Allgon AB

RF TEST REPORT

Report Type:
FCC Part 15.225& ISED RSS-210 RF report

Model:
D5-45

REPORT NUMBER:
2504B0388SHA-003

ISSUE DATE:
July 11, 2025

DOCUMENT CONTROL NUMBER:
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TEST REPORT

Report no.: 2504B0388SHA-003

Applicant	:	Allgon AB August Barks gata 30A, SE-421 32 Västra Frölunda, Sweden
Manufacturer	:	Allgon AB August Barks gata 30A, SE-421 32 Västra Frölunda, Sweden
FCC ID	:	2BC3H2316C
IC	:	31388-2316C

SUMMARY:

The equipment complies with the requirements according to the following standard(s) or Specification:
47CFR Part 15 (2024): Radio Frequency Devices (Subpart C) **RSS-210 Issue 11 (June 25, 2024):** Licence-Exempt Radio Apparatus: Category I Equipment **RSS-Gen Issue 5, Amendment 1 (March 2019), Amendment 2 (February 2021):** General Requirements for Compliance of Radio Apparatus **ANSI C63.10 (2020):** American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

PREPARED BY:	**REVIEWED BY:**
Project Engineer Erick Liu	Reviewer Wakeyou Wang

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TEST REPORT

Content

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Revision History

Report No.	Version	Description	Issued Date
2504B0388SHA-003	Rev. 01	Initial issue of report	July 11, 2025

Measurement result summary

TEST ITEM	FCC REFERANCE	IC REFERENCE	RESULT
20dB Bandwidth&99% Bandwidth	15.215(c) 2.1049	RSS-Gen Issue 5 Clause 6.6	Pass
Fundamental Field Strength and Emission Mask	15.205 & 15.225(a) (b) (c)	RSS 210 B.6	Pass
Emission outside the frequency band	15.225(d) /15.109	RSS 210 B.6	Pass
Power line conducted emission	15.207	RSS-Gen Issue 5 Clause 8.8	NA
Frequency Stability	15.225(e)	RSS 210 B.6	Pass
Antenna requirement	15.203	RSS-GEN 6.8	Pass

Notes: 1: NA =Not Applicable
2: Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.
3: Additions, Deviations and Exclusions from Standards: None.

TEST REPORT

1 GENERAL INFORMATION

1.1 Description of Equipment Under Test (EUT)

Product name:	Transceiver
Type/Model:	D5-45
Host model:	T35-01, T36-01
Description of EUT:	EUT is a wireless transceiver module. The EUT was tested together with the host device.
Rating:	5-45V DC, 1A, 3.7V 2000mAh Li-ion battery
EUT type:	☒ Table top ☐ Floor standing
Software Version:	/
Hardware Version:	/
Sample ID:	A250402-34-002, A250402-34-003
Sample received date:	April 2, 2025
Date of test:	April 2, 2025 – June 24, 2025

1.2 Technical Specification

Operation Frequency Band:	13.556 ~ 13.567MHz
Normal Working Frequency:	13.56MHz
Channel Number:	1
Type of Modulation:	ASK
Antenna Designation:	Fixed Internal Loop Antenna

1.3 Description of Test Facility

Name:	Intertek Testing Services (Shanghai FTZ) Co., Ltd.
Address:	Building 86, No. 1198 Qinzhou Road(North), Shanghai 200233, P.R. China
Telephone:	86 21 61278200
Telefax:	86 21 54262353

The test facility is recognized, certified, or accredited by these organizations:	CNAS Accreditation Lab Registration No. CNAS L21189
	FCC Accredited Lab Designation Number: CN0175
	IC Registration Lab CAB identifier: CN0014
	VCCI Registration Lab Registration No.: R-14243, G-10845, C-14723, T-12252
	A2LA Accreditation Lab Certificate Number: 3309.02

2 TEST SPECIFICATIONS

2.1 Standards or specification

47CFR Part 15 (2024)
RSS-210 Issue 11 (June 25, 2024):
RSS-Gen Issue 5, Amendment 1 (March 2019), Amendment 2 (February 2021)
ANSI C63.10 (2020)

2.2 Mode of operation during the test

While testing, the internal modulation and continuously transmission were applied.

2.3 Test software list

Test Items	Software	Manufacturer	Version
Conducted emission	ESxS-K1	R&S	V2.1.0
Radiated emission	ES-K1	R&S	V1.71

2.4 Test peripherals list

Item No	Description	Band and Model	S/No
1	Tag	-	-

2.5 Test environment condition:

Test items	Temperature	Humidity
Radiated emission	26°C	53% RH
Power line conducted emission	NA	NA

2.6 Instrument list

Radiated Emission					
Used	Equipment	Manufacturer	Type	Internal no.	Due date
☑	Test Receiver	R&S	ESIB 26	EC 3045	2025-09-14
☑	Bilog Antenna	TESEQ	CBL 6112D	EC 4206	2025-10-23
☐	Pre-amplifier	R&S	AFS42-00101800-25-S-42	EC5262	2026-06-08
☐	Horn antenna	R&S	HF 906	EC 3049	2026-01-15
☐	Horn antenna	ETS	3117	EC 4792-1	2026-03-13
☐	Horn antenna	TOYO	HAP18-26W	EC 4792-3	2026-07-06
☑	Active loop antenna	Schwarzbeck	FMZB1519	EC 5345	2026-03-22
☐	Horn antenna	ETS	3116c	Ec5955	2026-01-15
RF test					
Used	Equipment	Manufacturer	Type	Internal no.	Due date
☑	PXA Signal Analyzer	Keysight	N9030A	EC 5338	2025-09-08
☑	Spectrum Analyzer	Keysight	N9030B	EC 6078	2026-03-17
☐	Power sensor	Agilent	U2021XA	EC 5338-1	2026-02-28
☐	Vector Signal Generator	Agilent	N5182B	EC 5175	2026-02-28
☐	MXG Analog Signal Generator	Agilent	N5181A	EC 5338-2	2026-02-28
☐	Mobile Test System	Litepoint	Iqxel	EC 5176	2026-01-08
☐	Test Receiver	R&S	ESCI 7	EC 4501	2026-01-08
Additional instrument					
Used	Equipment	Manufacturer	Type	Internal no.	Due date
☑	Therom-Hygrograph	ZJ1-2A	S.M.I.F.	EC 3442	2026-01-08

2.7 Measurement uncertainty

The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement	Frequency	Expanded Uncertainty (k=2)
Conducted emission at mains ports	9kHz ~ 150kHz	3.52 dB
	150kHz ~ 30MHz	3.19 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	4.90 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.02 dB
	6GHz ~ 18GHz	5.28 dB
Occupied Channel Bandwidth	/	± 0.88 %

3 Fundamental Emission and Emission Mask

Test result: **Pass**

3.1 Limit

Frequencies (MHz)	Limit at 30m (dBuV/m)	Limit at 3m (dBuV/m)
13.110 – 13.410	40.50	80.50
13.410 – 13.553	50.50	90.50
13.553 – 13.567	84.00	124.00
13.567 – 13.710	50.50	90.50
13.710 – 14.010	40.50	80.50

3.2 Measurement Procedure

a) The EUT was placed on a 0.8m plank above the ground at a 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c) Both X and Y axes of the antenna are set to make the measurement.
d) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e) The test-receiver system was set to PK Detect Function and Specified Bandwidth with Maximum Hold Mode.

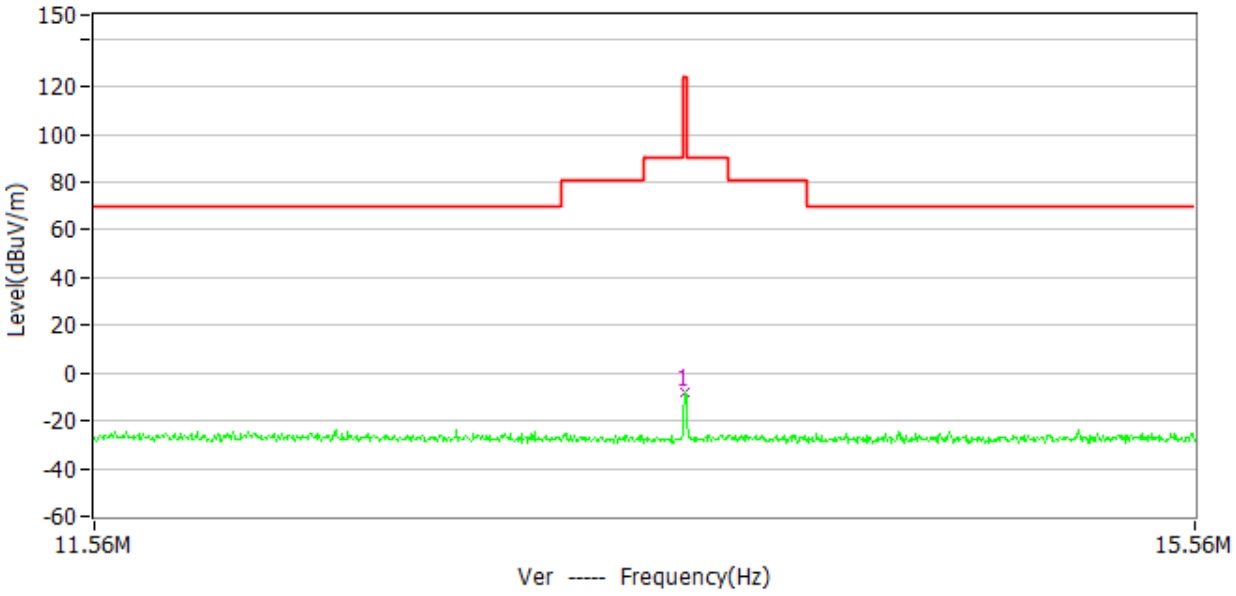
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

