



FCC TEST REPORT

FCC ID: 2BDIP-DC15

Product	:	Digital Calendar
Model Name	:	DC15
Brand	:	Omiido/Dopesplay
Report No.	:	PTC26012121101E-FC04
Prepared for		
Shenzhen yuko technology Co.,Ltd.		
Room 2001, Building 9, Qianhai Kexing Science Park, Laodong Community, Xixiang Street, Bao'an District, Shenzhen City 518100		
Prepared by		
Precise Testing & Certification Co., Ltd		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China		



1 TEST RESULT CERTIFICATION

Applicant's name : Shenzhen yuko technology Co.,Ltd.
Address : Room 2001, Building 9, Qianhai Kexing Science Park, Laodong
Community, Xixiang Street, Bao'an District, Shenzhen City 518100
Manufacture's name : Shenzhen yuko technology Co.,Ltd.
Address : Room 2001, Building 9, Qianhai Kexing Science Park, Laodong
Community, Xixiang Street, Bao'an District, Shenzhen City 518100
Product name : Digital Calendar
Model name : DC15
Standards : FCC CFR47 Part 15 Section 15.407
Test procedure : ANSI C63.10-2020
Test Date : Mar. 03 2026 to Mar. 18 2026
Date of Issue : Mar. 18 2026
Test Result : Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of PTC, this document may be altered or revised by PTC, personal only, and shall be noted in the revision of the document.

Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



Contents

	Page
1 TEST RESULT CERTIFICATION	2
2 TEST SUMMARY	5
3 GENERAL INFORMATION	6
3.1 GENERAL DESCRIPTION OF E.U.T.	6
3.2 CHANNEL LIST	7
3.3 TEST SITE	8
4 EQUIPMENT DURING TEST	9
4.1 EQUIPMENTS LIST	9
4.2 MEASUREMENT UNCERTAINTY	11
4.3 DESCRIPTION OF SUPPORT UNITS	12
5 CONDUCTED EMISSION	13
5.1 E.U.T. OPERATION	13
5.2 EUT SETUP	13
5.3 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	14
5.4 MEASUREMENT PROCEDURE	14
5.5 CONDUCTED EMISSION LIMIT	14
5.6 MEASUREMENT DESCRIPTION	14
5.7 CONDUCTED EMISSION TEST RESULT	14
6 RADIATED SPURIOUS EMISSIONS	17
6.1 EUT OPERATION	18
6.2 TEST SETUP	19
6.3 SPECTRUM ANALYZER SETUP	20
6.4 TEST PROCEDURE	21
6.5 SUMMARY OF TEST RESULTS	22
6.6 BAND EDGE MEASUREMENTS	125
6.7 RESTRICTED BAND	170
7 EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH	172
7.1 TEST PROCEDURE	172



7.2 TEST SETUP	173
7.3 TEST RESULT	173
8 MAXIMUM CONDUCTED OUTPUT POWER	274
8.1 TEST SETUP	274
8.2 TEST PROCEDURE	274
8.3 TEST RESULT	275
9 POWER SPECTRAL DENSITY	279
9.1 TEST PROCEDURE	280
9.2 TEST SETUP	280
9.3 TEST RESULT	281
9.4 ANTENNA REQUIREMENT	326
9.5 RESULT	326
10 FREQUENCY STABILITY	327
10.1 TEST PROCEDURE	327
10.2 TEST SETUP	327
10.3 TEST RESULT	328
11 TEST SETUP	330
12 EUT PHOTOS	332



2 Test Summary

Test Items	Test Requirement	Result
Conduct Emission	15.207	PASS
Radiated Spurious Emissions	15.205(a) 15.209 15.407(b)	PASS
Emission and Occupied Bandwidth	15.407(a)(e)	PASS
Maximum Conducted Output Power	15.407(a)	PASS
Power Spectral Density	15.407(a)	PASS
Frequency stability	15.407 (g)	PASS
Antenna Requirement	15.203	PASS



3 General Information

3.1 General Description of E.U.T.

Product Name	: Digital Calendar
Model Name	: DC15
Specification	: 802.11a/n HT20/HT40/ac20/ac40/ac80/ax20/ax40/ax80
Operation Frequency	WIFI 5G: 5180MHZ-5240MHZ 5260MHZ-5320MHZ 5500MHZ-5700MHZ 5745MHZ-5825MHZ
Number of Channel	24 channels for 802.11a/n20/ac20/ax20 11 channels for 802.11n40/ac40/ax40 5 channels for 802.11ac80/ax80
Type of Modulation	: OFDM, OFDMA
Antenna installation	: FPC antenna
Antenna Gain	: 2.36 dBi for 5180MHZ-5240MHZ 1.37 dBi for 5260MHZ-5320MHZ 2.1 dBi for 5500MHZ-5700MHZ 2.78 dBi for 5745MHZ-5825MHZ
Power supply	: DC 12V, 1.5A from Adapter
Hardware Version	: 1.0.51
Software Version	: YHK.C-calendar-A523M-1506-D4076-2616-A1.0.20260105
Test sample No.	: PTC26012121101E-1/2, PTC26012121101E-2/2



3.2 Channel List

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (802.11a: 6 Mbps; 802.11n (HT20): MCS0; 802.11ac: MCS0; 802.11ax: MCS0) were used for all test.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

Frequency and Channel list for 802.11a/n/ac (HT20)/ax20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
40	5200	48	5240
52	5260	56	5280
60	5300	64	5320
100	5500	104	5520
108	5540	112	5560
116	5580	120	5600
124	5620	128	5640
132	5660	136	5680
140	5700	149	5745
153	5765	157	5785
161	5805	165	5825

Frequency and Channel list for 802.11n/ac (HT40)/ax40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230
54	5270	62	5310
102	5510	110	5550
118	5590	126	5630
134	5670	151	5755
159	5795		



Frequency and Channel list for 802.11ac (VHT80)/ax80:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290
106	5530	122	5610
155	5775		

The maximum duty cycle :

See page 277 for details.

3.3 Test Site

Precise Testing & Certification Co., Ltd

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

FCC Registration Number: 790290

A2LA Certificate No.: 4408.01

IC Registration Number: 12191A

FCC Designation Number: CN1219



4 Equipment During Test

4.1 Equipments List

RF Conducted Test

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Last Calibration	Calibration Interval
MXG Signal Analyzer	Agilent	N9020A	SER MY5111038	10Hz-26.5GHz	Aug.15, 2025	1 Year
Coaxial Cable	CDS	79254	46107086	10Hz-30GHz	Aug.15, 2025	1 Year
Power Meter	Anritsu	ML2495A	0949003	300MHz-40GHz	Aug.15, 2025	1 Year
Power Sensor	Anritsu	MA2411B	0917017	300MHz-40GHz	Aug.15, 2025	1 Year
Test S/W	Tonscend	JS1120-3	/	/	/	/

Radiated Emissions

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Last Calibration	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESPI7	101671	9KHz-7GHz	Aug.15, 2025	1 Year
Loop Antenna	Schwarzbeck	FMZB 1519	192	9 KHz -30MHz	Aug.15, 2025	1 Year
Bilog Antenna	SCHWARZBECK	VULB9160	9160-3355	25MHz-2GHz	Aug.15, 2025	1 Year
Preamplifier (low frequency)	SCHWARZBECK	BBV 9475	9745-0013	1MHz-1GHz	Aug.15, 2025	1 Year
Cable	IMRO	AK-9515E(9m)	Cable-L	9KHz-3GHz	Aug.15, 2025	1 Year
Spectrum Analyzer	Rohde&Schwarz	FSV40	6625-01-588-5515	9KHz-40GHz	Aug.15, 2025	1 Year
Horn Antenna	SCHWARZBECK	9120D	9120D-1246	1GHz-18GHz	Aug.15, 2025	1 Year
Power Amplifier	ZHINAN	ZN3380C	15002	1GHz-26.5GHz	Aug.15, 2025	1 Year



Report No.: PTC26012121101E-FC04

Horn Antenna	SCHWARZBEC K	BBHA 9170	9170-1066	15GHz- 40GHz	Jul. 19, 2025	1 Year
Amplifier	SCHWARZBEC K	BBV 9721	9721-205	18GHz- 40GHz	Jul. 19, 2025	1 Year
Cable	H+S	CBL-26	N/A	1GHz- 26.5GHz	Aug.15, 2025	1 Year
RF Cable	R&S	R204	R21X	1GHz-40GHz	Aug.15, 2025	1 Year
Test S/W	Tonscend	TS+	/	/	/	/

Conducted Emissions

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Calibration Date	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	101417	9KHz-3GHz	Aug.15, 2025	1 Year
Artificial Mains Network	Rohde&Schwarz	ENV216	102453	9KHz- 300MHz	Aug.15, 2025	1 Year
Artificial Mains Network	Rohde&Schwarz	ENV216	101342	9KHz- 300MHz	Aug.15, 2025	1 Year
Limiter	R&S	ESH3-Z2	0357.8810.54- 102808-NB	0Hz-30MHz	Aug.15, 2025	1 Year
RF Switch	DIAMOND ANTENNA	CX-210	/	9kHz-6GHz	Mar. 22,2025	1 Year
Test S/W	Tonscend	JS32-CE	/	/	/	/



4.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	$\pm 1.0\text{dB}$
Power Spectral Density, conducted	$\pm 2.2\text{dB}$
Radio Frequency	$\pm 1 \times 10^{-6}$
Bandwidth	$\pm 1.5 \times 10^{-6}$
Time	$\pm 2\%$
Duty Cycle	$\pm 2\%$
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 3\%$
Conducted Emissions (150kHz~30MHz)	$\pm 3.64\text{dB}$
Radiated Emission(9kHz~30MHz)	$\pm 3.15\text{dB}$
Radiated Emission(30MHz~1GHz)	$\pm 5.03\text{dB}$
Radiated Emission(1GHz~18GHz)	$\pm 4.74\text{dB}$
Radiated Emission(18GHz~40GHz)	$\pm 3.20\text{dB}$



Report No.: PTC26012121101E-FC04

4.3 Description of Support Units

Equipment	Model No.	Manufacture	FCC ID
/	/	/	/

5 Conducted Emission

Test Requirement:	: FCC CFR 47 Part 15 Section 15.207
Test Method	: ANSI C63.10-2020
Test Result	: PASS
Frequency Range	: 150kHz to 30MHz
Class/Severity	: Class B

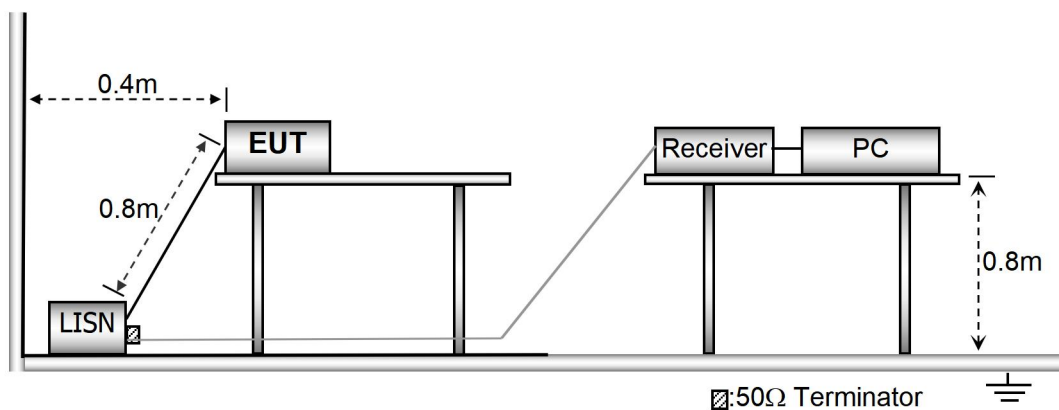
5.1 E.U.T. Operation

Operating Environment :

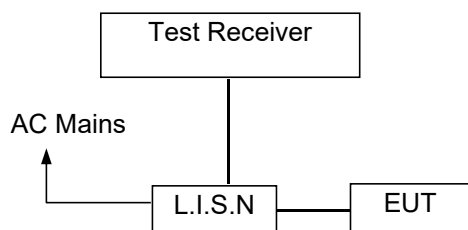
Temperature	: 24.5°C
Humidity	: 51 % RH
Atmospheric Pressure	: 101.1 kPa

5.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10:2020.



