工服 NO. 22-07-BAC-586-02L 財團法人台灣商品檢測驗證中心

校 正 報 告
CALIBRATION REPORT

TAIWAN TESTING AND CERTIFICATION CENTER

TAF Calibration Laboratory 0025

收件日期: Jul.21,2022
Receipt Date

發行日期: Jul.28,2022
Report Issue Date

顧客名稱 香港商立德國際商品試驗有限公司桃園分公司
Customer

顧客地址 桃園市龜山區文化里華亞二路19號
Address

供 校 儀 器 ITEM CALIBRATED

儀器名稱: PXA Signal Analyzer
Instrument

製造商: KEYSIGHT
Manufacturer

型別: N9030A
Model No.

識別號碼: MY54490561
ID. No.

上述儀器經本實驗室校正，結果如內文。未經本實驗室書面許可，不得部份複製本報告，完整複製則不在此限。
The above instruments were calibrated by the laboratory and please refer to the content for the calibration results. This report may not be reproduced in part without the written permission of the laboratory, except for full reproduction.

校正資料: ☑ 僅量測 ☐ 調整
Calibration Information Calibration Only Adjusted

環境狀態: 環境溫度：(23 ± 2) ℃，相對濕度：(50 ± 10) %
Environmental Conditions

校正日期: Jul.26,2022
Calibration Date

建議再校日期: Jul.25,2023 註：建議再校日期為應顧客要求列入。
Recommended Recalibration Date Note: The recommended recalibration date is agreed by the customer.

校正地點: 財團法人台灣商品檢測驗證中心校正實驗室
Laboratory Location

實驗室名稱地址: ☑ 1. 校正實驗室 33383 桃園市龜山區文明路29巷8號 TEL:+886-3-3280026
Laboratory Name and Address
2. 新竹校正實驗室 30075 新竹市科學園區園區二路47號205室 TEL:+886-3-5798806
3. 台中校正實驗室 42882 台中市大雅區科雅西路29號2樓217室 TEL:+886-4-23584899
4. 台南校正實驗室 70248 台南市南區新和二路5號 TEL:+886-6-2925787#50,51

財團法人台灣商品檢測驗證中心特此證明報告內記載之受校儀器已與標準做過比較校正，用以校正之標準器可追溯至中華民國國家度量衡標準實驗室，美國標準及技術研究院，或其它國家之度量衡國家標準。本中心的校正服務均符合ISO/IEC 17025 之規定。
Taiwan Testing and Certification Center hereby certifies that the equipment noted herein has been compared with the listed standards. The Standards used to perform this calibration are traceable to NML/ROC,NIST/USA or other countries. The calibration services from Taiwan Testing and Certification Center are capable of performing services in compliance with the requirements of ISO/IEC 17025.

財團法人台灣商品檢測驗證中心
Taiwan Testing and Certification Center

報 告 簽 署 人
Approved by

使用校正依據 CALIBRATION PROCEDURE USED

1. 「100 kHz to 50 GHz頻譜分析儀校正程序書」，B00-CD-142，8th Edition。
2. 「測試接收機/頻譜分析儀校正程序書」，B00-CD-376，6th Edition。

使用標準器及附配件 STANDARD AND ACCESSORIES USED

儀器名稱【廠牌/型號】【識別號碼】 Nomenclature【Mfg./Model No.】【ID. No.】	校正單位(認可編號) Cal. Source(ACRED Code)	報告號碼 Cal. Report No.	校正日期 Date Cal.	有效日期 Due Date
RF Step Attenuator 【R/S RSG】 【13050122-001】	R&S(DAkkS)	596958 D-K-15195-01-00 2021-05	2021/05/03	2024/11/02
EPM Series Power Meter 【HP E4419B】 【13050609-001】	NML(TAF N0688)	U220004A	2022/03/04	2023/09/03
Swept Signal Generator 【AGILENT 83650B】 【13051703-001】	ETC(TAF 0025)	22-06-BAC-595-05L	2022/07/06	2023/07/05
Signal Generator 【R&S/SMB100A】 【13051715-001】	R&S(DAkkS D-K-15195-01-01)	532388	2019/11/26	2023/05/25
Power Sensor 【AGILENT 8482A】 【13053506-001】	KEYSIGHT(ANAB AC-1498)	1-17361731810-1	2022/05/13	2024/11/12
Avg Power Sensor 【AGILENT E9304A】 【13053522-001】	KEYSIGHT(ANAB AC-1498)	1-17363596762-1	2022/05/13	2024/11/12
Universal Counter 【HP 53132A】 【13060804-001】	ETC(TAF 0025)	22-05-BAC-482-34L	2022/06/22	2022/12/21

