

低功率射頻器材 檢驗報告

申請者	台灣索尼互動娛樂股份有限公司
申請者地址	臺北市信義區松高路1號9樓
製造廠商	Sony Interactive Entertainment Inc.
受檢設備名稱	Testing Kit for PlayStation® 5
廠牌	SONY
型號	DFI-T1000AA
檢驗依據標準	國家通訊傳播委員會低功率射頻器材 技術規範 (LP0002)
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檢驗結果	合格

財團法人台灣商品檢測驗證中心

33383桃園市龜山區文明路29巷8號

電話：(03)3276170~74

傳真：(03)3276188

實驗室認可編號及範圍: 0371 (9 kHz to 325 GHz)

實驗室認可證書有效期限: 110年10月31日



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測試報告記錄

申請廠商：台灣索尼互動娛樂股份有限公司
 製造廠商：Sony Interactive Entertainment Inc.
 廠牌：SONY
 品名：Testing Kit for PlayStation®5
 型號：DFI-T1000AA
 檢驗依據標準：國家通訊傳播委員會低功率射頻器材技術規範(LP0002)
 規範修訂日期109年07月01日
 發射功率(電場強度)：11.42 dBm (發射功率)
 工作頻率及調變方式：5745 ~ 5825 MHz / DSSS + OFDM + OFDMA
 天線規格：廠牌/型號/天線增益：LUXSHARE-ICT/L34RF056/5.0dBi
 廠牌/型號/天線增益：LUXSHARE-ICT/L34RF057/3.5dBi

- 備註：1. 本試驗報告中是描述本實驗室以最佳的知識和能力進行試驗，我們的責任僅限於合理與謹慎的試驗，並非確保賣方之法律和/或合同的義務。
 2. 本符合性試驗係依據適當的標準及試驗樣品進行測試，本試驗報告的結果僅與測試項目有關，且僅針對受試驗之樣品負責，無法確保產品生產過程中的品質與性能要求。
 3. 非經本中心同意，檢驗報告不得摘錄複印使用。（全部複製除外）。

項次	測試項目	適用規範	量測設備	測試結果	結果判定
1	電源線傳導干擾之要求	低功率射頻電機技術規範 3.3節	請參閱4.3節	請參閱4.4節	合格
2	場強輻射之要求	低功率射頻電機技術規範 5.7.4.6節	請參閱5.3節	請參閱5.5節	合格
	以下空白				

測量實驗室負責人：鄭景敦 109.09.29 直接主管：黃敬瑞 109.09.29 量測員：郭世昂 109/09/29

1 一般資料

1.1 產品描述

- a) 產品型態 : Testing Kit for PlayStation® 5
 b) 商 標 : SONY.
 c) 產品型號 : DFI-T1000AA
 d) 供應電源 : 主機:AC 110V
 CP Box: AC Adaptor: CUH-ZAC1
 Input 100-240VAC, 50/60Hz, 1A
 Output DC 12V 3.0A, 36.0W

- 備註：1. 本產品內含 WLAN、Bluetooth 及 Bluetooth LE 無線技術，WLAN 部份包含 DTS 與 UNII 頻帶。本報告僅記錄 UNII Band 4 (5725 至 5850 MHz) 部份，Bluetooth 部份請見 ETC 報告編號: 20-07-MAS-059-01，Bluetooth LE 部份請見 ETC 報告編號: 20-07-MAS-059-02，DTS 部份請見 ETC 報告編號: 20-07-MAS-059-03，UNII Band 1 (5180 MHz 至 5240 MHz)部份請見 ETC 報告編號: 20-07-MAS-059-04， UNII Band 2 (5260 至 5320 MHz)部份請見 ETC 報告編號: 20-07-MAS-059-05，UNII Band 3 (5500 至 5700 MHz) 部份請見 ETC 報告編號: 20-07-MAS-059-06。
 2. 本器材不具備主控運作模式動態頻率選擇與Ad-hoc功能。
 3. 系列和主測的差異如下：

差異 \ 型號	主型號 CFI-1018A	增列之系列型號 DFI-T1000AA
器材名稱	PlayStation®5	Testing Kit for PlayStation®5
尺寸	約 390x260x104 mm	約 390x260x104 mm
重量	約 4.5kg	約 4.5kg
BD/DVD Drive	有	有
CP-BOX	無	有

4. 該產品確符合同系列產品技術規格及射頻性能相同。
 5. 原主測報告編號: 20-07-MAS-052-07。

1.2 產品特性

此裝置為 Testing Kit for PlayStation® 5，內含之WLAN其發射頻率落於 5745 至 5825 MHz 頻段，採用 IEEE 802.11a/n/ac/ax OFDM 調變技術，其應用為區域網路無線傳輸。主波發射功率為 11.42 dBm，即為 13.87 mW。

RF chain	2T2R	
Operating Frequency	IEEE 802.11a/n 20/ac/ax 20MHz: 5.745GHz~5.825GHz, 5ch IEEE 802.11ac/ax 40MHz Bnd: 5.755GHz~5.795GHz, 2ch IEEE 802.11ac/ax 80MHz: 5.775 GHz, 1ch	
Modulation	IEEE 802.11a(OFDM/DSSS) 48/54 Mbps (64-QAM) 24/36 Mbps (16-QAM) 12/18 Mbps (QPSK) 6/19 Mbps (BPSK)	IEEE 802.11n(OFDM/DSSS) 64-QAM 16-QAM QPSK BPSK
	IEEE 802.11ac (20MHz,40MHz,80MHz)(OFDM/DSSS) 256-QAM, 64-QAM, 16-QAM, QPSK,BPSK	
	IEEE 802.11ax(20MHz,40MHz,80MHz)(OFDMA/OFDM /DSSS) 1024-QAM, 256-QAM, 64-QAM, 16-QAM, QPSK,BPSK	

1.3 測試方法之依據

本測試報告之所有項目皆依據國家通訊傳播委員會低功率射頻電機技術規範以及參考 IEEE ANSI、歐盟 ETSI EN 與美國 EIA、FCC 47 CFR PART 2、KDB 及 ARIB STD-T67 等有關檢驗之規定。

試驗室介紹：財團法人台灣商品檢測驗證中心電磁相容試驗室通過下列評鑑、認可、登錄與相互認可協議：

- ❶ ISO/IEC 17025 : TAF(0371), NVLAP(Lab code: 200133-0), CBTL(TÜ V SÜ D)
- ❷ Recognized : BSMI, NCC, FCC(TW0371, TW1112), ISED(Industry Canada Site # 2949A-2)
- ❸ Filing : VCCI (C-13518, R-13177, G-10098, T-11682)
- ❹ MRA : Australia, New Zealand, Singapore

2 適用規範

2.1 規範要求

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻器材技術規範之3.3節，電源傳導干擾之限制要求如下：

頻率範圍 MHz	傳導限制值(dB μ V)	
	準峰值(Quasi-peak)	平均值(Average)
0.15 – 0.5	66-56(註)	56-46(註)
0.5 – 5	56	46
5 – 30	60	50

註:隨頻率之對數遞減

(2) 天線增益之要求

天線的規格不受國家通訊傳播委員會低功率射頻器材技術規範3.2節規定之限制，其發射天線之方向性增益超過6dBi時，應依其所超過之dB數等量降低峰值輸出功率。

如用於固定式點對點操作時，依法規5.7.3.3(3)供固定式點對點操作時，使用方向增益超過6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(3) 頻寬之要求

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.5節之規定，6dB頻寬至少應有500 kHz。

(4) 最大傳導輸出功率之要求

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.3節(1)之規定，最大傳導輸出功率應小於或等於1 W。

(5) 功率密度之要求

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.3.3節之(2)規定，在任何500 kHz 頻帶中最大功率頻譜密度應小於或等於30 dBm

(6) 發射限制之要求

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.4.2節之規定，在5.725 GHz～5.850 GHz 的頻段操作之發射器：所有頻帶邊緣向外5MHz 內頻率之發射，有效等向輻射功率(EIRP) ≤ 27 dBm/MHz ~ 15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外5 MHz ~ 25 MHz，有效等向輻射功率(EIRP) ≤ 15.6 dBm/MHz ~ 10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外25 MHz ~ 75 MHz，有效等向輻射功率(EIRP) ≤ 10 dBm/MHz ~ -27 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 ≥ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) ≤ -27 dBm/MHz；有關遮罩限制值詳圖 1。

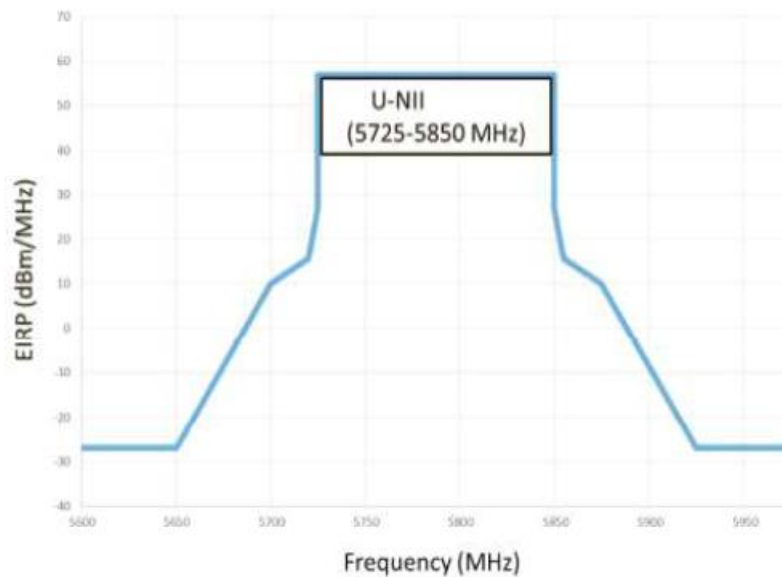


圖 1

(7) 輻射之規定

依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.4.6節之要求，不必要發射頻率屬3.5 節規定頻段者，應符合3.6 節之規定。3.6 節限制要求：

頻率(f) MHz	電場強度 (微伏特/公尺， μ V/m)	測距 (公尺)
$0.009 \leq f \leq 0.490$	$2400/f(\text{kHz})$	300
$0.490 < f \leq 1.705$	$24000/f(\text{kHz})$	30
$1.705 < f < 30$	30	30
$30 \leq f \leq 88$	100	3
$88 < f \leq 216$	150	3
$216 < f \leq 960$	200	3
$960 < f$	500	3

2.2 限制使用之頻帶

頻率 (MHz)	頻率 (MHz)
0.090~0.110	1660.0~1785.0
0.490~0.510	1805.0~1880.0
2.172~2.198	1885.0~1900.0
3.013~3.033	1905.0~1985.0
4.115~4.198	2010.0~2025.0
5.670~5.690	2110.0~2170.0
6.200~6.300	2200.0~2300.0
8.230~8.400	2310.0~2390.0
12.265~12.600	2483.5~2900.0
13.340~13.430	3260.0~3267.0
14.965~15.020	3332.0~3339.0
16.700~16.755	3345.8~3358.0
19.965~20.020	3500.0~4400.0
25.500~25.700	4500.0~5250.0
37.475~38.275	5350.0~5460.0
73.500~75.400	7250.0~7750.0
108.00~138.00	8025.0~8500.0
149.90~150.05	9000.0~9200.0
156.70~156.90	9300.0~9500.0
162.01~167.17	10600~12700
167.72~173.20	13250~13400
240.00~285.00	14470~14500
322.00~335.40	15350~16200
399.90~410.00	17700~21400
485.00~510.00	22010~23120
608.00~614.00	23600~24000
703.00~748.00	31200~31800
758.00~803.00	36430~36500
825.00~915.00	38600 以上
930.00~1240.0	
1300.0~1427.0	
1435.0~1626.5	

3 受測裝置之系統說明

3.1 受測裝置

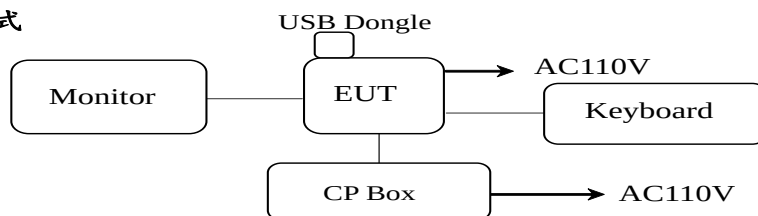
裝置名稱	製造者/代理者	型 號	纜線說明
* Testing Kit for PlayStation® 5	Sony Interactive Entertainment Inc.	DFI-T1000AA	非隔離電源線 1.5m* 1 (廠牌:I-sheng /型號:SP-18B)
Keyboard	DELL	KB216P	非隔離信號線 1.8m * 1
Monitor	DELL	SE2216H	非隔離電源線 2.1m * 1
USB Dongle	SONY	USM16CA1	----
Notebook	HP	Probook650G1	非隔離信號線 10m * 1 (LAN)
USB HDD	SONY	HD-EG5	隔離信號線 1.0m * 1 (USB 3.0)
USB HDD	I/O DATA	HDPX-JTCIK	隔離信號線 30cm * 1 (USB Type-C)
Wireless Router	ASUS	RT-AX88U	非隔離電源線 2.3m* 1/Adaptor
Wireless Router	TP-LINK	TL-WDR4300	非隔離電源線 1.8m* 1/Adaptor 非隔離信號線 10m * 1 (LAN)
Media Remote	SONY	CFI-ZMR1	----
*Wireless Controller	SONY	CFI-ZCT1G	----
Wireless Controller	SONY	CFI-ZCT1G	----
CP Box	Sony Interactive Entertainment Inc.	CPBH-100	非隔離電源線 1.0m 1/Adaptor (廠牌:SONY/型號:CUH-ZAC1) 非隔離電源線 1.5m* 1 (廠牌:I-sheng /型號: SP-18B + VCTFK 2X0.75mm2 + IS-033C) 隔離信號線 20cm * 1
*USB Cable 1 (註 2)	LUXSHARE-ICT	L34U20	隔離信號線 1.5m * 1
*USB Cable 2 (註 2)	JPC	PK3U2EG	隔離信號線 1.5m * 1
*HDMI Cable	LUXSHARE-ICT	L34HD	隔離信號線 1.5m * 1

註: 1.標記“*”表欲申請之受測物及配件。

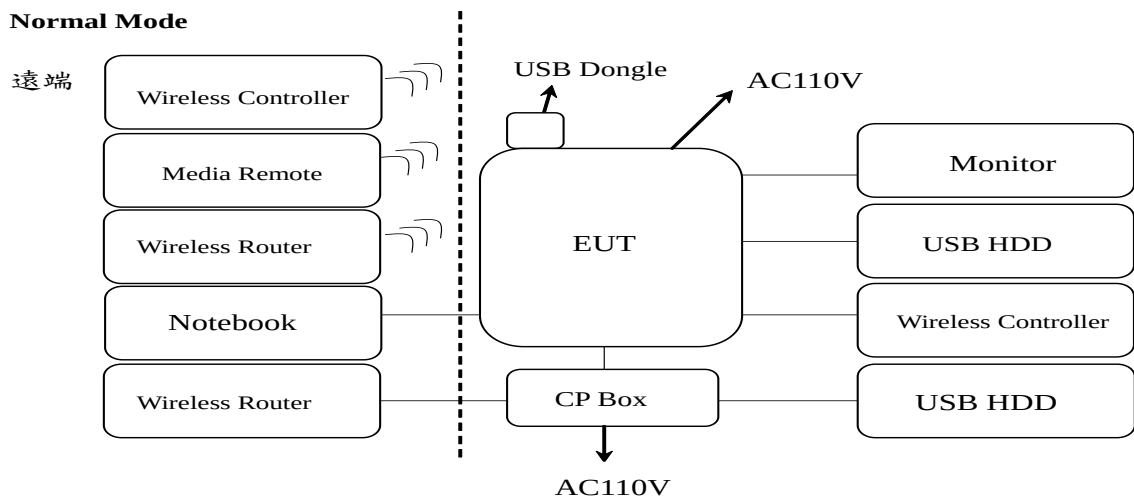
2.配件USB Cable 1和USB Cable 2，擇一搭配販售。

3.測試配置：

工程模式



Normal Mode



4. 測試模式:

4.1 IEEE 802.11a, 802.11n HT20, 802.11ac VHT20, IEEE 802.11ax (20MHz) mode:

測試頻道如下:

Channel	Frequency (MHz)
Low = 149	5745
Middle = 157	5785
High = 165	5825

IEEE 802.11a mode: 6 Mbps data rate is the worse case for full testing.

IEEE 802.11 n HT20, 802.11ac VHT20, IEEE 802.11ax (20MHz) mode: MCS0 data rate is the worse case for full testing.

4.2 IEEE 802.11n HT40, 802.11ac VHT40, IEEE 802.11ax (40MHz) mode:

測試頻道如下:

Channel	Frequency (MHz)
Low = 151	5755
High = 159	5795

IEEE 802.11 n HT40, 802.11ac VHT40, IEEE 802.11ax (40MHz) mode: MCS0 data rate is the worse case for full testing.

4.3 IEEE 802.11ac VHT80, IEEE 802.11ax (80MHz) mode:

測試頻道如下:

Channel	Frequency (MHz)
155	5775

IEEE 802.11 ac VHT80, IEEE 802.11ax (80MHz) mode: MCS0 data rate is the worse case for full testing.

5. 軟體設定: 樣品內含測試程式

Modulation	Power Setting
IEEE 802.11a	8
IEEE 802.11n HT20	8
IEEE 802.11n HT40	8
IEEE 802.11ac (20MHz)	8
IEEE 802.11ac (40MHz)	8
IEEE 802.11ac (80MHz)	8
IEEE 802.11ax (20MHz)	8
IEEE 802.11ax (40MHz)	8
IEEE 802.11ax (80MHz)	8

3.2 測試模式說明

3.2.1 調變方式及模式

Test Mode	Modulation	Note
A	IEEE 802.11a	-
B	IEEE 802.11n HT20	-
C	IEEE 802.11ac VHT20	-
D	IEEE 802.11n HT40	-
E	IEEE 802.11ac VHT40	-
F	IEEE 802.11ac VHT80	-
G	IEEE 802.11ax (20MHz)	-
H	IEEE 802.11ax (40MHz)	-
I	IEEE 802.11ax (80MHz)	-

Normal Mode:

Test Mode	Note
J	BD Playing+BT+LAN+CP BOX+USB Cable 1
K	Game+BT+WiFi+CP BOX+USB Cable 2

Mode	IEEE 802.11a/n20/ac/ax20	IEEE 802.11n40/ac/ax40	IEEE 802.11ac/ax80
Test Channel	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
Channel Low (L)	5745	5755	5775
Channel Mid (M)	5785	n/a	n/a
Channel High (H)	5825	5795	n/a

3.2.2 測試項目及模式

Item	測試項目	測試模式	測試頻道
1	電源線傳導干擾之量測	I、J、K (註1)	M(Worse Case)
2	發射頻寬之量測	-	-
3	最大傳導輸出功率之量測	-	-
4	功率密度之量測	-	-
5	混附波發射限制之量測	-	-
6	場強輻射之量測(主諧波)	A、G、H、I(註3)	L，M，H
6.1	場強輻射之量測(1GHz以下)	I、J、K (註1)	M(Worse Case)
6.2	場強輻射之量測(1GHz以上)	A、G、H、I(註3)	L，M，H

註: 1. 各測試模式預掃時無差異，擇一作最終測試並記錄之。

2. 802.11n/ac/ax 以 802.11ax 為 Worse case，作最終測試並記錄之。

3. 本產品內含雙天線，802.11n/ac/ax 模式下有 MIMO 之功能，故對兩隻天線分別進行測試再加總並記錄之。802.11a 無 MIMO 之功能，以最大傳導輸出功率較大者做為 Worse Case，進行其他項目之量測。

4. 量測場強輻射時，應對其兩個正交軸(X、Y)的方位評估測試，並分別測試以找出最大輻射電場強度軸向，以最差軸模式測試，並記錄其值與軸向放置。

5. 依 NCC 74 次一致性會議：審驗時不具一般正常使用模式者，得不包括一般正常使用模式。

6. 本次系列申請產品技術規格及射頻性能相同，故僅加測電源線傳導干擾及場強輻射測試。

3.2.3 測試場地

項次	測 試 場 地
1	☒ RE02 — EMC B1 — N2 第一大樓地下二樓 3m 半電波暗室(N2)
2	☒ CE04 — 10M 2F 第三大樓二樓傳導測試室(10m 大樓)
3	☐ RF — Cond01 第一大樓地下一樓直量測試區
4	☐ RF — Cond02 第一大樓地下二樓直量測試區

4 電源線傳導干擾之量測

4.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.3節之要求。

4.2 測試方法

將待測物置於0.8米高的非金屬桌面，使其在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由 0.15MHz 至 30MHz 之間之電源線傳導干擾強度。

4.3 量測電源線傳導干擾之儀器

儀器名稱	廠 牌	型 號
EMI Test Receiver	R&S	ESCI
V-LISN	R&S	ENV216

測試軟體: EZ-EMC (Ver. ETC-03A1)

4.4 傳導干擾之量測結果

測試工程師: 羅世勇

4.4.1 測試狀態: IEEE 802.11ax (80MHz)

File: 20-07-MAS-059

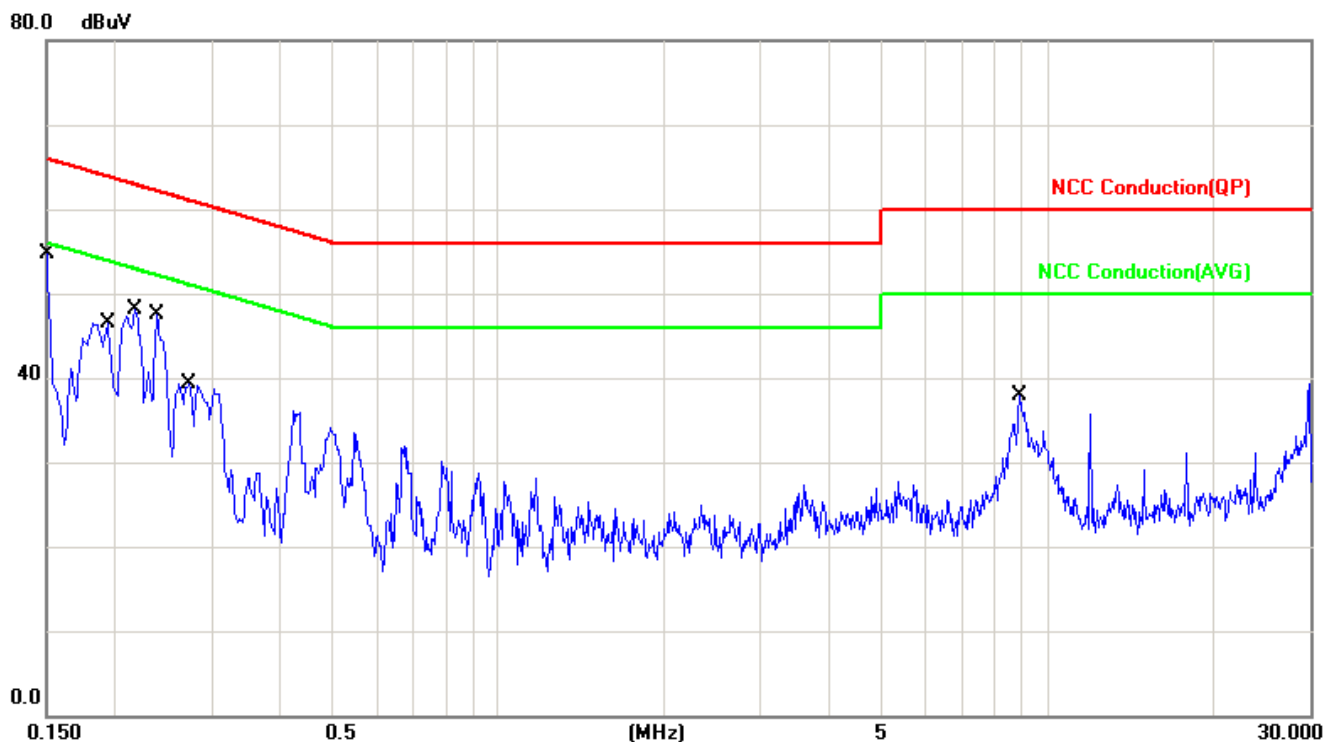
#8

Date: 2020/8/22

Temperature: 25 °C

Time: 上午 11:13:26

Humidity: 50 %



Site: CE04-10M 2F
 Condition: NCC Conduction(QP)
 EUT: Testing Kit for PlayStation5
 Model: DFI-T1000AA
 Test Mode: Band4
 Note:

Phase: L1
 Power: AC 110V/60Hz
 Operator:

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
*1	0.150	45.03	QP	9.65	54.68	66.00	-11.32
2	0.194	36.94	QP	9.64	46.58	63.86	-17.28
3	0.218	38.53	QP	9.64	48.17	62.89	-14.72
4	0.238	37.91	QP	9.64	47.55	62.17	-14.62
5	0.274	29.65	QP	9.64	39.29	61.00	-21.71
6	8.914	28.05	QP	9.81	37.86	60.00	-22.14

- 註： 1. “---”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
 2. “#”表示干擾值太小，直接量取其峰值。
 3. 標記“***”表示為本地震盪頻率及其諧波。
 4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