5.3 Test SET-UP (Block Diagram of Configuration)



5.4 Measurement Procedure

1. The EUT was placed on a table, which is 0.1m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

5.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.6 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

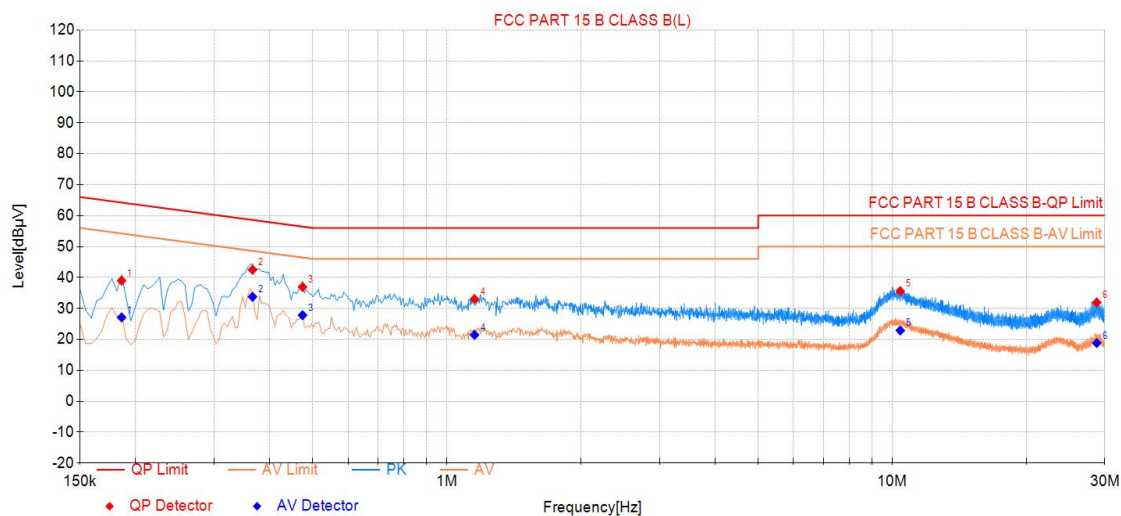
5.7 Conducted Emission Test Result

Pass.

All the modulation modes were tested the data of the worst mode (AC 120V/60Hz, TX 5180MHz) are recorded in the following pages and the others modulation methods do not exceed the limits.



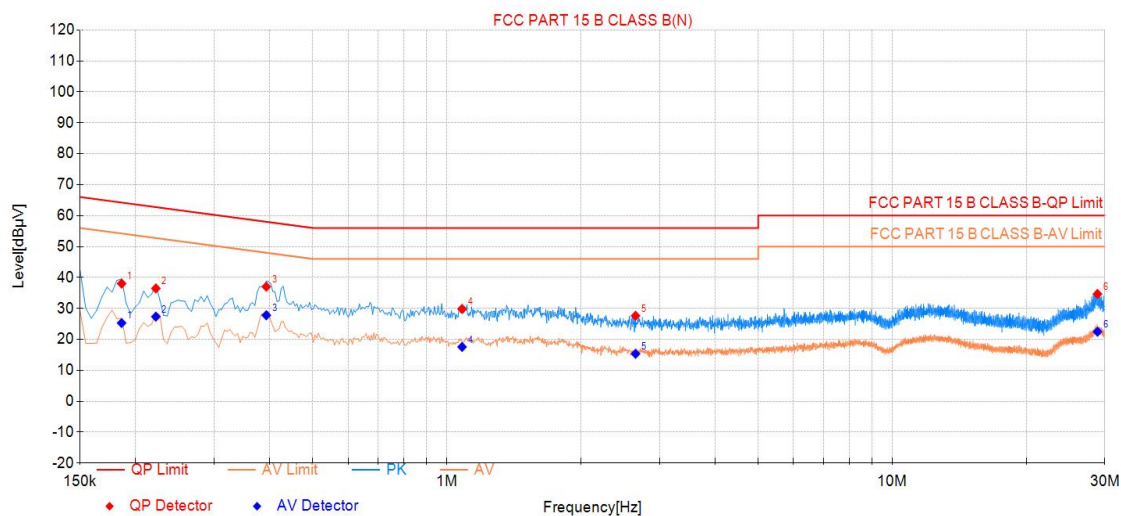
Line-AC 120V/60Hz



Final test data

NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Verdict
1	0.186	19.83	38.98	64.21	25.23	27.10	54.21	27.11	PASS
2	0.366	19.85	42.49	58.59	16.10	33.78	48.59	14.81	PASS
3	0.474	19.90	36.92	56.44	19.52	27.81	46.44	18.63	PASS
4	1.154	19.83	33.01	56.00	22.99	21.44	46.00	24.56	PASS
5	10.424	19.91	35.57	60.00	24.43	22.88	50.00	27.12	PASS
6	28.788	20.21	31.90	60.00	28.10	18.81	50.00	31.19	PASS

Neutral-AC 120V/60Hz



Final test data

NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Verdict
1	0.186	19.85	38.03	64.21	26.18	25.29	54.21	28.92	PASS
2	0.222	19.89	36.46	62.74	26.28	27.34	52.74	25.40	PASS
3	0.393	19.84	37.03	58.00	20.97	27.80	48.00	20.20	PASS
4	1.082	19.85	29.84	56.00	26.16	17.57	46.00	28.43	PASS
5	2.652	19.86	27.62	56.00	28.38	15.33	46.00	30.67	PASS
6	28.896	20.22	34.66	60.00	25.34	22.49	50.00	27.51	PASS

Note: QP Margin[dB]= QP Limit[dBμV]- QP Value[dBμV], AV Margin[dB]= AV Limit[dBμV]- AV Value[dBμV].



6 Radiated Spurious Emissions

Test Requirement	:	FCC CFR47 Part 15 Section 15.209 & 15.407(b)
Test Method	:	ANSI C63.10-2020
Test Result	:	PASS
Measurement Distance	:	3m
Limit		

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

Further.

(7) The provisions of §15.205 apply to intentional radiators operating under this section.

(8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits. As per FCC §15.35(d): Unless otherwise specified, on any frequency or frequencies above 1000 MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000 MHz shall be performed using a minimum resolution bandwidth of 1MHz



As per FCC §15.209(a): Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log^{(2400/F(\text{kHz}))} + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log^{(24000/F(\text{kHz}))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

6.1 EUT Operation

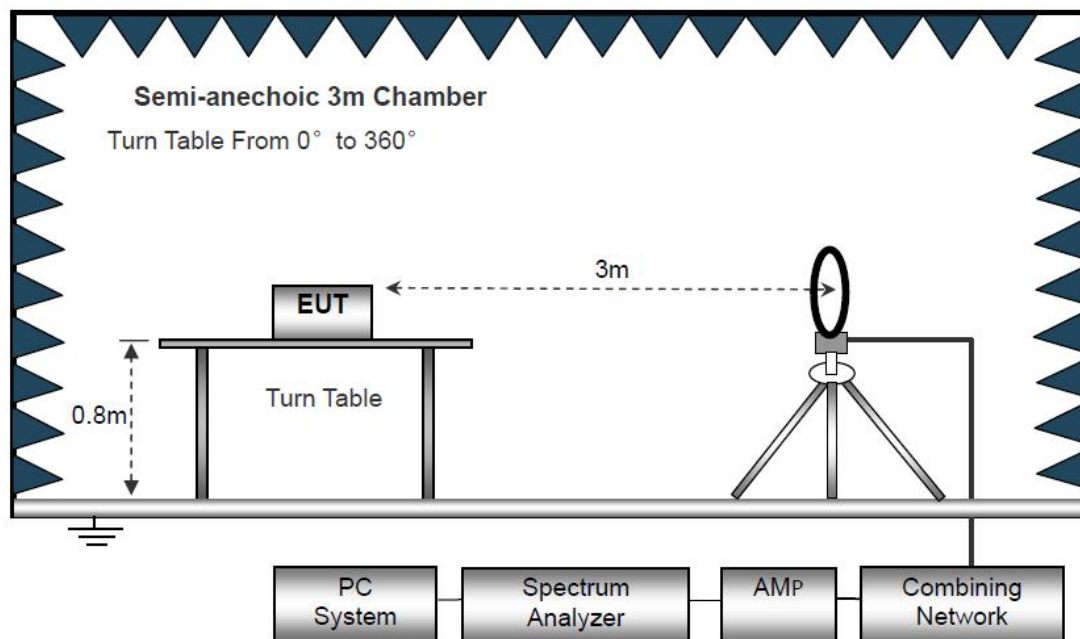
Operating Environment :

Temperature: : 25.3 °C
 Humidity: : 55.1% RH
 Atmospheric Pressure: : 101.3kPa
 Test Voltage : AC 120V 60Hz

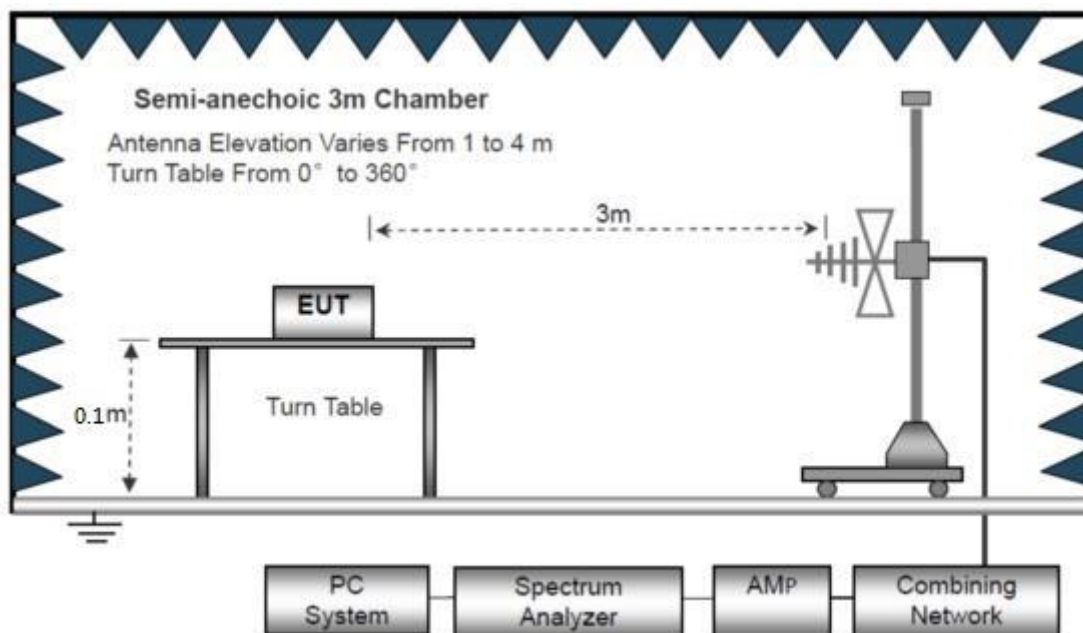
6.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

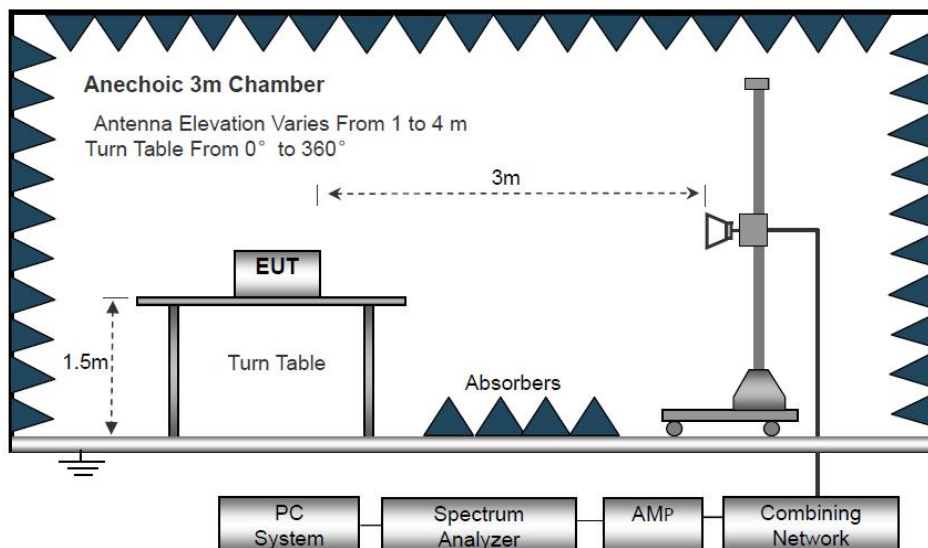
The test setup for emission measurement below 30MHz



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz



6.3 Spectrum Analyzer Setup

	Frequency	Detector	RBW	VBW	Remark
Receiver Setup	Below 30MHz	--	10kHz	10kHz	--
	30MHz ~ 1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		RMS	1MHz	3MHz	Average Value



6.4 Test Procedure

1. Below 1000MHz, The EUT was placed on a turn table which is 0.1m above ground plane, And above 1000MHz, The EUT's ANT is 1.5m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. The spectrum was investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.
8. The test above 1GHz must be use the fully anechoic room, and the test below 1GHz use the half anechoic room



6.5 Summary of Test Results

Test Frequency: 9KHz-30MHz

Note:

The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor = $40\log(\text{Specific distance} / \text{test distance})$ (dB);

Limit line = Specific limits (dBuV) + distance extrapolation factor.

