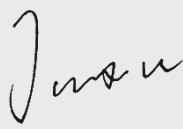


Test report No:
2570578R.706B

FCC TEST REPORT

Product Name	Mobile Computer
Model and /or type reference	PM84PW
Trademark	N/A
FCC ID	V2X-PM84PW
Applicant's name / address	POINT MOBILE Co., Ltd. A-26F, Building Gasan Publik 178, Digital-ro, Geumcheon-gu Seoul, 08513 Republic of Korea
Test method requested, standard	47 CFR FCC Part 15 (Section 15.407) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu/Project Engineer 
Approved by (name / position & signature)	Frank He/Technical Manager 
Date of issue	2025-12-30
Report Version	V1.1
Report template No	Template_FCC Part 15E-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location A	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Location B	No. 8213, Fanhua Avenue, Baohe District, Hefei City, Anhui Province, China
Date(receive sample)	Aug. 04, 2025
Date (start test)	Aug. 09, 2025
Date (finish test)	Nov. 10, 2025
Note: Radiated Emission and Radiated Emission Band Edge were completed at Test Location B, and other tests were completed at Test Location A.	

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2570578R.706B	V1.0	Initial issue of report.	2025-12-15
2570578R.706B	V1.1	The setup diagrams on pages 28/29/31/35/37/39 have been modified, Pages 21/33/34/276/277 list KDB 987594 D02 v03 Section K and L to make the report clearer. (Test report 2570578R.706B V1.1 replaces test report 2570578R.706B V1.0, and test report 2570578R.706BV1.0 is obsolete.)	2025-12-30

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.407).
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);
 - Chapter 1.2 Channel List;

USED EQUIPMENT

Test Location A :Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Wireless Connectivity Tester	R&S	CMW 270	102593	2025.05.10	2026.05.09	V 4.0.60	N/A
Coaxial Cable	N/A	N/A	2477	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2478	2025.06.10	2026.06.09	N/A	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2025.03.16	2026.03.15	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16	N/A	N/A
Test system							
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2024.10.26	2025.10.25	A.14.03	N/A
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2025.09.20	2026.09.19	A.14.03	N/A
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.01.26	2026.01.25	N/A	N/A
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2025.03.23	2026.03.22	B.01.96	N/A
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2025.03.23	2026.03.22	N/A	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2025.05.10	2026.05.09	B.01.95	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.0.22

Test Location A :AC Power Line Conducted Emission / TR1

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
EMI Test Receiver	R&S	ESCI	100726	2025.05.18	2026.05.17	4.42 SP1	N/A
Two-Line V-Network	R&S	ENV 216	101044	2024.10.26	2025.10.25	N/A	N/A
Two-Line V-Network	R&S	ENV 216	101044	2025.09.20	2026.09.19	N/A	N/A
Two-Line V-Network	R&S	ENV 216	101189	2025.05.10	2026.05.09	N/A	N/A
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2025.03.16	2026.03.15	N/A	N/A
Coaxial Cable	Huber+Suhner	RG 223	TR1-C1	2025.03.16	2026.03.15	N/A	N/A
Impedance Stabilization Network	Teseq GmbH	ISN T800	57318	2025.02.25	2026.02.24	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	EMC01	2025.06.17	2026.06.16	N/A	N/A
Shielding room	Quietek	4.9m*4m*3m	TR1	2023.03.04	2028.03.03	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	N/A

Test Location A :Radiated Emission(9KHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Versiom	Software version
EMI Test Receiver	R&S	ESCI	100573	2025.01.11	2026.01.10	4.42 SP3	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2025.04.16	2026.04.15	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2025.03.24	2026.03.23	N/A	N/A
Temperature/ Humidity Meter	RTS	RTS-8S	AC2-TH	2025.06.17	2026.06.16	N/A	N/A
Coaxial Cable	Huber+Suhner	RTS-1909	THM-021	2025.04.30	2026.04.29	N/A	N/A
Anechoic chamber	Quietek	9m*6m*6m	AC2	2024.07.07	2029.07.06	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Test Location A: Radiated Emission (1GHz-40GHz) / AC6

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Versiom	Software version
Signal analyzer	Agilent	N9020A	MY49100159	2025.05.10	2026.05.09	A 08.54	N/A
Power Amplifier	MVE	MPC1018.50	C30002D	2025.05.17	2026.05.16	N/A	N/A
DRG Horn Antenna	RFSPIN	DRH18-E	CE2C07A18EN	2024.12.07	2025.12.06	N/A	N/A
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9170	750	2024.11.24	2025.11.23	N/A	N/A
Pre-Amplifier	Schwarzbeck	BBV 9721	00114	2025.05.17	2026.05.16	N/A	N/A
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	1231	2025.05.28	2026.05.27	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF04	2025.06.17	2026.06.16	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2025.06.17	2026.06.16	N/A	N/A
Anechoic chamber	Quietek	9m*5.5m*5.5m	AC6	2024.06.30	2029.06.29	N/A	N/A
Test Software	Tonscend	JS36	JS36-RSE	N/A	N/A	N/A	5.0.0

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	keysight	N9020B	MY63490118	2025.08.08	2026.08.07	A 08.54	N/A
Bilog Antenna	TESEQ	CBL6112D	64164	2024.11.23	2025.11.22	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2024.11.02	2025.11.01	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2025.10.19	2026.10.18	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2024.10.28	2025.10.27	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2025.10.24	2026.10.23	N/A	N/A
Amplifier	ESE	LNA0118	LNA23100009	2025.05.10	2026.05.09	N/A	N/A
Amplifier	Tonscend	TAP01018048S	AP23J8060307	2024.11.16	2025.11.15	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2024.11.20	2025.11.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	2024.09.04	2025.09.03	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	2025.08.25	2026.08.24	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item Test Location A	Uncertainty
AC Power Line Conducted Emission	± 2.92 dB
Peak Power Output	± 1.13 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.60 dB 200MHz~1GHz: 4.10 dB Vertical: 30MHz~200MHz: 4.80 dB 200MHz~1GHz: 4.10 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB Horizontal: 18GHz~40GHz: 4.70 dB Vertical: 18GHz~40GHz: 4.60 dB
RF antenna conducted test	± 1.13 dB
Radiated Emission Band Edge	± 5.00 dB
DTS Bandwidth	± 279 Hz
Occupied Bandwidth	± 279 Hz
Power Density	± 1.13 dB

Test item Test Location B	Uncertainty
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.86 dB 300MHz~1GHz: 4.86 dB Vertical: 30MHz~200MHz: 4.92 dB 300MHz~1GHz: 4.92 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~18GHz: 5.99 dB Vertical: 1GHz~18GHz: 5.76 dB Horizontal: 18GHz~40GHz: 5.99 dB Vertical: 18GHz~40GHz: 5.76 dB
Radiated Emission Band Edge	± 5.99 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name:	Mobile Computer			
Model Name:	PM84PW			
Trademark.:	N/A			
FCC ID:	V2X-PM84PW			
Power Supply:	3.87Vdc, EUT is equipped with an adapter to power it via AC/DC.			
Hardware Version:	MP			
Software Version:	PM84PG15.00			
Manufacturer:	POINT MOBILE Co., Ltd.			
Manufacturer Address:	A-26F, Building Gasan Publik 178, Digital-ro, Geumcheon-gu Seoul, 08513 Republic of Korea			
Test Matrix/ IMEI:	RF Conducted	352336370002521		
	RSE	352336370002315		
Wireless specifiction:	802.11ax			
Operating frequency range(s):	U-NII-5: 5925 MHz to 6425 MHz			
	U-NII-6: 6425 MHz to 6525 MHz			
	U-NII-7: 6525 MHz to 6875 MHz			
	U-NII-8: 6875 MHz to 7125 MHz			
Product Type:	☐	Indoor Client (6XD)		
	☒	Dual Client (6CD)		
	☐	Very Low Power (6VL)		
Type of Modulation:	802.11ax:OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)			
Smart System:	☒	SISO		
	☒	MIMO-CDD		
	☐	MIMO-Beamforming		
Antenna Type:	PIFA Antenna			
Antenna Gain:	SISO	U-NII-5: Ant2: 0.80 dBi Ant3: -0.60 dBi		
		U-NII-6: Ant2: 0.30 dBi Ant3: -1.10 dBi		
		U-NII-7: Ant2: 0.60 dBi Ant3: -0.50 dBi		
		U-NII-8: Ant2: 0.70 dBi Ant3: -0.30 dBi		
	CDD	Power	U-NII-5: 0.80 dBi	
			U-NII-6: 0.30 dBi	
PSD		U-NII-7: 0.60 dBi		
		U-NII-8: 0.70 dBi		
		U-NII-5: 3.14 dBi		
		U-NII-6: 2.64 dBi		
		U-NII-7: 3.08 dBi		
		U-NII-8: 3.22 dBi		

Note: This report is based on FCC ID: V2X-PM84P. The customer removed the GNSS and 2/3/4G related components on the new EUT. The other components are exactly the same, and the PCB layout, antenna and EUT dimensions are exactly the same. We verified the tests required by KDB 484596 D01 on the new EUT, and the test results met the requirements of KDB 484596 D01. Therefore, this report refers to the test data of FCC ID: V2X-PM84P. Variant spot check data and Cross Reference Table refer to Appendix K.

Remark:

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

1.2 Channel List

U-NII-5/6/7/8:

802.11ax(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415 MHz
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz	117	6535 MHz	121	6555 MHz	125	6575 MHz
129	6595 MHz	133	6615 MHz	137	6635 MHz	141	6655 MHz
145	6675 MHz	149	6695 MHz	153	6715 MHz	157	6735 MHz
161	6755 MHz	165	6775 MHz	169	6795 MHz	173	6815 MHz
177	6835 MHz	181	6855 MHz	185	6875 MHz	189	6895 MHz
193	6915 MHz	197	6935 MHz	201	6955 MHz	205	6975 MHz
209	6995 MHz	213	7015 MHz	217	7035 MHz	221	7055 MHz
225	7075 MHz	229	7095 MHz	233	7115 MHz	N/A	N/A
802.11ax(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz
99	6445 MHz	107	6485 MHz	115	6525 MHz	123	6565 MHz
131	6605 MHz	139	6645 MHz	147	6685 MHz	155	6725 MHz
163	6765 MHz	171	6805 MHz	179	6845 MHz	187	6885 MHz
195	6925 MHz	203	6965 MHz	211	7005 MHz	219	7045 MHz
227	7085 MHz	N/A	N/A	N/A	N/A	N/A	N/A
802.11ax(80MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz	103	6465 MHz	119	6545 MHz
135	6625 MHz	151	6705 MHz	167	6785 MHz	183	6865 MHz
199	6945 MHz	215	7025 MHz	N/A	N/A	N/A	N/A

802.11ax(20MHz) Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415 MHz
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	N/A	N/A	N/A	N/A	N/A	N/A

802.11ax(40MHz) Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

802.11ax(80MHz) Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz	135	6625 MHz	151	6705 MHz
167	6785 MHz	N/A	N/A	N/A	N/A	N/A	N/A

Note: The General Description of the Item, Channel List in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Auxiliary equipment /Accessories/Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Think pad x220	Lenovo	Adapter
(2) USB Control Cable	N/A	N/A	N/A
(3) USB Control Cable	N/A	N/A	N/A
software	Type / Version		
ADB	V 10.0.26100.7171		

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2)USB Control Cable	1	☒	☒
(3)USB Control Cable	8	☒	☒

2.2 Worst-case configuration and mode

Low data rate was used to test on antenna port conducted tests and radiated spurious emissions since it has the highest maximum power. Following are the worst-case data rates set for test:

Modulation Type	Data Rate
802.11ax (HE 20)	MCS0(8.6 Mbps)
802.11ax (HE 40)	MCS0(17.2 Mbps)
802.11ax (HE 80)	MCS0(36.0 Mbps)
Note1. EUT supports SISO Ant 2 antenna mode, SISO Ant 3 mode and MIMO Ant 2+Ant 3 mode. What is shown in the report is the data of the worst antenna mode. Note2. 802.11ax support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested for conducted power/PSD/In-Band Emissions/RSE, the full RU power / PSD > partialRU, therefore the full RU perform full test and Partial RU verified power/PSD/In-Band Emissions/RSE. Note3. The device category is 6CD, so it can operation under control of both low power indoor access point and standard power access point. For the UNII-5 and UNII-7 bands, tests other than EIRP and PSD are performed using the Under control of standard power AP mode because it has higher RF output power.	

This device can operate in the following UNII frequency bands.

UNII Band	When controlled by a low-power indoor access point or subordinate	When under the control of a standard power access point
UNII5	✓	✓
UNII6	✓	×
UNII7	✓	✓
UNII8	✓	×

2.3 Power setting in test

Under control of low power indoor AP:

Mode	Channel	Frequency (MHz)	Power Setting		
			Ant2	Ant3	Ant2+3
802.11ax20	1	5955	16	16	16
	45	6175	12	12	12
	93	6415	16	16	16
	97	6435	16	16	16
	105	6475	16	16	16
	113	6515	16	16	16
	117	6535	16	16	16
	149	6695	16	16	16
	181	6855	16	16	16
	185	6875	16	16	16
	189	6895	12	12	12
	209	6995	16	16	16
	233	7115	16	16	16
802.11ax40	3	5965	24	24	24
	43	6165	20	20	20
	91	6405	20	20	20
	99	6445	20	20	20
	107	6485	24	24	24
	115	6525	20	20	20
	123	6565	20	20	20
	147	6685	24	24	24
	179	6845	24	24	24
	187	6885	16	16	16
	195	6925	16	16	16
	203	6965	16	16	16
	227	7085	24	24	24
802.11ax80	7	5985	32	32	32
	39	6145	32	32	32
	87	6385	32	32	32
	103	6465	32	32	32
	119	6545	32	32	32
	135	6625	32	32	32
	151	6705	32	32	32
	167	6785	32	32	32
	183	6865	32	32	32
	199	6945	32	32	32
	215	7025	32	32	32

Mode	Channel	Frequency (MHz)	Power Setting		
			RU26	RU52	RU106
802.11ax20	1	5955	70	64	58
	45	6175	70	64	58
	93	6415	66	60	54
	97	6435	66	60	54
	105	6475	64	60	54
	113	6515	66	60	54
	117	6535	68	62	56
	149	6695	66	60	54
	181	6855	66	60	54
	185	6875	64	58	52
	189	6895	66	60	54
	209	6995	64	58	52
	229	7095	60	54	48
	233	7115	58	52	46

Under control of standard power AP:

Mode	Channel	Frequency (MHz)	Power setting		
			Ant2	Ant3	Ant2+3
11ax (20MHz)	1	5955	50	50	50
	45	6175	50	50	50
	93	6415	50	50	50
	117	6535	50	50	50
	149	6695	50	50	50
	181	6855	50	50	50
11ax (40MHz)	3	5965	50	50	50
	43	6165	50	50	50
	91	6405	50	50	50
	123	6565	50	50	50
	147	6685	50	50	50
	179	6845	50	50	50
11ax (80MHz)	7	5985	50	50	50
	39	6145	50	50	50
	87	6385	50	50	50
	135	6625	50	50	50
	151	6705	50	50	50
	167	6785	50	50	50
Mode	Channel	Frequency (MHz)	RU26	RU52	RU106
11ax (20MHz)	1	5955	52	46	40
	45	6175	50	44	38
	93	6415	48	40	36
	117	6535	50	44	38
	149	6695	48	42	36
	181	6855	46	40	34

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
FCC CFR Title 47 Part 15 Subpart E	2024	FCC CFR Title 47 Part 15 Subpart E
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	2017	This document provides guidance for determining emissions compliance of U-NII devices under Part 15, Subpart E of the FCC rules.
KDB 987594 D02 U-NII 6 GHz EMC Measurement v03	2024	Guidelines for compliance testing of unlicensed national information infrastructure 6 GHz (U-NII) devices Part 15, Subpart E

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

Requirement – Test case of FCC	Basic standard(s)	Verdict	Remark
Conducted Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.207	PASS	Test data please refer to Appendix A
Radiated Spurious Emissions and Band Edge (Restricted-band)	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(b)	PASS	Test data please refer to Appendix B
Emission bandwidth and occupied bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix C
Duty cycle	ANSI C63.10:2020	PASS	Test data please refer to Appendix D
Power Output	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix E
Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP	KDB 987594 D02 v03 Section K	PASS	Test data please refer to Appendix F
Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)	KDB 987594 D02 v03 Section L	PASS	Test data please refer to Appendix G
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix H
Contention Based Protocol	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(d)	PASS	Test data please refer to Appendix I (See Note3)
In-Band Emissions	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(b)	PASS	Test data please refer to Appendix J
Frequency Stability	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(g)	N/A (See Note1)	N/A (See Note1)
Antenna Requirement	FCC 15.203	PASS	--

Note1: Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

Note2: The radiation measurement is pre tested under X, Y, and Z axis positioning to find the worst placement for final testing.

Note3: The receiver circuitry is the same for the CBP mechanism so testing can be performed once based on LPI report to show compliance.

3.4 Test Facility

Tset Location A : FCC Designation Number: CN1199

Tset Location B : FCC Designation Number: CN1321

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 AC Power Line Conducted Emission

VERDICT: PASS

4.1.1 Limit

Standard FCC Part 15 Subpart C Paragraph 15.207.

Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾]	Limit: AV [dB(μV) ¹⁾]
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾
0,50 - 5,0	56	46
5,0 - 30	60	50

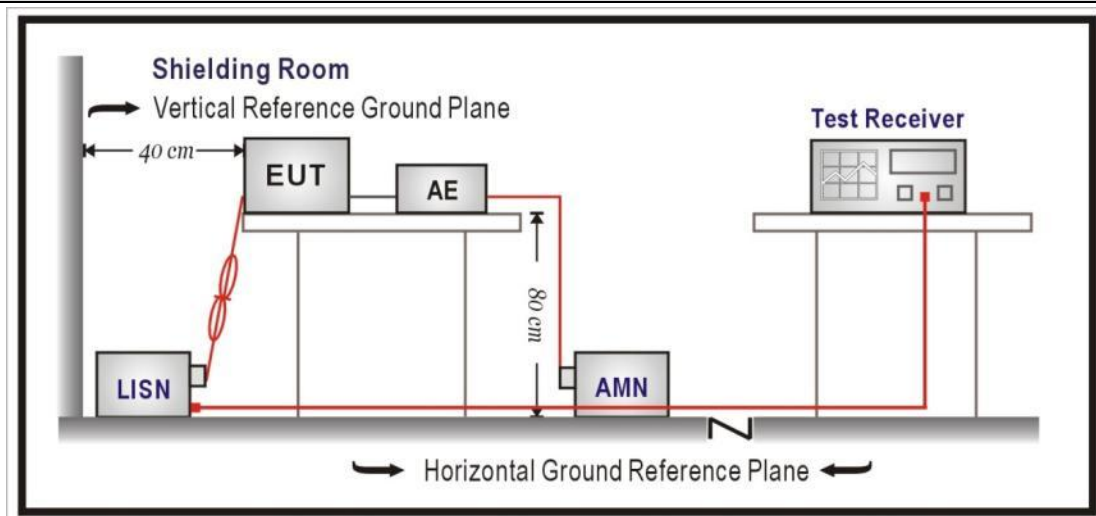
¹⁾ At the transition frequency, the lower limit applies.

²⁾ The limit decreases linearly with the logarithm of the frequency.

NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 Radiated Spurious Emissions and Band Edge (Restricted-band)**VERDICT: PASS****4.2.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.205.	
Restricted Bands of operation			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975–12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675–12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit).

Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment.

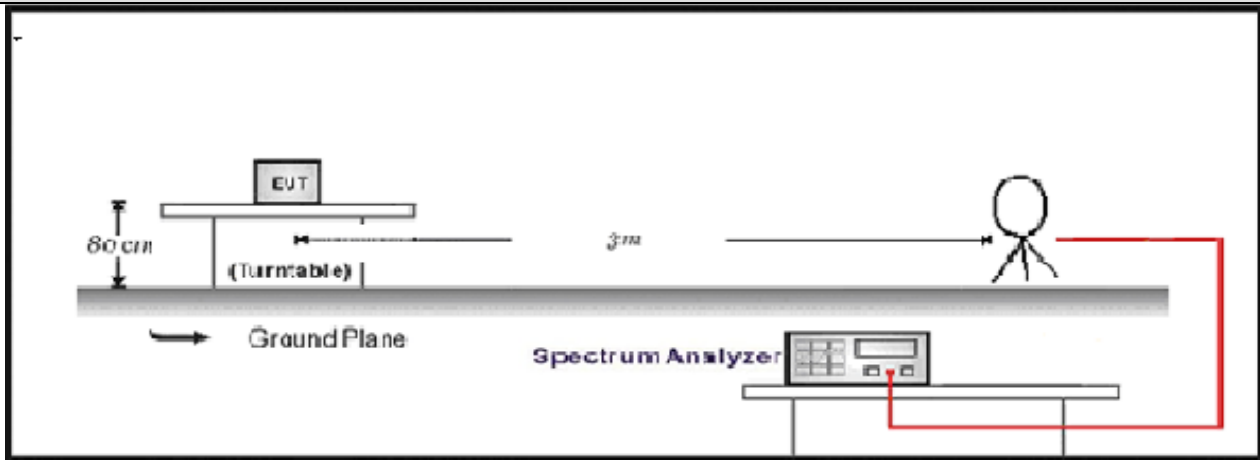
Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit).

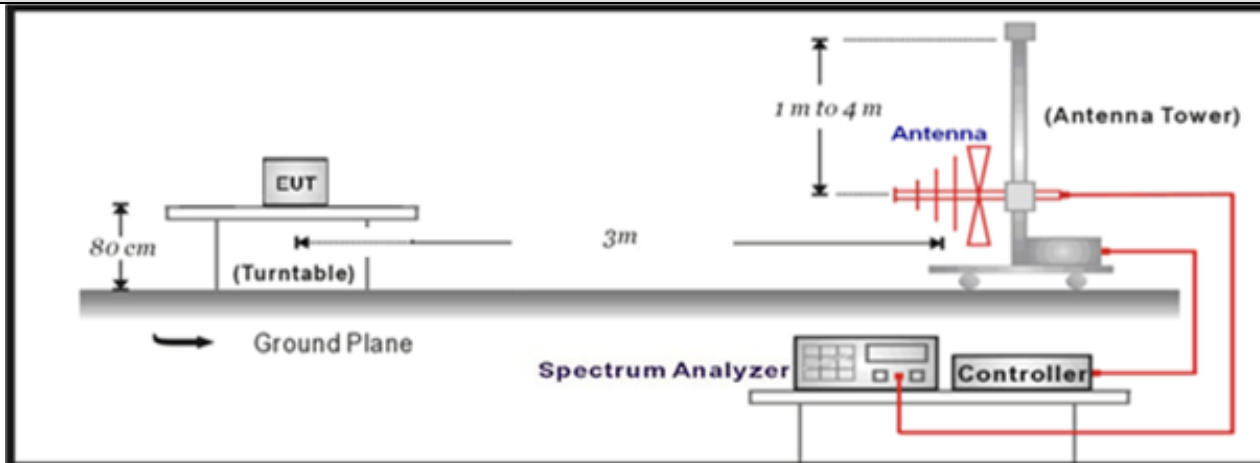
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5925 - 7125	-27	68.3

4.2.2 Test Setup

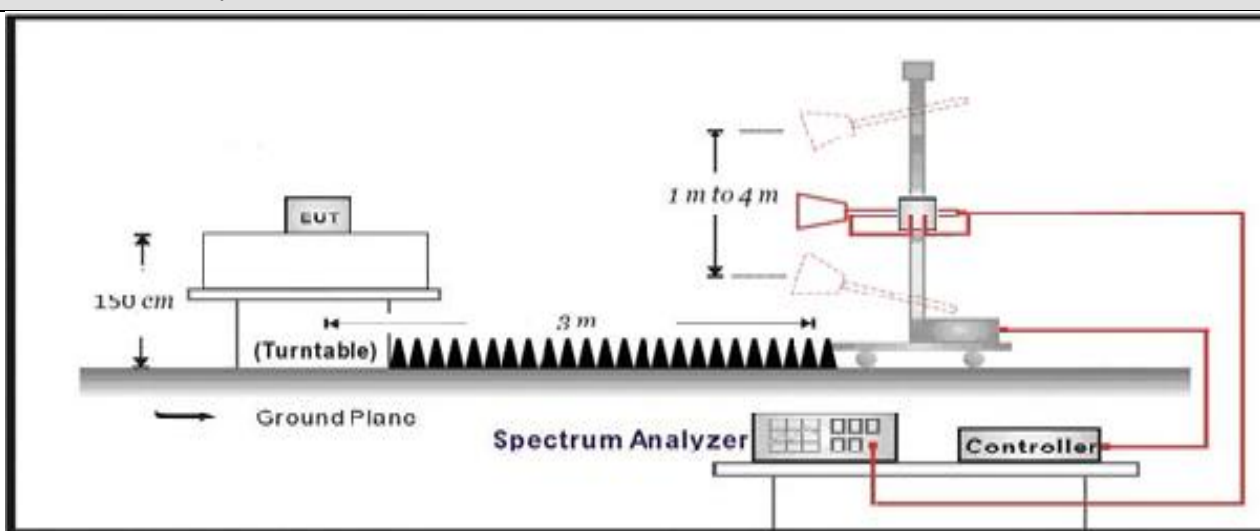
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



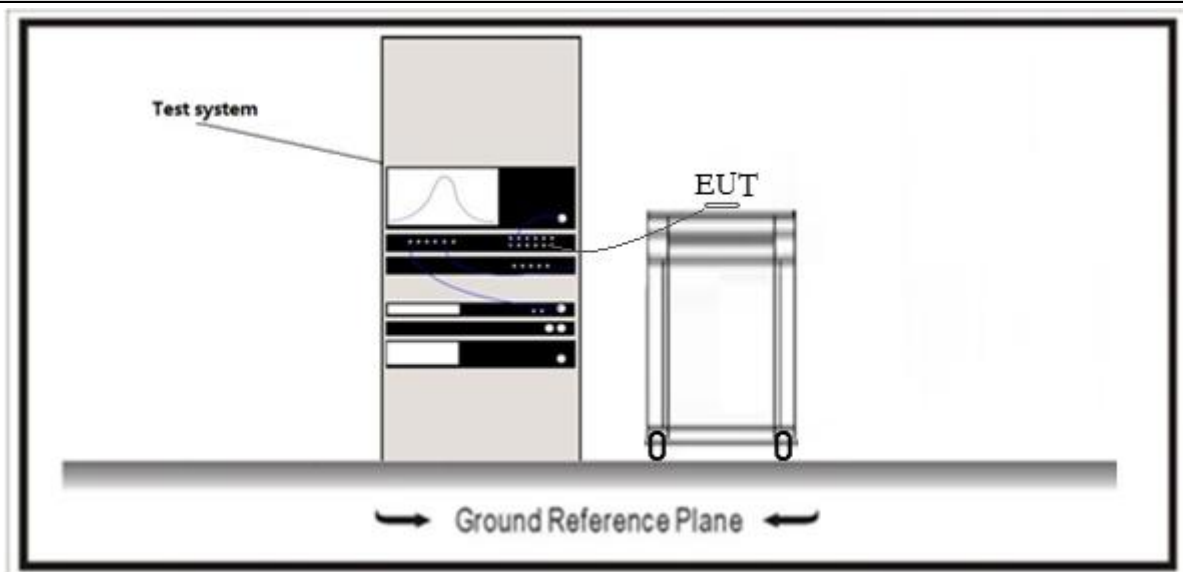
4.2.3 Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10	12.7.2	Emissions in restricted frequency bands
☒	ANSI C63.10	12.7.5	Radiated emission measurements
☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Emission bandwidth**VERDICT: PASS****4.3.1 Limit**

Standard	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)(10).
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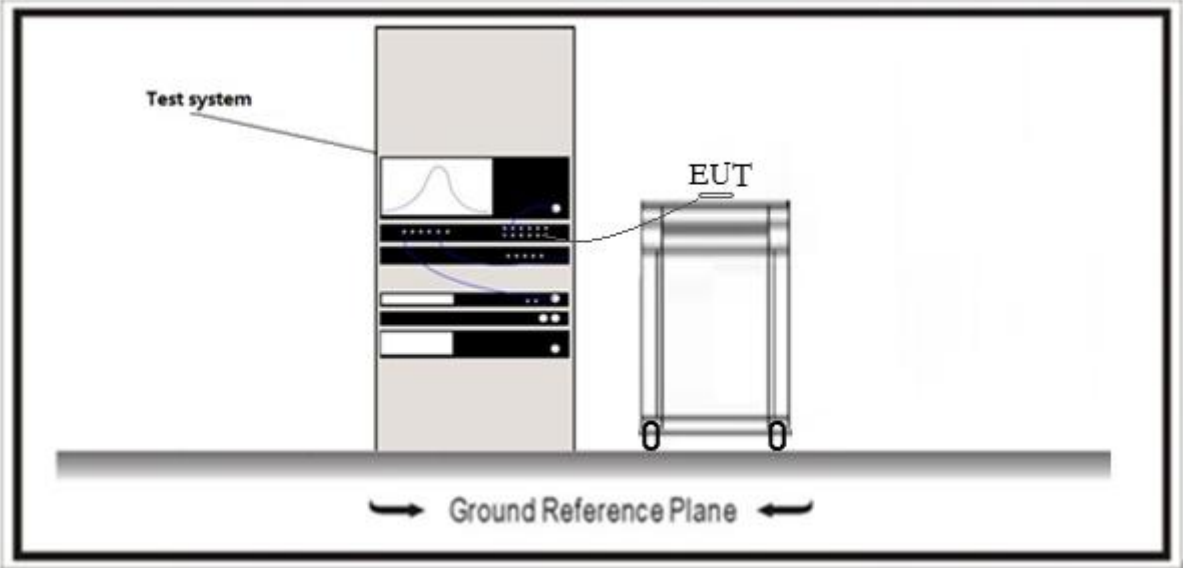
The occupied bandwidth of an RLAN device shall not exceed 320 MHz.
--

4.3.2 Test Setup**4.3.3 Test Procedure****Test Method**

	References Rule	Chapter	Description
☐	ANSI C63.10	12.5	Emission bandwidth and occupied bandwidth
☐	ANSI C63.10	12.5.2	Emission bandwidth (26dB)
☐	ANSI C63.10	12.5.3	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
☒	FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
☐	FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

4.4 Duty cycle	VERDICT: PASS
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4.4.1 Limit
N/A

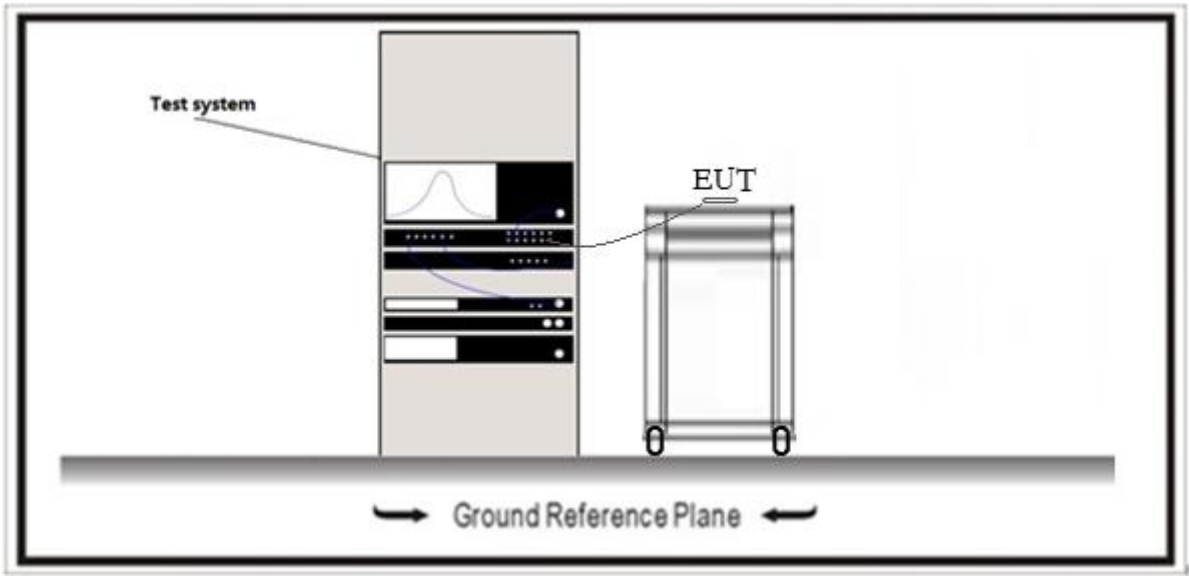
4.4.2 Test Setup
 The diagram illustrates the test setup. On the left, a 'Test system' is shown, which includes a computer monitor displaying a waveform, a control panel with buttons, and a rack of electronic equipment. A cable connects the test system to an 'EUT' (Equipment Under Test), which is a small, rectangular device with two circular ports at the bottom. Both the test system and the EUT are positioned on a 'Ground Reference Plane', indicated by a horizontal line with arrows at both ends.

4.4.3 Test Procedure			
References Rule		Chapter	Description
☒	ANSI C63.10	12.2	Duty cycle (D), transmission duration (T), and maximum power control level

4.5 Power Output**VERDICT: PASS****4.5.1 Limit**

Standard	FCC Part 15 Subpart E Paragraph 15.407 (a)
☐	For a standard power access point and fixed client device operating in the 5.925–6.425 GHz and 6.525–6.875 GHz bands: The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☐	For an indoor access point operating in the 5.925–7.125 GHz band: The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
☐	For a subordinate device operating under the control of an indoor access point in the 5.925–7.125GHz band: the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
☒	For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands: the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.
☐	For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands: The maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
☐	For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands : The maximum e.i.r.p must not exceed 14 dBm.
☒	When under control of a low power indoor access point or subordinate the device is restricted to the 5.925-7.125 GHz band and is limited to a maximum power of +24 dBm EIRP and a power spectral density limit of –1 dBm EIRP in any 1-megahertz band.
☐	When under control of a standard power access point, the device is restricted to the 5.925-6.425 GHz and 6.525-6.875 GHz bands and its transmit power is limited to 6 dB below the standard power access point's transmit power authorized by the AFC not to exceed a limit of 30 dBm EIRP and a power spectral density limit of 17 dBm EIRP in any 1-megahertz band.

4.5.2 Test Setup



4.5.3 Test Procedure

References Rule		Chapter	Description
☒	ANSI C63.10	12.4	Maximum conducted output power
☐	ANSI C63.10		Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
	☐	ANSI C63.10	12.4.2.2 Method SA-1
	☐	ANSI C63.10	12.4.2.3 Method SA-1A (alternative)
	☐	ANSI C63.10	12.4.2.4 Method SA-2
	☐	ANSI C63.10	12.4.2.5 Method SA-2A (alternative)
	☐	ANSI C63.10	12.4.2.6 Method SA-3
	☐	ANSI C63.10	12.4.2.7 Method SA-3A (alternative)
	☒	ANSI C63.10	12.4.3 Maximum conducted output power using a power meter
	☐	ANSI C63.10	12.4.3.1 Method PM
	☒	ANSI C63.10	12.4.3.2 Method PM-G

Directional Gain Calculations for In-Band test method

	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☐	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☒	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

4.6 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

VERDICT: PASS

4.6.1 Limit

Standard KDB 987594 D02 v03 Section K

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP or a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP.

