

NCC

低功率射頻電機型式試驗報告

申請者: Shure Incorporated
地址: 5800 West Touhy Avenue, Niles, IL60714-4608, USA

產品名稱(英文): Digital Wireless Microphone Transmitter
型號.: ULXD2-G62
廠牌: SHURE
測試標準: 低功率射頻電機技術規範(107 年版)
結果: Complies
測試日期: May 16 ~ 31, 2019
接收日期: May 2, 2019

測試工程師:



(柯文凱)

報告審核人:



(陳柏均)

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(柯承志)



修訂記錄

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1. 一般資訊

申請者	Shure Incorporated
申請者地址	5800 West Touhy Avenue, Niles, IL60714-4608, USA
製造商	Shure Incorporated
製造商地址	5800 West Touhy Avenue, Niles, IL60714-4608, USA
實驗室	台灣曼瑞檢測科技有限公司
實驗室地址	33377 台灣桃園市龜山區復興二路 38 號
實驗室資訊	1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film. 2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada. 3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry Taiwan, EU and TELEC Rules
實驗室測試環境條件	溫度 (°C) : 20-35 / 濕度 (%RH) : 30-65

2. 待測物規格

產品名稱	Digital Wireless Microphone Transmitter
產品型號	ULXD2-G62
商標	SHURE
頻率範圍	510~ 530MHz
傳導功率等級	1mW & 10mW & 20mW(備註 1)
調製類型	8PSK
通道間隔	25kHz

備註 1: 待測物有三個傳導功率等級(1mW & 10mW & 20mW)，與接收器配對後，可以在接收器螢幕上切換。

2.1. 操作頻率

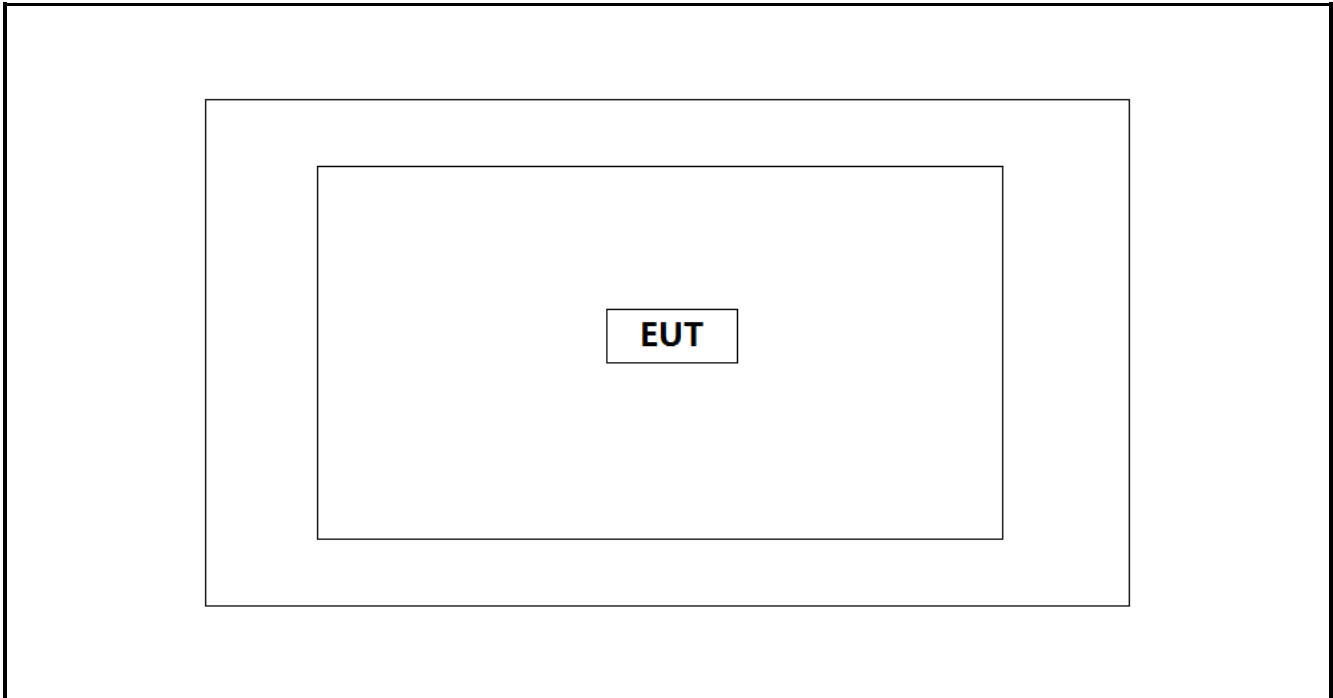
通道	頻率
LOW	510.100 MHz
...	...
MID	520.000 MHz
...	...
HIG	529.900 MHz

3. 待測物架設

3.1. 測試模式

Test Mode
Mode 1: Transmit

3.2. 測試架設示意图



3.3. 操作程式

The test utility software used during testing was “putty.exe” and choose the related script file to download into the EUT, then start to test.

4. 測試設備明細

傳導干擾 -SR2

儀器名稱	製造商	型號	財產編號	校正週期	校正有效日期
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2020/3/25
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2020/4/25
8-Wire ISN (T8)	R&S	ENY81	MRTTWA00018	1 year	2020/4/23
Cable	Rosnol	N1C50-RG400-B1C50 -500CM	MRTTWE00013	1 year	2019/5/18
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2020/3/25

輻射干擾 - AC1

儀器名稱	製造商	型號	財產編號	校正週期	有效日期
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2020/6/4
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2020/3/25
Active Loop Antenna	Schwarzbeck	FMZB 1519B	MRTTWA00002	1 year	2020/4/29
Broadband Horn antenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2020/4/22
Breitband Hornantenna	Schwarzbeck	BBHA 9170	MRTTWA00004	1 year	2020/4/23
Broadband Amplifier	Schwarzbeck	BBV 9721	MRTTWA00006	1 year	2020/4/24
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2020/4/24
Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2019/6/18

傳導量測設備 -SR2

儀器名稱	製造商	型號	財產編號	校正週期	有效日期
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2019/7/30
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00015	1 year	2020/3/26

