

TEST REPORT

Application No.: SUCR2604000323AT
FCC ID: 2BEWXTPL07M2
Applicant: Zhejiang Lingzhu Technology Co., Ltd.
Address of Applicant: Room 302, No 1 Building Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China
Manufacturer: Zhejiang Lingzhu Technology Co., Ltd.
Address of Manufacturer: Room 302, No 1 Building Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China
Equipment Under Test (EUT):
EUT Name: Smart Control Panel 7Pro+
Model No.: TPL07-M2, TPL07-M2+ ♣
♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-04-08
Date of Test: 2026-05-11 to 2026-05-27
Date of Issue: 2026-06-02

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

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-06-02	/

Authorized for issue by:				
Prepared By		Hayley Zhang		
		Hayley_Zhang/Project Engineer		
Approved By		Cedar cheng		
		Cedar Cheng /Reviewer		

2 Test Summary

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

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10-2020/Cor1-2023 Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020/Cor1-2023 Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10-2020/Cor1-2023 Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10-2020/Cor1-2023 Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10-2020/Cor1-2023 Section 12.2	ANSI C63.10-2020/Cor1-2023 Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020/Cor1-2023 Section 12.5.3	ANSI C63.10-2020/Cor1-2023 Section 12.5.3	Pass
26dB Emission Bandwidth		ANSI C63.10-2020/Cor1-2023 Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)		ANSI C63.10-2020/Cor1-2023 Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted Output Power		ANSI C63.10-2020/Cor1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10-2020/Cor1-2023 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

Declaration of EUT Family Grouping:

Note: There are series models mentioned in this report, and they are identical in electrical and electronic characters. Only the model TPL07-M2 was tested according to the declaration letter from client.

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4 General Information

4.1 Details of E.U.T.

Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Channel Spacing:	802.11a/n 20: 20MHz; 802.11n 40: 40MHz
DFS Function:	Slave without Radar detection
TPC Function:	Support TPC function
Antenna Type:	LDS Antenna
Antenna Gain:	ANT4: U-NII-1:0.80dBi;U-NII-2A:0.62dBi;U-NII-2C:0.91dBi; U-NII-3:0.92dBi (Provided by the manufacturer)

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	43-57.5%	
Value	Temperature(°C)	Voltage(V)
NTNV	24-27.7	120
Note: NV:Normal Voltage LV:Low Extreme Test Voltage		

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
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The EUT has been tested as an independent unit.			

4.4 Measurement Uncertainty & Decision Rule

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

4.5 Test Location

All tests were performed at:

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

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

No tests were sub-contracted.

Note:

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

4.6 Test Facility

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

• **A2LA (Certificate No. 6336.01)**

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

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

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

• **ISED (CAB Identifier: CN0120)**

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

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
2	LISN	R&S	ENV216	SUWI-01-19-03	4/22/2026	4/21/2027
3	LISN	Schwarzbeck	ENV216	SUWI-01-19-04	4/22/2026	4/21/2027
4	Test Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	N.C.R	N.C.R
5	Test Cable	Tonscend	NA	SUWI-01-03-04	4/22/2026	4/21/2027
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	4/22/2026	4/21/2027
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	5/7/2026	5/6/2027
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-01-02-07	11/20/2025	11/19/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027

5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	11/29/2025	11/28/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027
13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	8/25/2025	8/24/2026
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-06	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

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 LDS Antenna and no consideration of replacement. The best case gain of the U-NII-1:0.80dBi;U-NII-2A:0.62dBi;U-NII-2C:0.91dBi;U-NII-3:0.92dBi;

Antenna location: Refer to internal photo.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

6.2.2 Conclusion Standard Requirement: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met. EUT Details: WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

7 Radio Spectrum Matter Test Results

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

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

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.2

Limit:

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

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

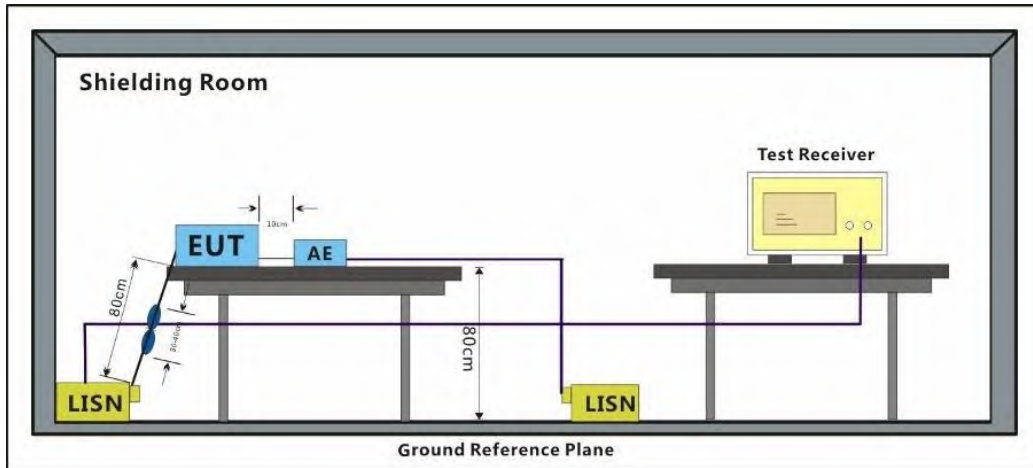
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



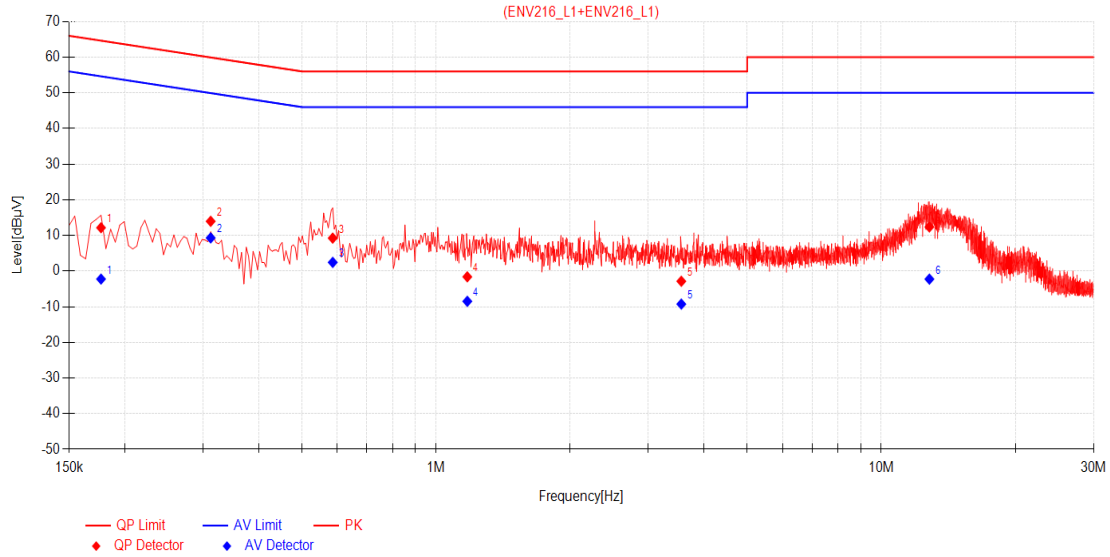
7.1.4 Measurement Procedure and Data

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

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

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

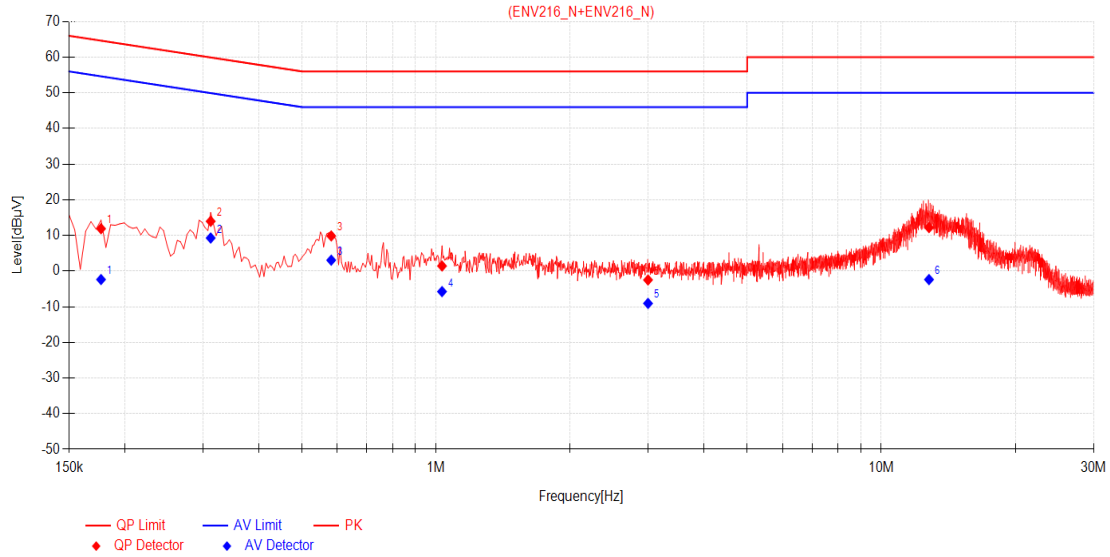
Test Mode: 04; Line: Live line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1770	-20.93	33.08	12.15	64.63	52.48	18.68	-2.25	54.63	56.88	PASS
2	0.3120	-21.06	35.02	13.96	59.92	45.96	30.36	9.30	49.92	40.62	PASS
3	0.5865	-20.73	29.97	9.24	56.00	46.76	23.17	2.44	46.00	43.56	PASS
4	1.1760	-19.27	17.65	-1.62	56.00	57.62	10.78	-8.49	46.00	54.49	PASS
5	3.5565	-19.29	16.43	-2.86	56.00	58.86	10.02	-9.27	46.00	55.27	PASS
6	12.8265	-19.44	31.81	12.37	60.00	47.63	17.17	-2.27	50.00	52.27	PASS

Test Mode: 04; Line: Neutral Line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1770	-20.93	32.82	11.89	64.63	52.74	18.55	-2.38	54.63	57.01	PASS
2	0.3120	-21.06	35.02	13.96	59.92	45.96	30.33	9.27	49.92	40.65	PASS
3	0.5820	-20.73	30.58	9.85	56.00	46.15	23.78	3.05	46.00	42.95	PASS
4	1.0320	-19.21	20.63	1.42	56.00	54.58	13.45	-5.76	46.00	51.76	PASS
5	2.9940	-19.42	16.92	-2.50	56.00	58.50	10.35	-9.07	46.00	55.07	PASS
6	12.7995	-19.44	31.64	12.20	60.00	47.80	17.05	-2.39	50.00	52.39	PASS

7.2 Radiated Emissions (Below 1GHz)

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

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.4,6.5

Limit:

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

Note

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

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

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

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

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

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

7.2.1 E.U.T. Operation

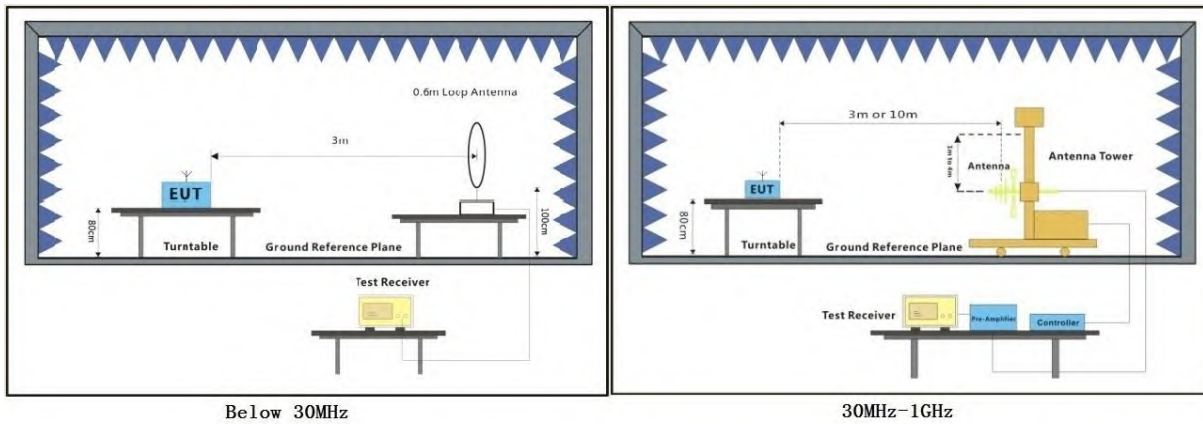
Operating Environment:

Temperature: 24 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

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

Remark:

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

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

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

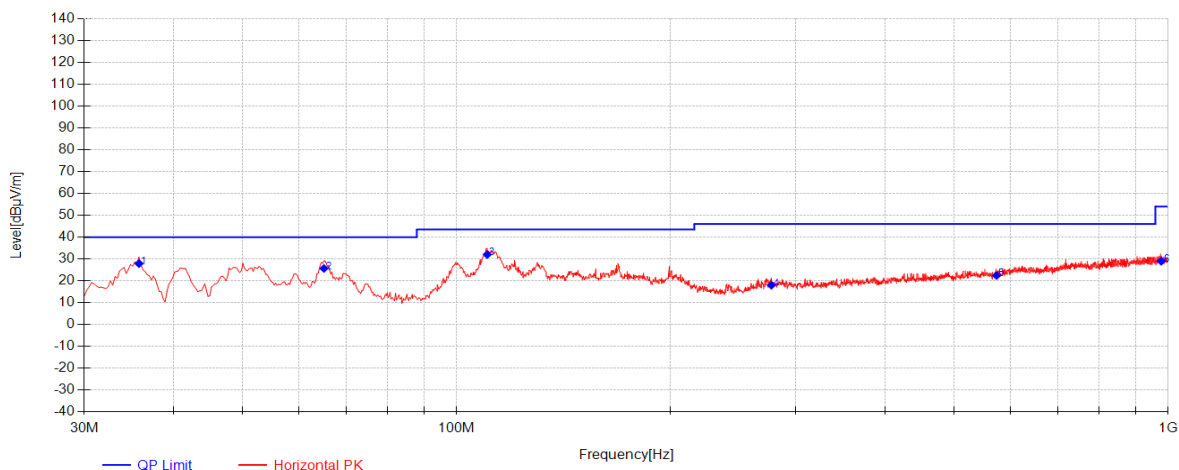
EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

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

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

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

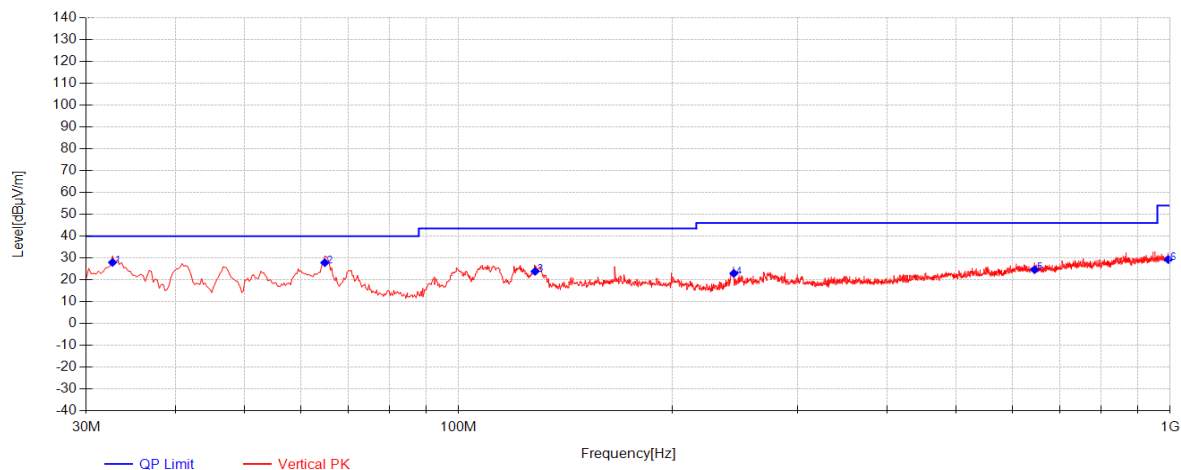
Test Mode: 04; Polarity: Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	35.82	51.09	-42.26	19.05	27.88	40.00	12.12	Horizontal
2	65.1625	49.22	-41.91	18.35	25.66	40.00	14.34	Horizontal
3	110.51	57.31	-41.44	16.15	32.02	43.50	11.48	Horizontal
4	277.1075	38.91	-39.85	18.92	17.98	46.00	28.02	Horizontal
5	574.17	35.62	-38.26	25.08	22.44	46.00	23.56	Horizontal
6	978.4175	34.55	-35.64	30.06	28.97	54.00	25.03	Horizontal

Test Mode: 04; Polarity: Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	32.6675	51.86	-42.29	18.37	27.94	40.00	12.06	Vertical
2	64.92	51.39	-41.91	18.35	27.83	40.00	12.17	Vertical
3	128.2125	47.22	-41.31	17.95	23.86	43.50	19.64	Vertical
4	243.885	45.61	-40.16	17.48	22.93	46.00	23.07	Vertical
5	645.2225	36.22	-37.66	26.07	24.63	46.00	21.37	Vertical
6	994.4225	35	-35.68	29.92	29.23	54.00	24.77	Vertical

7.3 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.6 & 12.7

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

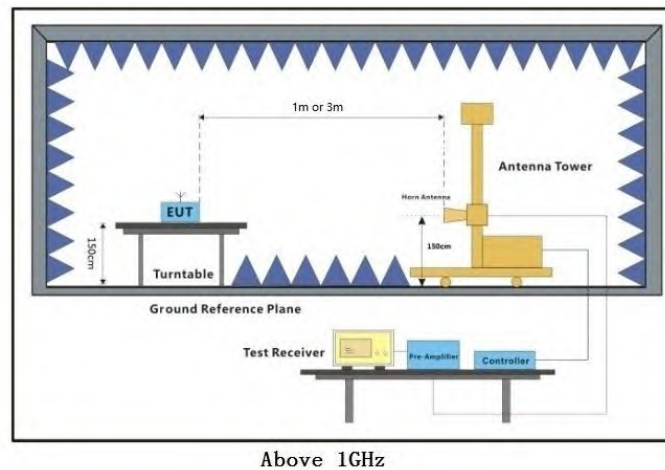
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



Above 1GHz

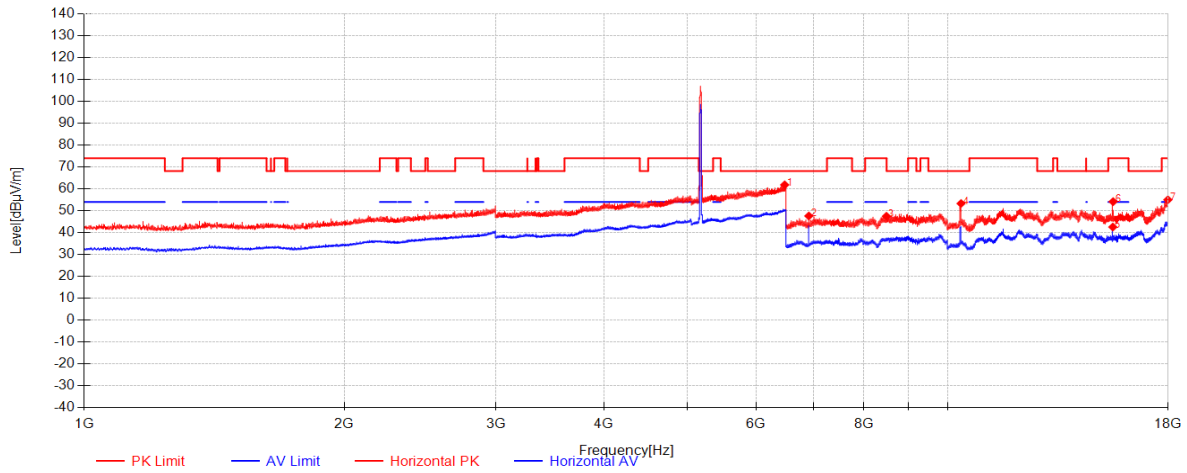
7.3.4 Measurement Procedure and Data

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

Remark:

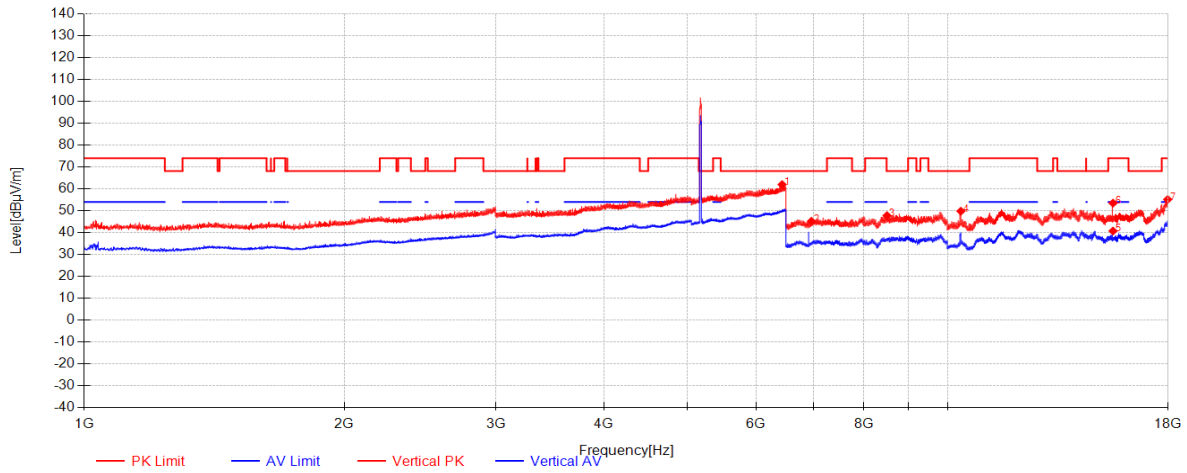
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more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

11a_TX_CH_36_Horizontal



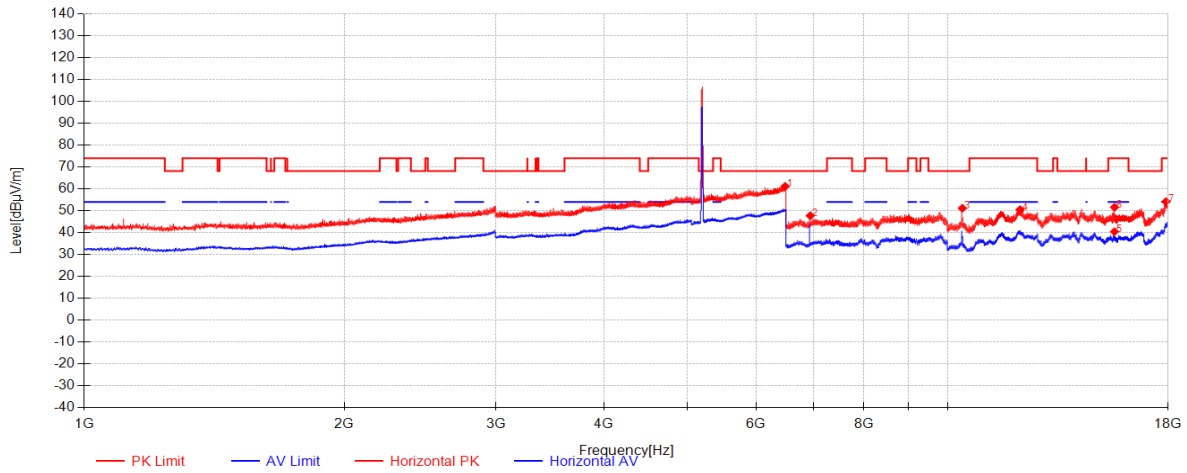
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6476.7308	45.89	35.20	-19.24	61.85	68.20	6.35	Horizontal
2	6906.8125	56.92	36.10	-45.39	47.63	68.20	20.57	Horizontal
3	8495.25	52.31	37.69	-42.52	47.48	74.00	26.52	Horizontal
4	10364.9583	54.01	38.59	-39.28	53.33	68.20	14.87	Horizontal
5	15537.0833	41.44	39.16	-38.03	42.57	54.00	11.43	Horizontal
6	15548.1042	53.00	39.15	-37.96	54.19	74.00	19.81	Horizontal
7	17994.25	47.00	43.07	-35.06	55.01	74.00	18.99	Horizontal

11a_TX_CH_36_Vertical



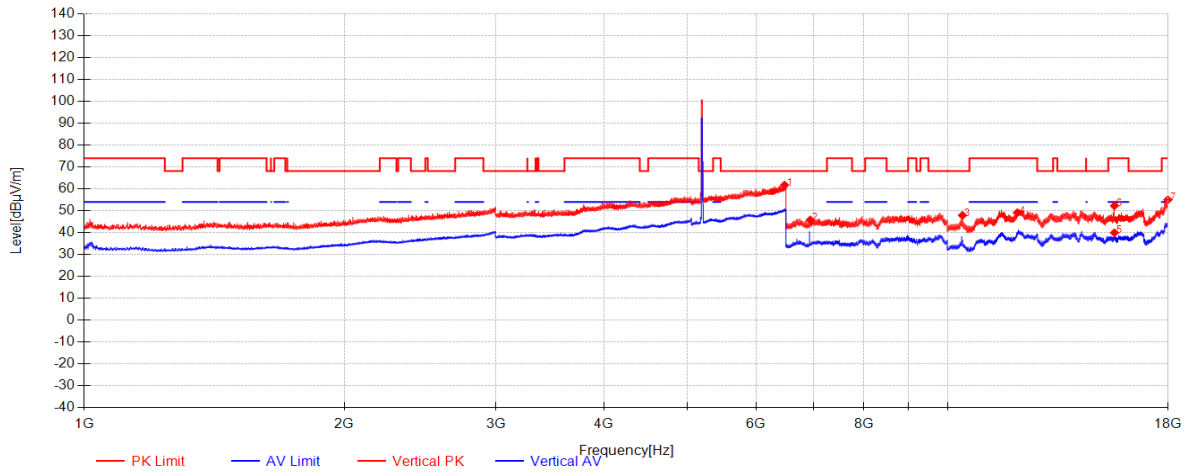
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6431.4615	46.14	35.16	-19.31	61.99	68.20	6.21	Vertical
2	6954.25	53.57	36.09	-44.45	45.22	68.20	22.98	Vertical
3	8508.1875	52.58	37.70	-42.49	47.79	68.20	20.41	Vertical
4	10360.1667	50.56	38.58	-39.33	49.81	68.20	18.39	Vertical
5	15542.8333	39.58	39.16	-37.99	40.74	54.00	13.26	Vertical
6	15544.75	52.32	39.16	-37.98	53.50	74.00	20.50	Vertical
7	17983.7083	47.20	43.02	-35.06	55.16	74.00	18.84	Vertical

11a_TX_CH_40_Horizontal



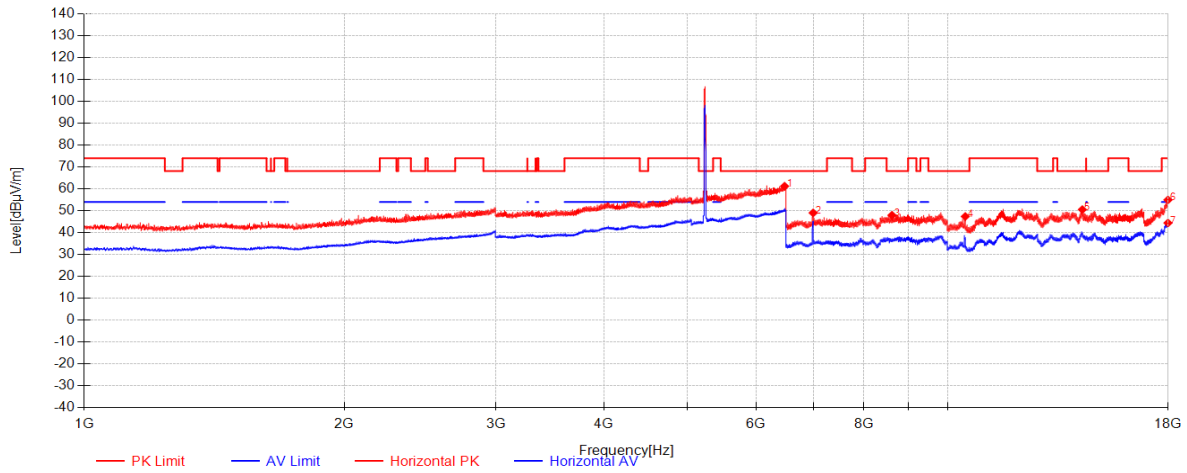
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.5	45.21	35.20	-19.23	61.18	68.20	7.02	Horizontal
2	6933.1667	56.49	36.10	-44.86	47.73	68.20	20.47	Horizontal
3	10401.375	51.40	38.69	-38.91	51.18	68.20	17.02	Horizontal
4	12132.6042	48.13	39.07	-36.68	50.51	74.00	23.49	Horizontal
5	15603.2083	38.93	39.10	-37.60	40.43	54.00	13.57	Horizontal
6	15605.6042	50.10	39.09	-37.59	51.60	74.00	22.40	Horizontal
7	17902.7292	46.66	42.61	-35.07	54.20	74.00	19.80	Horizontal

