74.00	22.63	Vertical
5	11367.1833	53.83	40.53	-40.69	53.67	74.00	20.33	Vertical
6	15064.05	51.87	40.74	-36.56	56.05	68.20	12.15	Vertical

11a_TX_CH_165_Horizontal



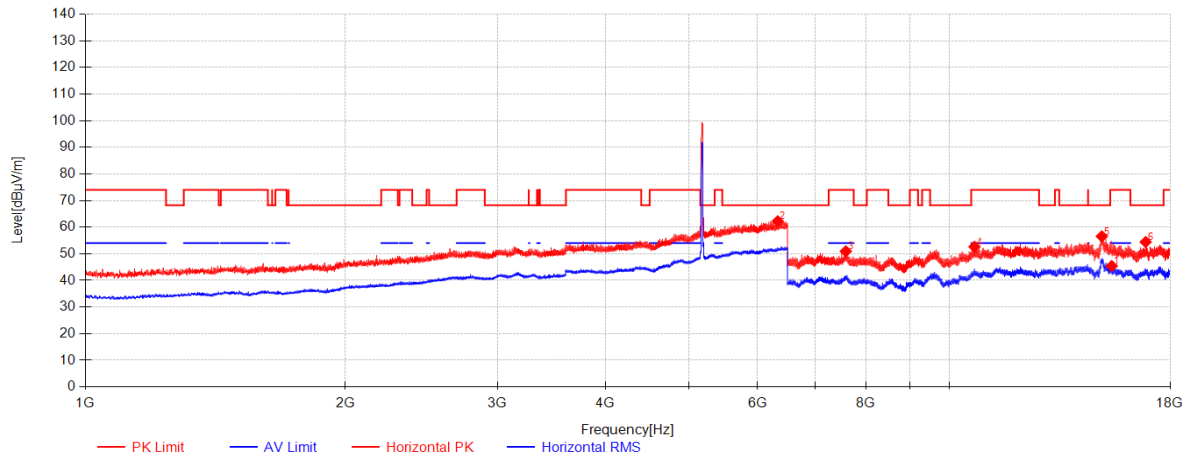
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11630.15	46.26	40.48	-40.68	46.06	54.00	7.94	Horizontal
2	6406.5	39.32	34.01	-11.55	61.78	68.20	6.42	Horizontal
3	7581	53.76	36.82	-40.14	50.44	74.00	23.56	Horizontal
4	9688.95	52.57	38.48	-40.01	51.04	68.20	17.16	Horizontal
5	12943.8333	53.30	39.28	-40.19	52.39	68.20	15.81	Horizontal
6	15019.9667	50.51	40.92	-36.46	54.97	68.20	13.23	Horizontal

11a_TX_CH_165_Vertical



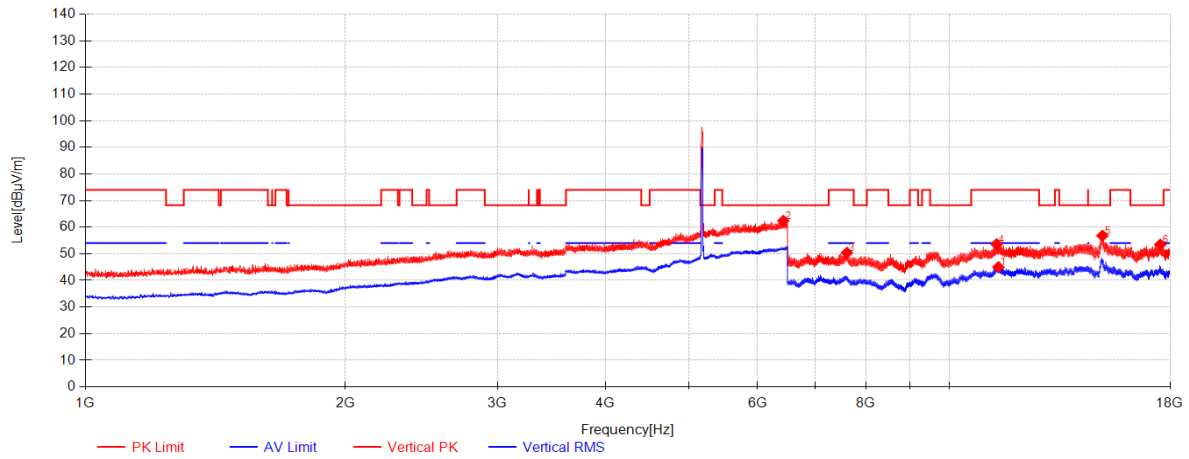
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11670.0167	45.11	40.32	-40.42	45.01	54.00	8.99	Vertical
2	6414.75	40.05	34.03	-11.56	62.52	68.20	5.68	Vertical
3	7610.9	53.58	36.88	-40.08	50.38	74.00	23.62	Vertical
4	9584.6833	53.56	38.01	-40.09	51.48	68.20	16.72	Vertical
5	12031.8833	53.48	39.87	-40.41	52.94	74.00	21.06	Vertical
6	15011.15	50.51	40.96	-36.44	55.03	68.20	13.17	Vertical

11ax(HE20)_TX_CH_36_Horizontal



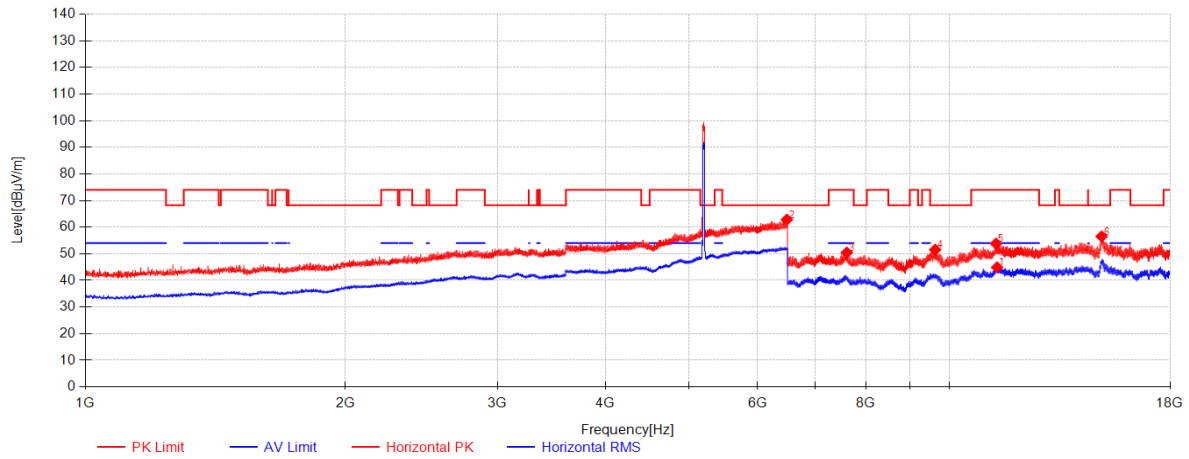
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15410.9667	42.79	39.47	-36.85	45.41	54.00	8.59	Horizontal
2	6329.0417	40.43	33.47	-11.65	62.25	68.20	5.95	Horizontal
3	7587.9	54.19	36.85	-40.09	50.95	74.00	23.05	Horizontal
4	10692.1333	53.61	39.18	-40.15	52.64	74.00	21.36	Horizontal
5	15010.3833	52.03	40.96	-36.43	56.56	68.20	11.64	Horizontal
6	16871.0833	52.80	40.33	-38.69	54.44	68.20	13.76	Horizontal

11ax(HE20)_TX_CH_36_Vertical



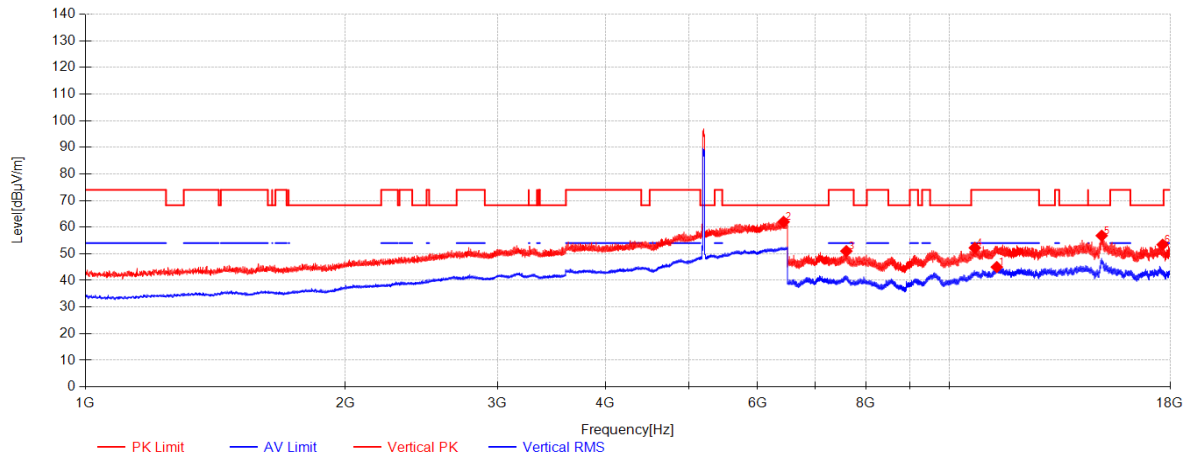
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11395.9333	44.97	40.59	-40.54	45.02	54.00	8.98	Vertical
2	6423.9167	39.92	34.05	-11.57	62.40	68.20	5.80	Vertical
3	7612.4333	53.60	36.88	-40.09	50.39	74.00	23.61	Vertical
4	11341.5	53.95	40.48	-40.83	53.60	74.00	20.40	Vertical
5	15034.15	52.45	40.86	-36.49	56.82	68.20	11.38	Vertical
6	17543.8333	50.97	44.68	-42.19	53.46	68.20	14.74	Vertical

11ax(HE20)_TX_CH_40_Horizontal



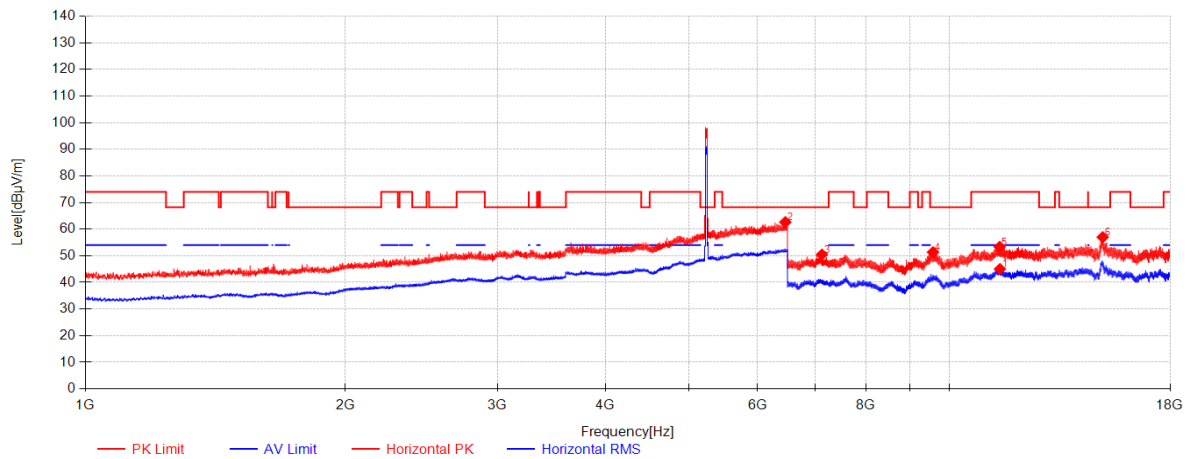
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11356.8333	45.14	40.51	-40.75	44.90	54.00	9.10	Horizontal
2	6485.3333	40.04	34.45	-11.65	62.84	68.20	5.36	Horizontal
3	7608.9833	53.62	36.88	-40.07	50.43	74.00	23.57	Horizontal
4	9628	53.31	38.27	-40.04	51.54	68.20	16.66	Horizontal
5	11323.1	54.31	40.45	-40.93	53.83	74.00	20.17	Horizontal
6	15001.5667	51.93	40.99	-36.41	56.51	68.20	11.69	Horizontal

11ax(HE20)_TX_CH_40_Vertical



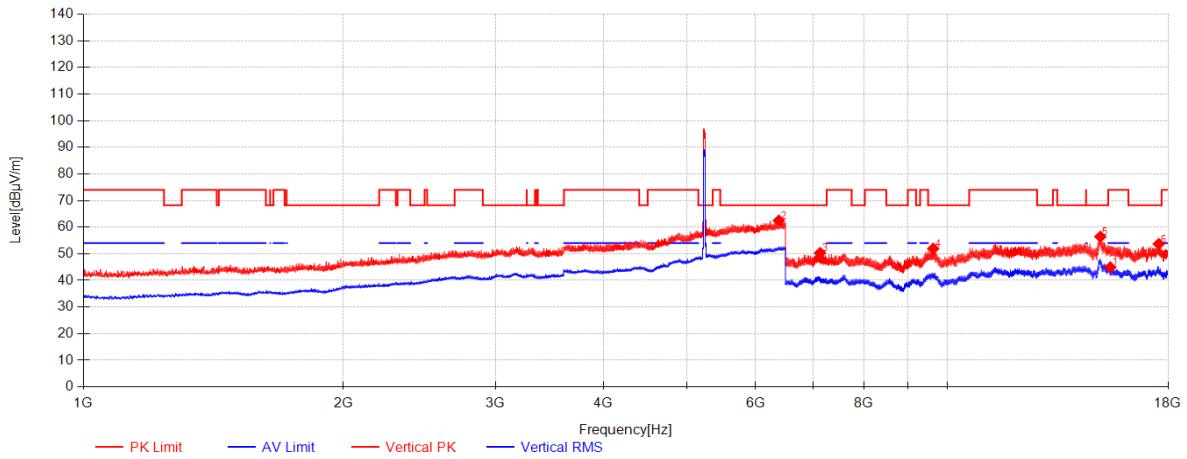
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11347.25	45.34	40.49	-40.80	45.03	54.00	8.97	Vertical
2	6428.5	39.53	34.06	-11.58	62.01	68.20	6.19	Vertical
3	7598.6333	54.12	36.89	-40.01	51.00	74.00	23.00	Vertical
4	10702.4833	53.19	39.20	-40.16	52.23	74.00	21.77	Vertical
5	15006.9333	52.27	40.97	-36.43	56.81	68.20	11.39	Vertical
6	17650.7833	51.59	44.90	-43.05	53.44	68.20	14.76	Vertical

11ax(HE20)_TX_CH_48_Horizontal



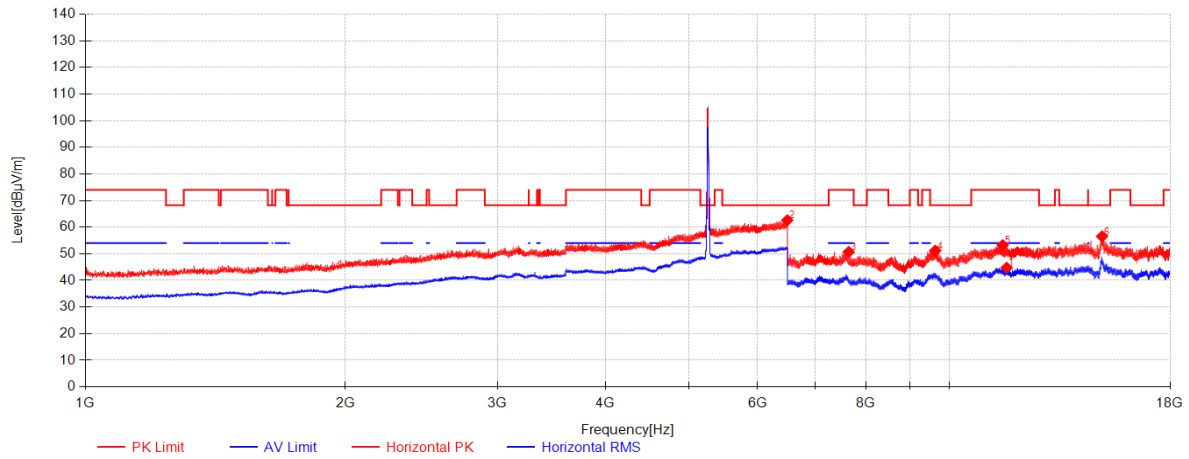
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11441.55	44.96	40.56	-40.49	45.03	54.00	8.97	Horizontal
2	6458.2917	40.08	34.18	-11.62	62.64	68.20	5.56	Horizontal
3	7121	54.54	36.16	-40.24	50.46	68.20	17.74	Horizontal
4	9572.8	53.53	37.94	-40.13	51.34	68.20	16.86	Horizontal
5	11433.1167	53.29	40.57	-40.49	53.37	74.00	20.63	Horizontal
6	15046.4167	52.70	40.81	-36.52	56.99	68.20	11.21	Horizontal

11ax(HE20)_TX_CH_48_Vertical



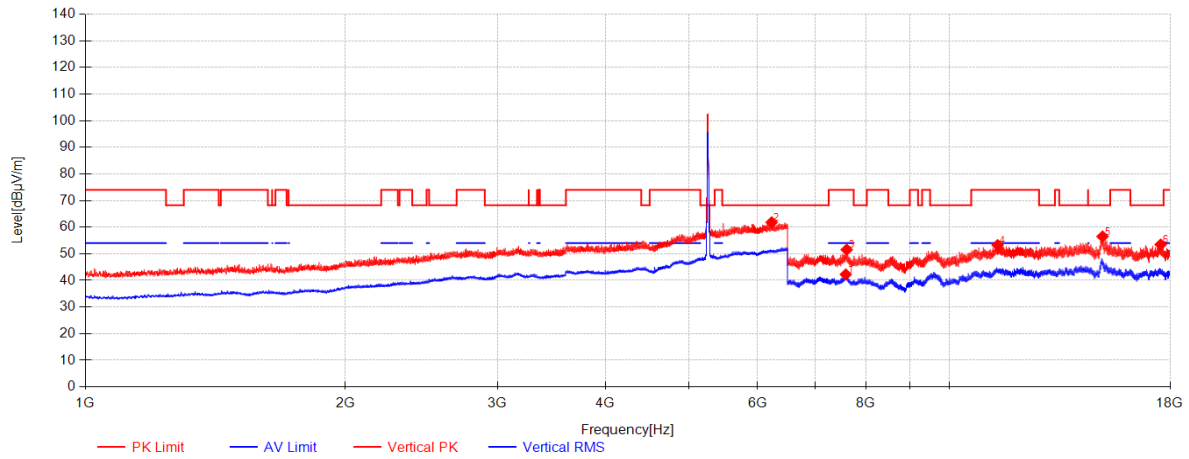
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15436.65	42.28	39.39	-36.74	44.93	54.00	9.07	Vertical
2	6381.2917	40.21	33.85	-11.57	62.49	68.20	5.71	Vertical
3	7122.5333	54.41	36.15	-40.24	50.32	68.20	17.88	Vertical
4	9629.5333	53.70	38.28	-40.04	51.94	68.20	16.26	Vertical
5	15033.3833	52.06	40.87	-36.49	56.44	68.20	11.76	Vertical
6	17561.4667	51.12	44.75	-42.17	53.70	68.20	14.50	Vertical

11ax(HE20)_TX_CH_52_Horizontal



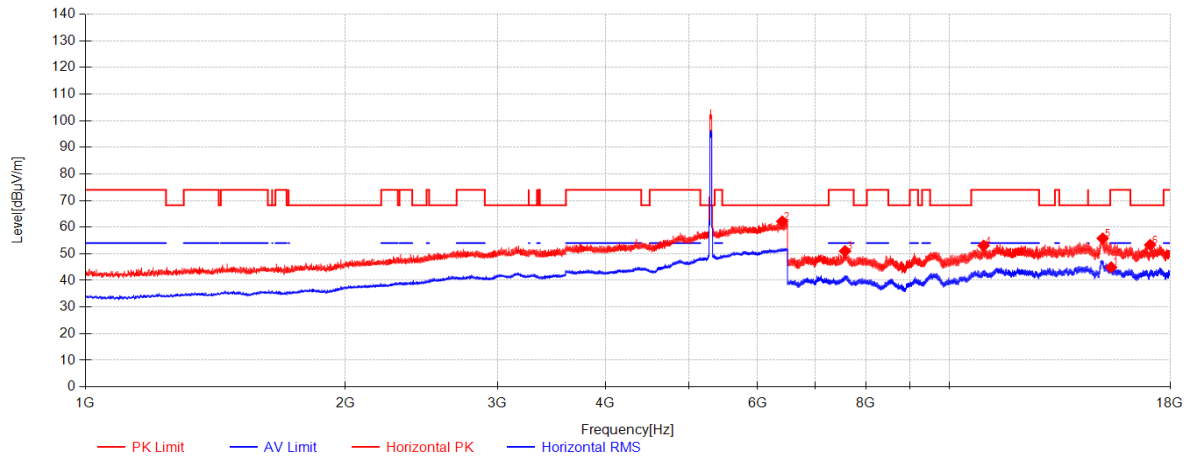
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11649.3167	44.89	40.40	-40.55	44.74	54.00	9.26	Horizontal
2	6492.2083	39.75	34.52	-11.66	62.61	68.20	5.59	Horizontal
3	7646.1667	54.22	36.81	-40.35	50.68	74.00	23.32	Horizontal
4	9631.0667	52.93	38.29	-40.04	51.18	68.20	17.02	Horizontal
5	11524.35	53.25	40.52	-40.54	53.23	74.00	20.77	Horizontal
6	15019.9667	52.07	40.92	-36.46	56.53	68.20	11.67	Horizontal

