

TEST REPORT

FCC ID: 2ADYY-CN5C

Product: Mobile Phone

Model No.: CN5c

Trade Mark: TECNO

Report No.: WSCT-ANAB-R&E251100089A-Wi-Fi2

Issued Date: 15 December 2025

Issued for:

TECNO MOBILE LIMITED
FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET
FOTAN NT HONGKONG

Issued By:

World Standardization Certification & Testing Group(Shenzhen) Co., Ltd.
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Report No.: WSCT-ANAB-R&E251100089A-Wi-Fi2

Issued: 15 December 2025

Revised: None

1 Test Certification

Product: Mobile Phone**Model No.:** CN5c**Trade Mark:** TECNO**Applicant:** **TECNO MOBILE LIMITED**
FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN
MEI STREET FOTAN NT HONGKONG**Manufacturer:** **TECNO MOBILE LIMITED**
FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN
MEI STREET FOTAN NT HONGKONG**Date of receipt:** 23 September 2025**Date of Test:** 24 September 2025 to 15 December 2025**Applicable Standards:** FCC CFR Title 47 FCC Part 15 Subpart E

The above equipment has been tested by World Standardization Certification & Testing Group(Shenzhen)Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:Wang Xiang
(Wang Xiang)**Checked By:**Qin Shiquan
(Qin Shiquan)**Approved By:**Li Huaibi
(Li Huaibi)**Date:**15 December 2025

2 EUT Description

Product:	Mobile Phone
Model No.:	CN5c
Software number	CN5c-16.1.0
Hardware number	V1.3
Trade Mark:	TECNO
Operation Frequency:	Band 1: 5180-5240 MHz Band 2: 5260-5320 MHz Band 3: 5500-5700 MHz Band 4: 5745-5825 MHz
Modulation type:	IEEE 802.11n/a: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
Antenna Type:	Integral Antenna
Antenna Gain	-1.3dBi
Operating Voltage:	Adapter 1: U450TSB(AH) Input: 100-240V~50/60Hz 1.8A Output: 5.0V~3.0A 15.0W or 5.0-10.0V~4.5A or 11.0V~4.1A 45.0W Max Adapter 2: U450TSB(KX) Input: 100-240V~50/60Hz 1.8A Output: 5.0V~3.0A 15.0W or 5.0-10.0V~4.5A or 11.0V~4.1A 45.0W Max Rechargeable Li-ion Polymer Battery: BL-60AT(Zhejiang Sunwoda Electronic Co.,Ltd.) Nominal Voltage: 3.92V Rated Capacity: 5990mAh/23.49Wh Typical Capacity: 6150mAh/24.11Wh Limited Charge Voltage: 4.53V Rechargeable Li-ion Polymer Battery: BL-60AT(Dongguan Amperex Technology Limited) Nominal Voltage: 3.92V Rated Capacity: 5990mAh/23.49Wh Typical Capacity: 6150mAh/24.11Wh Limited Charge Voltage: 4.53V
Remark:	N/A.

Note: 1. N/A stands for no applicable.

2. The antenna gain is provided by the customer. For any reported data issues caused by the antenna gain, World Standardization Certification & Testing Group (Shenzhen) Co., Ltd assumes no responsibility.

3 TEST DESCRIPTION

3.1 MEASUREMENT UNCERTAINTY

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 3.2\text{dB}$
2	RF power, conducted	$\pm 0.16\text{dB}$
3	Spurious emissions, conducted	$\pm 0.21\text{dB}$
4	All emissions, radiated(<1GHz)	$\pm 4.7\text{dB}$
5	All emissions, radiated(>1GHz)	$\pm 4.7\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$
8	Receiver Spurious Emissions	$\pm 2.5\%$
9	Transmitter Unwanted Emissions in the Spurious Domain	$\pm 2.5\%$
10	Transmitter Unwanted Emission in the out-of Band	$\pm 1.3\%$
11	Occupied Channel Bandwidth	$\pm 2.4\%$

NOTE:1.The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

2. The U_{lab} is less than U_{cispr} , compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

3. For conducted emission test of laboratory have a measurement uncertainty greater than that specified in harmonized standard, this equipment can still be used provided that an adjustment is made follows : any additional uncertainty in the test system over and above that specified in harmonized standard should be used to tighten the test requirements-making the test harder to pass. This procedure will ensure that a test system not compliant with harmonized standard does not increase the probability of passing a EUT that would otherwise have failed a test if a test system compliant with harmonized standard had been used.

3.2 TEST ENVIRONMENT AND MODE

Operating Environment:

Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar

Test Mode:

Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations(The value of duty cycle is 98.46%)
-------------------	--

The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. For the full battery state and The output power to the maximum state.

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Test Mode	Description
Mode 1	802.11a
Mode 2	802.11n20
Mode 3	802.11n40
Mode 4	802.11ac20
Mode 5	802.11ac40
Mode 6	802.11ac80

Note:

- (1) The measurements are performed at the highest, lowest available channels.
- (2) The EUT use new battery.
- (3) Record the worst case of each test item in this report.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Test program	*##3646633##*							
Mode	Test Frequency (MHz)							
	NCB: 20MHz							
802.11a	5180	5240	5260	5320	5500	5700	5745	5825
802.11n	5180	5240	5260	5320	5500	5700	5745	5825
802.11ac	5180	5240	5260	5320	5500	5700	5745	5825
NCB: 40MHz								
802.11n	5190	5230	5270	5310	5510	5670	5755	5795
802.11ac	5190	5230	5270	5310	5510	5670	5755	5795
NCB: 80MHz								
802.11ac	5210	5290	5530	5610	5775			

CONFIGURATION OF SYSTEM UNDER TEST



(EUT: Mobile Phone)

3.4 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Adapter	/	Adapter1-2	/	/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.
- (4) The adapter supply by the applicant.

4 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 Subpart C&E			
Standard Section	Test Item	Judgment	Remark
2.1049 15.403(i)	26dB & 99% Bandwidth	PASS	Complies
15.407(e)	6dB Spectrum Bandwidth	PASS	Complies
15.407(a)	Maximum Conducted Output Power	PASS	Complies
15.407(a)	Power Spectral Density	PASS	Complies
15.407(b)	Unwanted Emissions	PASS	Complies
15.207	AC Conducted Emission	PASS	Complies
15.407(g)	Frequency Stability	PASS	Complies
15.407(c)	Automatically Discontinue Transmission	PASS	Complies
15.203 & 15.407(a)	Antenna Requirement	PASS	Complies
15.407(h)	Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS)	PASS	Complies

NOTE:

(1) "N/A" denotes test is not applicable in this test report.

5 MEASUREMENT INSTRUMENTS

NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.
Test software	--	EZ-EMC	CON-03A	-	-
Test software	--	MTS8310	-	-	-
EMI Test Receiver	R&S	ESCI	100005	2025-11-05	2026-11-04
LISN	AFJ	LS16	16010222119	2025-11-05	2026-11-04
LISN(EUT)	Mestec	AN3016	04/10040	2025-11-05	2026-11-04
Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	2025-11-05	2026-11-04
Coaxial cable	Megalon	LMR400	N/A	2025-11-05	2026-11-04
GPIO cable	Megalon	GPIO	N/A	2025-11-05	2026-11-04
Spectrum Analyzer	R&S	FSU	100114	2025-11-05	2026-11-04
Pre Amplifier	H.P.	HP8447E	2945A02715	2025-11-05	2026-11-04
Pre-Amplifier	CDSI	PAP-1G18-38	--	2025-11-05	2026-11-04
Bi-log Antenna	SCHWARZBECK	VULB9168	01488	2025-07-29	2026-07-28
9*6*6 Anechoic	--	--	--	2025-11-05	2026-11-04
Horn Antenna	COMPLIANCE ENGINEERING	CE18000	--	2025-11-05	2026-11-04
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	2025-11-05	2026-11-04
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	2025-11-05	2026-11-04
System-Controller	CCS	N/A	N/A	N.C.R	N.C.R
Turn Table	CCS	N/A	N/A	N.C.R	N.C.R
Antenna Tower	CCS	N/A	N/A	N.C.R	N.C.R
RF cable	Murata	MXHQ87WA3000	-	2025-11-05	2026-11-04
Loop Antenna	EMCO	6502	00042960	2025-11-05	2026-11-04
Horn Antenna	SCHWARZBECK	BBHA 9170	1123	2025-11-05	2026-11-04
Power meter	Anritsu	ML2487A	6K00003613	2025-11-05	2026-11-04
Power sensor	Anritsu	MX248XD	--	2025-11-05	2026-11-04
Spectrum Analyzer	Keysight	N9010B	MY60241089	2025-11-05	2026-11-04

6 Facilities and Accreditations

6.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

USA

ANAB - Certificate Number: AT-3951

China

CNAS (Registration Number: L3732)

Canada

ISED(CAB identifier:CN0178)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>

7 Test Results and Measurement Data

7.1 CONDUCTED EMISSION MEASUREMENT

POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

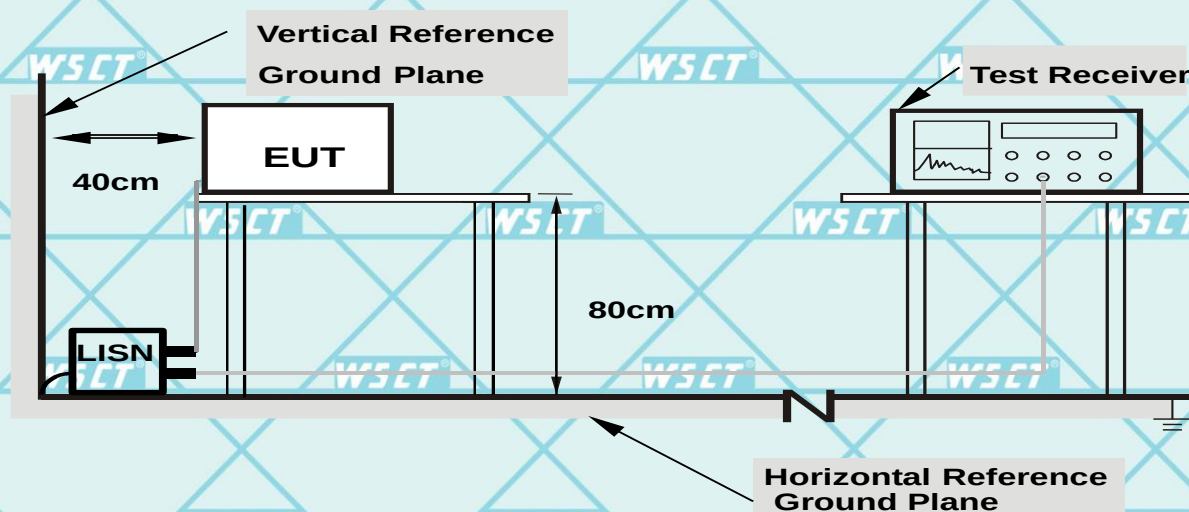
7.1.1 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