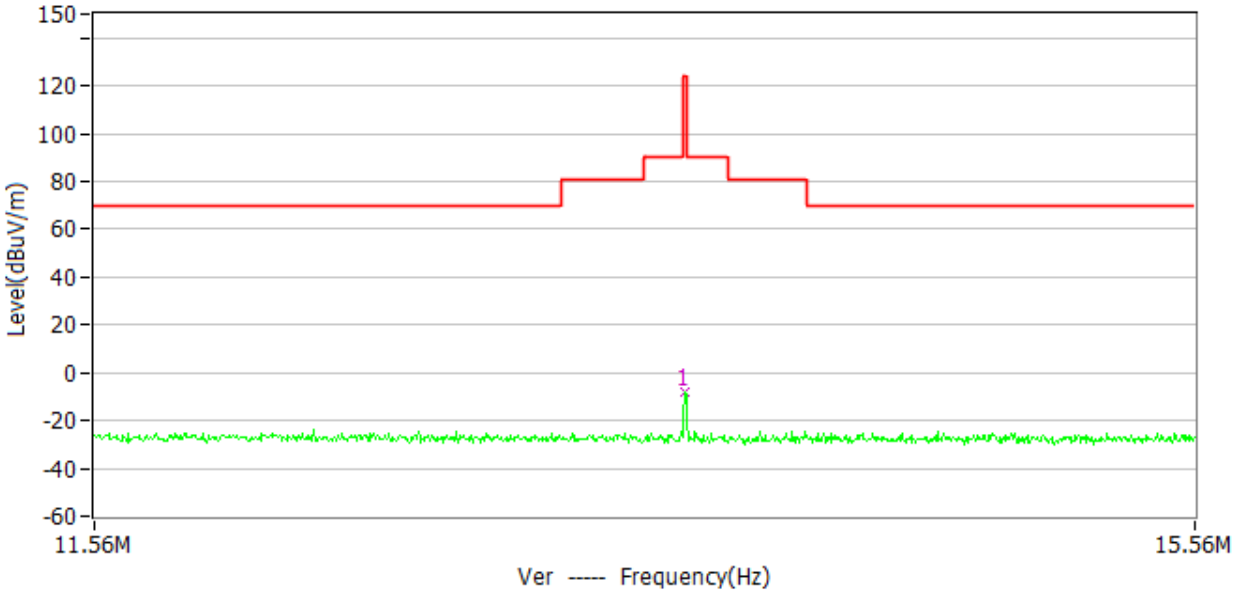
3.3 Test Results of Fundamental Emissions

Host Model: T35-01

X

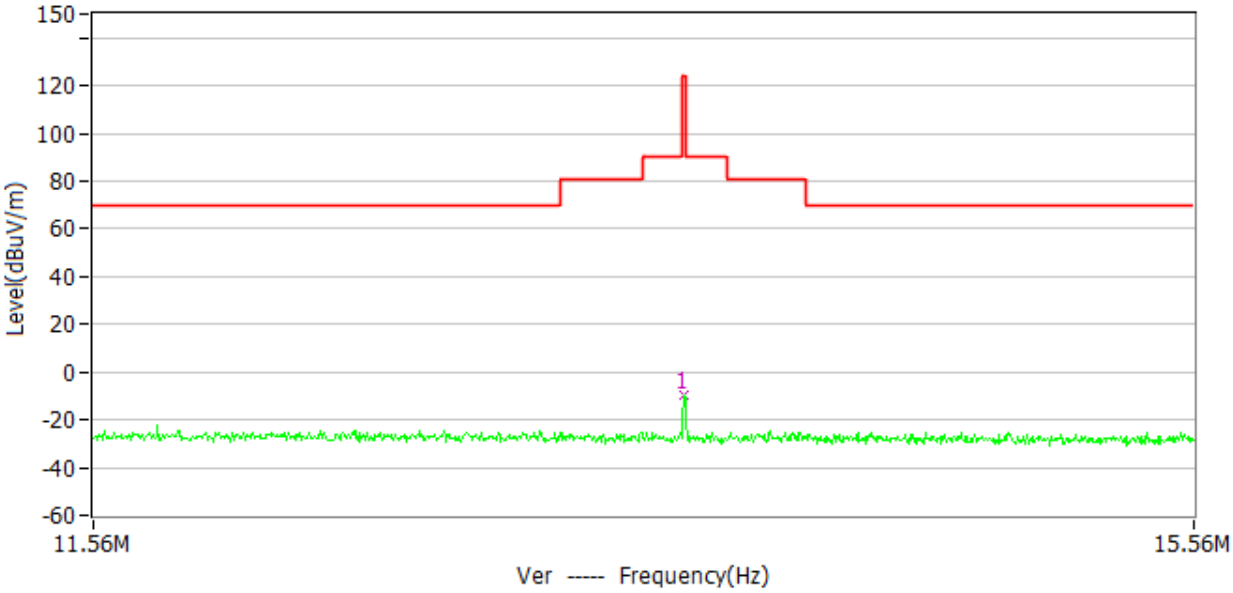


Y



TEST REPORT

Z



Antenna Polarization	Frequency (MHz)	Corrected Reading (dBuV/m)	Limit (dBuV/m)	Margin	Detector
X	13.56	-8.36	124.00	132.36	PK
Y	13.56	-8.31	124.00	132.31	PK
Z	13.56	-9.52	124.00	133.52	PK

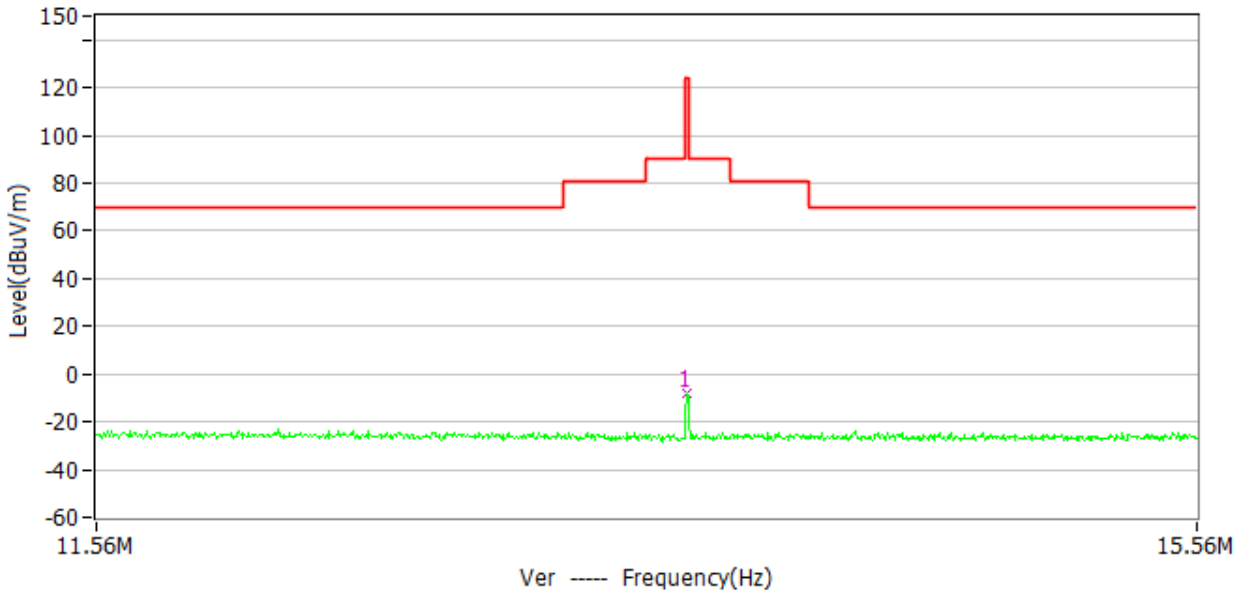
Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Corrected Reading = Original Receiver Reading + Correct Factor
3. Margin = Limit - Corrected Reading

Example: Assuming Antenna Factor = 30.20dB/m, Cable Loss = 2.00dB,
Gain of Preamplifier = 32.00dB, Original Receiver Reading = 10.00dBuV,
Limit = 40.00dBuV/m.
Then Correct Factor = 30.20 + 2.00 – 32.00 = 0.20dB/m;
Corrected Reading = 10dBuV + 0.20dB/m = 10.20dBuV/m;
Margin = 40.00dBuV/m - 10.20dBuV/m = 29.80dB.