11ax(HE20)_TX_CH_52_Vertical



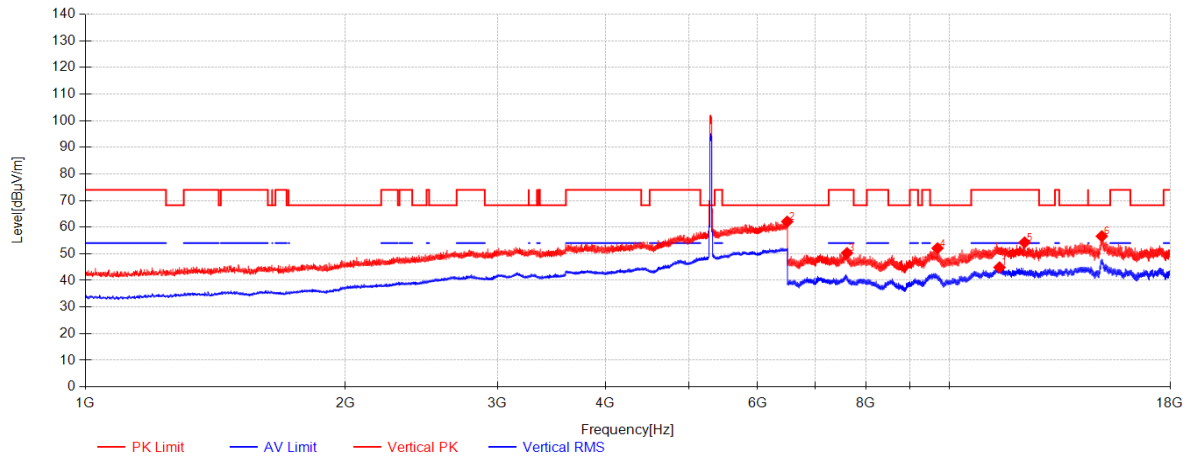
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7587.9	45.50	36.85	-40.09	42.26	54.00	11.74	Vertical
2	6228.6667	39.92	33.63	-11.72	61.83	68.20	6.37	Vertical
3	7607.45	54.71	36.89	-40.06	51.54	74.00	22.46	Vertical
4	11371.7833	53.40	40.54	-40.67	53.27	74.00	20.73	Vertical
5	15038.75	52.16	40.84	-36.50	56.50	68.20	11.70	Vertical
6	17559.1667	50.89	44.74	-42.17	53.46	68.20	14.74	Vertical

11ax(HE20)_TX_CH_60_Horizontal



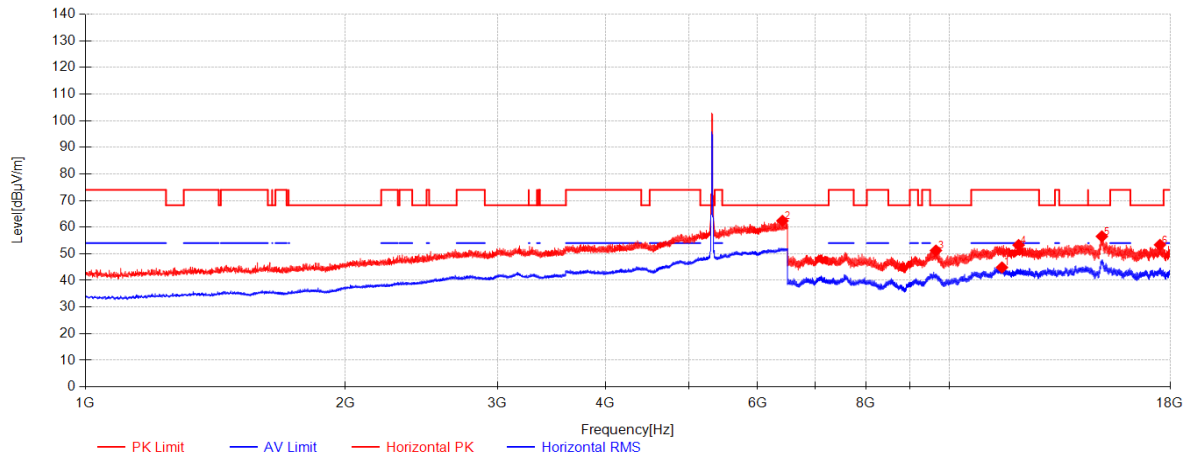
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15388.7333	42.26	39.58	-36.91	44.93	54.00	9.07	Horizontal
2	6405.5833	39.70	34.01	-11.55	62.16	68.20	6.04	Horizontal
3	7572.5667	54.42	36.79	-40.21	51.00	74.00	23.00	Horizontal
4	10956.25	53.71	40.18	-40.82	53.07	74.00	20.93	Horizontal
5	15044.8833	51.46	40.82	-36.52	55.76	68.20	12.44	Horizontal
6	17075.0167	52.23	41.60	-40.50	53.33	68.20	14.87	Horizontal

11ax(HE20)_TX_CH_60_Vertical



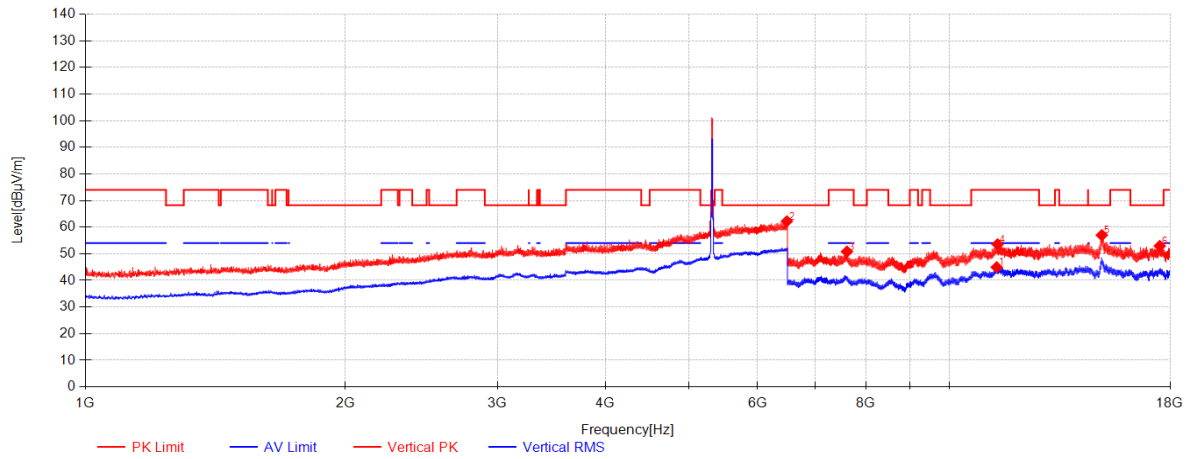
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11429.6667	44.83	40.57	-40.50	44.90	54.00	9.10	Vertical
2	6491.2917	39.24	34.51	-11.66	62.09	68.20	6.11	Vertical
3	7613.9667	53.52	36.87	-40.10	50.29	74.00	23.71	Vertical
4	9689.7167	53.63	38.48	-40.01	52.10	68.20	16.10	Vertical
5	12220.4833	54.84	39.82	-40.38	54.28	74.00	19.72	Vertical
6	15010	52.08	40.96	-36.43	56.61	68.20	11.59	Vertical

11ax(HE20)_TX_CH_64_Horizontal



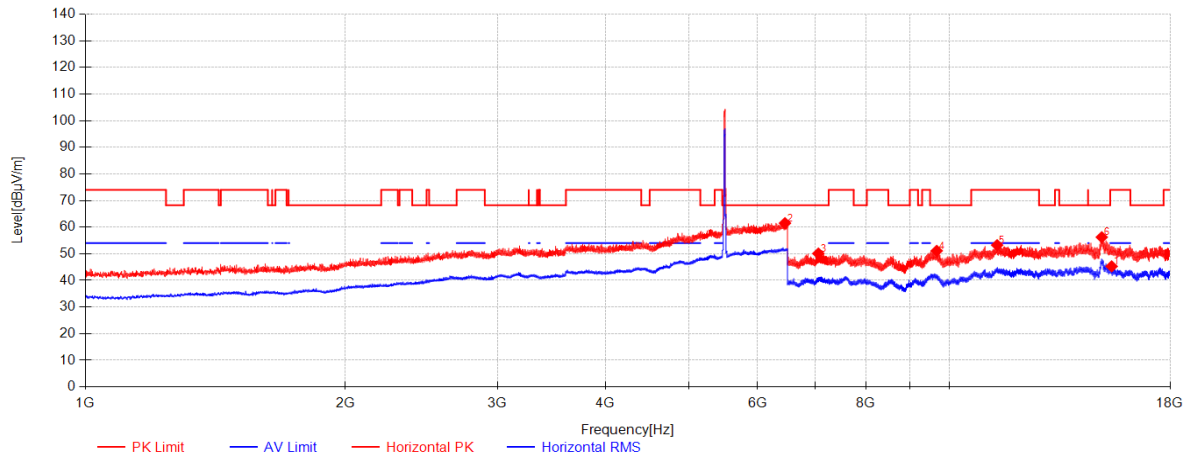
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11503.2667	44.82	40.50	-40.45	44.87	54.00	9.13	Horizontal
2	6408.7917	39.92	34.02	-11.55	62.39	68.20	5.81	Horizontal
3	9647.9333	52.87	38.39	-40.03	51.23	68.20	16.97	Horizontal
4	12024.9833	53.79	39.88	-40.39	53.28	74.00	20.72	Horizontal
5	15013.8333	52.03	40.94	-36.44	56.53	68.20	11.67	Horizontal
6	17527.7333	50.95	44.61	-42.20	53.36	68.20	14.84	Horizontal

11ax(HE20)_TX_CH_64_Vertical



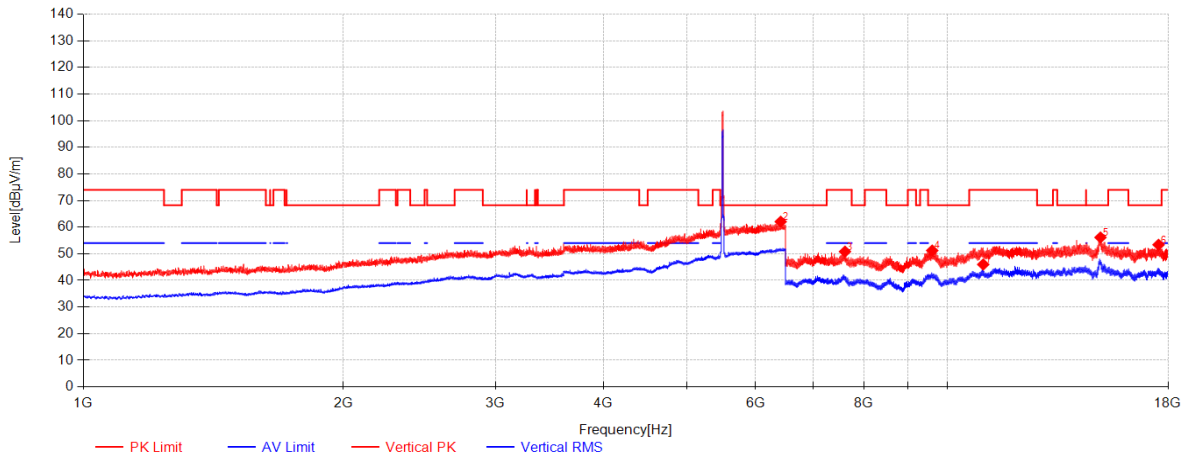
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11343.8	45.29	40.49	-40.82	44.96	54.00	9.04	Vertical
2	6484.875	39.42	34.45	-11.65	62.22	68.20	5.98	Vertical
3	7611.6667	54.04	36.88	-40.09	50.83	74.00	23.17	Vertical
4	11371.4	53.72	40.54	-40.67	53.59	74.00	20.41	Vertical
5	15009.6167	52.46	40.96	-36.43	56.99	68.20	11.21	Vertical
6	17515.85	50.58	44.56	-42.21	52.93	68.20	15.27	Vertical

11ax(HE20)_TX_CH_100_Horizontal



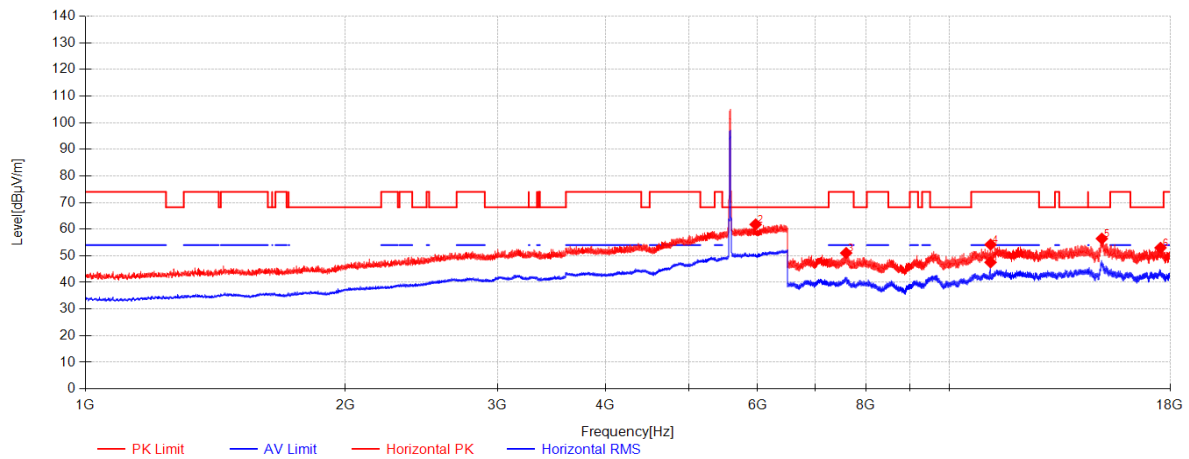
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	15410.2	42.68	39.47	-36.86	45.29	54.00	8.71	Horizontal
2	6452.3333	39.00	34.12	-11.61	61.51	68.20	6.69	Horizontal
3	7053.5333	54.72	35.92	-40.54	50.10	68.20	18.10	Horizontal
4	9667.4833	52.71	38.43	-40.02	51.12	68.20	17.08	Horizontal
5	11356.8333	53.50	40.51	-40.75	53.26	74.00	20.74	Horizontal
6	15009.2333	51.72	40.96	-36.43	56.25	68.20	11.95	Horizontal

11ax(HE20)_TX_CH_100_Vertical



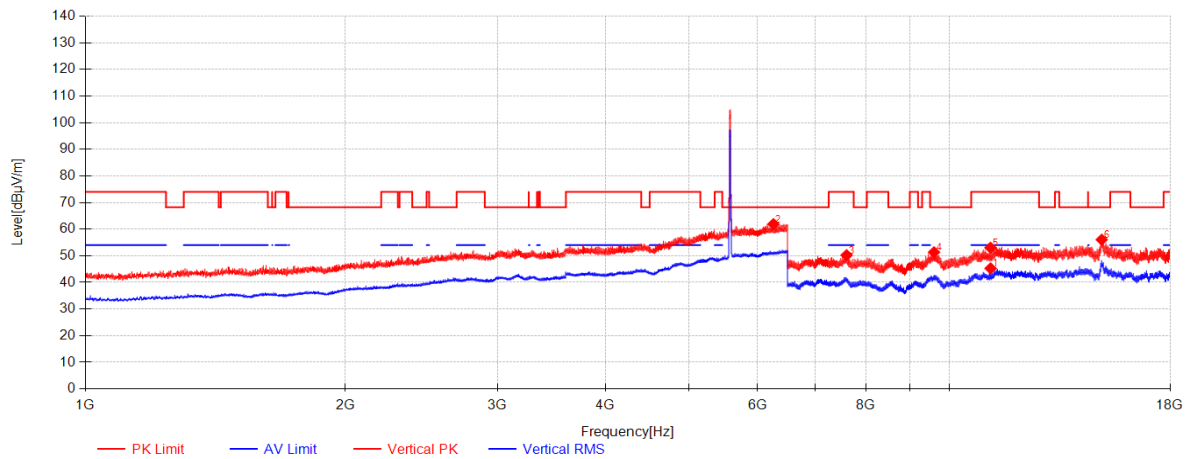
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11001.8667	46.53	40.40	-40.94	45.99	54.00	8.01	Vertical
2	6413.8333	39.59	34.03	-11.56	62.06	68.20	6.14	Vertical
3	7612.05	54.03	36.88	-40.09	50.82	74.00	23.18	Vertical
4	9604.2333	53.15	38.13	-40.05	51.23	68.20	16.97	Vertical
5	15037.9833	51.80	40.85	-36.50	56.15	68.20	12.05	Vertical
6	17554.5667	50.84	44.72	-42.18	53.38	68.20	14.82	Vertical

11ax(HE20)_TX_CH_116_Horizontal



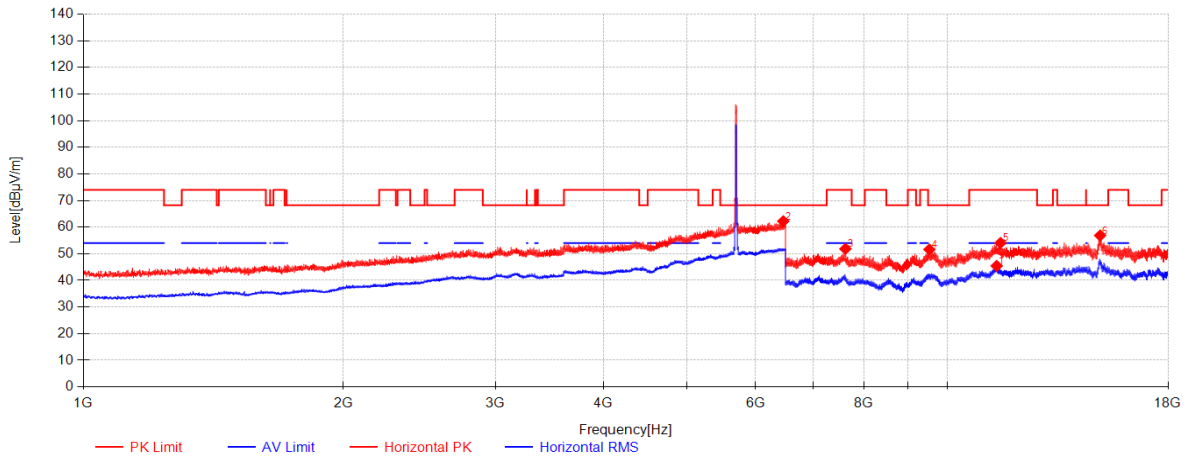
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11160.5667	49.13	40.50	-42.08	47.55	54.00	6.45	Horizontal
2	5967.875	40.64	33.09	-11.96	61.77	68.20	6.43	Horizontal
3	7594.8	54.20	36.88	-40.04	51.04	74.00	22.96	Horizontal
4	11162.1	55.80	40.50	-42.08	54.22	74.00	19.78	Horizontal
5	15012.3	51.94	40.95	-36.44	56.45	68.20	11.75	Horizontal
6	17553.0333	50.47	44.71	-42.18	53.00	68.20	15.20	Horizontal

11ax(HE20)_TX_CH_116_Vertical



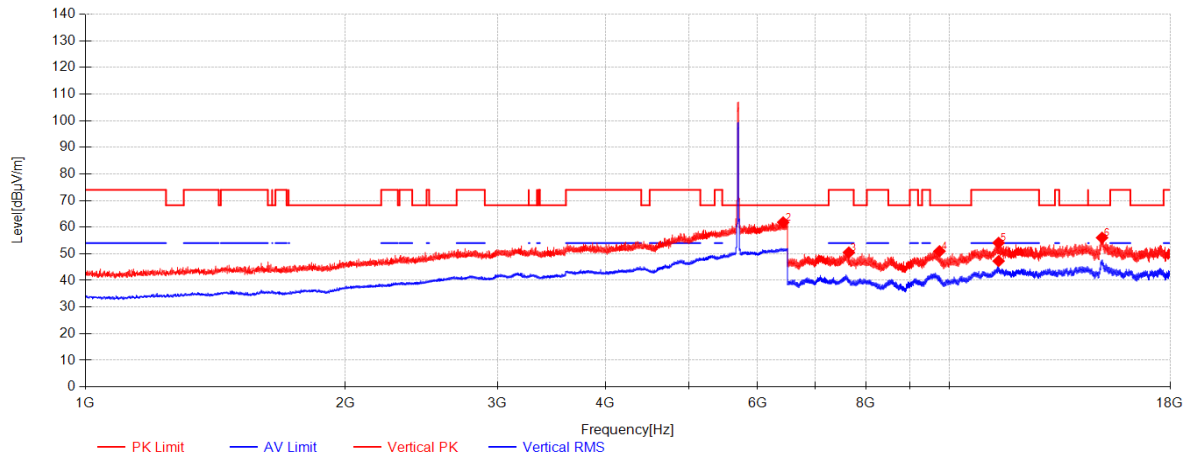
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11161.3333	46.87	40.50	-42.08	45.29	54.00	8.71	Vertical
2	6257.5417	40.15	33.47	-11.71	61.91	68.20	6.29	Vertical
3	7604.3833	53.38	36.89	-40.03	50.24	74.00	23.76	Vertical
4	9599.6333	53.30	38.10	-40.05	51.35	68.20	16.85	Vertical
5	11157.8833	54.60	40.50	-42.08	53.02	74.00	20.98	Vertical
6	15006.9333	51.53	40.97	-36.43	56.07	68.20	12.13	Vertical