7.2 DEVIATION FROM TEST STANDARD

No deviation

TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

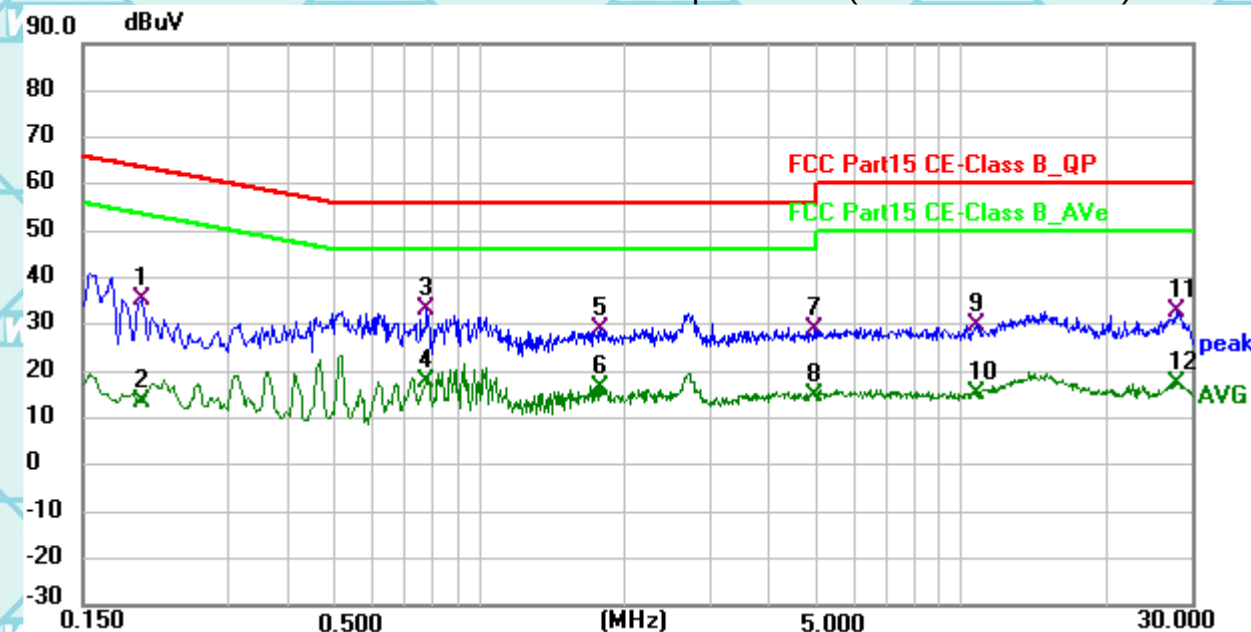
7.2.1 EUT OPERATING CONDITIONS

The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

7.2.2 TEST RESULTS

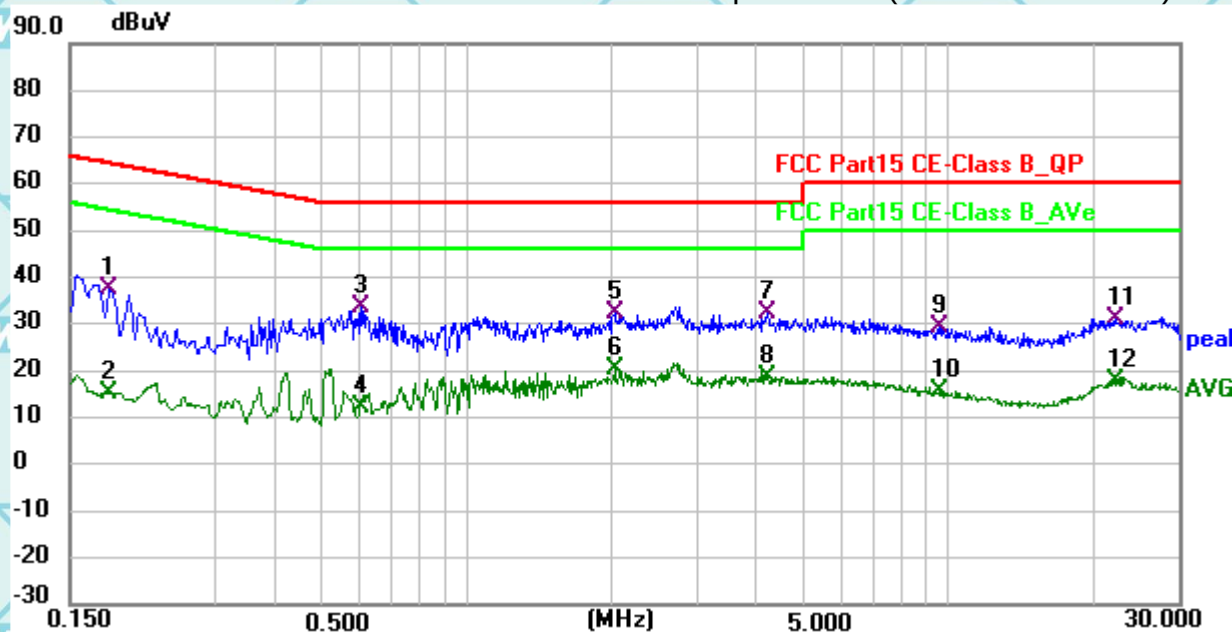
Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)-worst



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1995	14.66	20.69	35.35	63.63	-28.28	QP
2	0.1995	-7.02	20.69	13.67	53.63	-39.96	AVG
3 *	0.7755	12.71	20.57	33.28	56.00	-22.72	QP
4	0.7755	-2.78	20.57	17.79	46.00	-28.21	AVG
5	1.7835	8.36	20.62	28.98	56.00	-27.02	QP
6	1.7835	-4.10	20.62	16.52	46.00	-29.48	AVG
7	4.9380	8.39	20.57	28.96	56.00	-27.04	QP
8	4.9380	-5.98	20.57	14.59	46.00	-31.41	AVG
9	10.7340	9.33	20.41	29.74	60.00	-30.26	QP
10	10.7340	-5.11	20.41	15.30	50.00	-34.70	AVG
11	28.1355	11.92	20.96	32.88	60.00	-27.12	QP
12	28.1355	-3.52	20.96	17.44	50.00	-32.56	AVG

Remark: All the modes have been investigated, and only worst mode is presented in this report.

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1815	16.92	20.70	37.62	64.42	-26.80	QP
2	0.1815	-5.44	20.70	15.26	54.42	-39.16	AVG
3 *	0.6000	13.08	20.52	33.60	56.00	-22.40	QP
4	0.6000	-8.34	20.52	12.18	46.00	-33.82	AVG
5	2.0310	11.89	20.61	32.50	56.00	-23.50	QP
6	2.0310	-0.15	20.61	20.46	46.00	-25.54	AVG
7	4.2090	11.62	20.58	32.20	56.00	-23.80	QP
8	4.2090	-1.99	20.58	18.59	46.00	-27.41	AVG
9	9.5685	9.00	20.46	29.46	60.00	-30.54	QP
10	9.5685	-4.96	20.46	15.50	50.00	-34.50	AVG
11	22.2990	10.66	20.42	31.08	60.00	-28.92	QP
12	22.2990	-2.77	20.42	17.65	50.00	-32.35	AVG

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) - Limits (dBuV)

Q.P. = Quasi-Peak AVG = average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

7.3 RADIATED EMISSION MEASUREMENT

Radiated Emission Limits (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

7.3.1 TEST PROCEDURE

- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

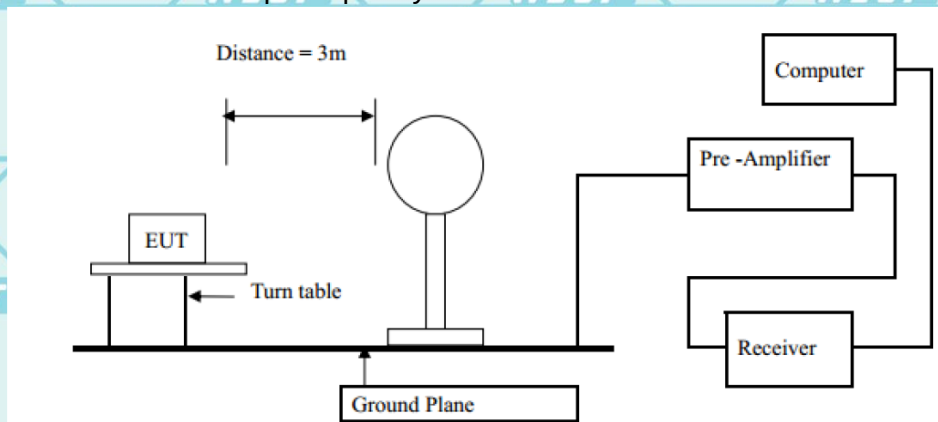
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

7.3.2 DEVIATION FROM TEST STANDARD

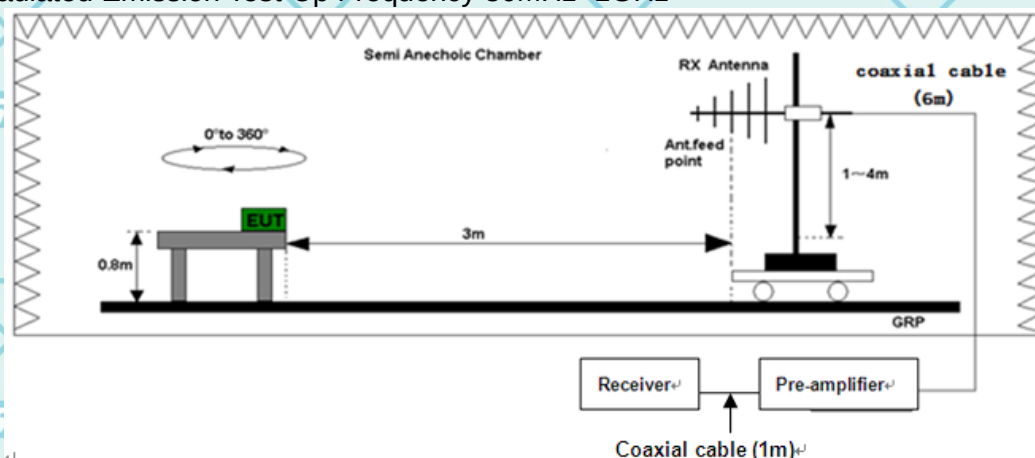
No deviation

7.3.3 TEST SETUP

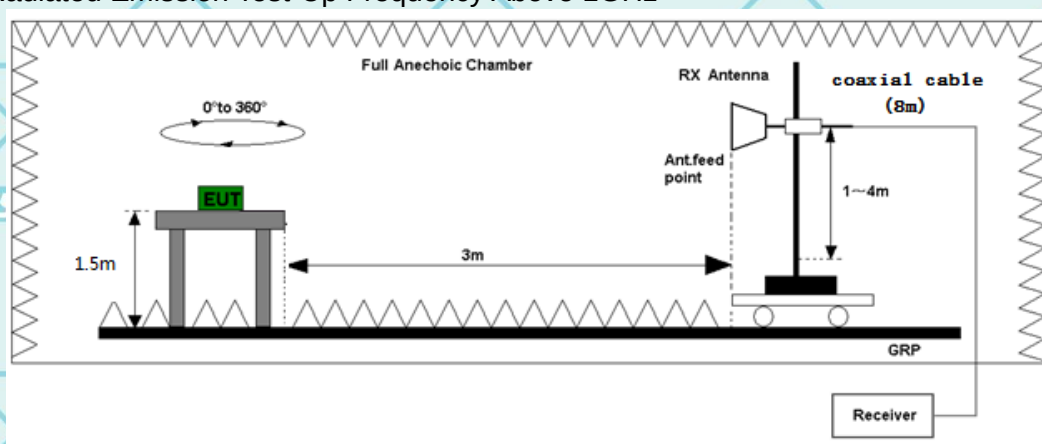
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