File: 20-07-MAS-059

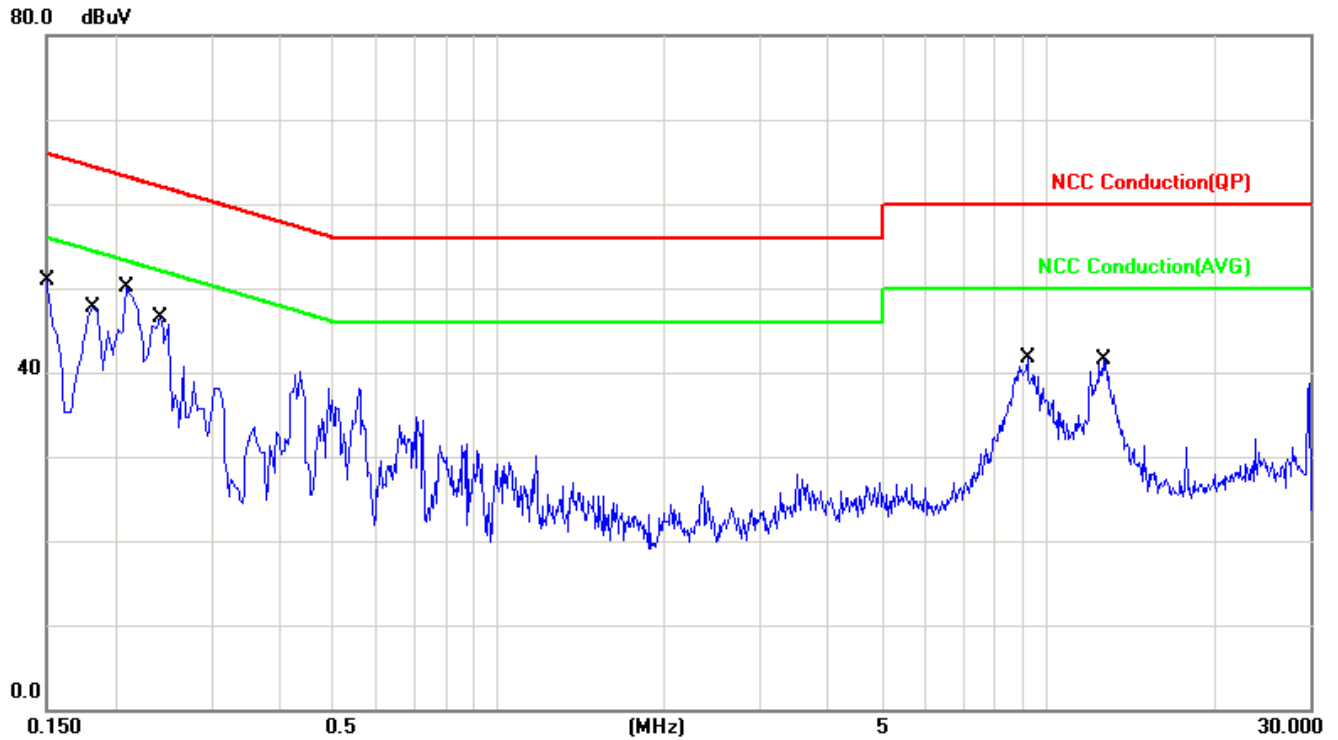
#7

Date: 2020/8/22

Temperature: 25 °C

Time: 上午 11:12:03

Humidity: 50 %



Site: CE04-10M 2F
 Condition: NCC Conduction(QP)
 EUT: Testing Kit for PlayStation5
 Model: DFI-T1000AA
 Test Mode: Band4
 Note:

Phase: N
 Power: AC 110V/60Hz
 Operator:

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	0.150	41.31	QP	9.59	50.90	66.00	-15.10
2	0.182	38.22	QP	9.58	47.80	64.39	-16.59
*3	0.210	40.42	QP	9.58	50.00	63.21	-13.21
4	0.242	36.98	QP	9.58	46.56	62.03	-15.47
5	9.190	31.92	QP	9.78	41.70	60.00	-18.30
6	12.586	31.61	QP	9.85	41.46	60.00	-18.54

- 註： 1. “----”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
 2. “#”表示干擾值太小，直接量取其峰值。
 3. 標記“***”表示為本地震盪頻率及其諧波。
 4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

4.4.2 測試狀態: BD Playing+BT+LAN+CP BOX+USB Cable 1

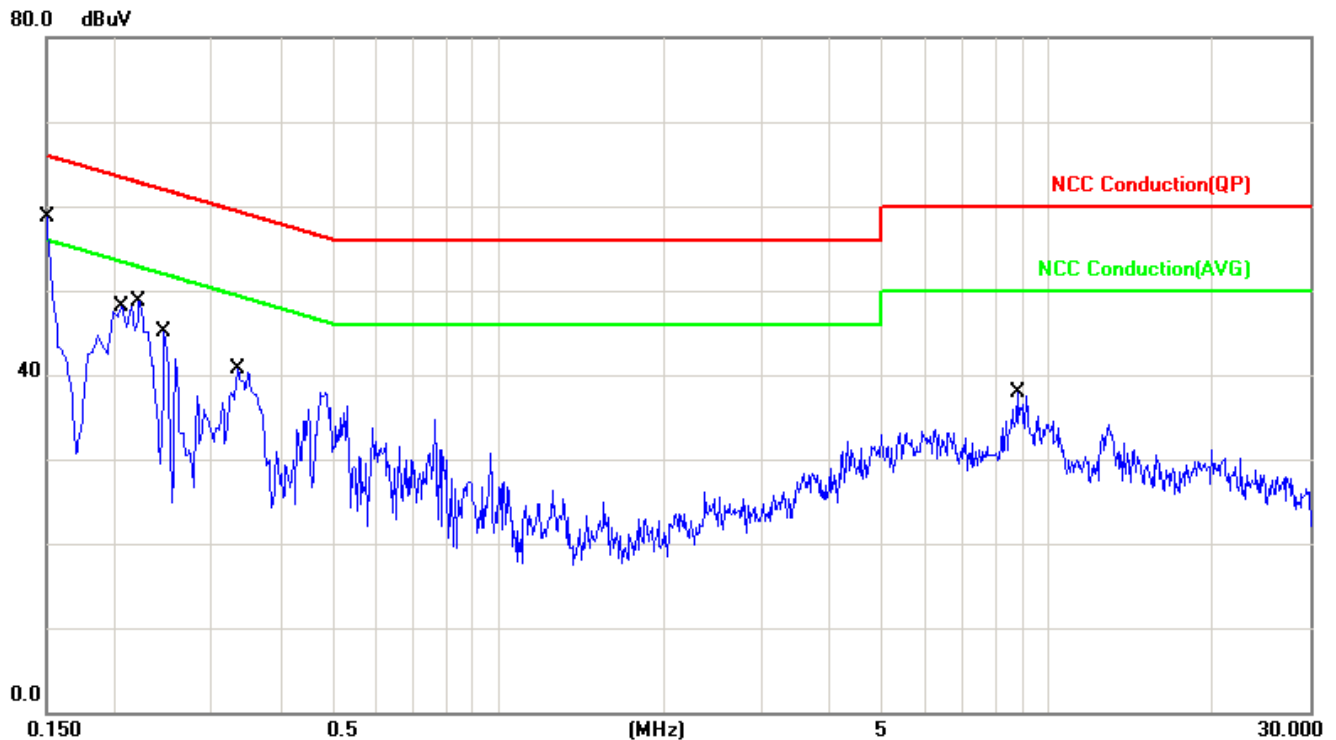
File: 20-07-MAS-059 #25

Date: 2020/8/22

Temperature: 25 °C

Time: 下午 02:52:07

Humidity: 50 %



Site: CE04-10M 2F
 Condition: NCC Conduction(QP)
 EUT: Testing Kit for PlayStation5
 Model: DFI-T1000AA
 Test Mode: Normal1
 Note: BD Playing+HDMI+BT+LAN+CP BOX+USB Cable 1

Phase: L1
 Power: AC 110V/60Hz

Operator:

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
*1	0.150	47.66	QP	9.65	57.31	66.00	-8.69
2	0.150	37.43	AVG	9.65	47.08	56.00	-8.92
3	0.206	38.44	QP	9.64	48.08	63.37	-15.29
4	0.222	38.98	QP	9.64	48.62	62.74	-14.12
5	0.246	35.56	QP	9.64	45.20	61.89	-16.69
6	0.334	31.02	QP	9.64	40.66	59.35	-18.69
7	8.814	28.04	QP	9.81	37.85	60.00	-22.15

- 註： 1. “----”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
 2. “#”表示干擾值太小，直接量取其峰值。
 3. 標記“***”表示為本地震盪頻率及其諧波。
 4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

File: 20-07-MAS-059

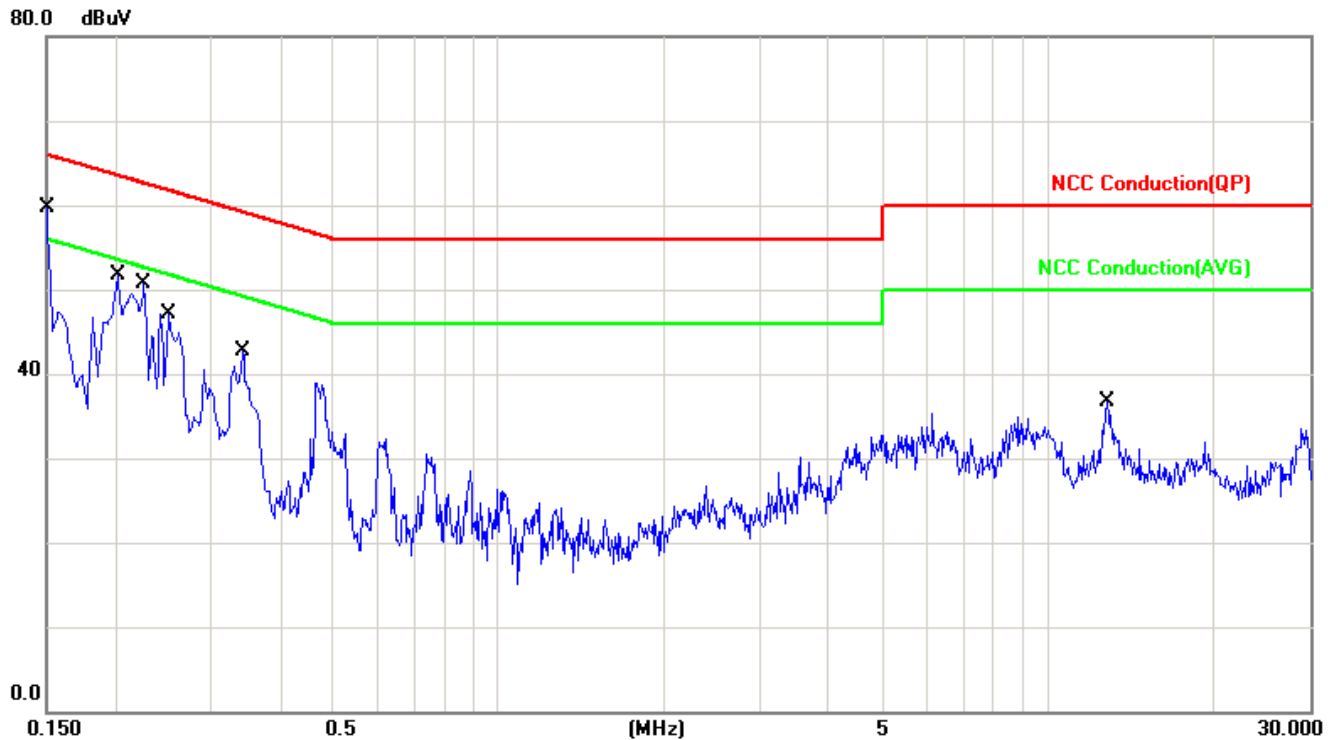
#26

Date: 2020/8/22

Temperature: 25 °C

Time: 下午 02:54:17

Humidity: 50 %



Site: CE04-10M 2F

Condition: NCC Conduction(QP)

EUT: Testing Kit for PlayStation5

Model: DFI-T1000AA

Test Mode: Normal1

Note: BD Playing+HDMI+BT+LAN+CP BOX+USB Cable 1

Phase: N

Power:

AC 110V/60Hz

Operator:

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
*1	0.150	49.88	QP	9.59	59.47	66.00	-6.53
2	0.150	37.71	AVG	9.59	47.30	56.00	-8.70
3	0.202	42.19	QP	9.58	51.77	63.53	-11.76
4	0.226	41.09	QP	9.58	50.67	62.60	-11.93
5	0.250	37.58	QP	9.58	47.16	61.76	-14.60
6	0.342	33.18	QP	9.58	42.76	59.15	-16.39
7	12.794	26.94	QP	9.85	36.79	60.00	-23.21

- 註： 1. “----”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
2. “#”表示干擾值太小，直接量取其峰值。
3. 標記“***”表示為本地震盪頻率及其諧波。
4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

4.4.3 測試狀態: Game+BT+WiFi+CP BOX+USB Cable 2

File: 20-07-MAS-059

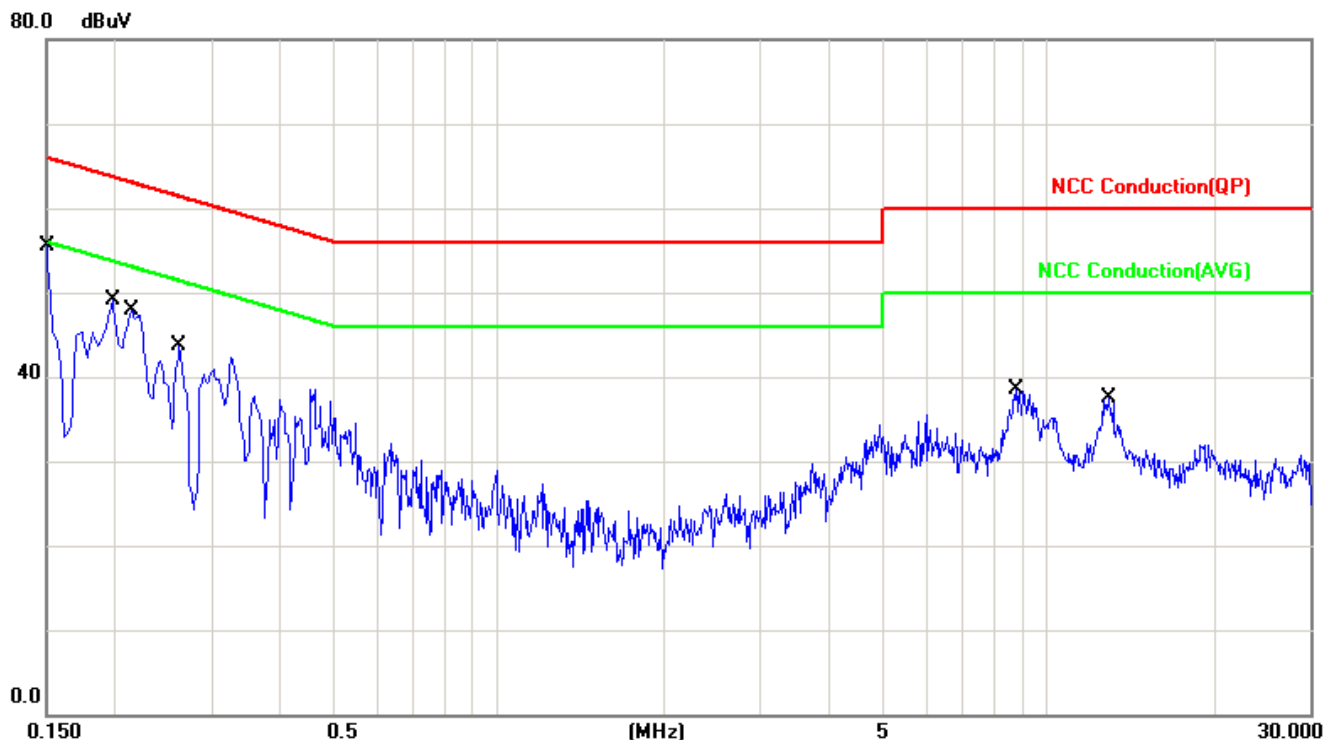
#28

Date: 2020/8/22

Temperature: 25 °C

Time: 下午 03:00:49

Humidity: 50 %



Site: CE04-10M 2F

Condition: NCC Conduction(QP)

EUT: Testing Kit for PlayStation5

Model: DFI-T1000AA

Test Mode: Normal2

Note: Game+HDMI+BT+WiFi+CP BOX+USB Cable 2

Phase:

L1

Power:

AC 110V/60Hz

Operator:

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
*1	0.150	43.98	QP	9.65	53.63	66.00	-12.37
2	0.150	31.39	AVG	9.65	41.04	56.00	-14.96
3	0.198	39.43	QP	9.64	49.07	63.69	-14.62
4	0.214	38.19	QP	9.64	47.83	63.05	-15.22
5	0.262	34.13	QP	9.64	43.77	61.37	-17.60
6	8.766	28.76	QP	9.81	38.57	60.00	-21.43
7	12.870	27.66	QP	9.85	37.51	60.00	-22.49

- 註： 1. “----”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
 2. “#”表示干擾值太小，直接量取其峰值。
 3. 標記“***”表示為本地震盪頻率及其諧波。
 4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

File: 20-07-MAS-059

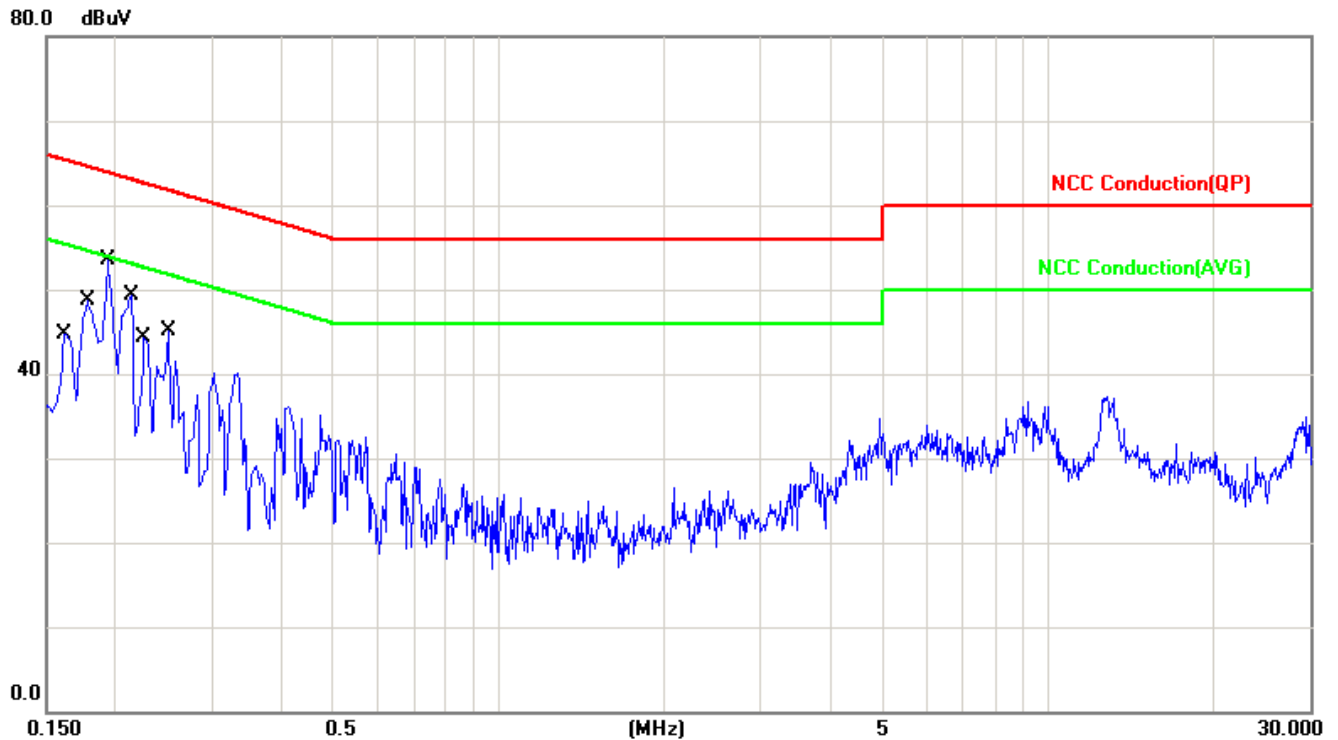
#27

Date: 2020/8/22

Temperature: 25 °C

Time: 下午 02:59:02

Humidity: 50 %



Site: CE04-10M 2F

Condition: NCC Conduction(QP)

Phase: N

EUT: Testing Kit for PlayStation5

Power: AC 110V/60Hz

Model: DFI-T1000AA

Test Mode: Normal2

Operator:

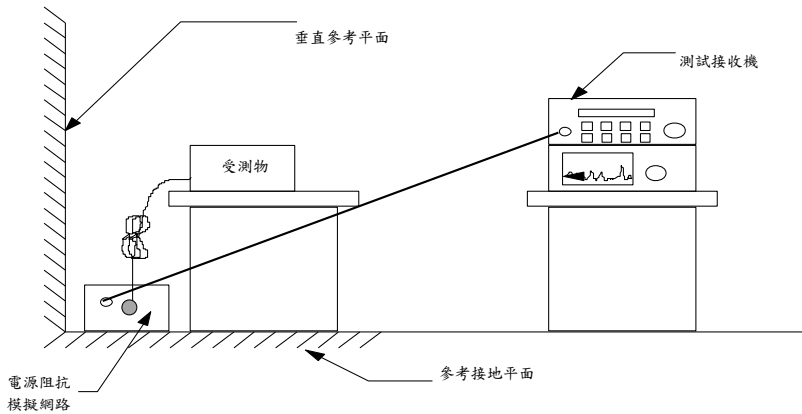
Note: Game+HDMI+BT+WiFi+CP BOX+USB Cable 2

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	0.162	35.14	QP	9.59	44.73	65.36	-20.63
2	0.178	39.06	QP	9.58	48.64	64.58	-15.94
*3	0.194	41.88	QP	9.58	51.46	63.86	-12.40
4	0.194	31.69	AVG	9.58	41.27	53.86	-12.59
5	0.214	39.78	QP	9.58	49.36	63.05	-13.69
6	0.226	34.66	QP	9.58	44.24	62.60	-18.36
7	0.250	35.47	QP	9.58	45.05	61.76	-16.71

- 註： 1. “----”表示量測準峰值的結果符合平均值的限制值，則視為同時符合準峰值與平均值的限制值，不需再對其平均值進行量測。
2. “#”表示干擾值太小，直接量取其峰值。
3. 標記“***”表示為本地震盪頻率及其諧波。
4. 量測不準確度: $\pm 2.5\text{dB}$ ($150\text{kHz} \leq f \leq 30\text{MHz}$)。

4.5 電源線傳導干擾之測試配置

圖 1



4.6 傳導量測之配置照片

請參考產品照片

5 場強輻射之量測

5.1 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範5.7.4.5節之規定，在 1GHz 以下的非必要之發射，應符合第 3.6節之規定，任何使用交流市電為供應電之設備亦須符合第 3.3 節之電源線傳導限制值。

依據國家通訊傳播委員會低功率射頻器材技術規範 5.7.4.6節之要求，不必要發射頻率屬 3.5 節規定頻段者，應符合3.6 節之規定。

5.2 量測方法

將待測物置於非金屬桌面，使其在測試模式狀態，且設定為高、中、低各頻道產生最高最大傳導輸出功率的傳輸速率，接收天線置於3米外，且桌面要360度旋轉，另外接收天線也要從1米至4米升降變化，接收天線置於水平、垂直極向各執行測試一次。待測物若為手持式則分別要以三軸相放置，並分別測試以找出最大輻射電場強度。

5.3 量測場強輻射之儀器

(1)量測儀器

儀器名稱	製造者	型號
EMI Receiver	R&S	ESCI
Spectrum Analyzer	R&S	FSU46
Horn Aantenna	EMCO	3117
Horn Aantenna	EMCO	3116
PRE-Amplifier	Agilent	8449B
PRE-Amplifier	Agilent	8447D
BiLog Aantenna	ETC	MCTD 2786
PRE-Amplifier	Agilent	83051A
Spectrum Analyzer	R&S	FSV

測試軟體: LZ-RF (Ver. ETC-3A2)

(2)儀器設定

Frequency Bnd (MHz)	Instrument	Function	Resolution Bndwidth	Video Bndwidth
30 to 1000	RF Test Receiver	Quasi-Peak	120 kHz	300 kHz
	RF Test Receiver	Peak	120 kHz	300 kHz
Above 1000	Spectrum Analyzer	Peak	1 MHz	1 MHz
	Spectrum Analyzer	Average	1 MHz	10 Hz

5.4 場強度之計算

場強之計算公式如下

$$\text{結果值} = \text{讀值} + \text{校正因子}$$

其中校正因子為：

天線因子+ 饋線損失+ 濾波器損失（若有使用）- 放大器增益（若有使用）
量測結果請見下頁。

5.5 場強輻射之量測結果

測試工程師: 羅世勇

5.5.1 諧波發射量測值

5.5.1.1 調變技術: IEEE 802.11a

a. Channel Low

操作模式 : 發射接收

基本波頻率 : 5745 MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11490.0000	H	---	---	8.0	---	---	74.0	54.0	---
11490.0000	V	---	---	8.0	---	---	74.0	54.0	---
17235.0000	H	---	---	13.5	---	---	74.0	54.0	---
17235.0000	V	---	---	13.5	---	---	74.0	54.0	---
22980.0000	H	---	---	19.5	---	---	74.0	54.0	---
22980.0000	V	---	---	19.5	---	---	74.0	54.0	---
28725.0000	H	---	---	21.1	---	---	74.0	54.0	---
28725.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel Mid