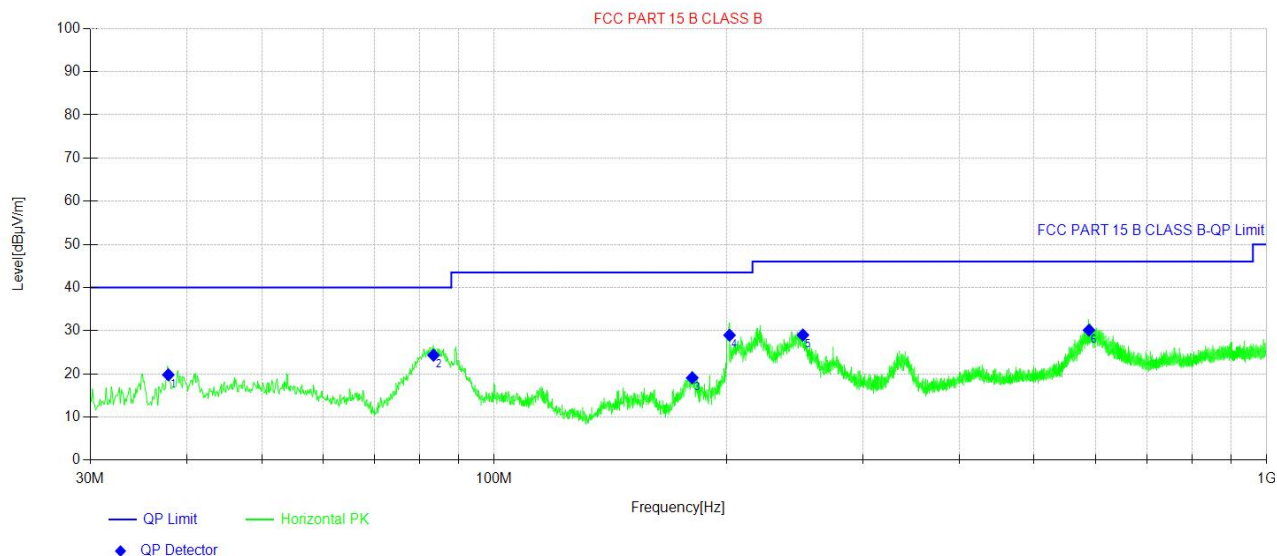
Test Frequency: 30MHz ~ 1GHz

All the modulation modes were tested the data of the worst mode (802.11a Channel 36) are recorded in the following pages and the others modulation methods do not exceed the limits.

Please refer to the following test plots:



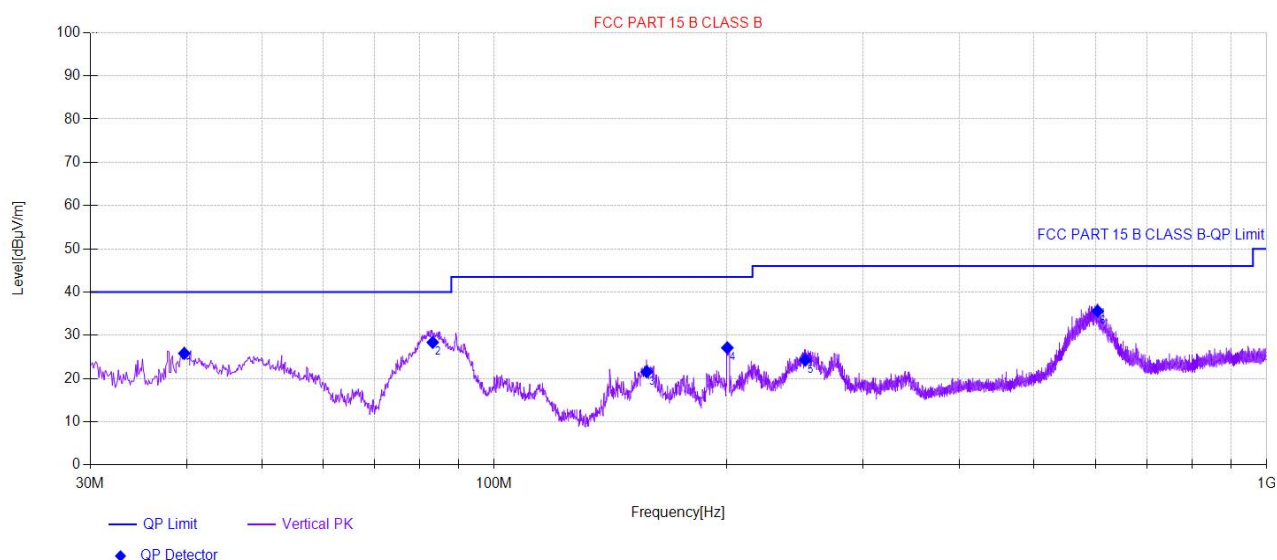
Antenna Polarization: Horizontal(CH36)



Final Test Data								
NO.	Freq. [MHz]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Result
1	37.86	19.78	40.00	20.22	200	2	Horizontal	PASS
2	83.45	24.33	40.00	15.67	200	245	Horizontal	PASS
3	180.46	19.08	43.50	24.42	200	78	Horizontal	PASS
4	201.71	28.96	43.50	14.54	200	227	Horizontal	PASS
5	250.99	29.01	46.00	16.99	200	263	Horizontal	PASS
6	588.87	30.12	46.00	15.88	200	307	Horizontal	PASS

Remark:Emission Level=Reading+Cable Loss+ANT Factor-AMP Factor

Antenna Polarization: Vertical (CH36)



Final Test Data								
NO.	Freq. [MHz]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Result
1	39.70	25.81	40.00	14.19	100	342	Vertical	PASS
2	83.26	28.36	40.00	11.64	100	360	Vertical	PASS
3	157.57	21.55	43.50	21.95	100	256	Vertical	PASS
4	200.35	27.11	43.50	16.39	100	100	Vertical	PASS
5	252.73	24.25	46.00	21.75	100	318	Vertical	PASS
6	604.30	35.58	46.00	10.42	100	292	Vertical	PASS

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

Note: only the worst case recorded in the report.



Test Frequency: From 1GHz to 40GHz

Pre-scan all test modes

Only the worst case Main test data.

Please refer to the following test plots:

802.11a

Test Mode: 5180					Test channel: Lowest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10360	48.56	38.98	5.36	31.25	61.65	68.2	-6.55	V
15540	44.00	39.58	7.85	30.63	60.80	74	-13.20	V
20720	43.75	37.92	8.56	34.95	55.28	74	-18.72	V
10360	49.38	38.98	5.36	31.25	62.47	68.2	-5.73	H
15540	40.58	39.58	7.85	30.63	57.38	74	-16.62	H
20720	41.88	37.92	8.56	34.95	53.41	74	-20.59	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10360	31.81	38.98	5.36	31.25	44.90	54	-9.10	V
15540	27.36	39.58	7.85	30.63	44.16	54	-9.84	V
20720	27.56	37.92	8.56	34.95	39.09	54	-14.91	V
10360	35.20	38.98	5.36	31.25	48.29	54	-5.71	H
15540	25.35	39.58	7.85	30.63	42.15	54	-11.85	H
20720	24.12	37.92	8.56	34.95	35.65	54	-18.35	H



802.11a

Test Mode:5200					Test channel: Middle			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10400	49.77	39.1	5.36	31.25	62.98	68.2	-5.22	V
15600	43.45	39.7	7.85	30.63	60.37	74	-13.63	V
20800	44.98	37.84	8.56	34.95	56.43	74	-17.57	V
10400	47.03	39.1	5.36	31.25	60.24	68.2	-7.96	H
15600	43.02	39.7	7.85	30.63	59.94	74	-14.06	H
20800	43.81	37.84	8.56	34.95	55.26	74	-18.74	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10400	30.78	39.1	5.36	31.25	43.99	54	-10.01	V
15600	26.22	39.7	7.85	30.63	43.14	54	-10.86	V
20800	31.70	37.84	8.56	34.95	43.15	54	-10.85	V
10400	31.41	39.1	5.36	31.25	44.62	54	-9.38	H
15600	30.65	39.7	7.85	30.63	47.57	54	-6.43	H
20800	30.11	37.84	8.56	34.95	41.56	54	-12.44	H



802.11a

Test Mode:5240					Test channel: High			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10480	46.81	39.34	5.36	31.25	60.26	68.2	-7.94	V
15720	45.73	39.72	7.85	30.63	62.67	74	-11.33	V
20960	43.15	37.65	8.56	34.95	54.41	74	-19.59	V
10480	48.36	39.34	5.36	31.25	61.81	68.2	-6.39	H
15720	47.41	39.72	7.85	30.63	64.35	74	-9.65	H
20960	44.53	37.65	8.56	34.95	55.79	74	-18.21	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10480	33.51	39.34	5.36	31.25	46.96	54	-7.04	V
15720	29.39	39.72	7.85	30.63	46.33	54	-7.67	V
20960	32.05	37.65	8.56	34.95	43.31	54	-10.69	V
10480	33.85	39.34	5.36	31.25	47.30	54	-6.70	H
15720	27.58	39.72	7.85	30.63	44.52	54	-9.48	H
20960	28.37	37.65	8.56	34.95	39.63	54	-14.37	H



Test Mode: 5260					Test channel: Lowest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10520	47.45	39.35	5.36	31.27	60.89	68.2	-7.31	V
15780	40.42	39.78	7.83	30.64	57.39	74	-16.61	V
21040	40.96	37.64	8.57	34.96	52.21	74	-21.79	V
10520	45.48	39.35	5.36	31.27	58.92	68.2	-9.28	H
15780	40.99	39.78	7.83	30.64	57.96	74	-16.04	H
21040	44.69	37.64	8.57	34.96	55.94	74	-18.06	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10520	30.61	39.35	5.36	31.27	44.05	54	-9.95	V
15780	28.80	39.78	7.83	30.64	45.77	54	-8.23	V
21040	25.94	37.64	8.57	34.96	37.19	54	-16.81	V
10520	31.56	39.35	5.36	31.27	45.00	54	-9.00	H
15780	25.40	39.78	7.83	30.64	42.37	54	-11.63	H
21040	28.49	37.64	8.57	34.96	39.74	54	-14.26	H



802.11a

Test Mode:5280					Test channel: Middle			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10560	48.35	39.1	5.36	31.25	61.56	68.2	-6.64	V
15840	45.00	39.7	7.85	30.63	61.92	74	-12.08	V
21120	45.79	37.84	8.56	34.95	57.24	74	-16.76	V
10560	48.27	39.1	5.36	31.25	61.48	68.2	-6.72	H
15840	39.88	39.7	7.85	30.63	56.8	74	-17.2	H
21120	40.84	37.84	8.56	34.95	52.29	74	-21.71	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10560	34.99	39.36	5.36	31.29	48.43	54	-5.57	V
15840	26.40	39.84	7.81	30.66	43.40	54	-10.60	V
21120	30.95	37.62	8.58	34.97	42.18	54	-11.82	V
10560	32.12	39.36	5.36	31.29	45.56	54	-8.44	H
15840	26.25	39.84	7.81	30.66	43.25	54	-10.75	H
21120	28.79	37.62	8.58	34.97	40.02	54	-13.98	H



802.11a

Test Mode:5320					Test channel: High			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10640	43.96	39.39	5.37	31.33	57.39	68.2	-10.81	V
15960	45.67	39.97	7.77	30.68	62.72	74	-11.28	V
21280	43.37	37.62	8.58	34.97	54.6	74	-19.4	V
10640	47.49	39.39	5.37	31.33	60.92	68.2	-7.28	H
15960	46.94	39.97	7.77	30.68	63.99	74	-10.01	H
21280	46.29	37.62	8.58	34.97	57.52	74	-16.48	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
10640	34.28	39.39	5.37	31.33	47.71	54	-6.29	V
15960	26.35	39.97	7.77	30.68	43.40	54	-10.60	V
21280	32.35	37.62	8.58	34.97	43.58	54	-10.42	V
10640	30.07	39.39	5.37	31.33	43.50	54	-10.50	H
15960	27.52	39.97	7.77	30.68	44.57	54	-9.43	H
21280	28.02	37.62	8.58	34.97	39.25	54	-14.75	H



Report No.: PTC26012121101E-FC04

Test Mode: 5500					Test channel: Lowest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11000	44.32	39.50	5.39	31.51	57.7	68.2	-10.5	V
16500	43.00	40.52	7.58	30.80	60.3	74	-13.7	V
22000	40.76	37.48	8.71	35.10	51.84	74	-22.16	V
11000	50.40	39.50	5.39	31.51	63.78	68.2	-4.42	H
16500	44.72	40.52	7.58	30.80	62.02	74	-11.98	H
22000	41.48	37.48	8.71	35.10	52.56	74	-21.44	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11000	30.98	39.50	5.39	31.51	44.36	54	-9.64	V
16500	30.02	40.52	7.58	30.80	47.32	54	-6.68	V
22000	25.33	37.48	8.71	35.10	36.41	54	-17.59	V
11000	31.56	39.50	5.39	31.51	44.94	54	-9.06	H
16500	22.49	40.52	7.58	30.80	39.79	54	-14.21	H
22000	28.63	37.48	8.71	35.10	39.71	54	-14.29	H