11ax(HE20)_TX_CH_140_Horizontal



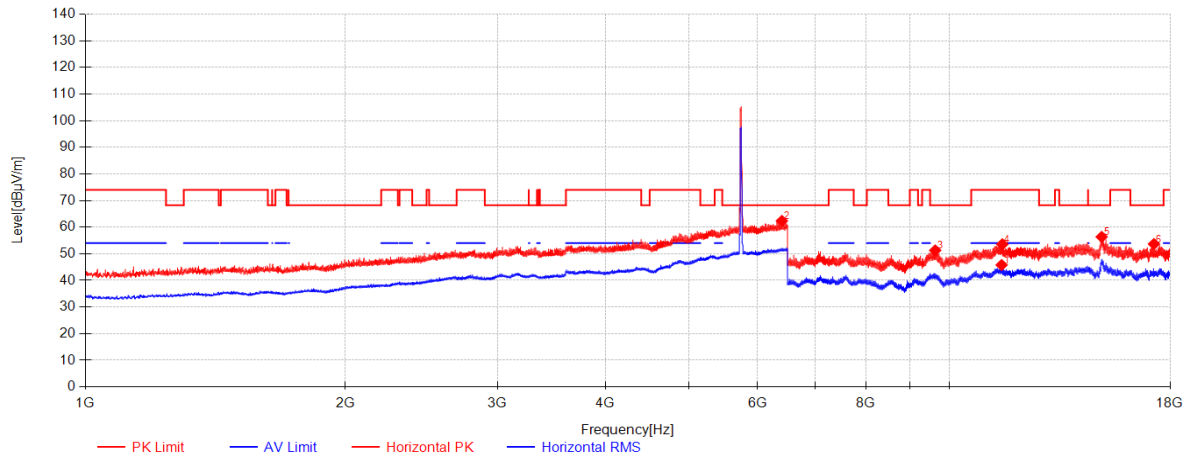
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11402.45	45.38	40.60	-40.52	45.46	54.00	8.54	Horizontal
2	6457.375	39.67	34.17	-11.61	62.23	68.20	5.97	Horizontal
3	7620.4833	55.14	36.86	-40.15	51.85	74.00	22.15	Horizontal
4	9532.55	54.17	37.70	-40.25	51.62	68.20	16.58	Horizontal
5	11519.3667	54.08	40.52	-40.52	54.08	74.00	19.92	Horizontal
6	15023.8	52.44	40.90	-36.47	56.87	68.20	11.33	Horizontal

11ax(HE20)_TX_CH_140_Vertical



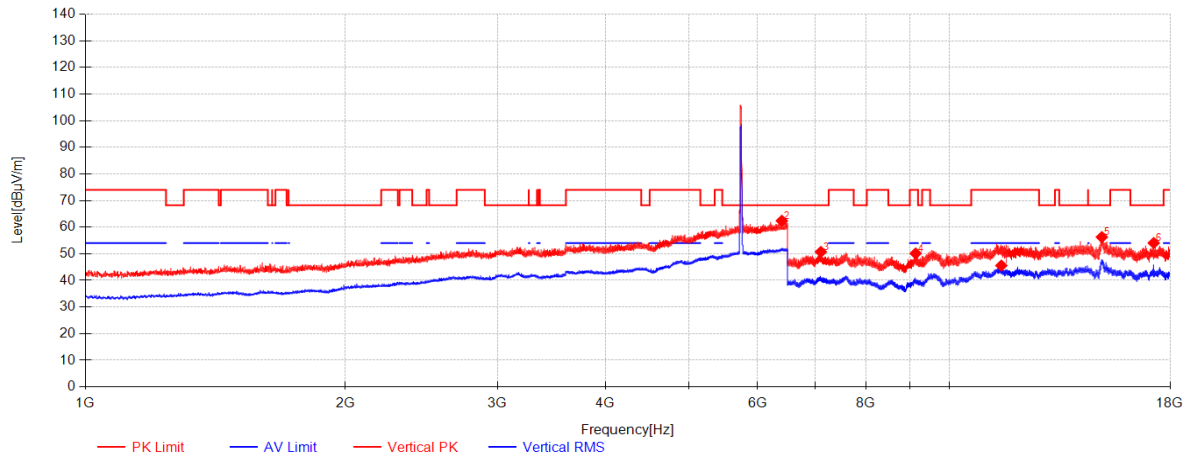
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11401.6833	47.19	40.60	-40.52	47.27	54.00	6.73	Vertical
2	6421.625	39.35	34.04	-11.57	61.82	68.20	6.38	Vertical
3	7650.3833	54.08	36.80	-40.38	50.50	74.00	23.50	Vertical
4	9739.9333	52.78	38.58	-40.39	50.97	68.20	17.23	Vertical
5	11401.6833	54.05	40.60	-40.52	54.13	74.00	19.87	Vertical
6	15019.2	51.58	40.92	-36.46	56.04	68.20	12.16	Vertical

11ax(HE20)_TX_CH_149_Horizontal



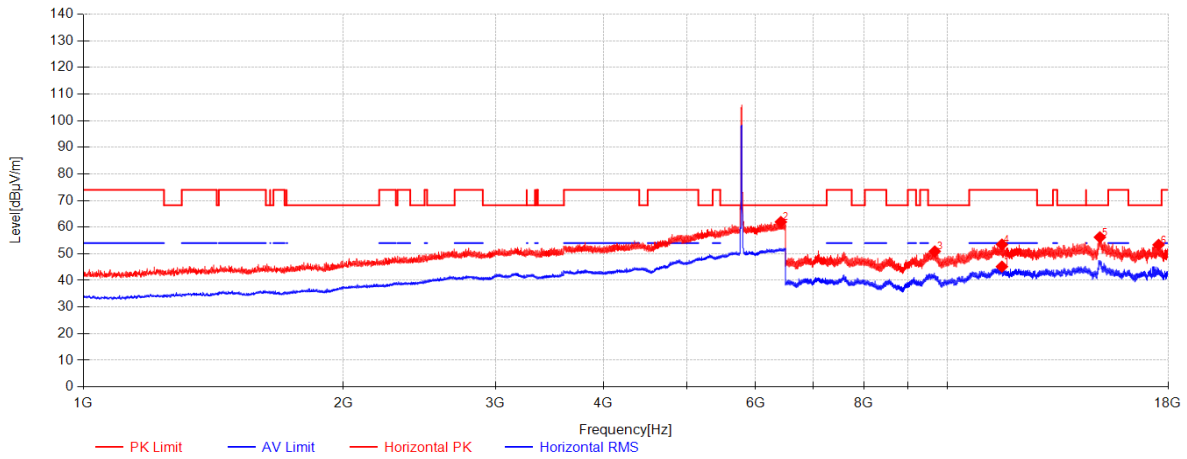
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11494.0667	45.73	40.51	-40.44	45.80	54.00	8.20	Horizontal
2	6399.1667	39.90	33.99	-11.54	62.35	68.20	5.85	Horizontal
3	9629.15	53.05	38.27	-40.04	51.28	68.20	16.92	Horizontal
4	11515.9167	53.56	40.52	-40.51	53.57	74.00	20.43	Horizontal
5	15005.0167	51.80	40.98	-36.42	56.36	68.20	11.84	Horizontal
6	17248.2833	52.25	42.59	-41.17	53.67	68.20	14.53	Horizontal

11ax(HE20)_TX_CH_149_Vertical



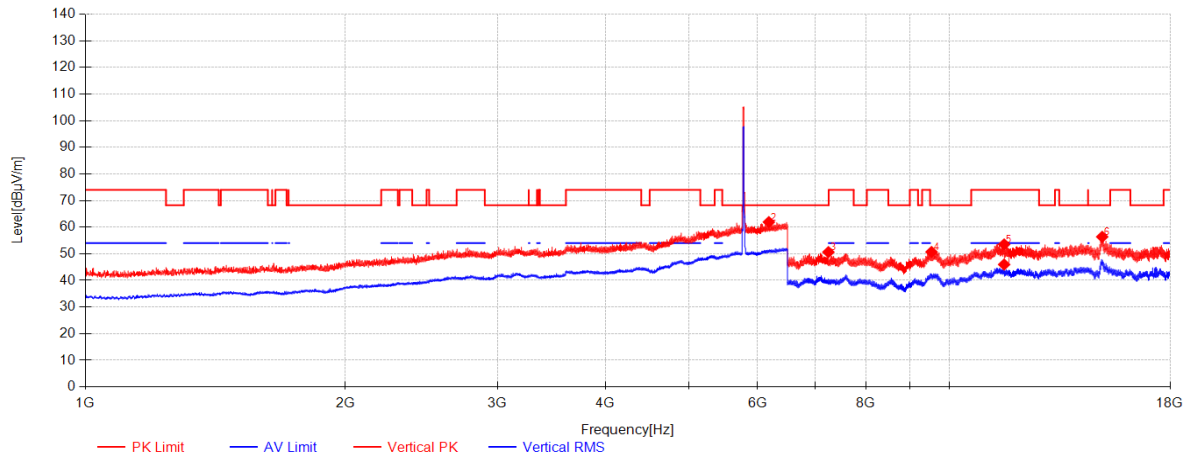
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11485.6333	45.51	40.51	-40.45	45.57	54.00	8.43	Vertical
2	6398.7083	39.95	33.99	-11.54	62.40	68.20	5.80	Vertical
3	7100.6833	54.67	36.20	-40.15	50.72	68.20	17.48	Vertical
4	9140.4	53.52	37.38	-40.76	50.14	74.00	23.86	Vertical
5	15011.9167	51.77	40.95	-36.44	56.28	68.20	11.92	Vertical
6	17239.4667	52.62	42.52	-41.09	54.05	68.20	14.15	Vertical

11ax(HE20)_TX_CH_157_Horizontal



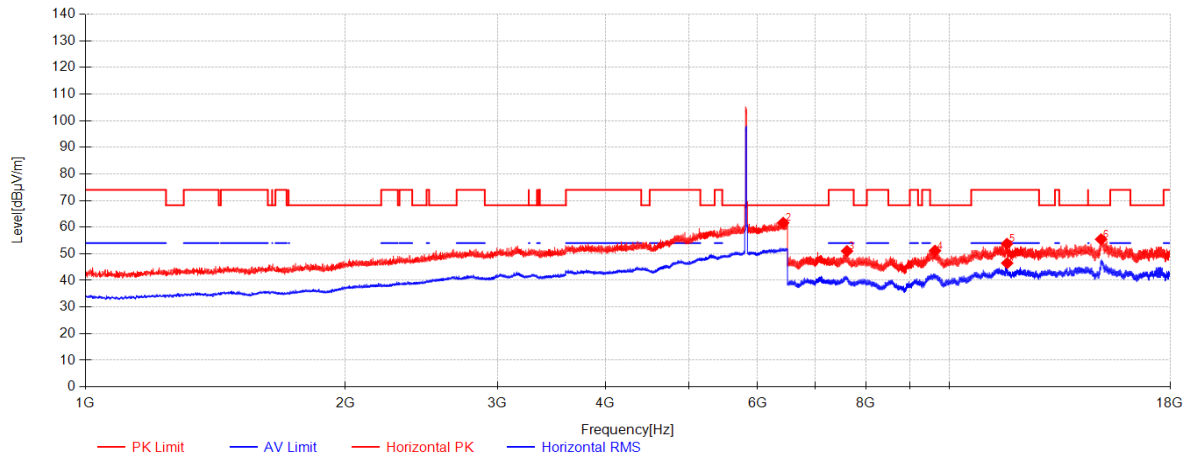
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11563.8333	45.33	40.56	-40.71	45.18	54.00	8.82	Horizontal
2	6417.0417	39.49	34.03	-11.56	61.96	68.20	6.24	Horizontal
3	9669.4	52.48	38.44	-40.02	50.90	68.20	17.30	Horizontal
4	11565.3667	53.63	40.57	-40.72	53.48	74.00	20.52	Horizontal
5	15013.8333	51.72	40.94	-36.44	56.22	68.20	11.98	Horizontal
6	17554.95	50.83	44.72	-42.18	53.37	68.20	14.83	Horizontal

11ax(HE20)_TX_CH_157_Vertical



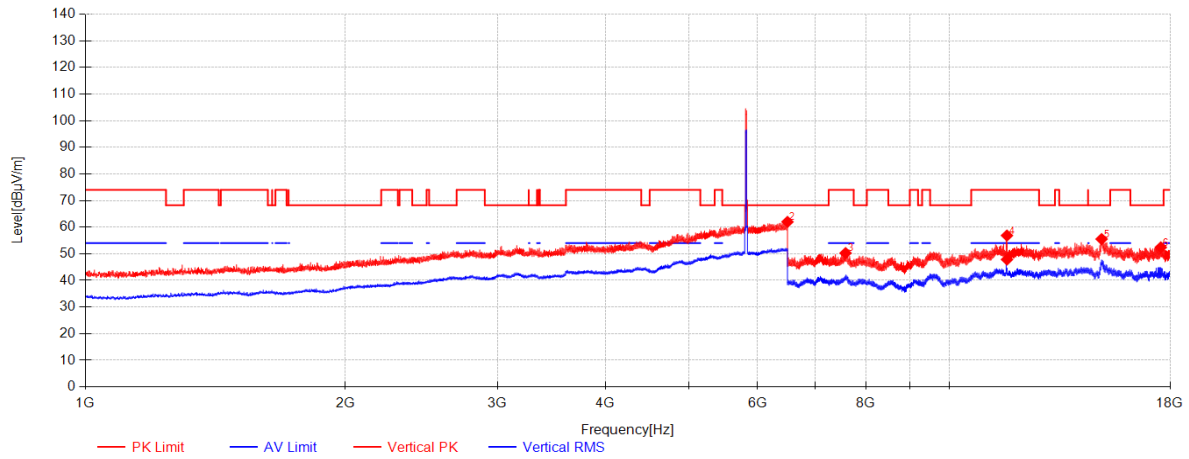
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11570.7333	46.15	40.57	-40.74	45.98	54.00	8.02	Vertical
2	6181.4583	39.90	33.73	-11.71	61.92	68.20	6.28	Vertical
3	7244.4333	54.45	36.57	-40.39	50.63	68.20	17.57	Vertical
4	9535.2333	53.22	37.71	-40.24	50.69	68.20	17.51	Vertical
5	11571.1167	53.72	40.57	-40.75	53.54	74.00	20.46	Vertical
6	15025.7167	51.94	40.90	-36.47	56.37	68.20	11.83	Vertical

11ax(HE20)_TX_CH_165_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11666.1833	46.61	40.34	-40.45	46.50	54.00	7.50	Horizontal
2	6422.0833	39.19	34.04	-11.57	61.66	68.20	6.54	Horizontal
3	7612.8167	54.24	36.87	-40.10	51.01	74.00	22.99	Horizontal
4	9623.7833	52.95	38.24	-40.04	51.15	68.20	17.05	Horizontal
5	11657.75	53.86	40.37	-40.50	53.73	74.00	20.27	Horizontal
6	14983.9333	51.46	41.05	-37.08	55.43	68.20	12.77	Horizontal

11ax(HE20)_TX_CH_165_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	11658.9	48.00	40.36	-40.49	47.87	54.00	6.13	Vertical
2	6496.3333	39.10	34.56	-11.67	61.99	68.20	6.21	Vertical
3	7582.9167	53.56	36.83	-40.13	50.26	74.00	23.74	Vertical
4	11658.5167	57.00	40.37	-40.50	56.87	74.00	17.13	Vertical
5	15001.5667	50.95	40.99	-36.41	55.53	68.20	12.67	Vertical
6	17564.15	49.82	44.76	-42.17	52.41	68.20	15.79	Vertical

7.4 Radiated Emissions which fall in the restricted bands

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

Test Method: ANSI C63.10 (2020) Section 6.10.5 & 12.7.2

Limit:

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

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

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

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

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

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

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

7.4.1 E.U.T. Operation

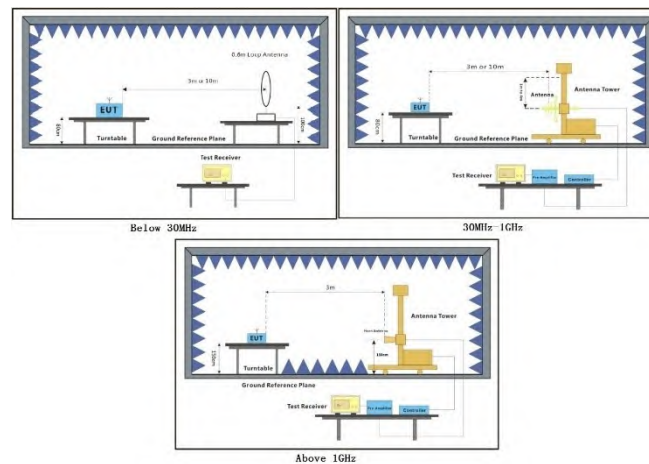
Operating Environment:

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

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

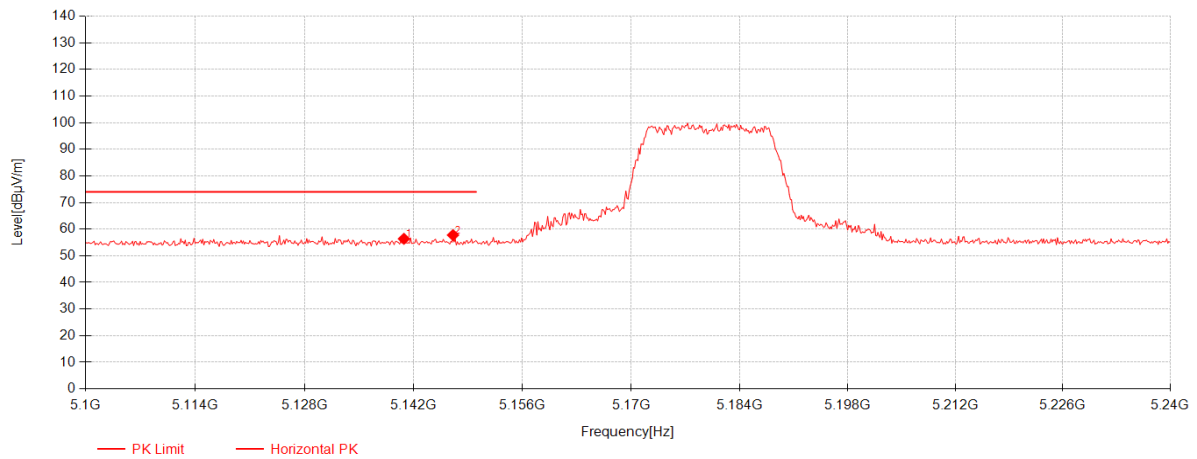
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5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

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

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

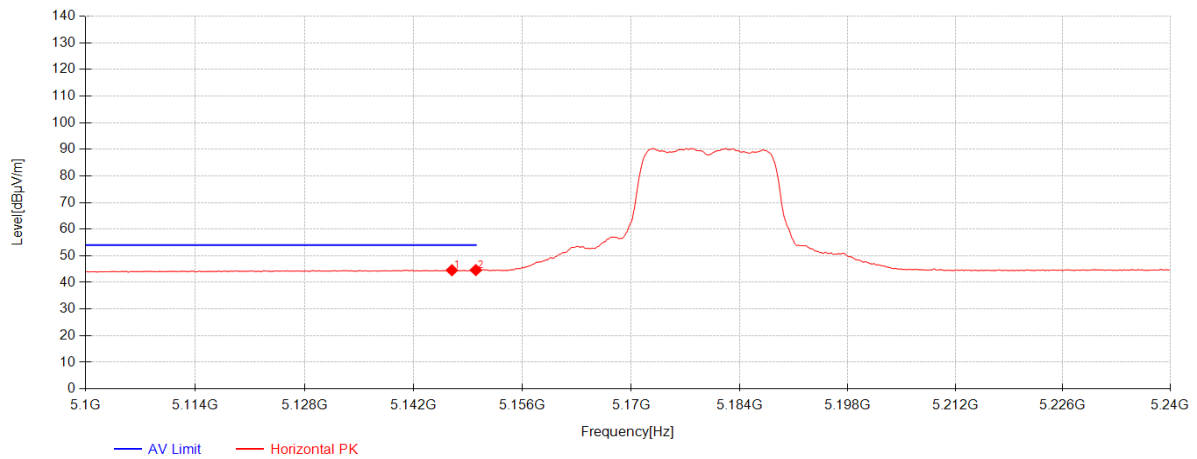
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



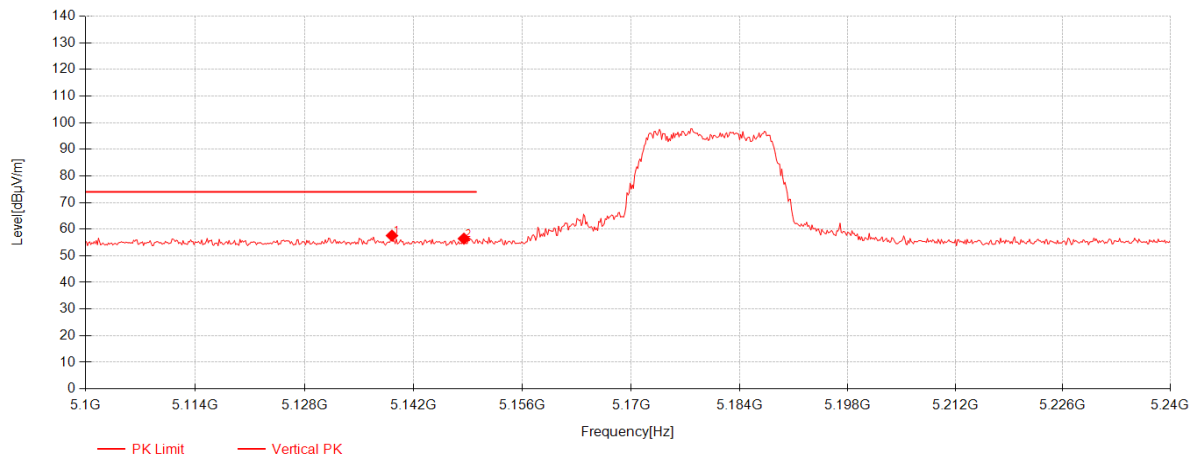
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.74	37.39	32.04	-13.06	56.37	74.00	17.63	Horizontal
2	5147.04	38.77	32.08	-13.06	57.79	74.00	16.21	Horizontal