7.3.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

7.3.5 RESULTS (BELOW 30 MHz)

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

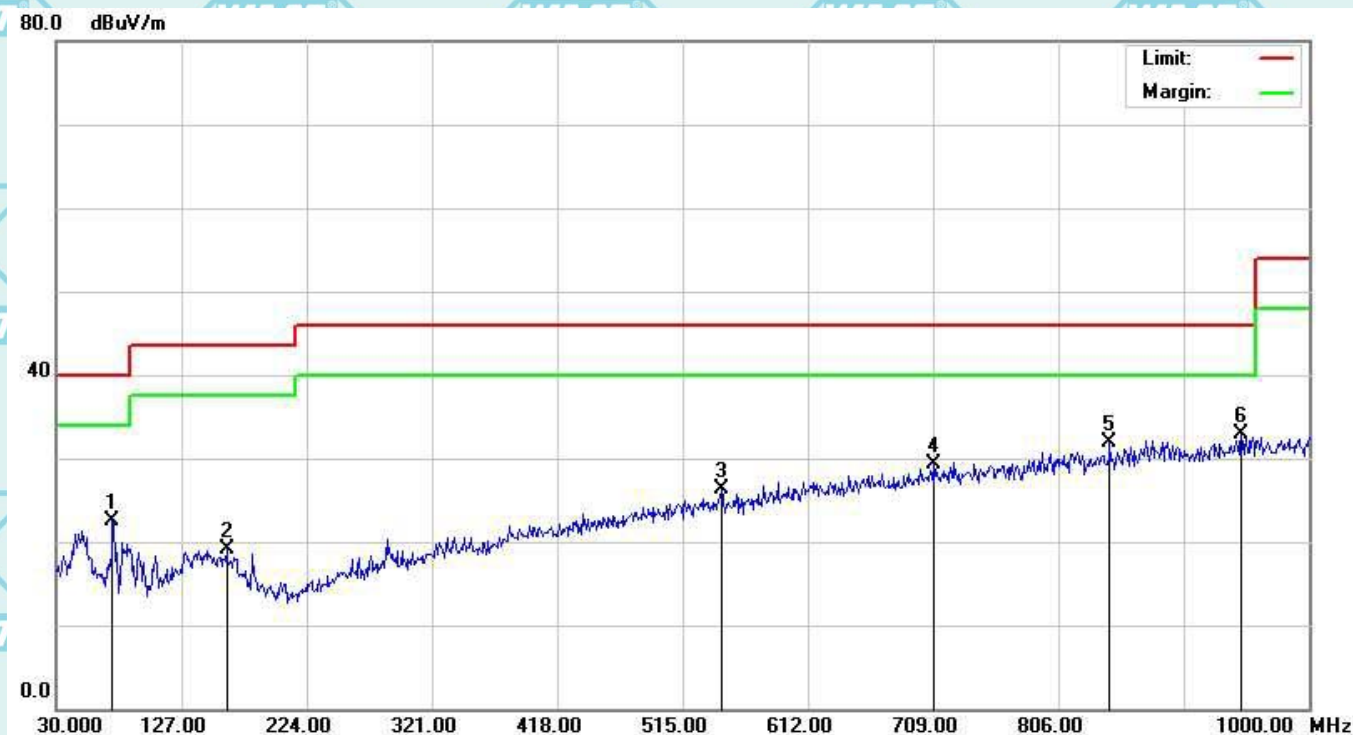
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

7.3.6 TEST RESULTS (BETWEEN 30M – 1000 MHZ)

Please refer to following diagram for individual
Below 1GHz

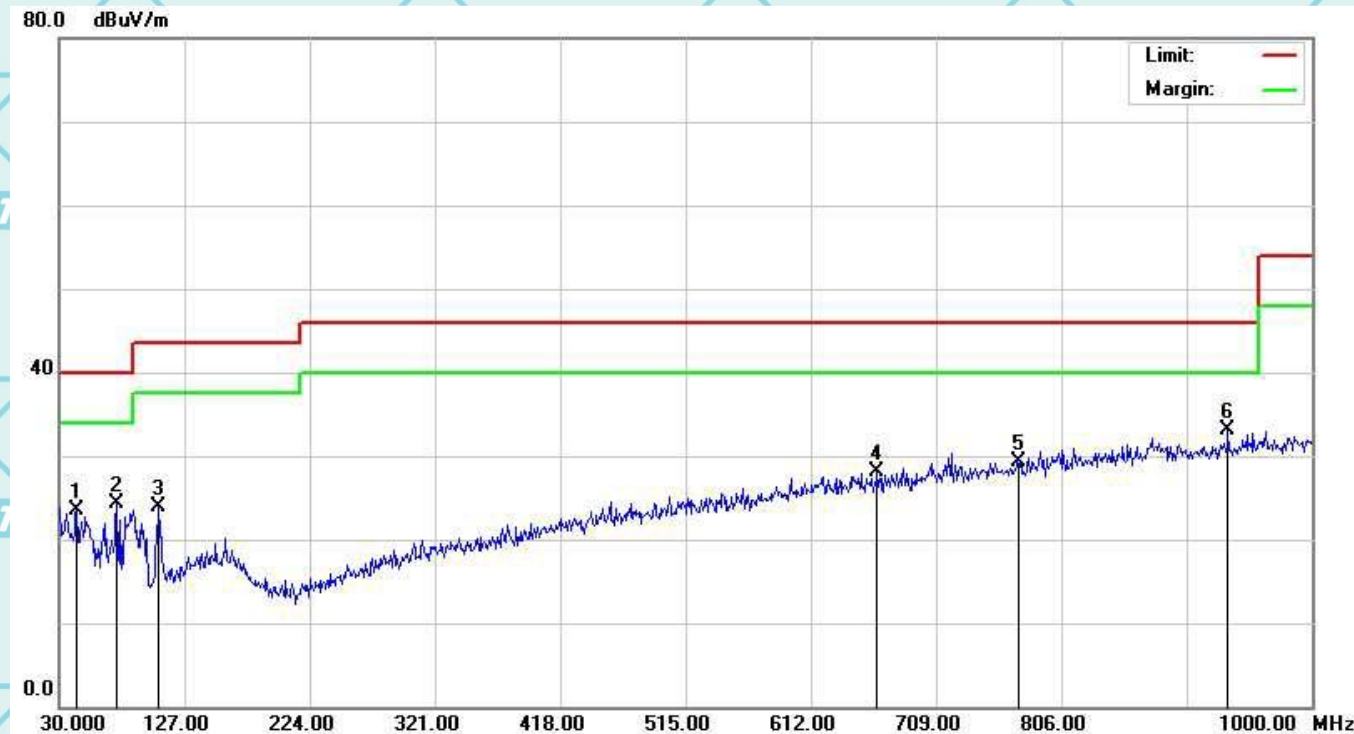
Horizontal:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		73.6500	33.53	-11.06	22.47	40.00	-17.53	QP
2		161.9200	26.04	-6.85	19.19	43.50	-24.31	QP
3		545.0700	26.56	-0.22	26.34	46.00	-19.66	QP
4		709.0000	26.09	3.27	29.36	46.00	-16.64	QP
5		845.7700	26.13	5.83	31.96	46.00	-14.04	QP
6	*	947.6200	25.57	7.27	32.84	46.00	-13.16	QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

Vertical:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		43.5800	43.93	-20.52	23.41	40.00	-16.59	QP
2		74.6200	44.59	-20.25	24.34	40.00	-15.66	QP
3		106.6300	44.05	-20.17	23.88	43.50	-19.62	QP
4		663.4099	45.44	-17.40	28.04	46.00	-17.96	QP
5		772.0500	46.06	-16.82	29.24	46.00	-16.76	QP
6	*	935.0100	48.77	-15.72	33.05	46.00	-12.95	QP

Note1:

Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

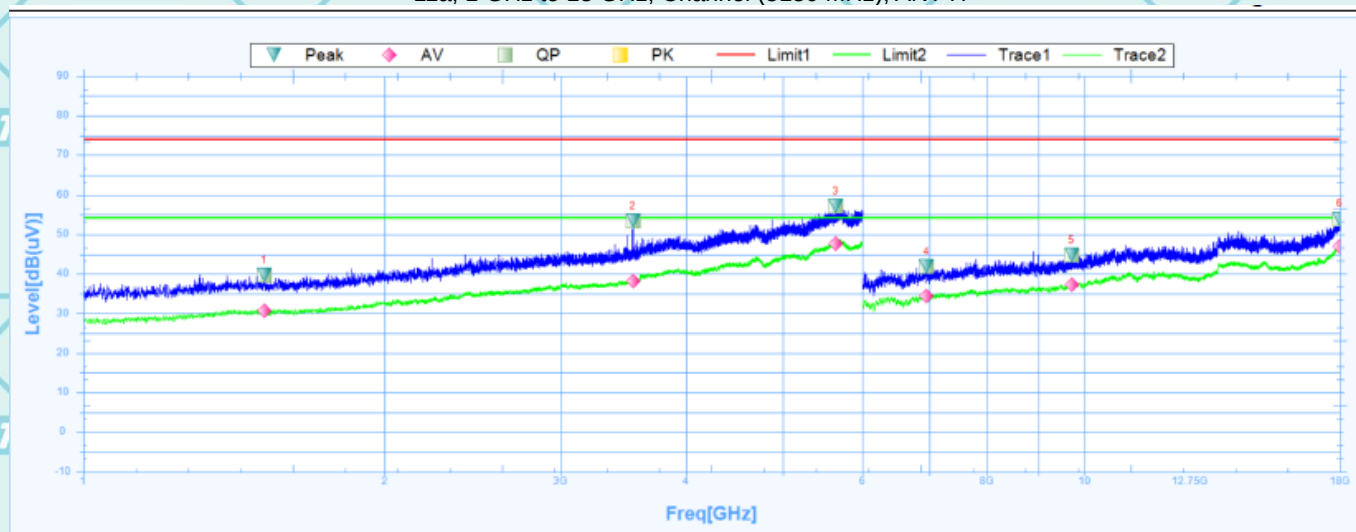
Margin (dB) = Measurement (dBμV) - Limits (dBμV)

7.3.7 TEST RESULTS (ABOVE 1GHZ)

Note: 1. The spurious above 18G is noise only, do not show on the report.

2. Report and only recorded the worst-case scenario 802.11a.

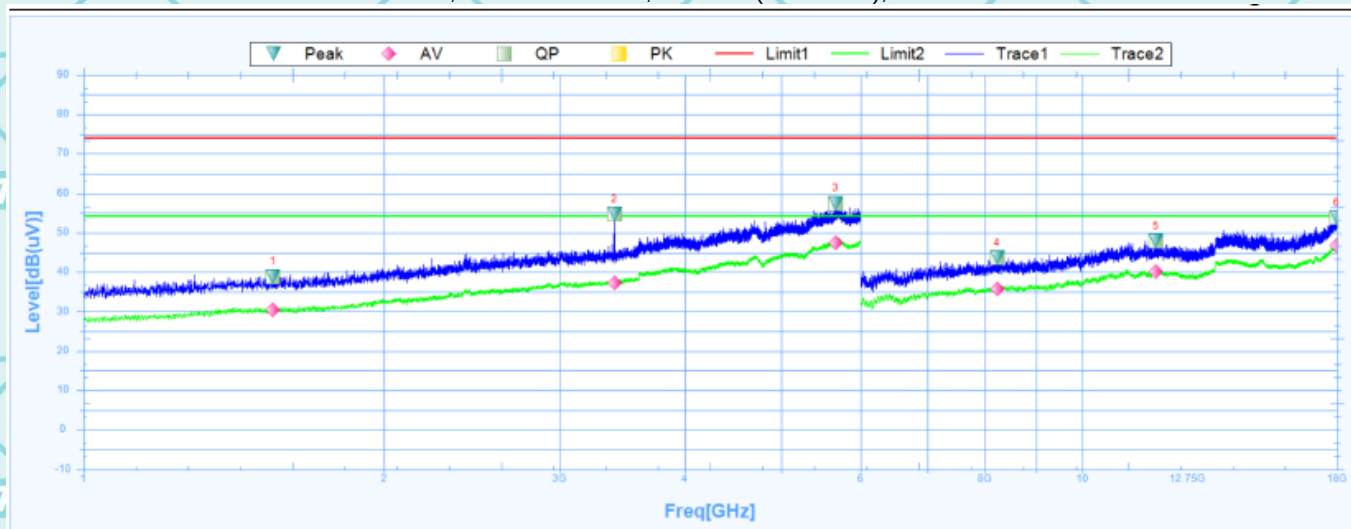
11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1515.6250	39.67	24.98	14.69	74	-34.33	201.8	Horizontal	PK	Pass
1	1515.6250	30.68	24.98	5.7	54	-23.32	201.8	Horizontal	AV	Pass
2	3541.8750	53.46	28.6	24.86	74	-20.54	359.5	Horizontal	PK	Pass
2	3541.8750	38.06	28.6	9.46	54	-15.94	359.5	Horizontal	AV	Pass
3	5645.0000	57.22	32.23	24.99	74	-16.78	258	Horizontal	PK	Pass
3	5645.0000	47.76	32.23	15.53	54	-6.24	258	Horizontal	AV	Pass
4	6955.5000	41.82	6.21	35.61	74	-32.18	345.9	Horizontal	PK	Pass
4	6955.5000	34.44	6.21	28.23	54	-19.56	345.9	Horizontal	AV	Pass
5	9709.5000	44.87	11.66	33.21	74	-29.13	133.1	Horizontal	PK	Pass
5	9709.5000	37.34	11.66	25.68	54	-16.66	133.1	Horizontal	AV	Pass
6	17989.5000	53.96	23.86	30.1	74	-20.04	267	Horizontal	PK	Pass
6	17989.5000	46.92	23.86	23.06	54	-7.08	267	Horizontal	AV	Pass

