

RF TEST REPORT

FCC ID: 2BALL-EPC11C

Test Report No.....: RF260326671-03-001

Product(s) Name.....: Camtells Cee

Model(s).....: EPC11C

Trade Mark.....: N/A

Applicant.....: Chengdu EAPIL Technology Co.,Ltd

Address.....: Room 1505-1506, Pioneering Building G5, Innovation Center, 1858,
Middle Section of Yizhou Avenue, Gaoxin District, Chengdu,
China(Sichuan)Pilot Free Trade Zone

Receipt Date.....: 2026.05.12

Test Date.....: 2026.05.13 ~ 2026.06.02

Issued Date.....: 2026.06.11

Standards.....: 47 CFR FCC Part 15, Subpart C(Section 15.247);
ANSI C63.10:2020+Cor. 1-2023

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
Lemon He	Black Ding	Tim Zhang	
Lemon He	Black Ding	Tim.zhang	

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History of this test report

Original Report Issue Date: 2026.06.11

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Chengdu EAPIL Technology Co.,Ltd

Room 1505-1506, Pioneering Building G5, Innovation Center, 1858, Middle Section of Yizhou Avenue, Gaoxin District, Chengdu, China(Sichuan)Pilot Free Trade Zone

1.2 Manufacturer

Chengdu EAPIL Technology Co.,Ltd

Room 1505-1506, Pioneering Building G5, Innovation Center, 1858, Middle Section of Yizhou Avenue, Gaoxin District, Chengdu, China(Sichuan)Pilot Free Trade Zone

1.3 Basic Description of Equipment Under Test

Sample No.	POC260326671-S003	
Product name	Camtells Cee	
Model name	EPC11C	
Trade Mark	N/A	
Power supply	DC 5V from adapter	
Adapter information	Model name: AS24PD-05030000USC Input: 100-240V~ 50/60Hz, 0.6A MAX Output: 5.0V==3.0A	
Operate temperature	-10℃~45℃	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band and Conducted Output Power (Max power)	2400MHz ~ 2483.5MHz	●IEEE 802.11b:14.84dBm(3.05mW)
Product Type	IEEE 802.11b/g/n/ax: WLAN (SISO)	
Nominal Bandwidth	20MHz, 40MHz	
Modulation	DSSS, OFDM, OFDMA	
Data Rate (Mbps)	IEEE 802.11b mode: 1/2/5.5/11 IEEE 802.11g mode: 6/9/12/18/24/36/48/54 IEEE 802.11n mode: up to 150 IEEE 802.11ax mode: up to 286.8	
Antenna gain	0.86dBi	
Antenna type	FPC Antenna	

Eleven channels are provided for 802.11b, 802.11g, 802.11n20, 802.11ax20:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	01	2412MHz	07	2442MHz
	02	2417MHz	08	2447MHz
	03	2422MHz	09	2452MHz
	04	2427MHz	10	2457MHz
	05	2432MHz	11	2462MHz
	06	2437MHz	/	/

Seven channels are provided for 802.11n40, 802.11ax40:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	03	2422 MHz	07	2442MHz
	04	2427MHz	08	2447MHz
	05	2432MHz	09	2452MHz
	06	2437MHz	/	/

Note: For 802.11ax mode only support full RU mode.

1.4 Transmit Operating Mode

Transmit Operating Mode					Transmit Multiple Antennas					
☒	Operating mode 1 (single antenna)				☒	1TX				
☐	Operating mode 2 (multiple antenna, no beam forming)				☐	2TX	☐	3TX	☐	4TX
☐	Operating mode 3 (multiple antenna, with beam forming)				☐	2TX	☐	3TX	☐	4TX
☒	802.11b	Operating mode	☒	1TX	☐	2TX	☐	3TX		
☒	802.11g	Operating mode	☒	1TX	☐	2TX	☐	3TX		
☒	802.11n20	Operating mode	☒	1TX	☐	2TX	☐	3TX		
☒	802.11n40	Operating mode	☒	1TX	☐	2TX	☐	3TX		
☒	802.11ax20	Operating mode	☒	1TX	☐	2TX	☐	3TX		
☒	802.11ax40	Operating mode	☒	1TX	☐	2TX	☐	3TX		

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Test item	FCC Clause	Results	Remarks
AC Power Conducted Emission	15.207	Pass	Meet the requirement of the limit
Radiated Emission and Band Edge Measurement	15.205/15.209 /15.247(d)	Pass	Meet the requirement of the limit
Spurious Emission at Antenna Port	15.247(d)	Pass	Meet the requirement of the limit
6dB Bandwidth	15.247(a)(2)	Pass	Meet the requirement of the limit
Maximum Conducted Power	15.247(b)	Pass	Meet the requirement of the limit
Power Spectral Density	15.247(e)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note
Note: The EUT has one FPC antenna arrangement which was permanently attached.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart C (Section 15.247)

KDB 558074 D01 15.247 Meas Guidance v05r02

ANSI C63.10:2020+Cor. 1-2023

2.3 Test Instruments

No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
Radiated Emission							
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2026/2/27	2027/2/26
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2028/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2026/2/27	2027/2/26
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2026/2/27	2027/2/26
5	Horn Antenna	SCHWARZBECK	BBHA 9120 D	02670	JLE028	2025/4/12	2028/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2026/4/8	2027/4/7
7	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	SCHWARZBECK	FMZB1519B	00029	JLE030	2024/7/15	2027/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2026/2/27	2027/2/26
10	Filter	dsusoft	ZBSF6-C5170-5330-544	07227557	/	N/A	N/A
11	Filter	dsusoft	ZBSF6-C5495-5705-1309	07227558	/	N/A	N/A
12	Filter	dsusoft	ZBSF6-C5745-5830-1310	07227559	/	N/A	N/A
13	Filter	dsusoft	ZBSF6-C2400-2483.5-543	07227559	/	N/A	N/A
14	10dB attenuator	dsusoft	10dB	/	/	N/A	N/A
15	Filter	dsusoft	ZBSF6-C3000-18000-174	07227597	/	N/A	N/A
16	Filter	dsusoft	ZBSF6-C6500-18000-547	07227595	/	N/A	N/A
17	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
RF Conducted Emissions							
1	MXA Signal Analyzer	Keysight	N9010A	MY51440158	JLE087	2025/9/15	2026/9/14
2	MXA Signal Analyzer	Agilent	N9020A	MY52220022	JLE090	2026/1/19	2027/1/18
3	RF Control Unit	dsusoft	JS0806-2	21G8060449	JLE053	2026/2/27	2027/2/26
4	power supply unit	dsusoft	JS0806-4ADC	N/A	JLE055	2026/2/27	2027/2/26
5	VXG Signal Generator	Keysight	N5182B	MY59100855	JLE068	2026/4/8	2027/4/7
6	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2026/2/27	2027/2/26
7	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K50-116064-Dt	JLE054	2026/2/27	2027/2/26
8	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				

2.4 Test Mode

Test Items	Mode	Data Rate	Channel
AC Power Conducted Emission	802.11b	1Mbps	06
Radiated Emission and Band Edge Measurement	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20SISO	MCS0	01/06/11
	802.11n40SISO	MCS0	03/06/09
	802.11ax20SISO	MCS0	01/06/11
	802.11ax40SISO	MCS0	03/06/09
Spurious Emission at Antenna Port	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20SISO	MCS0	01/06/11
	802.11n40SISO	MCS0	03/06/09
	802.11ax20SISO	MCS0	01/06/11
	802.11ax40SISO	MCS0	03/06/09
6dB Bandwidth	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20SISO	MCS0	01/06/11
	802.11n40SISO	MCS0	03/06/09
	802.11ax20SISO	MCS0	01/06/11
	802.11ax40SISO	MCS0	03/06/09
Maximum Conducted Power	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20SISO	MCS0	01/06/11
	802.11n40SISO	MCS0	03/06/09
	802.11ax20SISO	MCS0	01/06/11
	802.11ax40SISO	MCS0	03/06/09
Power Spectral Density	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20SISO	MCS0	01/06/11
	802.11n40SISO	MCS0	03/06/09
	802.11ax20SISO	MCS0	01/06/11
	802.11ax40SISO	MCS0	03/06/09

Note: For AC Power Conducted Emission and Radiated Emission below 1GHz, only worst case was recorded.

2.5 Test Condition

Applicable to	Environmental conditions	Input Power	Tested by
Radiated Emission and Band Edge Measurement	23.2°C, 54% RH	DC 5V	Keith Huang
Spurious Emission at Antenna Port	22.9°C, 56% RH	DC 5V	Lemon He
6dB Bandwidth	22.9°C, 56% RH	DC 5V	Lemon He
Maximum Conducted Power	22.9°C, 56% RH	DC 5V	Lemon He
Power Spectral Density	22.9°C, 56% RH	DC 5V	Lemon He

2.6 Duty Cycle of Test Signal

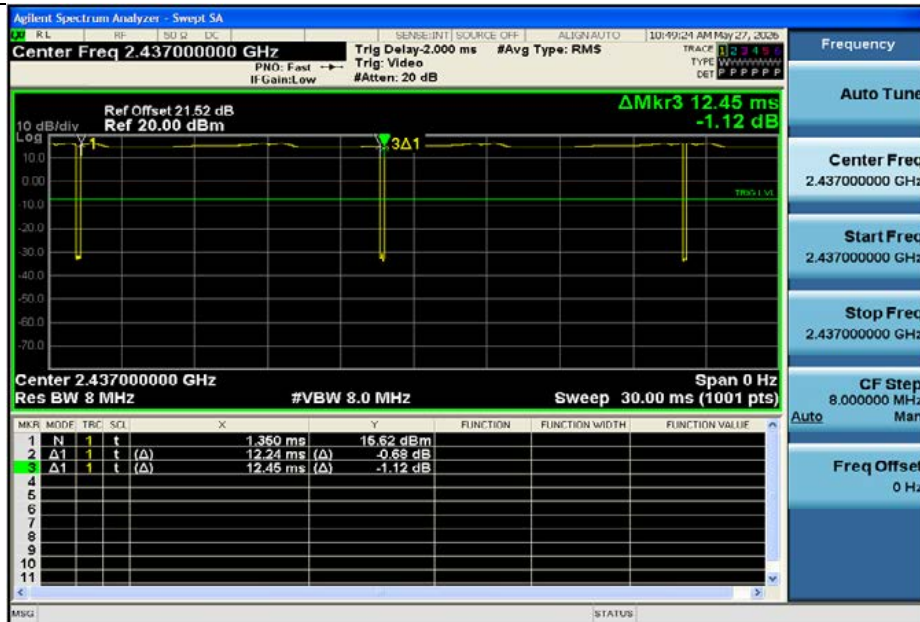
If duty cycle is $\geq 98\%$, duty factor is not required.