802.11a

Test Mode:5580					Test channel: Middle			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11160	46.55	39.55	5.40	31.59	59.91	68.2	-8.29	V
16740	45.41	40.77	7.49	30.85	62.82	74	-11.18	V
22320	44.27	37.43	8.76	35.15	55.3	74	-18.7	V
11160	48.87	39.55	5.40	31.59	62.23	68.2	-5.97	H
16740	40.11	40.77	7.49	30.85	57.52	74	-16.48	H
22320	43.28	37.43	8.76	35.15	54.31	74	-19.69	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11160	34.81	39.55	5.40	31.59	48.17	54	-5.83	V
16740	28.67	40.77	7.49	30.85	46.08	54	-7.92	V
22320	29.66	37.43	8.76	35.15	40.69	54	-13.31	V
11160	33.68	39.55	5.40	31.59	47.04	54	-6.96	H
16740	29.13	40.77	7.49	30.85	46.54	54	-7.46	H
22320	29.52	37.43	8.76	35.15	40.55	54	-13.45	H



802.11a

Test Mode:5700					Test channel: High			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11400	43.98	39.62	5.41	31.71	57.31	68.2	-10.89	V
17100	41.39	41.14	7.37	30.93	58.97	74	-15.03	V
22800	44.24	37.35	8.82	35.22	55.19	74	-18.81	V
11400	49.41	39.62	5.41	31.71	62.74	68.2	-5.46	H
17100	45.56	41.14	7.37	30.93	63.14	74	-10.86	H
22800	44.91	37.35	8.82	35.22	55.86	74	-18.14	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11400	31.18	39.62	5.41	31.71	44.51	54	-9.49	V
17100	26.64	41.14	7.37	30.93	44.22	54	-9.78	V
22800	29.05	37.35	8.82	35.22	40.00	54	-14.00	V
11400	30.59	39.62	5.41	31.71	43.92	54	-10.08	H
17100	25.28	41.14	7.37	30.93	42.86	54	-11.14	H
22800	28.50	37.35	8.82	35.22	39.45	54	-14.55	H



802.11a

Test Mode: 5745					Test channel: Lowest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11490	48.67	39.65	5.42	31.75	61.99	68.2	-6.21	V
17235	43.84	41.28	7.32	30.96	61.48	74	-12.52	V
22980	43.74	37.12	8.85	35.25	54.46	74	-19.54	V
11490	49.19	39.65	5.42	31.75	62.51	68.2	-5.69	H
17235	42.02	41.28	7.32	30.96	59.66	74	-14.34	H
22980	46.50	37.12	8.85	35.25	57.22	74	-16.78	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11490	33.29	39.65	5.42	31.75	46.61	54	-7.39	V
17235	31.65	41.28	7.32	30.96	49.29	54	-4.71	V
22980	27.16	37.12	8.85	35.25	37.88	54	-16.12	V
11490	31.00	39.65	5.42	31.75	44.32	54	-9.68	H
17235	28.90	41.28	7.32	30.96	46.54	54	-7.46	H
22980	28.30	37.12	8.85	35.25	39.02	54	-14.98	H



802.11a

Test Mode:5785					Test channel: Middle			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11570	49.44	39.84	5.42	31.75	62.95	68.2	-5.25	V
17355	44.78	42.02	7.32	30.96	63.16	74	-10.84	V
23140	43.76	37.32	8.85	35.25	54.68	74	-19.32	V
11570	47.12	39.84	5.42	31.75	60.63	68.2	-7.57	H
17355	40.31	42.02	7.32	30.96	58.69	74	-15.31	H
23140	43.20	37.32	8.85	35.25	54.12	74	-19.88	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11570	31.75	39.84	5.42	31.75	45.26	54	-8.74	V
17355	28.21	42.02	7.32	30.96	46.59	54	-7.41	V
23140	30.97	37.32	8.85	35.25	41.89	54	-12.11	V
11570	31.97	39.84	5.42	31.75	45.48	54	-8.52	H
17355	30.76	42.02	7.32	30.96	49.14	54	-4.86	H
23140	28.89	37.32	8.85	35.25	39.81	54	-14.19	H



802.11a

Test Mode:5825					Test channel: High			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11650	50.56	39.8	5.42	31.75	64.03	68.2	-4.17	V
17475	46.68	42.13	7.32	30.96	65.17	74	-8.83	V
23300	44.17	37.6	8.85	35.25	55.37	74	-18.63	V
11650	48.16	39.8	5.42	31.75	61.63	68.2	-6.57	H
17475	42.31	42.13	7.32	30.96	60.8	74	-13.2	H
23300	47.13	37.6	8.85	35.25	58.33	74	-15.67	H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
11650	35.21	39.8	5.42	31.75	48.68	54	-5.32	V
17475	27.81	42.13	7.32	30.96	46.30	54	-7.70	V
23300	29.08	37.6	8.85	35.25	40.28	54	-13.72	V
11650	32.73	39.8	5.42	31.75	46.20	54	-7.80	H
17475	30.48	42.13	7.32	30.96	48.97	54	-5.03	H
23300	27.52	37.6	8.85	35.25	38.72	54	-15.28	H

Note:

1. The testing has been conformed to 40GHz.
2. All other emissions more than 30dB below the limit.
3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
4. X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.



Undesirable emission

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5137.45	-41.94	≤-27	PASS
11A	Ant1	5180	5360~40000	38967.73	-45.51	≤-27	PASS
11A	Ant1	5200	30~5140	5139.15	-48.22	≤-27	PASS
11A	Ant1	5200	5360~40000	34906.77	-45.33	≤-27	PASS
11A	Ant1	5240	30~5140	4192.78	-43.57	≤-27	PASS
11A	Ant1	5240	5360~40000	38337.28	-45.41	≤-27	PASS
11A	Ant1	5260	30~5140	4208.28	-41.68	≤-27	PASS
11A	Ant1	5260	5360~40000	38940.02	-45.23	≤-27	PASS
11A	Ant1	5280	30~5140	3424.91	-48.68	≤-27	PASS
11A	Ant1	5280	5360~40000	38957.34	-45.97	≤-27	PASS
11A	Ant1	5320	30~5140	5003.9	-48.86	≤-27	PASS
11A	Ant1	5320	5360~40000	5360	-40.07	≤-27	PASS
11A	Ant1	5500	30~5460	5452.94	-46.34	≤-27	PASS
11A	Ant1	5500	5735~40000	39998.86	-45.15	≤-27	PASS
11A	Ant1	5580	30~5460	5305.06	-46.16	≤-27	PASS
11A	Ant1	5580	5735~40000	39907.48	-45.29	≤-27	PASS
11A	Ant1	5700	30~5460	4560.43	-48.44	≤-27	PASS
11A	Ant1	5700	5735~40000	5738.43	-45.13	≤-27	PASS
11A	Ant1	5745	30~5650	4596.44	-47.32	≤-27	PASS
11A	Ant1	5745	5925~40000	39426.4	-46.3	≤-27	PASS
11A	Ant1	5785	30~5650	4628.47	-46.67	≤-27	PASS
11A	Ant1	5785	5925~40000	38957.31	-45.56	≤-27	PASS
11A	Ant1	5825	30~5650	4660.51	-45.53	≤-27	PASS
11A	Ant1	5825	5925~40000	35416.91	-45.38	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5134.72	-44.39	≤-27	PASS
11N20SISO	Ant1	5180	5360~40000	39463.08	-45.15	≤-27	PASS
11N20SISO	Ant1	5200	30~5140	5066.25	-43.25	≤-27	PASS
11N20SISO	Ant1	5200	5360~40000	5399.26	-42.57	≤-27	PASS
11N20SISO	Ant1	5240	30~5140	5023.32	-48.44	≤-27	PASS
11N20SISO	Ant1	5240	5360~40000	38982.74	-45.36	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	4208.28	-49.31	≤-27	PASS
11N20SISO	Ant1	5260	5360~40000	5498.56	-43.83	≤-27	PASS
11N20SISO	Ant1	5280	30~5140	2423.69	-48.6	≤-27	PASS
11N20SISO	Ant1	5280	5360~40000	35255.47	-45.71	≤-27	PASS
11N20SISO	Ant1	5320	30~5140	4255.63	-48.6	≤-27	PASS
11N20SISO	Ant1	5320	5360~40000	5370.39	-41.87	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5338.19	-44.17	≤-27	PASS
11N20SISO	Ant1	5500	5735~40000	39127.38	-45.92	≤-27	PASS
11N20SISO	Ant1	5580	30~5460	4464.5	-46.81	≤-27	PASS
11N20SISO	Ant1	5580	5735~40000	34645.52	-45.55	≤-27	PASS
11N20SISO	Ant1	5700	30~5460	4560.43	-48.91	≤-27	PASS
11N20SISO	Ant1	5700	5735~40000	34787.15	-45.5	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4596.62	-48.24	≤-27	PASS
11N20SISO	Ant1	5745	5925~40000	38805.1	-44.72	≤-27	PASS
11N20SISO	Ant1	5785	30~5650	4628.47	-46.33	≤-27	PASS
11N20SISO	Ant1	5785	5925~40000	38908.46	-46.22	≤-27	PASS
11N20SISO	Ant1	5825	30~5650	4660.69	-46.52	≤-27	PASS
11N20SISO	Ant1	5825	5925~40000	36026.86	-46.56	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4152.75	-42.16	≤-27	PASS
11N40SISO	Ant1	5190	5360~40000	5372.7	-43.21	≤-27	PASS
11N40SISO	Ant1	5230	30~5140	2426.42	-48.53	≤-27	PASS
11N40SISO	Ant1	5230	5360~40000	5373.86	-41.04	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	4216.45	-49.28	≤-27	PASS



11N40SISO	Ant1	5270	5360~40000	5492.79	-43.28	≤-27	PASS
11N40SISO	Ant1	5310	30~5140	4247.96	-49.97	≤-27	PASS
11N40SISO	Ant1	5310	5360~40000	5456.99	-42.34	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5350.86	-44.49	≤-27	PASS
11N40SISO	Ant1	5510	5735~40000	39241.6	-45.03	≤-27	PASS
11N40SISO	Ant1	5550	30~5460	4440.79	-47.7	≤-27	PASS
11N40SISO	Ant1	5550	5735~40000	39420.92	-45.24	≤-27	PASS
11N40SISO	Ant1	5670	30~5460	5310.49	-47.14	≤-27	PASS
11N40SISO	Ant1	5670	5735~40000	38949.21	-44.88	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4604.49	-47.41	≤-27	PASS
11N40SISO	Ant1	5755	5925~40000	34913.74	-45.09	≤-27	PASS
11N40SISO	Ant1	5795	30~5650	2435.55	-47.25	≤-27	PASS
11N40SISO	Ant1	5795	5925~40000	39713.77	-45.32	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5133.02	-43.23	≤-27	PASS
11AC20SISO	Ant1	5180	5360~40000	5473.16	-45.57	≤-27	PASS
11AC20SISO	Ant1	5200	30~5140	5135.57	-48.59	≤-27	PASS
11AC20SISO	Ant1	5200	5360~40000	5560.91	-44.45	≤-27	PASS
11AC20SISO	Ant1	5240	30~5140	4192.61	-50.26	≤-27	PASS
11AC20SISO	Ant1	5240	5360~40000	5436.21	-42.32	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	4207.6	-45.87	≤-27	PASS
11AC20SISO	Ant1	5260	5360~40000	39127.07	-45.1	≤-27	PASS
11AC20SISO	Ant1	5280	30~5140	4223.78	-45.09	≤-27	PASS
11AC20SISO	Ant1	5280	5360~40000	5407.34	-43.32	≤-27	PASS
11AC20SISO	Ant1	5320	30~5140	2402.91	-50.14	≤-27	PASS
11AC20SISO	Ant1	5320	5360~40000	5364.62	-39.18	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5459.82	-44.67	≤-27	PASS
11AC20SISO	Ant1	5500	5735~40000	35293.13	-45.38	≤-27	PASS
11AC20SISO	Ant1	5580	30~5460	5422.35	-42.33	≤-27	PASS
11AC20SISO	Ant1	5580	5735~40000	39572.83	-44.81	≤-27	PASS
11AC20SISO	Ant1	5700	30~5460	4560.43	-48.2	≤-27	PASS
11AC20SISO	Ant1	5700	5735~40000	5837.8	-44.8	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4596.44	-47.44	≤-27	PASS
11AC20SISO	Ant1	5745	5925~40000	34613.88	-46.16	≤-27	PASS
11AC20SISO	Ant1	5785	30~5650	4628.66	-46.56	≤-27	PASS
11AC20SISO	Ant1	5785	5925~40000	39076.57	-45.76	≤-27	PASS
11AC20SISO	Ant1	5825	30~5650	4660.51	-46.8	≤-27	PASS
11AC20SISO	Ant1	5825	5925~40000	39006.15	-45.77	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5114.45	-43.61	≤-27	PASS
11AC40SISO	Ant1	5190	5360~40000	34680.45	-45.22	≤-27	PASS
11AC40SISO	Ant1	5230	30~5140	4184.6	-41.59	≤-27	PASS
11AC40SISO	Ant1	5230	5360~40000	5406.19	-42.2	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	1766.89	-38.03	≤-27	PASS
11AC40SISO	Ant1	5270	5360~40000	5387.71	-44.94	≤-27	PASS
11AC40SISO	Ant1	5310	30~5140	5058.24	-46.34	≤-27	PASS
11AC40SISO	Ant1	5310	5360~40000	5433.9	-43.15	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5457.47	-45.65	≤-27	PASS
11AC40SISO	Ant1	5510	5735~40000	39001.75	-45.07	≤-27	PASS
11AC40SISO	Ant1	5550	30~5460	4440.43	-48.55	≤-27	PASS
11AC40SISO	Ant1	5550	5735~40000	39973.73	-45.32	≤-27	PASS
11AC40SISO	Ant1	5670	30~5460	4536.54	-47.43	≤-27	PASS
11AC40SISO	Ant1	5670	5735~40000	39014.31	-44.47	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4604.49	-47.28	≤-27	PASS
11AC40SISO	Ant1	5755	5925~40000	39348.03	-45.87	≤-27	PASS
11AC40SISO	Ant1	5795	30~5650	4636.53	-47.27	≤-27	PASS
11AC40SISO	Ant1	5795	5925~40000	39759.2	-45.62	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5120.58	-39.25	≤-27	PASS