11a_TX_CH_40_Vertical



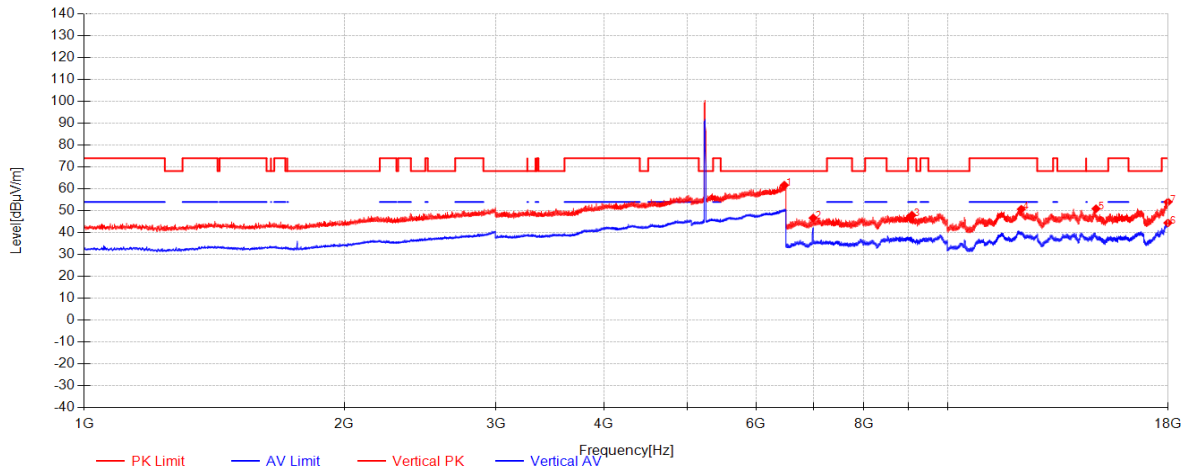
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6474.6154	45.81	35.20	-19.24	61.77	68.20	6.43	Vertical
2	6932.6875	54.57	36.10	-44.87	45.80	68.20	22.40	Vertical
3	10404.7292	48.13	38.68	-38.92	47.89	68.20	20.31	Vertical
4	12043.9583	47.46	38.89	-37.23	49.12	74.00	24.88	Vertical
5	15602.25	38.44	39.10	-37.60	39.93	54.00	14.07	Vertical
6	15603.6875	50.76	39.10	-37.60	52.26	74.00	21.74	Vertical
7	17994.7292	47.01	43.07	-35.06	55.02	74.00	18.98	Vertical

11a_TX_CH_48_Horizontal



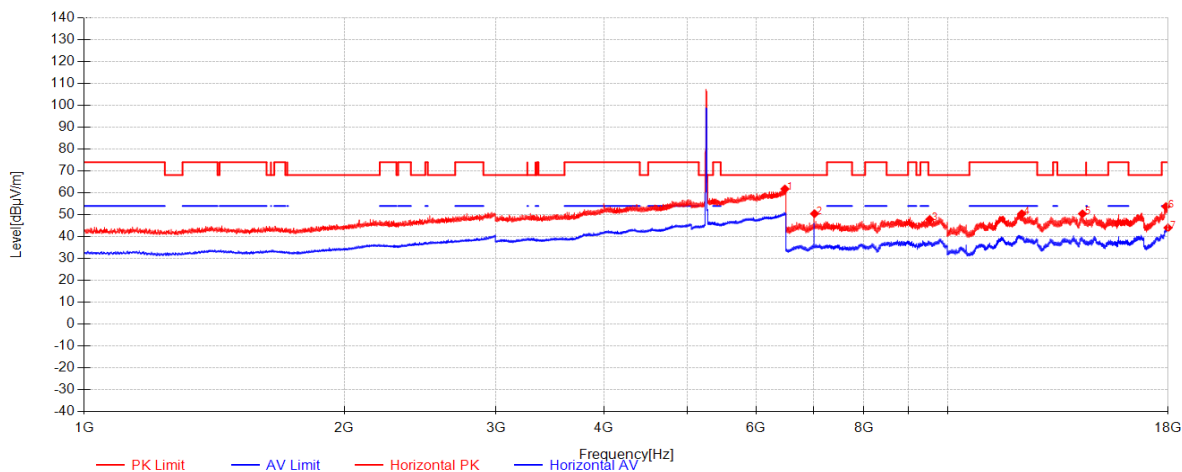
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6474.6154	45.28	35.20	-19.24	61.24	68.20	6.96	Horizontal
2	6986.3542	56.81	36.03	-43.81	49.03	68.20	19.17	Horizontal
3	8621.2708	52.04	37.54	-41.63	47.95	68.20	20.25	Horizontal
4	10482.3542	48.19	38.37	-39.17	47.40	68.20	20.80	Horizontal
5	14324.3125	46.53	39.95	-35.94	50.54	68.20	17.66	Horizontal
6	17997.6042	46.93	43.09	-35.06	54.96	74.00	19.04	Horizontal
7	17997.6042	36.40	43.09	-35.06	44.43	54.00	9.57	Horizontal

11a_TX_CH_48_Vertical



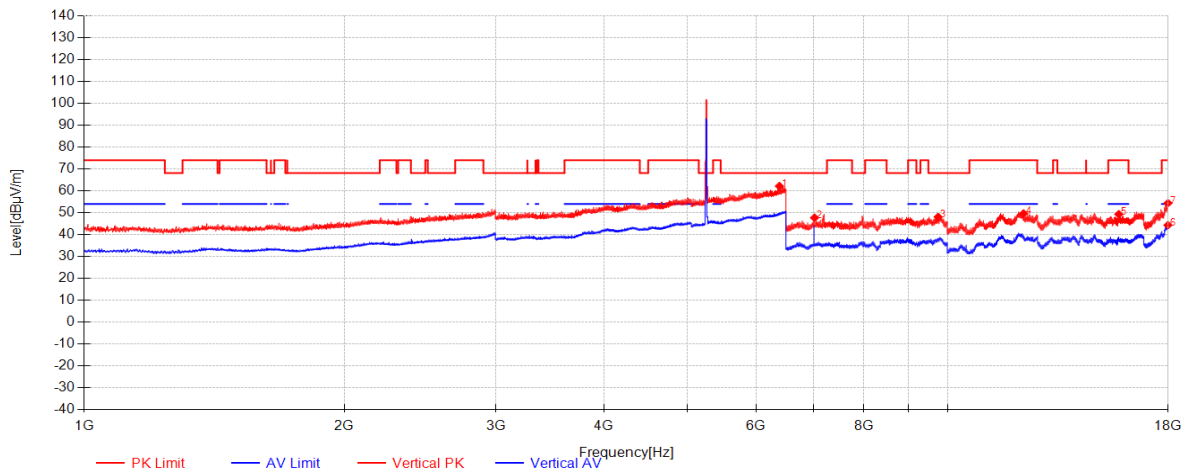
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6469.5385	45.76	35.20	-19.25	61.71	68.20	6.49	Vertical
2	6986.3542	54.47	36.03	-43.81	46.69	68.20	21.51	Vertical
3	9092.7708	51.26	38.09	-41.39	47.96	74.00	26.04	Vertical
4	12171.8958	48.36	39.14	-36.80	50.71	74.00	23.29	Vertical
5	14855.2292	48.98	39.53	-37.58	50.94	68.20	17.26	Vertical
6	17998.5625	36.43	43.09	-35.06	44.46	54.00	9.54	Vertical
7	17999.0417	45.99	43.10	-35.06	54.03	74.00	19.97	Vertical

11a_TX_CH_52_Horizontal



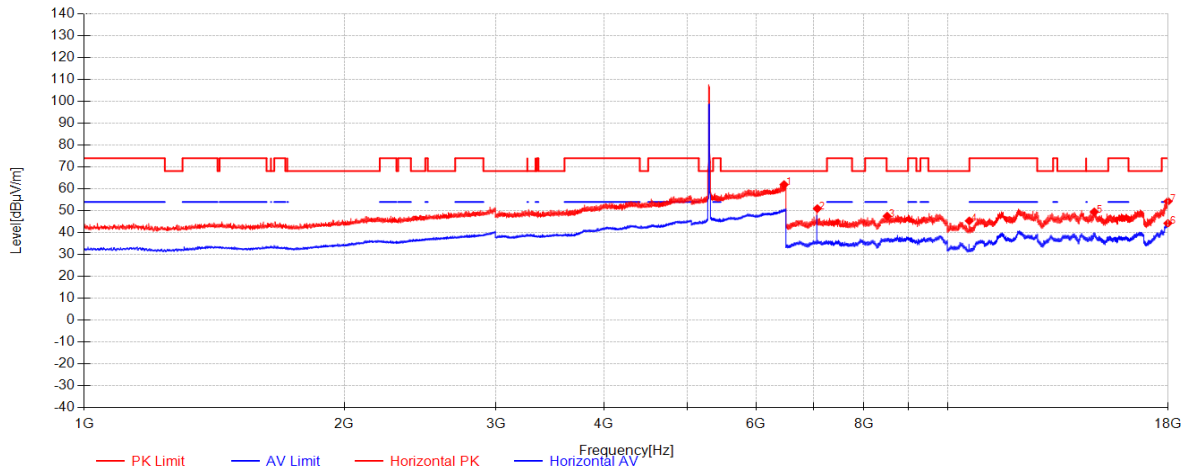
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6480.1154	45.85	35.20	-19.23	61.82	68.20	6.38	Horizontal
2	7013.1875	58.10	35.97	-43.58	50.50	68.20	17.70	Horizontal
3	9535.5208	50.49	38.37	-40.98	47.88	68.20	20.32	Horizontal
4	12185.7917	48.12	39.17	-36.84	50.45	74.00	23.55	Horizontal
5	14329.5833	46.48	39.94	-35.98	50.44	68.20	17.76	Horizontal
6	17902.7292	46.22	42.61	-35.07	53.76	74.00	20.24	Horizontal
7	17998.5625	36.01	43.09	-35.06	44.04	54.00	9.96	Horizontal

11a_TX_CH_52_Vertical



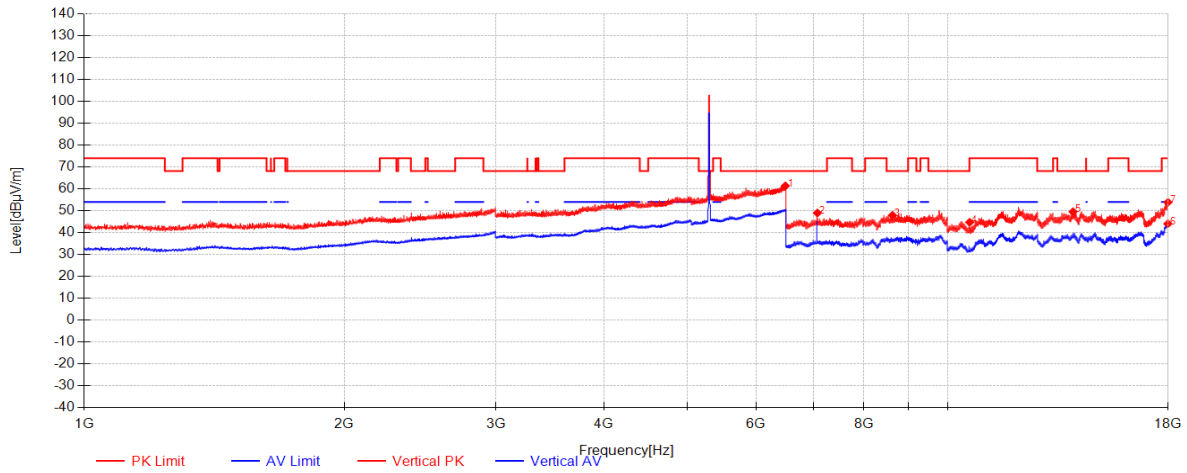
Data List								
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1	6386.1923	46.57	34.96	-19.34	62.19	68.20	6.01	Vertical
2	7012.7083	55.31	35.97	-43.57	47.71	68.20	20.49	Vertical
3	9750.6667	49.73	37.90	-39.56	48.08	68.20	20.12	Vertical
4	12245.6875	47.79	39.02	-37.15	49.65	74.00	24.35	Vertical
5	15784.8125	47.12	39.51	-37.30	49.32	74.00	24.68	Vertical
6	17994.7292	36.31	43.07	-35.06	44.32	54.00	9.68	Vertical
7	17998.0833	46.38	43.09	-35.06	54.41	74.00	19.59	Vertical

11a_TX_CH_60_Horizontal



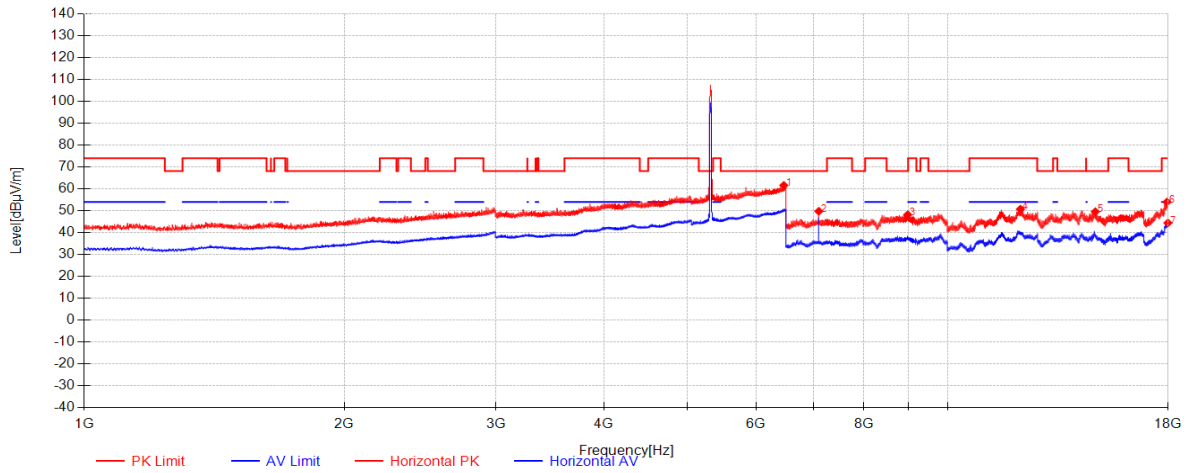
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6465.3077	46.04	35.20	-19.26	61.98	68.20	6.22	Horizontal
2	7066.375	58.70	36.00	-43.72	50.98	68.20	17.22	Horizontal
3	8511.5417	52.31	37.70	-42.46	47.55	68.20	20.65	Horizontal
4	10595.4375	46.51	38.97	-40.11	45.37	68.20	22.83	Horizontal
5	14785.75	46.47	39.70	-36.67	49.50	68.20	18.70	Horizontal
6	17994.25	36.27	43.07	-35.06	44.28	54.00	9.72	Horizontal
7	17998.5625	46.26	43.09	-35.06	54.29	74.00	19.71	Horizontal

11a_TX_CH_60_Vertical



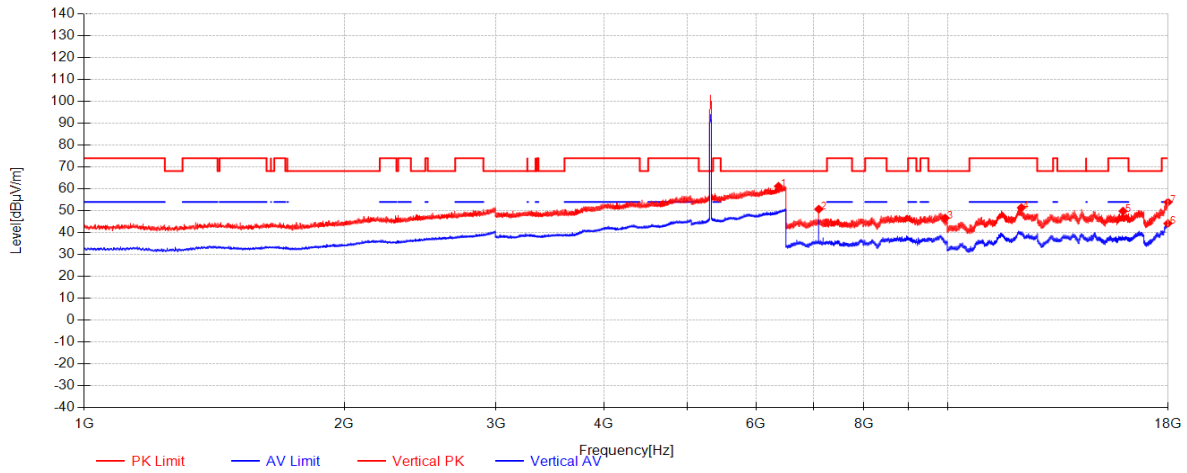
Data List								
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1	6486.8846	45.41	35.20	-19.22	61.39	68.20	6.81	Vertical
2	7066.8542	56.71	36.00	-43.72	48.99	68.20	19.21	Vertical
3	8633.25	52.07	37.57	-41.70	47.94	68.20	20.26	Vertical
4	10605.5	45.87	38.98	-40.11	44.74	74.00	29.26	Vertical
5	13972.6042	45.79	39.99	-36.21	49.57	68.20	18.63	Vertical
6	17991.8542	36.03	43.06	-35.06	44.03	54.00	9.97	Vertical
7	17999.5208	45.85	43.10	-35.06	53.89	74.00	20.11	Vertical

11a_TX_CH_64_Horizontal



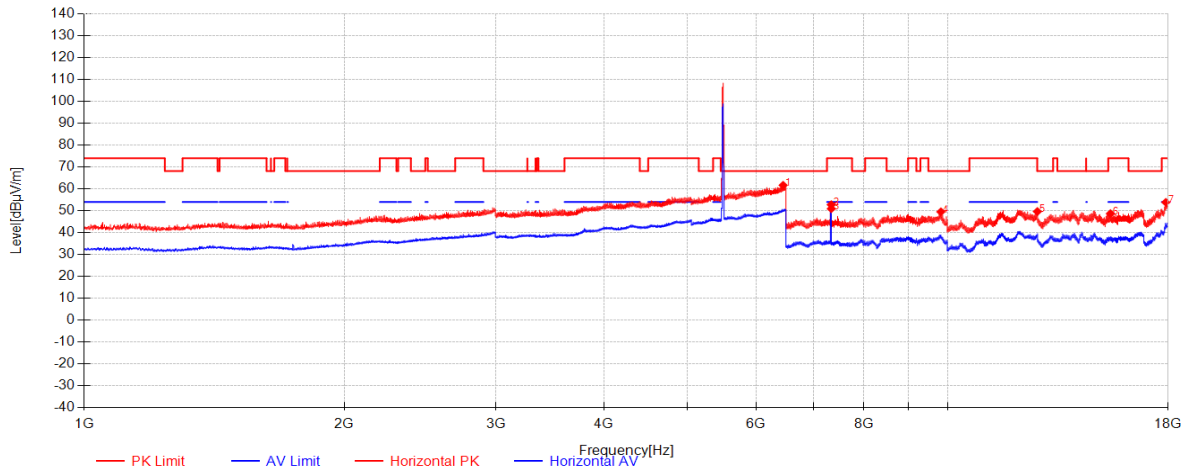
Data List								
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1	6460.6538	45.70	35.20	-19.26	61.64	68.20	6.56	Horizontal
2	7093.2083	57.41	36.16	-43.79	49.78	68.20	18.42	Horizontal
3	8991.1875	50.70	38.18	-40.67	48.21	68.20	19.99	Horizontal
4	12143.1458	48.36	39.09	-36.72	50.73	74.00	23.27	Horizontal
5	14828.875	47.15	39.61	-37.17	49.59	68.20	18.61	Horizontal
6	17952.5625	46.21	42.86	-35.06	54.01	74.00	19.99	Horizontal
7	17995.6875	36.43	43.08	-35.06	44.45	54.00	9.55	Horizontal

11a_TX_CH_64_Vertical



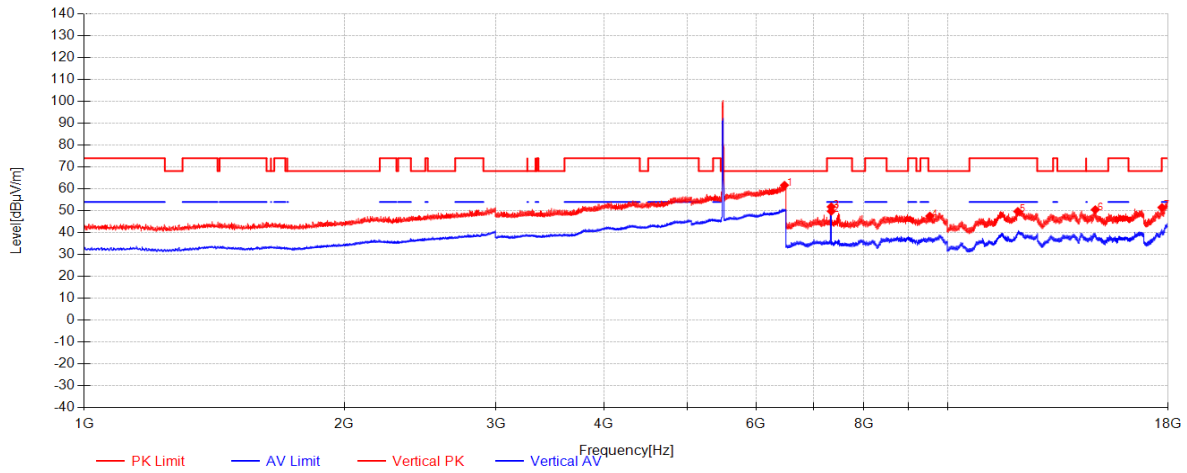
Data List								
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1	6369.2692	45.73	34.79	-19.32	61.21	68.20	6.99	Vertical
2	7093.2083	58.36	36.16	-43.79	50.73	68.20	17.47	Vertical
3	9934.6667	49.32	37.97	-40.61	46.68	68.20	21.52	Vertical
4	12173.3333	49.06	39.15	-36.80	51.40	74.00	22.60	Vertical
5	15964.5	48.60	38.85	-37.63	49.82	74.00	24.18	Vertical
6	17995.2083	36.16	43.08	-35.06	44.18	54.00	9.82	Vertical
7	17999.5208	45.90	43.10	-35.06	53.94	74.00	20.06	Vertical

11a_TX_CH_100_Horizontal



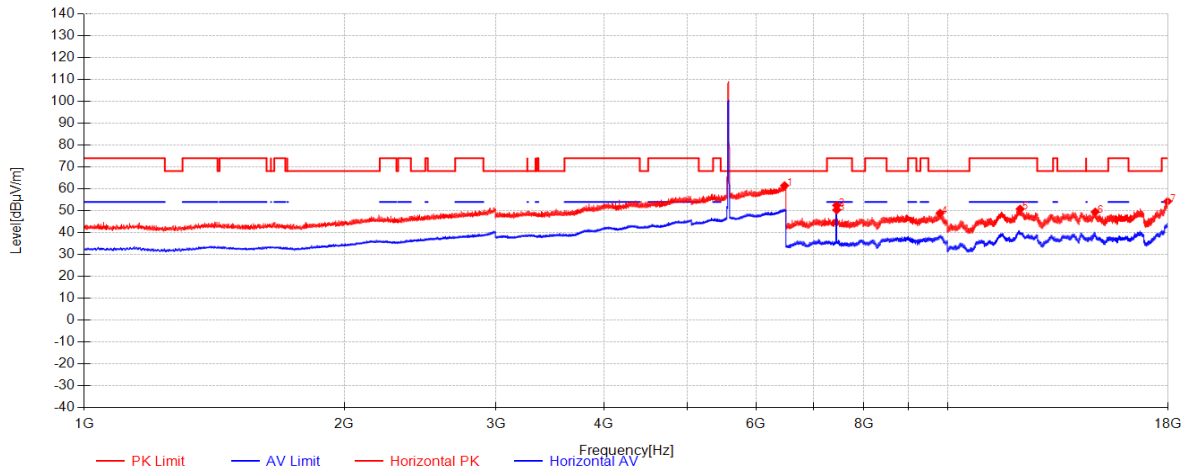
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6449.2308	45.77	35.20	-19.28	61.69	68.20	6.51	Horizontal
2	7332.7917	60.37	36.33	-43.93	52.78	74.00	21.22	Horizontal
3	7333.2708	58.54	36.33	-43.93	50.94	54.00	3.06	Horizontal
4	9822.5417	50.56	38.20	-39.23	49.53	68.20	18.67	Horizontal
5	12705.2083	48.83	39.49	-38.68	49.65	68.20	18.55	Horizontal
6	15438.375	47.71	39.08	-38.10	48.69	74.00	25.31	Horizontal
7	17895.0625	46.45	42.57	-35.16	53.86	74.00	20.14	Horizontal

11a_TX_CH_100_Vertical



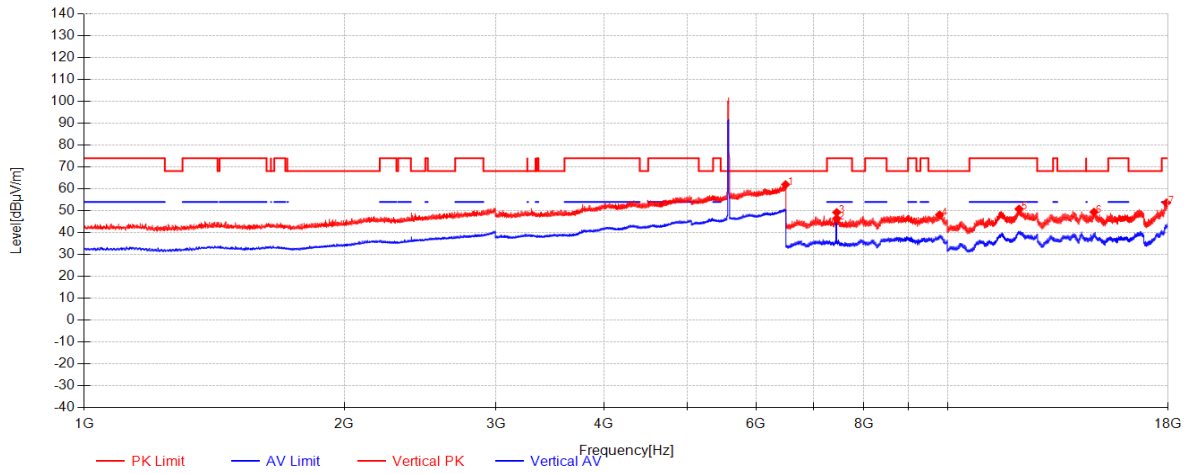
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6472.9231	45.74	35.20	-19.24	61.70	68.20	6.50	Vertical
2	7333.2708	57.38	36.33	-43.93	49.78	54.00	4.22	Vertical
3	7333.2708	59.42	36.33	-43.93	51.82	74.00	22.18	Vertical
4	9537.4375	50.18	38.37	-40.98	47.58	68.20	20.62	Vertical
5	12058.8125	47.84	38.92	-37.06	49.70	74.00	24.30	Vertical
6	14826	48.00	39.62	-37.13	50.49	68.20	17.71	Vertical
7	17711.0625	45.36	41.28	-35.12	51.52	74.00	22.48	Vertical

