



Test report No:
2560639R.702

TEST REPORT

Product Name	Tablet Computer
Trademark	Xiaomi
Model and /or type reference	25097RP43G
FCC ID	2AFZZRP43G
Applicant's name / address	Xiaomi Communications Co., Ltd. #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Tested by (name / position & signature)	Tim Cao/ Project Manager 
Approved by (name / position & signature)	Frank He/ Technical Manager 
Date of issue	2025-08-13
Report Version	V1.0
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COMPETENCES AND GUARANTEES

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

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

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

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

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

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

GENERAL CONDITIONS

Test Location A	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Location B	No. 8213, Fanhua Avenue, Baohe District, Hefei City, Anhui Province, China
Date (receive sample)	Jul. 11, 2025
Date (start test)	Jul. 13, 2025
Date (finish test)	Jul. 28, 2025
Note: Radiated Emission and Radiated Emission Band Edge were completed at Test Location B, and other tests were completed at Test Location A.	

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

ENVIRONMENTAL CONDITIONS

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

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

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

POSSIBLE TEST CASE VERDICTS

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

ABBREVIATIONS

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

EUT	: Equipment Under Test
PK	: Peak
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
RMS	: Root Mean Squar
NT	: Normal Temperature
HT	: High Extreme Test Temperature
LT	: Low Extreme Test Temperature
NV	: Normal Voltage
HV	: High Extreme Test Voltage
LV	: Low Extreme Test Voltage

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2560639R.702	V1.0	Initial issue of report.	2025-08-13

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 15.247).
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 General Information;

USED EQUIPMENT

Location A: Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Wireless Connectivity Tester	R&S	CMW 270	102593	2025.05.10	2026.05.09	V 4.0.60	N/A
Coaxial Cable	N/A	N/A	2477	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2478	2025.06.10	2026.06.09	N/A	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2025.04.13	2026.04.12	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2025.06.17	2026.06.16	N/A	N/A
Test system							
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2024.10.26	2025.10.25	A.14.03	N/A
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.01.26	2026.01.25	N/A	N/A
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2025.03.23	2026.03.22	B.01.96	N/A
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2025.03.23	2026.03.22	N/A	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2025.05.10	2026.05.09	B.01.95	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.0.22

Location A: AC Power Line Conducted Emission / TR1

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

Location A: Radiated Emission(9kHz-1GHz) / AC6

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	Agilent	N9020A	MY49100159	2025.05.10	2026.05.09	A 08.54	N/A
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01231	2025.05.28	2026.05.27	N/A	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2025.04.16	2026.04.15	N/A	N/A
Coaxial Cable	N/A	N/A	2225	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2229	2025.06.10	2026.06.09	N/A	N/A
Temperature/ Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16	N/A	N/A
Temperature/ Humidity Meter	RTS	RTS-8S	RF06	2025.06.17	2026.06.16	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	keysight	N9020B	MY63490118	2024.07.26	2025.07.25	A 08.54	N/A
Signal analyzer	keysight	N9020B	MY63490118	2025.07.19	2026.07.18	A 08.54	N/A
Bilog Antenna	TESEQ	CBL6112D	64164	2024.11.23	2025.11.22	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2024.11.02	2025.11.01	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2024.10.28	2025.10.27	N/A	N/A
Amplifier	ESE	LNA0118	LNA23100009	2024.08.10	2025.08.09	N/A	N/A
Amplifier	Tonscend	TAP01018048S	AP23J8060307	2024.11.16	2025.11.15	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2024.11.20	2025.11.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	2024.09.04	2025.09.03	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

UNCERTAINTY

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

Test item	Uncertainty
AC Power Line Conducted Emission	9kHz~150kHz: 2.8 dB 150kHz~30MHz: 2.4 dB
Peak Power Output	± 1.3 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 3.5 dB 300MHz~1GHz: 3.6 dB Vertical: 30MHz~200MHz: 3.6 dB 300MHz~1GHz: 3.5 dB
Radiated Emission(1GHz~26.5GHz)	Horizontal: 1GHz~18GHz: 5.0 dB Vertical: 1GHz~18GHz: 4.8 dB Horizontal: 18GHz~26.5GHz: 5.3 dB Vertical: 18GHz~26.5GHz: 4.9 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

Product Name	Tablet Computer					
Model No.	25097RP43G					
Trademark	Xiaomi					
FCC ID	2AFZZRP43G					
Manufacturer	Xiaomi Communications Co., Ltd.					
Manufacturer Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085					
Power supply	Battery: 3.91Vdc					
Wireless specification	Bluetooth					
Operating frequency range(s)	2400~2483.5MHz					
Type of Modulation	GFSK					
PHYs	☒	GFSK	☒	Pi/4 DQPSK	☒	8DPSK
Data Rate	☒	1Mbit/s	☒	2Mbit/s	☒	3Mbit/s
Channel Spacing	1MHz					
Antenna type	Ant 0: PIFA Ant 2: Resonant cavity Antenna					
Antenna Gain	Ant 0: -3.5 dBi Ant 2: -2.2 dBi					

Remark:

1. 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.
2. This device is equipped with two bluetooth antennas. We tested the output power of both chains separately. When testing other conduction test items, only the chain with higher power was selected for testing. When testing radiated spurious emissions, we tested the data of both antenna chains, but only the data of the poorer chain, ANT0, was shown in the report.

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) N/A	N/A	N/A	N/A
(2) N/A	N/A	N/A	N/A
(3) N/A	N/A	N/A	N/A
Software	Type / Version	Manufacturer	Supplied by
CTL Tool	N/A	N/A	N/A

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2) N/A	1	☐	☐
(3) N/A	8	☐	☐

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
FCC CFR Title 47 Part 15 Subpart C	2024	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB558074 D01 v05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247

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

Performed Test Item	Normative References	Test Performed	Remark
Emissions in restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015Section 15.209	Yes	Please refer to appendix for test data
20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(1)	Yes	Please refer to appendix for test data
Carrier Frequency Separation	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(1)	Yes	Please refer to appendix for test data
Number of Hopping Frequencies	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(1)(iii)	Yes	Please refer to appendix for test data
Time of Occupancy (Dwell Time)	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(1)(iii)	Yes	Please refer to appendix for test data
Peak OutputPower	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(b)(1)	Yes	Please refer to appendix for test data
Emissions in non-restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.215(c), 15.247(d)	Yes	Please refer to appendix for test data
Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2015 15.247(d)	Yes	Please refer to appendix for test data
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2015Section 15.207	Yes	Please refer to appendix for test data
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.203	Yes	---

3.4 Power setting in test

Mode	Channel	Frequency (MHz)	Power setting
Mode1	00	2402	16
	39	2441	16
	78	2480	16
Mode2	00	2402	16
	39	2441	16
	78	2480	16
Mode3	00	2402	16
	39	2441	16
	78	2480	16

3.5 Test Facility

Tset Location A : FCC Designation Number: CN1199

4 TEST RESULTS

4.1 Conducted Emission

VERDICT: PASS

4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.207	
Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾]	Limit: AV [dB(μV) ¹⁾]
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾
0,50 - 5,0	56	46
5,0 - 30	60	50

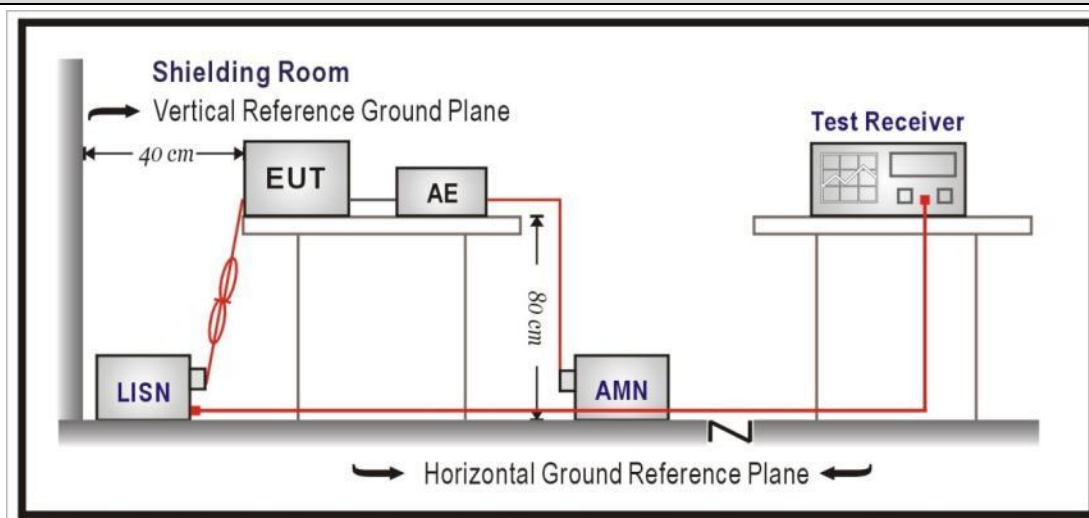
¹⁾ At the transition frequency, the lower limit applies.

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

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

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

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 Emissions in restricted frequency bands**VERDICT: PASS****4.2.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.209
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Restricted Bands of operation for FCC

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			

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)

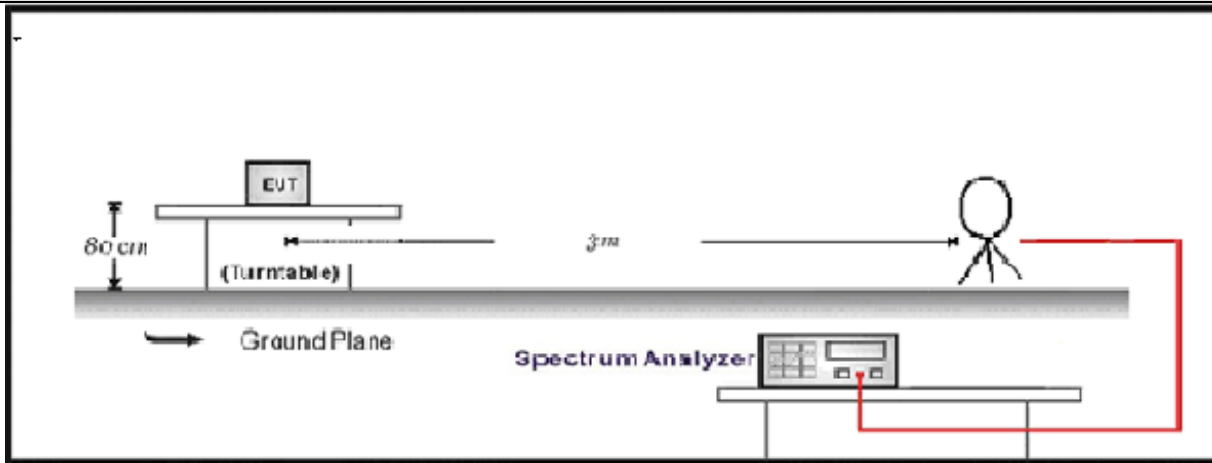
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

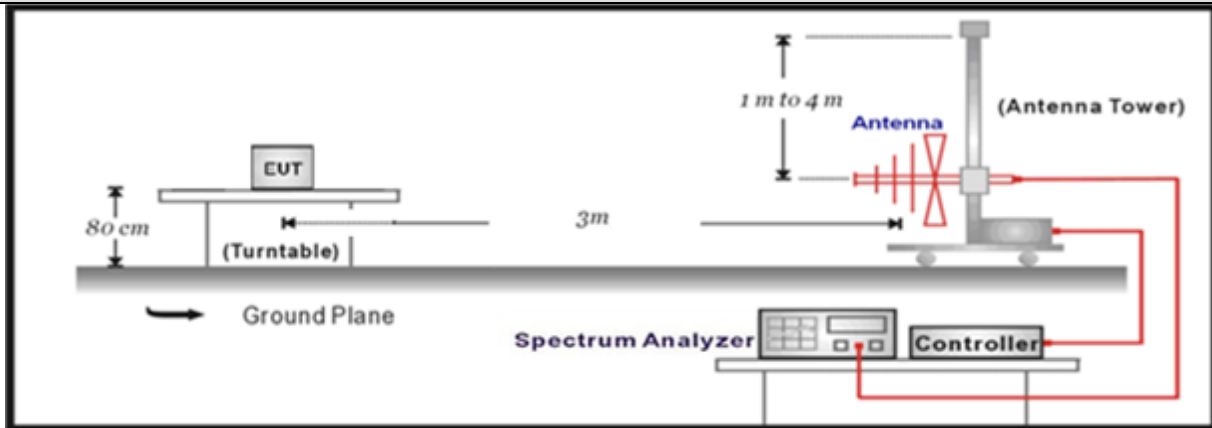
Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified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

4.2.2 Test Setup

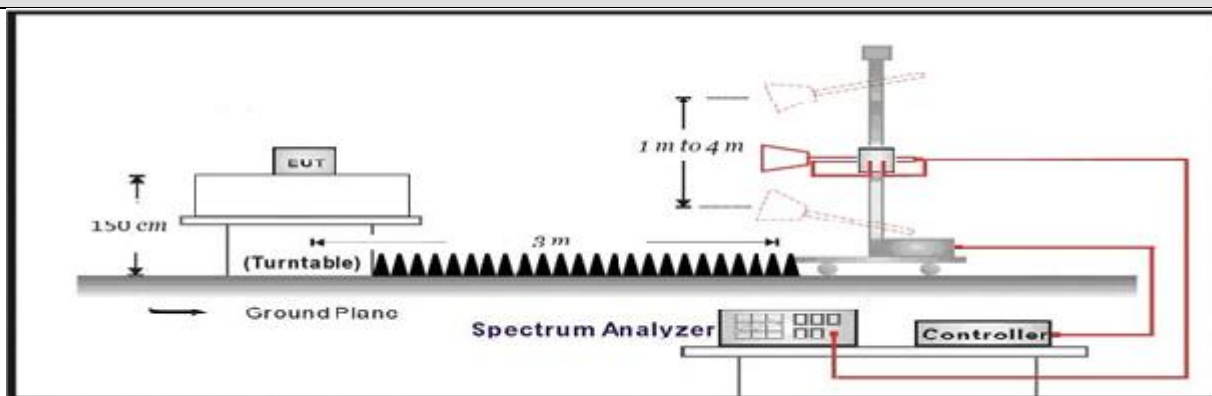
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:

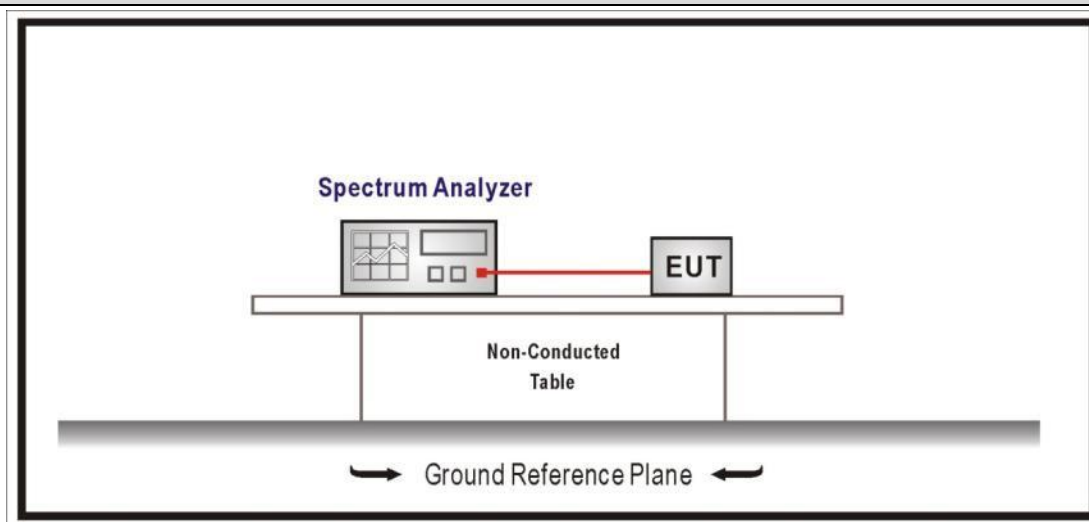


4.2.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10	11.12.1	Radiated emission measurements
	☒	ANSI C63.10	11.12.2.7	Radiated spurious emission test
	☒	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 20dB Bandwidth**VERDICT: PASS****4.3.1 Limit**

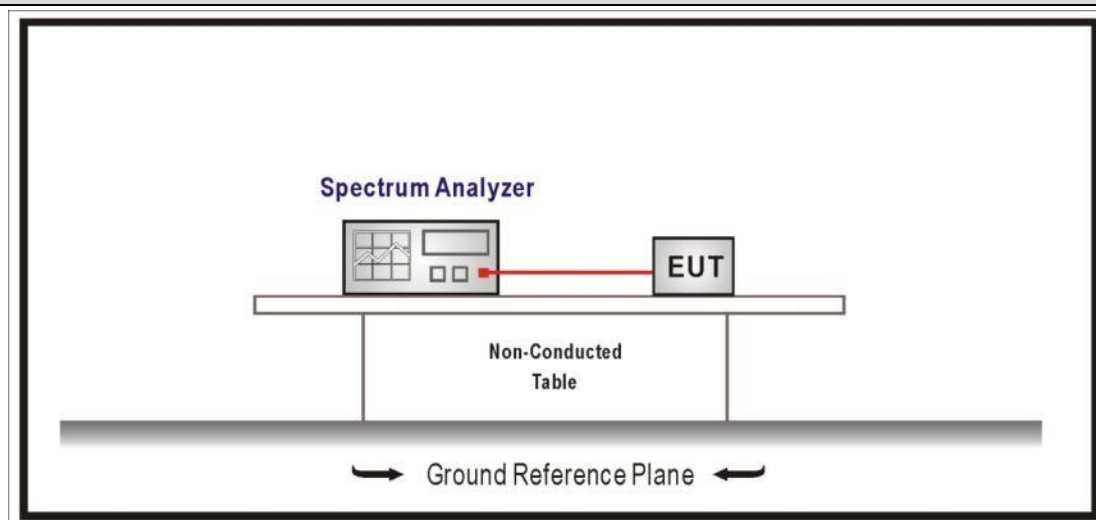
Standard		FCC Part 15 Subpart C Paragraph 15.247(a)
☒	For frequency hopping systems operating in 2400-2483.5 MHz band, within frequency range.	
☐	For frequency hopping systems operating in 902-928 MHz band, the maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.	
☐	For frequency hopping systems operating in 5725-5850 MHz band, the maximum 20 dB bandwidth of the hopping channel is 1 MHz.	