4.6.2 Test Setup

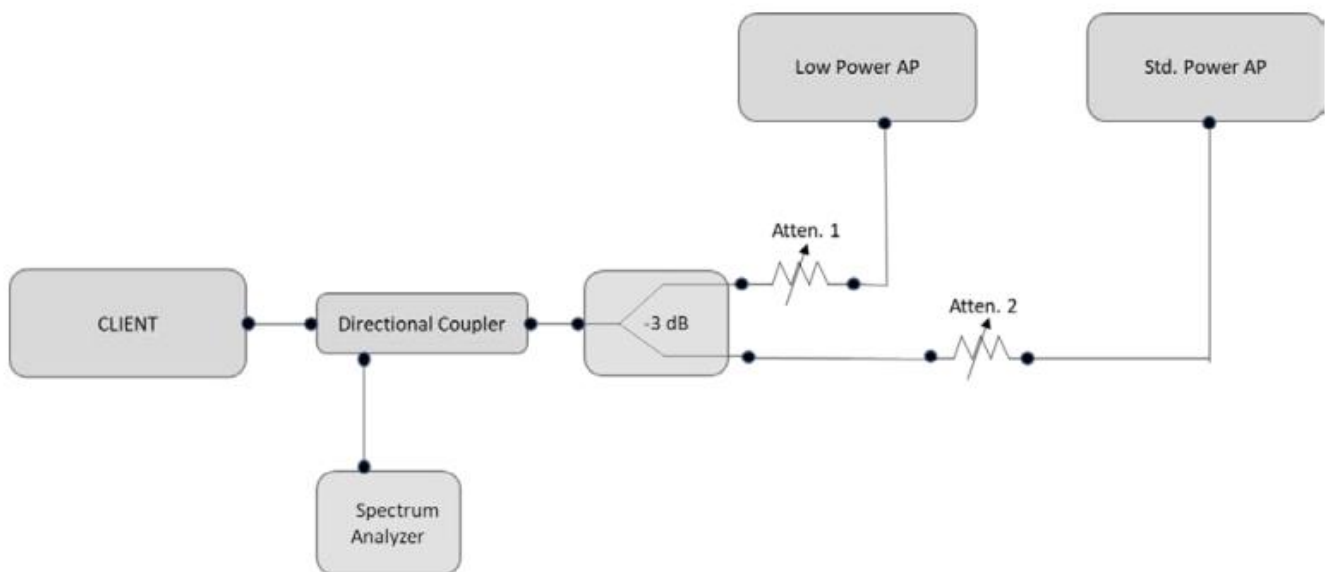


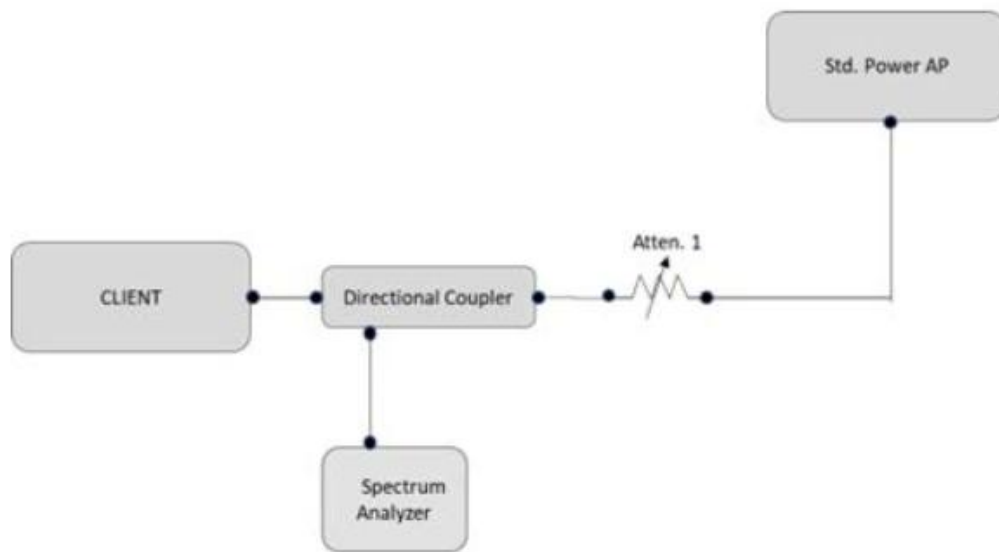
Figure 6. Test setup for conducted testing

4.6.3 Test Procedure

1. Connect equipment as shown in Figure 6.
2. Adjust Atten 2 to Standard Power AP to facilitate error-free communication with the Client (Atten 1 should be set to High on the RF path to the Low Power AP).
3. Configure the Client and APs to associate and send data (stream data). The client must be configured to transmit at its highest power level. Initially, because the attenuation on Atten 1 is set high, the Client will only associate with the Std Power AP.
4. Verify transmission between the Client and the Standard Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices.
5. Gradually increase Atten 2 while decreasing Atten 1. This simulates the Client moving from outdoors to indoors. At some level of attenuation, the Client should associate with the Low-Power indoor AP. Verify transmission between the Client and the Low-Power AP.
6. Measure the RF power of the Client device using the same method as in step 4. Verify the power is no more than 24 dBm EIRP.

4.7 Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)**VERDICT: PASS****4.7.1 Limit****Standard** KDB 987594 D02 v03 Section L

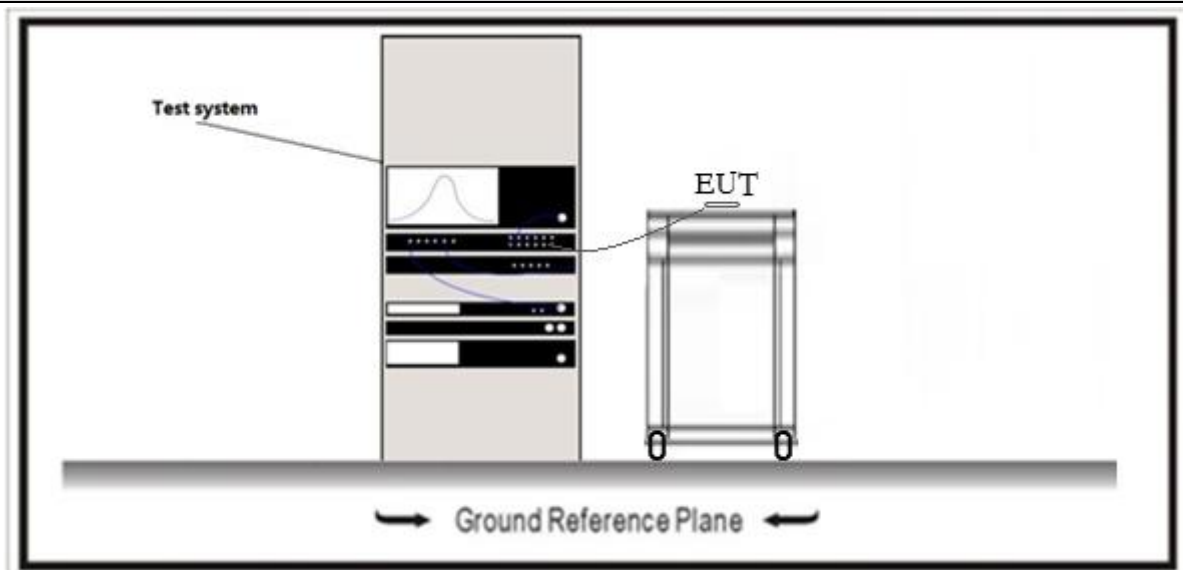
A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power.

4.7.2 Test Setup**Figure 7. Test setup for conducted testing****4.7.3 Test Procedure**

1. Connect equipment as shown in Figure 7.
2. In the figure, the Std Power AP can be configured using a developmental board, an Access Point incorporated with test software, or any other hardware configuration that adequately demonstrates proper client power adjustment.
3. Adjust Atten 1 to Std Power AP to facilitate error-free communication with the Client but protect the Client receiver from overload or damage.
4. Configure the Client and AP to associate and send data (stream data). The AP should be configured so its registered power is 36 dBm EIRP.
5. Verify transmission between the Client and the Standard Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices. Use this power and its antenna gain to calculate the Client EIRP.
6. The Client EIRP should be minimally 6 dB lower than the APs.
7. Repeat Steps 2 through 5 at two other selected measurement points—the first at the midpoint and the second at the client's lowest rated power, as declared by the manufacturer.

4.8 Maximum Power Spectral Density**VERDICT: PASS****4.8.1 Limit**

Standard	FCC Part 15 Subpart E Paragraph 15.407 (a)
☐	For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands: The maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band.
☐	For an indoor access point operating in the 5.925-7.125 GHz band: The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.
☐	For a subordinate device operating under the control of an indoor access point in the 5.925-7.125GHz band: The maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.
☒	For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands: the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band.
☐	For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands: the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band.
☐	For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands : The maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz.
☒	When under control of a low power indoor access point or subordinate the device is restricted to the 5.925-7.125 GHz band and is limited to a maximum power of +24 dBm EIRP and a power spectral density limit of -1 dBm EIRP in any 1-megahertz band.
☐	When under control of a standard power access point, the device is restricted to the 5.925-6.425 GHz and 6.525-6.875 GHz bands and its transmit power is limited to 6 dB below the standard power access point's transmit power authorized by the AFC not to exceed a limit of 30 dBm EIRP and a power spectral density limit of 17 dBm EIRP in any 1-megahertz band.

4.8.2 Test Setup

4.8.3 Test Procedure

	References Rule	Chapter	Description
☒	ANSI C63.10	12.6	Peak power spectral density
☒	FCC KDB 789033 D02v02r01	F	Maximum Power Spectral Density (PSD)

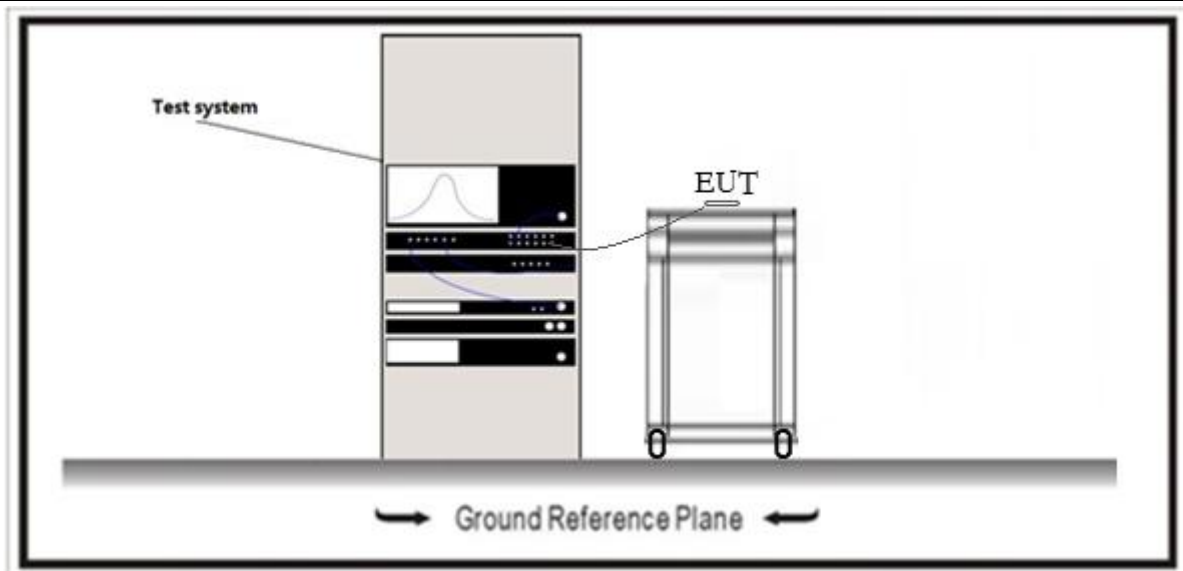
Directional Gain Calculations for In-Band test method

	References Rule	Chapter	Description
☒	KDB 662911	E)2)	In-Band Power Spectral Density (PSD) Measurements
	☐ KDB 662911	E)2)a)	Measure and sum the spectra across the outputs.
	☐ KDB 662911	E)2)b)	Measure and sum spectral maxima across the outputs.
	☒ KDB 662911	E)2)c)	Measure and add 10 log(NANT) dB, where NANT is the number of outputs.
☐	KDB 662911	F2)a)	Basic methodology
	☐ KDB 662911	F2)a) (i)	transmit signals are correlated
	☐ KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911	F2)b)	Sectorized antenna systems.
☐	KDB 662911	F2)c)	Cross-polarized antennas
	☐ ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐ ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911	F2)e)	Spatial stream
	☐ KDB 662911	F2)e) (i)	Antennas have the same gain
	☐ KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐ KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911	F2)f)	Cyclic Delay Diversity (CDD)
	☐ KDB 662911	F2)f) (i)	Antennas have the same gain
	☐ KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☒ KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

4.9 In-Band Emissions**VERDICT: PASS****4.9.1 Limit****Standard** FCC §15.15.407(b).

Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

- Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
- Suppressed by 28 dB at one channel bandwidth from the channel center.
- Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

4.9.2 Test Setup**4.9.3 Test Procedure**

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement.

Section J) In-Band Emissions.

- Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
- Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - Set the span to encompass the entire 26 dB EBW of the signal.
 - Set RBW = same RBW used for 26 dB EBW measurement.
 - Set VBW $\geq 3 \times$ RBW
 - Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - Sweep time = auto.
 - Detector = RMS (i.e., power averaging)
 - Trace average at least 100 traces in power averaging (rms) mode.
 - Use the peak search function on the instrument to find the peak of the spectrum.
- For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.

4, Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

- a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
- b. Suppressed by 28 dB at one channel bandwidth from the channel center.
- c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

5, Adjust the span to encompass the entire mask as necessary.

6, Clear trace.

7, Trace average at least 100 traces in power averaging (rms) mode.

8, Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

4.10 Contention Based Protocol

VERDICT: PASS

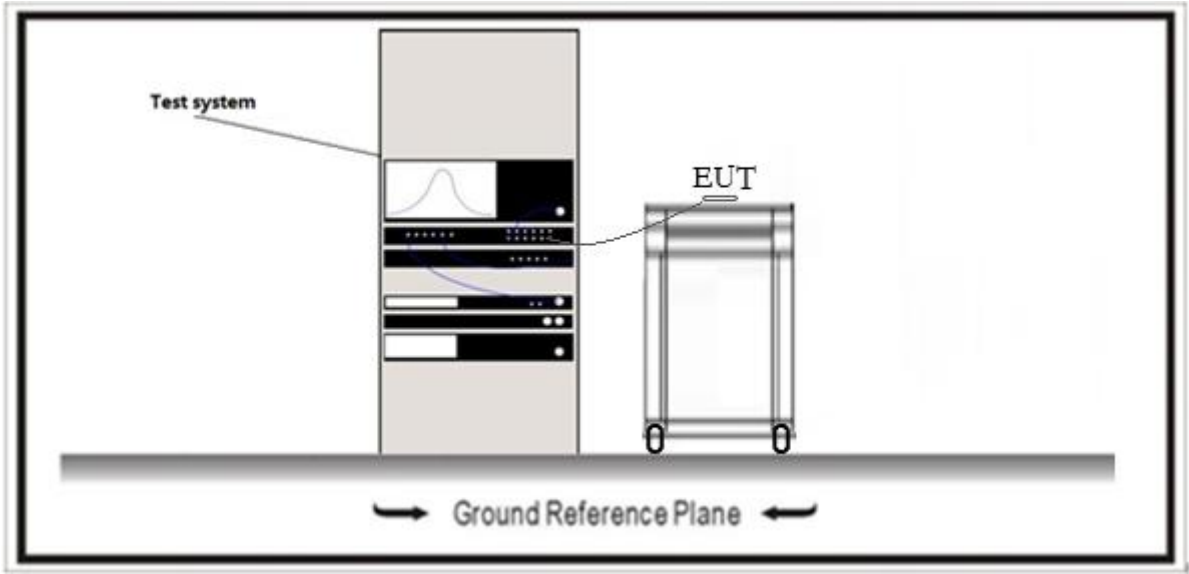
4.10.1 Limit

Standard FCC §15.15.407(d).

Restricted Bands of operation

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contentionbased protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

4.10.2 Test Setup



4.10.3 Test Procedure

The contention-based protocol setup shown in section Test & System Description was used to measure the contentionbased protocol. The EUT ceased transmission when the AWGN source signal level described in table result below is set to transmit.
Incumbent signal is emulated by using a 10MHz bandwidth AWGN source generated by the vector signal generator. The EUT is transmitting at the maximum possible payload and the spectrum analyzer monitors the transmissions in response to the AWGN signal. Insertion loss of the test setup were considered on the spectrum analyser reading.

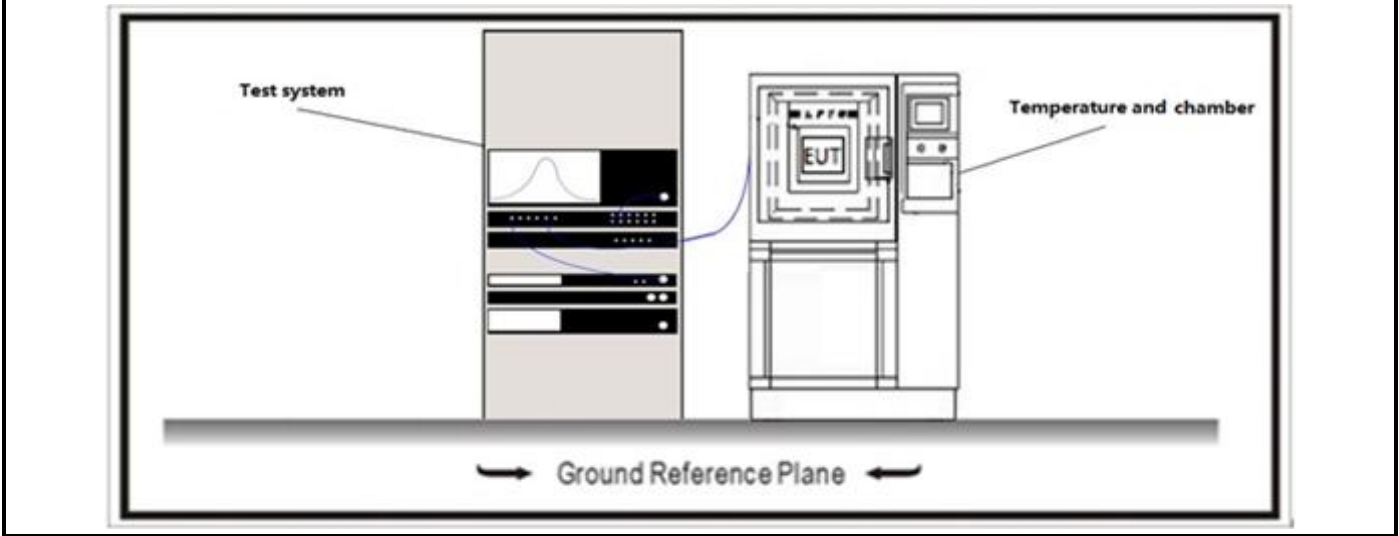
4.11 Frequency Stability

VERDICT: N/A

4.11.1 Limit:

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user’s manual.
The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 6 GHz band.

4.11.2 Test Setup



4.11.3 Test Procedure

	References Rule		Chapter	Description
☐	ANSI C63.10		6.8	Frequency stability tests
	☐	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☐	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

4.12 Antenna Requirement**VERDICT: PASS****4.12.1 Limit:**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.12.2 Antenna Connector Construction:

☒	The use of a permanently attached antenna.
☐	The antenna use of a unique coupling to the intentional radiator.
☐	The use of a nonstandard antenna jack or electrical connector.

Please refer to the attached document "Internal Photograph" to show the antenna connector.

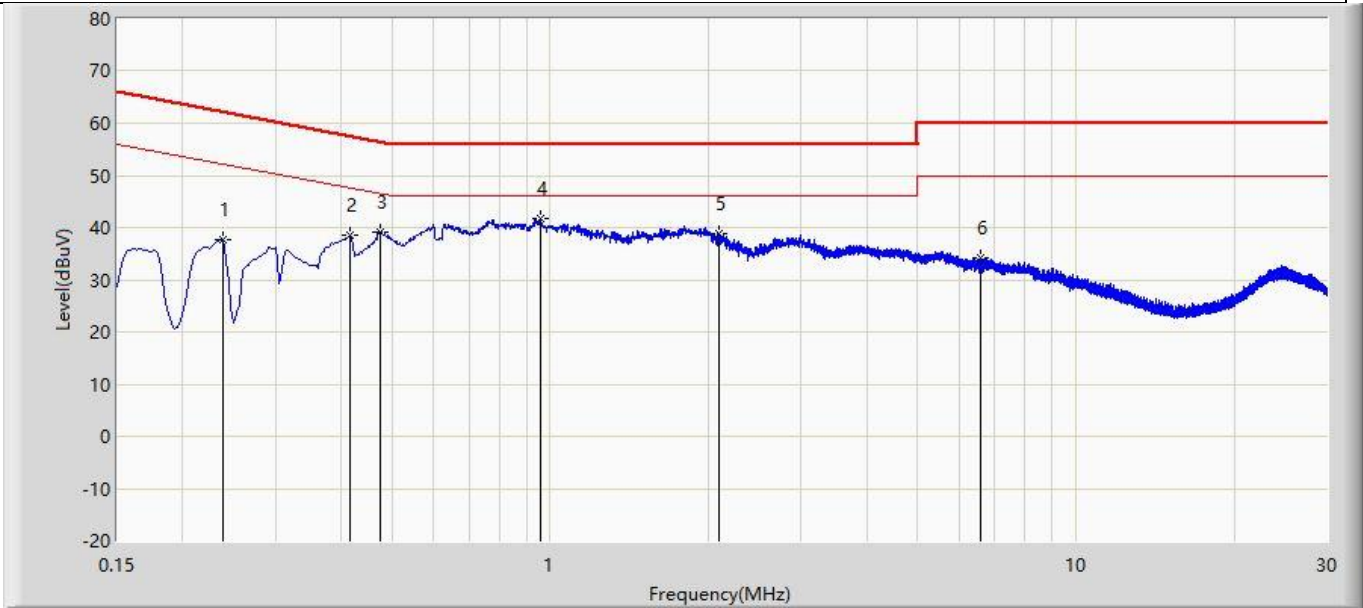
5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

6 TEST RESULT

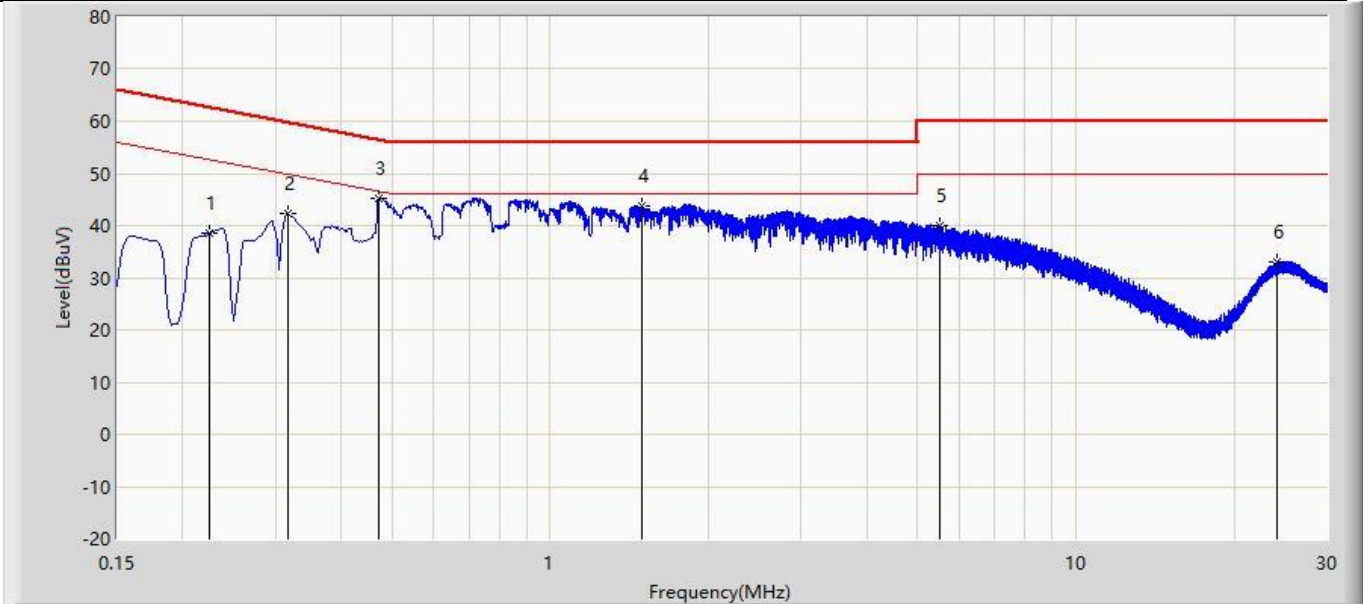
Appendix A: Conducted Emission

Profile: 2570578R	Page No.: 9
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/27 - 09:42
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Mobile computer	Power: AC 120V/60Hz
Note: Transmit at 5955MHz by 802.11ax(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.238	37.648	27.988	-24.518	62.166	9.661	QP
2		0.415	38.441	28.751	-19.107	57.548	9.690	QP
3		0.474	39.264	29.565	-17.179	56.444	9.699	QP
4	*	0.958	41.632	31.937	-14.368	56.000	9.695	QP
5		2.096	38.903	29.134	-17.097	56.000	9.769	QP
6		6.589	34.301	24.446	-25.699	60.000	9.855	QP

Profile: 2570578R	Page No.: 10
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/27 - 09:43
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Mobile computer	Power: AC 120V/60Hz
Note: Transmit at 5955MHz by 802.11ax(20MHz)	



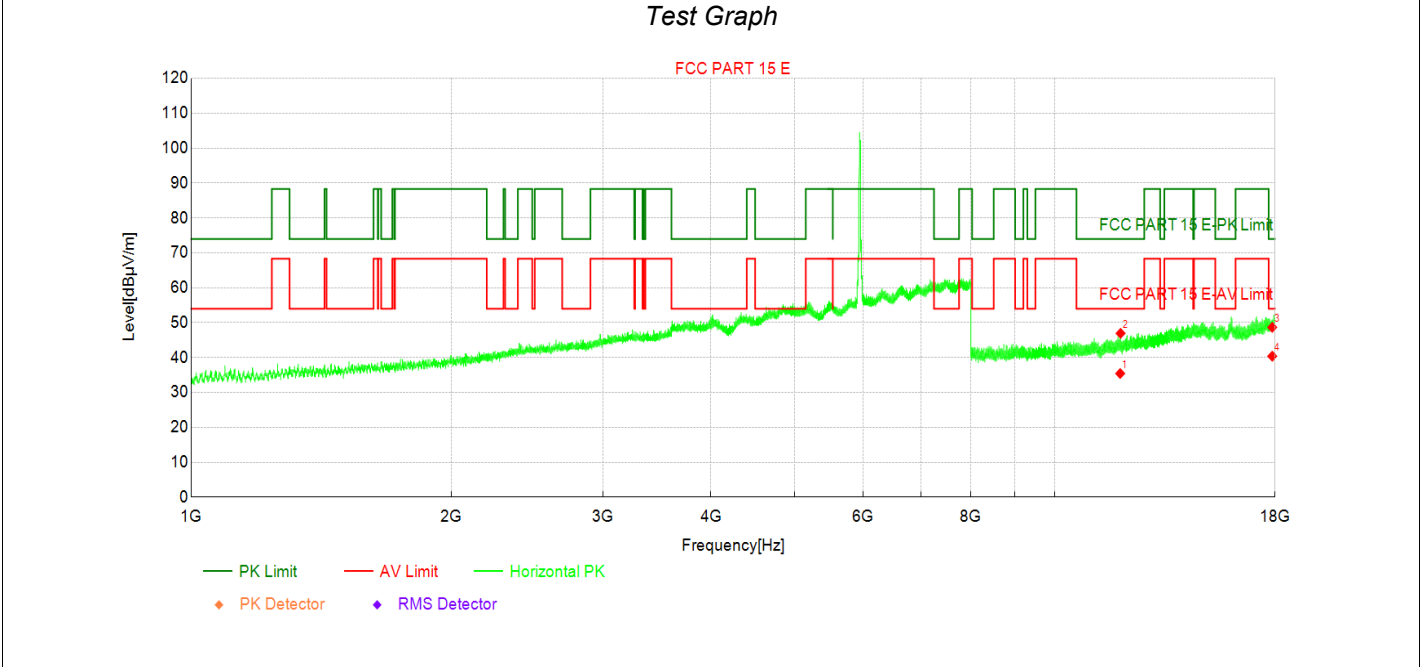
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.224	38.578	28.939	-24.091	62.669	9.639	QP
2		0.317	42.426	32.802	-17.359	59.785	9.623	QP
3	*	0.472	45.310	35.712	-11.169	56.479	9.597	QP
4		1.489	43.643	33.956	-12.357	56.000	9.687	QP
5		5.510	40.120	30.293	-19.880	60.000	9.827	QP
6		24.034	33.026	22.243	-26.974	60.000	10.783	QP

Note:
1. " * ", means this data is the worst emission level.

Appendix B: Radiated Spurious Emissions and Band Edge (Restricted-band)

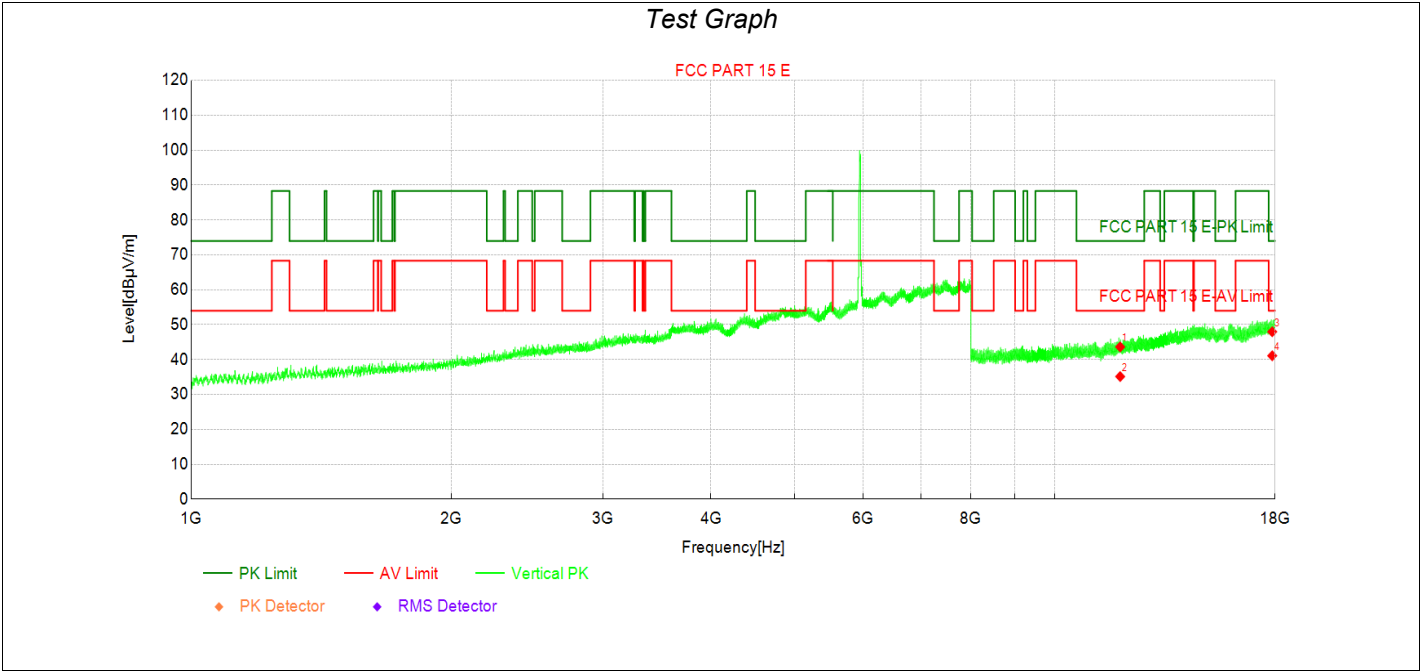
Radiated Spurious Emissions:

Transmit at 5955MHz by 802.11ax(20MHz) with Ant2+3



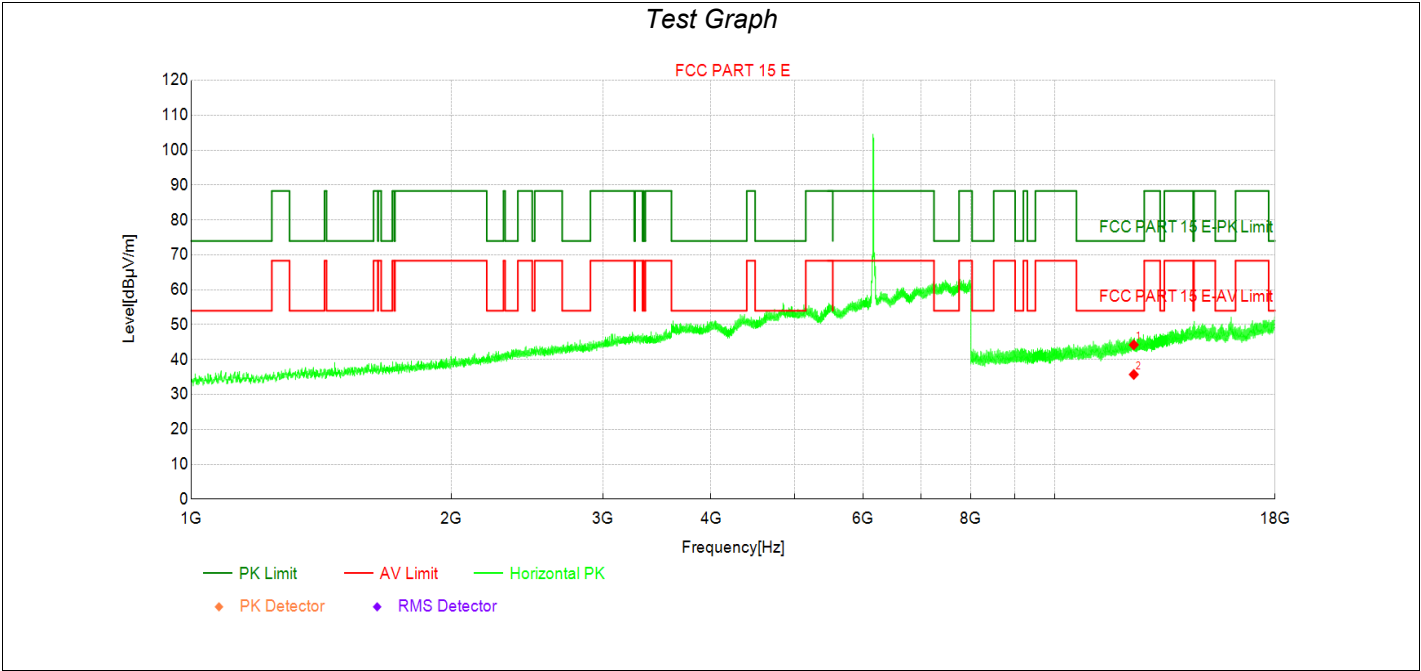
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11910.00	22.71	35.43	12.72	54.00	18.57	AV	Horizo	PASS
2	11923.00	34.20	46.93	12.73	74.00	27.07	PK	Horizo	PASS
3	17865.00	28.46	48.66	20.20	74.00	25.34	PK	Horizo	PASS
4	17865.00	20.19	40.39	20.20	54.00	13.61	AV	Horizo	PASS

Transmit at 5955MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11910.00	30.90	43.62	12.72	74.00	30.38	PK	Vertic	PASS
2	11910.00	22.41	35.13	12.72	54.00	18.87	AV	Vertic	PASS
3	17865.00	27.77	47.97	20.20	74.00	26.03	PK	Vertic	PASS
4	17865.00	20.89	41.09	20.20	54.00	12.91	AV	Vertic	PASS

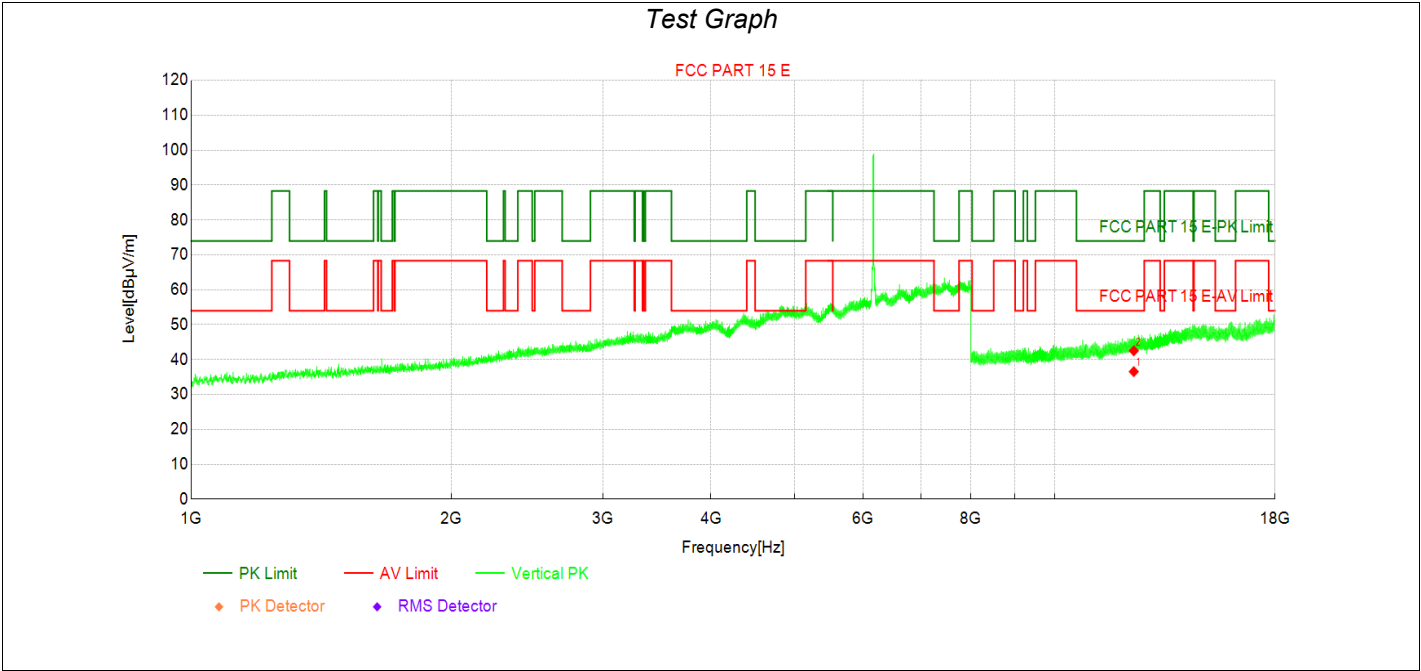
Transmit at 6175MHz by 802.11ax(20MHz) with Ant2+3