EMI 測試軟體

軟體名稱	製造商	版本
e3	Audix	9.160520a
EMI	Quietek	V3

5. 量測不確定度

電源傳導量測-電源線 (Conducted Emission- Power Line)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 2.53dB
電源傳導量測-通訊埠 (Conducted Emission- Impedance Stabilization Network Measurement)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.96dB
輻射干擾量測 (Radiated Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.92dB (Below 30M)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.25dB (30M~1G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.40dB (1G~18G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.45dB (18G~40G)
頻率誤差量測 (Frequency Error)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 78.4\text{Hz}$
傳導功率量測 (Conducted Power)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.84\text{dB}$
傳導干擾量測 (Conducted Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 2.65\text{ dB}$
佔用頻寬量測 (Occupied Bandwidth)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.3%
溫度 / 濕度 (Temp. / Humidity)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.82^{\circ}\text{C}/ \pm 3\%$
直流電源 (DC Voltage)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.3\%$

6. 測試摘要

LP0002 章節	量測項目	測試結果	測試數據
2.2 & 4.6.8	天線之要求	符合	第 4 章節
2.3	電源端點干擾測試	符合	第 5 章節
4.6.5	頻率穩定度	符合	第 6 章節
4.6.3	主波發射功率	符合	第 7 章節
4.6.2	必須頻帶寬度	符合	第 8 章節
4.6.6	混附發射	符合	第 9 章節

備註 1: 針對主波發射功率和混附發射，待測物每個軸向(X, Y, Z)均有評估。報告中呈現最差軸向模式資料。

備註 2: 針對頻率穩定度，待測物僅評估了最大功率等級。針對其他測試專案，待測物評估了所有三個不同功率等級。

7. 電源端點干擾測試

7.1. 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之第 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150kHz 至 30MHz 之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限值。測量時應經過 50 微亨利(μH)及 50 歐姆(Ω)之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值為準。

Frequency 頻率範圍 MHz	傳導限制值(dBuV)	
	準尖峰值	平均值
0.15 - 0.50	66 - 56 ^(註)	56 - 46 ^(註)
0.50 - 5.0	56	46
5.0 - 30	60	50

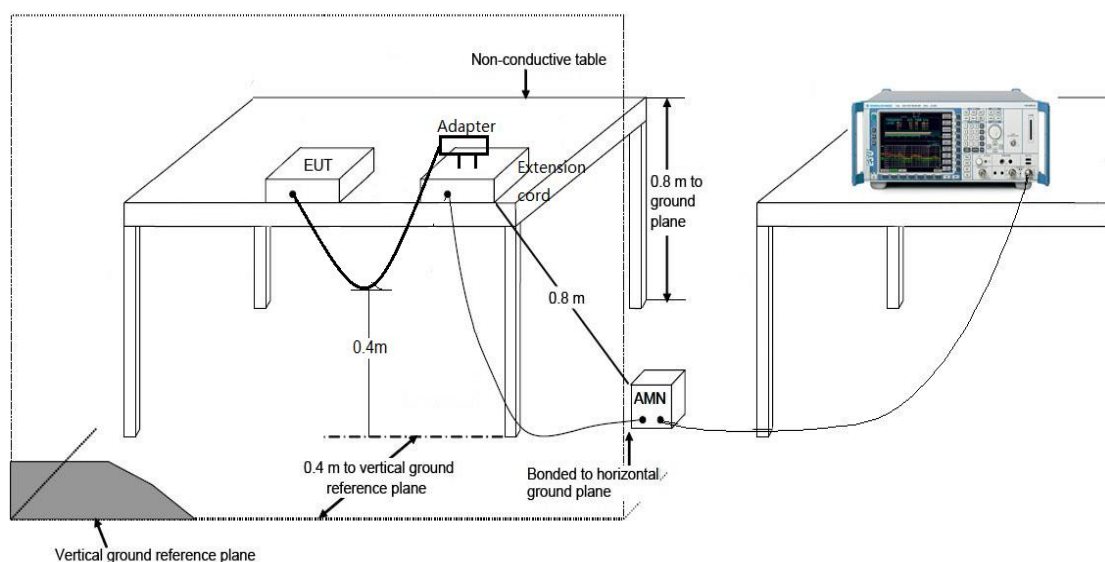
註:隨頻率之對數遞減

7.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至 LISN 距 80 公分，並將電源線多餘部份以 30 至 40 公分之八字形捆綁於電源線中央並離地 40cm，於在正常工作狀態下，執行待測物之火線(Line)及地線(neutral)各一次量測。電源端點場強之測量範圍由 0.15MHz –30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為 9kHz。