1.Freq. Accuracy Ref. Oscilloscope

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
10 MHz	10.00000018	MHz	3.5E-08

2.IF Bandwidth Switch (3 dB)

Characteristic	Actual Value	Unit	Expanded Uncertainty
Level Accuracy			
100 Hz	-0.03	dB	0.32 dB
300 Hz	0.07	dB	0.32 dB
1 kHz	0.06	dB	0.32 dB
3 kHz	0.05	dB	0.32 dB
10 kHz	0.00 (Ref.)	dB	---
30 kHz	0.03	dB	0.32 dB
100 kHz	0.02	dB	0.32 dB
300 kHz	-0.03	dB	0.32 dB
1 MHz	-0.01	dB	0.32 dB
3 MHz	-0.03	dB	0.32 dB

3.IF Bandwidth (3 dB)

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
Bandwidth			
100 Hz	99.75	Hz	4.4 %
300 Hz	300.0	Hz	4.4 %
1 kHz	1.000	kHz	4.4 %
3 kHz	3.003	kHz	4.4 %
10 kHz	10.00	kHz	4.4 %
30 kHz	30.02	kHz	4.4 %
100 kHz	100.1	kHz	4.4 %
300 kHz	300.7	kHz	4.4 %
1 MHz	0.998	MHz	4.4 %
3 MHz	3.004	MHz	4.4 %

4.IF Bandwidth (3 dB) Shape Factor

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
100 Hz	3.71	---	6.5 %
300 Hz	3.95	---	6.5 %
1 kHz	3.97	---	6.5 %
3 kHz	3.97	---	6.5 %
10 kHz	3.97	---	6.5 %
30 kHz	3.96	---	6.5 %
100 kHz	3.97	---	6.5 %
300 kHz	3.94	---	6.5 %
1 MHz	3.96	---	6.5 %
3 MHz	3.91	---	6.5 %

5.Noise Display

Characteristic	Actual Value	Unit	Expanded Uncertainty
9 kHz	-138.7	dBm	0.78 dB
100 kHz	-143.0	dBm	0.77 dB
999 kHz	-143.5	dBm	0.78 dB
10.99 MHz	-148.9	dBm	0.85 dB
19.99 MHz	-148.5	dBm	0.86 dB
49.99 MHz	-148.1	dBm	0.82 dB
99.99 MHz	-148.0	dBm	0.89 dB
199.9 MHz	-146.9	dBm	0.78 dB
499.9 MHz	-146.6	dBm	0.78 dB
999.9 MHz	-148.3	dBm	0.80 dB
1499 MHz	-146.6	dBm	0.90 dB
1999 MHz	-145.6	dBm	0.99 dB
2499 MHz	-144.5	dBm	0.98 dB
2999 MHz	-143.6	dBm	0.95 dB
3099 MHz	-144.7	dBm	0.94 dB
3499 MHz	-144.4	dBm	0.90 dB
3999 MHz	-142.8	dBm	0.97 dB
4499 MHz	-144.0	dBm	0.99 dB
4999 MHz	-141.2	dBm	0.97 dB
5499 MHz	-140.5	dBm	1.1 dB
5999 MHz	-142.0	dBm	0.94 dB
6499 MHz	-143.8	dBm	0.90 dB
6999 MHz	-143.2	dBm	0.95 dB
7999 MHz	-142.5	dBm	0.97 dB
8999 MHz	-141.6	dBm	1.0 dB
9999 MHz	-143.6	dBm	0.98 dB
10999 MHz	-142.4	dBm	0.93 dB
11999 MHz	-144.3	dBm	0.90 dB
12999 MHz	-142.8	dBm	0.92 dB

5.Noise Display (@Continued)