11a_TX_CH_36_Horizontal_Average



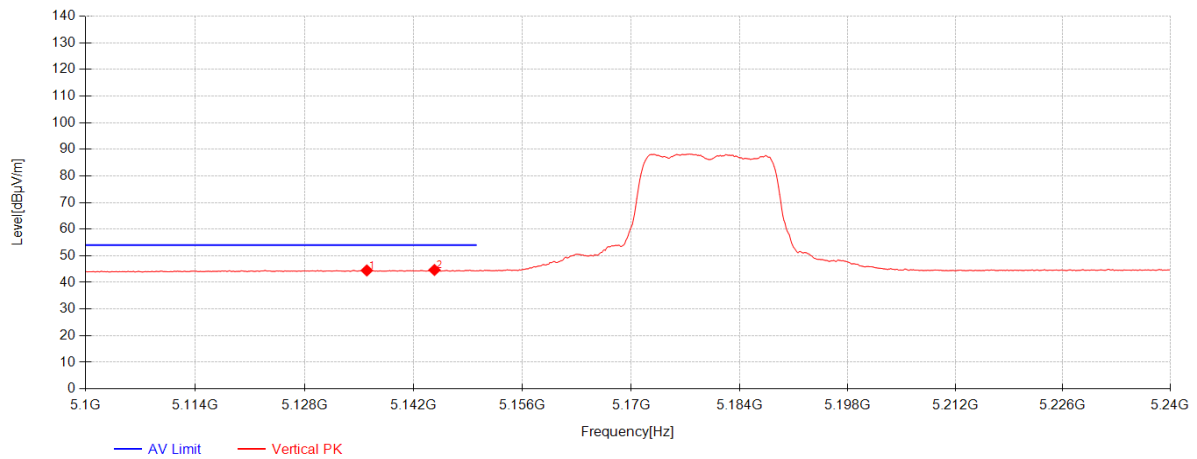
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.9	25.55	32.08	-13.06	44.57	54.00	9.43	Horizontal
2	5149.98	25.59	32.10	-13.06	44.63	54.00	9.37	Horizontal

11a_TX_CH_36_Vertical_Peak



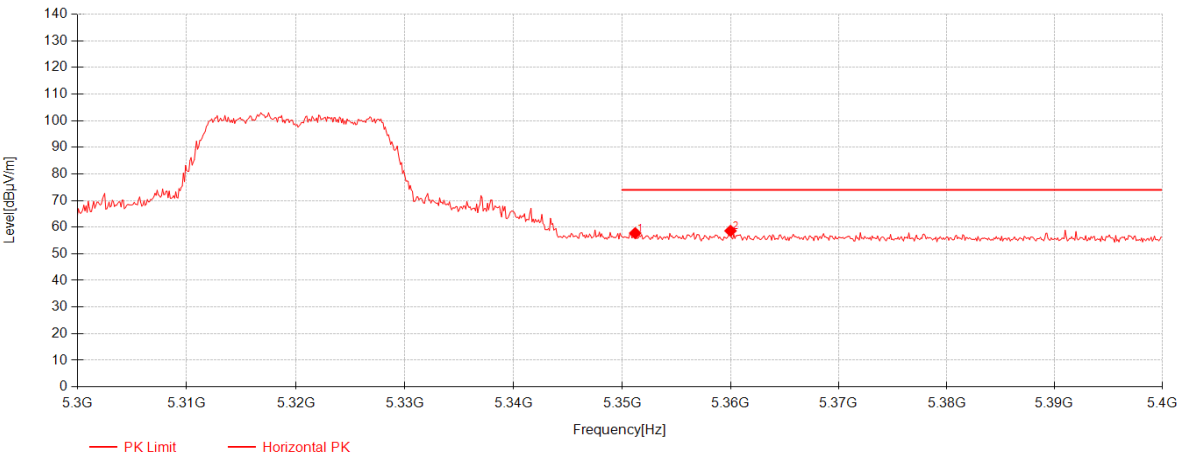
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5139.2	38.59	32.04	-13.06	57.57	74.00	16.43	Vertical
2	5148.44	37.41	32.09	-13.06	56.44	74.00	17.56	Vertical

11a_TX_CH_36_Vertical_Average



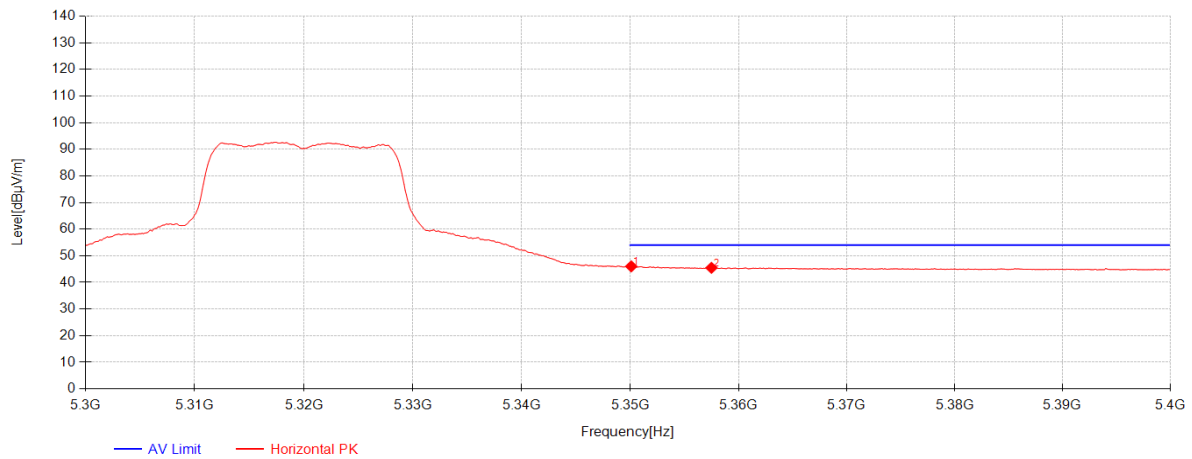
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5135.98	25.54	32.02	-13.07	44.49	54.00	9.51	Vertical
2	5144.66	25.66	32.07	-13.06	44.67	54.00	9.33	Vertical

11a_TX_CH_64_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.2	38.00	32.49	-12.73	57.76	74.00	16.24	Horizontal
2	5360	38.93	32.44	-12.76	58.61	74.00	15.39	Horizontal

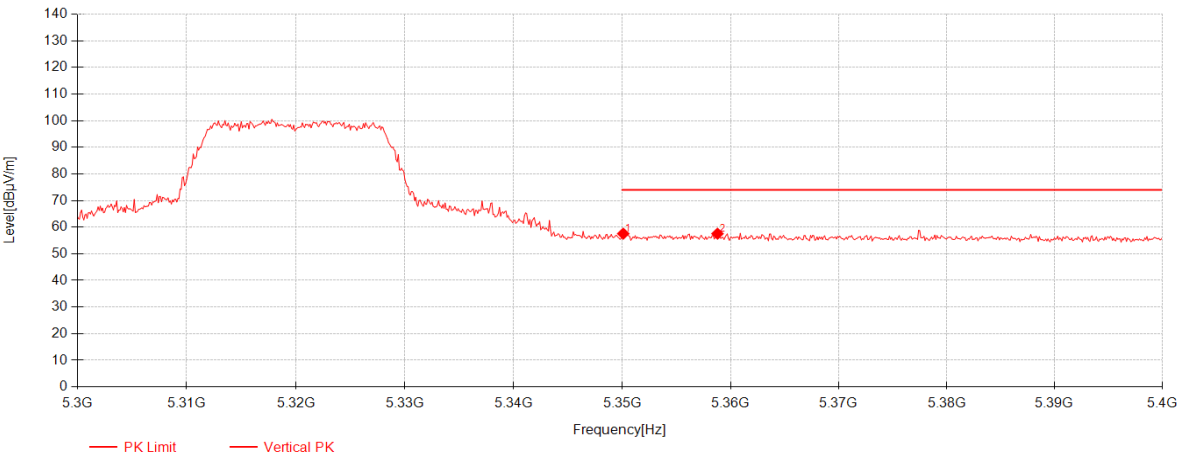
11a_TX_CH_64_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	26.26	32.50	-12.73	46.03	54.00	7.97	Horizontal
2	5357.5	25.76	32.46	-12.75	45.47	54.00	8.53	Horizontal

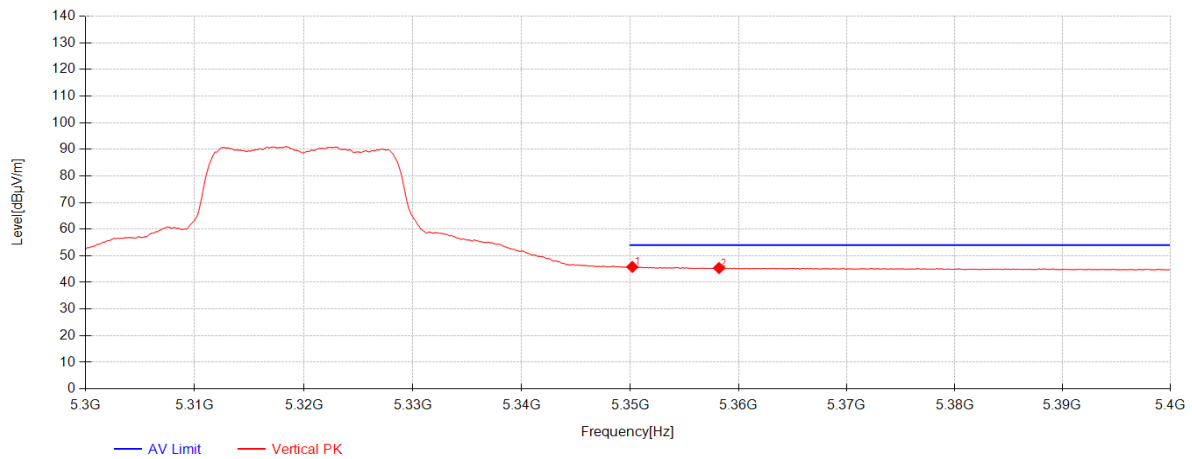


11a_TX_CH_64_Vertical_Peak



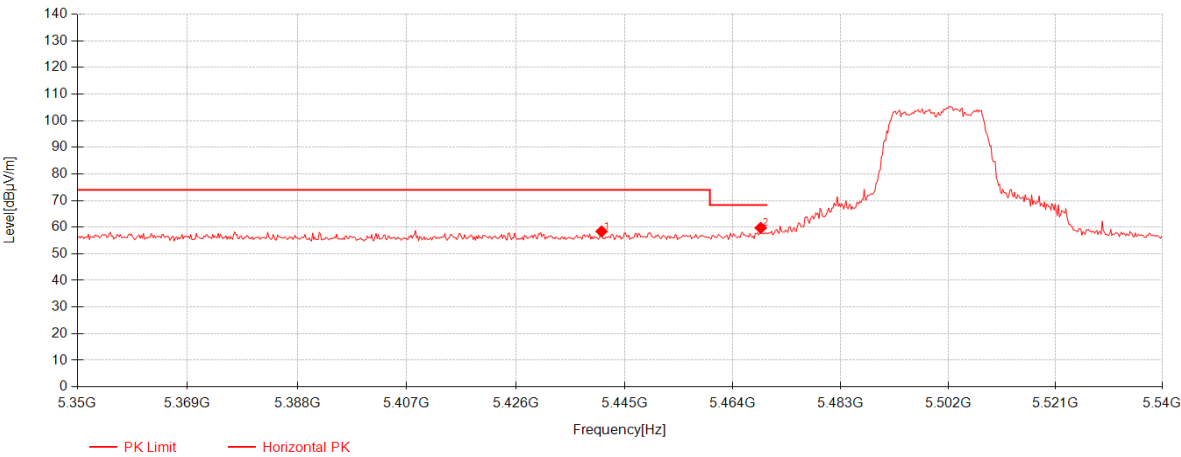
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	37.80	32.50	-12.73	57.57	74.00	16.43	Vertical
2	5358.8	37.85	32.45	-12.75	57.55	74.00	16.45	Vertical

11a_TX_CH_64_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.2	26.06	32.50	-12.73	45.83	54.00	8.17	Vertical
2	5358.2	25.70	32.45	-12.75	45.40	54.00	8.60	Vertical

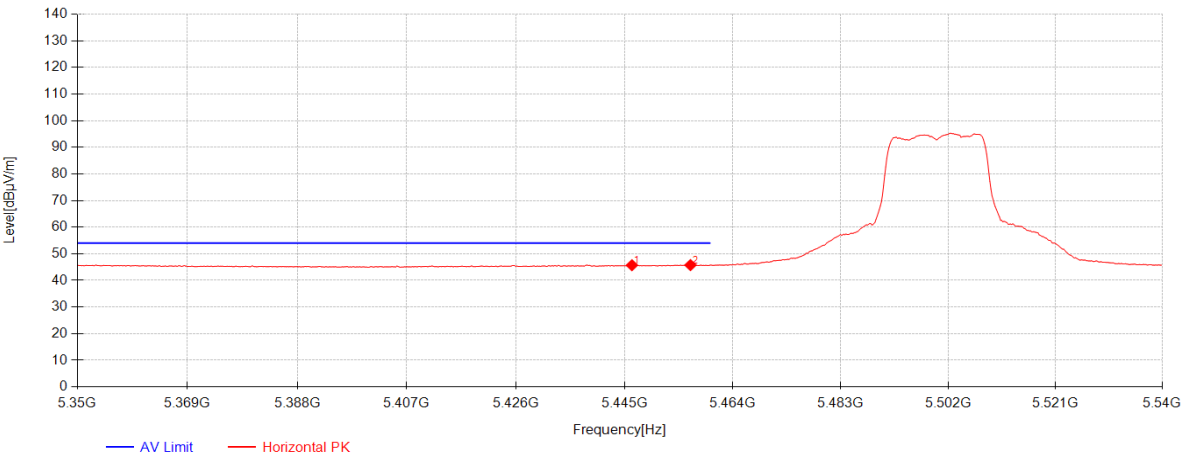
11a_TX_CH_100_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5441.01	38.65	32.45	-12.69	58.41	74.00	15.59	Horizontal
2	5468.94	39.72	32.58	-12.56	59.74	68.30	8.56	Horizontal

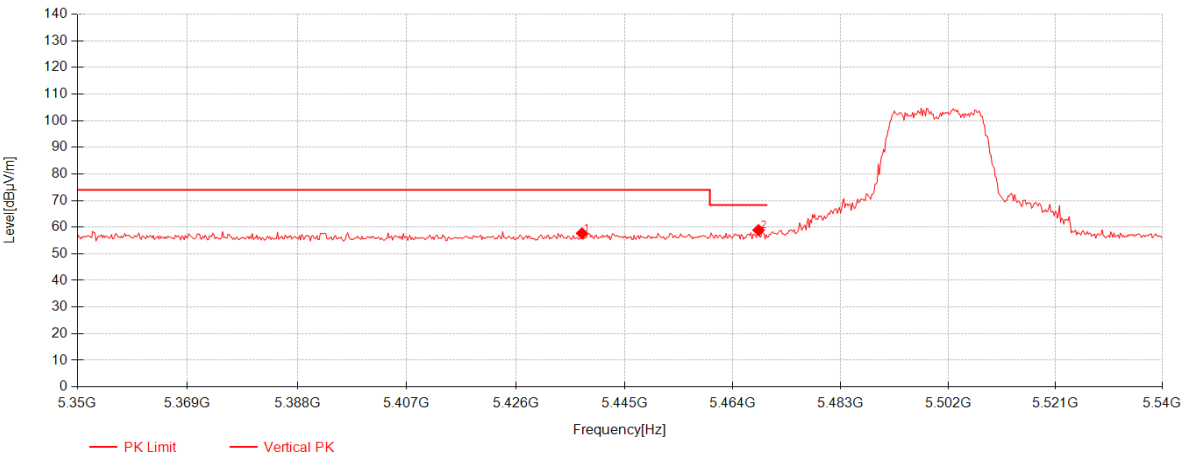


11a_TX_CH_100_Horizontal_Average



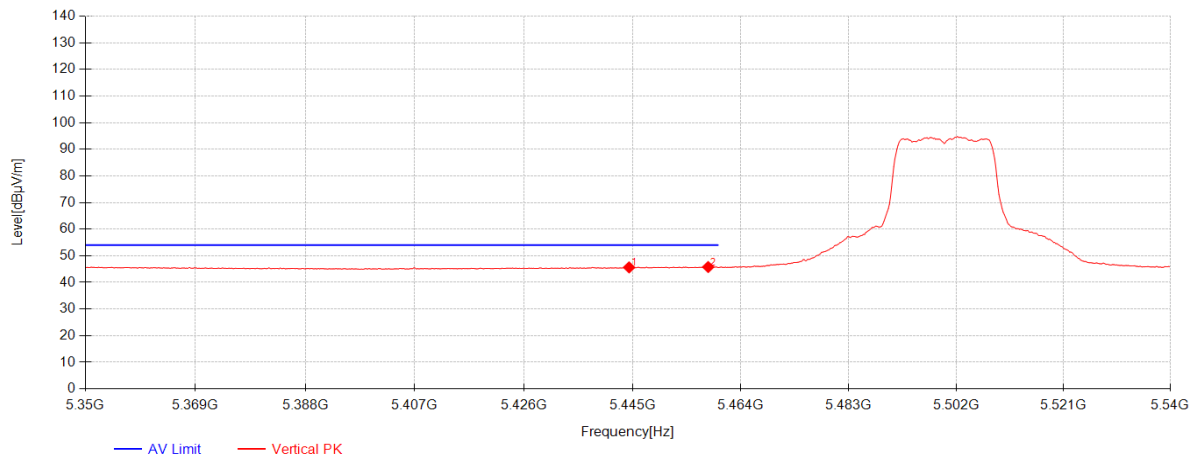
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5446.33	25.89	32.48	-12.67	45.70	54.00	8.30	Horizontal
2	5456.59	25.85	32.53	-12.62	45.76	54.00	8.24	Horizontal

11a_TX_CH_100_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5437.59	37.95	32.43	-12.71	57.67	74.00	16.33	Vertical
2	5468.56	38.87	32.57	-12.56	58.88	68.30	9.42	Vertical

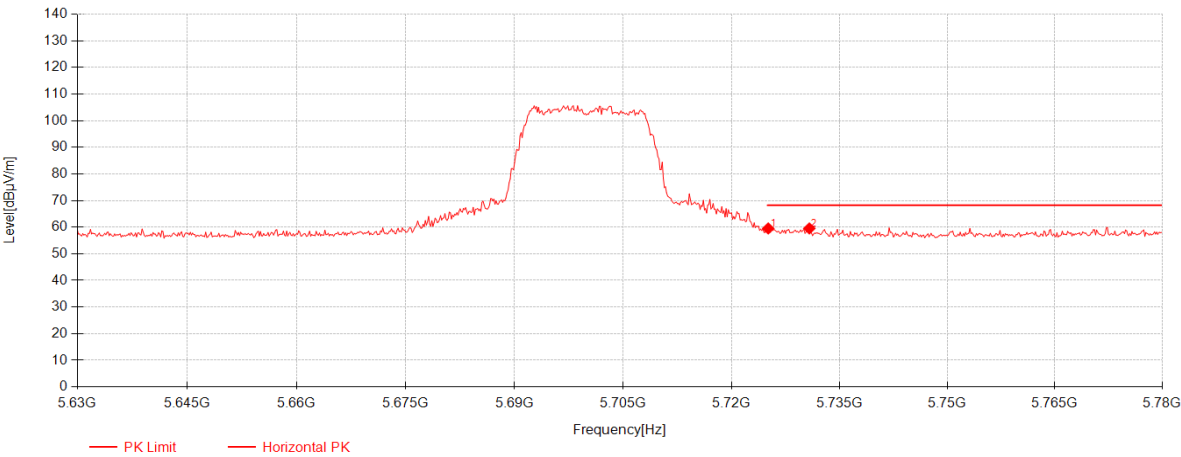
11a_TX_CH_100_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5444.43	25.86	32.47	-12.68	45.65	54.00	8.35	Vertical
2	5458.3	25.87	32.53	-12.61	45.79	54.00	8.21	Vertical