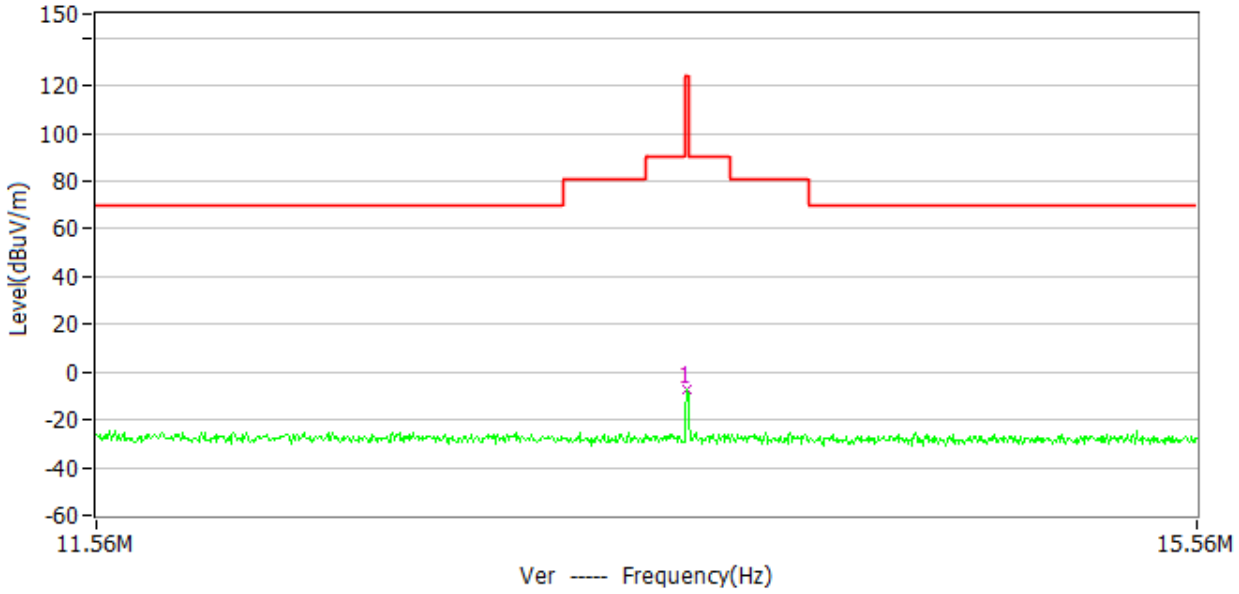
TEST REPORT

Host Model: T36-01

X

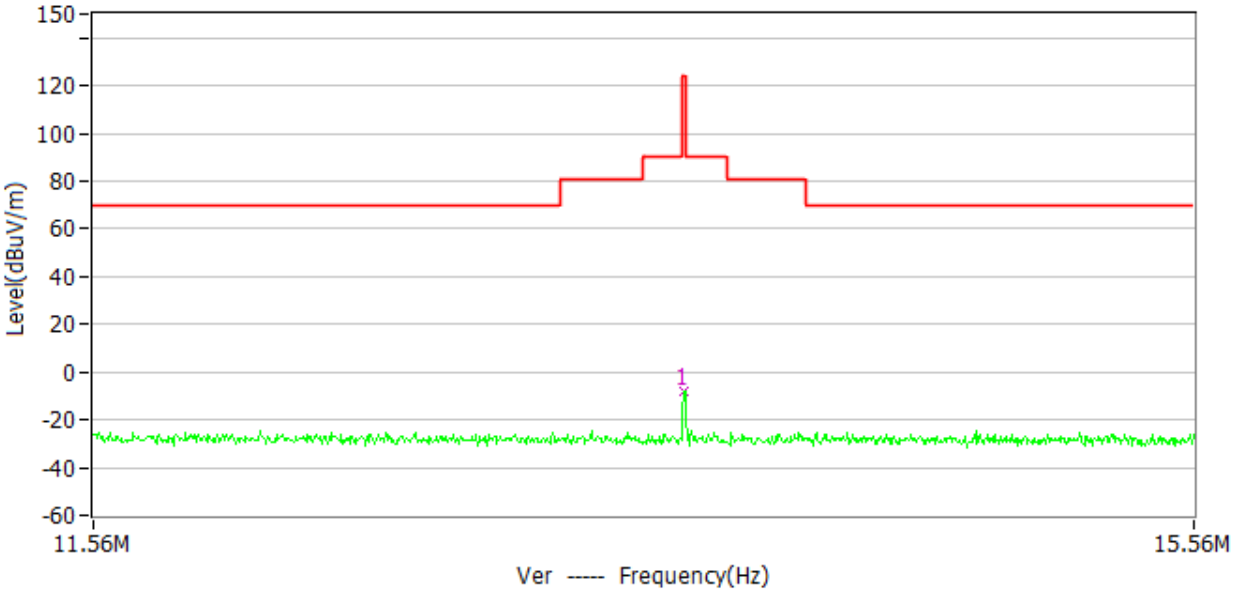


Y



TEST REPORT

Z



Antenna Polarization	Frequency (MHz)	Corrected Reading (dBuV/m)	Limit (dBuV/m)	Margin	Detector
X	13.56	-8.22	124.00	132.22	PK
Y	13.56	-7.59	124.00	131.59	PK
Z	13.56	-8.21	124.00	132.21	PK

Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Corrected Reading = Original Receiver Reading + Correct Factor
3. Margin = Limit - Corrected Reading

Example: Assuming Antenna Factor = 30.20dB/m, Cable Loss = 2.00dB,
Gain of Preamplifier = 32.00dB, Original Receiver Reading = 10.00dBuV,
Limit = 40.00dBuV/m.
Then Correct Factor = 30.20 + 2.00 – 32.00 = 0.20dB/m;
Corrected Reading = 10dBuV + 0.20dB/m = 10.20dBuV/m;
Margin = 40.00dBuV/m - 10.20dBuV/m = 29.80dB.

4 Emission outside the frequency band

Test result: **Pass**

4.1 Limit

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

4.2 Measurement Procedure

For Radiated emission below 30MHz:

f) The EUT was placed on a 0.8m plank above the ground at a 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
g) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
h) Both X and Y axes of the antenna are set to make the measurement.
i) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
j) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz:

a) The EUT was placed on a 0.8m plank above the ground at a 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c) The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

TEST REPORT

d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

f) The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. All modes of operation were evaluated and the worst-case emissions were reported

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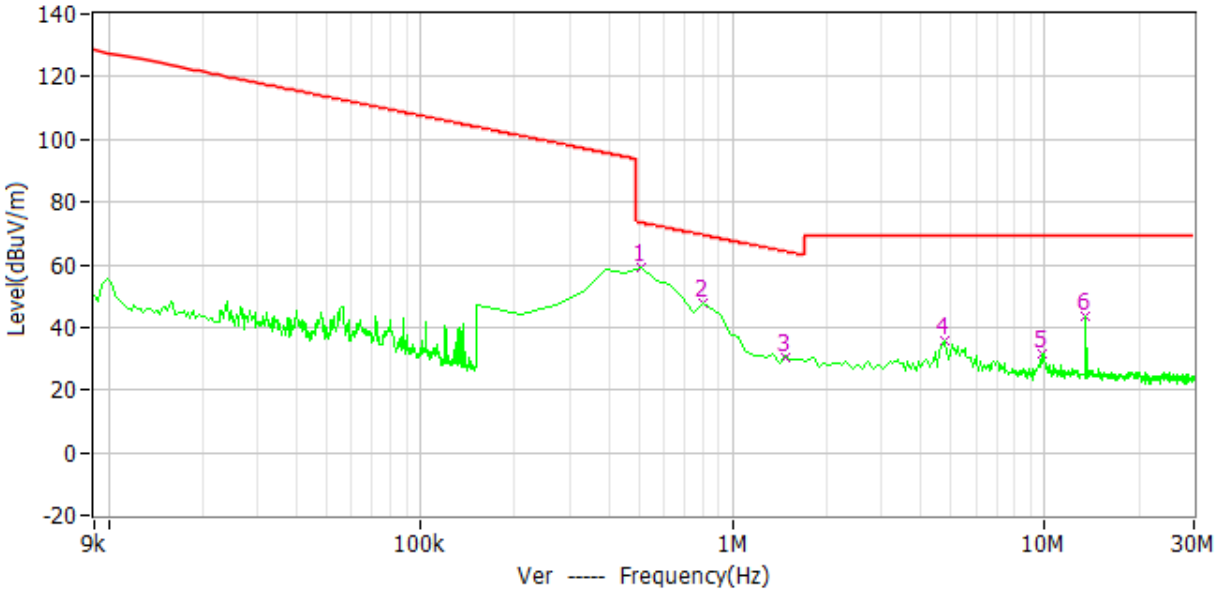
4.3 Test Results of Radiated Emissions

The EUT has been tested in all three orthogonal planes, it has the worst case when it is in horizontal position for both below 30MHz & above 30MHz.

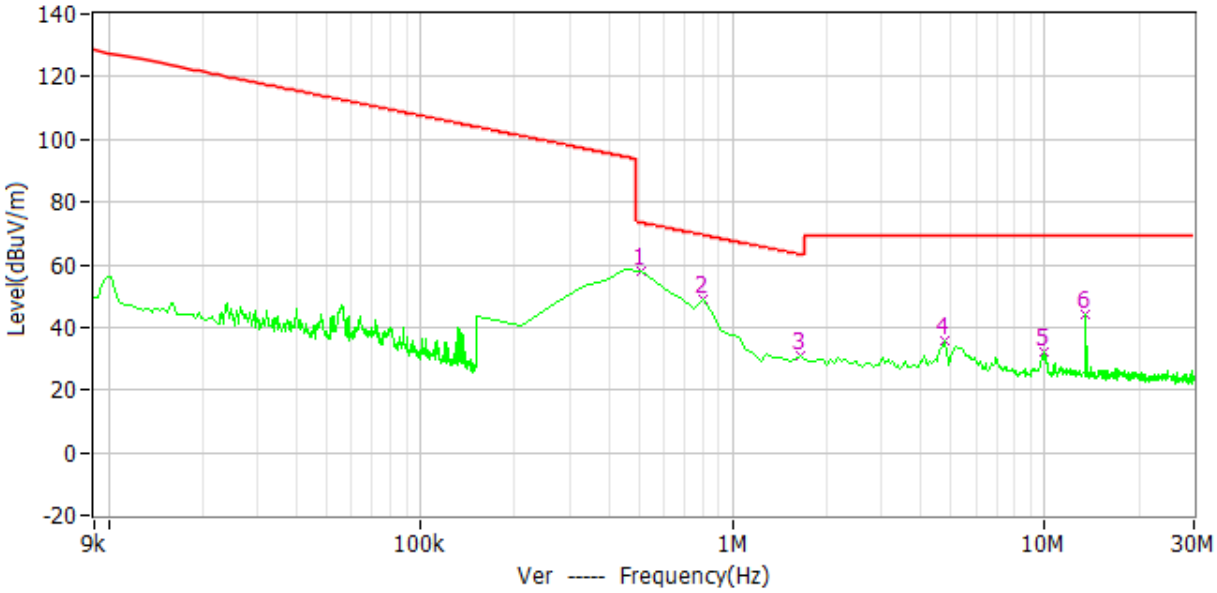
Test data below 30MHz:

Host Model: T35-01

X



Y



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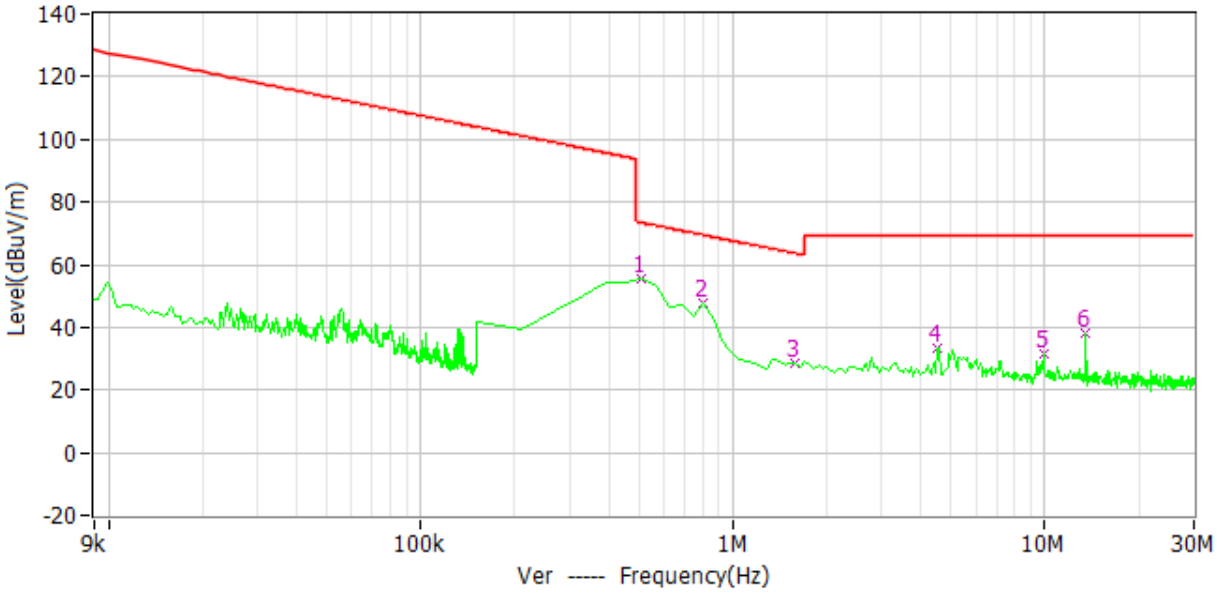
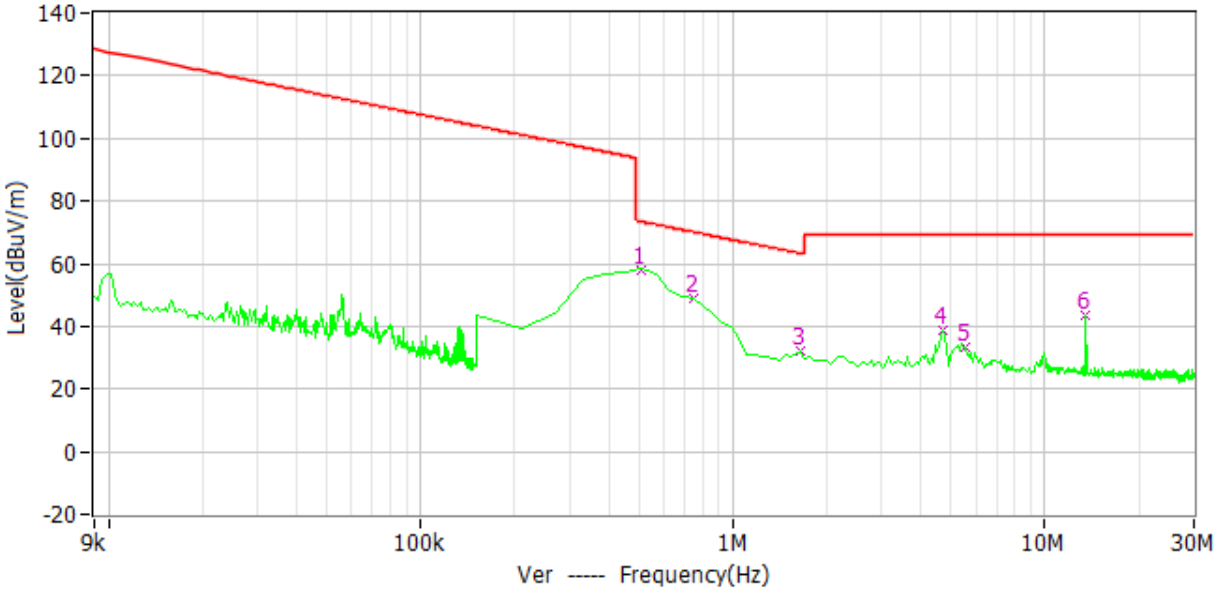
Z



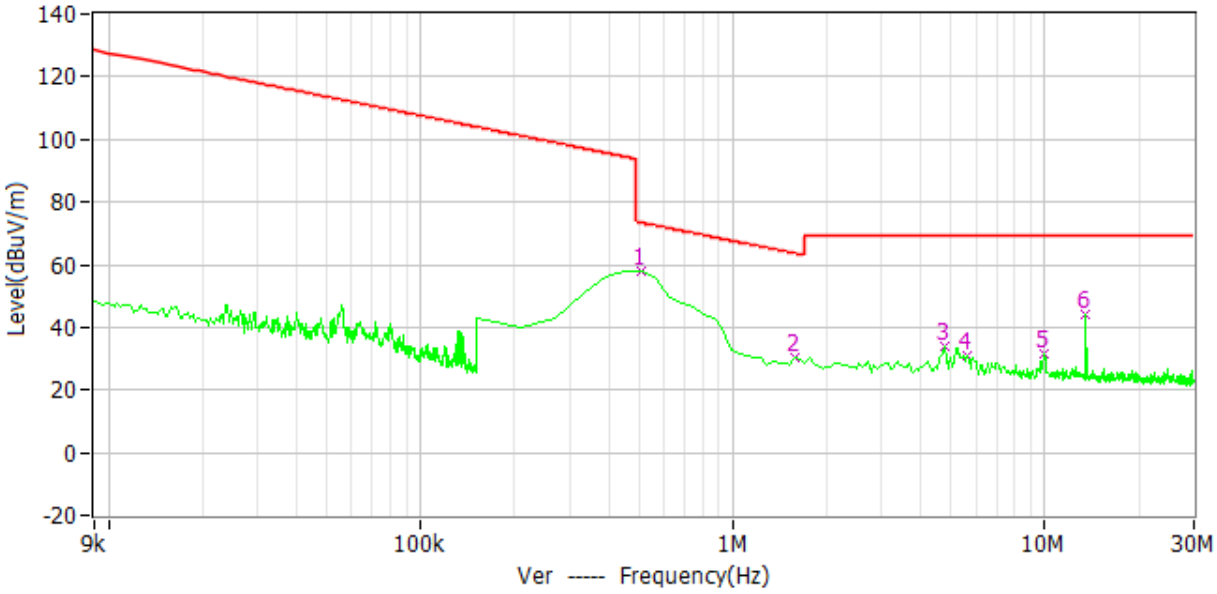
Frequency	Limit dBuV/m	Level dBuV/m	Delta dB	Detector	Polar
508.918kHz	73.50	58.90	-14.60	PK	X
808.016kHz	69.50	47.50	-22.00	PK	X
1.466MHz	64.30	30.60	-33.70	PK	X
4.756MHz	69.50	35.70	-33.80	PK	X
9.781MHz	69.50	31.70	-37.80	PK	X
508.918kHz	73.50	57.80	-15.70	PK	Y
808.016kHz	69.50	48.80	-20.70	PK	Y
1.646MHz	63.30	30.70	-32.60	PK	Y
4.756MHz	69.50	35.80	-33.70	PK	Y
9.960MHz	69.50	32.10	-37.40	PK	Y
508.918kHz	73.50	55.50	-18.00	PK	Z
808.016kHz	69.50	47.80	-21.70	PK	Z
1.586MHz	63.60	28.40	-35.20	PK	Z
4.517MHz	69.50	33.20	-36.30	PK	Z
9.901MHz	69.50	31.50	-38.00	PK	Z

Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Level = Original Receiver Reading + Correct Factor
3. Delta = Level - Limit
4. If the PK Level is lower than AV limit, the AV test can be elided.