Characteristic	Actual Value	Unit	Expanded Uncertainty
13999 MHz	-141.6	dBm	0.91 dB
14999 MHz	-141.8	dBm	0.99 dB
15999 MHz	-140.8	dBm	0.89 dB
16999 MHz	-142.2	dBm	0.90 dB
17999 MHz	-140.7	dBm	0.89 dB
18999 MHz	-139.0	dBm	1.1 dB
19999 MHz	-139.6	dBm	0.90 dB
20999 MHz	-140.4	dBm	0.89 dB
21999 MHz	-140.3	dBm	0.92 dB
22999 MHz	-138.7	dBm	0.88 dB
23999 MHz	-136.6	dBm	1.1 dB
24999 MHz	-138.4	dBm	0.92 dB
25999 MHz	-136.7	dBm	0.90 dB
26999 MHz	-139.1	dBm	0.89 dB
27999 MHz	-137.7	dBm	0.90 dB
28999 MHz	-137.1	dBm	0.91 dB
29999 MHz	-138.8	dBm	0.90 dB
30999 MHz	-137.8	dBm	0.92 dB
31999 MHz	-137.2	dBm	0.97 dB
32999 MHz	-136.4	dBm	0.89 dB
33999 MHz	-135.4	dBm	0.96 dB
34999 MHz	-133.6	dBm	0.96 dB
35999 MHz	-133.7	dBm	1.1 dB
36999 MHz	-132.2	dBm	0.92 dB
37999 MHz	-132.9	dBm	0.89 dB
38999 MHz	-132.9	dBm	0.92 dB
39999 MHz	-134.1	dBm	0.90 dB
43999 MHz	-130.8	dBm	0.88 dB

6.Freq. Response RF Attenuation 10 dB

Characteristic	Actual Value	Unit	Expanded Uncertainty
f_{fresp}			
9 kHz	-0.21	dB	0.64 dB
100 kHz	-0.09	dB	0.64 dB
1 MHz	0.02	dB	0.64 dB
10 MHz	0.04	dB	0.64 dB
50 MHz	0.02	dB	0.64 dB
100 MHz	0.01	dB	0.64 dB
200 MHz	0.03	dB	0.64 dB
300 MHz	0.01	dB	0.64 dB
400 MHz	0.01	dB	0.64 dB
500 MHz	0.02	dB	0.64 dB

6.Freq. Response RF Attenuation 10 dB (@Continued)

Characteristic	Actual Value	Unit	Expanded Uncertainty
f_{fresp}			
600 MHz	0.01	dB	0.64 dB
700 MHz	-0.01	dB	0.64 dB
800 MHz	0.02	dB	0.64 dB
900 MHz	0.01	dB	0.64 dB
1000 MHz	0.01	dB	0.64 dB
1500 MHz	-0.01	dB	0.64 dB
2000 MHz	-0.05	dB	0.64 dB
2500 MHz	0.00	dB	0.64 dB
2990 MHz	0.03	dB	0.64 dB
3010 MHz	-0.01	dB	0.70 dB
4000 MHz	-0.13	dB	0.70 dB
4500 MHz	-0.15	dB	0.70 dB
5000 MHz	-0.20	dB	0.70 dB
5500 MHz	-0.06	dB	0.70 dB
6000 MHz	-0.09	dB	0.70 dB
6500 MHz	-0.10	dB	0.70 dB
6990 MHz	-0.08	dB	0.70 dB
7100 MHz	-0.04	dB	0.70 dB
8000 MHz	-0.06	dB	0.70 dB
9000 MHz	0.05	dB	0.70 dB
10000 MHz	-0.12	dB	0.70 dB
11000 MHz	0.08	dB	0.70 dB
12000 MHz	0.04	dB	0.70 dB
13000 MHz	-0.23	dB	0.70 dB
14000 MHz	-0.18	dB	0.70 dB
15000 MHz	0.05	dB	0.70 dB
16000 MHz	-0.10	dB	0.70 dB
17000 MHz	-0.46	dB	0.70 dB
18000 MHz	-0.51	dB	0.70 dB
19000 MHz	-0.17	dB	0.98 dB
20000 MHz	-0.49	dB	0.98 dB
21000 MHz	-0.37	dB	0.98 dB
22000 MHz	-0.30	dB	0.98 dB
23000 MHz	-0.81	dB	0.98 dB
24000 MHz	-0.47	dB	0.98 dB
25000 MHz	-0.34	dB	0.98 dB
26000 MHz	-0.90	dB	0.98 dB
27000 MHz	-1.63	dB	1.3 dB
28000 MHz	-0.50	dB	1.3 dB
29000 MHz	-0.46	dB	1.3 dB
30000 MHz	-0.94	dB	1.3 dB