4.3.2 Test Setup**4.3.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	6.9	Occupied bandwidth tests
☒	ANSI C63.10	6.9.2	Occupied bandwidth—relative measurement procedure

4.4 CarrierFrequencySeparation**VERDICT: PASS****4.4.1 Limit**

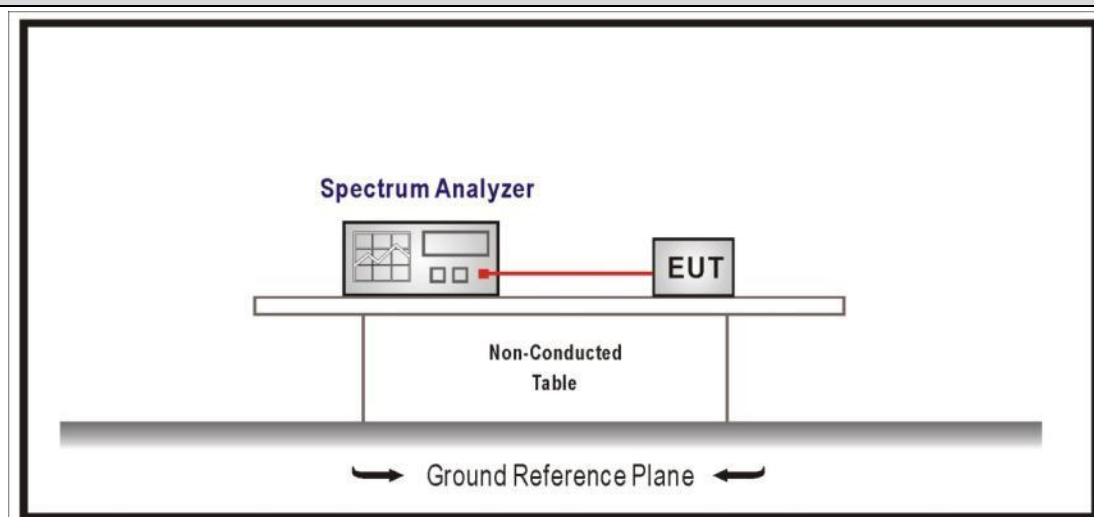
Standard	FCC Part 15 Subpart C Paragraph 15.247(a)
☐	Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.
☒	Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel.
☐	The 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4
☐	The 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4
☐	Frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies. The maximum 20 dB bandwidth of the hopping channel is 1 MHz.

4.4.2 Test Setup**4.4.3 Test Procedure**

References Rule	Chapter	Description
☒ ANSI C63.10	7.8	Evaluation of frequency-hopping device parameters
☒ ANSI C63.10	7.8.2	Carrier frequency separation

4.5 Number of hopping Frequencies**VERDICT: PASS****4.5.1 Limit**

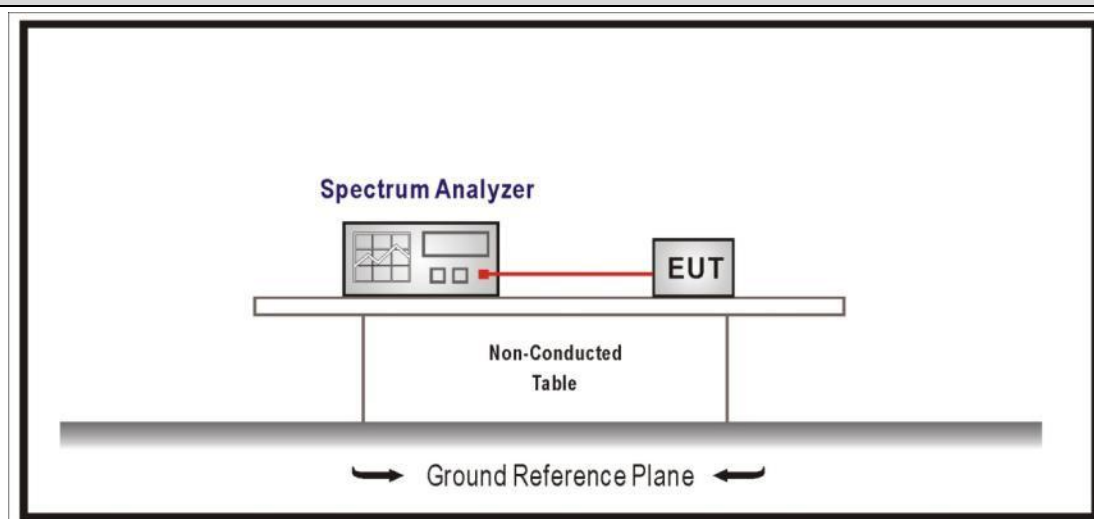
Standard		FCC Part 15 Subpart C Paragraph 15.247(a)
☒	For frequency hopping systems operating in the 2400-2483.5 MHz band shall use at least 15 hopping frequencies.	
☐	For frequency hopping systems operating in 902-928 MHz band, if the 20 dB bandwidth of the hopping channel is less than 250 kHz, shall use at least 50 hopping frequencies.	
☐	For frequency hopping systems operating in 902-928 MHz band, if the 20 dB bandwidth of the hopping channel is higher than 250 kHz, shall use at least 25 hopping frequencies.	
☐	For frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies.	

4.5.2 Test Setup**4.5.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	7.8.	Evaluation of frequency-hopping device parameters
☒	ANSI C63.10	7.8.3	Number of Hopping Frequencies

4.6 Time of Occupancy(Dwell Time)**VERDICT: PASS****4.6.1 Limit**

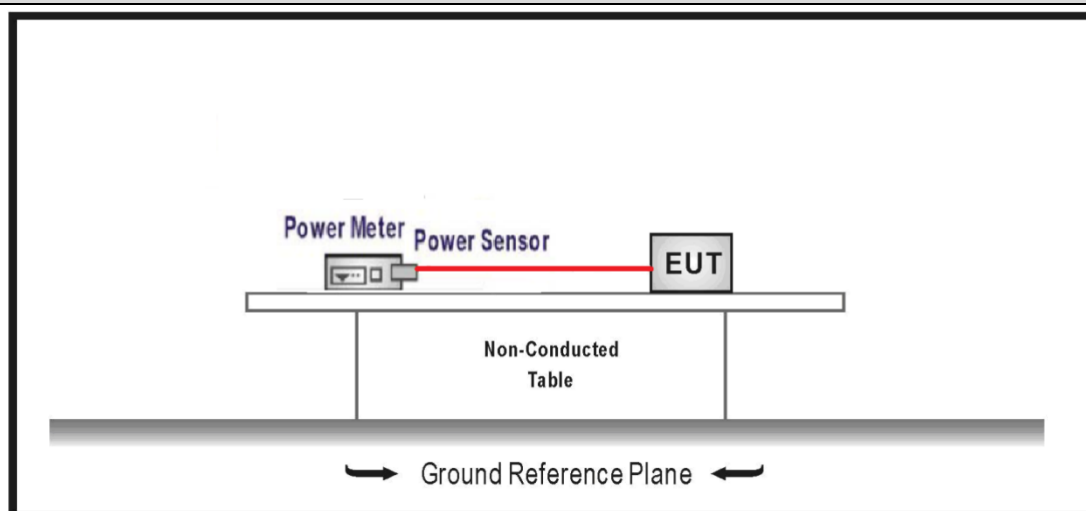
Standard		FCC Part 15 Subpart C Paragraph 15.247(a)
☒	Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.	
☐	For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period	
☐	For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.	
☐	Frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies. The maximum 20 dB bandwidth of the hopping channel is 1 MHz. The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 30 second period.	

4.6.2 Test Setup**4.6.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	7.8	Evaluation of frequency-hopping device parameters
☒	ANSI C63.10	7.8.4	Time of occupancy (dwell time)

4.7 Peak Output Power**VERDICT: PASS****4.7.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.247 (a)(1)
☒	Frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
☒	Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
☐	For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels

4.7.2 Test Setup

4.7.3 Test Procedure

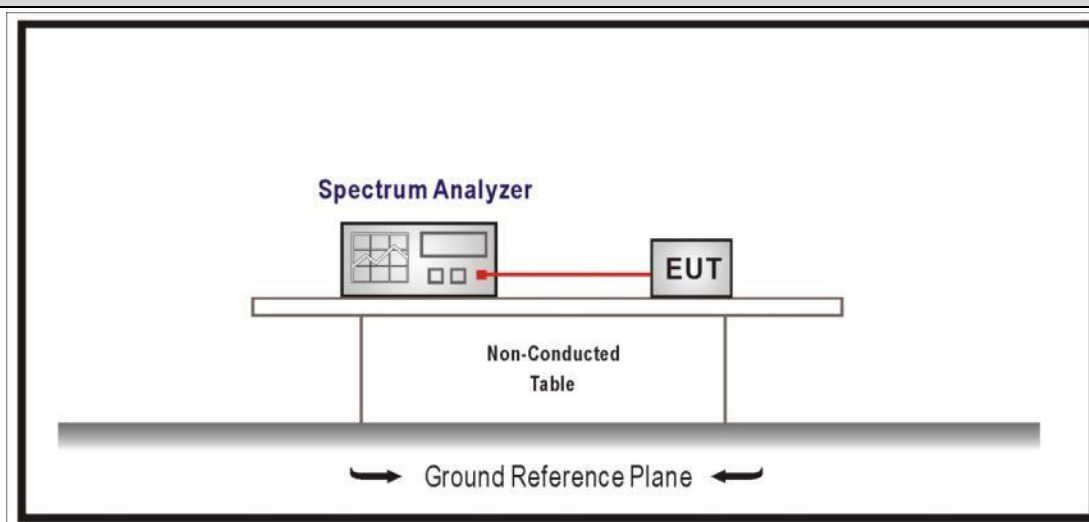
	References Rule		Chapter	Description
☒	ANSI C63.10		7.8	Evaluation of frequency-hopping device parameters
	☒	ANSI C63.10	7.8.5	Output power test procedure for frequency-hopping spread-spectrum (FHSS) devices

4.8 Emissions in non-restricted frequency band**VERDICT: PASS****4.8.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.247(d)
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30dBc(Note1)
RF Output power(PK detector)	20dBc(Note2)

Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

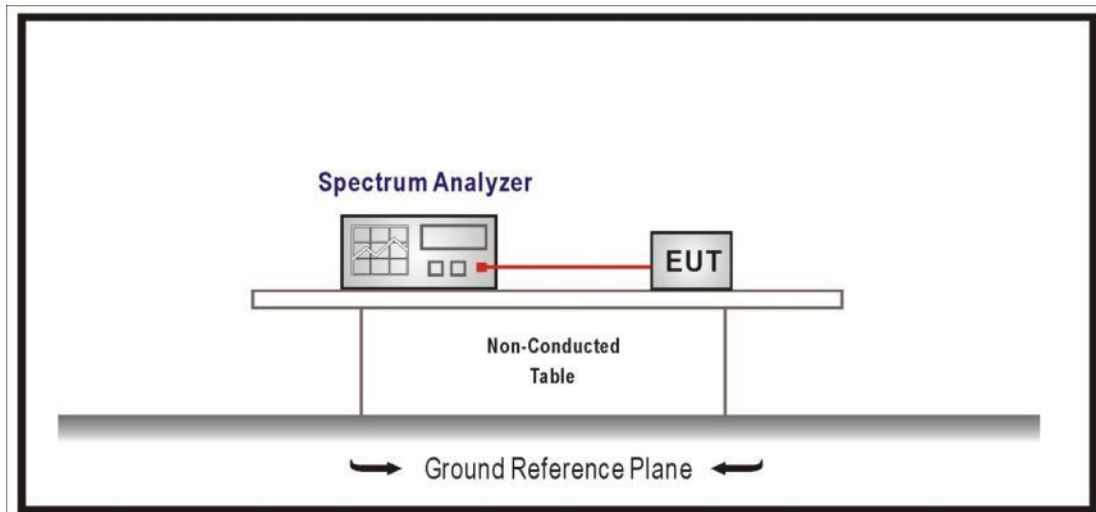
Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

4.8.2 Test Setup**4.8.3 Test Procedure**

References Rule	Chapter	Description
☒ ANSI C63.10	7.8	Evaluation of frequency-hopping device parameters
☒ ANSI C63.10	7.8.6	Band-edge measurements for RF conducted emissions

4.9 Duty cycle**VERDICT: PASS****4.9.1 Limit**

N/A

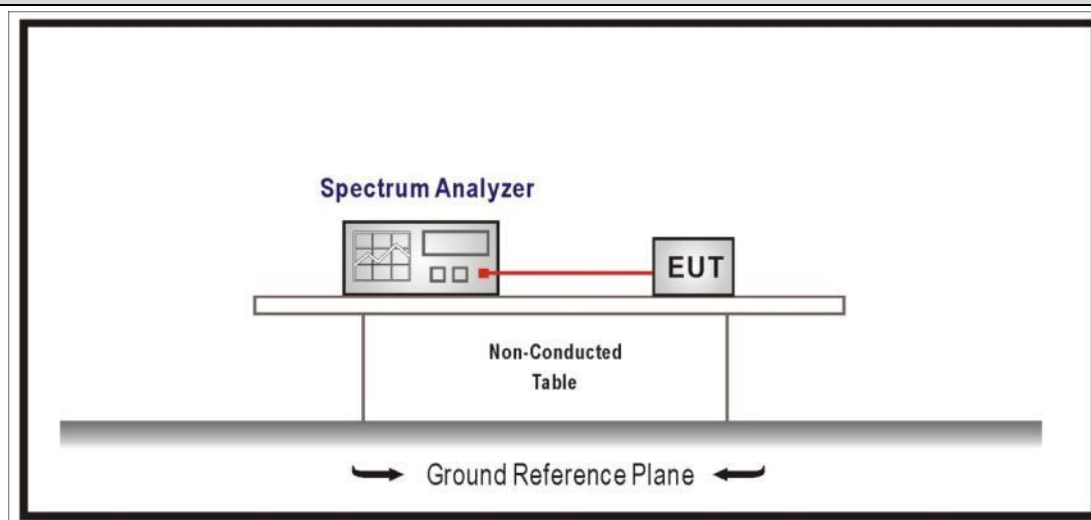
4.9.2 Test Setup**4.9.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

4.10 Band Edge**VERDICT: PASS****4.10.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

4.10.2 Test Setup**4.10.3 Test Procedure**

Test Method			
	References Rule	Chapter	Description
☐	DA 00-705	N/A	duty cycle correction factor
☒	ANSI C63.10	6.10	Band-edge testing
☒	ANSI C63.10	6.10.5	Restricted-band band-edge measurements
☐	ANSI C63.10	6.10.6	Marker-delta method
☐	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

4.11 Antenna Requirement**VERDICT: PASS****4.11.1 Limit:**

Standard	FCC Part 15 Subpart C Paragraph 15.203
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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.