備 註: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

7.3. 測試架構圖



7.4. 電源端點測試結果

產品由 AA 電池或者鋰電池供電，此項目不適用。

8. 天線之要求

8.1. 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之第 2.2 節要求：

低功率射頻電機之發射機或收發信機所使用之天線，除本規範章節中另有規定外，應為全固定、半固定式或以獨特之耦合(unique coupling)方式連接機體。

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.6.8 節要求：

傳輸發射訊號之天線不可與機體分離。

8.2. 天線樣式

天線類型	製造商	型號	最大峰值 (dBi)
FPCB Antenna	Shure Incorporated	N/A	-0.6

待測物天線為全固定式天線，且天線與機體不可分離，滿足低功率射頻電機技術規範要求。

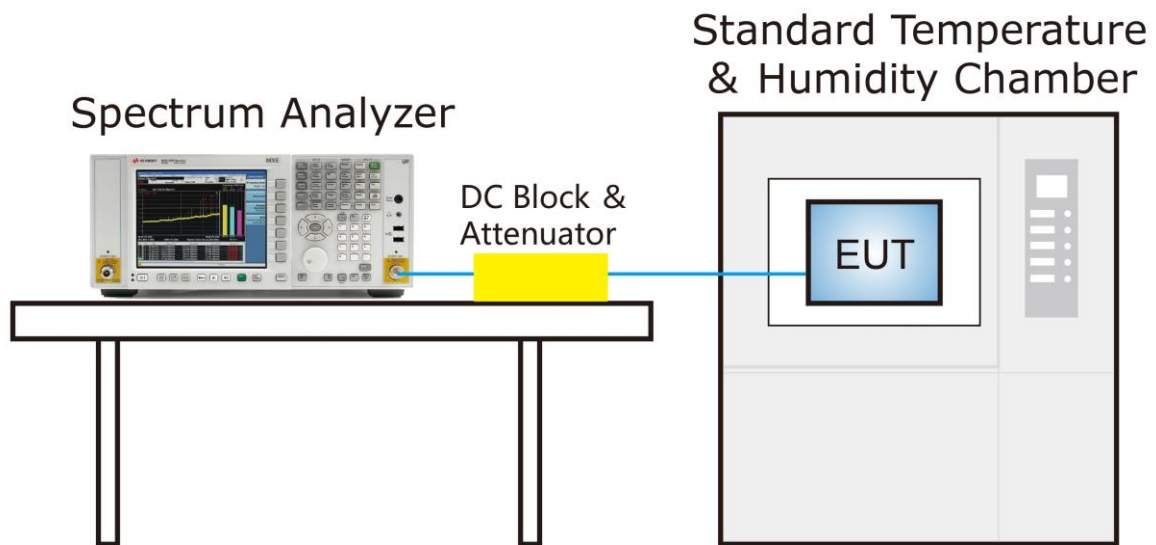
9. 頻率穩定度

9.1. 限值要求

操作頻率小於1 GHz 之系統: 20 ppm。

9.2. 測試架構圖

傳導量測



9.3. 量測步驟

參照法規ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.1.2.

9.4. 頻率穩定度測試結果

待測物	Digital Wireless Microphone Transmitter	測試溫度	-10 ~ 45°C
測試工程師	Kevin Kerr	測試濕度	64%
測試場地	AC1	測試日期	2019/05/20
測試模式	Mode 1 (Carrier Mode)		

測試條件		操作中心頻率 (MHz)	量測頻率 (MHz)	結果 (ppm)	限值要求 (ppm)
T(45°C)	DC 3V	510.100	510.100343	0.67	±20
		520.000	520.000356	0.69	±20
		529.900	529.900350	0.66	±20
T(35°C)	DC 3V	510.100	510.100345	0.68	±20
		520.000	520.000354	0.68	±20
		529.900	529.900349	0.66	±20
T(20°C)	DC 3V	510.100	510.100325	0.64	±20
		520.000	520.000334	0.64	±20
		529.900	529.900343	0.65	±20
	DC 2.25V	510.100	510.100328	0.64	±20
		520.000	520.000336	0.65	±20
		529.900	529.900343	0.65	±20
	DC 3.75V	510.100	510.100321	0.63	±20
		520.000	520.000324	0.62	±20
		529.900	529.900314	0.59	±20
T(10°C)	DC 3V	510.100	510.100342	0.67	±20
		520.000	520.000356	0.68	±20
		529.900	529.900352	0.67	±20
T(0°C)	DC 3V	510.100	510.100340	0.67	±20
		520.000	520.000356	0.68	±20
		529.900	529.900354	0.67	±20
T(-10°C)	DC 3V	510.100	510.100419	0.82	±20
		520.000	520.000431	0.83	±20
		529.900	529.900440	0.83	±20