If duty cycle is $< 98\%$, duty factor shall be considered.

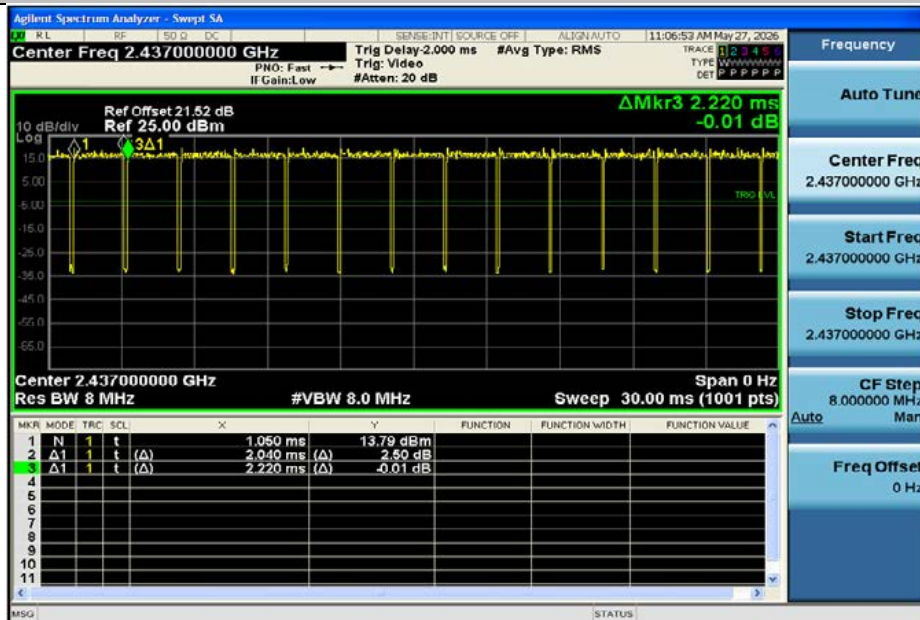
All the duty factor of other test mode have been considered.

Test Mode	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	2437	12.24	12.45	98.31
11G	2437	2.04	2.22	91.89
11N20SISO	2437	1.89	2.07	91.30
11N40SISO	2437	0.93	1.14	81.58
11AX20SISO	2437	1.47	1.80	81.67
11AX40SISO	2437	0.75	0.96	78.13

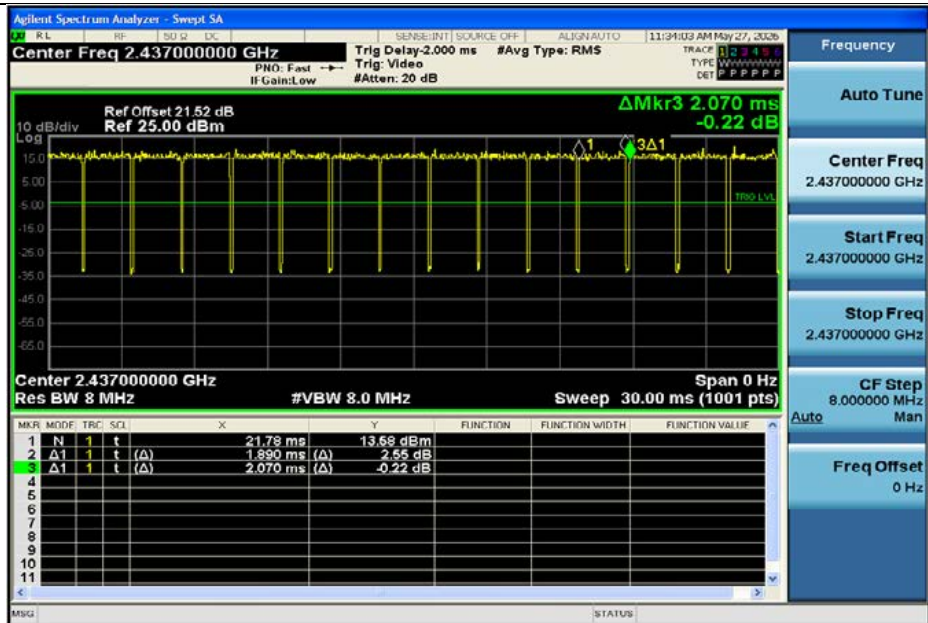
Test Graphs



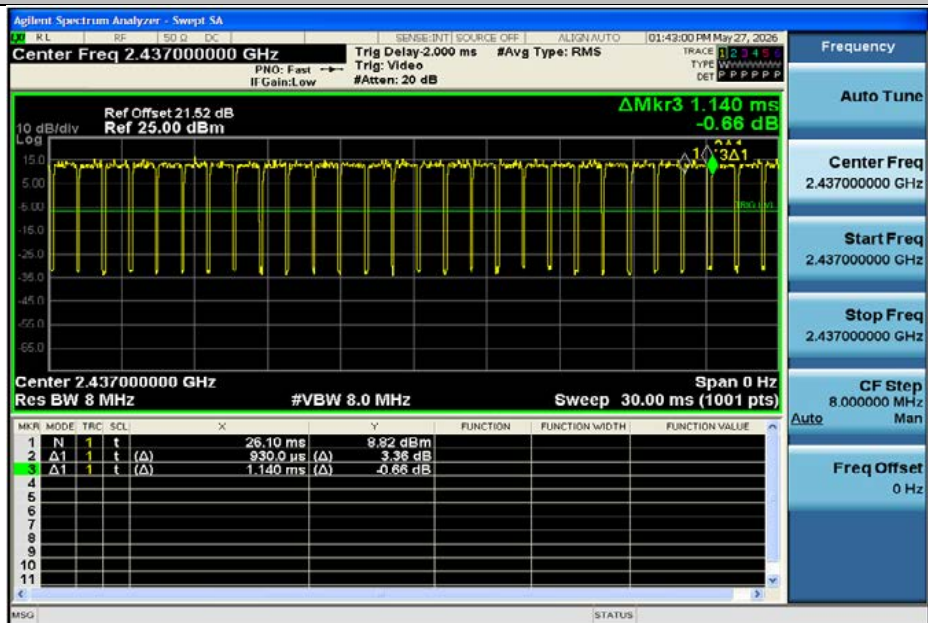
NTNV-11B-Ant1-2437



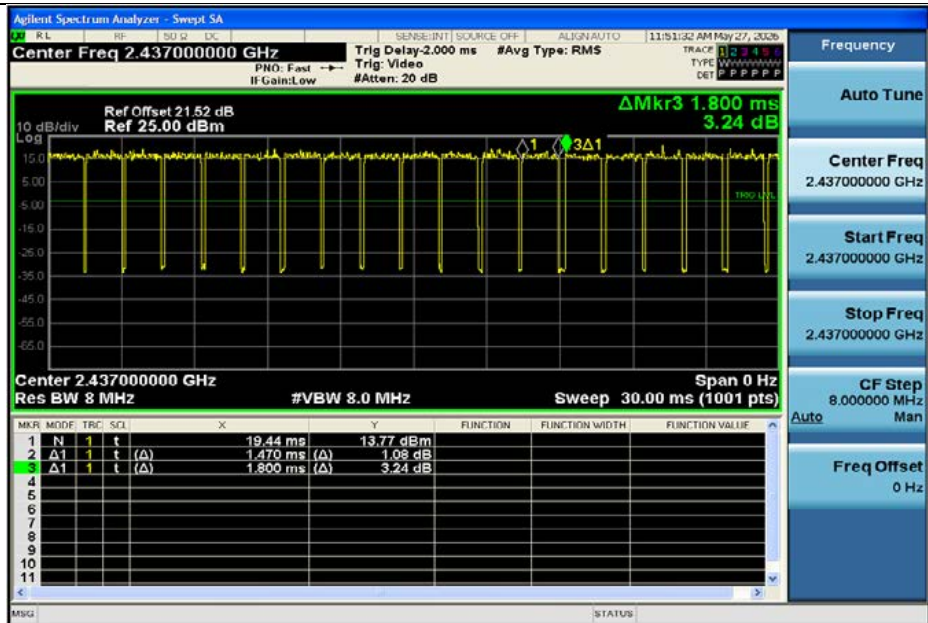
NTNV-11G-Ant1-2437



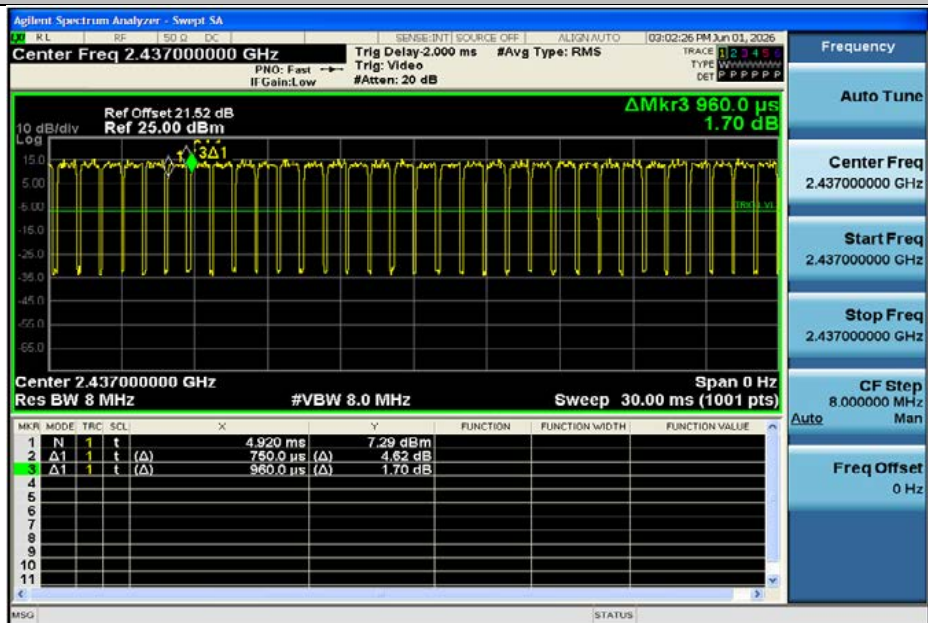
NTNV-11N20SISO-Ant1-2437



NTNV-11N40SISO-Ant1-2437



NTNV-11AX20SISO-Ant1-2437



NTNV-11AX40SISO-Ant1-2437

2.7 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	±102kHz
RF power conducted	±0.243dB
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
Conducted emission(9kHz~30MHz) AC main	±2.68dB
Radiated emission(9kHz~30MHz)	±3.50dB
Radiated emission (30MHz~1GHz)	±4.20dB
Radiated emission (1GHz~18GHz)	±5.10dB
Radiated emission (18GHz~40GHz)	±5.26dB