Data List

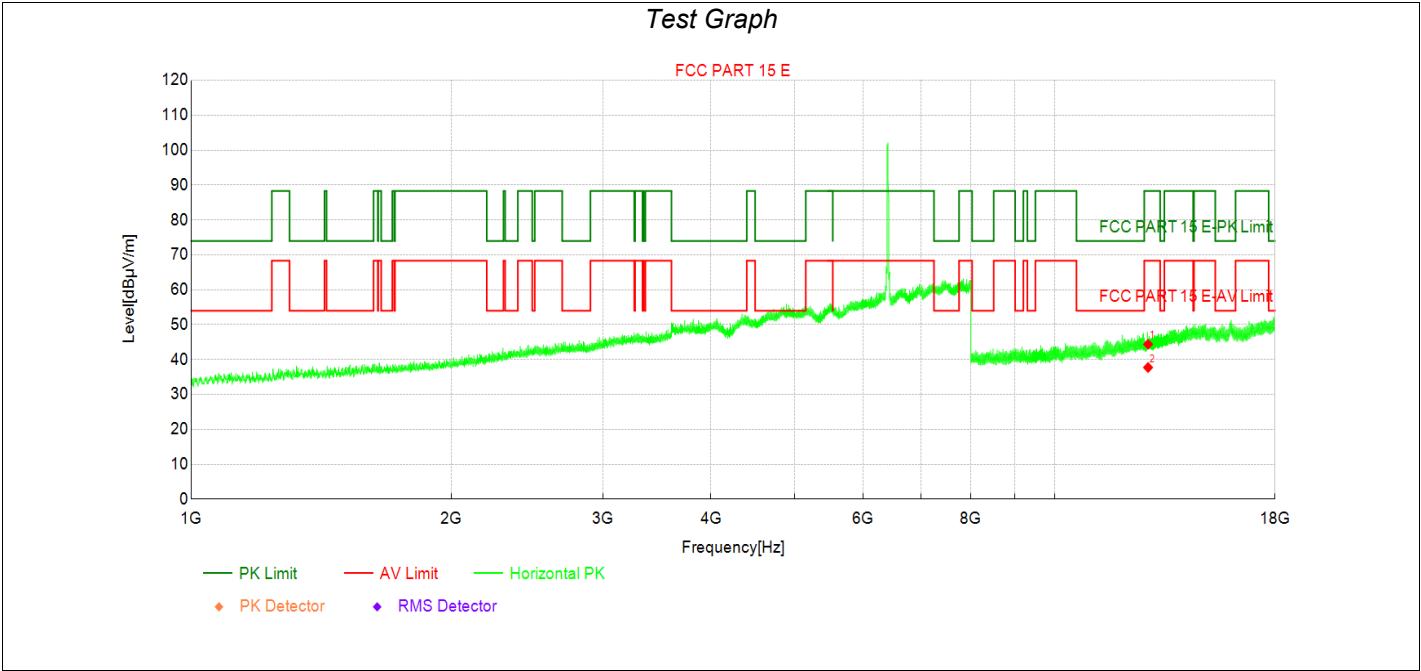
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12350.00	32.42	44.22	11.80	74.00	29.78	PK	Horizo	PASS
2	12350.00	23.92	35.72	11.80	54.00	18.28	AV	Horizo	PASS

Transmit at 6175MHz by 802.11ax(20MHz) with Ant2+3



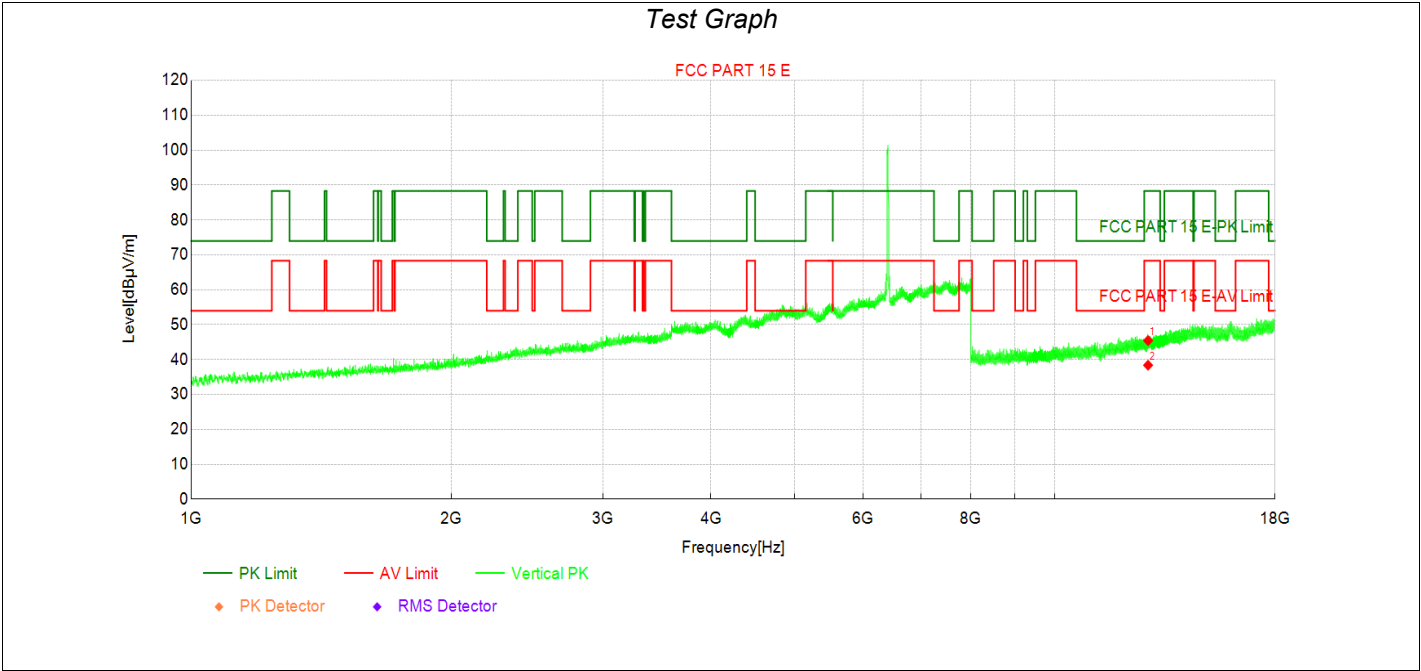
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12350.00	24.74	36.54	11.80	54.00	17.46	AV	Vertic	PASS
2	12350.00	30.71	42.51	11.80	74.00	31.49	PK	Vertic	PASS

Transmit at 6415MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12830.00	32.12	44.38	12.26	88.30	43.92	PK	Horizo	PASS
2	12830.00	25.48	37.74	12.26	68.30	30.56	AV	Horizo	PASS

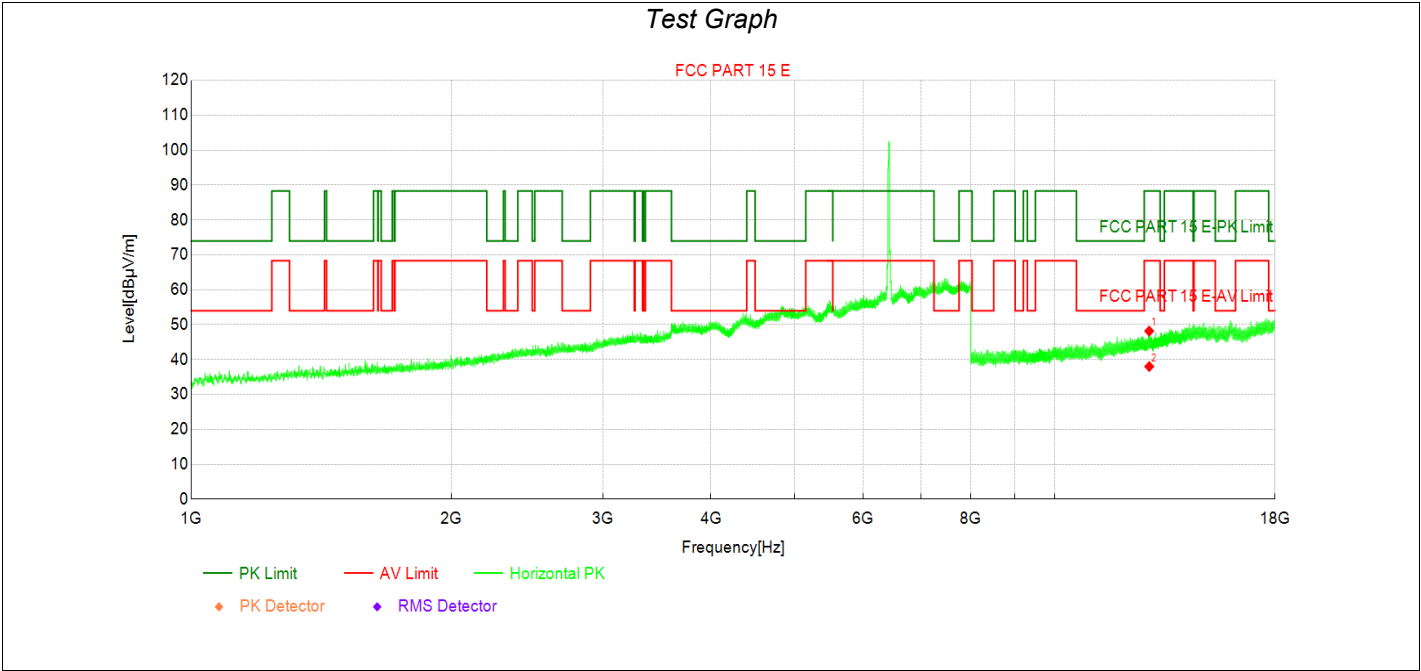
Transmit at 6415MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12830.00	33.18	45.44	12.26	88.30	42.86	PK	Vertic	PASS
2	12830.00	26.11	38.37	12.26	68.30	29.93	AV	Vertic	PASS

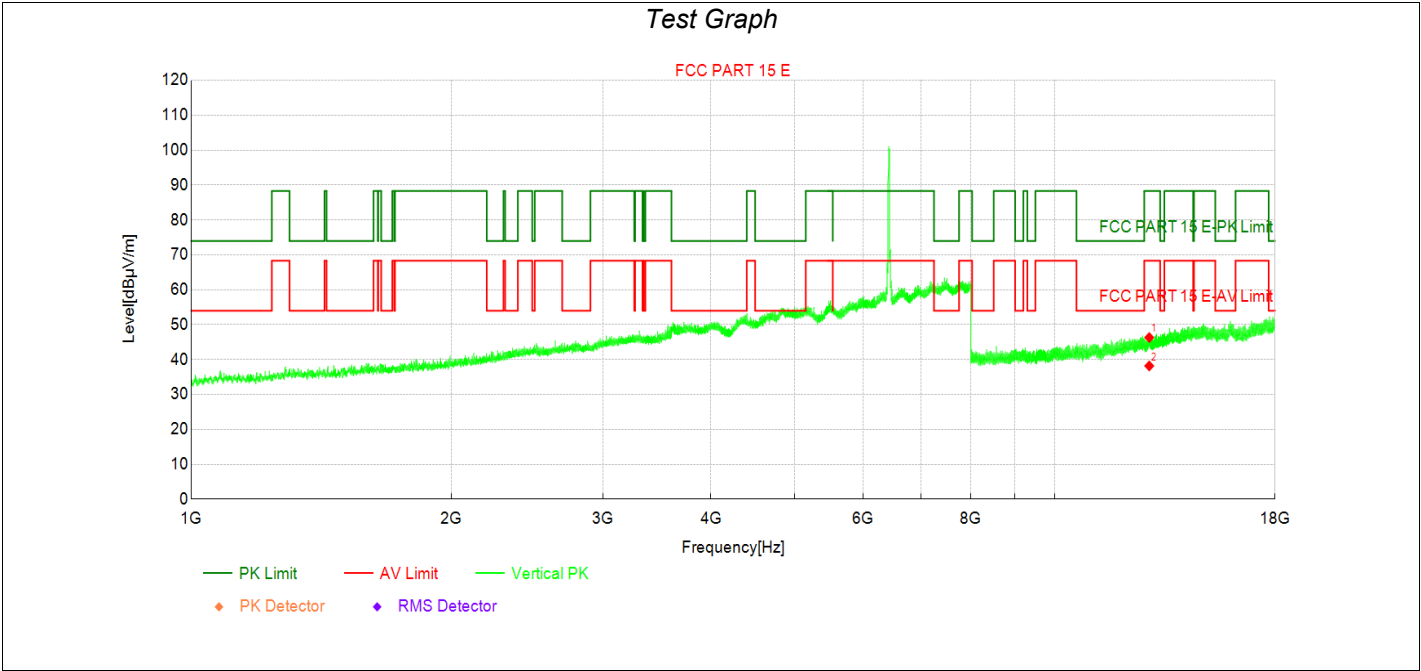
Transmit at 6435MHz by 802.11ax(20MHz) with Ant2+3



Data List

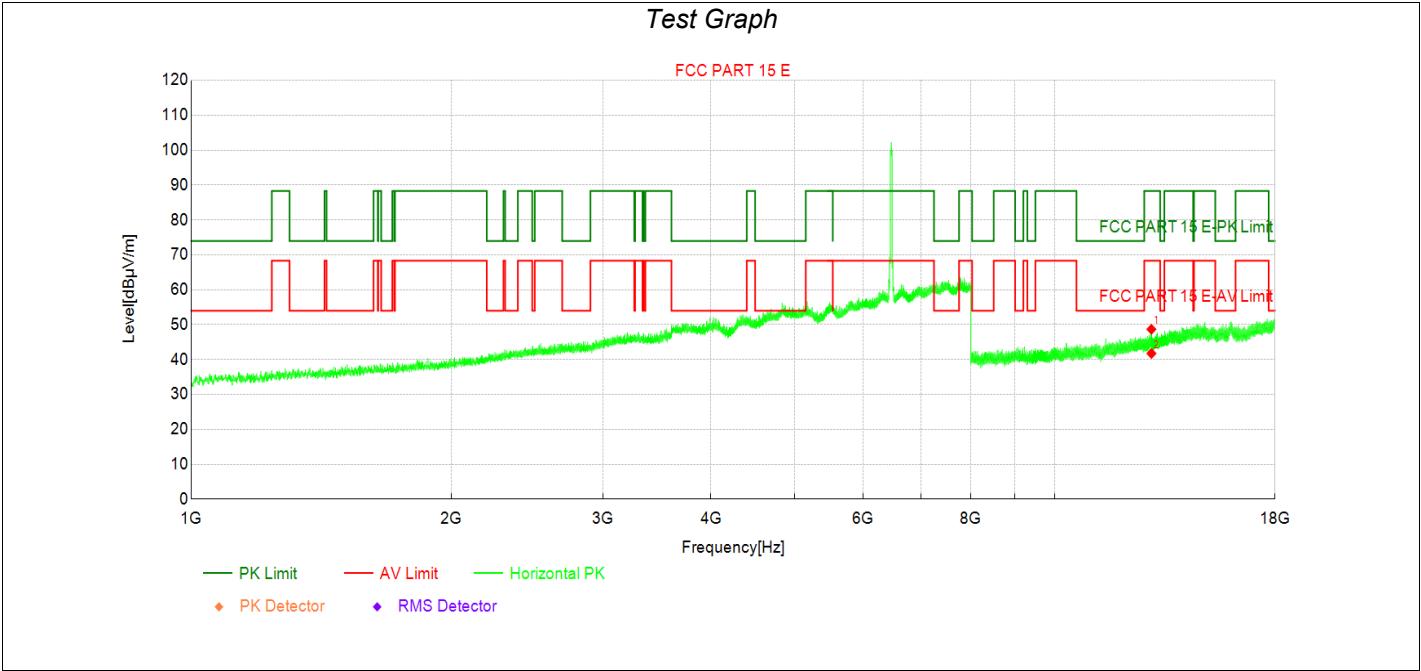
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12868.33	35.74	48.17	12.43	88.30	40.13	PK	Horizo	PASS
2	12870.00	25.56	38.00	12.44	68.30	30.30	AV	Horizo	PASS

Transmit at 6435MHz by 802.11ax(20MHz) with Ant2+3



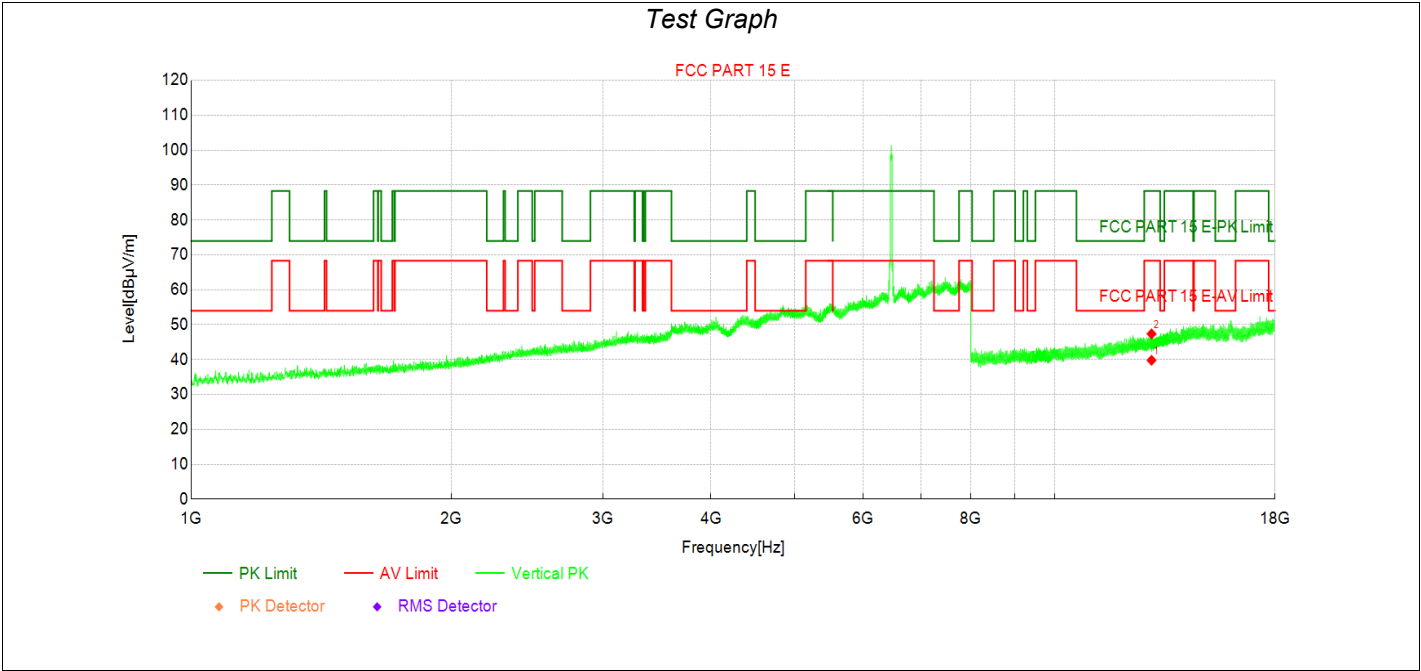
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12870.00	33.87	46.31	12.44	88.30	41.99	PK	Vertic	PASS
2	12870.00	25.74	38.18	12.44	68.30	30.12	AV	Vertic	PASS

Transmit at 6475MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12943.67	36.20	48.67	12.47	88.30	39.63	PK	Horizo	PASS
2	12944.67	29.28	41.75	12.47	68.30	26.55	AV	Horizo	PASS

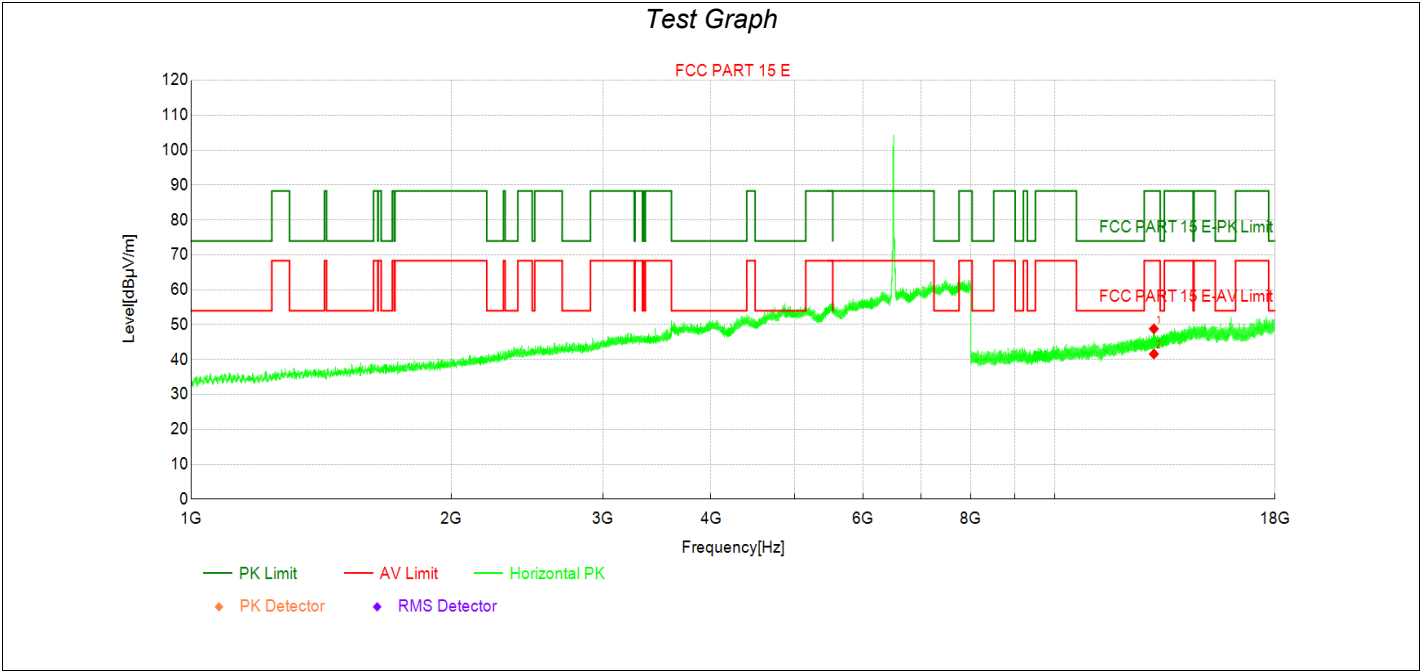
Transmit at 6475MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12949.00	27.35	39.80	12.45	68.30	28.50	AV	Vertic	PASS
2	12950.33	34.90	47.36	12.46	88.30	40.94	PK	Vertic	PASS

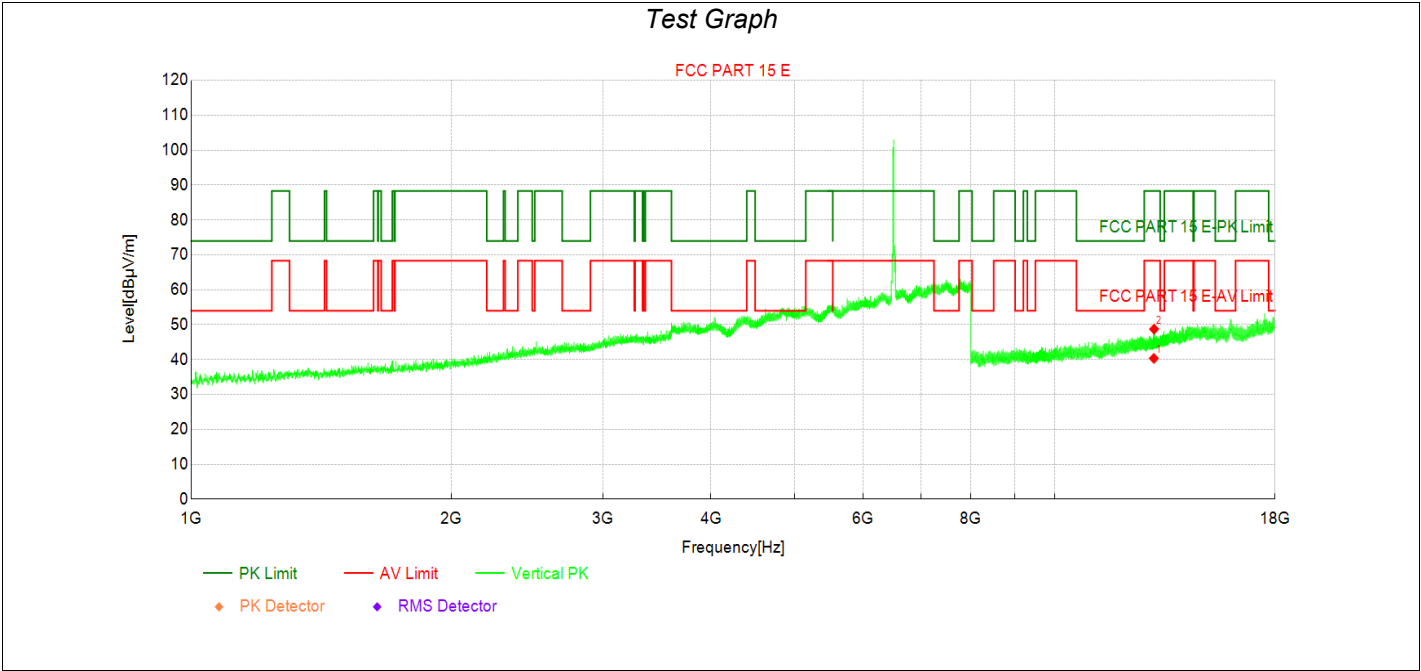
Transmit at 6515MHz by 802.11ax(20MHz) with Ant2+3



Data List

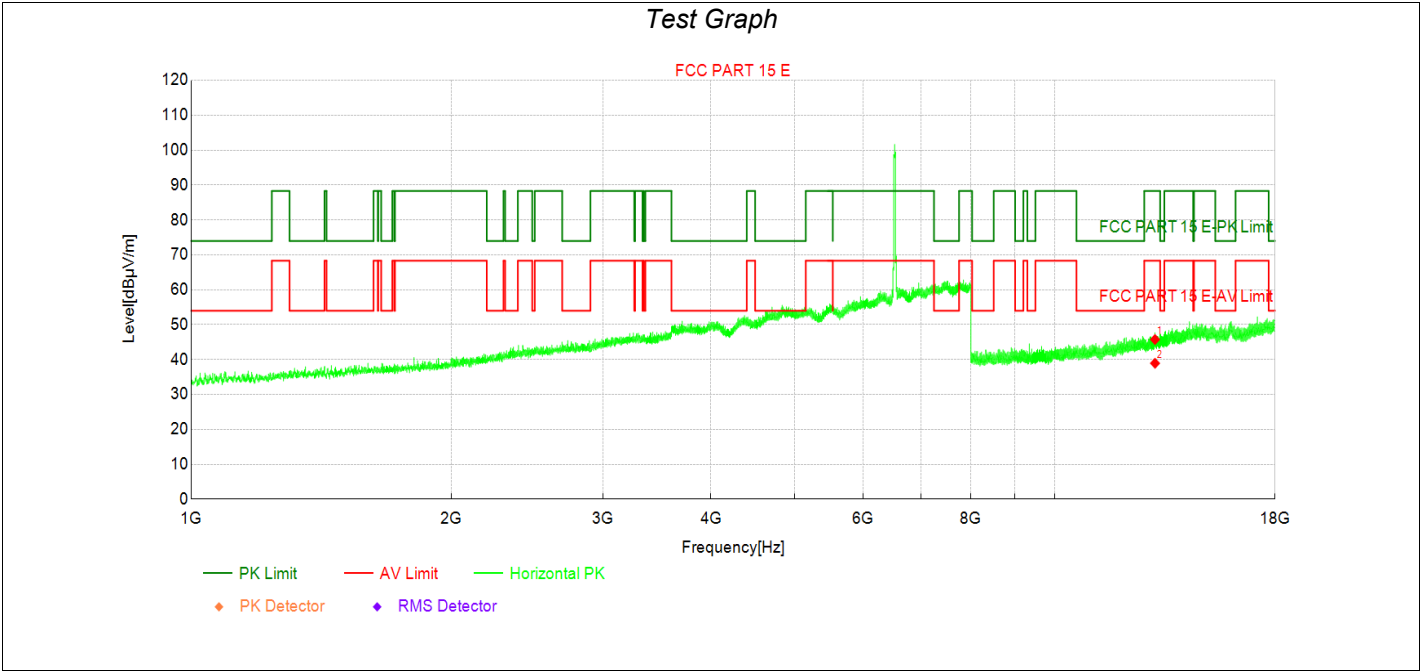
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13030.33	36.29	48.81	12.52	88.30	39.49	PK	Horizo	PASS
2	13030.67	29.07	41.59	12.52	68.30	26.71	AV	Horizo	PASS

Transmit at 6515MHz by 802.11ax(20MHz) with Ant2+3



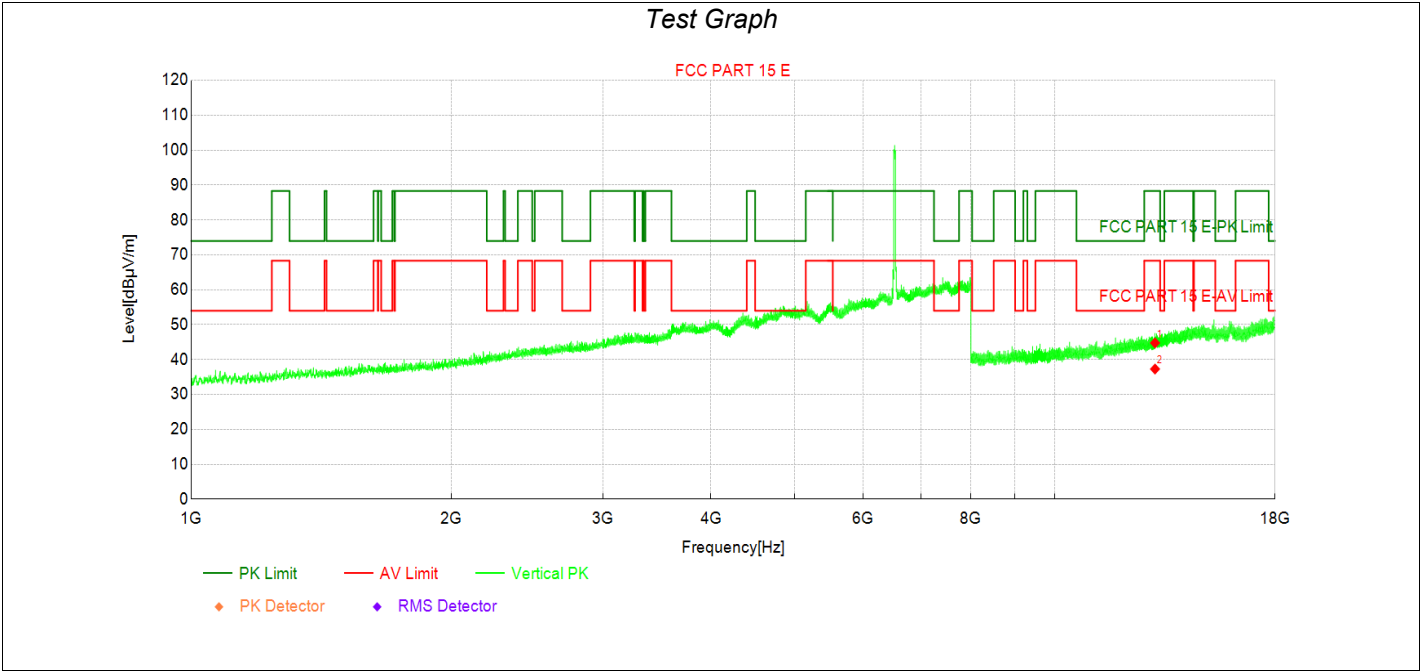
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13029.33	27.83	40.34	12.51	68.30	27.96	AV	Vertic	PASS
2	13038.00	36.17	48.73	12.56	88.30	39.57	PK	Vertic	PASS

Transmit at 6535MHz by 802.11ax(20MHz) with Ant2+3



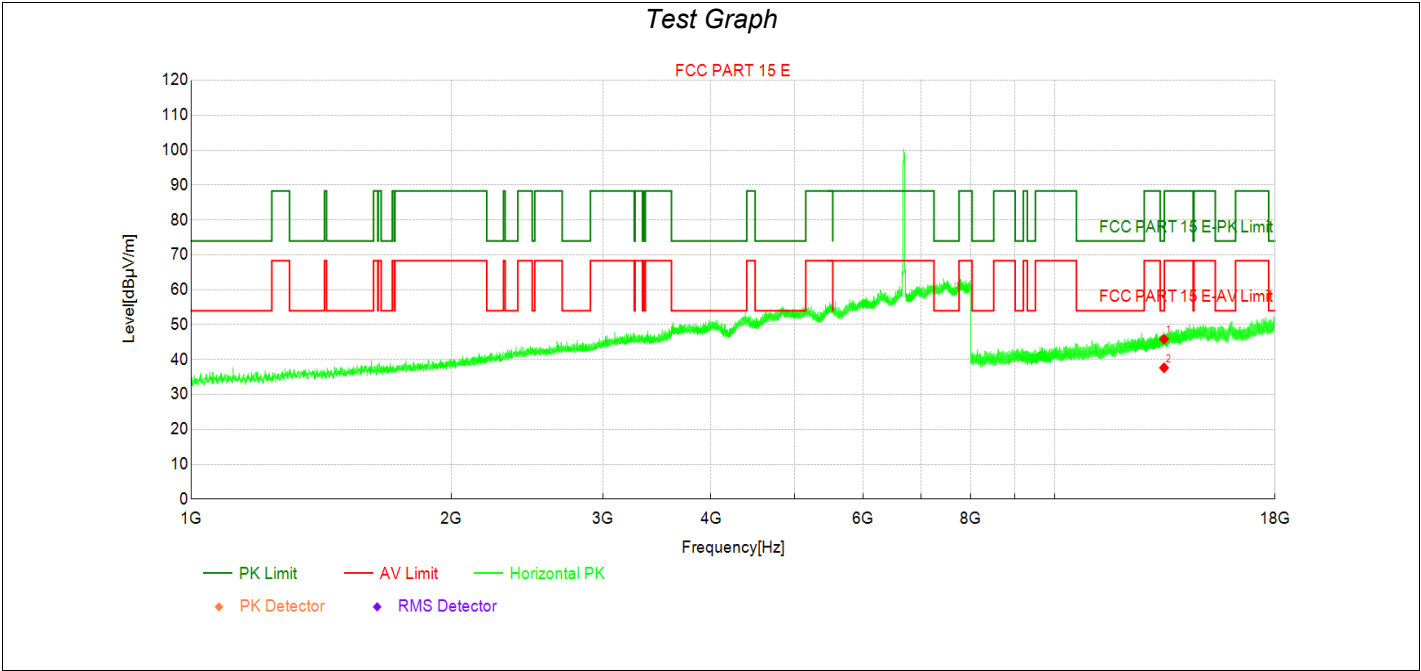
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13070.00	33.00	45.75	12.75	88.30	42.55	PK	Horizo	PASS
2	13070.00	26.19	38.94	12.75	68.30	29.36	AV	Horizo	PASS

Transmit at 6535MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13070.00	32.01	44.76	12.75	88.30	43.54	PK	Vertic	PASS
2	13070.00	24.53	37.28	12.75	68.30	31.02	AV	Vertic	PASS

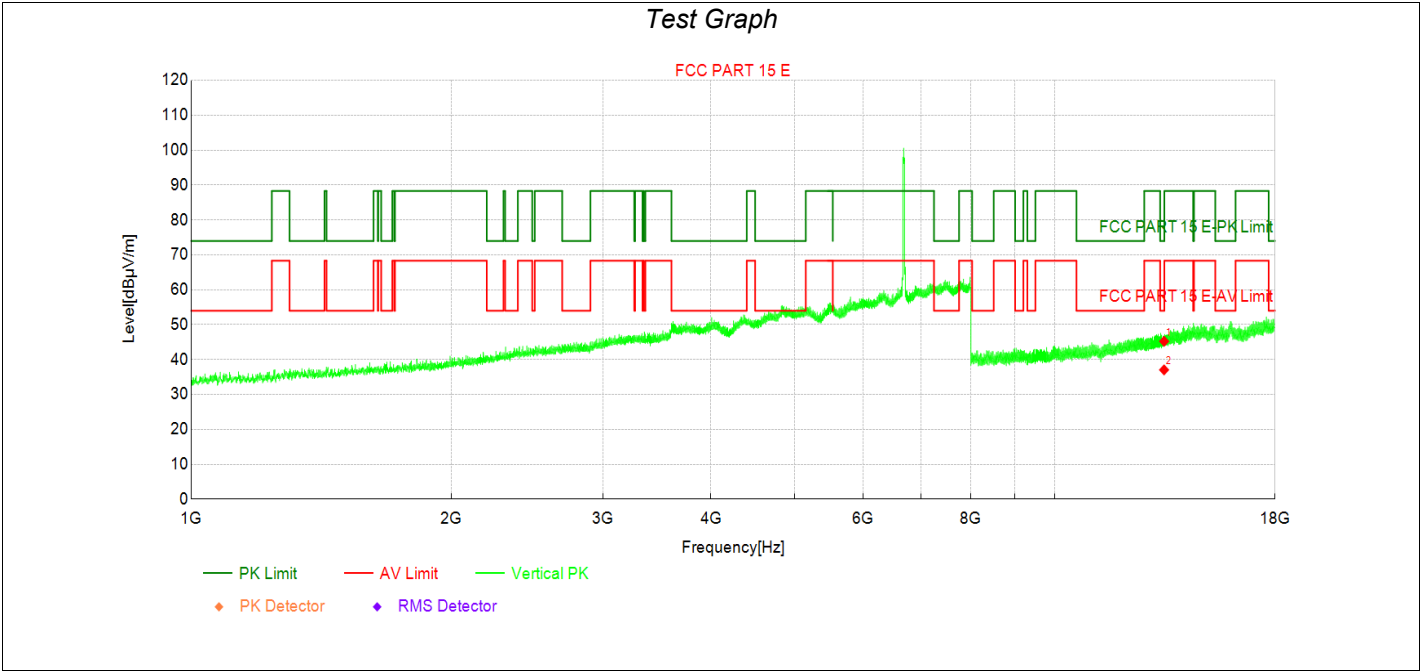
Transmit at 6695MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13390.00	32.15	45.84	13.69	74.00	28.16	PK	Horizo	PASS
2	13390.00	23.95	37.64	13.69	54.00	16.36	AV	Horizo	PASS