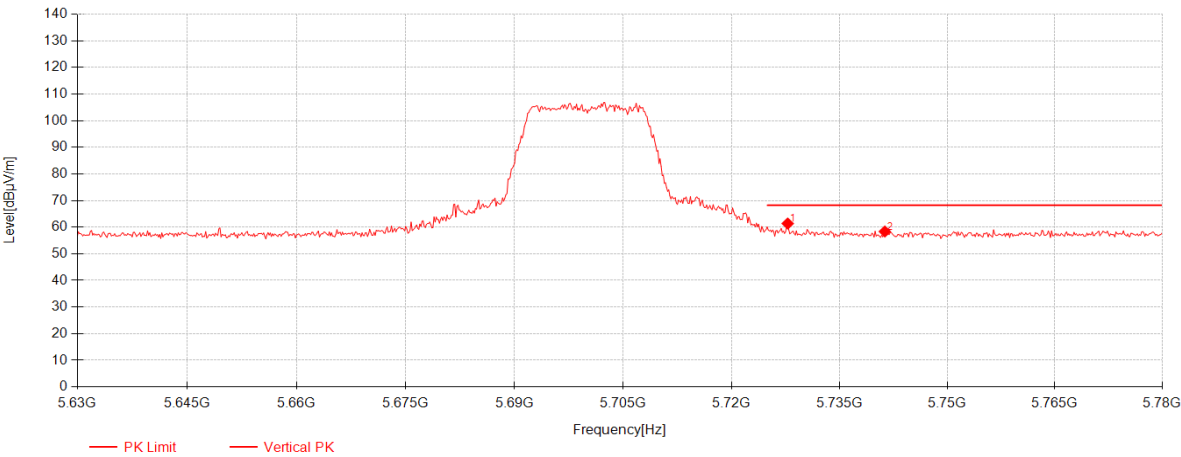


11a_TX_CH_140_Horizontal_Peak



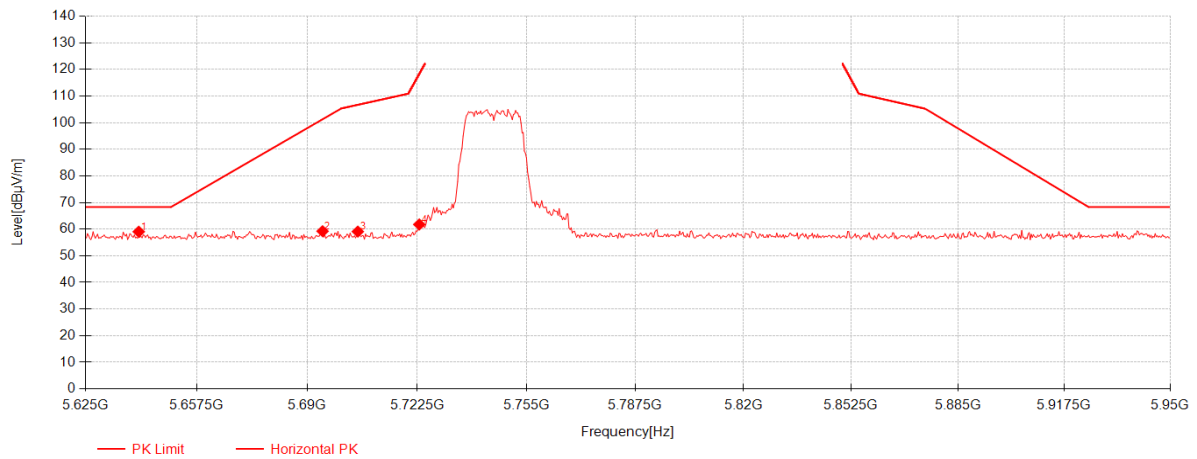
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.1	39.28	32.50	-12.26	59.52	68.20	8.68	Horizontal
2	5730.8	39.33	32.43	-12.24	59.52	68.20	8.68	Horizontal

11a_TX_CH_140_Vertical_Peak



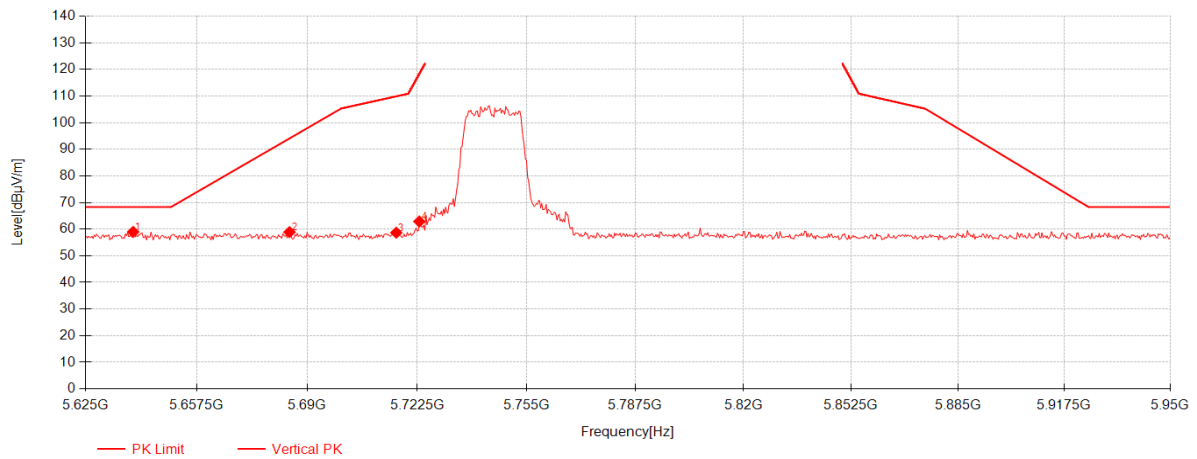
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5727.8	41.15	32.47	-12.25	61.37	68.20	6.83	Vertical
2	5741.3	38.29	32.30	-12.21	58.38	68.20	9.82	Vertical

11a_TX_CH_149_Horizontal_Peak



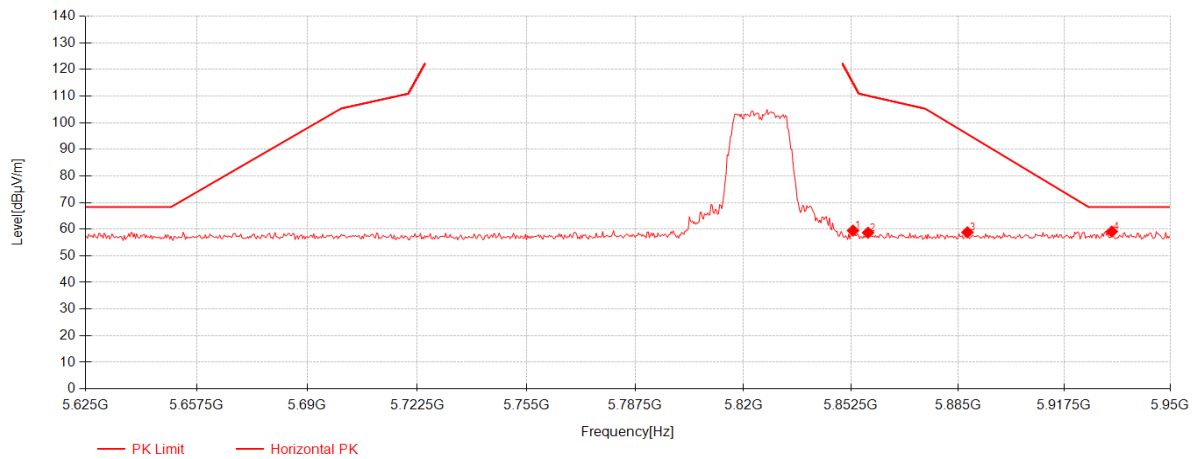
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5640.6	38.54	32.82	-12.31	59.05	68.30	9.25	Horizontal
2	5694.55	38.78	32.80	-12.35	59.23	101.28	42.05	Horizontal
3	5704.95	38.68	32.74	-12.33	59.09	106.69	47.60	Horizontal
4	5723.15	41.52	32.52	-12.27	61.77	118.08	56.31	Horizontal

11a_TX_CH_149_Vertical_Peak



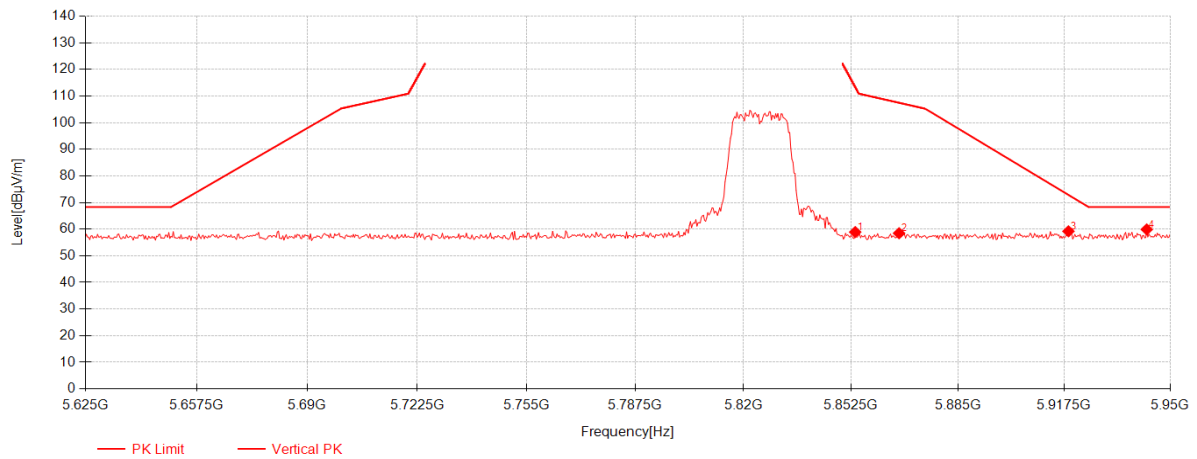
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5638.975	38.47	32.82	-12.31	58.98	68.30	9.32	Vertical
2	5684.8	38.44	32.80	-12.34	58.90	94.09	35.19	Vertical
3	5716.325	38.36	32.60	-12.29	58.67	109.87	51.20	Vertical
4	5723.15	42.63	32.52	-12.27	62.88	118.08	55.20	Vertical

11a_TX_CH_165_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.15	38.95	32.54	-12.03	59.46	115.12	55.66	Horizontal
2	5857.7	38.11	32.59	-12.03	58.67	110.14	51.47	Horizontal
3	5887.925	37.90	32.96	-12.05	58.81	95.71	36.90	Horizontal
4	5932.125	37.98	33.16	-12.01	59.13	68.30	9.17	Horizontal

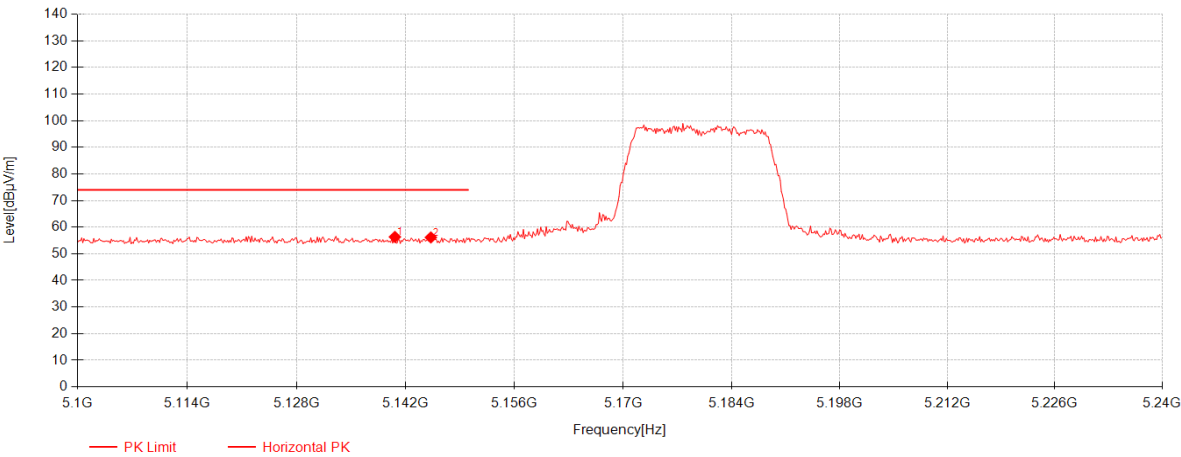
11a_TX_CH_165_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.8	38.39	32.55	-12.03	58.91	113.64	54.73	Vertical
2	5867.125	37.80	32.71	-12.04	58.47	107.50	49.03	Vertical
3	5918.8	38.09	33.14	-12.03	59.20	72.87	13.67	Vertical
4	5942.85	38.72	33.19	-12.00	59.91	68.30	8.39	Vertical

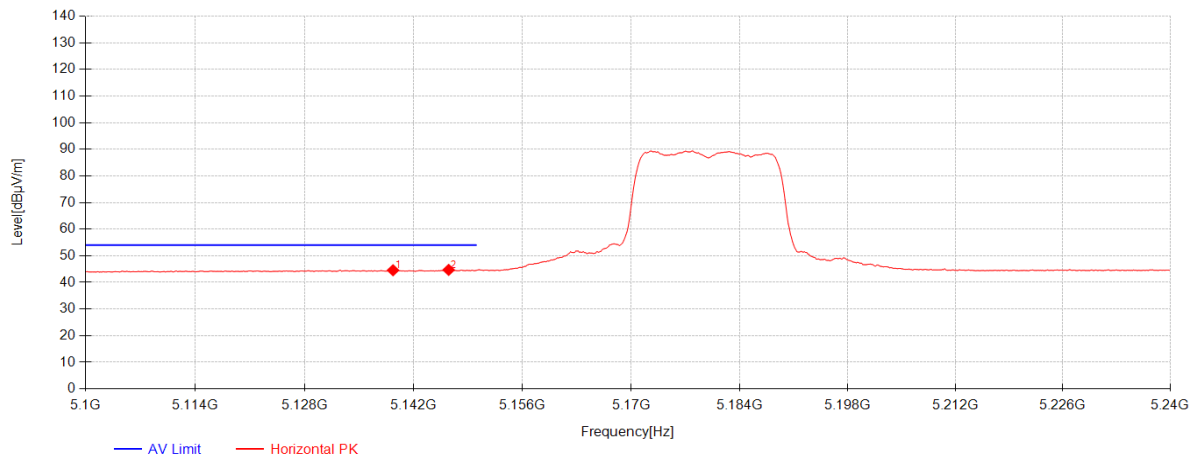


11ax(HE20)_TX_CH_36_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.6	37.36	32.04	-13.06	56.34	74.00	17.66	Horizontal
2	5145.22	37.13	32.07	-13.06	56.14	74.00	17.86	Horizontal

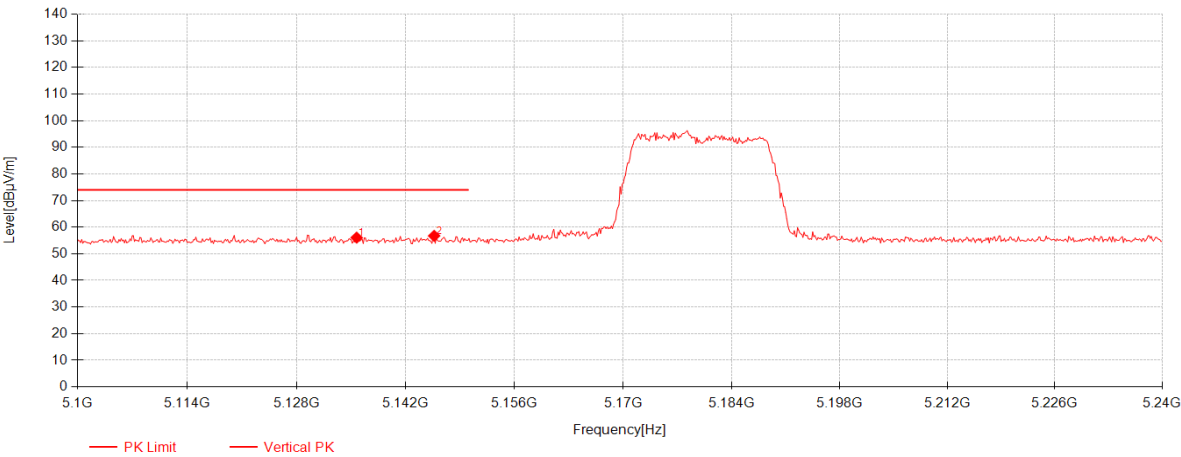
11ax(HE20)_TX_CH_36_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5139.34	25.58	32.04	-13.06	44.56	54.00	9.44	Horizontal
2	5146.48	25.68	32.08	-13.06	44.70	54.00	9.30	Horizontal

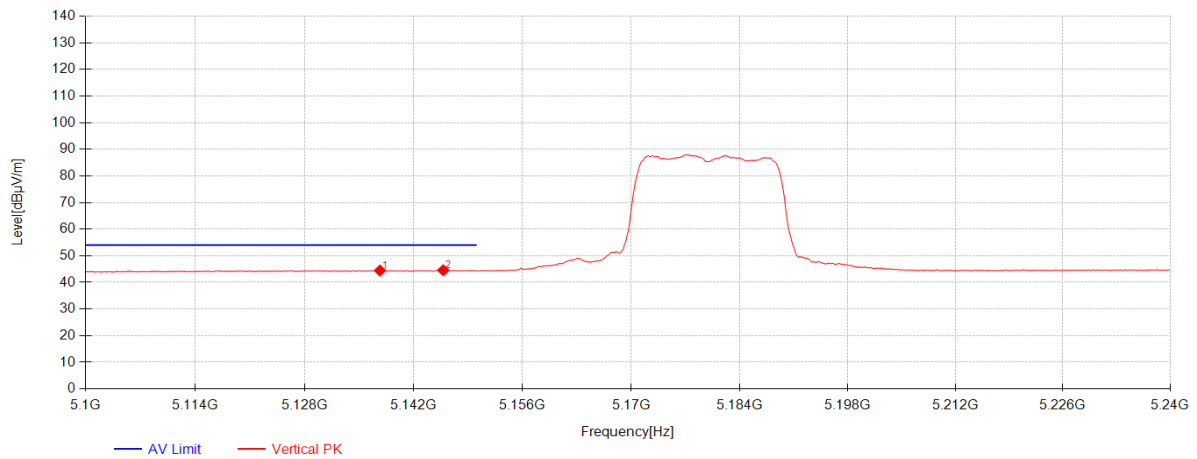


11ax(HE20)_TX_CH_36_Veritical_Peak



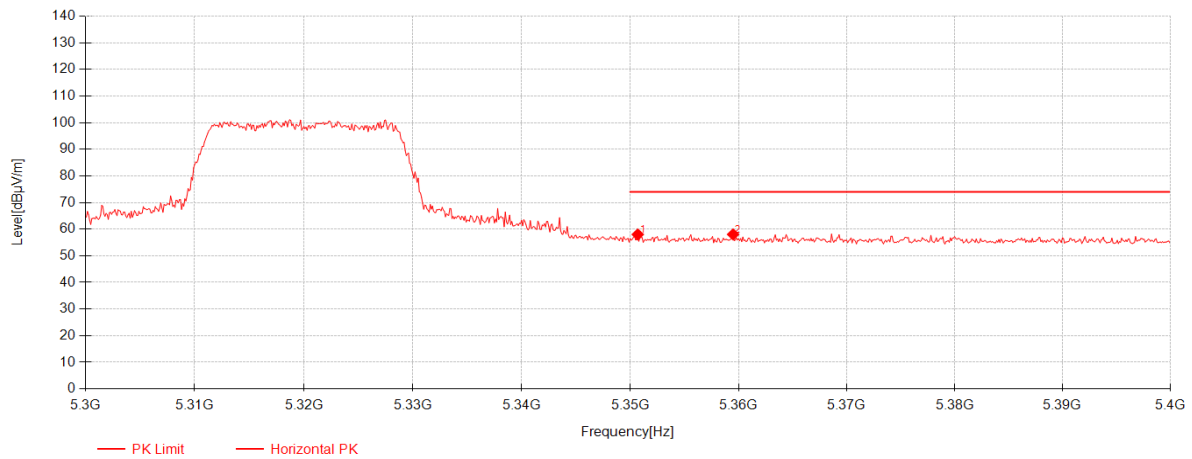
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5135.7	37.13	32.01	-13.07	56.07	74.00	17.93	Vertical
2	5145.64	37.74	32.07	-13.06	56.75	74.00	17.25	Vertical

11ax(HE20)_TX_CH_36_Veritical_Average



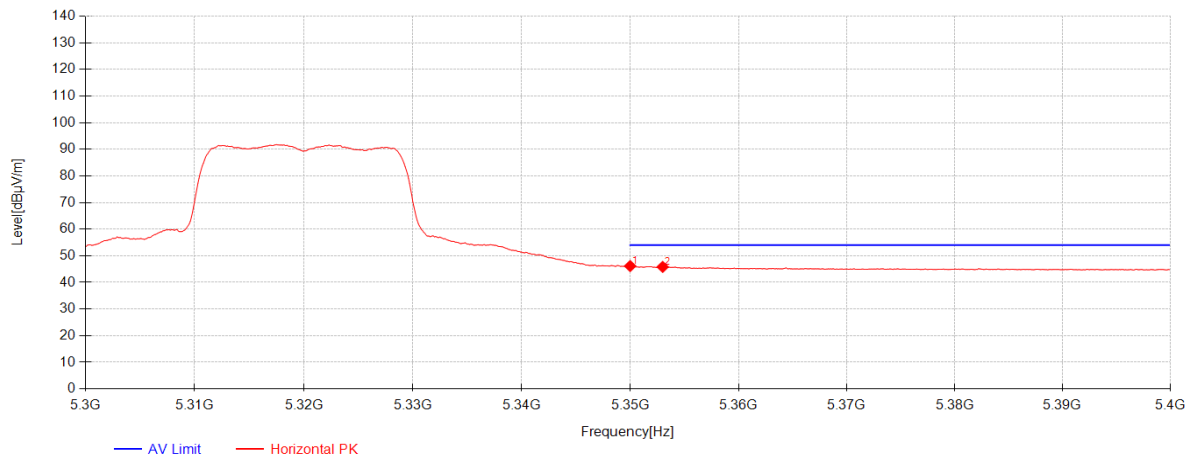
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5137.66	25.49	32.03	-13.06	44.46	54.00	9.54	Vertical
2	5145.78	25.55	32.07	-13.06	44.56	54.00	9.44	Vertical

11ax(HE20)_TX_CH_64_Horizontal_Peak



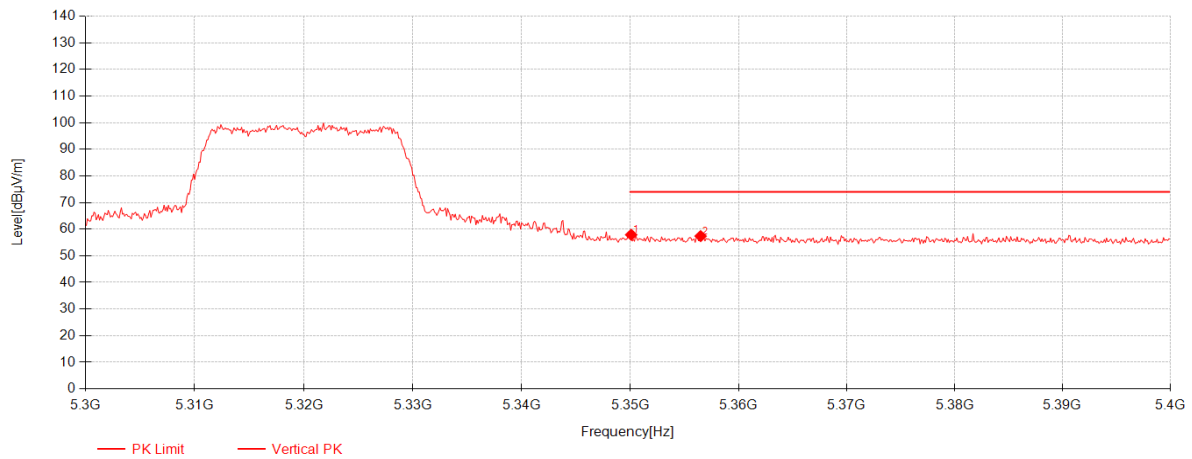
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.7	38.25	32.50	-12.73	58.02	74.00	15.98	Horizontal
2	5359.5	38.36	32.44	-12.76	58.04	74.00	15.96	Horizontal