4.11.2 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.

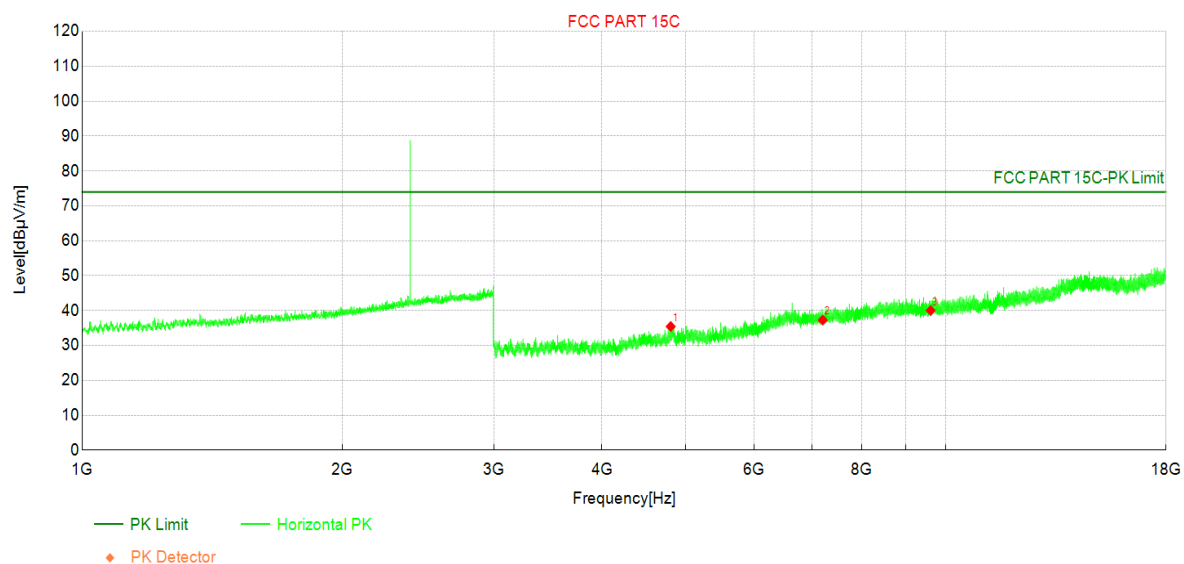
5 TEST SETUP PHOTO AND EUT PHOTO

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

Appendix A: Test data of Emissions in restricted frequency bands

Transmit at 2402MHz by DH5

Test Graph

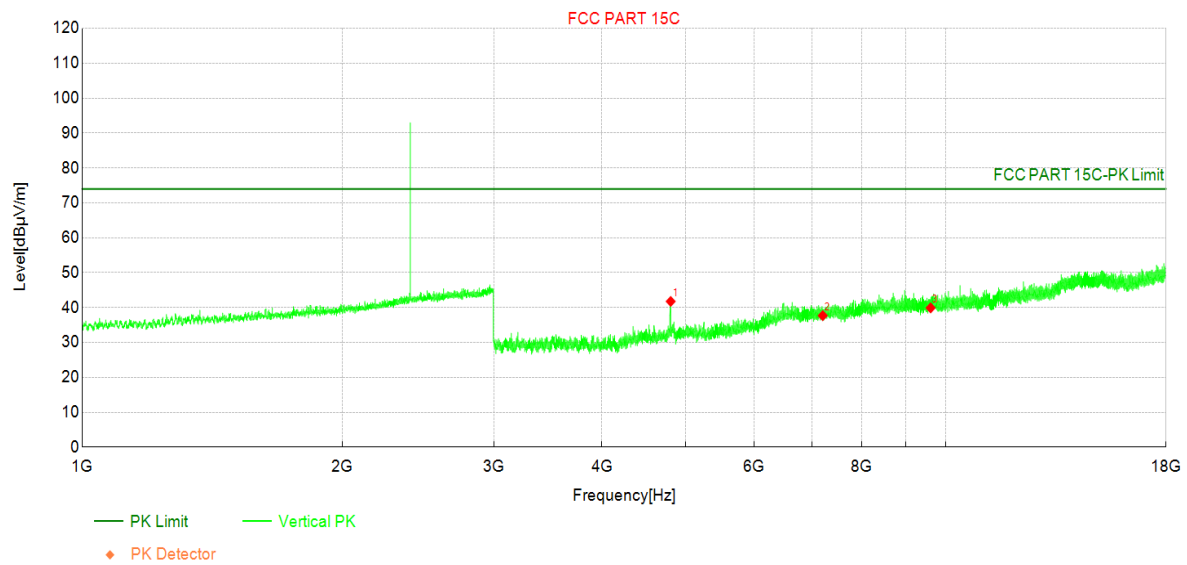


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	40.12	35.43	-4.69	74.00	38.57	PK	Horizo	PASS
	4804.00	-	10.64	-	54.00	43.36	AV	Horizo	PASS
2	7206.00	33.93	37.28	3.35	74.00	36.72	PK	Horizo	PASS
	7206.00	-	12.49	-	54.00	41.51	AV	Horizo	PASS
3	9608.00	33.19	40.01	6.82	74.00	33.99	PK	Horizo	PASS
	9608.00	-	15.22	-	54.00	38.78	AV	Horizo	PASS

Transmit at 2402MHz by DH5

Test Graph

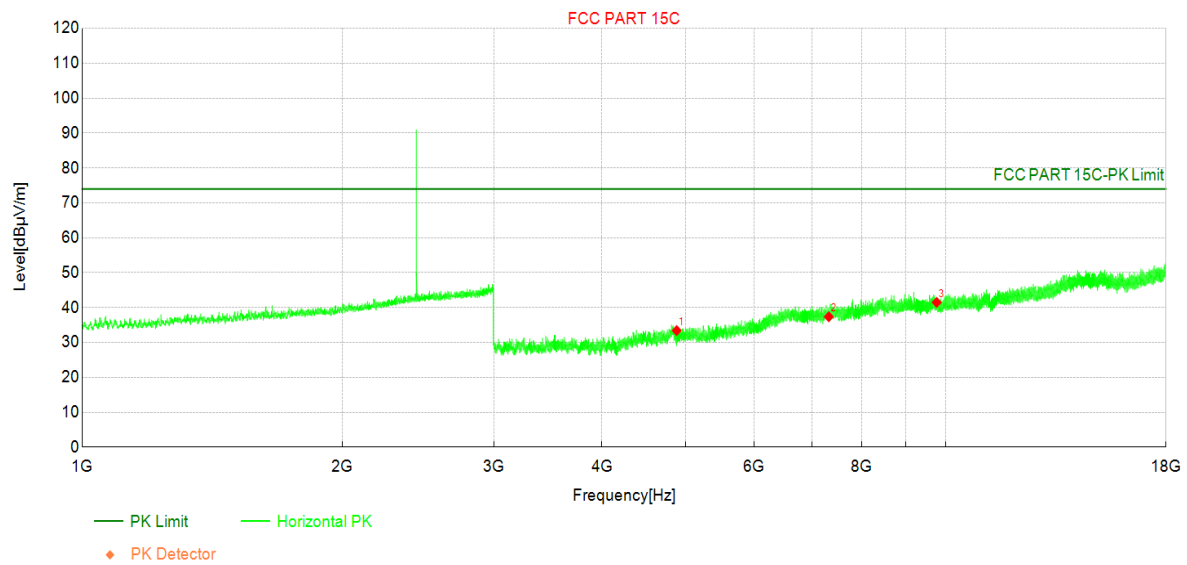


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.44	41.75	-4.69	74.00	32.25	PK	Vertic	PASS
	4804.00	-	16.96	-	54.00	37.04	AV	Vertic	PASS
2	7206.00	34.33	37.68	3.35	74.00	36.32	PK	Vertic	PASS
	7206.00	-	12.89	-	54.00	41.11	AV	Vertic	PASS
3	9608.00	33.08	39.90	6.82	74.00	34.10	PK	Vertic	PASS
	9608.00	-	15.11	-	54.00	38.89	AV	Vertic	PASS

Transmit at 2441MHz by DH5

Test Graph

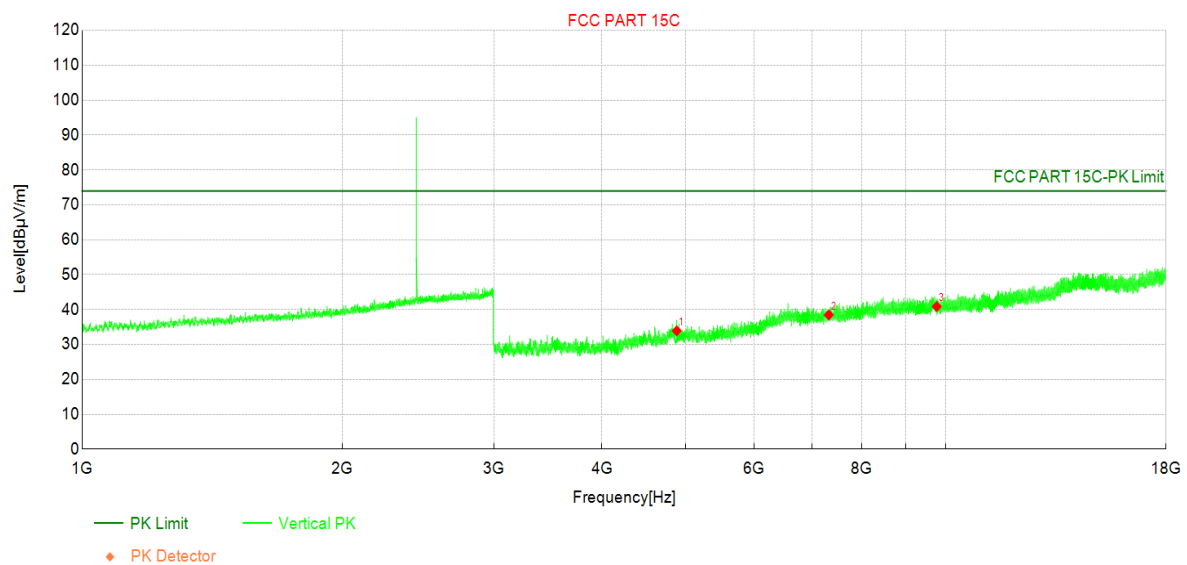


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	38.22	33.41	-4.81	74.00	40.59	PK	Horizo	PASS
	4882.00	-	8.62	-	54.00	45.38	AV	Horizo	PASS
2	7323.00	33.99	37.36	3.37	74.00	36.64	PK	Horizo	PASS
	7323.00	-	12.57	-	54.00	41.43	AV	Horizo	PASS
3	9764.00	34.21	41.49	7.28	74.00	32.51	PK	Horizo	PASS
	9764.00	-	16.70	-	54.00	37.30	AV	Horizo	PASS

Transmit at 2441MHz by DH5

Test Graph

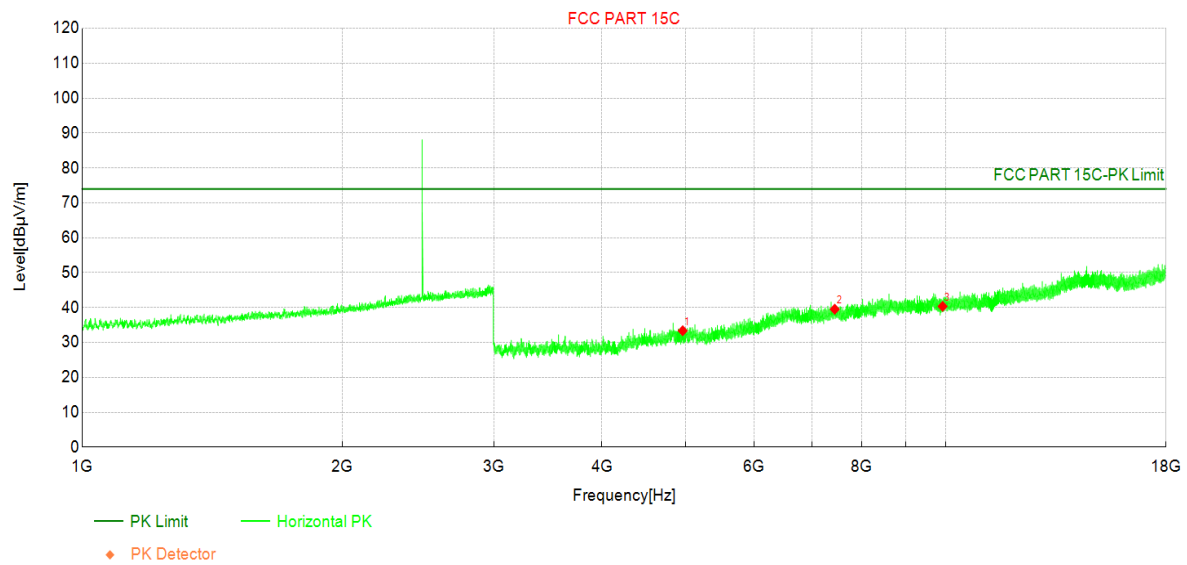


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	38.72	33.91	-4.81	74.00	40.09	PK	Vertic	PASS
	4882.00	-	9.12	-	54.00	44.88	AV	Vertic	PASS
2	7323.00	35.09	38.46	3.37	74.00	35.54	PK	Vertic	PASS
	7323.00	-	13.67	-	54.00	40.33	AV	Vertic	PASS
3	9764.00	33.58	40.86	7.28	74.00	33.14	PK	Vertic	PASS
	9764.00	-	16.07	-	54.00	37.93	AV	Vertic	PASS

Transmit at 2480MHz by DH5

Test Graph

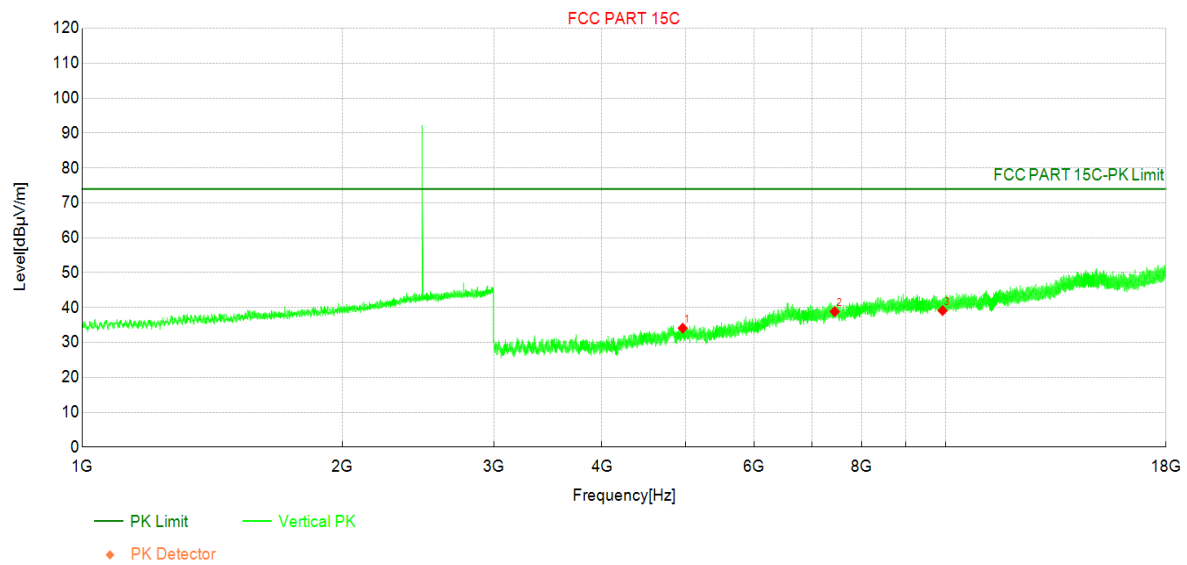


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	38.06	33.36	-4.70	74.00	40.64	PK	Horizo	PASS
	4960.00	-	8.57	-	54.00	45.43	AV	Horizo	PASS
2	7440.00	35.83	39.52	3.69	74.00	34.48	PK	Horizo	PASS
	7440.00	-	14.73	-	54.00	39.27	AV	Horizo	PASS
3	9920.00	33.37	40.34	6.97	74.00	33.66	PK	Horizo	PASS
	9920.00	-	15.55	-	54.00	38.45	AV	Horizo	PASS