11a_TX_CH_116_Horizontal



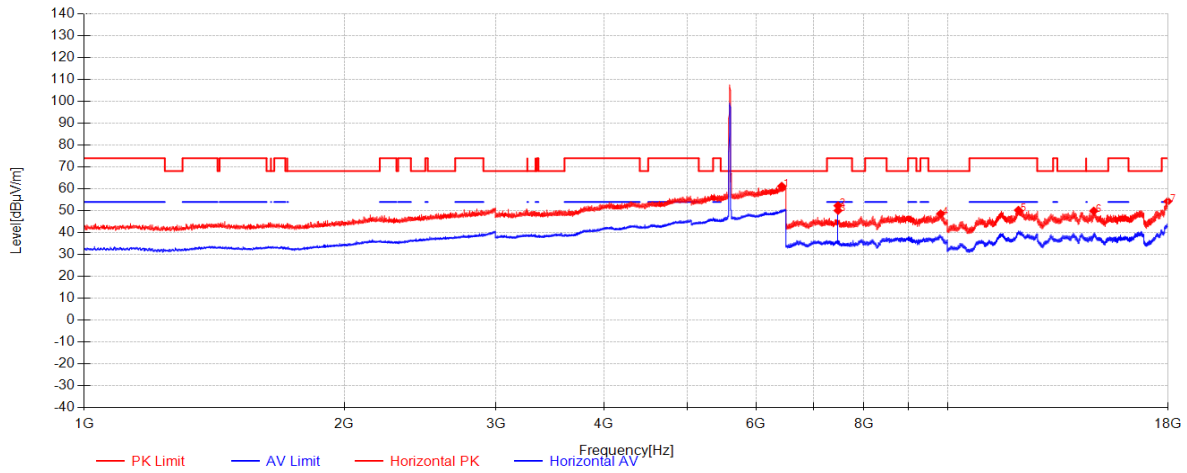
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6474.1923	45.56	35.20	-19.24	61.52	68.20	6.68	Horizontal
2	7439.6458	59.83	36.64	-44.01	52.46	74.00	21.54	Horizontal
3	7439.6458	57.73	36.64	-44.01	50.36	54.00	3.64	Horizontal
4	9800.9792	49.74	38.20	-39.02	48.92	68.20	19.28	Horizontal
5	12134.5208	48.46	39.07	-36.69	50.84	74.00	23.16	Horizontal
6	14823.125	46.93	39.63	-37.08	49.48	68.20	18.72	Horizontal
7	17982.75	46.35	43.01	-35.06	54.30	74.00	19.70	Horizontal

11a_TX_CH_116_Vertical



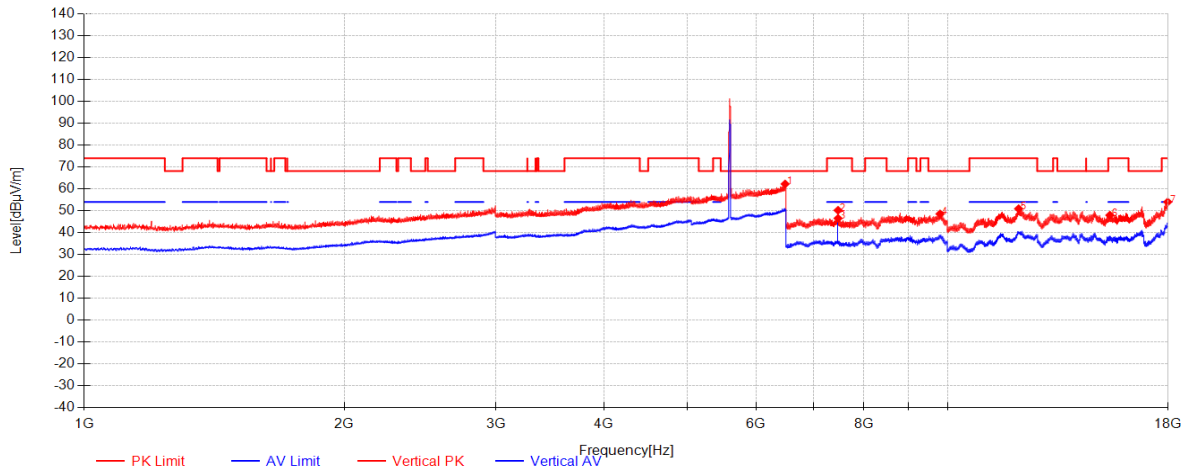
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6491.9615	46.02	35.20	-19.21	62.01	68.20	6.19	Vertical
2	7439.6458	53.82	36.64	-44.01	46.45	54.00	7.55	Vertical
3	7439.6458	56.62	36.64	-44.01	49.25	74.00	24.75	Vertical
4	9787.5625	49.17	38.13	-39.15	48.15	68.20	20.05	Vertical
5	12098.1042	48.43	39.00	-36.61	50.81	74.00	23.19	Vertical
6	14774.25	46.33	39.70	-36.62	49.41	68.20	18.79	Vertical
7	17925.25	46.01	42.73	-35.07	53.67	74.00	20.33	Vertical

11a_TX_CH_120_Horizontal



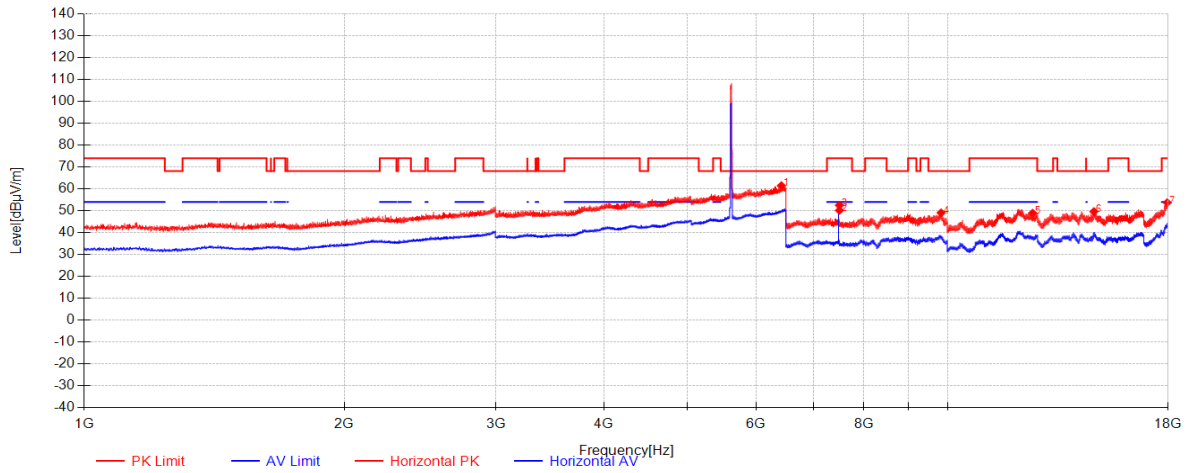
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6424.6923	45.43	35.15	-19.32	61.26	68.20	6.94	Horizontal
2	7466	59.49	36.60	-43.76	52.33	74.00	21.67	Horizontal
3	7466.4792	57.26	36.60	-43.76	50.10	54.00	3.90	Horizontal
4	9815.8333	49.60	38.20	-39.17	48.63	68.20	19.57	Horizontal
5	12079.4167	48.13	38.96	-36.82	50.26	74.00	23.74	Horizontal
6	14767.0625	46.78	39.70	-36.59	49.89	68.20	18.31	Horizontal
7	17991.8542	46.31	43.06	-35.06	54.31	74.00	19.69	Horizontal

11a_TX_CH_120_Vertical



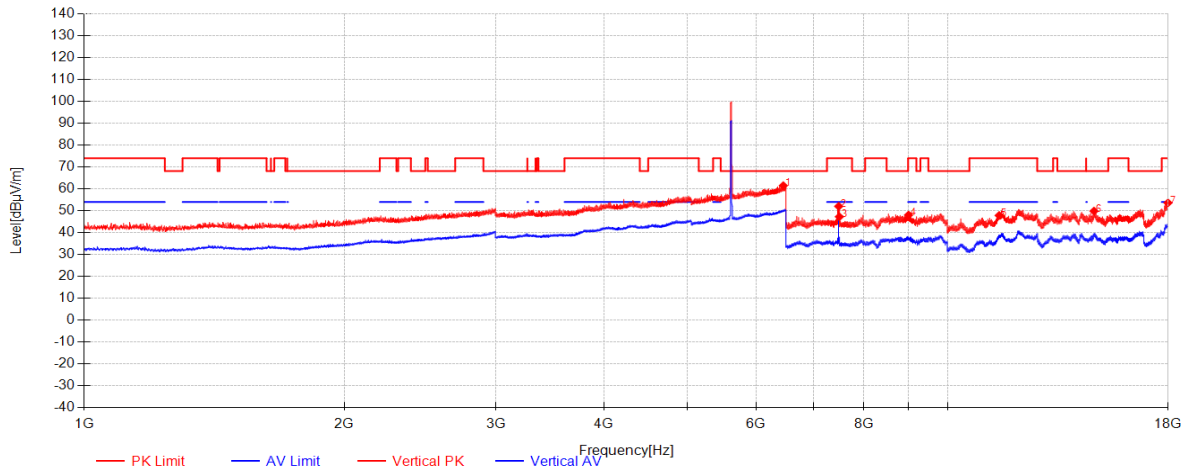
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.9231	46.29	35.20	-19.23	62.26	68.20	5.94	Vertical
2	7466	57.38	36.60	-43.76	50.22	74.00	23.78	Vertical
3	7466.4792	53.69	36.60	-43.76	46.53	54.00	7.47	Vertical
4	9800.9792	49.37	38.20	-39.02	48.55	68.20	19.65	Vertical
5	12086.125	48.71	38.97	-36.75	50.93	74.00	23.07	Vertical
6	15414.4167	46.99	39.03	-38.03	47.99	74.00	26.01	Vertical
7	17986.1042	46.07	43.03	-35.06	54.04	74.00	19.96	Vertical

11a_TX_CH_124_Horizontal



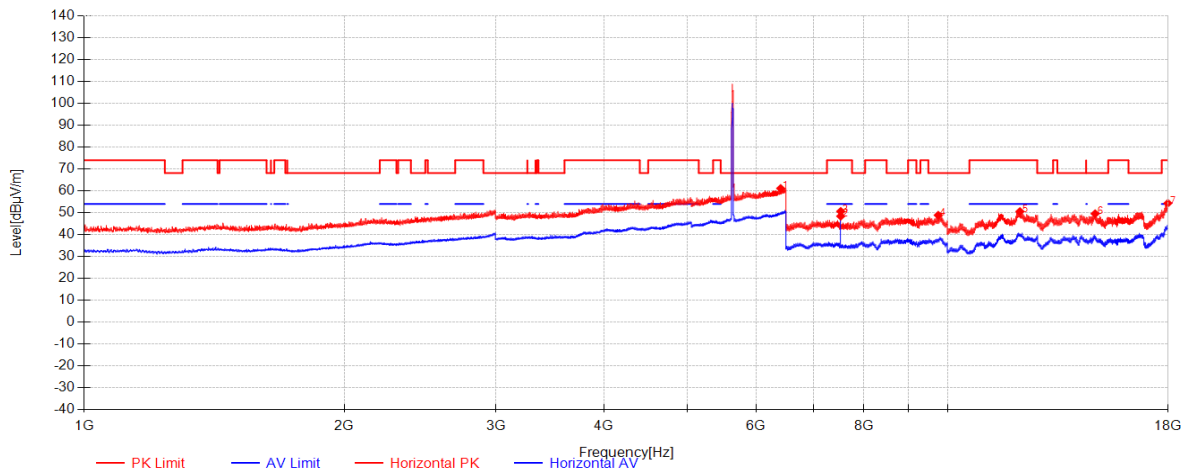
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6418.7692	45.68	35.14	-19.33	61.49	68.20	6.71	Horizontal
2	7492.8333	57.23	36.44	-43.52	50.16	54.00	3.84	Horizontal
3	7492.8333	59.59	36.44	-43.52	52.52	74.00	21.48	Horizontal
4	9828.7708	50.15	38.20	-39.29	49.06	68.20	19.14	Horizontal
5	12544.6875	48.14	38.99	-38.19	48.93	74.00	25.07	Horizontal
6	14773.2917	46.58	39.70	-36.62	49.66	68.20	18.54	Horizontal
7	17962.1458	45.90	42.91	-35.06	53.75	74.00	20.25	Horizontal

11a_TX_CH_124_Vertical



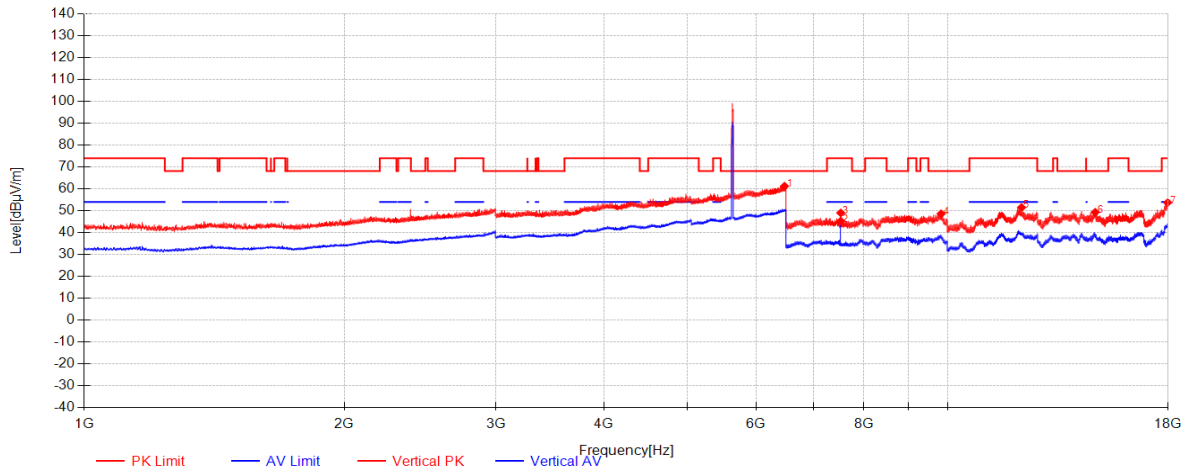
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6452.6154	45.58	35.20	-19.28	61.50	68.20	6.70	Vertical
2	7480.8542	59.15	36.51	-43.63	52.04	74.00	21.96	Vertical
3	7492.8333	54.33	36.44	-43.52	47.26	54.00	6.74	Vertical
4	9010.8333	50.58	38.16	-40.68	48.05	74.00	25.95	Vertical
5	11473.75	46.43	38.95	-37.53	47.85	74.00	26.15	Vertical
6	14776.1667	46.79	39.70	-36.63	49.86	68.20	18.34	Vertical
7	18000	45.59	43.10	-35.06	53.63	74.00	20.37	Vertical

11a_TX_CH_128_Horizontal



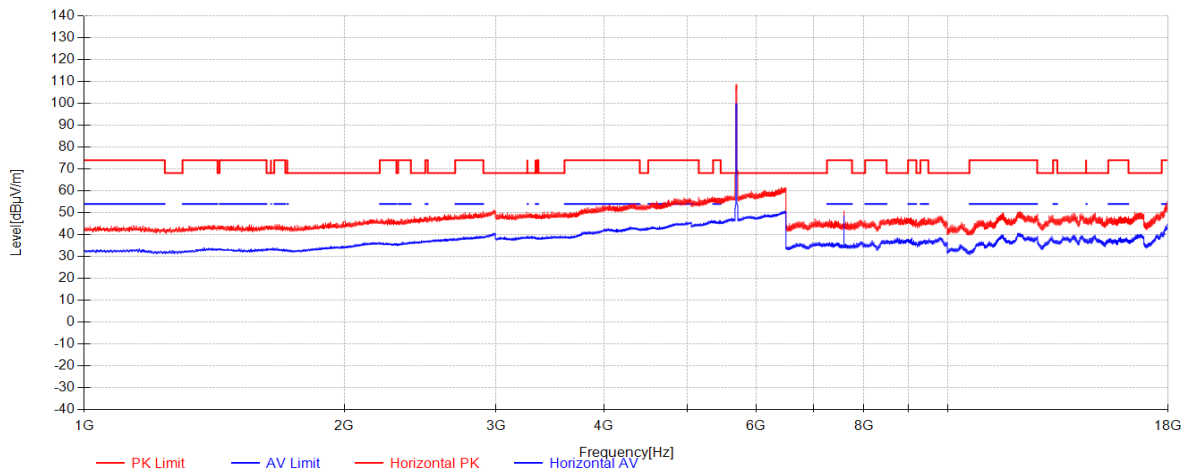
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6406.9231	45.39	35.11	-19.35	61.15	68.20	7.05	Horizontal
2	7519.6667	55.63	36.24	-43.45	48.43	54.00	5.57	Horizontal
3	7520.1458	57.85	36.24	-43.45	50.64	74.00	23.36	Horizontal
4	9752.5833	50.51	37.92	-39.54	48.89	68.20	19.31	Horizontal
5	12126.375	48.19	39.05	-36.67	50.58	74.00	23.42	Horizontal
6	14818.8125	46.93	39.64	-37.02	49.56	68.20	18.64	Horizontal
7	17993.2917	46.35	43.07	-35.06	54.36	74.00	19.64	Horizontal

11a_TX_CH_128_Vertical

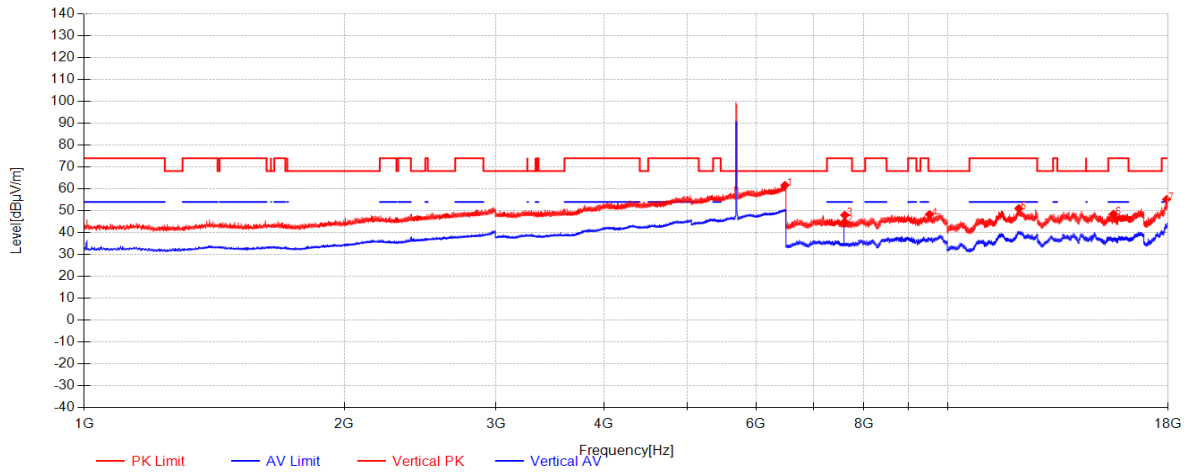


Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6473.3462	45.29	35.20	-19.24	61.25	68.20	6.95	Vertical
2	7519.6667	52.46	36.24	-43.45	45.26	54.00	8.74	Vertical
3	7520.1458	56.23	36.24	-43.45	49.02	74.00	24.98	Vertical
4	9827.8125	49.72	38.20	-39.29	48.63	68.20	19.57	Vertical
5	12178.6042	49.17	39.16	-36.82	51.51	74.00	22.49	Vertical
6	14824.5625	46.79	39.63	-37.11	49.31	68.20	18.89	Vertical
7	17985.1458	45.80	43.03	-35.06	53.76	74.00	20.24	Vertical

11a_TX_CH_140_Horizontal

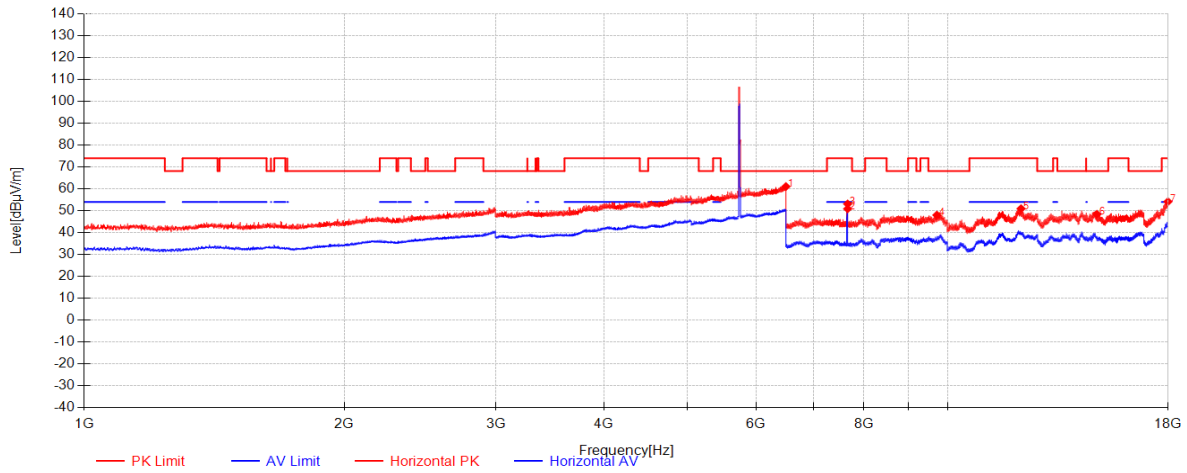


11a_TX_CH_140_Vertical



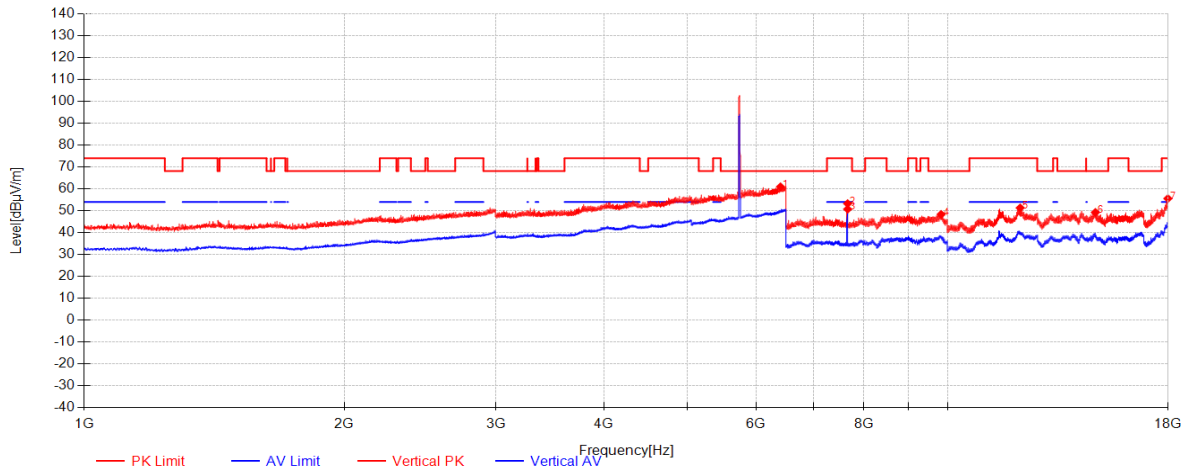
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6481.3846	45.72	35.20	-19.23	61.69	68.20	6.51	Vertical
2	7599.6875	52.36	36.00	-43.43	44.93	54.00	9.07	Vertical
3	7599.6875	55.47	36.00	-43.43	48.04	74.00	25.96	Vertical
4	9527.375	50.98	38.35	-41.00	48.33	68.20	19.87	Vertical
5	12090.9167	48.75	38.98	-36.69	51.04	74.00	22.96	Vertical
6	15561.5208	47.21	39.14	-37.87	48.48	74.00	25.52	Vertical
7	17931	47.52	42.75	-35.07	55.21	74.00	18.79	Vertical

11a_TX_CH_149_Horizontal



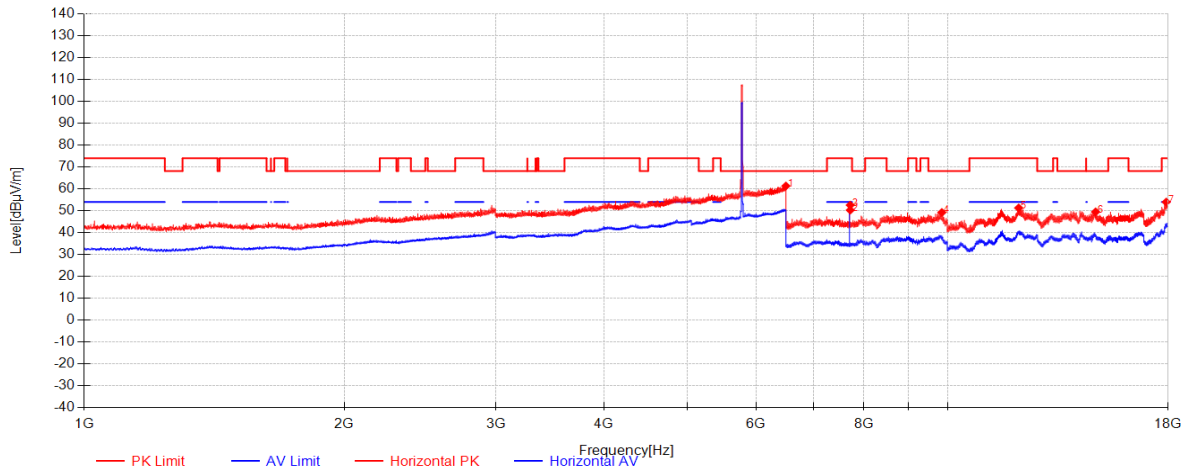
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6497.8846	45.10	35.20	-19.20	61.10	68.20	7.10	Horizontal
2	7659.5833	57.67	36.46	-43.23	50.89	54.00	3.11	Horizontal
3	7660.0625	59.91	36.46	-43.23	53.14	74.00	20.86	Horizontal
4	9719.0417	50.09	37.84	-39.91	48.02	68.20	20.18	Horizontal
5	12163.75	48.60	39.13	-36.77	50.95	74.00	23.05	Horizontal
6	14892.125	47.13	39.42	-38.14	48.41	68.20	19.79	Horizontal
7	17996.1667	46.17	43.08	-35.06	54.19	74.00	19.81	Horizontal

11a_TX_CH_149_Vertical



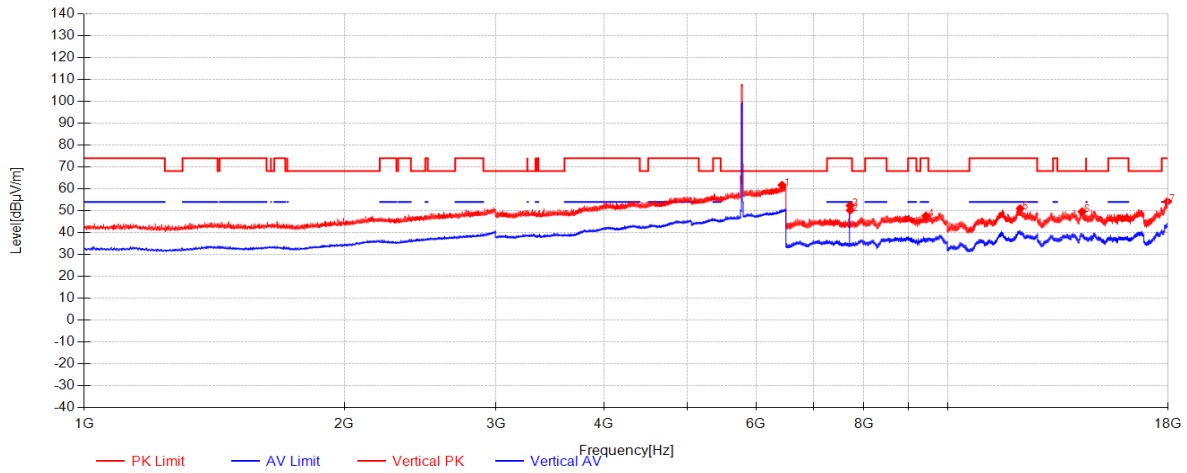
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6403.9615	45.23	35.11	-19.35	60.98	68.20	7.22	Vertical
2	7659.5833	60.07	36.46	-43.23	53.29	74.00	20.71	Vertical
3	7660.0625	57.49	36.46	-43.23	50.72	54.00	3.28	Vertical
4	9828.7708	49.44	38.20	-39.29	48.35	68.20	19.85	Vertical
5	12135	48.95	39.07	-36.69	51.33	74.00	22.67	Vertical
6	14830.3125	46.83	39.61	-37.19	49.25	68.20	18.95	Vertical
7	17993.7708	47.60	43.07	-35.06	55.61	74.00	18.39	Vertical