備註 1: 結果(ppm) = [量測頻率 - 操作中心頻率] / 操作中心頻率 * 10⁶。

備註 2: DC 電壓由製造者所宣告。

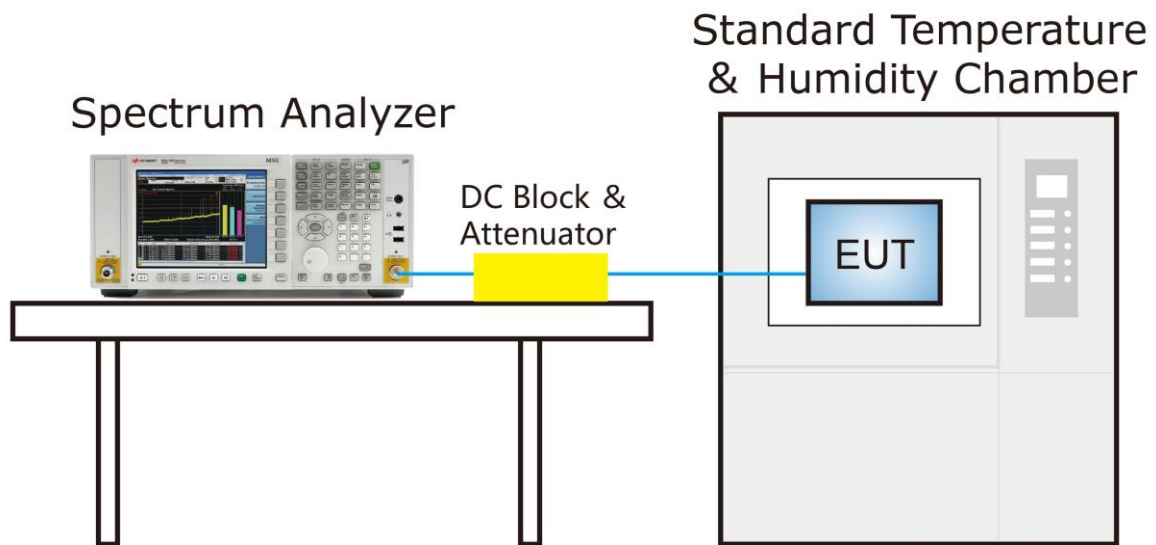
10. 主波發射功率

10.1. 限值要求

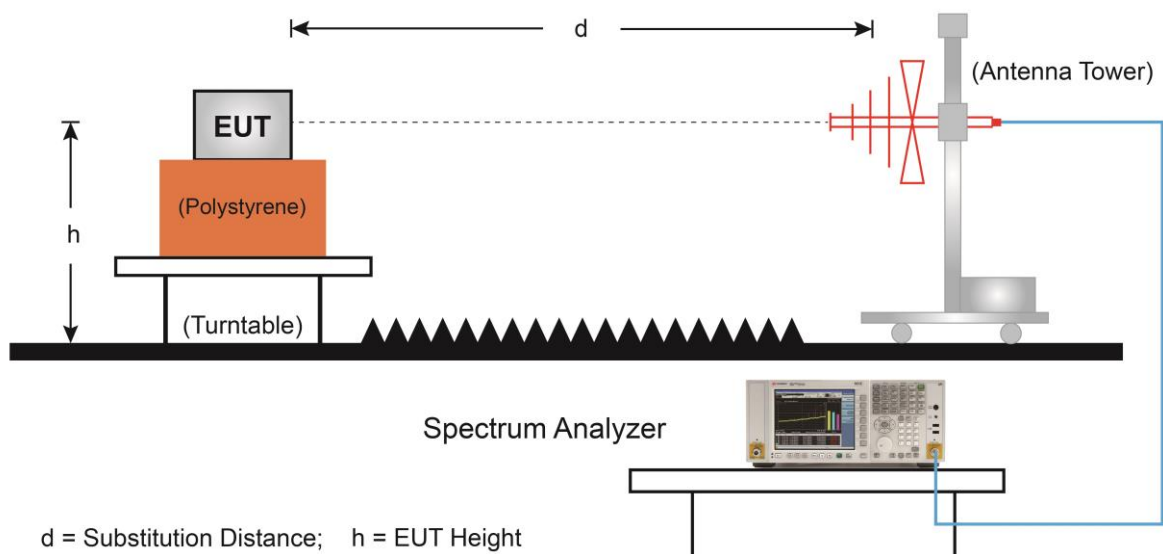
操作於 510.0 MHz~530.0 MHz 者：50 mW 以下。

10.2. 測試架構圖

傳導量測



輻射量測



10.3. 量測步驟

參照法規 ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.2.2.

10.4. 主波發射功率測試結果

待測物	Digital Wireless Microphone Transmitter	測試溫度	24°C
測試工程師	Kevin Ker	測試濕度	52%
測試場地	AC1/SR1	測試日期	2019/05/20
測試模式	Mode 1		

功率等級 (mW)	操作頻率 (MHz)	主波量測值 (dBm)	主波量測值 (mW)	限值要求 (mW)	結果
1	510.100	0.80	1.20	50	符合
	520.000	0.83	1.21	50	符合
	529.900	-0.19	0.96	50	符合
10	510.100	10.95	12.45	50	符合
	520.000	10.87	12.22	50	符合
	529.900	10.11	10.26	50	符合
20	510.100	14.21	26.36	50	符合
	520.000	14.27	26.73	50	符合
	529.900	13.28	21.28	50	符合

備註 1: 主波發射功率輻射量測時，表格中體現的是每個極性/每個軸向中的最大值。

備註 2: 量測功率值 (mW) = $10^{(\text{量測功率值 (dBm)} / 10)}$

極限測試條件

極限條件		功率等級 (mW)	操作頻率 (MHz)	量測功率值 (dBm)	量測功率值 (mW)	限值要求 (mW)	結果
溫度 (°C)	電壓 (V)						
高溫 (50°C)	高壓 (DC 3.75V)	1	510.100	-0.32	0.93	50	符合
			520.000	-0.35	0.92	50	符合
			529.900	-0.71	0.85	50	符合
		10	510.100	10.36	10.86	50	符合
			520.000	10.19	10.45	50	符合
			529.900	10.09	10.21	50	符合
		20	510.100	13.27	21.23	50	符合
			520.000	13.13	20.56	50	符合
			529.900	13.15	20.65	50	符合
高溫 (50°C)	低壓 (DC 2.25V)	1	510.100	-0.32	0.93	50	符合
			520.000	-0.39	0.91	50	符合
			529.900	-0.73	0.85	50	符合
		10	510.100	10.34	10.81	50	符合
			520.000	10.18	10.42	50	符合
			529.900	10.08	10.19	50	符合
		20	510.100	13.25	21.13	50	符合
			520.000	13.12	20.51	50	符合
			529.900	13.07	20.28	50	符合
低溫 (-18°C)	高壓 (DC 3.75V)	1	510.100	1.47	1.40	50	符合
			520.000	1.48	1.41	50	符合
			529.900	1.42	1.39	50	符合
		10	510.100	12.33	17.10	50	符合
			520.000	12.11	16.26	50	符合
			529.900	12.13	16.33	50	符合
		20	510.100	14.43	27.73	50	符合
			520.000	14.16	26.06	50	符合
			529.900	14.35	27.23	50	符合

備註:量測功率值 (mW) = $10^{(\text{量測功率值 (dBm)} / 10)}$

極限條件		功率等級 (mW)	操作頻率 (MHz)	量測功率值 (dBm)	量測功率值 (mW)	限值要求 (mW)	結果 溫度 (°C)
溫度 (°C)	電壓 (V)						
低溫(-18°C)	低壓 (DC 2.25V)	1	510.100	1.45	1.40	50	符合
			520.000	1.46	1.40	50	符合
			529.900	1.47	1.40	50	符合
		10	510.100	12.37	17.26	50	符合
			520.000	12.06	16.07	50	符合
			529.900	12.11	16.26	50	符合
		20	510.100	14.48	28.05	50	符合
			520.000	14.49	28.12	50	符合
			529.900	14.37	27.35	50	符合

