

Test report No:
2660484R.704A

FCC TEST REPORT

Product Name	WiFi/BT Module
Model and /or type reference	MWH655S
Trademark	Hisense
FCC ID	2AJVQ-MWH655S
Applicant's name / address	Qingdao Intelligent & Precise Electronics Co., Ltd. No.218, Qianwangang Road, Economic and Technological Development Zone, Qingdao, Shandong Province, China.
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)	Reyn Chen / Supervisor 
Approved by (name / position & signature)	Well Wei / Manager 
Date of issue	2026-08-22
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COMPETENCES AND GUARANTEES

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

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

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GENERAL CONDITIONS

Test Location	Room 101, 1/F., Building 7, Smart Science Park Phase 5. No. 8213, Fanhua Avenue, Economic and Technological Development Zone, Hefei, Anhui, China
Date(receive sample)	Jun. 22, 2026
Date (start test)	Jul. 05, 2026
Date (finish test)	Aug. 07, 2026

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.
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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
2660484R.704A	V1.0	Initial issue of report.	2026-08-22

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

Conducted Test/ SR103

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	Firmware Version	Software Version
Constant temperature and humidity chamber	Chuang Cexing	CCX-KS80DH	0005037	2026.05.11	2027.05.10	N/A	N/A
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2026.06.17	2027.06.16	N/A	N/A
Wideband Radio Communication Tester	R&S	CMW 500	163864	2026.05.08	2027.05.07	V 4.0.60	N/A
MAX Signal Analyzer	Keysight	N9020A	MY56060147	2026.06.17	2027.06.16	A.17.55	N/A
RF Control Unit	Tonscend	JS0806-2	806JS2X02 1710251017	2026.06.23	2027.06.22	N/A	N/A
Signal Generator	R&S	SMR 20	100654	2026.06.09	2027.06.08	N/A	N/A
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2026.06.17	2027.06.16	N/A	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.6.21
Temperature/Humidity Meter	RITERS	RTS-8S	034	2025.08.25	2026.08.24	N/A	N/A

Radiated Emission(9KHz-1GHz) / AC102

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
semi-anechoic chamber	Maorui	9m*6m*6m	AC102	2023.08.23	2026.08.22	N/A	N/A
Bilog Antenna	TESEQ	CBL6112D	57867	2025.10.27	2026.10.26	N/A	N/A
Loop Antenna	R&S	HFH2-Z2E	101181	2025.10.24	2026.10.23	N/A	N/A
EMI test receiver	R&S	ESR7	102753	2026.05.07	2027.05.06	V3.66SP1	
Temperature/ Humidity Meter	RTS-8S	RTS-8S	013	2025.08.29	2026.08.28	N/A	N/A
Temperature/ Humidity Meter	RTS-8S	RTS-8S	015	2025.08.25	2026.08.24	N/A	N/A
Test Software	TS+	TS Testing System	N/A	N/A	N/A	N/A	V1.0

Radiated Emission (1GHz-40GHz) / AC103

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	Firmware Version	Software Version
Fully-anechoic chamber	Maorui	9m*6m*6m	AC103	2023.08.23	2026.08.22	N/A	N/A
MAX Signal Analyzer	Keysight	N9020B	MY63490118	2025.08.08	2026.08.07	A35.06	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2025.10.19	2026.10.18	N/A	N/A
Low Noise Amplifier	Tonscend	TAP01018048S	AP23J8060307	2025.10.17	2026.10.16	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2025.10.18	2026.10.17	N/A	N/A
Low Noise Amplifier	ESE	LNA1840	LNA23070301	2025.10.17	2026.10.16	N/A	N/A
Temperature/Humidity Meter	RITERS	RTS-8S	029	2025.08.25	2026.08.24	N/A	N/A
Temperature/Humidity Meter	RITERS	RTS-8S	010	2025.08.25	2026.08.24	N/A	N/A
Test Software	Tonscend	J536	JS36-RSE	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	Uncertainty
AC Power Line Conducted Emission	9kHz~150kHz: 2.8 dB 150kHz~30MHz: 2.4 dB
Power Output	± 1.3 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~300MHz: 3.5 dB, 300MHz~1GHz: 3.6 dB Vertical: 30MHz~300MHz: 3.6 dB, 300MHz~1GHz: 3.5 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~40GHz: 5.0 dB Vertical: 1GHz~40GHz: 4.8 dB
RF antenna conducted test	± 1.3 dB
Radiated Emission Band Edge	± 3.9 dB
DTS Bandwidth	± 1.0 kHz
Occupied Bandwidth	± 1.0 kHz
Power Density	± 1.3 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name:	WiFi/BT Module		
Model Name:	MWH655S		
Trademark.:	Hisense		
FCC ID:	2AJVQ-MWH655S		
Power Supply:	3.3Vdc		
Hardware Version:	N/A		
Software Version:	N/A		
Manufacturer:	Qingdao Intelligent & Precise Electronics Co., Ltd.		
Manufacturer Address:	No.218, Qianwangang Road, Economic and Technological Development Zone, Qingdao, Shandong Province, China.		
Test Matrix/ IMEI:	RF Conducted	#1	
	RSE	#2	
Wireless specification:	802.11a/n/ac/ax		
Operating frequency range(s):	5.2GHz: 5150 ~ 5250MHz 5.3GHz: 5250 ~ 5350MHz 5.6GHz: 5470 ~ 5725MHz 5.8GHz: 5725 ~ 5850MHz		
Type of Modulation:	802.11a:OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n:OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac:OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) 802.11ax:OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)		
Smart System:	☒	SISO	
	☒	MIMO-CDD	
	☐	MIMO-Beamforming	
DFS Function:	☐	Master device	
	☐	Slave with radar detection	
	☒	Slave without radar detection	
TPC Function:	☒	Support	☐ Not Support

Antenna Information

Antenna	Brand	Antenna Type	Antenna Gain (dBi)		
1	hanyang	Ceramics	SISO	Power:WIFI0:1.99; WIFI1:2.45	PSD: WIFI0:1.99; WIFI1:2.45
			CDD	Power:2.45	PSD:5.23
2	INPAO	FPC	SISO	Power: WIFI0:2.00;WIFI1:2.00	PSD: WIFI0:2.00;WIFI1:2.00
			CDD	Power:2.00	PSD:5.01
3	hanyang	PIFA	SISO	Power: WIFI0:4.07; WIFI1:4.07	PSD: WIFI0:4.07; WIFI1:4.07
			CDD	Power:4.07	PSD:7.08
4	Hisense	PCB	SISO	Power: WIFI1:1.71; WIFI3:1.49	PSD: WIFI1:1.71;WIFI3:1.49
			CDD	Power:1.71	PSD:4.61

Note1: Conducted measurements were performed with reference to Antenna3, as Antenna3 has higher antenna gain.

Note2: For RSE, we pre-test all antennas and finally select the Antenna1 with the worst test results for all tests.

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

802.11a/n/ac/ax(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5550 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz	165	5825 MHz
802.11n/ac/ax(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz	N/A	N/A
802.11ac/ax(80MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530MHz	122	5610 MHz
155	5775 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		
QATool	0.0.2.28		

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
802.11a	6Mbps
802.11n 20	MCS0(6.5 Mbps)
802.11n 40	MCS0(13.5 Mbps)
802.11ac 20	MCS0(6.5 Mbps)
802.11ac 40	MCS0(13.5 Mbps)
802.11ac 80	MCS0(29.3 Mbps)
802.11ax 20	MCS0(7.3 Mbps)
802.11ax 40	MCS0(14.6 Mbps)
802.11ax 80	MCS0(30.6 Mbps)

Note1.EUT supports SISO Ant 1 antenna mode, SISO Ant 2 mode and MIMO Ant 1+2 mode. What is shown in the report is the data of the worst antenna mode.

Note2: 802.11ax support OFDMA full RU tone and partial RU tone, both full RU and partial RU-left (for lowCH) and partial RU-right (for high CH) test output power, the full RU power/PSD > partial RU.therefore the full RU perform full, and partial RU verify Band Edge/Spurious.

2.3 Power setting in test

Mode	Channel	Frequency (MHz)	Power setting
802.11a	36	5180	12.5
	44	5220	12.5
	48	5240	13.0
	52	5260	13.0
	60	5300	13.0
	64	5320	13.0
	100	5500	13.5
	116	5580	13.0
	140	5700	13.0
	149	5745	12.5
	157	5785	12.5
	165	5825	12.5
802.11n(20MHz)	36	5180	10.0
	44	5220	10.0
	48	5240	10.5
	52	5260	10.0
	60	5300	10.0
	64	5320	10.0
	100	5500	12.0
	116	5580	12.0
	140	5700	11.5
	149	5745	11.5
	157	5785	11.5
	165	5825	11.5
802.11n(40MHz)	38	5190	9.0
	46	5230	9.5
	54	5270	9.5
	62	5310	8.5
	102	5510	11.0
	118	5590	11.0
	134	5670	10.5
	151	5755	11.0
	159	5795	12.0
802.11ac(20MHz)	36	5180	10.0
	44	5220	10.0
	48	5240	10.5
	52	5260	10.0
	60	5300	10.0
	64	5320	10.0
	100	5500	12.0
	116	5580	12.0
	140	5700	11.5
	149	5745	11.5
	157	5785	11.5
	165	5825	11.5

802.11ac(40MHz)	38	5190	9.0
	46	5230	9.5
	54	5270	9.5
	62	5310	8.5
	102	5510	11.0
	118	5590	11.0
	134	5670	10.5
	151	5755	11.0
	159	5795	12.0
802.11ac(80MHz)	42	5210	10.0
	58	5290	10.0
	106	5530	11.0
	122	5610	11.0
	155	5775	11.0
802.11ax(20MHz)	36	5180	10.0
	44	5220	10.0
	48	5240	10.5
	52	5260	10.0
	60	5300	10.0
	64	5320	10.0
	100	5500	12.0
	116	5580	12.0
	140	5700	11.5
	149	5745	11.5
	157	5785	11.5
	165	5825	11.5
802.11ax(40MHz)	38	5190	8.0
	46	5230	8.5
	54	5270	8.5
	62	5310	8.5
	102	5510	10.0
	118	5590	10.0
	134	5670	9.5
	151	5755	10.0
	159	5795	10.0
802.11ax(80MHz)	42	5210	8.0
	58	5290	8.0
	106	5530	9.0
	122	5610	9.0
	155	5775	9.0
802.11ax(20MHz) - RU26	36	5180	-8.0
	44	5220	-8.0
	48	5240	-8.0
	52	5260	-8.0
	60	5300	-8.0
	64	5320	-8.0
	100	5500	-7.0
	116	5580	-8.0
	140	5700	-8.0
	149	5745	-9.0
	157	5785	-8.0

	165	5825	-9.0
802.11ax(20MHz) - RU52	36	5180	-8.0
	44	5220	-7.0
	48	5240	-7.0
	52	5260	-7.0
	60	5300	-8.0
	64	5320	-7.0
	100	5500	-7.0
	116	5580	-7.0
	140	5700	-8.0
	149	5745	-7.0
	157	5785	-7.0
	165	5825	-7.0
802.11ax(20MHz) - RU106	36	5180	6.0
	44	5220	6.0
	48	5240	6.0
	52	5260	6.0
	60	5300	6.0
	64	5320	6.0
	100	5500	6.0
	116	5580	6.0
	140	5700	6.0
	149	5745	6.0
	157	5785	6.0
	165	5825	6.0
802.11ax(40MHz) - RU242	38	5190	6.0
	46	5230	6.0
	54	5270	6.0
	62	5310	6.0
	102	5510	6.0
	118	5590	7.0
	134	5670	5.0
	151	5755	5.0
	159	5795	6.0
802.11ax(80MHz) - RU484	42	5210	8.0
	58	5290	6.0
	106	5530	6.0
	122	5610	5.0
	155	5775	8.0

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.

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	N/A	The EUT is powered by DC and is not applicable.
Radiated Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.209	PASS	Test data please refer to Appendix A
Emission bandwidth and occupied bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix B
6dB Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e)	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
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix F
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart E: Section 15.205, 15.407(b)	PASS	Test data please refer to Appendix G
Frequency Stability	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(g)	N/A (See Note1)	N/A (See Note1)
Dynamic Frequency Selection (DFS)	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(h)	PASS	Test report please refer to 2660484R.705A
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.			

3.4 Test Facility

Tset Location	: FCC Designation Number: CN1321
---------------	----------------------------------

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 AC Power Line Conducted Emission

VERDICT: N/A

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

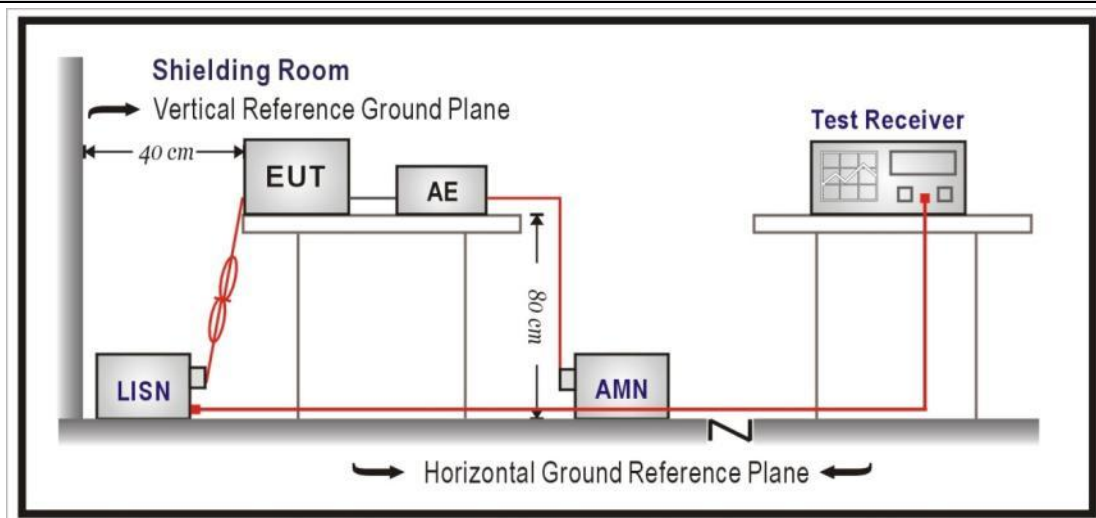
¹⁾ At the transition frequency, the lower limit applies.

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 Emissions**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)

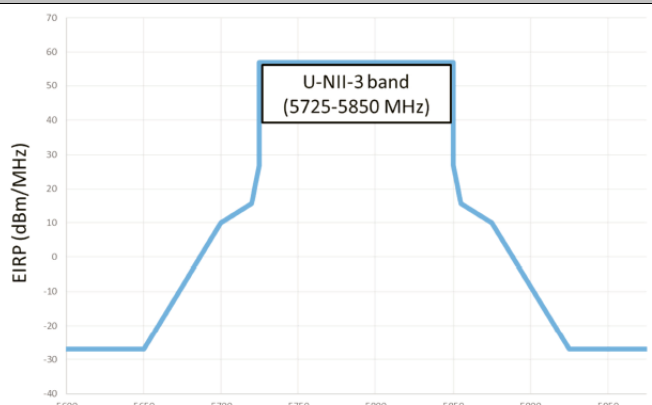
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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).

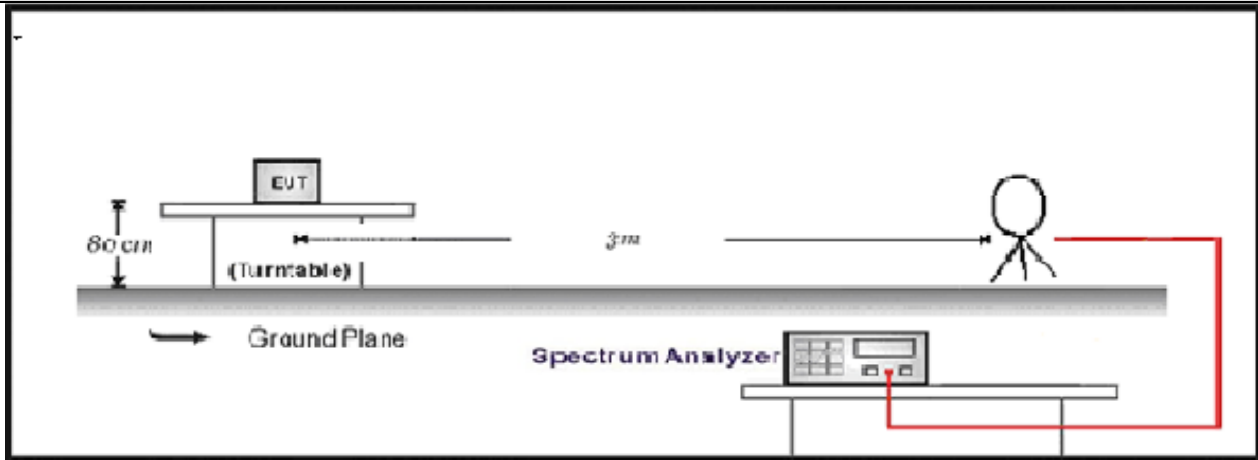
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit),

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

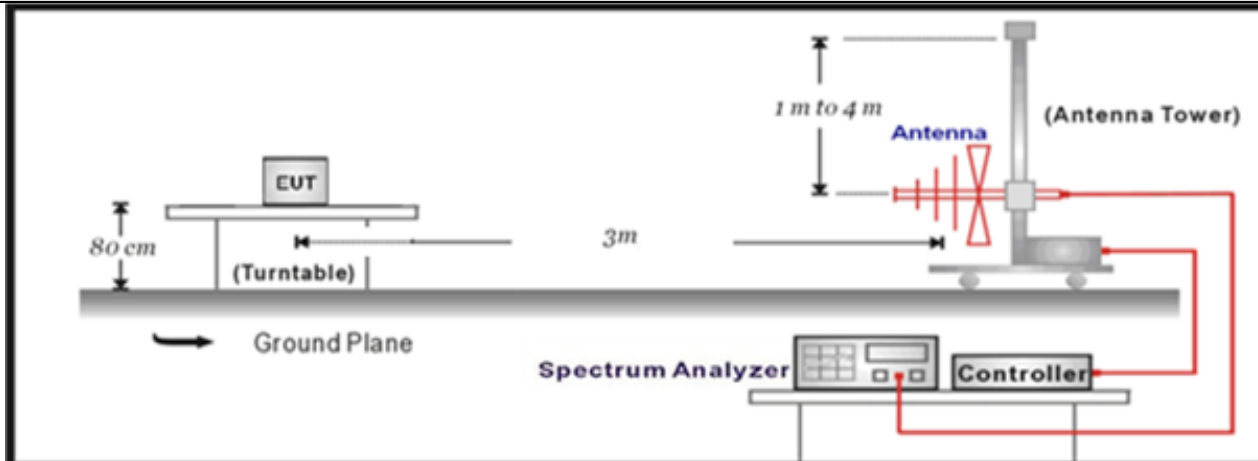
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5850	 U-NII-3 band (5725-5850 MHz)

4.2.2 Test Setup

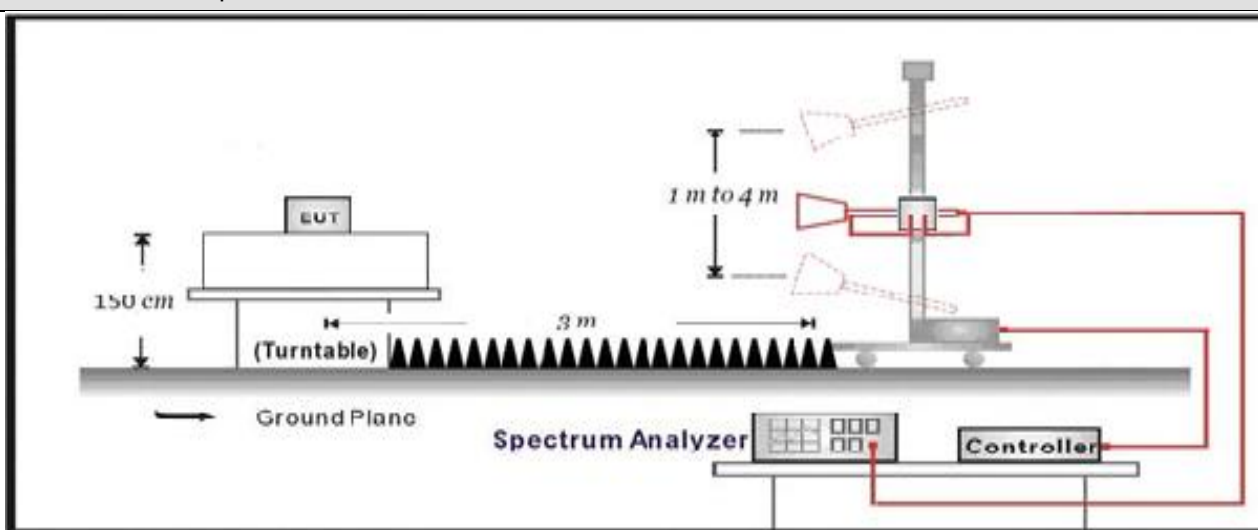
Below 30MHz Test Setup:



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

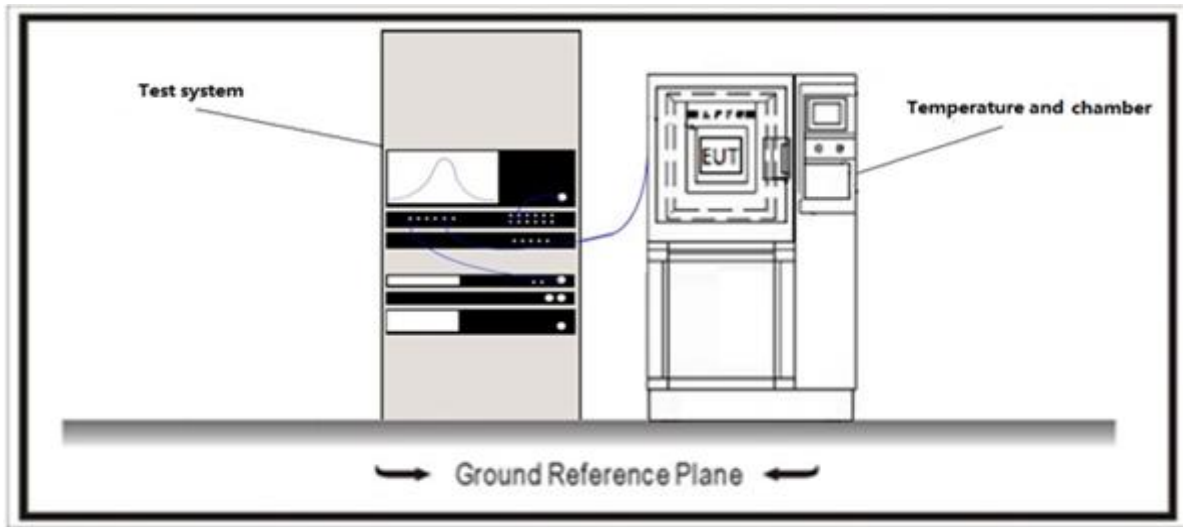
VERDICT: PASS

4.3.1 Limit

Standard FCC CFR Title 47 Part 15 Subpart E: Section 15.407.

Within the Frequency band.

4.3.2 Test Setup

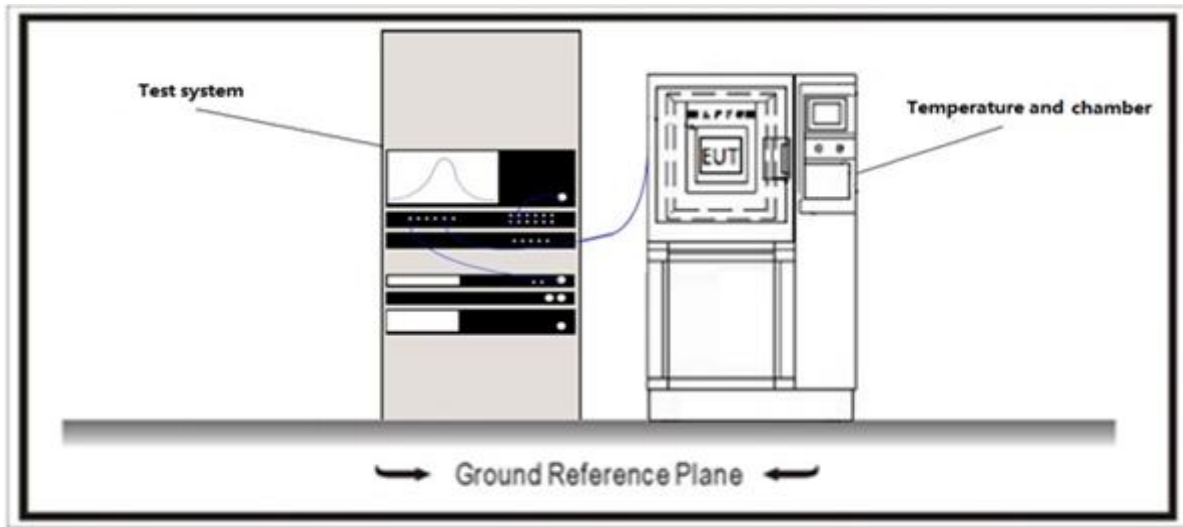


4.3.3 Test Procedure

Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Emission bandwidth and occupied bandwidth
☐	ANSI C63.10	12.5.1	Emission bandwidth for the band 5.725 GHz to 5.85 GHz
☒	ANSI C63.10	12.5.2	Emission bandwidth for all other bands
☒	ANSI C63.10	12.5.3	Occupied bandwidth
☒	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 6dB bandwidth**VERDICT: PASS****4.4.1 Limit****Standard**

FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e).

6dB Bandwidth $\geq 500\text{KHz}$ **4.4.2 Test Setup****4.4.3 Test Procedure****Test Method**

	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Emission bandwidth and occupied bandwidth
☒	ANSI C63.10	12.5.1	Emission bandwidth for the band 5.725 GHz to 5.85 GHz
☐	ANSI C63.10	12.5.2	Emission bandwidth for all other bands
☐	ANSI C63.10	12.5.3	Occupied bandwidth
☒	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

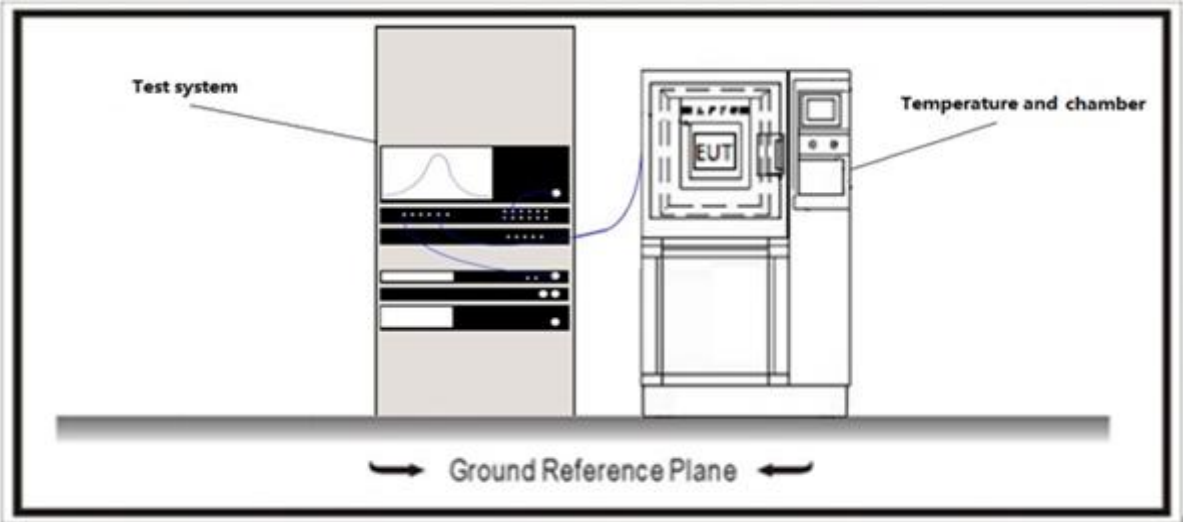
4.5 Duty cycle

VERDICT: PASS

4.5.1 Limit

N/A

4.5.2 Test Setup



4.5.3 Test Procedure

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

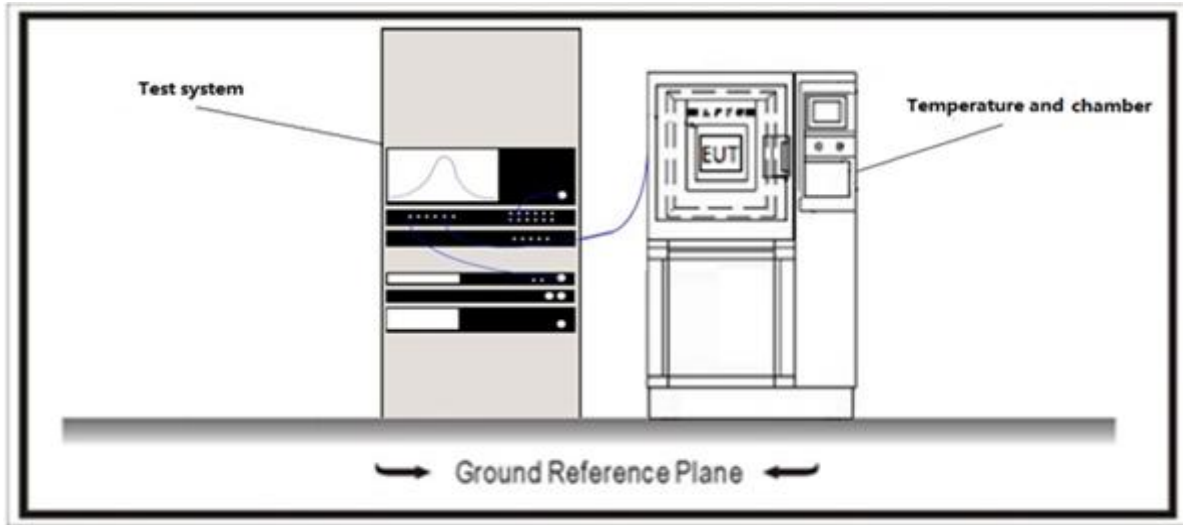
4.6 Power Output**VERDICT: PASS****4.6.1 Limit**

Standard		FCC Part 15 Subpart E Paragraph 15.407 (a)
☒	For the band 5.15-5.25 GHz	
☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$ and $\leq 125\text{mW}$ at any angle above 30 degrees	
☐	Indoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$	
☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 23)$	
☒	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 24 - (G_{TX} - 6)$	
☒	For the band 5.25-5.35 GHz:	
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$	
☒	For the 5.47-5.725 GHz:	
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$	
☒	For the band 5.725-5.85 GHz:	
☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6 \text{ dBi}$, then $P_{out} = 30 - (G_{TX} - 6)$	
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W	

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum conducted output power .

4.6.2 Test Setup



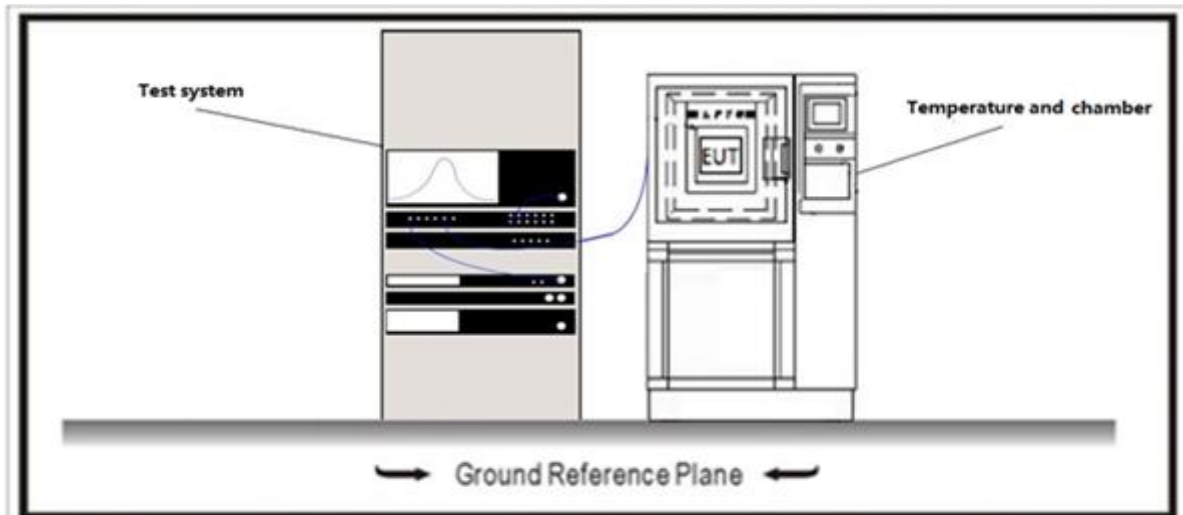
4.6.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		12.4	Maximum conducted output power
	☐	ANSI C63.10	12.4.2	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

4.7 Maximum Power Spectral Density**VERDICT: PASS****4.7.1 Limit**

Standard		FCC Part 15 Subpart E Paragraph 15.407 (a)
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
	☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 23)$
	☒	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the 5.25-5.35 GHz:	
	☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the 5.47-5.725 GHz:	
	☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the band 5.725-5.85 GHz:	
	☒	The maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1: G_{TX} directional gain of transmitting antennas.		
Note 2: P_{out} is maximum power spectral density.		

4.7.2 Test Setup

4.7.3 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

4.8 Radiated Emission Band Edge**VERDICT: PASS****4.8.1 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)

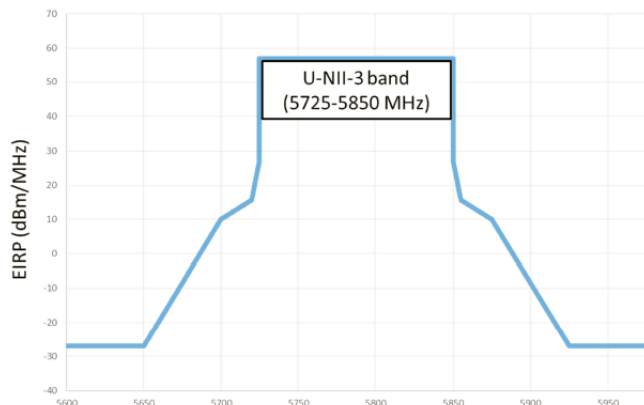
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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).