11a_TX_CH_157_Horizontal



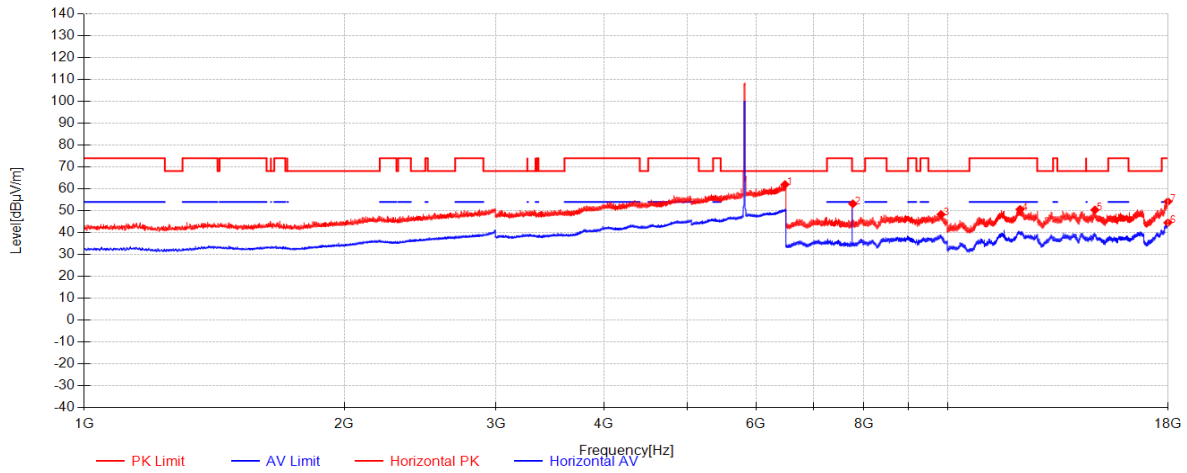
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6497.0385	45.34	35.20	-19.20	61.34	68.20	6.86	Horizontal
2	7713.25	56.67	36.73	-43.12	50.28	54.00	3.72	Horizontal
3	7713.25	58.98	36.73	-43.12	52.59	74.00	21.41	Horizontal
4	9847.4583	50.51	38.20	-39.48	49.23	68.20	18.97	Horizontal
5	12087.0833	49.06	38.97	-36.74	51.30	74.00	22.70	Horizontal
6	14839.4167	47.23	39.58	-37.33	49.48	68.20	18.72	Horizontal
7	17916.1458	46.39	42.68	-35.07	54.00	74.00	20.00	Horizontal

11a_TX_CH_157_Vertical



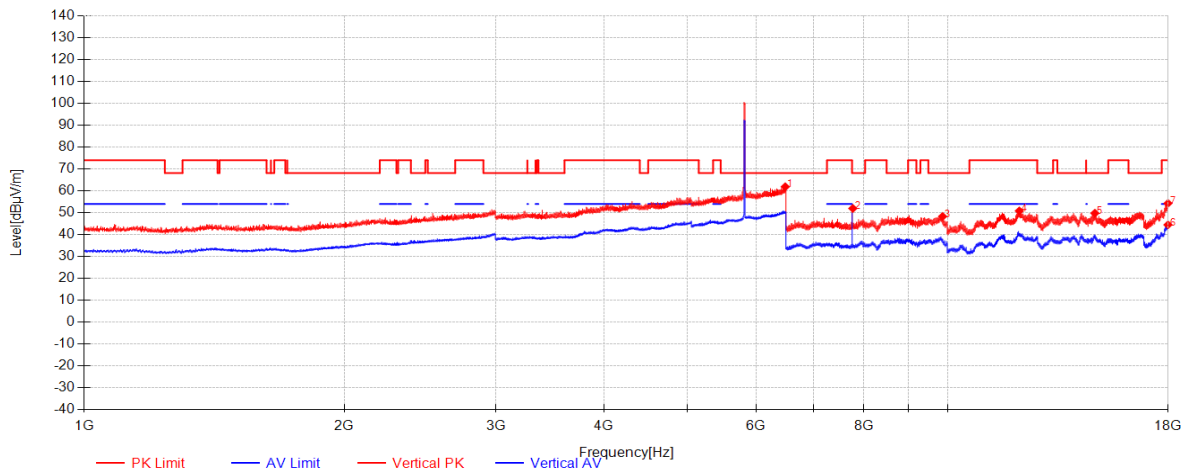
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6431.0385	45.88	35.16	-19.31	61.73	68.20	6.47	Vertical
2	7713.25	56.63	36.73	-43.12	50.24	54.00	3.76	Vertical
3	7713.25	58.77	36.73	-43.12	52.38	74.00	21.62	Vertical
4	9438.25	50.46	38.20	-40.99	47.67	74.00	26.33	Vertical
5	12134.5208	48.64	39.07	-36.69	51.02	74.00	22.98	Vertical
6	14313.7708	45.49	39.97	-35.87	49.59	68.20	18.61	Vertical
7	17974.125	46.31	42.97	-35.06	54.22	74.00	19.78	Vertical

11a_TX_CH_165_Horizontal



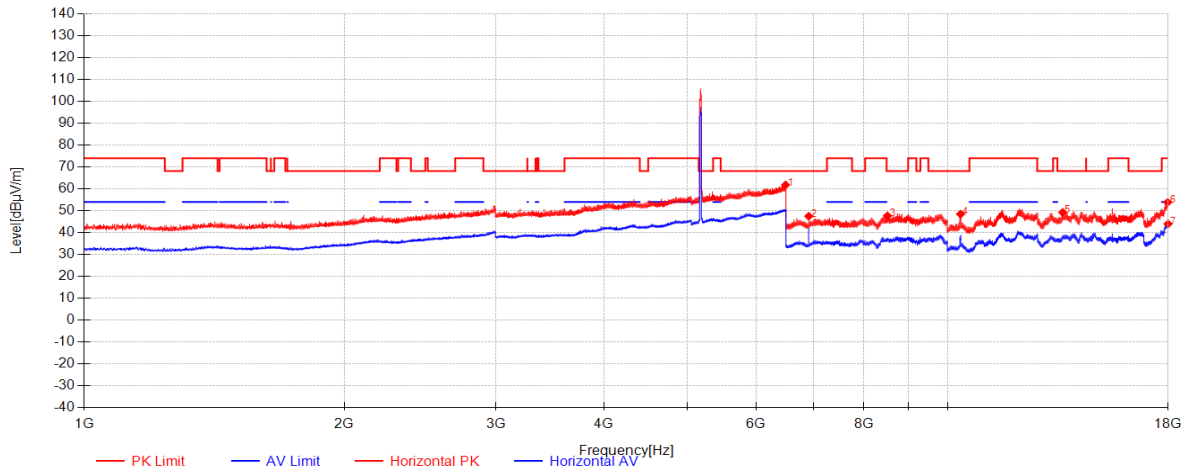
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6481.3846	46.03	35.20	-19.23	62.00	68.20	6.20	Horizontal
2	7766.4375	59.63	36.77	-43.20	53.20	68.20	15.00	Horizontal
3	9827.3333	49.41	38.20	-39.28	48.33	68.20	19.87	Horizontal
4	12132.125	48.26	39.06	-36.68	50.64	74.00	23.36	Horizontal
5	14812.5833	47.65	39.66	-36.92	50.39	68.20	17.81	Horizontal
6	17994.25	36.54	43.07	-35.06	44.55	54.00	9.45	Horizontal
7	17995.6875	46.20	43.08	-35.06	54.22	74.00	19.78	Horizontal

11a_TX_CH_165_Vertical



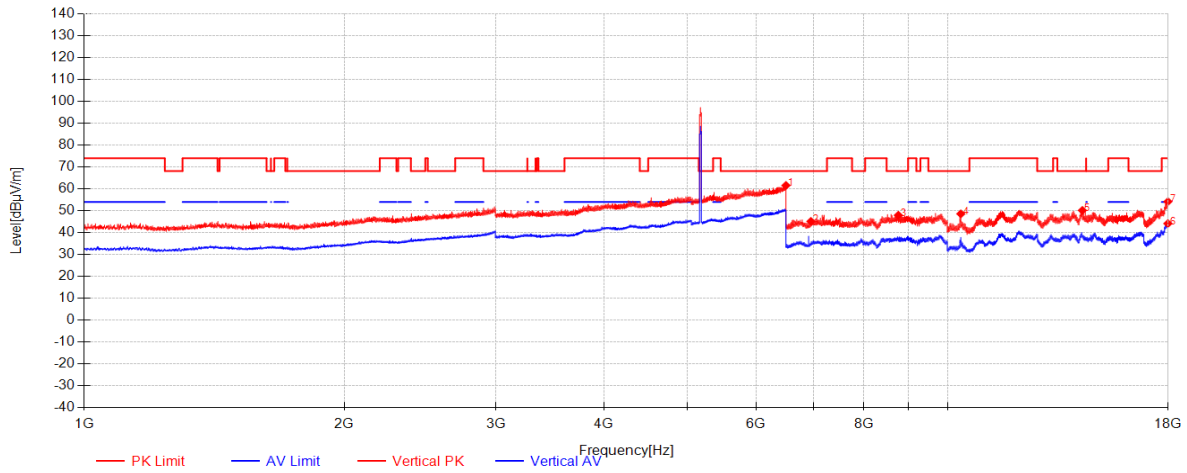
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6485.6154	45.92	35.20	-19.22	61.90	68.20	6.30	Vertical
2	7766.4375	58.42	36.77	-43.20	51.99	68.20	16.21	Vertical
3	9868.0625	49.92	38.09	-39.68	48.33	68.20	19.87	Vertical
4	12108.1667	48.45	39.02	-36.61	50.85	74.00	23.15	Vertical
5	14810.6667	47.02	39.67	-36.89	49.79	68.20	18.41	Vertical
6	17998.0833	36.46	43.09	-35.06	44.49	54.00	9.51	Vertical
7	17998.5625	46.29	43.09	-35.06	54.32	74.00	19.68	Vertical

11n(HT20)_TX_CH_36_Horizontal



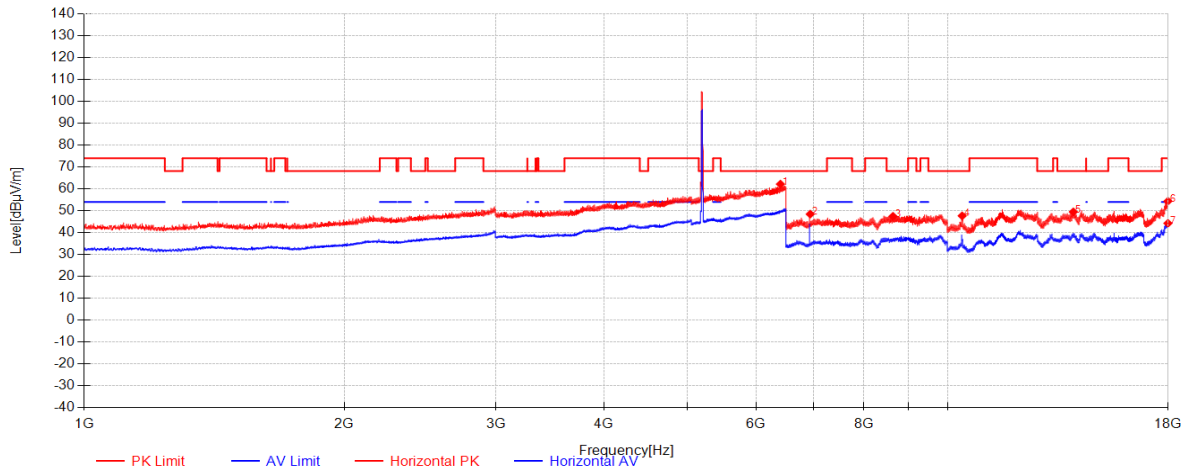
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6491.5385	45.84	35.20	-19.21	61.83	68.20	6.37	Horizontal
2	6906.3333	56.81	36.10	-45.39	47.52	68.20	20.68	Horizontal
3	8517.2917	52.35	37.70	-42.39	47.66	68.20	20.54	Horizontal
4	10350.5833	49.34	38.55	-39.43	48.46	68.20	19.74	Horizontal
5	13593.5833	45.54	39.91	-36.21	49.25	68.20	18.95	Horizontal
6	17984.1875	45.92	43.02	-35.06	53.88	74.00	20.12	Horizontal
7	17999.5208	35.96	43.10	-35.06	44.00	54.00	10.00	Horizontal

11n(HT20)_TX_CH_36_Vertical



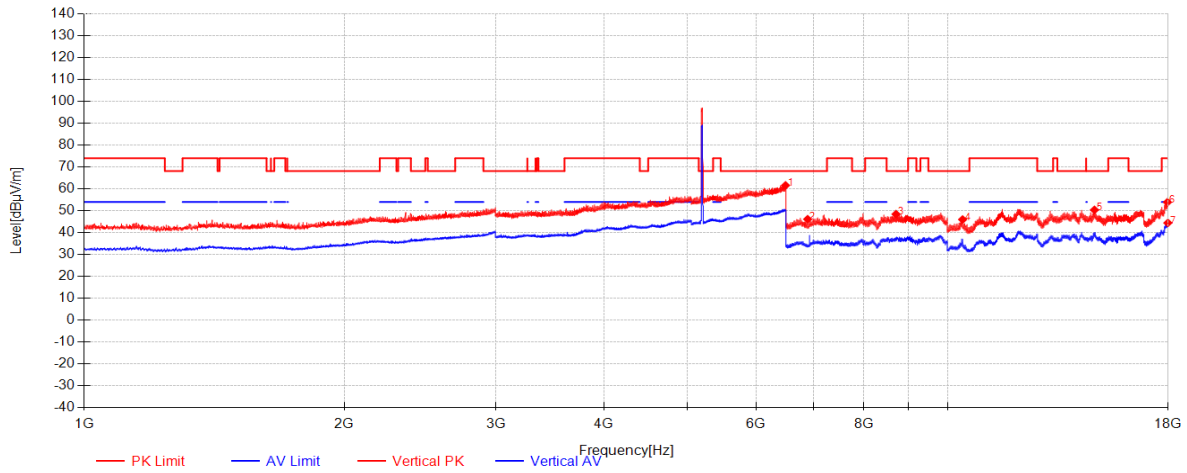
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6498.3077	45.59	35.20	-19.20	61.59	68.20	6.61	Vertical
2	6946.1042	53.65	36.10	-44.61	45.14	68.20	23.06	Vertical
3	8768.8542	51.61	38.02	-41.67	47.96	68.20	20.24	Vertical
4	10358.7292	49.35	38.58	-39.34	48.58	68.20	19.62	Vertical
5	14324.7917	46.17	39.95	-35.95	50.17	68.20	18.03	Vertical
6	17994.7292	36.13	43.07	-35.06	44.14	54.00	9.86	Vertical
7	17995.6875	46.17	43.08	-35.06	54.19	74.00	19.81	Vertical

11n(HT20)_TX_CH_40_Horizontal



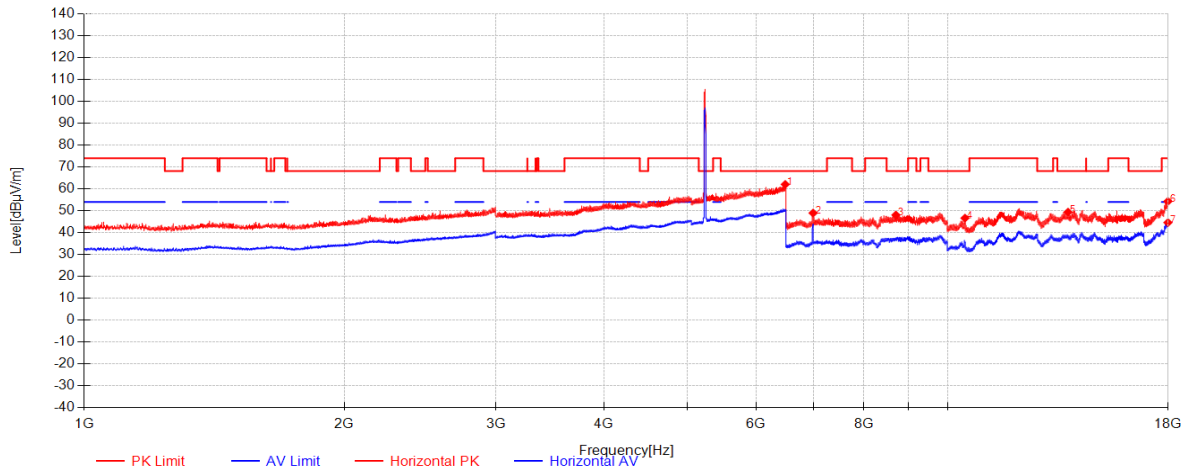
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6403.1154	46.43	35.11	-19.36	62.18	68.20	6.02	Horizontal
2	6932.6875	57.24	36.10	-44.87	48.47	68.20	19.73	Horizontal
3	8644.75	51.65	37.59	-41.77	47.47	68.20	20.73	Horizontal
4	10396.1042	47.93	38.69	-38.95	47.67	68.20	20.53	Horizontal
5	13984.5833	45.52	40.04	-36.08	49.48	68.20	18.72	Horizontal
6	17995.2083	46.36	43.08	-35.06	54.38	74.00	19.62	Horizontal
7	17997.125	36.24	43.09	-35.06	44.27	54.00	9.73	Horizontal

11n(HT20)_TX_CH_40_Vertical



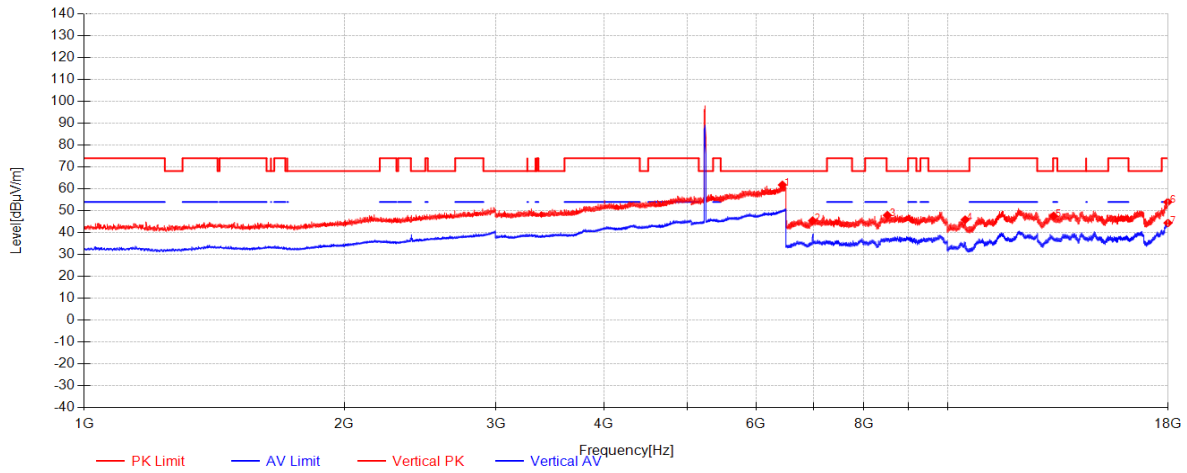
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489.8462	45.62	35.20	-19.22	61.60	68.20	6.60	Vertical
2	6884.7708	55.47	35.98	-45.30	46.14	68.20	22.06	Vertical
3	8715.1875	52.41	38.03	-42.01	48.43	68.20	19.77	Vertical
4	10408.0833	46.25	38.67	-38.94	45.98	68.20	22.22	Vertical
5	14791.5	47.37	39.70	-36.69	50.38	68.20	17.82	Vertical
6	17972.2083	46.02	42.96	-35.06	53.92	74.00	20.08	Vertical
7	17992.8125	36.45	43.06	-35.06	44.45	54.00	9.55	Vertical

11n(HT20)_TX_CH_48_Horizontal



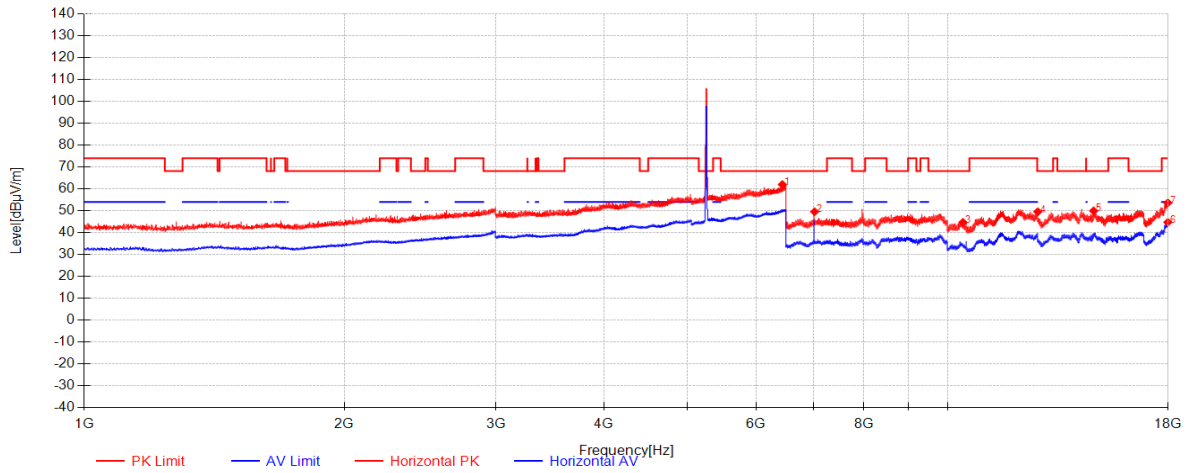
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6485.6154	46.10	35.20	-19.22	62.08	68.20	6.12	Horizontal
2	6986.3542	56.74	36.03	-43.81	48.96	68.20	19.24	Horizontal
3	8711.8333	52.07	38.02	-42.03	48.07	68.20	20.13	Horizontal
4	10473.7292	47.36	38.41	-39.14	46.63	68.20	21.57	Horizontal
5	13787.1667	46.26	39.91	-36.78	49.40	68.20	18.80	Horizontal
6	17995.6875	46.29	43.08	-35.06	54.31	74.00	19.69	Horizontal
7	17996.6458	36.58	43.08	-35.06	44.60	54.00	9.40	Horizontal

11n(HT20)_TX_CH_48_Verical



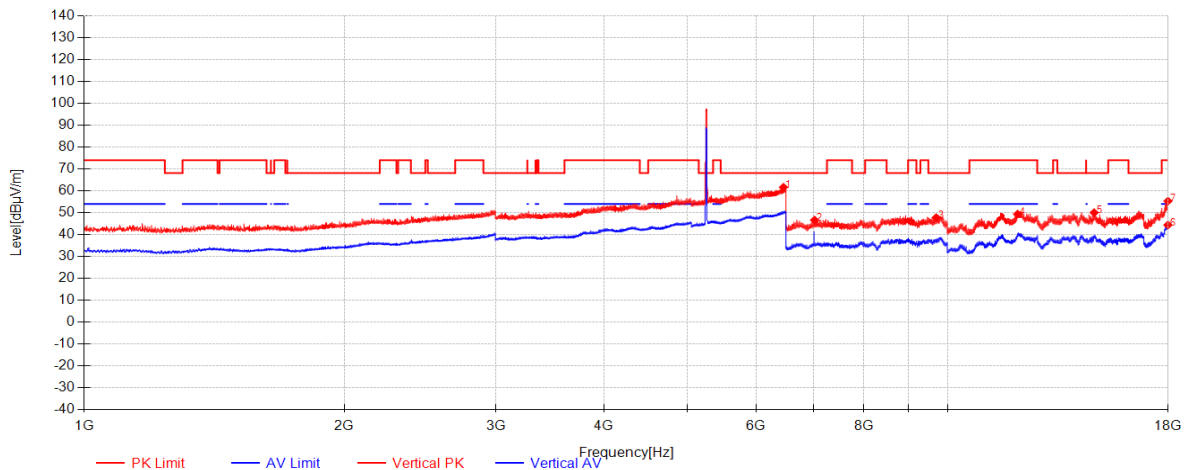
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6436.1154	45.96	35.17	-19.30	61.83	68.20	6.37	Vertical
2	6975.8125	53.43	36.05	-44.02	45.46	68.20	22.74	Vertical
3	8516.8125	52.66	37.70	-42.40	47.96	68.20	20.24	Vertical
4	10478.5208	46.66	38.39	-39.15	45.89	68.20	22.31	Vertical
5	13268.2292	45.61	39.80	-37.79	47.62	74.00	26.38	Vertical
6	17987.5417	45.99	43.04	-35.06	53.97	74.00	20.03	Vertical
7	17998.0833	36.40	43.09	-35.06	44.43	54.00	9.57	Vertical

11n(HT20)_TX_CH_52_Horizontal



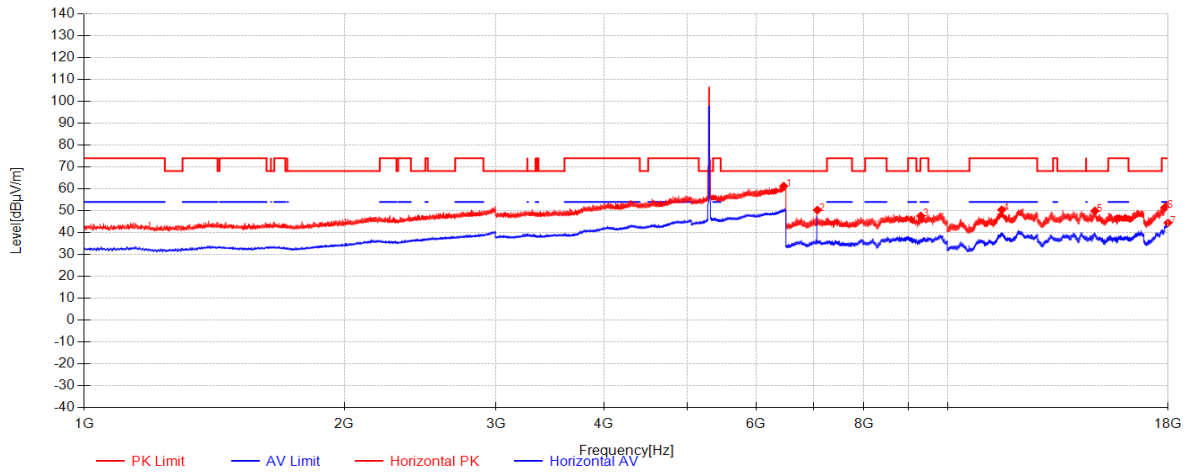
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6435.6923	46.12	35.17	-19.30	61.99	68.20	6.21	Horizontal
2	7013.1875	57.15	35.97	-43.58	49.55	68.20	18.65	Horizontal
3	10419.1042	45.05	38.62	-38.97	44.70	68.20	23.50	Horizontal
4	12719.5833	48.59	39.48	-38.53	49.54	68.20	18.66	Horizontal
5	14762.2708	46.82	39.70	-36.57	49.95	68.20	18.25	Horizontal
6	17993.2917	36.74	43.07	-35.06	44.75	54.00	9.25	Horizontal
7	17993.7708	45.63	43.07	-35.06	53.64	74.00	20.36	Horizontal