Transmit at 2480MHz by DH5

Test Graph

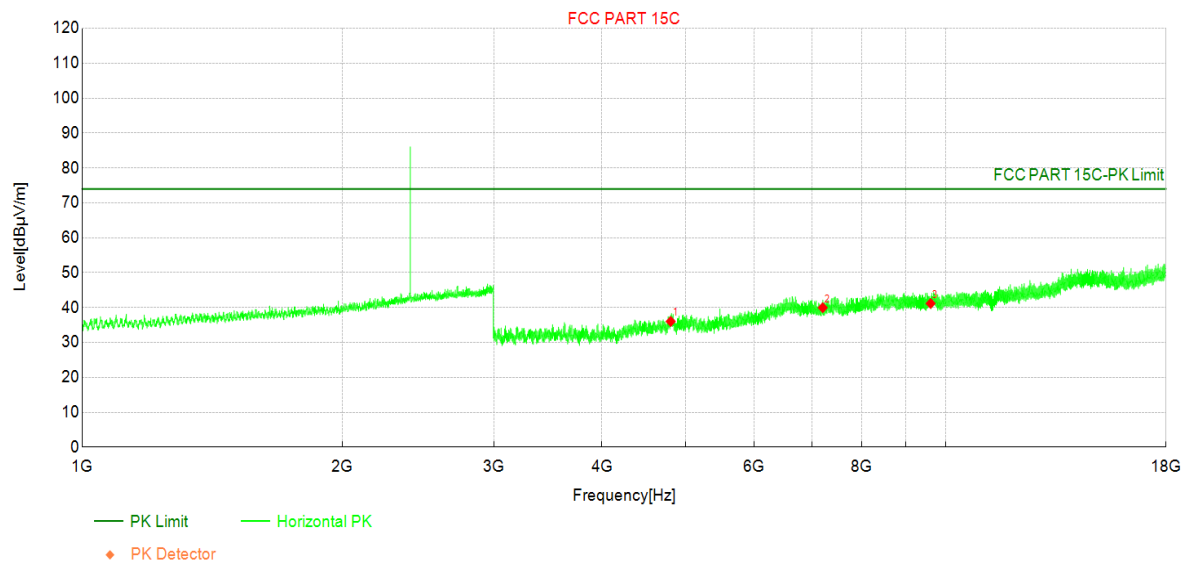


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	38.80	34.10	-4.70	74.00	39.90	PK	Vertic	PASS
	4960.00	-	9.31	-	54.00	44.69	AV	Vertic	PASS
2	7440.00	35.15	38.84	3.69	74.00	35.16	PK	Vertic	PASS
	7440.00	-	14.05	-	54.00	39.95	AV	Vertic	PASS
3	9920.00	32.14	39.11	6.97	74.00	34.89	PK	Vertic	PASS
	9920.00	-	14.32	-	54.00	39.68	AV	Vertic	PASS

Transmit at 2402MHz by 2DH5

Test Graph

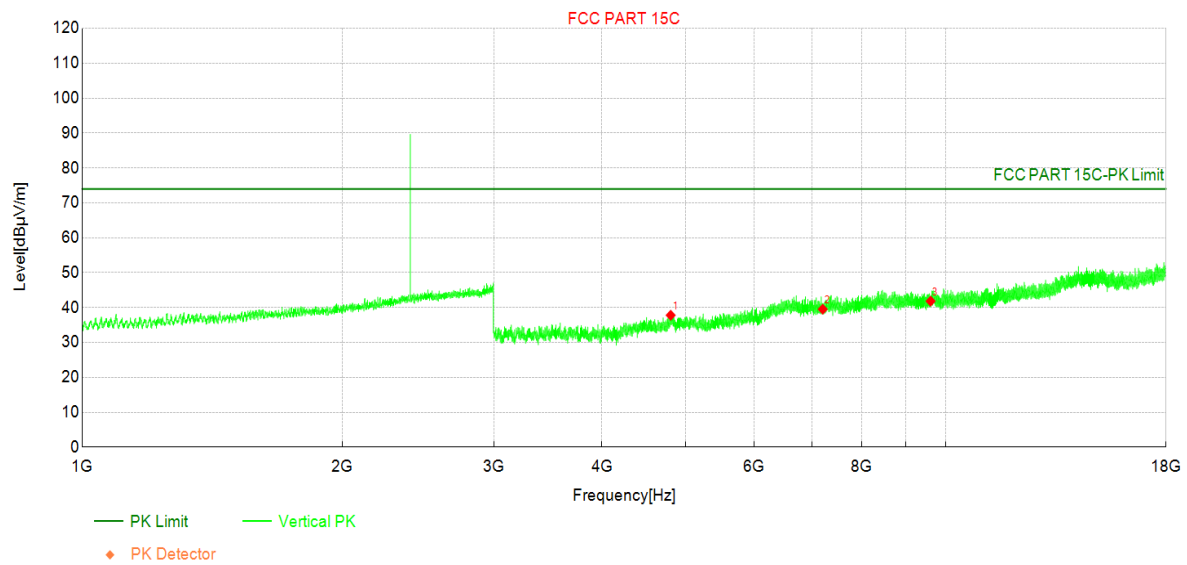


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	40.71	36.02	-4.69	74.00	37.98	PK	Horizo	PASS
	4804.00	-	11.23	-	54.00	42.77	AV	Horizo	PASS
2	7206.00	36.61	39.96	3.35	74.00	34.04	PK	Horizo	PASS
	7206.00	-	15.17	-	54.00	38.83	AV	Horizo	PASS
3	9608.00	34.36	41.18	6.82	74.00	32.82	PK	Horizo	PASS
	9608.00	-	16.39	-	54.00	37.61	AV	Horizo	PASS

Transmit at 2402MHz by 2DH5

Test Graph

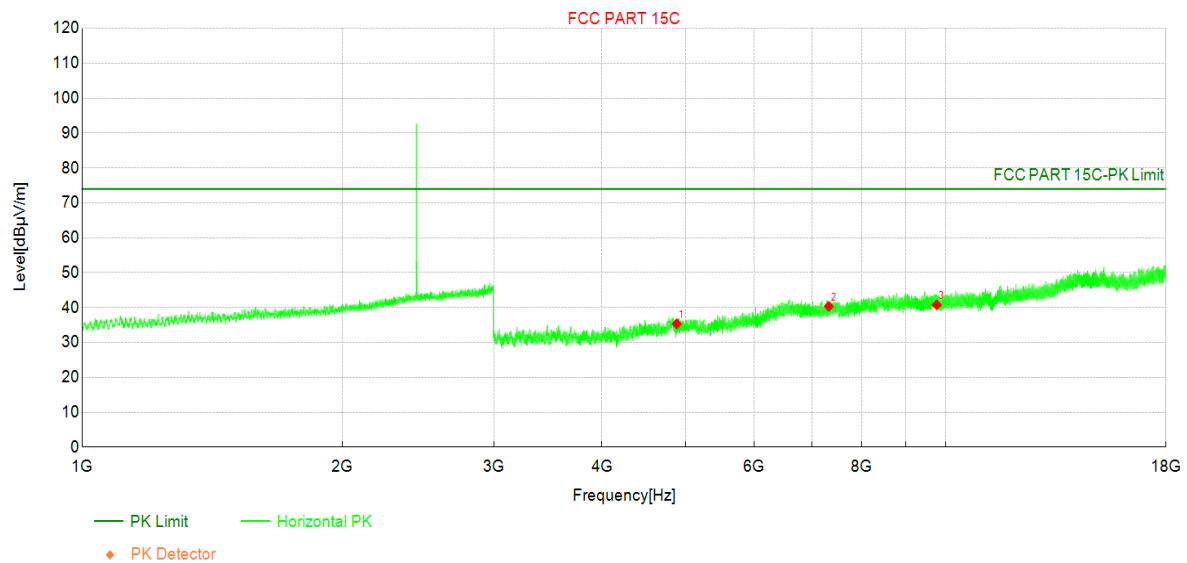


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	42.49	37.80	-4.69	74.00	36.20	PK	Vertic	PASS
	4804.00	-	13.01	-	54.00	40.99	AV	Vertic	PASS
2	7206.00	36.18	39.53	3.35	74.00	34.47	PK	Vertic	PASS
	7206.00	-	14.74	-	54.00	39.26	AV	Vertic	PASS
3	9608.00	35.01	41.83	6.82	74.00	32.17	PK	Vertic	PASS
	9608.00	-	17.04	-	54.00	36.96	AV	Vertic	PASS

Transmit at 2441MHz by 2DH5

Test Graph

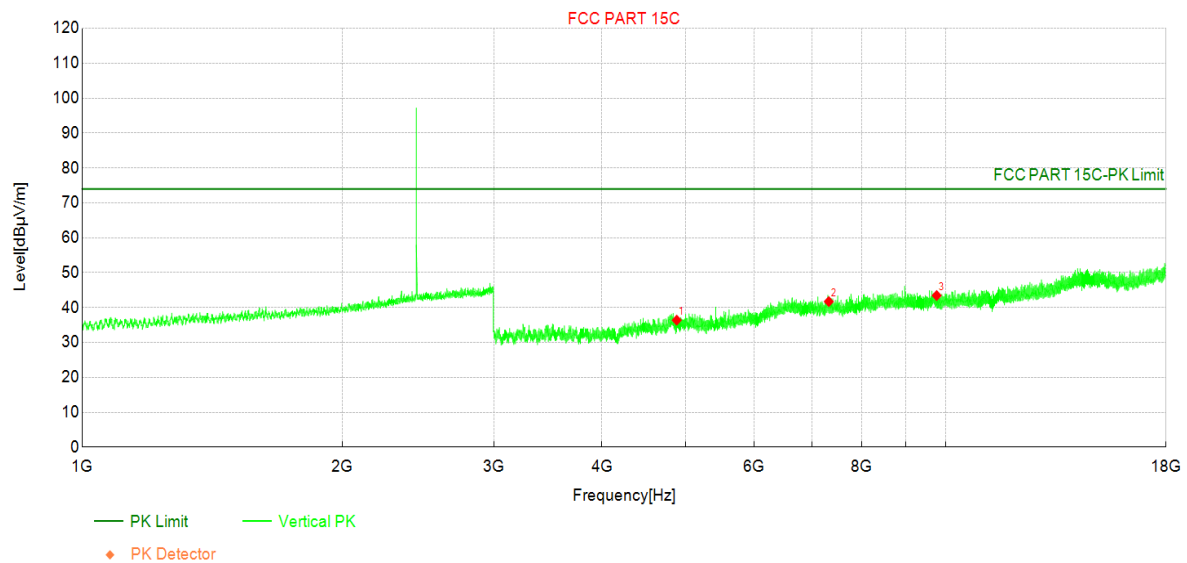


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	40.15	35.34	-4.81	74.00	38.66	PK	Horizo	PASS
	4882.00	-	10.55	-	54.00	43.45	AV	Horizo	PASS
2	7323.00	36.97	40.34	3.37	74.00	33.66	PK	Horizo	PASS
	7323.00	-	15.55	-	54.00	38.45	AV	Horizo	PASS
3	9764.00	33.50	40.78	7.28	74.00	33.22	PK	Horizo	PASS
	9764.00	-	15.99	-	54.00	38.01	AV	Horizo	PASS

Transmit at 2441MHz by 2DH5

Test Graph

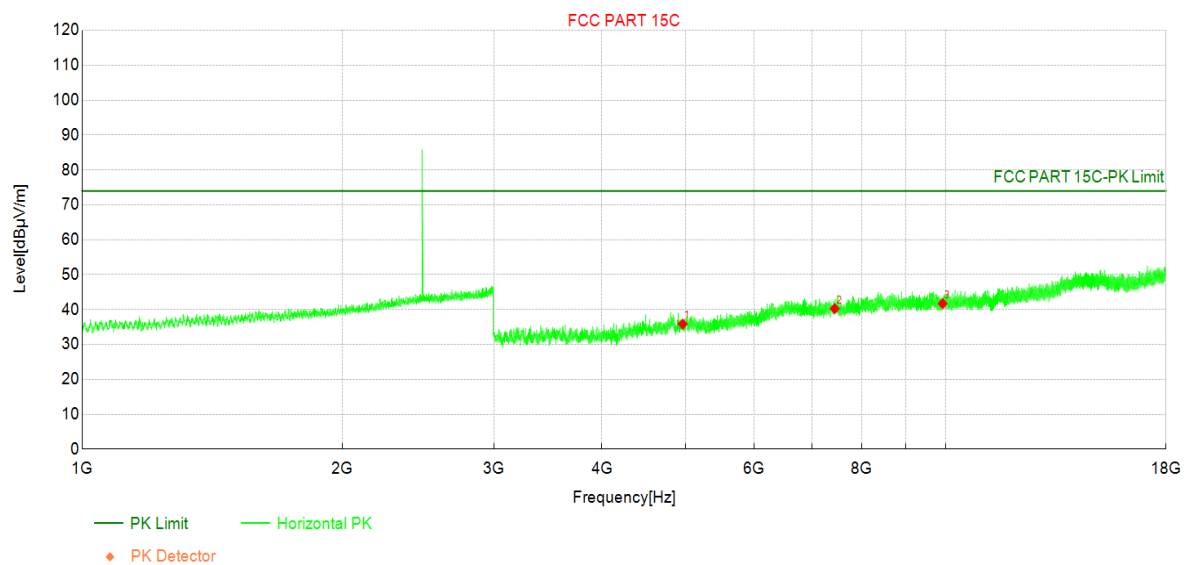


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	41.20	36.39	-4.81	74.00	37.61	PK	Vertic	PASS
	4882.00	-	11.60	-	54.00	42.40	AV	Vertic	PASS
2	7323.00	38.35	41.72	3.37	74.00	32.28	PK	Vertic	PASS
	7323.00	-	16.93	-	54.00	37.07	AV	Vertic	PASS
3	9764.00	36.17	43.45	7.28	74.00	30.55	PK	Vertic	PASS
	9764.00	-	18.66	-	54.00	35.34	AV	Vertic	PASS

Transmit at 2480MHz by 2DH5

Test Graph

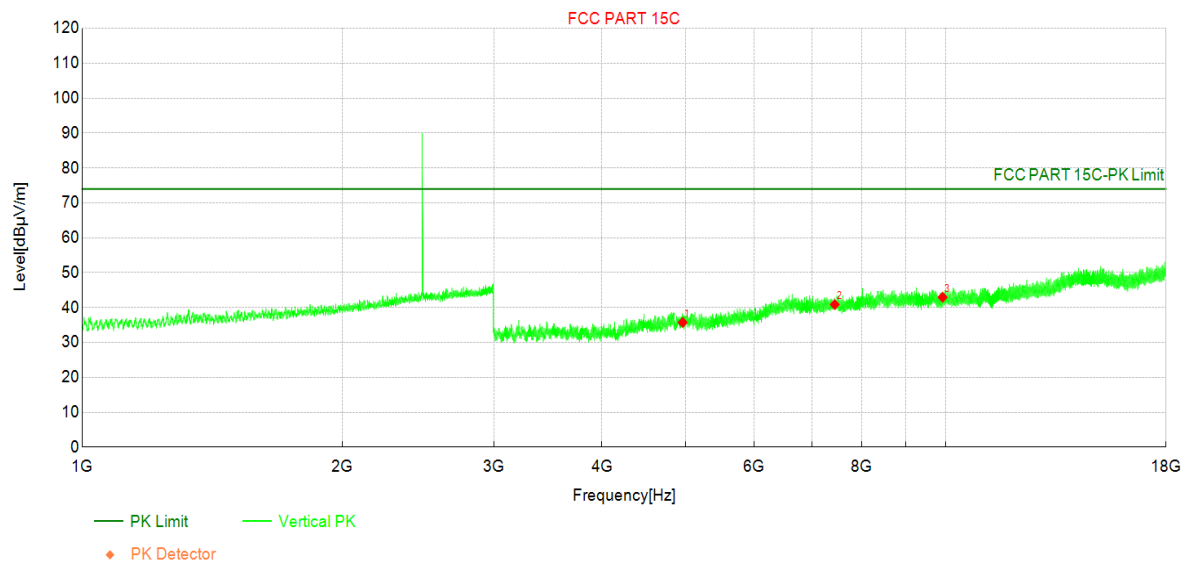


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	40.55	35.85	-4.70	74.00	38.15	PK	Horizo	PASS
	4960.00	-	11.06	-	54.00	42.94	AV	Horizo	PASS
2	7440.00	36.56	40.25	3.69	74.00	33.75	PK	Horizo	PASS
	7440.00	-	15.46	-	54.00	38.54	AV	Horizo	PASS
3	9920.00	34.74	41.71	6.97	74.00	32.29	PK	Horizo	PASS
	9920.00	-	16.92	-	54.00	37.08	AV	Horizo	PASS