6.Freq. Response RF Attenuation 10 dB (@Continued)

Characteristic	Actual Value	Unit	Expanded Uncertainty
f_{fresp}			
31000 MHz	-0.78	dB	1.3 dB
32000 MHz	-0.88	dB	1.3 dB
33000 MHz	-1.07	dB	1.3 dB
34000 MHz	-1.33	dB	1.3 dB
35000 MHz	-1.38	dB	1.3 dB
36000 MHz	-1.41	dB	1.3 dB
37000 MHz	-0.75	dB	1.3 dB
38000 MHz	-0.73	dB	1.3 dB
39000 MHz	-0.92	dB	1.3 dB
39999 MHz	-0.09	dB	1.3 dB
43999 MHz	-0.29	dB	1.3 dB

7.Freq. Response RF Attenuation 20 dB

Characteristic	Actual Value	Unit	Expanded Uncertainty
f_{fresp}			
9 kHz	-0.25	dB	0.64 dB
100 kHz	0.03	dB	0.64 dB
1 MHz	0.14	dB	0.64 dB
10 MHz	0.14	dB	0.64 dB
50 MHz	0.10	dB	0.64 dB
100 MHz	0.11	dB	0.64 dB
200 MHz	0.12	dB	0.64 dB
300 MHz	0.10	dB	0.64 dB
400 MHz	0.09	dB	0.64 dB
500 MHz	0.10	dB	0.64 dB
600 MHz	0.07	dB	0.64 dB
700 MHz	0.06	dB	0.64 dB
800 MHz	0.10	dB	0.64 dB
900 MHz	0.07	dB	0.64 dB
1000 MHz	0.08	dB	0.64 dB
1500 MHz	0.09	dB	0.64 dB
2000 MHz	0.08	dB	0.64 dB
2500 MHz	0.08	dB	0.64 dB
2990 MHz	0.07	dB	0.64 dB

8.Freq. Response RF Attenuation 40 dB

Characteristic	Actual Value	Unit	Expanded Uncertainty
f_{fresp}			
9 kHz	-0.13	dB	0.64 dB
100 kHz	0.06	dB	0.64 dB
1 MHz	0.17	dB	0.64 dB
10 MHz	0.17	dB	0.64 dB
50 MHz	0.14	dB	0.64 dB
100 MHz	0.14	dB	0.64 dB
200 MHz	0.15	dB	0.64 dB
300 MHz	0.13	dB	0.64 dB
400 MHz	0.12	dB	0.64 dB
500 MHz	0.15	dB	0.64 dB
600 MHz	0.13	dB	0.64 dB
700 MHz	0.12	dB	0.64 dB
800 MHz	0.15	dB	0.64 dB
900 MHz	0.13	dB	0.64 dB
1000 MHz	0.13	dB	0.64 dB
1500 MHz	0.12	dB	0.64 dB
2000 MHz	0.09	dB	0.64 dB
2500 MHz	0.14	dB	0.64 dB
2990 MHz	0.16	dB	0.64 dB