11n(HT20)_TX_CH_52_Vertical



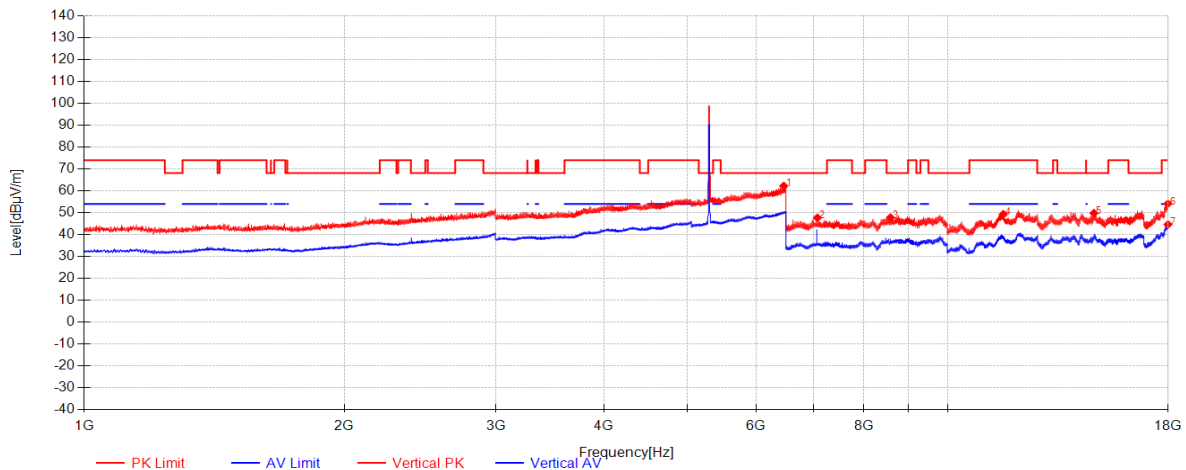
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6454.3077	45.73	35.20	-19.27	61.66	68.20	6.54	Vertical
2	7013.1875	54.25	35.97	-43.58	46.65	68.20	21.55	Vertical
3	9698.4375	50.05	37.81	-40.13	47.73	68.20	20.47	Vertical
4	12050.1875	47.63	38.90	-37.16	49.37	74.00	24.63	Vertical
5	14780.9583	47.00	39.70	-36.65	50.05	68.20	18.15	Vertical
6	17993.7708	36.38	43.07	-35.06	44.39	54.00	9.61	Vertical
7	17999.0417	47.30	43.10	-35.06	55.34	74.00	18.66	Vertical

11n(HT20)_TX_CH_60_Horizontal



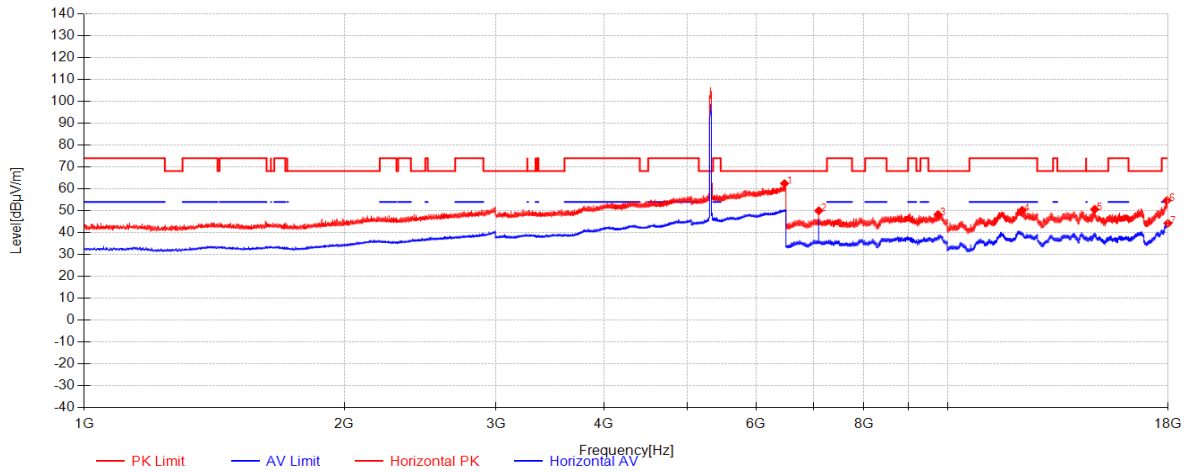
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6458.5385	45.37	35.20	-19.27	61.30	68.20	6.90	Horizontal
2	7065.8958	58.03	36.00	-43.72	50.31	68.20	17.89	Horizontal
3	9308.875	50.63	38.38	-41.37	47.64	74.00	26.36	Horizontal
4	11554.25	48.27	38.90	-36.77	50.40	74.00	23.60	Horizontal
5	14810.1875	47.15	39.67	-36.89	49.93	68.20	18.27	Horizontal
6	17853.375	45.17	42.27	-35.91	51.53	74.00	22.47	Horizontal
7	17999.5208	36.47	43.10	-35.06	44.51	54.00	9.49	Horizontal

11n(HT20)_TX_CH_60_Vertical



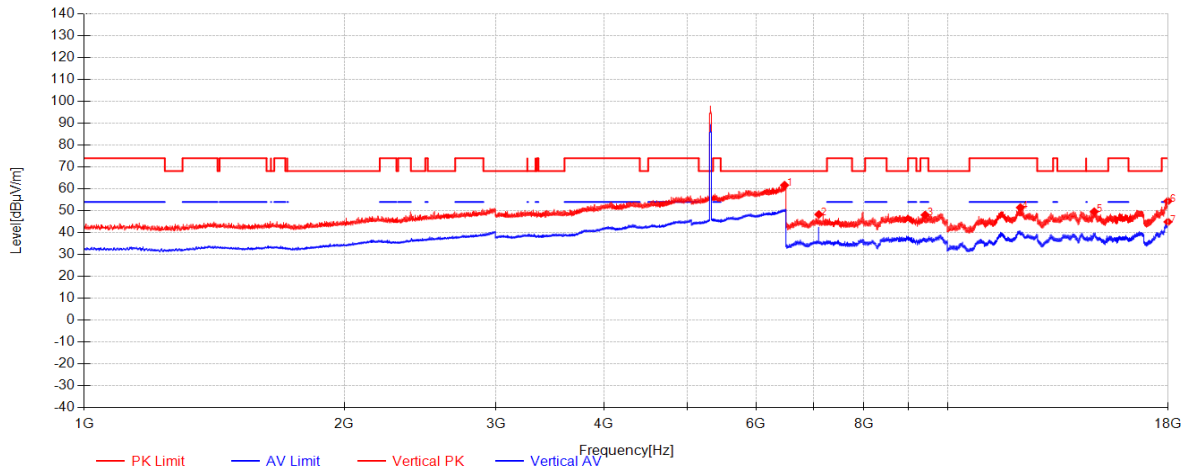
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6459.3846	46.31	35.20	-19.26	62.25	68.20	5.95	Vertical
2	7066.375	55.41	36.00	-43.72	47.69	68.20	20.51	Vertical
3	8587.25	51.88	37.55	-41.64	47.79	68.20	20.41	Vertical
4	11601.2083	46.99	38.90	-36.54	49.35	74.00	24.65	Vertical
5	14771.8542	46.74	39.70	-36.61	49.83	68.20	18.37	Vertical
6	17997.125	46.13	43.09	-35.06	54.16	74.00	19.84	Vertical
7	18000	36.62	43.10	-35.06	44.66	54.00	9.34	Vertical

11n(HT20)_TX_CH_64_Horizontal



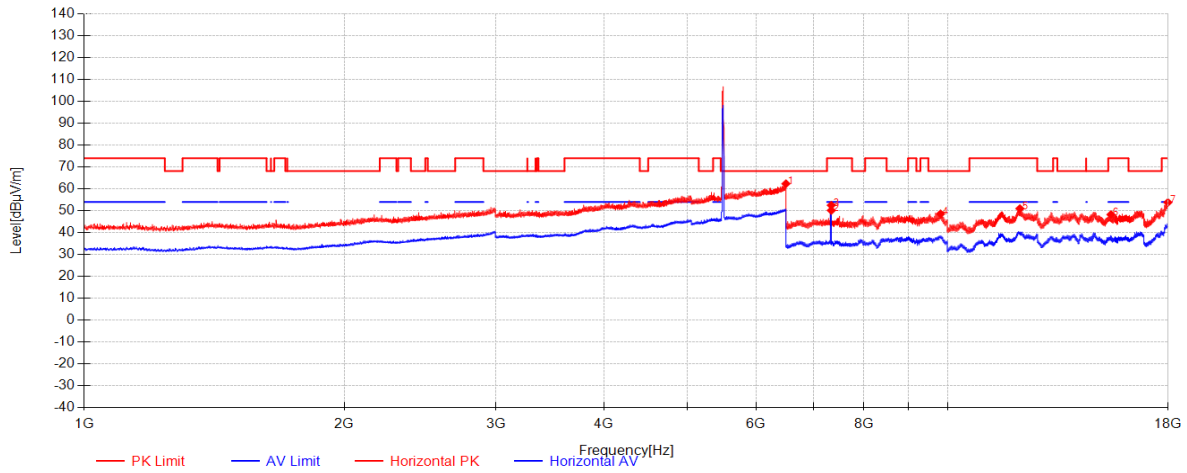
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6473.3462	46.52	35.20	-19.24	62.48	68.20	5.72	Horizontal
2	7092.7292	57.64	36.16	-43.79	50.01	68.20	18.19	Horizontal
3	9748.75	49.96	37.90	-39.58	48.28	68.20	19.92	Horizontal
4	12196.8125	47.89	39.19	-36.87	50.21	74.00	23.79	Horizontal
5	14803.4792	47.77	39.69	-36.78	50.68	68.20	17.52	Horizontal
6	17951.6042	46.91	42.86	-35.06	54.70	74.00	19.30	Horizontal
7	17997.6042	36.24	43.09	-35.06	44.27	54.00	9.73	Horizontal

11n(HT20)_TX_CH_64_Vertical



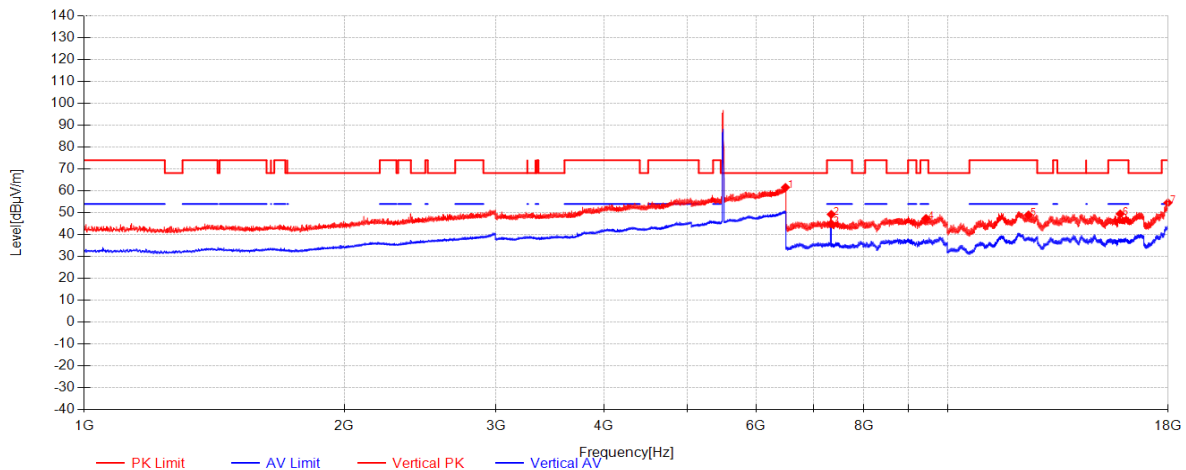
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6473.7692	45.74	35.20	-19.24	61.70	68.20	6.50	Vertical
2	7093.2083	55.95	36.16	-43.79	48.32	68.20	19.88	Vertical
3	9418.6042	50.83	38.20	-40.97	48.06	74.00	25.94	Vertical
4	12144.1042	49.09	39.09	-36.72	51.46	74.00	22.54	Vertical
5	14785.75	46.53	39.70	-36.67	49.56	68.20	18.64	Vertical
6	17996.1667	46.38	43.08	-35.06	54.40	74.00	19.60	Vertical
7	17996.6458	36.90	43.08	-35.06	44.92	54.00	9.08	Vertical

11n(HT20)_TX_CH_100_Horizontal



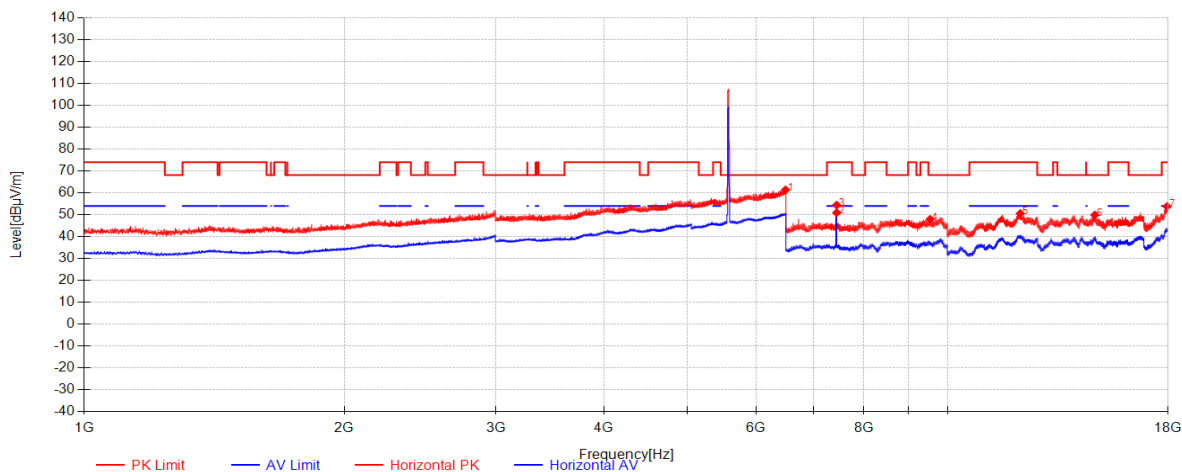
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6497.8846	46.37	35.20	-19.20	62.37	68.20	5.83	Horizontal
2	7333.2708	57.75	36.33	-43.93	50.15	54.00	3.85	Horizontal
3	7333.2708	60.14	36.33	-43.93	52.54	74.00	21.46	Horizontal
4	9812.9583	49.51	38.20	-39.14	48.57	68.20	19.63	Horizontal
5	12126.8542	48.60	39.05	-36.67	50.99	74.00	23.01	Horizontal
6	15458.5	47.29	39.12	-38.16	48.25	74.00	25.75	Horizontal
7	17996.1667	45.80	43.08	-35.06	53.82	74.00	20.18	Horizontal

11n(HT20)_TX_CH_100_Vertical



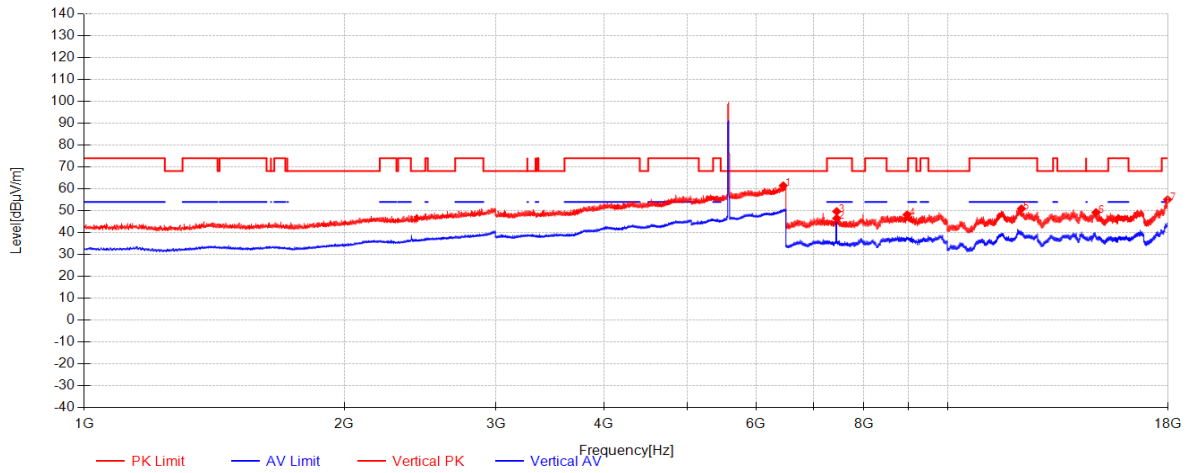
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489.4231	45.64	35.20	-19.22	61.62	68.20	6.58	Vertical
2	7332.7917	56.85	36.33	-43.93	49.26	74.00	24.74	Vertical
3	7333.2708	52.59	36.33	-43.93	44.99	54.00	9.01	Vertical
4	9439.2083	50.21	38.20	-40.99	47.42	74.00	26.58	Vertical
5	12407.6458	48.16	39.08	-38.21	49.03	74.00	24.97	Vertical
6	15844.7083	47.49	39.47	-37.46	49.49	74.00	24.51	Vertical
7	17997.6042	46.54	43.09	-35.06	54.57	74.00	19.43	Vertical

11n(HT20)_TX_CH_116_Horizontal



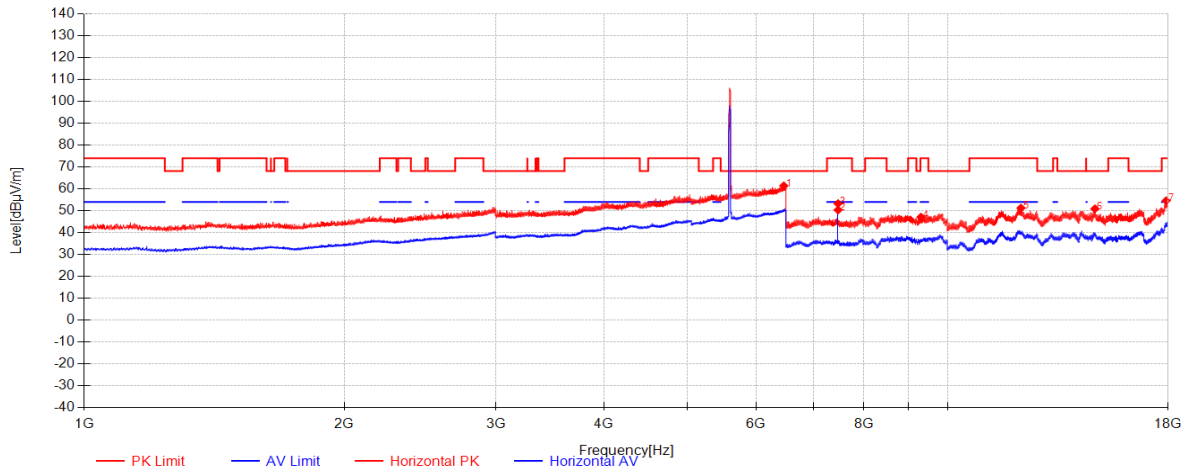
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6490.2692	45.42	35.20	-19.22	61.40	68.20	6.80	Horizontal
2	7439.6458	58.32	36.64	-44.01	50.95	54.00	3.05	Horizontal
3	7439.6458	61.83	36.64	-44.01	54.46	74.00	19.54	Horizontal
4	9544.1458	50.50	38.39	-40.96	47.93	68.20	20.27	Horizontal
5	12138.3542	48.21	39.08	-36.70	50.59	74.00	23.41	Horizontal
6	14806.8333	47.06	39.68	-36.83	49.90	68.20	18.30	Horizontal
7	17952.5625	46.02	42.86	-35.06	53.82	74.00	20.18	Horizontal

11n(HT20)_TX_CH_116_Vertical



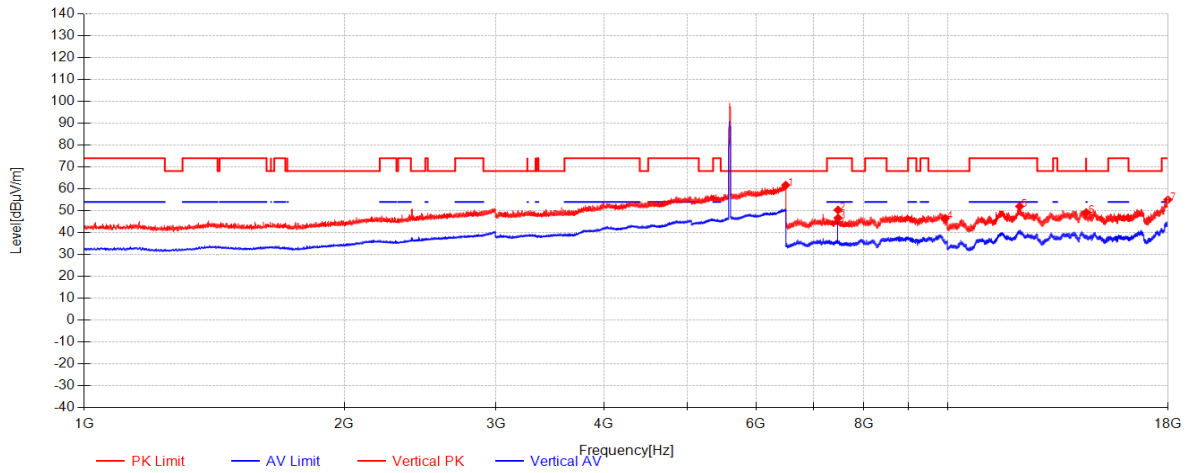
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6450.9231	45.56	35.20	-19.28	61.48	68.20	6.72	Vertical
2	7439.6458	53.89	36.64	-44.01	46.52	54.00	7.48	Vertical
3	7440.125	57.05	36.64	-44.00	49.69	74.00	24.31	Vertical
4	8975.8542	50.88	38.15	-40.81	48.22	68.20	19.98	Vertical
5	12175.25	48.59	39.15	-36.81	50.93	74.00	23.07	Vertical
6	14855.2292	47.26	39.53	-37.58	49.22	68.20	18.98	Vertical
7	17981.3125	47.18	43.01	-35.06	55.12	74.00	18.88	Vertical

11n(HT20)_TX_CH_120_Horizontal



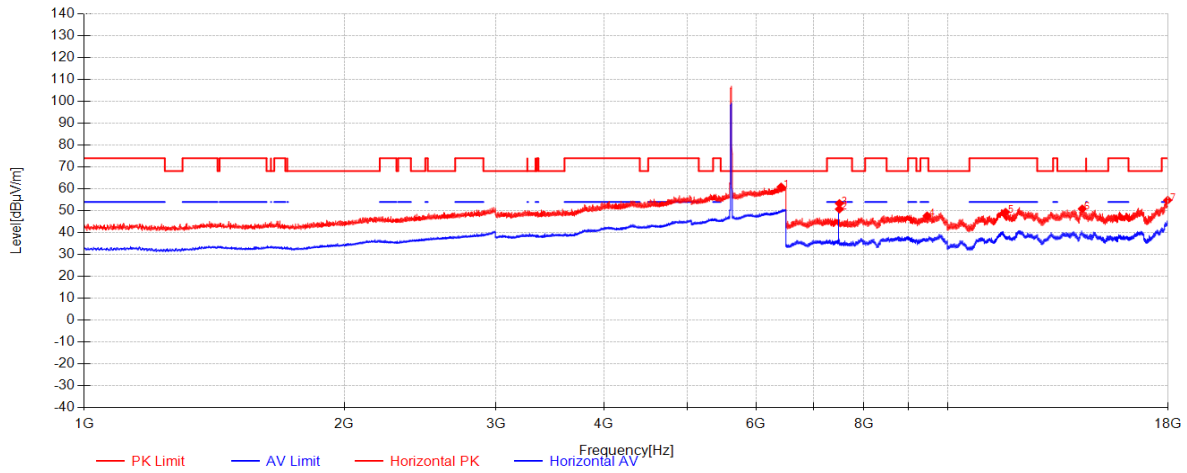
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6460.2308	45.47	35.20	-19.26	61.41	68.20	6.79	Horizontal
2	7466.4792	57.52	36.60	-43.76	50.36	54.00	3.64	Horizontal
3	7466.4792	60.45	36.60	-43.76	53.29	74.00	20.71	Horizontal
4	9312.7083	50.12	38.37	-41.35	47.14	74.00	26.86	Horizontal
5	12159.4375	48.88	39.12	-36.76	51.24	74.00	22.76	Horizontal
6	14811.625	48.15	39.67	-36.91	50.91	68.20	17.29	Horizontal
7	17911.3542	47.05	42.66	-35.07	54.64	74.00	19.36	Horizontal

11n(HT20)_TX_CH_120_Vertical



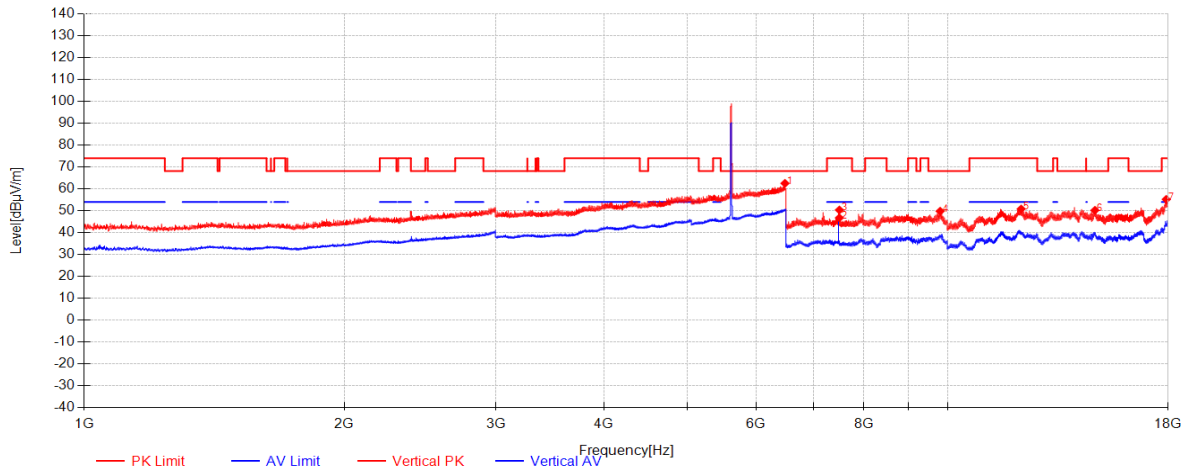
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6494.5	45.74	35.20	-19.21	61.73	68.20	6.47	Vertical
2	7466	57.52	36.60	-43.76	50.36	74.00	23.64	Vertical
3	7466.4792	53.86	36.60	-43.76	46.70	54.00	7.30	Vertical
4	9937.0625	49.23	37.97	-40.65	46.56	68.20	21.64	Vertical
5	12118.7083	49.61	39.04	-36.64	52.00	74.00	22.00	Vertical
6	14471.4167	45.66	39.94	-36.39	49.22	74.00	24.78	Vertical
7	17993.2917	47.02	43.07	-35.06	55.03	74.00	18.97	Vertical