Transmit at 2480MHz by 2DH5

Test Graph

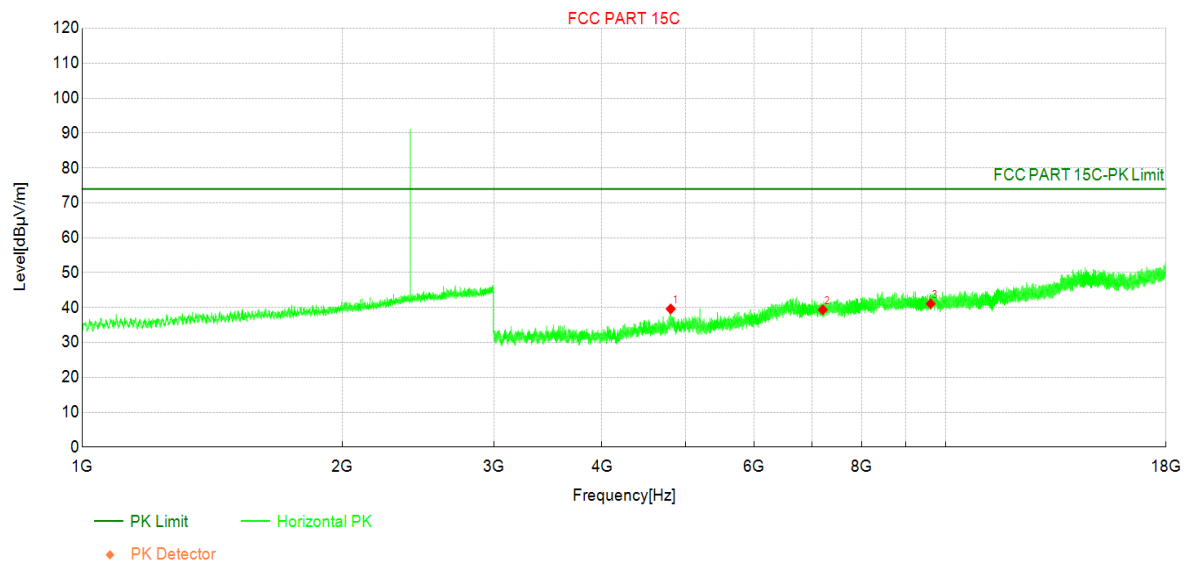


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	40.43	35.73	-4.70	74.00	38.27	PK	Vertic	PASS
	4960.00	-	10.94	-	54.00	43.06	AV	Vertic	PASS
2	7440.00	37.17	40.86	3.69	74.00	33.14	PK	Vertic	PASS
	7440.00	-	16.07	-	54.00	37.93	AV	Vertic	PASS
3	9920.00	35.99	42.96	6.97	74.00	31.04	PK	Vertic	PASS
	9920.00	-	18.17	-	54.00	35.83	AV	Vertic	PASS

Transmit at 2402MHz by 3DH5

Test Graph

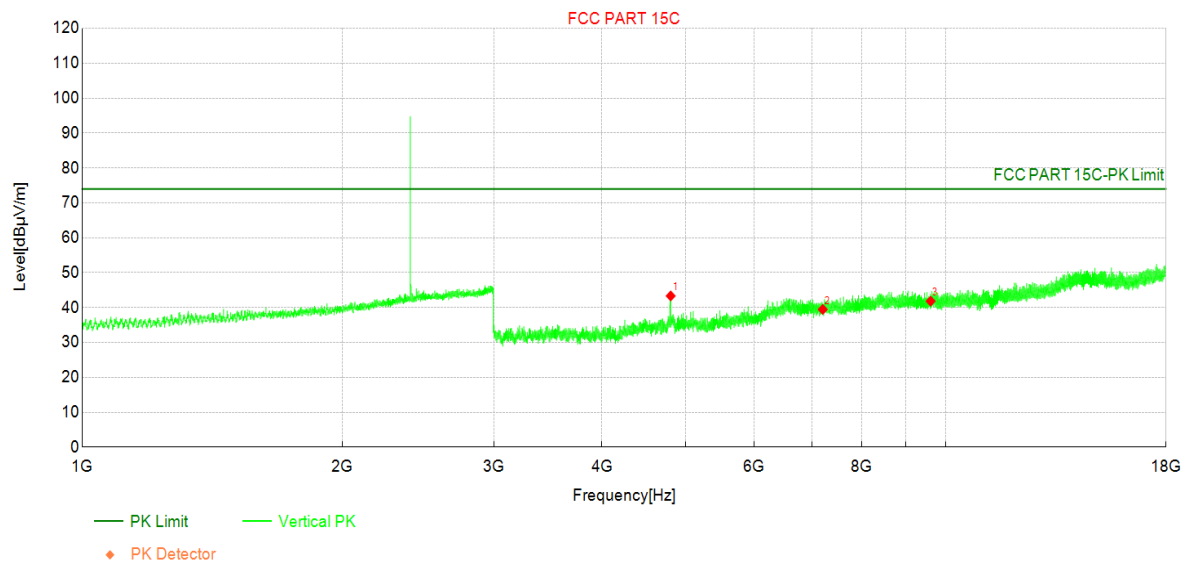


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	44.29	39.60	-4.69	74.00	34.40	PK	Horizo	PASS
	4804.00	-	14.81	-	54.00	39.19	AV	Horizo	PASS
2	7206.00	36.00	39.35	3.35	74.00	34.65	PK	Horizo	PASS
	7206.00	-	14.56	-	54.00	39.44	AV	Horizo	PASS
3	9608.00	34.26	41.08	6.82	74.00	32.92	PK	Horizo	PASS
	9608.00	-	16.29	-	54.00	37.71	AV	Horizo	PASS

Transmit at 2402MHz by 3DH5

Test Graph

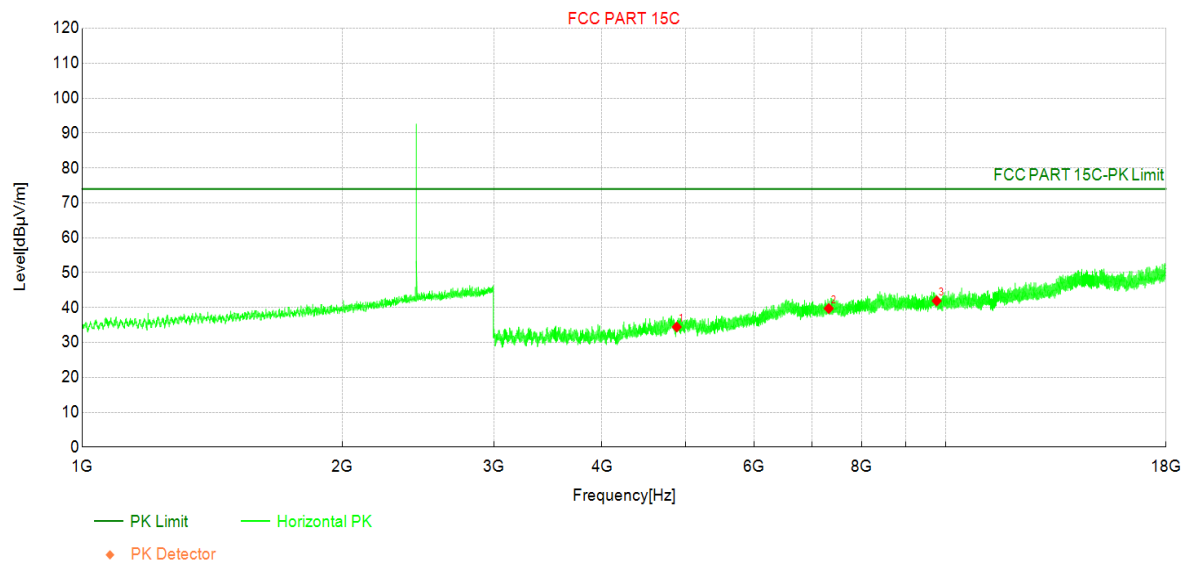


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	48.02	43.33	-4.69	74.00	30.67	PK	Vertic	PASS
	4804.00	-	18.54	-	54.00	35.46	AV	Vertic	PASS
2	7206.00	36.11	39.46	3.35	74.00	34.54	PK	Vertic	PASS
	7206.00	-	14.67	-	54.00	39.33	AV	Vertic	PASS
3	9608.00	35.02	41.84	6.82	74.00	32.16	PK	Vertic	PASS
	9608.00	-	17.05	-	54.00	36.95	AV	Vertic	PASS

Transmit at 2441MHz by 3DH5

Test Graph

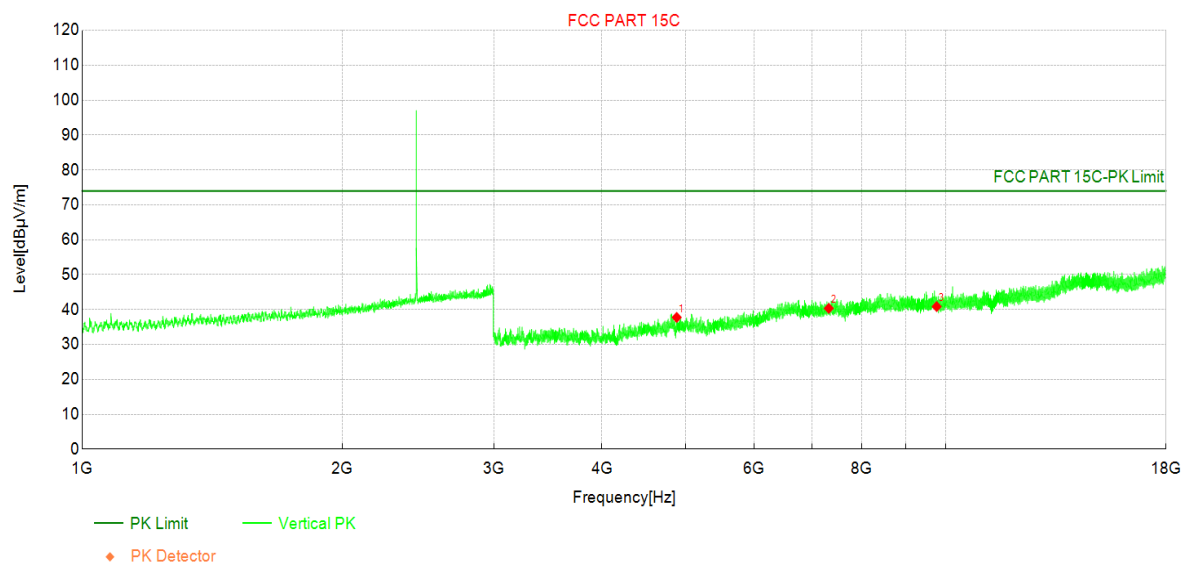


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	39.24	34.43	-4.81	74.00	39.57	PK	Horizo	PASS
	4882.00	-	9.64	-	54.00	44.36	AV	Horizo	PASS
2	7323.00	36.36	39.73	3.37	74.00	34.27	PK	Horizo	PASS
	7323.00	-	14.94	-	54.00	39.06	AV	Horizo	PASS
3	9764.00	34.63	41.91	7.28	74.00	32.09	PK	Horizo	PASS
	9764.00	-	17.12	-	54.00	36.88	AV	Horizo	PASS

Transmit at 2441MHz by 3DH5

Test Graph

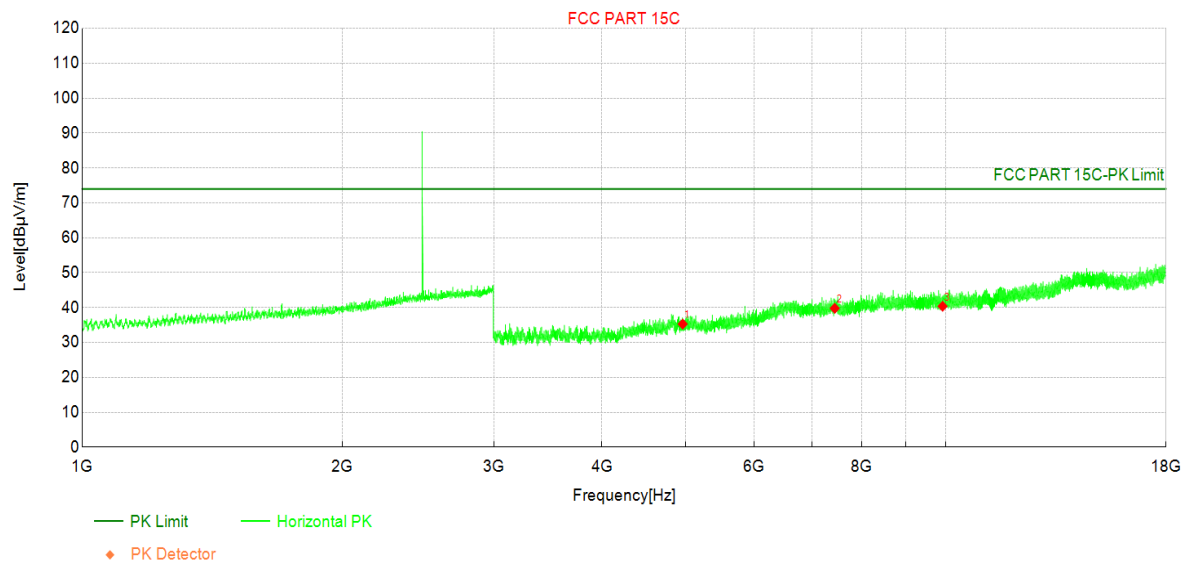


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	42.56	37.75	-4.81	74.00	36.25	PK	Vertic	PASS
	4882.00	-	12.96	-	54.00	41.04	AV	Vertic	PASS
2	7323.00	36.98	40.35	3.37	74.00	33.65	PK	Vertic	PASS
	7323.00	-	15.56	-	54.00	38.44	AV	Vertic	PASS
3	9764.00	33.57	40.85	7.28	74.00	33.15	PK	Vertic	PASS
	9764.00	-	16.06	-	54.00	37.94	AV	Vertic	PASS

Transmit at 2480MHz by 3DH5

Test Graph

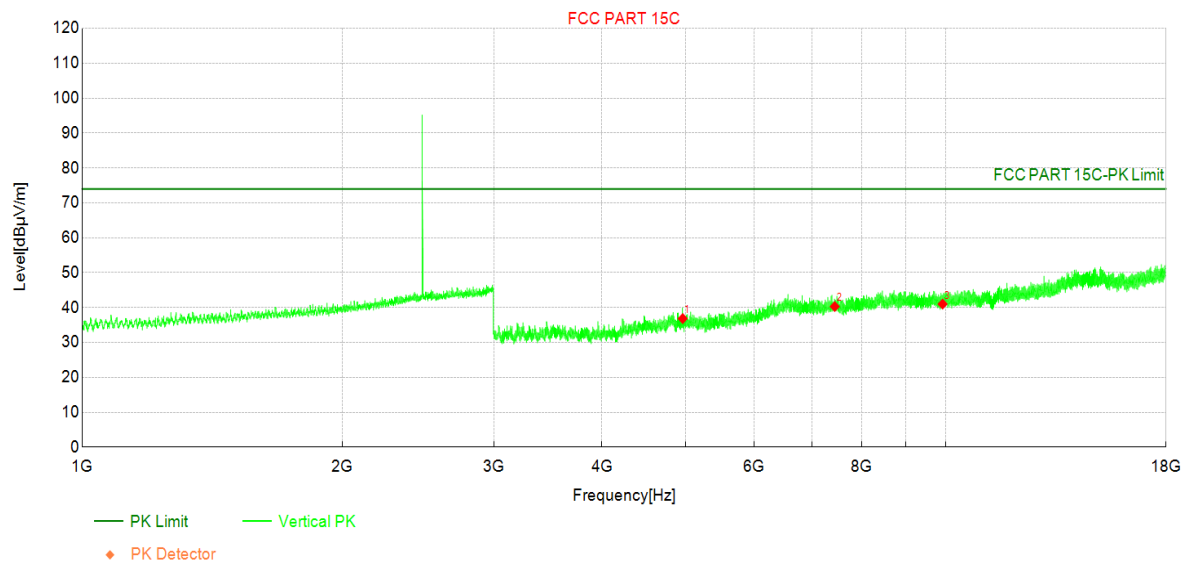


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	39.97	35.27	-4.70	74.00	38.73	PK	Horizo	PASS
	4960.00	-	10.48	-	54.00	43.52	AV	Horizo	PASS
2	7440.00	36.08	39.77	3.69	74.00	34.23	PK	Horizo	PASS
	7440.00	-	14.98	-	54.00	39.02	AV	Horizo	PASS
3	9920.00	33.41	40.38	6.97	74.00	33.62	PK	Horizo	PASS
	9920.00	-	15.59	-	54.00	38.41	AV	Horizo	PASS