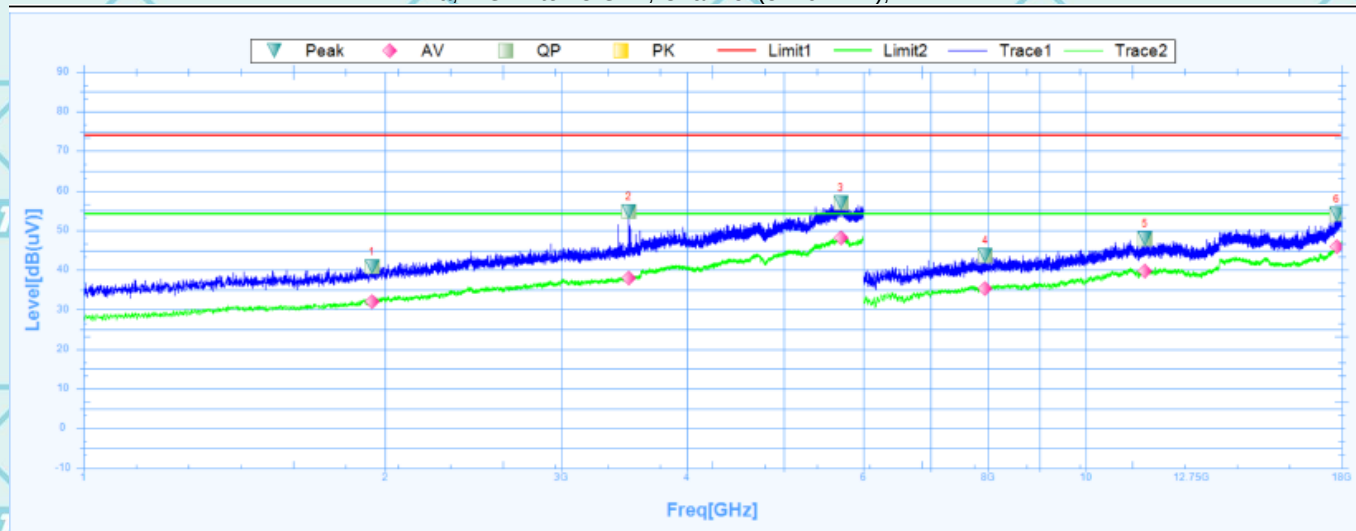
11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1548.7500	38.94	24.95	13.99	74	-35.06	96.6	Vertical	PK	Pass
1	1548.7500	30.34	24.95	5.39	54	-23.66	96.6	Vertical	AV	Pass
2	3401.8750	54.79	28.44	26.35	74	-19.21	162.2	Vertical	PK	Pass
2	3401.8750	37.24	28.44	8.8	54	-16.76	162.2	Vertical	AV	Pass
3	5666.8750	57.49	32.27	25.22	74	-16.51	138.3	Vertical	PK	Pass
3	5666.8750	47.54	32.27	15.27	54	-6.46	138.3	Vertical	AV	Pass
4	8221.5000	43.67	8.81	34.86	74	-30.33	82.8	Vertical	PK	Pass
4	8221.5000	35.76	8.81	26.95	54	-18.24	82.8	Vertical	AV	Pass
5	11860.5000	47.97	16.41	31.56	74	-26.03	221.5	Vertical	PK	Pass
5	11860.5000	40.13	16.41	23.72	54	-13.87	221.5	Vertical	AV	Pass
6	17976.0000	53.8	23.76	30.04	74	-20.2	274.1	Vertical	PK	Pass
6	17976.0000	46.78	23.76	23.02	54	-7.22	274.1	Vertical	AV	Pass

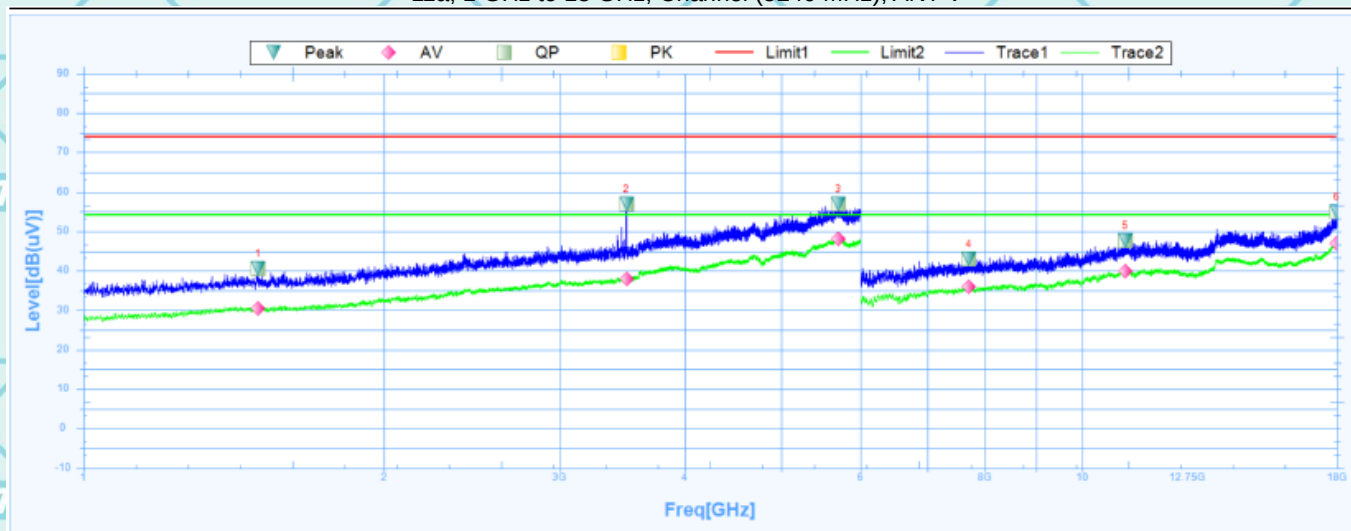
11a, 1 GHz to 18 GHz, Channel (5240 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1940.6250	40.76	25.63	15.13	74	-33.24	258	Horizontal	PK	Pass
1	1940.6250	31.96	25.63	6.33	54	-22.04	258	Horizontal	AV	Pass
2	3501.8750	54.63	28.5	26.13	74	-19.37	228.1	Horizontal	PK	Pass
2	3501.8750	37.96	28.5	9.46	54	-16.04	228.1	Horizontal	AV	Pass
3	5698.1250	56.99	32.32	24.67	74	-17.01	0	Horizontal	PK	Pass
3	5698.1250	48.09	32.32	15.77	54	-5.91	0	Horizontal	AV	Pass
4	7944.0000	43.63	8.12	35.51	74	-30.37	230	Horizontal	PK	Pass
4	7944.0000	35.23	8.12	27.11	54	-18.77	230	Horizontal	AV	Pass
5	11461.5000	47.87	16.02	31.85	74	-26.13	270.6	Horizontal	PK	Pass
5	11461.5000	39.62	16.02	23.6	54	-14.38	270.6	Horizontal	AV	Pass
6	17802.0000	54.04	22.63	31.41	74	-19.96	47.1	Horizontal	PK	Pass
6	17802.0000	45.8	22.63	23.17	54	-8.2	47.1	Horizontal	AV	Pass

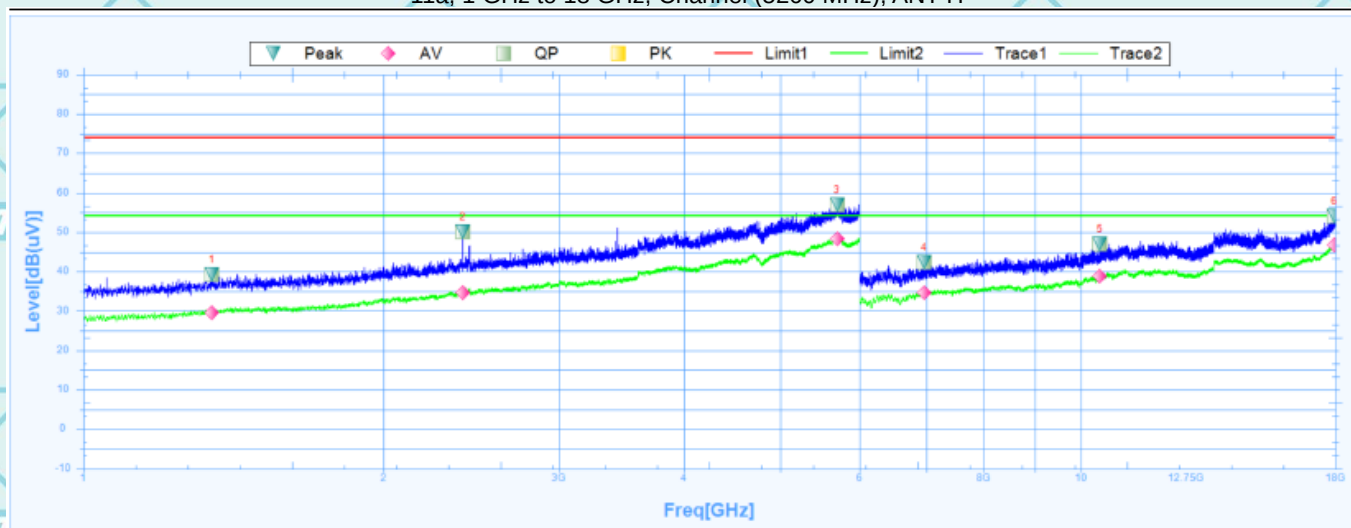
11a, 1 GHz to 18 GHz, Channel (5240 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1496.2500	40.55	25	15.55	74	-33.45	307	Vertical	PK	Pass
1	1496.2500	30.52	25	5.52	54	-23.48	307	Vertical	AV	Pass
2	3498.1250	56.95	28.5	28.45	74	-17.05	59.5	Vertical	PK	Pass
2	3498.1250	38.02	28.5	9.52	54	-15.98	59.5	Vertical	AV	Pass
3	5703.1250	57	32.32	24.68	74	-17	106.2	Vertical	PK	Pass
3	5703.1250	48.15	32.32	15.83	54	-5.85	106.2	Vertical	AV	Pass
4	7705.5000	43.02	7.96	35.06	74	-30.98	165.4	Vertical	PK	Pass
4	7705.5000	35.89	7.96	27.93	54	-18.11	165.4	Vertical	AV	Pass
5	11046.0000	47.66	15.77	31.89	74	-26.34	48.2	Vertical	PK	Pass
5	11046.0000	39.88	15.77	24.11	54	-14.12	48.2	Vertical	AV	Pass
6	17985.0000	54.98	23.82	31.16	74	-19.02	203.5	Vertical	PK	Pass
6	17985.0000	46.93	23.82	23.11	54	-7.07	203.5	Vertical	AV	Pass