2.8 Test Location

Company:	Shenzhen Haiyun Standard Technical Co., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
FCC Designation Number	CN1340
CAB identifier	CN0145
A2LA Certificate Number	6823.01

2.9 Description of Support Units

No.	Equipment	Model	Manufacturer	Series No
1	PC	M4500T	Thinkpad	M032004854IT

3. Test Procedure And Results

3.1 AC Power Line Conducted Emission

3.1.1 Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

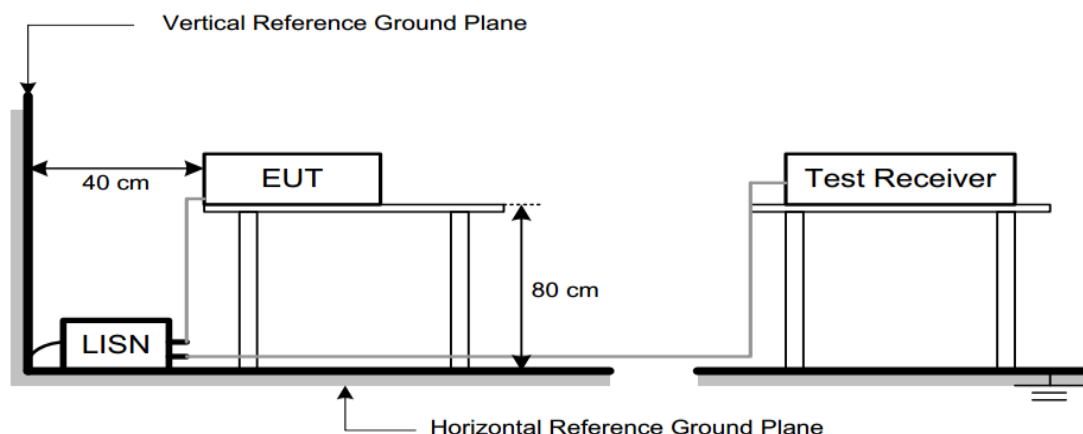
3.1.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☐ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme

Note: ● : Test ○ : No Test

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

3.1.3 Test Setup

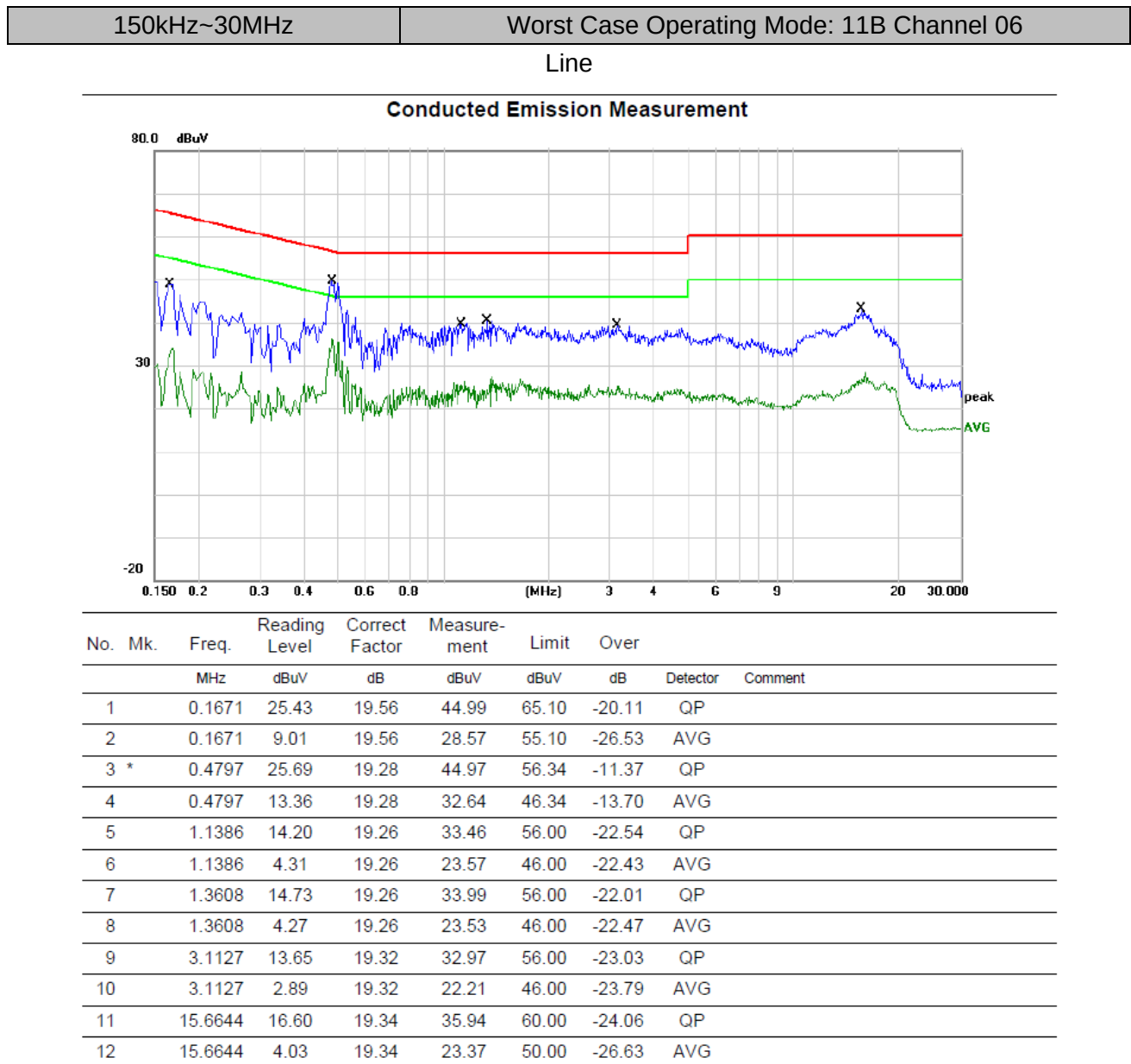


3.1.4 Test Result

Note:

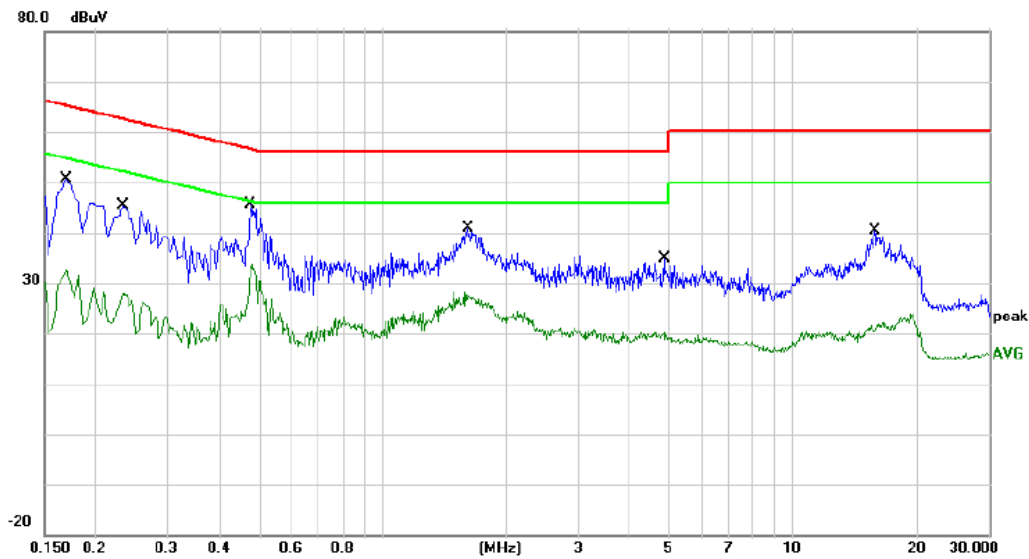
1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading + Correct Factor.
3. Over = Measurement – Limit

We only recorded the data of the worst mode. Please see the following:



Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1692	27.09	19.50	46.59	65.00	-18.41	QP	
2		0.1692	9.85	19.50	29.35	55.00	-25.65	AVG	
3		0.2327	20.25	19.56	39.81	62.35	-22.54	QP	
4		0.2327	4.56	19.56	24.12	52.35	-28.23	AVG	
5		0.4785	20.98	19.56	40.54	56.37	-15.83	QP	
6	*	0.4785	11.40	19.56	30.96	46.37	-15.41	AVG	
7		1.5990	16.37	19.52	35.89	56.00	-20.11	QP	
8		1.5990	6.42	19.52	25.94	46.00	-20.06	AVG	
9		4.8565	7.79	19.43	27.22	56.00	-28.78	QP	
10		4.8565	-0.37	19.43	19.06	46.00	-26.94	AVG	
11		15.8710	5.27	19.42	24.69	60.00	-35.31	QP	
12		15.8710	-1.42	19.42	18.00	50.00	-32.00	AVG	

3.2 Radiated Emission and Band Edge

3.2.1 Limit

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequency (MHz)	Distance Meters(m)	Field Strength Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 – 0.49	300	$2400/\text{F}(\text{kHz})$	-
0.490 – 1.705	30	$24000/\text{F}(\text{kHz})$	-
1.705 – 30	30	30	-
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Note: (1) Emission level $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.2.2 Test Procedure

Test Method	
☐ Conducted Measurement	☒ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

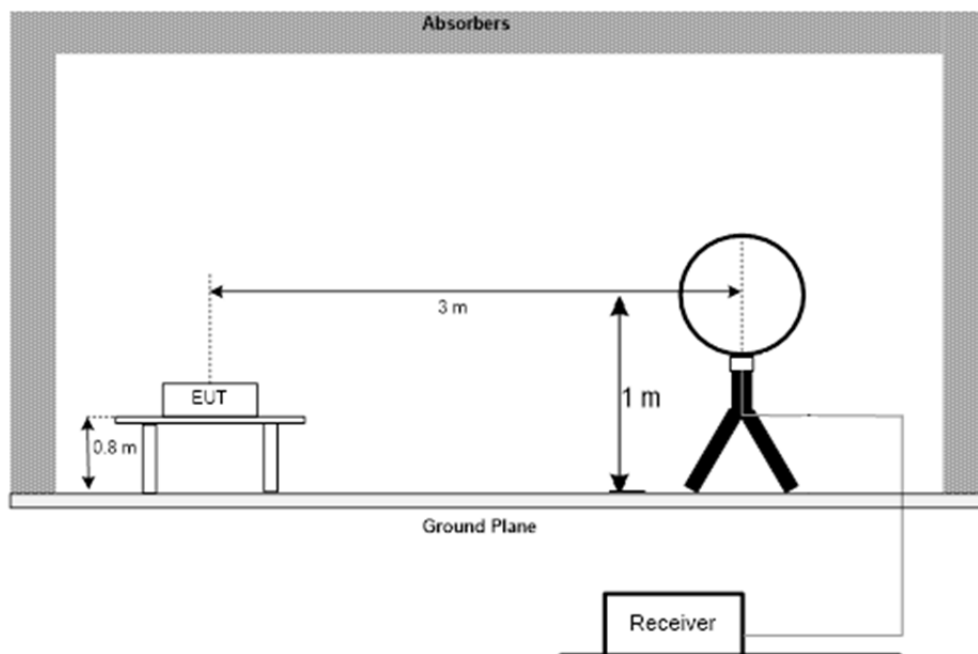
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- The measuring distance of 3 m or 1.5m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna

was tuned to heights find the maximum reading (used Bore sight function).