X


140
120
100
80
60
40
20
0
-20
Level(dBuV/m)
1
2
3
4
5
6
9k
100k
1M
10M
30M
Ver ----- Frequency(Hz)

Y


140
120
100
80
60
40
20
0
-20
Level(dBuV/m)
1
2
3
4
5
6
9k
100k
1M
10M
30M
Ver ----- Frequency(Hz)

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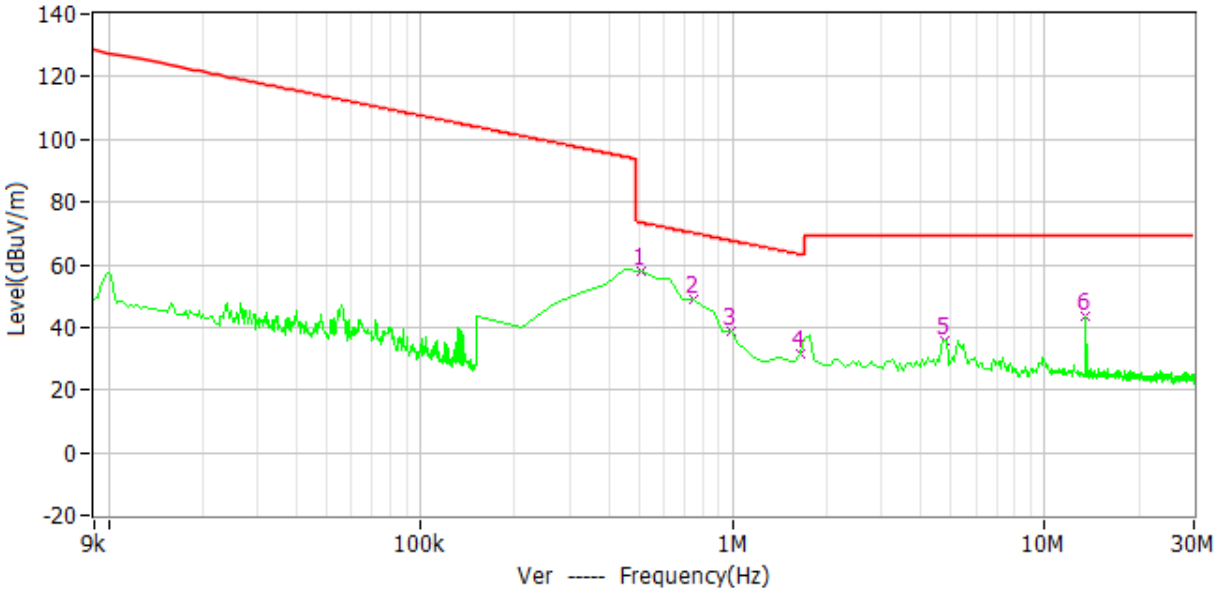
Z



Frequency	Limit dBuV/m	Level dBuV/m	Delta dB	Detector	Polar
508.918kHz	73.50	58.20	-15.30	PK	X
748.196kHz	70.10	48.80	-21.30	PK	X
1.646MHz	63.30	32.10	-31.20	PK	X
4.696MHz	69.50	38.70	-30.80	PK	X
5.534MHz	69.50	33.50	-36.00	PK	X
508.918kHz	73.50	57.90	-15.60	PK	Y
1.586MHz	63.60	30.30	-33.30	PK	Y
4.756MHz	69.50	33.80	-35.70	PK	Y
5.653MHz	69.50	30.80	-38.70	PK	Y
9.901MHz	69.50	31.80	-37.70	PK	Y
508.918kHz	73.50	57.70	-15.80	PK	Z
748.196kHz	70.10	49.00	-21.10	PK	Z
987.475kHz	67.70	38.50	-29.20	PK	Z
1.646MHz	63.30	31.50	-31.80	PK	Z
4.756MHz	69.50	36.00	-33.50	PK	Z

Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Level = Original Receiver Reading + Correct Factor
3. Delta = Level - Limit
4. If the PK Level is lower than AV limit, the AV test can be elided.

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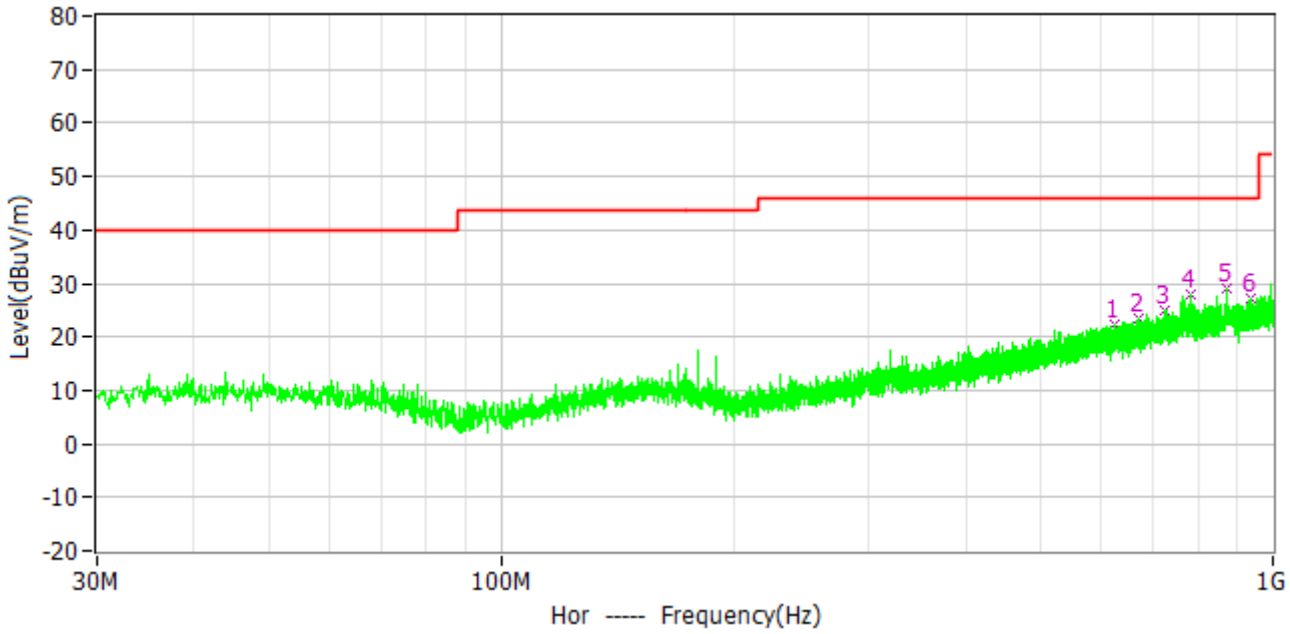
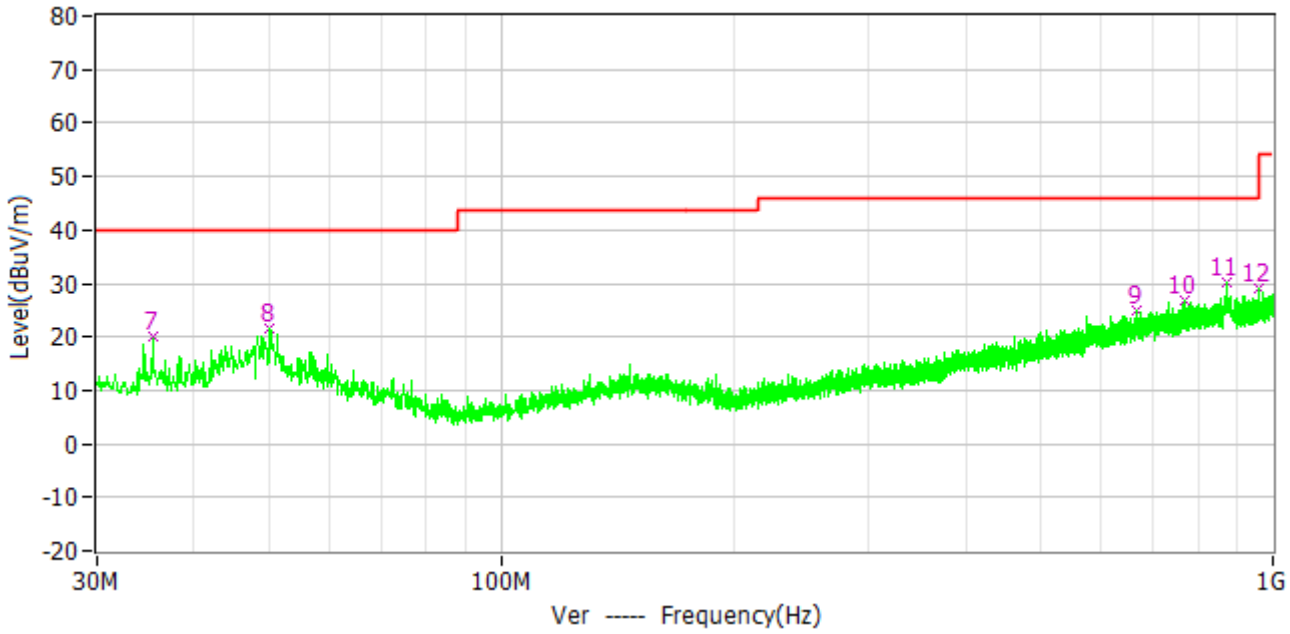
Test data from 30MHz to 1000MHz:

Host Model: T35-01





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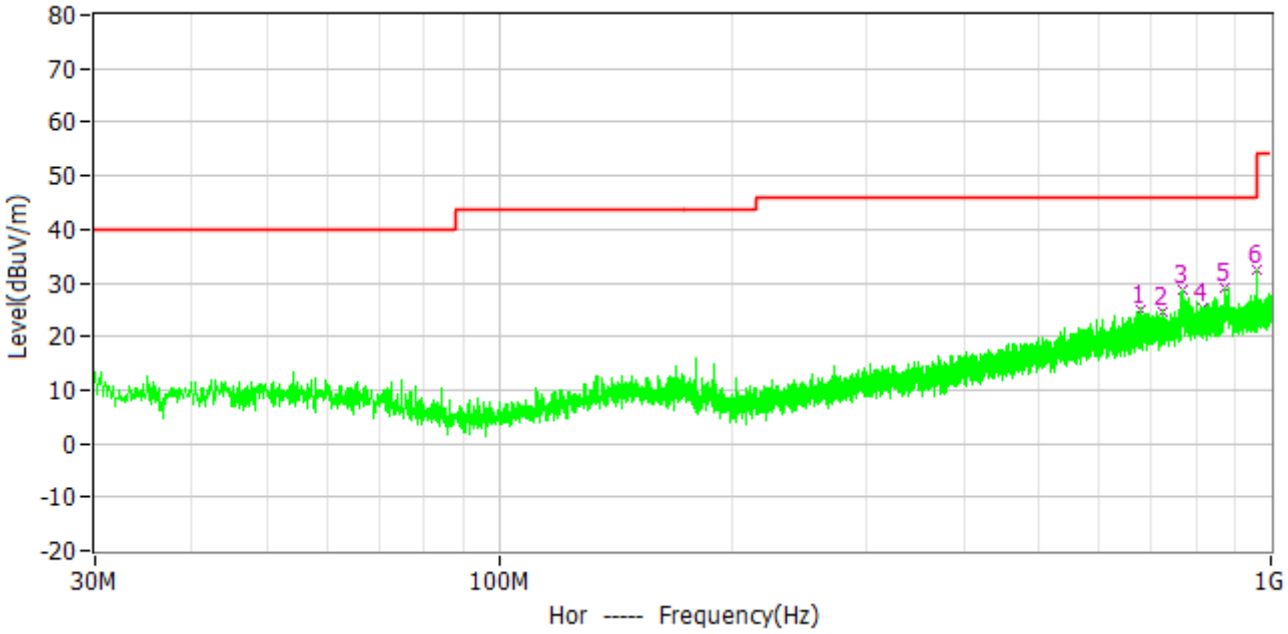
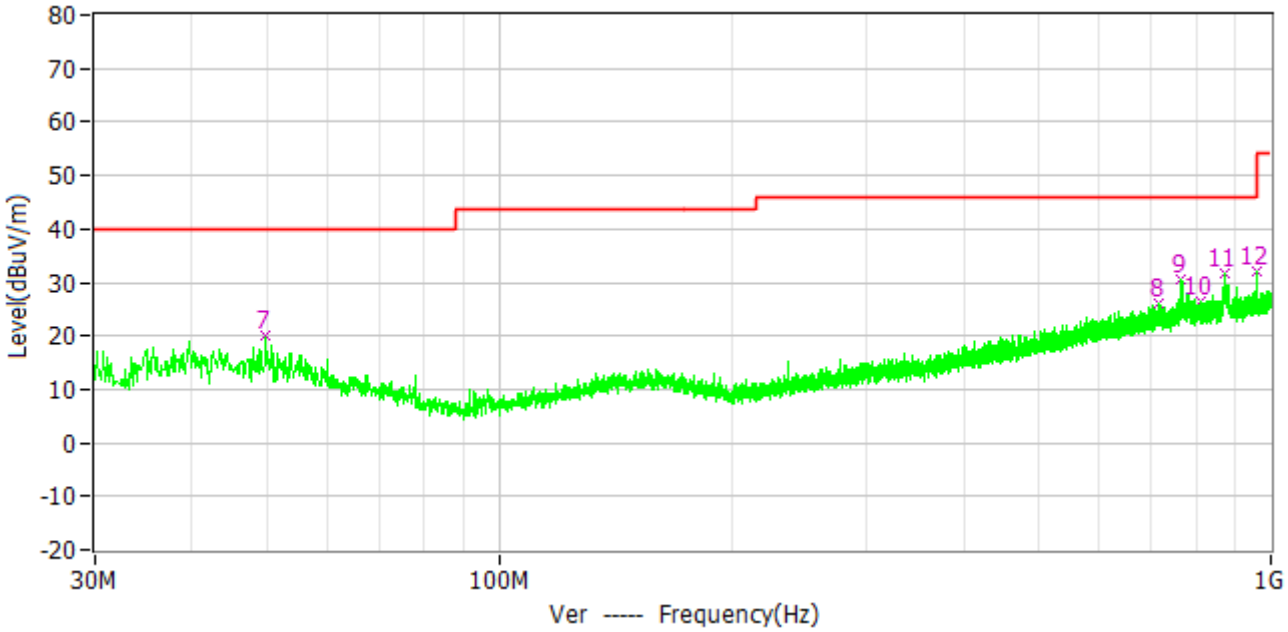
No.	Frequency	Limit dBuV/m	Level dBuV/m	Delta dB	Detector	Polar
1*	623.349MHz	46.0	22.4	-23.6	PK	Hor
2*	670.006MHz	46.0	23.4	-22.6	PK	Hor
3*	724.035MHz	46.0	25.1	-20.9	PK	Hor
4*	783.108MHz	46.0	27.9	-18.1	PK	Hor
5*	869.147MHz	46.0	29.1	-16.9	PK	Hor
6*	936.368MHz	46.0	27.2	-18.8	PK	Hor
7*	35.432MHz	40.0	19.9	-20.1	PK	Ver
8*	50.176MHz	40.0	21.6	-18.4	PK	Ver
9*	666.320MHz	46.0	24.9	-21.1	PK	Ver
10*	766.715MHz	46.0	26.9	-19.1	PK	Ver
11*	869.147MHz	46.0	30.2	-15.8	PK	Ver
12*	959.648MHz	46.0	28.9	-17.1	PK	Ver

Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Level = Original Receiver Reading + Correct Factor
3. Delta = Level - Limit
4. If the PK Level is lower than AV limit, the AV test can be elided.

TEST REPORT

Host Model: T36-01





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No.	Frequency	Limit dBuV/m	Level dBuV/m	Delta dB	Detector	Polar
1*	680.191MHz	46.0	25.1	-20.9	PK	Hor
2*	722.483MHz	46.0	24.4	-21.6	PK	Hor
3*	766.909MHz	46.0	28.8	-17.2	PK	Hor
4*	815.700MHz	46.0	25.2	-20.8	PK	Hor
5*	869.147MHz	46.0	29.1	-16.9	PK	Hor
6*	959.745MHz	46.0	32.5	-13.5	PK	Hor
7*	49.885MHz	40.0	19.9	-20.1	PK	Ver
8*	717.342MHz	46.0	25.9	-20.1	PK	Ver
9*	765.745MHz	46.0	30.7	-15.3	PK	Ver
10*	812.693MHz	46.0	26.6	-19.4	PK	Ver
11*	869.147MHz	46.0	31.8	-14.2	PK	Ver
12*	959.745MHz	46.0	32.1	-13.9	PK	Ver

Remark: 1. Correct Factor = Antenna Factor + Cable Loss (+ Amplifier, for higher than 1GHz), the value was added to Original Receiver Reading by the software automatically.
2. Level = Original Receiver Reading + Correct Factor
3. Delta = Level - Limit
4. If the PK Level is lower than AV limit, the AV test can be elided.

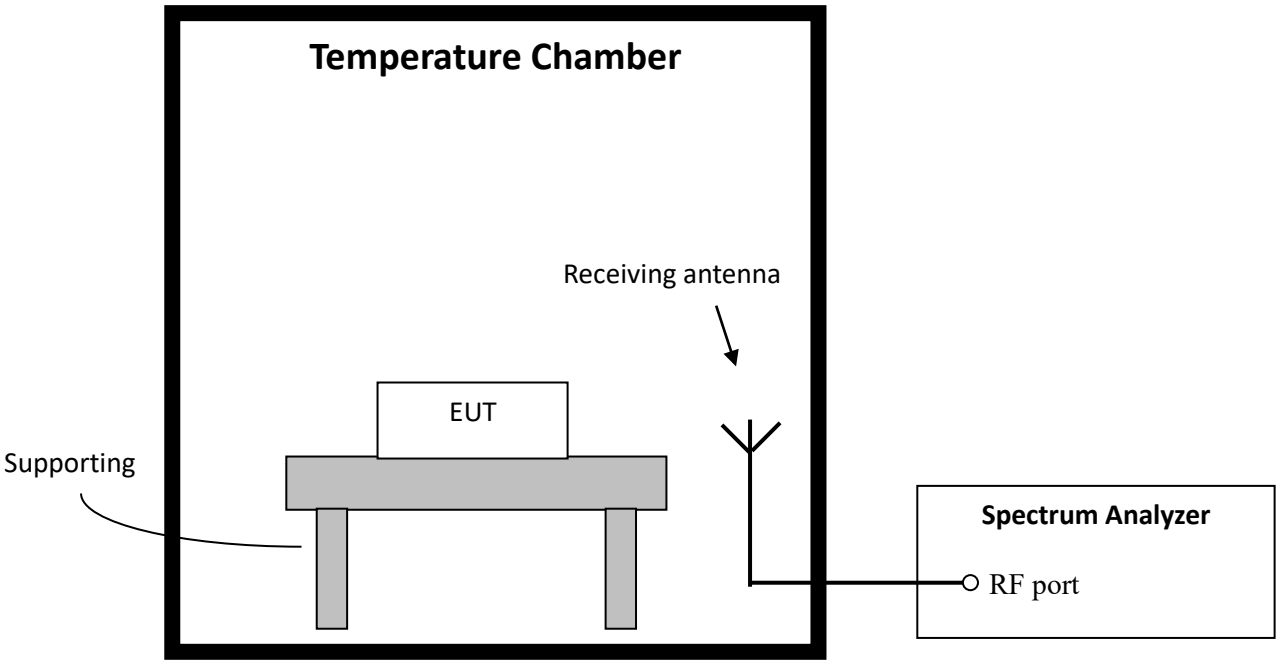
5 Frequency Stability (Temperature Variation)

Test result: PASS

5.1 Test limit

The frequency tolerance of the carrier signal shall be maintained within ±0.01% of the operating frequency over a temperature variation of −20 degrees to +50 degrees C at normal supply voltage.