備註:量測功率值 (mW) = $10^{(\text{量測功率值 (dBm)} / 10)}$

11. 必須頻帶寬度

11.1. 限值要求

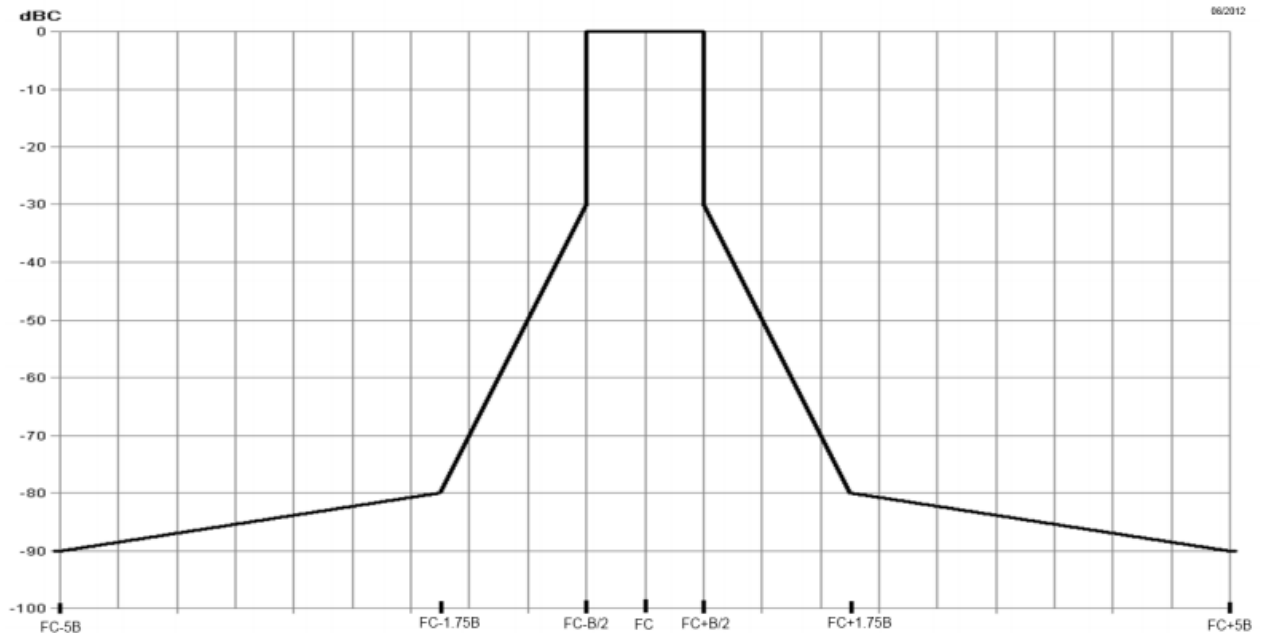
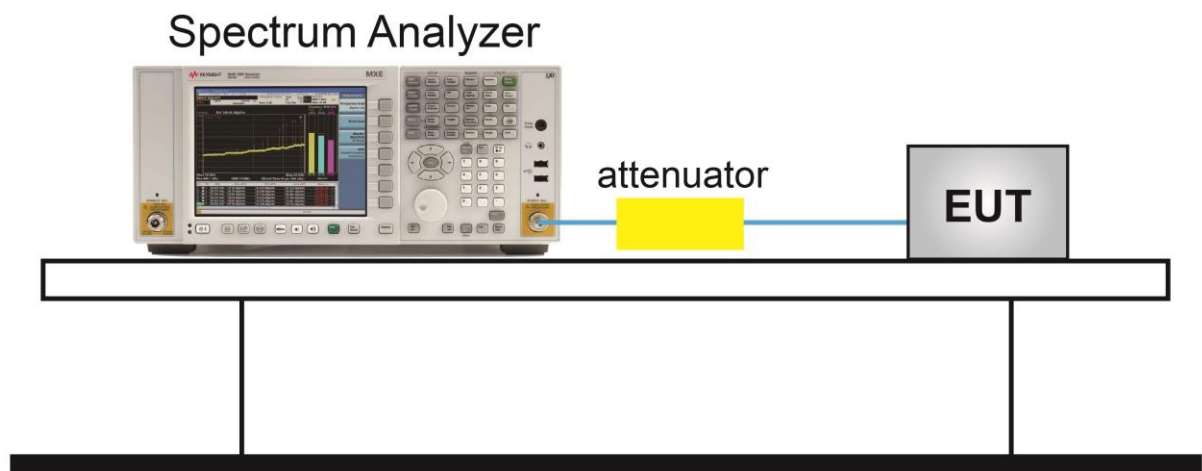


Figure 4: Spectrum mask for digital systems below 2 GHz

11.2. 測試架構圖



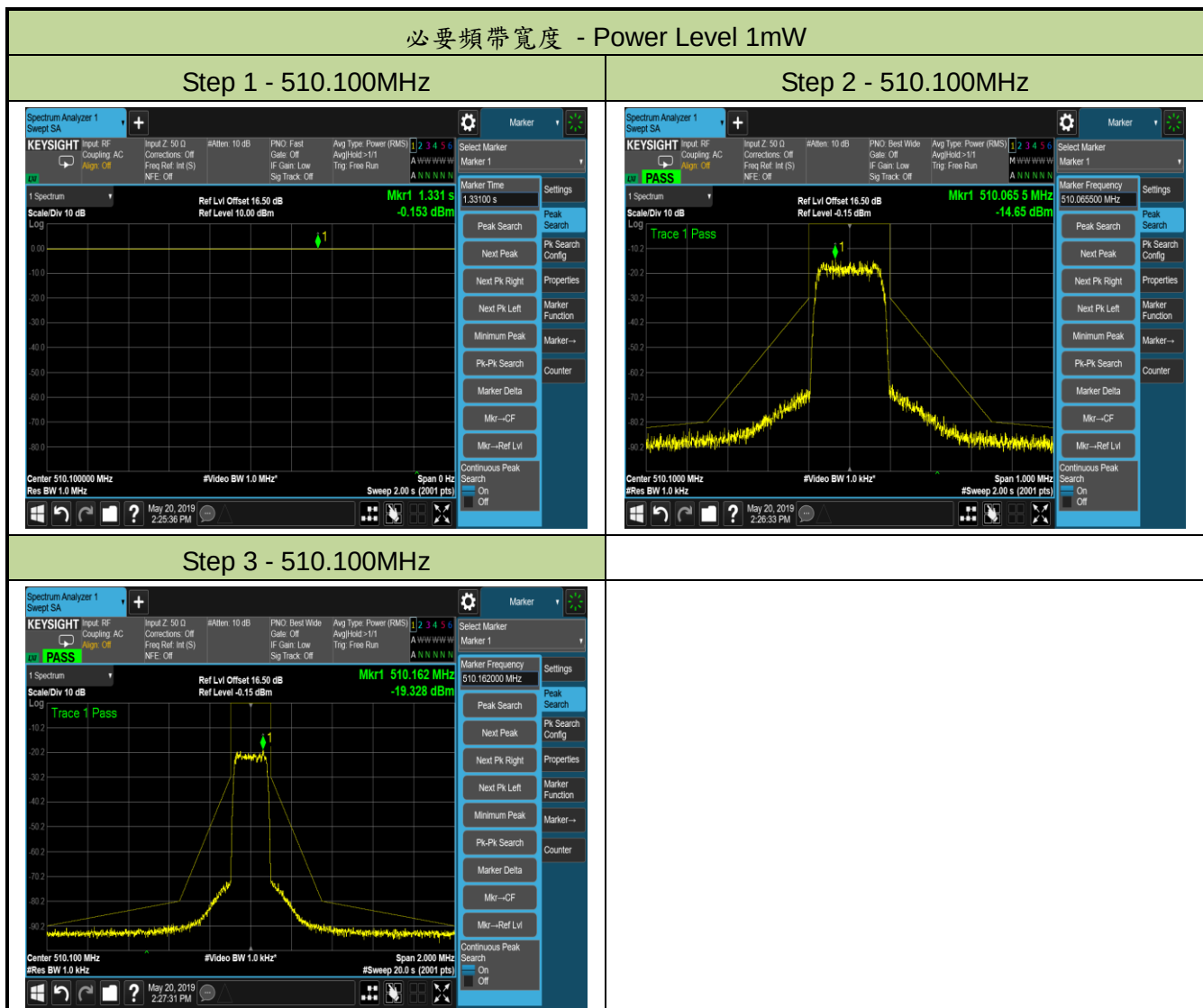
11.3. 量測步驟

參照法規 ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.3.2.