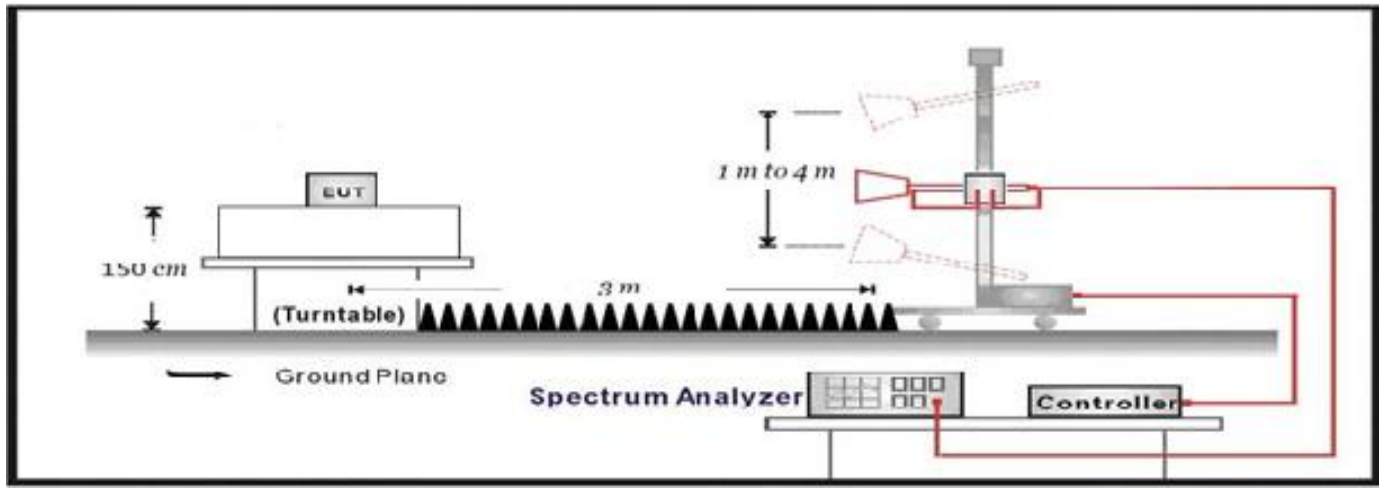
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit).

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5850	 U-NII-3 band (5725-5850 MHz)

4.8.2 Test Setup

Above 1GHz Test Setup:



4.8.3 Test Procedure

	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
☐	FCC KDB 789033 D02v02r01	G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v02r01	G.1	Unwanted Emissions in the Restricted Bands
☐	FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
☐	FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
☐	FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz



	☐	FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	☐	FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

4.9 Frequency Stability

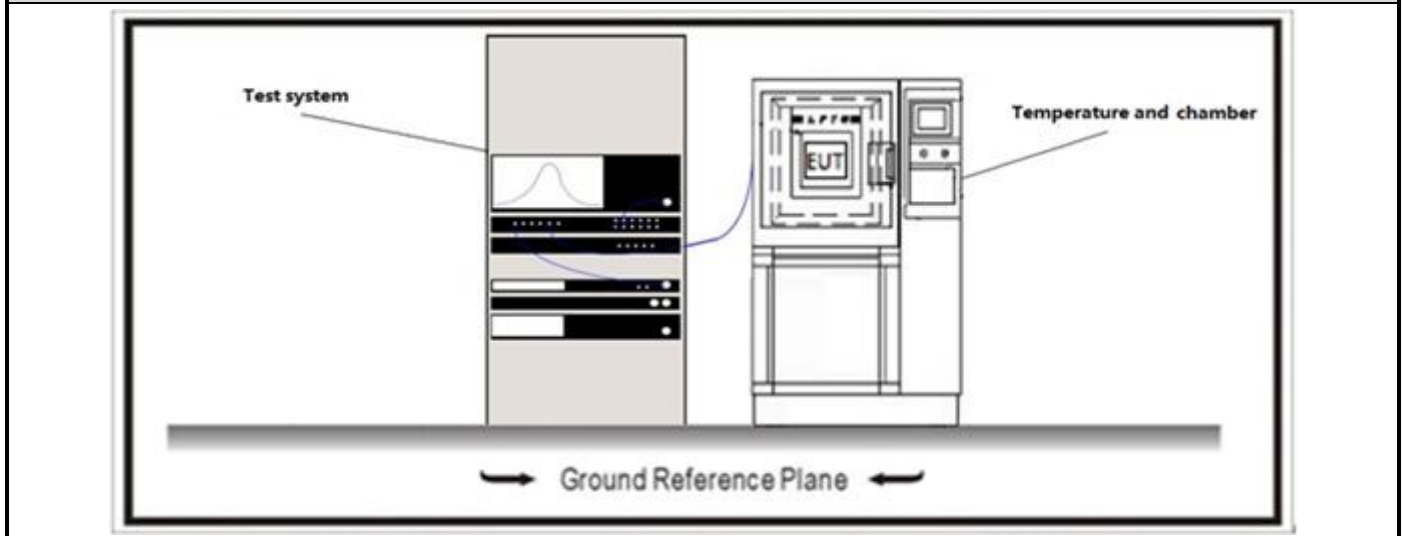
VERDICT: N/A

4.9.1 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 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

4.9.2 Test Setup



4.9.3 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

4.10 Antenna Requirement

VERDICT: PASS

4.10.1 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.

4.10.2 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.	

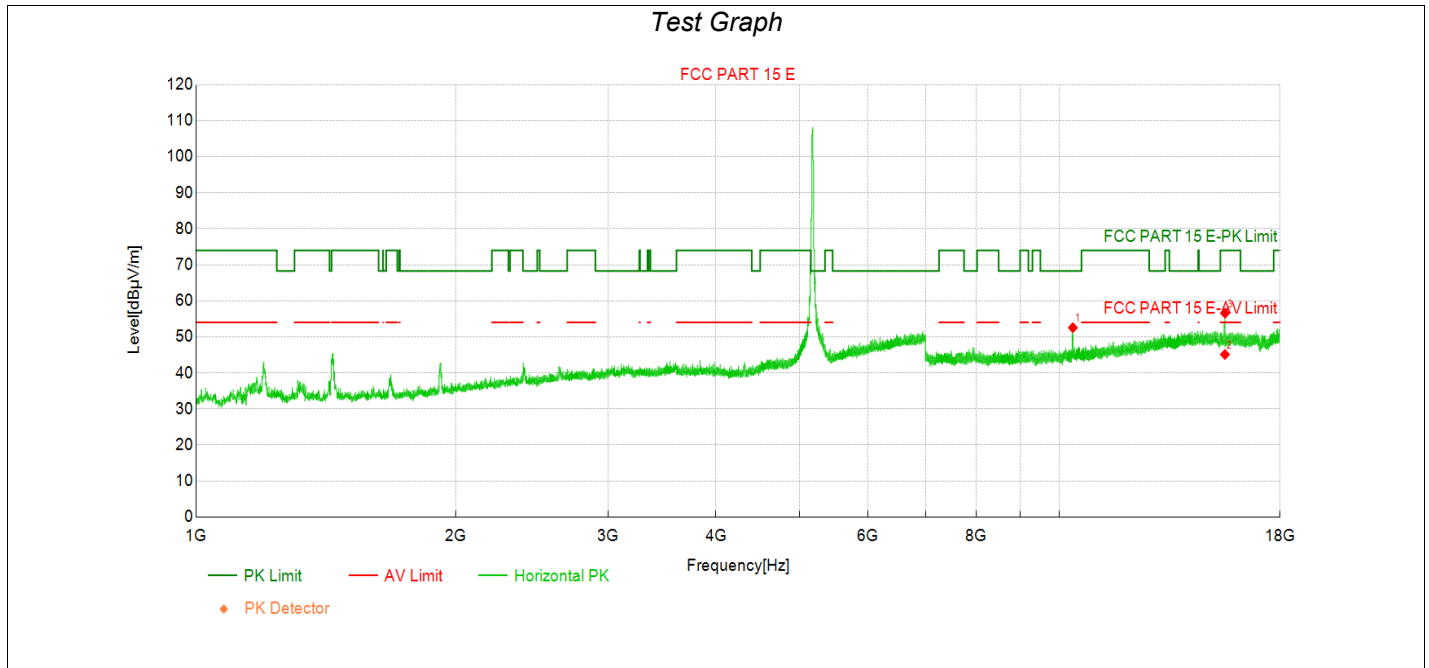
5 TEST SETUP PHOTO AND EUT PHOTO

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

6 TEST RESULT

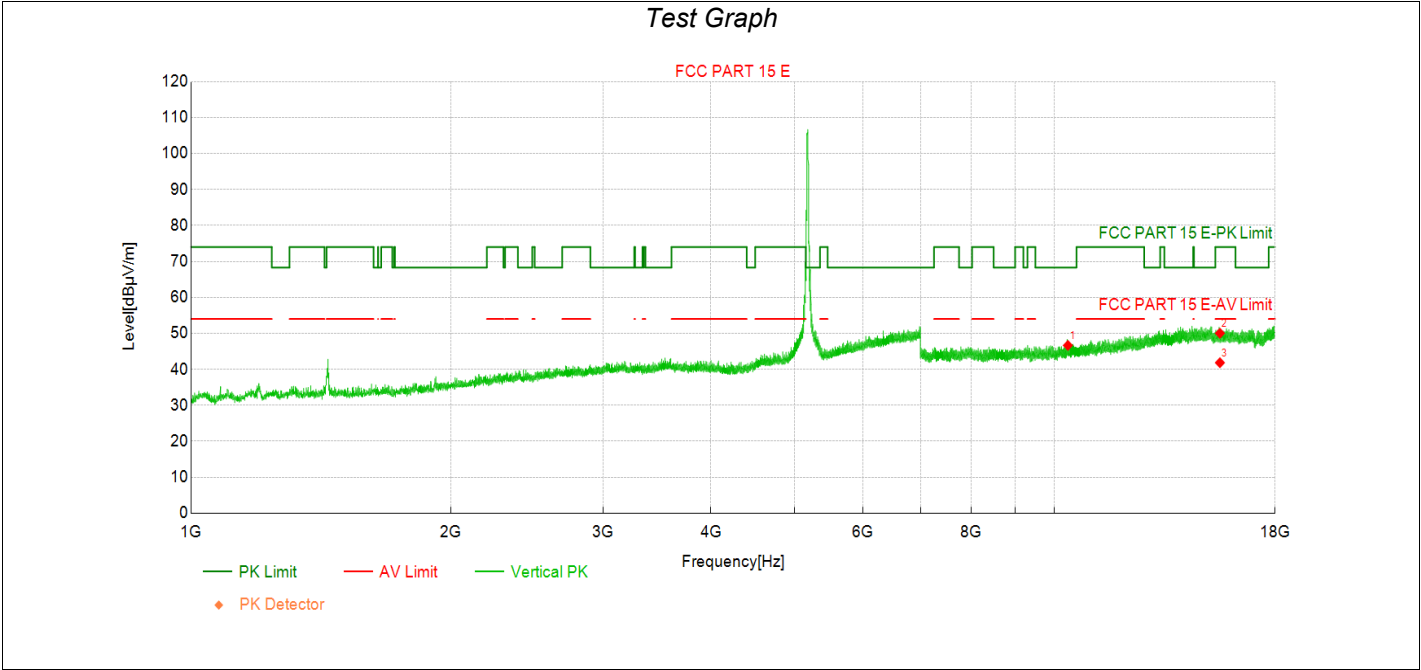
Appendix A: Radiated Emission

Transmit at 5180MHz by 802.11a with Ant2



Data List									
NO	Frequenc y [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	10358.21	49.8	52.55	2.760	68.30	15.75	PK	Horizo	PASS
2	15539.67	34.3	45.11	10.800	54.00	8.89	AV	Horizo	PASS
3	15543.33	45.8	56.56	10.800	74.00	17.44	PK	Horizo	PASS

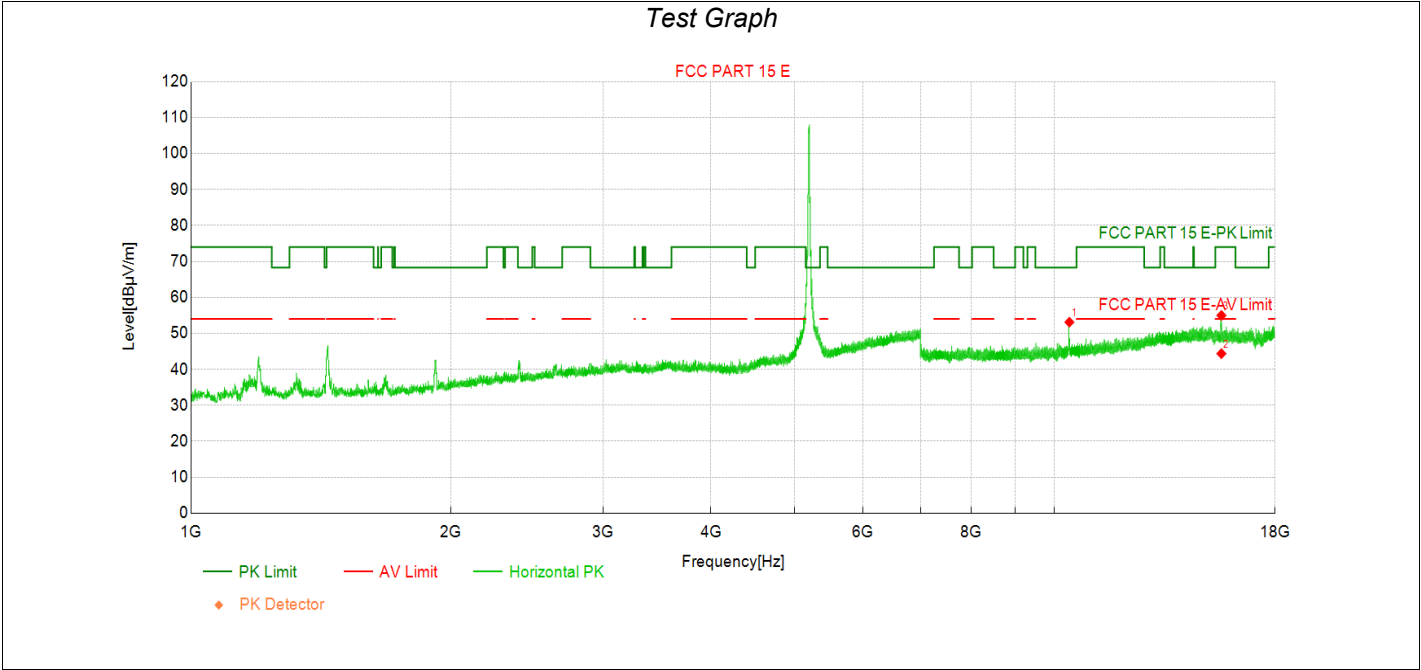
Transmit at 5180MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360.00	43.9	46.65	2.760	68.30	21.65	PK	Vertic	PASS
2	15540.00	39.2	50.03	10.800	74.00	23.97	PK	Vertic	PASS
3	15540.00	31.0	41.83	10.800	54.00	12.17	AV	Vertic	PASS

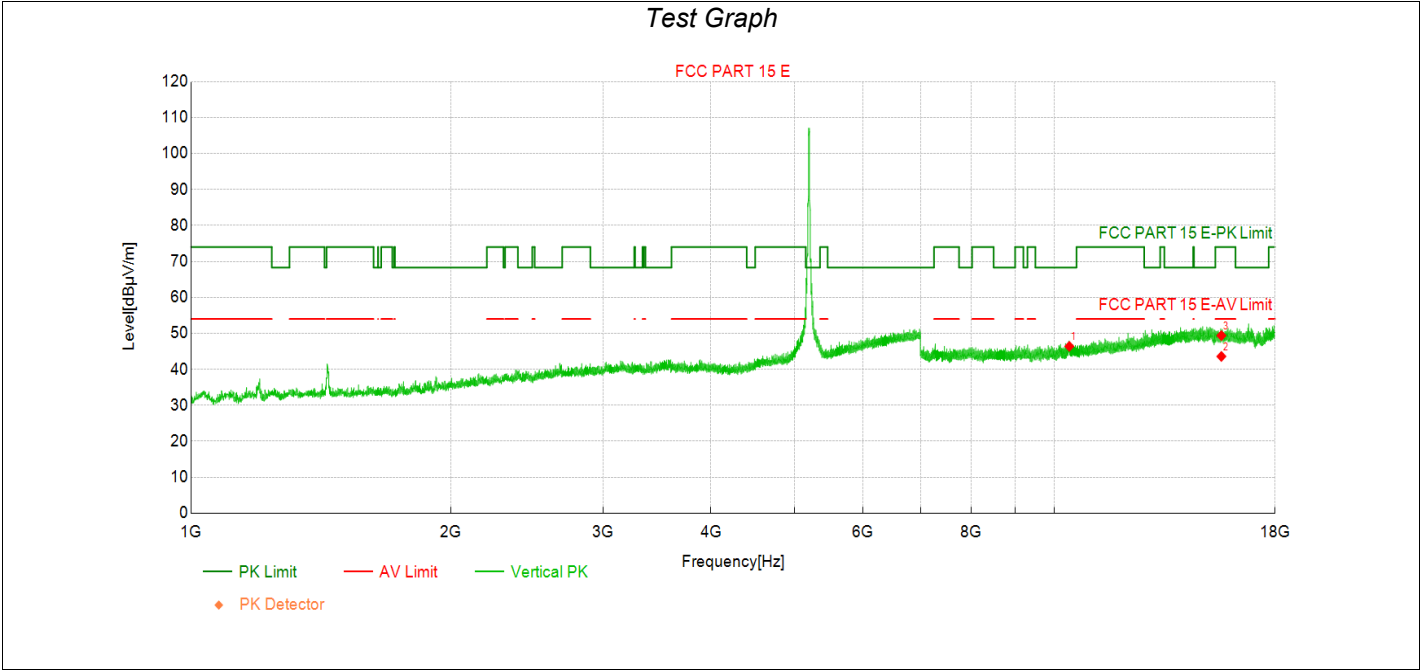
Transmit at 5200MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10401.29	50.4	53.11	2.760	68.30	15.19	PK	Horizo	PASS
2	15602.46	33.6	44.37	10.740	54.00	9.63	AV	Horizo	PASS
3	15602.92	44.2	54.98	10.740	74.00	19.02	PK	Horizo	PASS

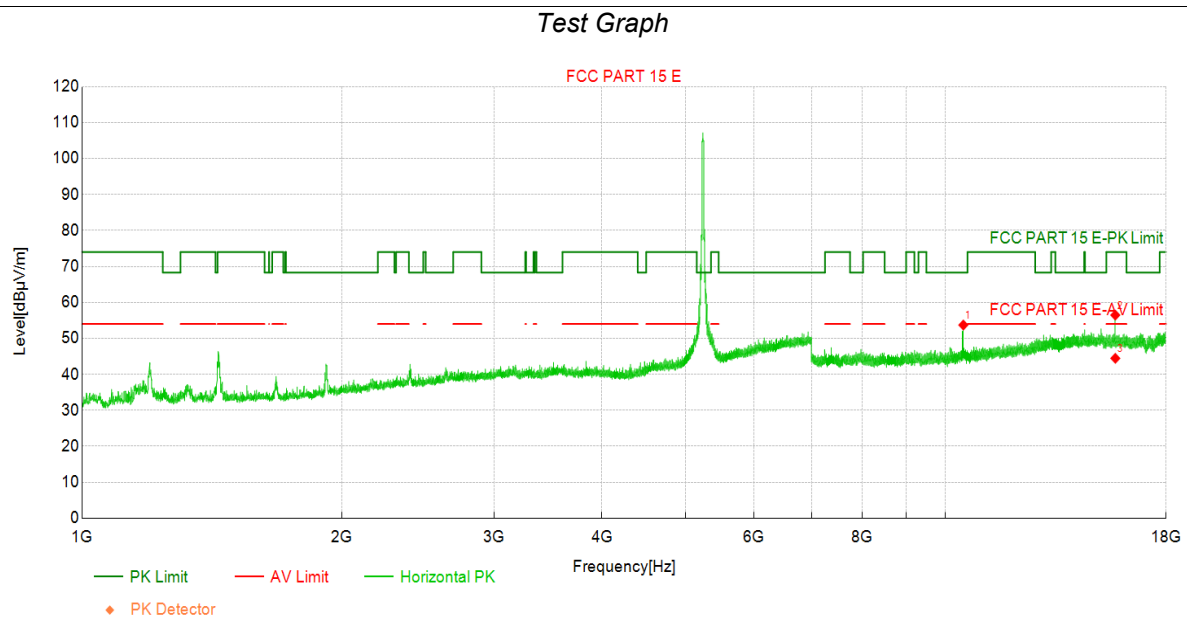
Transmit at 5200MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.00	43.6	46.39	2.760	68.30	21.91	PK	Vertic	PASS
2	15599.71	32.9	43.59	10.740	54.00	10.41	AV	Vertic	PASS
3	15600.00	38.6	49.38	10.740	74.00	24.62	PK	Vertic	PASS

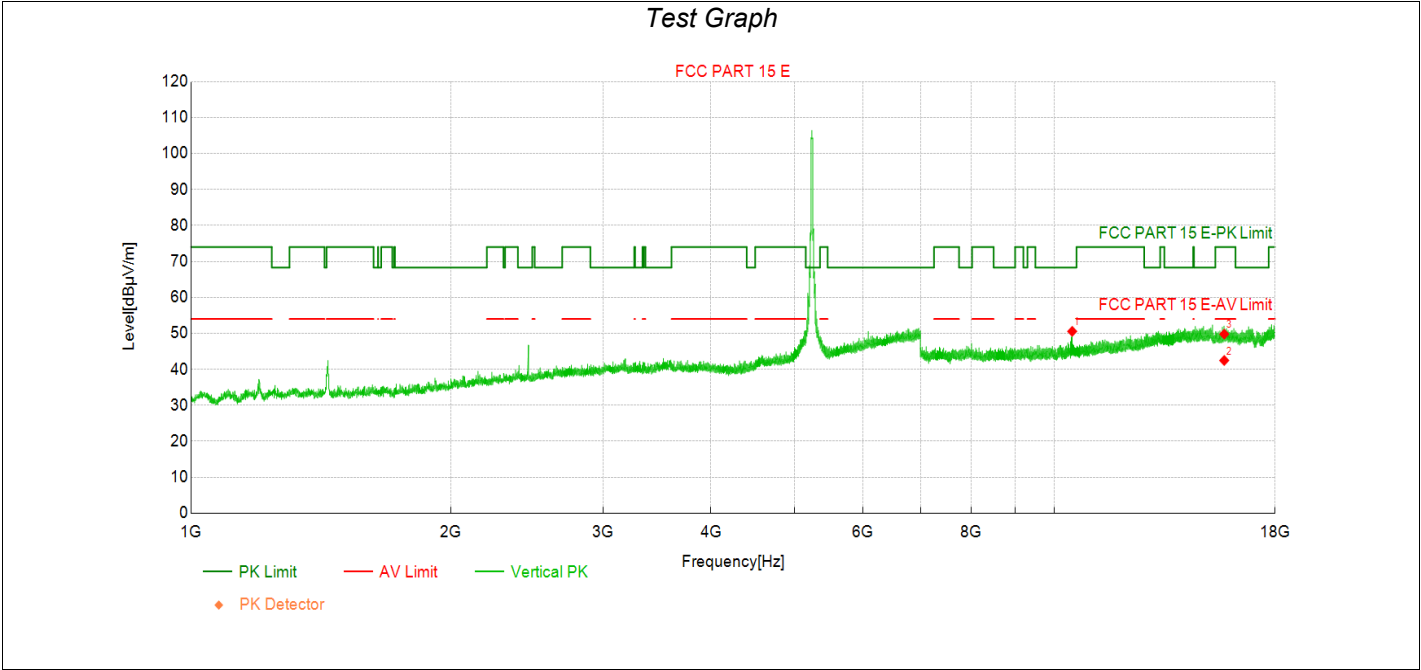
Transmit at 5240MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10483.79	50.8	53.70	2.950	68.30	14.60	PK	Horizo	PASS
2	15722.08	45.9	56.47	10.620	74.00	17.53	PK	Horizo	PASS
3	15722.54	33.8	44.45	10.620	54.00	9.55	AV	Horizo	PASS

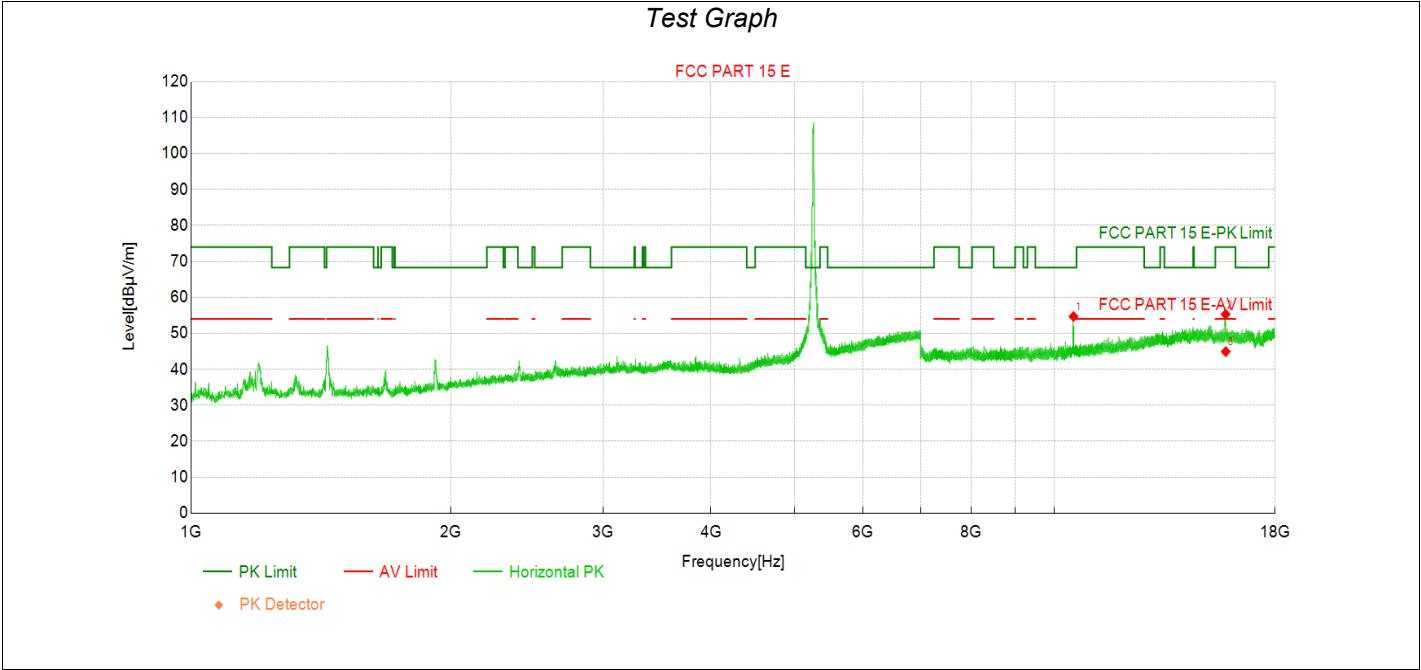
Transmit at 5240MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480.00	47.6	50.56	2.940	68.30	17.74	PK	Vertic	PASS
2	15719.33	31.8	42.47	10.630	54.00	11.53	AV	Vertic	PASS
3	15720.00	39.2	49.79	10.630	74.00	24.21	PK	Vertic	PASS

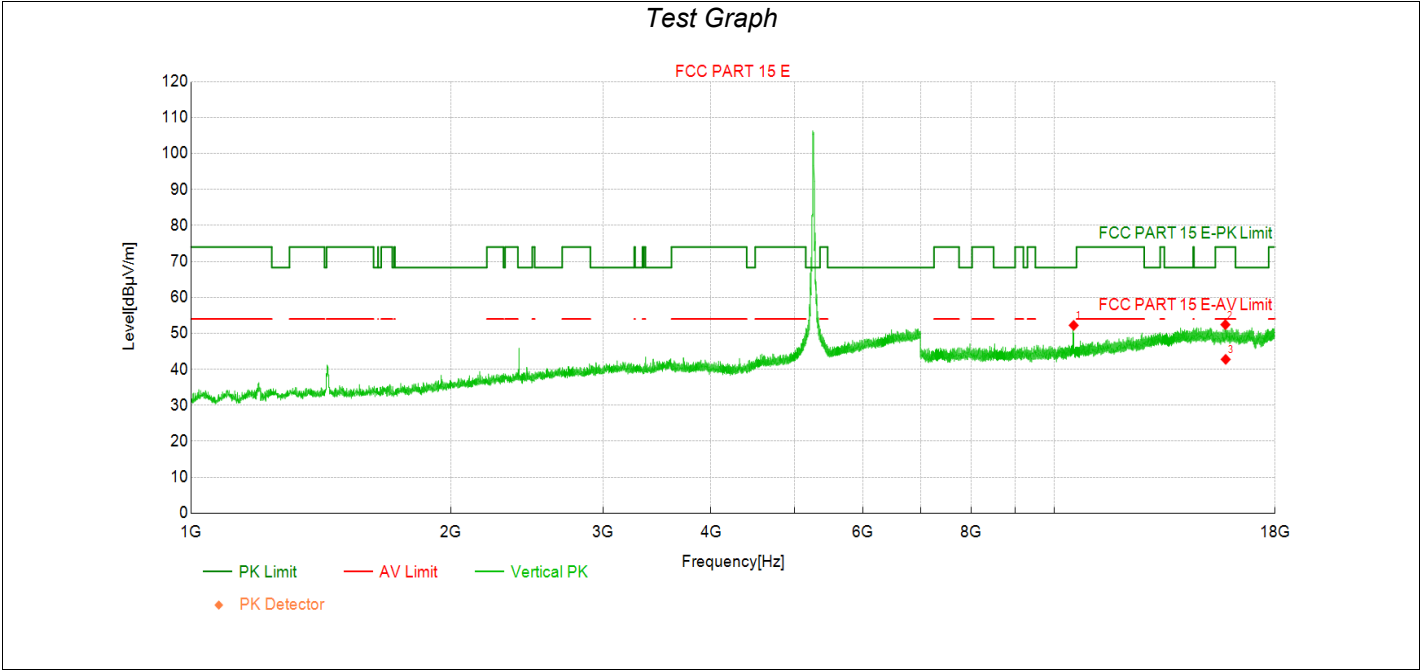
Transmit at 5260MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10517.25	51.7	54.68	2.980	68.30	13.62	PK	Horizo	PASS
2	15776.63	44.8	55.30	10.490	74.00	18.70	PK	Horizo	PASS
3	15783.50	34.5	44.93	10.470	54.00	9.07	AV	Horizo	PASS

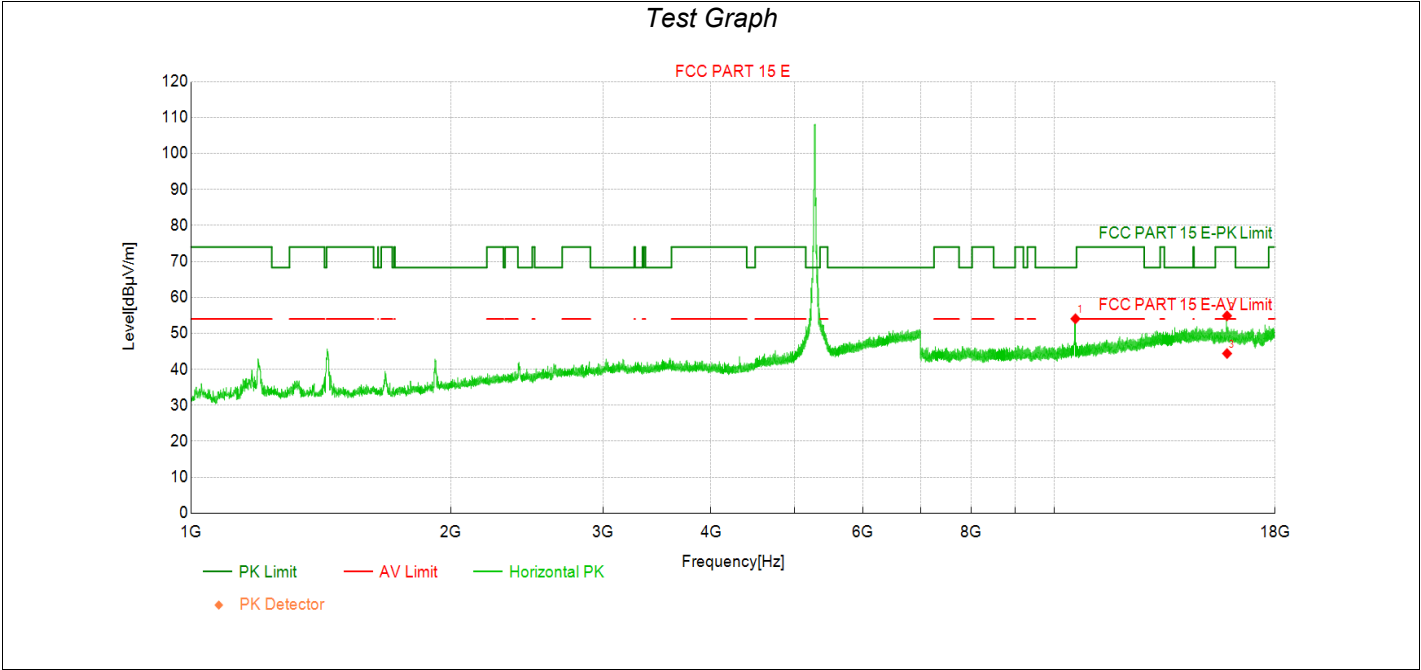
Transmit at 5260MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10521.38	49.3	52.23	2.980	68.30	16.07	PK	Vertic	PASS
2	15768.38	41.9	52.42	10.520	74.00	21.58	PK	Vertic	PASS
3	15780.29	32.3	42.77	10.480	54.00	11.23	AV	Vertic	PASS

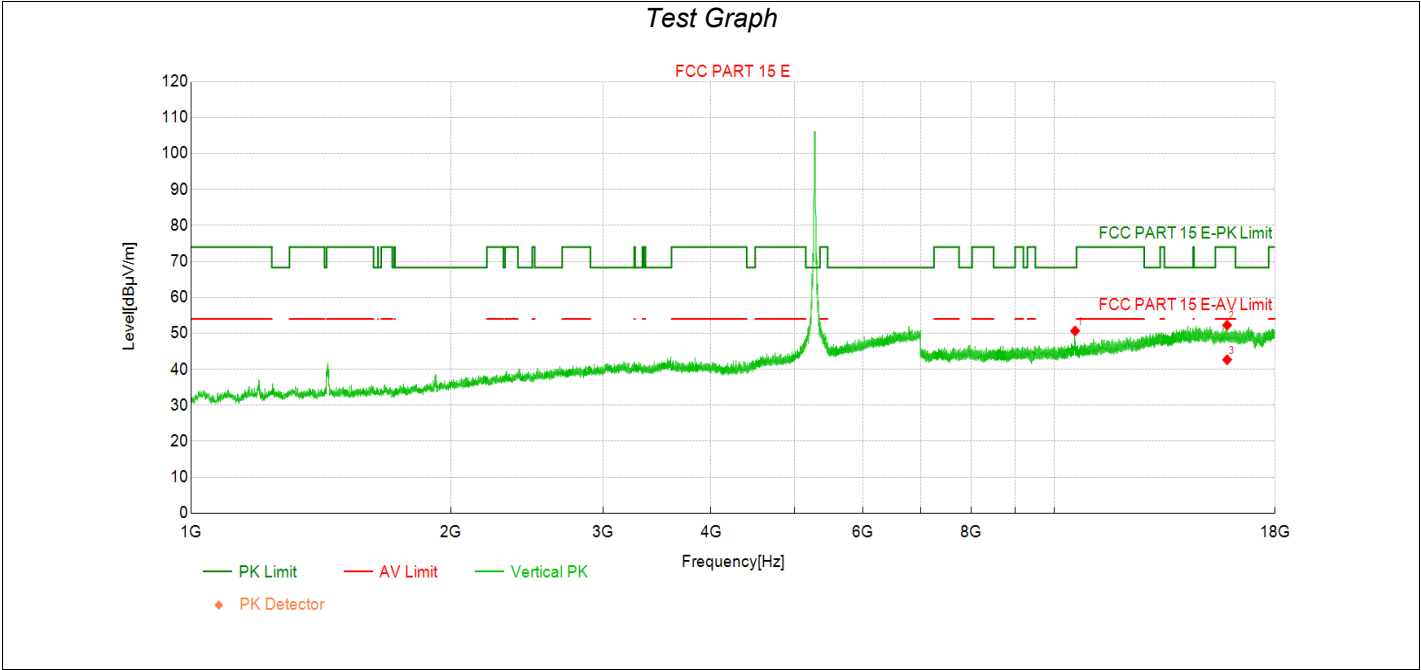
Transmit at 5280MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10570.42	51.1	54.05	2.960	68.30	14.25	PK	Horizo	PASS
2	15836.21	44.3	54.86	10.530	74.00	19.14	PK	Horizo	PASS
3	15838.50	33.9	44.39	10.540	54.00	9.61	AV	Horizo	PASS