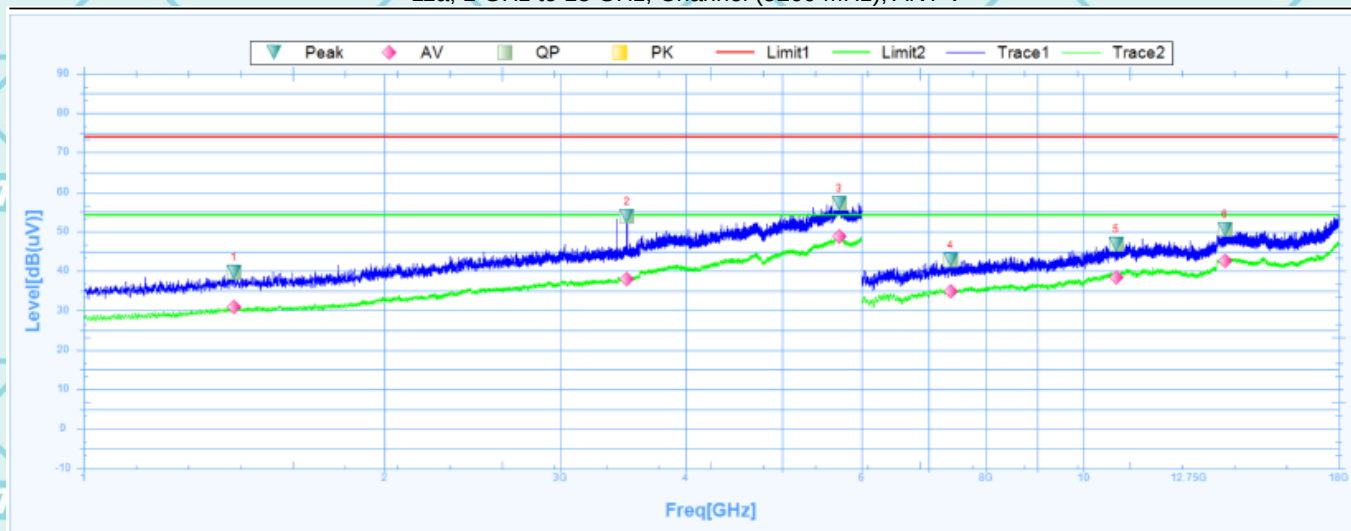
11a, 1 GHz to 18 GHz, Channel (5260 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1345.0000	39.29	24.91	14.38	74	-34.71	304.6	Horizontal	PK	Pass
1	1345.0000	29.59	24.91	4.68	54	-24.41	304.6	Horizontal	AV	Pass
2	2402.5000	50.07	27.27	22.8	74	-23.93	347.8	Horizontal	PK	Pass
2	2402.5000	34.69	27.27	7.42	54	-19.31	347.8	Horizontal	AV	Pass
3	5696.2500	56.91	32.31	24.6	74	-17.09	358.7	Horizontal	PK	Pass
3	5696.2500	48.25	32.31	15.94	54	-5.75	358.7	Horizontal	AV	Pass
4	6964.5000	42.27	6.24	36.03	74	-31.73	123.6	Horizontal	PK	Pass
4	6964.5000	34.6	6.24	28.36	54	-19.4	123.6	Horizontal	AV	Pass
5	10456.5000	46.97	13.77	33.2	74	-27.03	358.1	Horizontal	PK	Pass
5	10456.5000	38.77	13.77	25	54	-15.23	358.1	Horizontal	AV	Pass
6	17955.0000	53.99	23.61	30.38	74	-20.01	123.6	Horizontal	PK	Pass
6	17955.0000	46.68	23.61	23.07	54	-7.32	123.6	Horizontal	AV	Pass

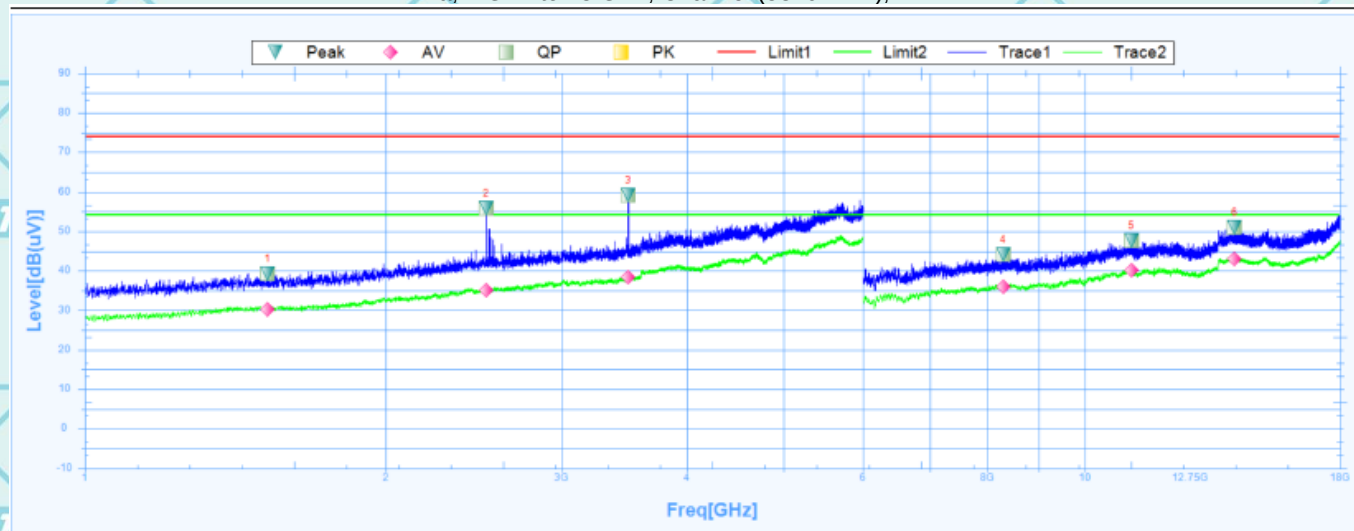
11a, 1 GHz to 18 GHz, Channel (5260 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1413.1250	39.8	25.09	14.71	74	-34.2	90.6	Vertical	PK	Pass
1	1413.1250	30.98	25.09	5.89	54	-23.02	90.6	Vertical	AV	Pass
2	3497.5000	53.8	28.5	25.3	74	-20.2	188.6	Vertical	PK	Pass
2	3497.5000	37.87	28.5	9.37	54	-16.13	188.6	Vertical	AV	Pass
3	5698.1250	57.15	32.32	24.83	74	-16.85	22.5	Vertical	PK	Pass
3	5698.1250	48.81	32.32	16.49	54	-5.19	22.5	Vertical	AV	Pass
4	7363.5000	42.84	7.03	35.81	74	-31.16	0.5	Vertical	PK	Pass
4	7363.5000	34.86	7.03	27.83	54	-19.14	0.5	Vertical	AV	Pass
5	10780.5000	46.7	14.74	31.96	74	-27.3	250.4	Vertical	PK	Pass
5	10780.5000	38.5	14.74	23.76	54	-15.5	250.4	Vertical	AV	Pass
6	13851.0000	50.44	18.69	31.75	74	-23.56	1.3	Vertical	PK	Pass
6	13851.0000	42.68	18.69	23.99	54	-11.32	1.3	Vertical	AV	Pass

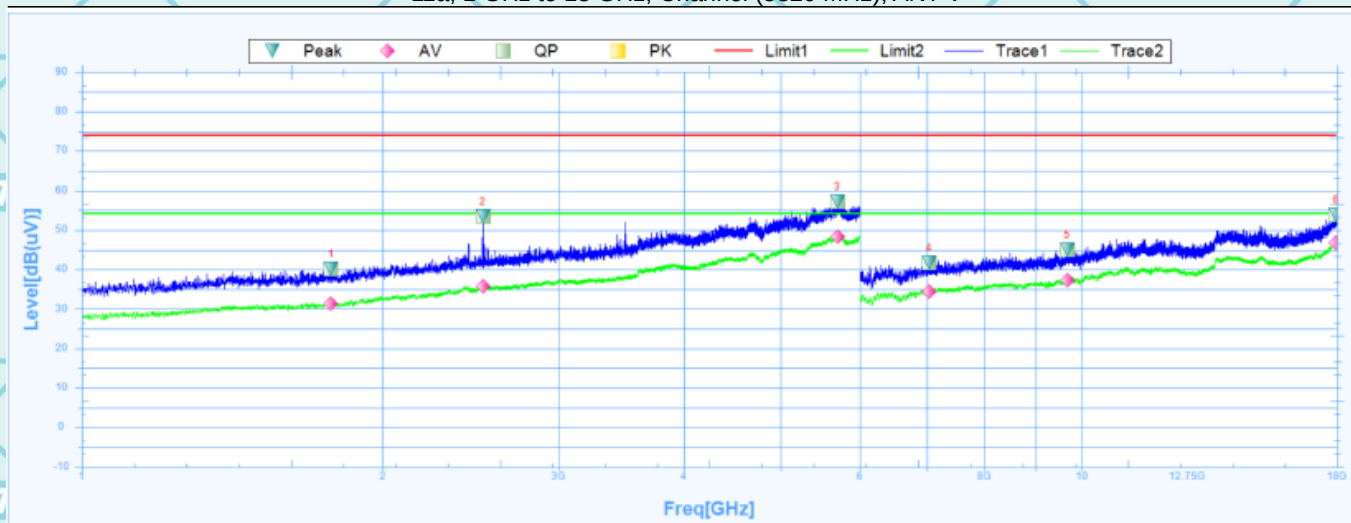
11a, 1 GHz to 18 GHz, Channel (5320 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1523.7500	39.35	24.98	14.37	74	-34.65	13.4	Horizontal	PK	Pass
1	1523.7500	30.26	24.98	5.28	54	-23.74	13.4	Horizontal	AV	Pass
2	2520.6250	55.75	27.62	28.13	74	-18.25	213.2	Horizontal	PK	Pass
2	2520.6250	35.09	27.62	7.47	54	-18.91	213.2	Horizontal	AV	Pass
3	3497.5000	59.23	28.5	30.73	74	-14.77	137.9	Horizontal	PK	Pass
3	3497.5000	38.41	28.5	9.91	54	-15.59	137.9	Horizontal	AV	Pass
4	8292.0000	44.13	8.93	35.2	74	-29.87	49.9	Horizontal	PK	Pass
4	8292.0000	35.91	8.93	26.98	54	-18.09	49.9	Horizontal	AV	Pass
5	11134.5000	47.56	15.83	31.73	74	-26.44	9.8	Horizontal	PK	Pass
5	11134.5000	40.08	15.83	24.25	54	-13.92	9.8	Horizontal	AV	Pass
6	14124.0000	50.88	19	31.88	74	-23.12	271	Horizontal	PK	Pass
6	14124.0000	43.13	19	24.13	54	-10.87	271	Horizontal	AV	Pass

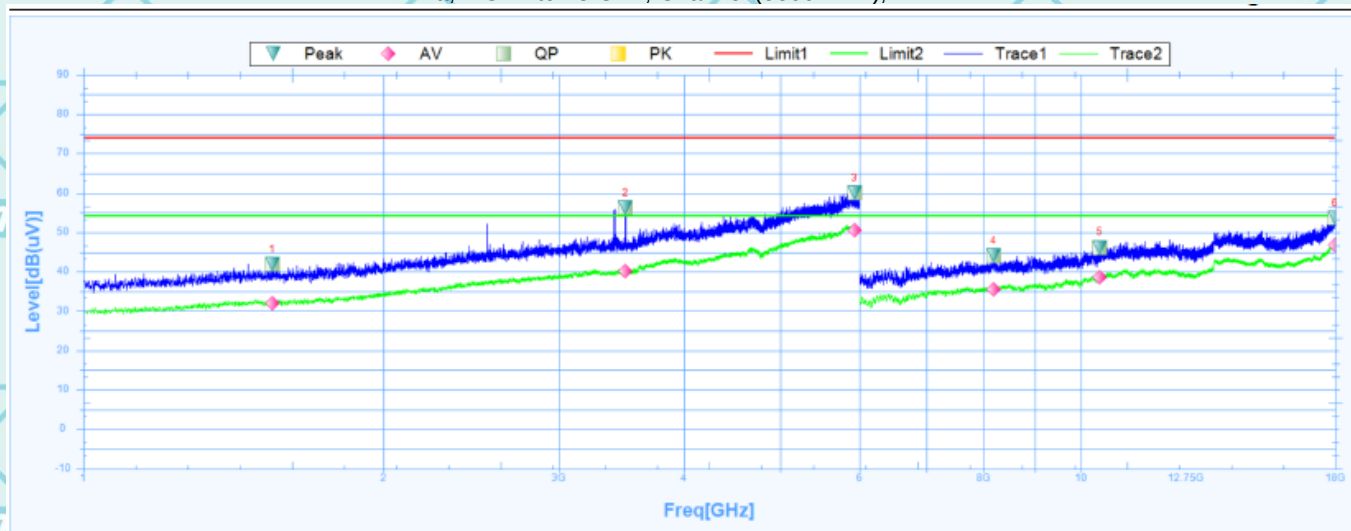
11a, 1 GHz to 18 GHz, Channel (5320 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1775.6250	40.18	24.99	15.19	74	-33.82	85.4	Vertical	PK	Pass
1	1775.6250	31.34	24.99	6.35	54	-22.66	85.4	Vertical	AV	Pass
2	2518.1250	53.39	27.62	25.77	74	-20.61	2.2	Vertical	PK	Pass
2	2518.1250	35.66	27.62	8.04	54	-18.34	2.2	Vertical	AV	Pass
3	5698.7500	57.15	32.32	24.83	74	-16.85	10.1	Vertical	PK	Pass
3	5698.7500	48.23	32.32	15.91	54	-5.77	10.1	Vertical	AV	Pass
4	7038.0000	41.69	6.46	35.23	74	-32.31	232.9	Vertical	PK	Pass
4	7038.0000	34.39	6.46	27.93	54	-19.61	232.9	Vertical	AV	Pass
5	9672.0000	44.96	11.55	33.41	74	-29.04	0	Vertical	PK	Pass
5	9672.0000	37.25	11.55	25.7	54	-16.75	0	Vertical	AV	Pass
6	17967.0000	53.93	23.7	30.23	74	-20.07	359	Vertical	PK	Pass
6	17967.0000	46.83	23.7	23.13	54	-7.17	359	Vertical	AV	Pass