9.Display Linearity RBW 300 Hz

Characteristic	Actual Value	Unit	Expanded Uncertainty
a_{ATT}			
10 dB	9.98	dB	0.64 dB
12 dB	7.98	dB	0.64 dB
14 dB	5.96	dB	0.64 dB
16 dB	3.96	dB	0.64 dB
18 dB	1.95	dB	0.64 dB
20 dB	0.00 (Ref.)	dB	---
22 dB	-2.02	dB	0.64 dB
24 dB	-4.04	dB	0.64 dB
26 dB	-6.04	dB	0.64 dB
28 dB	-8.06	dB	0.64 dB
30 dB	-10.04	dB	0.64 dB
32 dB	-12.04	dB	0.64 dB
34 dB	-14.06	dB	0.64 dB
36 dB	-16.06	dB	0.64 dB
38 dB	-18.07	dB	0.64 dB
40 dB	-20.02	dB	0.64 dB
42 dB	-22.02	dB	0.64 dB
44 dB	-24.03	dB	0.64 dB
46 dB	-26.03	dB	0.64 dB
48 dB	-28.05	dB	0.64 dB
50 dB	-30.03	dB	0.64 dB
52 dB	-32.03	dB	0.64 dB
54 dB	-34.05	dB	0.64 dB
56 dB	-36.05	dB	0.64 dB
58 dB	-38.06	dB	0.64 dB
60 dB	-40.04	dB	0.64 dB
65 dB	-45.06	dB	0.66 dB
70 dB	-50.04	dB	0.66 dB
75 dB	-55.07	dB	0.66 dB
80 dB	-60.04	dB	0.66 dB
85 dB	-65.06	dB	0.66 dB
90 dB	-70.09	dB	0.66 dB
95 dB	-75.08	dB	0.66 dB
100 dB	-80.01	dB	0.66 dB

10.Display Linearity RBW 300 kHz

Characteristic	Actual Value	Unit	Expanded Uncertainty
a_{ATT}			
10 dB	9.98	dB	0.64 dB
12 dB	7.99	dB	0.64 dB
14 dB	5.98	dB	0.64 dB
16 dB	3.98	dB	0.64 dB
18 dB	1.96	dB	0.64 dB
20 dB	0.00 (Ref.)	dB	---
22 dB	-2.01	dB	0.64 dB
24 dB	-4.02	dB	0.64 dB
26 dB	-6.02	dB	0.64 dB
28 dB	-8.03	dB	0.64 dB
30 dB	-10.02	dB	0.64 dB
32 dB	-12.02	dB	0.64 dB
34 dB	-14.03	dB	0.64 dB
36 dB	-16.03	dB	0.64 dB
38 dB	-18.07	dB	0.64 dB
40 dB	-20.01	dB	0.64 dB
42 dB	-22.01	dB	0.64 dB
44 dB	-24.01	dB	0.64 dB
46 dB	-26.02	dB	0.64 dB
48 dB	-28.03	dB	0.64 dB
50 dB	-30.02	dB	0.64 dB
52 dB	-32.05	dB	0.64 dB
54 dB	-34.03	dB	0.64 dB
56 dB	-36.10	dB	0.64 dB
58 dB	-38.01	dB	0.64 dB
60 dB	-39.92	dB	0.64 dB
65 dB	-44.93	dB	0.64 dB
70 dB	-50.38	dB	0.64 dB
75 dB	-55.28	dB	0.64 dB
80 dB	-59.68	dB	0.64 dB

11.Attenuator Accuracy

Characteristic	Actual Value	Unit	Expanded Uncertainty
a_{ATT}			
0 dB	-9.83	dB	0.36 dB
10 dB	0.00 (Ref.)	dB	---
20 dB	10.03	dB	0.36 dB
30 dB	20.03	dB	0.36 dB
40 dB	29.96	dB	0.36 dB
50 dB	39.99	dB	0.36 dB
60 dB	49.98	dB	0.36 dB
70 dB	59.97	dB	0.36 dB

12.Ref. Level Switching Accuracy

Characteristic	Actual Value	Unit	Expanded Uncertainty
Ref. Level			
0 dBm	9.99	dB	0.36 dB
-10 dBm	0.00 (Ref.)	dB	---
-20 dBm	-10.01	dB	0.36 dB
-30 dBm	-19.99	dB	0.36 dB
-40 dBm	-29.98	dB	0.36 dB
-50 dBm	-40.08	dB	0.36 dB
-11 dBm	-1.00	dB	0.36 dB
-12 dBm	-2.01	dB	0.36 dB
-13 dBm	-3.01	dB	0.36 dB
-14 dBm	-4.02	dB	0.36 dB
-15 dBm	-5.02	dB	0.36 dB
-16 dBm	-6.02	dB	0.36 dB
-17 dBm	-7.02	dB	0.36 dB
-18 dBm	-8.04	dB	0.36 dB
-19 dBm	-9.04	dB	0.36 dB