11n(HT20)_TX_CH_124_Horizontal



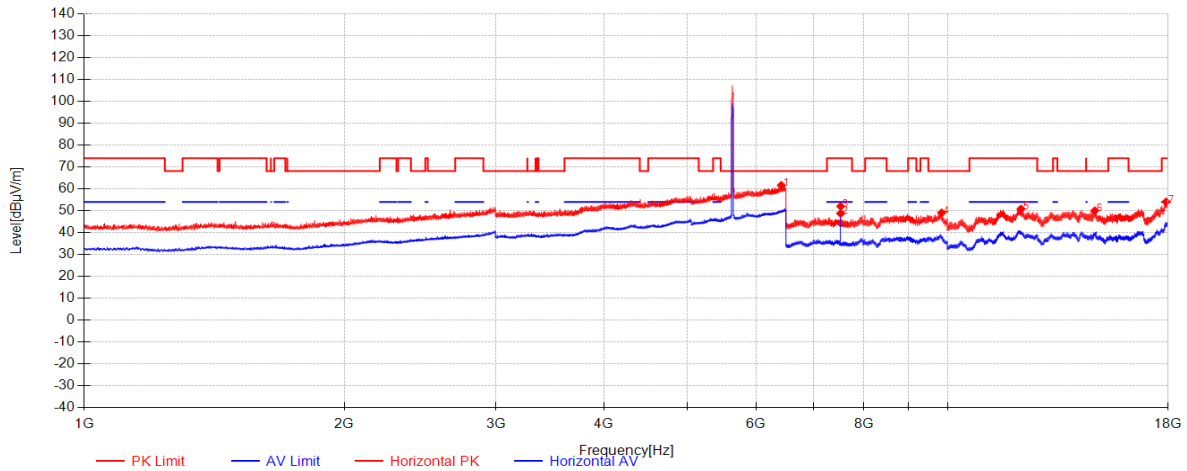
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6414.1154	45.12	35.13	-19.34	60.91	68.20	7.29	Horizontal
2	7492.8333	57.80	36.44	-43.52	50.73	54.00	3.27	Horizontal
3	7493.3125	60.44	36.44	-43.51	53.37	74.00	20.63	Horizontal
4	9468.9167	50.46	38.24	-41.04	47.66	74.00	26.34	Horizontal
5	11669.7292	47.57	38.76	-36.98	49.35	74.00	24.65	Horizontal
6	14319.5208	46.84	39.96	-35.91	50.89	68.20	17.31	Horizontal
7	17985.1458	46.86	43.03	-35.06	54.82	74.00	19.18	Horizontal

11n(HT20)_TX_CH_124_Vertical



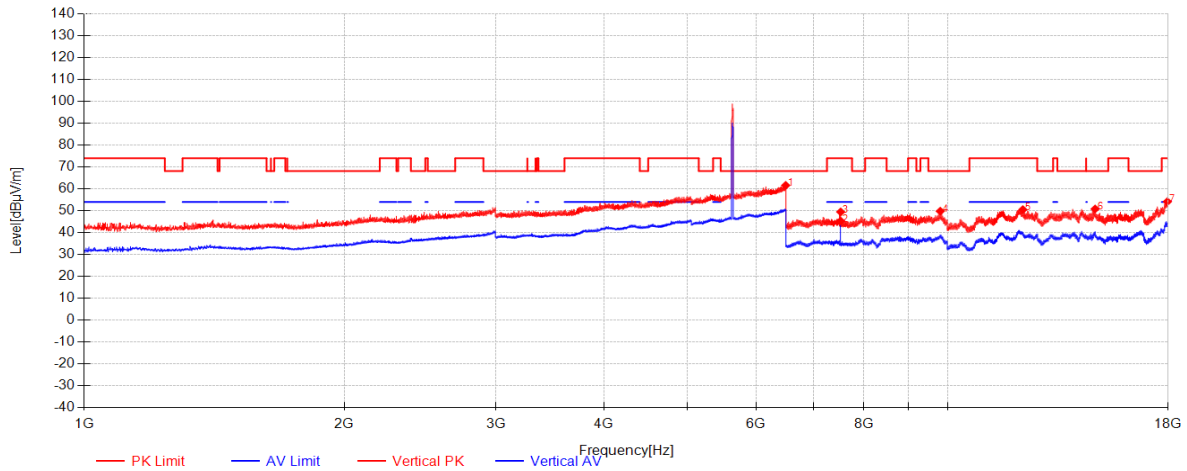
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6481.3846	46.58	35.20	-19.23	62.55	68.20	5.65	Vertical
2	7493.3125	53.85	36.44	-43.51	46.78	54.00	7.22	Vertical
3	7493.3125	57.43	36.44	-43.51	50.36	74.00	23.64	Vertical
4	9804.3333	50.65	38.20	-39.05	49.80	68.20	18.40	Vertical
5	12166.1458	48.47	39.13	-36.78	50.82	74.00	23.18	Vertical
6	14811.625	47.47	39.67	-36.91	50.23	68.20	17.97	Vertical
7	17914.7083	47.62	42.67	-35.07	55.23	74.00	18.77	Vertical

11n(HT20)_TX_CH_128_Horizontal



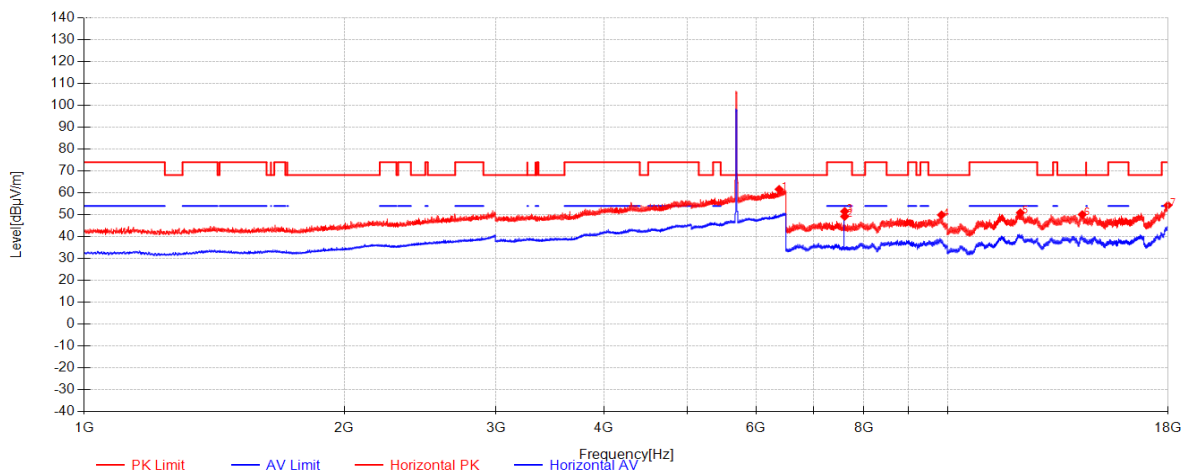
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6417.5	45.87	35.13	-19.33	61.67	68.20	6.53	Horizontal
2	7519.6667	55.99	36.24	-43.45	48.79	54.00	5.21	Horizontal
3	7519.6667	59.22	36.24	-43.45	52.02	74.00	21.98	Horizontal
4	9841.2292	50.32	38.20	-39.42	49.10	68.20	19.10	Horizontal
5	12161.3542	48.49	39.12	-36.77	50.84	74.00	23.16	Horizontal
6	14806.8333	47.17	39.68	-36.83	50.01	68.20	18.19	Horizontal
7	17910.3958	46.50	42.65	-35.07	54.08	74.00	19.92	Horizontal

11n(HT20)_TX_CH_128_Vertical



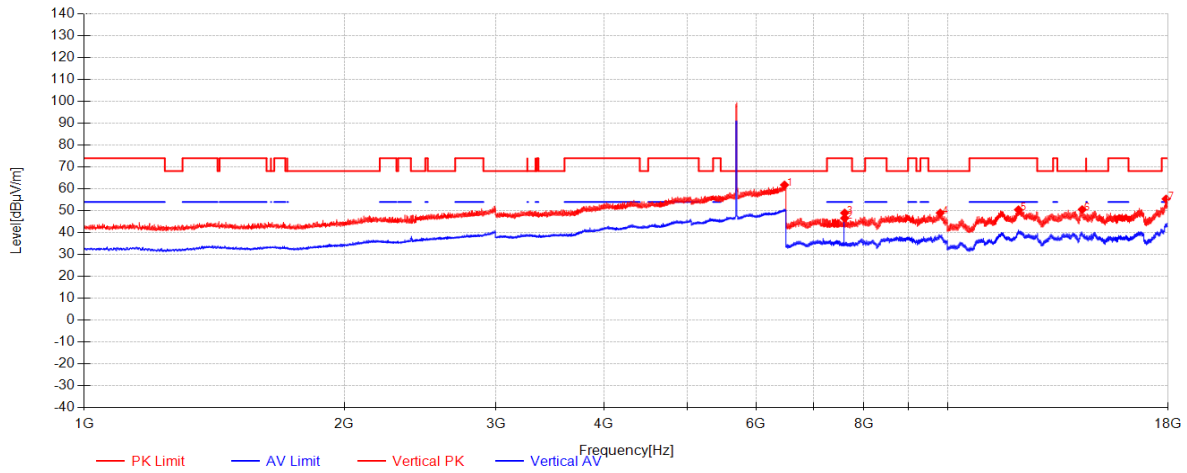
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6493.6538	45.61	35.20	-19.21	61.60	68.20	6.60	Vertical
2	7519.6667	52.49	36.24	-43.45	45.29	54.00	8.71	Vertical
3	7519.6667	56.68	36.24	-43.45	49.48	74.00	24.52	Vertical
4	9807.2083	50.68	38.20	-39.08	49.80	68.20	18.40	Vertical
5	12222.6875	48.45	39.11	-37.02	50.54	74.00	23.46	Vertical
6	14819.2917	48.21	39.64	-37.03	50.83	68.20	17.37	Vertical
7	17969.8125	46.30	42.95	-35.06	54.19	74.00	19.81	Vertical

11n(HT20)_TX_CH_140_Horizontal



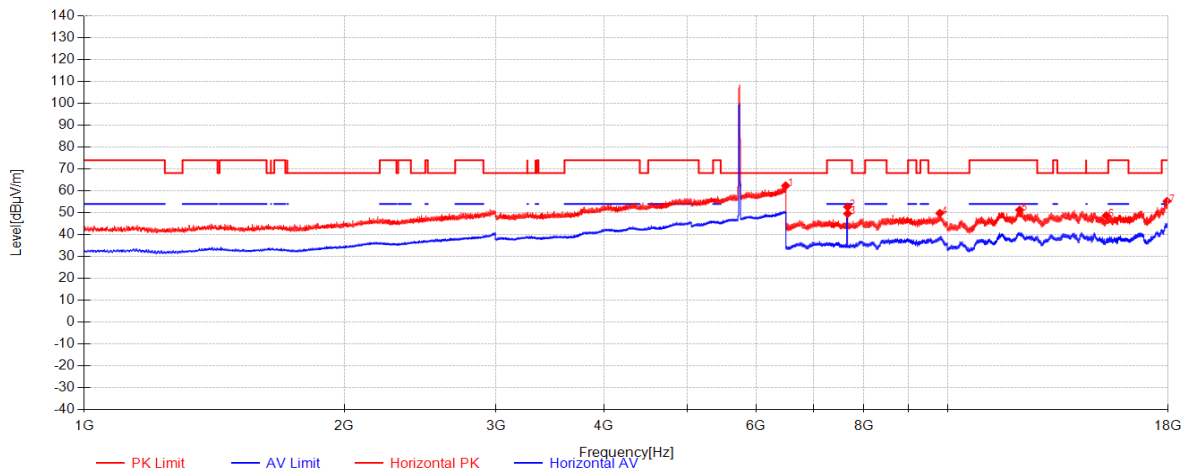
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6381.5385	46.06	34.92	-19.33	61.64	68.20	6.56	Horizontal
2	7599.6875	56.67	36.00	-43.43	49.24	54.00	4.76	Horizontal
3	7599.6875	58.97	36.00	-43.43	51.54	74.00	22.46	Horizontal
4	9840.2708	51.13	38.20	-39.41	49.92	68.20	18.28	Horizontal
5	12141.7083	48.57	39.08	-36.71	50.94	74.00	23.06	Horizontal
6	14322.3958	46.05	39.96	-35.93	50.08	68.20	18.12	Horizontal
7	17996.1667	46.32	43.08	-35.06	54.34	74.00	19.66	Horizontal

11n(HT20)_TX_CH_140_Vertical



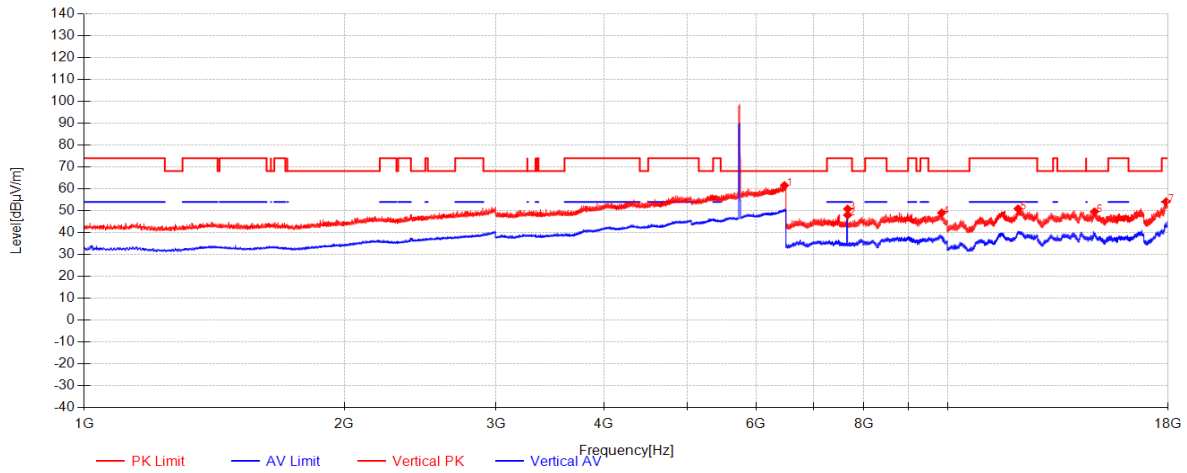
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6473.3462	45.88	35.20	-19.24	61.84	68.20	6.36	Vertical
2	7599.6875	54.03	36.00	-43.43	46.60	54.00	7.40	Vertical
3	7599.6875	56.44	36.00	-43.43	49.01	74.00	24.99	Vertical
4	9806.25	49.88	38.20	-39.07	49.01	68.20	19.19	Vertical
5	12080.375	48.32	38.96	-36.81	50.47	74.00	23.53	Vertical
6	14318.5625	46.49	39.96	-35.90	50.55	68.20	17.65	Vertical
7	17908.9583	47.84	42.64	-35.07	55.42	74.00	18.58	Vertical

11n(HT20)_TX_CH_149_Horizontal



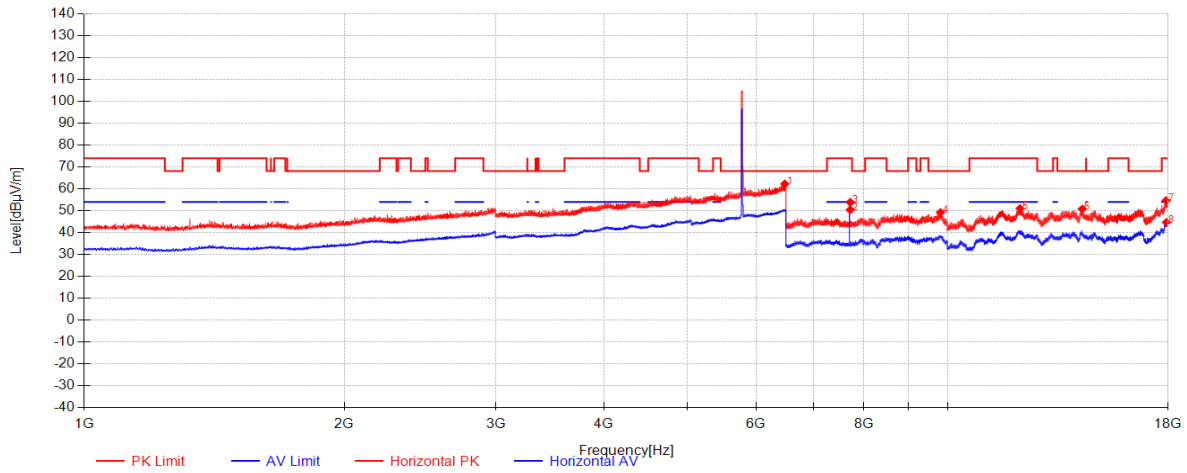
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6493.2308	46.39	35.20	-19.21	62.38	68.20	5.82	Horizontal
2	7659.5833	59.45	36.46	-43.23	52.67	74.00	20.83	Horizontal
3	7660.0625	56.36	36.46	-43.23	49.59	54.00	4.41	Horizontal
4	9795.2292	50.68	38.17	-39.06	49.79	68.20	18.41	Horizontal
5	12117.75	48.88	39.04	-36.64	51.27	74.00	22.73	Horizontal
6	15269.2292	47.31	39.20	-37.81	48.70	68.20	19.50	Horizontal
7	17952.0833	47.50	42.86	-35.06	55.30	74.00	18.70	Horizontal

11n(HT20)_TX_CH_149_Vertical



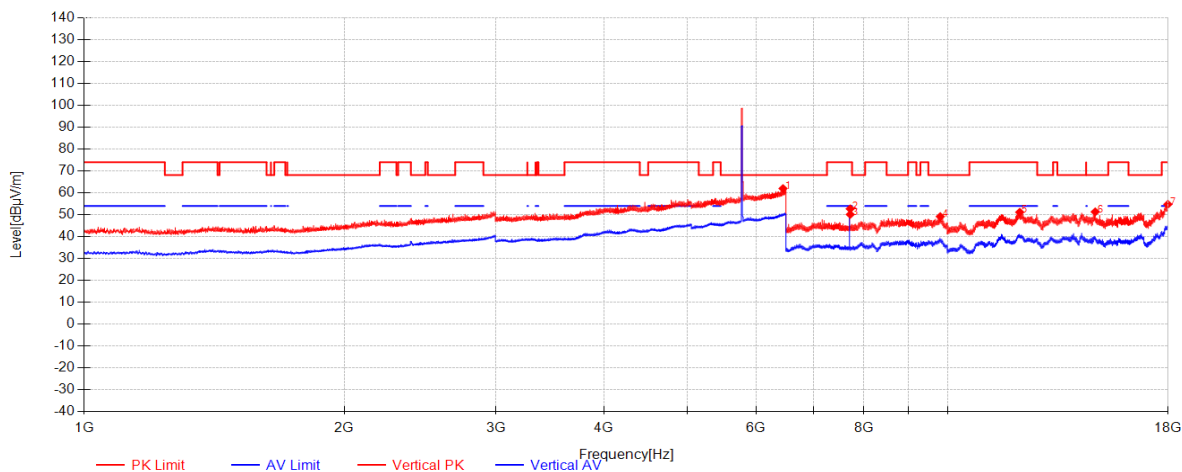
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6472.9231	45.66	35.20	-19.24	61.62	68.20	6.58	Vertical
2	7659.5833	54.81	36.46	-43.23	48.03	54.00	5.97	Vertical
3	7660.0625	57.59	36.46	-43.23	50.82	74.00	23.18	Vertical
4	9843.1458	50.30	38.20	-39.44	49.06	68.20	19.14	Vertical
5	12067.4375	48.95	38.93	-36.96	50.92	74.00	23.08	Vertical
6	14792.4583	46.58	39.70	-36.70	49.58	68.20	18.62	Vertical
7	17909.4375	46.61	42.65	-35.07	54.19	74.00	19.81	Vertical

11n(HT20)_TX_CH_157_Horizontal



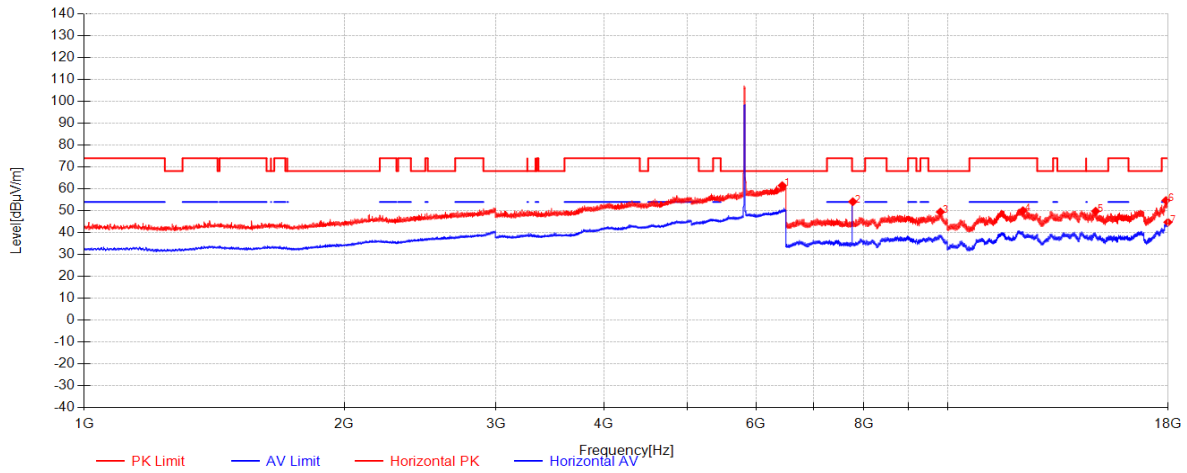
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6477.5769	46.32	35.20	-19.24	62.28	68.20	5.92	Horizontal
2	7713.25	56.85	36.73	-43.12	50.46	54.00	3.54	Horizontal
3	7713.25	60.30	36.73	-43.12	53.91	74.00	20.09	Horizontal
4	9810.0833	50.17	38.20	-39.11	49.26	68.20	18.94	Horizontal
5	12130.6875	48.67	39.06	-36.68	51.05	74.00	22.95	Horizontal
6	14319.5208	46.77	39.96	-35.91	50.82	68.20	17.38	Horizontal
7	17908.9583	47.10	42.64	-35.07	54.68	74.00	19.32	Horizontal
8	17924.2917	37.09	42.72	-35.07	44.74	54.00	9.26	Horizontal

11n(HT20)_TX_CH_157_Vertical



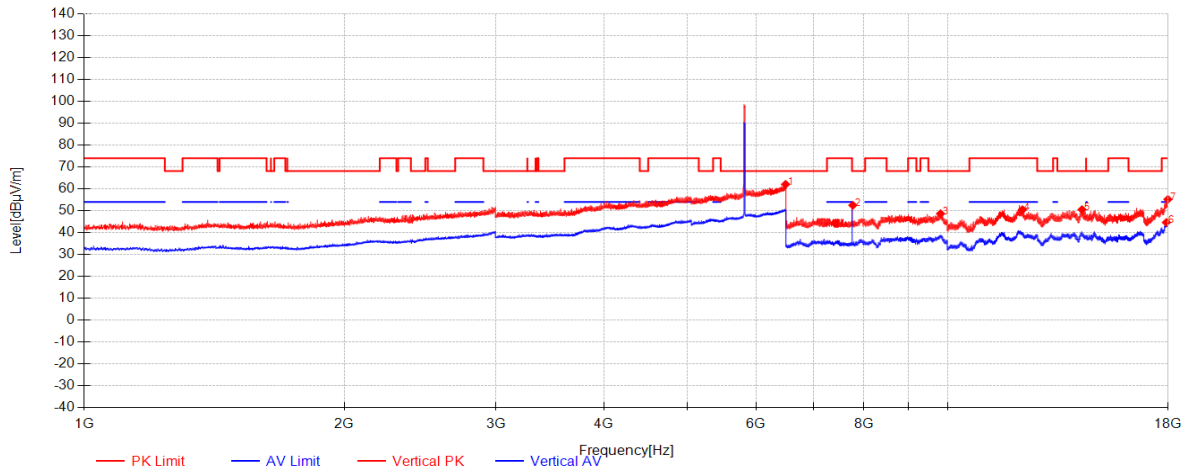
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6447.1154	46.10	35.19	-19.28	62.01	68.20	6.19	Vertical
2	7712.7708	59.12	36.73	-43.12	52.73	74.00	21.27	Vertical
3	7713.25	56.52	36.73	-43.12	50.13	54.00	3.87	Vertical
4	9806.7292	50.06	38.20	-39.08	49.18	68.20	19.02	Vertical
5	12123.0208	48.78	39.05	-36.66	51.17	74.00	22.83	Vertical
6	14823.6042	48.81	39.63	-37.09	51.35	68.20	16.85	Vertical
7	17994.7292	46.77	43.07	-35.06	54.78	74.00	19.22	Vertical

11n(HT20)_TX_CH_165_Horizontal



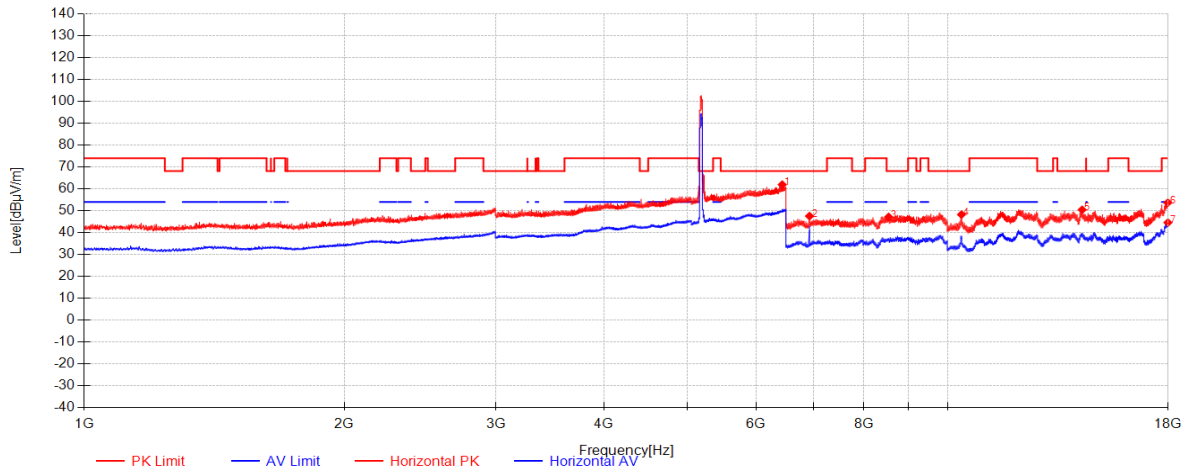
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6434.4231	45.66	35.17	-19.30	61.52	68.20	6.68	Horizontal
2	7766.4375	60.59	36.77	-43.20	54.16	68.20	14.04	Horizontal
3	9810.0833	50.37	38.20	-39.11	49.46	68.20	18.74	Horizontal
4	12225.0833	47.99	39.10	-37.03	50.06	74.00	23.94	Horizontal
5	14841.8125	47.62	39.57	-37.37	49.82	68.20	18.38	Horizontal
6	17903.6875	47.16	42.62	-35.07	54.71	74.00	19.29	Horizontal
7	17998.0833	36.73	43.09	-35.06	44.76	54.00	9.24	Horizontal

11n(HT20)_TX_CH_165_Vertical



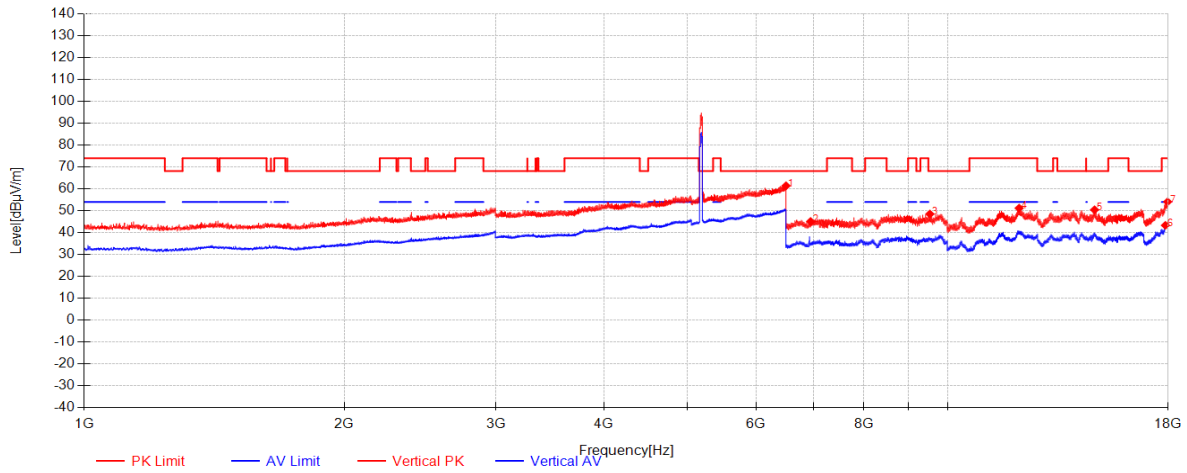
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6491.9615	46.10	35.20	-19.21	62.09	68.20	6.11	Vertical
2	7766.4375	58.95	36.77	-43.20	52.52	68.20	15.68	Vertical
3	9812.4792	49.60	38.20	-39.13	48.67	68.20	19.53	Vertical
4	12209.2708	48.27	39.16	-36.94	50.50	74.00	23.50	Vertical
5	14312.3333	46.40	39.98	-35.86	50.52	68.20	17.68	Vertical
6	17920.9375	37.02	42.70	-35.07	44.66	54.00	9.34	Vertical
7	17995.2083	47.20	43.08	-35.06	55.22	74.00	18.78	Vertical