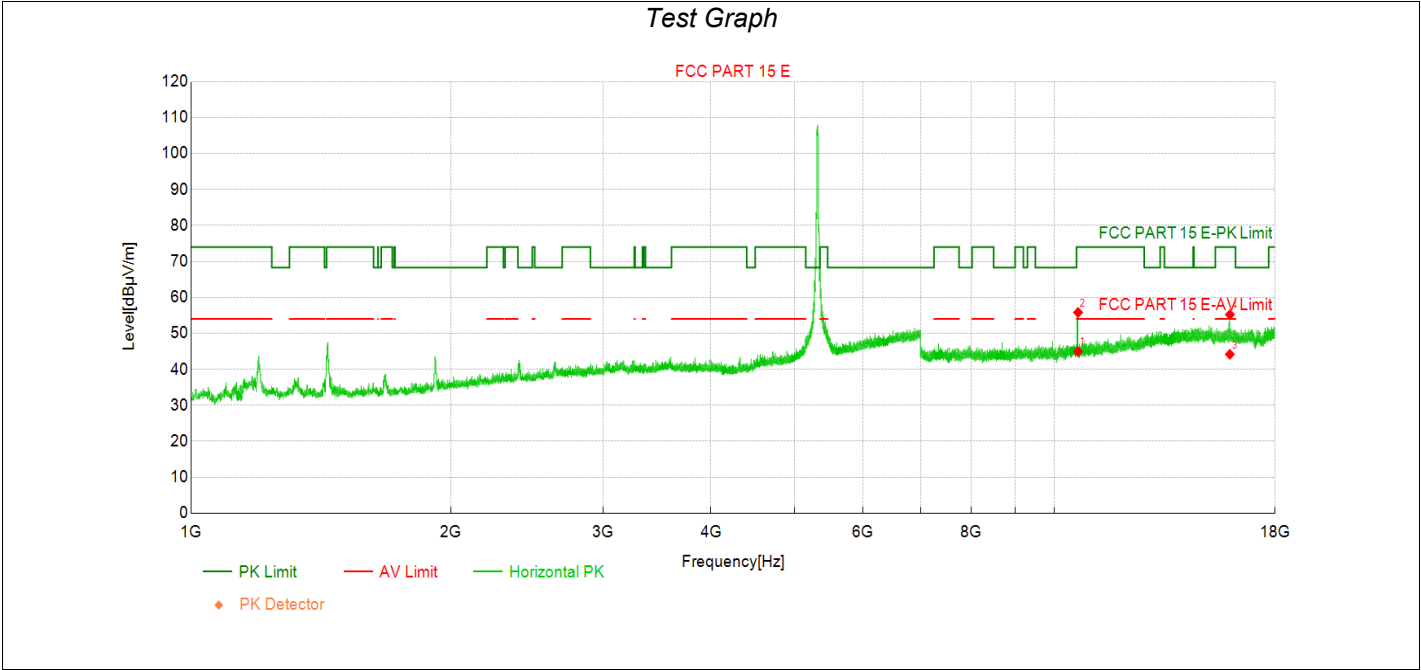
Transmit at 5280MHz by 802.11a with Ant2



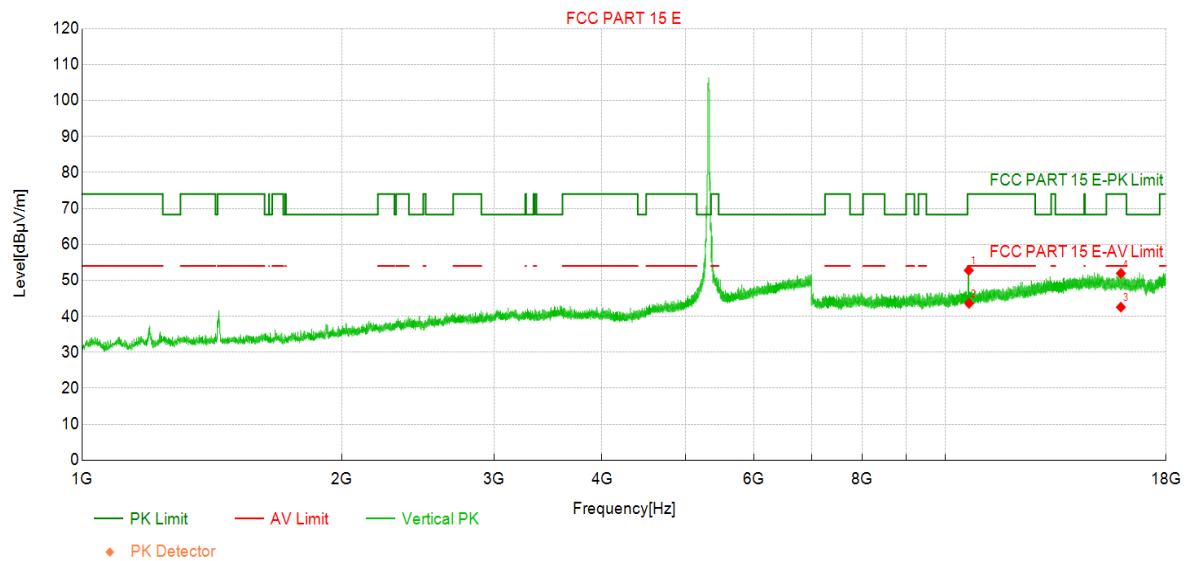
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10561.71	47.7	50.67	2.980	68.30	17.63	PK	Vertic	PASS
2	15840.33	41.7	52.29	10.550	74.00	21.71	PK	Vertic	PASS
3	15841.25	32.1	42.67	10.550	54.00	11.33	AV	Vertic	PASS

Transmit at 5320MHz by 802.11a with Ant2

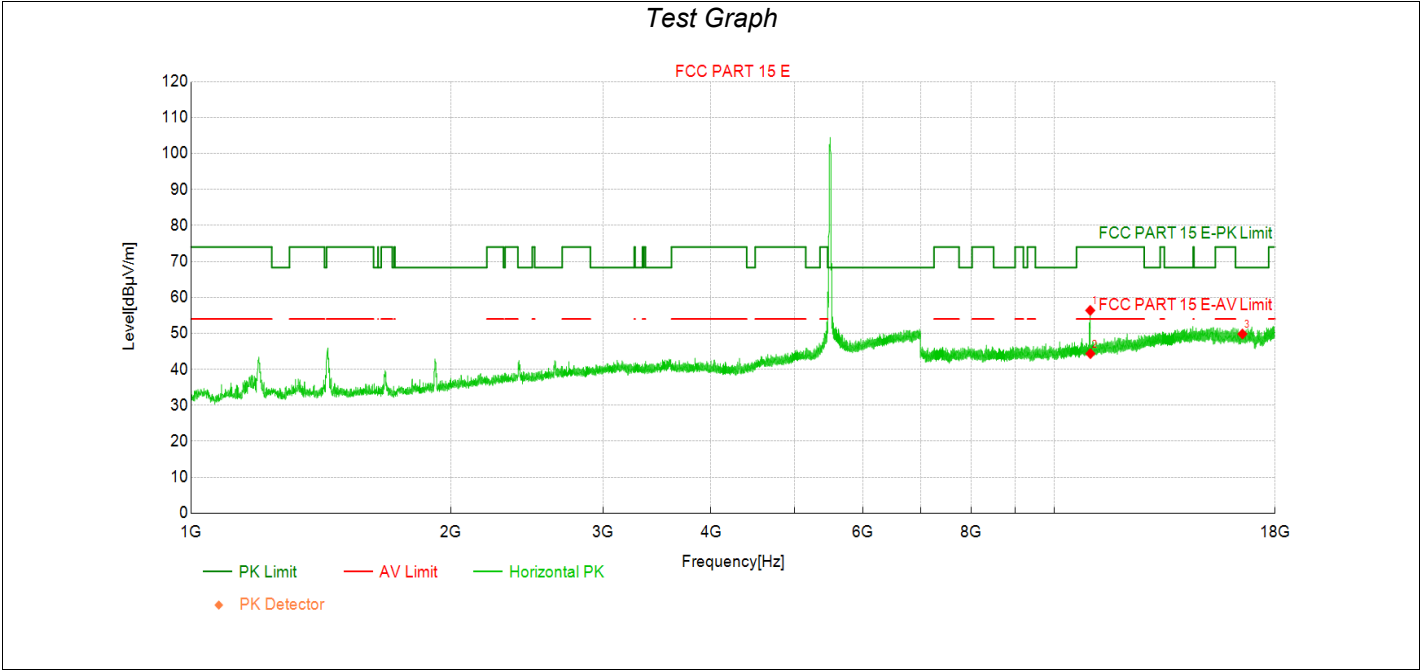


Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640.54	41.8	44.96	3.130	54.00	9.04	AV	Horizo	PASS
2	10645.58	52.7	55.81	3.160	74.00	18.19	PK	Horizo	PASS
3	15956.29	33.1	44.18	11.120	54.00	9.82	AV	Horizo	PASS
4	15959.50	44.1	55.21	11.140	74.00	18.79	PK	Horizo	PASS

Transmit at 5320MHz by 802.11a with Ant2*Test Graph***Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10635.96	49.7	52.77	3.120	74.00	21.23	PK	Vertic	PASS
2	10644.21	40.5	43.60	3.150	54.00	10.40	AV	Vertic	PASS
3	15957.21	31.4	42.56	11.130	54.00	11.44	AV	Vertic	PASS
4	15958.13	40.8	51.95	11.140	74.00	22.05	PK	Vertic	PASS

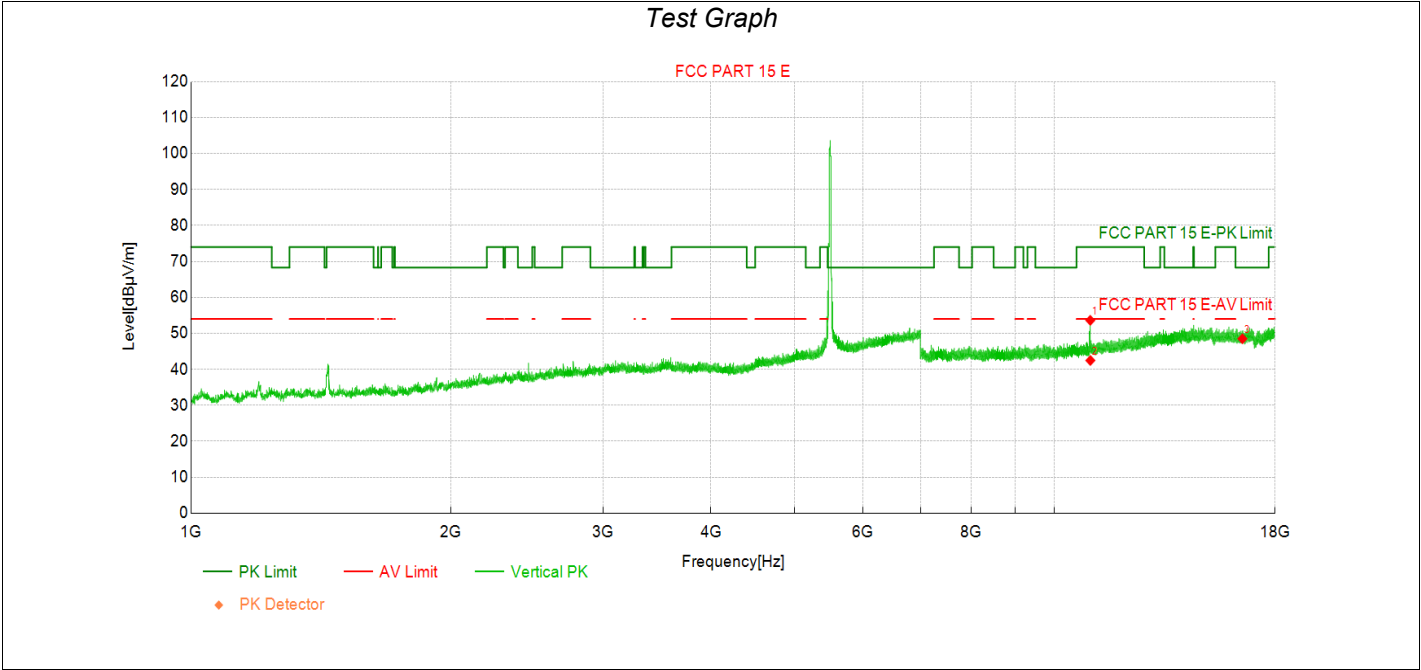
Transmit at 5500MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10996.67	52.4	56.38	4.020	74.00	17.62	PK	Horizo	PASS
2	11000.00	40.4	44.37	4.020	54.00	9.63	AV	Horizo	PASS
3	16500.00	38.8	49.84	11.010	68.30	18.46	PK	Horizo	PASS

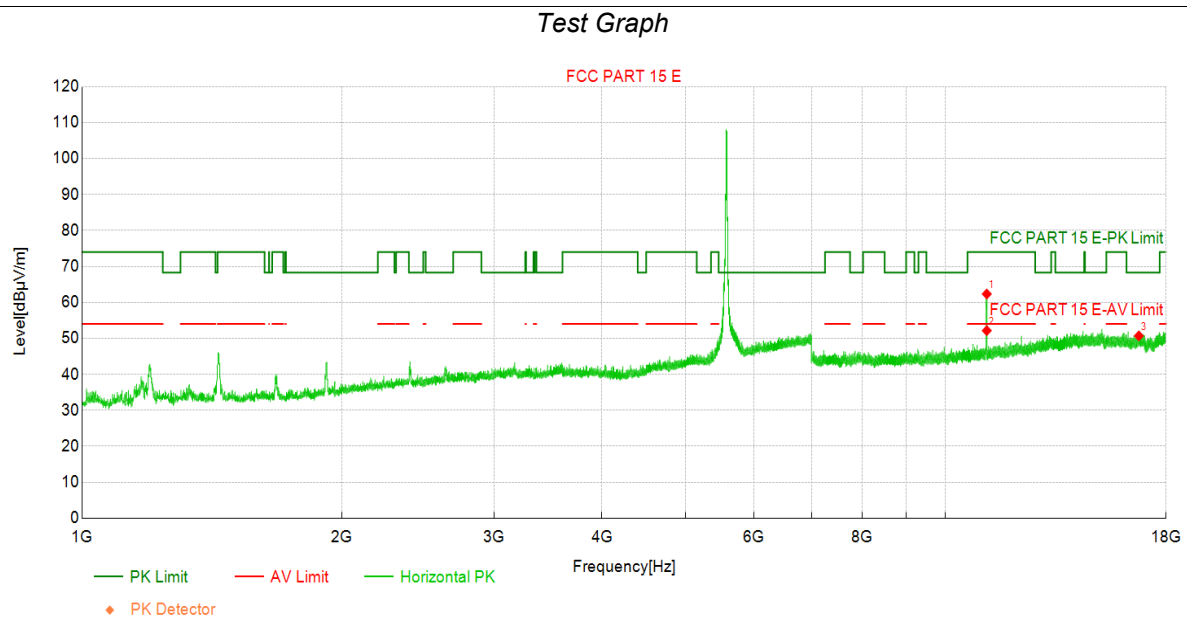
Transmit at 5500MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10997.13	49.6	53.62	4.020	74.00	20.38	PK	Vertic	PASS
2	11000.00	38.5	42.47	4.020	54.00	11.53	AV	Vertic	PASS
3	16500.00	37.5	48.50	11.010	68.30	19.80	PK	Vertic	PASS

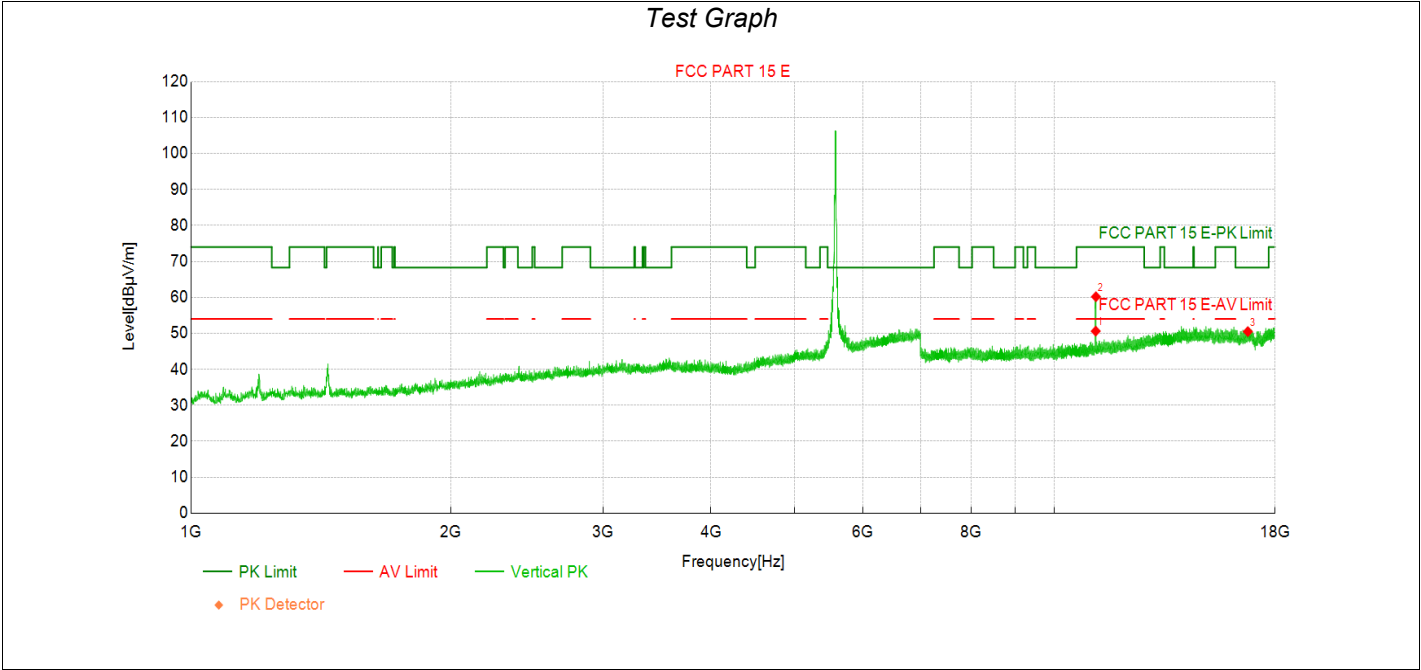
Transmit at 5580MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11159.83	57.9	62.33	4.410	74.00	11.67	PK	Horizo	PASS
2	11160.00	47.7	52.15	4.410	54.00	1.85	AV	Horizo	PASS
3	16740.00	39.4	50.69	11.310	68.30	17.61	PK	Horizo	PASS

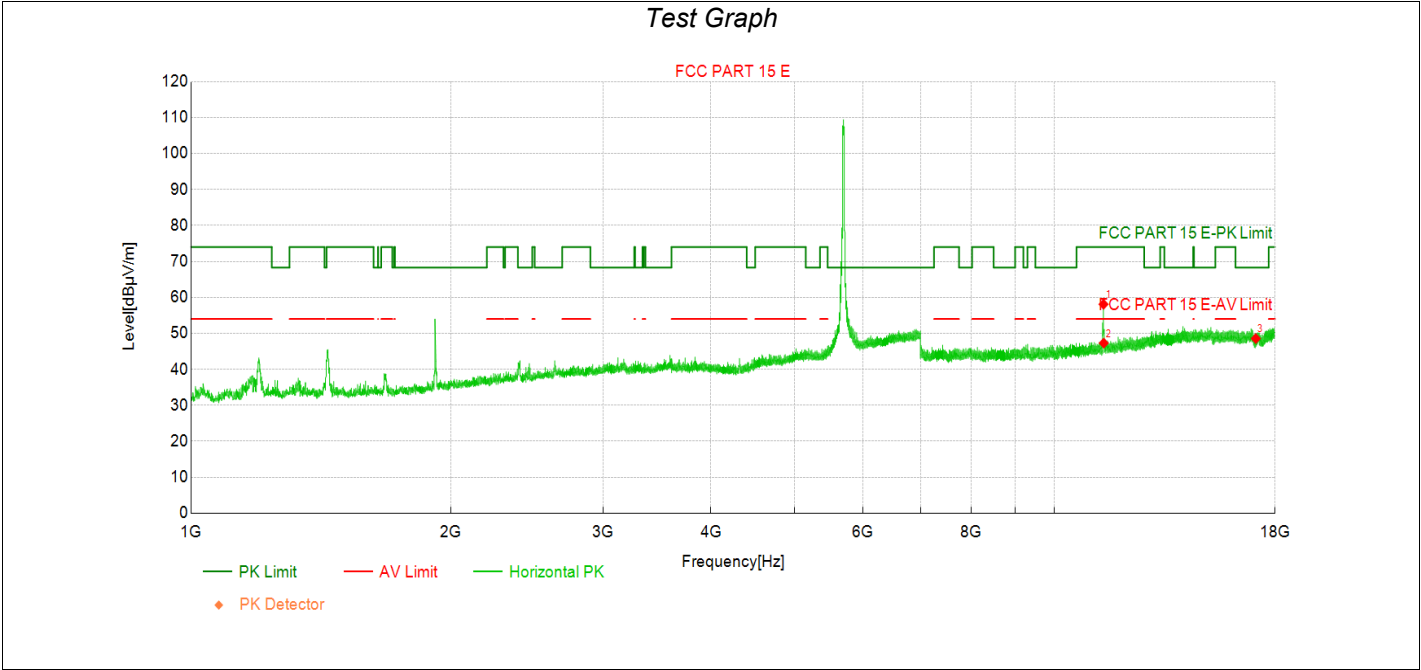
Transmit at 5580MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11158.46	46.2	50.62	4.420	54.00	3.38	AV	Vertic	PASS
2	11165.33	55.8	60.19	4.410	74.00	13.81	PK	Vertic	PASS
3	16740.00	39.2	50.49	11.310	68.30	17.81	PK	Vertic	PASS

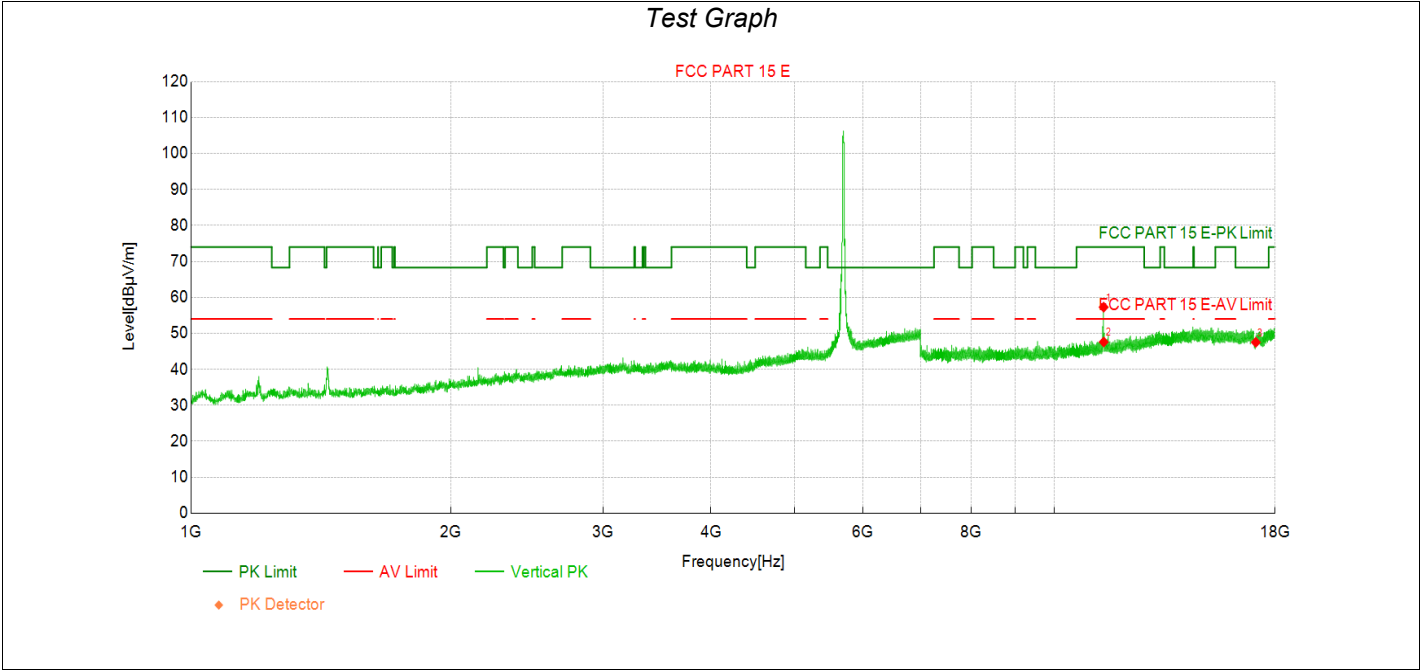
Transmit at 5700MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11394.04	53.2	58.09	4.930	74.00	15.91	PK	Horizo	PASS
2	11400.00	42.3	47.29	4.950	54.00	6.71	AV	Horizo	PASS
3	17100.00	38.0	48.56	10.560	68.30	19.74	PK	Horizo	PASS

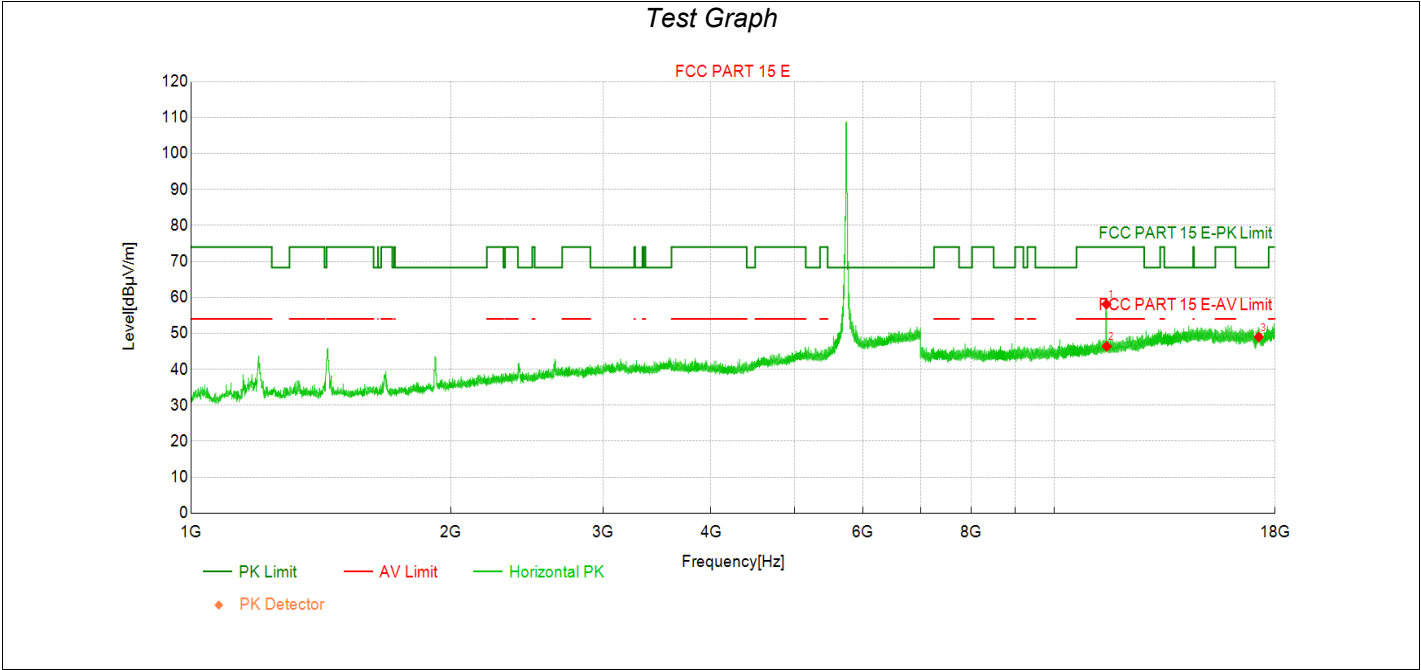
Transmit at 5700MHz by 802.11a with Ant2



Data List

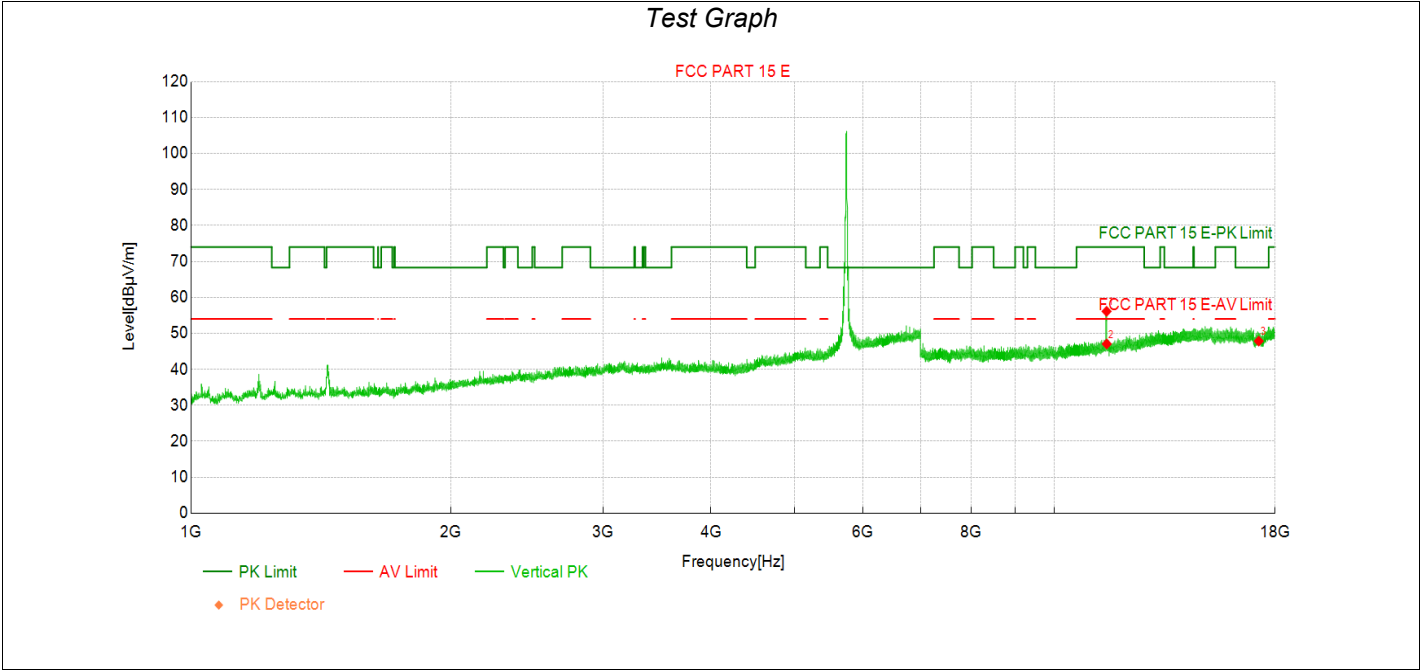
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11396.79	52.3	57.28	4.940	74.00	16.72	PK	Vertic	PASS
2	11399.54	42.7	47.60	4.950	54.00	6.40	AV	Vertic	PASS
3	17100.00	37.0	47.52	10.560	68.30	20.78	PK	Vertic	PASS

Transmit at 5745MHz by 802.11a with Ant2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11482.04	53.0	58.10	5.060	74.00	15.90	PK	Horizo	PASS
2	11490.00	41.3	46.39	5.070	54.00	7.61	AV	Horizo	PASS
3	17235.00	37.8	48.98	11.180	68.30	19.32	PK	Horizo	PASS

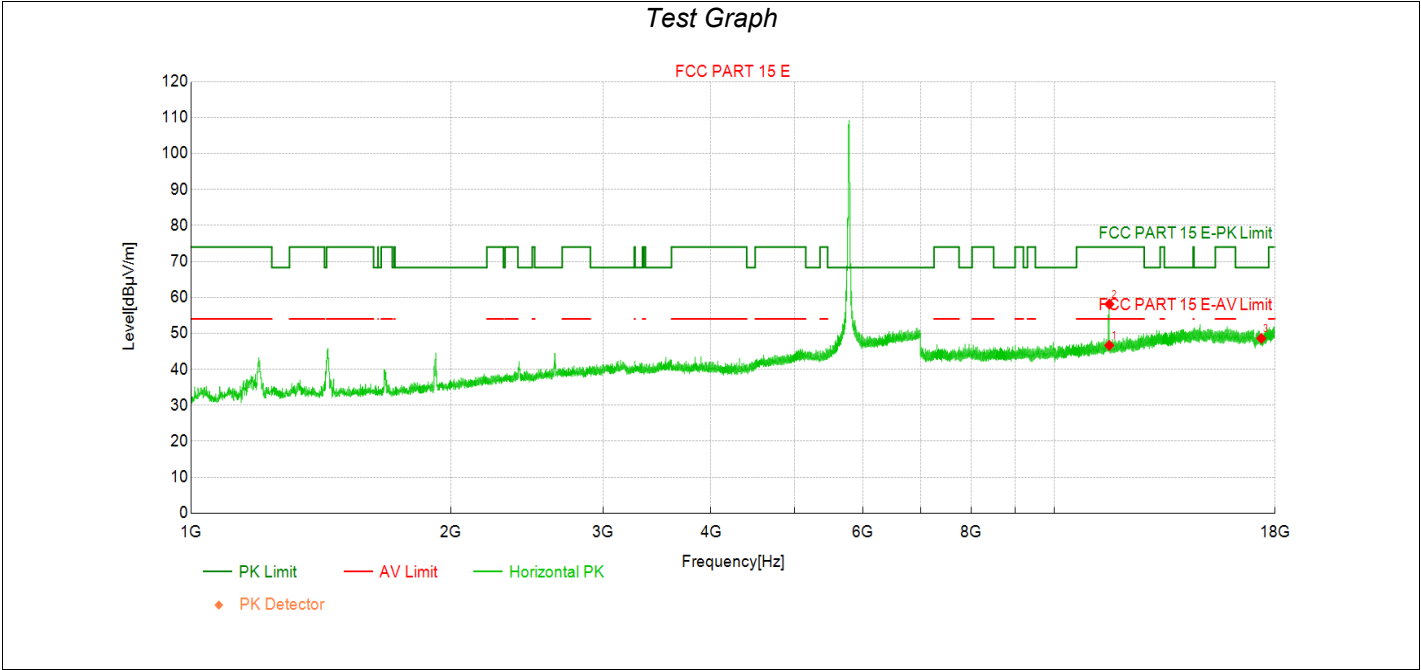
Transmit at 5745MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11486.17	51.1	56.11	5.060	74.00	17.89	PK	Vertic	PASS
2	11490.75	42.0	47.06	5.070	54.00	6.94	AV	Vertic	PASS
3	17235.00	36.7	47.85	11.180	68.30	20.45	PK	Vertic	PASS