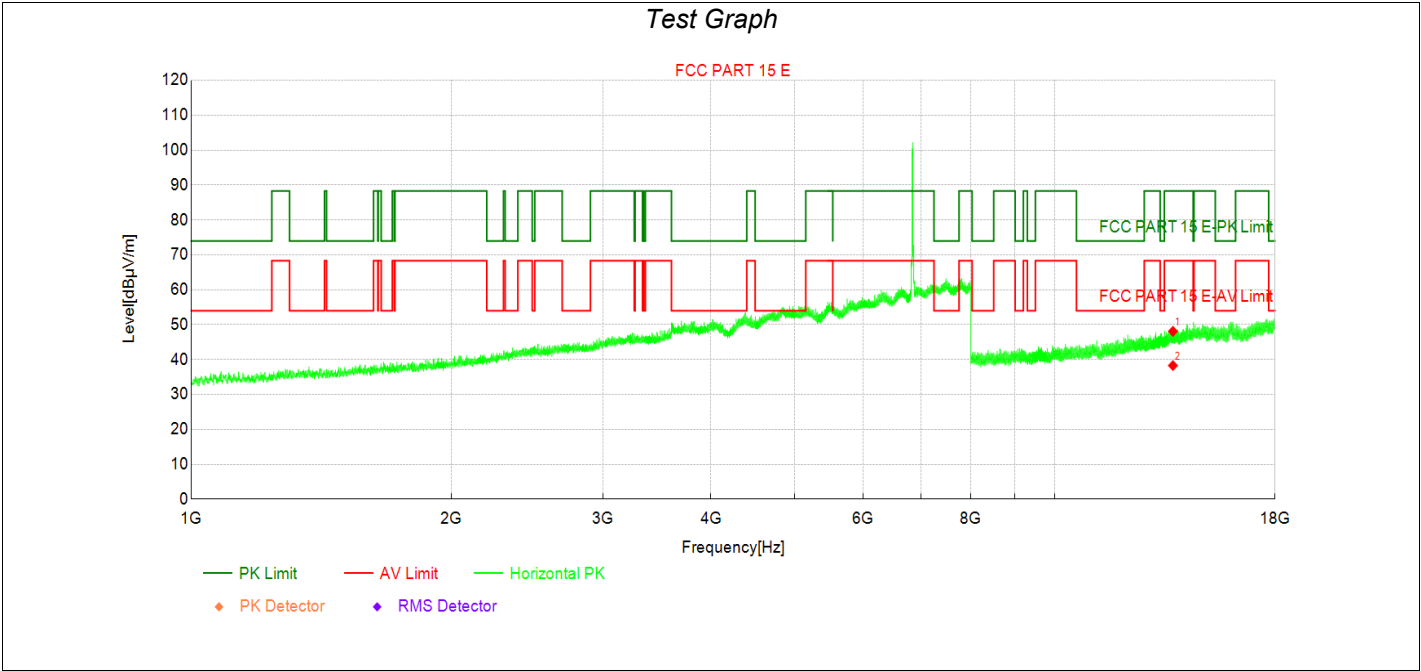
Transmit at 6695MHz by 802.11ax(20MHz) with Ant2+3



Data List

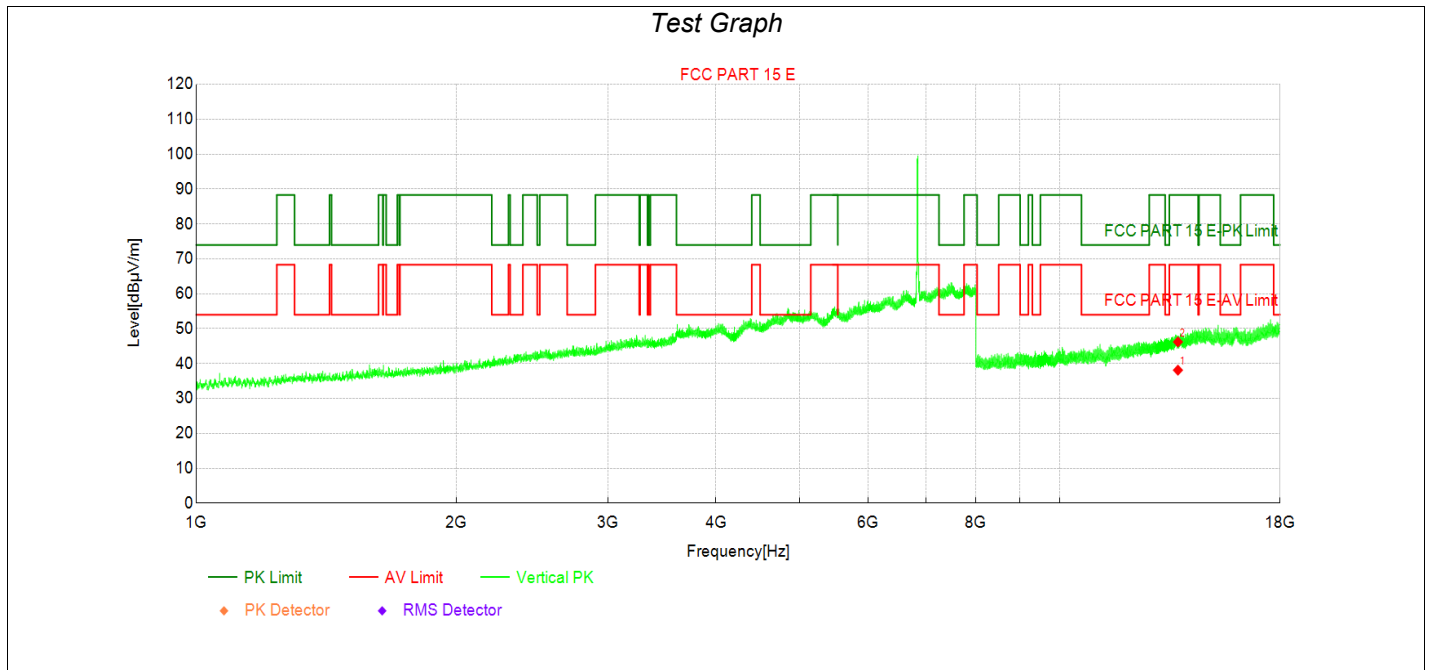
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13390.00	31.54	45.23	13.69	74.00	28.77	PK	Vertic	PASS
2	13390.00	23.35	37.04	13.69	54.00	16.96	AV	Vertic	PASS

Transmit at 6855MHz by 802.11ax(20MHz) with Ant2+3



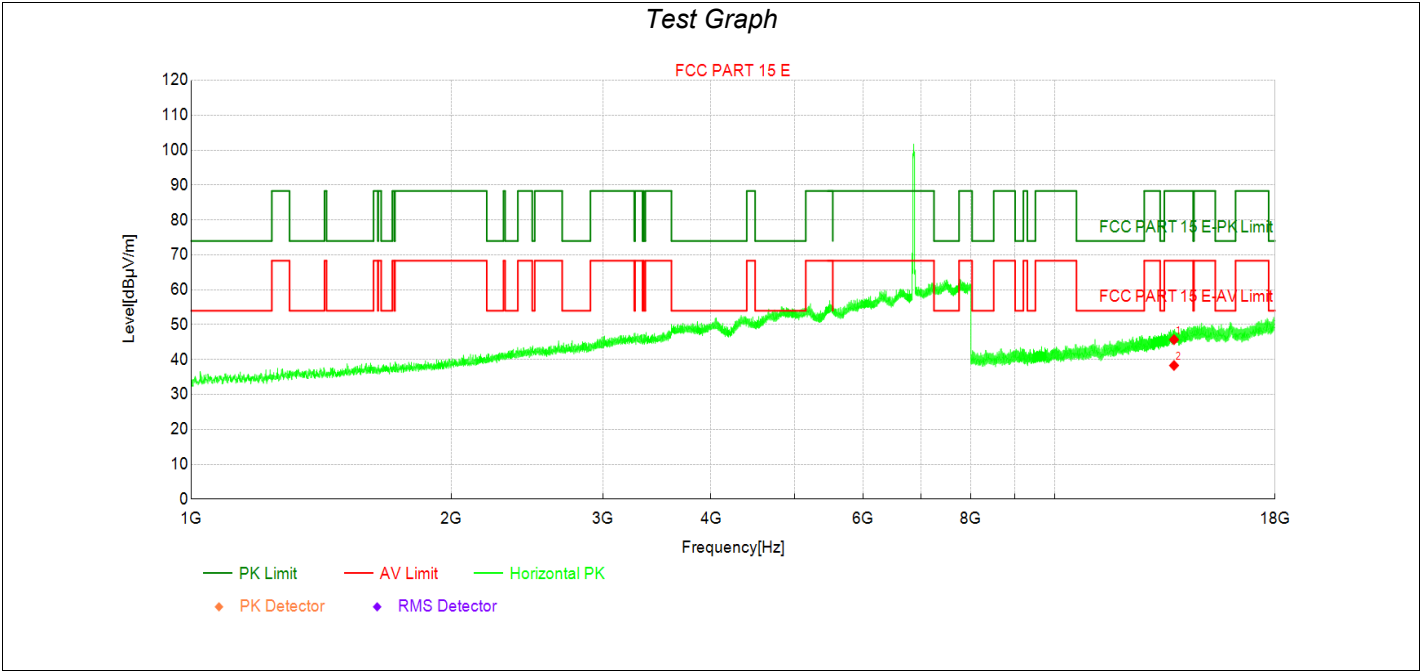
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13710.00	33.93	48.08	14.15	88.30	40.22	PK	Horizo	PASS
2	13710.00	24.14	38.29	14.15	68.30	30.01	AV	Horizo	PASS

Transmit at 6855MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	13710.00	23.96	38.11	14.15	68.30	30.19	AV	Vertic	PASS
2	13710.00	32.06	46.21	14.15	88.30	42.09	PK	Vertic	PASS

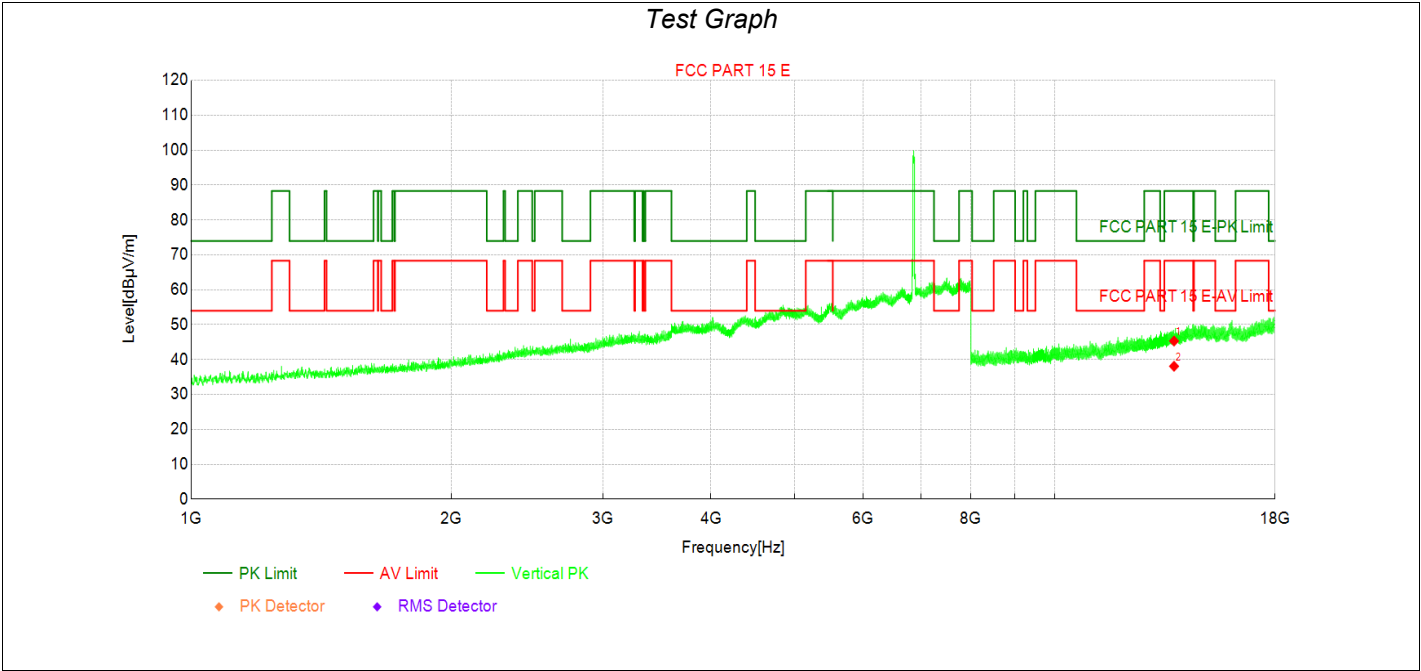
Transmit at 6875MHz by 802.11ax(20MHz) with Ant2+3



Data List

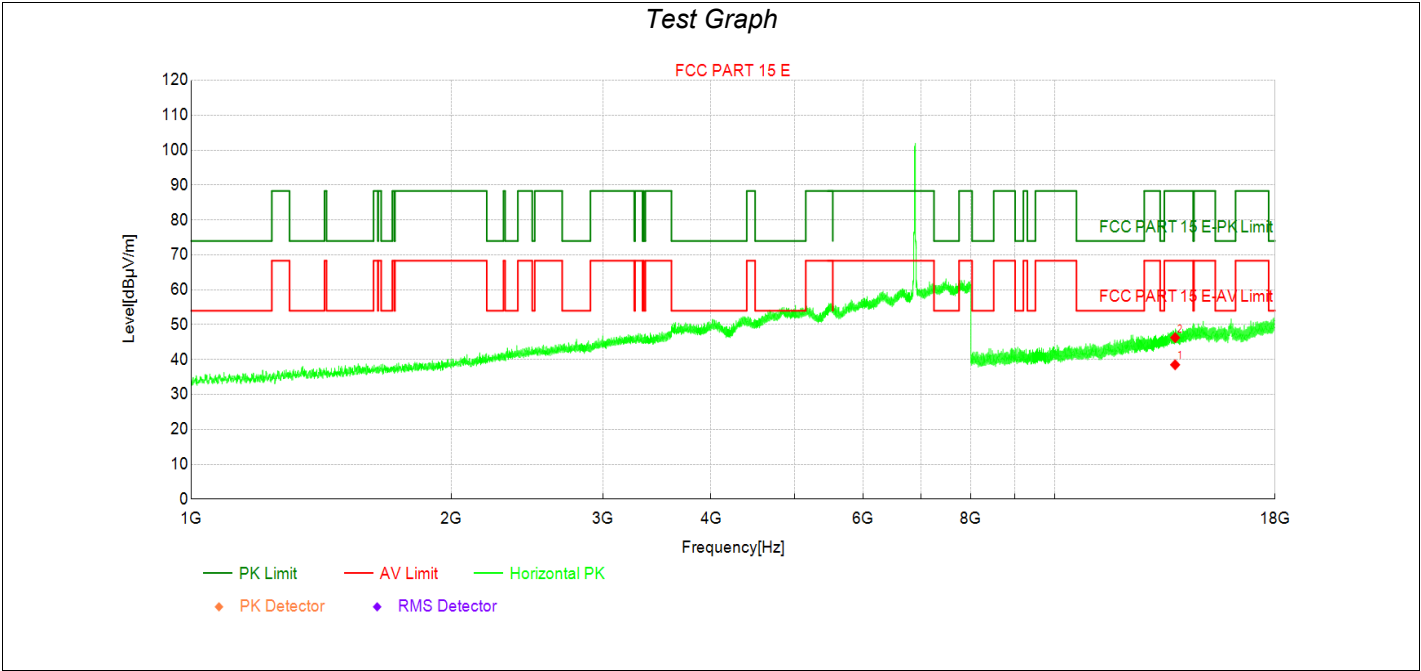
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13750.00	31.48	45.70	14.22	88.30	42.60	PK	Horizo	PASS
2	13750.00	24.09	38.31	14.22	68.30	29.99	AV	Horizo	PASS

Transmit at 6875MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13750.00	31.09	45.31	14.22	88.30	42.99	PK	Vertic	PASS
2	13750.00	23.86	38.08	14.22	68.30	30.22	AV	Vertic	PASS

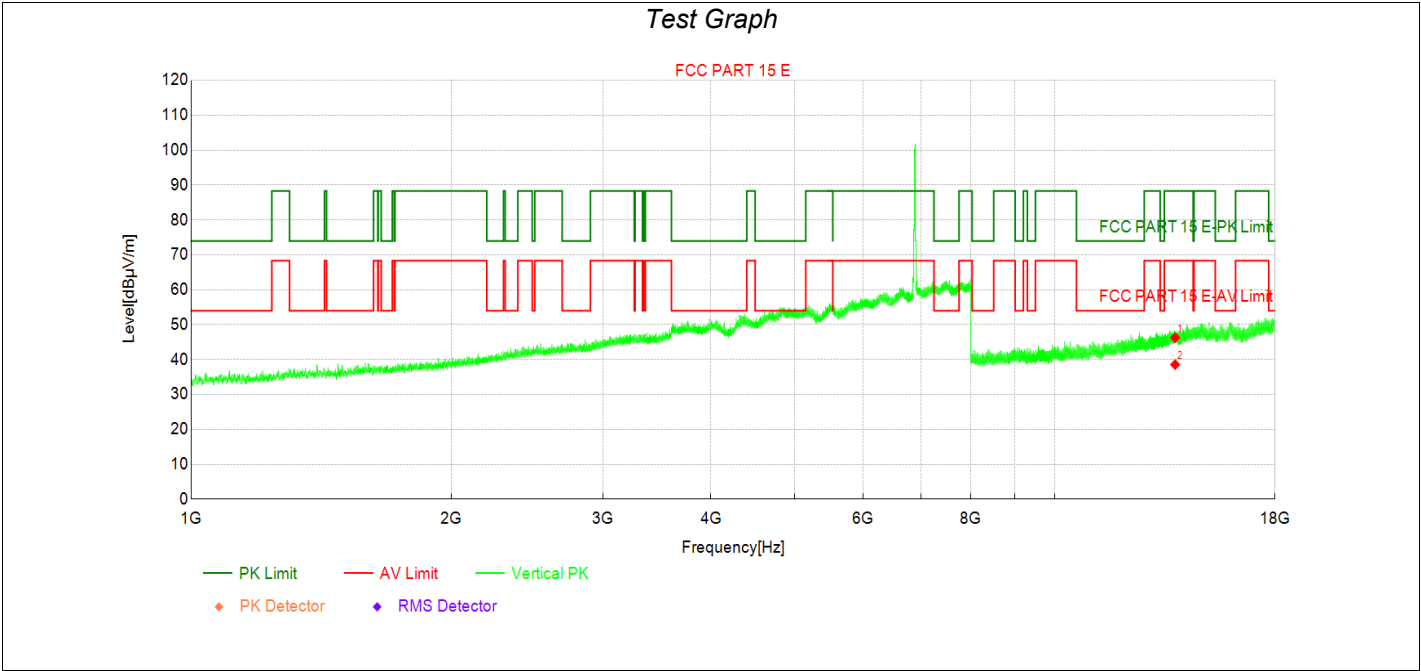
Transmit at 6895MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13790.00	24.22	38.51	14.29	68.30	29.79	AV	Horizo	PASS
2	13790.00	32.00	46.29	14.29	88.30	42.01	PK	Horizo	PASS

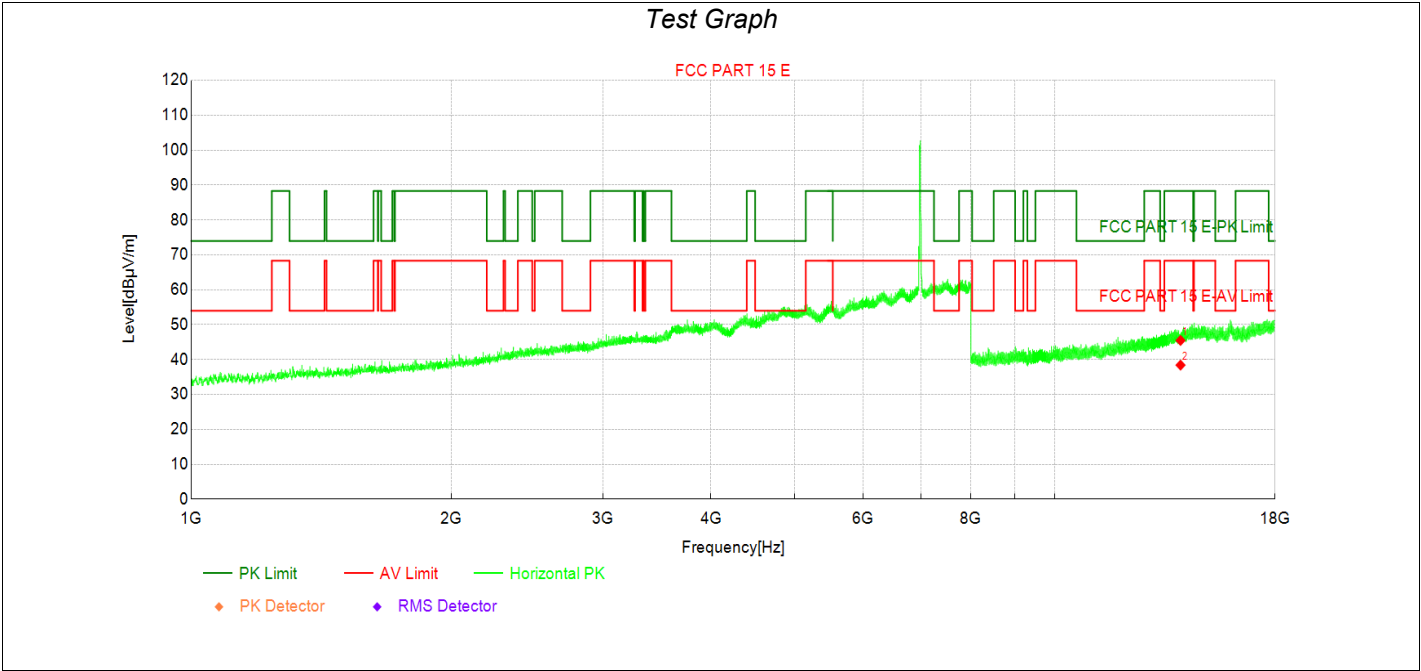
Transmit at 6895MHz by 802.11ax(20MHz) with Ant2+3



Data List

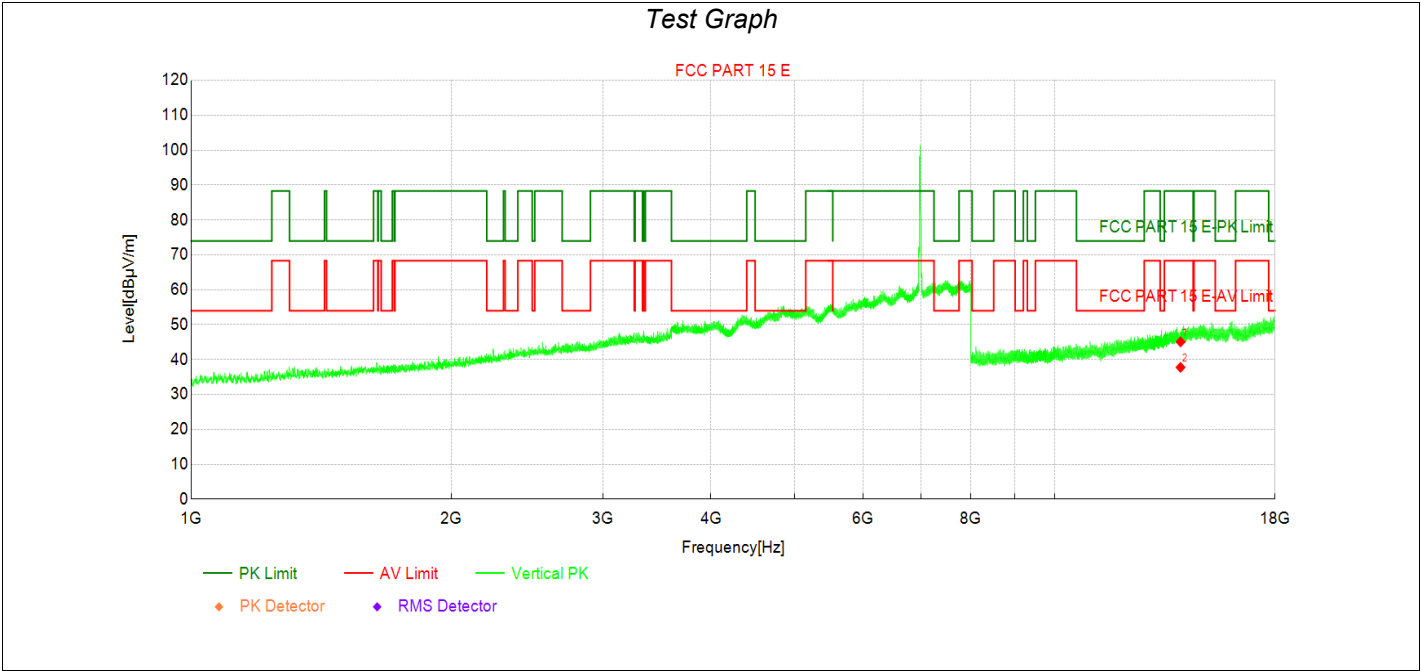
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13790.00	31.97	46.26	14.29	88.30	42.04	PK	Vertic	PASS
2	13790.00	24.26	38.55	14.29	68.30	29.75	AV	Vertic	PASS

Transmit at 6995MHz by 802.11ax(20MHz) with Ant2+3



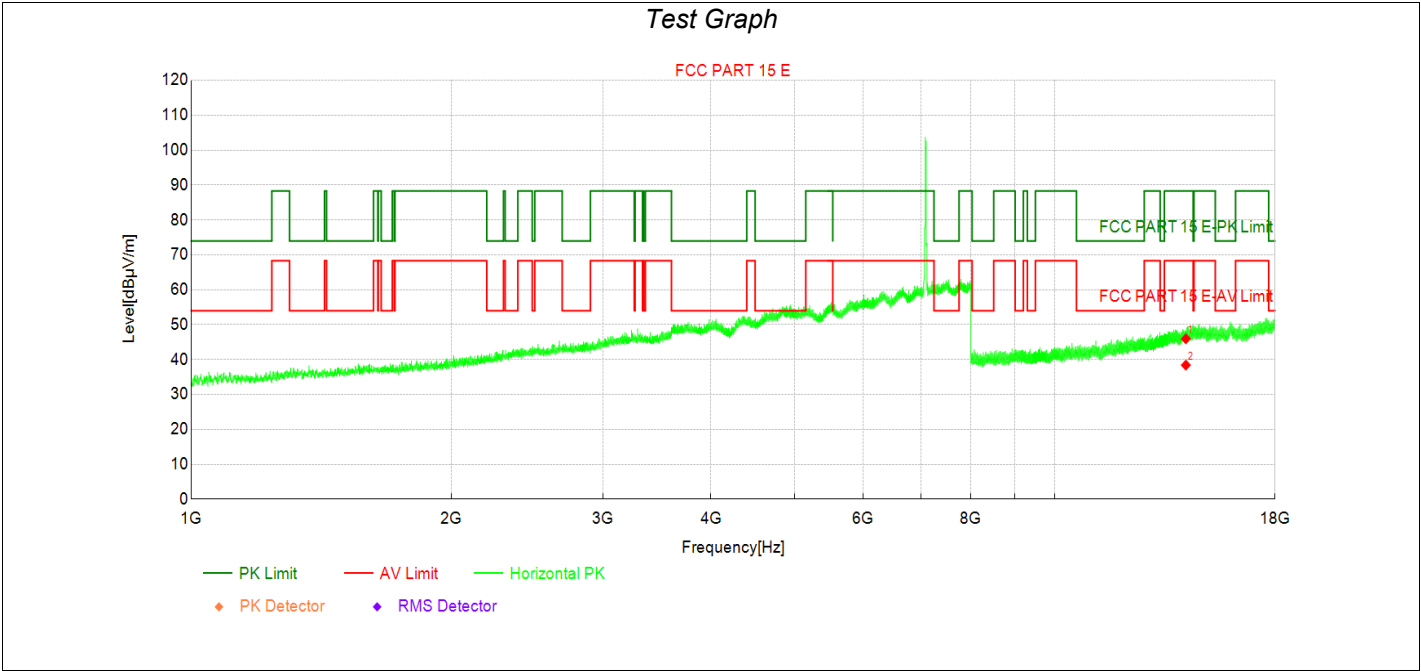
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13990.00	30.73	45.48	14.75	88.30	42.82	PK	Horizo	PASS
2	13990.00	23.66	38.41	14.75	68.30	29.89	AV	Horizo	PASS

Transmit at 6995MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13990.00	30.33	45.08	14.75	88.30	43.22	PK	Vertic	PASS
2	13990.00	23.02	37.77	14.75	68.30	30.53	AV	Vertic	PASS

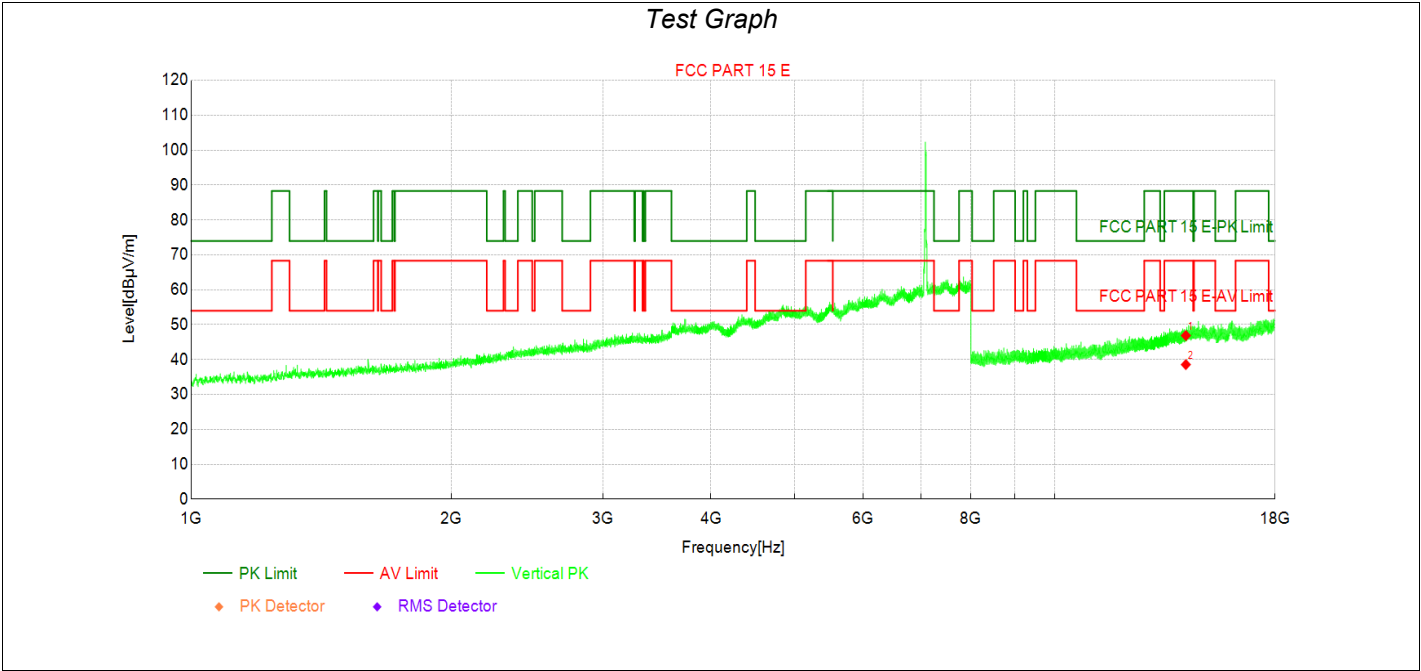
Transmit at 7095MHz by 802.11ax(20MHz) with Ant2+3



Data List

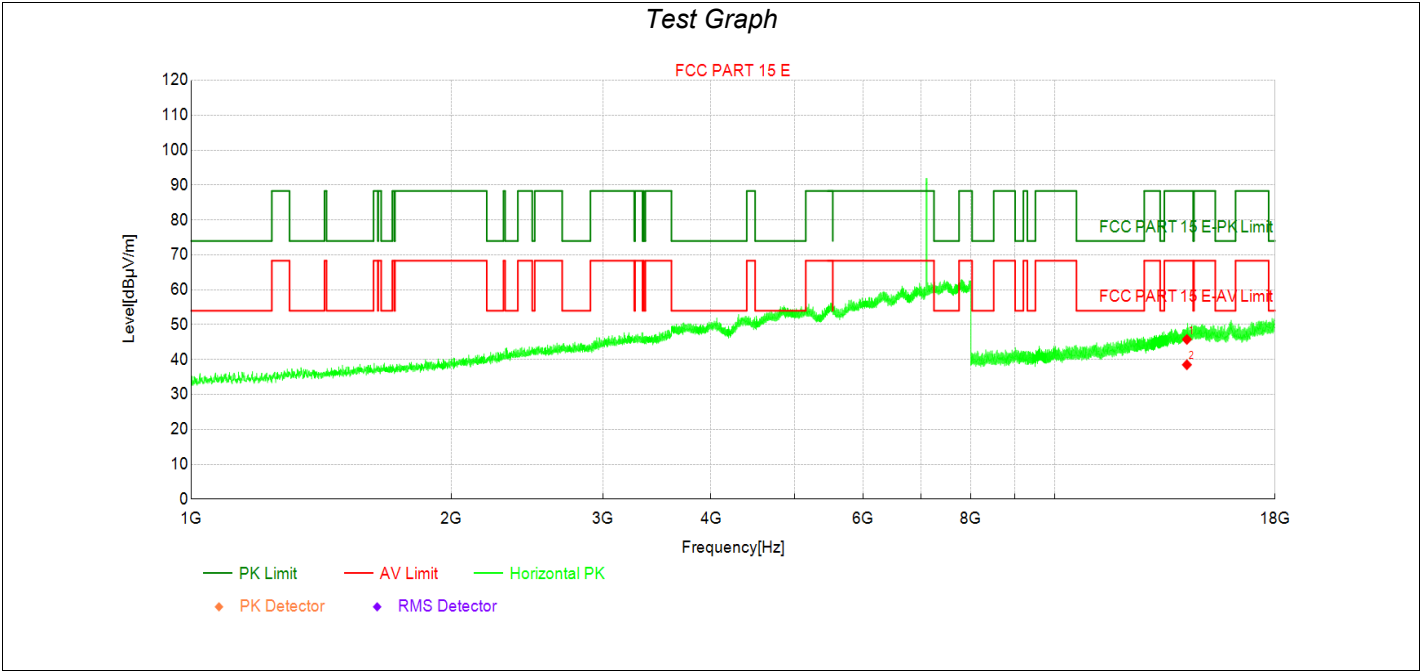
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14190.00	30.52	45.94	15.42	88.30	42.36	PK	Horizo	PASS
2	14190.00	22.98	38.40	15.42	68.30	29.90	AV	Horizo	PASS

Transmit at 7095MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14190.00	31.46	46.88	15.42	88.30	41.42	PK	Vertic	PASS
2	14190.00	23.14	38.56	15.42	68.30	29.74	AV	Vertic	PASS

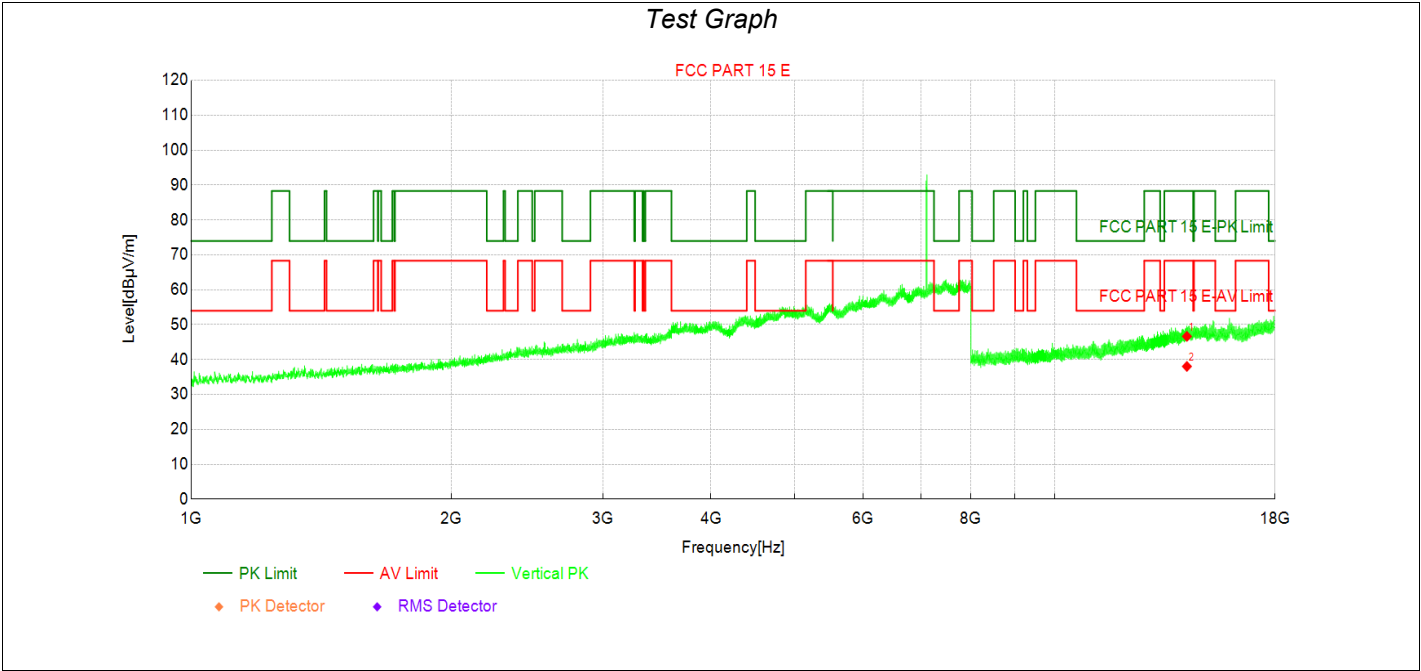
Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14230.00	30.11	45.77	15.66	88.30	42.53	PK	Horizo	PASS
2	14230.00	22.85	38.51	15.66	68.30	29.79	AV	Horizo	PASS