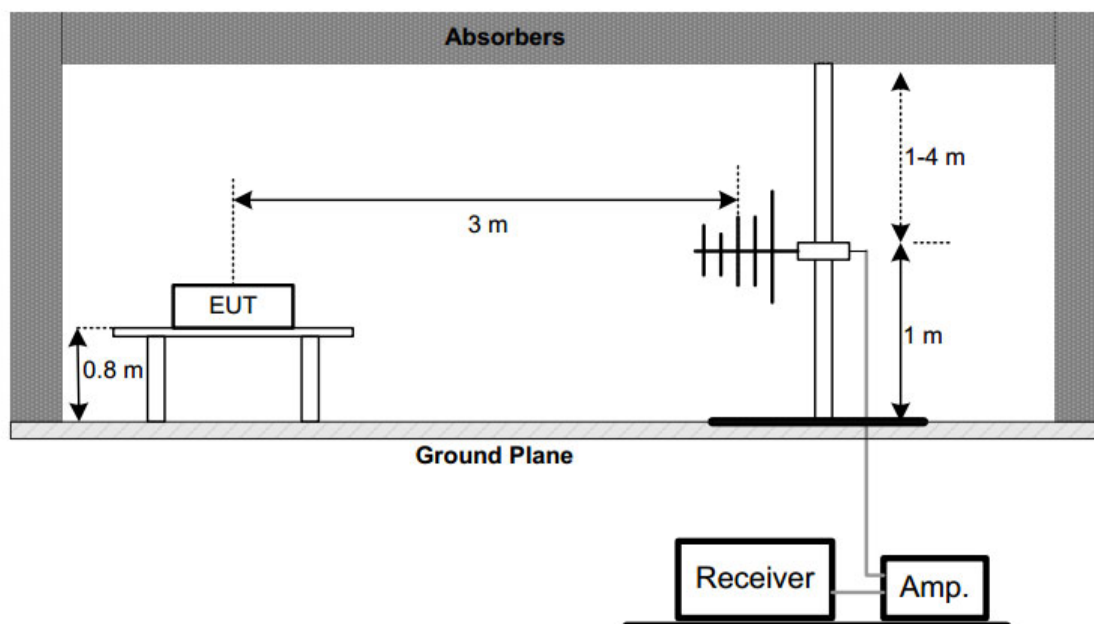
- e) The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f) The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g) All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- h) All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i) For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.2.3 Test Setup

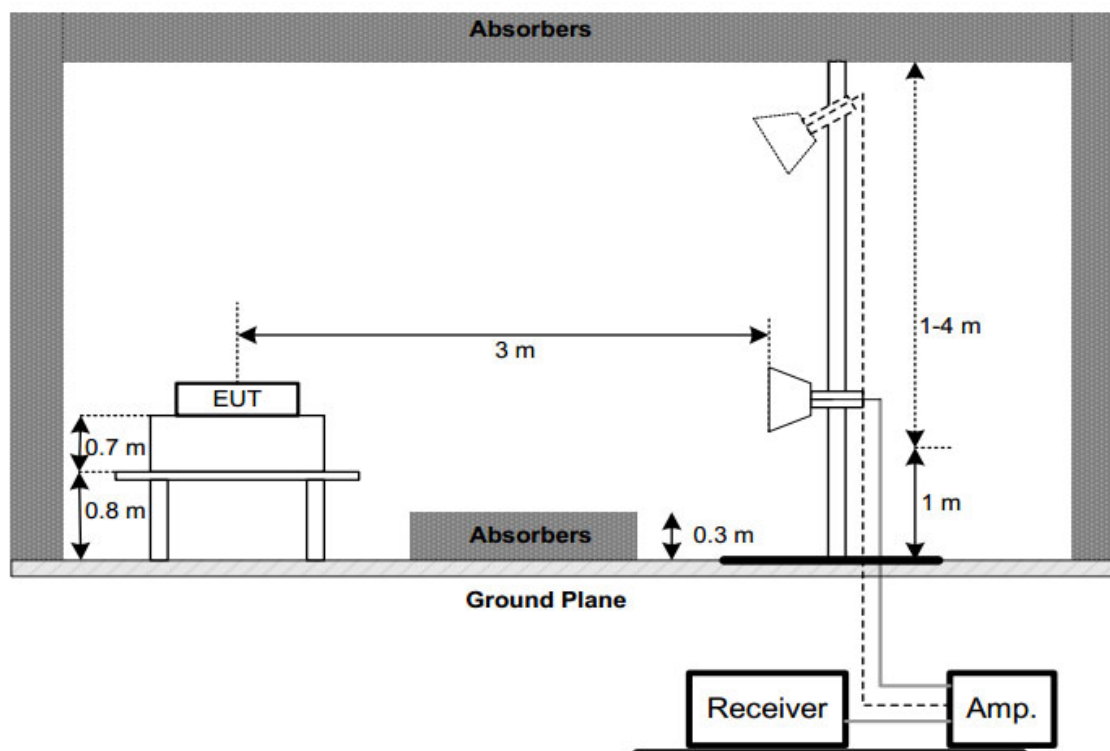
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(B) Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



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



3.2.4 Test Result

1) Radiated emission: 9kHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

2) Radiated emission: 30MHz-1GHz

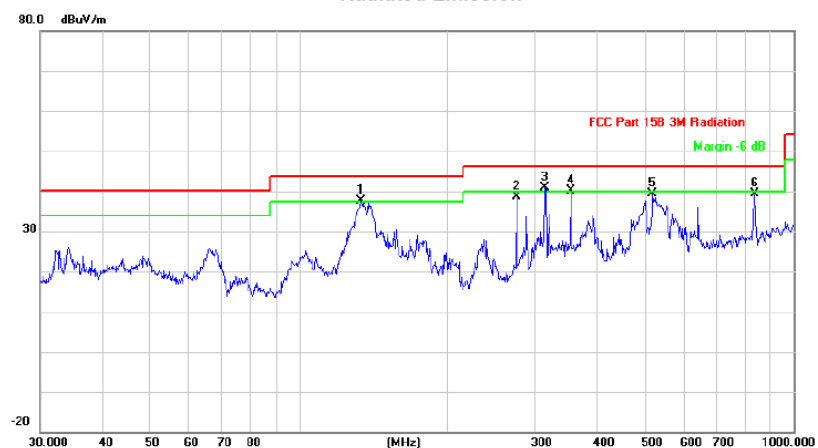
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

We only recorded the data of the worst mode. Please see the following:

VERTICAL

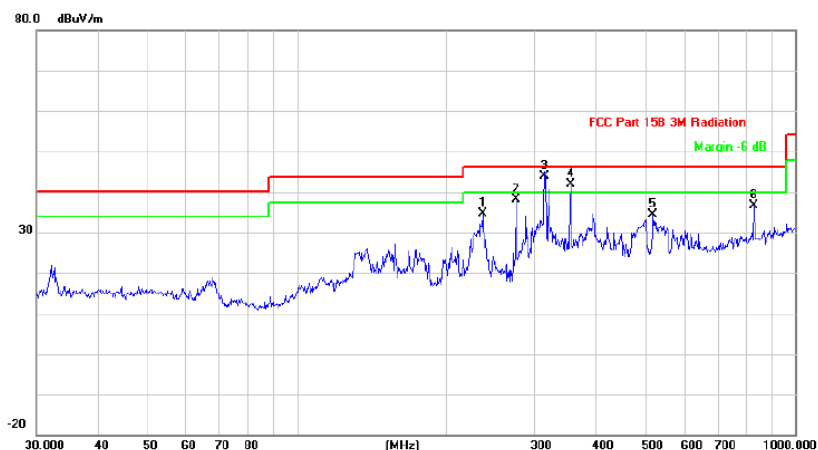
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	I	133.6188	48.27	-10.74	37.53	43.50	-5.97	peak
2		275.1570	49.54	-10.96	38.58	46.00	-7.42	peak
3	*	314.3764	50.71	-9.95	40.76	46.00	-5.24	peak
4	I	354.1831	48.80	-8.74	40.06	46.00	-5.94	peak
5		519.0650	44.28	-4.81	39.47	46.00	-6.53	peak
6		836.2443	38.62	0.64	39.26	46.00	-6.74	peak

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		235.8163	46.98	-12.26	34.72	46.00	-11.28	peak
2		275.1570	49.21	-10.96	38.25	46.00	-7.75	peak
3	*	314.3764	53.75	-9.95	43.80	46.00	-2.20	QP
4	I	354.1831	50.55	-8.74	41.81	46.00	-4.19	peak
5		519.0650	39.27	-4.81	34.46	46.00	-11.54	peak
6		827.4934	36.14	0.59	36.73	46.00	-9.27	peak