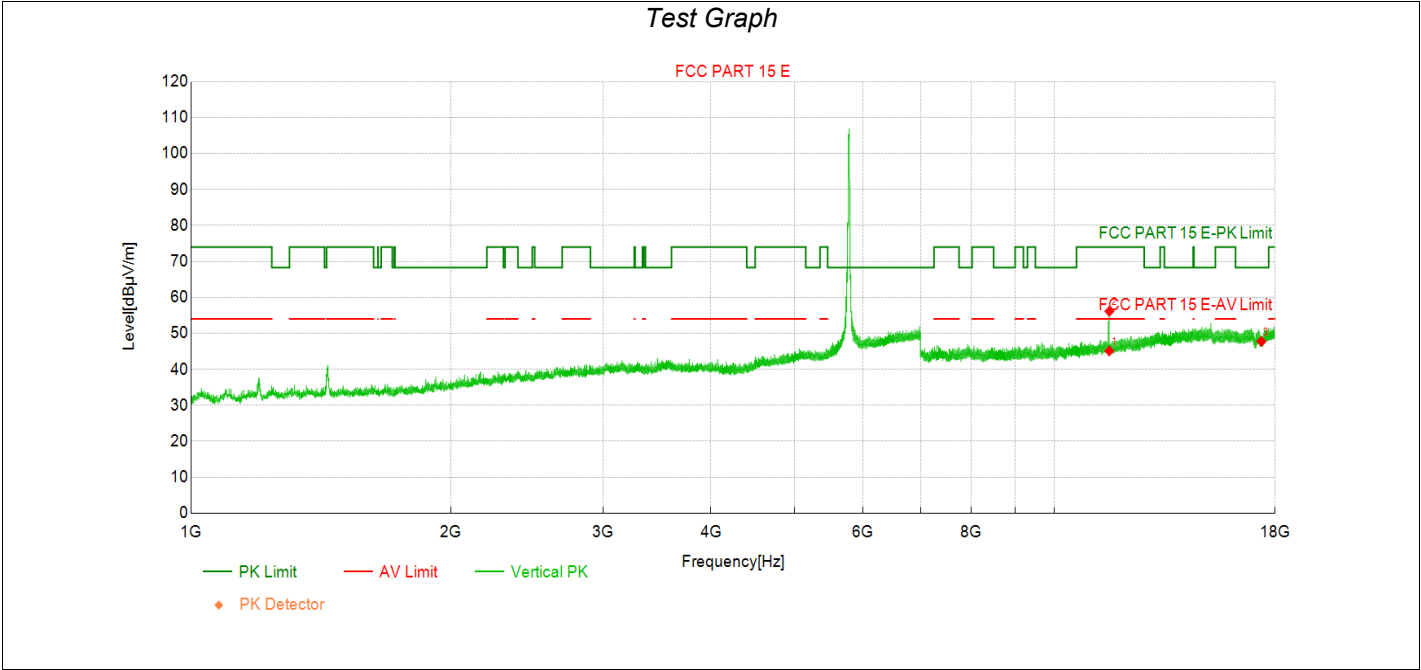
Transmit at 5785MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570.00	41.8	46.66	4.870	54.00	7.34	AV	Horizo	PASS
2	11570.96	53.3	58.12	4.870	74.00	15.88	PK	Horizo	PASS
3	17355.00	37.9	48.60	10.740	68.30	19.70	PK	Horizo	PASS

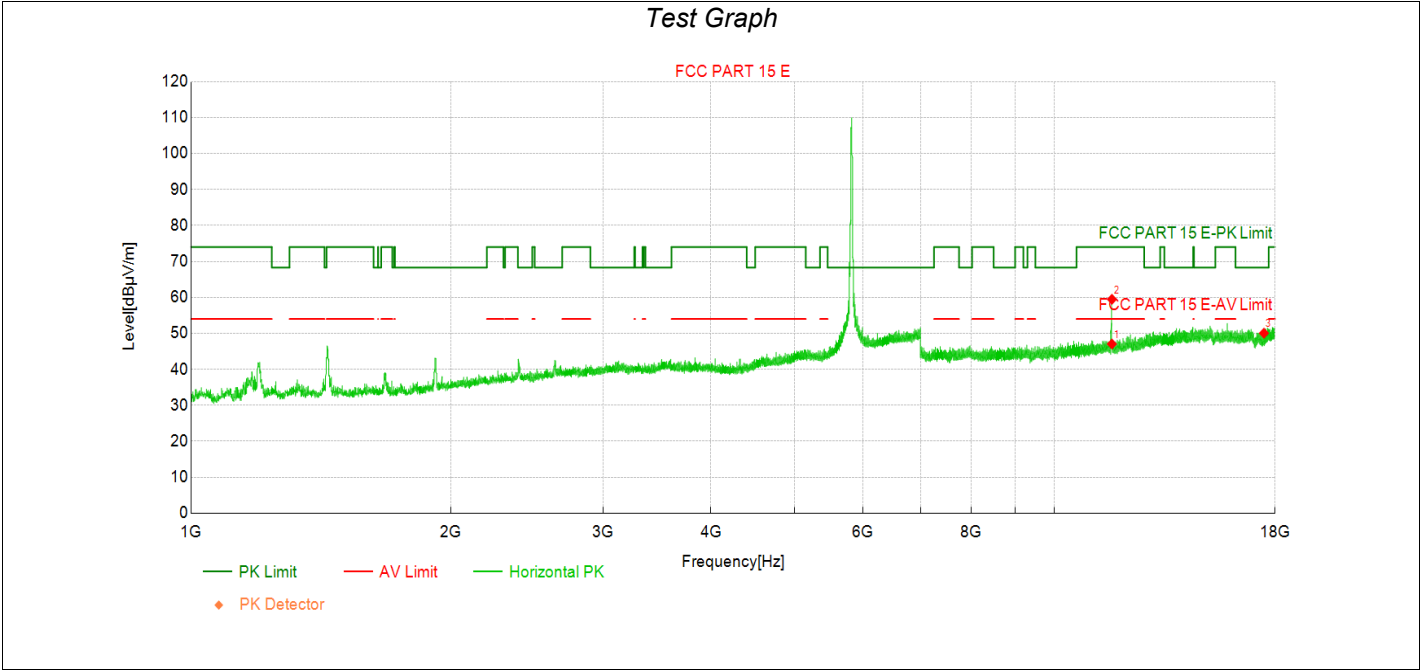
Transmit at 5785MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570.00	40.2	45.11	4.870	54.00	8.89	AV	Vertic	PASS
2	11571.42	51.3	56.14	4.870	74.00	17.86	PK	Vertic	PASS
3	17355.00	37.0	47.77	10.740	68.30	20.53	PK	Vertic	PASS

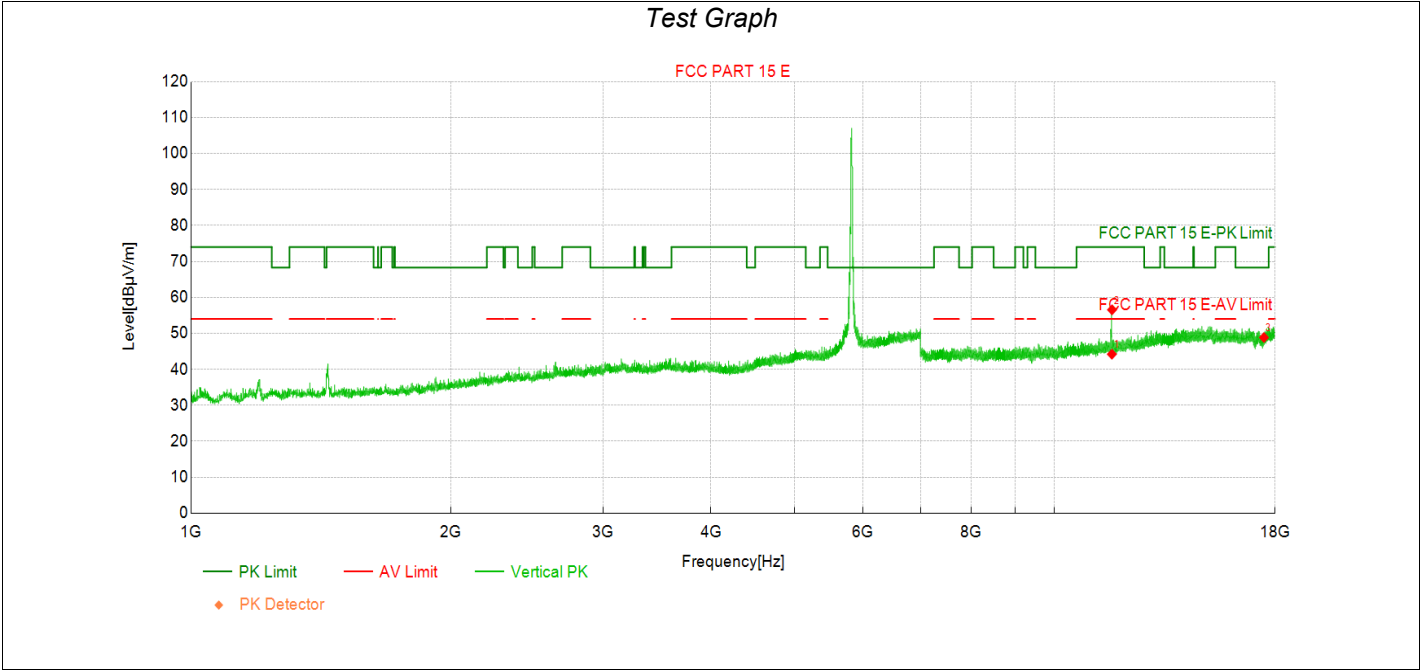
Transmit at 5825MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650.00	42.0	47.05	5.040	54.00	6.95	AV	Horizo	PASS
2	11651.17	54.4	59.47	5.050	74.00	14.53	PK	Horizo	PASS
3	17475.00	38.9	50.04	11.180	68.30	18.26	PK	Horizo	PASS

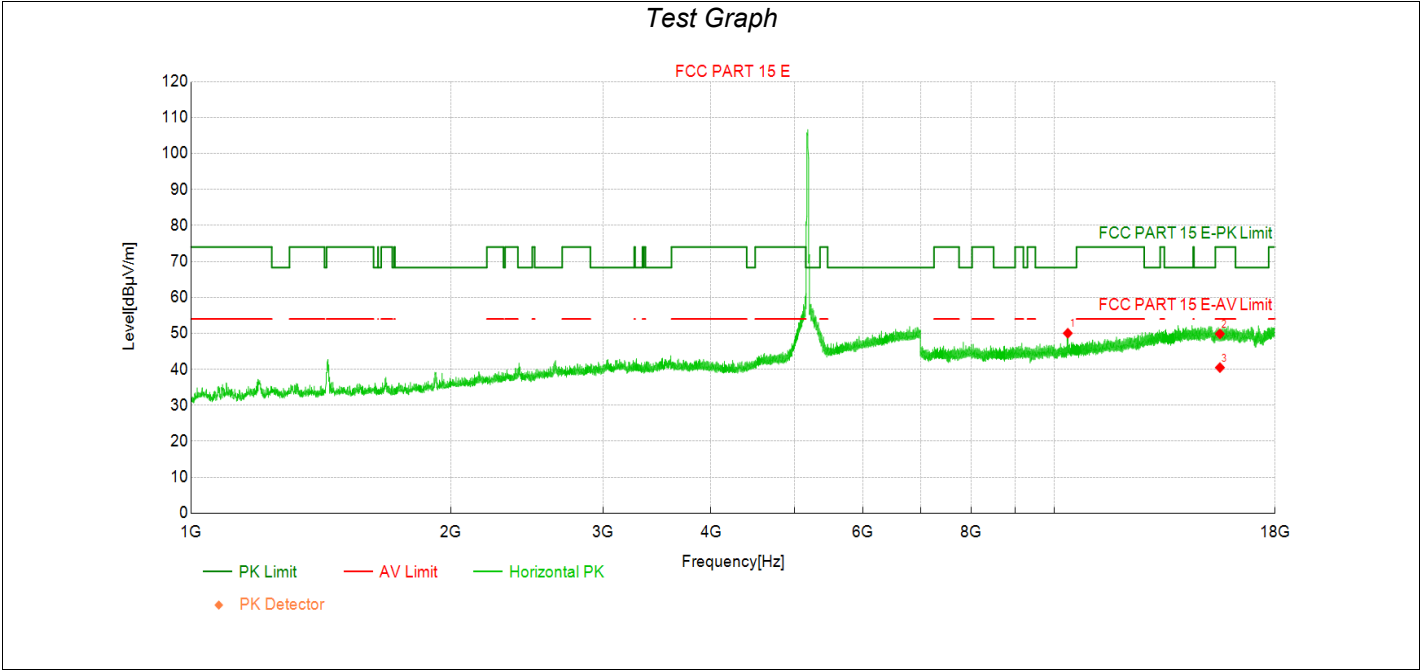
Transmit at 5825MHz by 802.11a with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650.00	39.2	44.21	5.040	54.00	9.79	AV	Vertic	PASS
2	11654.83	51.5	56.55	5.070	74.00	17.45	PK	Vertic	PASS
3	17475.00	37.7	48.85	11.180	68.30	19.45	PK	Vertic	PASS

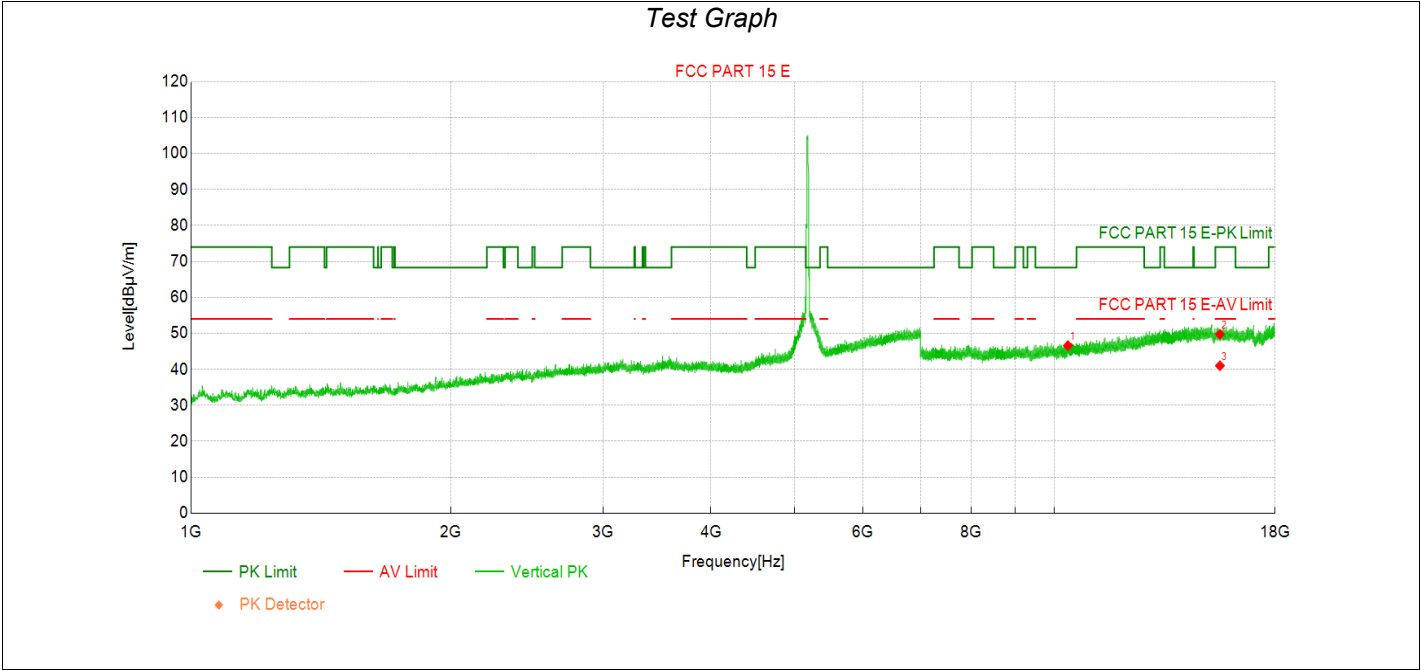
Transmit at 5180MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10357.75	47.3	50.03	2.760	68.30	18.27	PK	Horizo	PASS
2	15540.00	39.1	49.87	10.800	74.00	24.13	PK	Horizo	PASS
3	15540.00	29.7	40.49	10.800	54.00	13.51	AV	Horizo	PASS

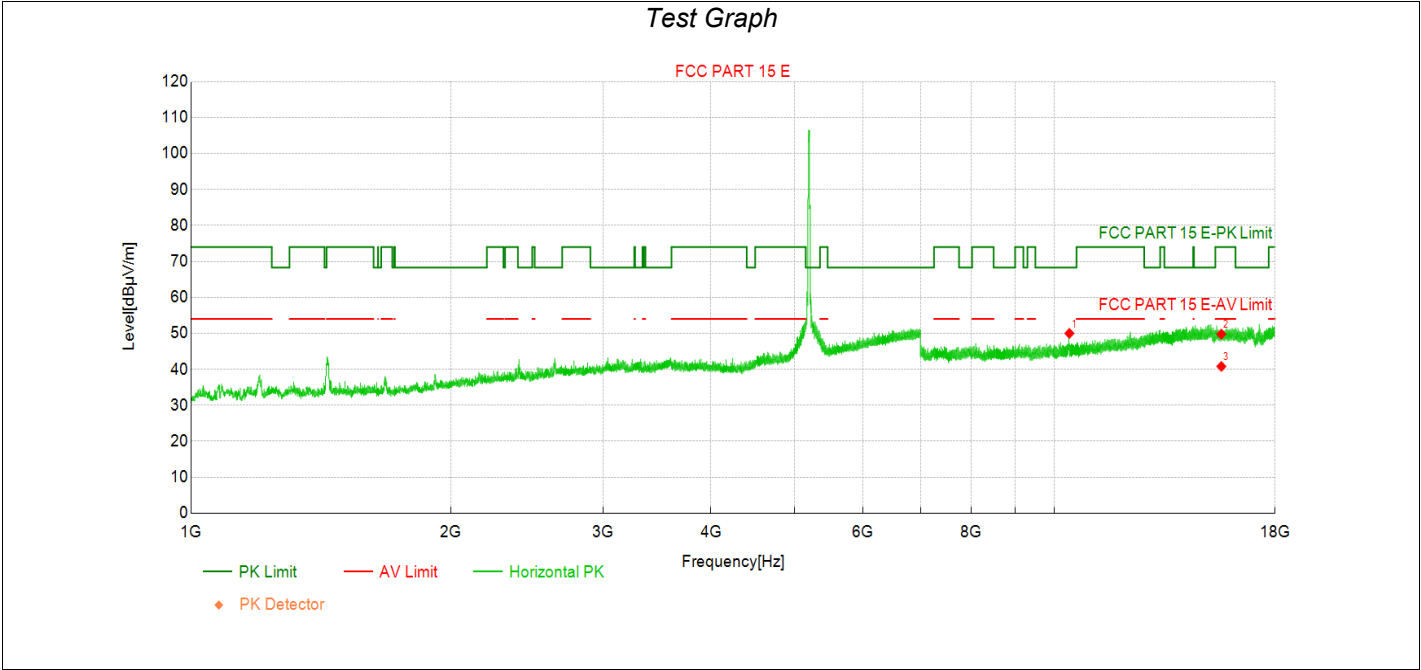
Transmit at 5180MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360.00	43.8	46.59	2.760	68.30	21.71	PK	Vertic	PASS
2	15540.00	38.9	49.74	10.800	74.00	24.26	PK	Vertic	PASS
3	15540.00	30.2	41.01	10.800	54.00	12.99	AV	Vertic	PASS

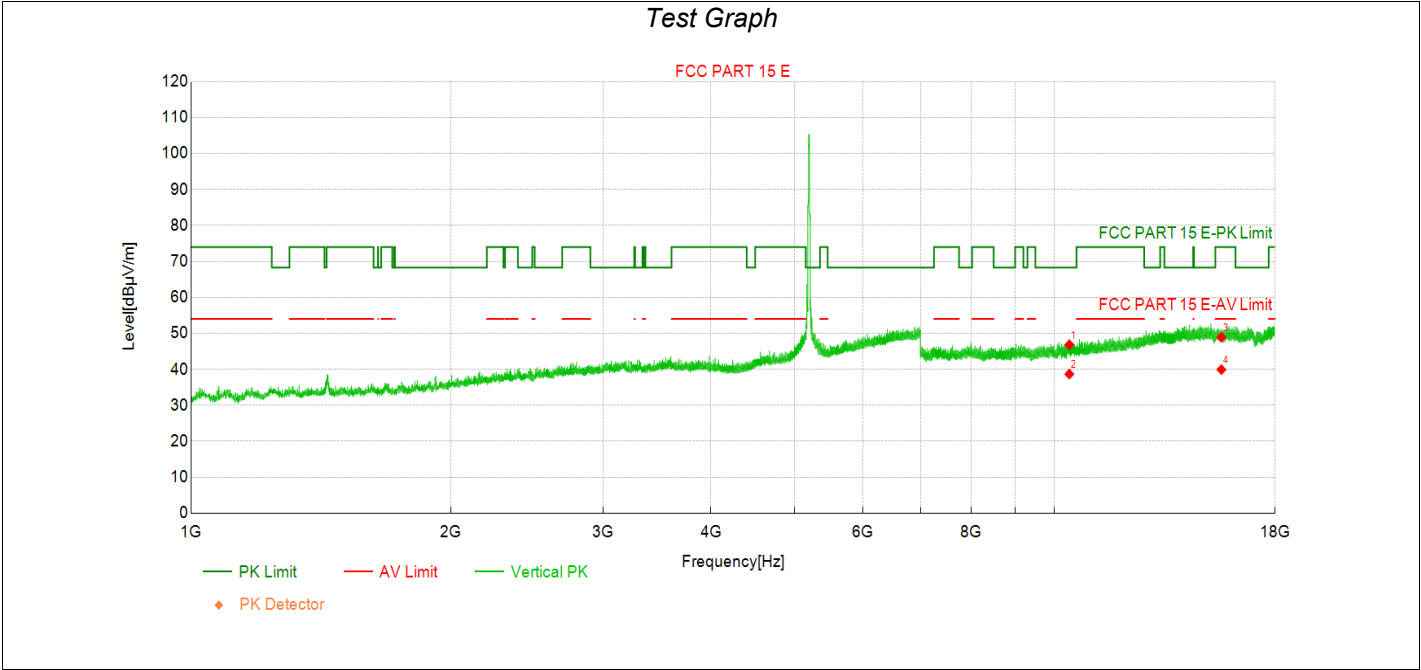
Transmit at 5200MHz by 802.11n(20MHz) with Ant1+2



Data List

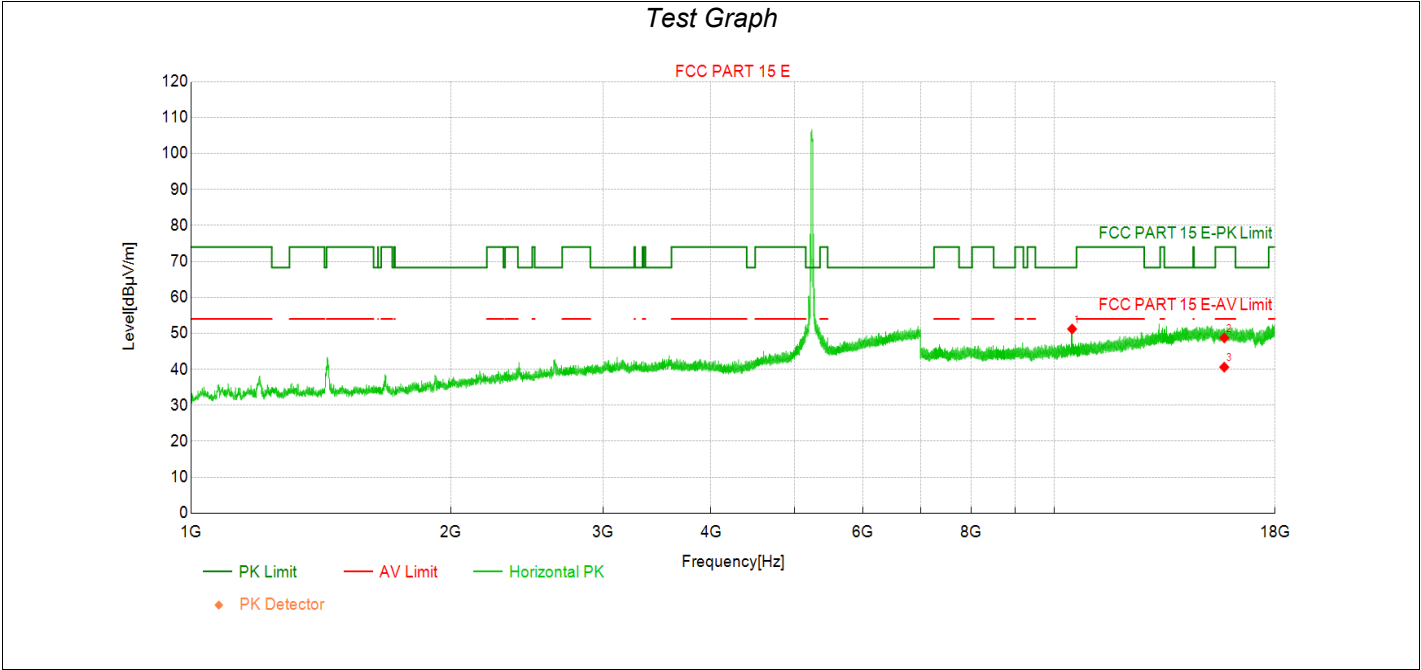
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.38	47.2	50.00	2.760	68.30	18.30	PK	Horizo	PASS
2	15600.00	39.1	49.79	10.740	74.00	24.21	PK	Horizo	PASS
3	15600.00	30.1	40.81	10.740	54.00	13.19	AV	Horizo	PASS

Transmit at 5200MHz by 802.11n(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.00	44.1	46.85	2.760	68.30	21.45	PK	Vertic	PASS
2	10400.00	35.9	38.68	2.760	-	-	AV	Vertic	NA
3	15600.00	38.2	48.93	10.740	74.00	25.07	PK	Vertic	PASS
4	15600.00	29.2	39.93	10.740	54.00	14.07	AV	Vertic	PASS

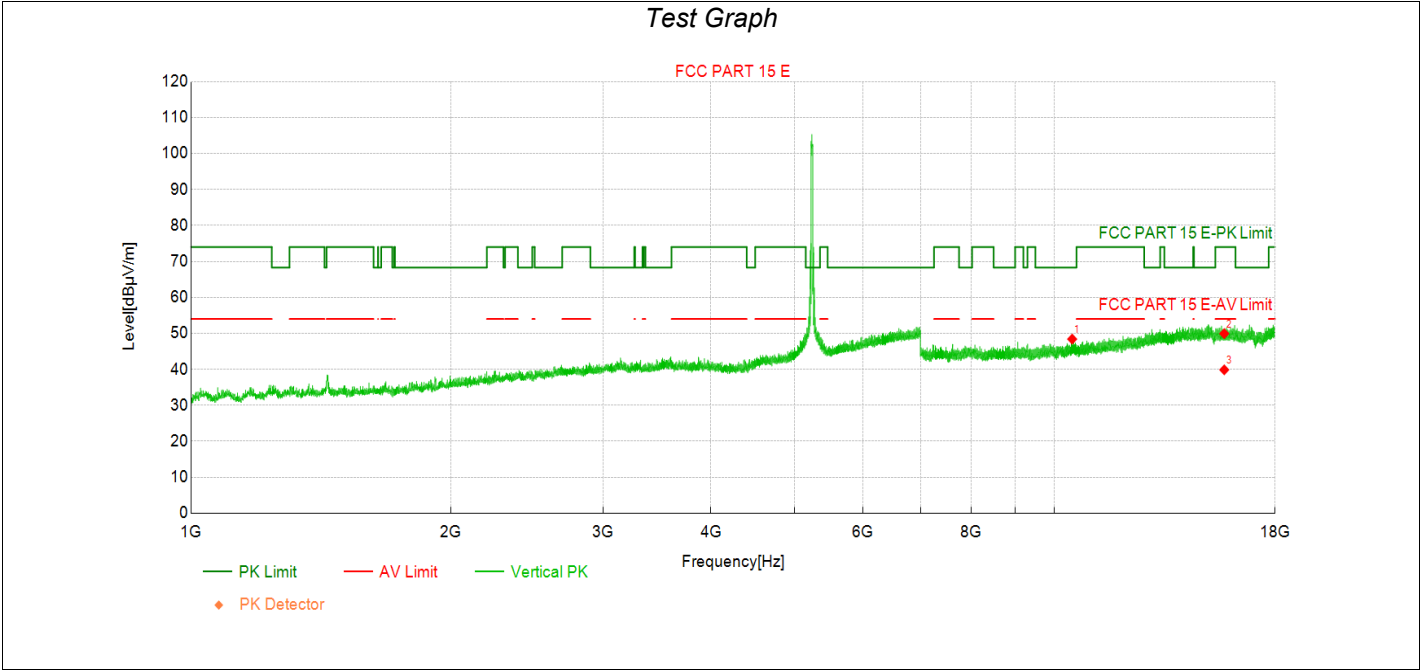
Transmit at 5240MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10477.83	48.3	51.22	2.930	68.30	17.08	PK	Horizo	PASS
2	15720.00	38.1	48.73	10.630	74.00	25.27	PK	Horizo	PASS
3	15720.00	30.0	40.61	10.630	54.00	13.39	AV	Horizo	PASS

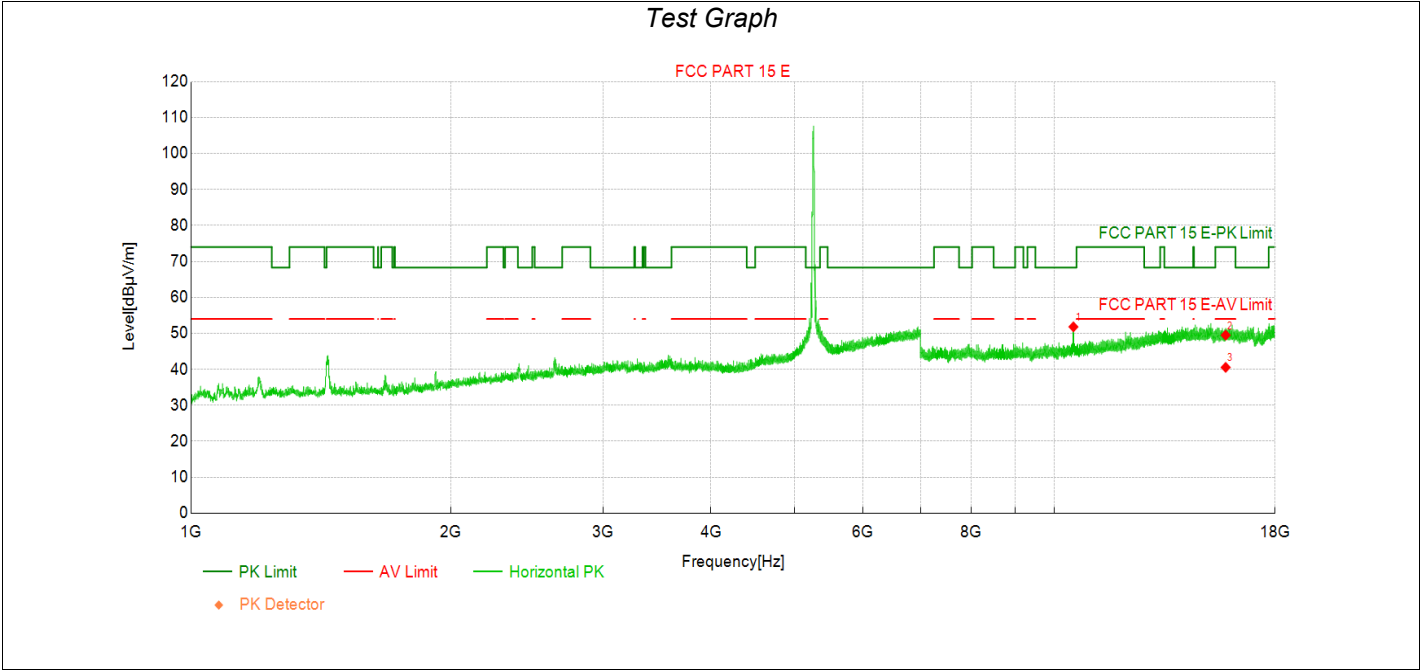
Transmit at 5240MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480.00	45.5	48.41	2.940	68.30	19.89	PK	Vertic	PASS
2	15720.00	39.3	49.93	10.630	74.00	24.07	PK	Vertic	PASS
3	15720.00	29.2	39.86	10.630	54.00	14.14	AV	Vertic	PASS