13.Freq. Count Marker Accuracy

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
1.5 GHz Center Freq.	1.50000000	GHz	5.2E-08
4.0 GHz Center Freq.	4.00000000	GHz	5.2E-08
9.0 GHz Center Freq.	9.00000000	GHz	5.2E-08
16.0 GHz Center Freq.	16.00000000	GHz	5.2E-08
21.0 GHz Center Freq.	21.00000000	GHz	5.2E-08
29.0 GHz Center Freq.	29.00000000	GHz	5.2E-08
35.0 GHz Center Freq.	35.00000000	GHz	5.2E-08

14.Freq. Readout Accuracy and Freq. Count Marker Accuracy

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
1.5 GHz Center Freq.			
1 MHz SPAN	1.500000	GHz	1.2E-06
10 MHz SPAN	1.50000	GHz	1.2E-05
20 MHz SPAN	1.50000	GHz	1.2E-05
50 MHz SPAN	1.50000	GHz	1.2E-05
100 MHz SPAN	1.5000	GHz	1.2E-04
1 GHz SPAN	1.499	GHz	1.2E-03
4.0 GHz Center Freq.			
1 MHz SPAN	4.000000	GHz	1.2E-06
10 MHz SPAN	4.00000	GHz	1.2E-05
20 MHz SPAN	4.00000	GHz	1.2E-05
50 MHz SPAN	4.00000	GHz	1.2E-05
100 MHz SPAN	4.0000	GHz	1.2E-04
1 GHz SPAN	3.999	GHz	1.2E-03
9.0 GHz Center Freq.			
1 MHz SPAN	9.000000	GHz	1.2E-06
10 MHz SPAN	9.00000	GHz	1.2E-05
20 MHz SPAN	9.00000	GHz	1.2E-05
50 MHz SPAN	9.00000	GHz	1.2E-05
100 MHz SPAN	9.0000	GHz	1.2E-04
1 GHz SPAN	8.999	GHz	1.2E-03

14.Freq. Readout Accuracy and Freq. Count Marker Accuracy(@Continued)

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
16.0 GHz Center Freq.			
1 MHz SPAN	16.000000	GHz	1.2E-06
10 MHz SPAN	16.00000	GHz	1.2E-05
20 MHz SPAN	16.00000	GHz	1.2E-05
50 MHz SPAN	16.00000	GHz	1.2E-05
100 MHz SPAN	16.0000	GHz	1.2E-04
1 GHz SPAN	15.999	GHz	1.2E-03
21.0 GHz Center Freq.			
1 MHz SPAN	21.000000	GHz	1.2E-06
10 MHz SPAN	21.00000	GHz	1.2E-05
20 MHz SPAN	21.00000	GHz	1.2E-05
50 MHz SPAN	21.00000	GHz	1.2E-05
100 MHz SPAN	21.0000	GHz	1.2E-04
1 GHz SPAN	20.999	GHz	1.2E-03
29.0 GHz Center Freq.			
1 MHz SPAN	29.000000	GHz	1.2E-06
10 MHz SPAN	29.00000	GHz	1.2E-05
20 MHz SPAN	29.00000	GHz	1.2E-05
50 MHz SPAN	29.00000	GHz	1.2E-05
100 MHz SPAN	29.0000	GHz	1.2E-04
1 GHz SPAN	29.000	GHz	1.2E-03
35.0 GHz Center Freq.			
1 MHz SPAN	35.000000	GHz	1.2E-06
10 MHz SPAN	35.00000	GHz	1.2E-05
20 MHz SPAN	35.00002	GHz	1.2E-05
50 MHz SPAN	35.00000	GHz	1.2E-05
100 MHz SPAN	35.0000	GHz	1.2E-04
1 GHz SPAN	34.999	GHz	1.2E-03

15.Freq. Span Accuracy

Characteristic	Actual Value	Unit	Relative Expanded Uncertainty
1 kHz SPAN	0.00	%	0.15 %
2 kHz SPAN	0.00	%	0.15 %
5 kHz SPAN	0.00	%	0.15 %
10 kHz SPAN	0.00	%	0.15 %
20 kHz SPAN	0.00	%	0.15 %
50 kHz SPAN	0.00	%	0.15 %
100 kHz SPAN	0.00	%	0.15 %
200 kHz SPAN	0.00	%	0.15 %
500 kHz SPAN	0.00	%	0.15 %
1 MHz SPAN	0.00	%	0.15 %
2 MHz SPAN	0.00	%	0.15 %
5 MHz SPAN	0.00	%	0.15 %
10 MHz SPAN	0.00	%	0.15 %
20 MHz SPAN	0.00	%	0.15 %
50 MHz SPAN	0.00	%	0.15 %
100 MHz SPAN	0.00	%	0.15 %
200 MHz SPAN	0.00	%	0.15 %
500 MHz SPAN	0.00	%	0.15 %
1 GHz SPAN	0.00	%	0.15 %
2 GHz SPAN	0.00	%	0.15 %