3) Radiated emission: Above 1GHz

Frequency (MHz)	Read Level (dBμV)	Polarization	Factor (dB/m)	Measurement (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
11B TX CH01							
4824.00	49.78	H	-4.12	45.66	74.00	28.34	peak
2310.00	46.20	H	-1.98	44.22	74.00	29.78	peak
2390.00	47.06	H	-1.58	45.48	74.00	28.52	peak
4824.00	50.43	V	-4.12	46.31	74.00	27.69	peak
2310.00	46.34	V	-1.98	44.36	74.00	29.64	peak
2390.00	47.63	V	-1.58	46.05	74.00	27.95	peak
11B TX CH06							
4874.00	49.83	H	-4.04	45.79	74.00	28.21	peak
4874.00	50.50	V	-4.04	46.46	74.00	27.54	peak
11B TX CH11							
4924.00	49.43	H	-3.82	45.61	74.00	28.39	peak
2483.50	45.95	H	-0.62	45.33	74.00	28.67	peak
2500.00	45.03	H	-0.45	44.58	74.00	29.42	peak
4924.00	50.08	V	-3.82	46.26	74.00	27.74	peak
2483.50	46.61	V	-0.62	45.99	74.00	28.01	peak
2500.00	44.99	V	-0.45	44.54	74.00	29.46	peak
11G TX CH01							
4824.00	49.56	H	-4.12	45.44	74.00	28.56	peak
2310.00	46.15	H	-1.98	44.17	74.00	29.83	peak
2390.00	47.21	H	-1.58	45.63	74.00	28.37	peak
4824.00	50.25	V	-4.12	46.13	74.00	27.87	peak
2310.00	46.24	V	-1.98	44.26	74.00	29.74	peak
2390.00	47.76	V	-1.58	46.18	74.00	27.82	peak
11G TX CH06							
4874.00	49.68	H	-4.04	45.64	74.00	28.36	peak
4874.00	50.31	V	-4.04	46.27	74.00	27.73	peak
11G TX CH11							
4924.00	49.31	H	-3.82	45.49	74.00	28.51	peak
2483.50	46.33	H	-0.62	45.71	74.00	28.29	peak
2500.00	45.14	H	-0.45	44.69	74.00	29.31	peak
4924.00	50.19	V	-3.82	46.37	74.00	27.63	peak
2483.50	46.73	V	-0.62	46.11	74.00	27.89	peak
2500.00	45.41	V	-0.45	44.96	74.00	29.04	peak

11N20SISO TX CH01							
4824.00	49.63	H	-4.12	45.51	74.00	28.49	peak
2310.00	46.10	H	-1.98	44.12	74.00	29.88	peak
2390.00	47.31	H	-1.58	45.73	74.00	28.27	peak
4824.00	50.29	V	-4.12	46.17	74.00	27.83	peak
2310.00	46.27	V	-1.98	44.29	74.00	29.71	peak
2390.00	47.89	V	-1.58	46.31	74.00	27.69	peak
11N20SISO TX CH06							
4874.00	49.62	H	-4.04	45.58	74.00	28.42	peak
4874.00	50.25	V	-4.04	46.21	74.00	27.79	peak
11N20SISO TX CH11							
4924.00	49.25	H	-3.82	45.43	74.00	28.57	peak
2483.50	46.40	H	-0.62	45.78	74.00	28.22	peak
2500.00	45.28	H	-0.45	44.83	74.00	29.17	peak
4924.00	50.01	V	-3.82	46.19	74.00	27.81	peak
2483.50	46.87	V	-0.62	46.25	74.00	27.75	peak
2500.00	45.52	V	-0.45	45.07	74.00	28.93	peak
11N40SISO TX CH03							
4844.00	49.64	H	-4.31	45.33	74.00	28.67	peak
2310.00	46.04	H	-1.98	44.06	74.00	29.94	peak
2390.00	47.79	H	-1.58	46.21	74.00	27.79	peak
4844.00	50.35	V	-4.31	46.04	74.00	27.96	peak
2310.00	46.11	V	-1.98	44.13	74.00	29.87	peak
2390.00	48.53	V	-1.58	46.95	74.00	27.05	peak
11N40SISO TX CH06							
4874.00	49.40	H	-4.04	45.36	74.00	28.64	peak
4874.00	50.16	V	-4.04	46.12	74.00	27.88	peak
11N40SISO TX CH09							
4904.00	49.15	H	-3.73	45.42	74.00	28.58	peak
2483.50	47.19	H	-0.62	46.57	74.00	27.43	peak
2500.00	45.44	H	-0.45	44.99	74.00	29.01	peak
4904.00	49.93	V	-3.73	46.20	74.00	27.80	peak
2483.50	47.87	V	-0.62	47.25	74.00	26.75	peak
2500.00	45.84	V	-0.45	45.39	74.00	28.61	peak

11AX20SISO TX CH01							
4824.00	49.56	H	-4.12	45.44	74.00	28.56	peak
2310.00	46.13	H	-1.98	44.15	74.00	29.85	peak
2390.00	46.96	H	-1.58	45.38	74.00	28.62	peak
4824.00	50.40	V	-4.12	46.28	74.00	27.72	peak
2310.00	46.23	V	-1.98	44.25	74.00	29.75	peak
2390.00	47.80	V	-1.58	46.22	74.00	27.78	peak
11AX20SISO TX CH06							
4874.00	49.51	H	-4.04	45.47	74.00	28.53	peak
4874.00	50.27	V	-4.04	46.23	74.00	27.77	peak
11AX20SISO TX CH11							
4924.00	49.20	H	-3.82	45.38	74.00	28.62	peak
2483.50	46.27	H	-0.62	45.65	74.00	28.35	peak
2500.00	45.37	H	-0.45	44.92	74.00	29.08	peak
4924.00	49.97	V	-3.82	46.15	74.00	27.85	peak
2483.50	47.03	V	-0.62	46.41	74.00	27.59	peak
2500.00	45.61	V	-0.45	45.16	74.00	28.84	peak
11AX40SISO TX CH03							
4844.00	49.68	H	-4.31	45.37	74.00	28.63	peak
2310.00	46.07	H	-1.98	44.09	74.00	29.91	peak
2390.00	47.95	H	-1.58	46.37	74.00	27.63	peak
4844.00	50.39	V	-4.31	46.08	74.00	27.92	peak
2310.00	46.18	V	-1.98	44.20	74.00	29.80	peak
2390.00	48.61	V	-1.58	47.03	74.00	26.97	peak
11AX40SISO TX CH06							
4874.00	49.47	H	-4.04	45.43	74.00	28.57	peak
4874.00	50.26	V	-4.04	46.22	74.00	27.78	peak
11AX40SISO TX CH09							
4904.00	49.08	H	-3.73	45.35	74.00	28.65	peak
2483.50	47.33	H	-0.62	46.71	74.00	27.29	peak
2500.00	45.59	H	-0.45	45.14	74.00	28.86	peak
4904.00	50.07	V	-3.73	46.34	74.00	27.66	peak
2483.50	48.08	V	-0.62	47.46	74.00	26.54	peak
2500.00	45.96	V	-0.45	45.51	74.00	28.49	peak

Note: 1. The other emission levels were very low against the limit.
2. Measurement = Reading Level+ Correct Factor, Margin = Limit- Measurement

3.3 Spurious Emission at Antenna Port

3.3.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

3.3.2 Test Procedure

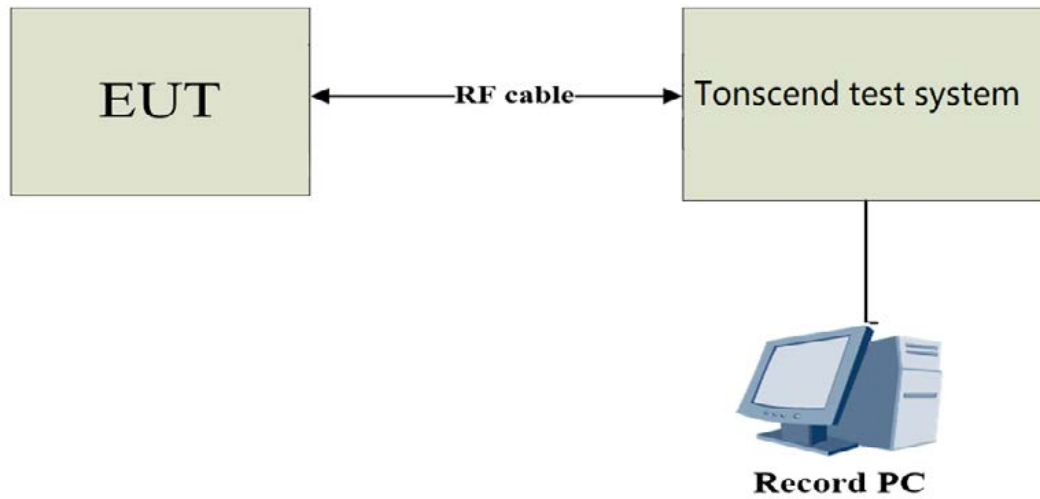
Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) Spectrum Setting as below:

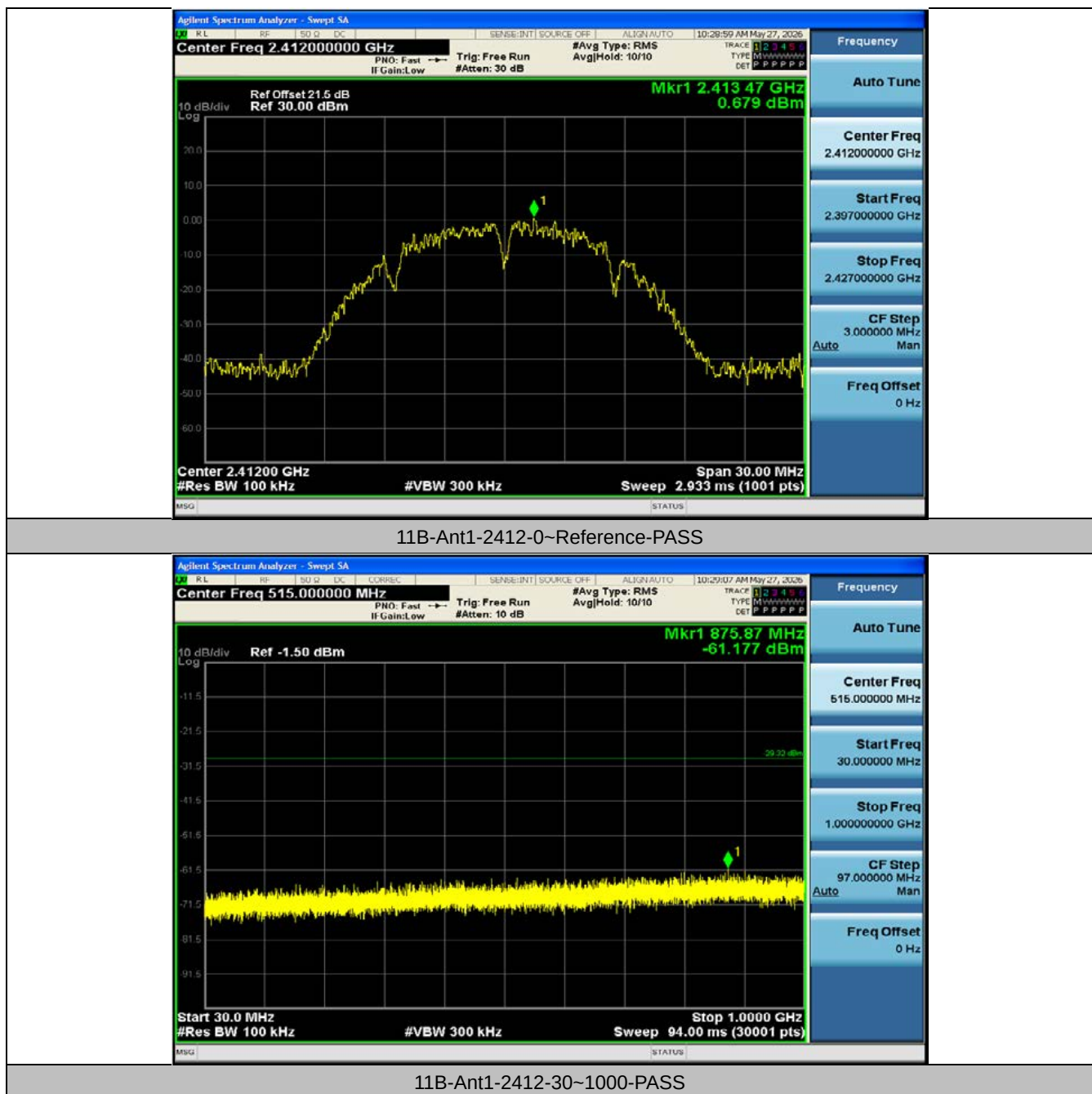
Centre Frequency	The centre frequency of the channel under test
Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.3.3 Test Setup