Transmit at 2480MHz by 3DH5

Test Graph

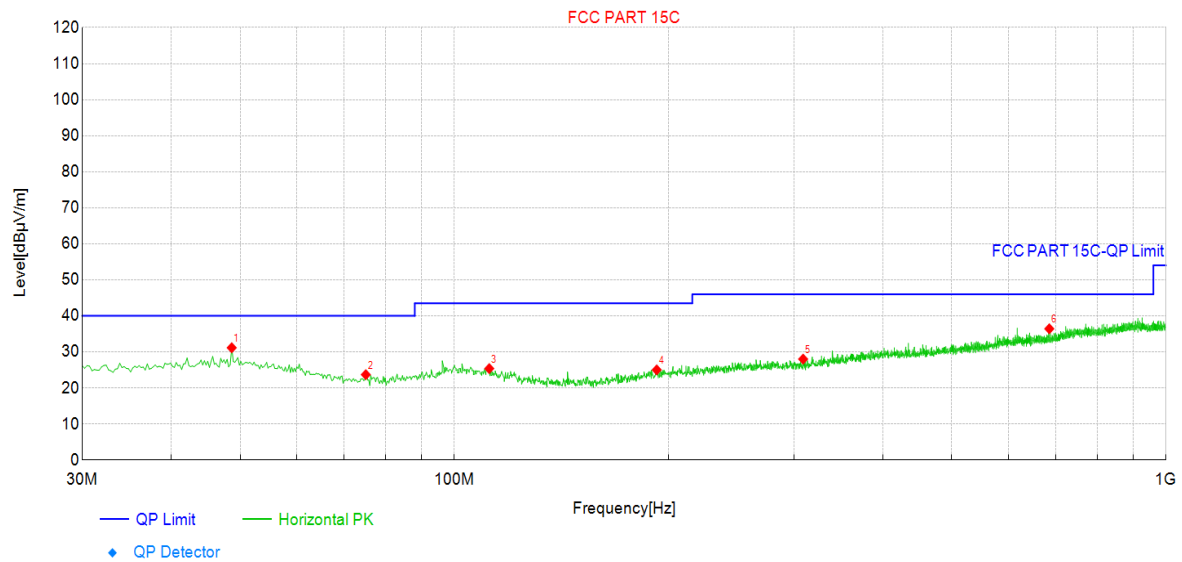


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.55	36.85	-4.70	74.00	37.15	PK	Vertic	PASS
	4960.00	-	12.06	-	54.00	41.94	AV	Vertic	PASS
2	7440.00	36.61	40.30	3.69	74.00	33.70	PK	Vertic	PASS
	7440.00	-	15.51	-	54.00	38.49	AV	Vertic	PASS
3	9920.00	34.04	41.01	6.97	74.00	32.99	PK	Vertic	PASS
	9920.00	-	16.22	-	54.00	37.78	AV	Vertic	PASS

**The worst data of Emissions in restricted frequency bands below 1GHz:
Transmit at 2402MHz by DH5**

Test Graph

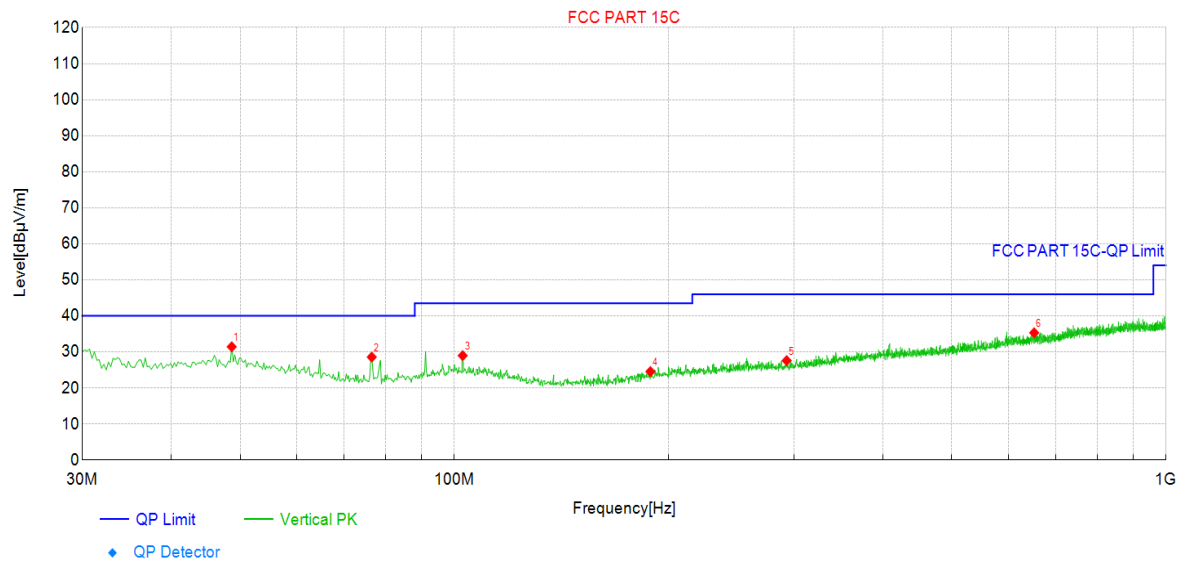


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	48.67	16.4	31.16	14.730	40.00	8.84	QP	Horizo	PASS
2	75.11	13.7	23.70	10.040	40.00	16.30	QP	Horizo	PASS
3	111.97	13.4	25.38	11.980	43.50	18.12	QP	Horizo	PASS
4	192.48	13.6	25.02	11.400	43.50	18.48	QP	Horizo	PASS
5	309.12	13.7	28.01	14.280	46.00	17.99	QP	Horizo	PASS
6	685.48	16.1	36.42	20.280	46.00	9.58	QP	Horizo	PASS

Transmit at 2402MHz by DH5

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	48.67	16.7	31.43	14.730	40.00	8.57	QP	Vertic	PASS
2	76.56	18.6	28.57	9.960	40.00	11.43	QP	Vertic	PASS
3	102.75	16.5	28.98	12.530	43.50	14.52	QP	Vertic	PASS
4	188.60	13.4	24.56	11.130	43.50	18.94	QP	Vertic	PASS
5	293.11	13.7	27.60	13.950	46.00	18.40	QP	Vertic	PASS
6	652.74	15.2	35.32	20.170	46.00	10.68	QP	Vertic	PASS

Note:

1. Level = Reading + Factor.
2. Margin = Limit – Level
3. Only choose worst mode data shown in this report.

Appendix B: Test data of 20dB Bandwidth

TestMode	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	2402	0.936	2401.547	2402.483	Within band	pass
DH5	2441	0.954	2440.538	2441.492	Within band	pass
DH5	2480	0.951	2479.538	2480.489	Within band	pass
2DH5	2402	1.233	2401.346	2402.579	Within band	pass
2DH5	2441	1.248	2440.346	2441.594	Within band	pass
2DH5	2480	1.194	2479.346	2480.540	Within band	pass
3DH5	2402	1.248	2401.343	2402.591	Within band	pass
3DH5	2441	1.173	2440.346	2441.519	Within band	pass
3DH5	2480	1.227	2479.343	2480.570	Within band	pass



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402

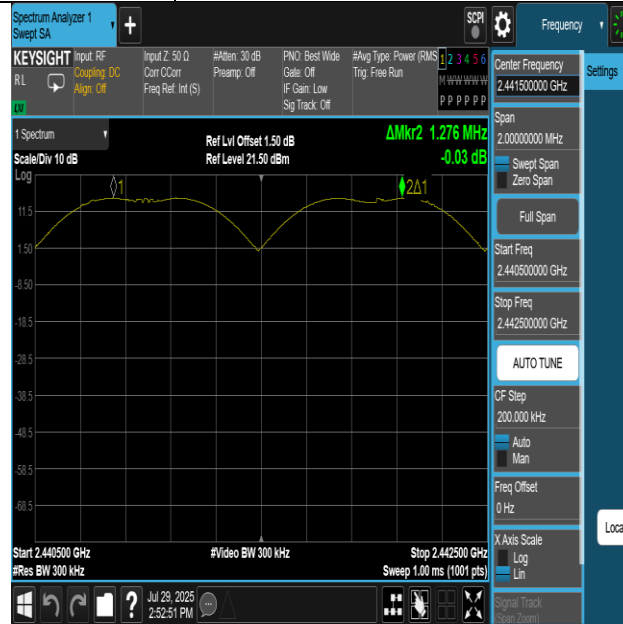


3DH5-Ant1-2441



Appendix C: Test data of Carrier Frequency Separation

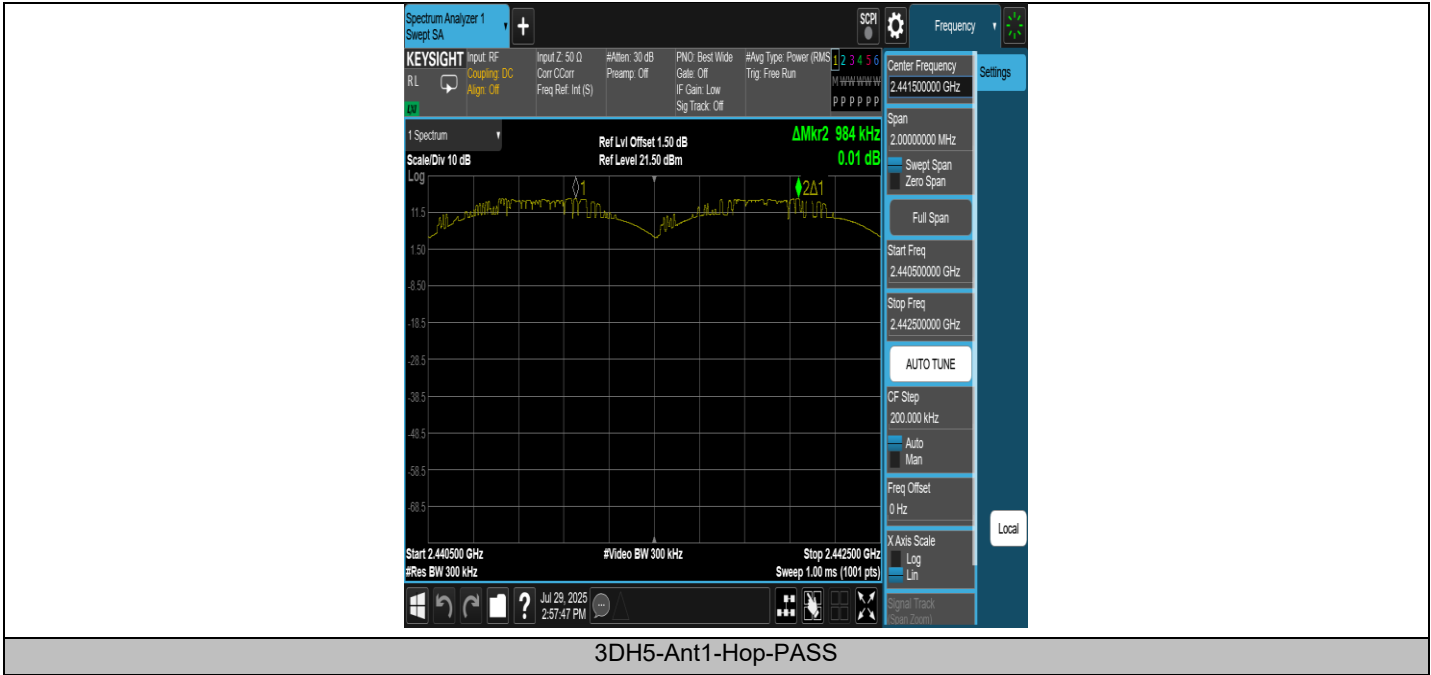
TestMode	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Hop	1.276	≥ 0.954	PASS
2DH5	Hop	0.99	≥ 0.832	PASS
3DH5	Hop	0.984	≥ 0.832	PASS



DH5-Ant1-Hop-PASS

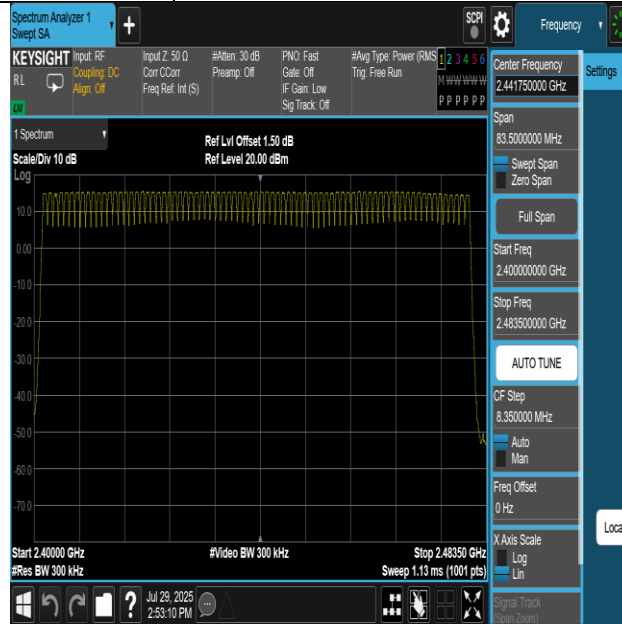


2DH5-Ant1-Hop-PASS

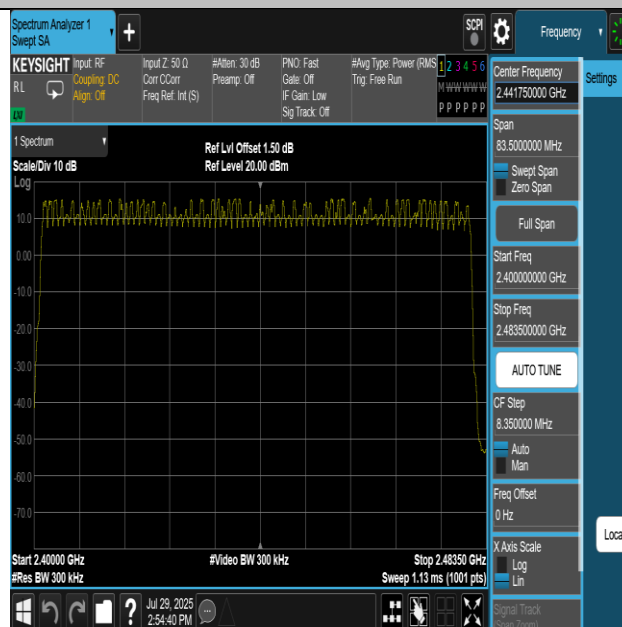


Appendix D: Test data of Number of Hopping Frequencies

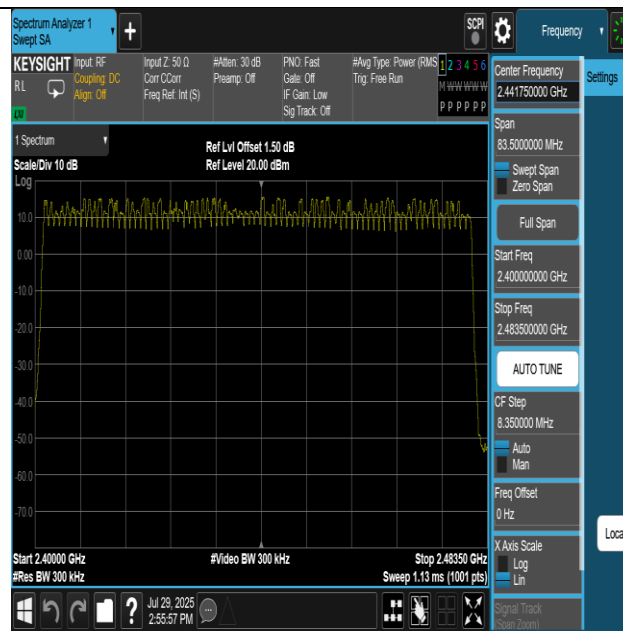
TestMode	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Hop	79	≥15	PASS
2DH5	Hop	79	≥15	PASS
3DH5	Hop	79	≥15	PASS