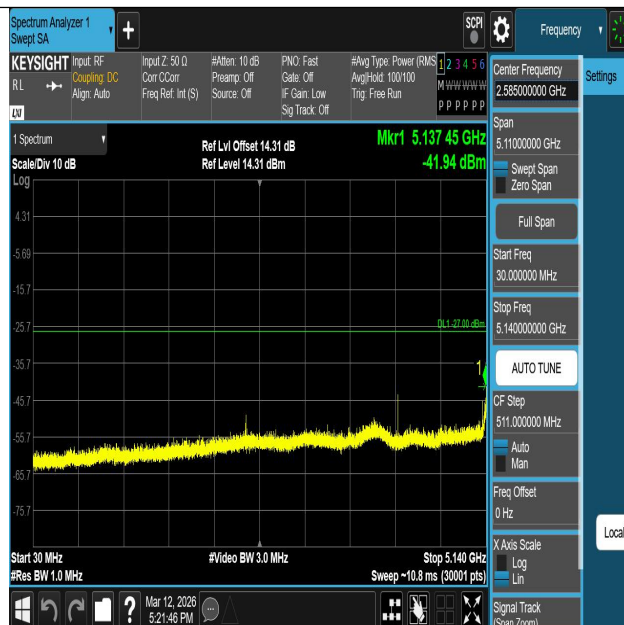


11AC80SISO	Ant1	5210	5360~40000	34670.06	-45.21	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	4879.39	-49.28	≤-27	PASS
11AC80SISO	Ant1	5290	5360~40000	5373.86	-34.65	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5441.18	-44.57	≤-27	PASS
11AC80SISO	Ant1	5530	5735~40000	34749.46	-45.36	≤-27	PASS
11AC80SISO	Ant1	5610	30~5460	4488.75	-48.35	≤-27	PASS
11AC80SISO	Ant1	5610	5735~40000	39376.38	-45.87	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4620.79	-46.6	≤-27	PASS
11AC80SISO	Ant1	5775	5925~40000	39093.61	-45.97	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5138.98	-45.48	≤-27	PASS
11AX20SISO	Ant1	5180	5360~40000	39872.99	-45.84	≤-27	PASS
11AX20SISO	Ant1	5200	30~5140	5111.38	-46.24	≤-27	PASS
11AX20SISO	Ant1	5200	5360~40000	5584.01	-45.35	≤-27	PASS
11AX20SISO	Ant1	5240	30~5140	5131.65	-43.43	≤-27	PASS
11AX20SISO	Ant1	5240	5360~40000	5527.43	-44.55	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	5106.79	-45.41	≤-27	PASS
11AX20SISO	Ant1	5260	5360~40000	39448.07	-44.82	≤-27	PASS
11AX20SISO	Ant1	5280	30~5140	4224.46	-49.52	≤-27	PASS
11AX20SISO	Ant1	5280	5360~40000	39030.08	-45.51	≤-27	PASS
11AX20SISO	Ant1	5320	30~5140	5102.53	-44.67	≤-27	PASS
11AX20SISO	Ant1	5320	5360~40000	5517.03	-43.77	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5458.19	-46.21	≤-27	PASS
11AX20SISO	Ant1	5500	5735~40000	38935.5	-45.49	≤-27	PASS
11AX20SISO	Ant1	5580	30~5460	5450.95	-42.9	≤-27	PASS
11AX20SISO	Ant1	5580	5735~40000	38890.96	-45.11	≤-27	PASS
11AX20SISO	Ant1	5700	30~5460	4560.61	-47.12	≤-27	PASS
11AX20SISO	Ant1	5700	5735~40000	5745.28	-45.26	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4596.25	-48.12	≤-27	PASS
11AX20SISO	Ant1	5745	5925~40000	35305.6	-44.89	≤-27	PASS
11AX20SISO	Ant1	5785	30~5650	4628.28	-46.79	≤-27	PASS
11AX20SISO	Ant1	5785	5925~40000	38205.38	-45.5	≤-27	PASS
11AX20SISO	Ant1	5825	30~5650	5586.68	-46.68	≤-27	PASS
11AX20SISO	Ant1	5825	5925~40000	39012.96	-46.09	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5137.96	-39.72	≤-27	PASS
11AX40SISO	Ant1	5190	5360~40000	34593.85	-45.38	≤-27	PASS
11AX40SISO	Ant1	5230	30~5140	4938.84	-45.55	≤-27	PASS
11AX40SISO	Ant1	5230	5360~40000	5391.18	-40.89	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	4216.45	-41.08	≤-27	PASS
11AX40SISO	Ant1	5270	5360~40000	5385.4	-40.05	≤-27	PASS
11AX40SISO	Ant1	5310	30~5140	5095.03	-45.69	≤-27	PASS
11AX40SISO	Ant1	5310	5360~40000	5364.62	-38.74	≤-27	PASS
11AX40SISO	Ant1	5510	30~5460	5459.64	-44.88	≤-27	PASS
11AX40SISO	Ant1	5510	5735~40000	39996.57	-44.75	≤-27	PASS
11AX40SISO	Ant1	5550	30~5460	5266.69	-46.55	≤-27	PASS
11AX40SISO	Ant1	5550	5735~40000	5800.1	-44.75	≤-27	PASS
11AX40SISO	Ant1	5670	30~5460	5368.05	-46.43	≤-27	PASS
11AX40SISO	Ant1	5670	5735~40000	6020.54	-45.54	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4604.49	-48.2	≤-27	PASS
11AX40SISO	Ant1	5755	5925~40000	39036.81	-44.65	≤-27	PASS
11AX40SISO	Ant1	5795	30~5650	2402.95	-46.69	≤-27	PASS
11AX40SISO	Ant1	5795	5925~40000	39994.32	-45.23	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5140	-40.44	≤-27	PASS
11AX80SISO	Ant1	5210	5360~40000	5390.02	-42	≤-27	PASS
11AX80SISO	Ant1	5290	30~5140	5096.57	-50.73	≤-27	PASS
11AX80SISO	Ant1	5290	5360~40000	5363.46	-41.18	≤-27	PASS
11AX80SISO	Ant1	5530	30~5460	5459.46	-39.83	≤-27	PASS

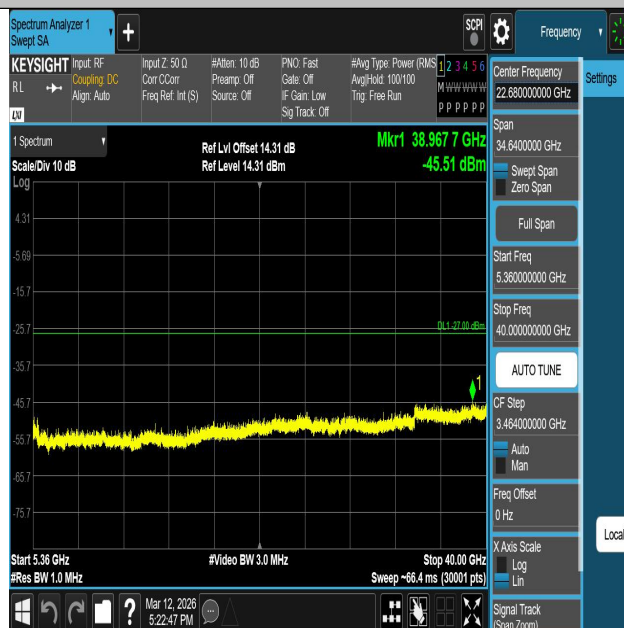


11AX80SISO	Ant1	5530	5735~40000	34511.89	-45.09	≤-27	PASS
11AX80SISO	Ant1	5610	30~5460	4488.57	-49.41	≤-27	PASS
11AX80SISO	Ant1	5610	5735~40000	35373.08	-45.37	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	4620.04	-43.94	≤-27	PASS
11AX80SISO	Ant1	5775	5925~40000	36600.45	-45.82	≤-27	PASS

Test Graphs:

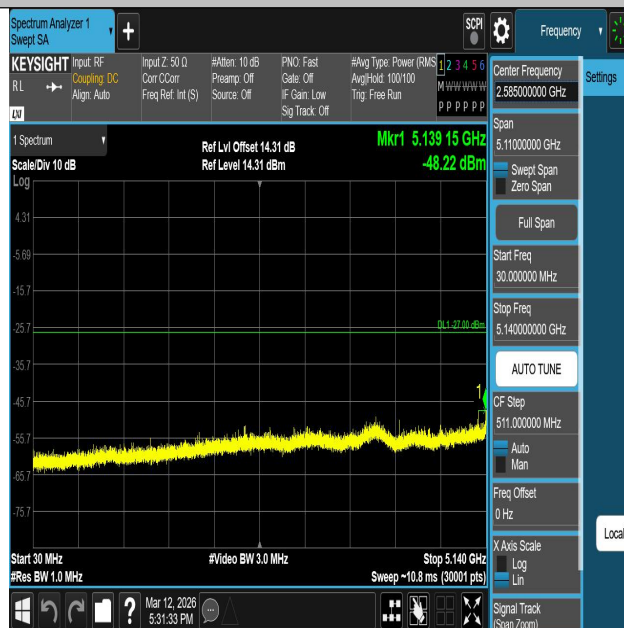


11A-Ant1-5180-30~5140-PASS

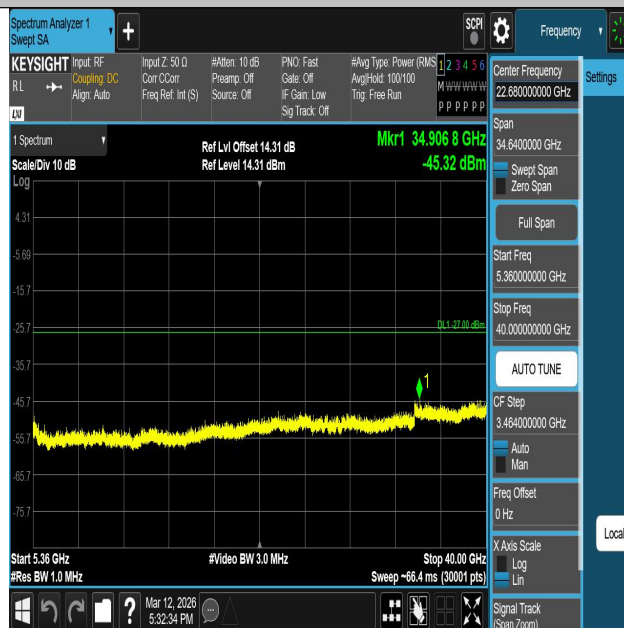




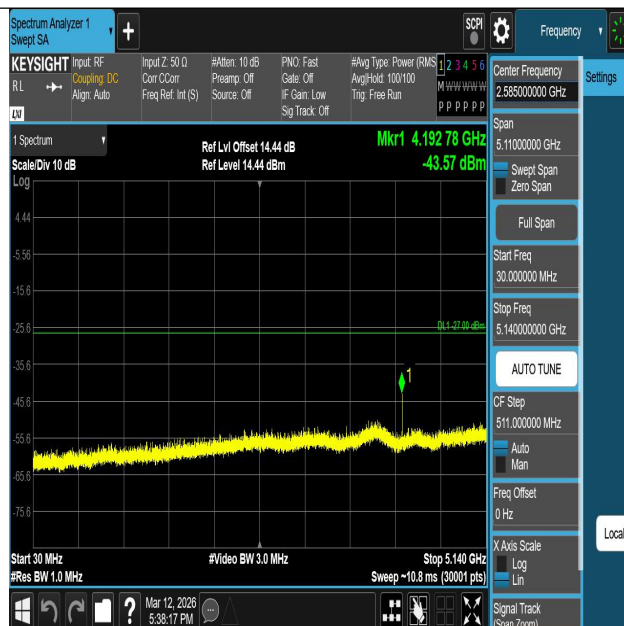
11A-Ant1-5180-5360~40000-PASS



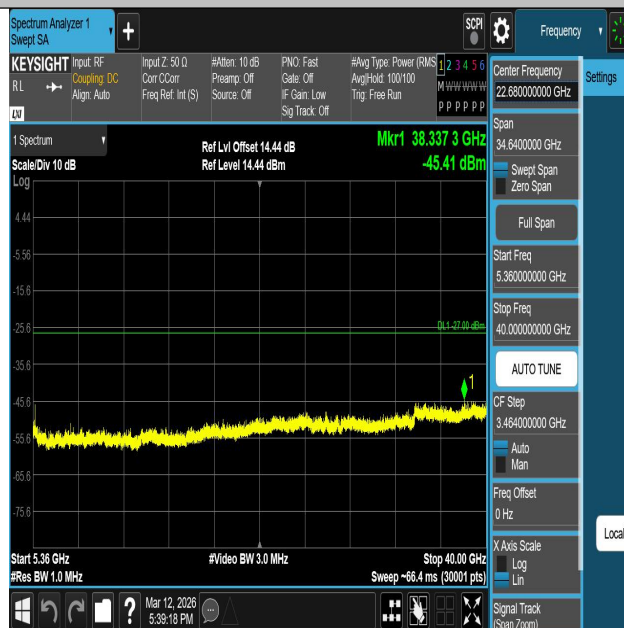
11A-Ant1-5200-30~5140-PASS



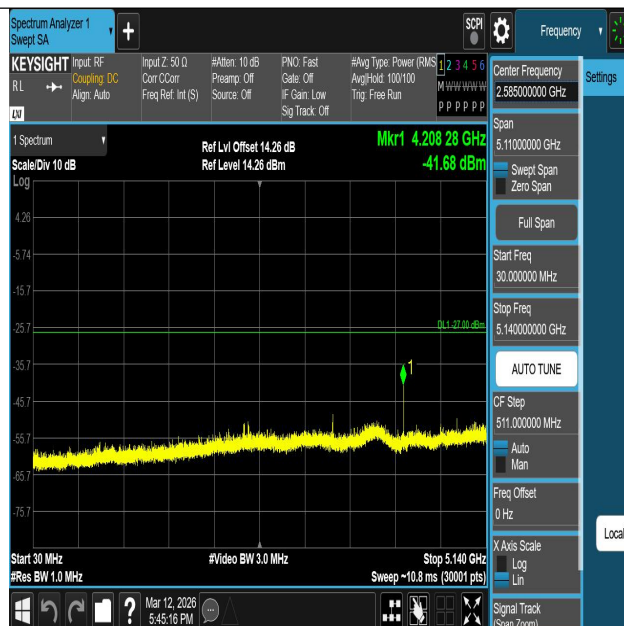
11A-Ant1-5200-5360~40000-PASS



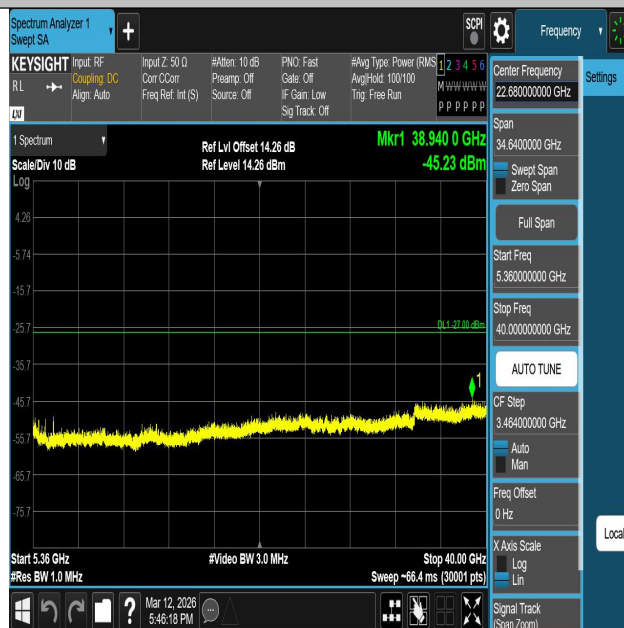
11A-Ant1-5240-30~5140-PASS



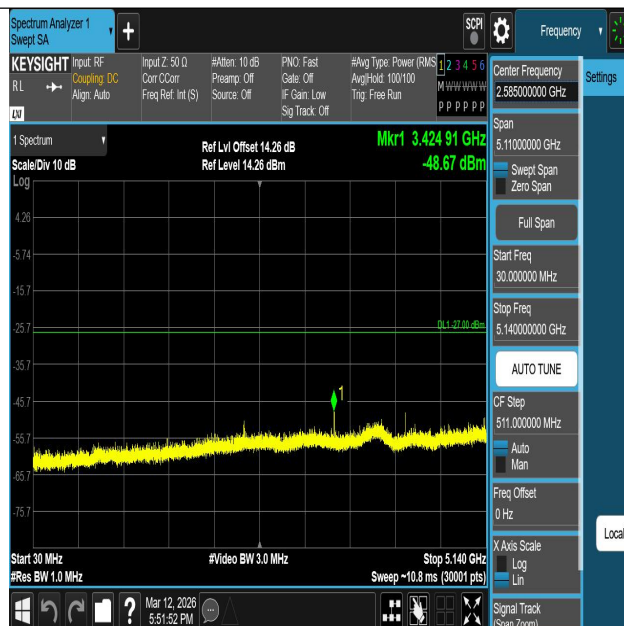
11A-Ant1-5240-5360~40000-PASS



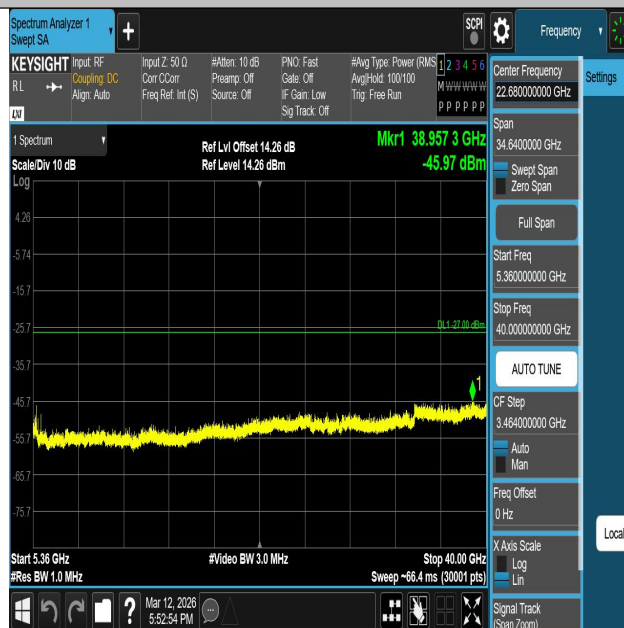
11A-Ant1-5260-30~5140-PASS



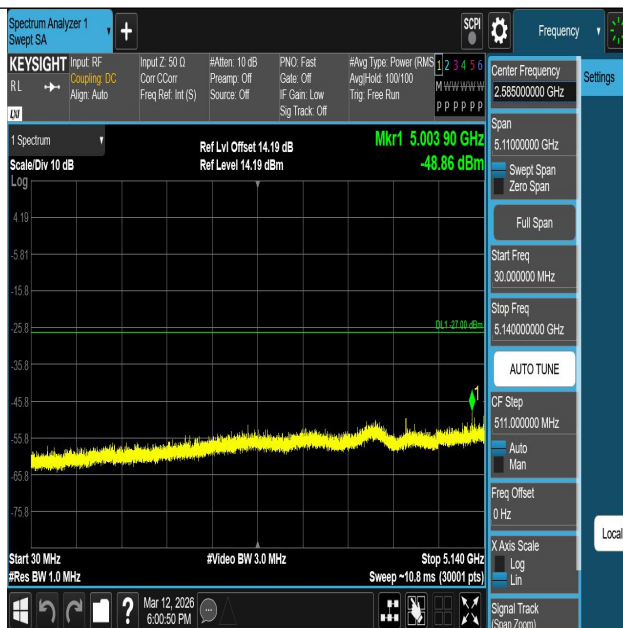
11A-Ant1-5260-5360~40000-PASS



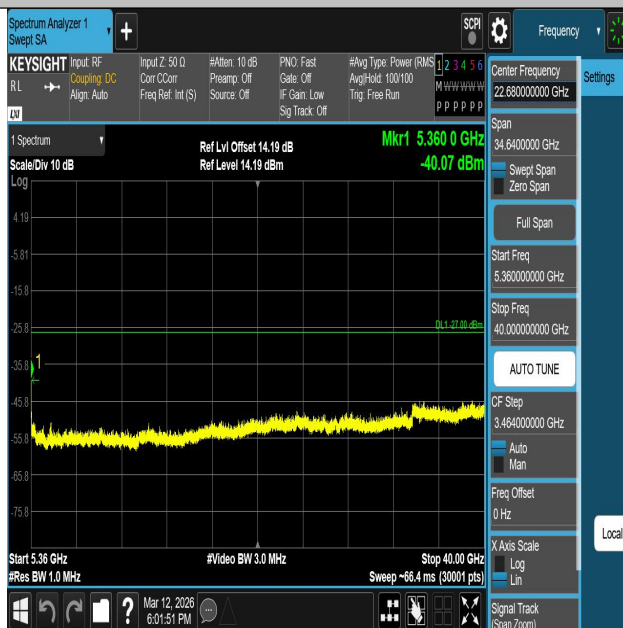
11A-Ant1-5280-30~5140-PASS



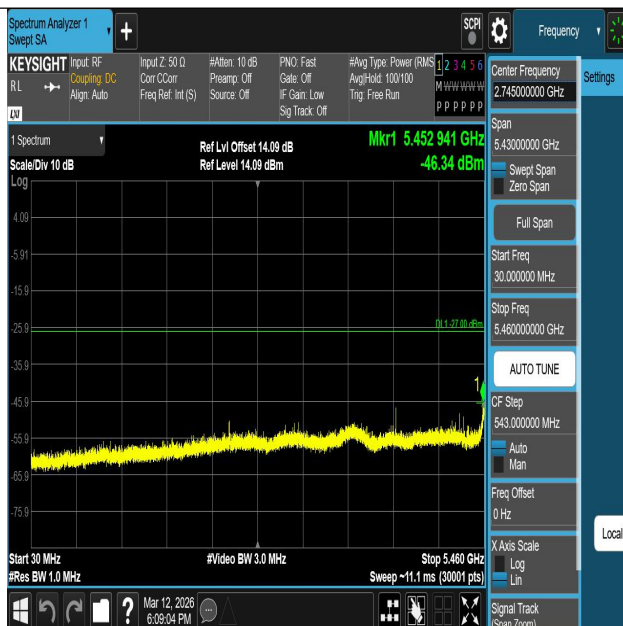
11A-Ant1-5280-5360~40000-PASS



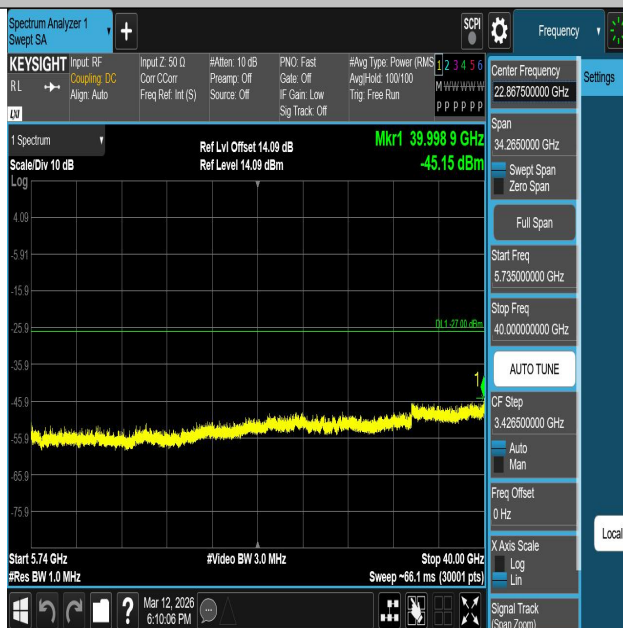