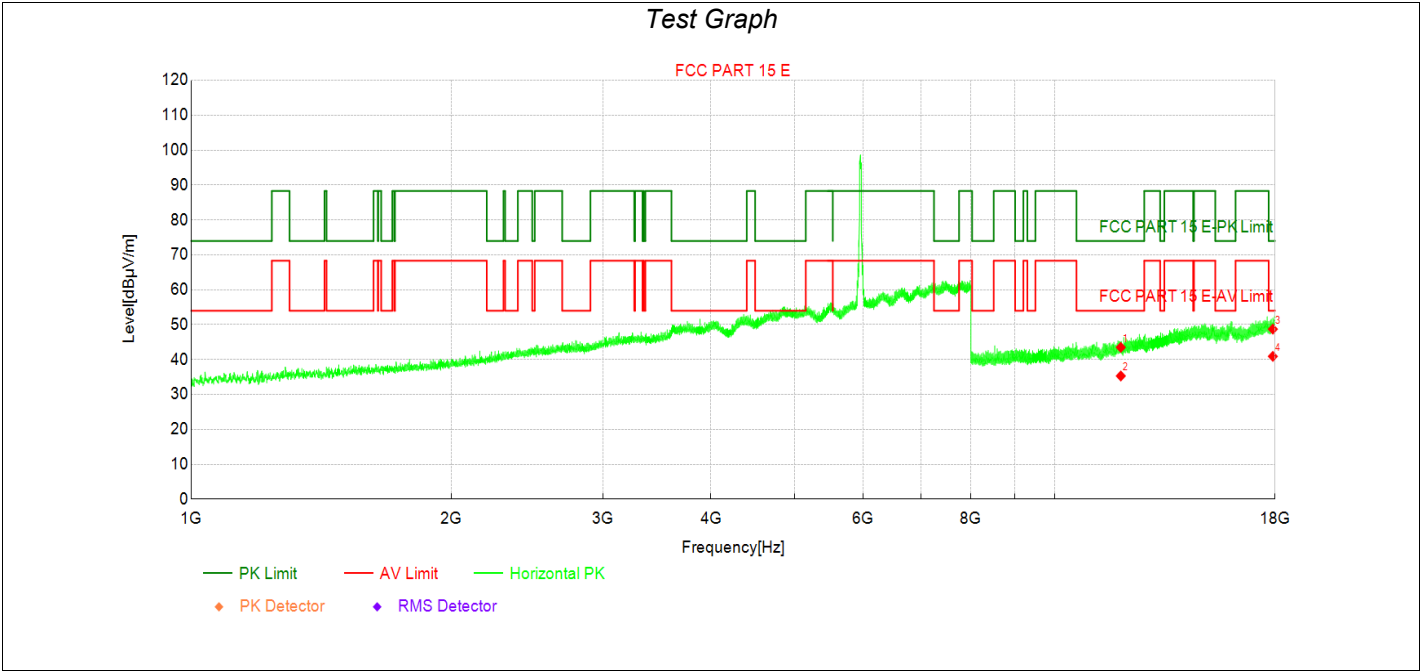
Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14230.00	30.98	46.64	15.66	88.30	41.66	PK	Vertic	PASS
2	14230.00	22.37	38.03	15.66	68.30	30.27	AV	Vertic	PASS

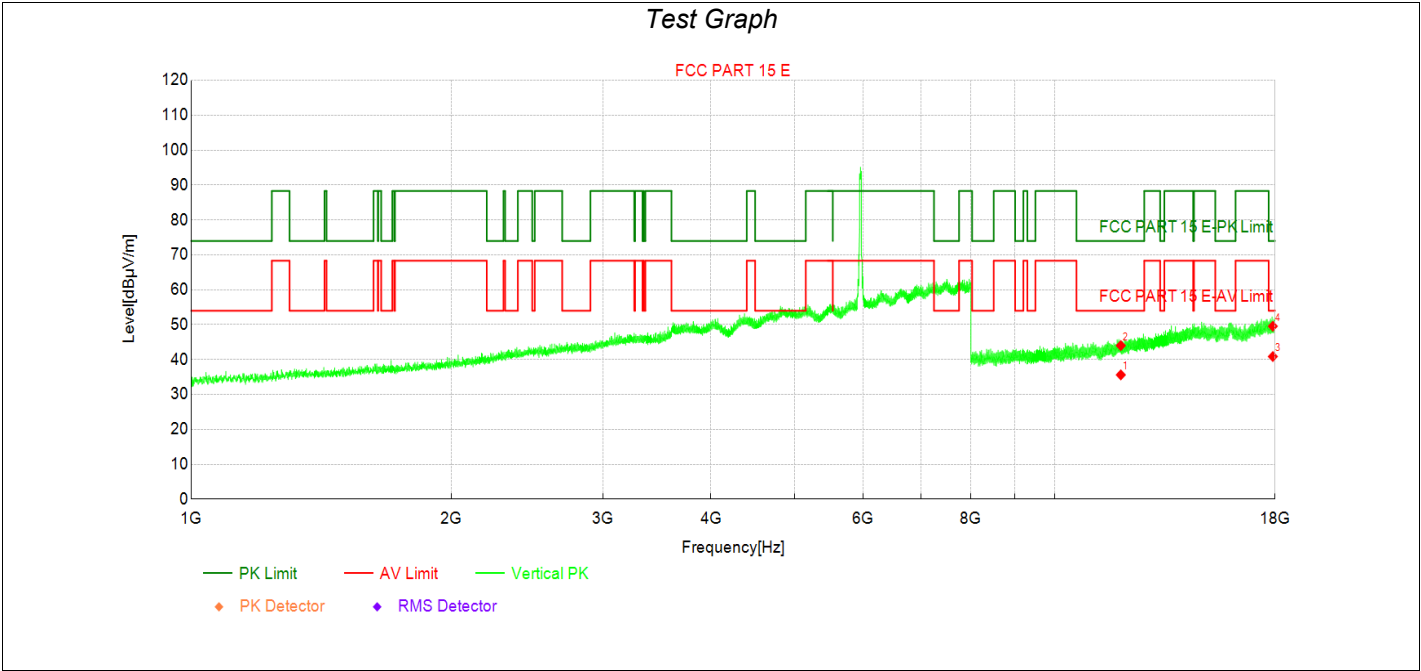
Transmit at 5965MHz by 802.11ax(40MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11930.00	30.75	43.49	12.74	74.00	30.51	PK	Horizo	PASS
2	11930.00	22.55	35.29	12.74	54.00	18.71	AV	Horizo	PASS
3	17895.00	28.46	48.72	20.26	74.00	25.28	PK	Horizo	PASS
4	17895.00	20.66	40.92	20.26	54.00	13.08	AV	Horizo	PASS

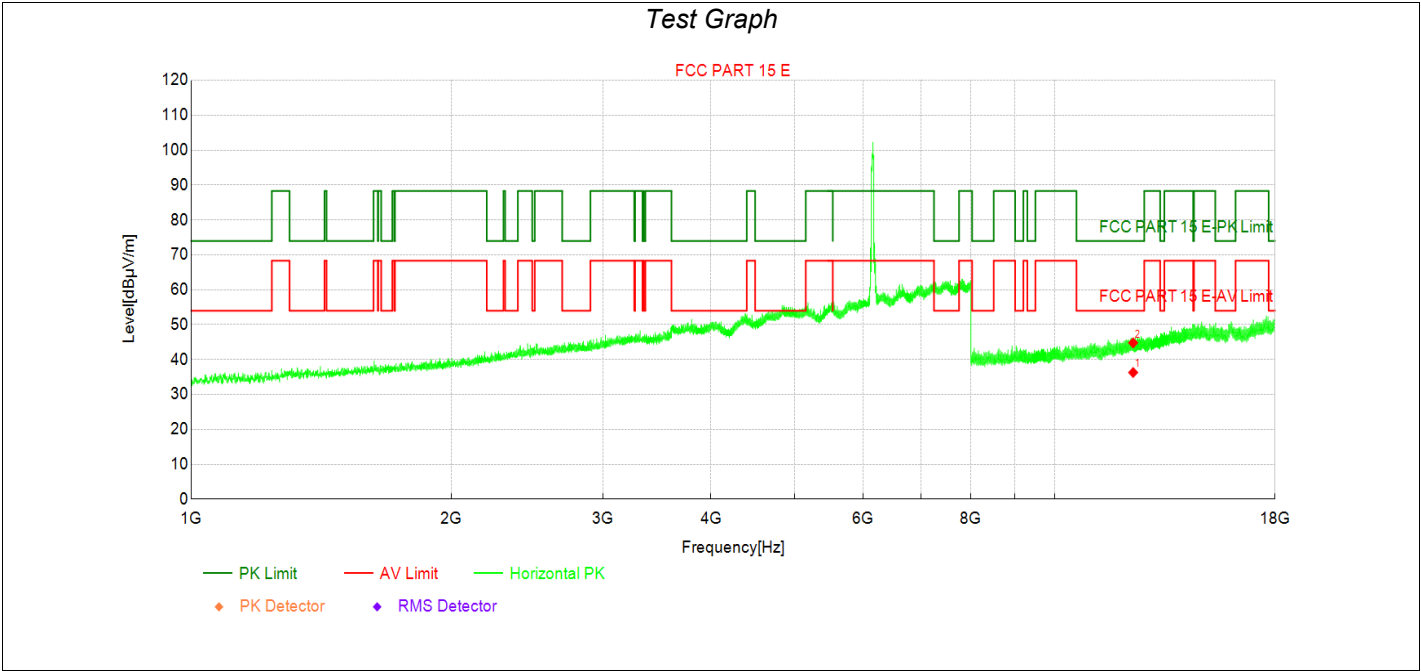
Transmit at 5965MHz by 802.11ax(40MHz) with Ant2+3



Data List

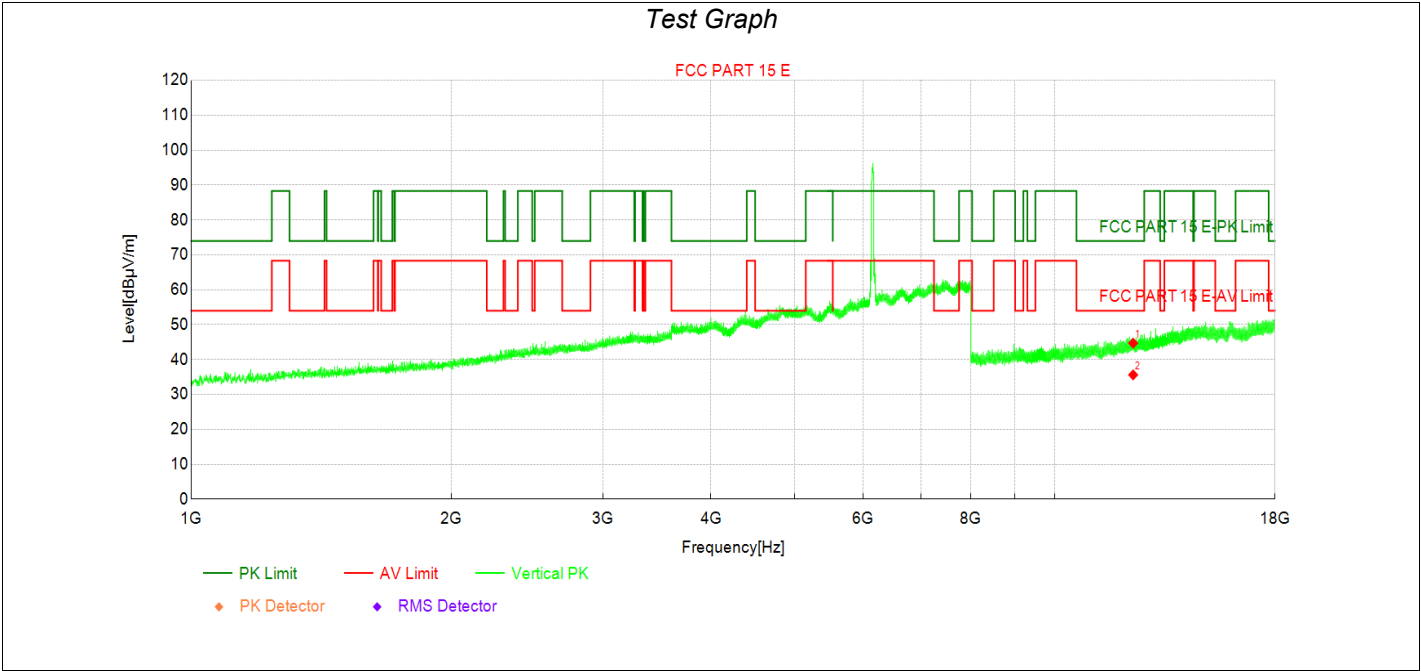
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11930.00	22.87	35.61	12.74	54.00	18.39	AV	Vertic	PASS
2	11930.00	31.27	44.01	12.74	74.00	29.99	PK	Vertic	PASS
3	17895.00	20.61	40.87	20.26	54.00	13.13	AV	Vertic	PASS
4	17895.00	29.28	49.54	20.26	74.00	24.46	PK	Vertic	PASS

Transmit at 6165MHz by 802.11ax(40MHz) with Ant2+3



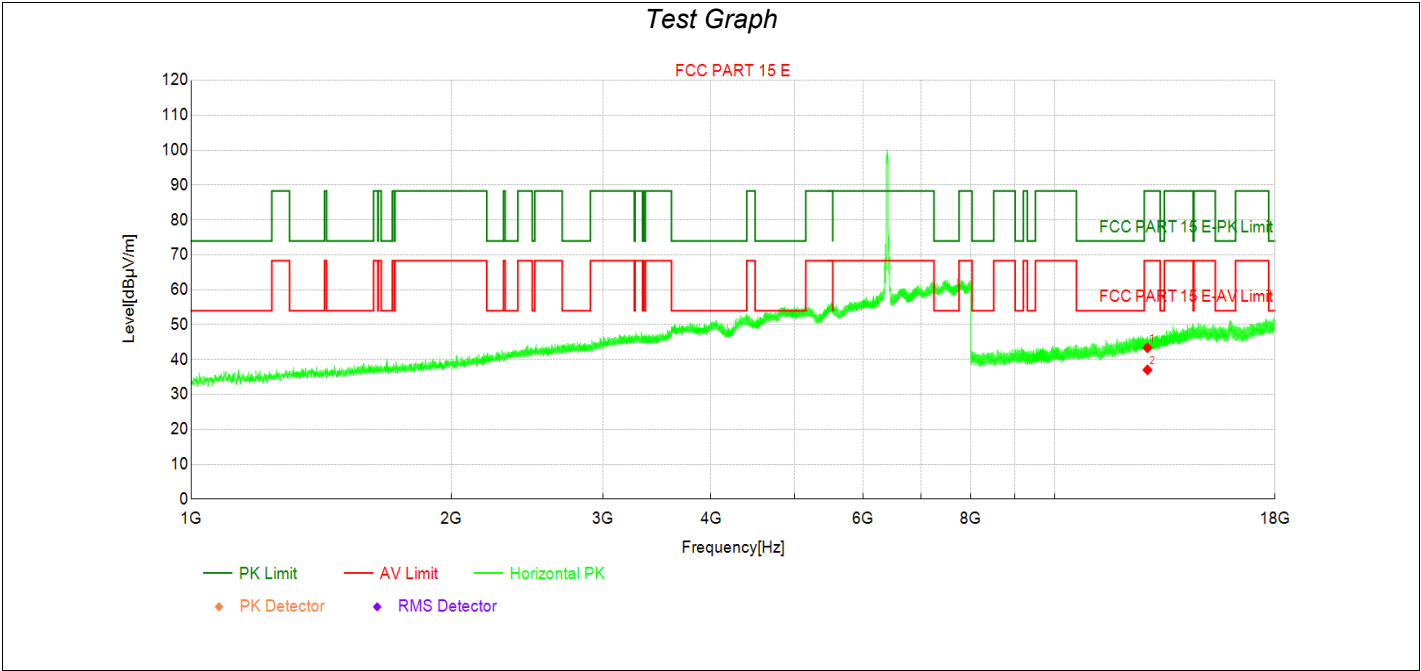
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12330.00	24.47	36.30	11.83	54.00	17.70	AV	Horizo	PASS
2	12330.00	32.96	44.79	11.83	74.00	29.21	PK	Horizo	PASS

Transmit at 6165MHz by 802.11ax(40MHz) with Ant2+3



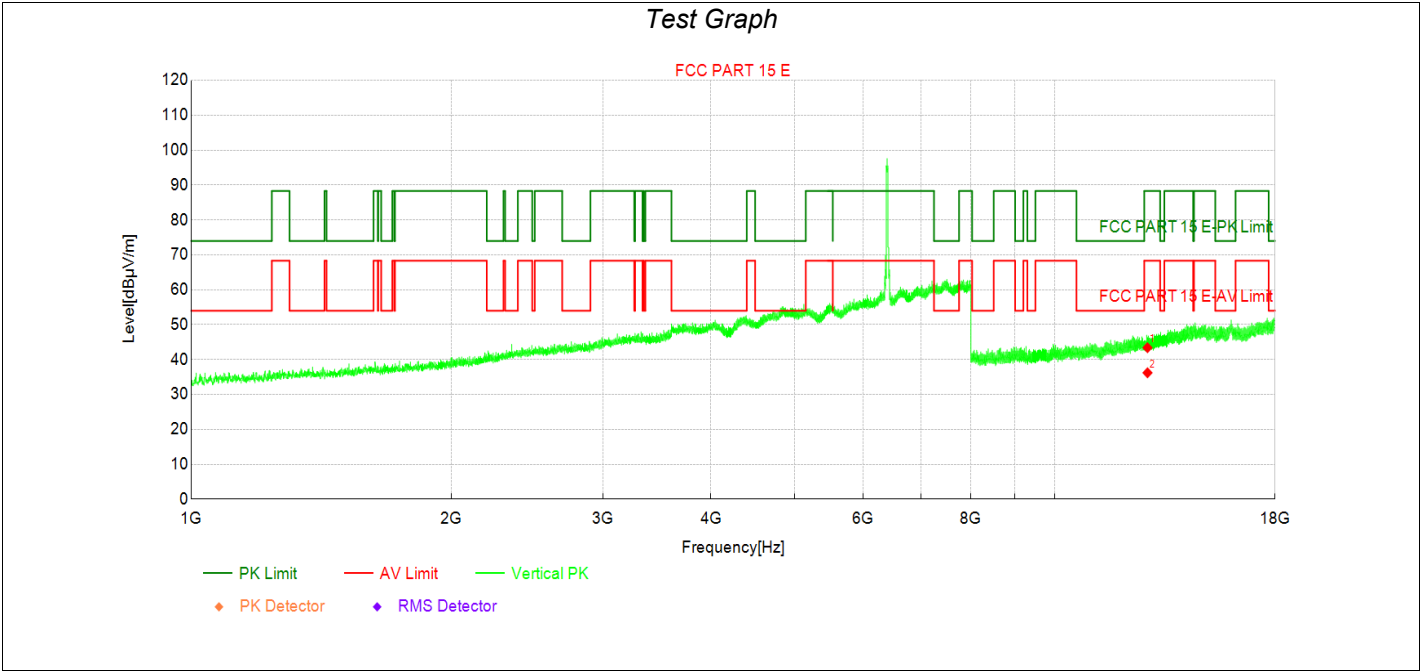
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12330.00	32.87	44.70	11.83	74.00	29.30	PK	Vertic	PASS
2	12330.00	23.78	35.61	11.83	54.00	18.39	AV	Vertic	PASS

Transmit at 6405MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12810.00	31.19	43.37	12.18	88.30	44.93	PK	Horizo	PASS
2	12810.00	24.86	37.04	12.18	68.30	31.26	AV	Horizo	PASS

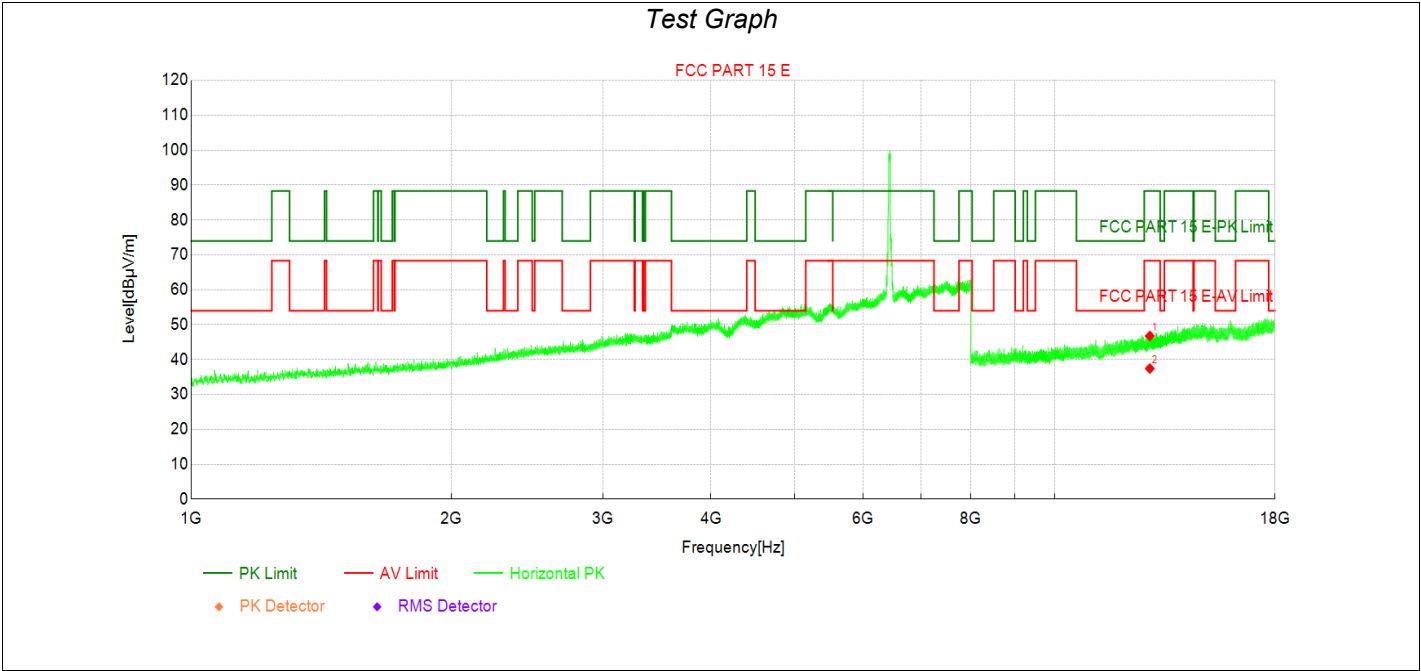
Transmit at 6405MHz by 802.11ax(40MHz) with Ant2+3



Data List

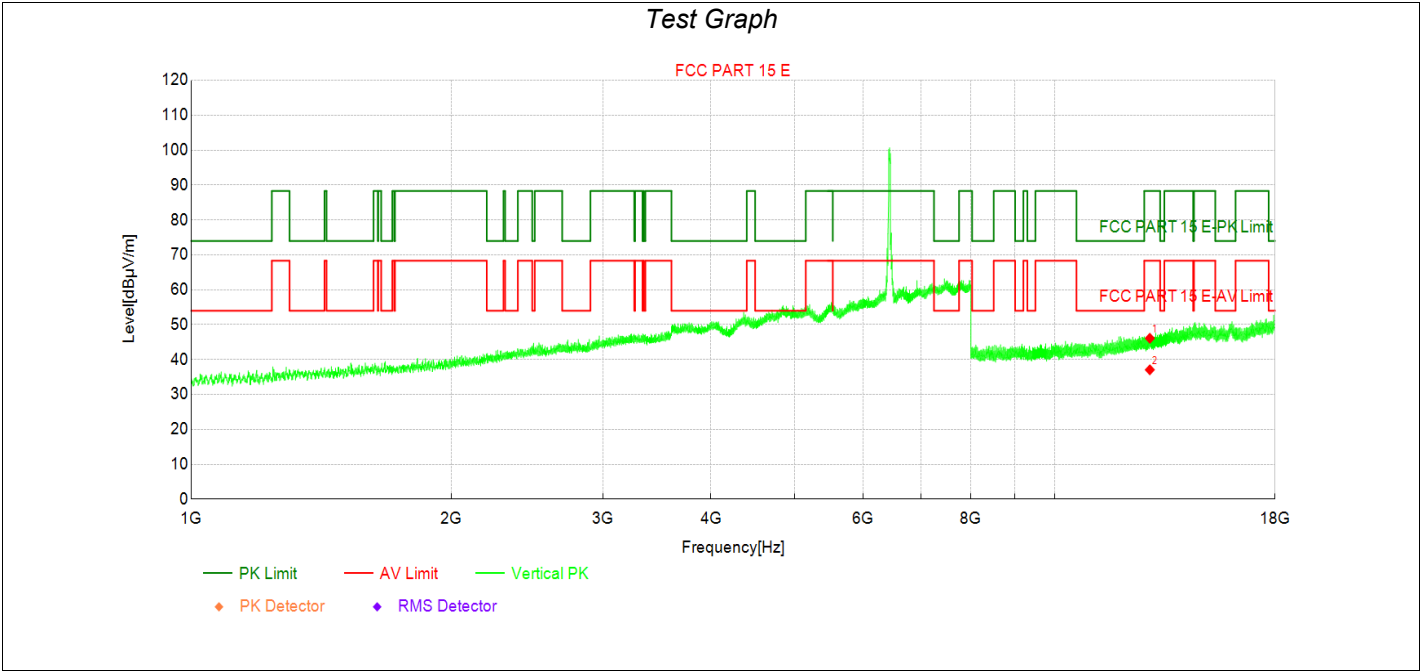
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12810.00	31.22	43.40	12.18	88.30	44.90	PK	Vertic	PASS
2	12810.00	24.03	36.21	12.18	68.30	32.09	AV	Vertic	PASS

Transmit at 6445MHz by 802.11ax(40MHz) with Ant2+3



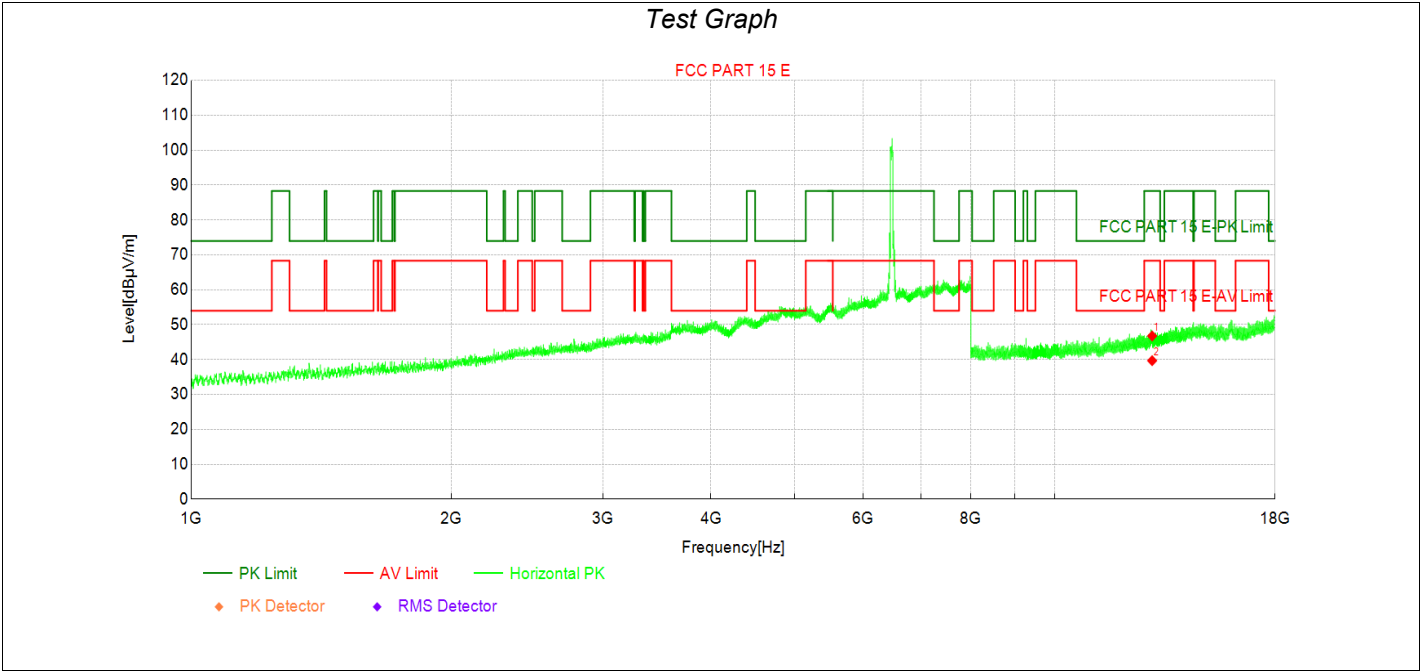
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12890.00	34.23	46.75	12.52	88.30	41.55	PK	Horizo	PASS
2	12890.00	24.91	37.43	12.52	68.30	30.87	AV	Horizo	PASS

Transmit at 6445MHz by 802.11ax(40MHz) with Ant2+3



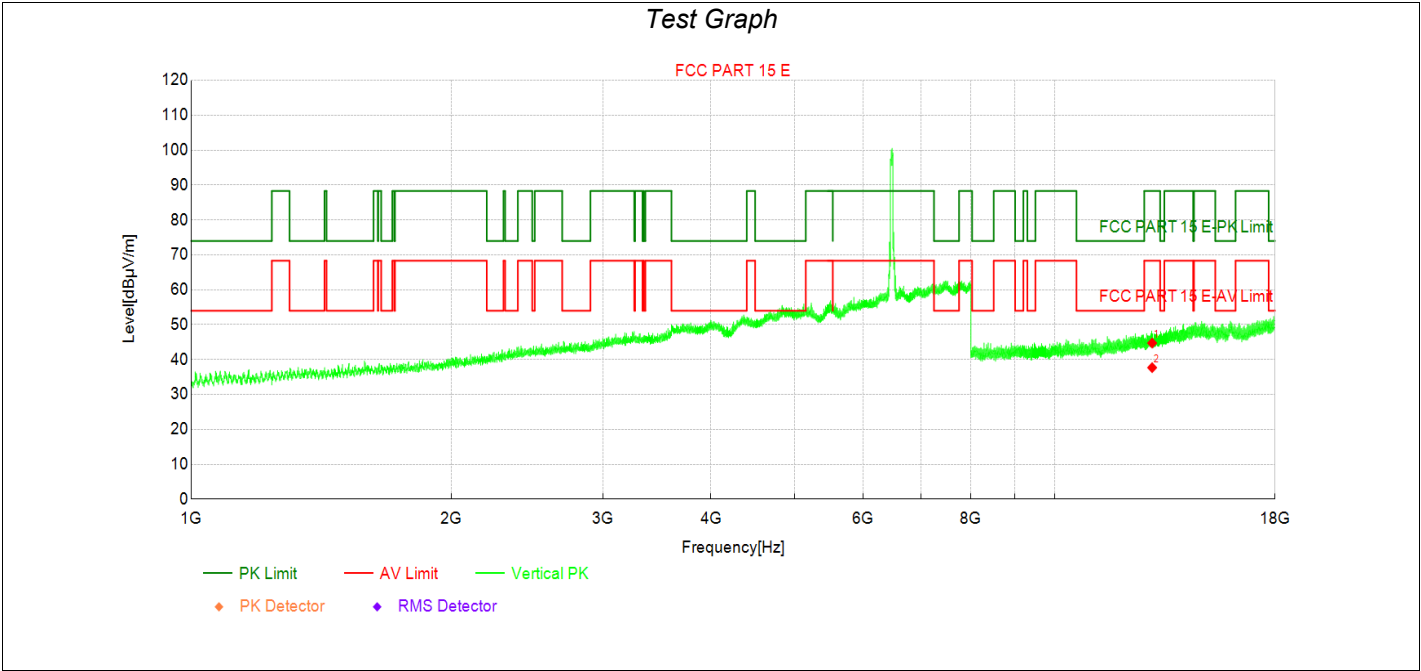
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12890.00	33.58	46.10	12.52	88.30	42.20	PK	Vertic	PASS
2	12890.00	24.55	37.07	12.52	68.30	31.23	AV	Vertic	PASS

Transmit at 6485MHz by 802.11ax(40MHz) with Ant2+3



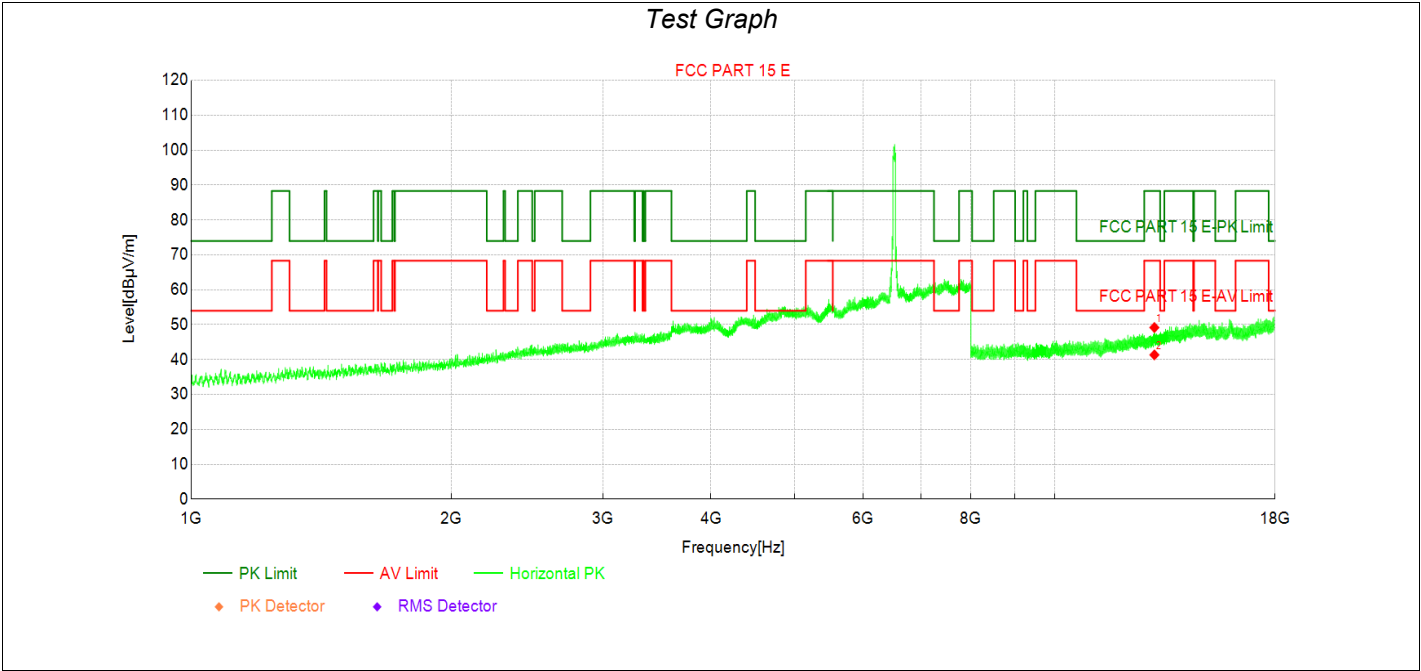
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12970.00	34.33	46.75	12.42	88.30	41.55	PK	Horizo	PASS
2	12970.00	27.26	39.68	12.42	68.30	28.62	AV	Horizo	PASS

Transmit at 6485MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12970.00	32.31	44.73	12.42	88.30	43.57	PK	Vertic	PASS
2	12970.00	25.26	37.68	12.42	68.30	30.62	AV	Vertic	PASS