11.4. 必要頻帶寬度測試結果

待測物	Digital Wireless Microphone Transmitter	測試溫度	23°C
測試工程師	Kevin Ker	測試濕度	46%
測試場地	SR1	測試日期	2019/05/20
測試模式	Mode 1		

備註：B - 廠商宣稱頻帶寬度為 200kHz;

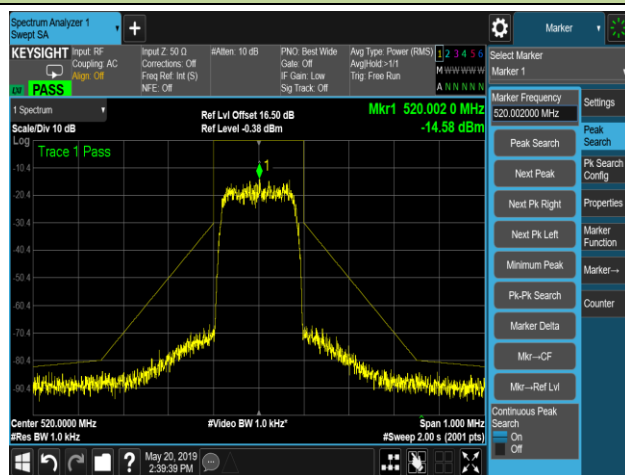


必要頻帶寬度 - Power Level 1mW

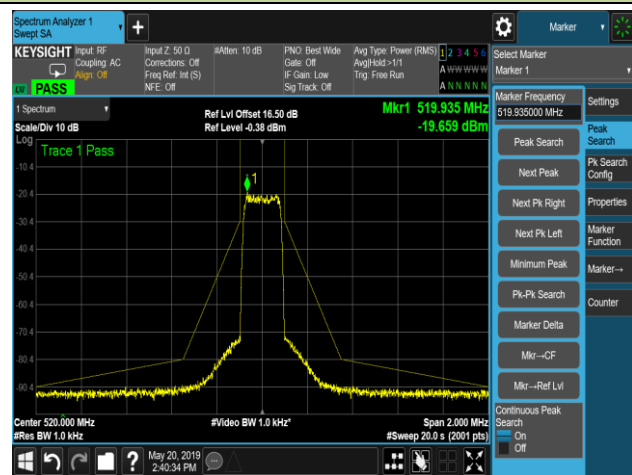
Step 1 - 520.000MHz



Step 2 - 520.000MHz



Step 3 - 520.000MHz

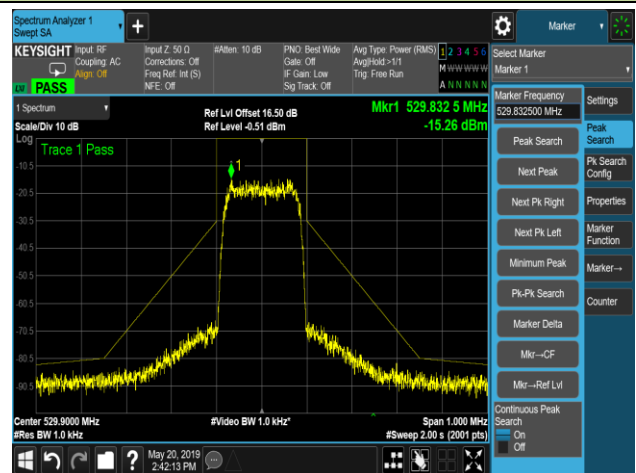


必要頻帯寬度 - Power Level 1mW

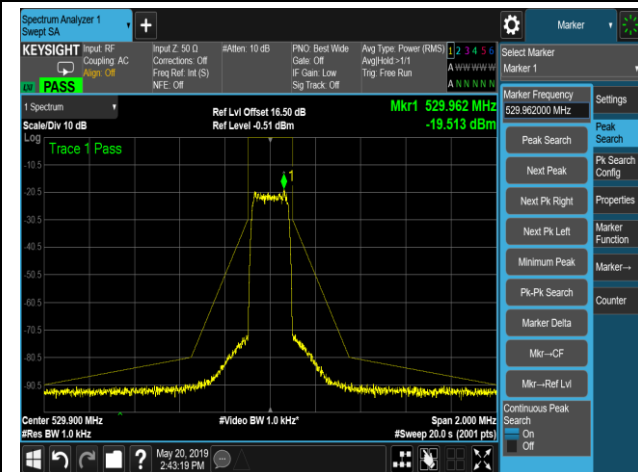
Step 1 - 529.900MHz



Step 2 - 529.900MHz



Step 3 - 529.900MHz