11A-Ant1-5320-30~5140-PASS



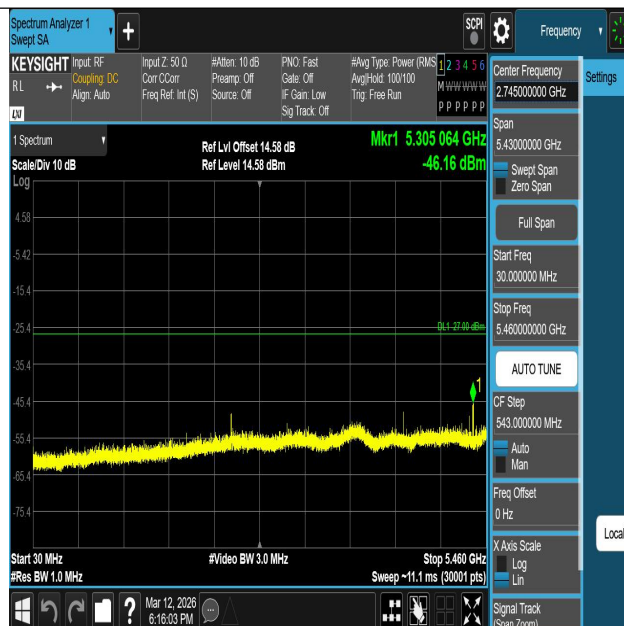
11A-Ant1-5320-5360~40000-PASS



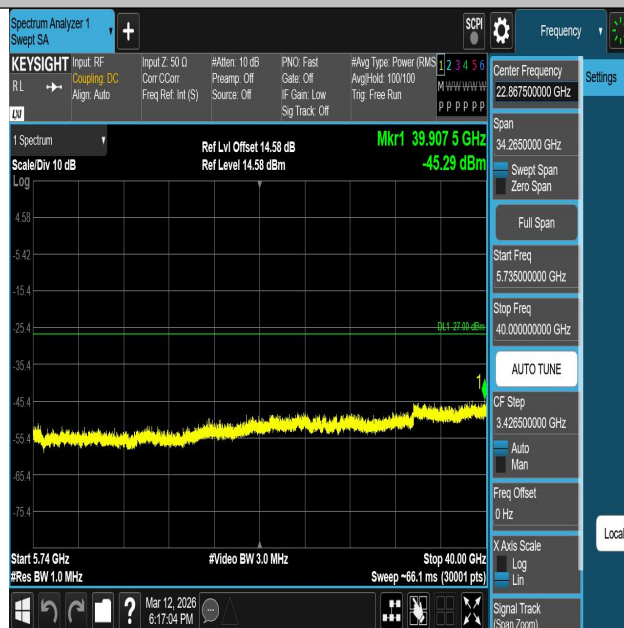
11A-Ant1-5500-30~5460-PASS



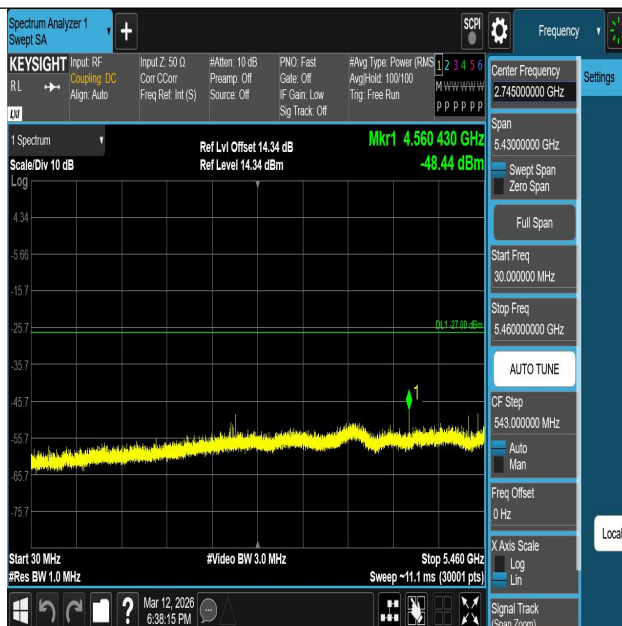
11A-Ant1-5500-5735~40000-PASS



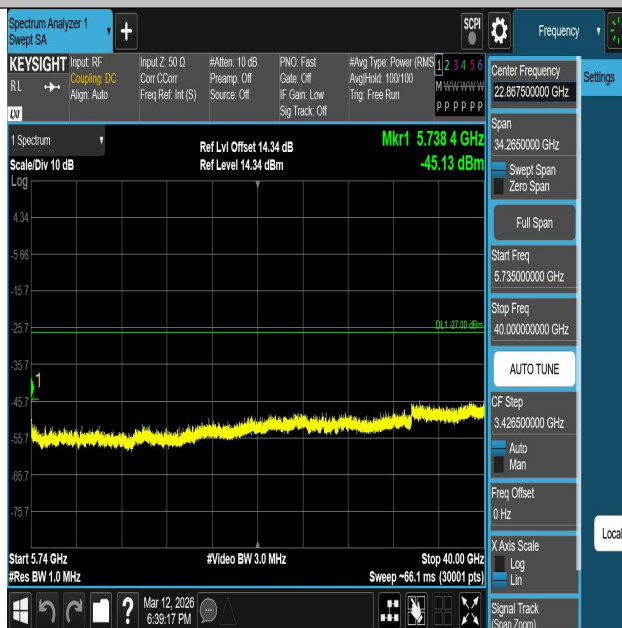
11A-Ant1-5580-30~5460-PASS



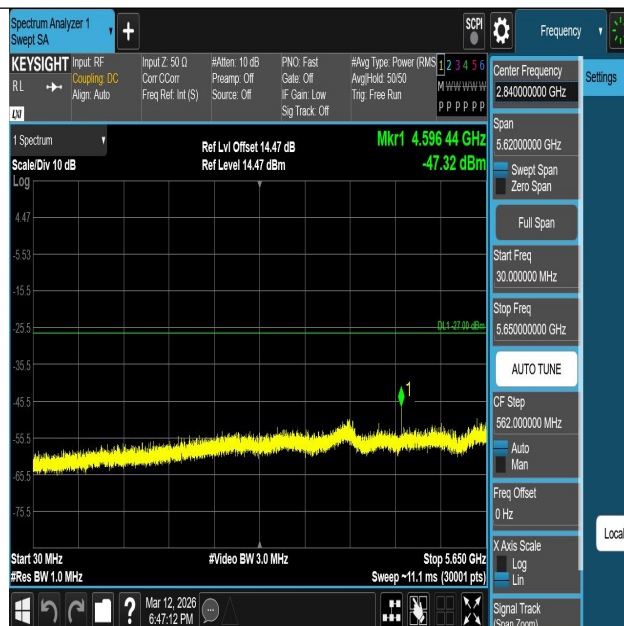
11A-Ant1-5580-5735~40000-PASS



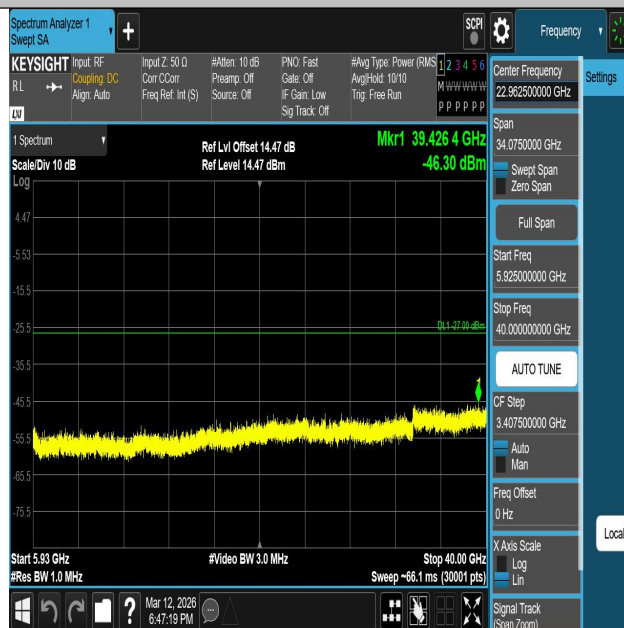
11A-Ant1-5700-30~5460-PASS



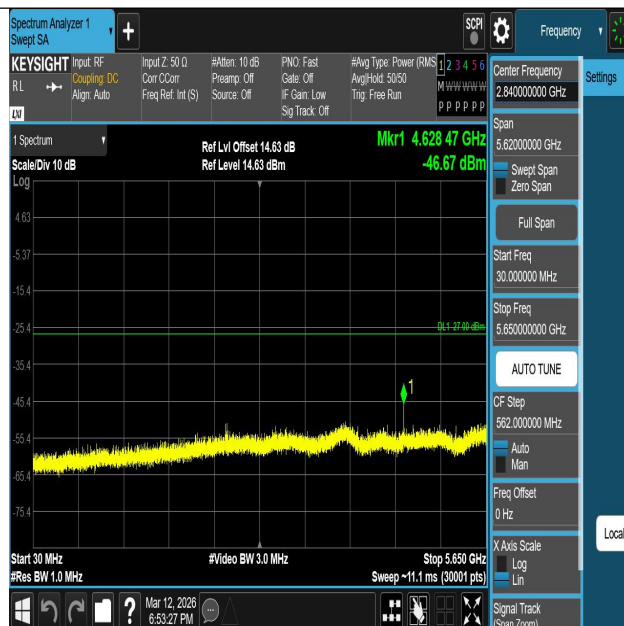
11A-Ant1-5700-5735~40000-PASS



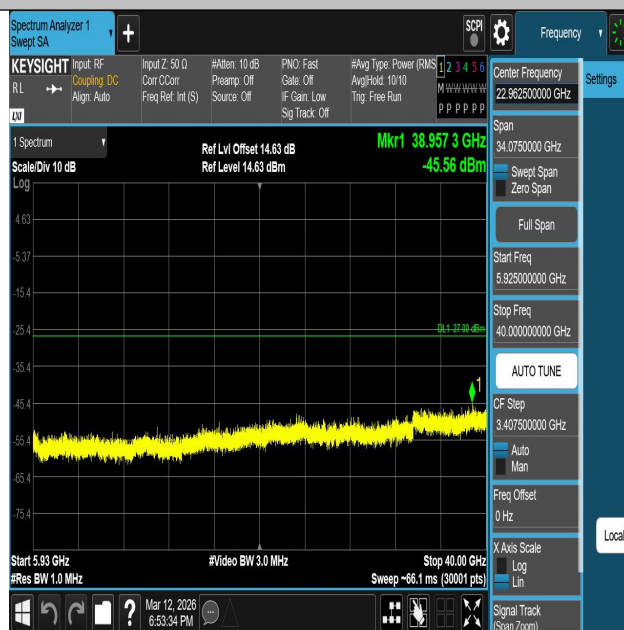
11A-Ant1-5745-30~5650-PASS



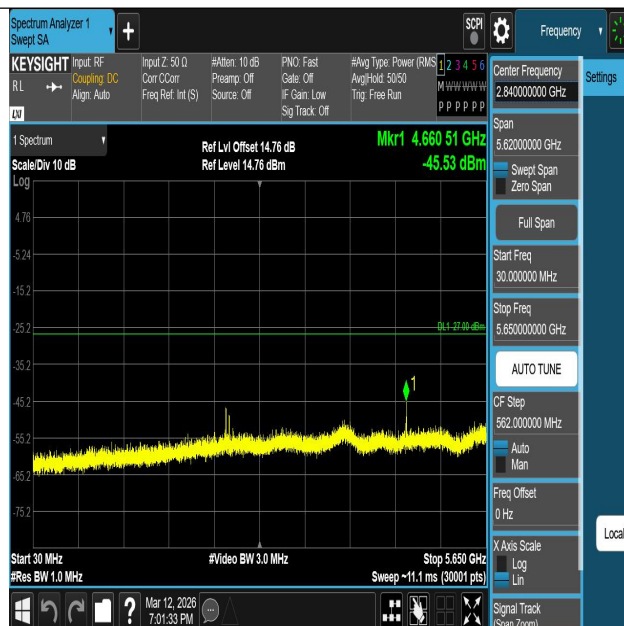
11A-Ant1-5745-5925~40000-PASS



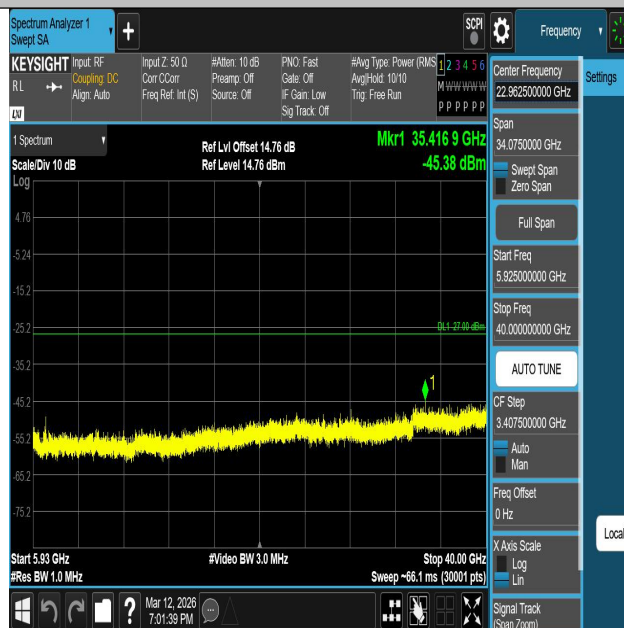
11A-Ant1-5785-30~5650-PASS



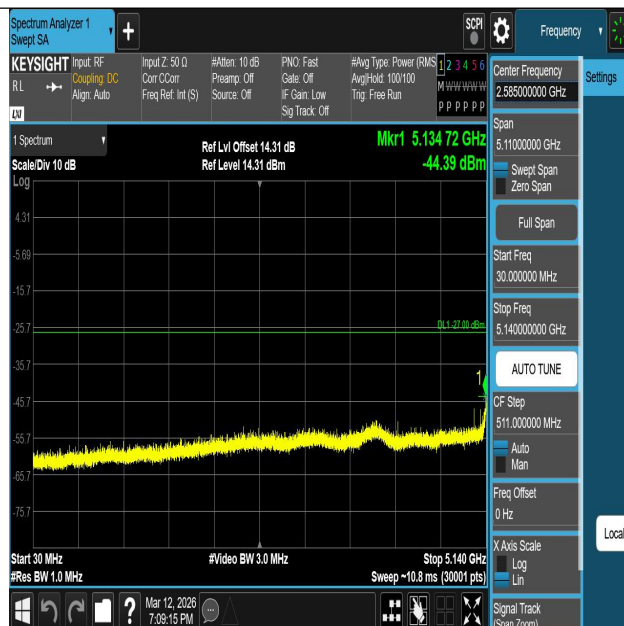
11A-Ant1-5785-5925~40000-PASS