16.Image, Multiple, and Out-of-Band Response Center

Characteristic	Actual Value	Unit	Expanded Uncertainty
2 GHz Center Freq.			
2021.4 MHz	-108.2	dBc	1.0 dB
2621.4 MHz	-108.3	dBc	1.1 dB
2321.4 MHz	-108.6	dBc	0.98 dB
2600.0 MHz	-108.2	dBc	0.87 dB
7910.7 MHz	-108.2	dBc	1.2 dB
9821.4 MHz	-109.2	dBc	1.5 dB

16.Image, Multiple, and Out-of-Band Response Center(@Continued)

Characteristic	Actual Value	Unit	Expanded Uncertainty
4 GHz Center Freq.			
4021.4 MHz	-106.3	dBc	1.1 dB
4621.4 MHz	-106.2	dBc	0.94 dB
4321.4 MHz	-106.4	dBc	0.94 dB
4600.0 MHz	-106.4	dBc	1.4 dB
8310.7 MHz	-107.6	dBc	1.2 dB
8932.1 MHz	-106.2	dBc	1.2 dB
9 GHz Center Freq.			
9021.4 MHz	-106.5	dBc	1.1 dB
9621.4 MHz	-106.7	dBc	1.1 dB
9321.4 MHz	-106.8	dBc	1.4 dB
9600.0 MHz	-105.9	dBc	0.97 dB
18310.7 MHz	-105.9	dBc	2.2 dB
18932.1 MHz	-106.1	dBc	1.3 dB
15 GHz Center Freq.			
15021.400 MHz	-105.9	dBc	1.2 dB
15621.400 MHz	-106.3	dBc	0.97 dB
22655.350 MHz	-106.6	dBc	1.9 dB
23276.750 MHz	-106.2	dBc	1.1 dB
7344.650 MHz	-105.8	dBc	1.4 dB
7966.050 MHz	-106.2	dBc	1.3 dB
20 GHz Center Freq.			
20021.400 MHz	-104.2	dBc	1.4 dB
20621.400 MHz	-104.9	dBc	1.1 dB
15543.725 MHz	-105.6	dBc	1.1 dB
25699.075 MHz	-104.6	dBc	1.4 dB
9844.650 MHz	-105.3	dBc	1.6 dB
10466.050 MHz	-105.6	dBc	1.1 dB

16.Image, Multiple, and Out-of-Band Response Center(@Continued)

Characteristic	Actual Value	Unit	Expanded Uncertainty
29 GHz Center Freq.			
28378.600 MHz	-95.1	dBc	1.2 dB
28978.600 MHz	-94.9	dBc	1.5 dB
24450.925 MHz	-95.2	dBc	1.2 dB
28700.000 MHz	-95.1	dBc	1.2 dB
16455.350 MHz	-94.7	dBc	1.2 dB
35272.325 MHz	-95.4	dBc	1.6 dB
35 GHz Center Freq.			
35021.400 MHz	-100.6	dBc	1.4 dB
35621.400 MHz	-100.4	dBc	1.2 dB
33093.725 MHz	-101.9	dBc	1.5 dB
35321.400 MHz	-100.2	dBc	2.0 dB
8744.538 MHz	-101.2	dBc	1.3 dB
15544.650 MHz	-101.1	dBc	1.3 dB

說明:

1. 本校正報告內的擴充不確定度評估與表示是依據「ISO Guide 98-3量測不確定度表示方式指引」，擴充不確定度$U = ku_c$，其中u_c為組合標準不確定度，$k = 2.0$，為信賴水準約95 %之涵蓋因子。
2. 參考CISPR 16-1-1;ANSI C63.2。