操作模式：發射接收

基本波頻率：5785MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11570.0000	H	---	---	8.0	---	---	74.0	54.0	---
11570.0000	V	---	---	8.0	---	---	74.0	54.0	---
17355.0000	H	---	---	14.3	---	---	74.0	54.0	---
17355.0000	V	---	---	14.3	---	---	74.0	54.0	---
23140.0000	H	---	---	19.4	---	---	74.0	54.0	---
23140.0000	V	---	---	19.4	---	---	74.0	54.0	---
28925.0000	H	---	---	21.1	---	---	74.0	54.0	---
28925.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

c. Channel High

操作模式：發射接收

基本波頻率：5825MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11650.0000	H	---	---	8.1	---	---	74.0	54.0	---
11650.0000	V	---	---	8.1	---	---	74.0	54.0	---
17475.0000	H	---	---	15.2	---	---	74.0	54.0	---
17475.0000	V	---	---	15.2	---	---	74.0	54.0	---
23300.0000	H	---	---	19.4	---	---	74.0	54.0	---
23300.0000	V	---	---	19.4	---	---	74.0	54.0	---
29125.0000	H	---	---	21.2	---	---	74.0	54.0	---
29125.0000	V	---	---	21.2	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}$ ($1\text{GHz} \leq f < 18\text{GHz}$)
 $\pm 4.4\text{dB}$ ($18\text{GHz} \leq f \leq 40\text{GHz}$)

5.5.1.2 調變技術: IEEE 802.11ax (20MHz)

a. Channel Low

操作模式：發射接收

基本波頻率：5745 MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse) (dB)
		Peak	AVG		Peak	AVG	Peak	AVG	
(MHz)	H/V			(dB)					
11490.0000	H	---	---	8.0	---	---	74.0	54.0	---
11490.0000	V	---	---	8.0	---	---	74.0	54.0	---
17235.0000	H	---	---	13.5	---	---	74.0	54.0	---
17235.0000	V	---	---	13.5	---	---	74.0	54.0	---
22980.0000	H	---	---	19.5	---	---	74.0	54.0	---
22980.0000	V	---	---	19.5	---	---	74.0	54.0	---
28725.0000	H	---	---	21.1	---	---	74.0	54.0	---
28725.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel Mid

操作模式：發射接收

基本波頻率：5785MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11570.0000	H	---	---	8.0	---	---	74.0	54.0	---
11570.0000	V	---	---	8.0	---	---	74.0	54.0	---
17355.0000	H	---	---	14.3	---	---	74.0	54.0	---
17355.0000	V	---	---	14.3	---	---	74.0	54.0	---
23140.0000	H	---	---	19.4	---	---	74.0	54.0	---
23140.0000	V	---	---	19.4	---	---	74.0	54.0	---
28925.0000	H	---	---	21.1	---	---	74.0	54.0	---
28925.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}$ ($1\text{GHz} \leq f < 18\text{GHz}$)
 $\pm 4.4\text{dB}$ ($18\text{GHz} \leq f \leq 40\text{GHz}$)

c. Channel High

操作模式：發射接收

基本波頻率：5825MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11650.0000	H	---	---	8.1	---	---	74.0	54.0	---
11650.0000	V	---	---	8.1	---	---	74.0	54.0	---
17475.0000	H	---	---	15.2	---	---	74.0	54.0	---
17475.0000	V	---	---	15.2	---	---	74.0	54.0	---
23300.0000	H	---	---	19.4	---	---	74.0	54.0	---
23300.0000	V	---	---	19.4	---	---	74.0	54.0	---
29125.0000	H	---	---	21.2	---	---	74.0	54.0	---
29125.0000	V	---	---	21.2	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}$ ($1\text{GHz} \leq f < 18\text{GHz}$)
 $\pm 4.4\text{dB}$ ($18\text{GHz} \leq f \leq 40\text{GHz}$)

5.5.1.3 調變技術: IEEE 802.11ax (40MHz)

a. Channel Low

操作模式：發射接收

基本波頻率：5755 MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
		Peak	AVG		Peak	AVG	Peak	AVG	
(MHz)	H/V			(dB)					(dB)
11510.0000	H	---	---	8.0	---	---	74.0	54.0	---
11510.0000	V	---	---	8.0	---	---	74.0	54.0	---
17265.0000	H	---	---	13.7	---	---	74.0	54.0	---
17265.0000	V	---	---	13.7	---	---	74.0	54.0	---
23020.0000	H	---	---	19.5	---	---	74.0	54.0	---
23020.0000	V	---	---	19.5	---	---	74.0	54.0	---
28775.0000	H	---	---	21.1	---	---	74.0	54.0	---
28775.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel High

操作模式：發射接收

基本波頻率：5795 MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
(MHz)	H/V	Peak	AVG	(dB)	Peak	AVG	Peak	AVG	(dB)
11590.0000	H	---	---	8.0	---	---	74.0	54.0	---
11590.0000	V	---	---	8.0	---	---	74.0	54.0	---
17385.0000	H	---	---	14.6	---	---	74.0	54.0	---
17385.0000	V	---	---	14.6	---	---	74.0	54.0	---
23180.0000	H	---	---	19.4	---	---	74.0	54.0	---
23180.0000	V	---	---	19.4	---	---	74.0	54.0	---
28975.0000	H	---	---	21.1	---	---	74.0	54.0	---
28975.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.1.4 調變技術: IEEE 802.11ax (80MHz)

操作模式：發射接收

基本波頻率：5775 MHz

測試日期: Sep. 23, 2020

環境溫度: 23°C

環境濕度: 55%

輻射 頻率	天線 極性	機器讀值 (dBuV/m)@3m		校正 因子	結果值 (dBuV/m)@3m		限制值 (dBuV/m)@3m		餘裕值 (worse)
		Peak	AVG		Peak	AVG	Peak	AVG	
(MHz)	H/V			(dB)					(dB)
11550.0000	H	---	---	8.0	---	---	74.0	54.0	---
11550.0000	V	---	---	8.0	---	---	74.0	54.0	---
17325.0000	H	---	---	14.2	---	---	74.0	54.0	---
17325.0000	V	---	---	14.2	---	---	74.0	54.0	---
23100.0000	H	---	---	19.5	---	---	74.0	54.0	---
23100.0000	V	---	---	19.5	---	---	74.0	54.0	---
28875.0000	H	---	---	21.1	---	---	74.0	54.0	---
28875.0000	V	---	---	21.1	---	---	74.0	54.0	---

註：1. 標記“---”表發射之訊號太弱而儀器無法量測。

2. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

3. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.2 諧波及其它不必要之訊號測試圖

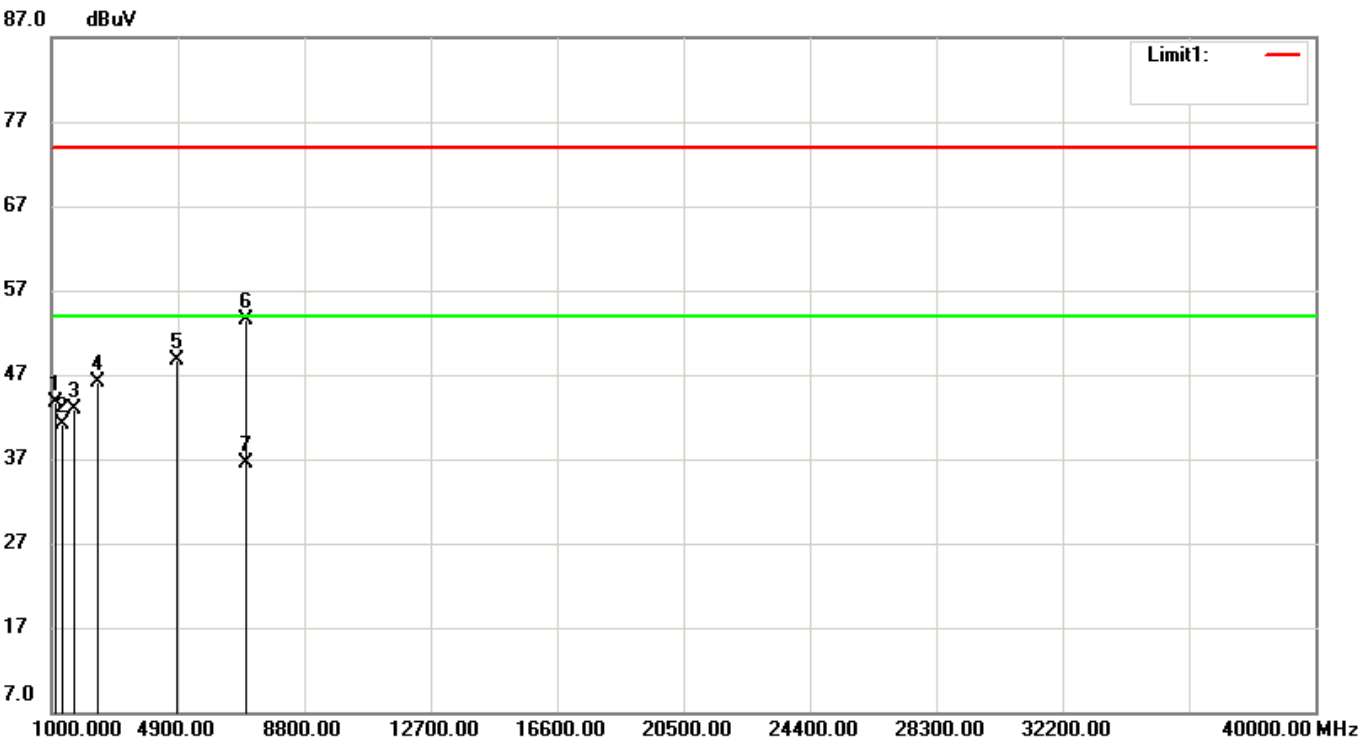
5.5.2.1 調變技術: IEEE 802.11a

a. Channel Low

操作模式：發射接收

基本波頻率：5745 MHz

File: 20-07-MAS-059_5-8a #21 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

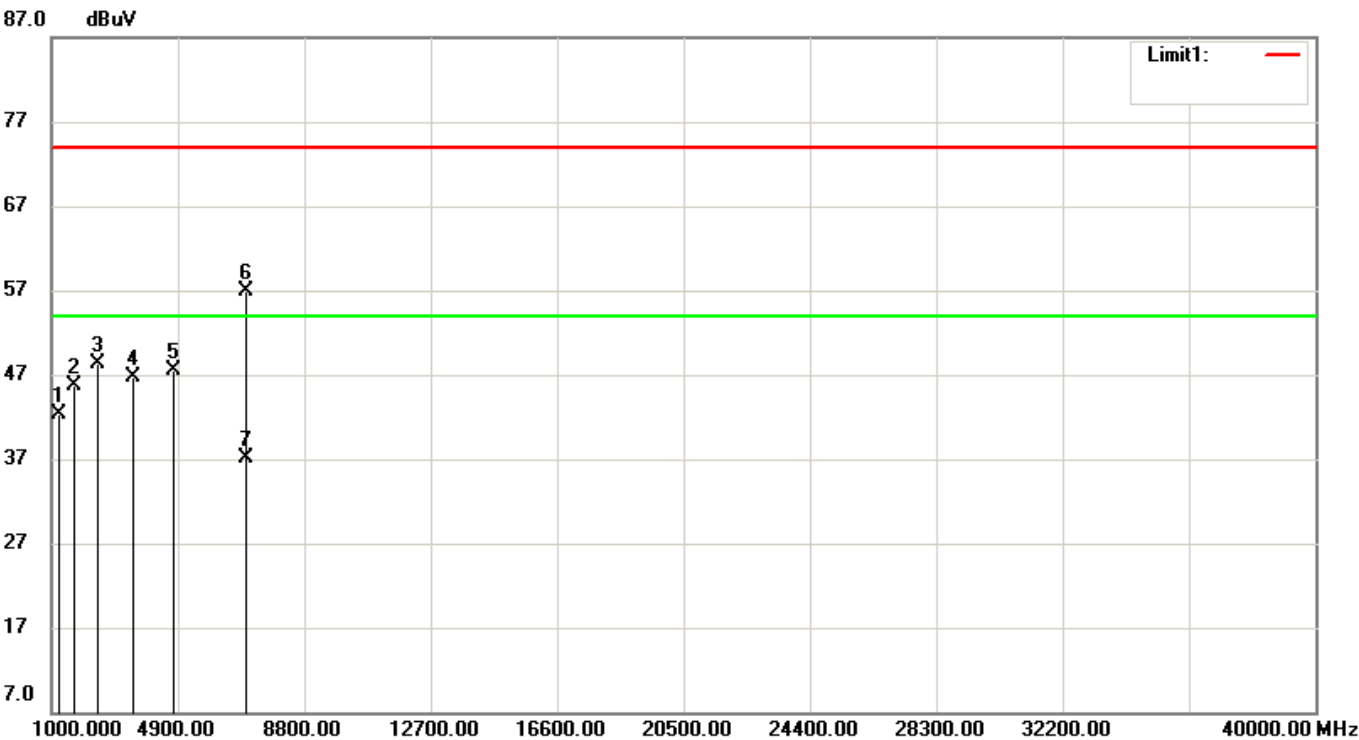
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1083.29320	52.92	peak	-9.26	43.66	74.00	-30.34
2	1257.45200	49.93	peak	-8.80	41.13	74.00	-32.87
3	1666.34610	49.54	peak	-6.70	42.84	74.00	-31.16
4	2408.41340	48.81	peak	-2.66	46.15	74.00	-27.85
5	4869.35100	47.49	peak	1.16	48.65	74.00	-25.35
6	6996.58320	50.05	peak	3.42	53.47	74.00	-20.53
7*	6996.58320	33.18	AVG	3.42	36.60	54.00	-17.40

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5745 MHz

File: 20-07-MAS-059_5-8a #22 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

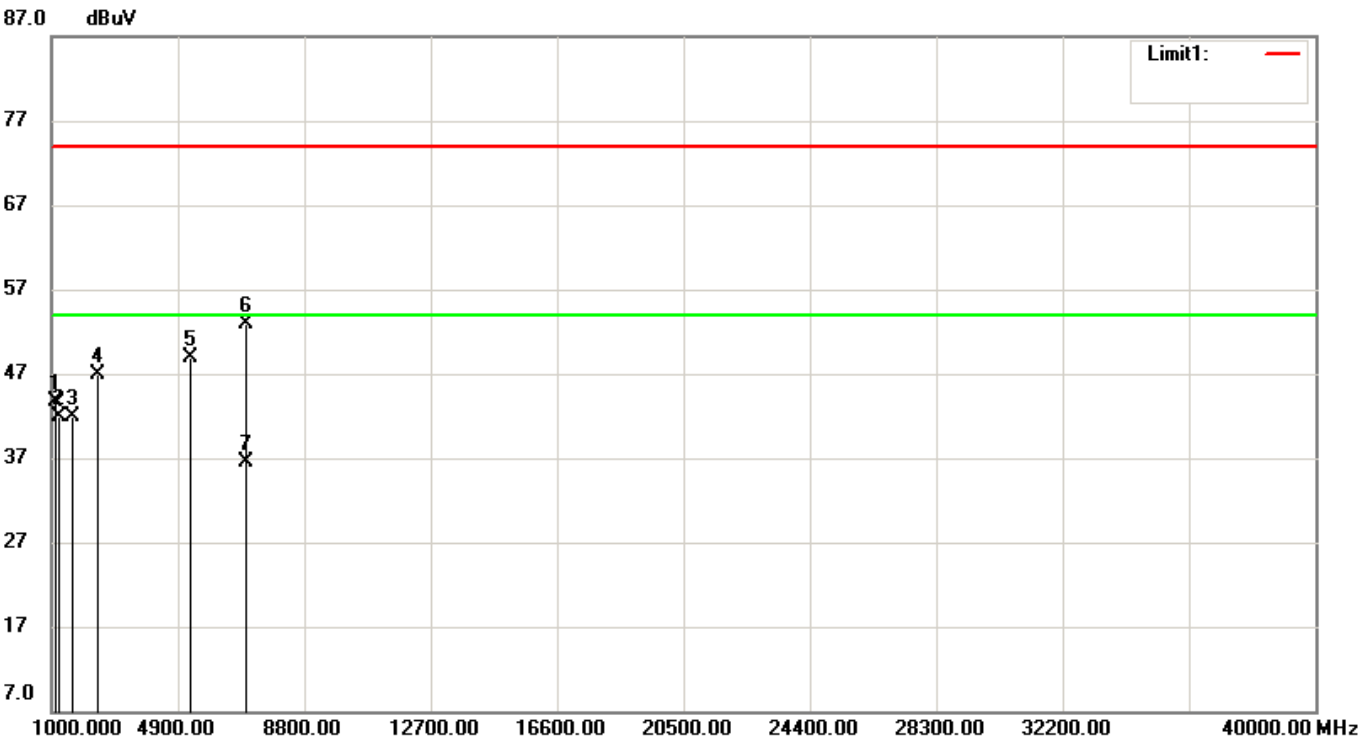
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1249.87980	51.04	peak	-8.83	42.21	74.00	-31.79
2	1666.34610	52.34	peak	-6.70	45.64	74.00	-28.36
3	2408.41340	50.90	peak	-2.66	48.24	74.00	-25.76
4	3438.22110	47.95	peak	-1.25	46.70	74.00	-27.30
5	4748.19710	46.63	peak	0.93	47.56	74.00	-26.44
6	6991.77550	53.45	peak	3.42	56.87	74.00	-17.13
7*	6991.77550	33.75	AVG	3.42	37.17	54.00	-16.83

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel Mid

操作模式：發射接收
基本波頻率：5785 MHz

File: 20-07-MAS-059_5-8a #23 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



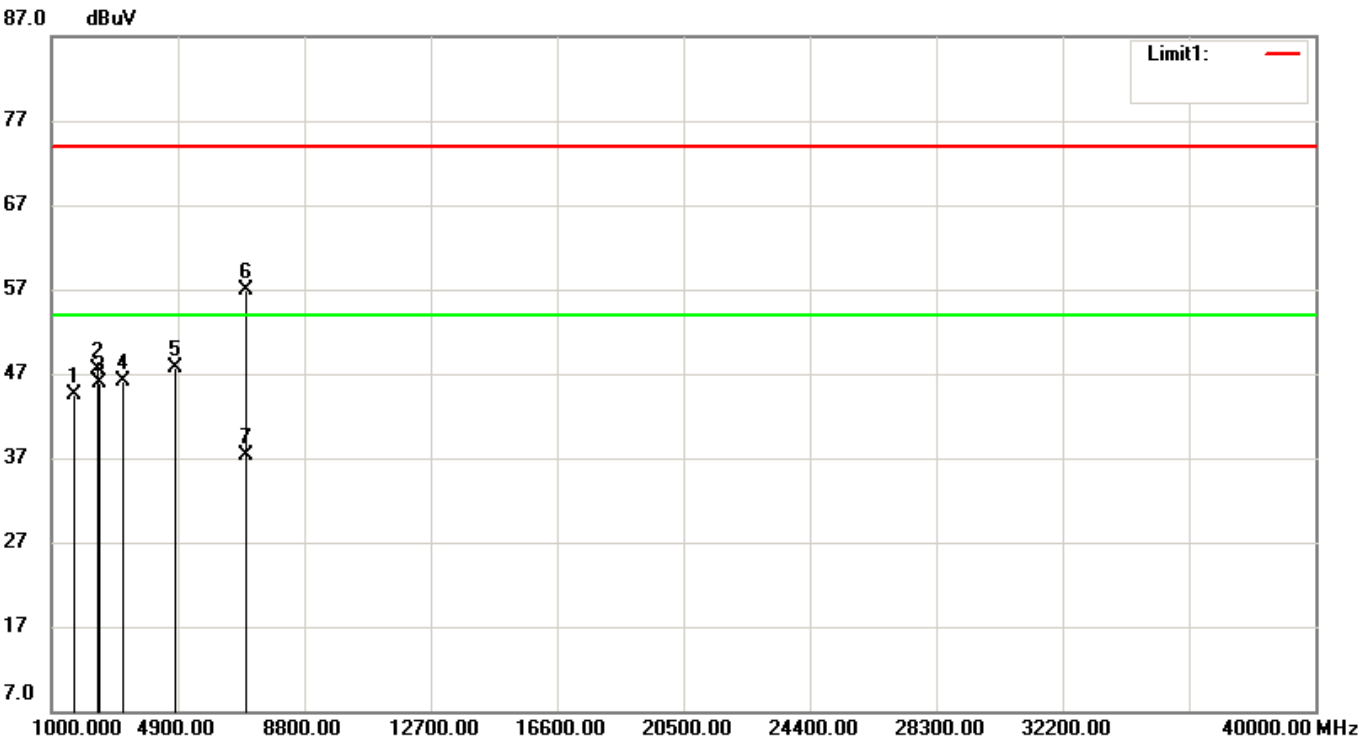
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH MID-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1083.29320	52.96	peak	-9.26	43.70	74.00	-30.30
2	1227.16340	50.73	peak	-8.88	41.85	74.00	-32.15
3	1598.19710	49.29	peak	-7.30	41.99	74.00	-32.01
4	2408.41340	49.66	peak	-2.66	47.00	74.00	-27.00
5	5308.53360	46.86	peak	2.13	48.99	74.00	-25.01
6	6996.10240	49.40	peak	3.42	52.82	74.00	-21.18
7*	6996.10240	33.17	AVG	3.42	36.59	54.00	-17.41

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5785 MHz

File: 20-07-MAS-059_5-8a #24 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH MID-1

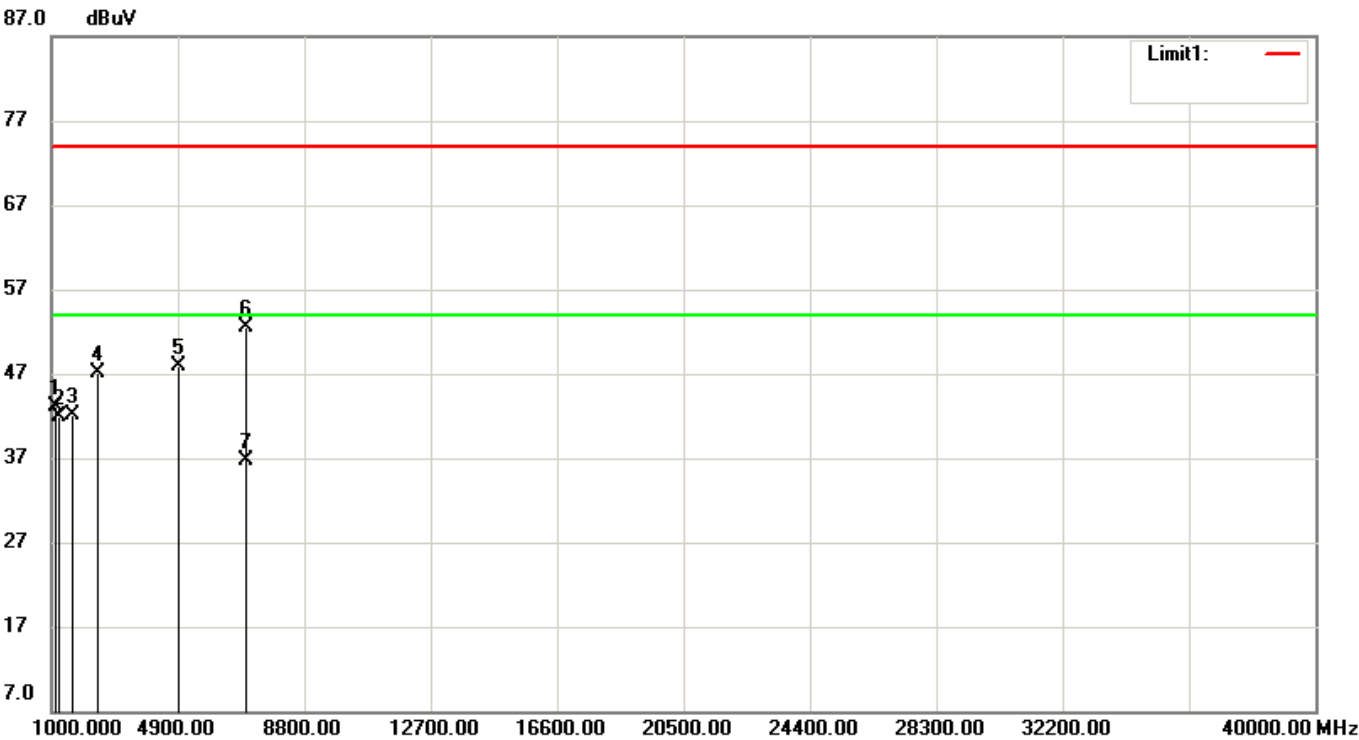
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1666.34610	51.27	peak	-6.70	44.57	74.00	-29.43
2	2408.41340	50.10	peak	-2.66	47.44	74.00	-26.56
3	2491.70670	48.43	peak	-2.44	45.99	74.00	-28.01
4	3135.33650	47.88	peak	-1.71	46.17	74.00	-27.83
5	4801.20200	46.67	peak	1.03	47.70	74.00	-26.30
6	6991.77550	53.58	peak	3.42	57.00	74.00	-17.00
7*	6991.77550	33.81	AVG	3.42	37.23	54.00	-16.77

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

c. Channel High

操作模式：發射接收
基本波頻率：5825 MHz

File: 20-07-MAS-059_5-8a #25 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