5.2 Test Configuration



5.3 Test procedure and test setup

Test Procedure as per ANSI 63.10 clause 6.8.1.

5.4 Test protocol

Host Model: T35-01

Voltage (V)	Temp (ºC)	Freq measured (MHz)	Freq nominal (MHz)	Tolerance (%)	Limit (%)
3.7	-20	13.561	13.560	0.007	0.01
	-10	13.560	13.560	0.000	
	0	13.560	13.560	0.000	
	10	13.560	13.560	0.000	
	20	13.560	13.560	0.000	
	30	13.560	13.560	0.000	
	40	13.561	13.560	0.007	
	50	13.561	13.560	0.007	

TEST REPORT

Host Model: T36-01

Voltage (V)	Temp (ºC)	Freq measured (MHz)	Freq nominal (MHz)	Tolerance (%)	Limit (%)
3.7	-20	13.561	13.560	0.007	0.01
	-10	13.561	13.560	0.007	
	0	13.561	13.560	0.007	
	10	13.560	13.560	0.000	
	20	13.560	13.560	0.000	
	30	13.560	13.560	0.000	
	40	13.561	13.560	0.007	
	50	13.561	13.560	0.007	

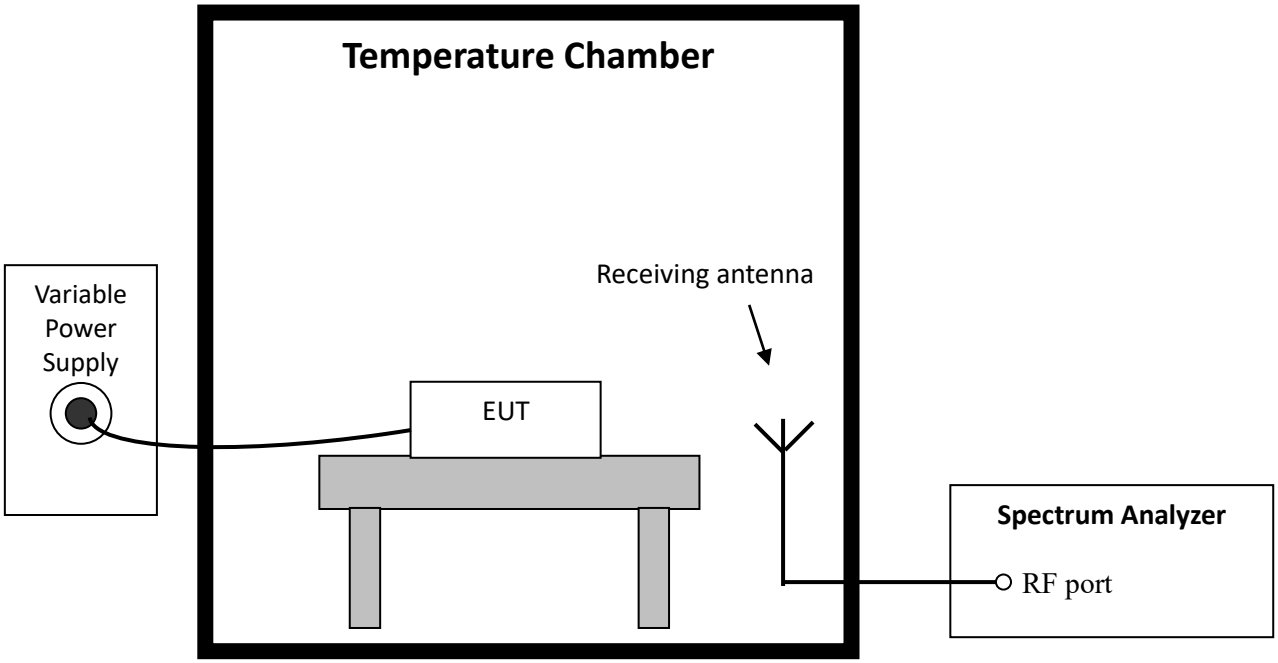
6 Frequency Stability (Voltage Variation)

Test result: PASS

6.1 Test limit

The frequency tolerance of the carrier signal shall be maintained within ±0.01% for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

6.2 Test Configuration



6.3 Test procedure and test setup

Test Procedure as per ANSI 63.10 clause 6.8.2.

6.4 Test protocol

Host Model: T35-01

Temp (ºC)	Voltage (V)	Freq Measured (MHz)	Freq nominal (MHz)	Tolerance (%)	Limit (%)
20	3.7	13.561	13.560	0.007	0.01
	3.145	13.561	13.560	0.007	

Host Model: T36-01

Temp (ºC)	Voltage (V)	Freq Measured (MHz)	Freq nominal (MHz)	Tolerance (%)	Limit (%)
20	3.7	13.560	13.560	0	0.01
	3.145	13.561	13.560	0.007	

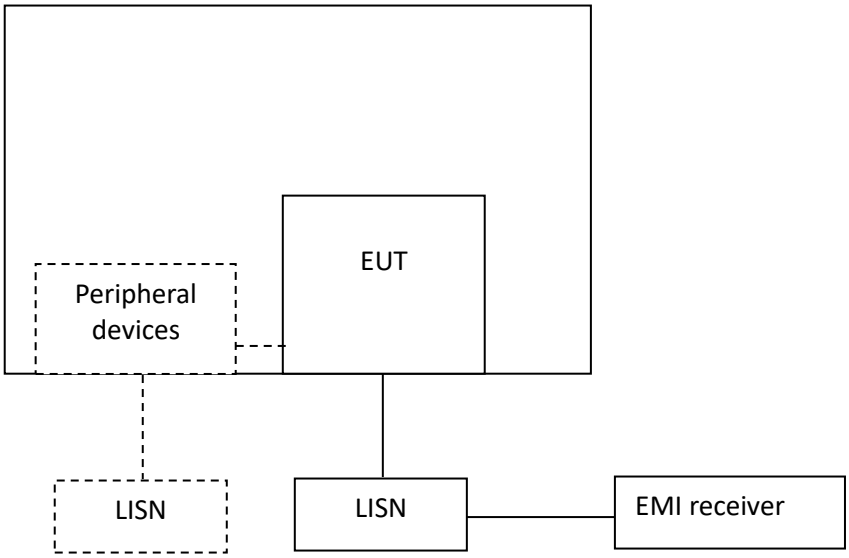
7 Conducted emissions

Test result: **NA**

7.1 Limit

Frequency of Emission (MHz)	Conducted Emissions Limit (dBuV)	
	QP	AV
0.15-0.5	66 to 56*	56 to 46 *
0.5-5	56	46
5-30	60	50
* Decreases with the logarithm of the frequency.		

7.2 Test Configuration



7.3 Measurement Procedure

Measured levels of ac power-line conducted emission shall be the emission voltages from the voltage probe, where permitted, or across the 50 Ω LISN port (to which the EUT is connected), where permitted, terminated into a 50 Ω measuring instrument. All emission voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord by the use of mating plugs and receptacles on the LISN, if used. Equipment shall be tested with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended by the manufacturer. For those measurements using a LISN, the 50 Ω measuring port is terminated by a measuring instrument having 50 Ω input impedance. All other ports are terminated in 50 Ω loads.

Tabletop devices shall be placed on a platform of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The vertical conducting plane or wall of an RF-shielded (screened) room shall be located 40 cm to the rear of the EUT. Floor-standing devices shall be placed either directly on the reference ground-plane or on insulating material as described in ANSI C63.4. All other surfaces of tabletop or floor-standing EUTs shall be at least 80 cm from any other grounded conducting surface, including the case or cases of one or more LISNs.

The bandwidth of the test receiver is set at 9 kHz.

7.4 Test Results of Conducted Emissions

NA.

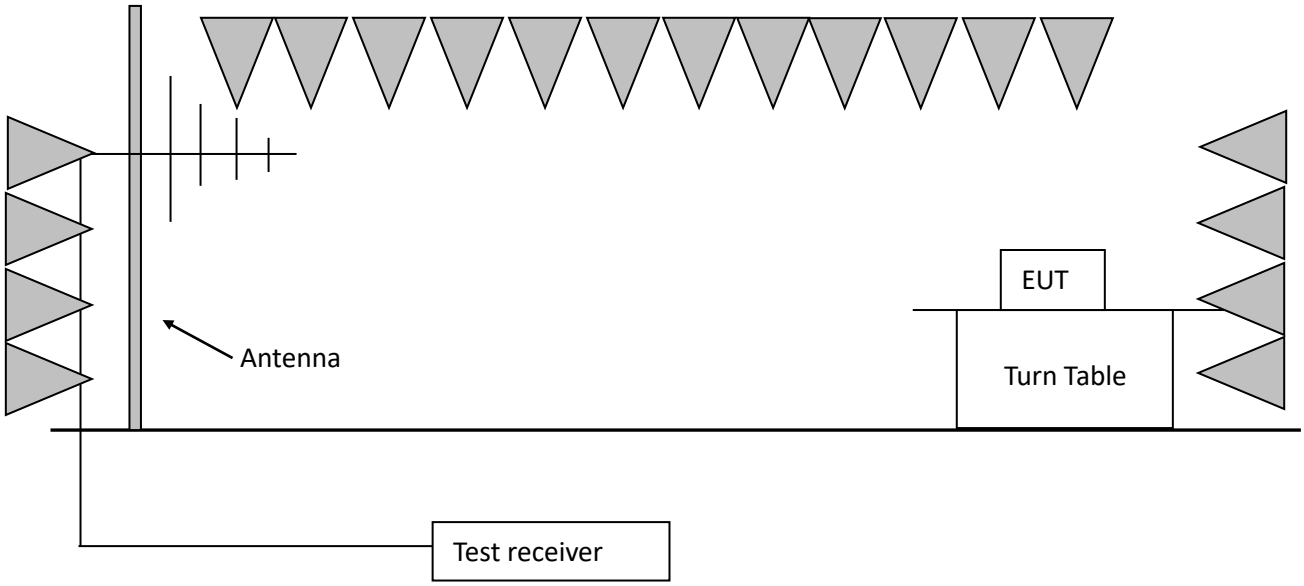
8 99% and 20dB Bandwidth

Test result: Pass

8.1 Limit

The 20dB bandwidth should be fallen in the allocated operating frequency range.
No limit for 99% bandwidth.