11ax(HE20)_TX_CH_64_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350	26.37	32.50	-12.73	46.14	54.00	7.86	Horizontal
2	5353	26.07	32.48	-12.73	45.82	54.00	8.18	Horizontal

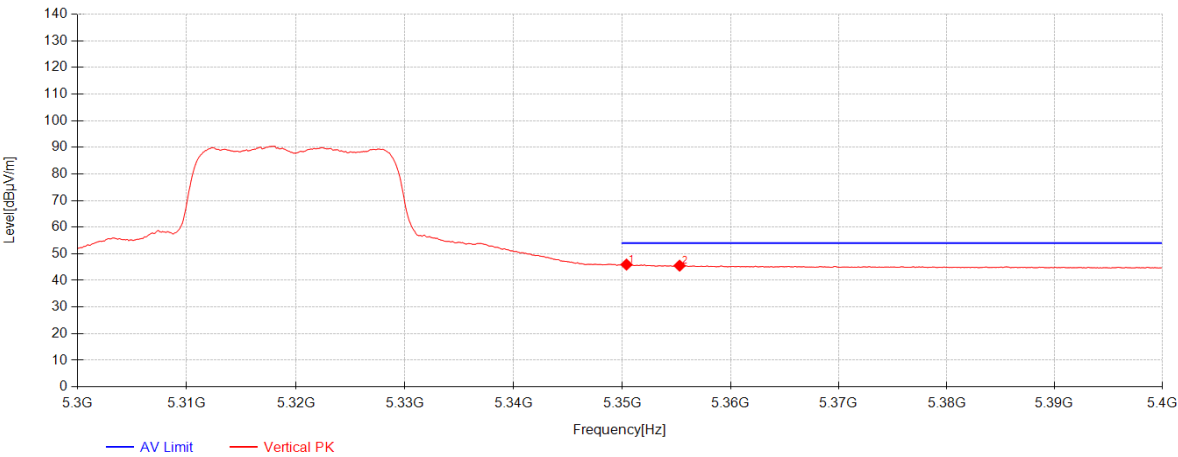
11ax(HE20)_TX_CH_64_Veritical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	38.13	32.50	-12.73	57.90	74.00	16.10	Vertical
2	5356.5	37.69	32.46	-12.75	57.40	74.00	16.60	Vertical

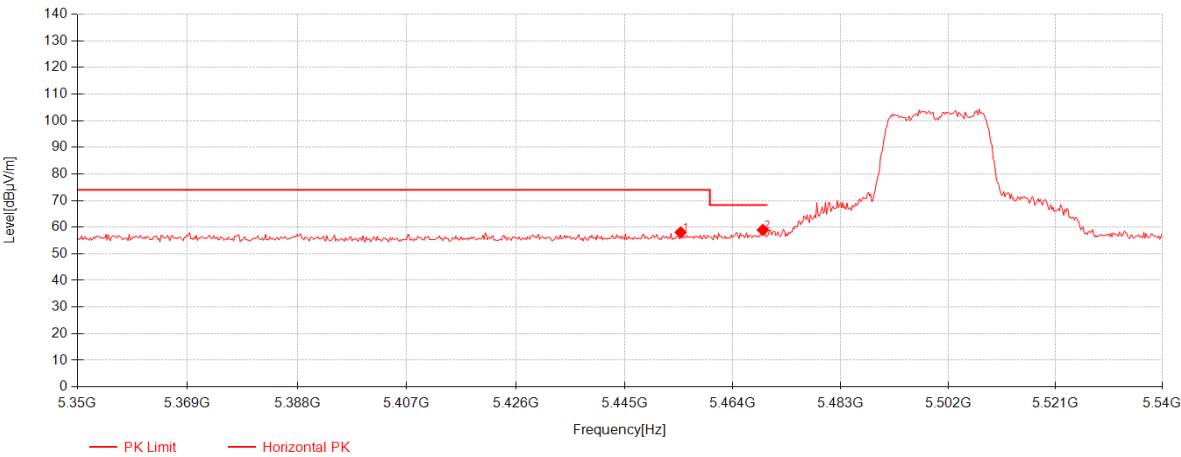


11ax(HE20)_TX_CH_64_Veritical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.4	26.19	32.50	-12.73	45.96	54.00	8.04	Vertical
2	5355.3	25.80	32.47	-12.74	45.53	54.00	8.47	Vertical

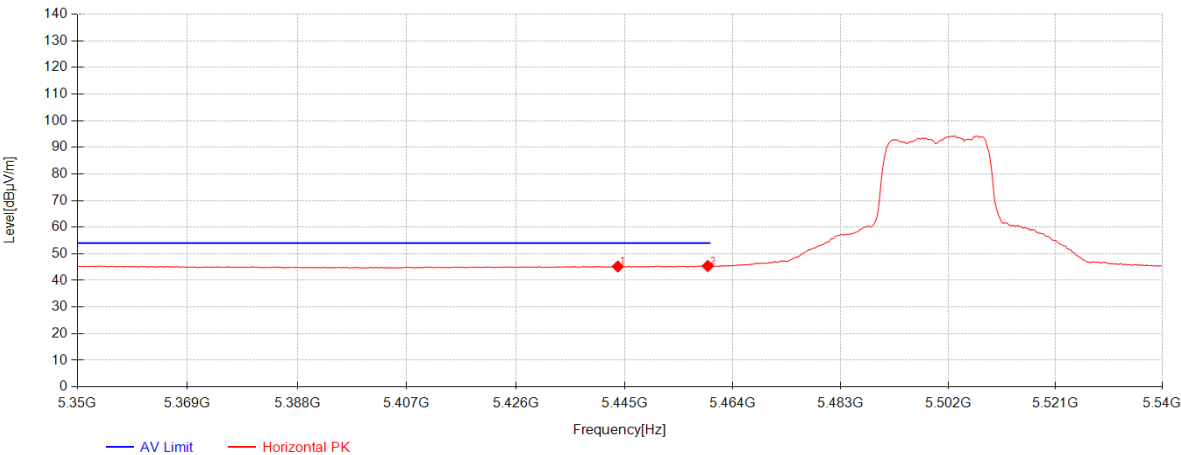
11ax(HE20)_TX_CH_100_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.88	38.17	32.52	-12.63	58.06	74.00	15.94	Horizontal
2	5469.32	38.94	32.58	-12.56	58.96	68.30	9.34	Horizontal

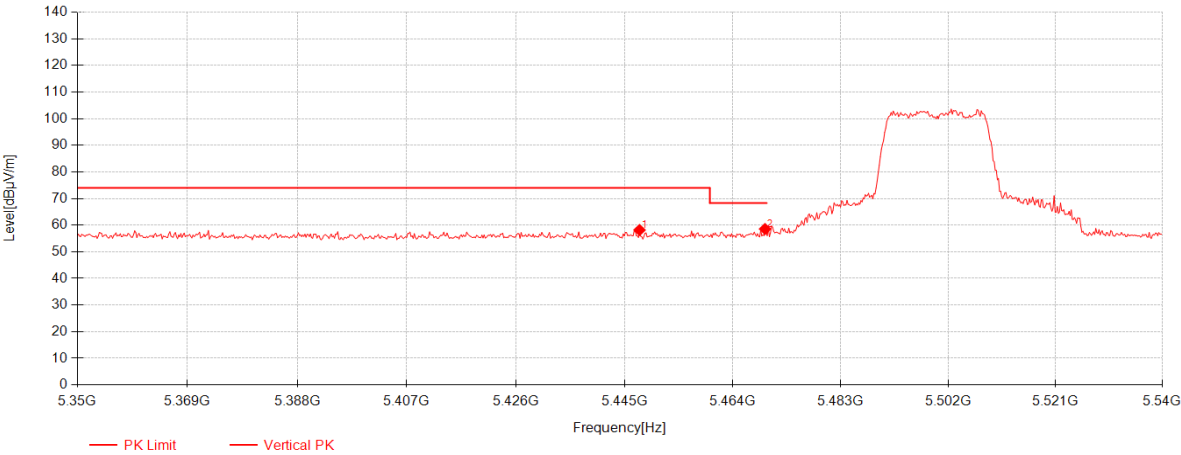


11ax(HE20)_TX_CH_100_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5443.86	25.45	32.46	-12.68	45.23	54.00	8.77	Horizontal
2	5459.63	25.47	32.54	-12.60	45.41	54.00	8.59	Horizontal

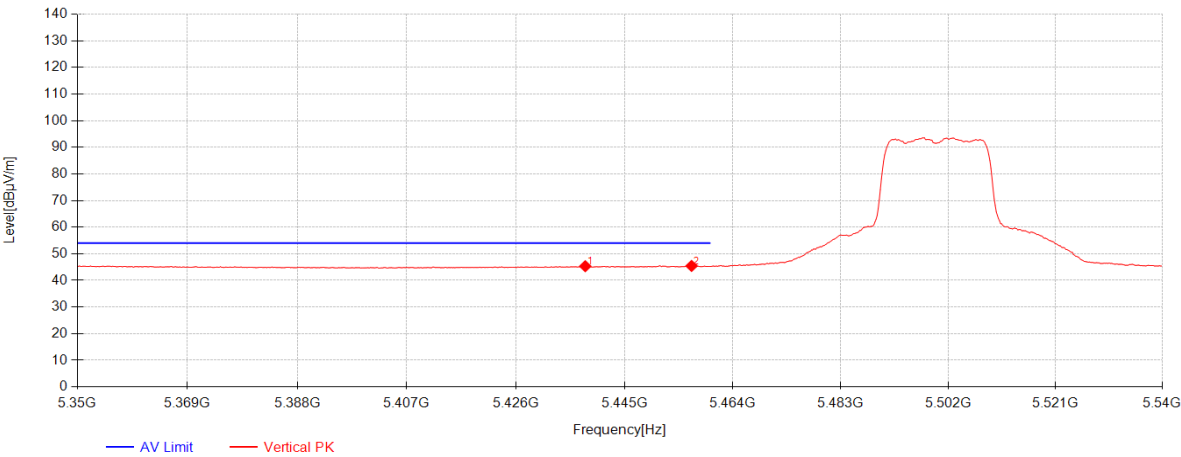
11ax(HE20)_TX_CH_100_Verical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5447.66	38.35	32.49	-12.66	58.18	74.00	15.82	Vertical
2	5469.7	38.54	32.58	-12.56	58.56	68.30	9.74	Vertical



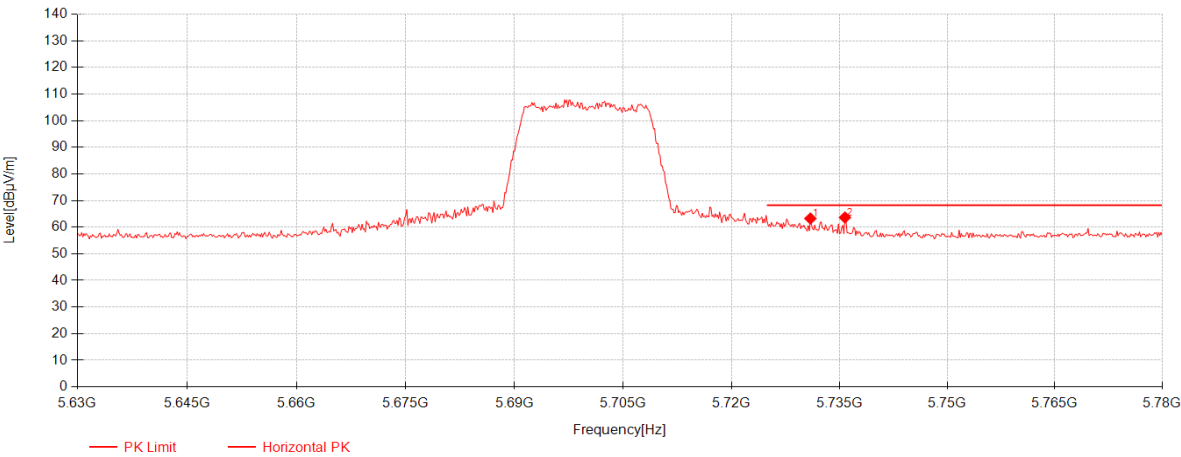
11ax(HE20)_TX_CH_100_Vetical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5438.16	25.62	32.43	-12.71	45.34	54.00	8.66	Vertical
2	5456.78	25.53	32.53	-12.62	45.44	54.00	8.56	Vertical



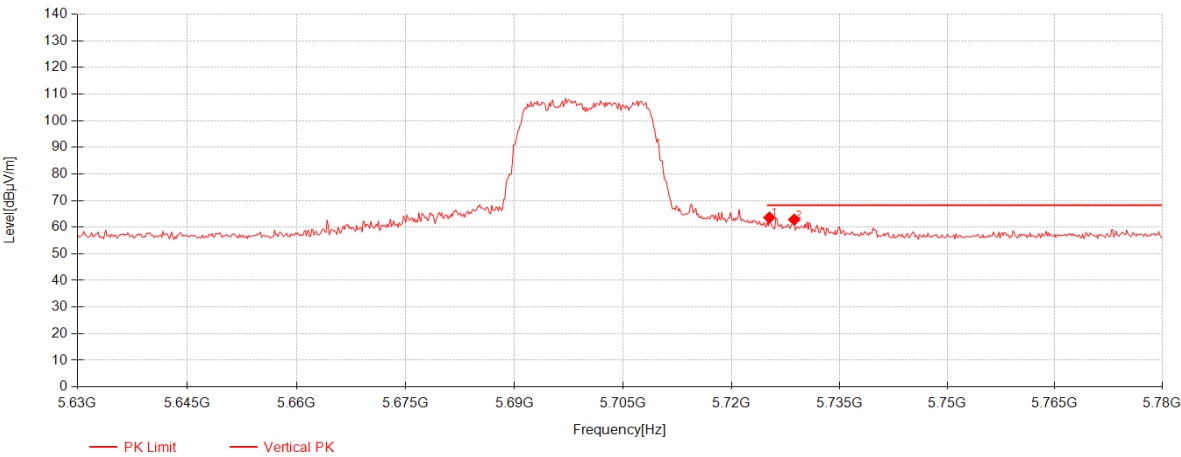
11ax(HE20)_TX_CH_140_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5730.95	43.06	32.43	-12.24	63.25	68.20	4.95	Horizontal
2	5735.75	43.48	32.37	-12.22	63.63	68.20	4.57	Horizontal

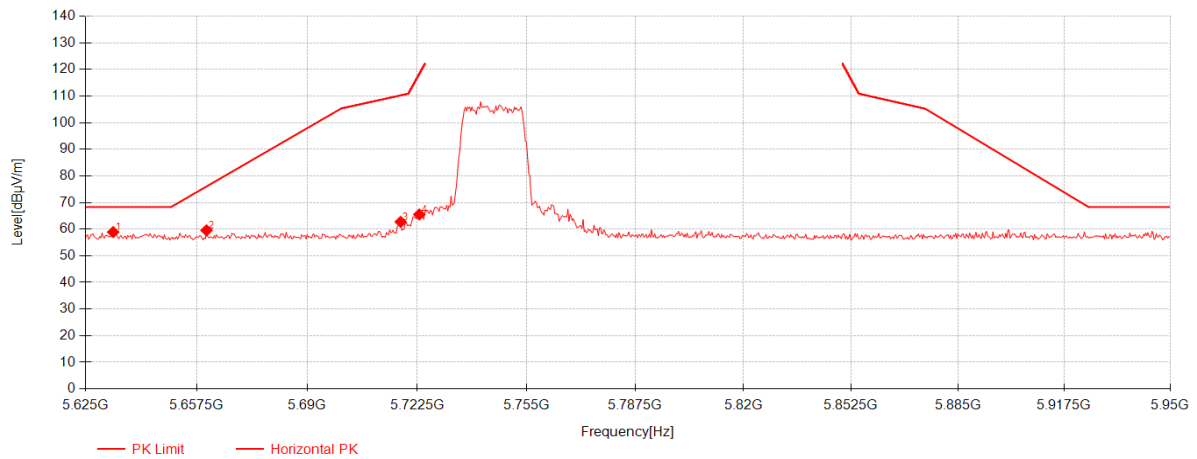


11ax(HE20)_TX_CH_140_Vertical_Peak



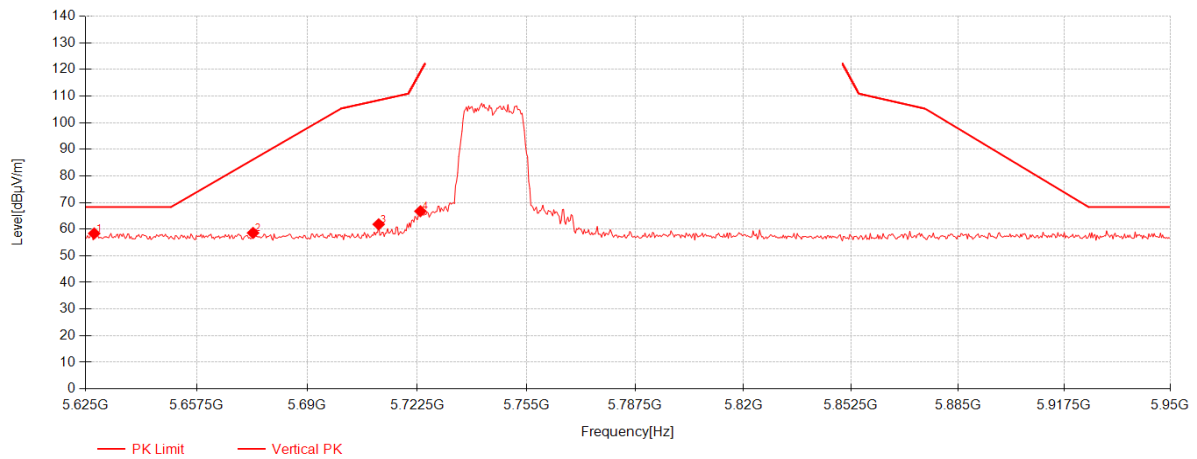
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.25	43.38	32.50	-12.26	63.62	68.20	4.58	Vertical
2	5728.7	42.63	32.46	-12.25	62.84	68.20	5.36	Vertical

11ax(HE20)_TX_CH_149_Horizontal_Peak



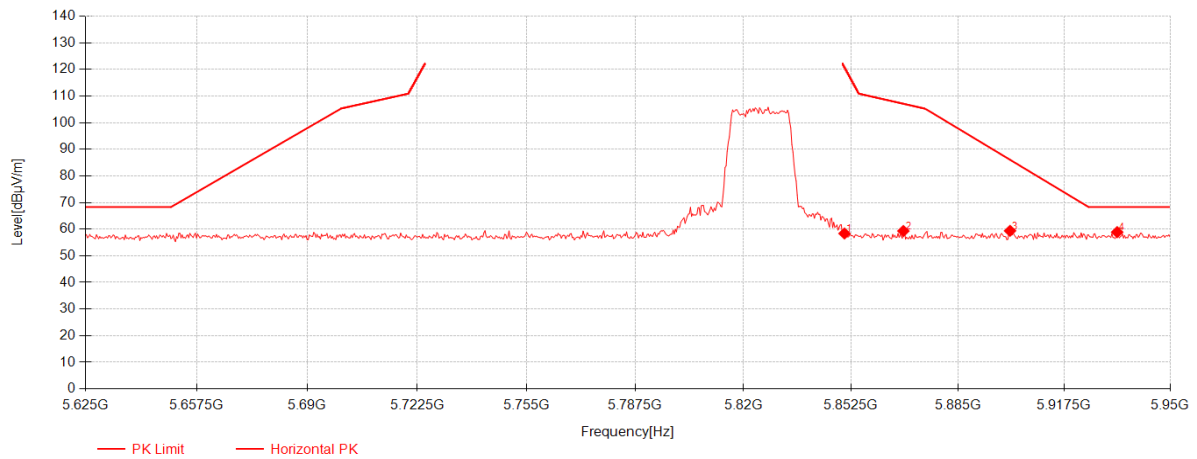
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5633.125	38.37	32.83	-12.30	58.90	68.30	9.40	Horizontal
2	5660.425	39.08	32.80	-12.32	59.56	76.04	16.48	Horizontal
3	5717.625	42.43	32.59	-12.29	62.73	110.24	47.51	Horizontal
4	5723.15	45.27	32.52	-12.27	65.52	118.08	52.56	Horizontal