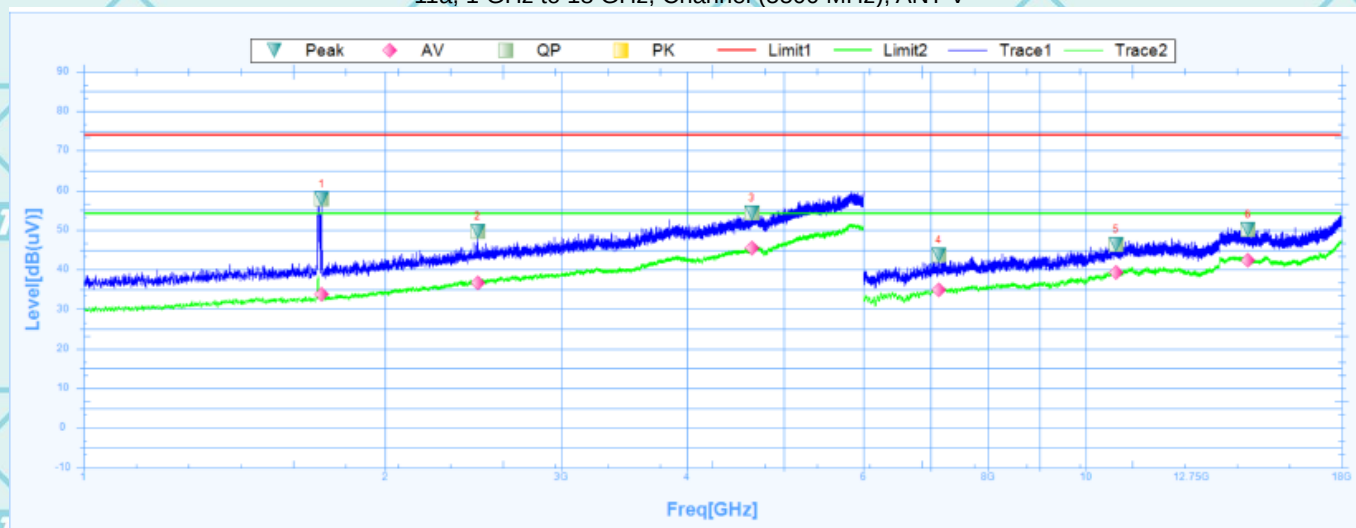
11a, 1 GHz to 18 GHz, Channel (5500 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1546.8750	41.99	24.95	17.04	74	-32.01	72.2	Horizontal	PK	Pass
1	1546.8750	32.08	24.95	7.13	54	-21.92	72.2	Horizontal	AV	Pass
2	3497.5000	56.22	28.5	27.72	74	-17.78	251.6	Horizontal	PK	Pass
2	3497.5000	40.12	28.5	11.62	54	-13.88	251.6	Horizontal	AV	Pass
3	5932.5000	60.11	32.69	27.42	74	-13.89	360.1	Horizontal	PK	Pass
3	5932.5000	50.57	32.69	17.88	54	-3.43	360.1	Horizontal	AV	Pass
4	8178.0000	44.07	8.69	35.38	74	-29.93	102.6	Horizontal	PK	Pass
4	8178.0000	35.6	8.69	26.91	54	-18.4	102.6	Horizontal	AV	Pass
5	10452.0000	46.22	13.75	32.47	74	-27.78	213.7	Horizontal	PK	Pass
5	10452.0000	38.61	13.75	24.86	54	-15.39	213.7	Horizontal	AV	Pass
6	17979.0000	53.59	23.78	29.81	74	-20.41	359.6	Horizontal	PK	Pass
6	17979.0000	46.89	23.78	23.11	54	-7.11	359.6	Horizontal	AV	Pass

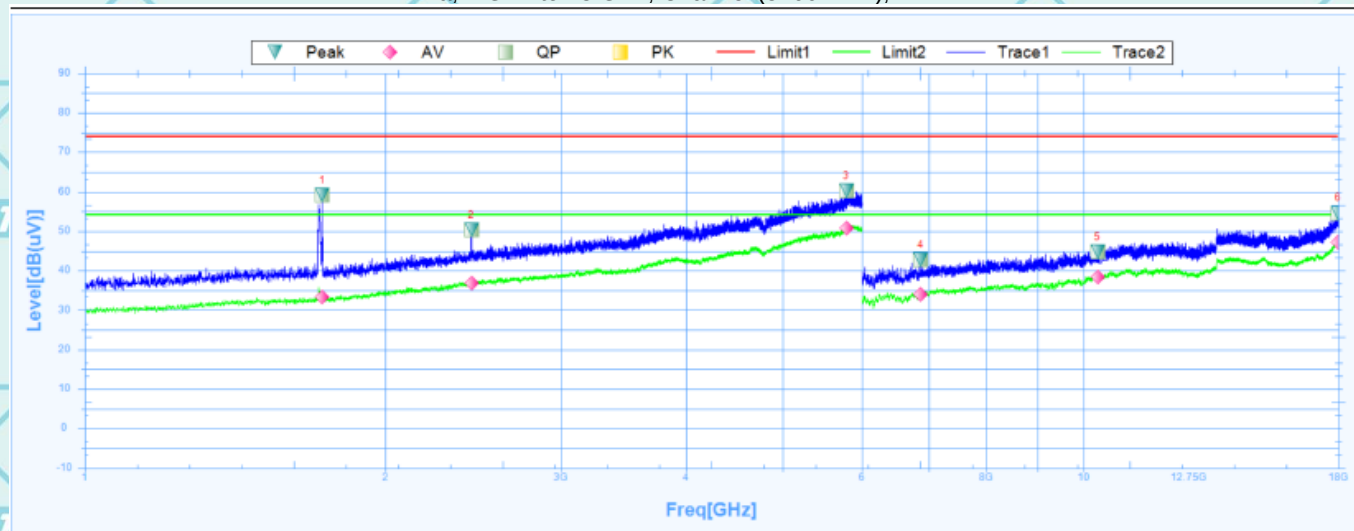
11a, 1 GHz to 18 GHz, Channel (5500 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1728.7500	57.78	24.96	32.82	74	-16.22	329.3	Vertical	PK	Pass
1	1728.7500	33.75	24.96	8.79	54	-20.25	329.3	Vertical	AV	Pass
2	2473.1250	49.64	27.51	22.13	74	-24.36	268.3	Vertical	PK	Pass
2	2473.1250	36.6	27.51	9.09	54	-17.4	268.3	Vertical	AV	Pass
3	4643.7500	54.2	30.89	23.31	74	-19.8	0.8	Vertical	PK	Pass
3	4643.7500	45.35	30.89	14.46	54	-8.65	0.8	Vertical	AV	Pass
4	7134.0000	43.6	6.88	36.72	74	-30.4	211.3	Vertical	PK	Pass
4	7134.0000	34.92	6.88	28.04	54	-19.08	211.3	Vertical	AV	Pass
5	10719.0000	46.34	14.64	31.7	74	-27.66	66.6	Vertical	PK	Pass
5	10719.0000	39.38	14.64	24.74	54	-14.62	66.6	Vertical	AV	Pass
6	14526.0000	50.13	18.61	31.52	74	-23.87	314.1	Vertical	PK	Pass
6	14526.0000	42.27	18.61	23.66	54	-11.73	314.1	Vertical	AV	Pass

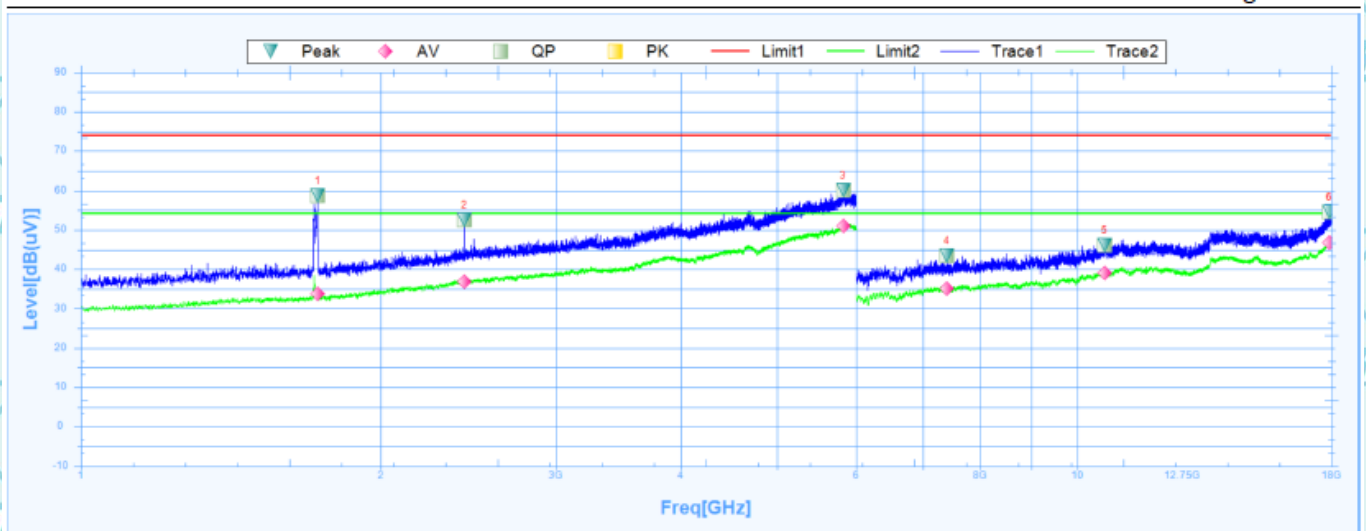
11a, 1 GHz to 18 GHz, Channel (5700 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1729.3750	59.13	24.96	34.17	74	-14.87	355.8	Horizontal	PK	Pass
1	1729.3750	33.27	24.96	8.31	54	-20.73	355.8	Horizontal	AV	Pass
2	2438.1250	50.34	27.39	22.95	74	-23.66	59	Horizontal	PK	Pass
2	2438.1250	36.8	27.39	9.41	54	-17.2	59	Horizontal	AV	Pass
3	5788.7500	60.3	32.46	27.84	74	-13.7	167.8	Horizontal	PK	Pass
3	5788.7500	50.85	32.46	18.39	54	-3.15	167.8	Horizontal	AV	Pass
4	6871.5000	42.73	5.91	36.82	74	-31.27	151.5	Horizontal	PK	Pass
4	6871.5000	33.98	5.91	28.07	54	-20.02	151.5	Horizontal	AV	Pass
5	10333.5000	44.81	13.39	31.42	74	-29.19	51.1	Horizontal	PK	Pass
5	10333.5000	38.47	13.39	25.08	54	-15.53	51.1	Horizontal	AV	Pass
6	17983.5000	54.61	23.81	30.8	74	-19.39	134.7	Horizontal	PK	Pass
6	17983.5000	47.22	23.81	23.41	54	-6.78	134.7	Horizontal	AV	Pass