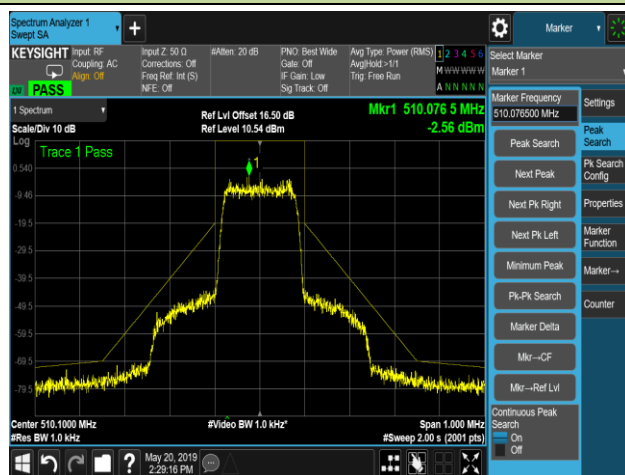


必要頻帶寬度 - Power Level 10mW

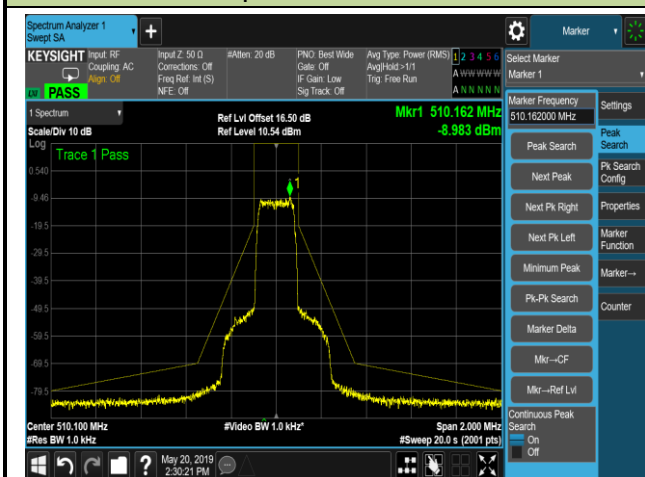
Step 1 - 510.100MHz



Step 2 - 510.100MHz



Step 3 - 510.100MHz

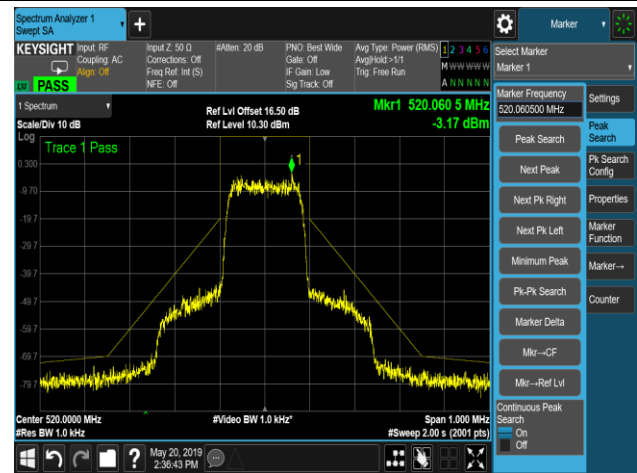


必要頻帶寬度 - Power Level 10mW

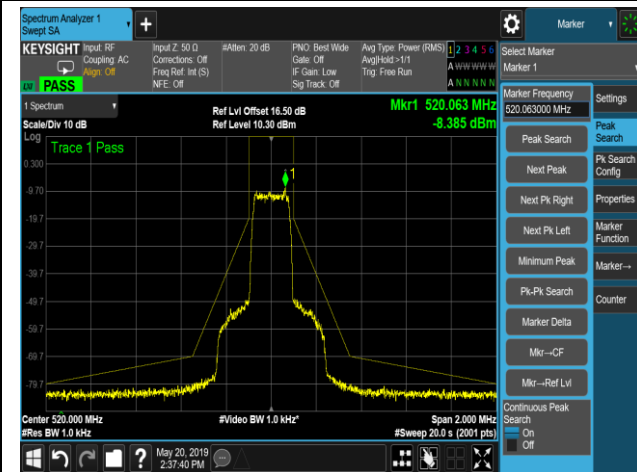
Step 1 - 520.000MHz



Step 2 - 520.000MHz



Step 3 - 520.000MHz



必要頻帶寬度 - Power Level 10mW

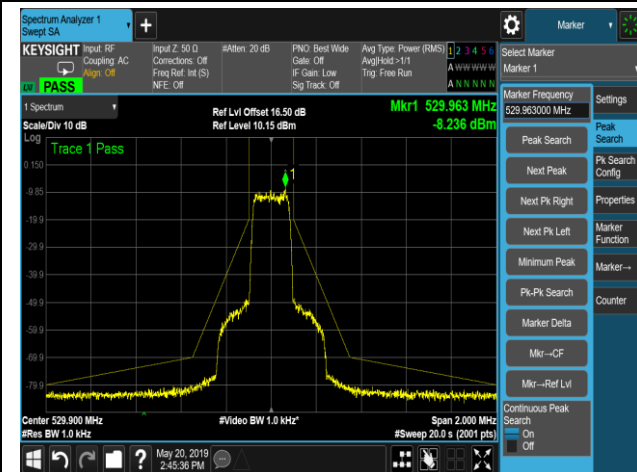
Step 1 - 529.900MHz



Step 2 - 529.900MHz



Step 3 - 529.900MHz

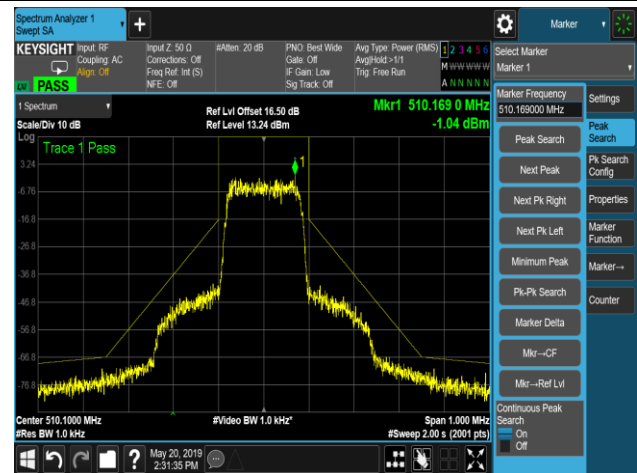


必要頻帶寬度 - Power Level 20mW