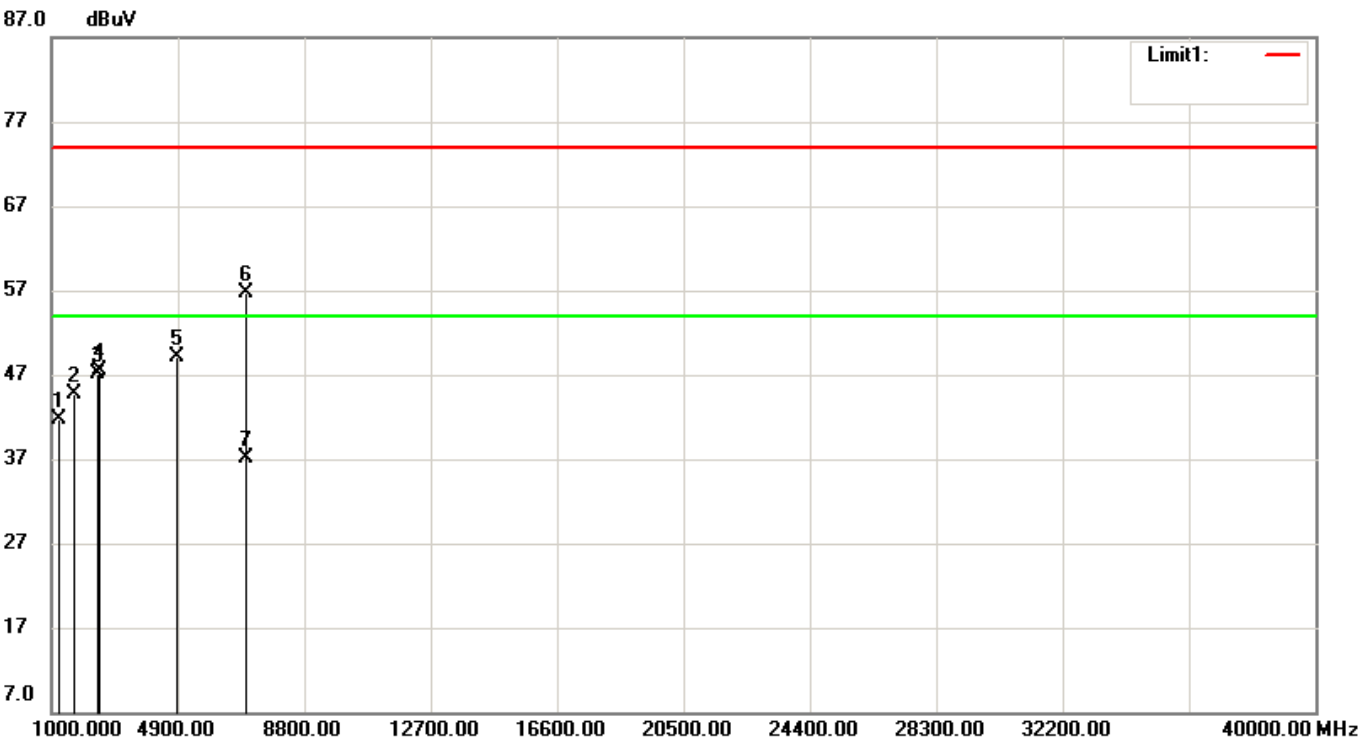
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1083.29320	52.35	peak	-9.26	43.09	74.00	-30.91
2	1249.87980	50.67	peak	-8.83	41.84	74.00	-32.16
3	1598.19710	49.34	peak	-7.30	42.04	74.00	-31.96
4	2408.41340	49.86	peak	-2.66	47.20	74.00	-26.80
5	4884.49510	46.78	peak	1.19	47.97	74.00	-26.03
6	6997.38450	49.06	peak	3.42	52.48	74.00	-21.52
7*	6997.38450	33.24	AVG	3.42	36.66	54.00	-17.34

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5825 MHz

File: 20-07-MAS-059_5-8a #26 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1249.87980	50.46	peak	-8.83	41.63	74.00	-32.37
2	1666.34610	51.49	peak	-6.70	44.79	74.00	-29.21
3	2408.41340	49.72	peak	-2.66	47.06	74.00	-26.94
4	2499.27880	49.83	peak	-2.42	47.41	74.00	-26.59
5	4869.35100	47.87	peak	1.16	49.03	74.00	-24.97
6	6992.41650	53.22	peak	3.42	56.64	74.00	-17.36
7*	6992.41650	33.65	AVG	3.42	37.07	54.00	-16.93

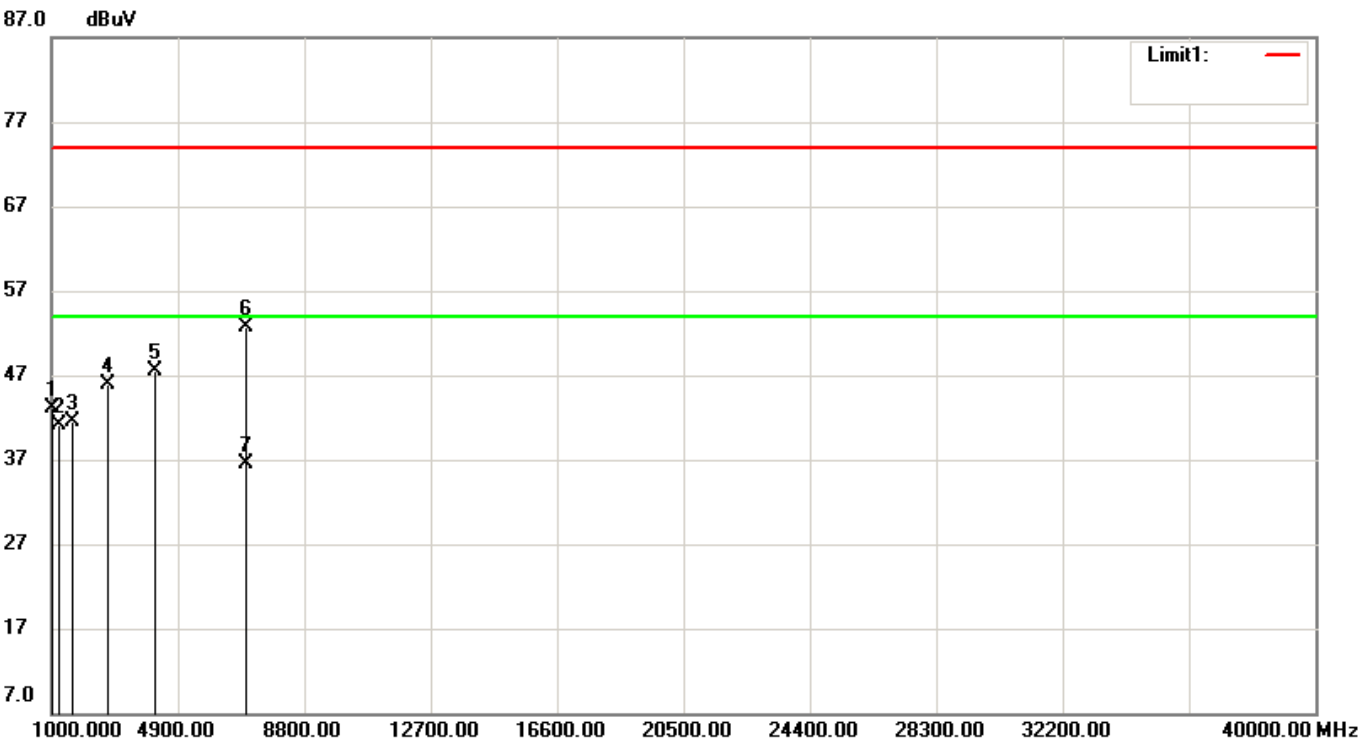
註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.2.2 調變技術: IEEE 802.11ax (20MHz)

a. Channel Low

操作模式：發射接收
基本波頻率：5745 MHz

File: 20-07-MAS-059_5-8ax20 #21 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



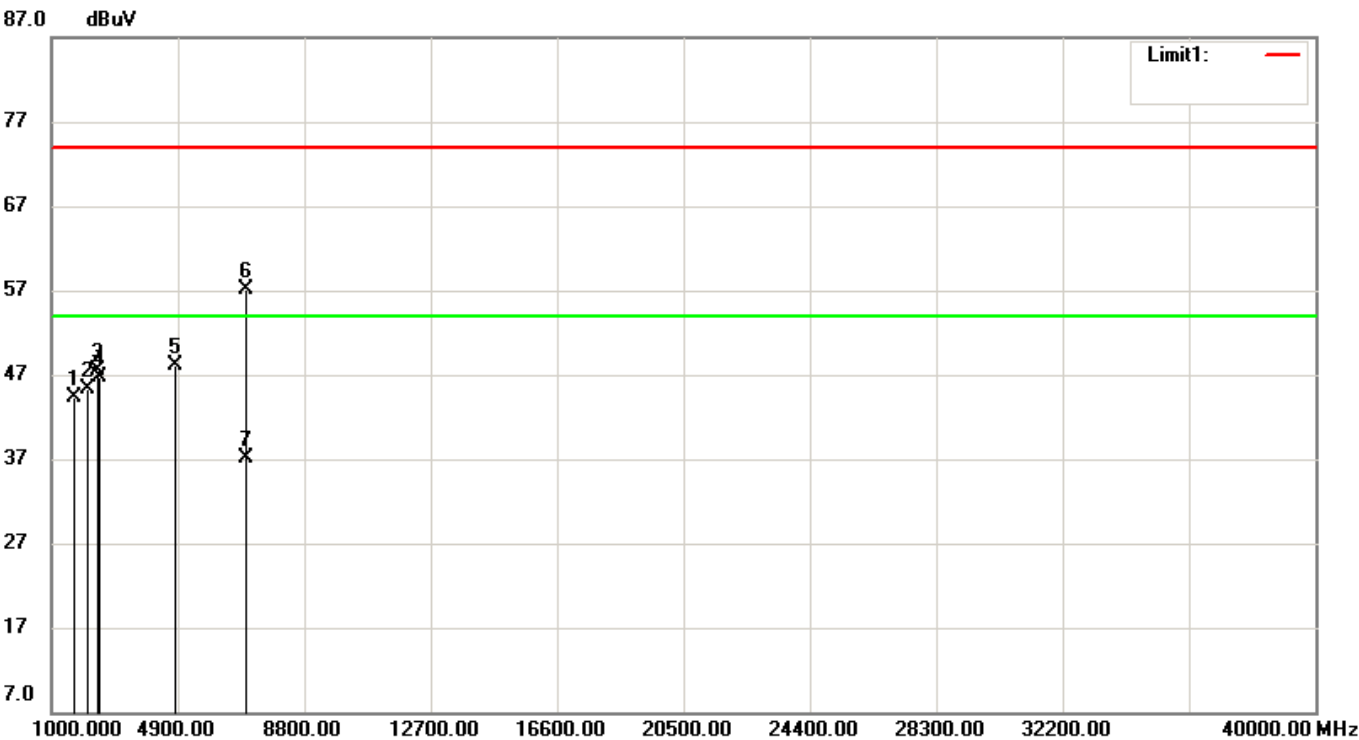
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1053.00480	52.41	peak	-9.34	43.07	74.00	-30.93
2	1227.16340	50.04	peak	-8.88	41.16	74.00	-32.84
3	1598.19710	48.83	peak	-7.30	41.53	74.00	-32.47
4	2688.58170	48.07	peak	-2.23	45.84	74.00	-28.16
5	4165.14420	47.16	peak	0.25	47.41	74.00	-26.59
6	6991.93580	49.36	peak	3.42	52.78	74.00	-21.22
7*	6991.93580	33.14	AVG	3.42	36.56	54.00	-17.44

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5745 MHz

File: 20-07-MAS-059_5-8ax20 #22 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

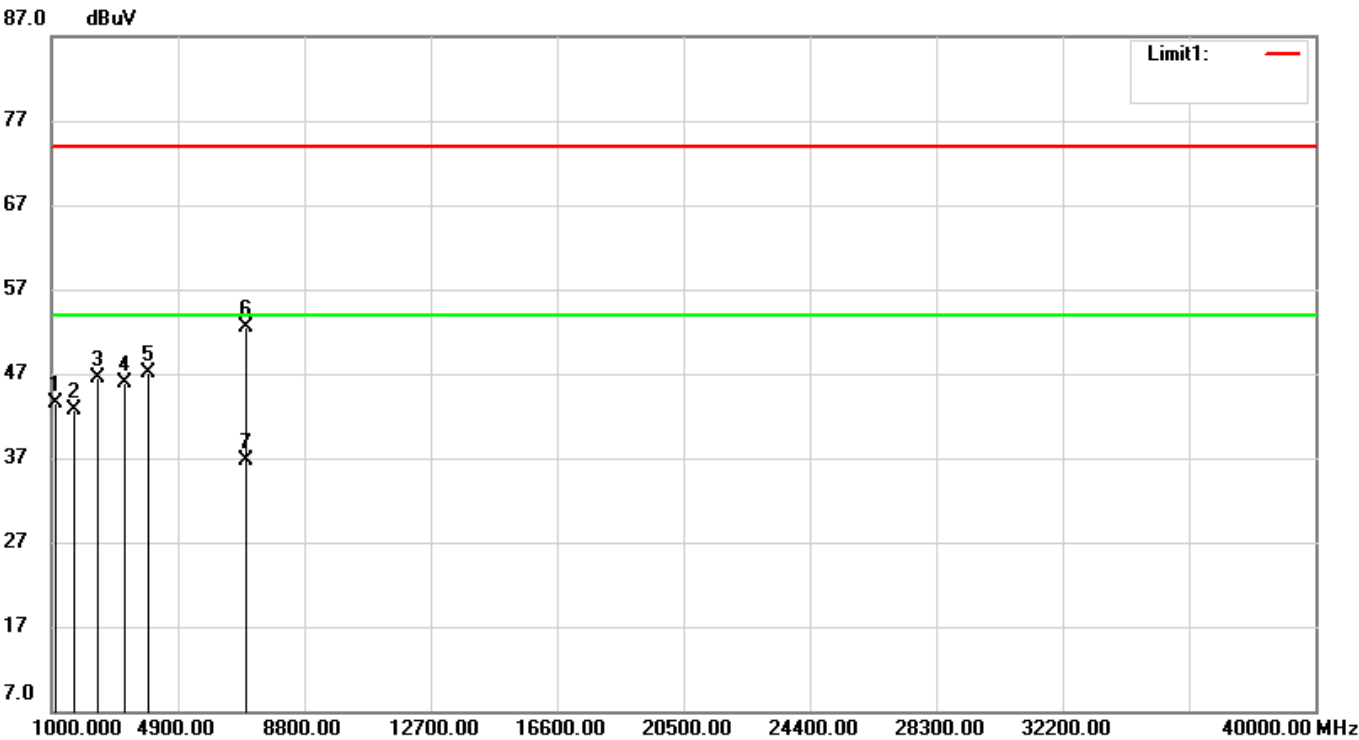
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1666.34610	51.03	peak	-6.70	44.33	74.00	-29.67
2	2105.52880	48.66	peak	-3.45	45.21	74.00	-28.79
3	2408.41340	50.26	peak	-2.66	47.60	74.00	-26.40
4	2499.27880	49.06	peak	-2.42	46.64	74.00	-27.36
5	4786.05760	47.01	peak	1.00	48.01	74.00	-25.99
6	6992.09600	53.65	peak	3.42	57.07	74.00	-16.93
7*	6992.09600	33.72	AVG	3.42	37.14	54.00	-16.86

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel Mid

操作模式：發射接收
基本波頻率：5785 MHz

File: 20-07-MAS-059_5-8ax20 #23 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



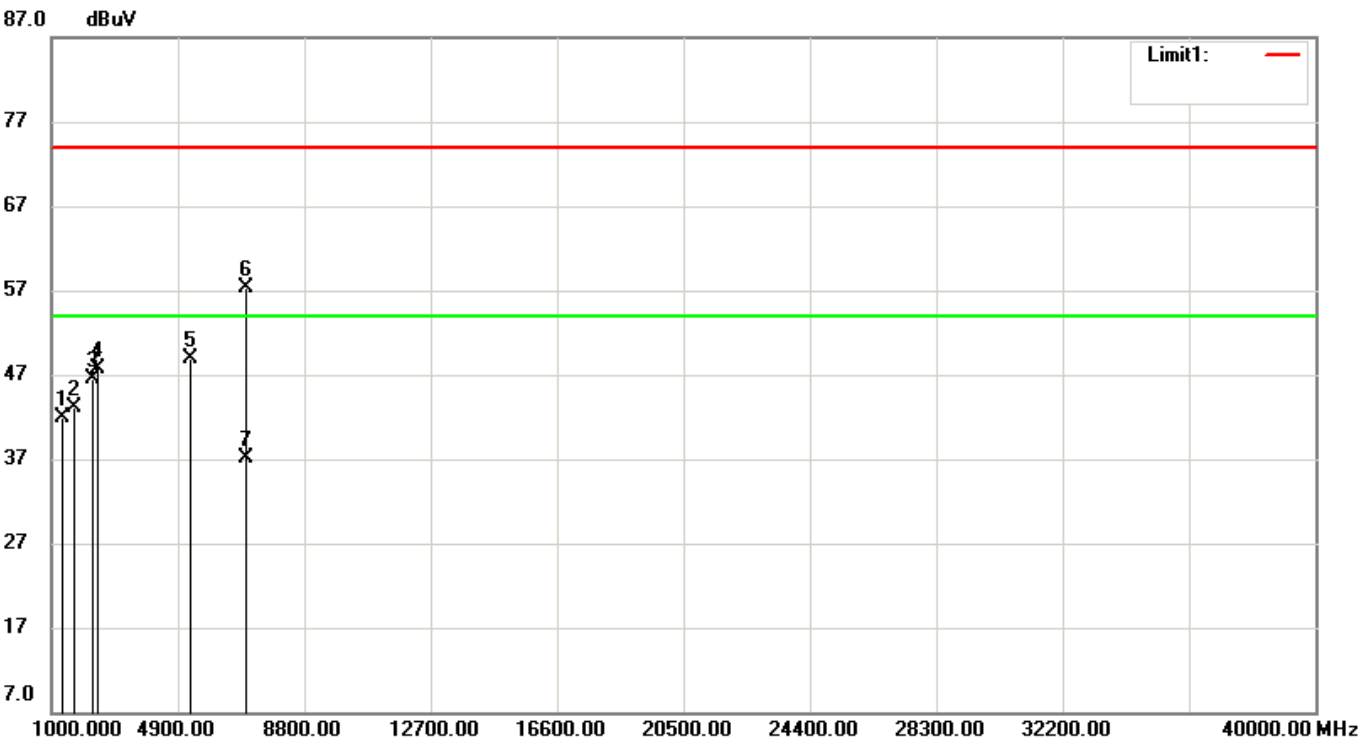
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH MID-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1068.14900	52.87	peak	-9.29	43.58	74.00	-30.42
2	1666.34610	49.42	peak	-6.70	42.72	74.00	-31.28
3	2408.41340	49.09	peak	-2.66	46.43	74.00	-27.57
4	3203.48550	47.50	peak	-1.60	45.90	74.00	-28.10
5	3975.84130	47.04	peak	0.08	47.12	74.00	-26.88
6	6991.93580	49.05	peak	3.42	52.47	74.00	-21.53
7*	6991.93580	33.24	AVG	3.42	36.66	54.00	-17.34

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5785 MHz

File: 20-07-MAS-059_5-8ax20 #24 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH MID-1

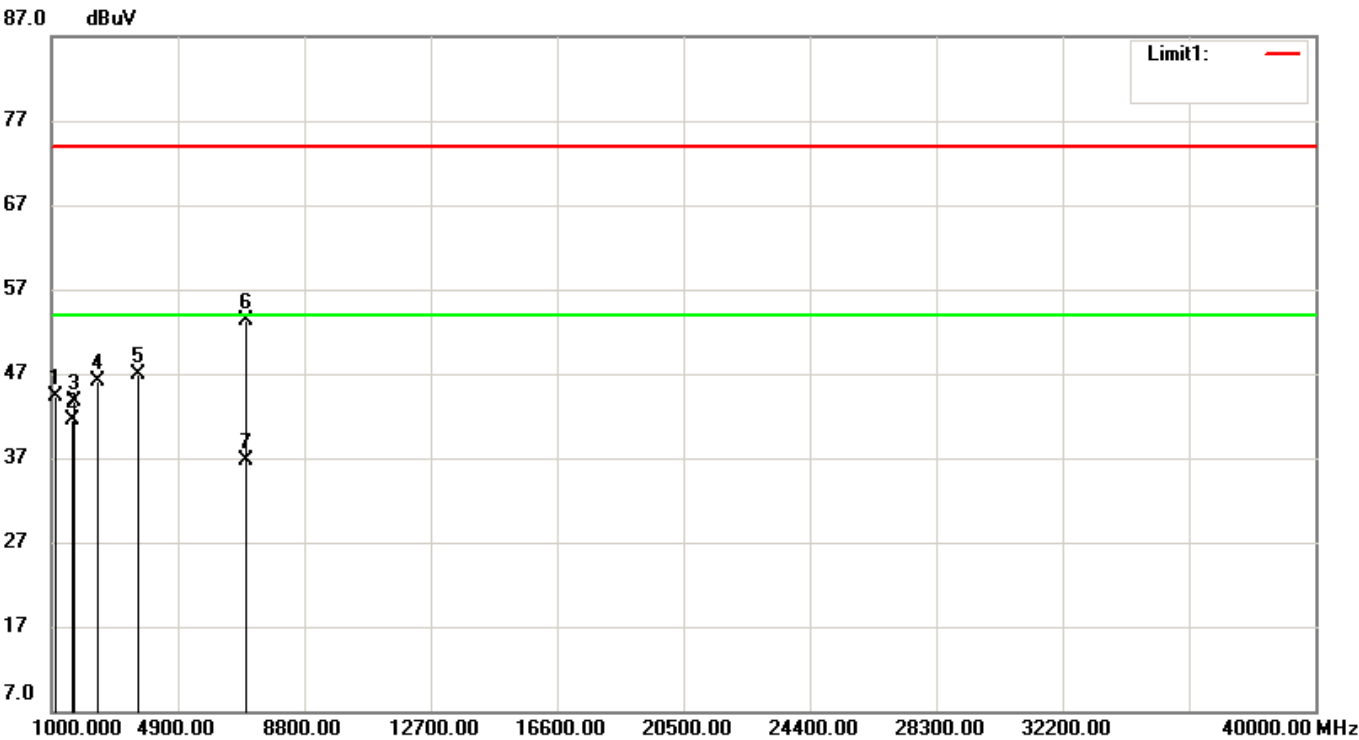
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1257.45200	50.72	peak	-8.80	41.92	74.00	-32.08
2	1666.34610	49.81	peak	-6.70	43.11	74.00	-30.89
3	2226.68260	49.58	peak	-3.13	46.45	74.00	-27.55
4	2408.41340	50.37	peak	-2.66	47.71	74.00	-26.29
5	5300.96150	46.80	peak	2.10	48.90	74.00	-25.10
6*	6991.77550	53.98	peak	3.42	57.40	74.00	-16.60
7	6991.77550	33.75	AVG	3.42	37.17	54.00	-16.83

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

c. Channel High

操作模式：發射接收
基本波頻率：5825 MHz

File: 20-07-MAS-059_5-8ax20 #25 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



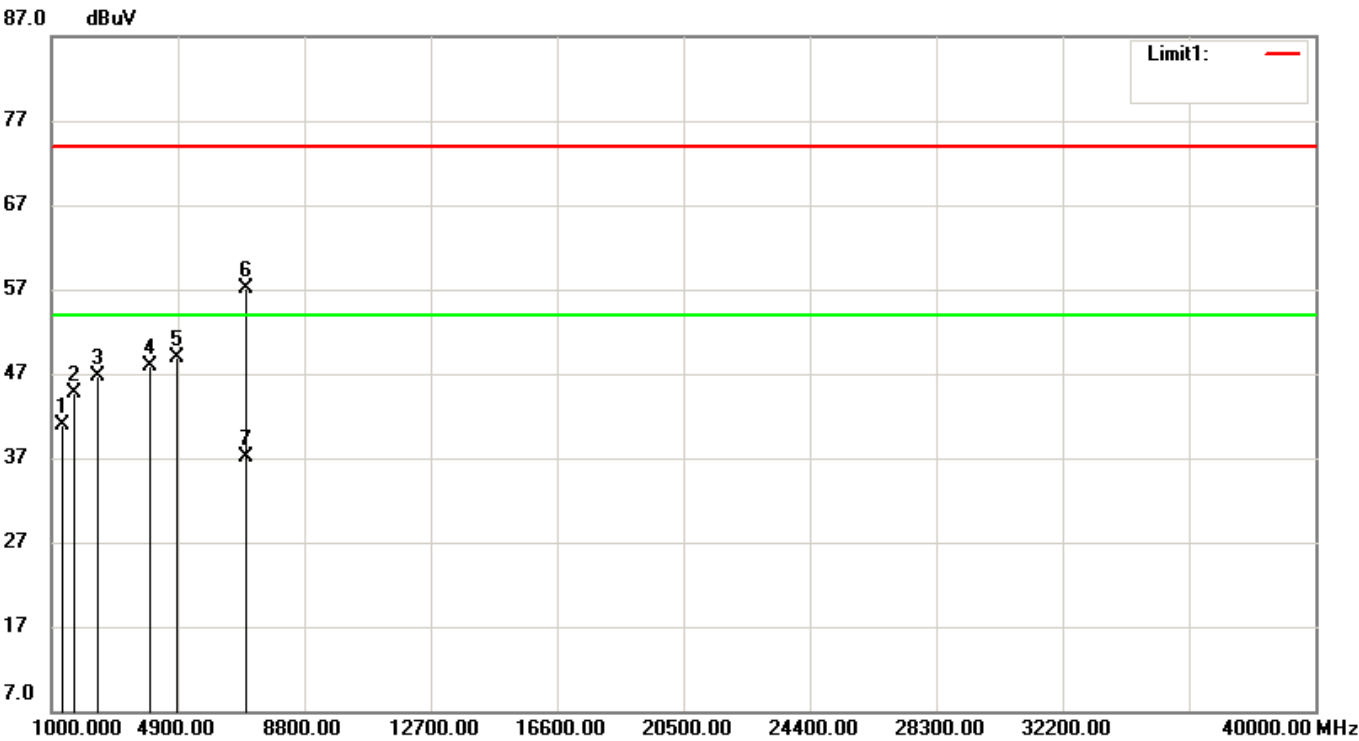
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1075.72110	53.51	peak	-9.28	44.23	74.00	-29.77
2	1590.62500	48.92	peak	-7.38	41.54	74.00	-32.46
3	1666.34610	50.40	peak	-6.70	43.70	74.00	-30.30
4	2408.41340	48.71	peak	-2.66	46.05	74.00	-27.95
5	3627.52400	47.67	peak	-0.84	46.83	74.00	-27.17
6	6998.02550	49.84	peak	3.42	53.26	74.00	-20.74
7*	6998.02550	33.26	AVG	3.42	36.68	54.00	-17.32