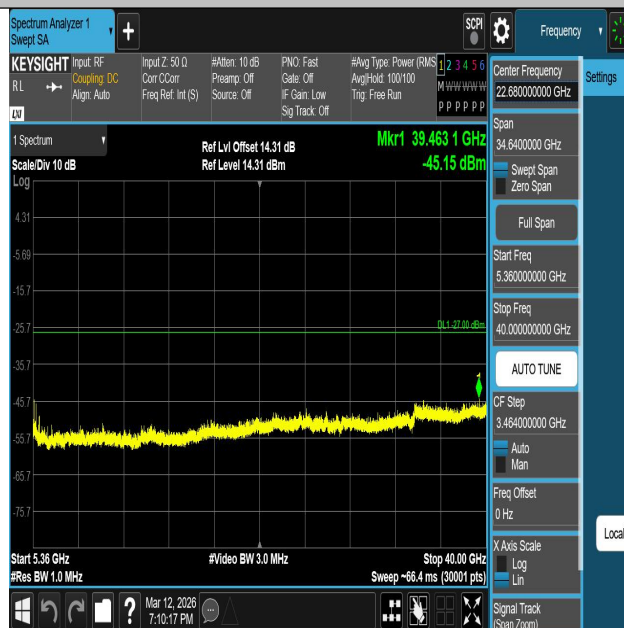
11A-Ant1-5825-30~5650-PASS



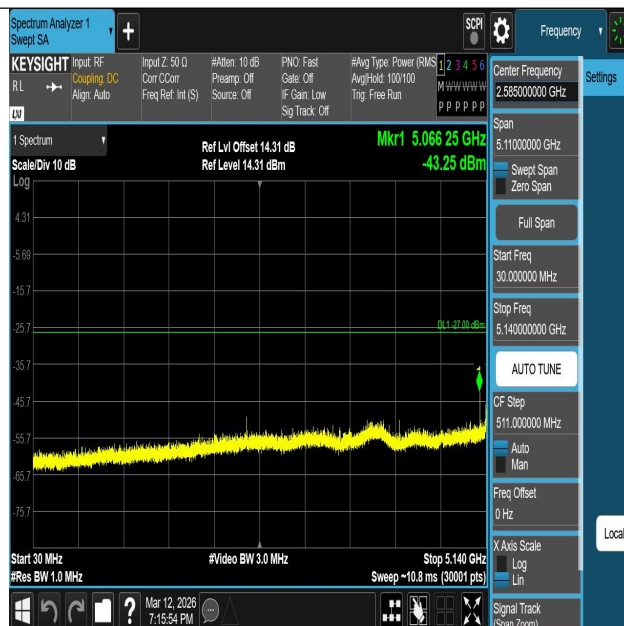
11A-Ant1-5825-5925~40000-PASS



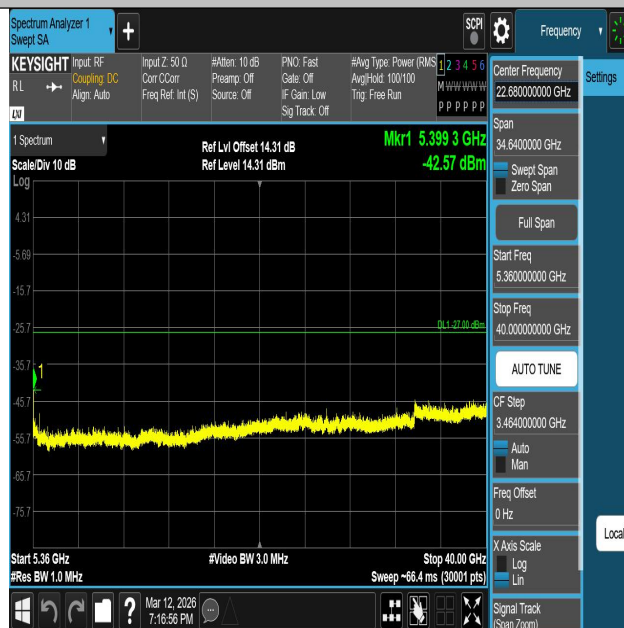
11N20SISO-Ant1-5180-30~5140-PASS



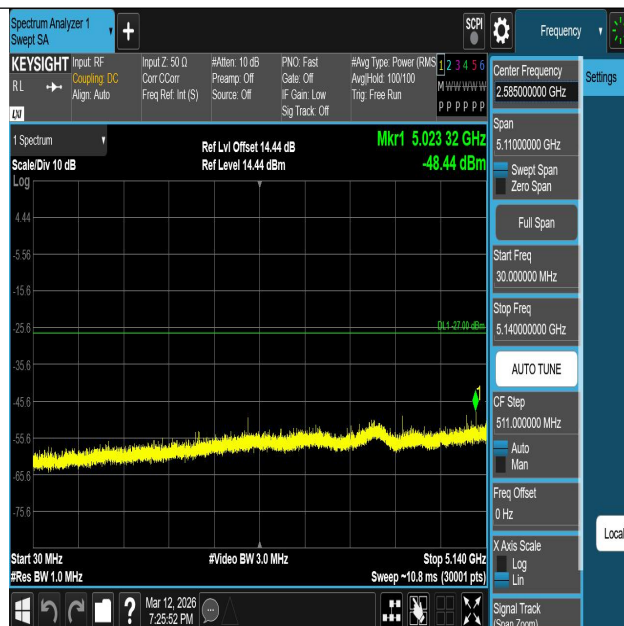
11N20SISO-Ant1-5180-5360~40000-PASS



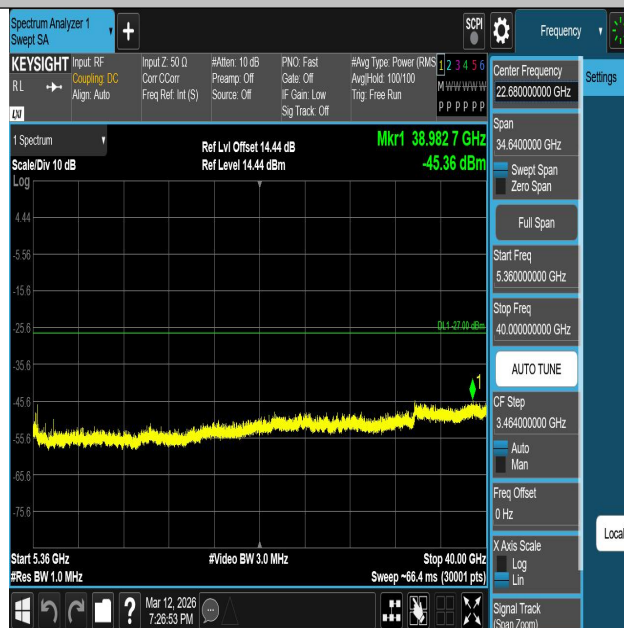
11N20SISO-Ant1-5200-30~5140-PASS



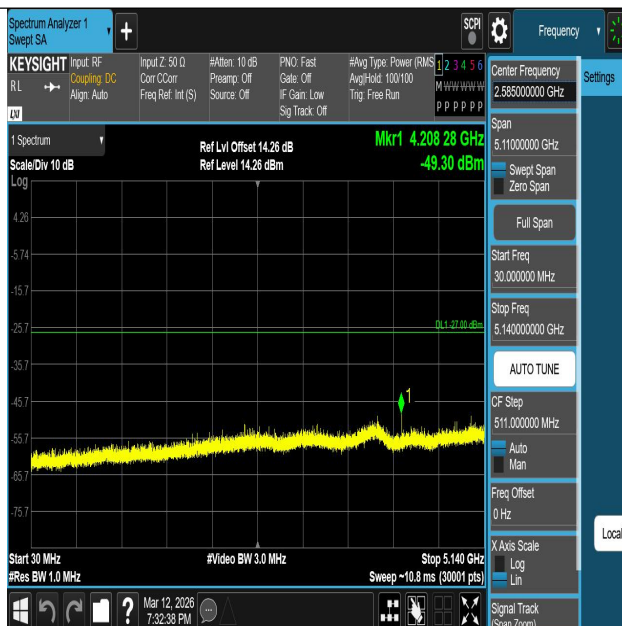
11N20SISO-Ant1-5200-5360~40000-PASS



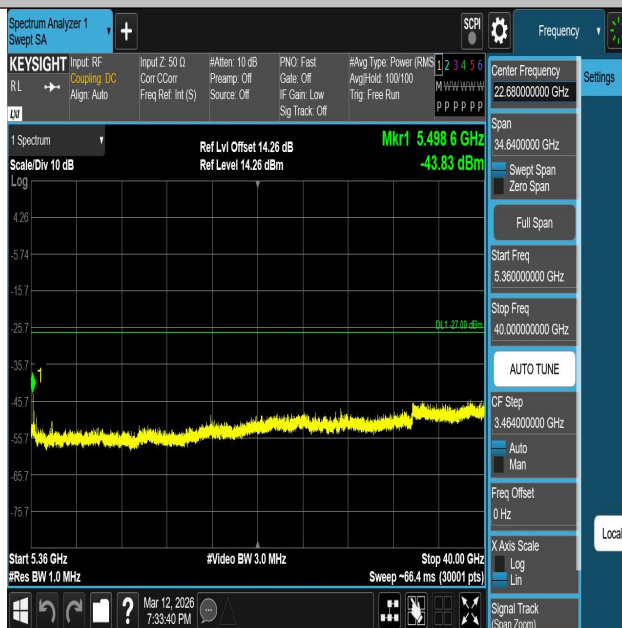
11N20SISO-Ant1-5240-30~5140-PASS



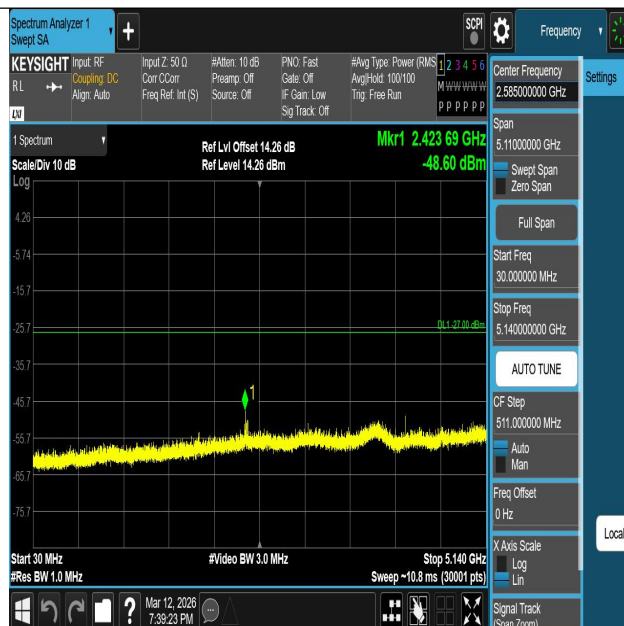
11N20SISO-Ant1-5240-5360~40000-PASS



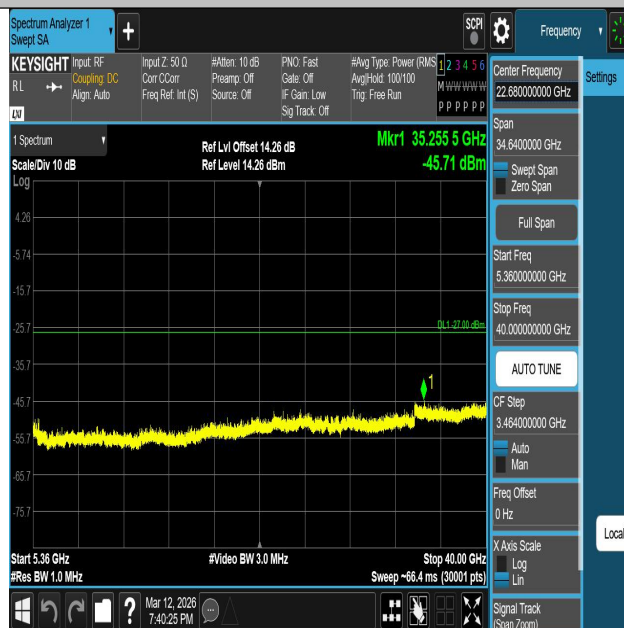
11N20SISO-Ant1-5260-30~5140-PASS



11N20SISO-Ant1-5260-5360~40000-PASS



11N20SISO-Ant1-5280-30~5140-PASS



11N20SISO-Ant1-5280-5360~40000-PASS