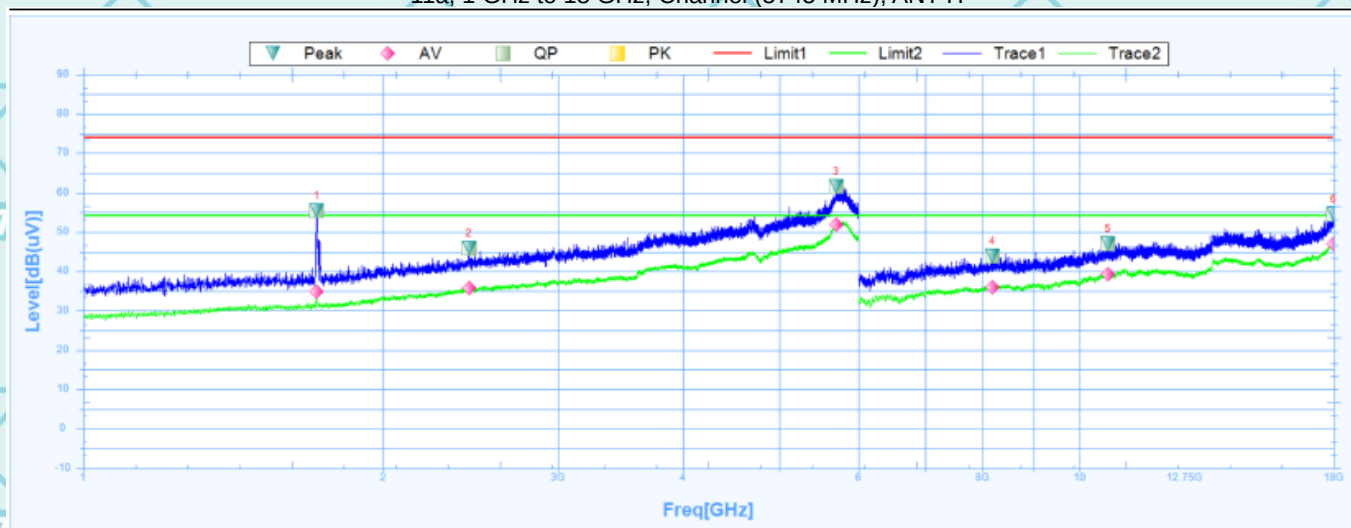
11a, 1 GHz to 18 GHz, Channel (5700 MHz), ANT V



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1729.3750	58.77	24.96	33.81	74	-15.23	322.2	Vertical	PK	Pass
1	1729.3750	33.78	24.96	8.82	54	-20.22	322.2	Vertical	AV	Pass
2	2426.2500	52.62	27.35	25.27	74	-21.38	360.1	Vertical	PK	Pass
2	2426.2500	36.85	27.35	9.5	54	-17.15	360.1	Vertical	AV	Pass
3	5824.3750	60.1	32.52	27.58	74	-13.9	257.6	Vertical	PK	Pass
3	5824.3750	50.97	32.52	18.45	54	-3.03	257.6	Vertical	AV	Pass
4	7402.5000	43.42	7.16	36.26	74	-30.58	89.5	Vertical	PK	Pass
4	7402.5000	34.97	7.16	27.81	54	-19.03	89.5	Vertical	AV	Pass
5	10656.0000	46.07	14.53	31.54	74	-27.93	180.4	Vertical	PK	Pass
5	10656.0000	38.96	14.53	24.43	54	-15.04	180.4	Vertical	AV	Pass
6	17904.0000	54.53	23.29	31.24	74	-19.47	167.3	Vertical	PK	Pass
6	17904.0000	46.71	23.29	23.42	54	-7.29	167.3	Vertical	AV	Pass

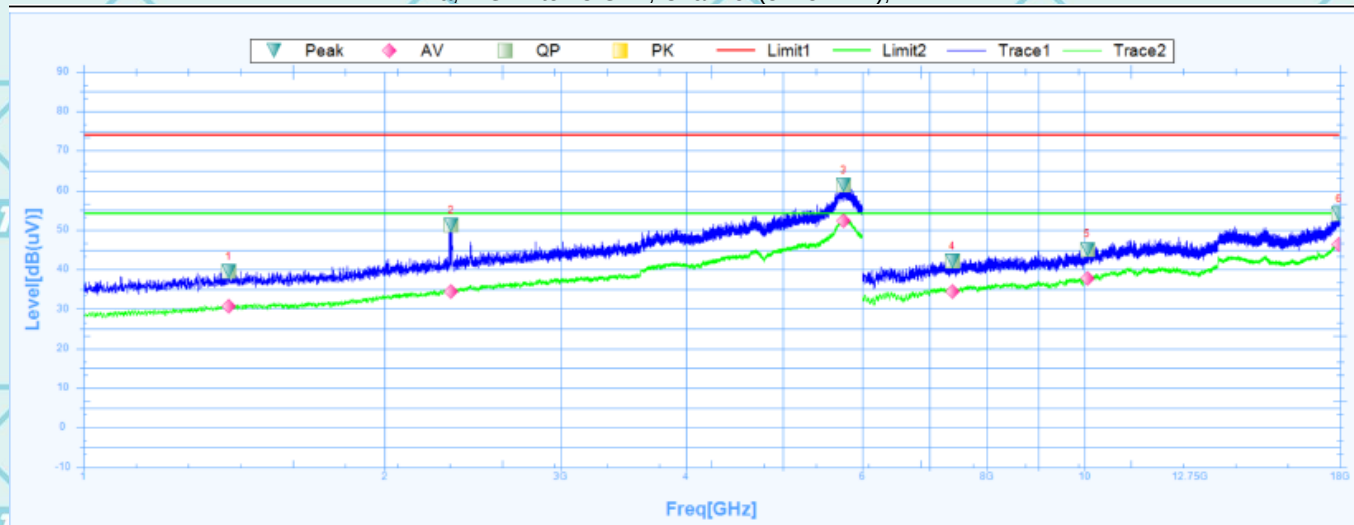
11a, 1 GHz to 18 GHz, Channel (5745 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1715.6250	55.45	24.96	30.49	74	-18.55	1.3	Horizontal	PK	Pass
1	1715.6250	34.95	24.96	9.99	54	-19.05	1.3	Horizontal	AV	Pass
2	2438.7500	45.98	27.39	18.59	74	-28.02	360	Horizontal	PK	Pass
2	2438.7500	35.78	27.39	8.39	54	-18.22	360	Horizontal	AV	Pass
3	5700.0000	61.51	32.32	29.19	74	-12.49	245.5	Horizontal	PK	Pass
3	5700.0000	51.9	32.32	19.58	54	-2.1	245.5	Horizontal	AV	Pass
4	8179.5000	43.83	8.69	35.14	74	-30.17	311.8	Horizontal	PK	Pass
4	8179.5000	36.06	8.69	27.37	54	-17.94	311.8	Horizontal	AV	Pass
5	10680.0000	46.96	14.57	32.39	74	-27.04	358.6	Horizontal	PK	Pass
5	10680.0000	39.37	14.57	24.8	54	-14.63	358.6	Horizontal	AV	Pass
6	17991.0000	54.55	23.87	30.68	74	-19.45	7.1	Horizontal	PK	Pass
6	17991.0000	47.08	23.87	23.21	54	-6.92	7.1	Horizontal	AV	Pass

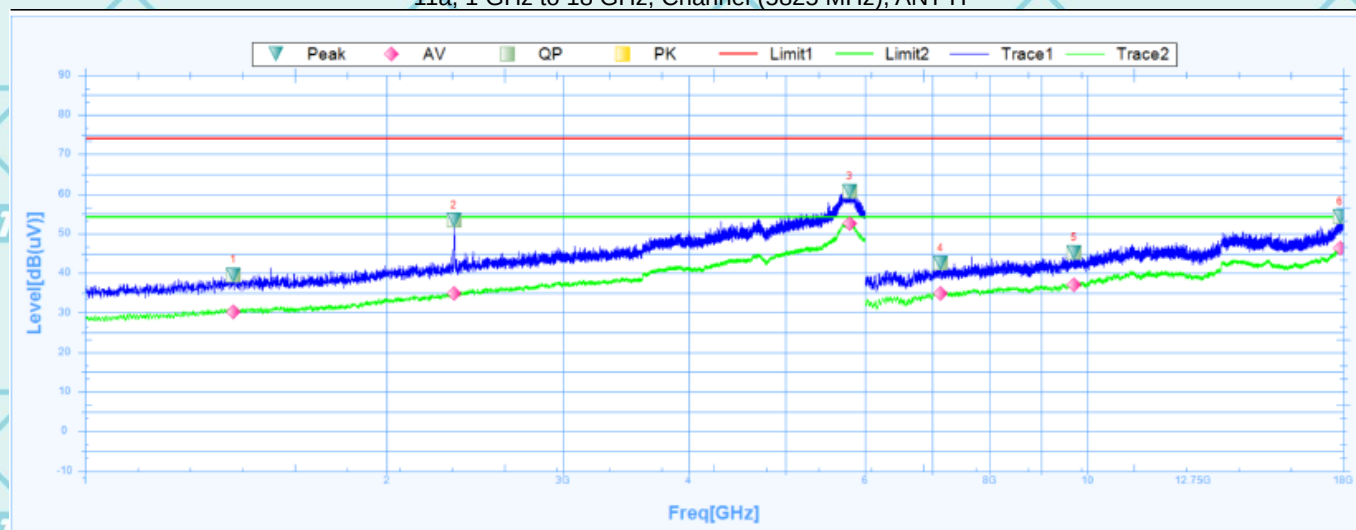
11a, 1 GHz to 18 GHz, Channel (5745 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1396.2500	39.54	25.09	14.45	74	-34.46	303	Vertical	PK	Pass
1	1396.2500	30.66	25.09	5.57	54	-23.34	303	Vertical	AV	Pass
2	2331.8750	51.14	27.03	24.11	74	-22.86	360	Vertical	PK	Pass
2	2331.8750	34.52	27.03	7.49	54	-19.48	360	Vertical	AV	Pass
3	5750.6250	61.31	32.4	28.91	74	-12.69	282.6	Vertical	PK	Pass
3	5750.6250	52.2	32.4	19.8	54	-1.8	282.6	Vertical	AV	Pass
4	7377.0000	42.21	7.08	35.13	74	-31.79	320.1	Vertical	PK	Pass
4	7377.0000	34.33	7.08	27.25	54	-19.67	320.1	Vertical	AV	Pass
5	10066.5000	45.11	12.55	32.56	74	-28.89	47.5	Vertical	PK	Pass
5	10066.5000	37.68	12.55	25.13	54	-16.32	47.5	Vertical	AV	Pass
6	17959.5000	53.99	23.64	30.35	74	-20.01	223.2	Vertical	PK	Pass
6	17959.5000	46.44	23.64	22.8	54	-7.56	223.2	Vertical	AV	Pass

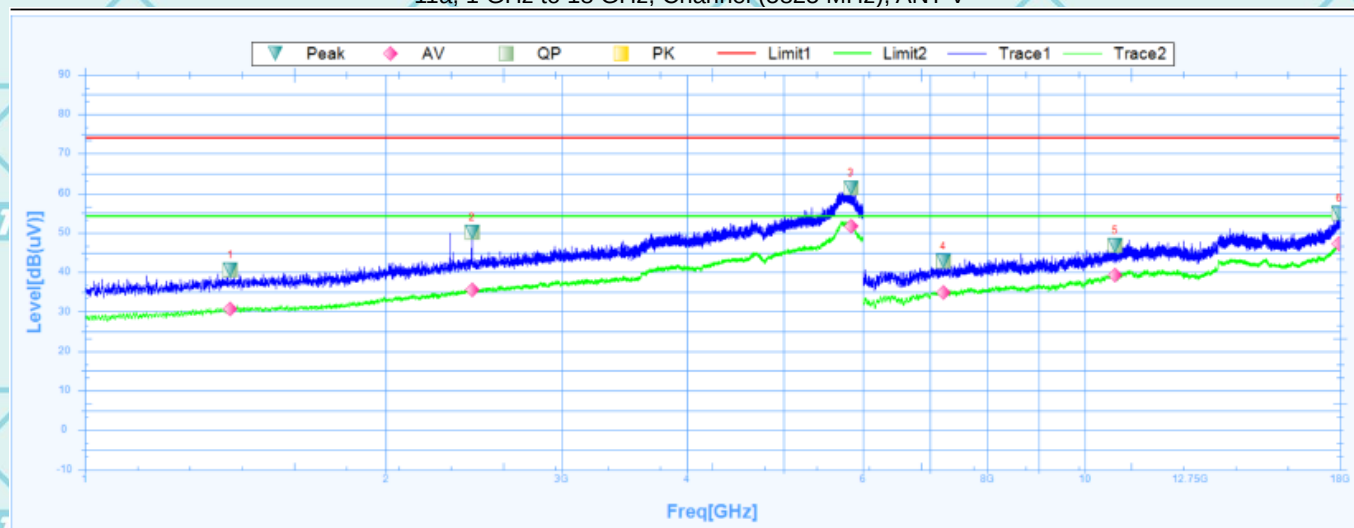
11a, 1 GHz to 18 GHz, Channel (5825 MHz), ANT H