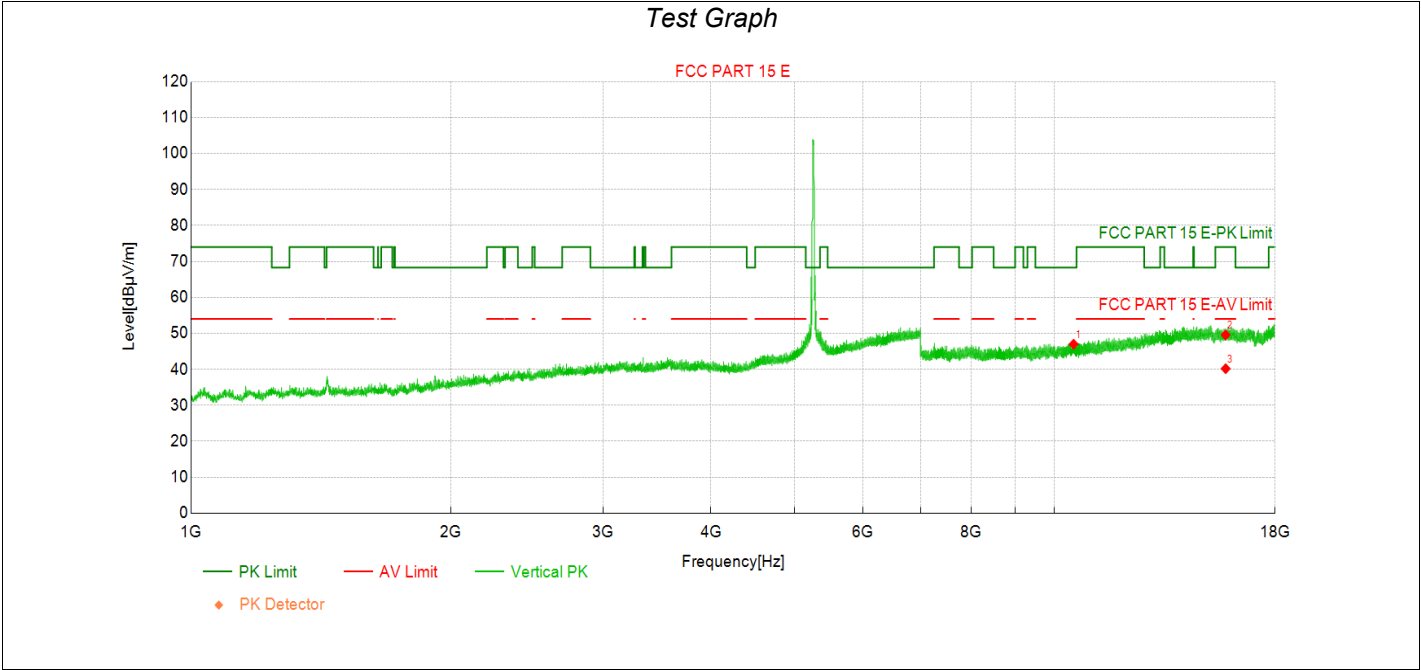
Transmit at 5260MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10514.04	48.8	51.81	2.980	68.30	16.49	PK	Horizo	PASS
2	15780.00	39.0	49.50	10.480	74.00	24.50	PK	Horizo	PASS
3	15780.00	30.1	40.55	10.480	54.00	13.45	AV	Horizo	PASS

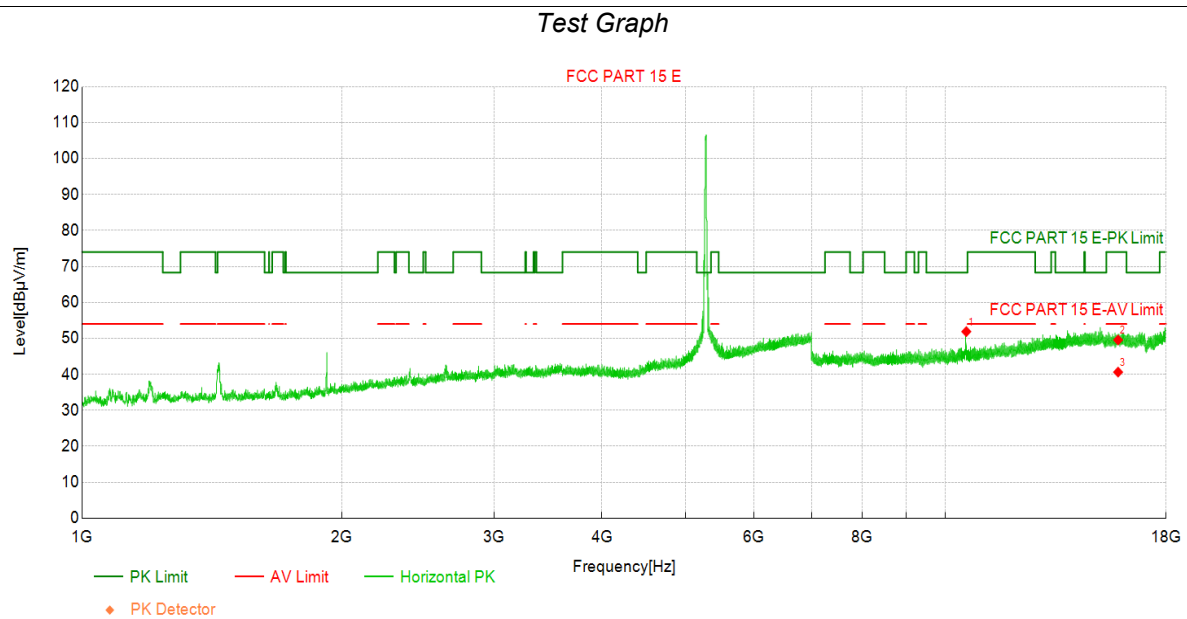
Transmit at 5260MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520.00	44.0	46.98	2.980	68.30	21.32	PK	Vertic	PASS
2	15780.00	39.1	49.56	10.480	74.00	24.44	PK	Vertic	PASS
3	15780.00	29.7	40.19	10.480	54.00	13.81	AV	Vertic	PASS

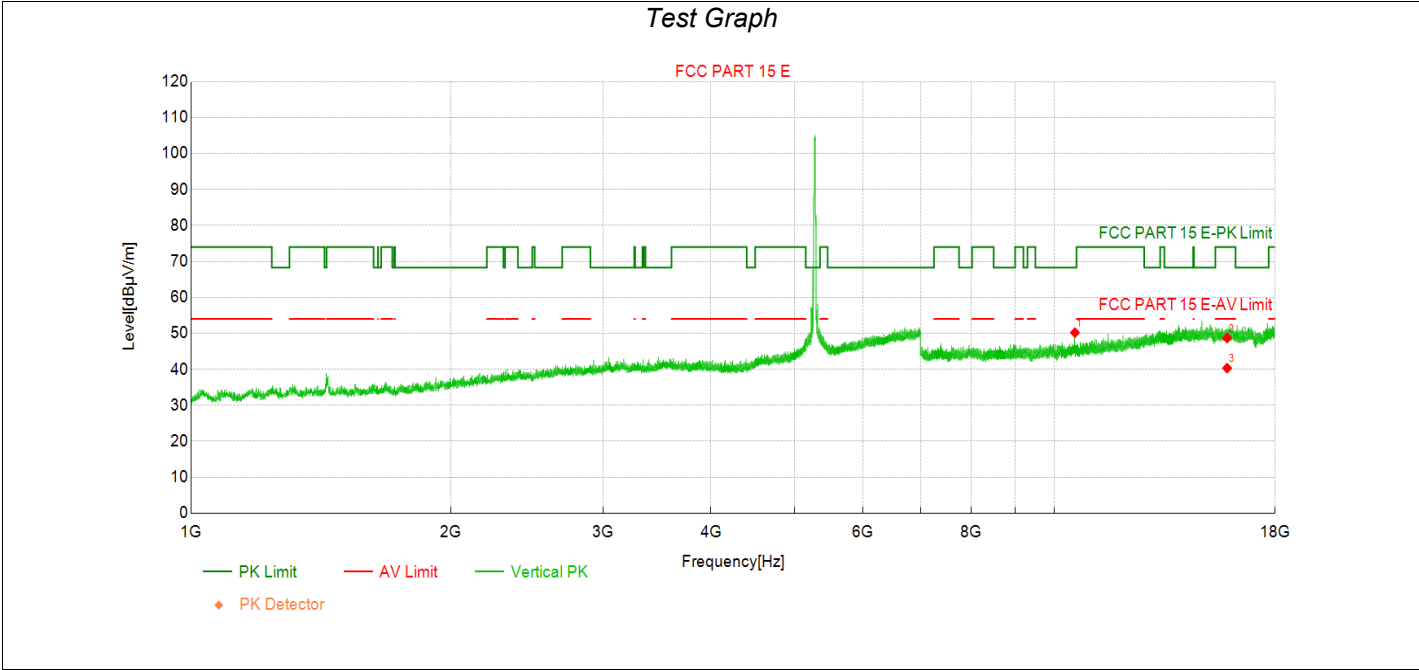
Transmit at 5280MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10567.21	48.9	51.88	2.960	68.30	16.42	PK	Horizo	PASS
2	15840.00	39.0	49.54	10.550	74.00	24.46	PK	Horizo	PASS
3	15840.00	30.1	40.62	10.550	54.00	13.38	AV	Horizo	PASS

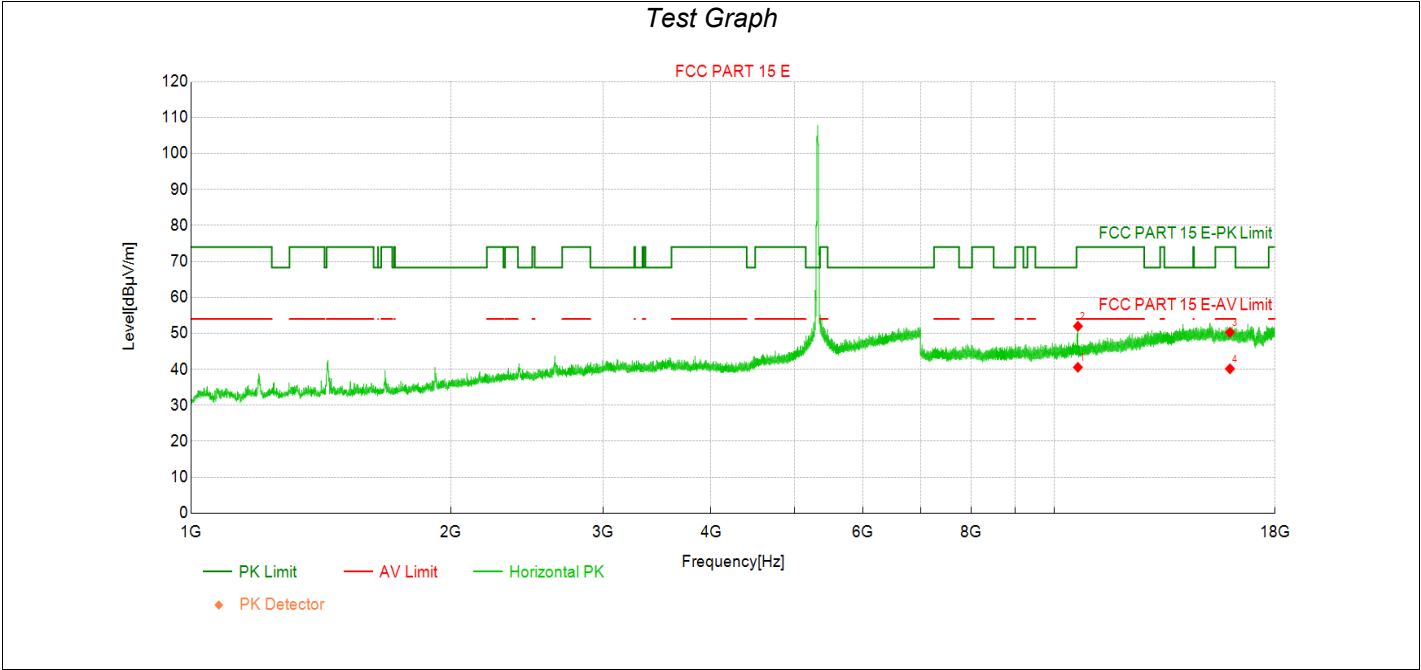
Transmit at 5280MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10556.21	47.2	50.20	2.980	68.30	18.10	PK	Vertic	PASS
2	15840.00	38.2	48.71	10.550	74.00	25.29	PK	Vertic	PASS
3	15840.00	29.8	40.34	10.550	54.00	13.66	AV	Vertic	PASS

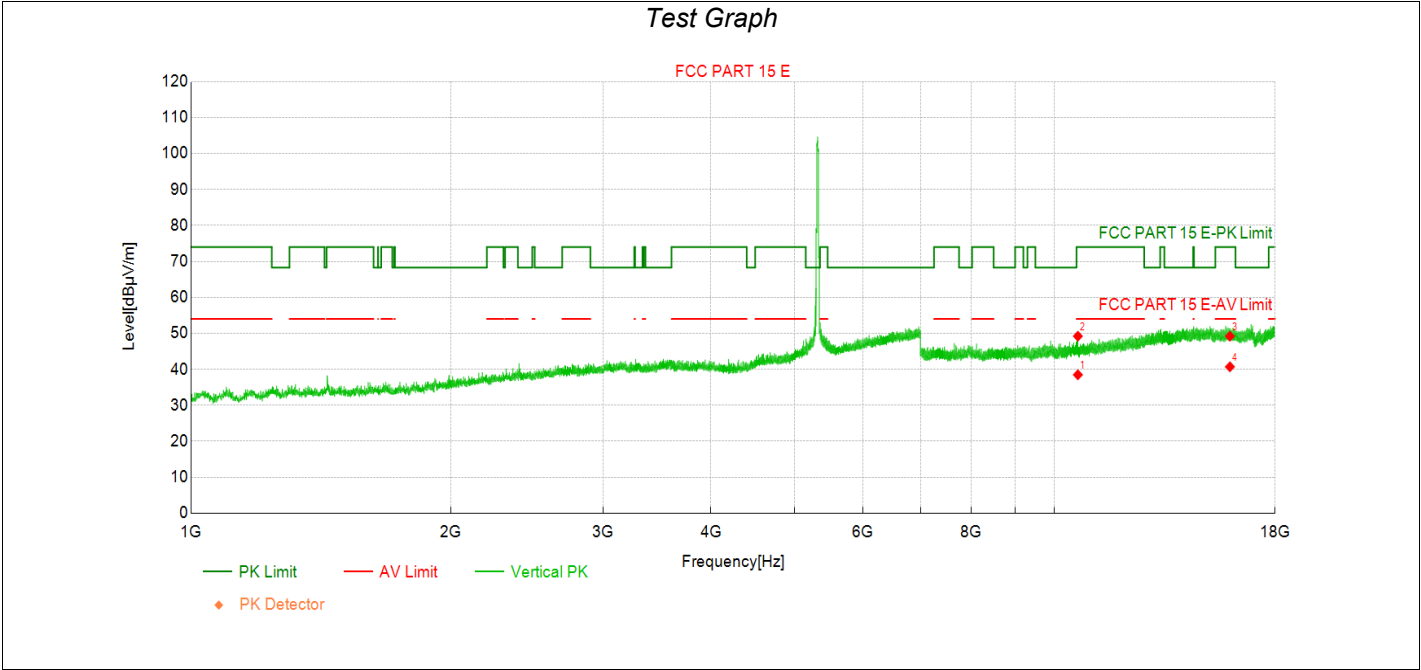
Transmit at 5320MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640.00	37.4	40.57	3.130	54.00	13.43	AV	Horizo	PASS
2	10642.38	48.8	51.98	3.140	74.00	22.02	PK	Horizo	PASS
3	15960.00	39.2	50.30	11.150	74.00	23.70	PK	Horizo	PASS
4	15960.00	29.0	40.16	11.150	54.00	13.84	AV	Horizo	PASS

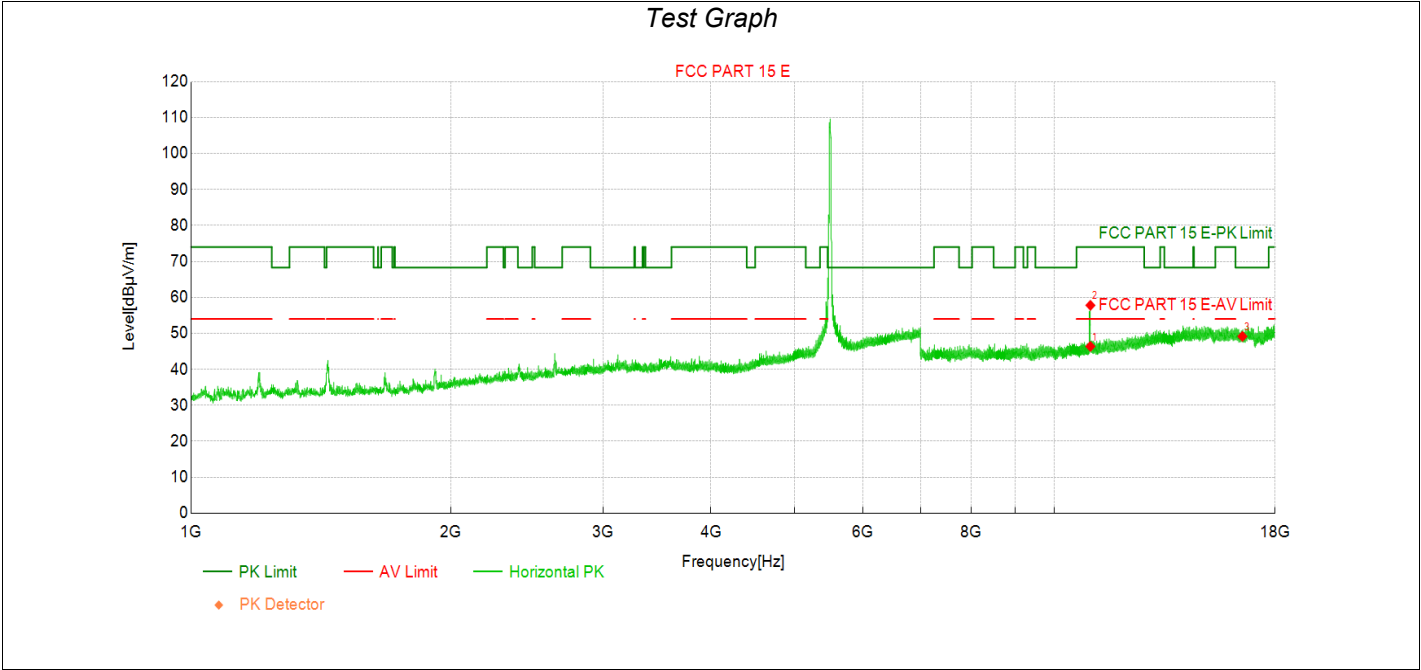
Transmit at 5320MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640.00	35.4	38.48	3.130	54.00	15.52	AV	Vertic	PASS
2	10640.08	46.1	49.22	3.130	74.00	24.78	PK	Vertic	PASS
3	15960.00	38.1	49.21	11.150	74.00	24.79	PK	Vertic	PASS
4	15960.00	29.6	40.71	11.150	54.00	13.29	AV	Vertic	PASS

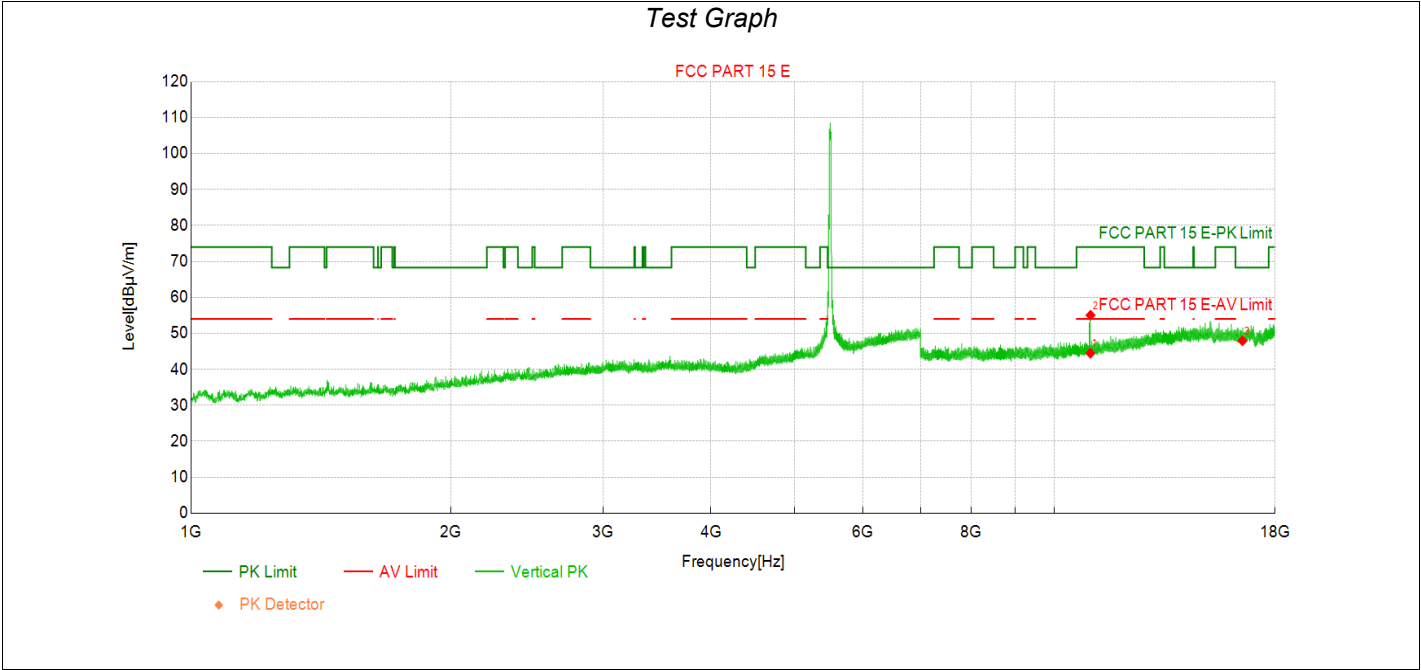
Transmit at 5500MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000.00	42.4	46.37	4.020	54.00	7.63	AV	Horizo	PASS
2	11001.71	53.8	57.79	4.020	74.00	16.21	PK	Horizo	PASS
3	16500.00	38.1	49.15	11.010	68.30	19.15	PK	Horizo	PASS

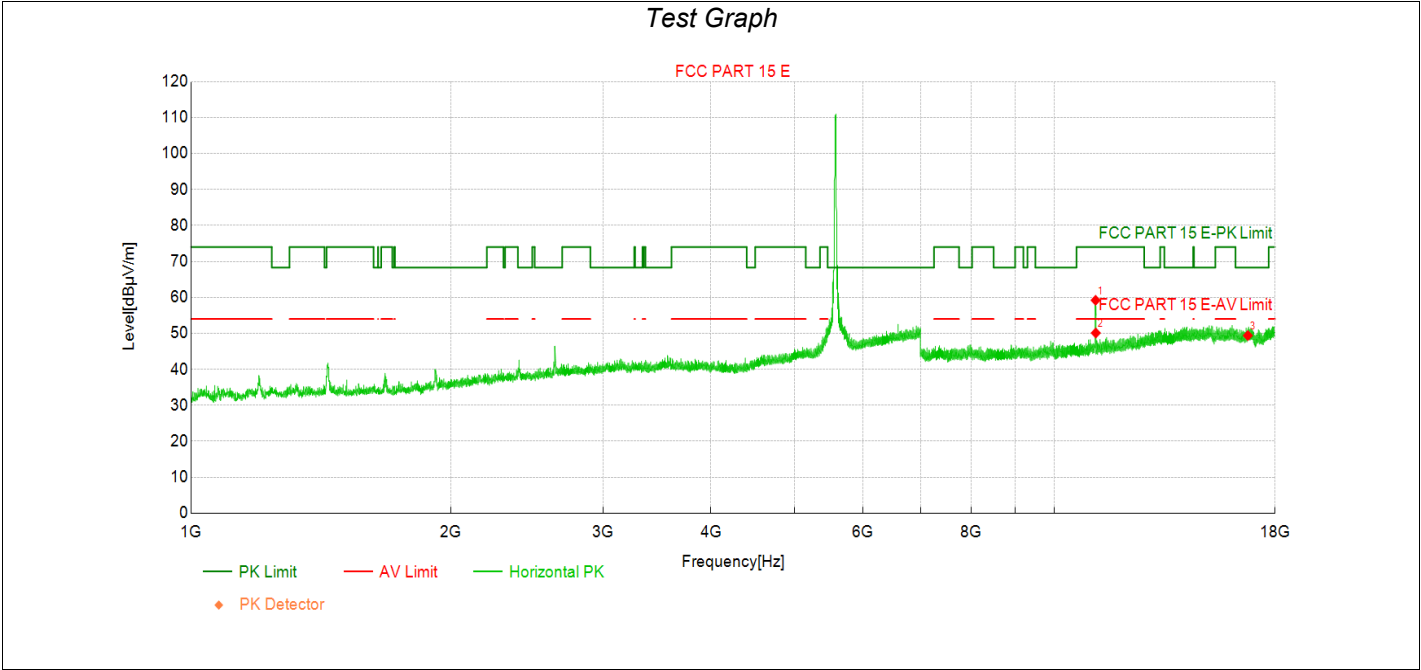
Transmit at 5500MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000.00	40.5	44.49	4.020	54.00	9.51	AV	Vertic	PASS
2	11004.46	51.0	55.05	4.040	74.00	18.95	PK	Vertic	PASS
3	16500.00	36.9	47.94	11.010	68.30	20.36	PK	Vertic	PASS

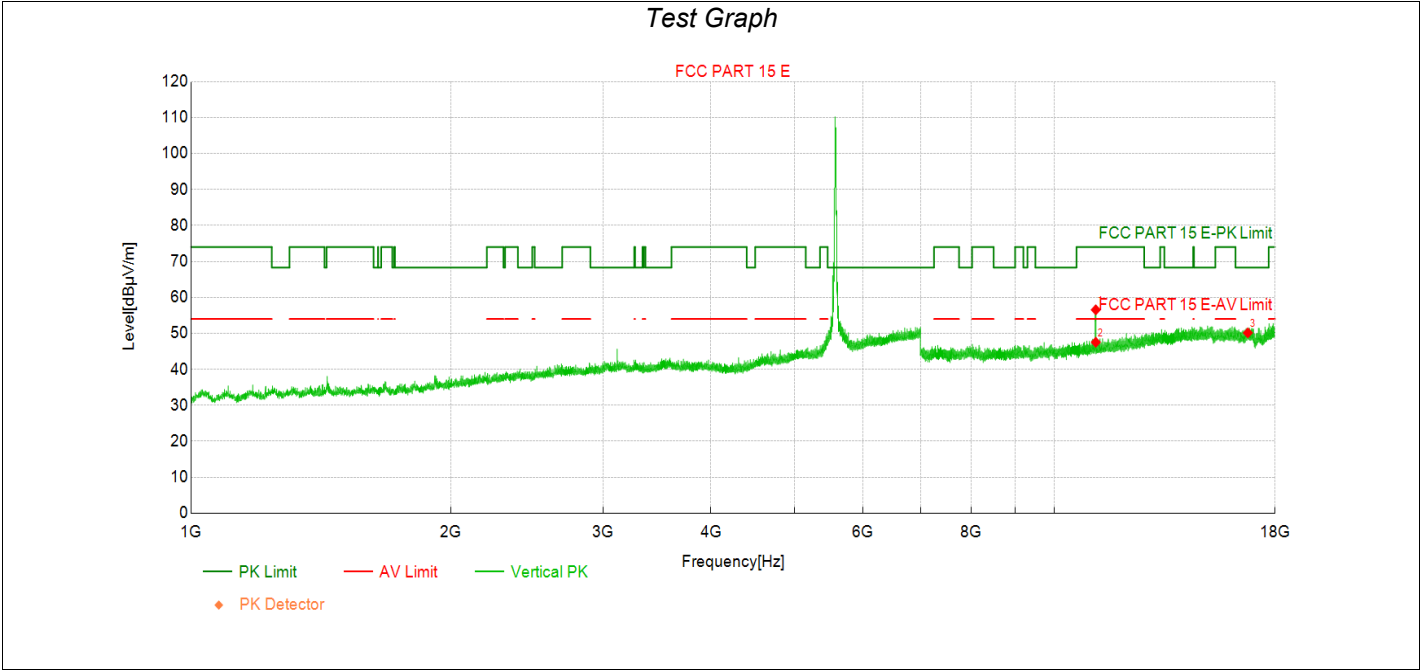
Transmit at 5580MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11154.33	54.8	59.20	4.420	74.00	14.80	PK	Horizo	PASS
2	11160.00	45.7	50.11	4.410	54.00	3.89	AV	Horizo	PASS
3	16740.00	38.1	49.39	11.310	68.30	18.91	PK	Horizo	PASS

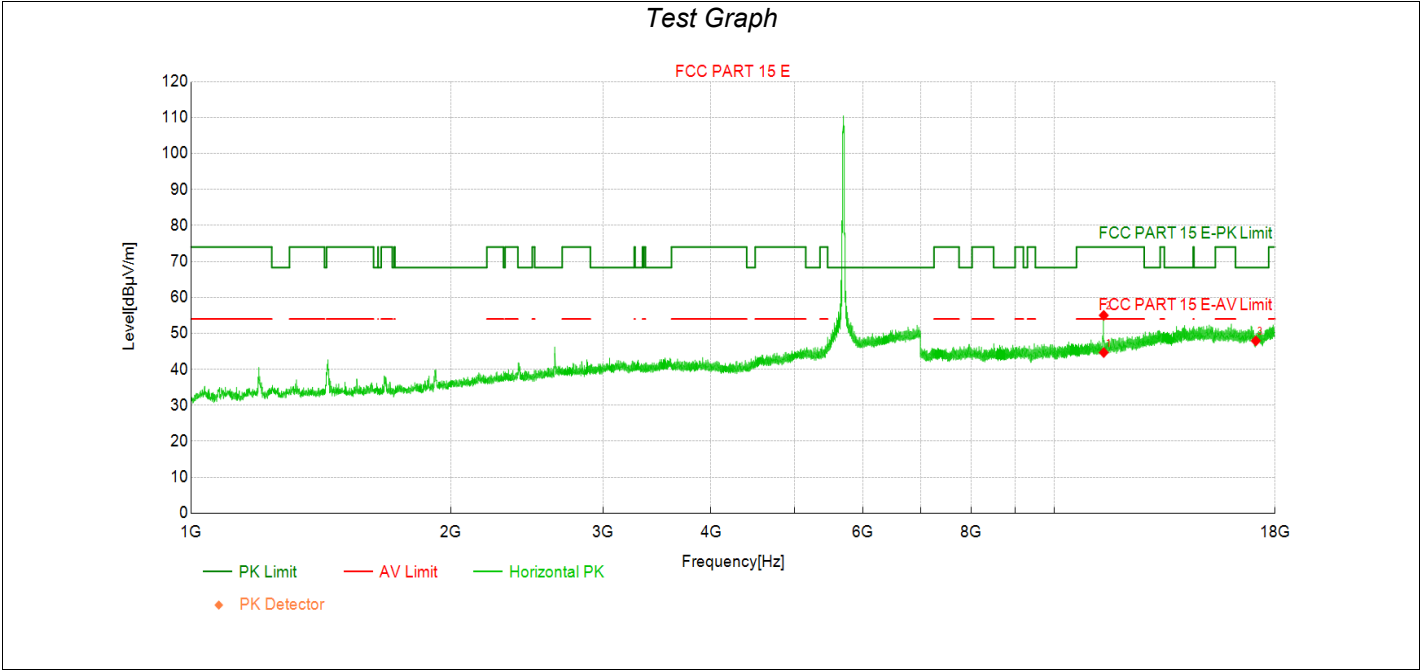
Transmit at 5580MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160.00	52.1	56.55	4.410	74.00	17.45	PK	Vertic	PASS
2	11160.00	43.1	47.53	4.410	54.00	6.47	AV	Vertic	PASS
3	16740.00	38.8	50.15	11.310	68.30	18.15	PK	Vertic	PASS

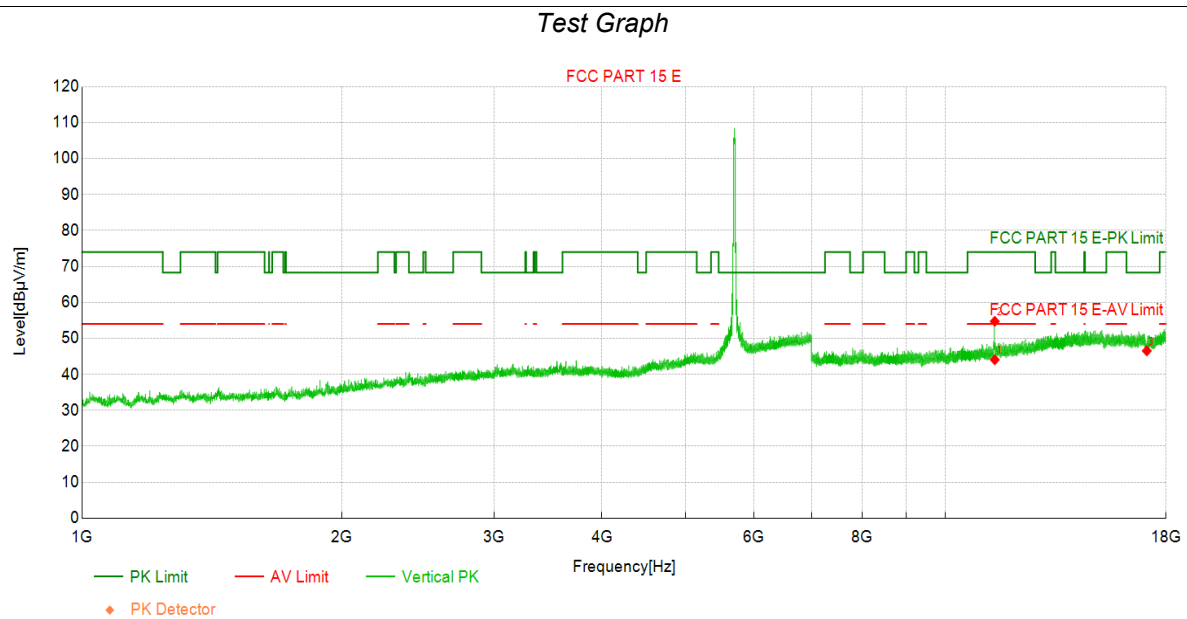
Transmit at 5700MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400.00	39.7	44.67	4.950	54.00	9.33	AV	Horizo	PASS
2	11400.46	50.1	55.00	4.950	74.00	19.00	PK	Horizo	PASS
3	17100.00	37.4	47.92	10.560	68.30	20.38	PK	Horizo	PASS

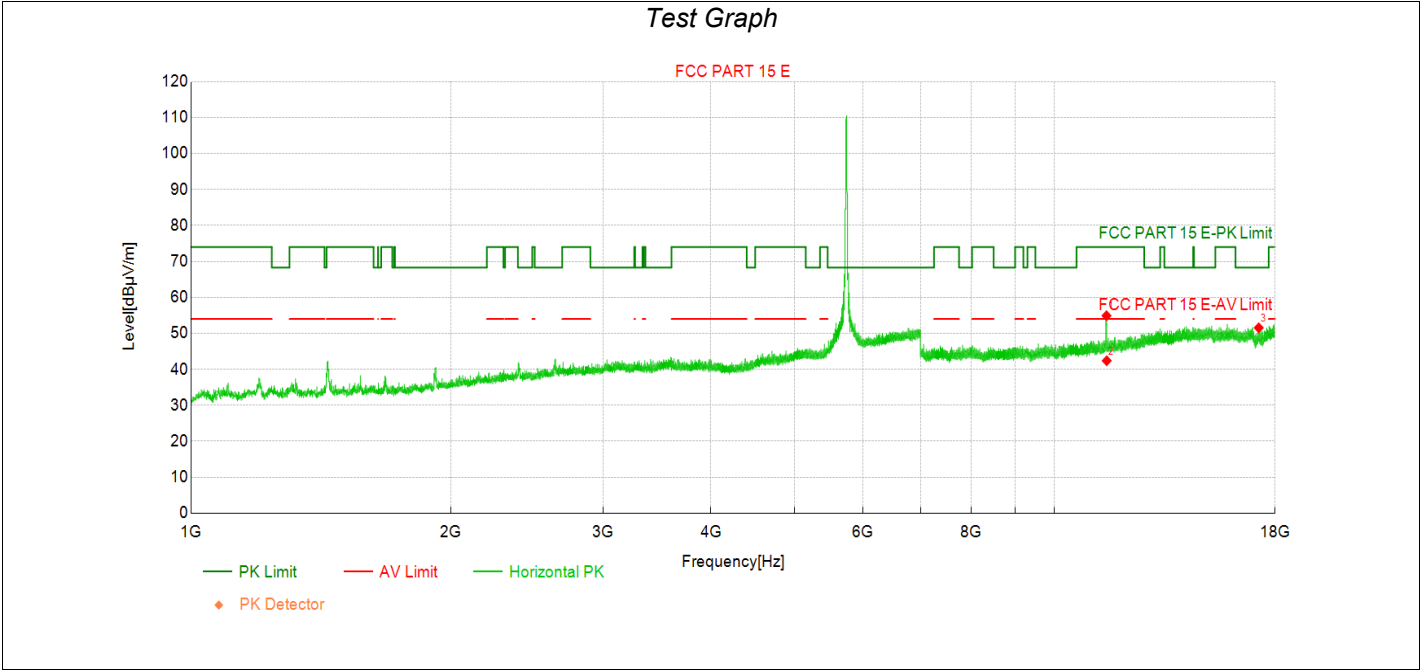
Transmit at 5700MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400.00	39.1	44.05	4.950	54.00	9.95	AV	Vertic	PASS
2	11400.92	49.8	54.73	4.950	74.00	19.27	PK	Vertic	PASS
3	17100.00	36.0	46.53	10.560	68.30	21.77	PK	Vertic	PASS