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5825 MHz

File: 20-07-MAS-059_5-8ax20 #26 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1302.88460	49.57	peak	-8.69	40.88	74.00	-33.12
2	1666.34610	51.36	peak	-6.70	44.66	74.00	-29.34
3	2408.41340	49.38	peak	-2.66	46.72	74.00	-27.28
4	4006.12980	47.73	peak	0.14	47.87	74.00	-26.13
5	4839.06250	47.88	peak	1.11	48.99	74.00	-25.01
6*	6991.77550	53.72	peak	3.42	57.14	74.00	-16.86
7	6991.77550	33.71	AVG	3.42	37.13	54.00	-16.87

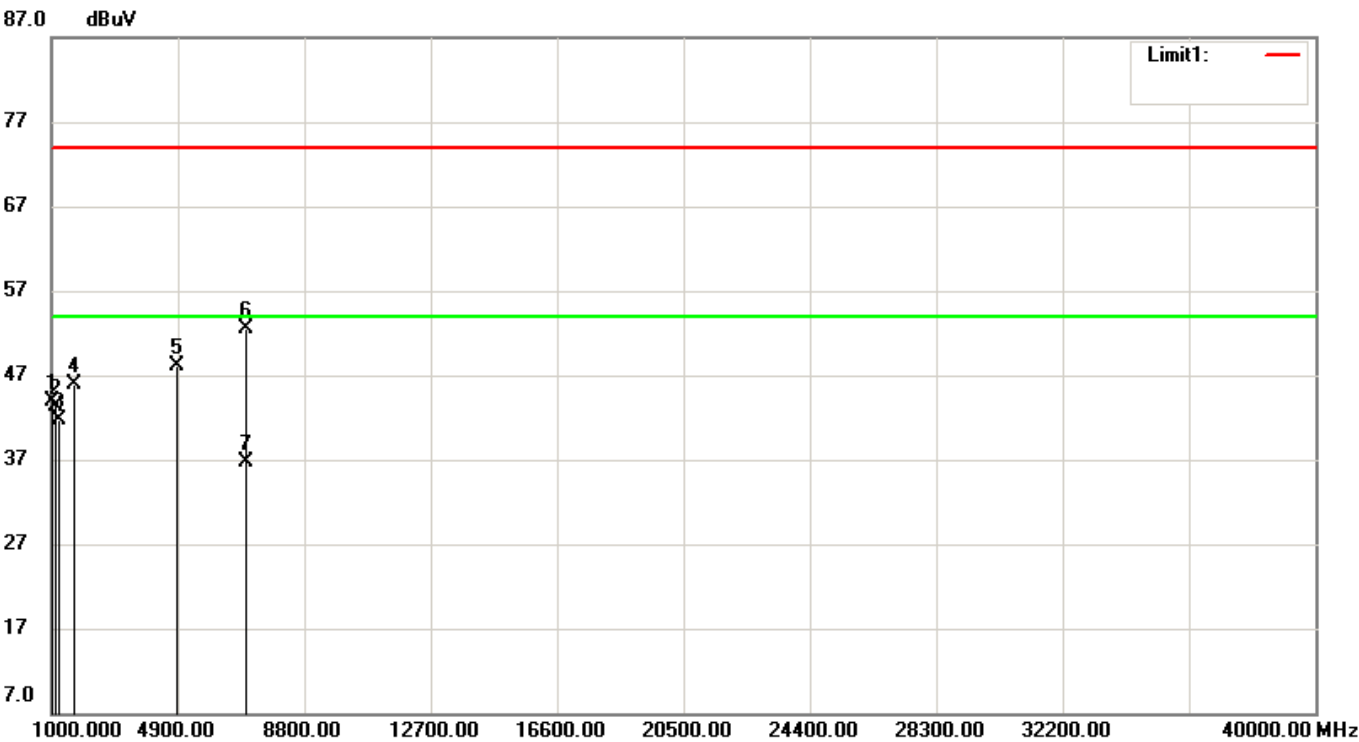
註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.2.3 調變技術: IEEE 802.11ax (40MHz)

a. Channel Low

操作模式：發射接收
基本波頻率：5755 MHz

File: 20-07-MAS-059_5-8ax40 #15 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



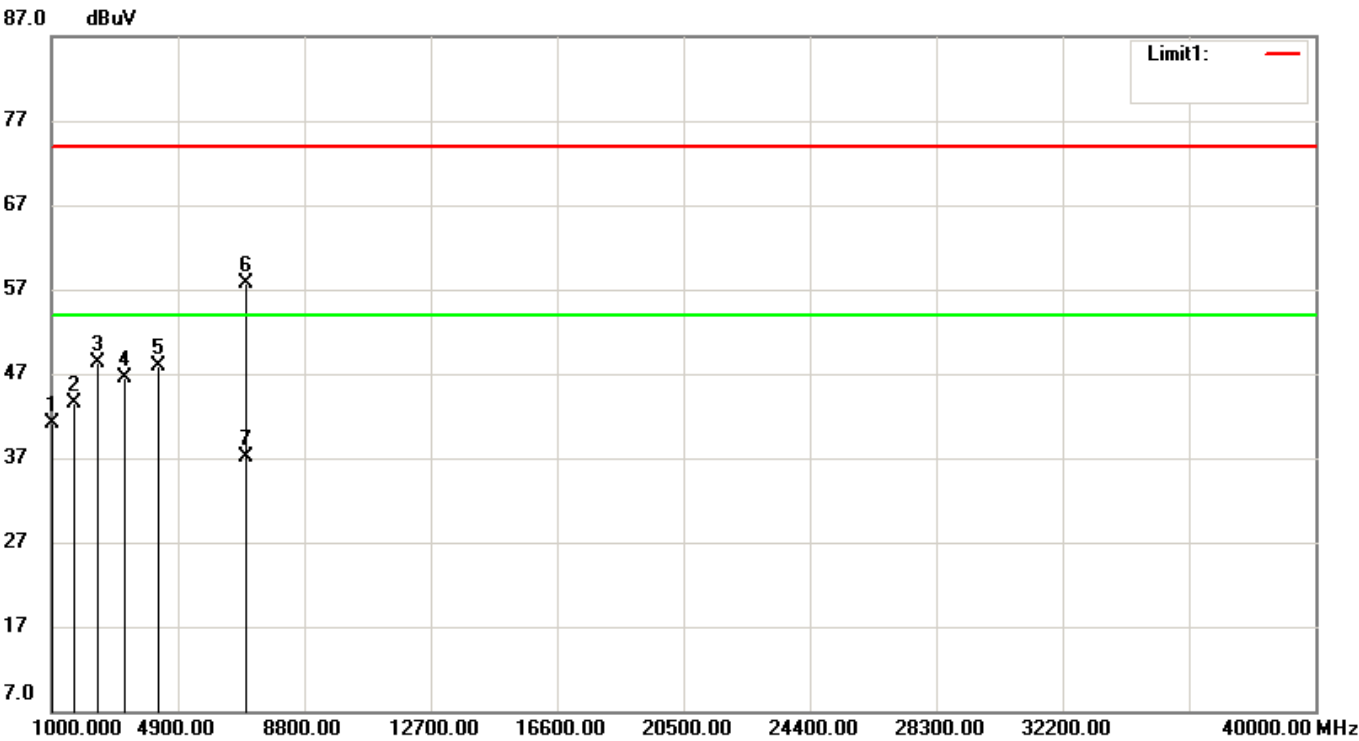
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1045.43260	53.26	peak	-9.35	43.91	74.00	-30.09
2	1083.29320	52.53	peak	-9.26	43.27	74.00	-30.73
3	1227.16340	50.54	peak	-8.88	41.66	74.00	-32.34
4	1666.34610	52.68	peak	-6.70	45.98	74.00	-28.02
5	4839.06250	47.03	peak	1.11	48.14	74.00	-25.86
6	6998.98700	49.08	peak	3.42	52.50	74.00	-21.50
7*	6998.98700	33.21	AVG	3.42	36.63	54.00	-17.37

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5755 MHz

File: 20-07-MAS-059_5-8ax40 #16 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

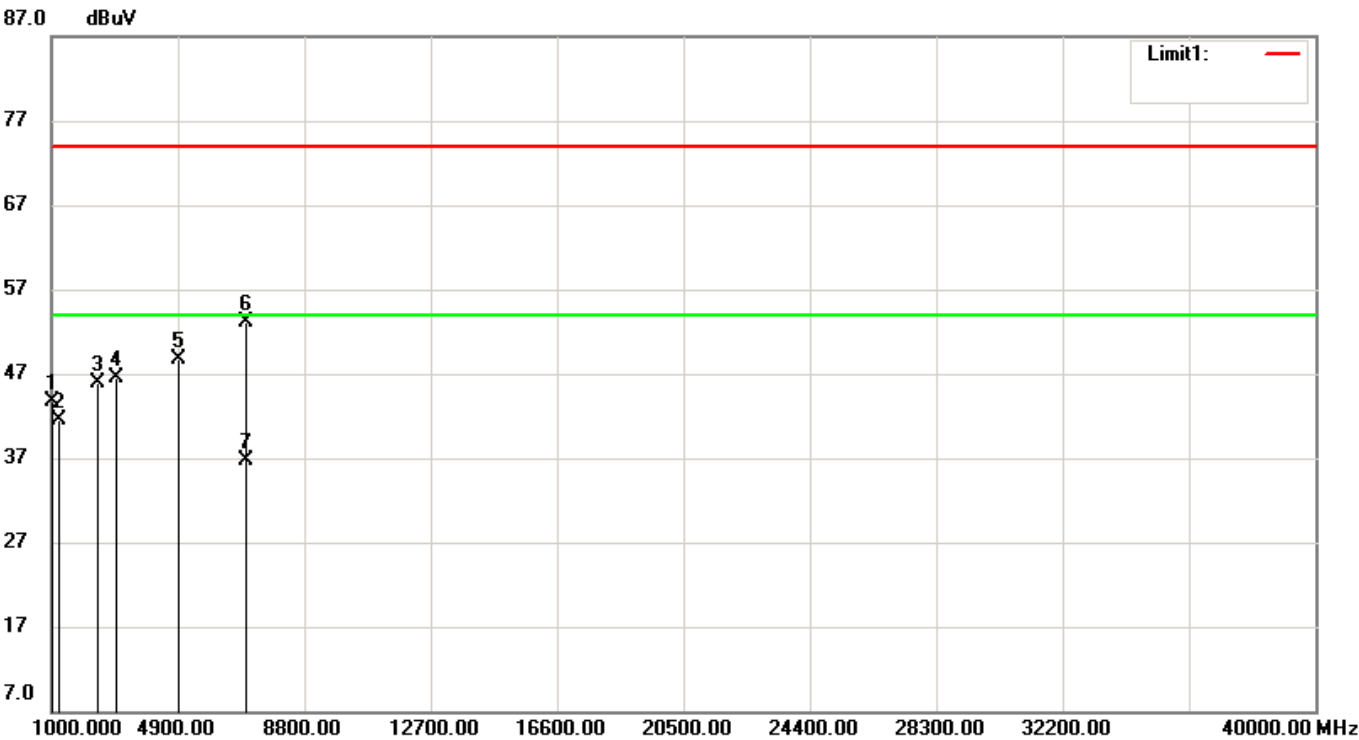
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1053.00480	50.36	peak	-9.34	41.02	74.00	-32.98
2	1666.34610	50.28	peak	-6.70	43.58	74.00	-30.42
3	2408.41340	50.92	peak	-2.66	48.26	74.00	-25.74
4	3241.34610	47.98	peak	-1.54	46.44	74.00	-27.56
5	4293.87010	47.57	peak	0.34	47.91	74.00	-26.09
6*	6991.93580	54.31	peak	3.42	57.73	74.00	-16.27
7	6991.93580	33.71	AVG	3.42	37.13	54.00	-16.87

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

b. Channel High

操作模式：發射接收
基本波頻率：5795 MHz

File: 20-07-MAS-059_5-8ax40 #17 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



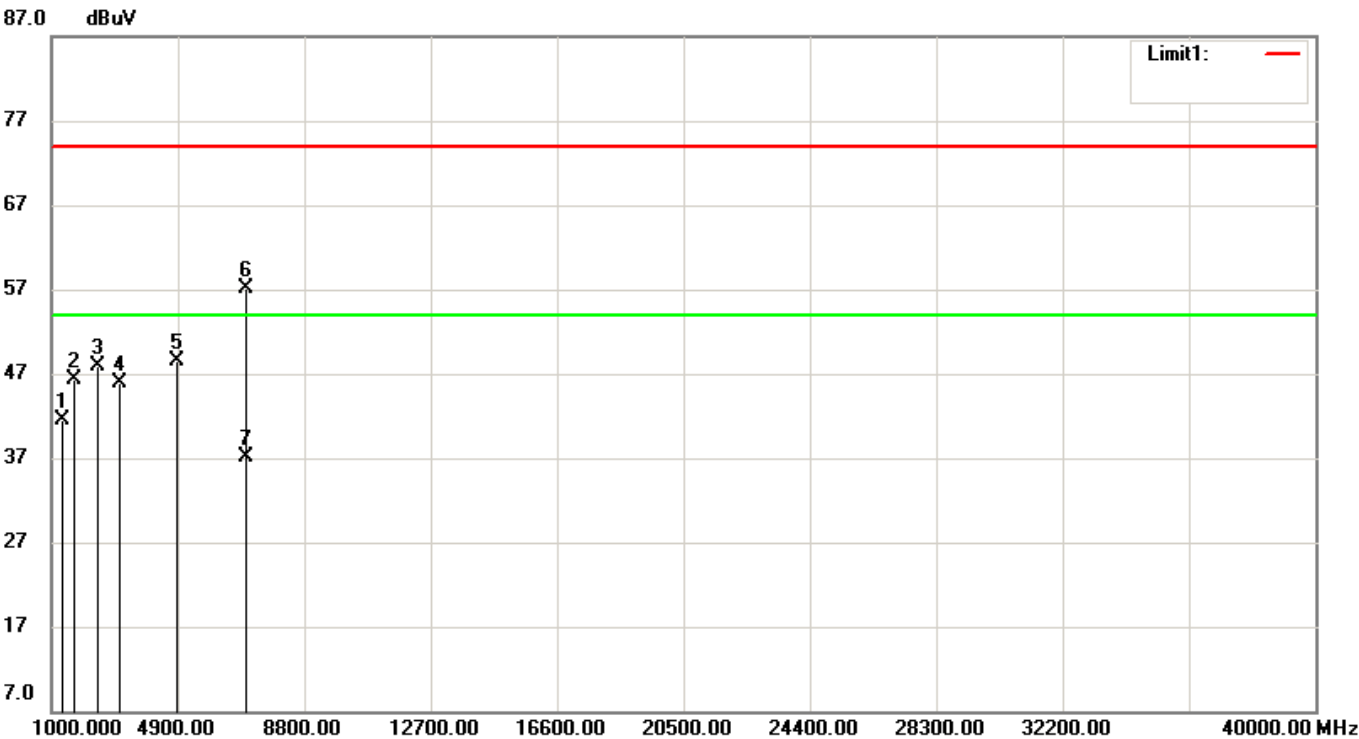
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1045.43260	53.06	peak	-9.35	43.71	74.00	-30.29
2	1227.16340	50.38	peak	-8.88	41.50	74.00	-32.50
3	2408.41340	48.59	peak	-2.66	45.93	74.00	-28.07
4	2953.60560	48.37	peak	-1.96	46.41	74.00	-27.59
5	4876.92300	47.58	peak	1.17	48.75	74.00	-25.25
6	6996.58320	49.59	peak	3.42	53.01	74.00	-20.99
7*	6996.58320	33.26	AVG	3.42	36.68	54.00	-17.32

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5795 MHz

File: 20-07-MAS-059_5-8ax40 #18 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH HIGH-1

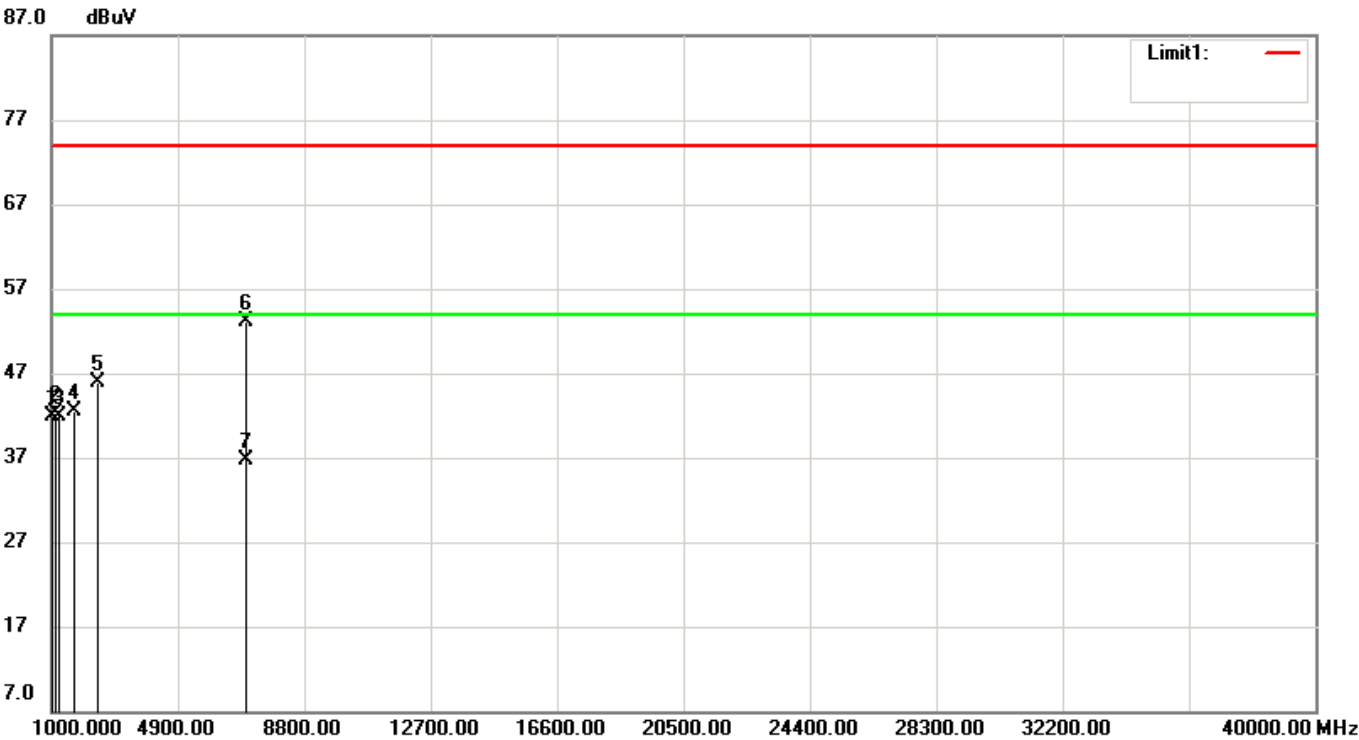
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1257.45200	50.33	peak	-8.80	41.53	74.00	-32.47
2	1666.34610	53.05	peak	-6.70	46.35	74.00	-27.65
3	2408.41340	50.47	peak	-2.66	47.81	74.00	-26.19
4	3105.04800	47.58	peak	-1.75	45.83	74.00	-28.17
5	4839.06250	47.47	peak	1.11	48.58	74.00	-25.42
6	6991.77550	53.60	peak	3.42	57.02	74.00	-16.98
7*	6991.77550	33.71	AVG	3.42	37.13	54.00	-16.87

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.2.4 調變技術: IEEE 802.11ax (80MHz)

操作模式：發射接收
基本波頻率：5775 MHz

File: 20-07-MAS-059_5-8ax80 #11 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



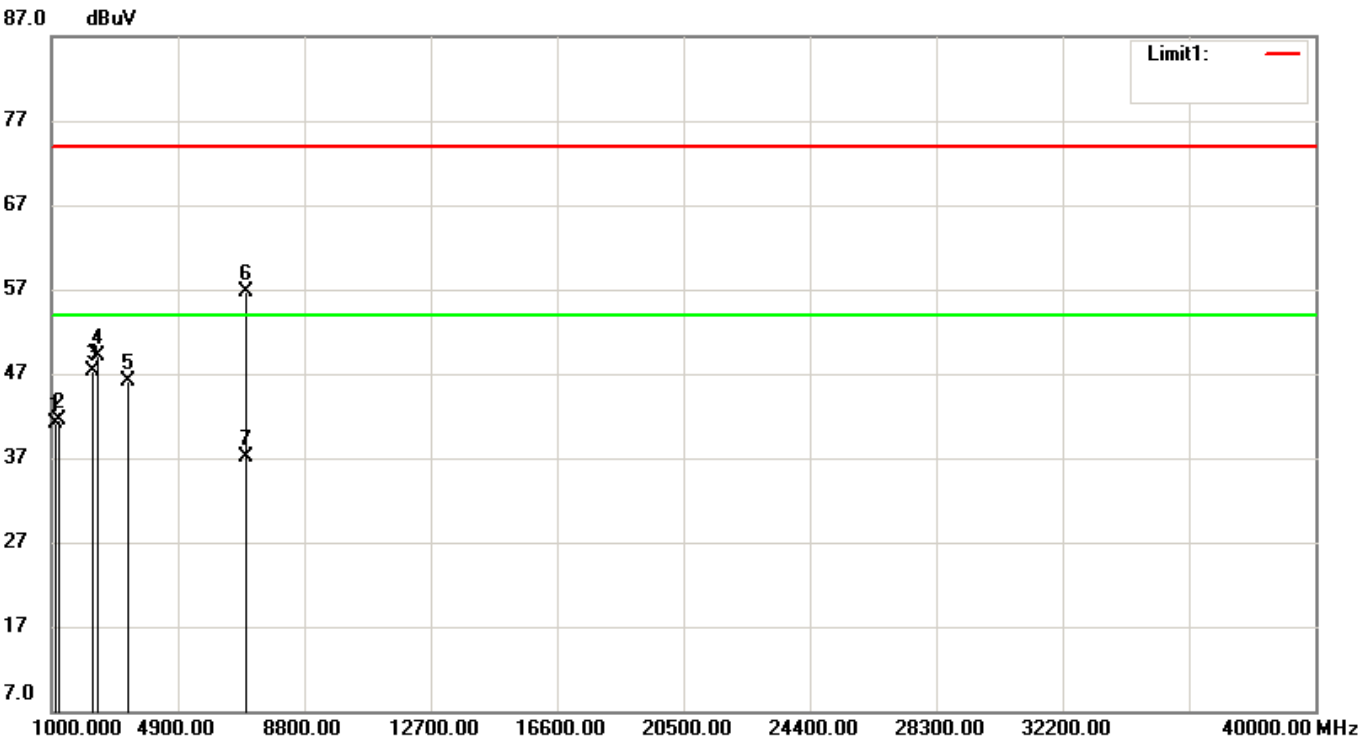
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1007.57210	51.44	peak	-9.45	41.99	74.00	-32.01
2	1083.29320	51.66	peak	-9.26	42.40	74.00	-31.60
3	1227.16340	50.74	peak	-8.88	41.86	74.00	-32.14
4	1666.34610	49.11	peak	-6.70	42.41	74.00	-31.59
5	2408.41340	48.59	peak	-2.66	45.93	74.00	-28.07
6	6992.09600	49.72	peak	3.42	53.14	74.00	-20.86
7*	6992.09600	33.21	AVG	3.42	36.63	54.00	-17.37

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式：發射接收
基本波頻率：5775 MHz

File: 20-07-MAS-059_5-8ax80 #12 Date: 2020/9/23 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: UNII Operator: Phillip
Note: CH LOW-1