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1405.6250	39.6	25.09	14.51	74	-34.4	152.3	Horizontal	PK	Pass
1	1405.6250	30.21	25.09	5.12	54	-23.79	152.3	Horizontal	AV	Pass
2	2334.3750	53.34	27.04	26.3	74	-20.66	1.2	Horizontal	PK	Pass
2	2334.3750	34.95	27.04	7.91	54	-19.05	1.2	Horizontal	AV	Pass
3	5793.7500	60.79	32.47	28.32	74	-13.21	0.5	Horizontal	PK	Pass
3	5793.7500	52.43	32.47	19.96	54	-1.57	0.5	Horizontal	AV	Pass
4	7135.5000	42.55	6.89	35.66	74	-31.45	195.8	Horizontal	PK	Pass
4	7135.5000	34.96	6.89	28.07	54	-19.04	195.8	Horizontal	AV	Pass
5	9702.0000	45.27	11.63	33.64	74	-28.73	344.2	Horizontal	PK	Pass
5	9702.0000	37.12	11.63	25.49	54	-16.88	344.2	Horizontal	AV	Pass
6	17871.0000	54.21	23.08	31.13	74	-19.79	126.4	Horizontal	PK	Pass
6	17871.0000	46.41	23.08	23.33	54	-7.59	126.4	Horizontal	AV	Pass

11a, 1 GHz to 18 GHz, Channel (5825 MHz), ANT V



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1398.1250	40.65	25.09	15.56	74	-33.35	193	Vertical	PK	Pass
1	1398.1250	30.55	25.09	5.46	54	-23.45	193	Vertical	AV	Pass
2	2439.3750	50.12	27.39	22.73	74	-23.88	213.2	Vertical	PK	Pass
2	2439.3750	35.42	27.39	8.03	54	-18.58	213.2	Vertical	AV	Pass
3	5838.1250	61.29	32.54	28.75	74	-12.71	86.6	Vertical	PK	Pass
3	5838.1250	51.62	32.54	19.08	54	-2.38	86.6	Vertical	AV	Pass
4	7218.0000	42.71	6.98	35.73	74	-31.29	0.6	Vertical	PK	Pass
4	7218.0000	34.85	6.98	27.87	54	-19.15	0.6	Vertical	AV	Pass
5	10723.5000	46.76	14.64	32.12	74	-27.24	74.6	Vertical	PK	Pass
5	10723.5000	39.35	14.64	24.71	54	-14.65	74.6	Vertical	AV	Pass
6	17970.0000	54.99	23.72	31.27	74	-19.01	146.4	Vertical	PK	Pass
6	17970.0000	47.18	23.72	23.46	54	-6.82	146.4	Vertical	AV	Pass

Note:

1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
2. Emission Level= Reading Level+ Probe Factor +Cable Loss.
3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

7.3.8 RESTRICTED BANDS REQUIREMENTS

Test Result(Only recorded the worst case in the report):

Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
802.11a(6Mbps) Test channel:36							
5150	62.28	-5.24	57.04	68.23	11.19	H	PK
5150	53.44	-5.24	48.20	54	5.80	H	AV
5150	61.63	-4.87	56.76	68.23	11.47	V	PK
5150	54.99	-4.87	50.12	54	3.88	V	AV
802.11a(6Mbps) Test channel:48							
5350	62.19	-5.24	56.95	68.23	11.28	H	PK
5350	54.53	-5.24	49.29	54	4.71	H	AV
5350	60.76	-4.87	55.89	68.23	12.34	V	PK
5350	55.82	-4.87	50.95	54	3.05	V	AV
802.11a(6Mbps) Test channel: 165							
5850	64.33	-5.24	59.09	122.23	63.14	H	PK
5850	53.94	-4.87	49.07	122.23	73.16	V	PK

Note: Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Level (dBuV) – Limits (dBuV)

7.4 ANTENNA REQUIREMENT

Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

Antenna Gain

The antenna is a Integral Antenna. it meets the standards, and the best case gain of the antenna is -1.3dBi.

Please refer to the attached "CN5c Internal Photo" for the antenna location

7.5 EMISSION BANDWIDTH

7.5.1 TEST EQUIPMENT

Please refer to Section 5 this report.

7.5.2 TEST PROCEDURE

-26dB Bandwidth and 99% Occupied Bandwidth:	
Test Method:	a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Measure the maximum width of the emission that is 26 dB down from the peak of the emission Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
Test Equipment Setting – 26dB Bandwidth:	Test Equipment Setting – 99% Bandwidth:
a)Attenuation: Auto b)Span Frequency: > 26dB Bandwidth c)RBW: Approximately 1% of the emission bandwidth d)VBW: VBW > RBW e)Detector: Peak f)Trace: Max Hold g)Sweep Time: Auto	a)Span: 1.5 times to 5.0 times the OBW b)RBW: 1 % to 5 % of the OBW c)VBW: $\geq 3 \times$ RBW d)Detector: Peak e)Trace: Max Hold
6 dB Bandwidth:	
Test Method:	a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)Measured the spectrum width with power higher than 6dB below carrier.
Test Equipment Setting:	e)Detector: Peak f)Trace: Max Hold g)Sweep Time: Auto
a)Attenuation: Auto b)Span Frequency: > 6dB Bandwidth c)RBW: 100kHz d)VBW: $\geq 3 \times$ RBW	
Maximum Conducted Output Power Measurement:	
Test Method:	a)The transmitter output (antenna port) was connected to the power meter. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power $\Rightarrow 3$. Measurement using a Power Meter (PM) $\Rightarrow$ b) Method PM-G (Measurement using a gated RF average power meter). c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula.
Test Equipment Setting: Detector - Average	
Power Spectral Density:	
Test Method:	a)The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Power Spectral Density (PSD). c)Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 in-Band Power Spectral Density (PSD) Measurements (a) Measure and sum the spectra across the outputs. d)When measuring first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3 and so on up to the Nth output to obtain the value for the first frequency bin of the summed spectrum. The summed spectrum value for each of the other frequency bins is computed in the same way. e)For 5.725~5.85 GHz, the measured result of PSD level must add $10\log(500\text{kHz}/\text{RBW})$

and the final result should ≤ 30 dBm.

Test Equipment Setting:

a) Attenuation: Auto

b) Span Frequency: Encompass the entire emissions bandwidth (EBW) of the signal

c) RBW: 1000 kHz

d) VBW: 3000 kHz

e) Detector: RMS

f) Trace: AVERAGE

g) Sweep Time: Auto

h) Trace Average: 100 times

Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

Frequency Stability Measurement:

Test Method:

a) The transmitter output (antenna port) was connected to the spectrum analyzer.

b) EUT have transmitted absence of modulation signal and fixed channelize.

c) Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.

d) Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.

e) f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and

the limit is less than ± 20 ppm (IEEE 802.11 specification).

f) The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value

g) Extreme temperature is $-20^\circ\text{C} \sim 60^\circ\text{C}$

Test Equipment Setting:

a) Attenuation: Auto

b) Span Frequency: Entire absence of modulation emissions bandwidth

c) RBW: 10 kHz

d) VBW: 10 kHz

e) Sweep Time: Auto

7.5.3 CONFIGURATION OF THE EUT

Same as section 3.4 of this report

7.5.4 EUT OPERATING CONDITION

Same as section 3.5 of this report.

7.5.5 LIMIT

-26dB Bandwidth and 99% Occupied Bandwidth:	
Limit:	No restriction limits.
-6 dB Bandwidth:	
Limit:	For digital modulation systems, the minimum 6dB bandwidth shall be at least 500 kHz.
Test Equipment Setting:	
a) Attenuation: Auto	e) Detector: Peak
b) Span Frequency: > 6dB Bandwidth	f) Trace: Max Hold
c) RBW: 100kHz	g) Sweep Time: Auto
d) VBW: $\geq 3 \times \text{RBW}$	
Maximum Conducted Output Power Measurement:	
☒ 5.15~5.25 GHz	
☐ Limit of Outdoor access point:	☐ Limit of Indoor access point:
The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. 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).	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☐ Limit of Fixed point-to-point access points:	☒ Limit of Mobile and portable client devices:
The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☒ 5.25-5.35 GHz & ☒ 5.470-5.725 GHz	
The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	
☒ 5.725~5.85 GHz	
The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.	
Power Spectral Density	
☒ 5.15~5.25 GHz	
☐ Limit of Outdoor access point: 17 dBm/MHz	☐ Limit of Indoor access point: 17 dBm/MHz
☐ Limit of Fixed point-to-point access points: 17 dBm/MHz	☒ Limit of Mobile and portable client devices: 11 dBm/MHz
☐ 5.25-5.35 GHz	11 dBm/MHz
☐ 5.470-5.725 GHz	11 dBm/MHz
☒ 5.725~5.85 GHz	30 dBm/500kHz
Frequency Stability Measurement:	
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 (IEEE 802.11n specification).

7.5.6 TEST RESULT

-26dB Bandwidth and 99% Occupied Bandwidth

Product	: EUT-Sample	Test Mode	: See section 3.4
Test Item	: -26dB Bandwidth/-6dB Bandwidth and 99% Occupied Bandwidth	Temperature	: 25 °C
Test Voltage	: DC 3.92V	Humidity	: 56%RH
Test Result	: PASS		

-26Db&99% Bandwidth

Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	99%dB Bandwidth (MHz)	Verdict
a	5180	19.53	16.369	Pass
a	5240	19.64	16.404	Pass
a	5260	19.76	16.410	Pass
a	5320	19.68	16.371	Pass
a	5500	19.80	16.393	Pass
a	5700	20.08	16.392	Pass
n20	5180	21.32	17.576	Pass
n20	5240	20.71	17.572	Pass
n20	5260	21.44	17.571	Pass
n20	5320	20.46	17.562	Pass
n20	5500	22.47	17.575	Pass
n20	5700	24.22	17.595	Pass
n40	5190	44.97	35.964	Pass
n40	5230	53.38	35.998	Pass
n40	5270	47.66	36.007	Pass
n40	5310	42.01	35.969	Pass
n40	5510	57.80	36.001	Pass
n40	5670	50.12	35.988	Pass
ac20	5180	20.46	17.586	Pass
ac20	5240	22.09	17.563	Pass
ac20	5260	20.15	17.577	Pass
ac20	5320	21.34	17.565	Pass
ac20	5500	22.05	17.606	Pass
ac20	5700	22.82	17.574	Pass
ac40	5190	40.04	35.901	Pass
ac40	5230	39.89	35.989	Pass
ac40	5270	40.13	35.992	Pass
ac40	5310	40.16	35.890	Pass
ac40	5510	40.16	35.903	Pass
ac40	5670	40.24	35.951	Pass
ac80	5210	80.30	75.153	Pass
ac80	5290	80.32	75.272	Pass
ac80	5530	80.30	75.067	Pass
ac80	5610	80.20	75.130	Pass

-6dB&99% Bandwidth

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	99%dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	14.99	16.325	0.5	Pass
a	5825	14.60	16.343	0.5	Pass
n20	5745	15.02	17.550	0.5	Pass
n20	5825	15.03	17.559	0.5	Pass
n40	5755	35.04	35.882	0.5	Pass
n40	5795	34.98	35.872	0.5	Pass
ac20	5745	15.29	17.558	0.5	Pass
ac20	5825	13.86	17.580	0.5	Pass
ac40	5755	35.05	35.819	0.5	Pass
ac40	5795	35.05	35.811	0.5	Pass
ac80	5775	73.88	75.157	0.5	Pass

-26Db&99% Bandwidth