3.3.4 The Result

Conducted Spurious Emission

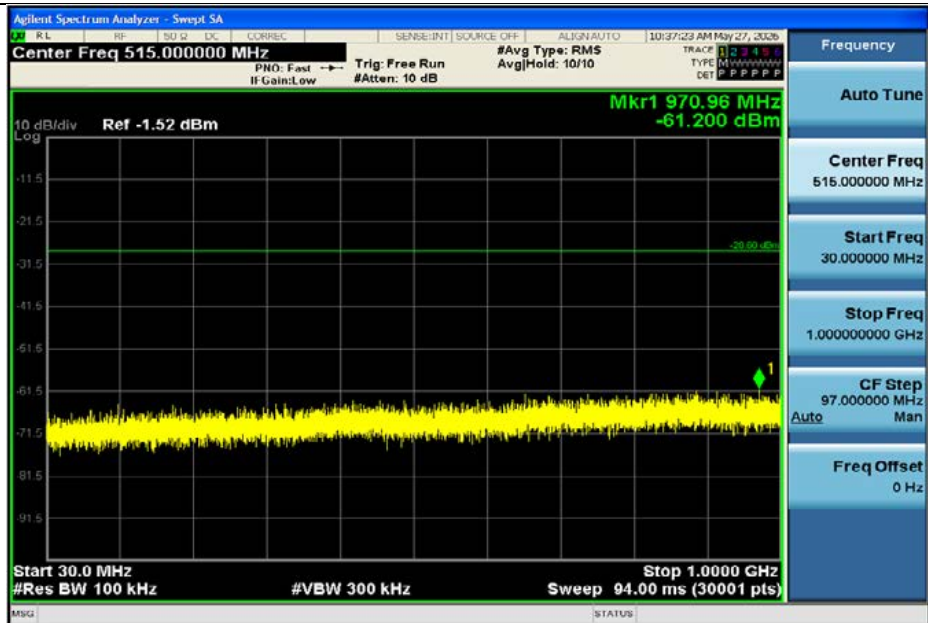




11B-Ant1-2412-1000~26500-PASS



11B-Ant1-2437-0~Reference-PASS



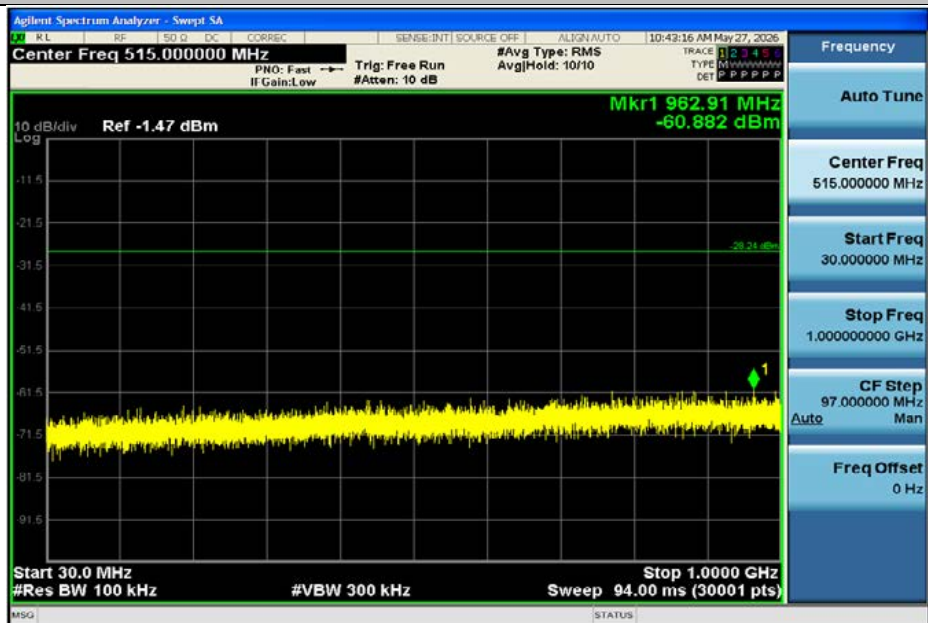
11B-Ant1-2437-30~1000-PASS



11B-Ant1-2437-1000~26500-PASS



11B-Ant1-2462-0-Reference-PASS



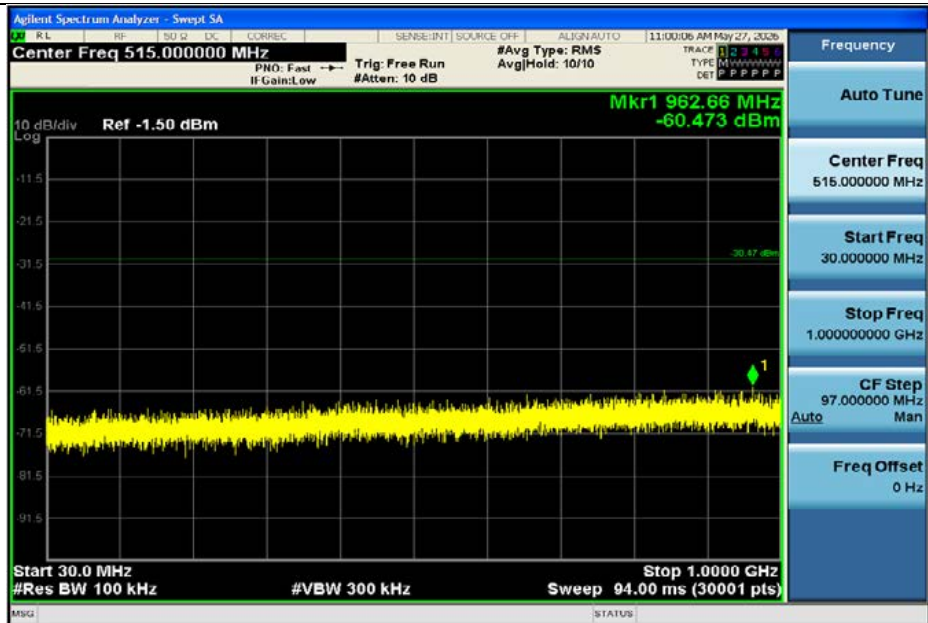
11B-Ant1-2462-30~1000-PASS



11B-Ant1-2462-1000~26500-PASS



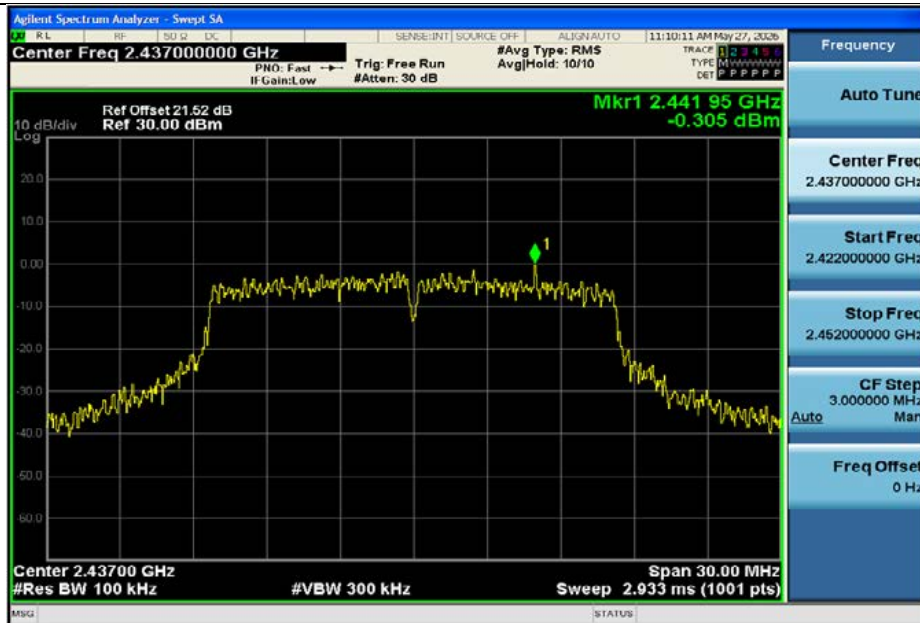
11G-Ant1-2412-0~Reference-PASS



11G-Ant1-2412-30~1000-PASS



11G-Ant1-2412-1000~26500-PASS



11G-Ant1-2437-0-Reference-PASS



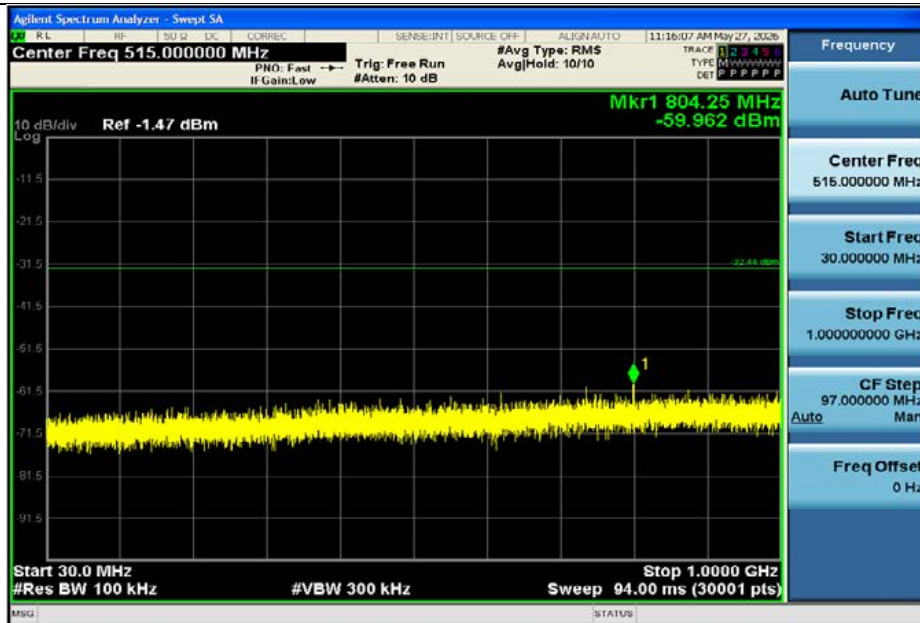
11G-Ant1-2437-30-1000-PASS



11G-Ant1-2437-1000~26500-PASS



11G-Ant1-2462-0~Reference-PASS



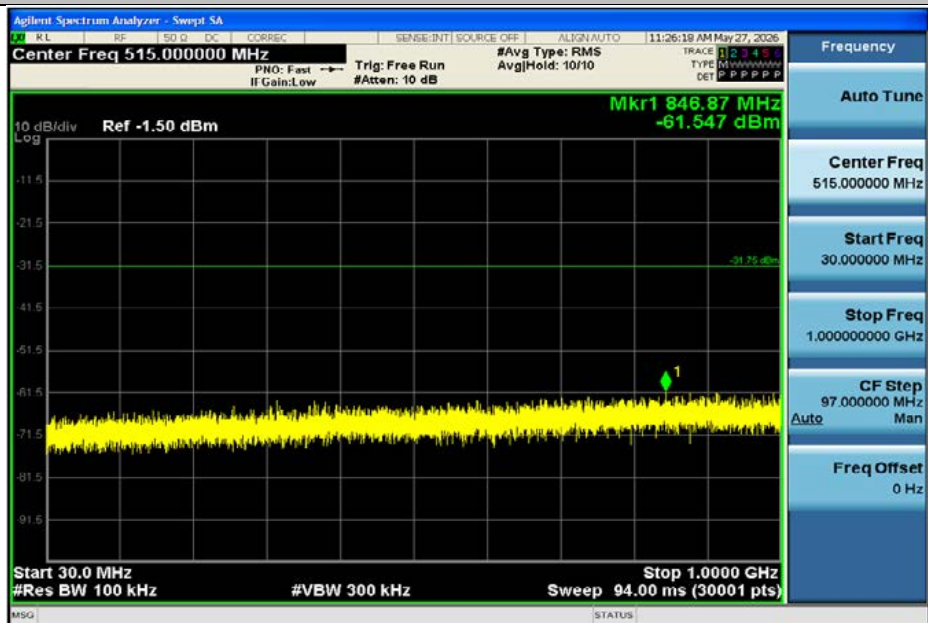
11G-Ant1-2462-30~1000-PASS



11G-Ant1-2462-1000~26500-PASS



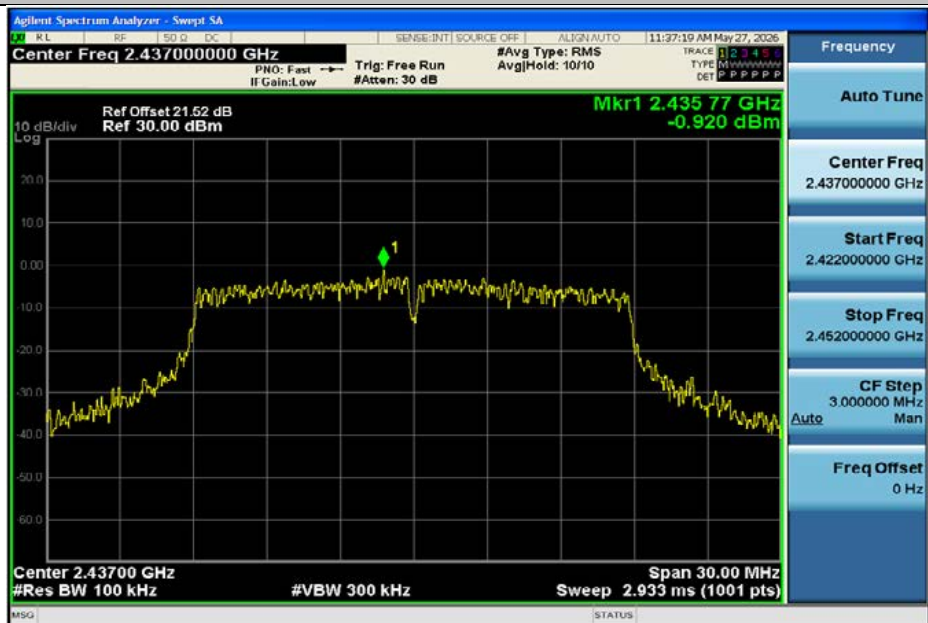
11N20SISO-Ant1-2412-0~Reference-PASS



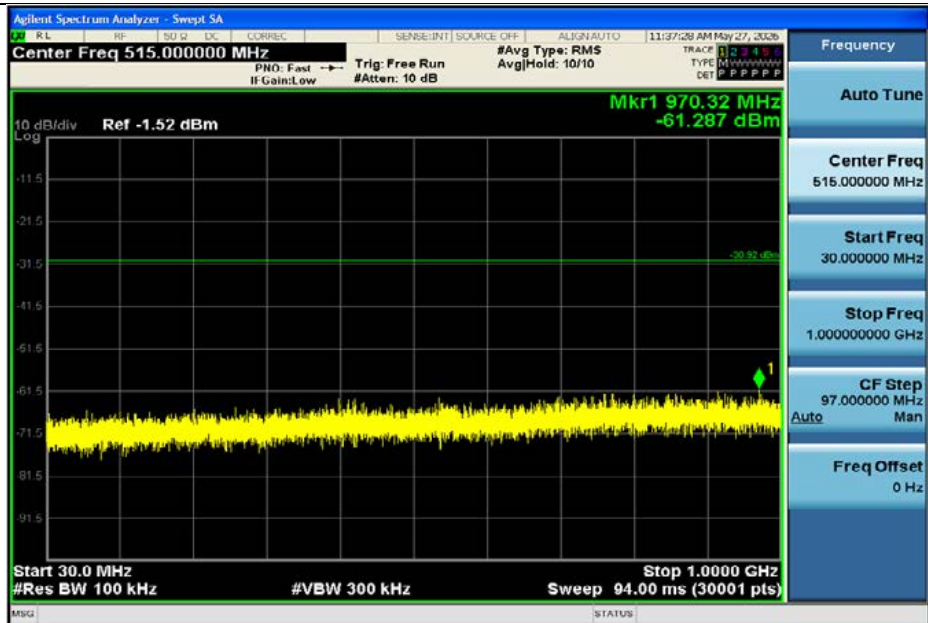
11N20SISO-Ant1-2412-30~1000-PASS



11N20SISO-Ant1-2412-1000~26500-PASS



11N20SISO-Ant1-2437-0~Reference-PASS



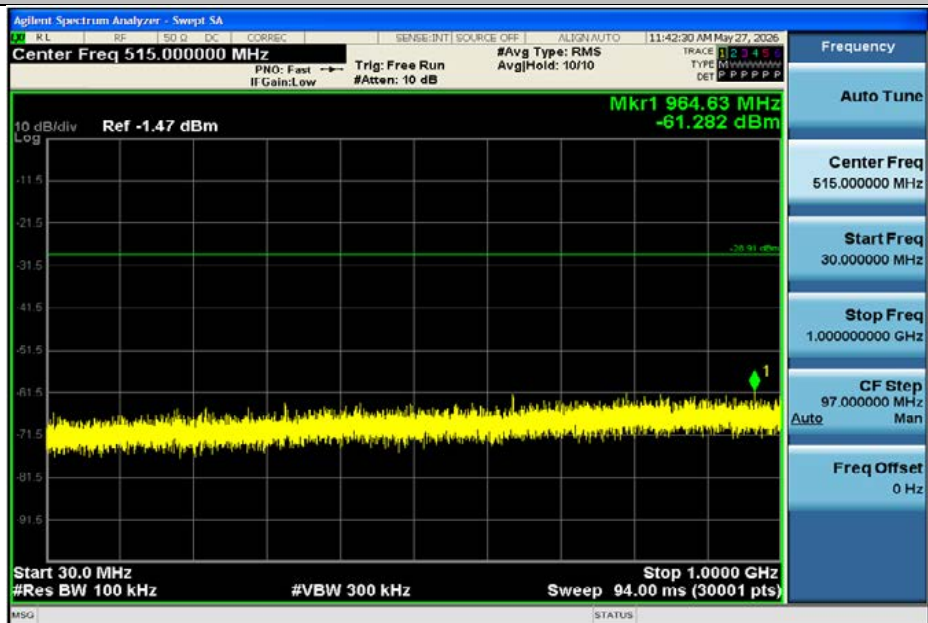