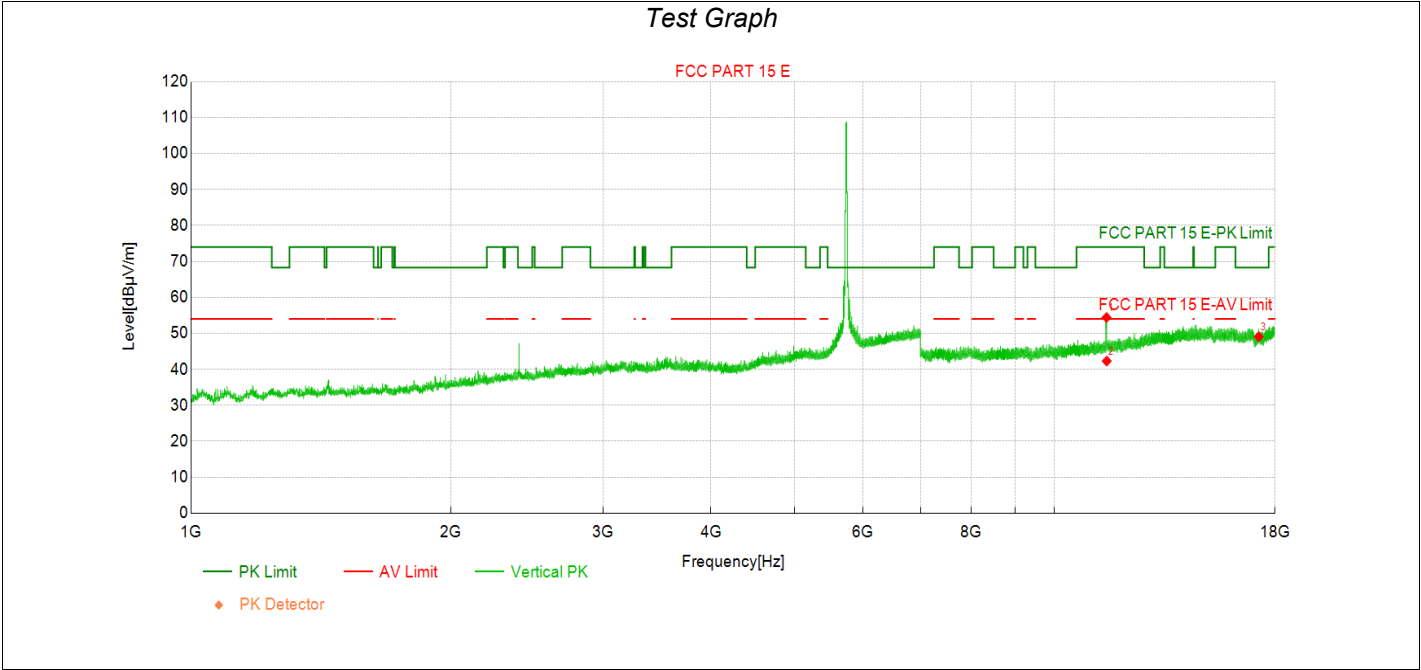
Transmit at 5745MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11483.88	49.9	54.91	5.060	74.00	19.09	PK	Horizo	PASS
2	11490.00	37.3	42.39	5.070	54.00	11.61	AV	Horizo	PASS
3	17235.00	40.4	51.55	11.180	68.30	16.75	PK	Horizo	PASS

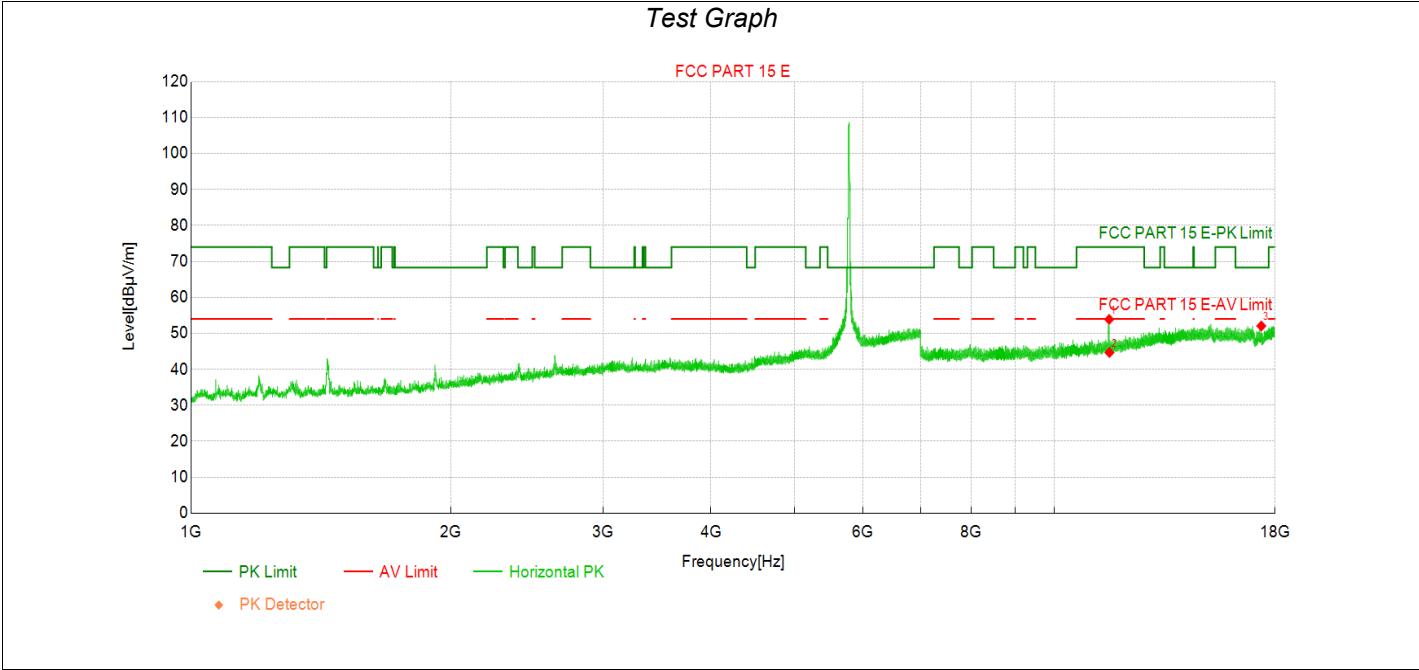
Transmit at 5745MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11483.88	49.4	54.41	5.060	74.00	19.59	PK	Vertic	PASS
2	11490.00	37.2	42.30	5.070	54.00	11.70	AV	Vertic	PASS
3	17235.00	37.9	49.07	11.180	68.30	19.23	PK	Vertic	PASS

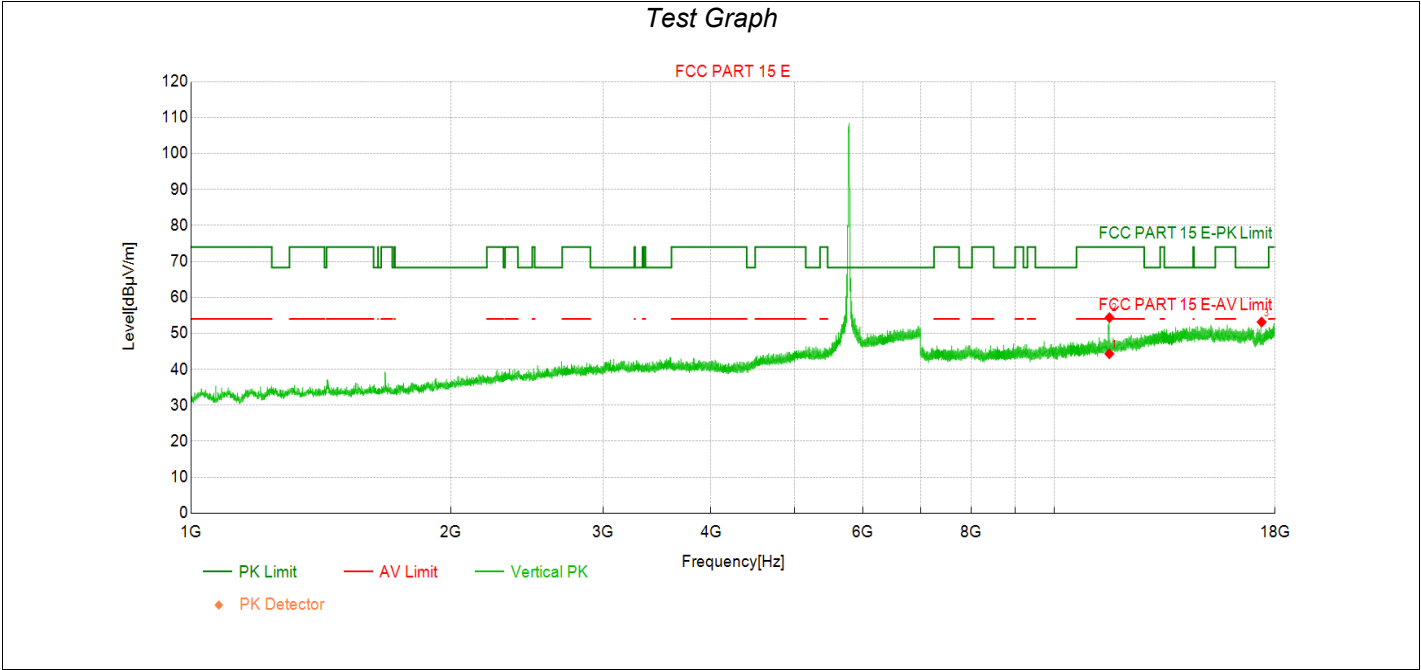
Transmit at 5785MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11565.92	49.0	53.89	4.890	74.00	20.11	PK	Horizo	PASS
2	11573.71	39.8	44.67	4.860	54.00	9.33	AV	Horizo	PASS
3	17351.92	41.3	52.05	10.750	68.30	16.25	PK	Horizo	PASS

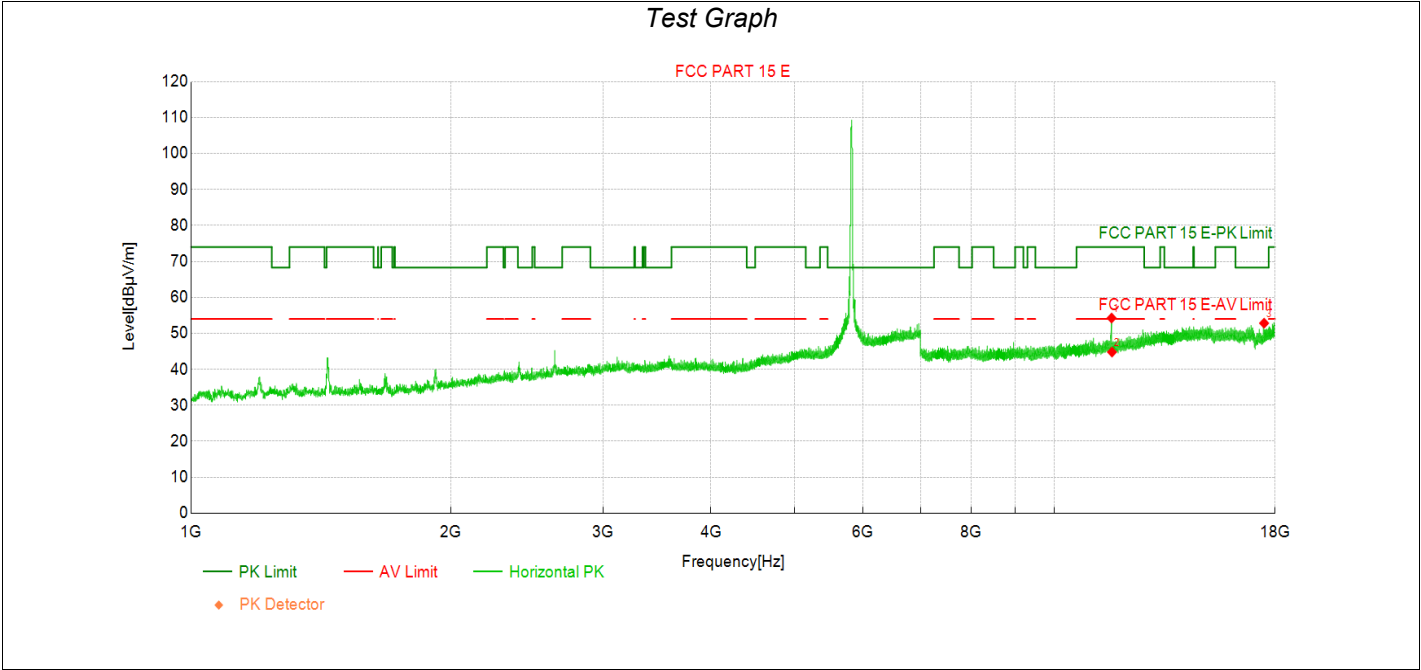
Transmit at 5785MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570.96	39.5	44.33	4.870	54.00	9.67	AV	Vertic	PASS
2	11575.54	49.5	54.39	4.850	74.00	19.61	PK	Vertic	PASS
3	17367.50	42.4	53.15	10.750	68.30	15.15	PK	Vertic	PASS

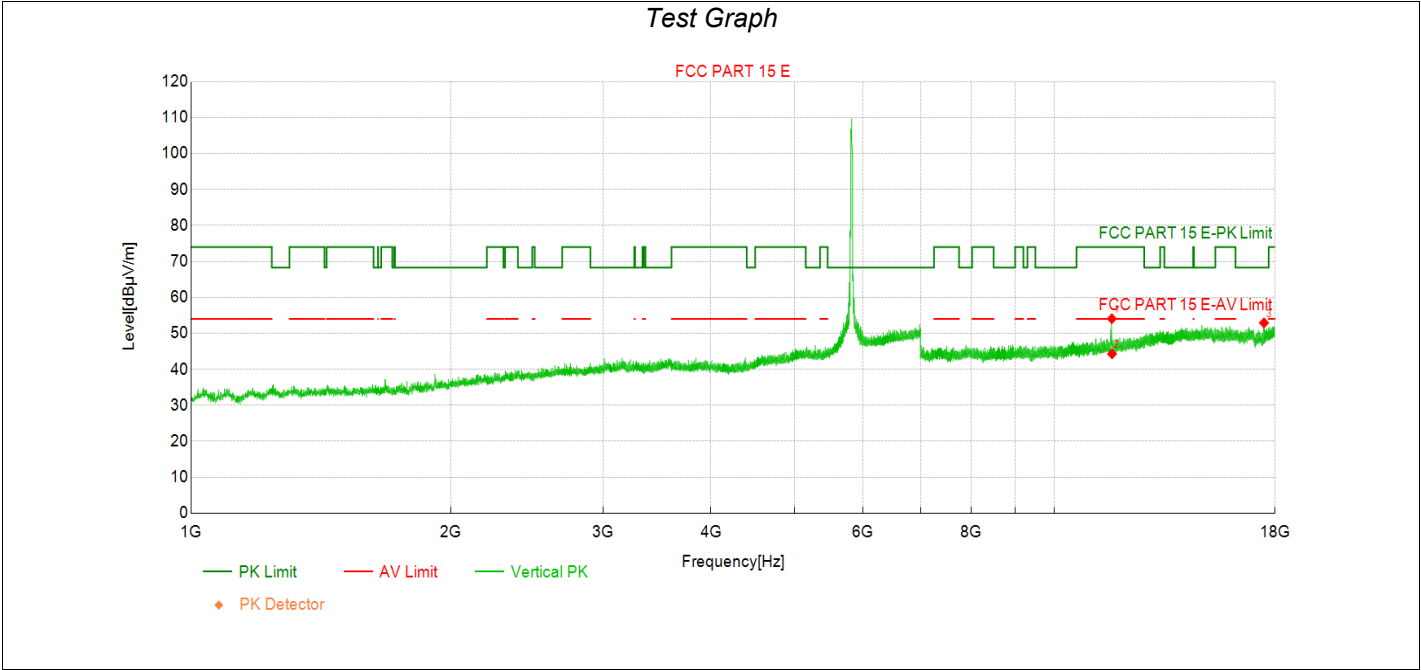
Transmit at 5825MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11641.08	49.3	54.26	4.990	74.00	19.74	PK	Horizo	PASS
2	11653.46	39.7	44.80	5.060	54.00	9.20	AV	Horizo	PASS
3	17482.08	41.6	52.82	11.210	68.30	15.48	PK	Horizo	PASS

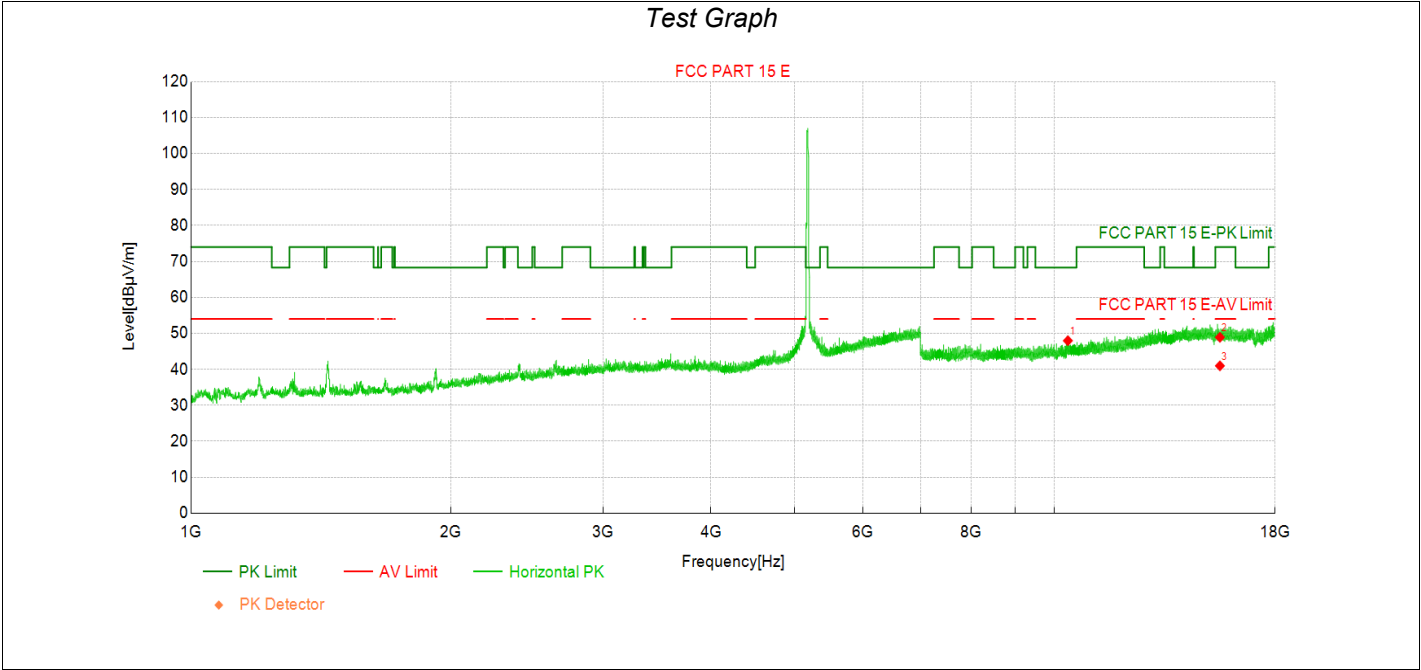
Transmit at 5825MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11648.42	49.0	54.07	5.030	74.00	19.93	PK	Vertic	PASS
2	11655.75	39.2	44.30	5.070	54.00	9.70	AV	Vertic	PASS
3	17477.04	41.7	52.91	11.190	68.30	15.39	PK	Vertic	PASS

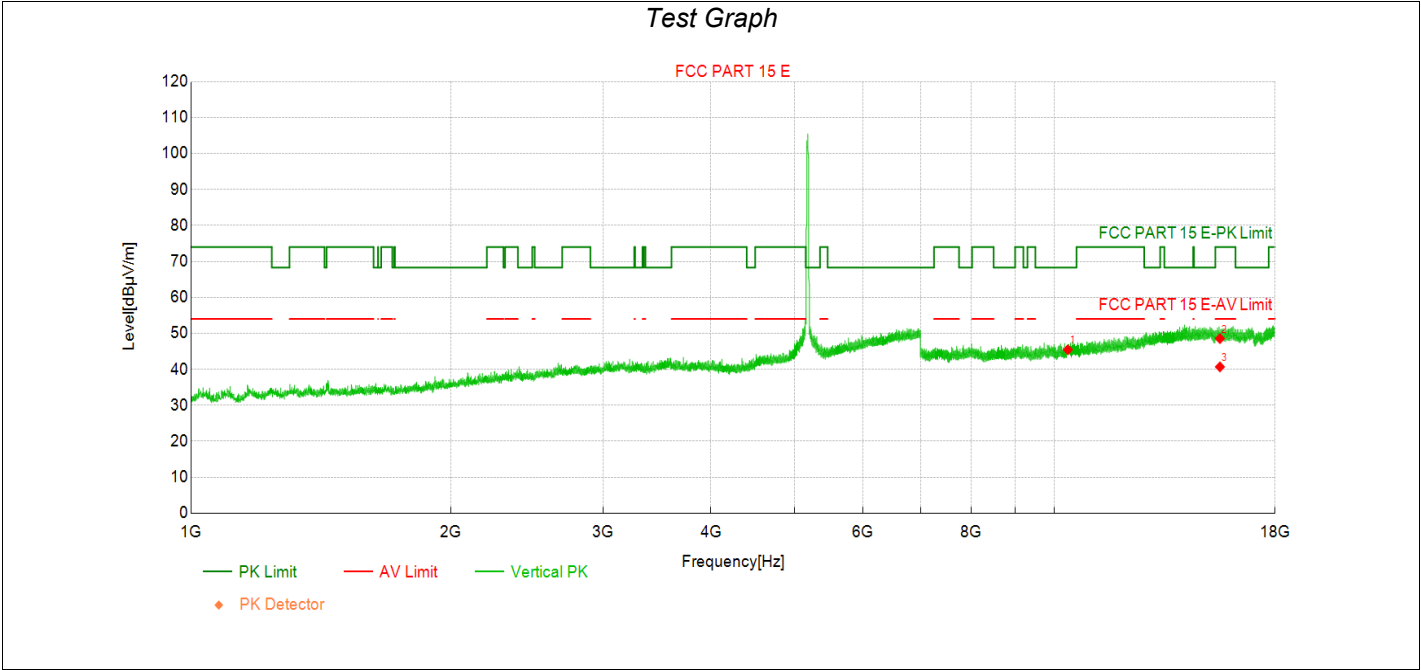
Transmit at 5180MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360.00	45.2	47.96	2.760	68.30	20.34	PK	Horizo	PASS
2	15540.00	38.1	48.89	10.800	74.00	25.11	PK	Horizo	PASS
3	15540.00	30.2	40.97	10.800	54.00	13.03	AV	Horizo	PASS

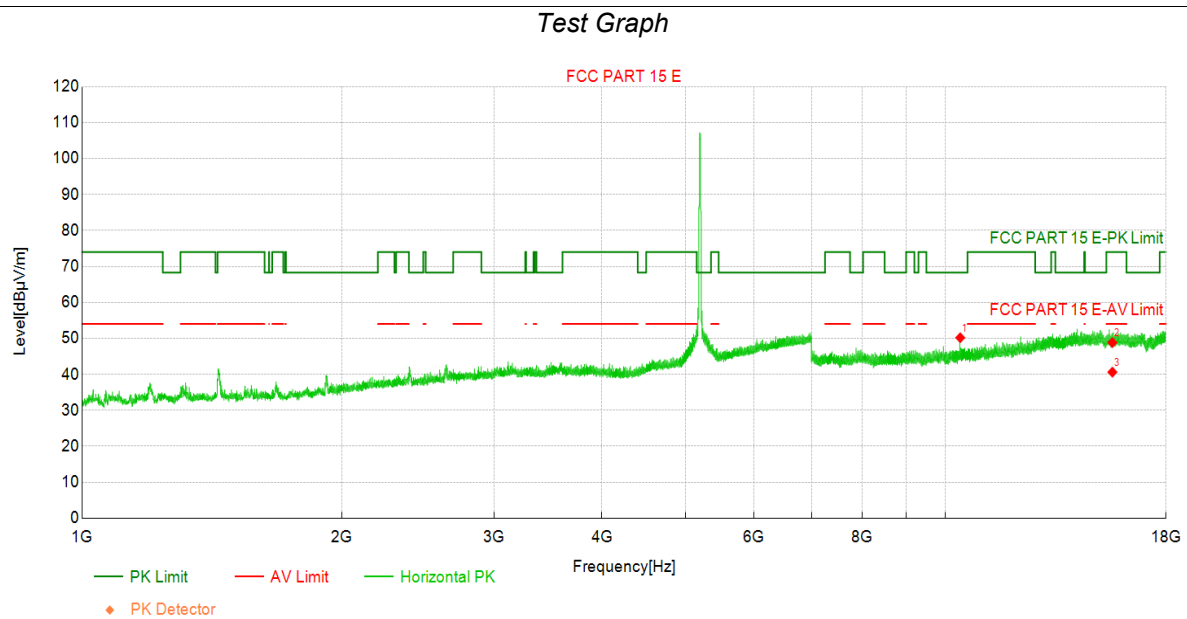
Transmit at 5180MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360.00	42.7	45.45	2.760	68.30	22.85	PK	Vertic	PASS
2	15540.00	37.7	48.54	10.800	74.00	25.46	PK	Vertic	PASS
3	15540.00	29.9	40.69	10.800	54.00	13.31	AV	Vertic	PASS

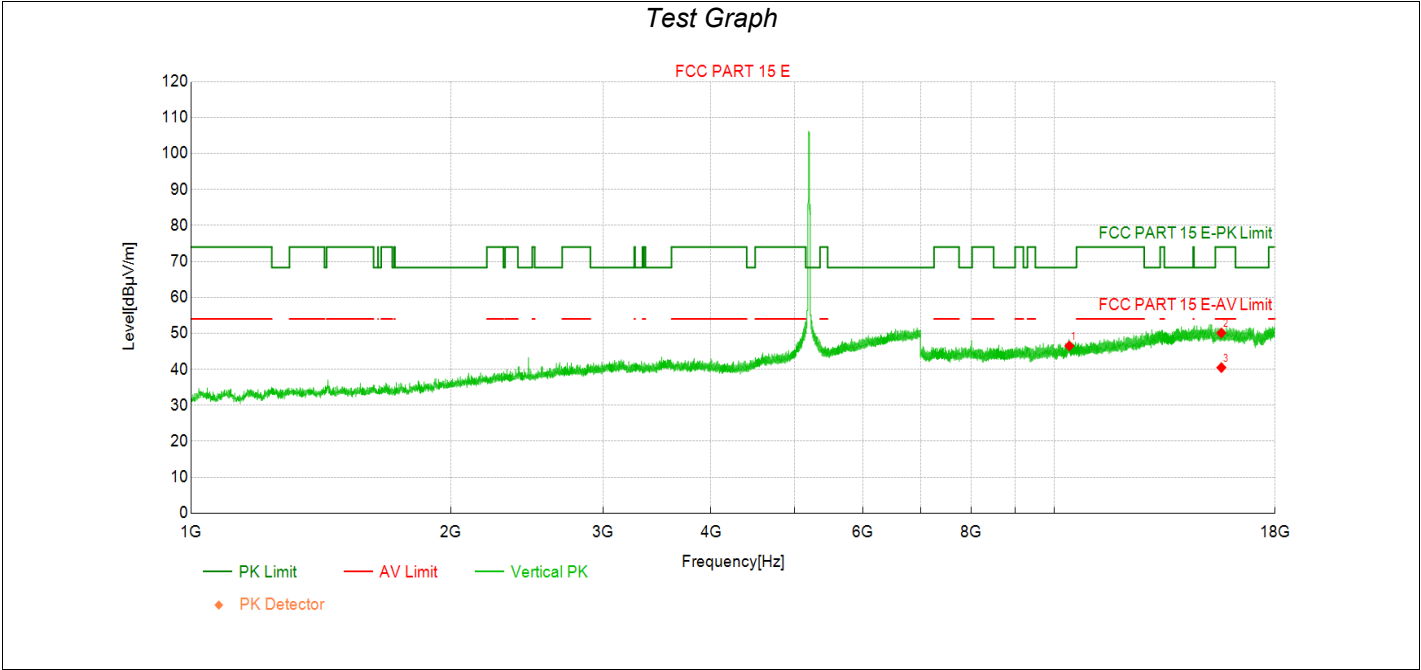
Transmit at 5200MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10397.17	47.4	50.19	2.760	68.30	18.11	PK	Horizo	PASS
2	15600.00	38.1	48.82	10.740	74.00	25.18	PK	Horizo	PASS
3	15600.00	29.9	40.61	10.740	54.00	13.39	AV	Horizo	PASS

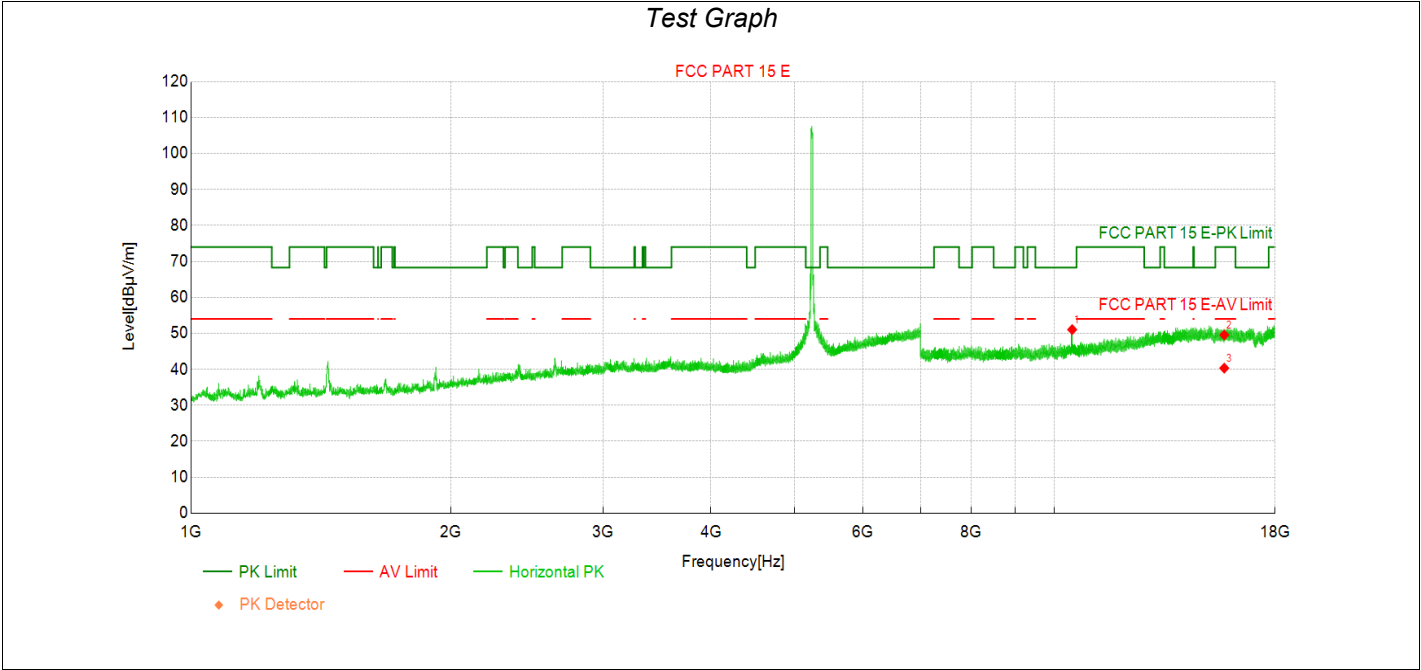
Transmit at 5200MHz by 802.11ac(20MHz) with Ant1+2



Data List

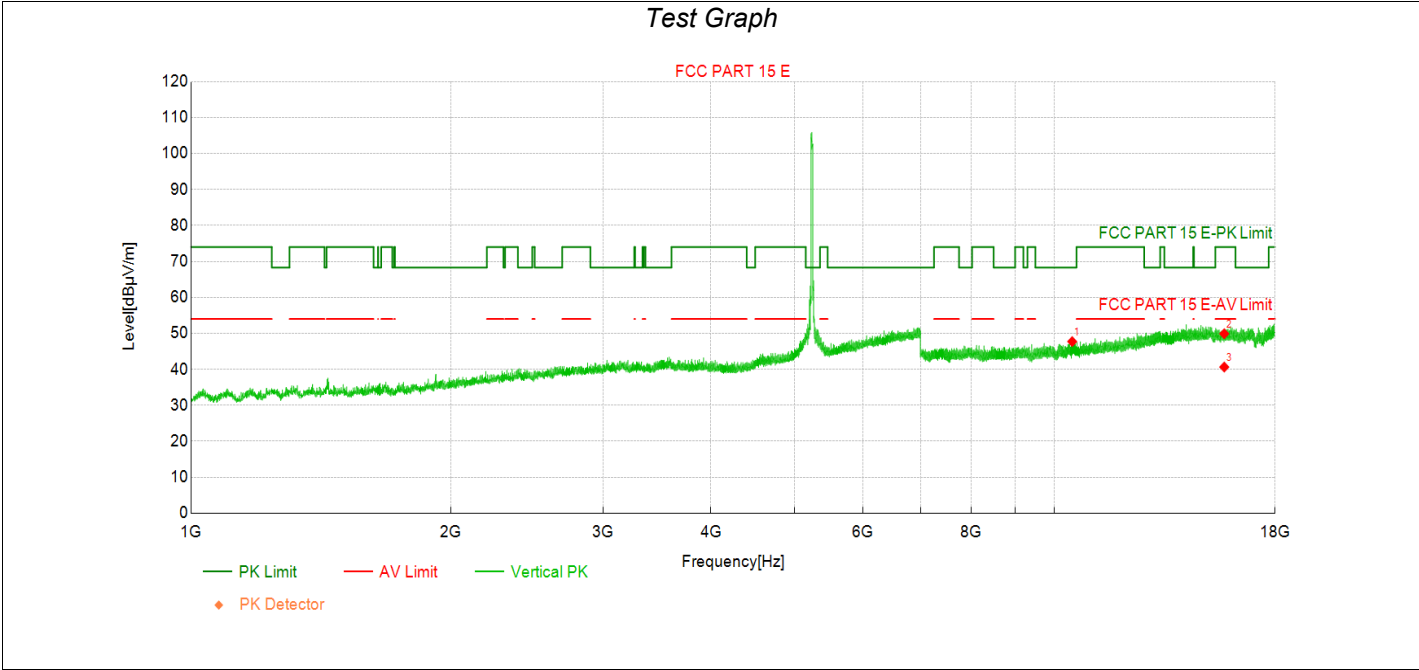
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.00	43.8	46.51	2.760	68.30	21.79	PK	Vertic	PASS
2	15600.00	39.4	50.12	10.740	74.00	23.88	PK	Vertic	PASS
3	15600.00	29.7	40.48	10.740	54.00	13.52	AV	Vertic	PASS