11ax(HE20)_TX_CH_149_Verical_Peak



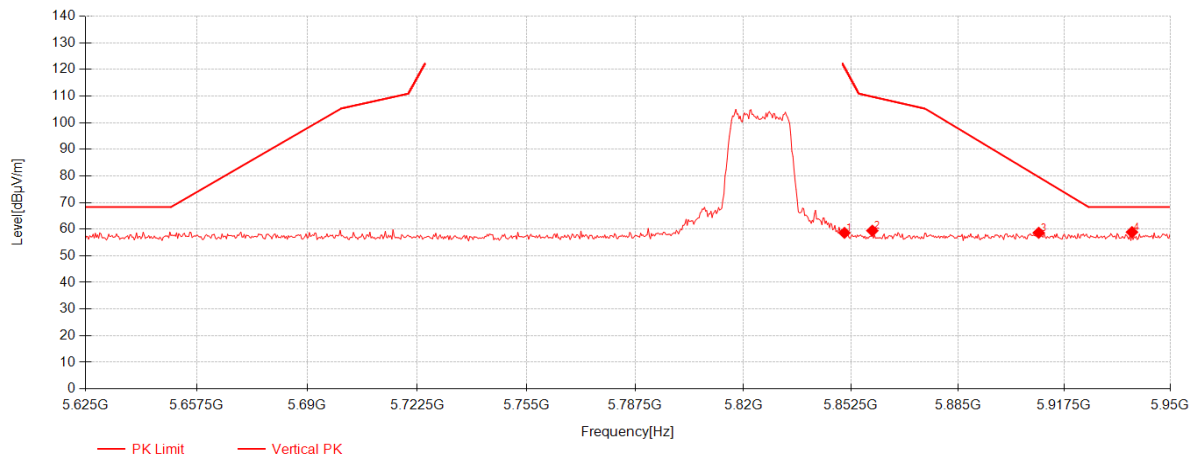
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5627.6	37.86	32.84	-12.30	58.40	68.30	9.90	Vertical
2	5674.075	38.12	32.80	-12.33	58.59	86.16	27.57	Vertical
3	5711.125	41.47	32.67	-12.31	61.83	108.42	46.59	Vertical
4	5723.475	46.49	32.52	-12.27	66.74	118.82	52.08	Vertical

11ax(HE20)_TX_CH_165_Horizontal_Peak



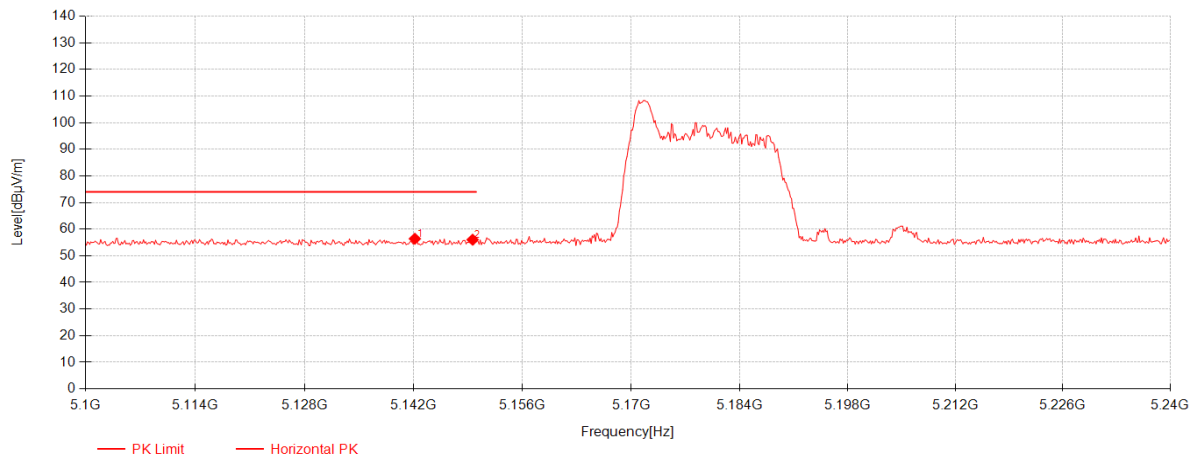
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5850.55	37.90	32.51	-12.03	58.38	121.05	62.67	Horizontal
2	5868.425	38.63	32.72	-12.04	59.31	107.14	47.83	Horizontal
3	5900.925	38.33	33.10	-12.06	59.37	86.08	26.71	Horizontal
4	5933.75	37.73	33.17	-12.01	58.89	68.30	9.41	Horizontal

11ax(HE20)_TX_CH_165_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5850.55	38.14	32.51	-12.03	58.62	121.05	62.43	Vertical
2	5859	38.86	32.61	-12.04	59.43	109.78	50.35	Vertical
3	5909.7	37.57	33.12	-12.05	58.64	79.59	20.95	Vertical
4	5938.3	37.71	33.18	-12.00	58.89	68.30	9.41	Vertical

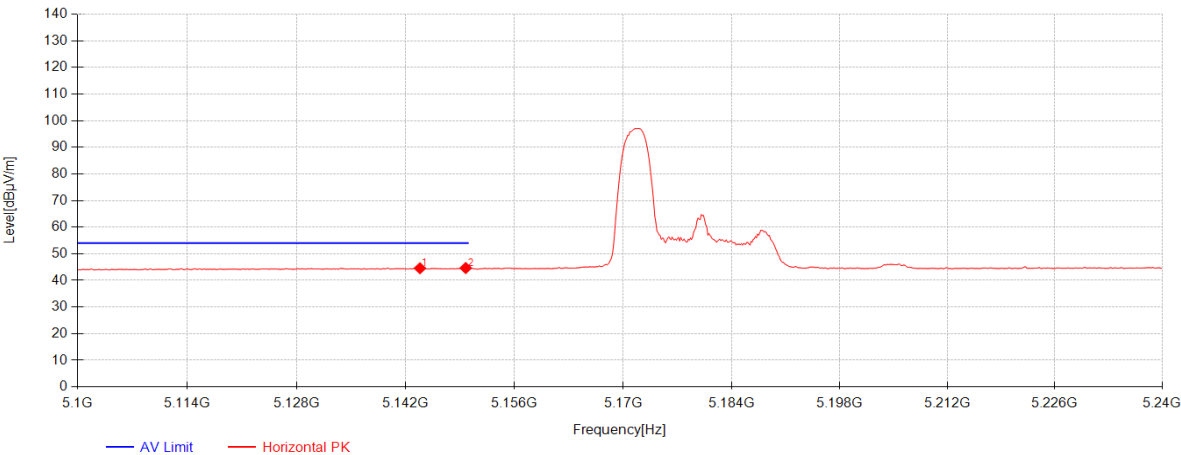
11ax(HE20)_TX_RU26_Left_CH_36_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.14	37.41	32.05	-13.06	56.40	74.00	17.60	Horizontal
2	5149.56	37.01	32.10	-13.06	56.05	74.00	17.95	Horizontal

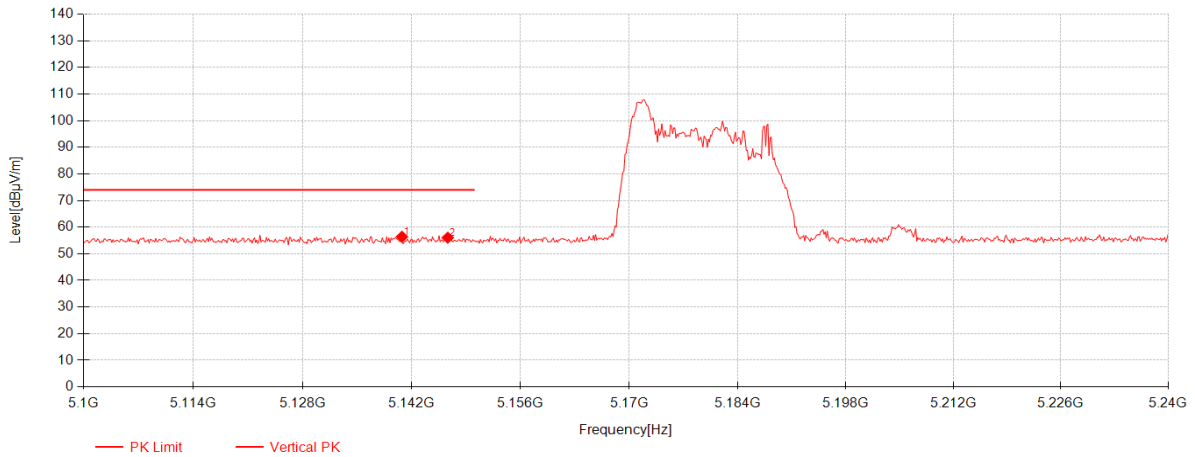


11ax(HE20)_TX_RU26_Left_CH_36_Horizontal_Average



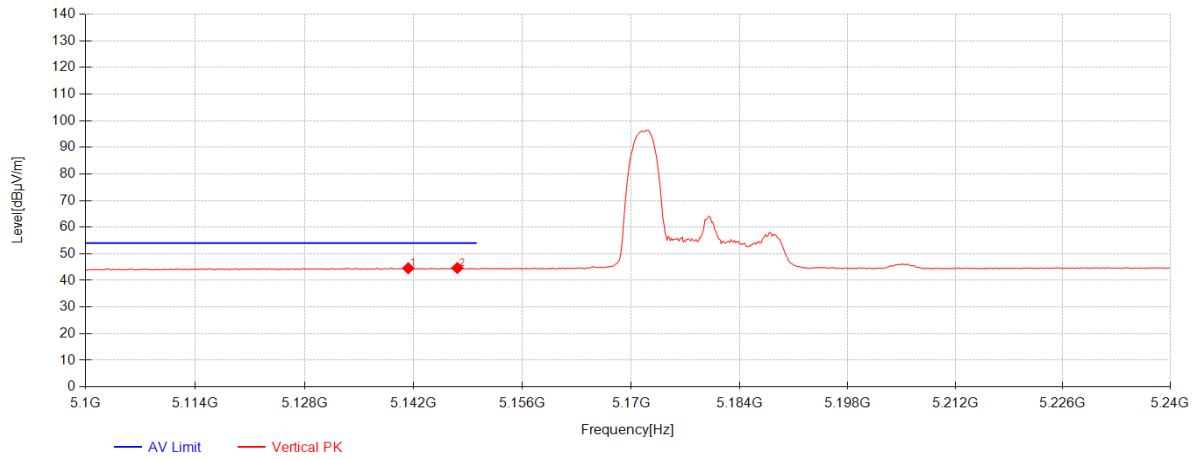
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.82	25.57	32.06	-13.06	44.57	54.00	9.43	Horizontal
2	5149.7	25.61	32.10	-13.06	44.65	54.00	9.35	Horizontal

11ax(HE20)_TX_RU26_Left_CH_36_Vertical_Peak



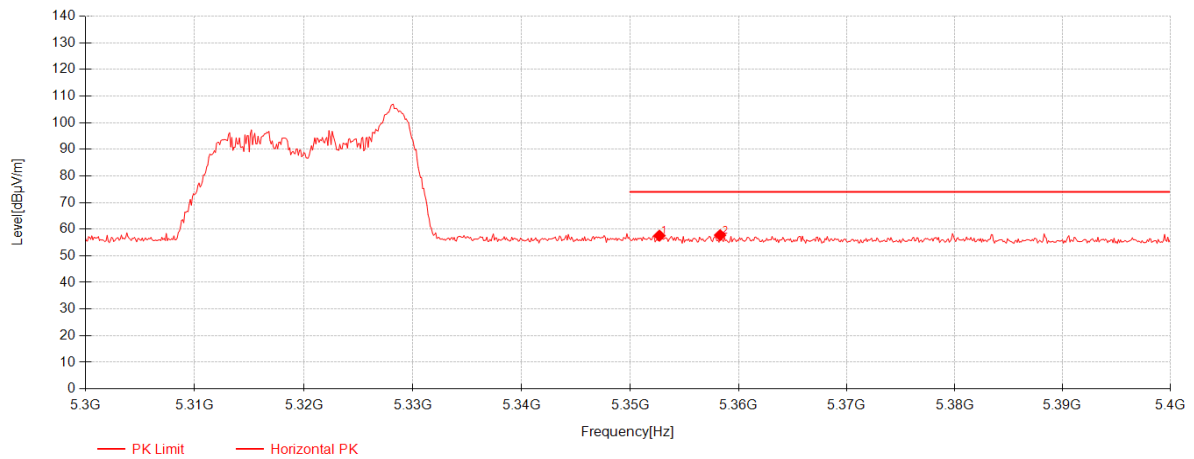
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.74	37.42	32.04	-13.06	56.40	74.00	17.60	Vertical
2	5146.62	37.04	32.08	-13.06	56.06	74.00	17.94	Vertical

11ax(HE20)_TX_RU26_Left_CH_36_Vertical_Average



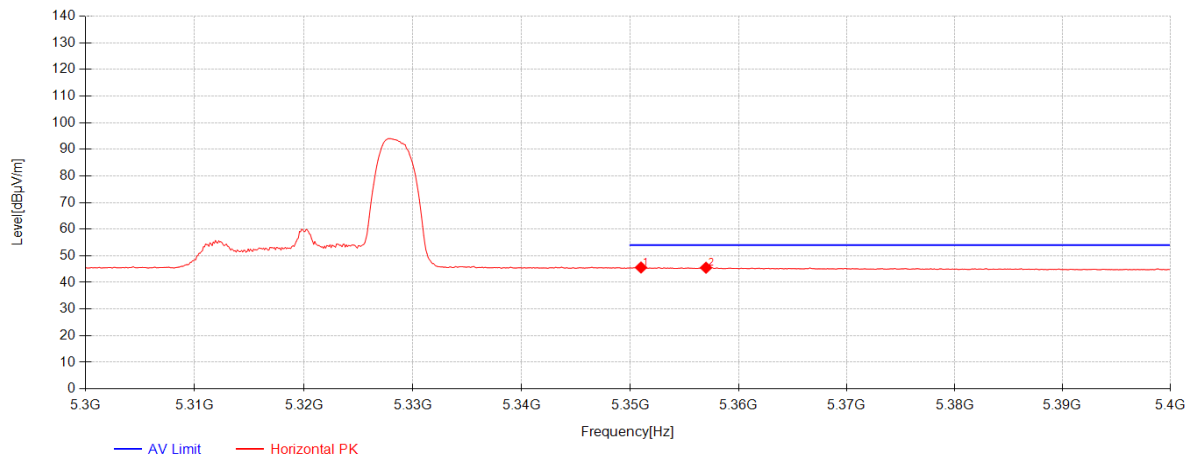
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.3	25.58	32.05	-13.06	44.57	54.00	9.43	Vertical
2	5147.6	25.63	32.09	-13.06	44.66	54.00	9.34	Vertical

11ax(HE20)_TX_RU26_Right_CH_64_Horizontal_Peak



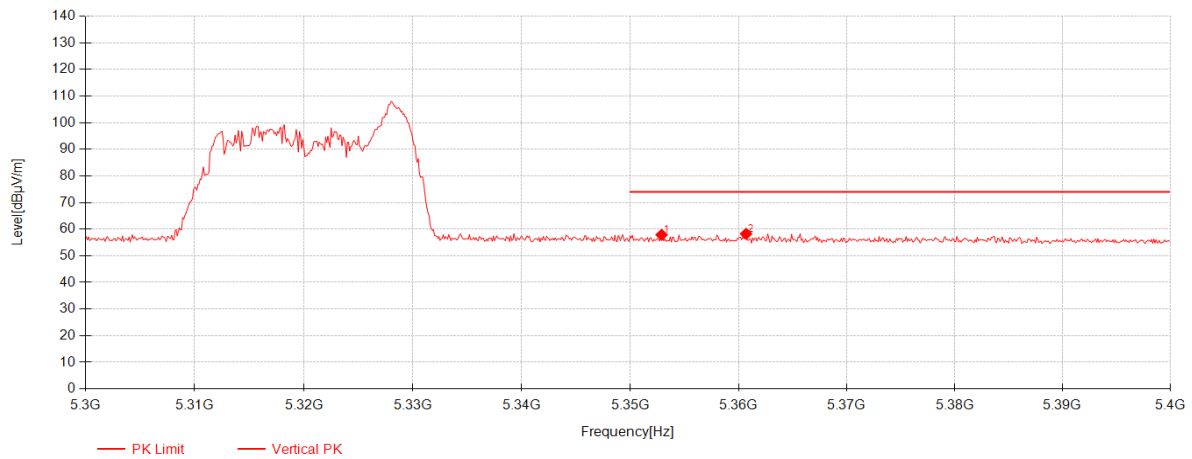
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5352.7	37.82	32.48	-12.73	57.57	74.00	16.43	Horizontal
2	5358.3	38.06	32.45	-12.75	57.76	74.00	16.24	Horizontal

11ax(HE20)_TX_RU26_Right_CH_64_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351	25.84	32.49	-12.73	45.60	54.00	8.40	Horizontal
2	5357	25.81	32.46	-12.75	45.52	54.00	8.48	Horizontal

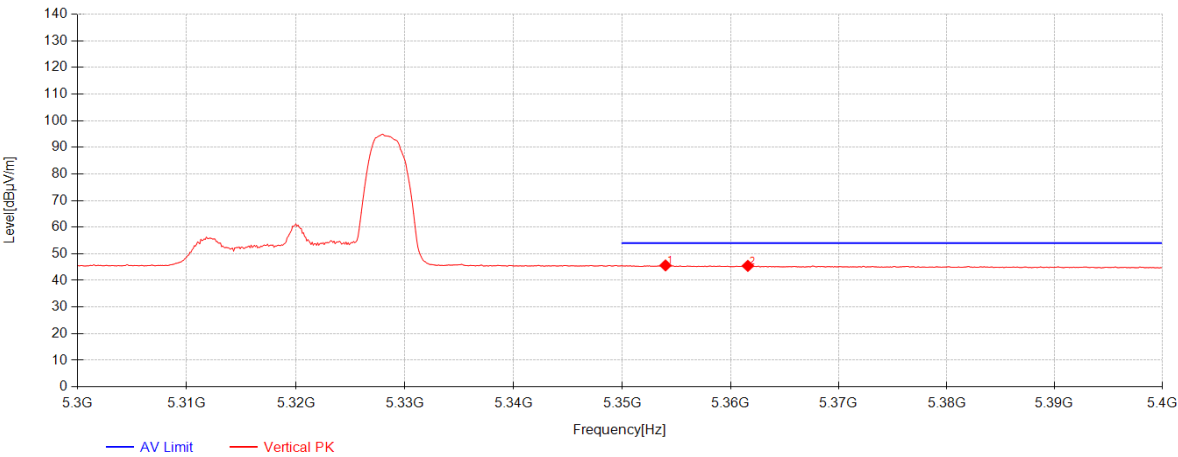
11ax(HE20)_TX_RU26_Right_CH_64_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5352.9	38.13	32.48	-12.73	57.88	74.00	16.12	Vertical
2	5360.7	38.57	32.44	-12.76	58.25	74.00	15.75	Vertical

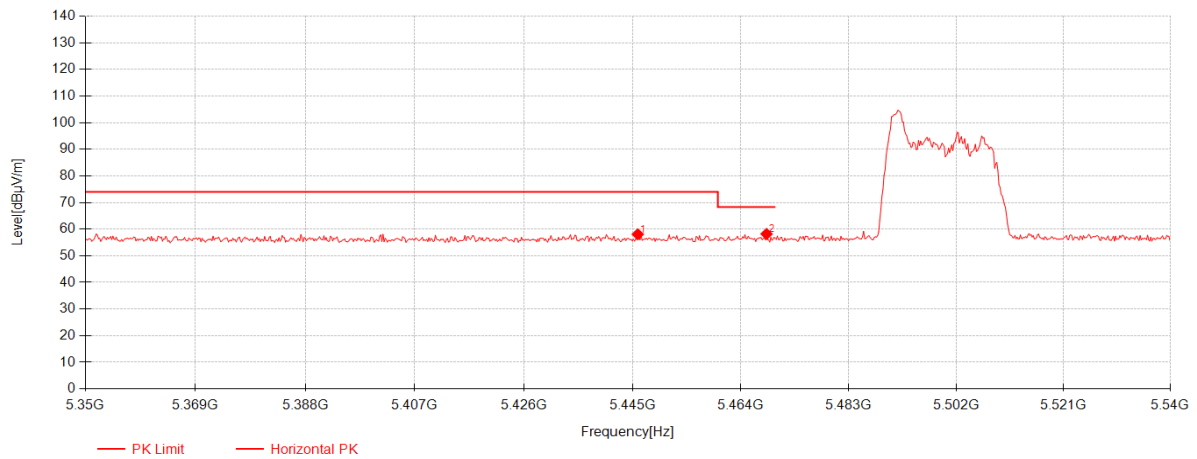


11ax(HE20)_TX_RU26_Right_CH_64_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5354	25.90	32.48	-12.74	45.64	54.00	8.36	Vertical
2	5361.6	25.78	32.43	-12.76	45.45	54.00	8.55	Vertical

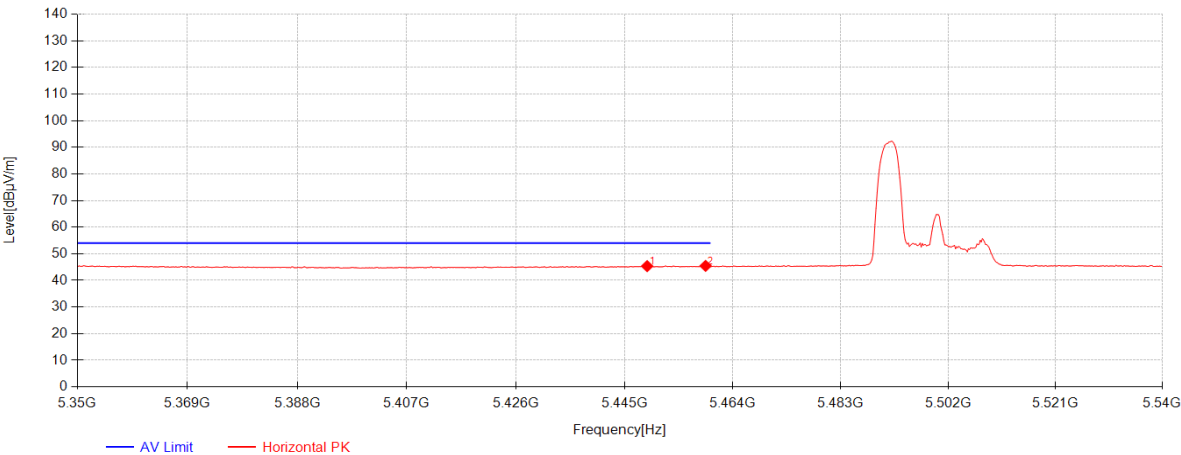
11ax(HE20)_TX_RU26_Left_CH_100_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5445.95	38.27	32.48	-12.67	58.08	74.00	15.92	Horizontal
2	5468.56	38.20	32.57	-12.56	58.21	68.30	10.09	Horizontal