DH5-Ant1-Hop-PASS



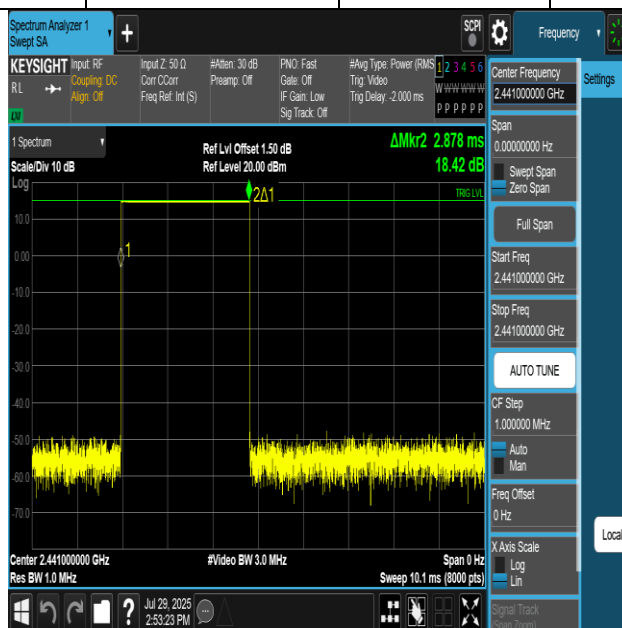
2DH5-Ant1-Hop-PASS



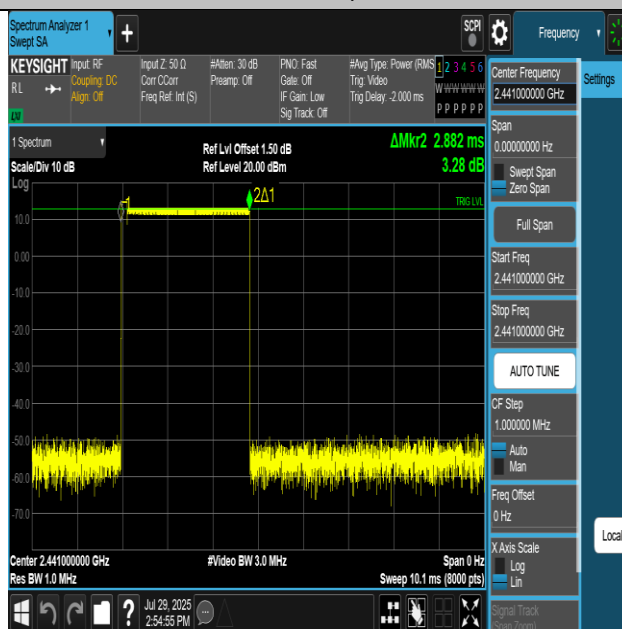
3DH5-Ant1-Hop-PASS

Appendix E: Test data of Time of Occupancy (Dwell Time)

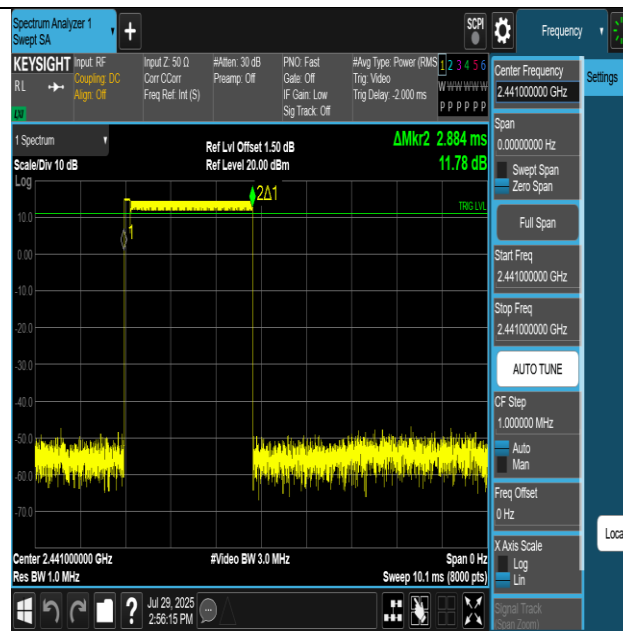
TestMode	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Hop	2.878	106.67	0.307	≤0.4	PASS
2DH5	Hop	2.882	106.67	0.307	≤0.4	PASS
3DH5	Hop	2.884	106.67	0.308	≤0.4	PASS



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



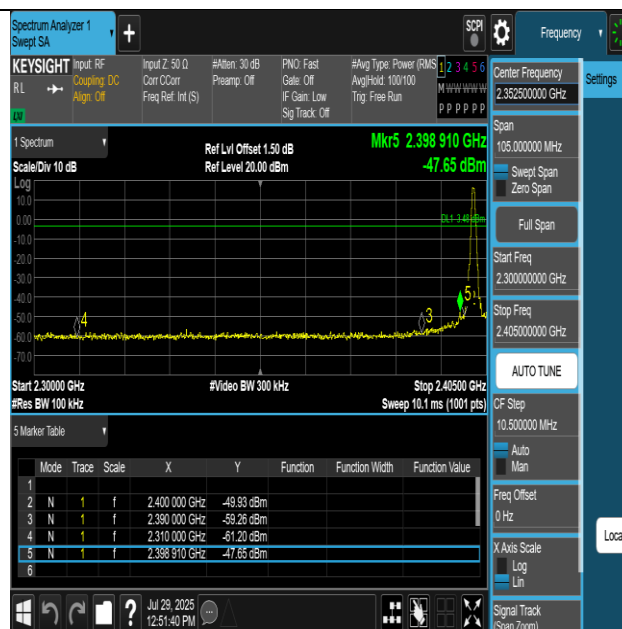
3DH5-Ant1-Hop-PASS

Appendix F: Test data of Peak OutputPower

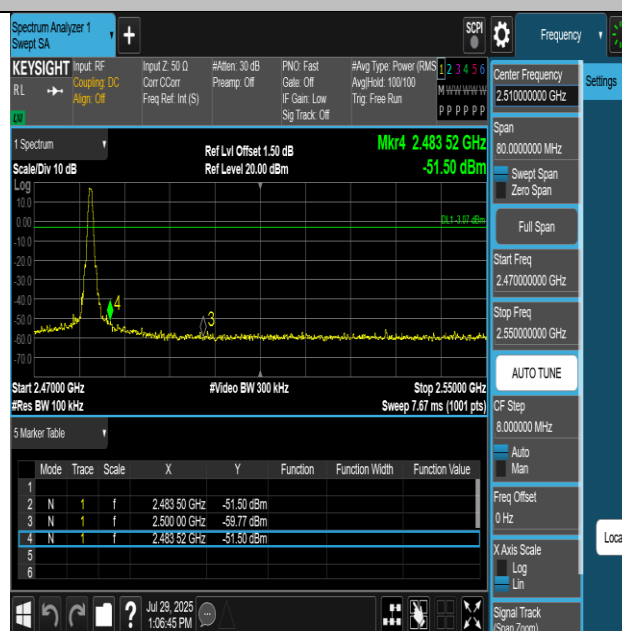
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant0	2402	16.67	≤30	PASS
DH5	Ant0	2441	16.30	≤30	PASS
DH5	Ant0	2480	16.59	≤30	PASS
2DH5	Ant0	2402	13.03	≤30	PASS
2DH5	Ant0	2441	12.58	≤30	PASS
2DH5	Ant0	2480	12.89	≤30	PASS
3DH5	Ant0	2402	12.97	≤30	PASS
3DH5	Ant0	2441	12.41	≤30	PASS
3DH5	Ant0	2480	12.86	≤30	PASS
DH5	Ant2	2402	15.29	≤30	PASS
DH5	Ant2	2441	15.83	≤30	PASS
DH5	Ant2	2480	15.67	≤30	PASS
2DH5	Ant2	2402	12.51	≤30	PASS
2DH5	Ant2	2441	12.64	≤30	PASS
2DH5	Ant2	2480	12.47	≤30	PASS
3DH5	Ant2	2402	12.62	≤30	PASS
3DH5	Ant2	2441	12.63	≤30	PASS
3DH5	Ant2	2480	12.55	≤30	PASS