Transmit at 5240MHz by 802.11ac(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10478.75	48.1	51.05	2.930	68.30	17.25	PK	Horizo	PASS
2	15720.00	38.9	49.55	10.630	74.00	24.45	PK	Horizo	PASS
3	15720.00	29.7	40.33	10.630	54.00	13.67	AV	Horizo	PASS

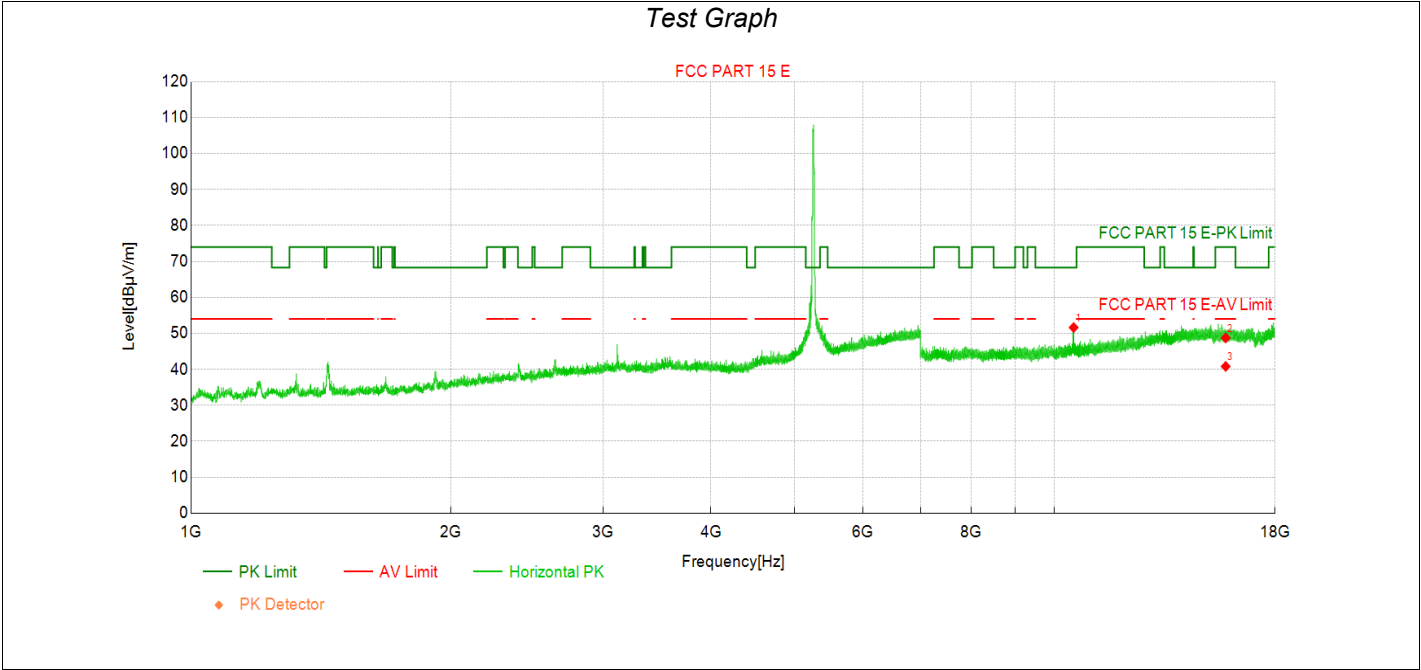
Transmit at 5240MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480.00	44.8	47.72	2.940	68.30	20.58	PK	Vertic	PASS
2	15720.00	39.3	49.90	10.630	74.00	24.10	PK	Vertic	PASS
3	15720.00	30.0	40.64	10.630	54.00	13.36	AV	Vertic	PASS

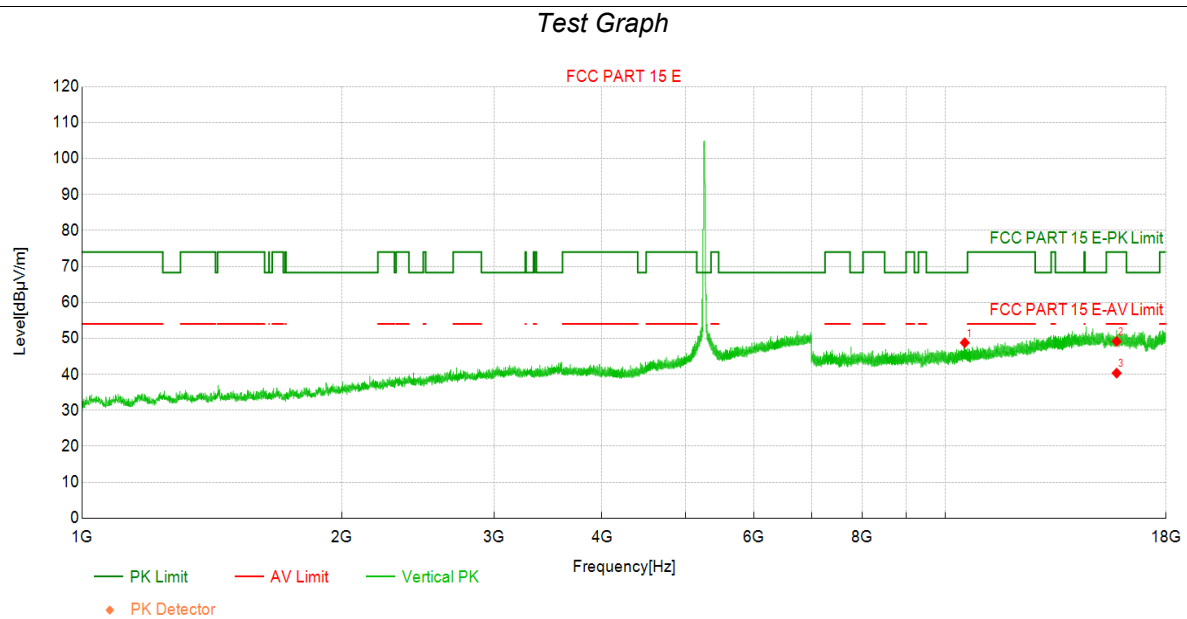
Transmit at 5260MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520.92	48.7	51.63	2.980	68.30	16.67	PK	Horizo	PASS
2	15780.00	38.3	48.74	10.480	74.00	25.26	PK	Horizo	PASS
3	15780.00	30.3	40.80	10.480	54.00	13.20	AV	Horizo	PASS

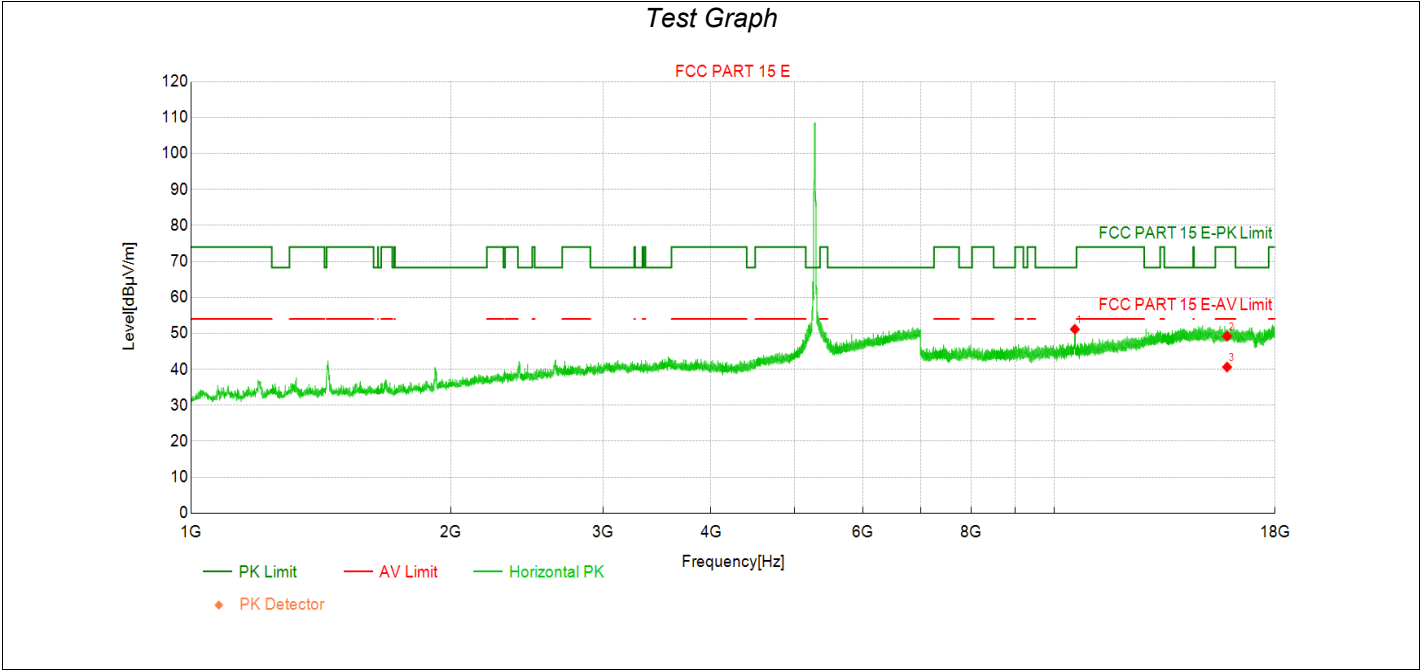
Transmit at 5260MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10525.04	45.8	48.79	2.980	68.30	19.51	PK	Vertic	PASS
2	15780.00	38.7	49.14	10.480	74.00	24.86	PK	Vertic	PASS
3	15780.00	29.9	40.34	10.480	54.00	13.66	AV	Vertic	PASS

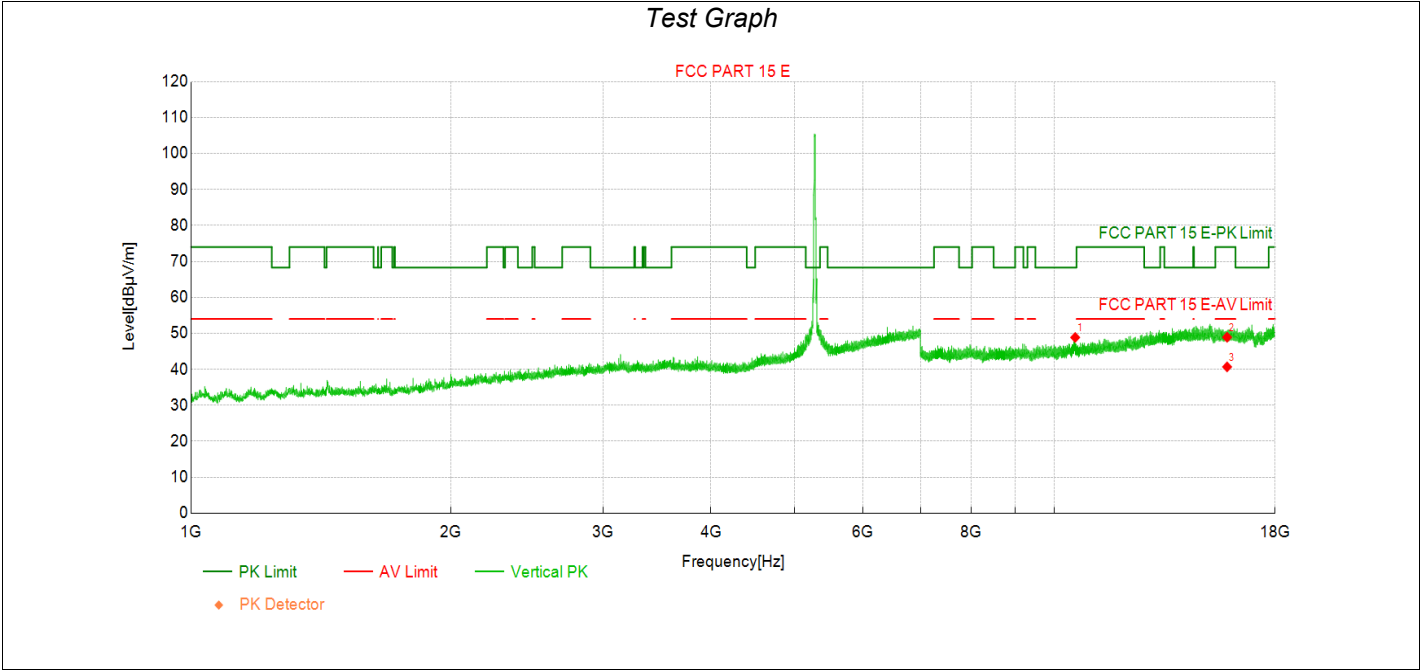
Transmit at 5280MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10553.92	48.2	51.15	2.980	68.30	17.15	PK	Horizo	PASS
2	15840.00	38.6	49.19	10.550	74.00	24.81	PK	Horizo	PASS
3	15840.00	30.1	40.64	10.550	54.00	13.36	AV	Horizo	PASS

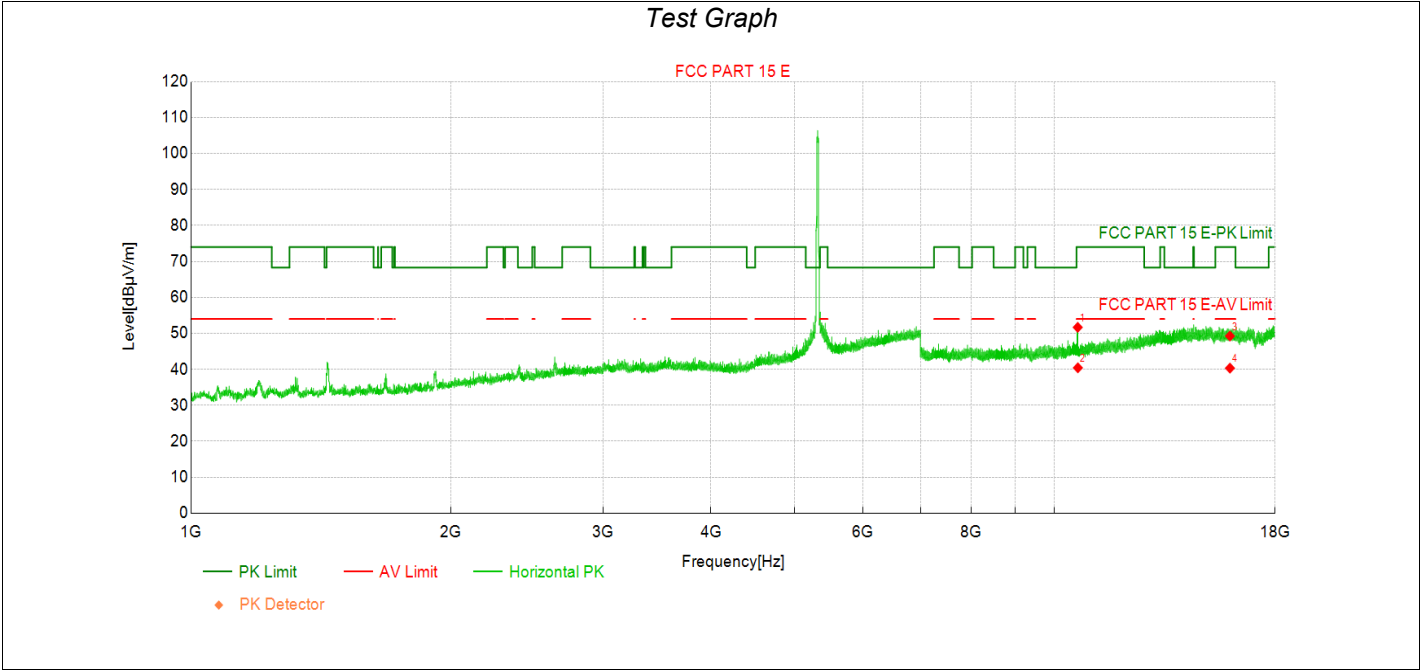
Transmit at 5280MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10563.54	45.9	48.86	2.960	68.30	19.44	PK	Vertic	PASS
2	15840.00	38.4	48.93	10.550	74.00	25.07	PK	Vertic	PASS
3	15840.00	30.1	40.68	10.550	54.00	13.32	AV	Vertic	PASS

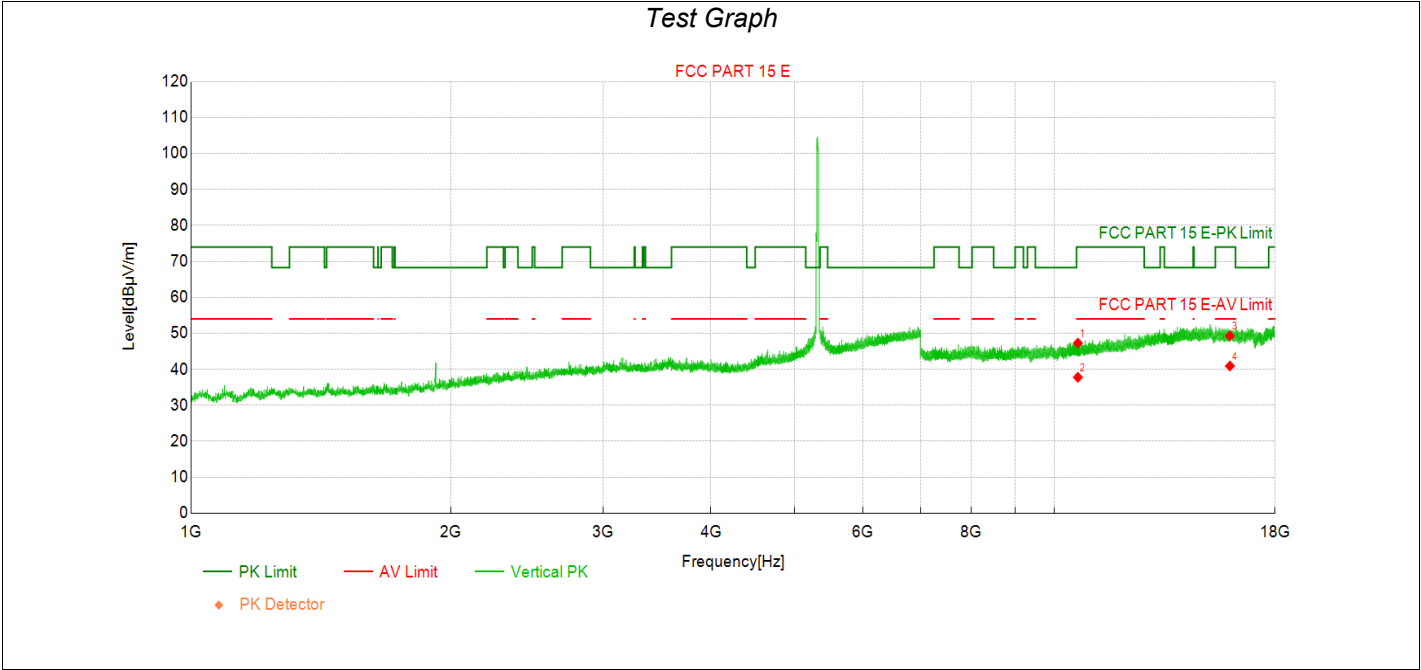
Transmit at 5320MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10635.96	48.6	51.67	3.120	74.00	22.33	PK	Horizo	PASS
2	10640.00	37.3	40.43	3.130	54.00	13.57	AV	Horizo	PASS
3	15960.00	38.1	49.25	11.150	74.00	24.75	PK	Horizo	PASS
4	15960.00	29.2	40.33	11.150	54.00	13.67	AV	Horizo	PASS

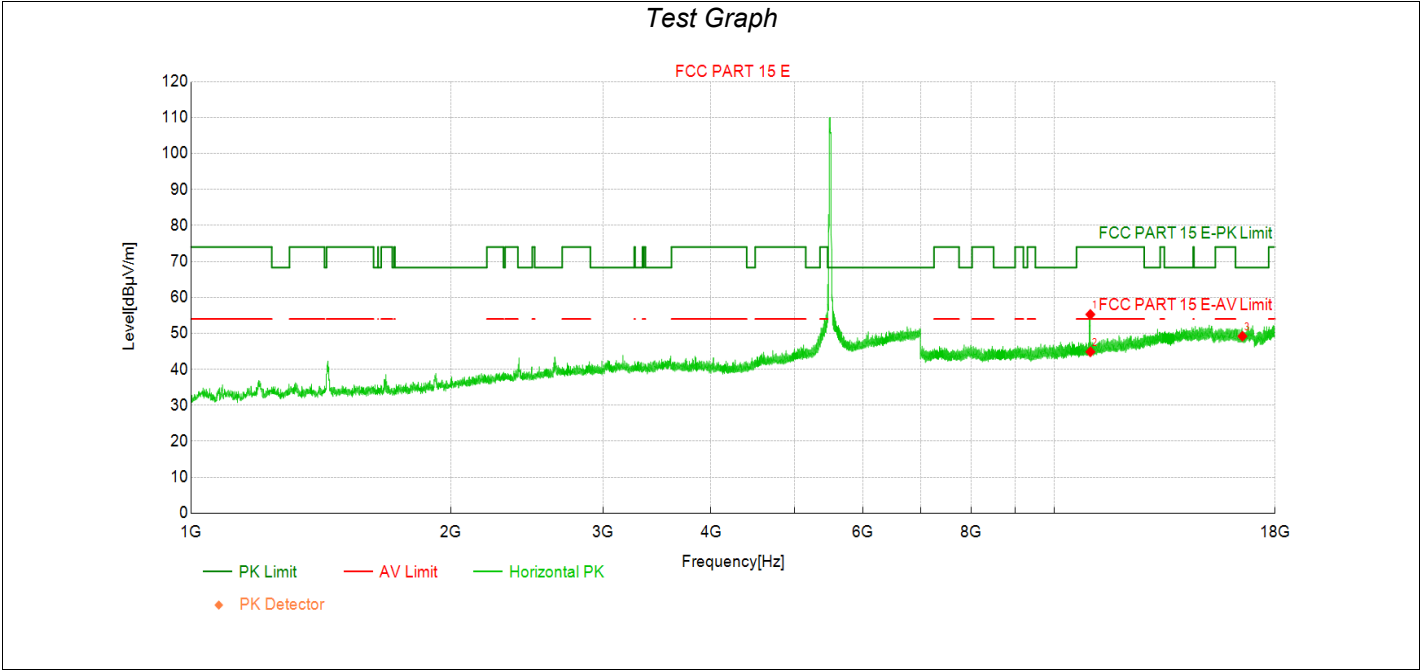
Transmit at 5320MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640.00	44.2	47.30	3.130	74.00	26.70	PK	Vertic	PASS
2	10640.00	34.7	37.78	3.130	54.00	16.22	AV	Vertic	PASS
3	15960.00	38.2	49.30	11.150	74.00	24.70	PK	Vertic	PASS
4	15960.00	29.8	40.92	11.150	54.00	13.08	AV	Vertic	PASS

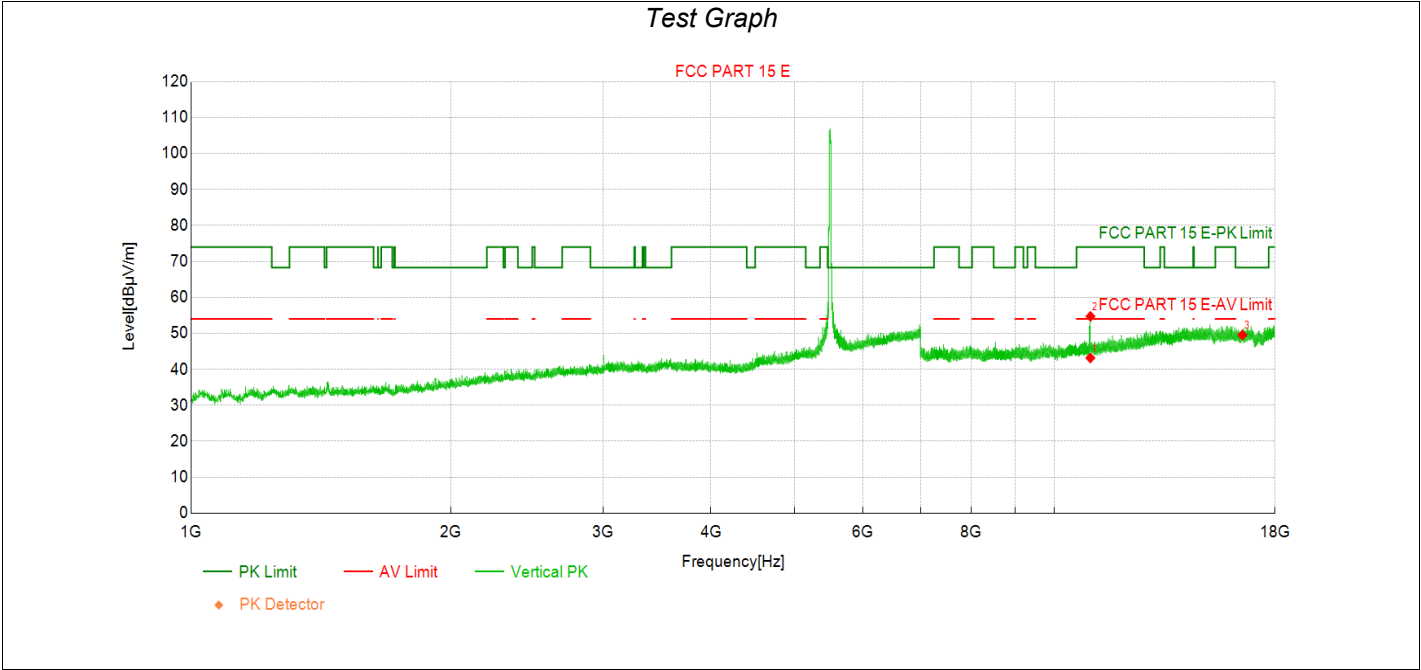
Transmit at 5500MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10999.88	51.2	55.26	4.020	74.00	18.74	PK	Horizo	PASS
2	11000.00	40.9	44.87	4.020	54.00	9.13	AV	Horizo	PASS
3	16500.00	38.2	49.19	11.010	68.30	19.11	PK	Horizo	PASS

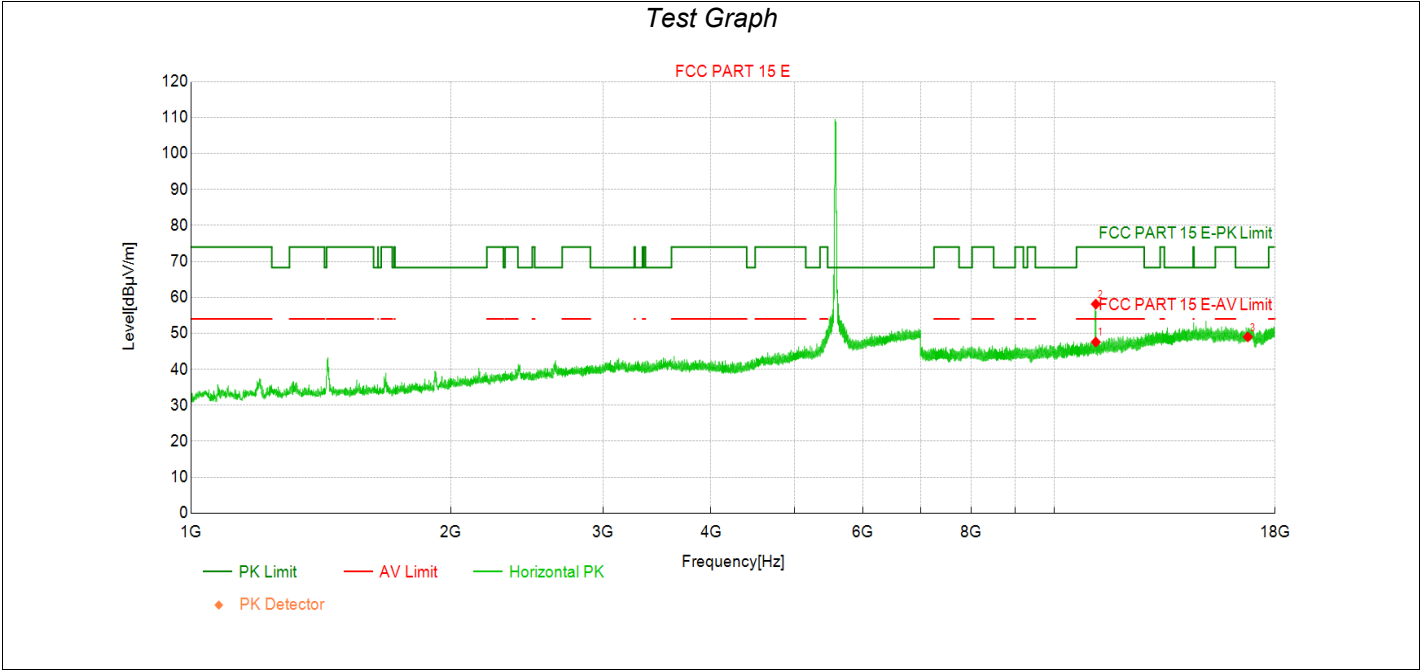
Transmit at 5500MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000.00	39.1	43.16	4.020	54.00	10.84	AV	Vertic	PASS
2	11002.63	50.7	54.72	4.030	74.00	19.28	PK	Vertic	PASS
3	16500.00	38.5	49.54	11.010	68.30	18.76	PK	Vertic	PASS

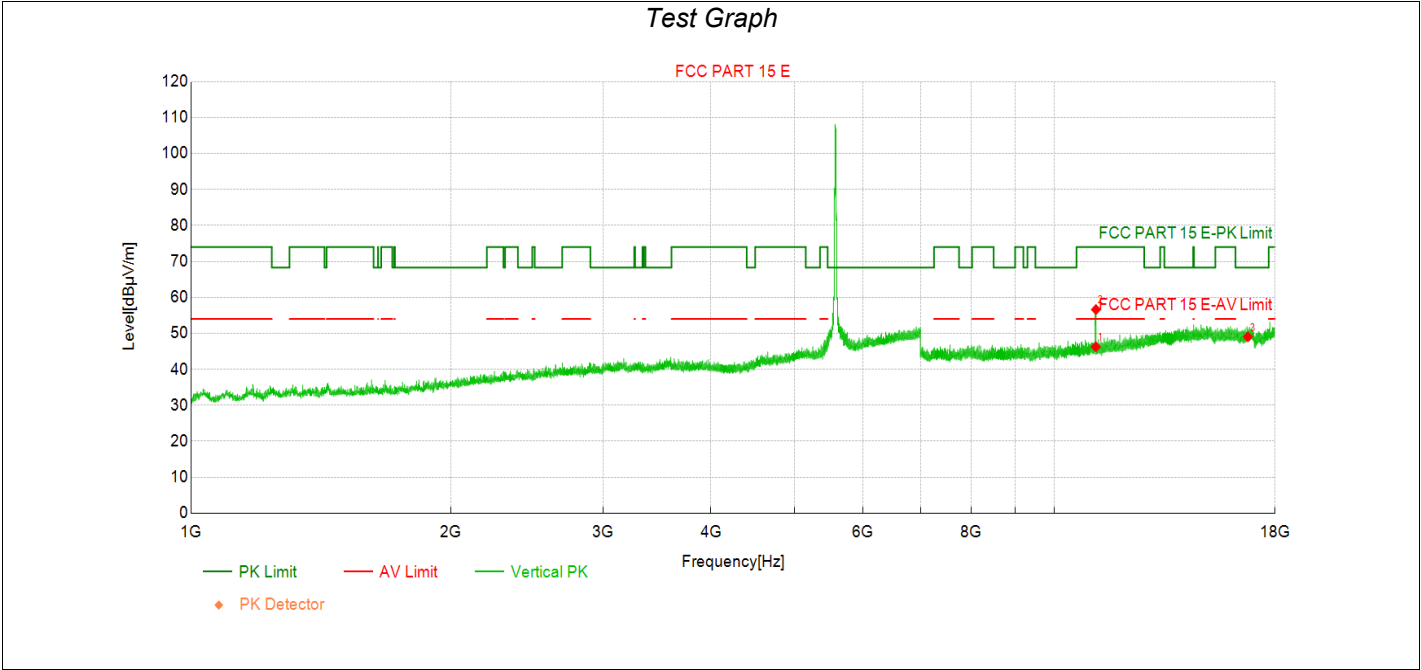
Transmit at 5580MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160.00	43.2	47.59	4.410	54.00	6.41	AV	Horizo	PASS
2	11161.21	53.7	58.13	4.410	74.00	15.87	PK	Horizo	PASS
3	16740.00	37.7	49.03	11.310	68.30	19.27	PK	Horizo	PASS