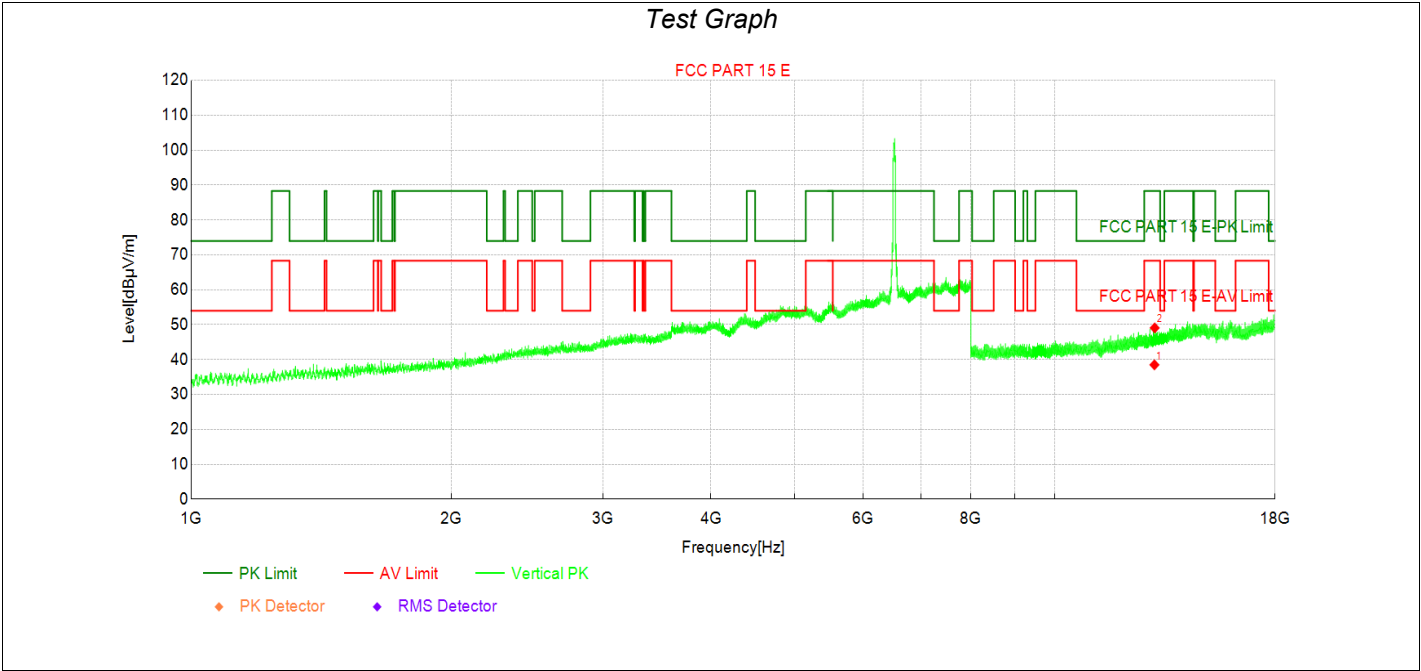
Transmit at 6525MHz by 802.11ax(40MHz) with Ant2+3



Data List

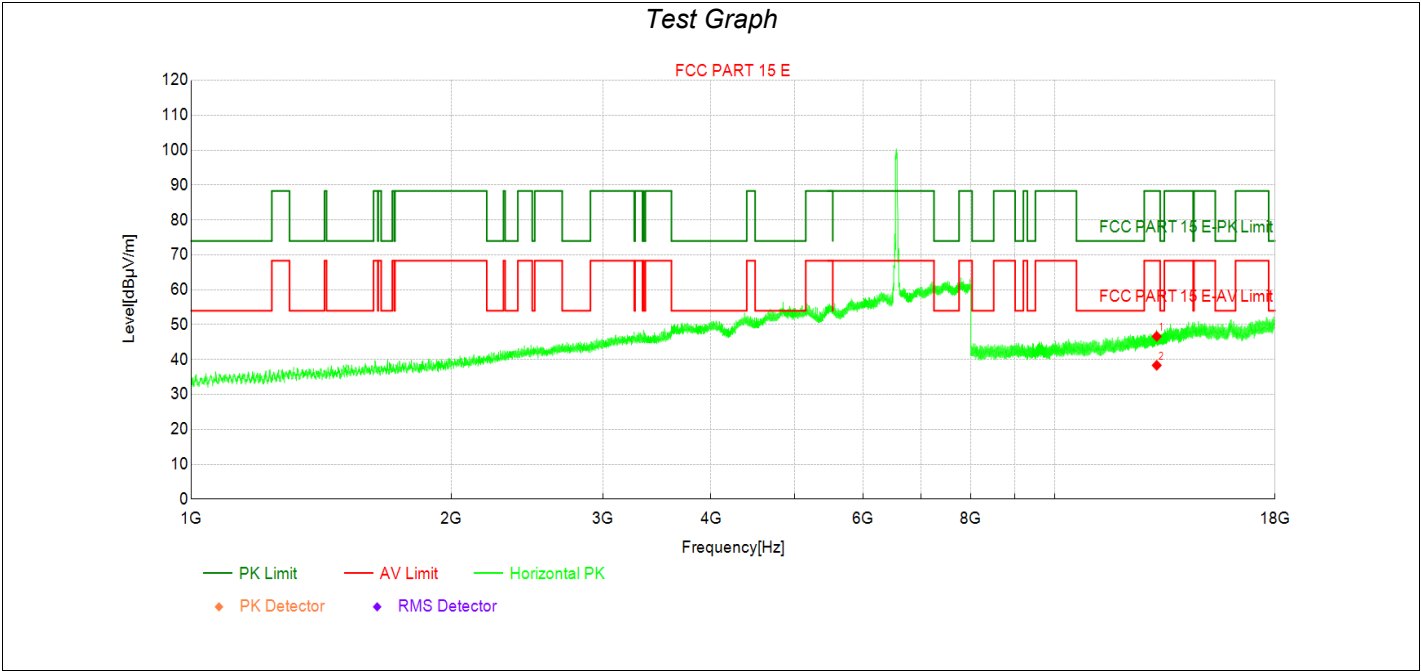
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13048.33	36.56	49.18	12.62	88.30	39.12	PK	Horizo	PASS
2	13049.00	28.71	41.34	12.63	68.30	26.96	AV	Horizo	PASS

Transmit at 6525MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13050.00	25.84	38.48	12.64	68.30	29.82	AV	Vertic	PASS
2	13058.33	36.39	49.07	12.68	88.30	39.23	PK	Vertic	PASS

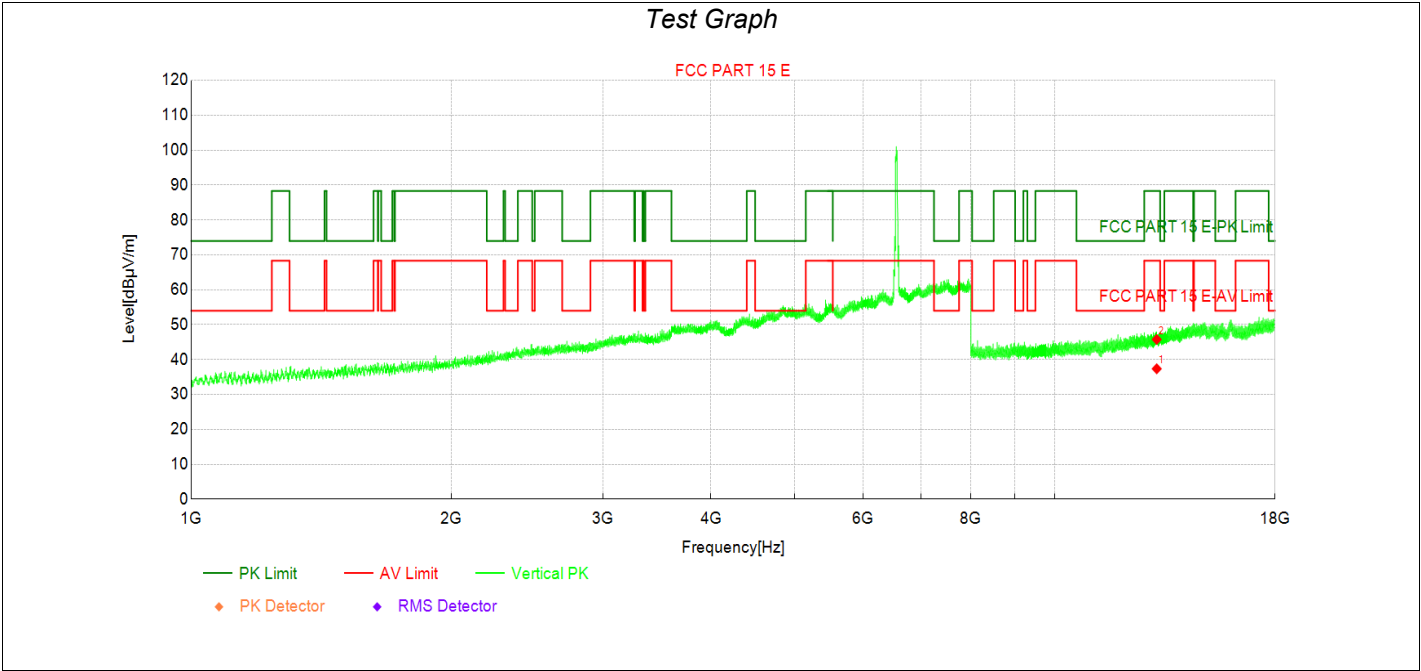
Transmit at 6565MHz by 802.11ax(40MHz) with Ant2+3



Data List

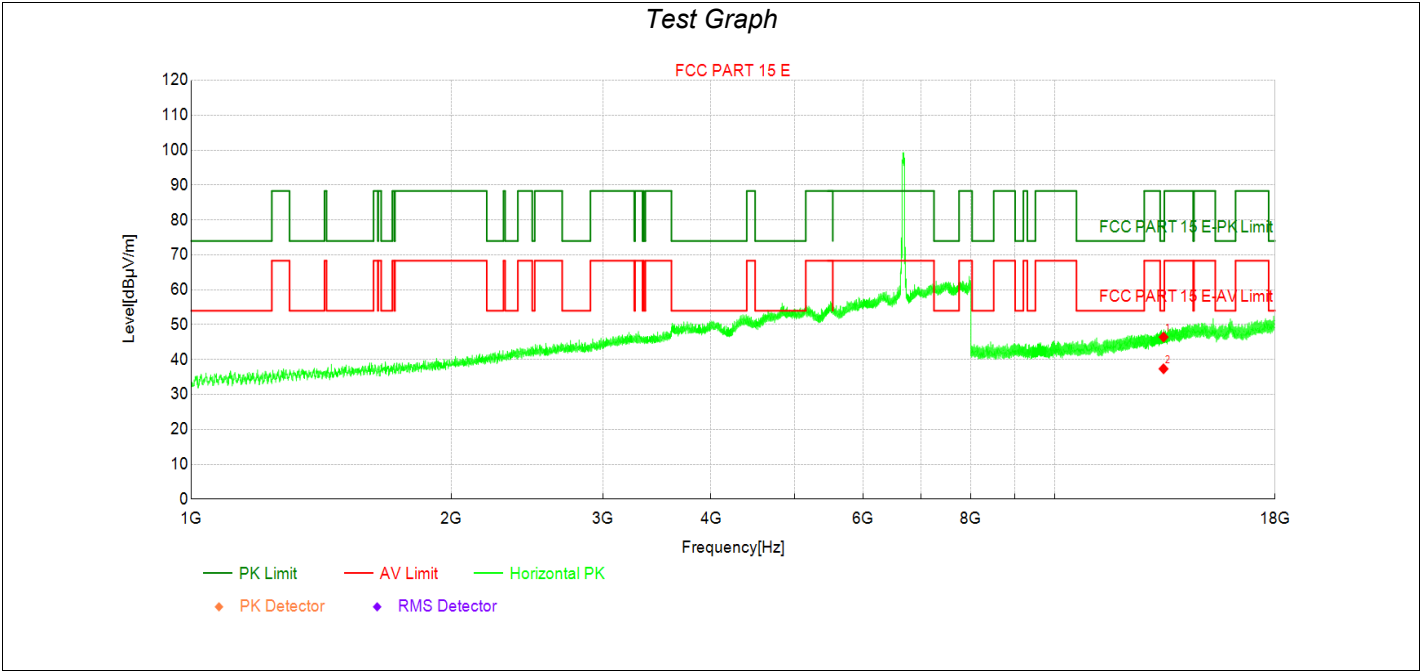
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13130.00	33.67	46.64	12.97	88.30	41.66	PK	Horizo	PASS
2	13130.00	25.37	38.34	12.97	68.30	29.96	AV	Horizo	PASS

Transmit at 6565MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13130.00	24.38	37.35	12.97	68.30	30.95	AV	Vertic	PASS
2	13130.00	32.80	45.77	12.97	88.30	42.53	PK	Vertic	PASS

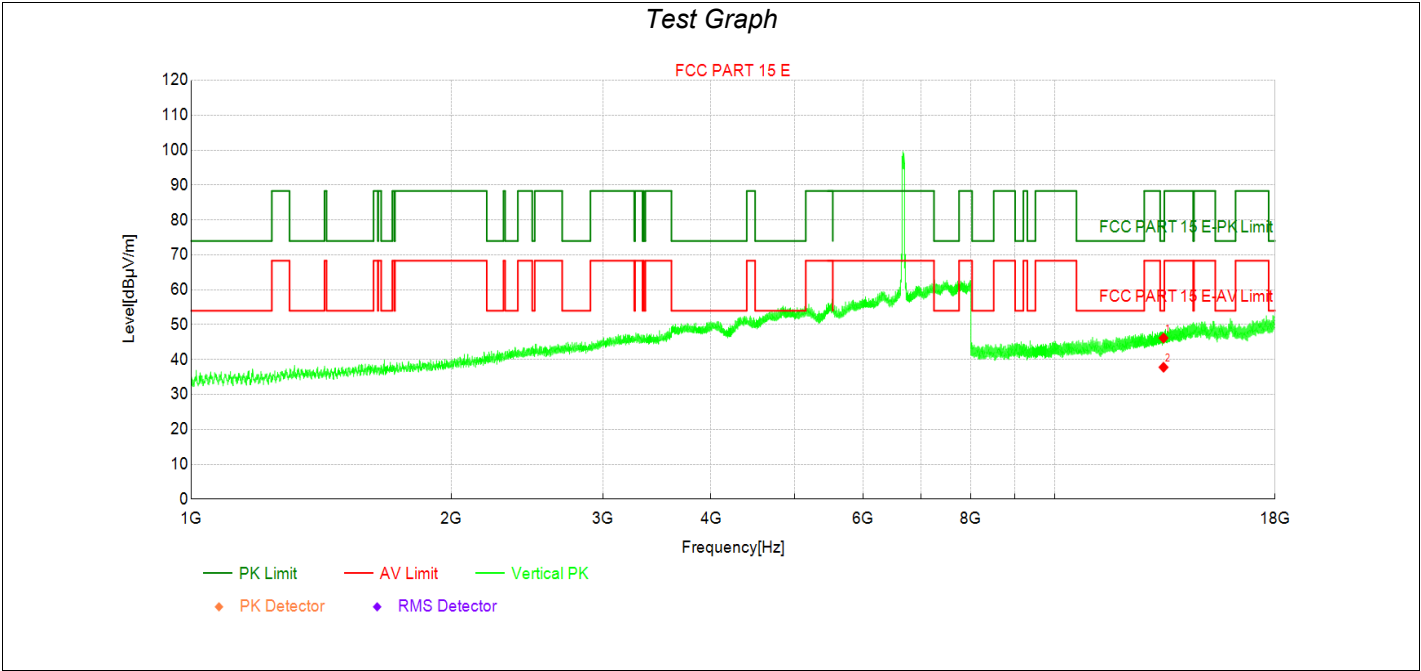
Transmit at 6685MHz by 802.11ax(40MHz) with Ant2+3



Data List

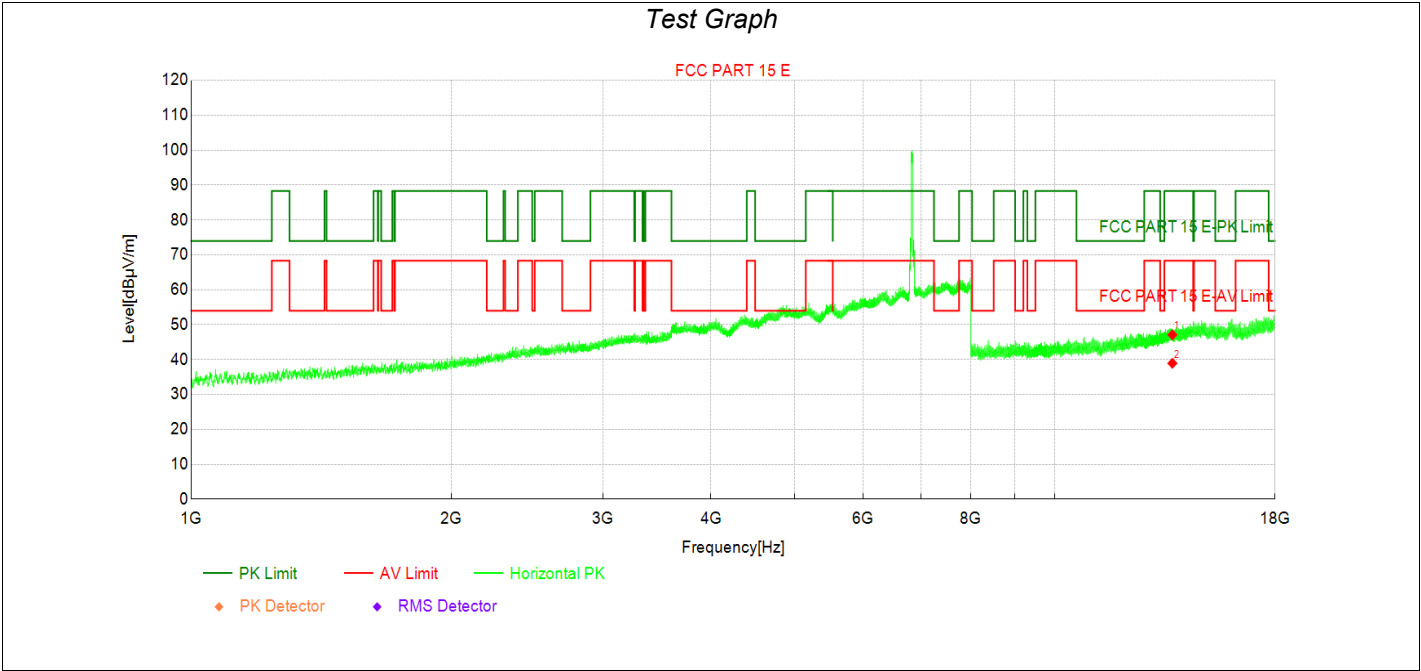
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13370.00	32.70	46.44	13.74	74.00	27.56	PK	Horizo	PASS
2	13370.00	23.61	37.35	13.74	54.00	16.65	AV	Horizo	PASS

Transmit at 6685MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13370.00	32.42	46.16	13.74	74.00	27.84	PK	Vertic	PASS
2	13370.00	24.05	37.79	13.74	54.00	16.21	AV	Vertic	PASS

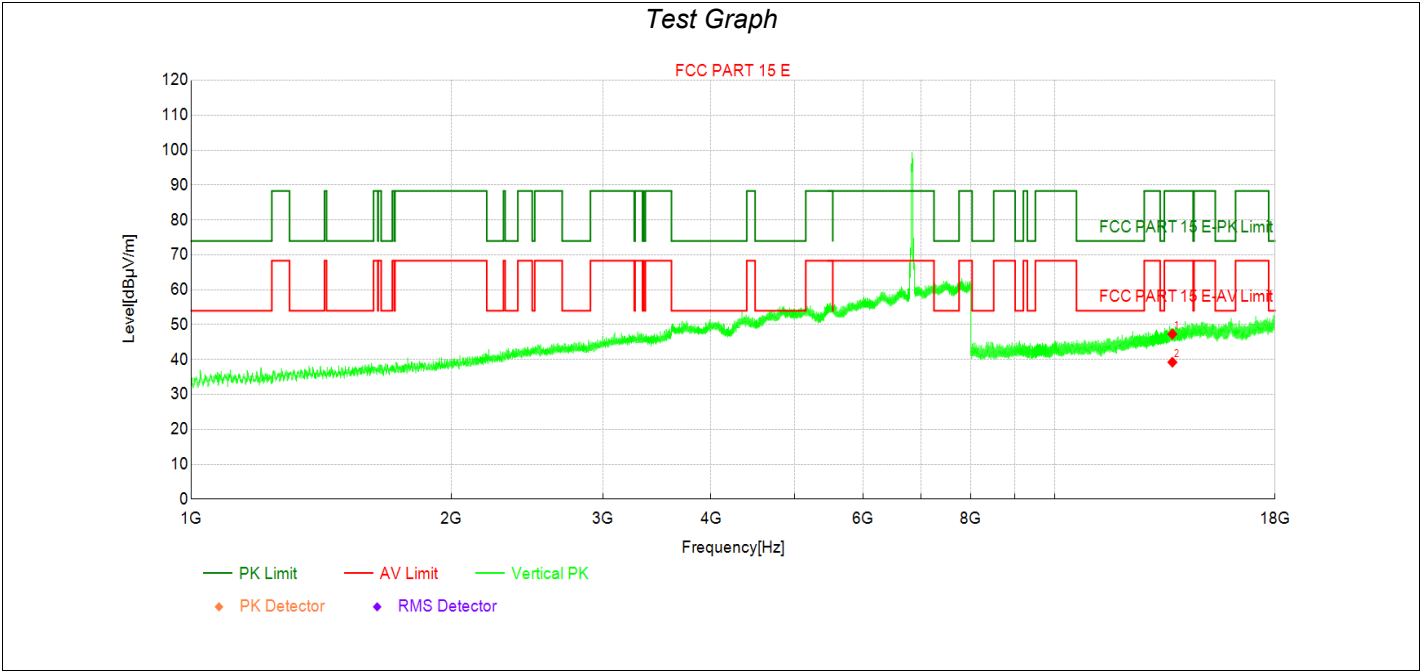
Transmit at 6845MHz by 802.11ax(40MHz) with Ant2+3



Data List

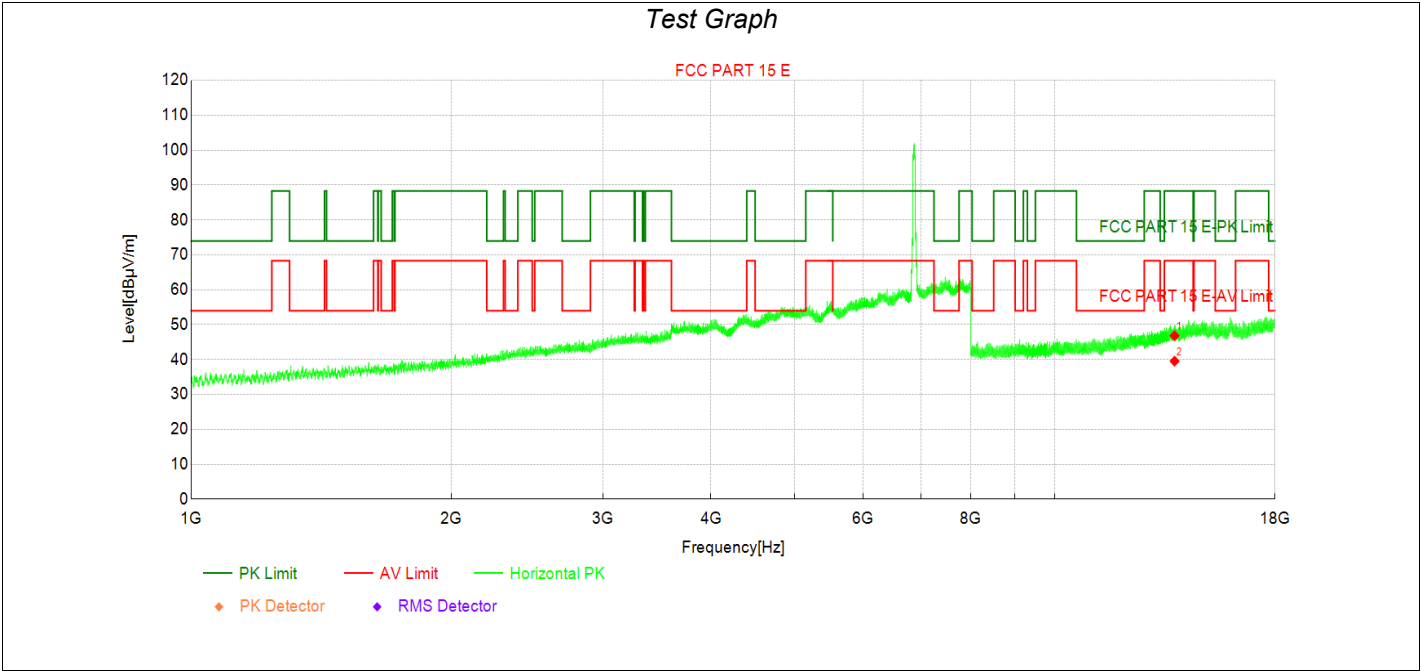
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13690.00	32.91	47.10	14.19	88.30	41.20	PK	Horizo	PASS
2	13690.00	24.74	38.93	14.19	68.30	29.37	AV	Horizo	PASS

Transmit at 6845MHz by 802.11ax(40MHz) with Ant2+3



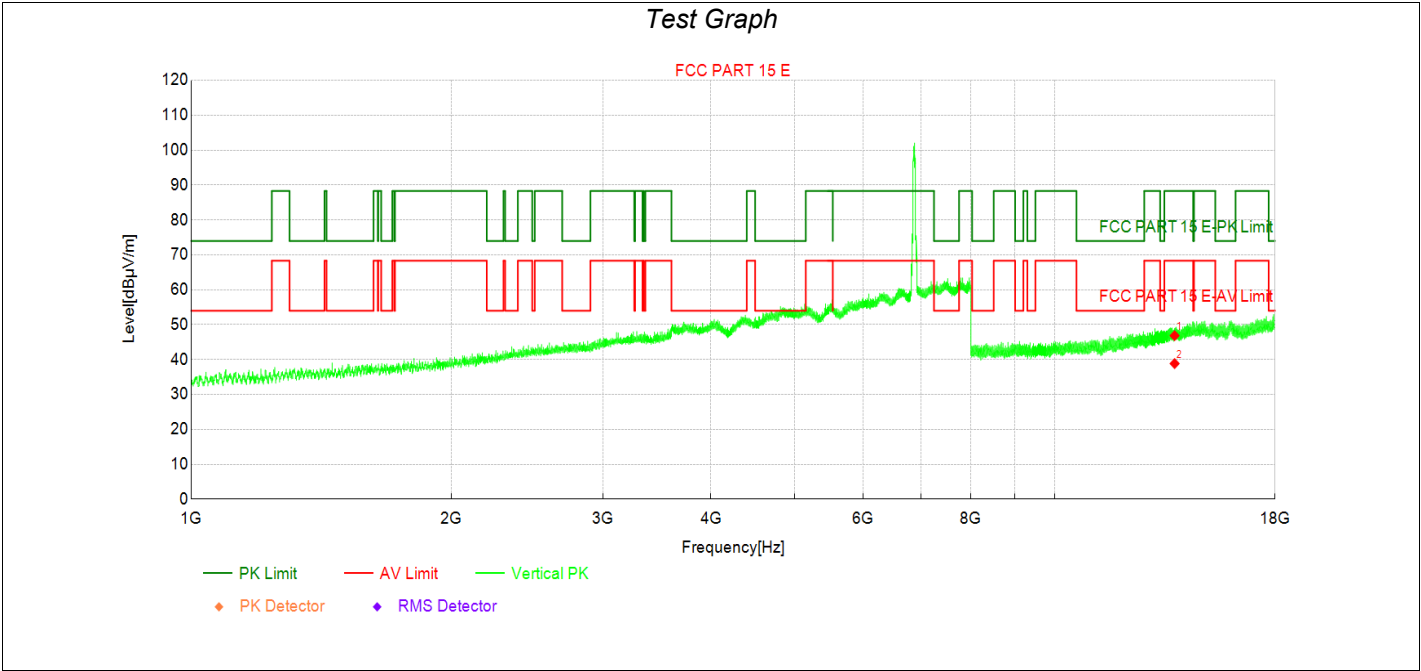
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13690.00	33.11	47.30	14.19	88.30	41.00	PK	Vertic	PASS
2	13690.00	25.05	39.24	14.19	68.30	29.06	AV	Vertic	PASS

Transmit at 6885MHz by 802.11ax(40MHz) with Ant2+3



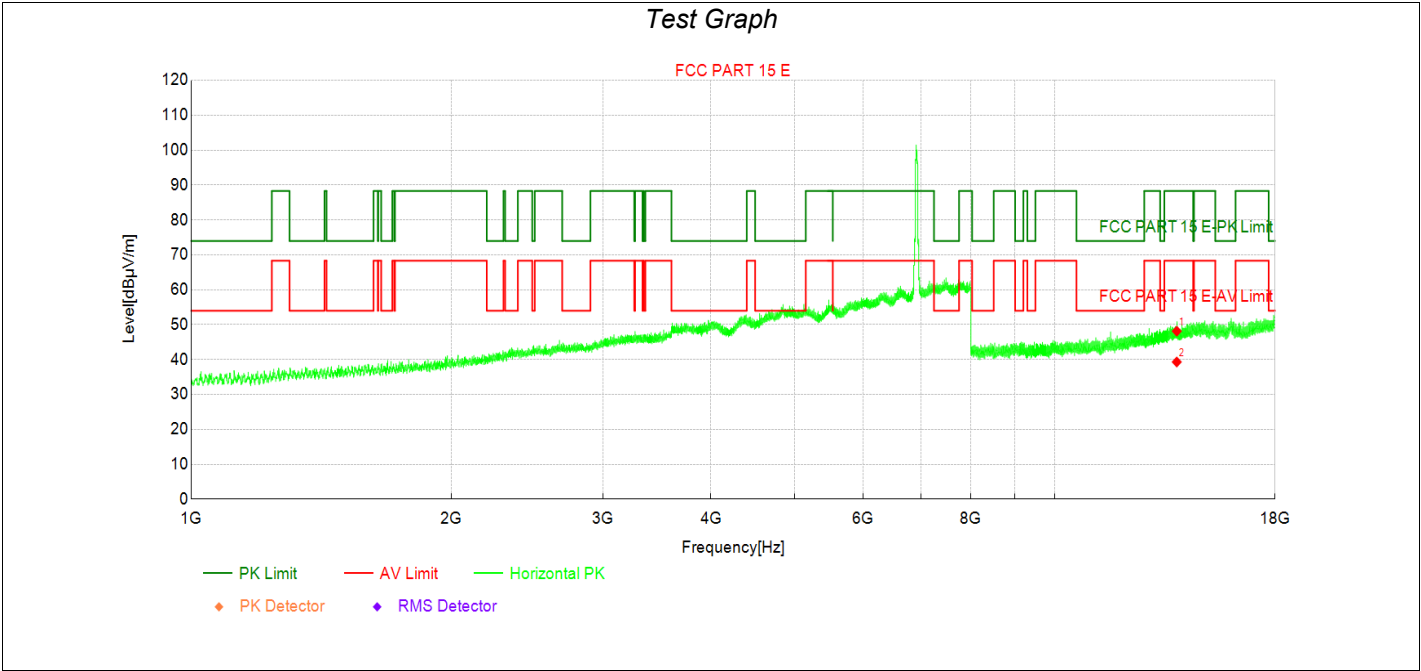
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13770.00	32.58	46.83	14.25	88.30	41.47	PK	Horizo	PASS
2	13770.00	25.30	39.55	14.25	68.30	28.75	AV	Horizo	PASS

Transmit at 6885MHz by 802.11ax(40MHz) with Ant2+3



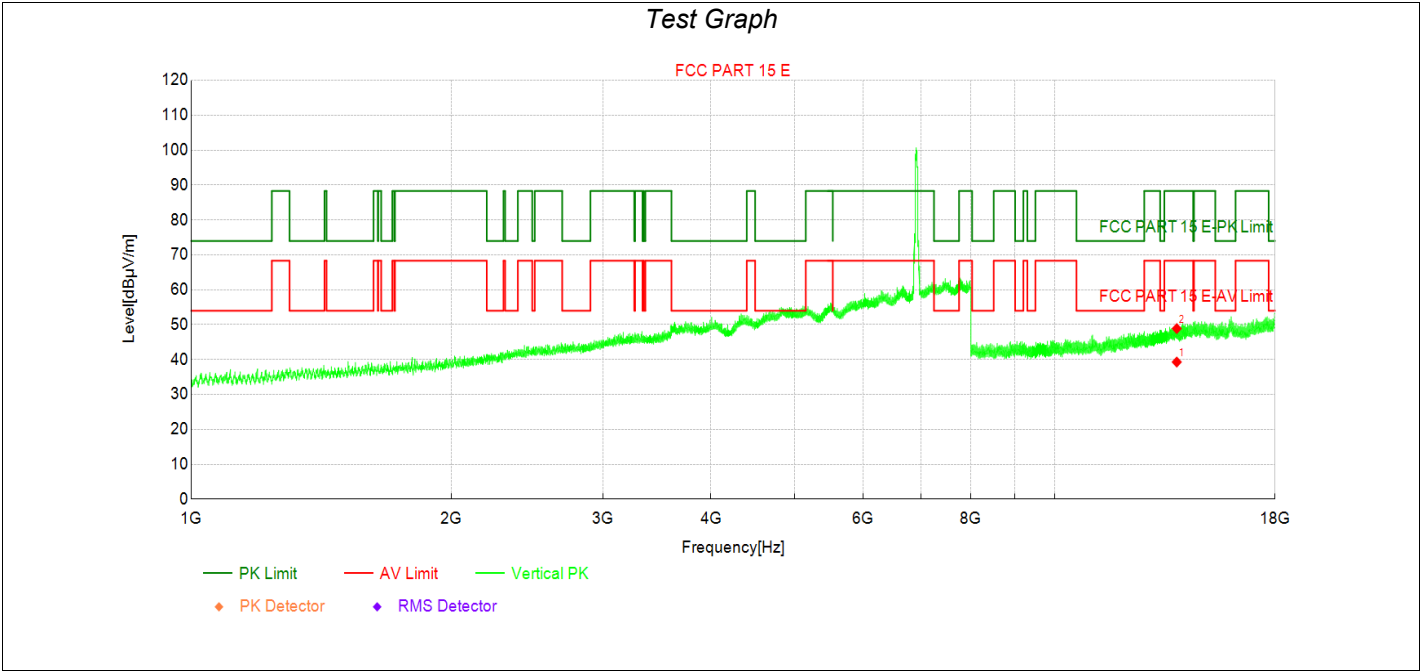
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13770.00	32.59	46.84	14.25	88.30	41.46	PK	Vertic	PASS
2	13770.00	24.60	38.85	14.25	68.30	29.45	AV	Vertic	PASS

Transmit at 6925MHz by 802.11ax(40MHz) with Ant2+3



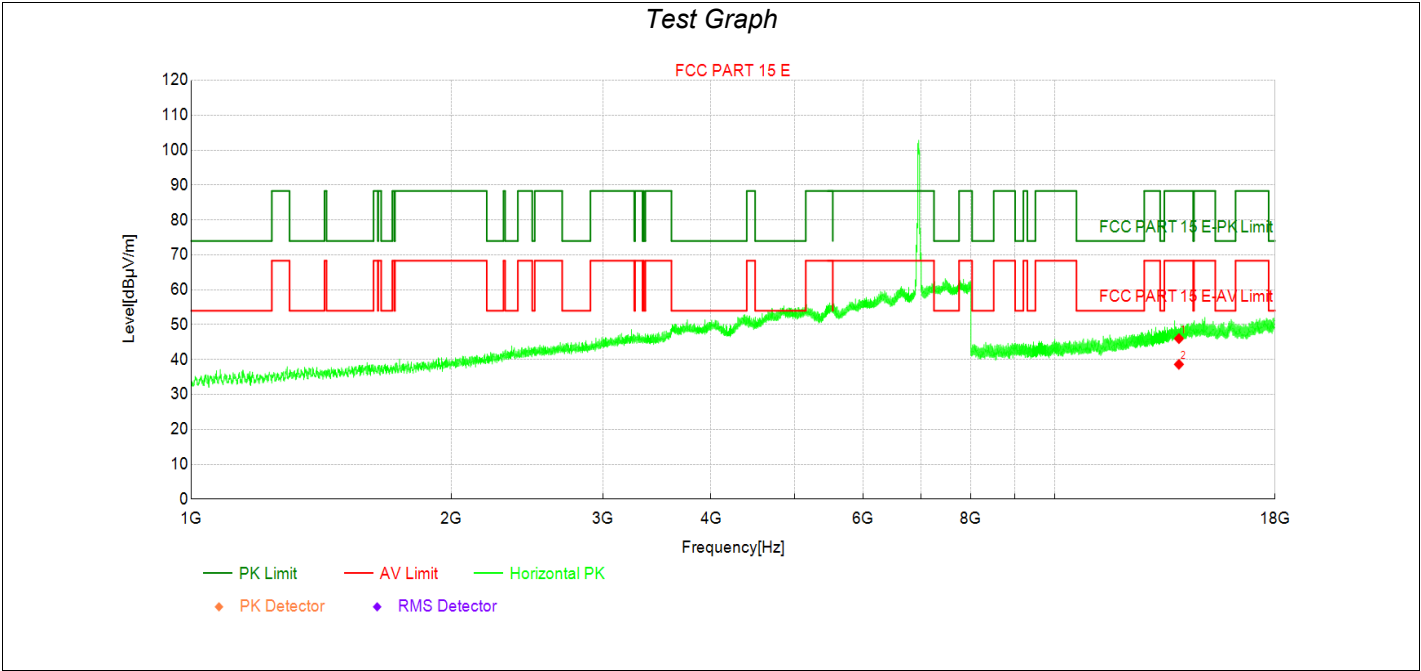
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13850.00	33.56	48.14	14.58	88.30	40.16	PK	Horizo	PASS
2	13850.00	24.73	39.31	14.58	68.30	28.99	AV	Horizo	PASS