11n(HT40)_TX_CH_38_Horizontal



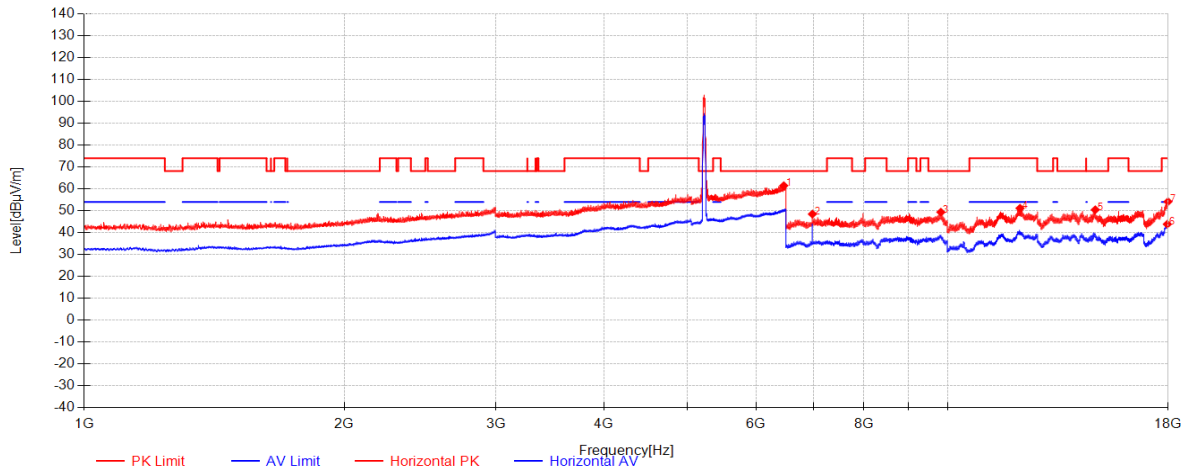
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6433.1538	46.09	35.17	-19.31	61.95	68.20	6.25	Horizontal
2	6919.75	56.59	36.10	-45.13	47.56	68.20	20.64	Horizontal
3	8544.6042	51.61	37.70	-42.10	47.21	68.20	20.99	Horizontal
4	10376.4583	48.79	38.63	-39.16	48.26	68.20	19.94	Horizontal
5	14315.6875	46.35	39.97	-35.88	50.44	68.20	17.76	Horizontal
6	17990.4167	45.72	43.05	-35.06	53.71	74.00	20.29	Horizontal
7	17995.6875	36.58	43.08	-35.06	44.60	54.00	9.40	Horizontal

11n(HT40)_TX_CH_38_Vertical



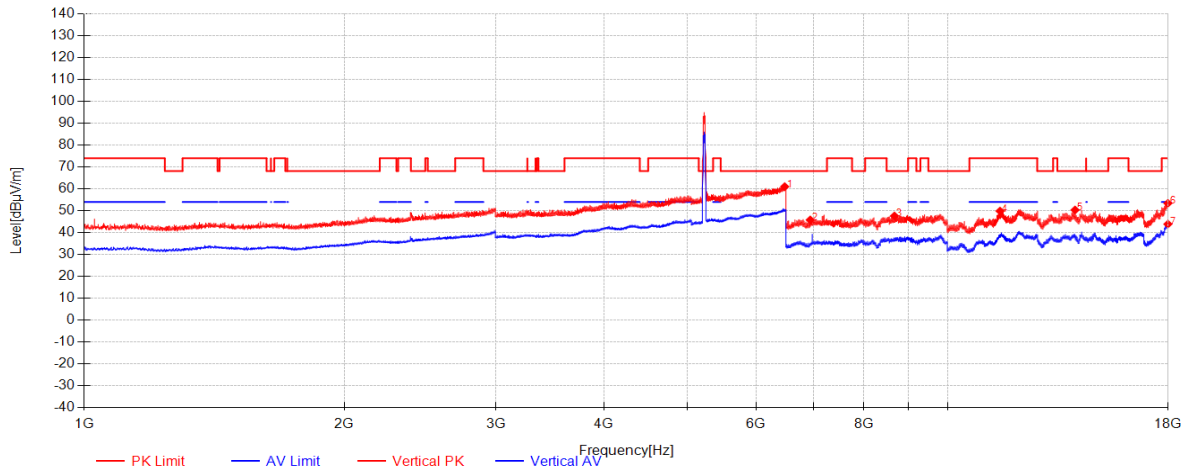
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6499.5769	45.42	35.20	-19.20	61.42	68.20	6.78	Vertical
2	6939.875	53.72	36.10	-44.73	45.09	68.20	23.11	Vertical
3	9538.3958	51.12	38.38	-40.97	48.52	68.20	19.68	Vertical
4	12101.4583	48.79	39.00	-36.59	51.20	74.00	22.80	Vertical
5	14797.25	47.46	39.70	-36.72	50.44	68.20	17.76	Vertical
6	17873.9792	36.46	42.42	-35.54	43.34	54.00	10.66	Vertical
7	17980.8333	46.16	43.00	-35.06	54.10	74.00	19.90	Vertical

11n(HT40)_TX_CH_46_Horizontal



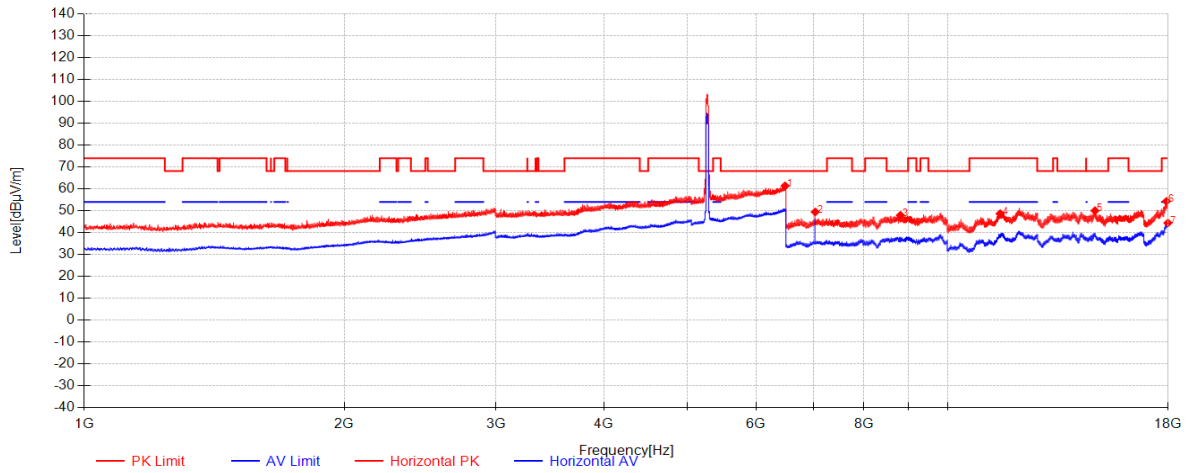
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6460.2308	45.54	35.20	-19.26	61.48	68.20	6.72	Horizontal
2	6972.9375	56.51	36.05	-44.08	48.49	68.20	19.71	Horizontal
3	9823.0208	50.39	38.20	-39.24	49.35	68.20	18.85	Horizontal
4	12131.6458	48.77	39.06	-36.68	51.15	74.00	22.85	Horizontal
5	14825.5208	47.97	39.62	-37.12	50.47	68.20	17.73	Horizontal
6	17966.4583	35.97	42.93	-35.06	43.84	54.00	10.16	Horizontal
7	17997.6042	46.14	43.09	-35.06	54.17	74.00	19.83	Horizontal

11n(HT40)_TX_CH_46_Verical



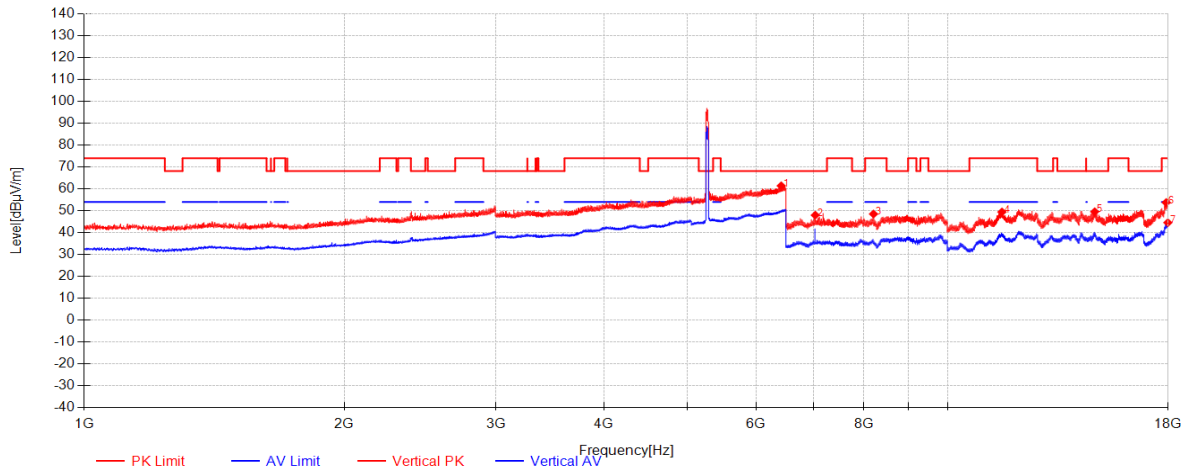
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6476.7308	45.08	35.20	-19.24	61.04	68.20	7.16	Vertical
2	6932.2083	54.59	36.10	-44.88	45.81	68.20	22.39	Vertical
3	8677.8125	51.77	37.82	-41.97	47.63	68.20	20.57	Vertical
4	11500.5833	48.02	38.90	-37.05	49.87	74.00	24.13	Vertical
5	14047.8333	46.53	39.96	-36.13	50.36	68.20	17.84	Vertical
6	17994.25	45.39	43.07	-35.06	53.40	74.00	20.60	Vertical
7	17996.1667	35.88	43.08	-35.06	43.90	54.00	10.10	Vertical

11n(HT40)_TX_CH_54_Horizontal



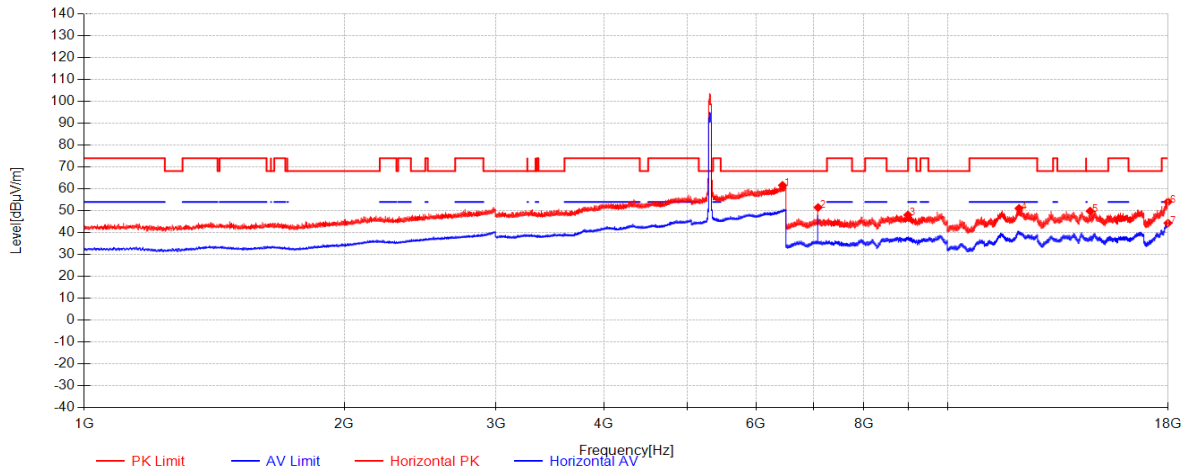
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.0769	45.43	35.20	-19.23	61.40	68.20	6.80	Horizontal
2	7026.125	57.14	35.95	-43.61	49.48	68.20	18.72	Horizontal
3	8817.25	51.56	37.87	-41.48	47.94	68.20	20.26	Horizontal
4	11505.8542	46.79	38.90	-37.02	48.67	74.00	25.33	Horizontal
5	14814.9792	47.35	39.66	-36.96	50.05	68.20	18.15	Horizontal
6	17925.25	46.68	42.73	-35.07	54.34	74.00	19.66	Horizontal
7	17995.2083	36.40	43.08	-35.06	44.42	54.00	9.58	Horizontal

11n(HT40)_TX_CH_54_Vertical



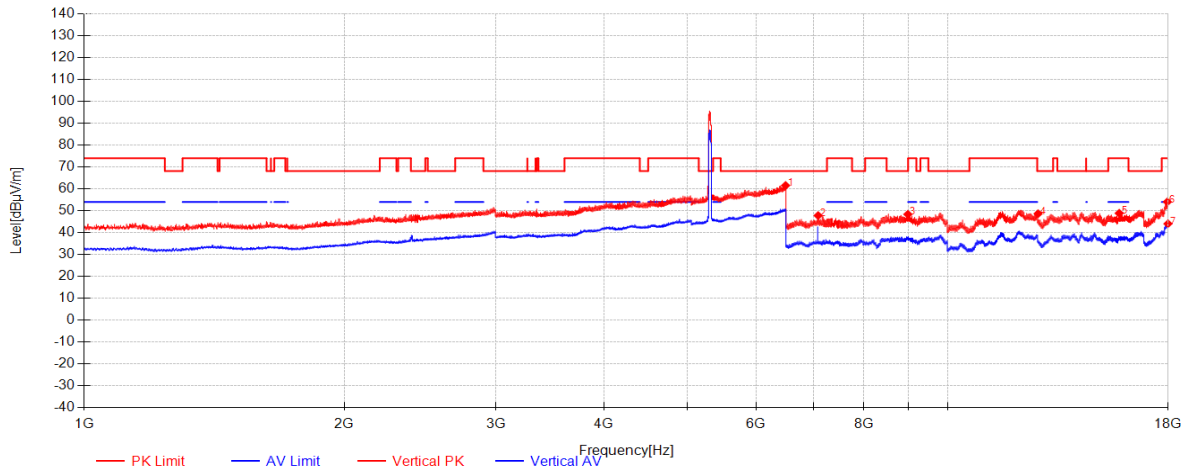
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6416.6538	45.62	35.13	-19.33	61.42	68.20	6.78	Vertical
2	7026.125	55.64	35.95	-43.61	47.98	68.20	20.22	Vertical
3	8206.7917	53.56	37.39	-42.44	48.51	74.00	25.49	Vertical
4	11559.5208	47.27	38.90	-36.74	49.43	74.00	24.57	Vertical
5	14803.9583	46.65	39.69	-36.79	49.55	68.20	18.65	Vertical
6	17913.75	46.16	42.67	-35.07	53.76	74.00	20.24	Vertical
7	17992.3333	36.57	43.06	-35.06	44.57	54.00	9.43	Vertical

11n(HT40)_TX_CH_62_Horizontal



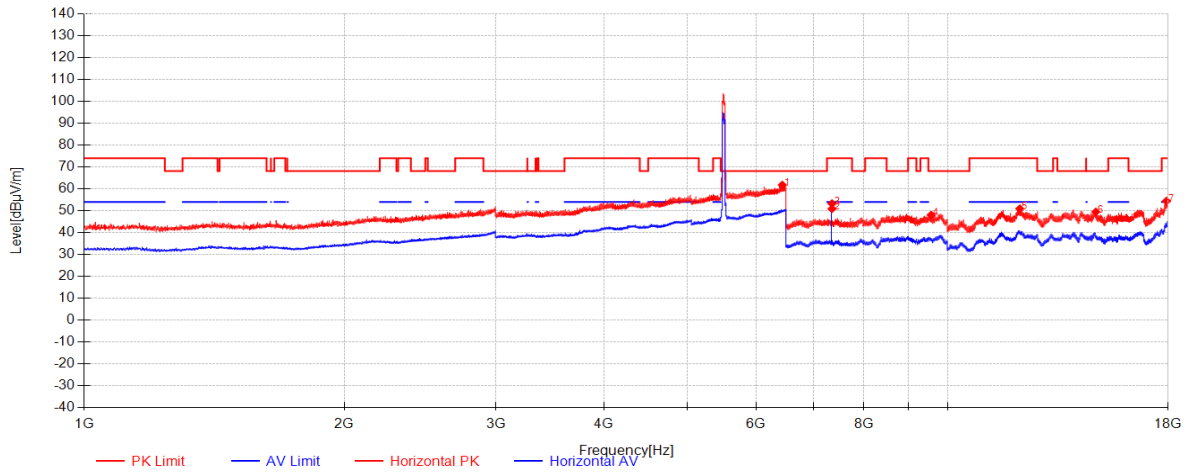
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6438.6538	45.78	35.18	-19.30	61.66	68.20	6.54	Horizontal
2	7079.3125	59.19	36.08	-43.75	51.51	68.20	16.69	Horizontal
3	8995.5	50.53	38.19	-40.63	48.09	68.20	20.11	Horizontal
4	12099.0625	48.68	39.00	-36.60	51.08	74.00	22.92	Horizontal
5	14625.2292	47.15	39.70	-36.98	49.87	68.20	18.33	Horizontal
6	17999.0417	46.06	43.10	-35.06	54.10	74.00	19.90	Horizontal
7	17999.5208	36.32	43.10	-35.06	44.36	54.00	9.64	Horizontal

11n(HT40)_TX_CH_62_Vertical



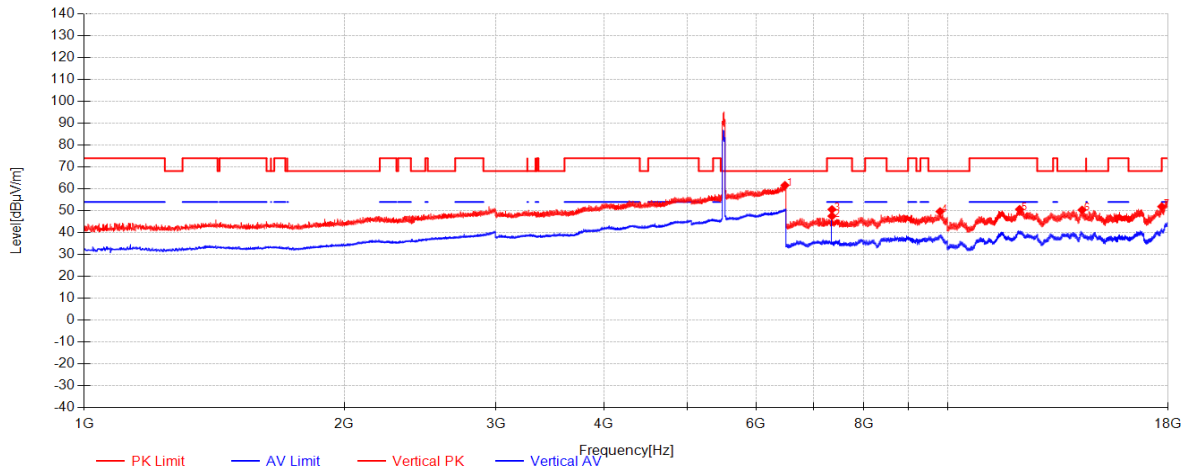
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6491.5385	45.57	35.20	-19.21	61.56	68.20	6.64	Vertical
2	7079.7917	55.50	36.08	-43.76	47.82	68.20	20.38	Vertical
3	8993.5833	50.86	38.19	-40.65	48.40	68.20	19.80	Vertical
4	12728.2083	47.62	39.47	-38.45	48.65	68.20	19.55	Vertical
5	15803.0208	46.58	39.59	-37.31	48.86	74.00	25.14	Vertical
6	17968.375	46.19	42.94	-35.06	54.07	74.00	19.93	Vertical
7	17998.0833	36.04	43.09	-35.06	44.07	54.00	9.93	Vertical

11n(HT40)_TX_CH_102_Horizontal



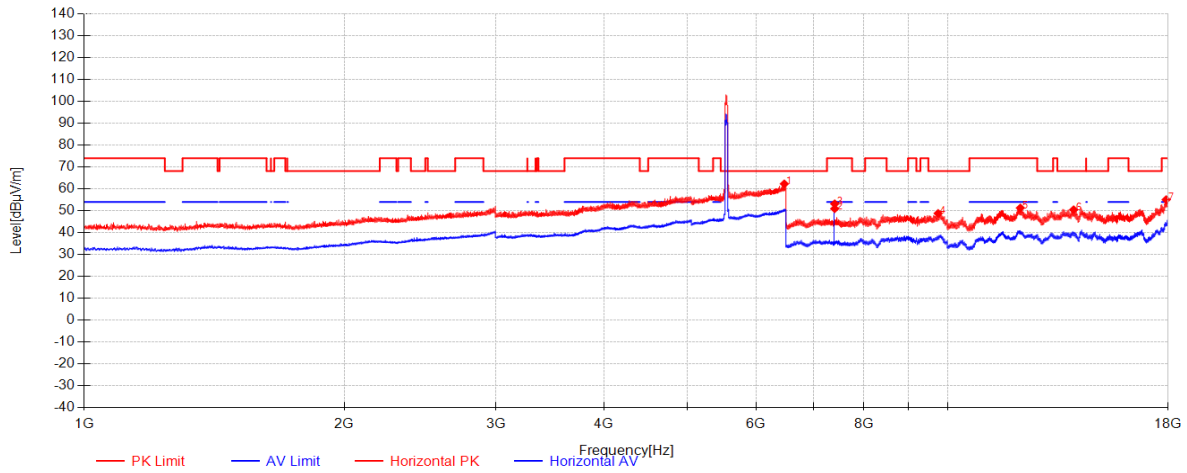
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6434.8462	45.92	35.17	-19.30	61.79	68.20	6.41	Horizontal
2	7346.2083	58.60	36.31	-44.01	50.89	54.00	3.11	Horizontal
3	7346.6875	61.00	36.31	-44.02	53.29	74.00	20.71	Horizontal
4	9570.5	50.56	38.36	-40.88	48.04	68.20	20.16	Horizontal
5	12121.5833	48.57	39.04	-36.65	50.96	74.00	23.04	Horizontal
6	14846.125	47.36	39.56	-37.44	49.49	68.20	18.71	Horizontal
7	17926.2083	46.81	42.73	-35.07	54.47	74.00	19.53	Horizontal

11n(HT40)_TX_CH_102_Vertical



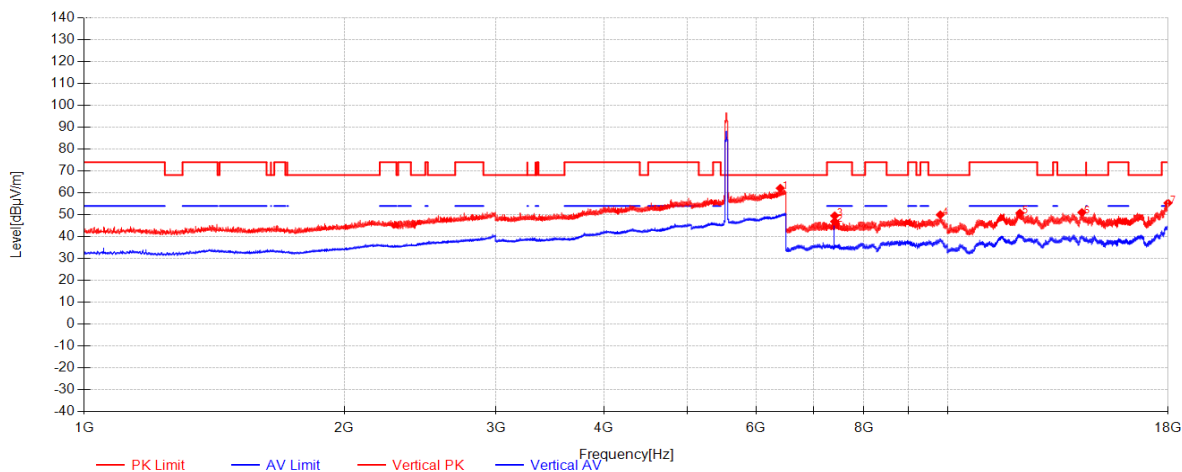
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6480.9615	45.70	35.20	-19.23	61.67	68.20	6.53	Vertical
2	7346.2083	55.28	36.31	-44.01	47.57	54.00	6.43	Vertical
3	7346.2083	58.31	36.31	-44.01	50.60	74.00	23.40	Vertical
4	9800.9792	50.46	38.20	-39.02	49.64	68.20	18.56	Vertical
5	12116.3125	48.27	39.03	-36.64	50.67	74.00	23.33	Vertical
6	14313.2917	46.26	39.97	-35.86	50.37	68.20	17.83	Vertical
7	17703.3958	45.64	41.22	-34.97	51.90	74.00	22.10	Vertical

11n(HT40)_TX_CH_110_Horizontal



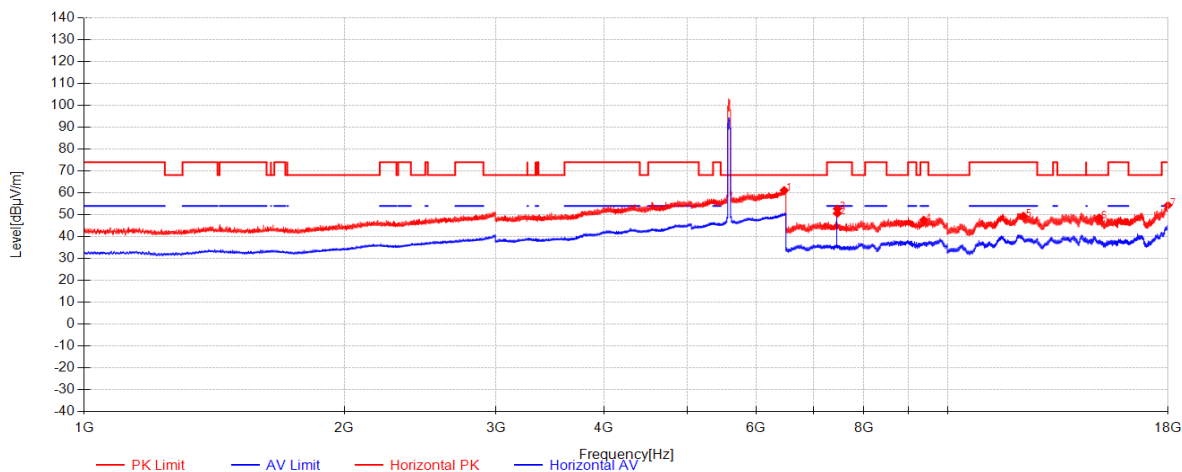
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6469.5385	46.37	35.20	-19.25	62.32	68.20	5.88	Horizontal
2	7399.875	58.90	36.40	-44.37	50.93	54.00	3.07	Horizontal
3	7399.875	61.17	36.40	-44.37	53.20	74.00	20.80	Horizontal
4	9751.1458	50.44	37.91	-39.55	48.79	68.20	19.41	Horizontal
5	12140.2708	48.94	39.08	-36.71	51.31	74.00	22.69	Horizontal
6	13995.6042	46.36	40.08	-35.97	50.48	68.20	17.72	Horizontal
7	17913.2708	47.49	42.67	-35.07	55.09	74.00	18.91	Horizontal