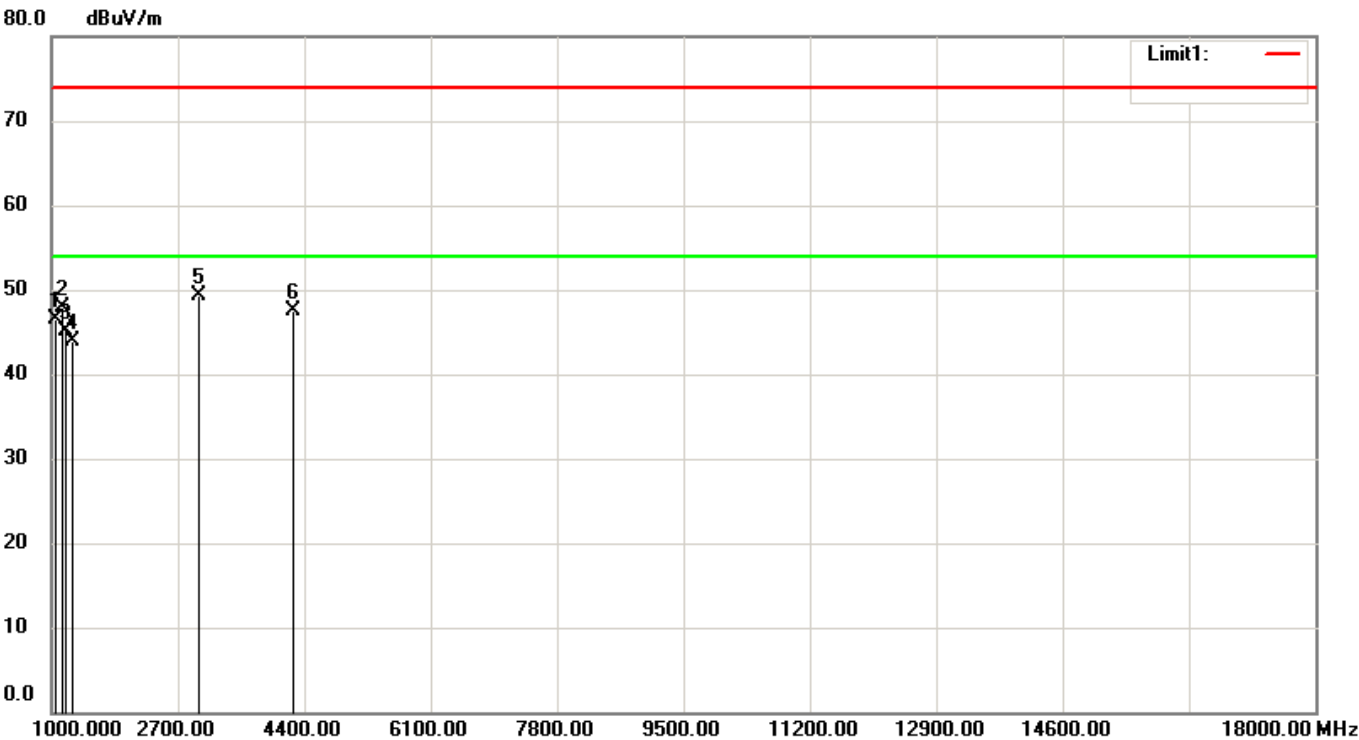
No.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected dB	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	1068.14900	50.46	peak	-9.29	41.17	74.00	-32.83
2	1249.87980	50.28	peak	-8.83	41.45	74.00	-32.55
3	2226.68260	50.45	peak	-3.13	47.32	74.00	-26.68
4	2408.41340	51.78	peak	-2.66	49.12	74.00	-24.88
5	3347.35560	47.59	peak	-1.39	46.20	74.00	-27.80
6	6991.61520	53.29	peak	3.42	56.71	74.00	-17.29
7*	6991.61520	33.72	AVG	3.42	37.14	54.00	-16.86

註：1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.2.5 Normal Mode

操作模式: BD Playing+ HDMI + BT + LAN + USB Cable 1

File: 20-07-MAS-059_Normal #29 Date: 2020/9/24 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



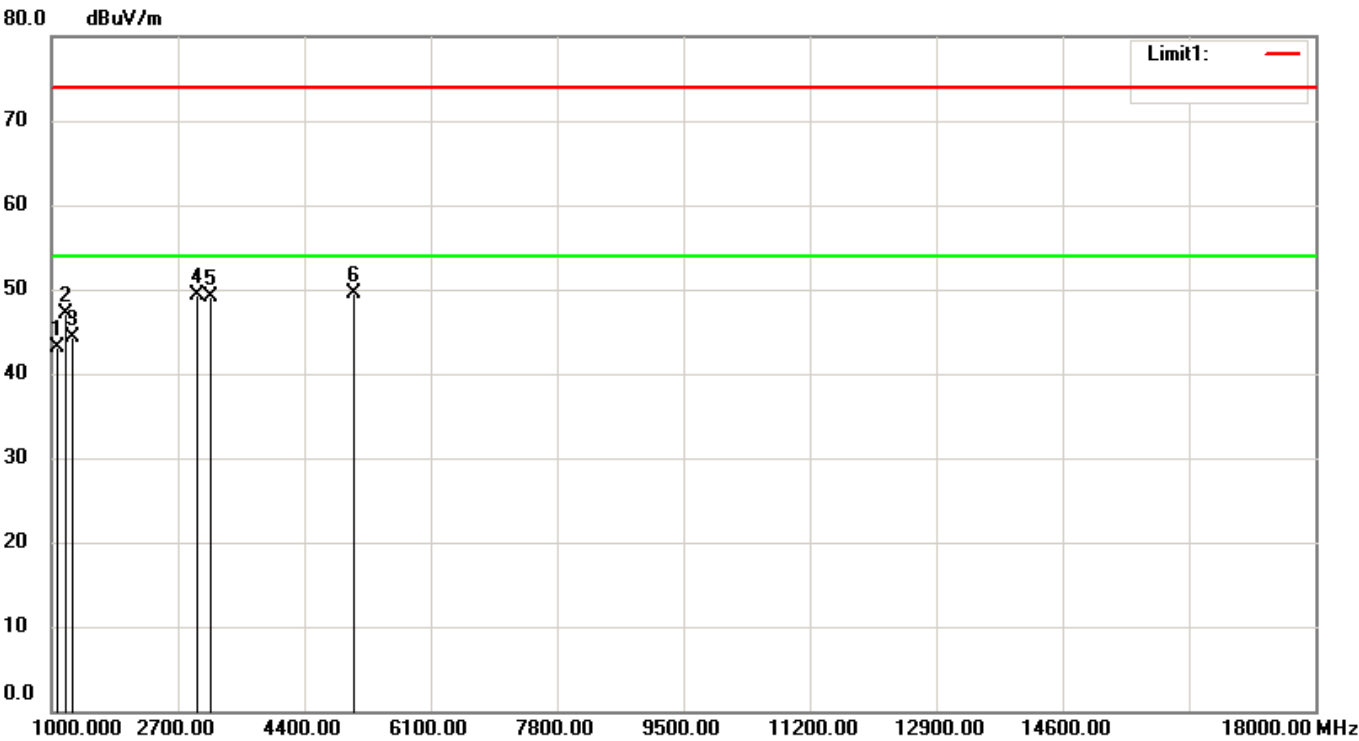
Condition: NCC_Above1G_Pk Polarization: Horizontal
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: Normal1 Operator: Phillip
Note: BD Playing+HDMI+BT+LAN+CP BOX+CP BOX+USB Cable 1

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	1040.06410	55.96	peak	-9.37	46.59	74.00	-27.41
2	1112.17930	57.09	peak	-9.18	47.91	74.00	-26.09
3	1184.29460	54.19	peak	-9.00	45.19	74.00	-28.81
4	1272.43560	52.77	peak	-8.77	44.00	74.00	-30.00
5*	2963.14100	51.19	peak	-1.94	49.25	74.00	-24.75
6	4229.16650	47.25	peak	0.29	47.54	74.00	-26.46

註: 1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式: BD Playing+ HDMI + BT + LAN+CP BOX+ USB Cable 1

File: 20-07-MAS-059_Normal #28 Date: 2020/9/24 Temperature: 23 °C
Site: RE02-EMC B1-N2 Humidity: 55 %



Condition: NCC_Above1G_Pk Polarization: Vertical
EUT: Testing Kit for PlayStation5 Distance: 3m
Model: DFI-T1000AA
Test Mode: Normal1 Operator: Phillip
Note: BD Playing+HDMI+BT+LAN+CP BOX+USB Cable 1

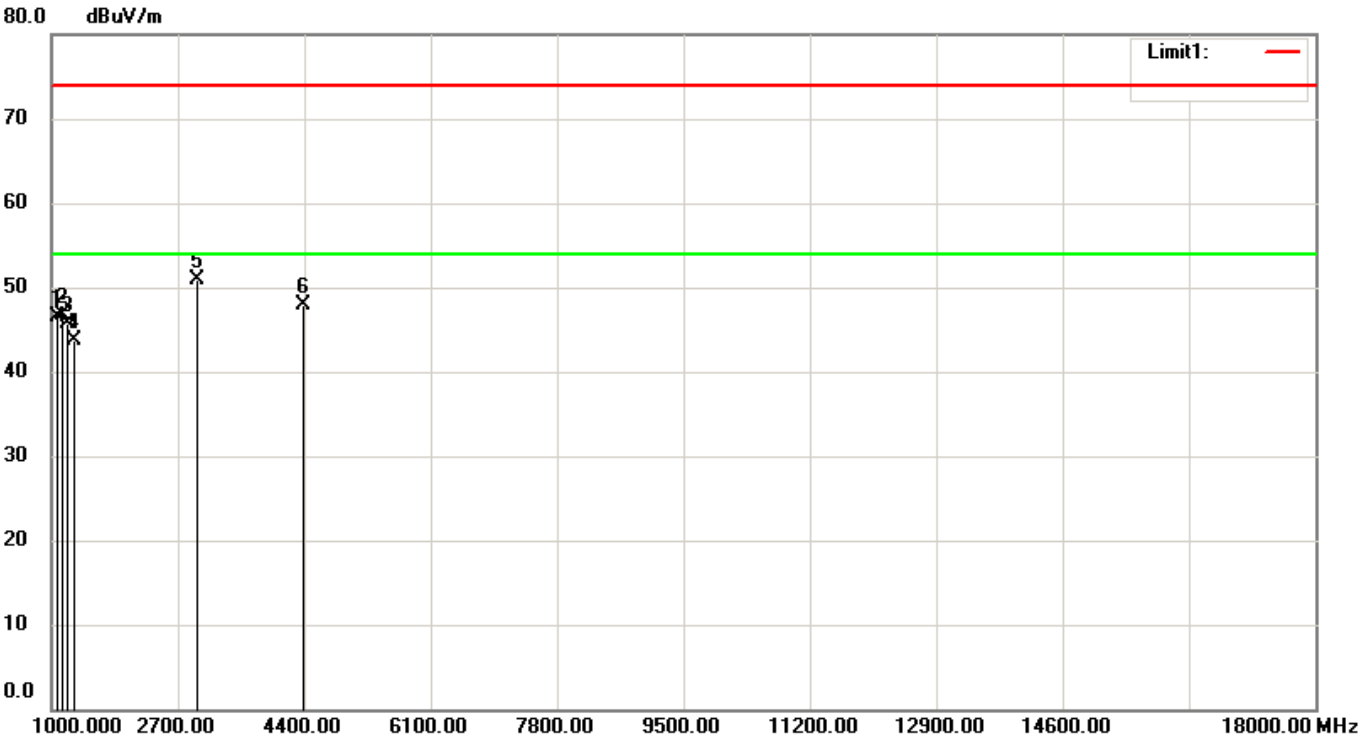
No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	1072.11510	52.47	peak	-9.28	43.19	74.00	-30.81
2	1176.28200	56.06	peak	-9.01	47.05	74.00	-26.95
3	1272.43560	53.16	peak	-8.77	44.39	74.00	-29.61
4	2947.11520	51.28	peak	-1.95	49.33	74.00	-24.67
5	3131.41010	50.85	peak	-1.71	49.14	74.00	-24.86
6*	5038.46150	48.10	peak	1.50	49.60	74.00	-24.40

註: 1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式: Game + HDMI + BT + WiFi+CP BOX+ USB Cable 2

File: 20-07-MAS-059_Normal#27Date: 2020/9/24Temperature: 23 °CHumidity: 55 %

Site: RE02-EMC B1-N2



Condition: NCC_Above1G_PkPolarization: Horizontal

EUT: Testing Kit for PlayStation5Distance: 3m

Model: DFI-T1000AA

Test Mode: Normal2Operator: Phillip

Note: Game+HDMI+BT+WiFi+CP BOX+USB Cable 2

No.	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
	(MHz)	(dBuV/m)		dB/m	(dBuV/m)	(dBuV/m)	(dB)
1	1080.12820	55.86	peak	-9.26	46.60	74.00	-27.40
2	1136.21800	55.87	peak	-9.12	46.75	74.00	-27.25
3	1216.34610	54.57	peak	-8.91	45.66	74.00	-28.34
4	1296.47430	52.43	peak	-8.70	43.73	74.00	-30.27
5*	2939.10250	52.86	peak	-1.96	50.90	74.00	-23.10
6	4373.39740	47.55	peak	0.38	47.93	74.00	-26.07

註: 1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

操作模式: Game + HDMI + BT + WiFi+CP BOX+ USB Cable 2

File: 20-07-MAS-059_Normal

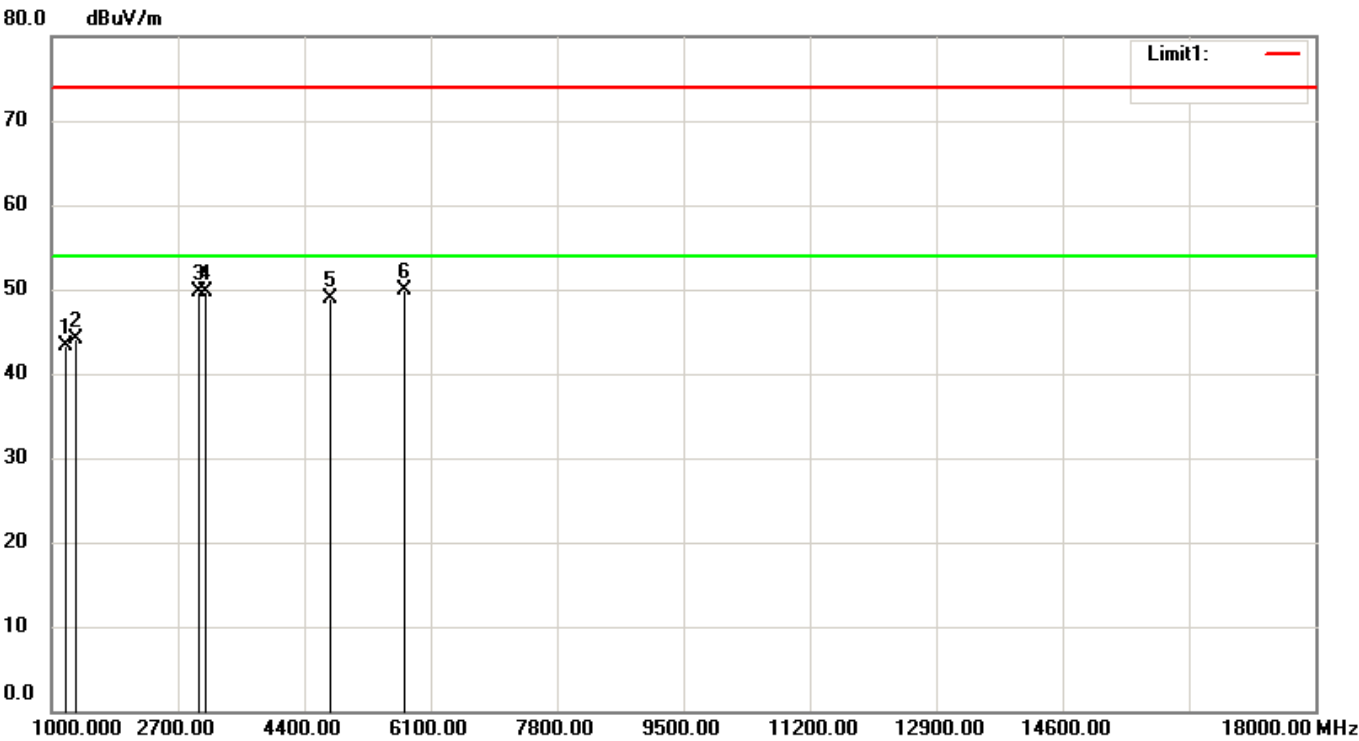
#26

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: NCC_Above1G_Pk

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: Normal2

Note: Game+HDMI+BT+WiFi+CP BOX+USB Cable 2

No.	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
	(MHz)	(dBuV/m)		dB/m	(dBuV/m)	(dBuV/m)	(dB)
1	1168.26920	52.43	peak	-9.04	43.39	74.00	-30.61
2	1320.51280	52.78	peak	-8.64	44.14	74.00	-29.86
3	2971.15380	51.70	peak	-1.93	49.77	74.00	-24.23
4	3067.30760	51.53	peak	-1.80	49.73	74.00	-24.27
5	4733.97430	47.95	peak	0.91	48.86	74.00	-25.14
6*	5735.57700	47.46	peak	2.53	49.99	74.00	-24.01

註: 1. 若以峰值檢測功能測量之值符合平均值限制值，則可視同以平均值功能測量之值亦符合平均值限制值。

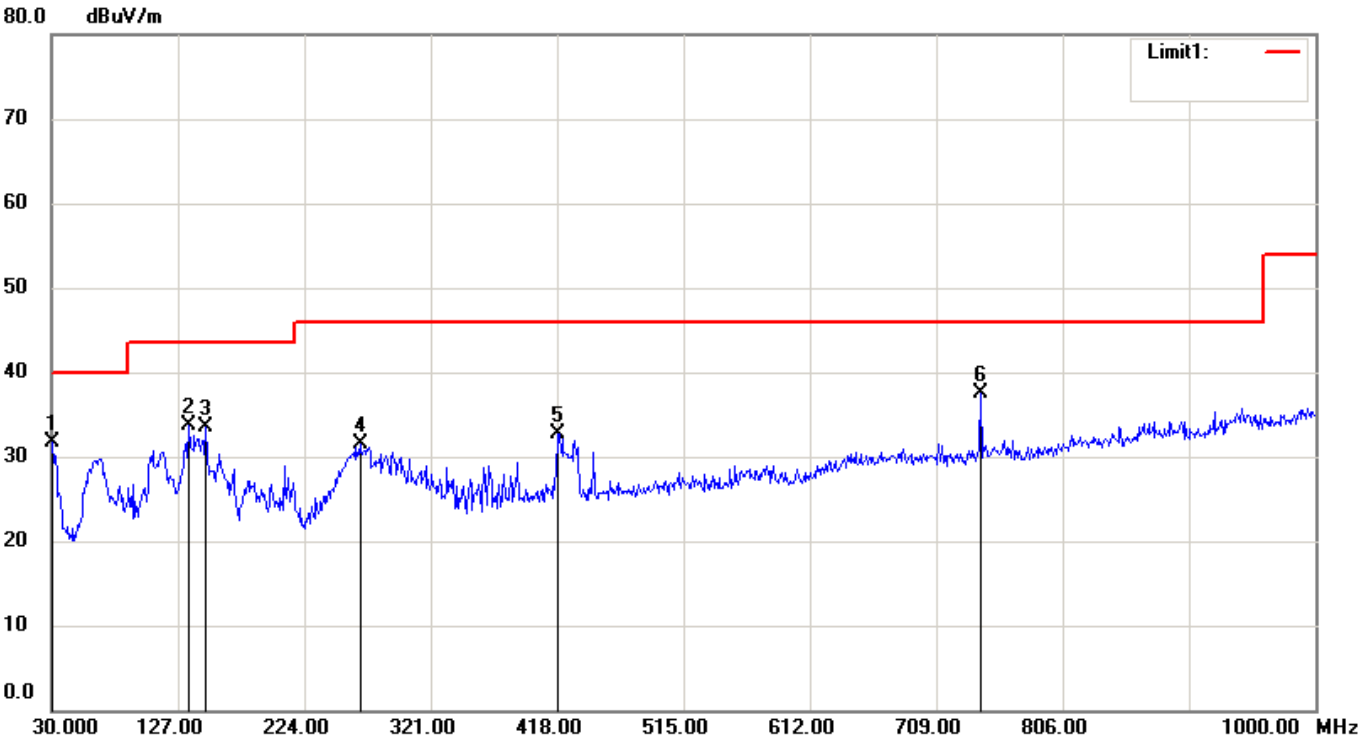
2. 量測不準確度: $\pm 4.1\text{dB}(1\text{GHz} \leq f < 18\text{GHz})$
 $\pm 4.4\text{dB}(18\text{GHz} \leq f \leq 40\text{GHz})$

5.5.3 其它不必要之訊號

5.5.3.1 測試狀態：IEEE 802.11ax (80MHz)

File: 20-07-MAS-059_Below 1G#9Date: 2020/9/16Temperature: 23 °C

Site: RE02-EMC B1-N2Humidity: 61 %



Condition: NCC_LP0002_30-1000MHzPolarization: Horizontal

EUT: Testing Kit for PlayStation5Distance: 3m

Model: DFI-T1000AA

Test Mode: Band4Operator: Phillip

Note:

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1*	30.9700	35.67	QP	-3.92	31.75	40.00	-8.25
2	134.7600	37.60	QP	-3.83	33.77	43.50	-9.73
3	148.3400	38.59	QP	-5.03	33.56	43.50	-9.94
4	266.6800	37.08	QP	-5.63	31.45	46.00	-14.55
5	418.9700	34.40	QP	-1.66	32.74	46.00	-13.26
6	742.9500	34.16	QP	3.41	37.57	46.00	-8.43

File: 20-07-MAS-059_Below 1G

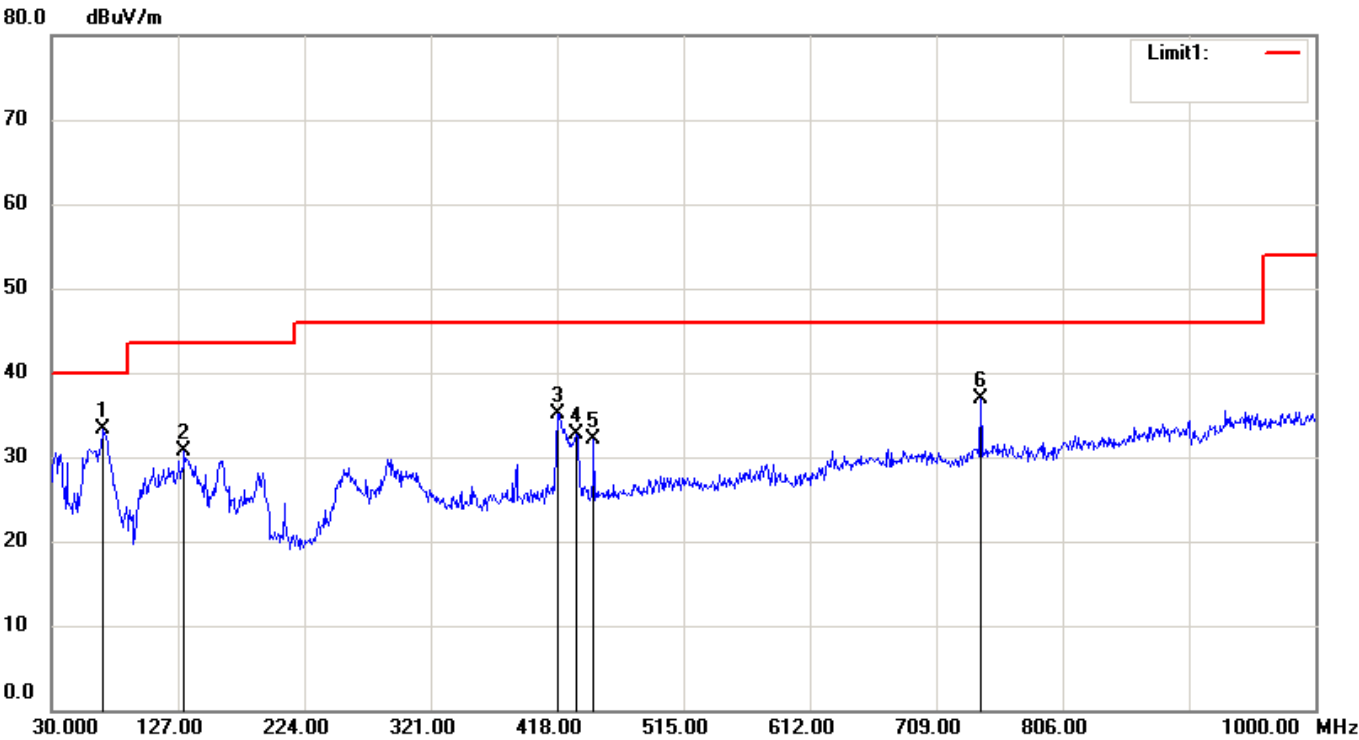
#10

Date: 2020/9/16

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 61 %



Condition: NCC_LP0002_30-1000MHz

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: Band4

Note:

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1*	69.7700	45.75	QP	-12.48	33.27	40.00	-6.73
2	131.8500	34.48	QP	-3.71	30.77	43.50	-12.73
3	418.9700	36.70	QP	-1.66	35.04	46.00	-10.96
4	432.5500	34.19	QP	-1.58	32.61	46.00	-13.39
5	446.1300	33.52	QP	-1.48	32.04	46.00	-13.96
6	742.9500	33.56	QP	3.41	36.97	46.00	-9.03

註：1. 若以峰值檢測功能測量之值符合準峰值限制值，則可視同以準峰值功能測量之值亦符合準峰值限制值。

2. 量測不準確度: +4.20dB/ -4.24 dB (30MHz≤f<1GHz)