Appendix G: Test data of Emissions in non-restricted frequency bands

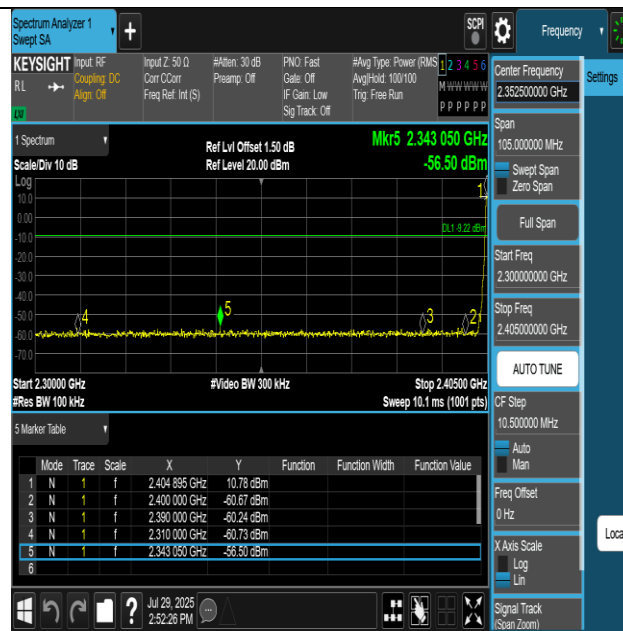
Band edge



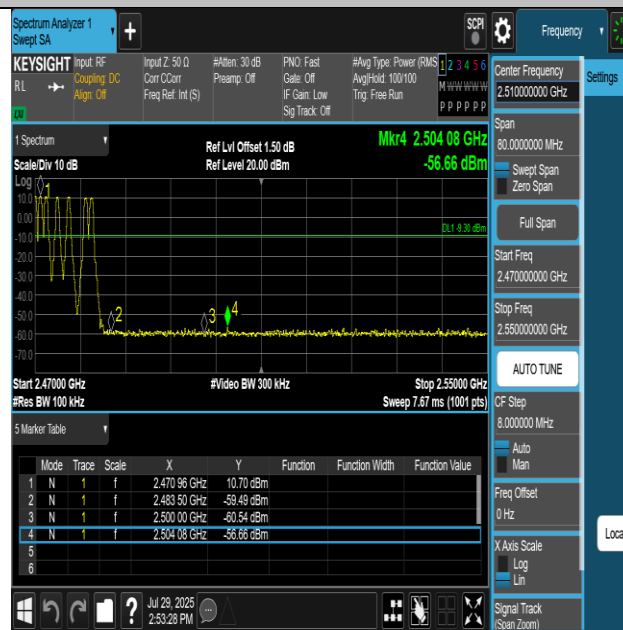
DH5-Ant1-2402-PASS



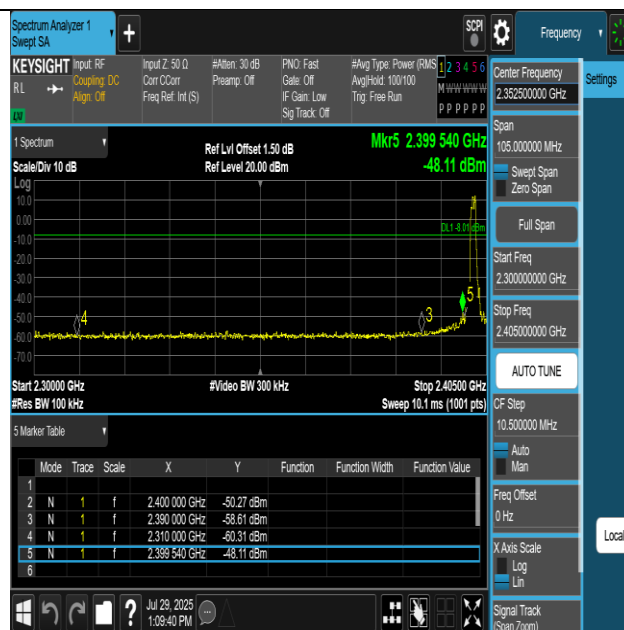
DH5-Ant1-2480-PASS



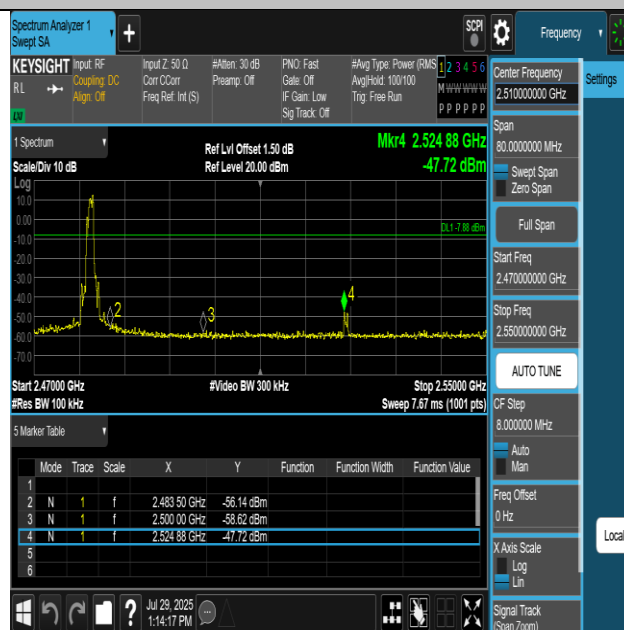
DH5-Ant1-Hop_2402-PASS



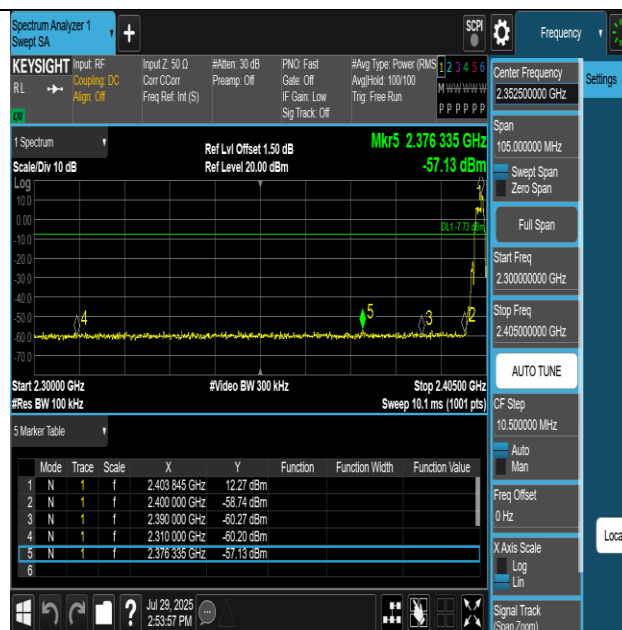
DH5-Ant1-Hop_2480-PASS



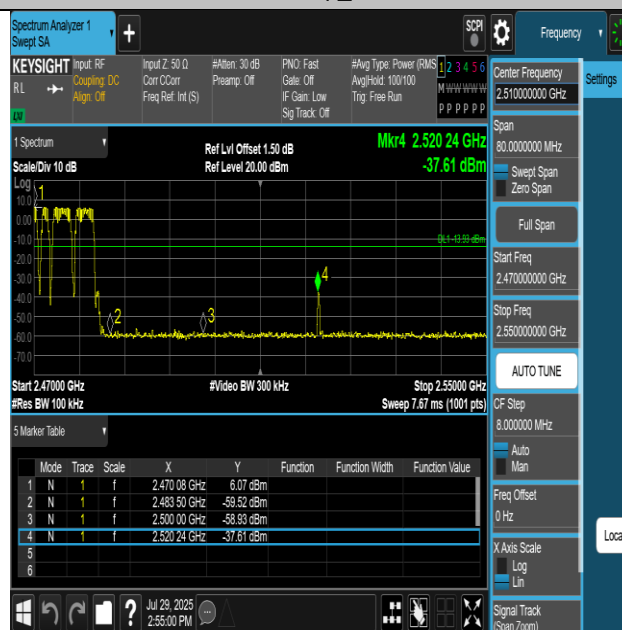
2DH5-Ant1-2402-PASS



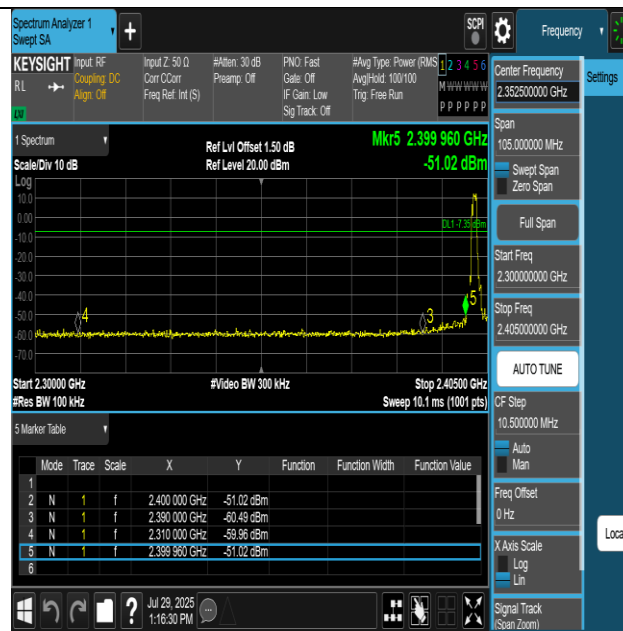
2DH5-Ant1-2480-PASS



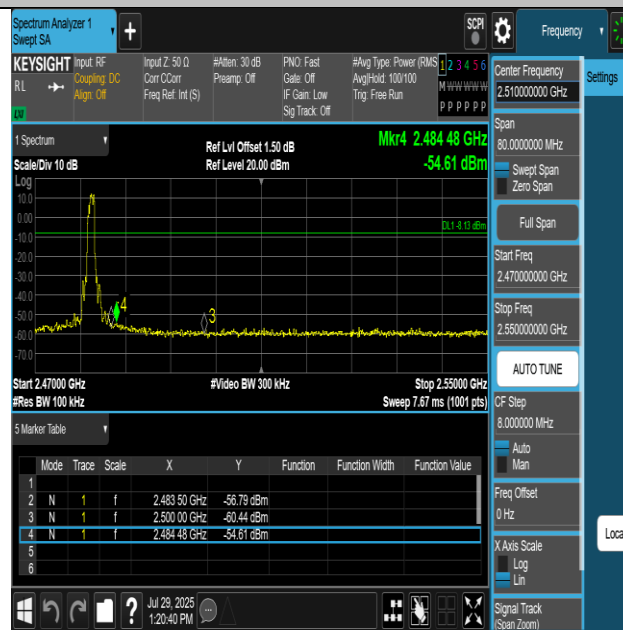
2DH5-Ant1-Hop_2402-PASS



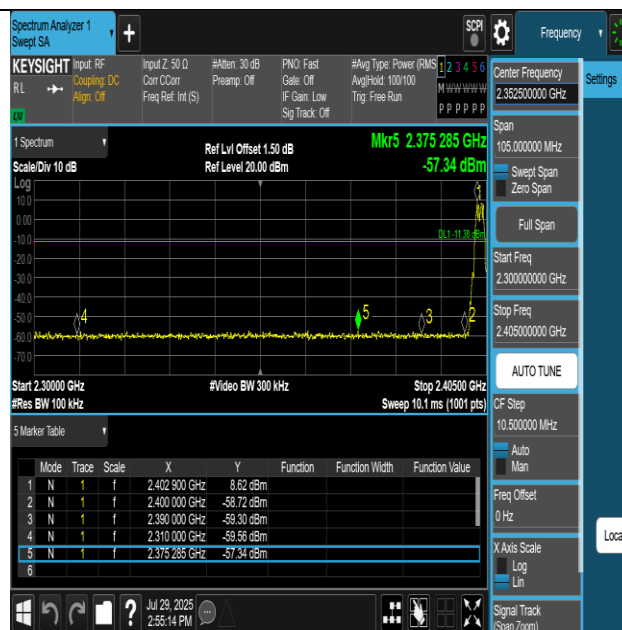
2DH5-Ant1-Hop_2480-PASS



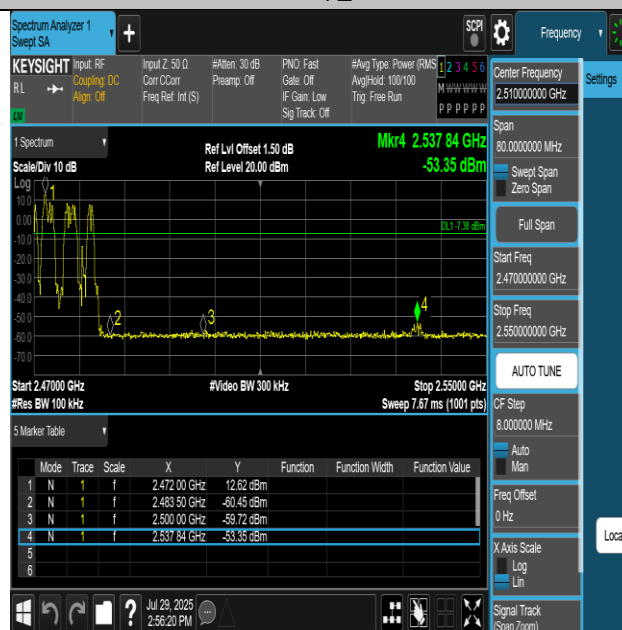
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS

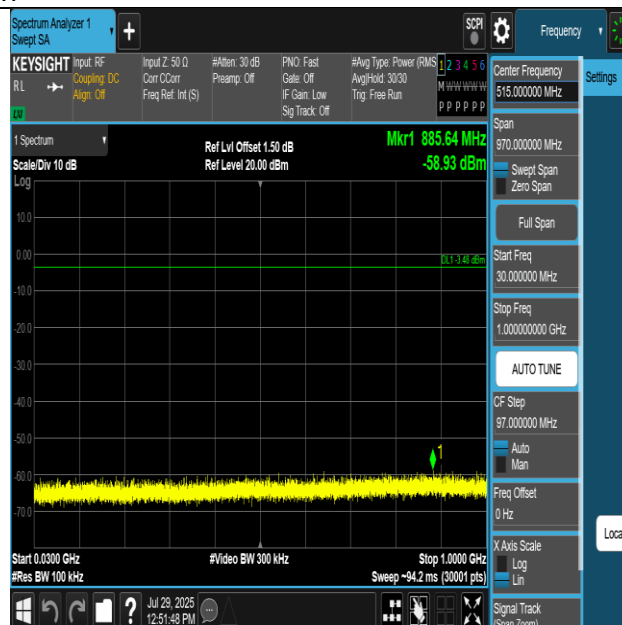


3DH5-Ant1-Hop_2402-PASS

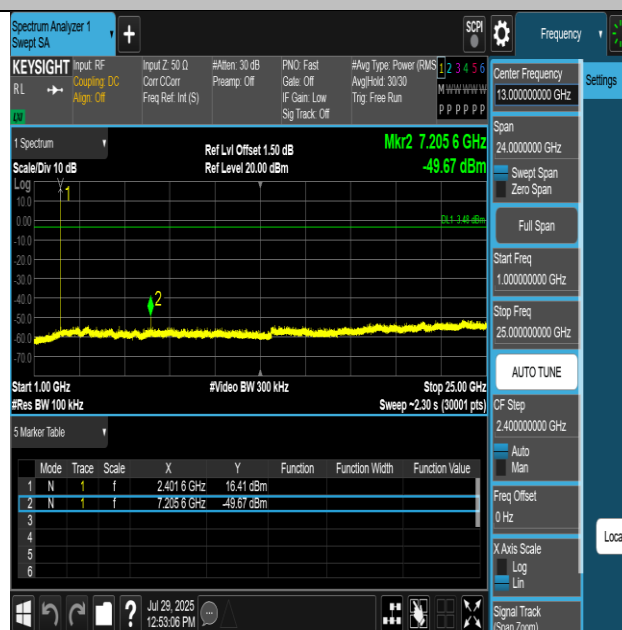


3DH5-Ant1-Hop_2480-PASS

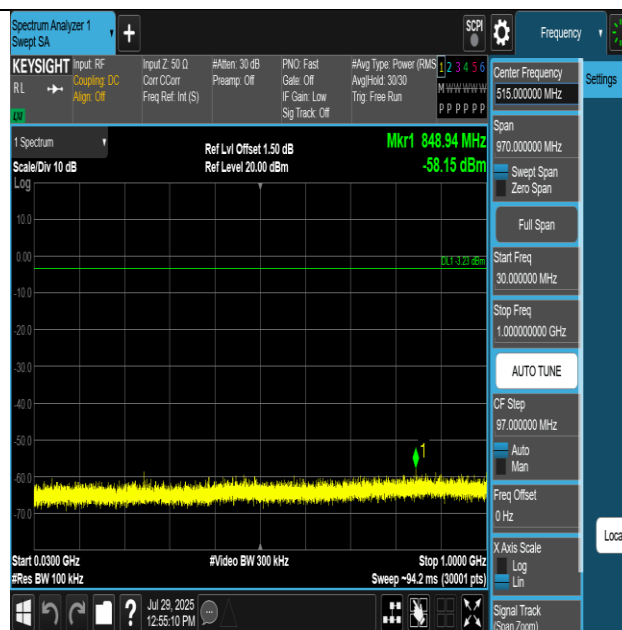
Conducted Spurious Emission



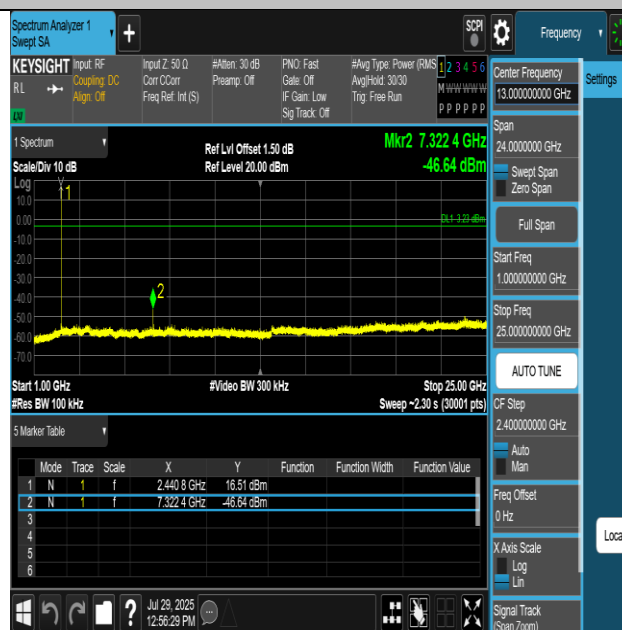
DH5-Ant1-2402-30~1000-PASS



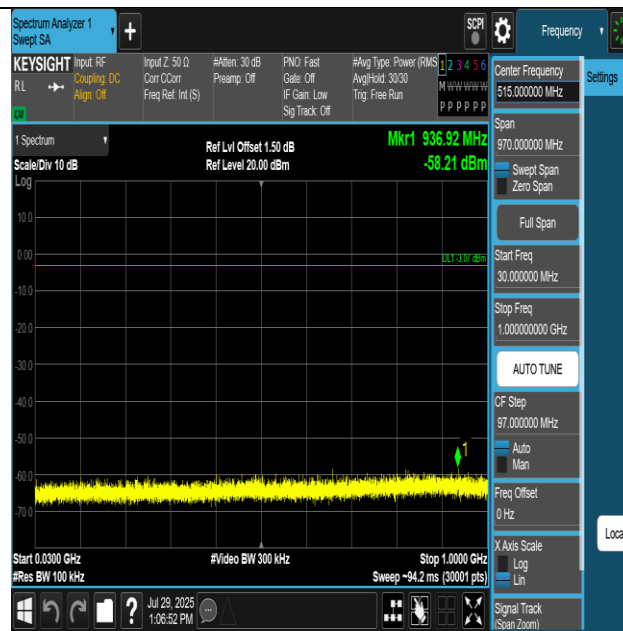
DH5-Ant1-2402-1000~25000-PASS



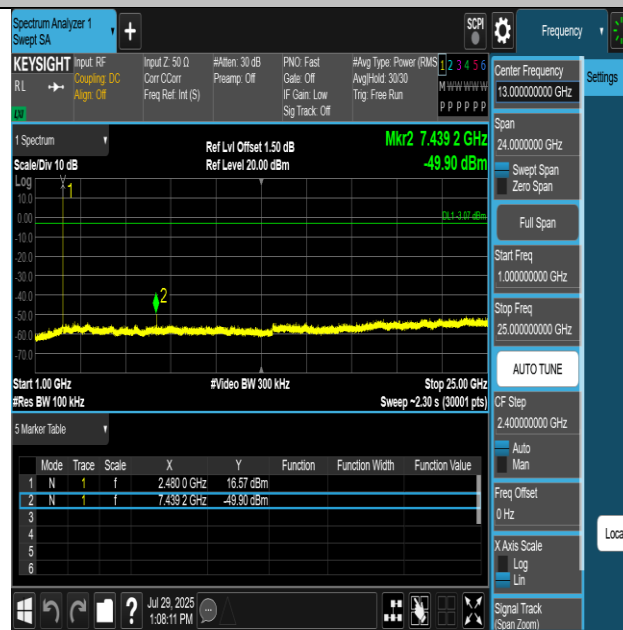
DH5-Ant1-2441-30~1000-PASS



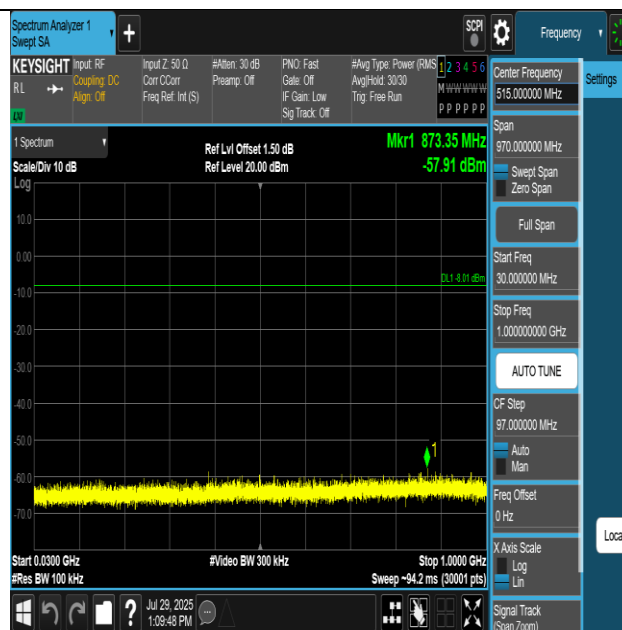
DH5-Ant1-2441-1000~25000-PASS



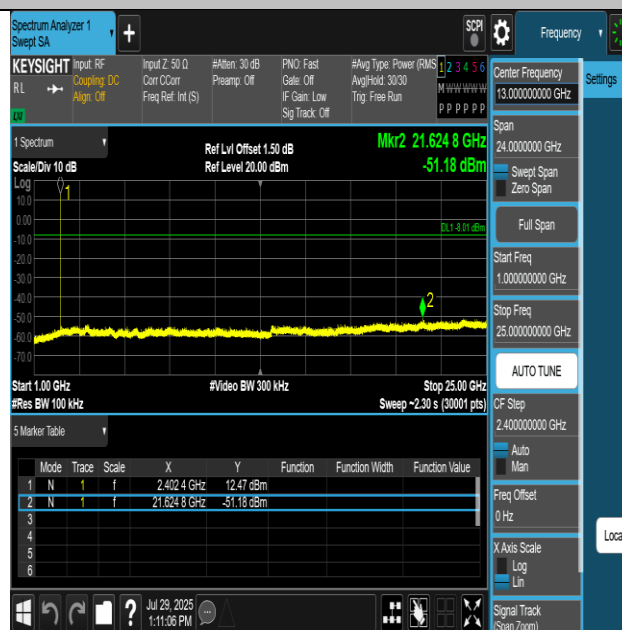
DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~25000-PASS



2DH5-Ant1-2402-30~1000-PASS



2DH5-Ant1-2402-1000~25000-PASS