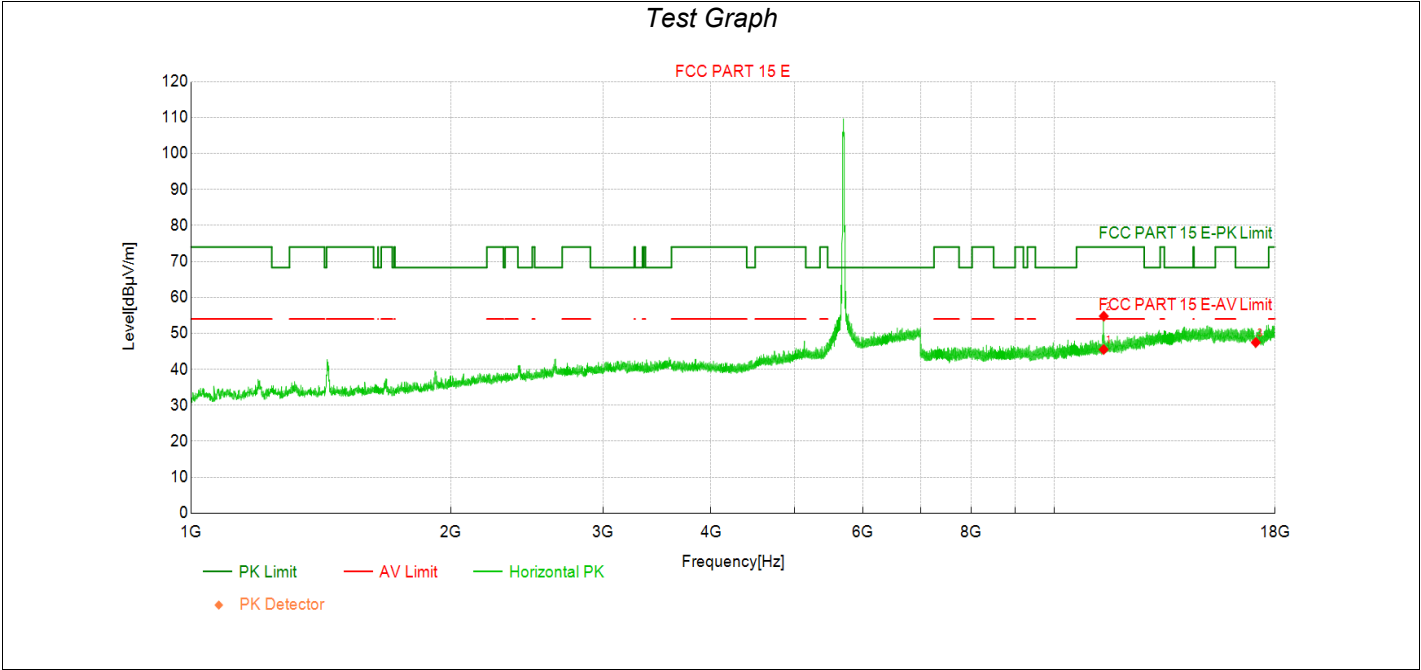
Transmit at 5580MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160.00	41.9	46.27	4.410	54.00	7.73	AV	Vertic	PASS
2	11165.79	52.2	56.62	4.410	74.00	17.38	PK	Vertic	PASS
3	16740.00	37.7	49.03	11.310	68.30	19.27	PK	Vertic	PASS

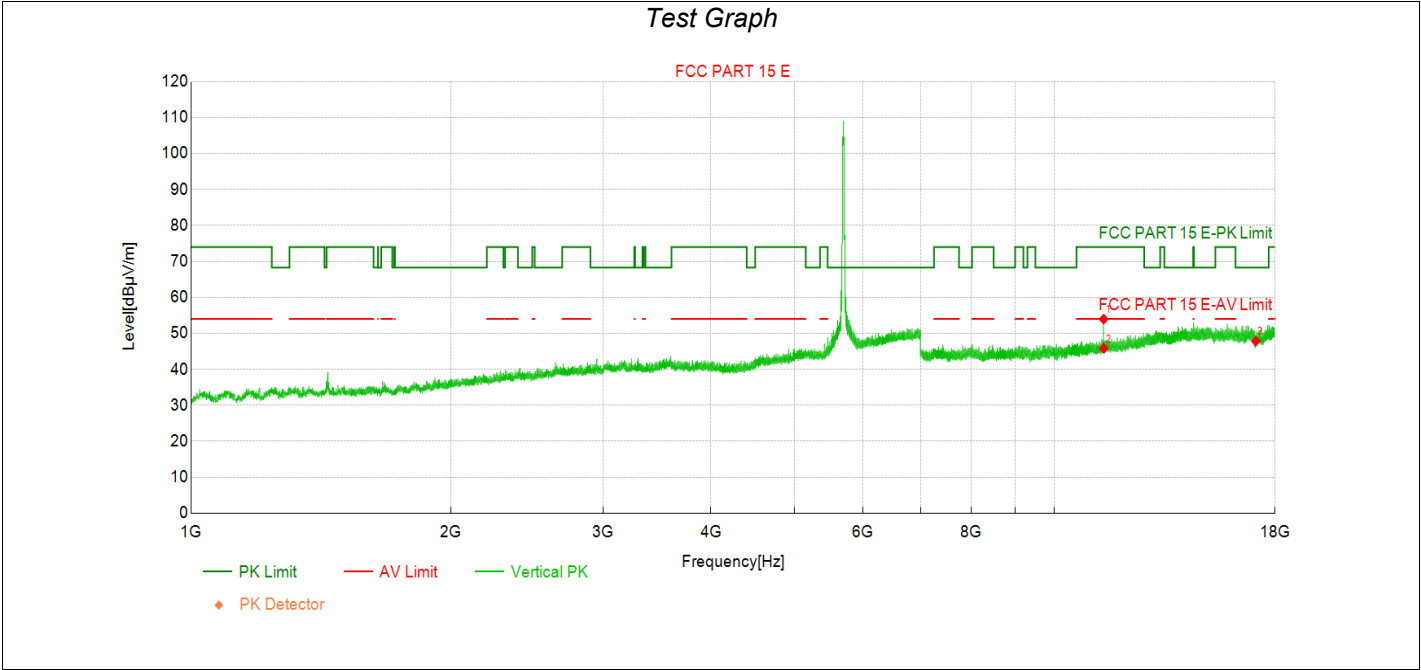
Transmit at 5700MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11397.25	40.6	45.52	4.950	54.00	8.48	AV	Horizo	PASS
2	11401.38	49.8	54.77	4.950	74.00	19.23	PK	Horizo	PASS
3	17100.00	36.9	47.46	10.560	68.30	20.84	PK	Horizo	PASS

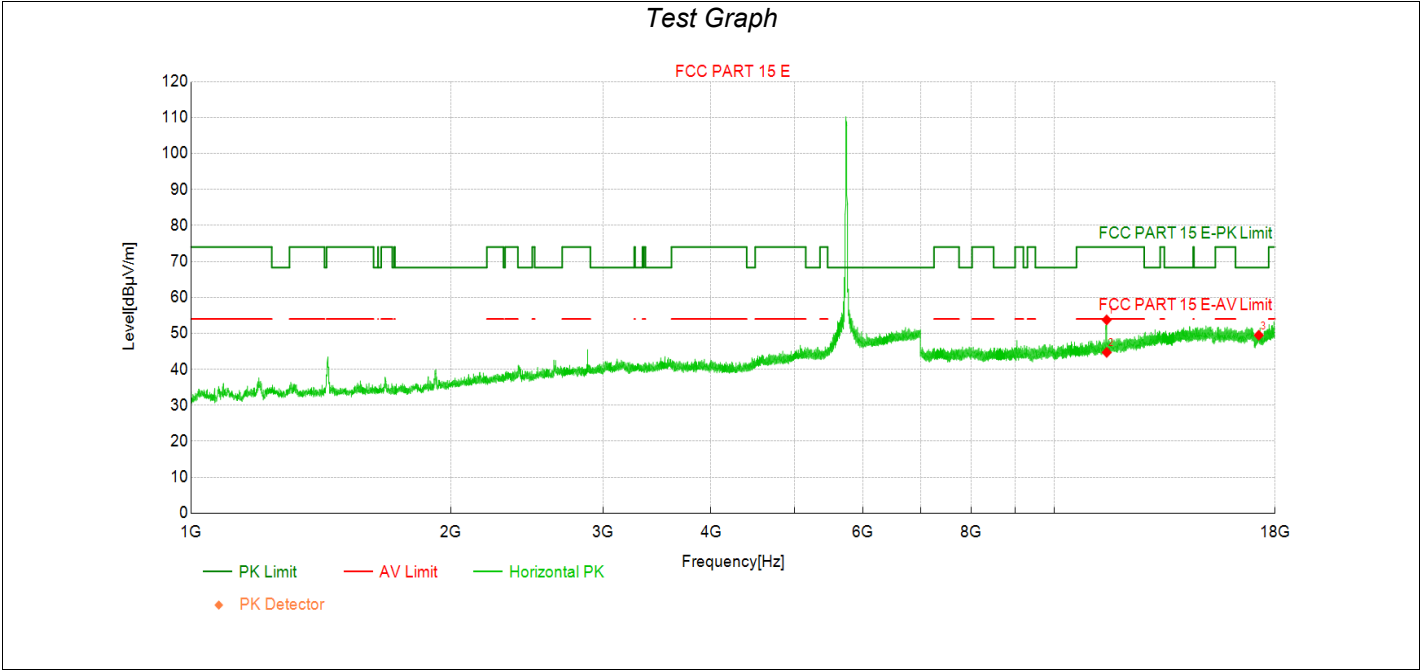
Transmit at 5700MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11397.71	49.0	53.96	4.950	74.00	20.04	PK	Vertic	PASS
2	11398.17	40.9	45.83	4.950	54.00	8.17	AV	Vertic	PASS
3	17100.00	37.3	47.84	10.560	68.30	20.46	PK	Vertic	PASS

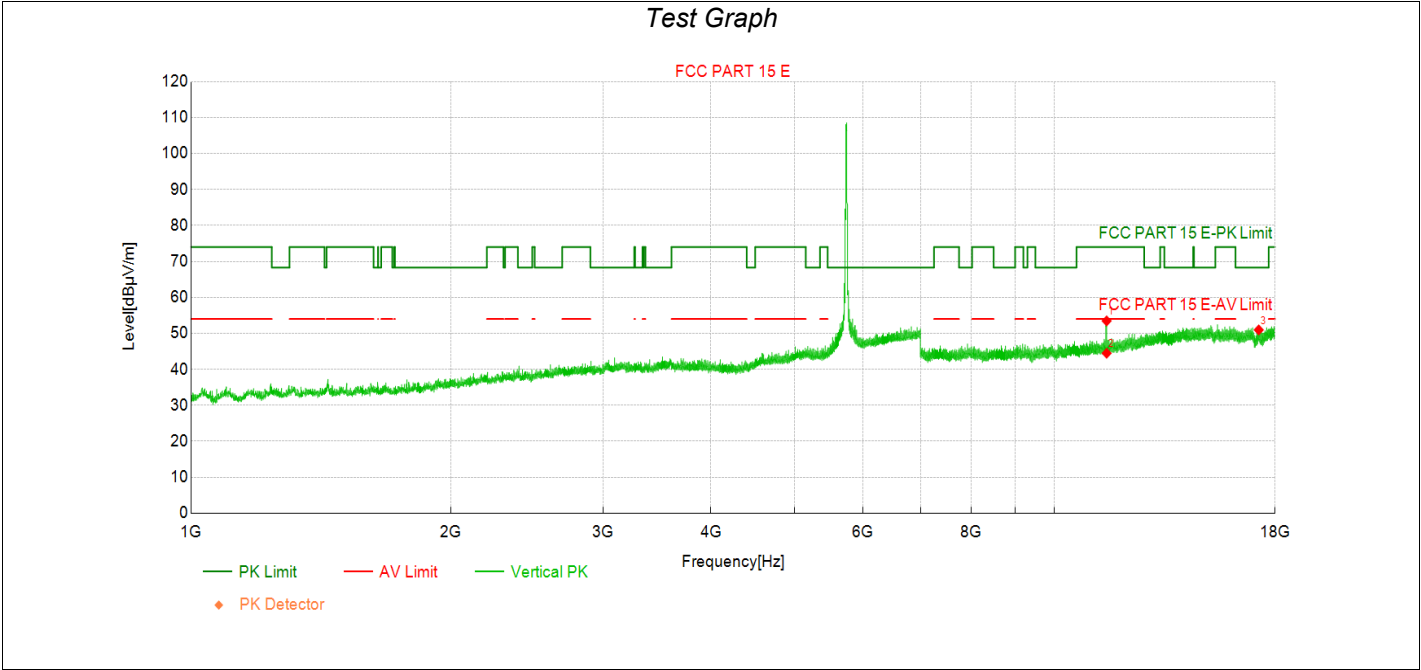
Transmit at 5745MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11488.46	48.7	53.74	5.070	74.00	20.26	PK	Horizo	PASS
2	11488.92	39.6	44.70	5.070	54.00	9.30	AV	Horizo	PASS
3	17235.00	38.3	49.48	11.180	68.30	18.82	PK	Horizo	PASS

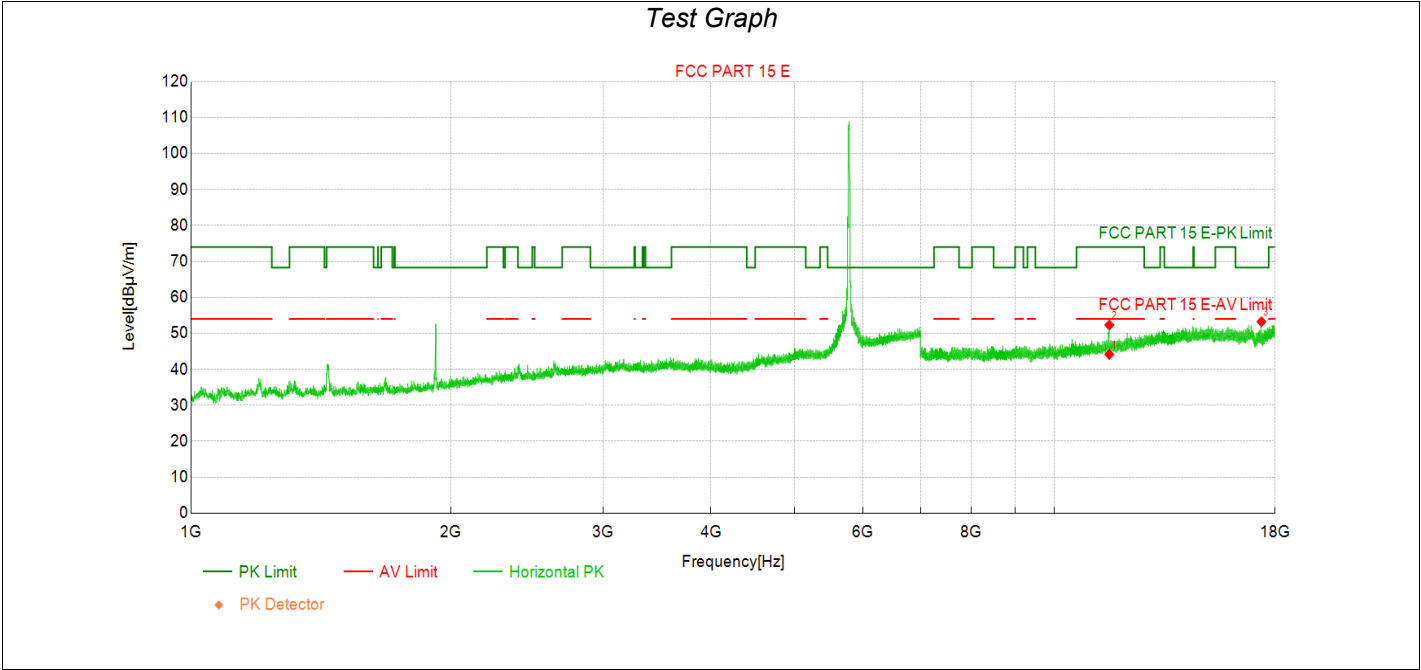
Transmit at 5745MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11487.54	48.4	53.46	5.070	74.00	20.54	PK	Vertic	PASS
2	11488.00	39.4	44.48	5.070	54.00	9.52	AV	Vertic	PASS
3	17235.00	39.8	50.96	11.180	68.30	17.34	PK	Vertic	PASS

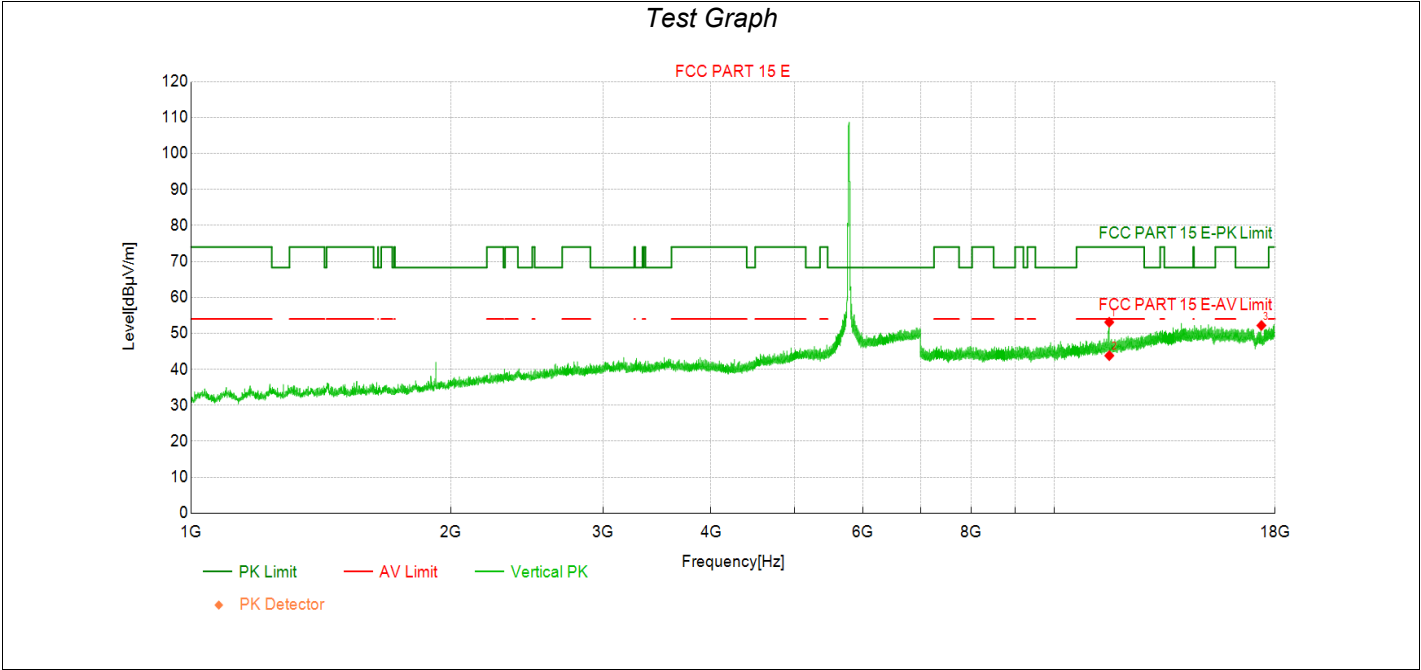
Transmit at 5785MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11569.58	39.3	44.15	4.870	54.00	9.85	AV	Horizo	PASS
2	11570.50	47.5	52.32	4.870	74.00	21.68	PK	Horizo	PASS
3	17359.71	42.5	53.24	10.750	68.30	15.06	PK	Horizo	PASS

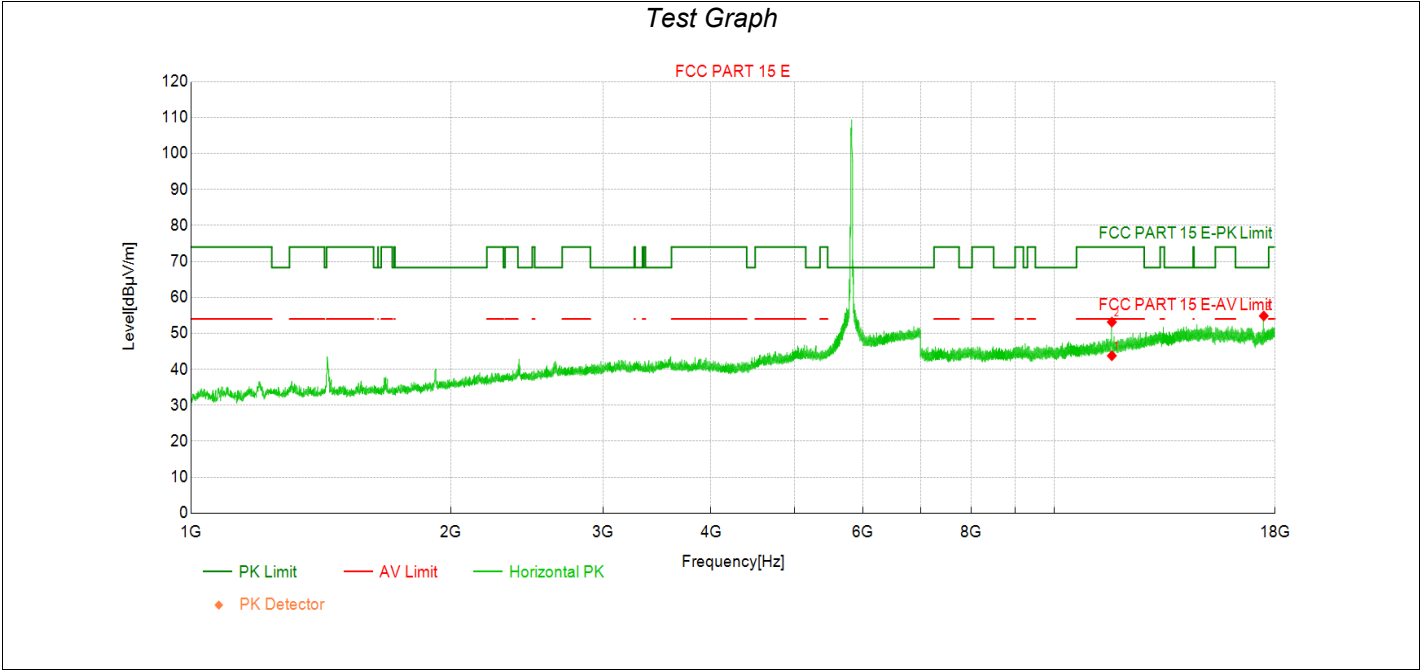
Transmit at 5785MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11567.75	48.2	53.09	4.890	74.00	20.91	PK	Vertic	PASS
2	11569.58	38.9	43.80	4.870	54.00	10.20	AV	Vertic	PASS
3	17358.79	41.5	52.20	10.750	68.30	16.10	PK	Vertic	PASS

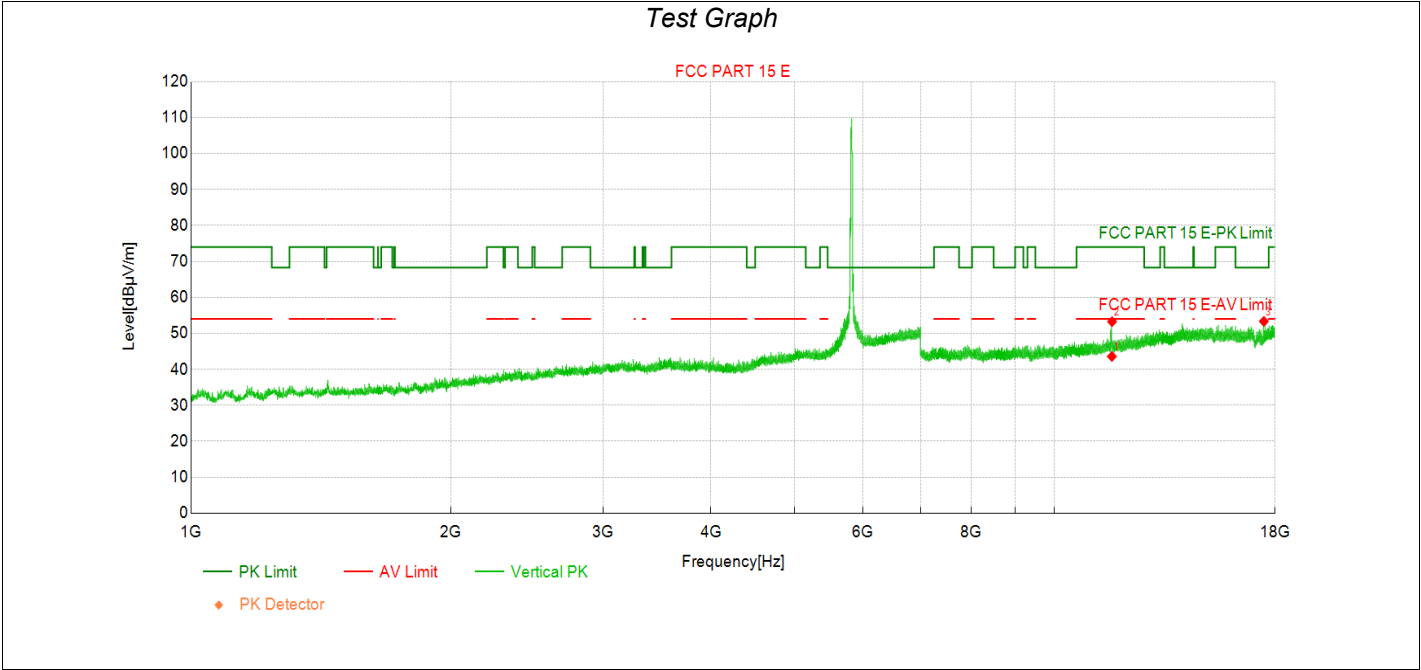
Transmit at 5825MHz by 802.11ac(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11648.88	38.7	43.77	5.030	54.00	10.23	AV	Horizo	PASS
2	11649.79	48.1	53.14	5.040	74.00	20.86	PK	Horizo	PASS
3	17467.88	43.7	54.85	11.130	68.30	13.45	PK	Horizo	PASS

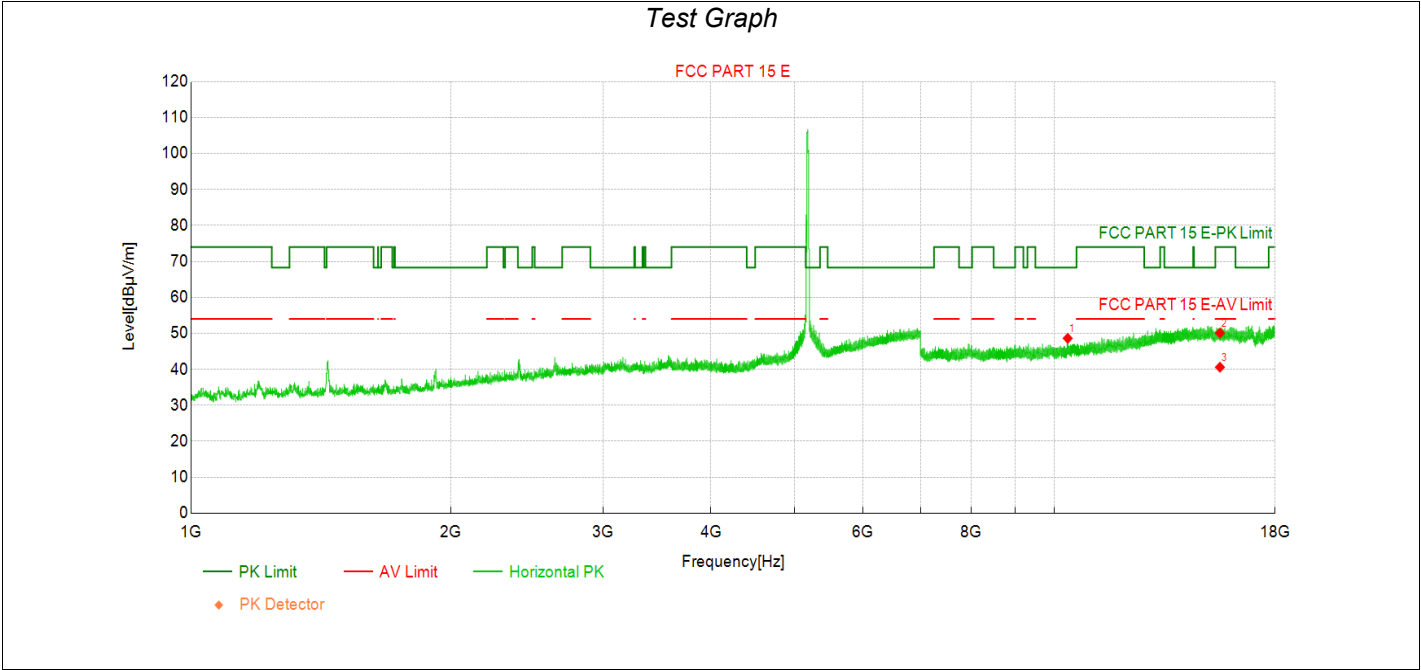
Transmit at 5825MHz by 802.11ac(20MHz) with Ant1+2



Data List

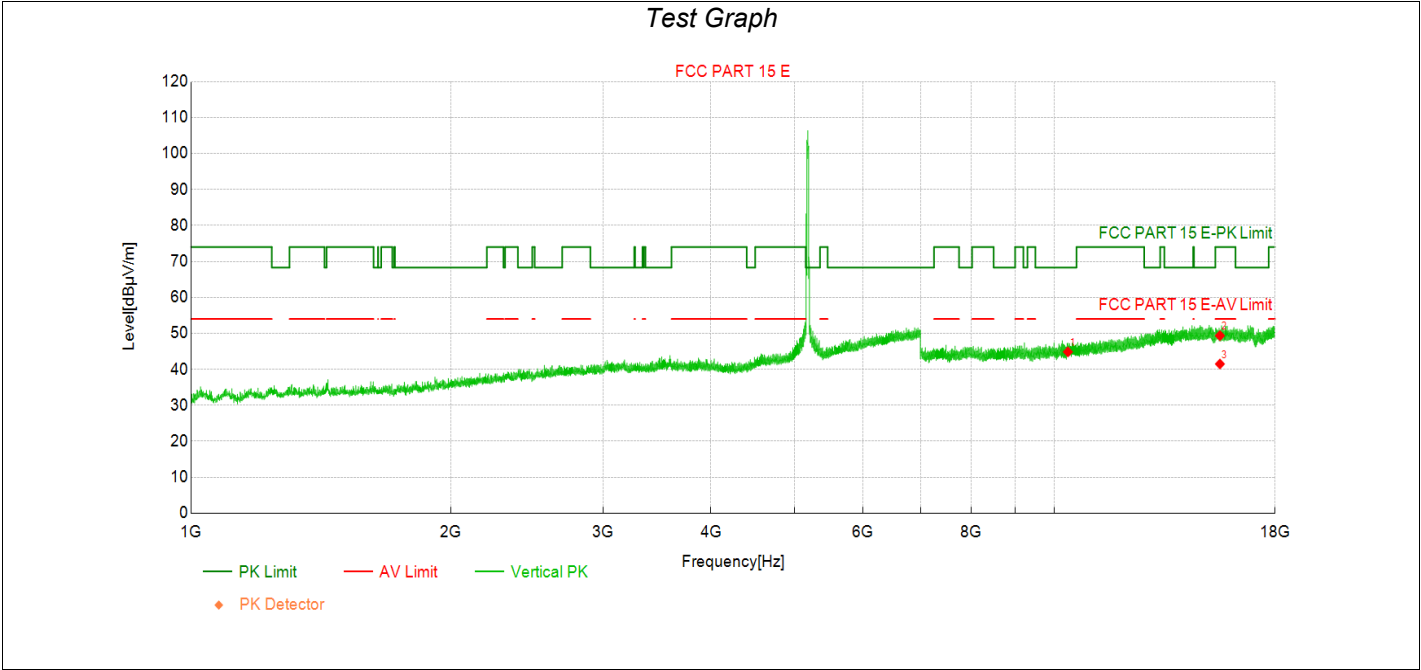
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11648.42	38.6	43.58	5.030	54.00	10.42	AV	Vertic	PASS
2	11655.75	48.2	53.25	5.070	74.00	20.75	PK	Vertic	PASS
3	17474.29	42.2	53.34	11.160	68.30	14.96	PK	Vertic	PASS

Transmit at 5180MHz by 802.11ax(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10355.00	45.9	48.62	2.760	68.30	19.68	PK	Horizo	PASS
2	15540.00	39.3	50.09	10.800	74.00	23.91	PK	Horizo	PASS
3	15540.00	29.8	40.59	10.800	54.00	13.41	AV	Horizo	PASS

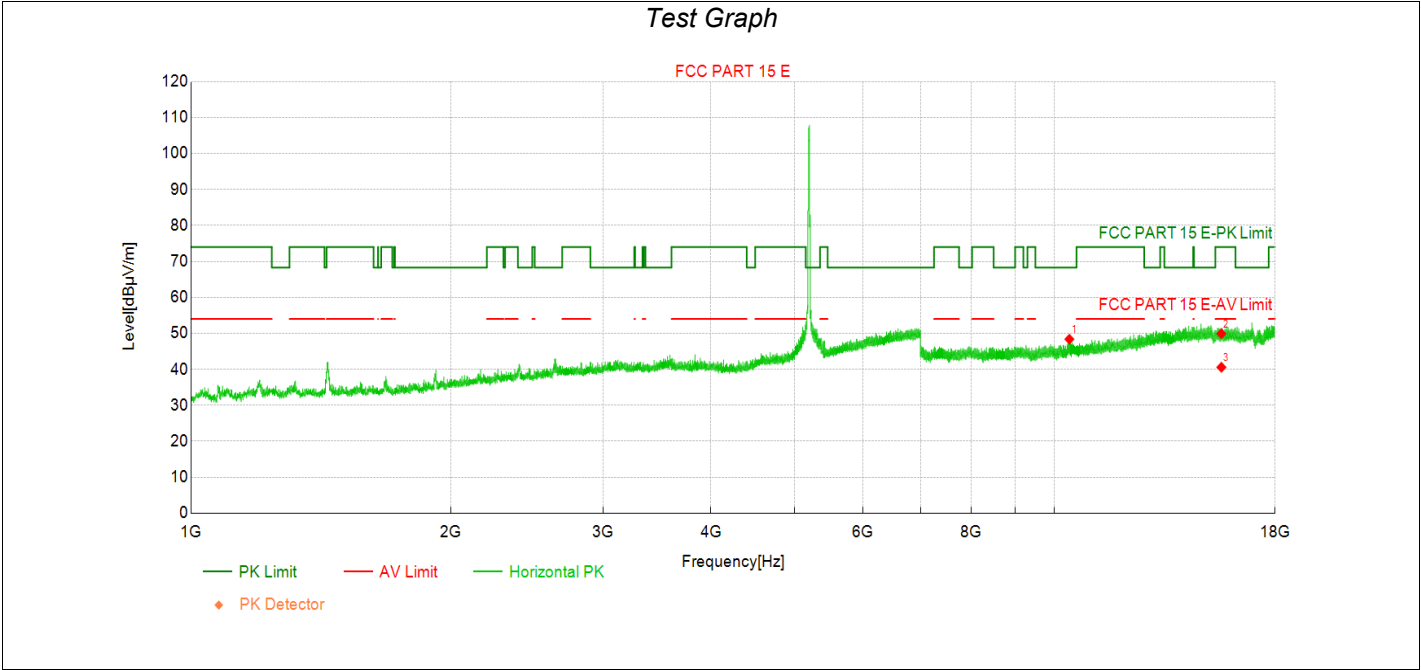
Transmit at 5180MHz by 802.11ax(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360.00	42.1	44.85	2.760	68.30	23.45	PK	Vertic	PASS
2	15540.00	38.6	49.36	10.800	74.00	24.64	PK	Vertic	PASS
3	15540.00	30.7	41.49	10.800	54.00	12.51	AV	Vertic	PASS

Transmit at 5200MHz by 802.11ax(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10401.75	45.6	48.38	2.760	68.30	19.92	PK	Horizo	PASS
2	15600.00	39.2	49.92	10.740	74.00	24.08	PK	Horizo	PASS
3	15600.00	29.8	40.58	10.740	54.00	13.42	AV	Horizo	PASS