5.5.3.2 測試狀態: BD Playing+BT+LAN+CP BOX+USB Cable 1

File: 20-07-MAS-059_Normal

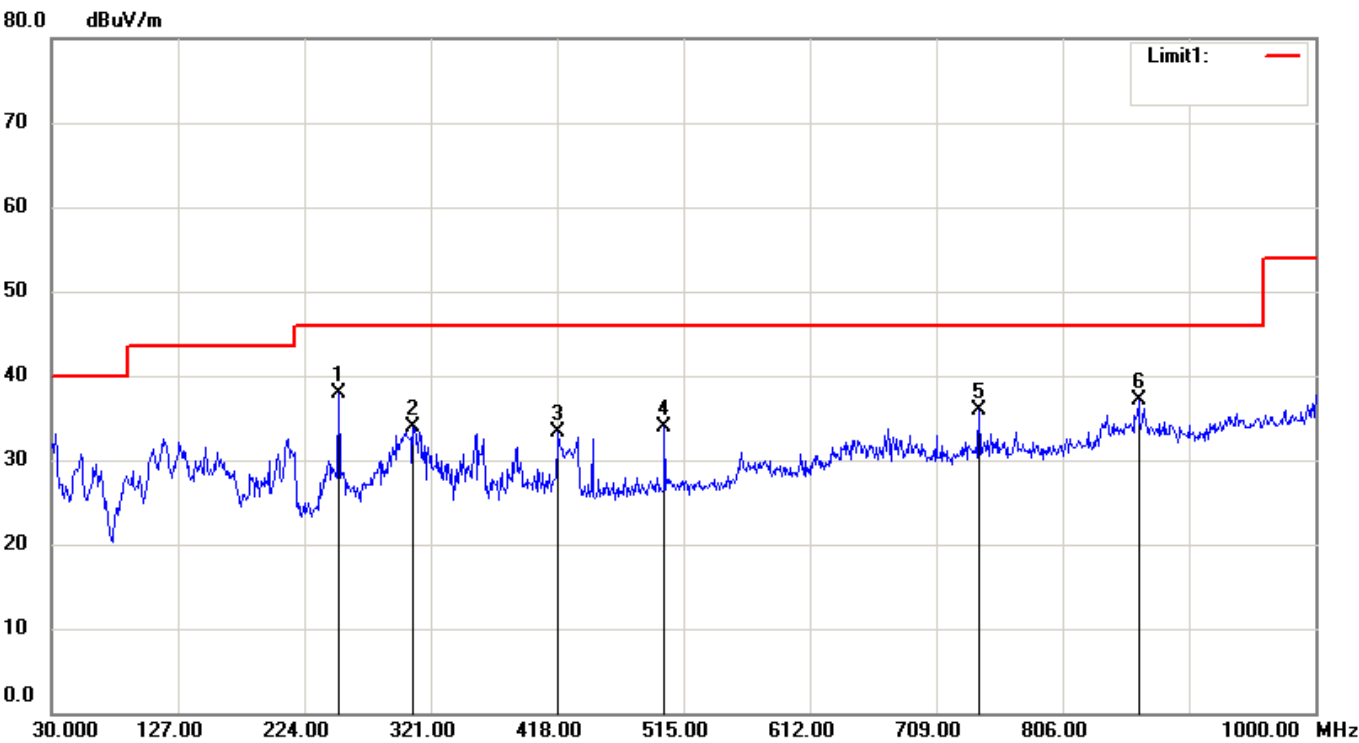
#20

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: NCC_LP0002_30-1000MHz

Polarization: Horizontal

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: Normal1

Note: BD Playing+HDMI+BT+LAN+CP BOX+USB Cable 1

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1*	250.1900	44.33	QP	-6.52	37.81	46.00	-8.19
2	307.4200	38.27	QP	-4.32	33.95	46.00	-12.05
3	418.9700	34.92	QP	-1.66	33.26	46.00	-12.74
4	500.4500	34.78	QP	-0.79	33.99	46.00	-12.01
5	741.9800	32.52	QP	3.40	35.92	46.00	-10.08
6	864.2000	31.16	QP	5.95	37.11	46.00	-8.89

File: 20-07-MAS-059_Normal

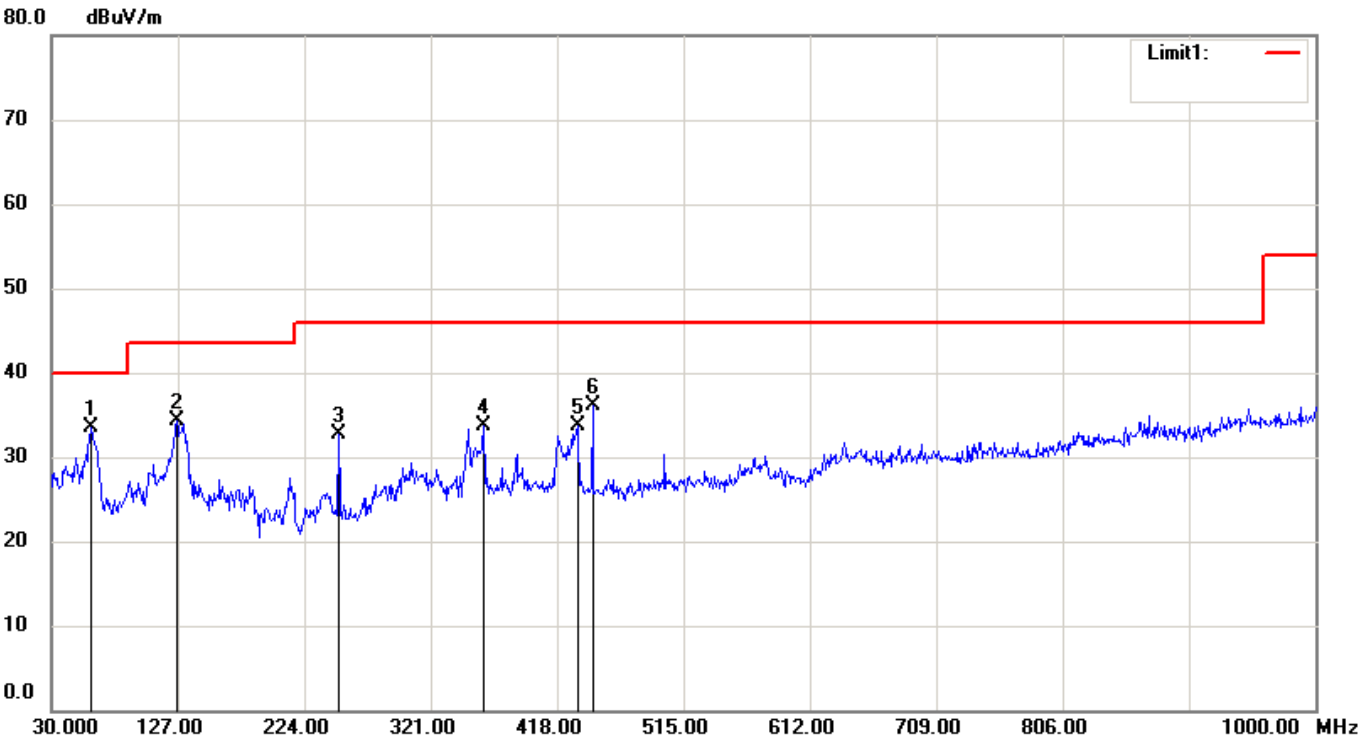
#21

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: NCC_LP0002_30-1000MHz

EUT: Testing Kit for PlayStation5

Model: DFI-T1000AA

Test Mode: Normal1

Note: BD Playing+HDMI+BT+LAN+CP BOX+USB Cable 1

Polarization: Vertical

Distance: 3m

Operator: Phillip

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1*	60.0700	42.89	QP	-9.31	33.58	40.00	-6.42
2	126.0300	38.18	QP	-3.81	34.37	43.50	-9.13
3	250.1900	39.16	QP	-6.52	32.64	46.00	-13.36
4	361.7400	36.63	QP	-3.01	33.62	46.00	-12.38
5	433.5200	35.35	QP	-1.56	33.79	46.00	-12.21
6	445.1600	37.64	QP	-1.49	36.15	46.00	-9.85

註：1. 若以峰值檢測功能測量之值符合準峰值限制值，則可視同以準峰值功能測量之值亦符合準峰值限制值。

2. 量測不準確度: +4.20dB/ -4.24 dB (30MHz≤f<1GHz)

5.5.3.3 測試狀態: Game+BT+WiFi+CP BOX+USB Cable 2

File: 20-07-MAS-059_Normal

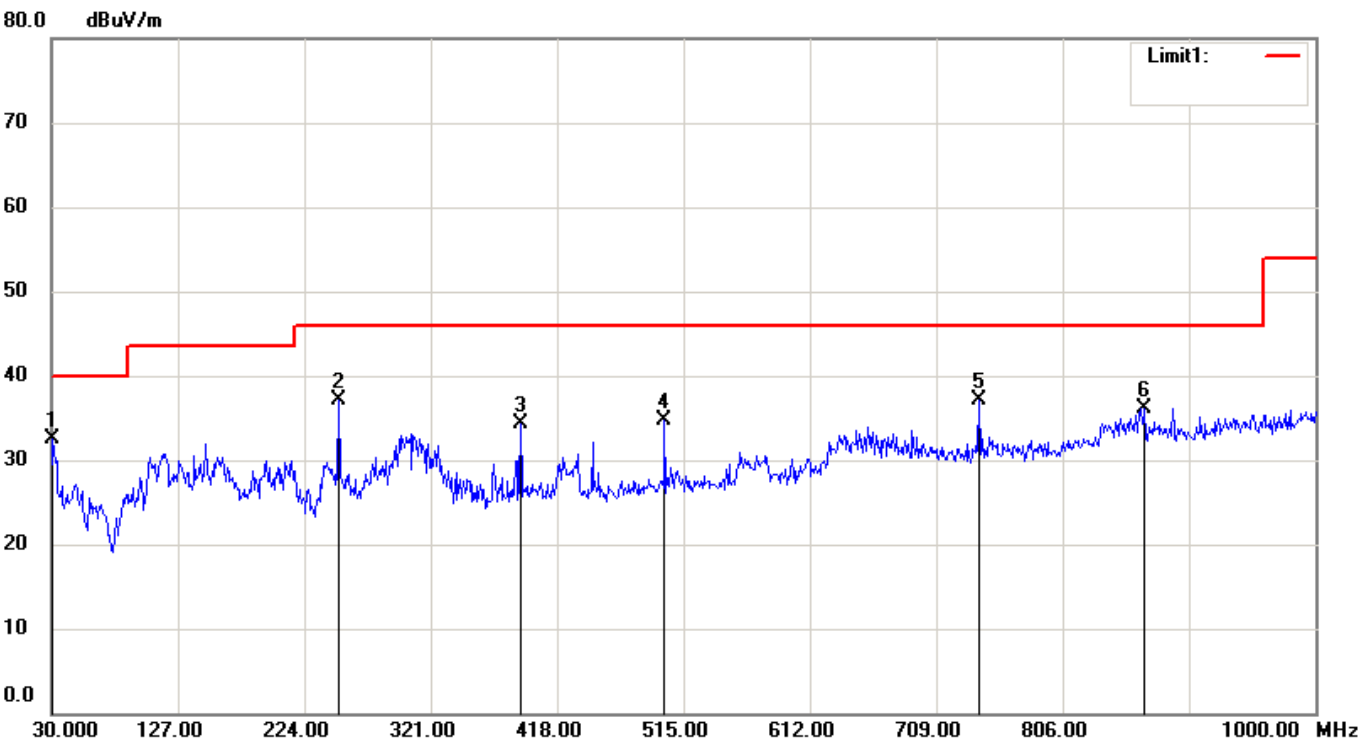
#24

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: NCC_LP0002_30-1000MHz

Polarization: Horizontal

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: Normal2

Note: GAME+HDMI+BT+WiFi+CP BOX+USB Cable 2

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1*	30.9700	36.36	QP	-3.92	32.44	40.00	-7.56
2	250.1900	43.53	QP	-6.52	37.01	46.00	-8.99
3	389.8700	36.40	QP	-2.09	34.31	46.00	-11.69
4	500.4500	35.49	QP	-0.79	34.70	46.00	-11.30
5	741.9800	33.75	QP	3.40	37.15	46.00	-8.85
6	869.0500	30.14	QP	6.01	36.15	46.00	-9.85

File: 20-07-MAS-059_Normal

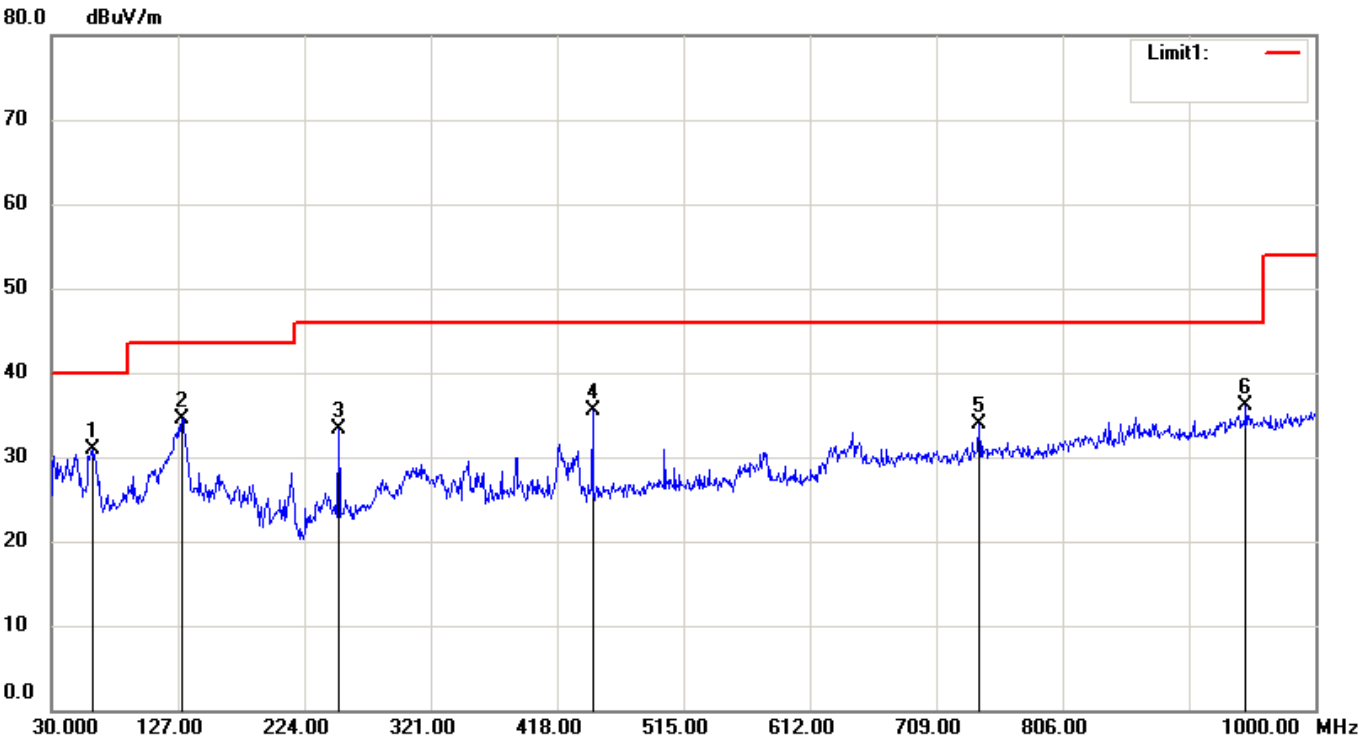
#25

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: NCC_LP0002_30-1000MHz

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: Normal2

Note: GAME+HDMI+BT+WiFi+CP BOX+USB Cable 2

No.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	62.0100	40.90	QP	-9.94	30.96	40.00	-9.04
2*	129.9100	38.18	QP	-3.65	34.53	43.50	-8.97
3	250.1900	39.91	QP	-6.52	33.39	46.00	-12.61
4	445.1600	37.06	QP	-1.49	35.57	46.00	-10.43
5	741.9800	30.50	QP	3.40	33.90	46.00	-12.10
6	946.6500	28.47	QP	7.64	36.11	46.00	-9.89

註：1. 若以峰值檢測功能測量之值符合準峰值限制值，則可視同以準峰值功能測量之值亦符合準峰值限制值。

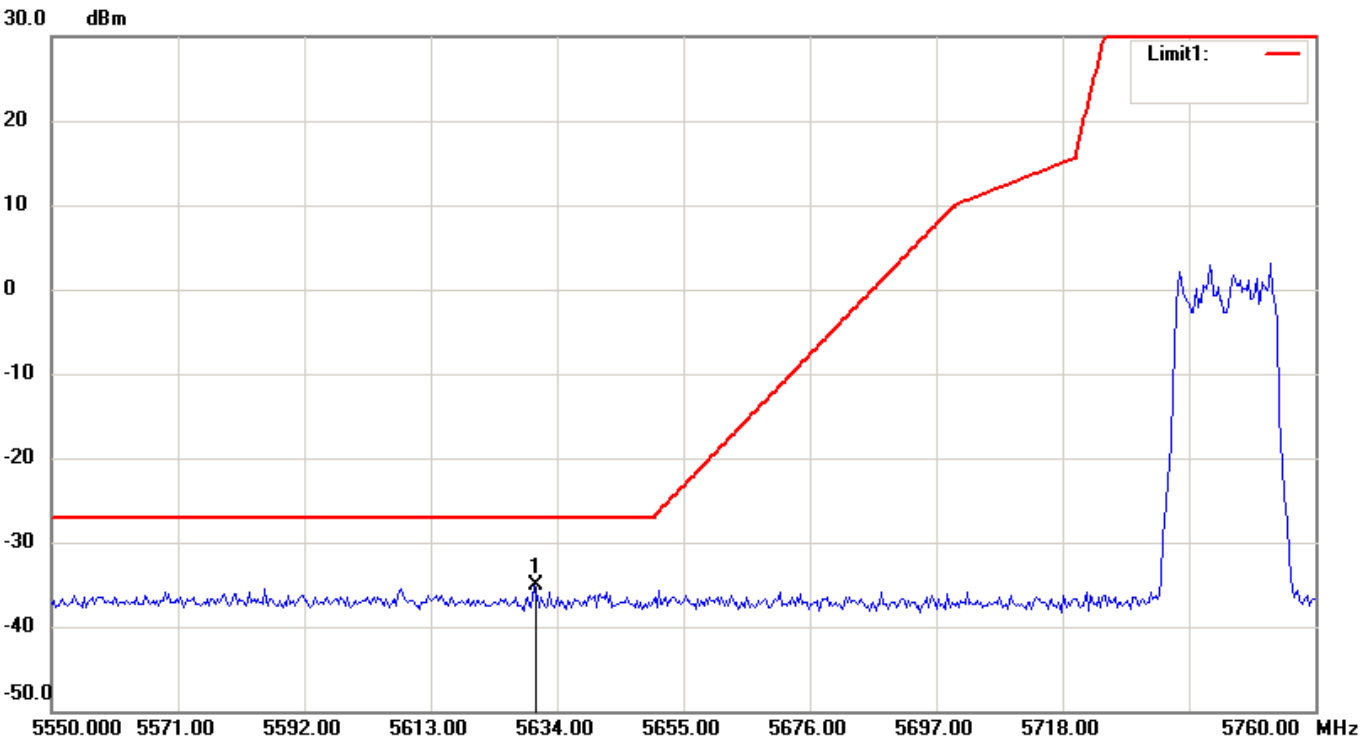
2. 量測不準確度: +4.20dB/ -4.24 dB (30MHz≤f<1GHz)

5.6 頻帶外邊輻射量測之量測結果

調變技術: IEEE 802.11a

File: 20-07-MAS-059_5-8a#19Date: 2020/9/24Temperature: 23 °C

Site: RE02-EMC B1-N2Humidity: 55 %



Condition: 5.8G BandedgePolarization: Vertical

EUT: Testing Kit for PlayStation5Distance: 3m

Model: DFI-T1000AA

Test Mode: UNIIOperator: Phillip

Note: Low Bandedge

No.	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
	(MHz)	(dBm)		dB	(dBm)	(dBm)	(dB)	(cm)	(°)	
1*	5630.09620	-86.23	peak	51.04	-35.19	-27.00	-8.19	---	---	

File: 20-07-MAS-059_5-8a

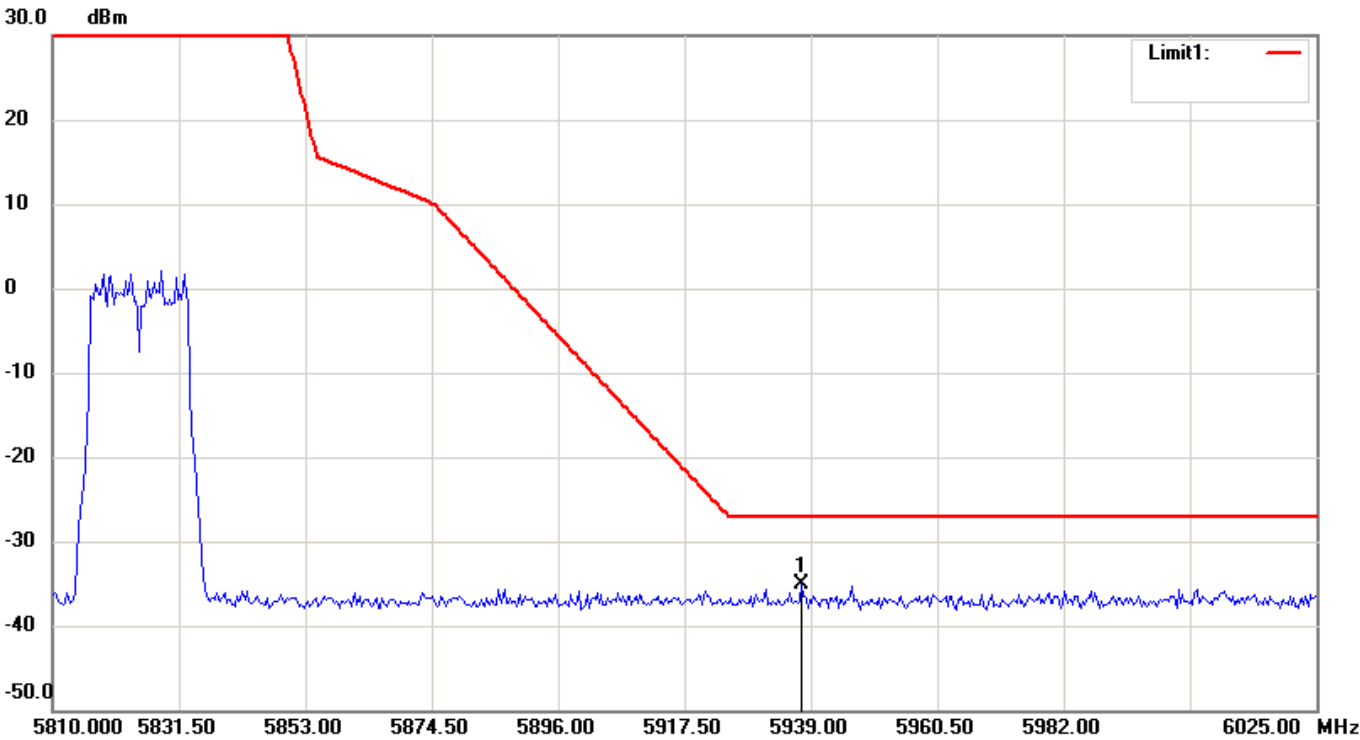
#20

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: UNII

Note: High Bandedge

No.	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
	(MHz)	(dBm)		dB	(dBm)	(dBm)	(dB)	(cm)	(°)	
1*	5937.48400	-86.12	peak	51.09	-35.03	-27.00	-8.03	---	---	

調變技術: IEEE 802.11ax (20MHz)