11N20SISO-Ant1-2437-30~1000-PASS



11N20SISO-Ant1-2437-1000~26500-PASS



11N20SISO-Ant1-2462-0~Reference-PASS



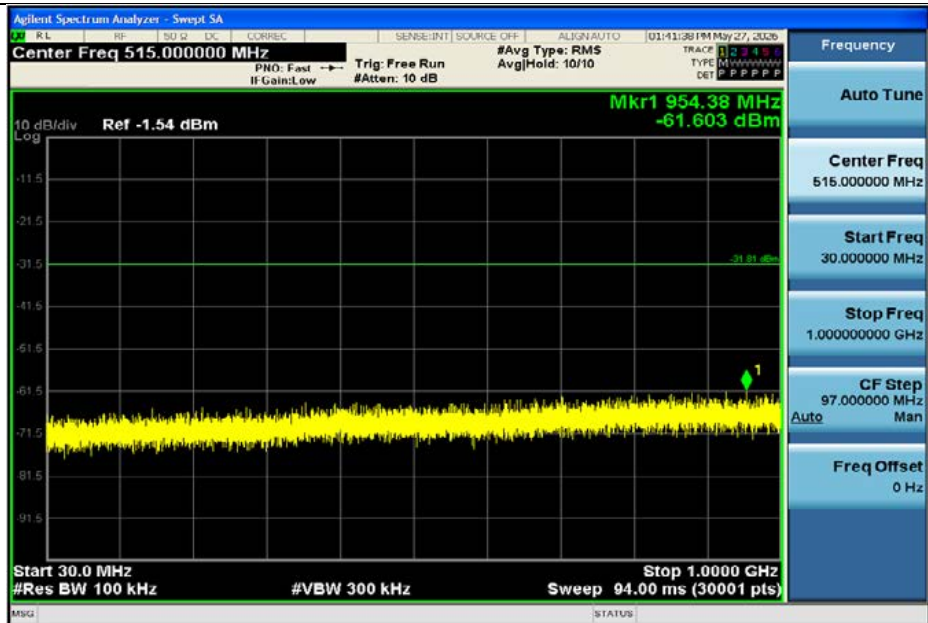
11N20SISO-Ant1-2462-30~1000-PASS



11N20SISO-Ant1-2462-1000~26500-PASS



11N40SISO-Ant1-2422-0~Reference-PASS



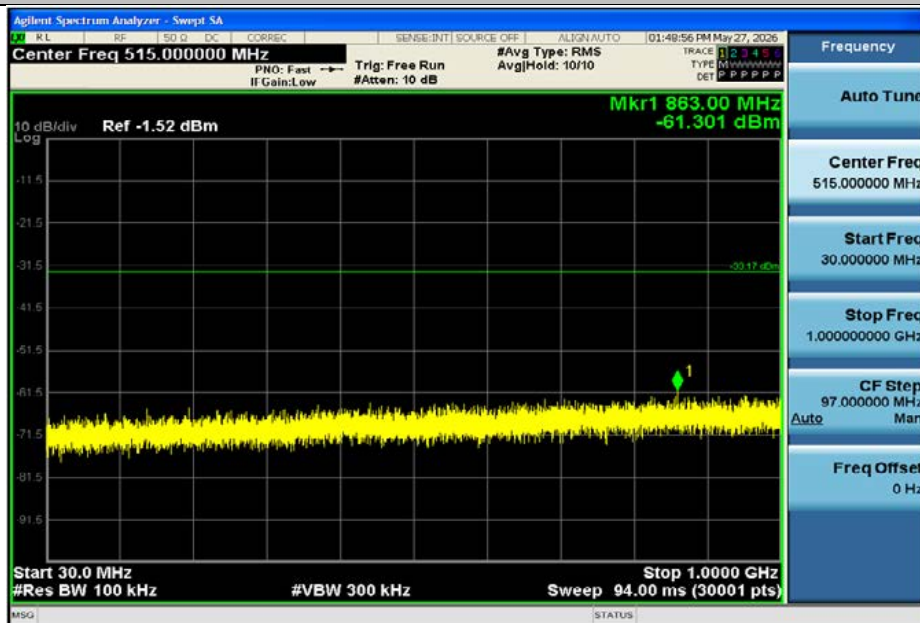
11N40SISO-Ant1-2422-30~1000-PASS



11N40SISO-Ant1-2422-1000~26500-PASS



11N40SISO-Ant1-2437-0~Reference-PASS



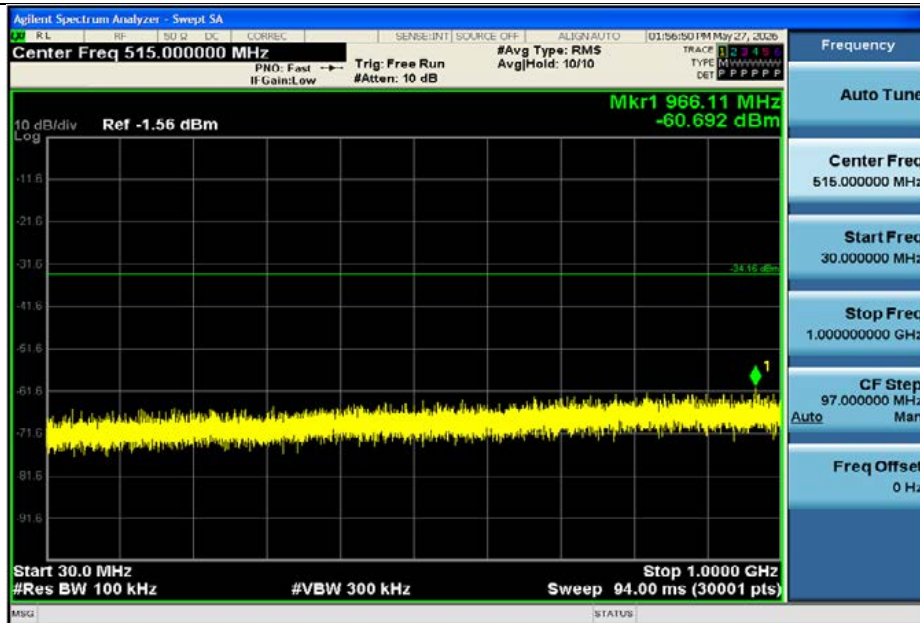
11N40SISO-Ant1-2437-30~1000-PASS



11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-0~Reference-PASS



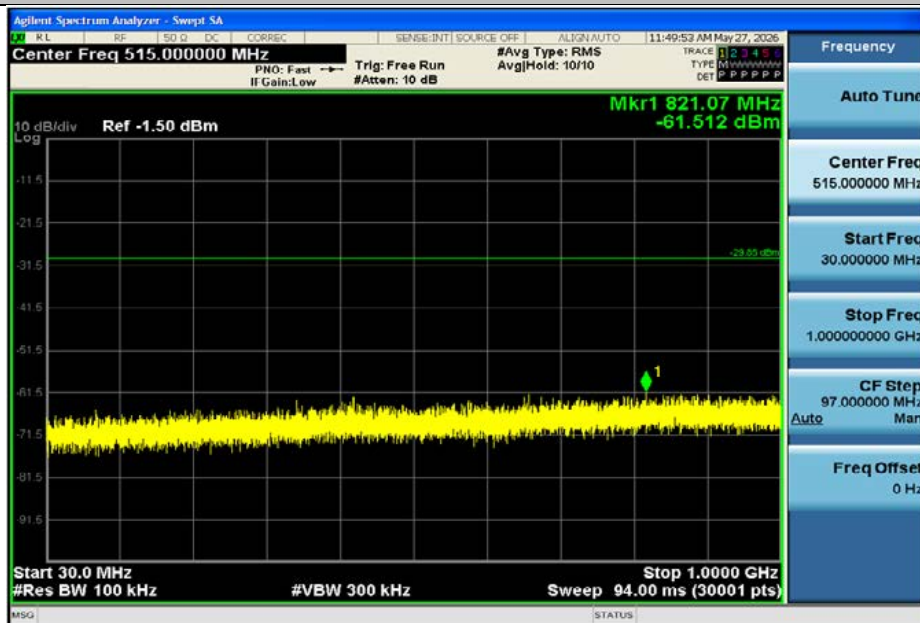
11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS



11AX20SISO-Ant1-2412-0~Reference-PASS



11AX20SISO-Ant1-2412-30~1000-PASS



11AX20SISO-Ant1-2412-1000~26500-PASS



11AX20SISO-Ant1-2437-0~Reference-PASS



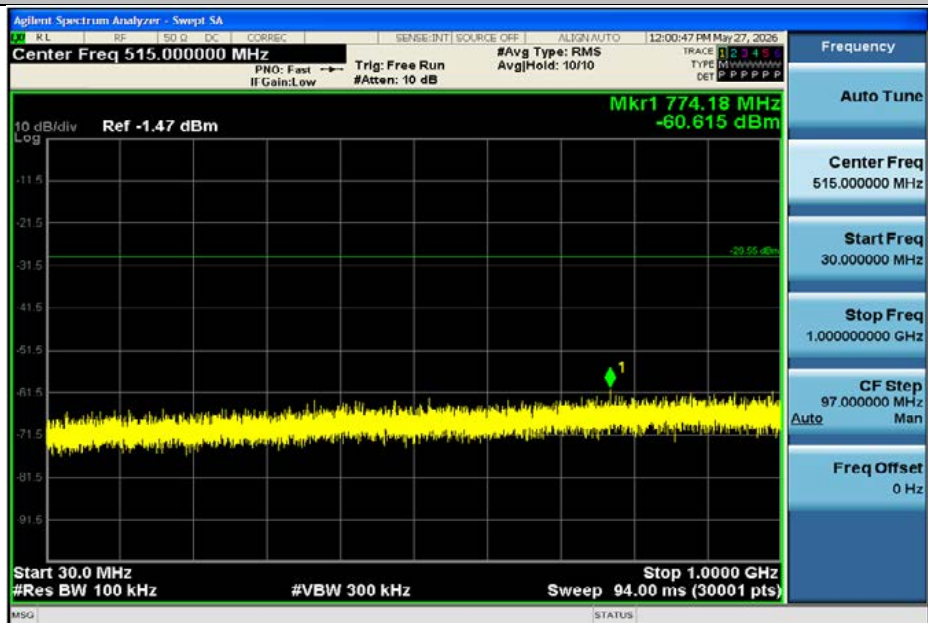
11AX20SISO-Ant1-2437-30~1000-PASS



11AX20SISO-Ant1-2437-1000~26500-PASS



11AX20SISO-Ant1-2462-0~Reference-PASS



11AX20SISO-Ant1-2462-30~1000-PASS



11AX20SISO-Ant1-2462-1000~26500-PASS



11AX40SISO-Ant1-2422-0~Reference-PASS