Transmit at 6925MHz by 802.11ax(40MHz) with Ant2+3



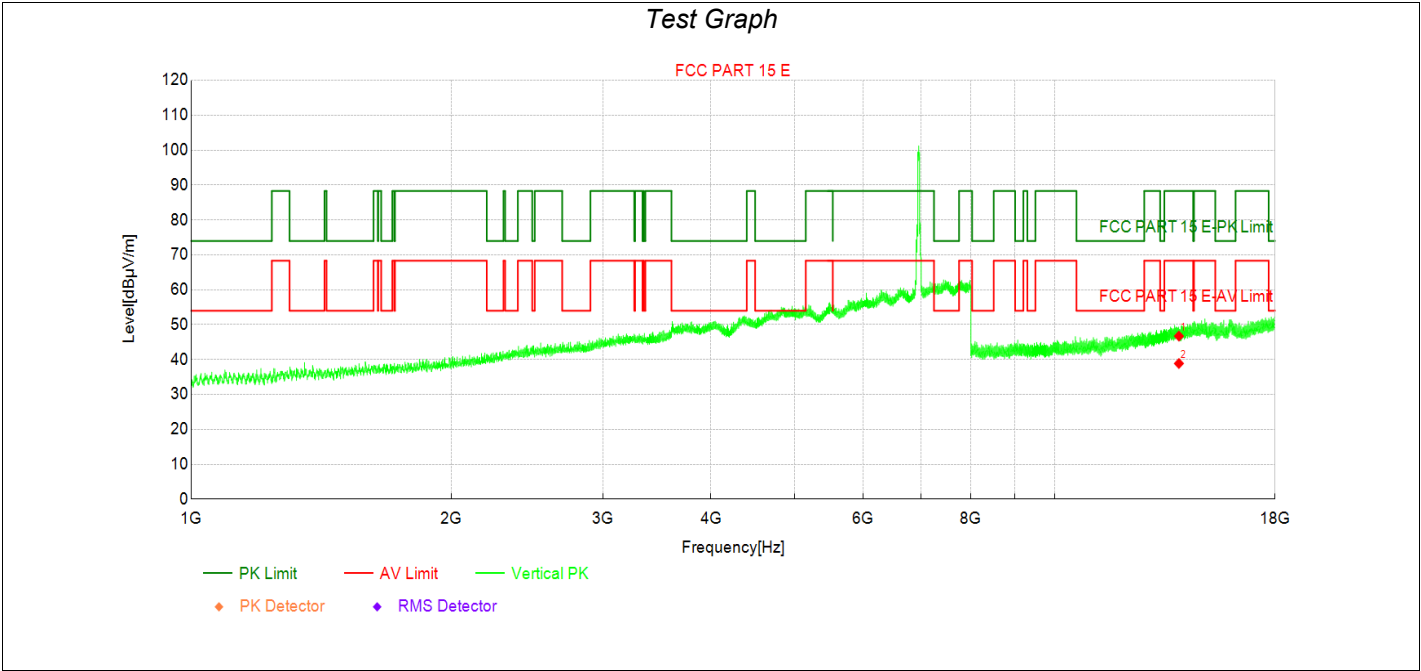
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13850.00	24.71	39.29	14.58	68.30	29.01	AV	Vertic	PASS
2	13850.00	34.30	48.88	14.58	88.30	39.42	PK	Vertic	PASS

Transmit at 6965MHz by 802.11ax(40MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13930.00	31.19	46.00	14.81	88.30	42.30	PK	Horizo	PASS
2	13930.00	23.81	38.62	14.81	68.30	29.68	AV	Horizo	PASS

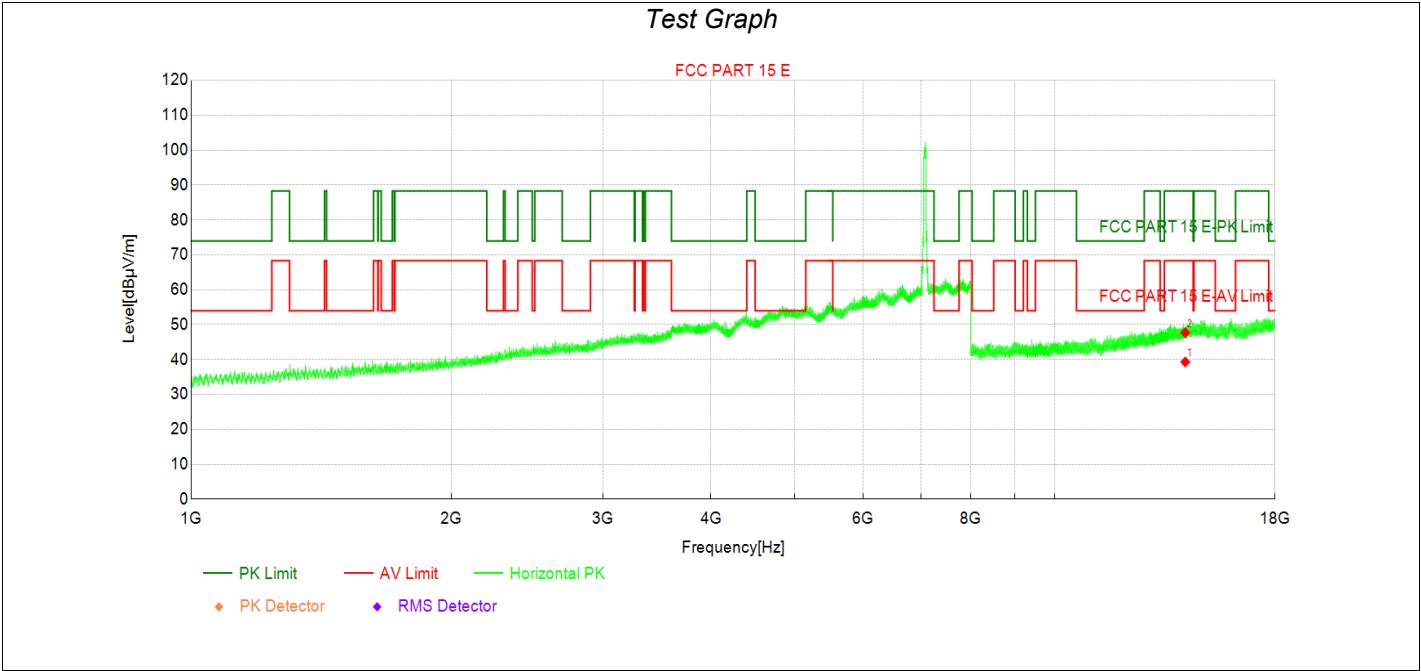
Transmit at 6965MHz by 802.11ax(40MHz) with Ant2+3



Data List

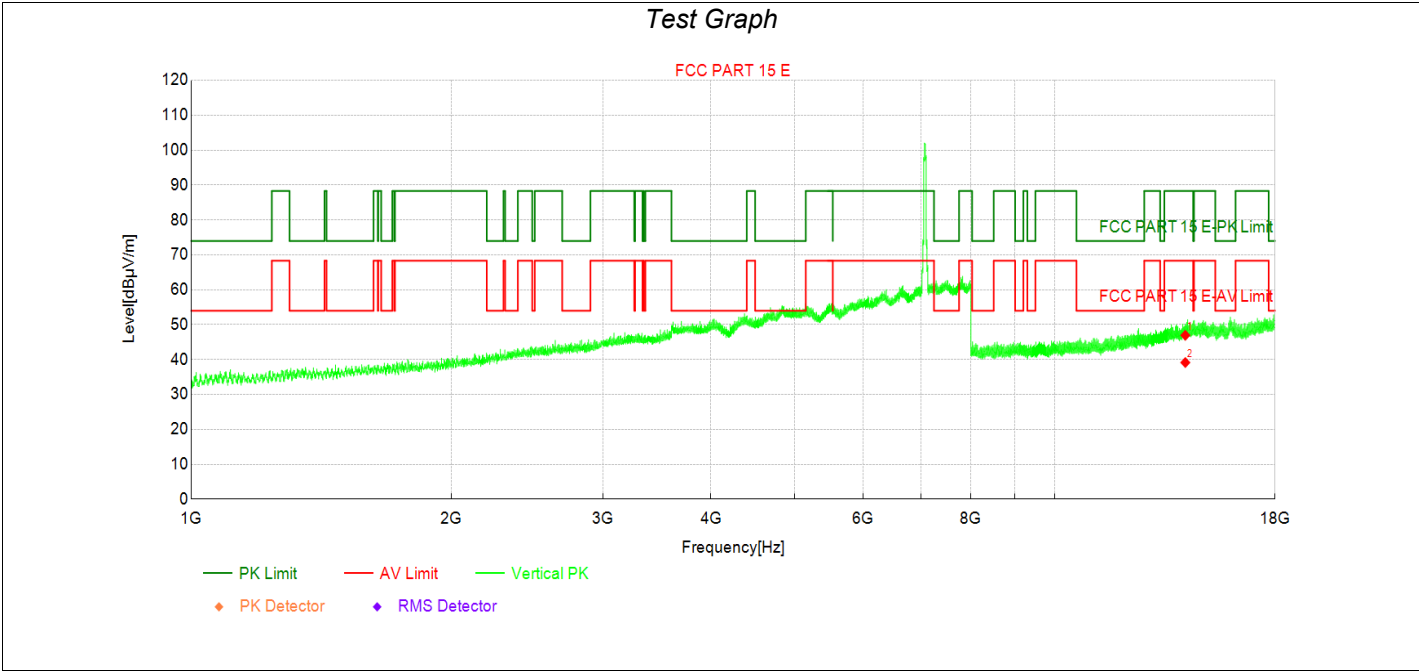
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13930.00	31.91	46.72	14.81	88.30	41.58	PK	Vertic	PASS
2	13930.00	24.06	38.87	14.81	68.30	29.43	AV	Vertic	PASS

Transmit at 7085MHz by 802.11ax(40MHz) with Ant2+3



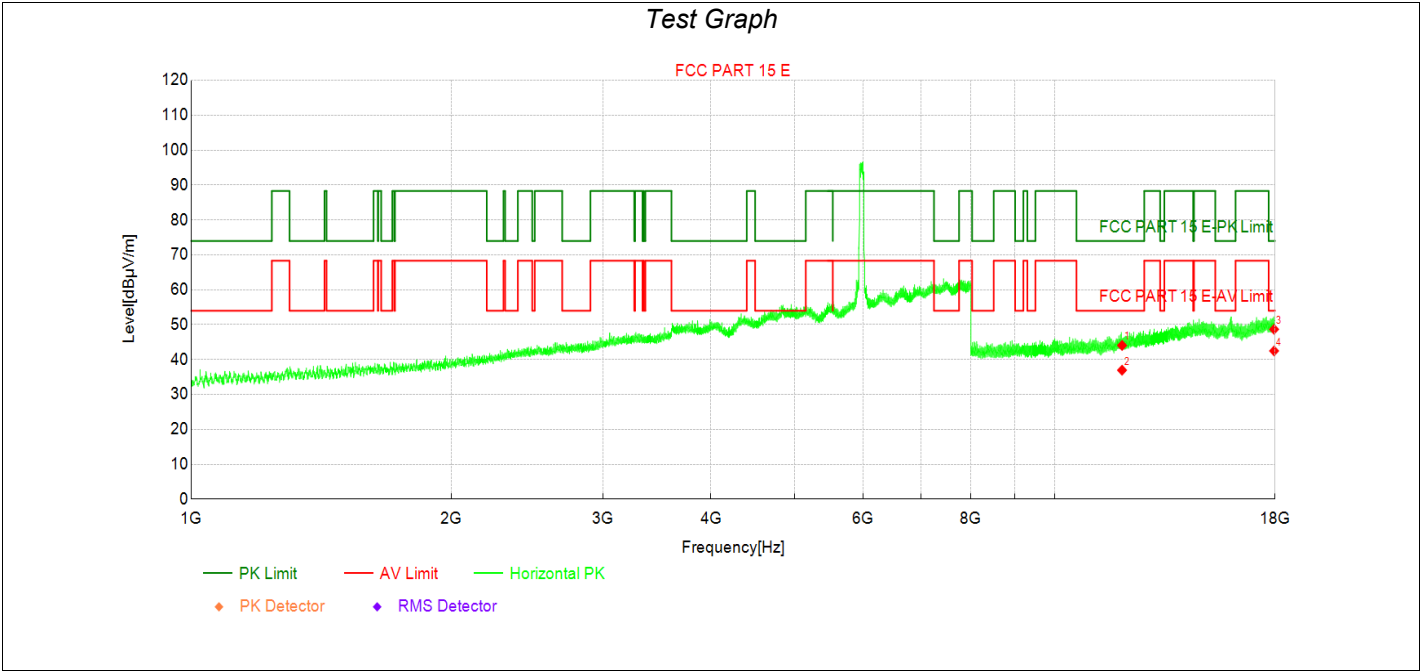
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14170.00	23.91	39.31	15.40	68.30	28.99	AV	Horizo	PASS
2	14170.00	32.28	47.68	15.40	88.30	40.62	PK	Horizo	PASS

Transmit at 7085MHz by 802.11ax(40MHz) with Ant2+3



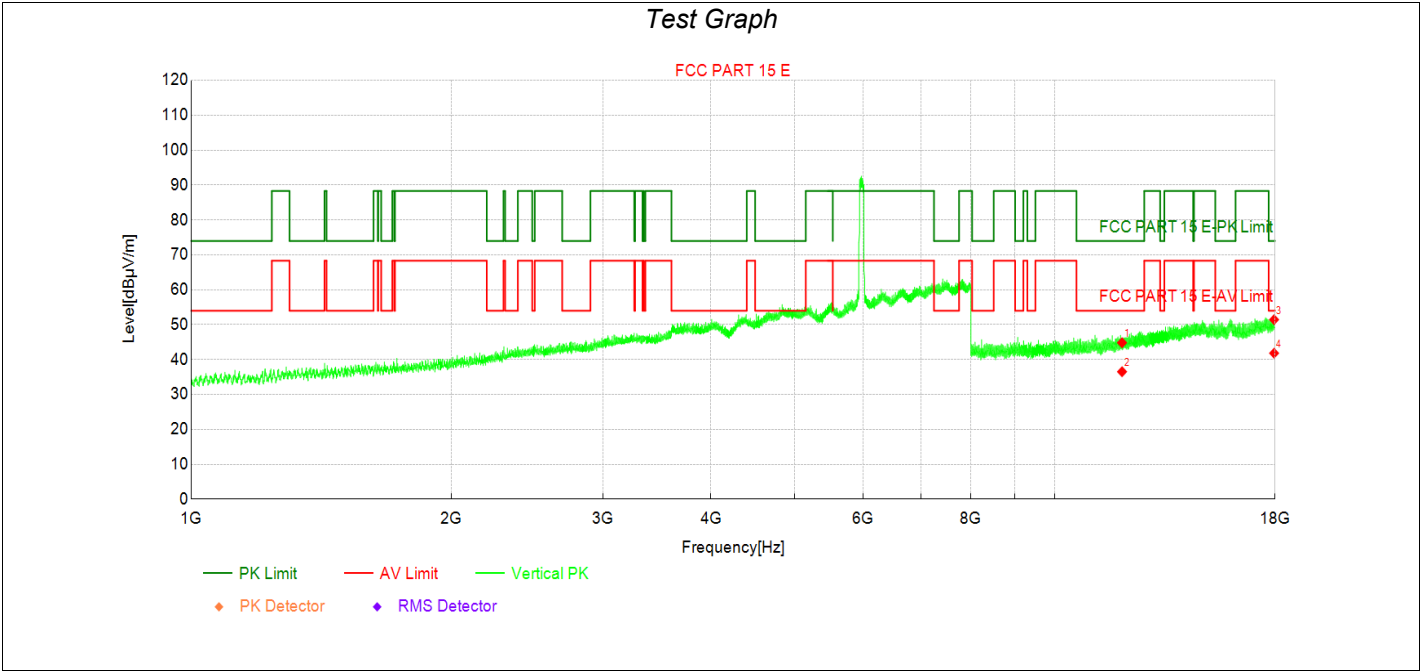
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	14170.00	31.54	46.94	15.40	88.30	41.36	PK	Vertic	PASS
2	14170.00	23.74	39.14	15.40	68.30	29.16	AV	Vertic	PASS

Transmit at 5985MHz by 802.11ax(80MHz) with Ant2+3



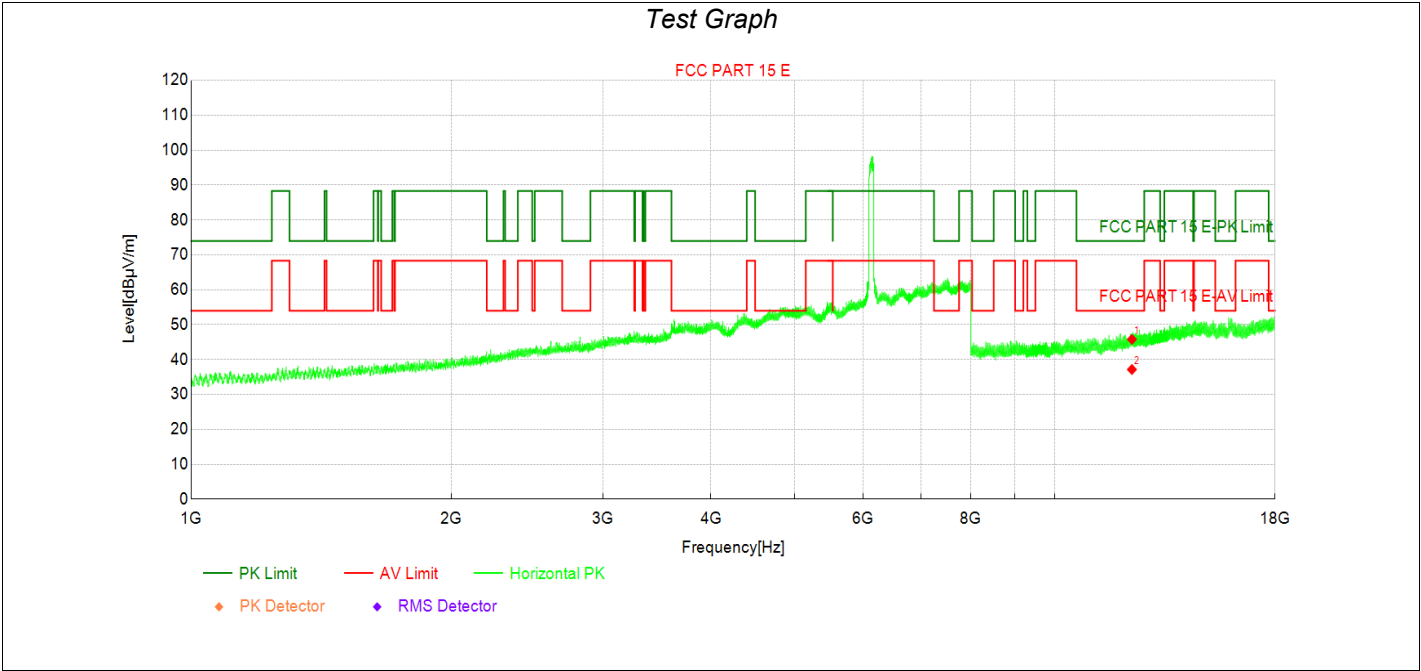
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11970.00	31.27	44.05	12.78	74.00	29.95	PK	Horizo	PASS
2	11970.00	24.18	36.96	12.78	54.00	17.04	AV	Horizo	PASS
3	17955.00	28.05	48.67	20.62	74.00	25.33	PK	Horizo	PASS
4	17955.00	21.86	42.48	20.62	54.00	11.52	AV	Horizo	PASS

Transmit at 5985MHz by 802.11ax(80MHz) with Ant2+3



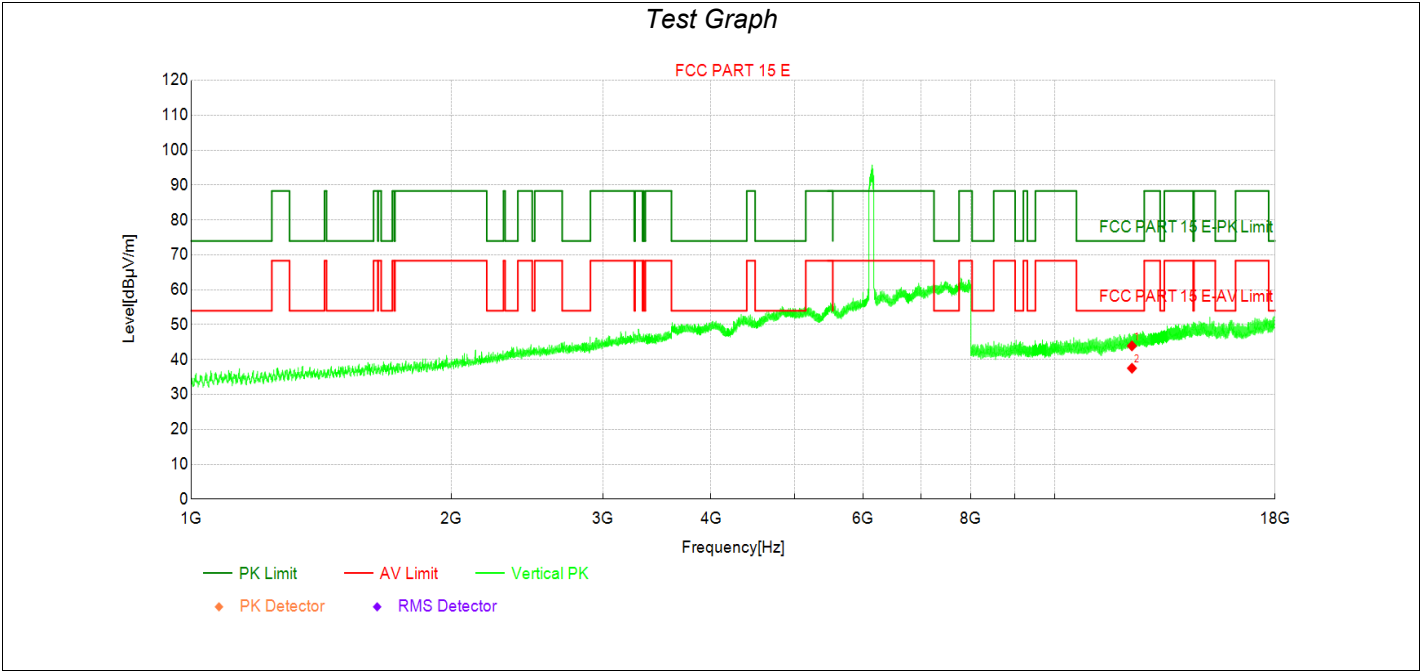
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11970.00	32.04	44.82	12.78	74.00	29.18	PK	Vertic	PASS
2	11970.00	23.74	36.52	12.78	54.00	17.48	AV	Vertic	PASS
3	17955.00	30.82	51.44	20.62	74.00	22.56	PK	Vertic	PASS
4	17955.00	21.20	41.82	20.62	54.00	12.18	AV	Vertic	PASS

Transmit at 6145MHz by 802.11ax(80MHz) with Ant2+3



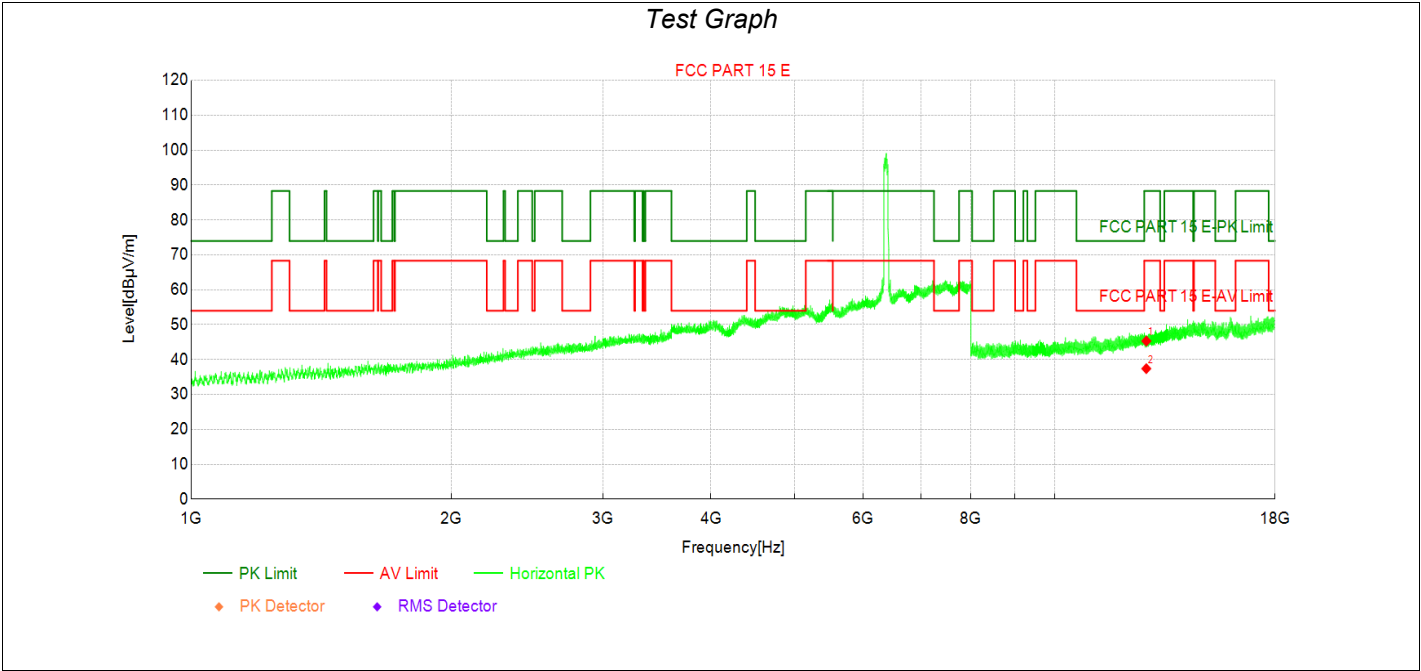
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12290.00	33.93	45.79	11.86	74.00	28.21	PK	Horizo	PASS
2	12290.00	25.29	37.15	11.86	54.00	16.85	AV	Horizo	PASS

Transmit at 6145MHz by 802.11ax(80MHz) with Ant2+3



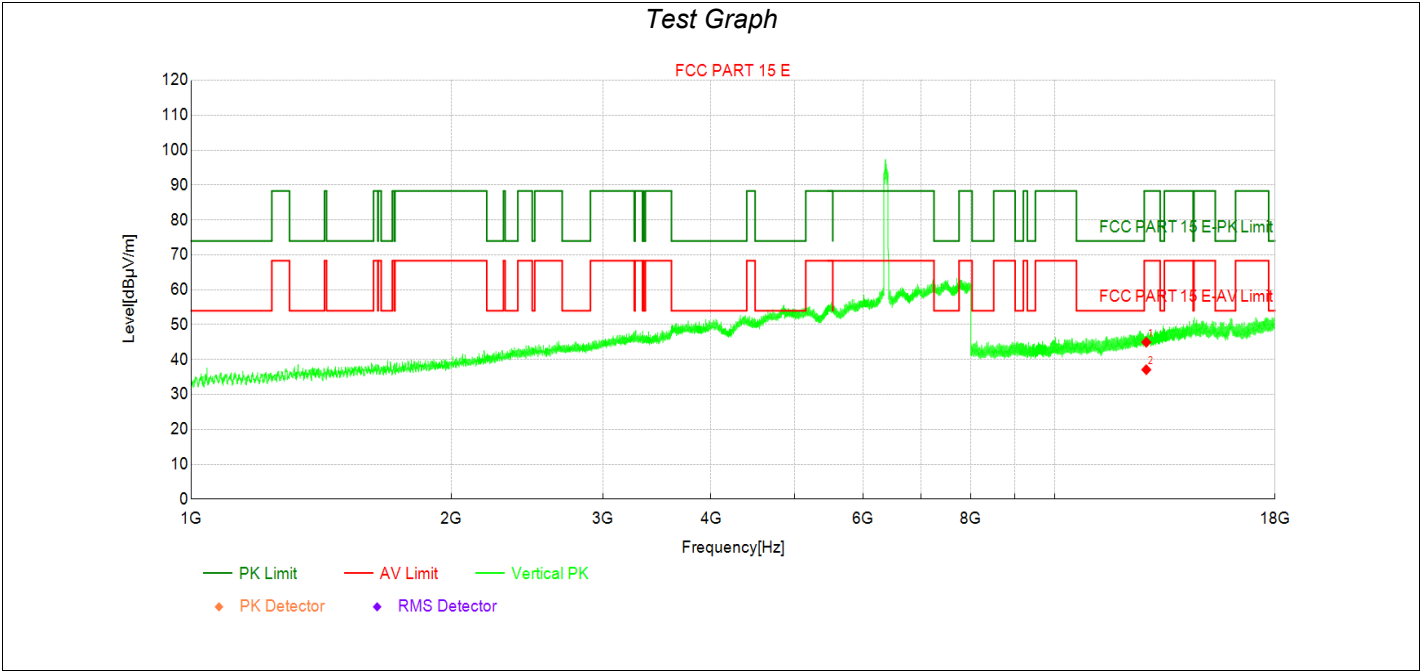
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12290.00	32.05	43.91	11.86	74.00	30.09	PK	Vertic	PASS
2	12290.00	25.65	37.51	11.86	54.00	16.49	AV	Vertic	PASS

Transmit at 6385MHz by 802.11ax(80MHz) with Ant2+3



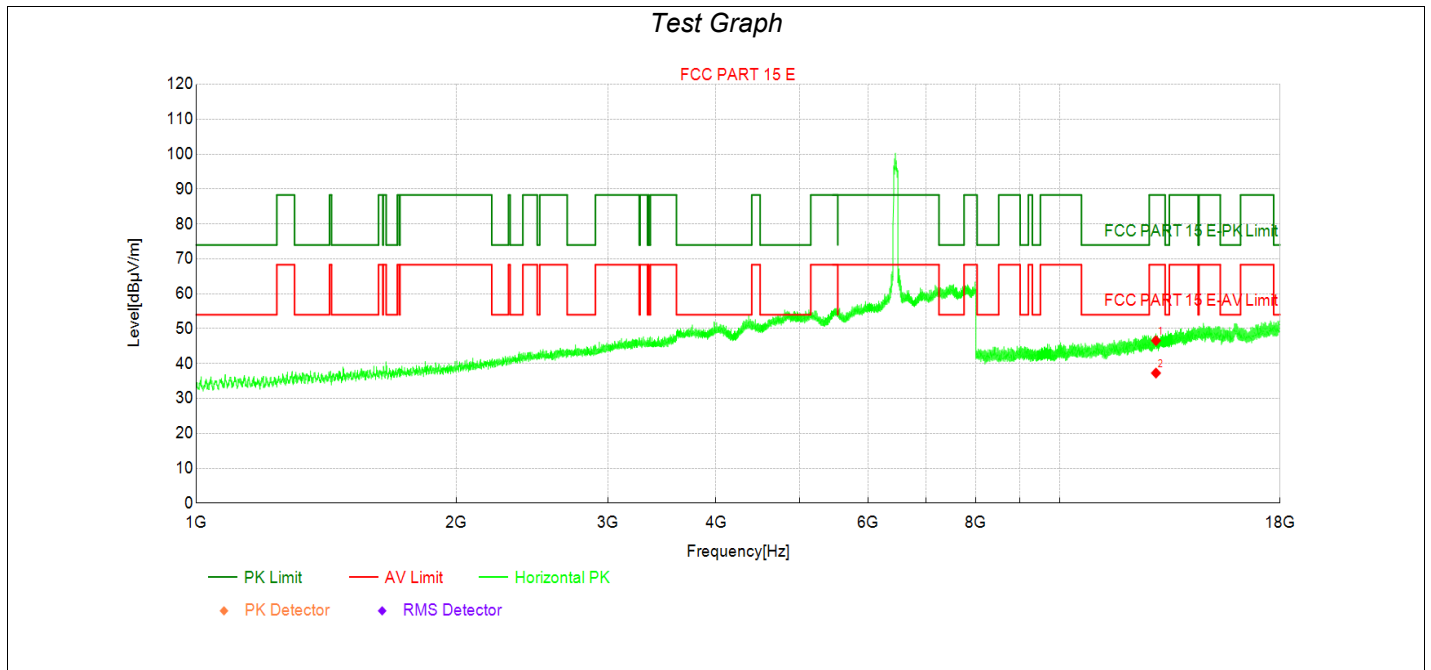
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12770.00	33.24	45.31	12.07	88.30	42.99	PK	Horizo	PASS
2	12770.00	25.32	37.39	12.07	68.30	30.91	AV	Horizo	PASS

Transmit at 6385MHz by 802.11ax(80MHz) with Ant2+3



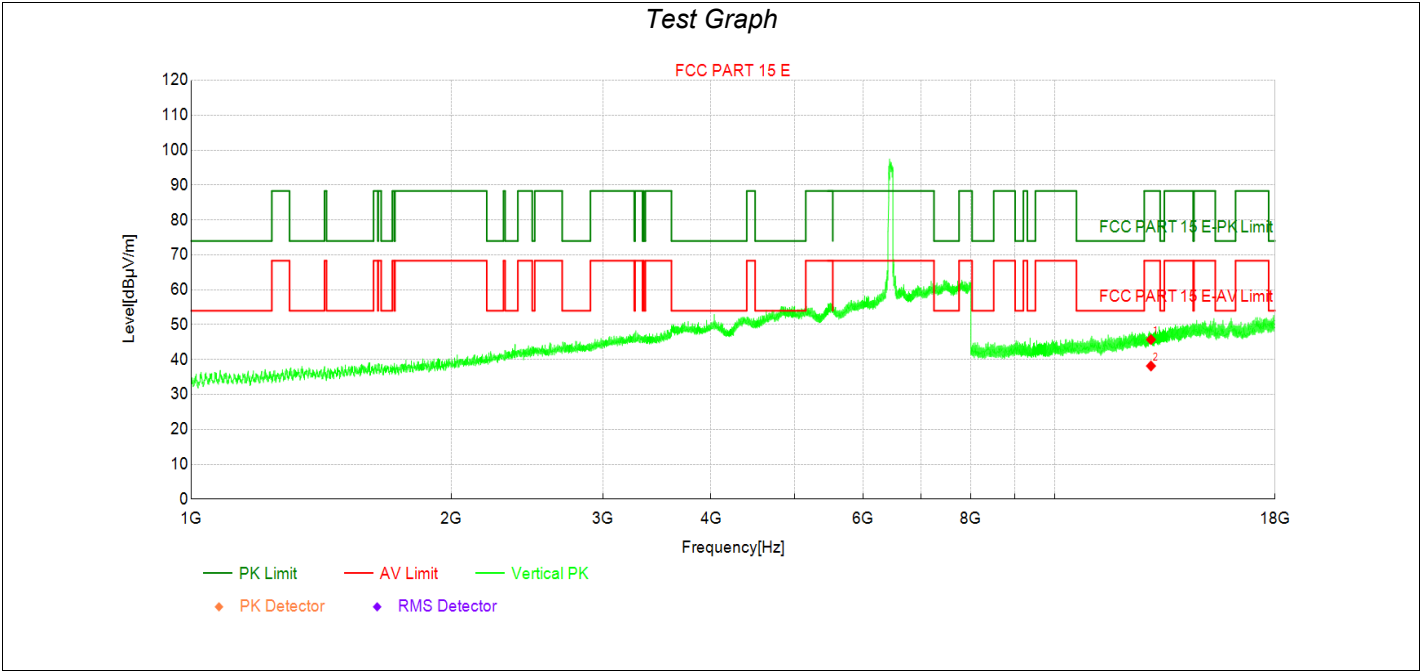
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12770.00	32.91	44.98	12.07	88.30	43.32	PK	Vertic	PASS
2	12770.00	25.03	37.10	12.07	68.30	31.20	AV	Vertic	PASS