File: 20-07-MAS-059_5-8ax20

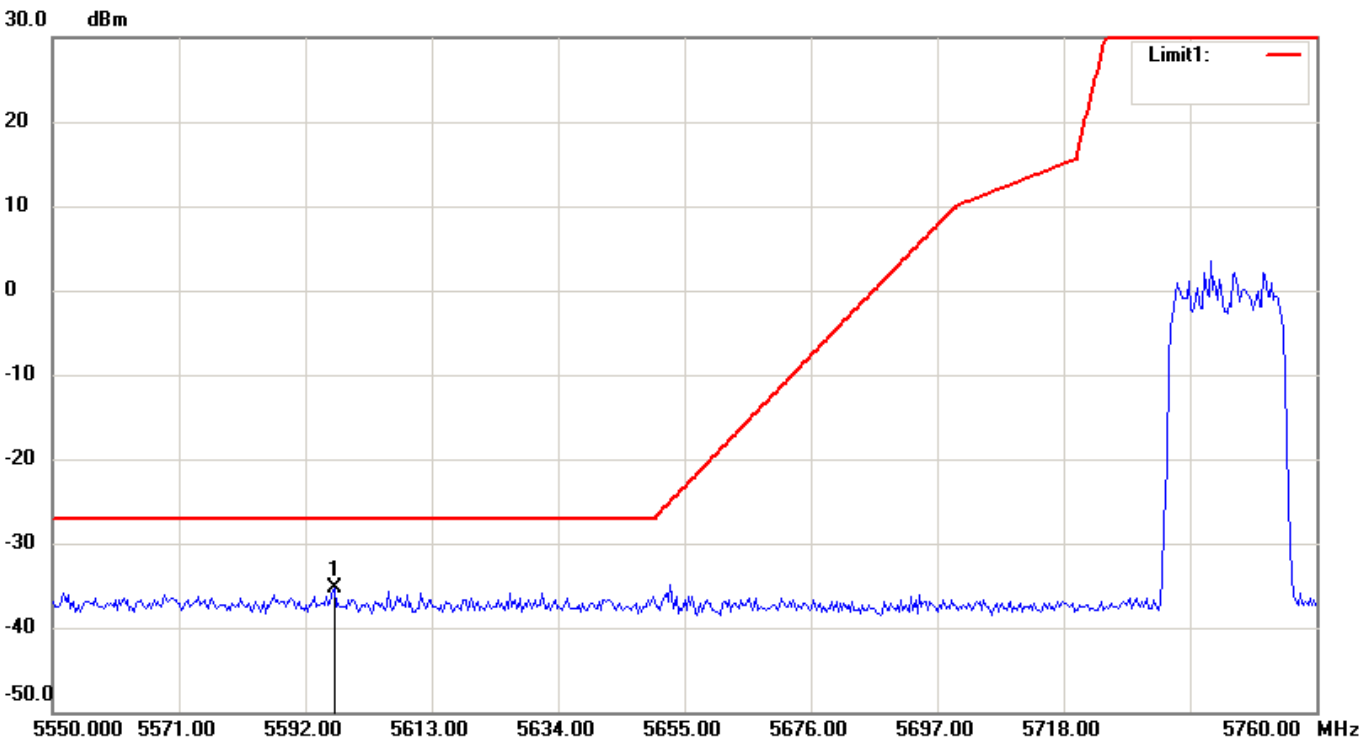
#19

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

EUT: Testing Kit for PlayStation5

Model: DFI-T1000AA

Test Mode: UNII

Note: Low Bandedge

Polarization: Vertical

Distance: 3m

Operator: Phillip

No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5596.77880	-86.27	peak	51.04	-35.23	-27.00	-8.23	---	---	

File: 20-07-MAS-059_5-8ax20

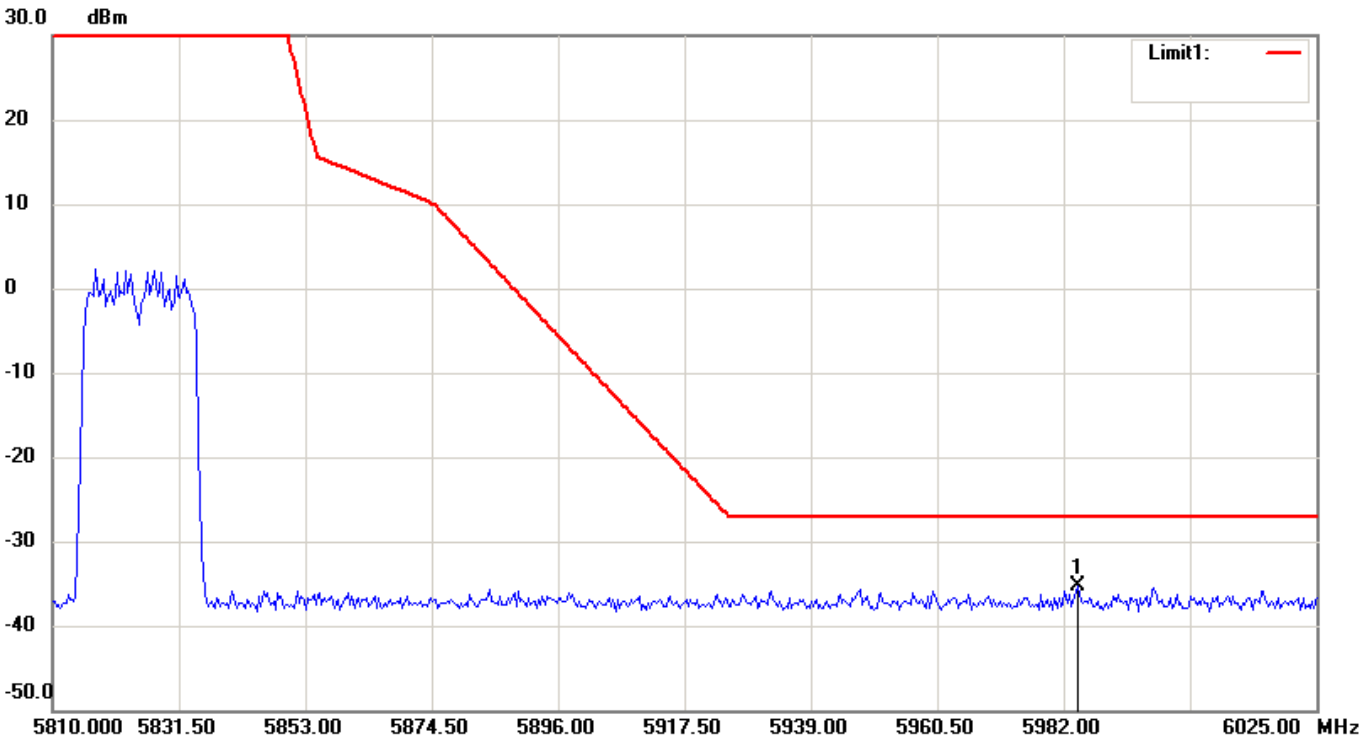
#20

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: UNII

Note: High Bandedge

No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5984.34300	-86.45	peak	51.09	-35.36	-27.00	-8.36	---	---	

調變技術: IEEE 802.11ax (40MHz)

File: 20-07-MAS-059_5-8ax40

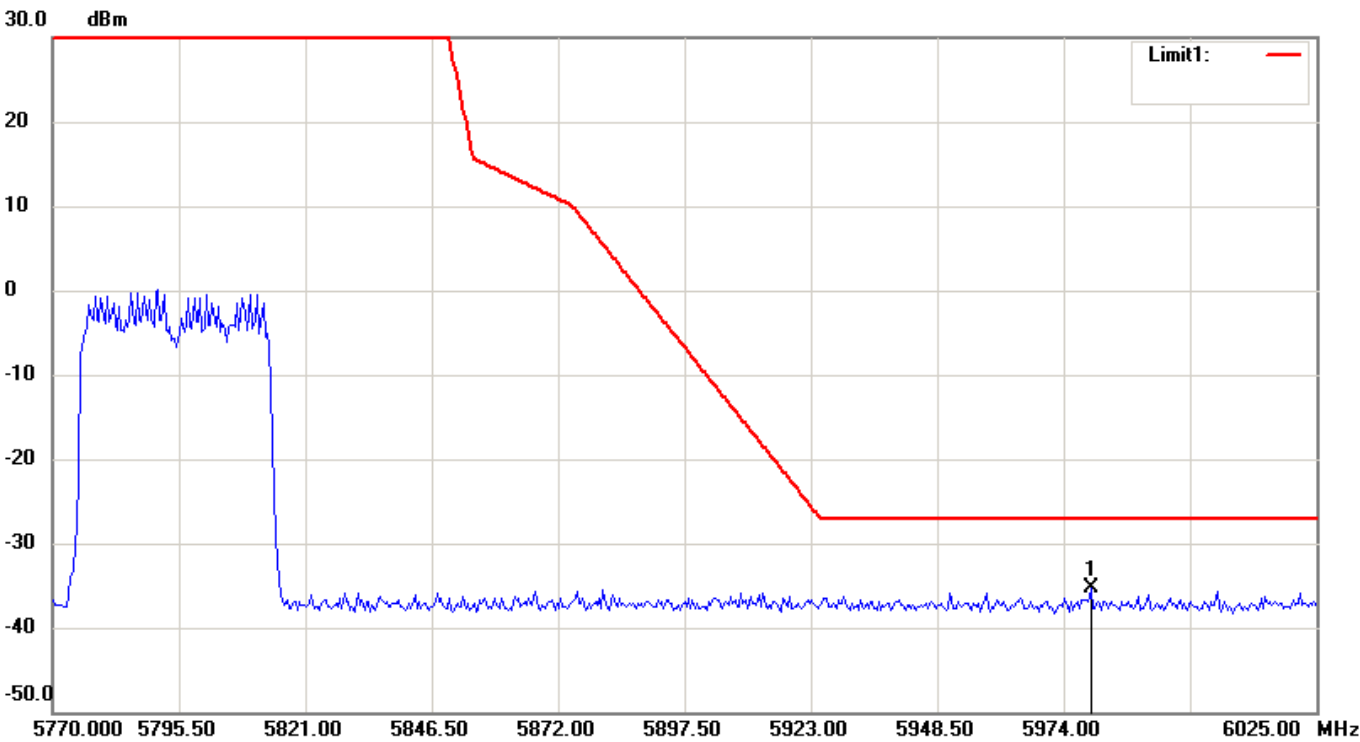
#13

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: UNII

Note: Low Bandedge

No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5979.63940	-86.35	peak	51.09	-35.26	-27.00	-8.26	---	---	

File: 20-07-MAS-059_5-8ax40

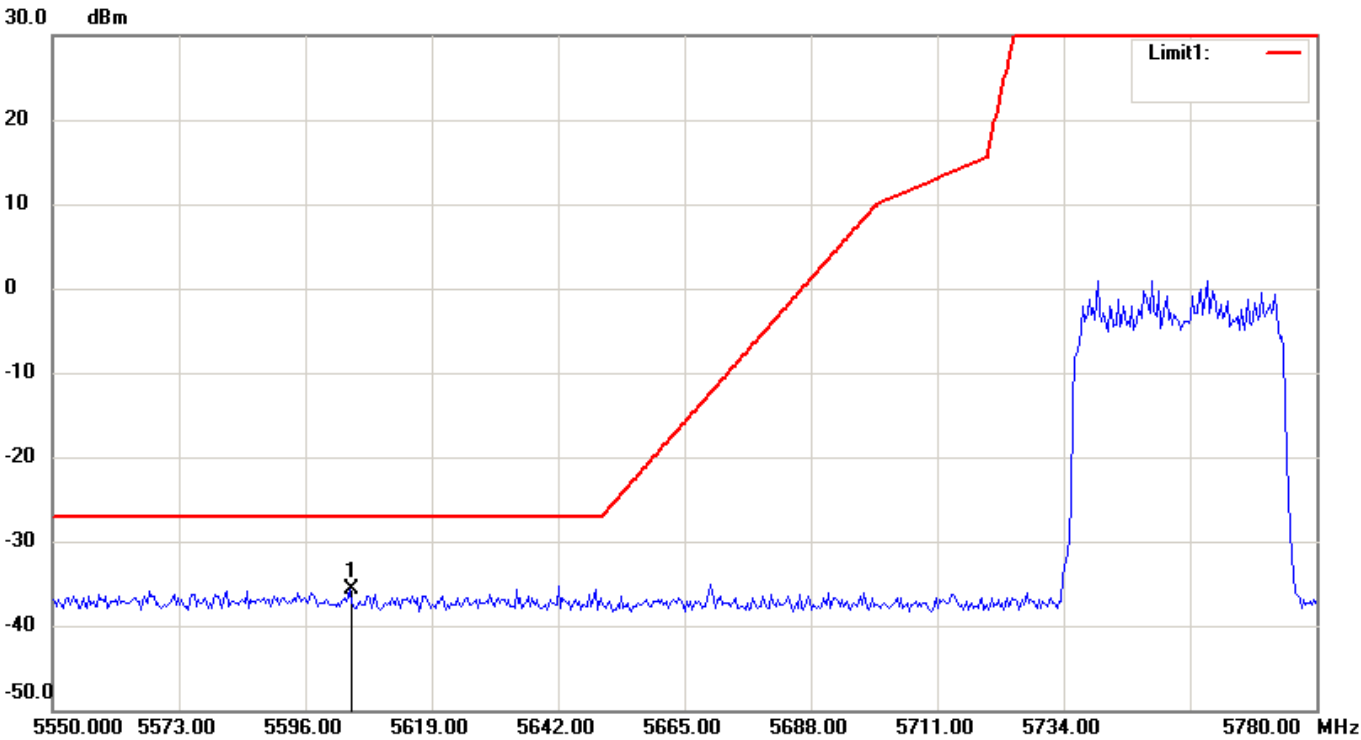
#14

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

EUT: Testing Kit for PlayStation5

Model: DFI-T1000AA

Test Mode: UNII

Note: High Bandedge

Polarization: Vertical

Distance: 3m

Operator: Phillip

No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5604.18270	-86.69	peak	51.05	-35.64	-27.00	-8.64	---	---	

調變技術: IEEE 802.11ax (80MHz)

File: 20-07-MAS-059_5-8ax80

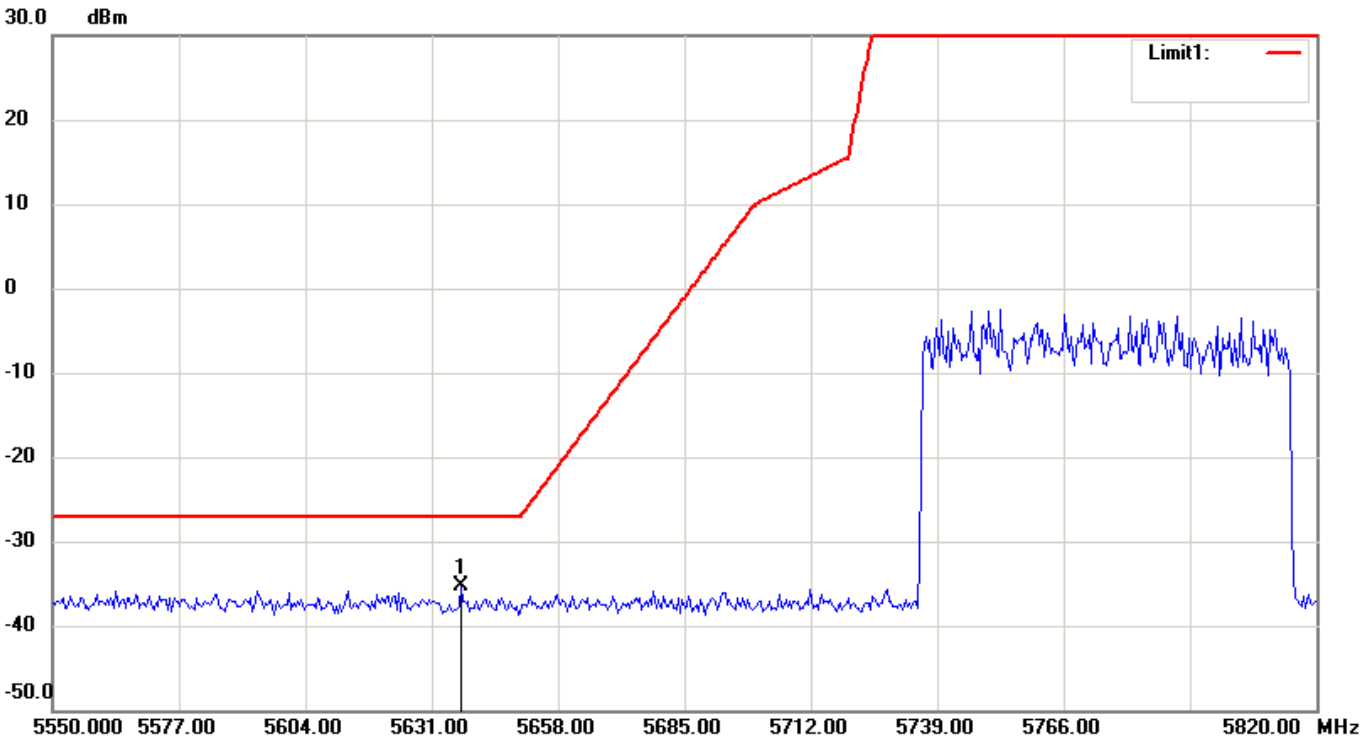
#9

Date: 2020/9/24

Temperature: 23 °C

Site: RE02-EMC B1-N2

Humidity: 55 %



Condition: 5.8G Bandedge

Polarization: Vertical

EUT: Testing Kit for PlayStation5

Distance: 3m

Model: DFI-T1000AA

Operator: Phillip

Test Mode: UNII

Note: Low Bandedge

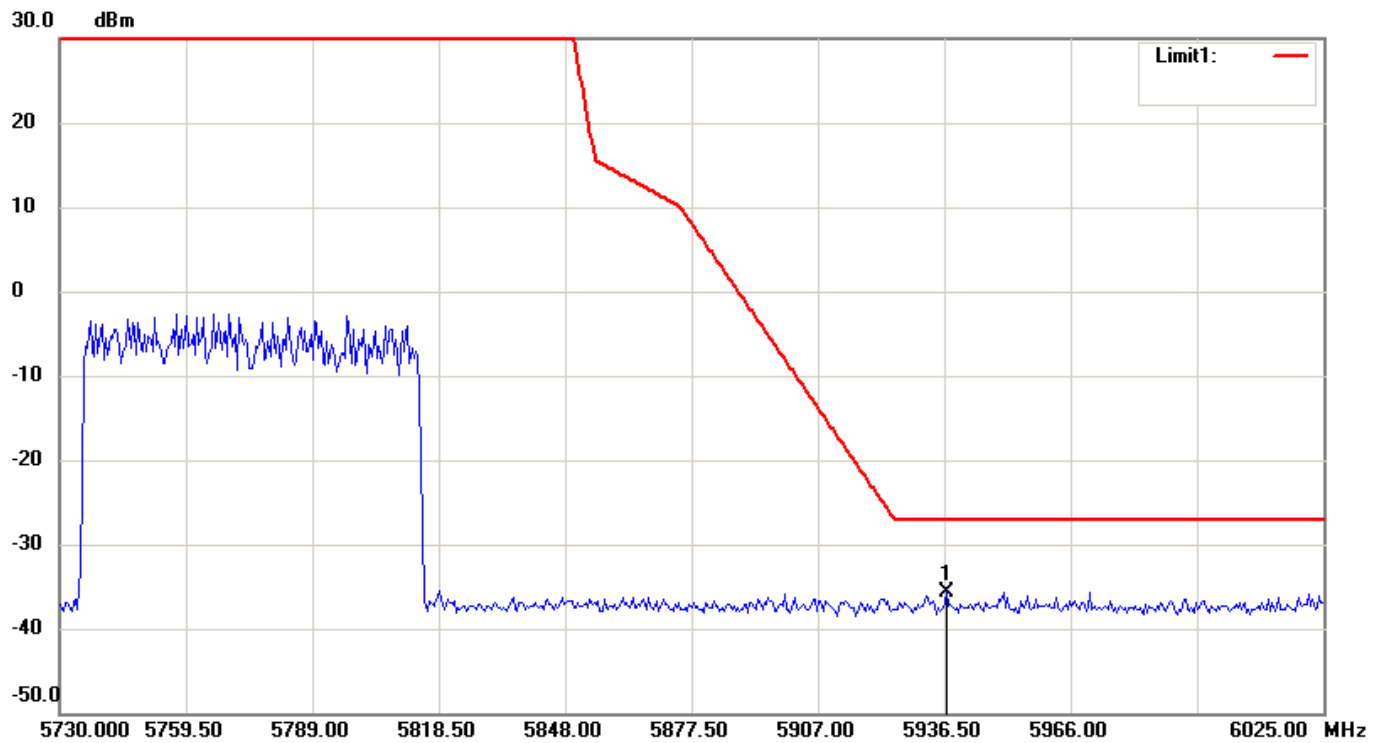
No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5637.40380	-86.44	peak	51.05	-35.39	-27.00	-8.39	---	---	

File: 20-07-MAS-059_5-8ax80
Site: RE02-EMC B1-N2

#10

Date: 2020/9/24

Temperature: 23 °C
Humidity: 55 %



Condition: 5.8G Bandedge
EUT: Testing Kit for PlayStation5
Model: DFI-T1000AA
Test Mode: UNII
Note: High Bandedge

Polarization: Vertical
Distance: 3m
Operator: Phillip

No.	Frequency (MHz)	Reading (dBm)	Detector	Corrected dB	Result (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Degree (°)	Comment
1*	5937.06730	-86.69	peak	51.09	-35.60	-27.00	-8.60	---	---	

5.7 結果判定

以上頻帶外邊緣測試之結果皆低於限制值-27dBm，合乎標準規定。

5.8 輻射之測試配置

圖 2: 量測頻率低於1GHz之測試配置

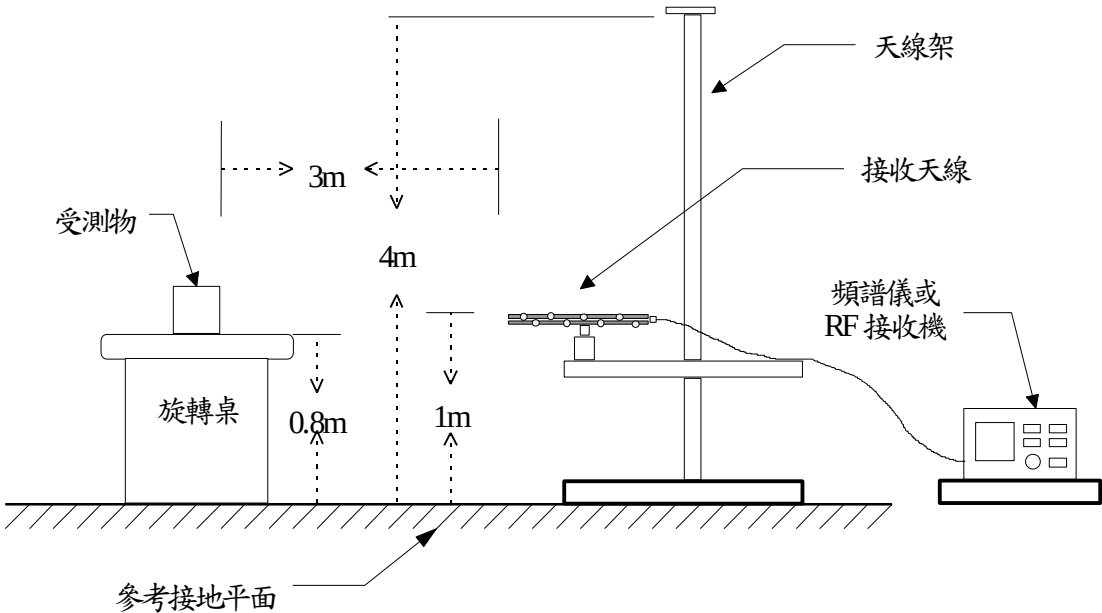
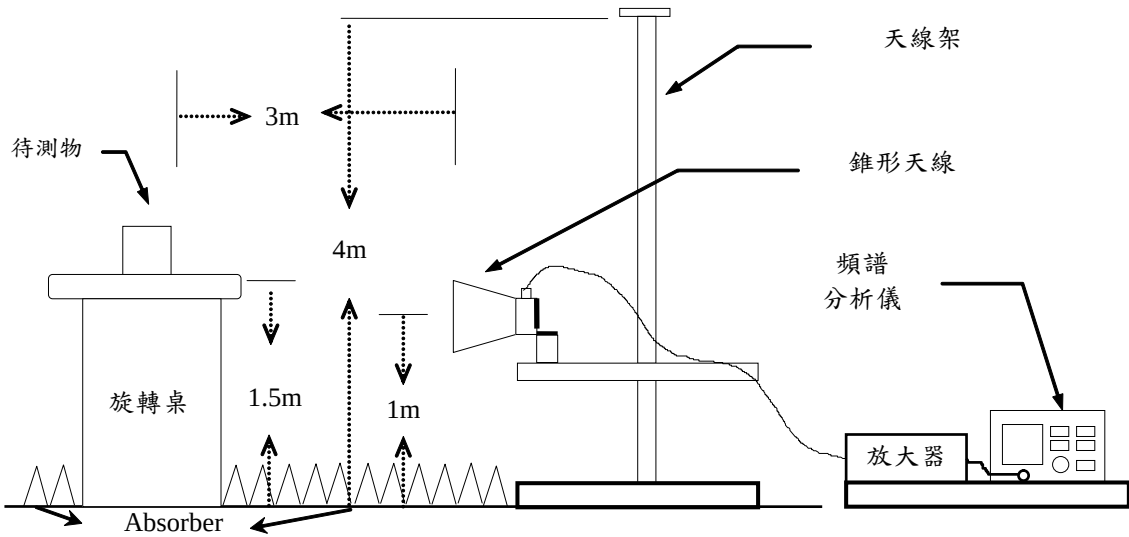


圖 3: 量測頻率高於1GHz之測試配置



5.9 輻射量測之配置照片

請參考產品照片

6 量測之儀器

儀器名稱	製造者	型 號	財產編號/序號	校驗日期	下次校驗日期
EMI Test Receiver	R&S	ESCI	13054418-001	11/26/2019	11/25/2020
V-LISN	R&S	ENV216	13057719-001	09/20/2019	09/19/2020
EMI Receiver	R&S	ESCI	13054423-001	12/24/2019	12/25/2020
Spectrum Analyzer	R&S	FSU46	13040904-001	05/28/2020	05/27/2021
Horn Antenna	EMCO	3117	13059211-004	04/21/2020	04/20/2021
Horn Antenna	EMCO	3116	13059202-001	11/15/2019	11/14/2020
PRE-Amplifier	Agilent	8449B	13040709-001	12/31/2019	12/30/2020
PRE-Amplifier	Agilent	8447D	13040715-002	04/22/2020	04/21/2021
BiLog Antenna	ETC	MCTD 2786	BL19J04024	01/14/2020	01/13/2021
PRE-Amplifier	Agilent	83051A	13052916001	09/18/2020	09/19/2021
Spectrum Analyzer	R&S	FSV	13052017-001	06/12/2020	06/11/2021