11n(HT40)_TX_CH_110_Vertical



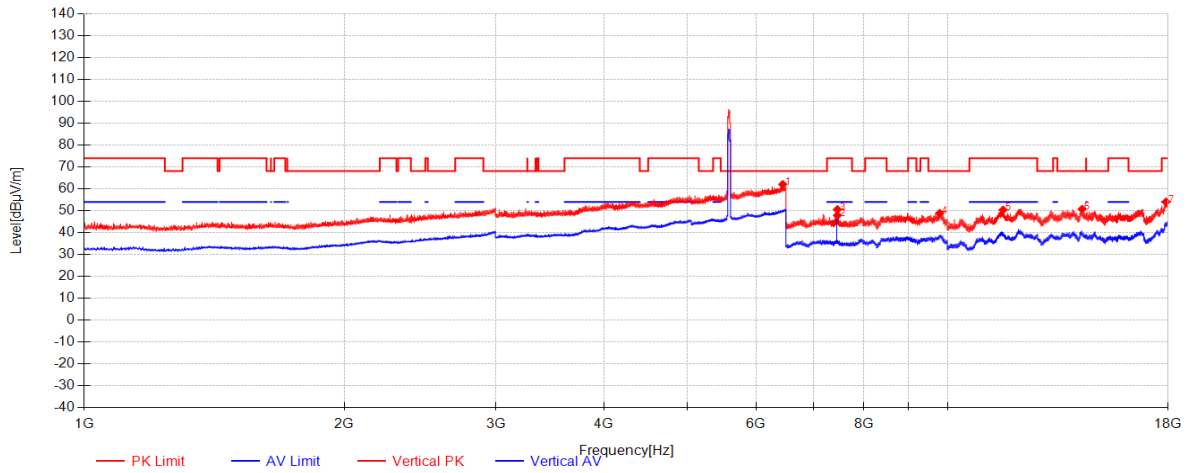
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6400.5769	46.41	35.10	-19.36	62.15	68.20	6.05	Vertical
2	7399.875	54.85	36.40	-44.37	46.88	54.00	7.12	Vertical
3	7399.875	57.54	36.40	-44.37	49.57	74.00	24.43	Vertical
4	9806.7292	50.86	38.20	-39.08	49.98	68.20	18.22	Vertical
5	12127.8125	48.39	39.06	-36.67	50.77	74.00	23.23	Vertical
6	14307.5417	46.89	39.98	-35.82	51.05	68.20	17.15	Vertical
7	18000	47.34	43.10	-35.06	55.38	74.00	18.62	Vertical

11n(HT40)_TX_CH_118_Horizontal



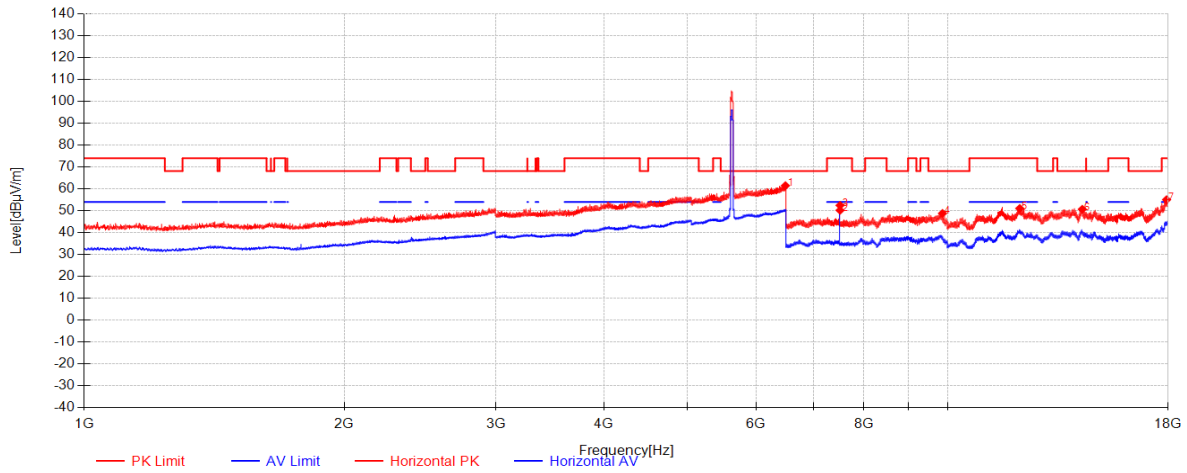
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6468.2692	45.23	35.20	-19.25	61.18	68.20	7.02	Horizontal
2	7453.0625	57.84	36.68	-43.88	50.64	54.00	3.36	Horizontal
3	7453.0625	59.93	36.68	-43.88	52.73	74.00	20.77	Horizontal
4	9382.6667	50.38	38.23	-41.02	47.59	74.00	26.41	Horizontal
5	12241.375	47.50	39.03	-37.13	49.41	74.00	24.59	Horizontal
6	14982.2083	46.89	39.48	-37.75	48.62	68.20	19.58	Horizontal
7	17996.1667	46.32	43.08	-35.06	54.34	74.00	19.66	Horizontal

11n(HT40)_TX_CH_118_Vertical



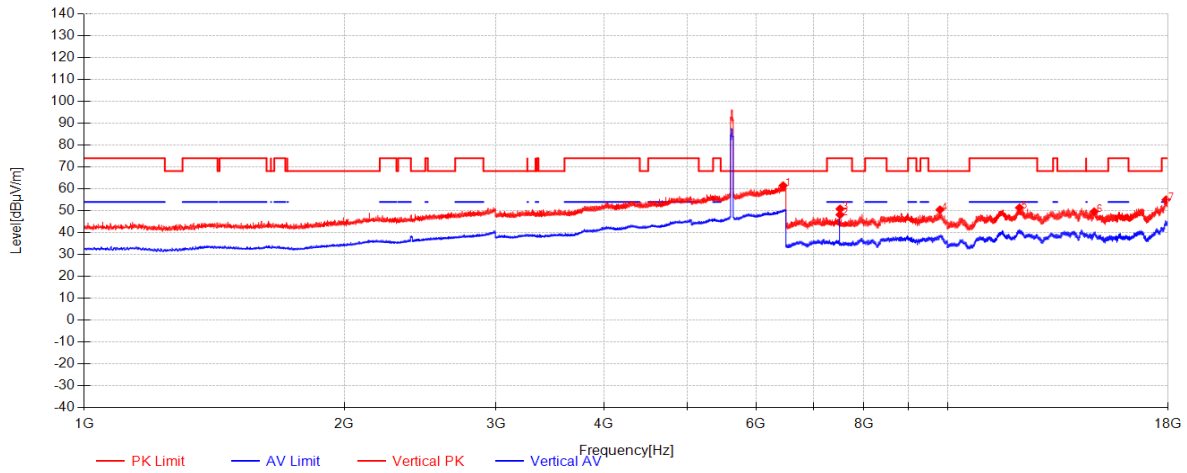
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6442.8846	46.22	35.19	-19.29	62.11	68.20	6.09	Vertical
2	7453.0625	55.07	36.68	-43.88	47.87	54.00	6.13	Vertical
3	7453.0625	57.79	36.68	-43.88	50.59	74.00	23.41	Vertical
4	9791.875	49.81	38.15	-39.10	48.86	68.20	19.34	Vertical
5	11592.5833	48.06	38.90	-36.57	50.39	74.00	23.61	Vertical
6	14312.8125	46.65	39.97	-35.86	50.76	68.20	17.44	Vertical
7	17905.125	46.53	42.63	-35.07	54.09	74.00	19.91	Vertical

11n(HT40)_TX_CH_126_Horizontal



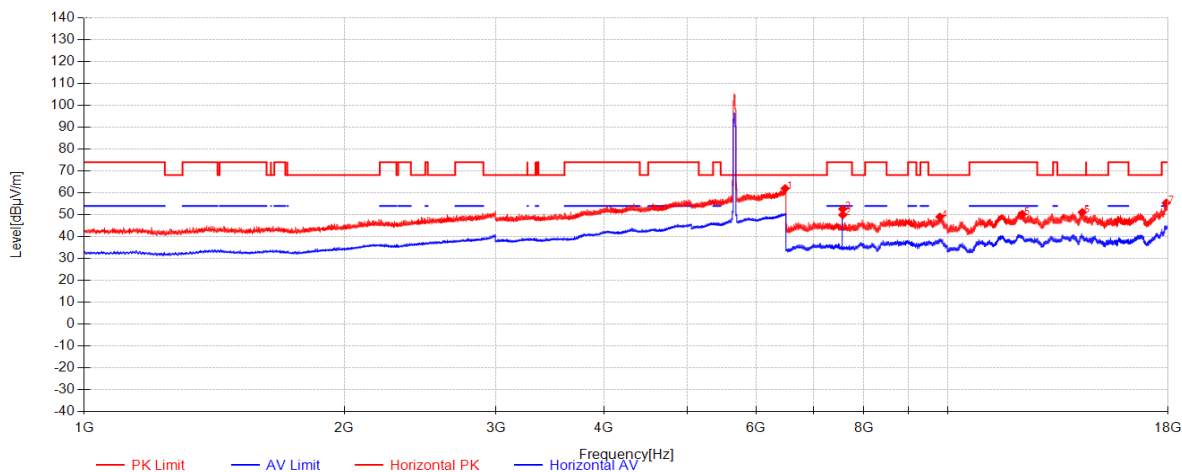
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6489.4231	45.51	35.20	-19.22	61.49	68.20	6.71	Horizontal
2	7506.25	57.29	36.35	-43.45	50.19	54.00	3.81	Horizontal
3	7506.25	59.57	36.35	-43.45	52.47	74.00	21.53	Horizontal
4	9864.2292	50.33	38.11	-39.65	48.80	68.20	19.40	Horizontal
5	12121.1042	48.68	39.04	-36.65	51.07	74.00	22.93	Horizontal
6	14322.875	46.67	39.95	-35.93	50.69	68.20	17.51	Horizontal
7	17931.9583	47.39	42.76	-35.07	55.08	74.00	18.92	Horizontal

11n(HT40)_TX_CH_126_Vertical



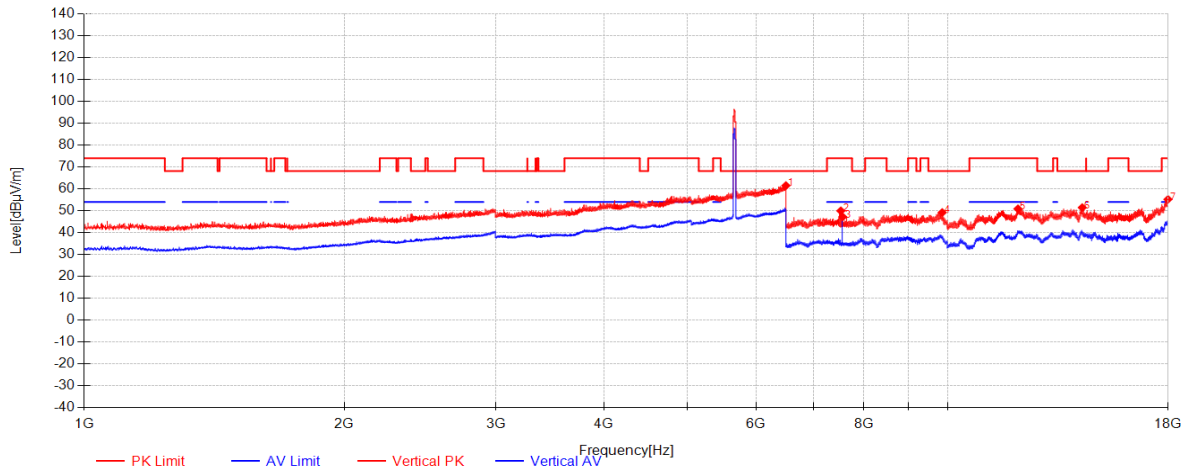
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6448.8077	45.59	35.20	-19.28	61.51	68.20	6.69	Vertical
2	7506.25	55.28	36.35	-43.45	48.18	54.00	5.82	Vertical
3	7506.7292	57.98	36.35	-43.45	50.88	74.00	23.12	Vertical
4	9798.1042	51.30	38.19	-39.03	50.46	68.20	17.74	Vertical
5	12113.4375	48.98	39.03	-36.63	51.38	74.00	22.62	Vertical
6	14782.3958	46.56	39.70	-36.66	49.60	68.20	18.60	Vertical
7	17906.0833	47.49	42.63	-35.07	55.05	74.00	18.95	Vertical

11n(HT40)_TX_CH_134_Horizontal



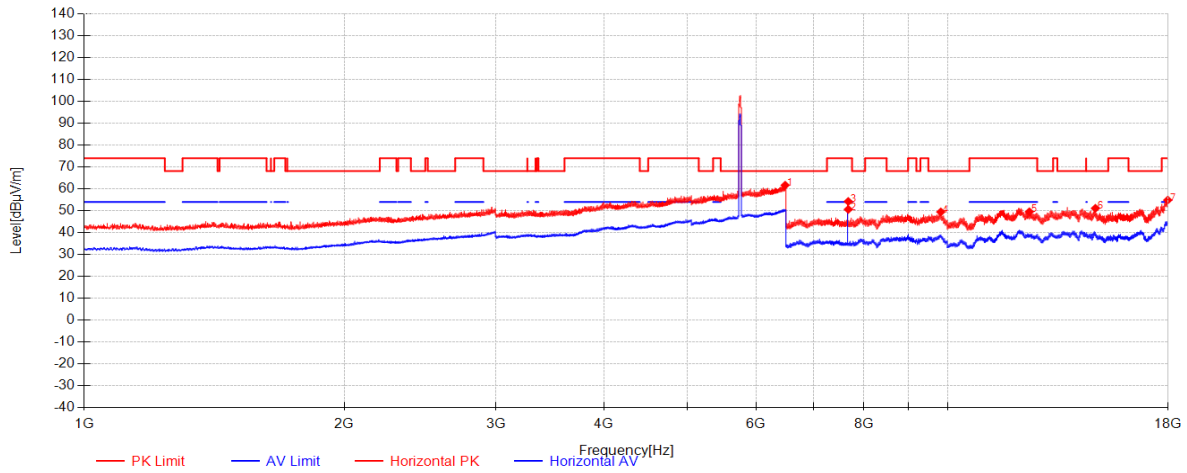
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6483.5	46.08	35.20	-19.23	62.05	68.20	6.15	Horizontal
2	7559.9167	57.38	36.00	-43.44	49.94	54.00	4.06	Horizontal
3	7559.9167	60.07	36.00	-43.44	52.63	74.00	21.37	Horizontal
4	9797.1458	49.88	38.18	-39.04	49.02	68.20	19.18	Horizontal
5	12200.1667	47.94	39.20	-36.88	50.26	74.00	23.74	Horizontal
6	14319.0417	47.05	39.96	-35.91	51.11	68.20	17.09	Horizontal
7	17913.2708	47.82	42.67	-35.07	55.42	74.00	18.58	Horizontal

11n(HT40)_TX_CH_134_Vertical



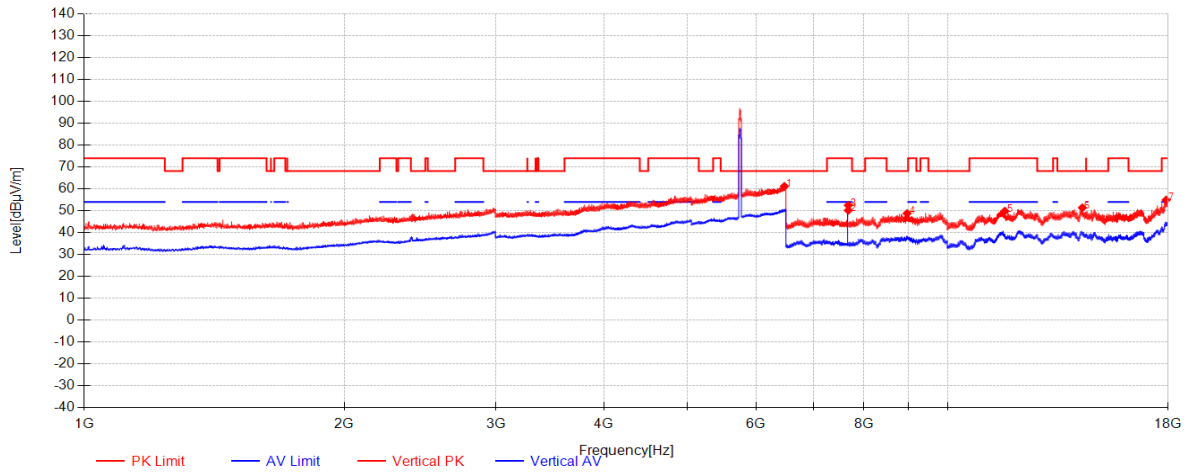
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6497.0385	45.51	35.20	-19.20	61.51	68.20	6.69	Vertical
2	7522.0625	57.18	36.22	-43.45	49.96	74.00	24.04	Vertical
3	7559.9167	54.63	36.00	-43.44	47.19	54.00	6.81	Vertical
4	9857.0417	50.63	38.16	-39.57	49.21	68.20	18.99	Vertical
5	12062.6458	48.98	38.93	-37.02	50.89	74.00	23.11	Vertical
6	14320	47.42	39.96	-35.91	51.47	68.20	16.73	Vertical
7	17998.5625	47.20	43.09	-35.06	55.23	74.00	18.77	Vertical

11n(HT40)_TX_CH_151_Horizontal



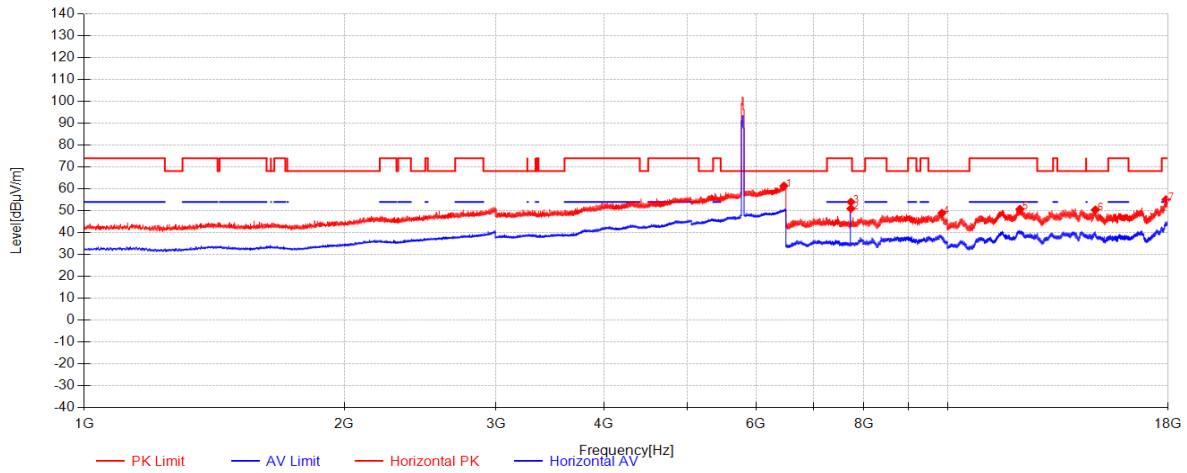
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6484.3462	45.73	35.20	-19.23	61.70	68.20	6.50	Horizontal
2	7673	57.28	36.54	-43.19	50.63	54.00	3.37	Horizontal
3	7673	60.91	36.54	-43.19	54.26	74.00	19.74	Horizontal
4	9820.1458	50.47	38.20	-39.21	49.46	68.20	18.74	Horizontal
5	12436.875	48.60	39.03	-38.07	49.55	74.00	24.45	Horizontal
6	14830.7917	48.72	39.61	-37.20	51.13	68.20	17.07	Horizontal
7	17989.4583	46.89	43.05	-35.06	54.88	74.00	19.12	Horizontal

11n(HT40)_TX_CH_151_Vertical



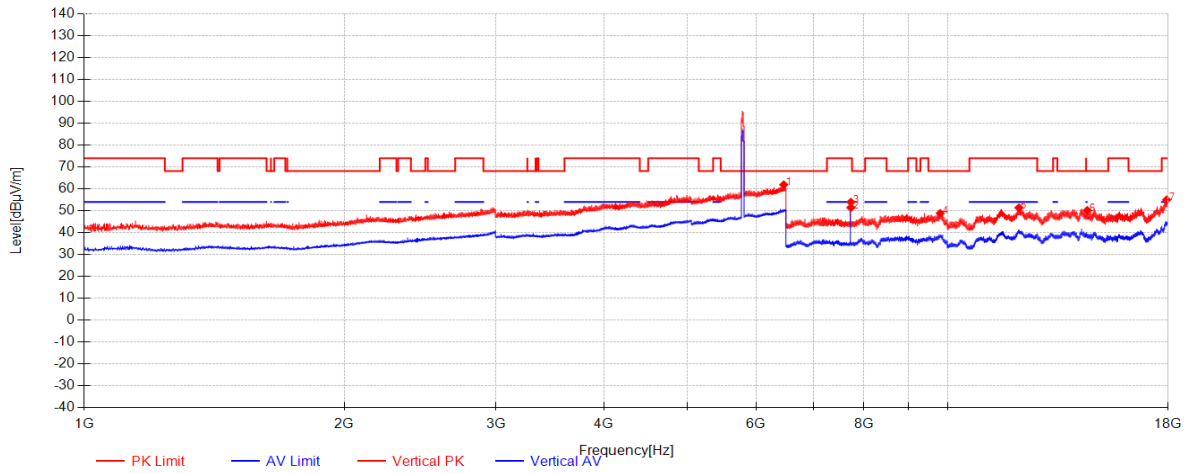
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6471.2308	45.27	35.20	-19.25	61.22	68.20	6.98	Vertical
2	7673	56.82	36.54	-43.19	50.17	54.00	3.83	Vertical
3	7673	59.14	36.54	-43.19	52.49	74.00	21.51	Vertical
4	8975.8542	51.46	38.15	-40.81	48.80	68.20	19.40	Vertical
5	11648.6458	47.90	38.80	-36.84	49.86	74.00	24.14	Vertical
6	14322.875	47.37	39.95	-35.93	51.39	68.20	16.81	Vertical
7	17911.3542	47.36	42.66	-35.07	54.95	74.00	19.05	Vertical

11n(HT40)_TX_CH_159_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6463.6154	45.47	35.20	-19.26	61.41	68.20	6.79	Horizontal
2	7726.1875	57.36	36.75	-43.14	50.97	54.00	3.03	Horizontal
3	7726.6667	60.41	36.75	-43.14	54.02	74.00	19.98	Horizontal
4	9848.8958	50.21	38.20	-39.49	48.92	68.20	19.28	Horizontal
5	12126.8542	48.37	39.05	-36.67	50.76	74.00	23.24	Horizontal
6	14828.3958	47.97	39.61	-37.16	50.42	68.20	17.78	Horizontal
7	17900.8125	47.58	42.60	-35.07	55.11	74.00	18.89	Horizontal

11n(HT40)_TX_CH_159_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	6459.3846	46.00	35.20	-19.26	61.94	68.20	6.26	Vertical
2	7726.1875	57.82	36.75	-43.14	51.43	54.00	3.57	Vertical
3	7726.1875	60.35	36.75	-43.14	53.96	74.00	20.04	Vertical
4	9804.8125	49.69	38.20	-39.06	48.83	68.20	19.37	Vertical
5	12093.3125	49.07	38.99	-36.67	51.39	74.00	22.61	Vertical
6	14511.1875	46.66	39.97	-36.45	50.18	68.20	18.02	Vertical
7	17935.7917	47.31	42.78	-35.07	55.02	74.00	18.98	Vertical

7.4 Radiated Emissions which fall in the restricted bands

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

Test Method: ANSI C63.10-2020/Cor1-2023 Section 6.10.5 & 12.7.2

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: 24 °C

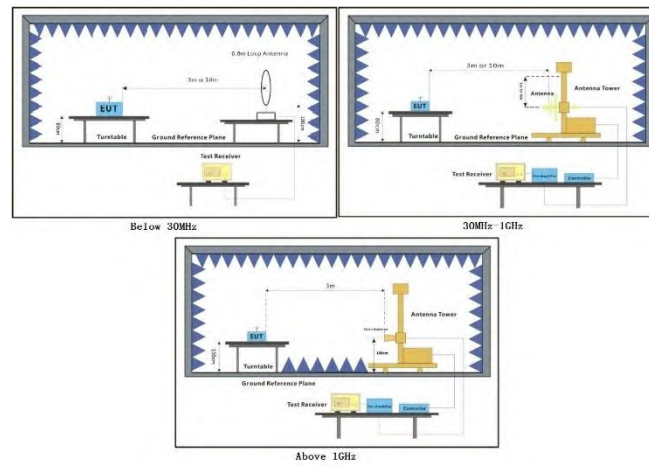
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

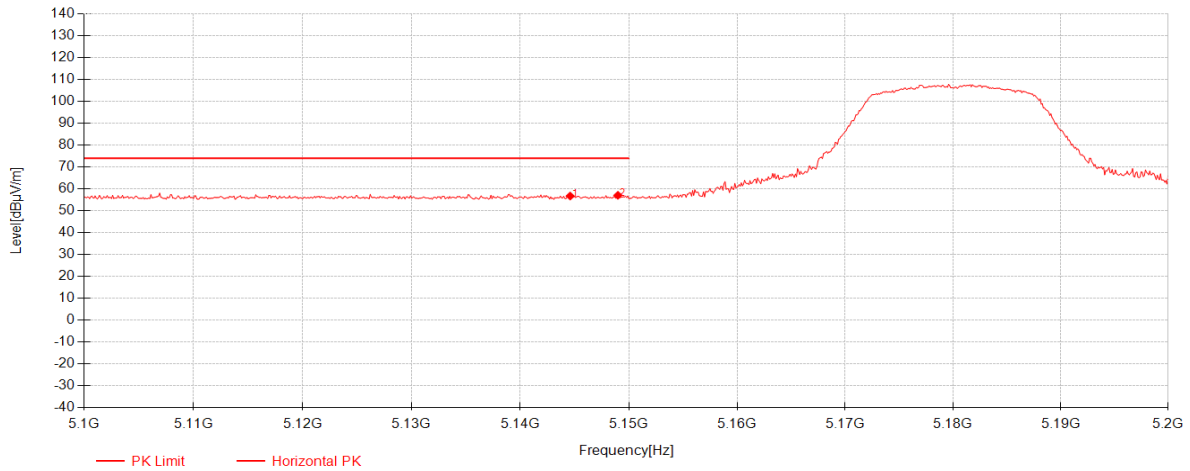
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5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

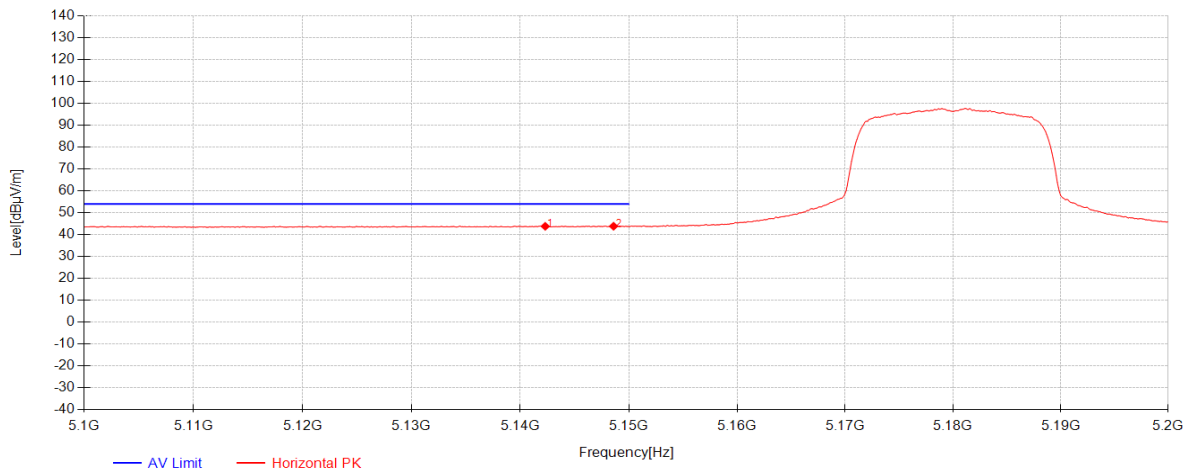
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

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	5144.6	43.63	33.24	-20.13	56.74	74.00	17.26	Horizontal
2	5149	43.99	33.21	-20.11	57.08	74.00	16.92	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	5142.3	30.67	33.26	-20.14	43.80	54.00	10.20	Horizontal
2	5148.6	30.74	33.21	-20.11	43.84	54.00	10.16	Horizontal