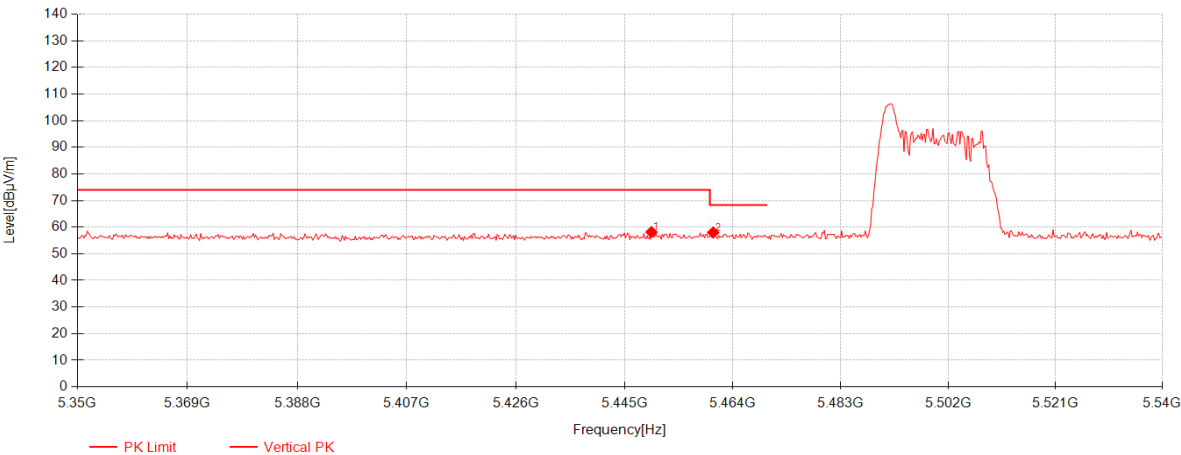


11ax(HE20)_TX_RU26_Left_CH_100_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5448.99	25.52	32.49	-12.65	45.36	54.00	8.64	Horizontal
2	5459.25	25.53	32.54	-12.61	45.46	54.00	8.54	Horizontal

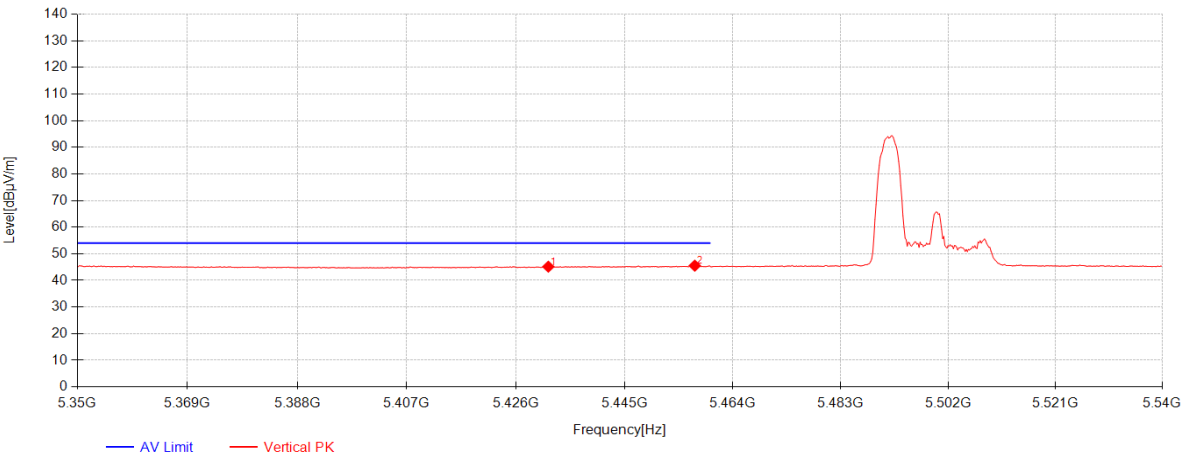
11ax(HE20)_TX_RU26_Left_CH_100_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5449.75	38.32	32.50	-12.65	58.17	74.00	15.83	Vertical
2	5460.58	38.06	32.54	-12.60	58.00	68.30	10.30	Vertical

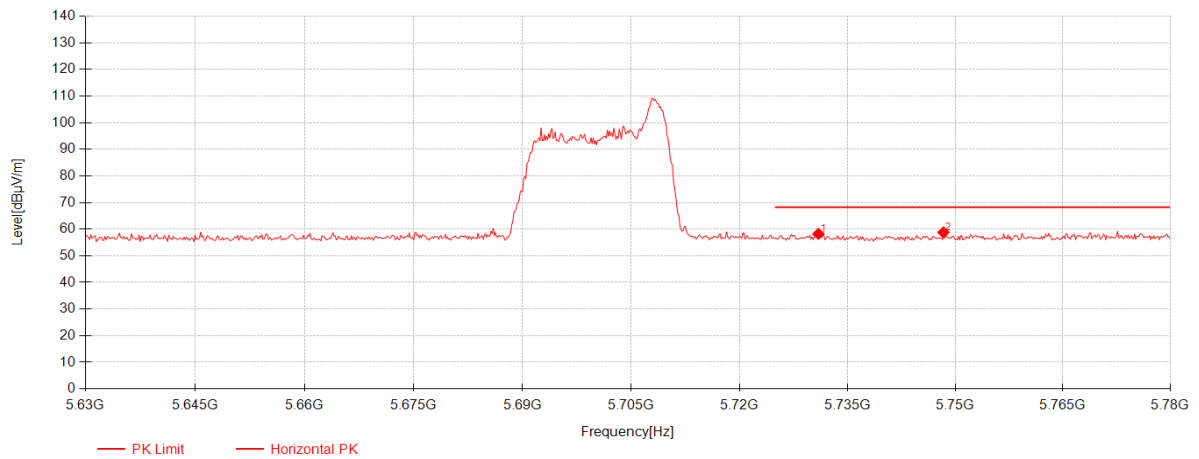


11ax(HE20)_TX_RU26_Left_CH_100_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5431.7	25.52	32.39	-12.74	45.17	54.00	8.83	Vertical
2	5457.35	25.62	32.53	-12.61	45.54	54.00	8.46	Vertical

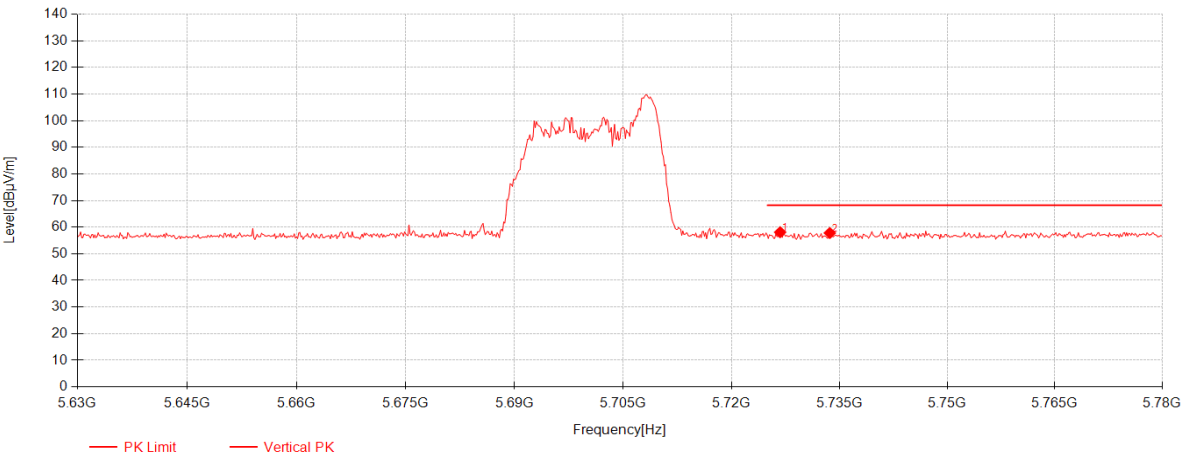
11ax(HE20)_TX_RU26_Right_CH_140_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5730.95	38.04	32.43	-12.24	58.23	68.20	9.97	Horizontal
2	5748.35	38.76	32.22	-12.18	58.80	68.20	9.40	Horizontal

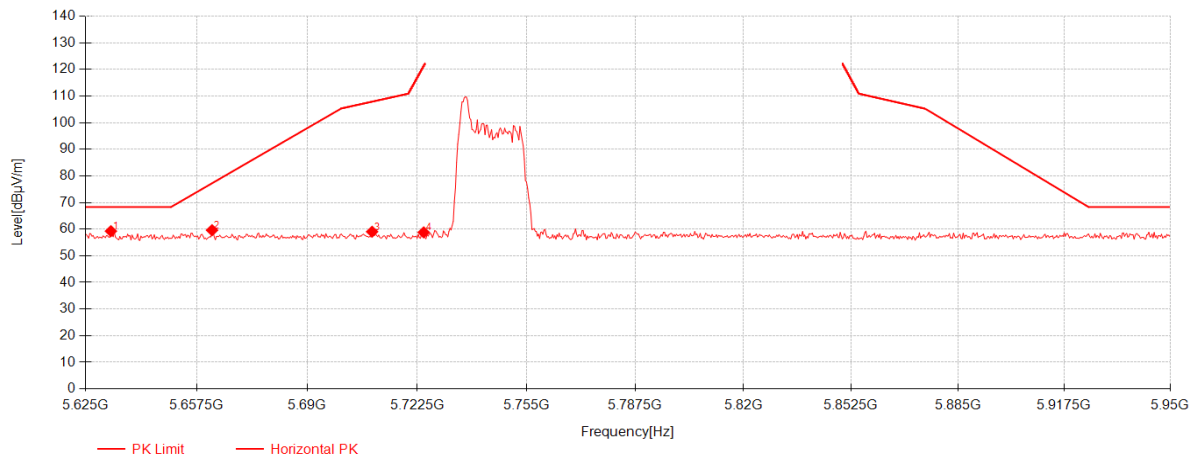


11ax(HE20)_TX_RU26_Right_CH_140_Vertical_Peak



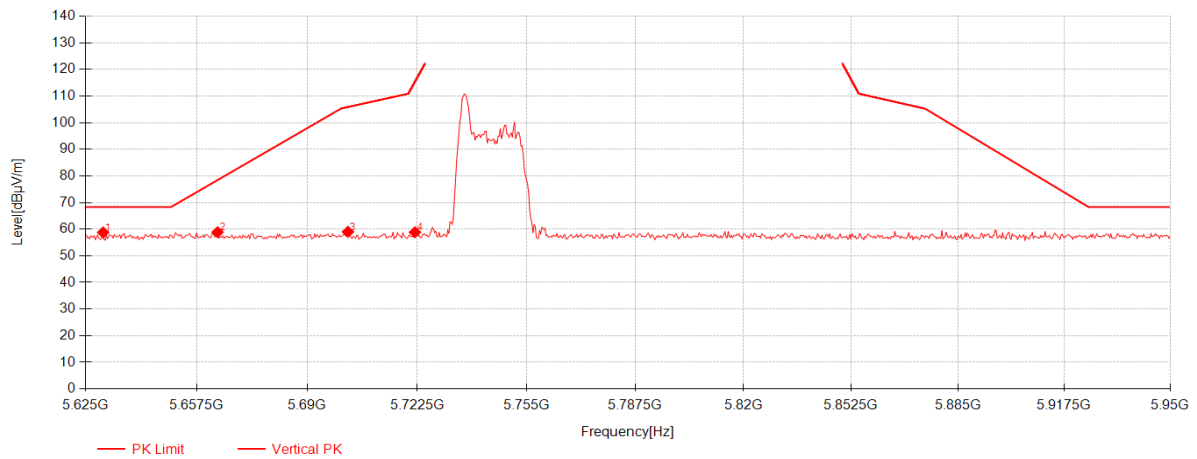
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5726.75	37.89	32.48	-12.26	58.11	68.20	10.09	Vertical
2	5733.65	37.64	32.40	-12.23	57.81	68.20	10.39	Vertical

11ax(HE20)_TX_RU26_Left_CH_149_Horizontal_Peak



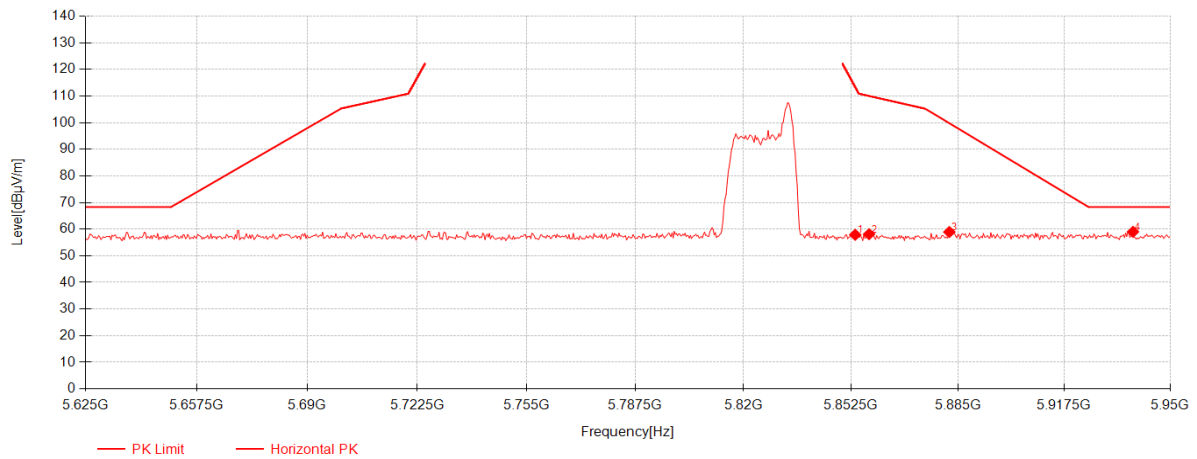
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5632.475	38.73	32.84	-12.30	59.27	68.30	9.03	Horizontal
2	5662.05	39.13	32.80	-12.32	59.61	77.25	17.64	Horizontal
3	5709.175	38.68	32.69	-12.32	59.05	107.87	48.82	Horizontal
4	5724.45	38.55	32.51	-12.26	58.80	121.05	62.25	Horizontal

11ax(HE20)_TX_RU26_Left_CH_149_Vertical_Peak



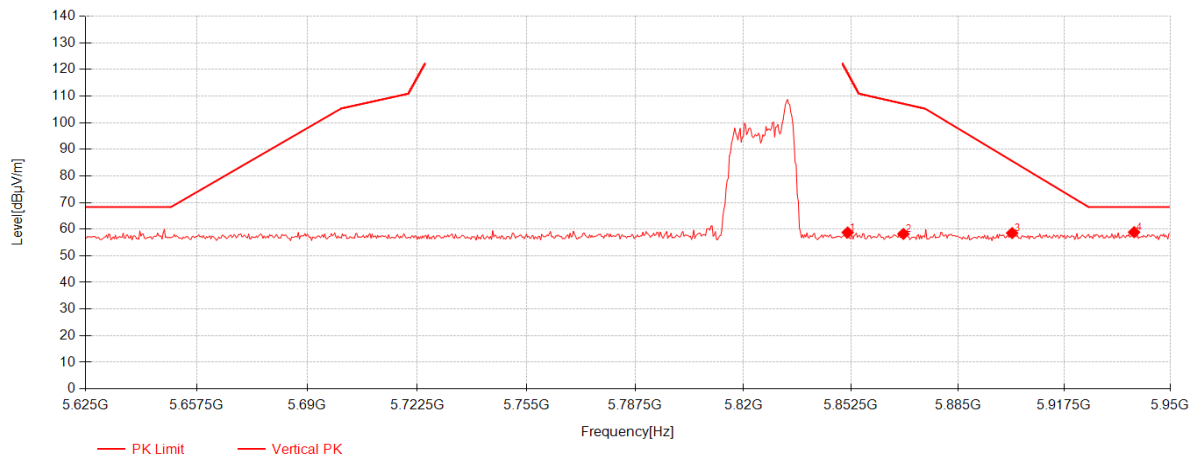
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5630.2	38.22	32.84	-12.30	58.76	68.30	9.54	Vertical
2	5663.675	38.39	32.80	-12.32	58.87	78.45	19.58	Vertical
3	5702.025	38.56	32.78	-12.34	59.00	105.87	46.87	Vertical
4	5721.85	38.57	32.54	-12.27	58.84	115.12	56.28	Vertical

11ax(HE20)_TX_RU26_Right_CH_165_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.8	37.37	32.55	-12.03	57.89	113.64	55.75	Horizontal
2	5858.025	37.56	32.60	-12.03	58.13	110.05	51.92	Horizontal
3	5882.4	38.08	32.89	-12.05	58.92	99.80	40.88	Horizontal
4	5938.625	37.82	33.18	-12.00	59.00	68.30	9.30	Horizontal

11ax(HE20)_TX_RU26_Right_CH_165_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.525	38.27	32.52	-12.03	58.76	118.82	60.06	Vertical
2	5868.425	37.54	32.72	-12.04	58.22	107.14	48.92	Vertical
3	5901.575	37.50	33.10	-12.06	58.54	85.60	27.06	Vertical
4	5938.95	37.70	33.18	-12.00	58.88	68.30	9.42	Vertical

7.5 Duty Cycle

Test Requirement ANSI C63.10 (2020) Section 12.2

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

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.7 °C

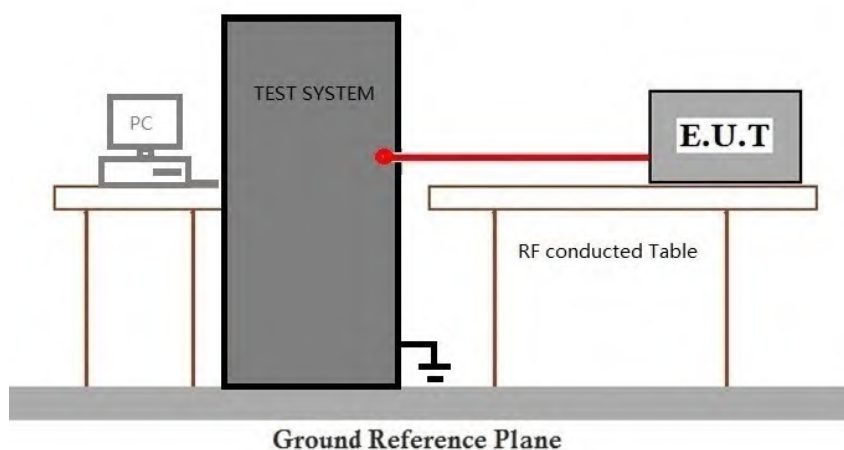
Humidity: 54.7 % RH

Atmospheric Pressure: 1001 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.6 99% Bandwidth

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

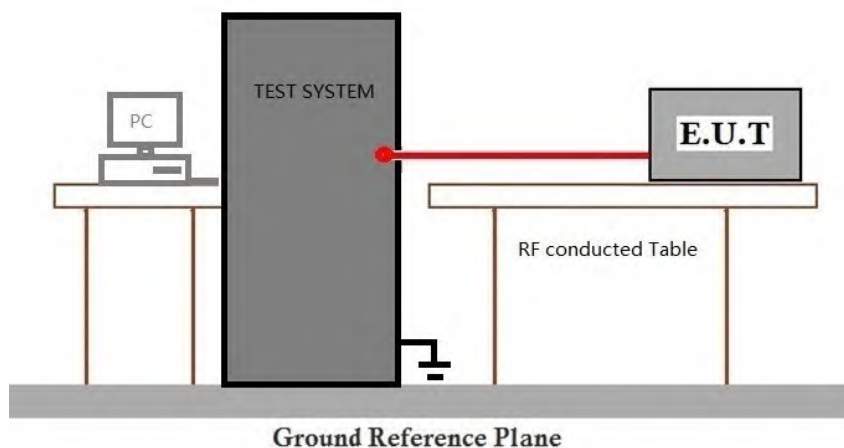
7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 22.7 °C Humidity: 54.7 % RH Atmospheric Pressure: 1001 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 26dB Emission Bandwidth

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

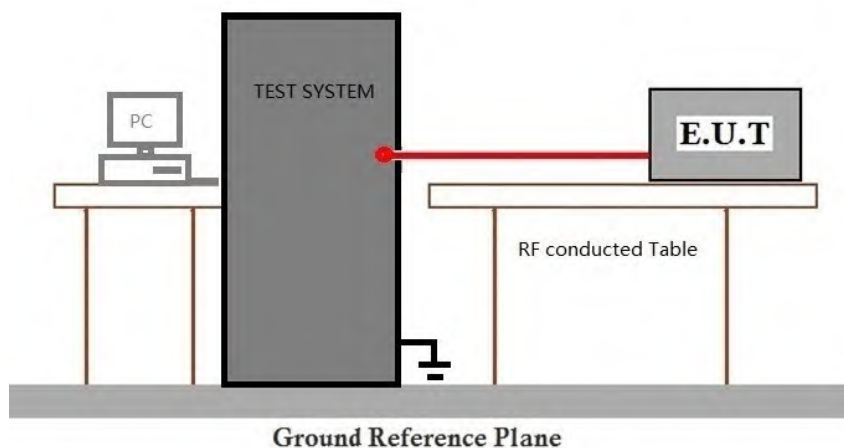
7.7.1 E.U.T. Operation

Operating Environment:
Temperature: 22.7 °C Humidity: 54.7 % RH Atmospheric Pressure: 1001 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details