Transmit at 6465MHz by 802.11ax(80MHz) with Ant2+3



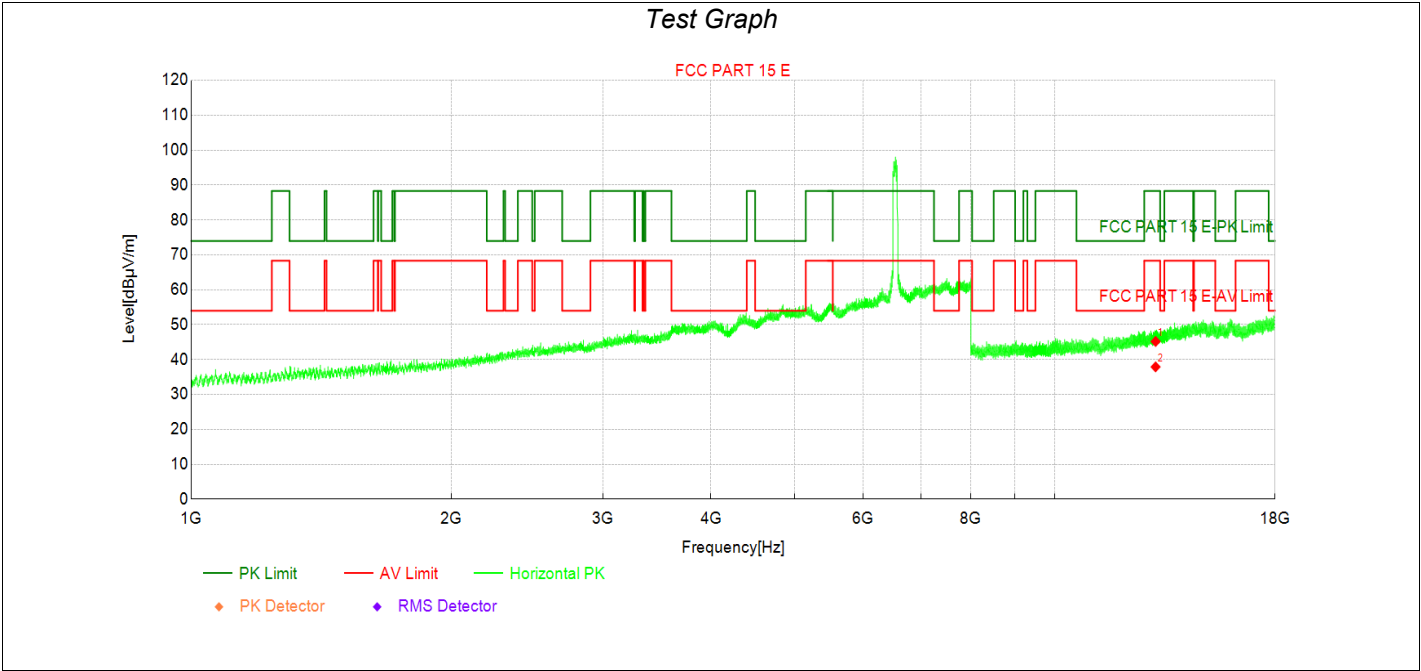
Data List									
NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	12930.00	34.07	46.56	12.49	88.30	41.74	PK	Horizo	PASS
2	12930.00	24.79	37.28	12.49	68.30	31.02	AV	Horizo	PASS

Transmit at 6465MHz by 802.11ax(80MHz) with Ant2+3



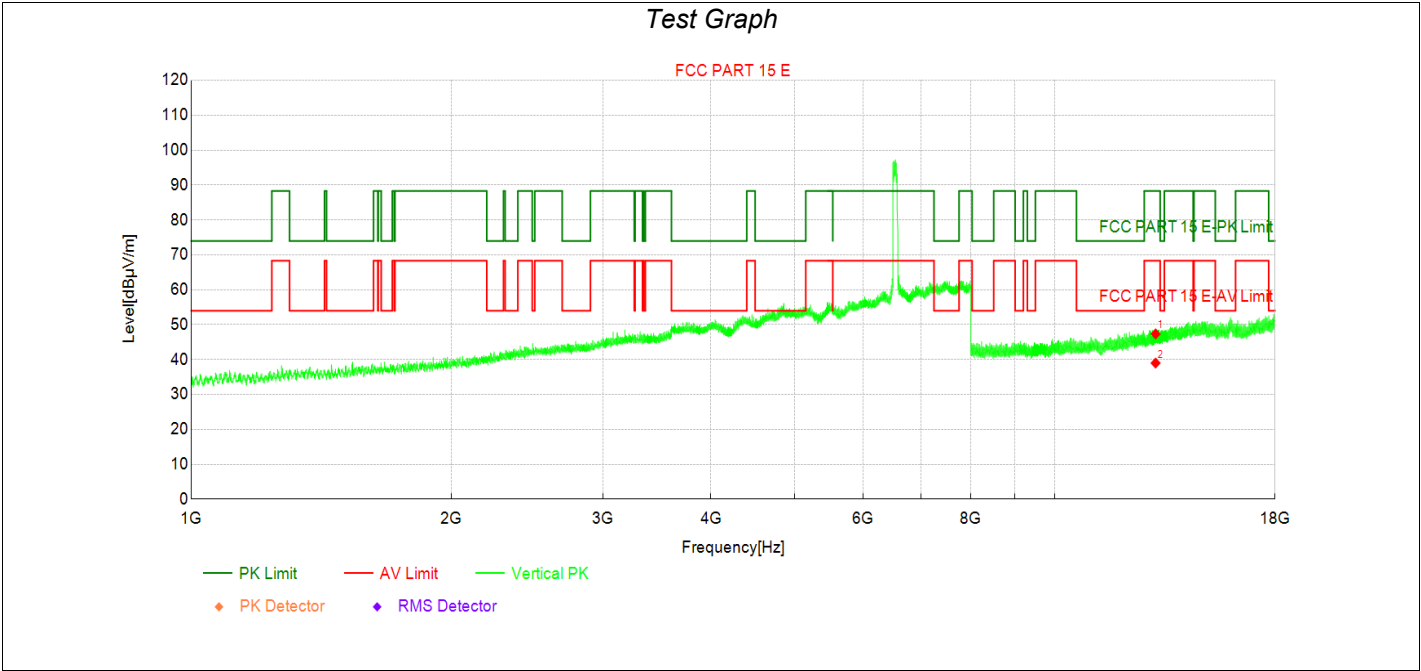
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12930.00	33.23	45.72	12.49	88.30	42.58	PK	Vertic	PASS
2	12930.00	25.67	38.16	12.49	68.30	30.14	AV	Vertic	PASS

Transmit at 6545MHz by 802.11ax(80MHz) with Ant2+3



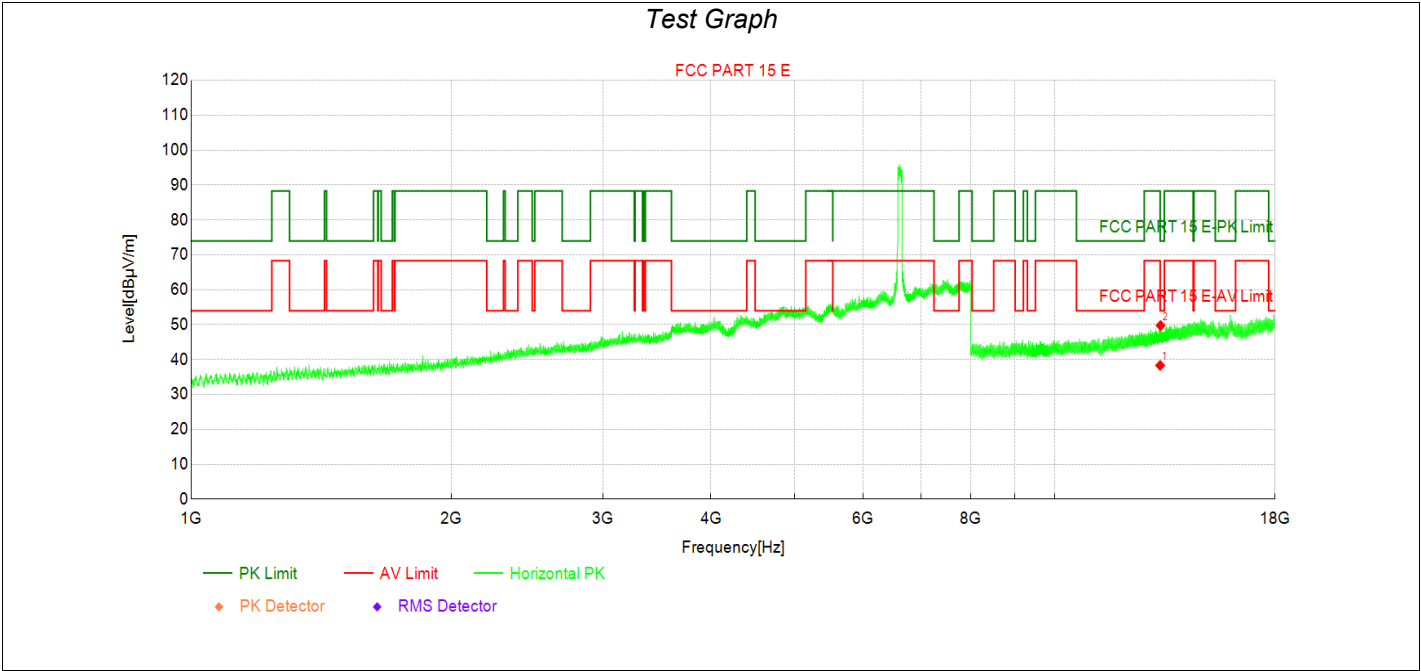
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13090.00	32.33	45.19	12.86	88.30	43.11	PK	Horizo	PASS
2	13090.00	25.04	37.90	12.86	68.30	30.40	AV	Horizo	PASS

Transmit at 6545MHz by 802.11ax(80MHz) with Ant2+3



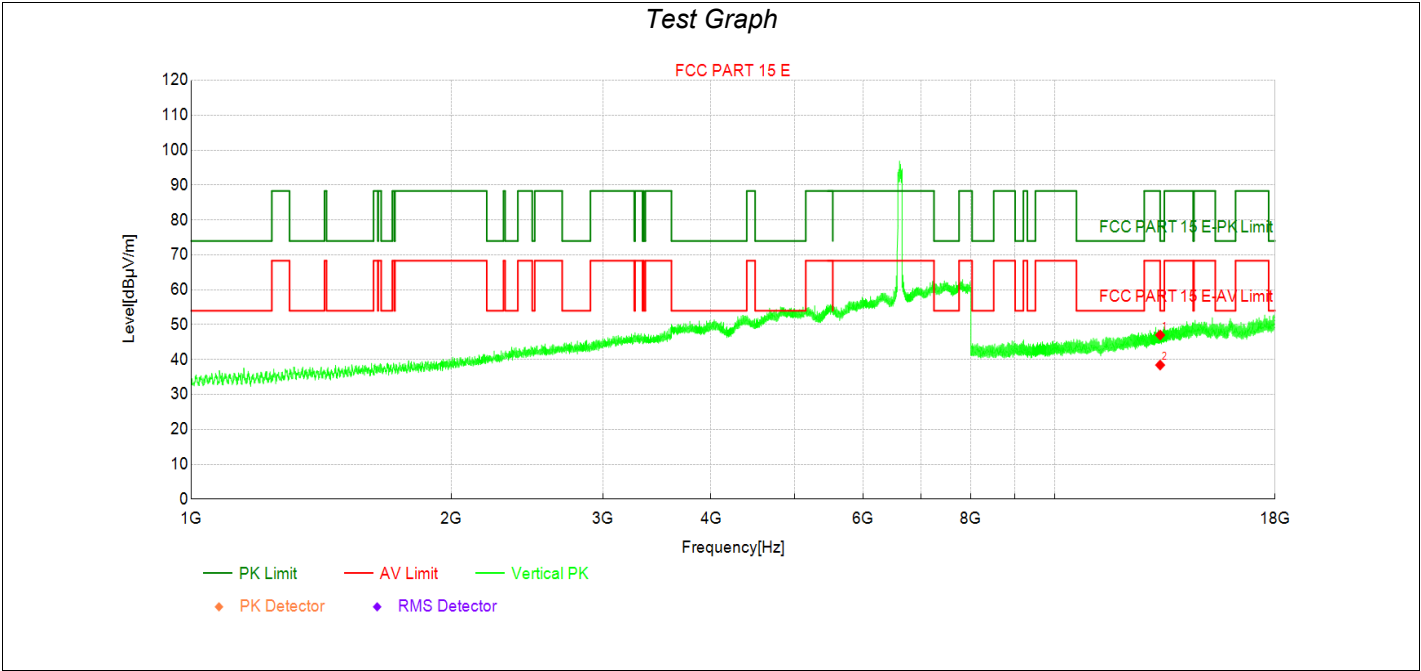
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13090.00	34.50	47.36	12.86	88.30	40.94	PK	Vertic	PASS
2	13090.00	26.14	39.00	12.86	68.30	29.30	AV	Vertic	PASS

Transmit at 6625MHz by 802.11ax(80MHz) with Ant2+3



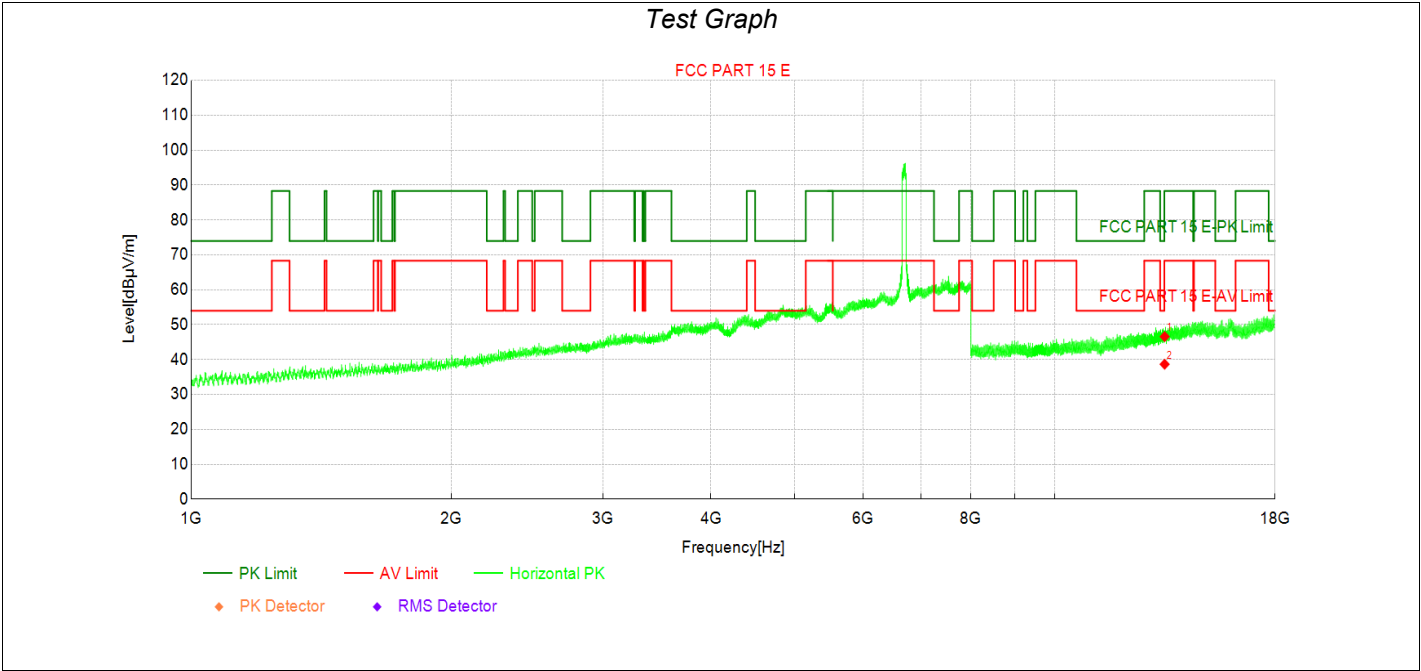
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13250.00	24.79	38.31	13.52	54.00	15.69	AV	Horizo	PASS
2	13265.67	36.11	49.76	13.65	74.00	24.24	PK	Horizo	PASS

Transmit at 6625MHz by 802.11ax(80MHz) with Ant2+3



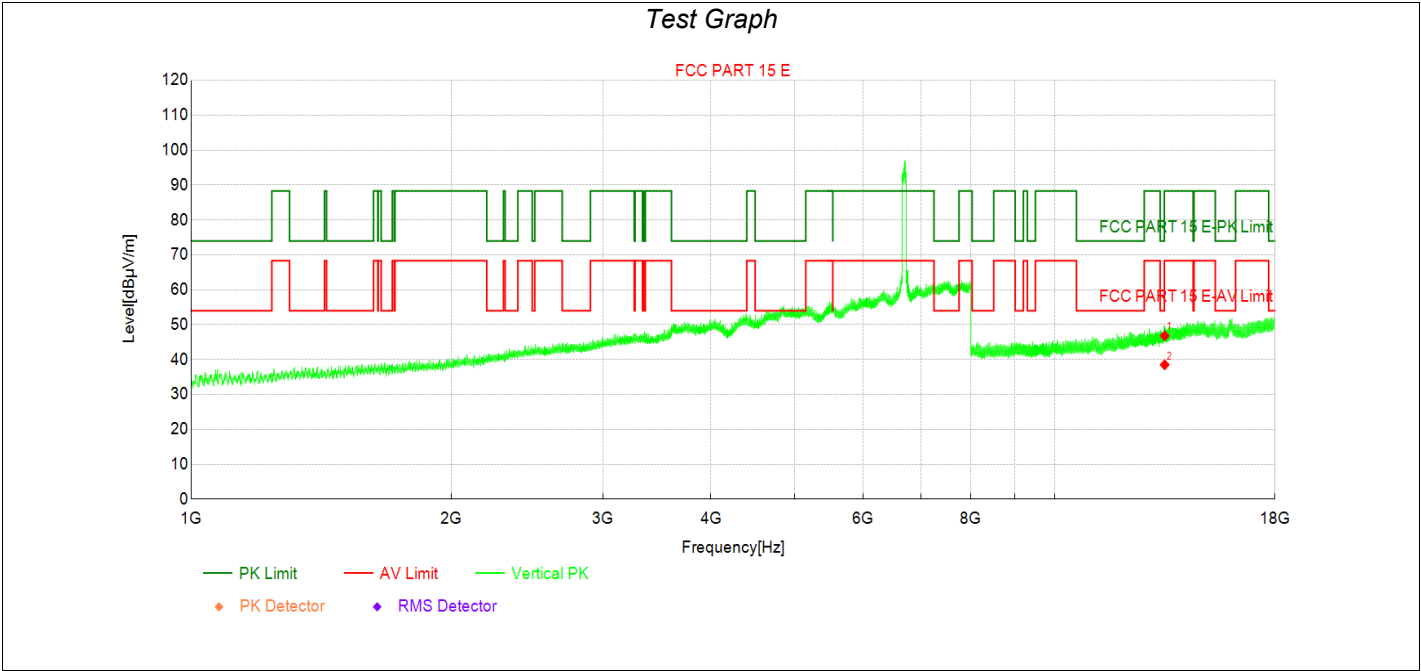
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13250.00	33.50	47.02	13.52	74.00	26.98	PK	Vertic	PASS
2	13250.00	24.91	38.43	13.52	54.00	15.57	AV	Vertic	PASS

Transmit at 6705MHz by 802.11ax(80MHz) with Ant2+3



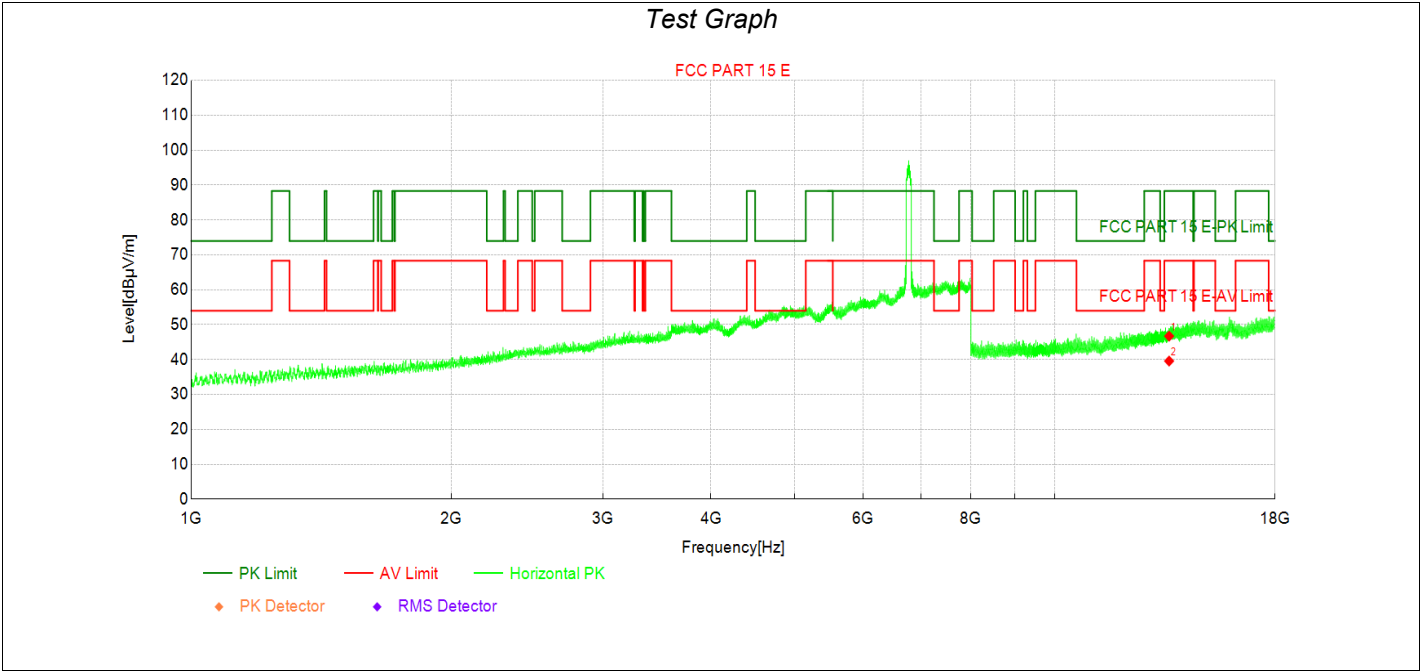
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13410.00	32.90	46.57	13.67	88.30	41.73	PK	Horizo	PASS
2	13410.00	24.99	38.66	13.67	68.30	29.64	AV	Horizo	PASS

Transmit at 6705MHz by 802.11ax(80MHz) with Ant2+3



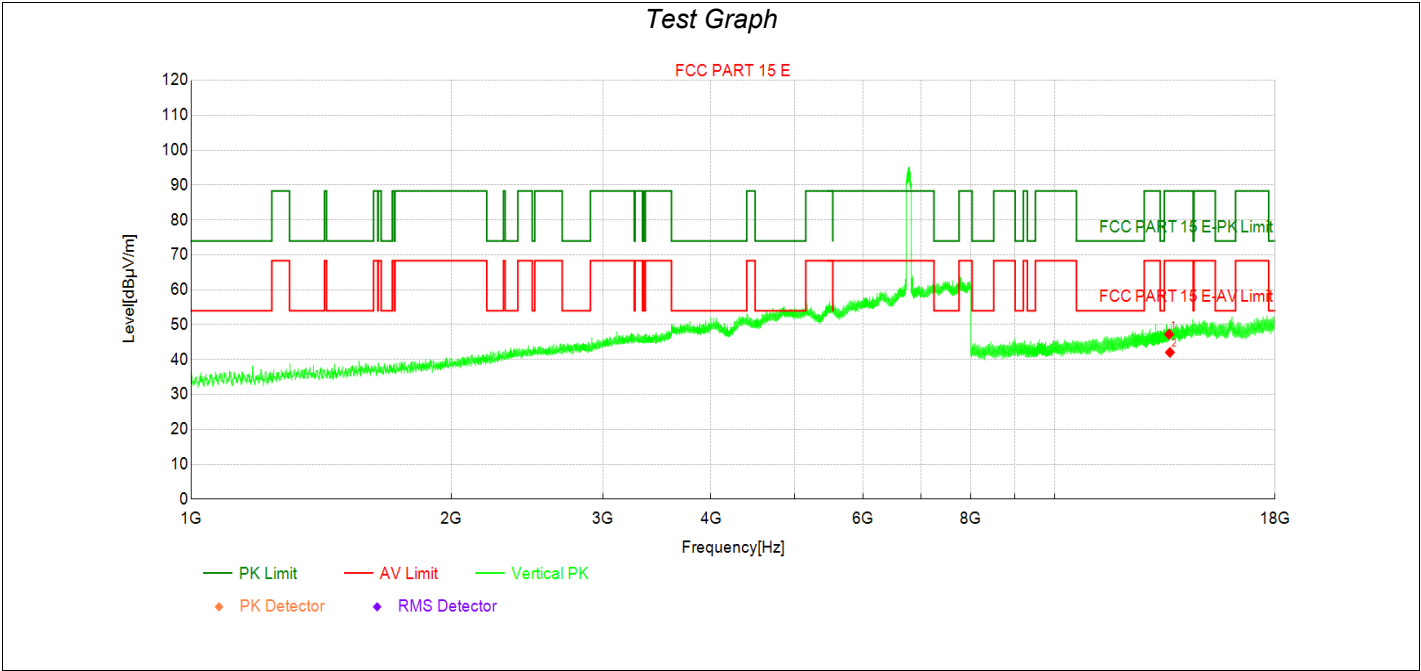
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13410.00	33.14	46.81	13.67	88.30	41.49	PK	Vertic	PASS
2	13410.00	24.83	38.50	13.67	68.30	29.80	AV	Vertic	PASS

Transmit at 6785MHz by 802.11ax(80MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13570.00	32.27	46.70	14.43	88.30	41.60	PK	Horizo	PASS
2	13570.00	25.15	39.58	14.43	68.30	28.72	AV	Horizo	PASS

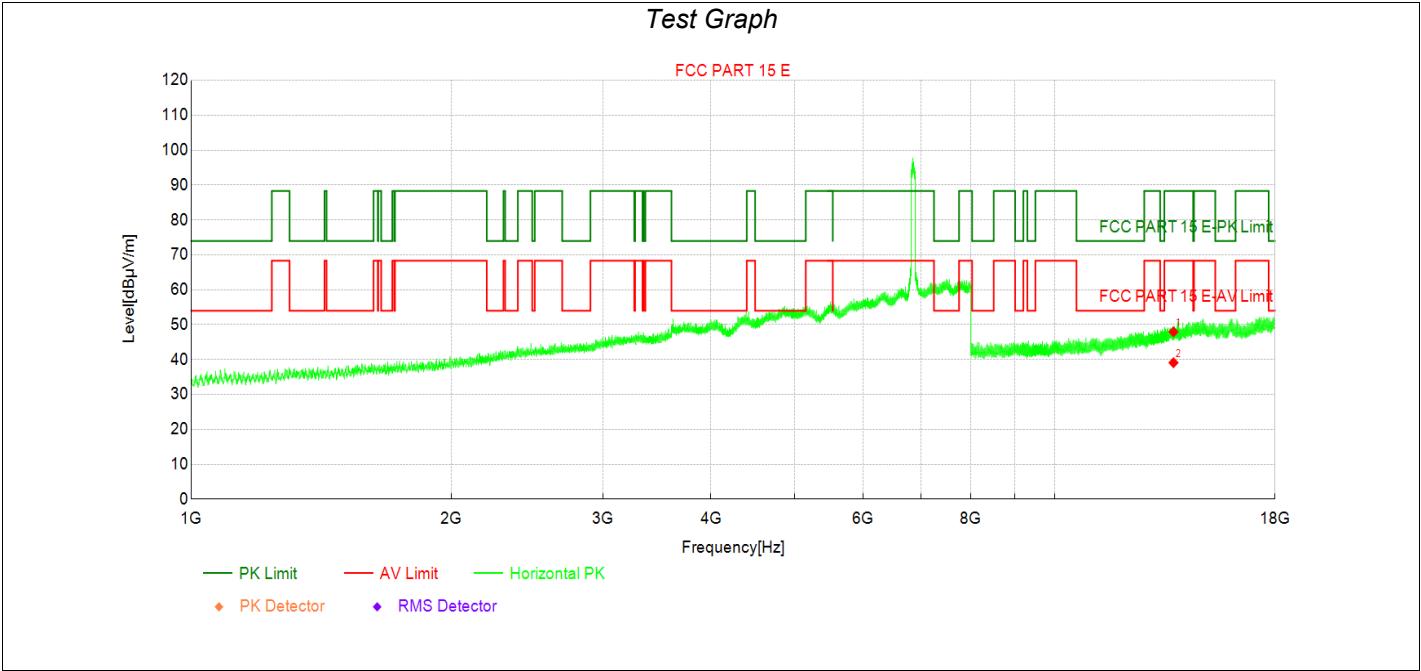
Transmit at 6785MHz by 802.11ax(80MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13570.00	32.81	47.24	14.43	88.30	41.06	PK	Vertic	PASS
2	13600.00	27.35	42.06	14.71	68.30	26.24	AV	Vertic	PASS

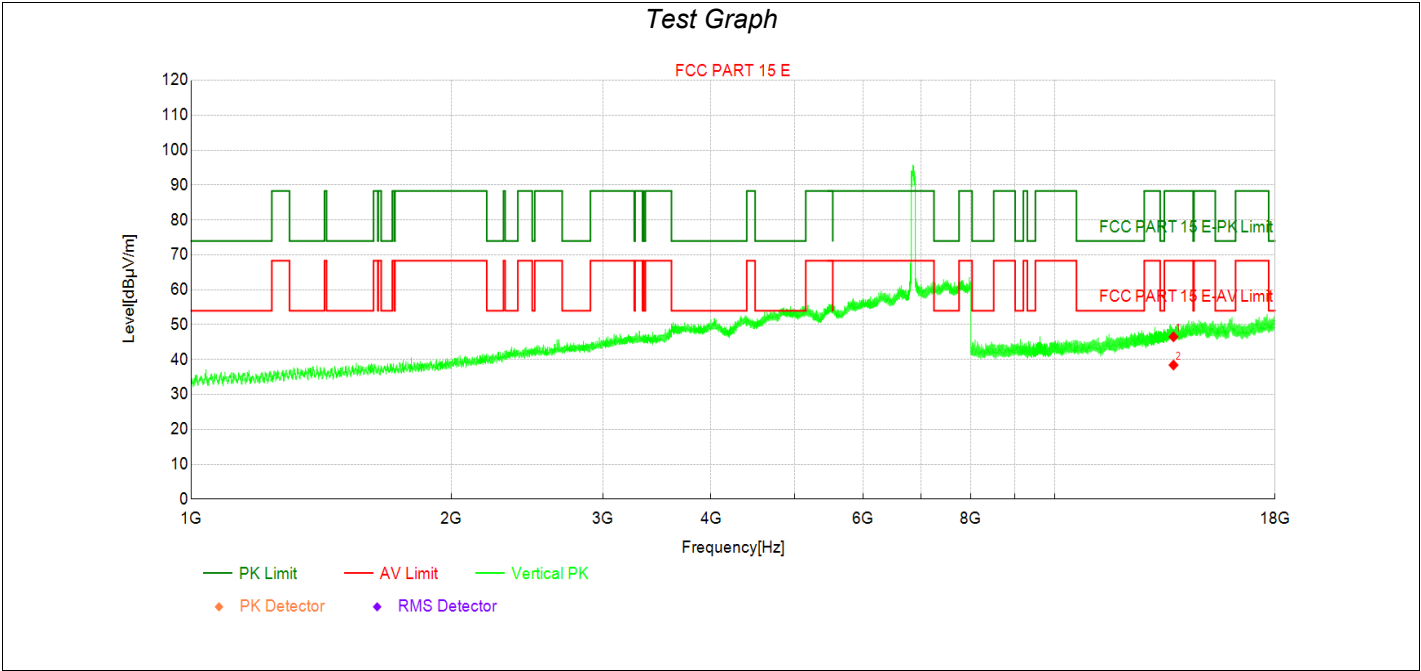
Transmit at 6865MHz by 802.11ax(80MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13730.00	33.77	47.95	14.18	88.30	40.35	PK	Horizo	PASS
2	13730.00	24.92	39.10	14.18	68.30	29.20	AV	Horizo	PASS

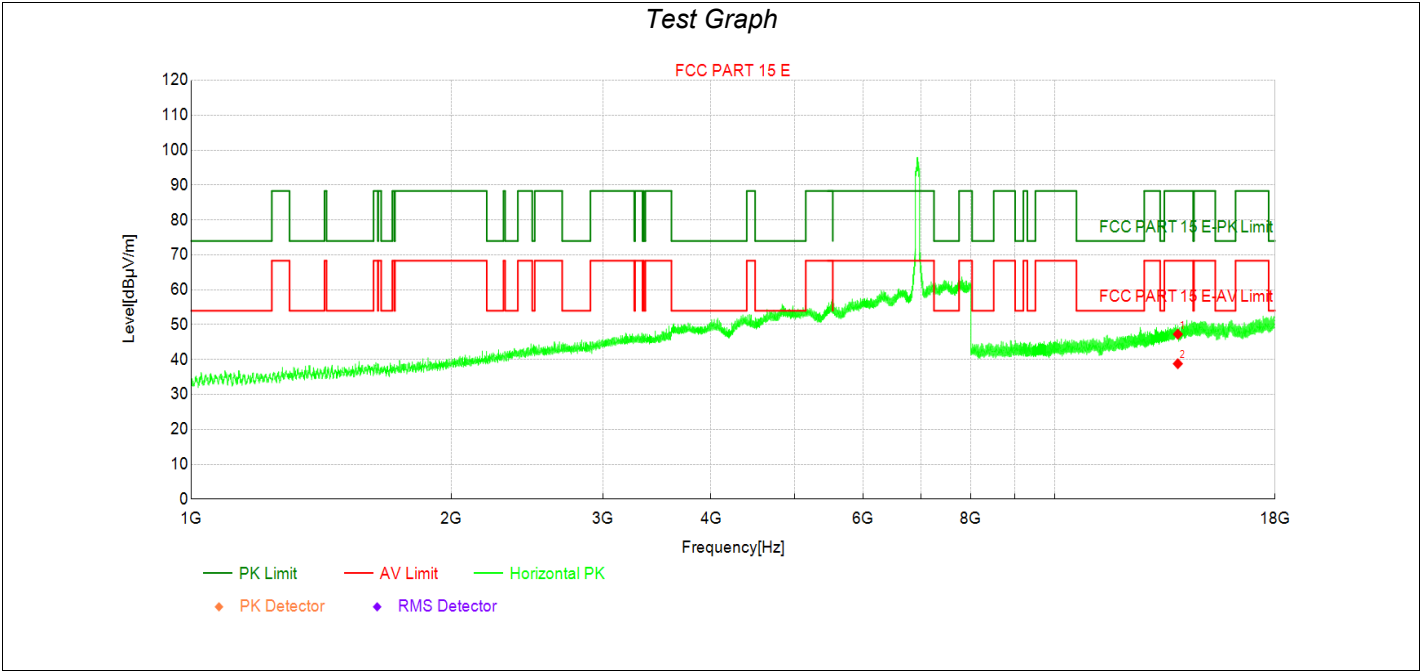
Transmit at 6865MHz by 802.11ax(80MHz) with Ant2+3



Data List

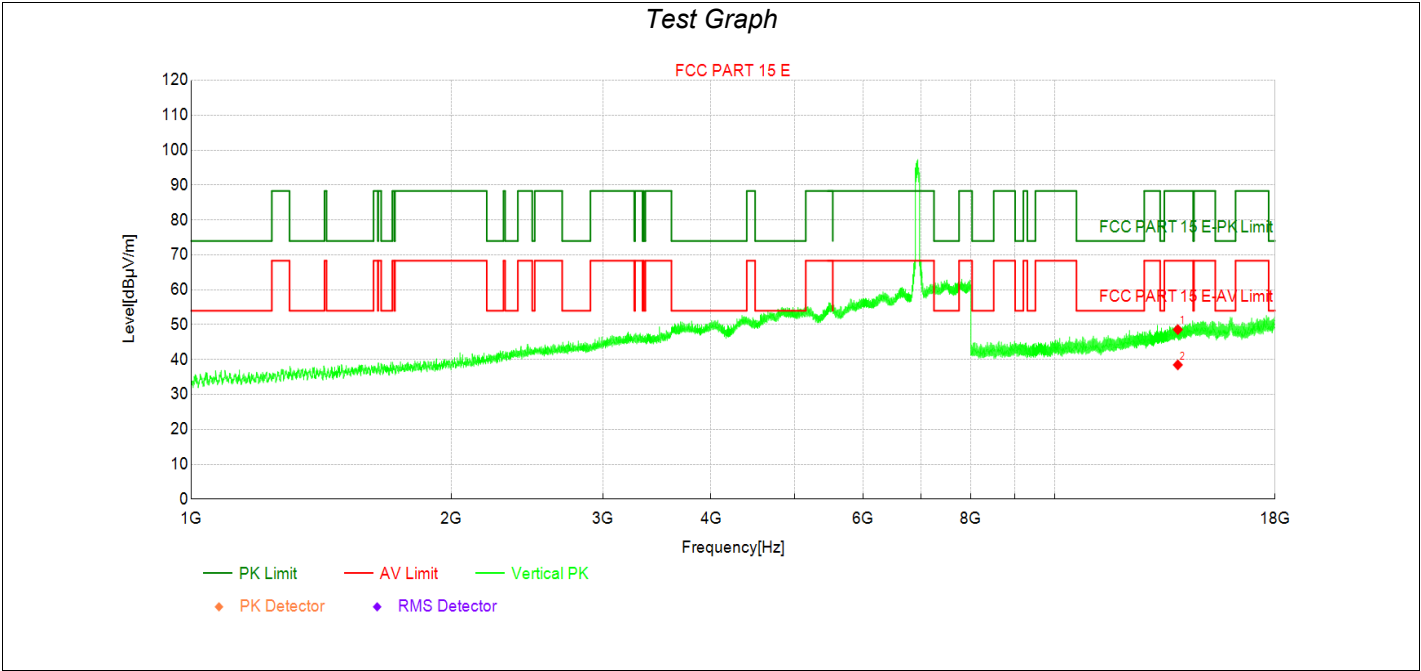
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13730.00	32.34	46.52	14.18	88.30	41.78	PK	Vertic	PASS
2	13730.00	24.24	38.42	14.18	68.30	29.88	AV	Vertic	PASS

Transmit at 6945MHz by 802.11ax(80MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13890.00	32.49	47.28	14.79	88.30	41.02	PK	Horizo	PASS
2	13890.00	24.01	38.80	14.79	68.30	29.50	AV	Horizo	PASS

Transmit at 6945MHz by 802.11ax(80MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	13890.00	33.81	48.60	14.79	88.30	39.70	PK	Vertic	PASS
2	13890.00	23.68	38.47	14.79	68.30	29.83	AV	Vertic	PASS