8.2 Test configuration



8.3 Test procedure and test set up

The measurement was applied in a 3m semi-anechoic chamber.

The center of the loop antenna shall be 1 m above the horizontal metal ground plane.

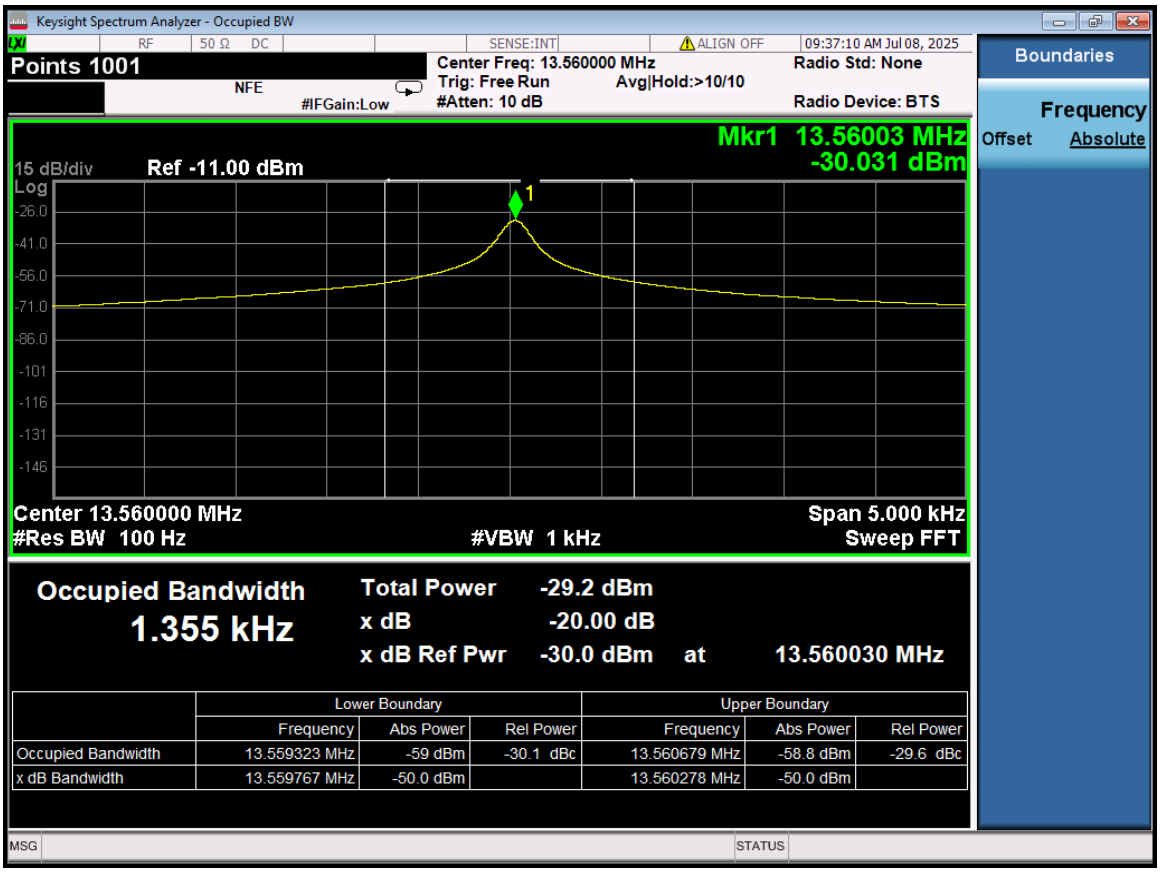
The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set RBW = 1 % to 5 % of the OBW
3. Set VBW ≥ 3 · RBW
4. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
5. Use the 99 % power bandwidth function of the instrument (if available).
6. the 20dB bandwidth is also measured with the same setting.

8.4 Test protocol

Host Model: T35-01

	Lower point (MHz)	Higher point (MHz)	Bandwidth (KHz)	Allocated bandwidth (MHz)
99% Bandwidth	13.5593	13.5607	1.355	/
20dB Bandwidth	13.5598	13.5603	0.500	13.553 ~ 13.567

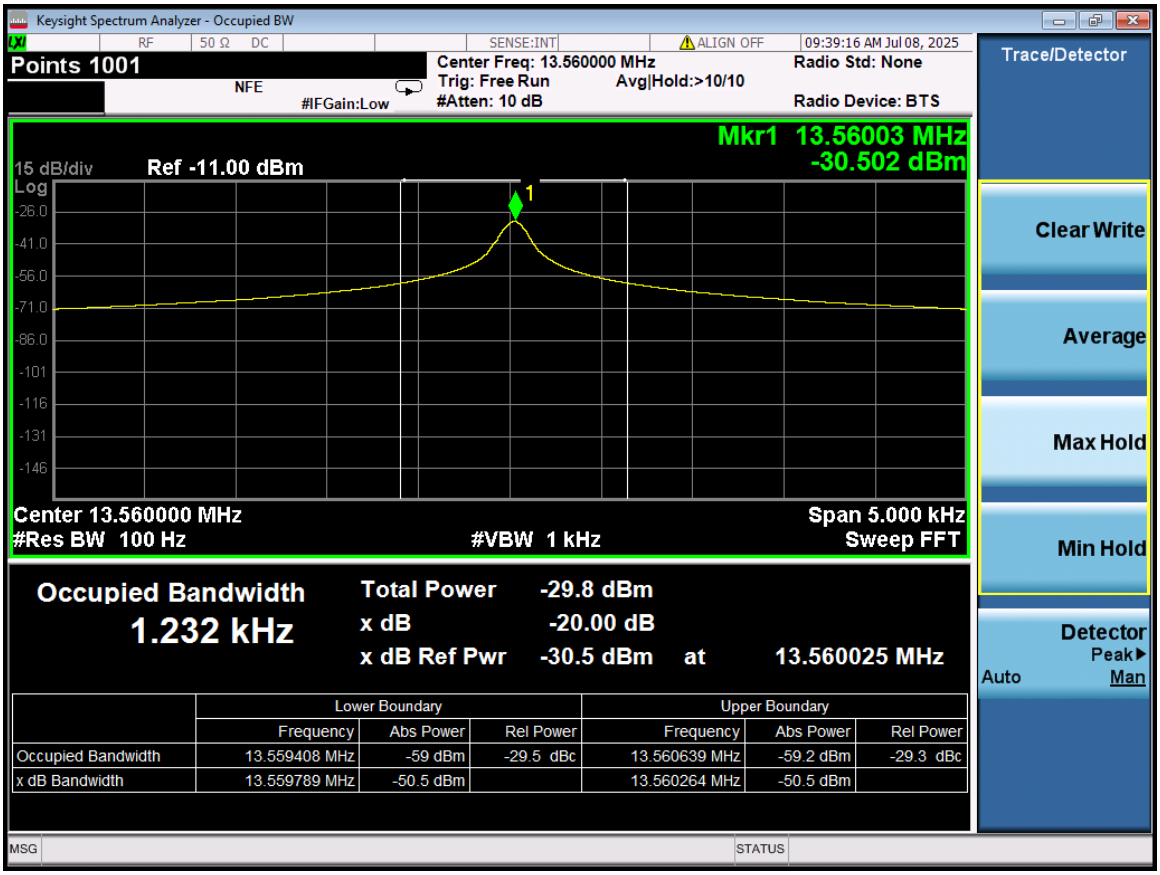


	Lower Boundary			Upper Boundary		
	Frequency	Abs Power	Rel Power	Frequency	Abs Power	Rel Power
Occupied Bandwidth	13.559323 MHz	-59 dBm	-30.1 dBc	13.560679 MHz	-58.8 dBm	-29.6 dBc
x dB Bandwidth	13.559767 MHz	-50.0 dBm		13.560278 MHz	-50.0 dBm	

TEST REPORT

Host Model: T36-01

	Lower point (MHz)	Higher point (MHz)	Bandwidth (KHz)	Allocated bandwidth (MHz)
99% Bandwidth	13.5594	13.5606	1.232	/
20dB Bandwidth	13.5598	13.5603	0.500	13.553 ~ 13.567



	Lower Boundary			Upper Boundary		
	Frequency	Abs Power	Rel Power	Frequency	Abs Power	Rel Power
Occupied Bandwidth	13.559408 MHz	-59 dBm	-29.5 dBc	13.560639 MHz	-59.2 dBm	-29.3 dBc
x dB Bandwidth	13.559789 MHz	-50.5 dBm		13.560264 MHz	-50.5 dBm	

9 Antenna requirement

Requirement:
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a 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.

Result:
EUT uses permanently attached antenna to the intentional radiator, so it can comply with the provisions of this section.

********** END **********