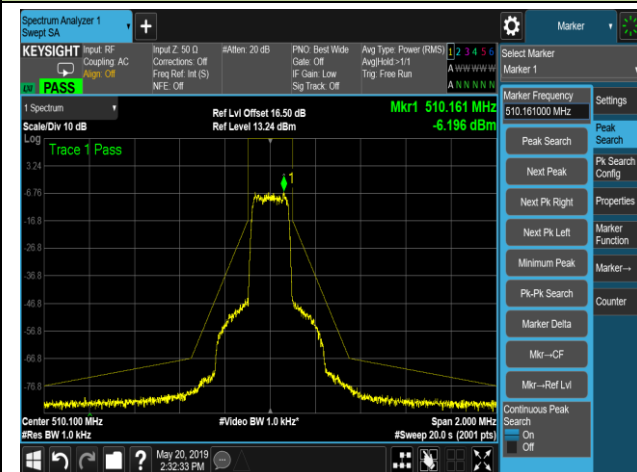
Step 1 - 510.100MHz



Step 2 - 510.100MHz



Step 3 - 510.100MHz

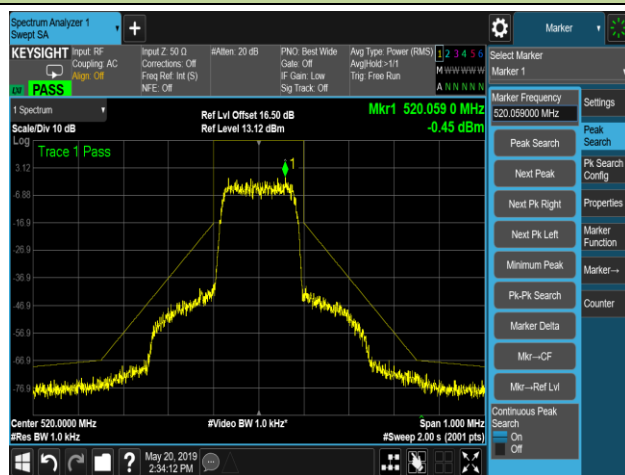


必要頻帶寬度 - Power Level 20mW

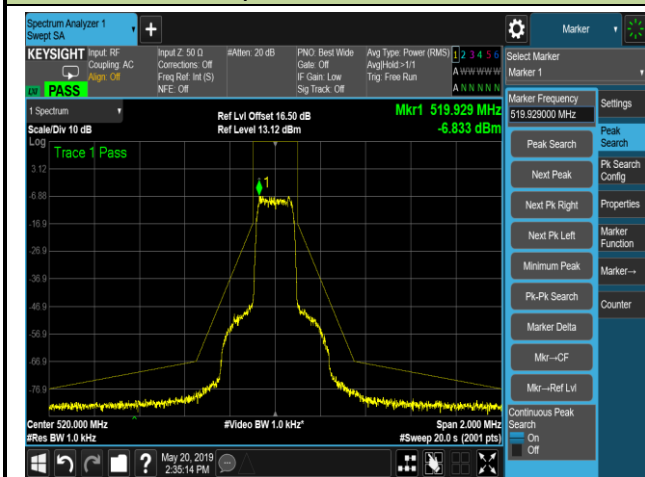
Step 1 - 520.000MHz



Step 2 - 520.000MHz



Step 3 - 520.000MHz

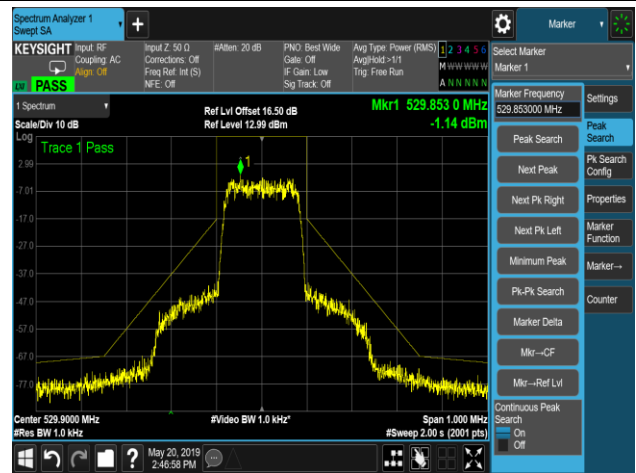


必要頻帶寬度 - Power Level 20mW

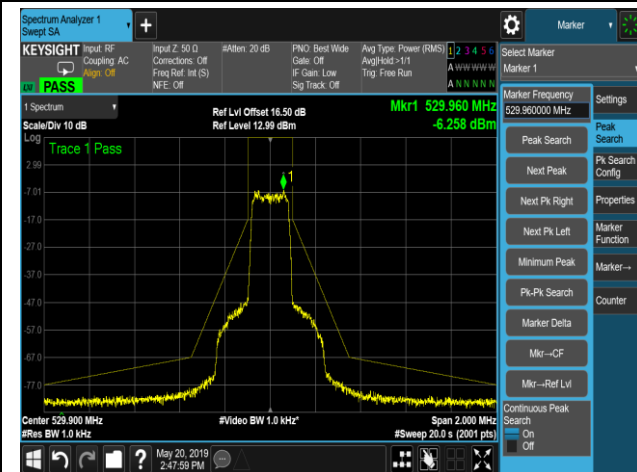
Step 1 - 529.900MHz



Step 2 - 529.900MHz



Step 3 - 529.900MHz



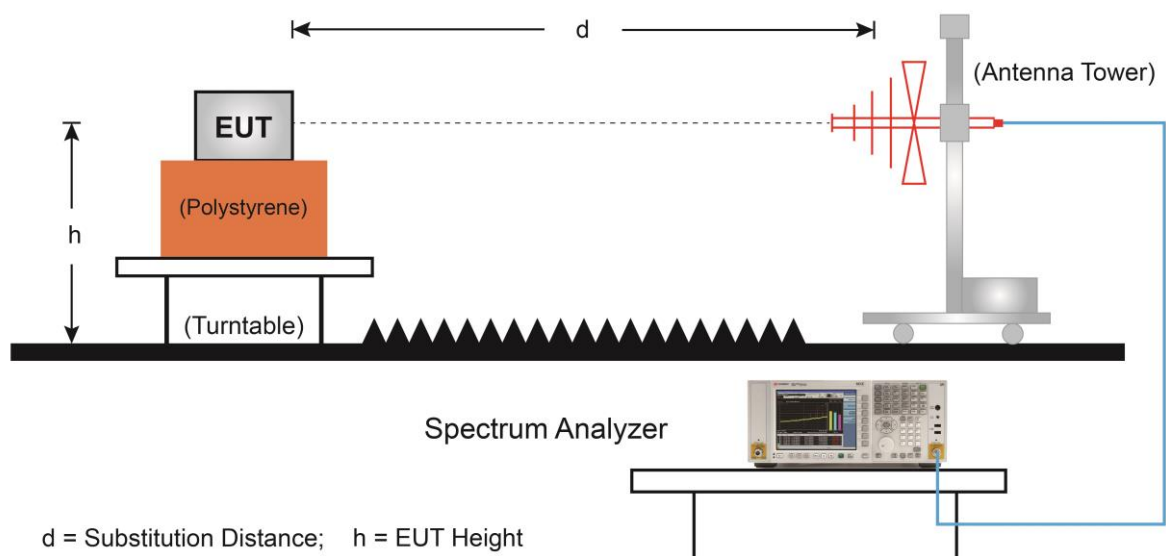
12. 混附發射

12.1. 限值要求

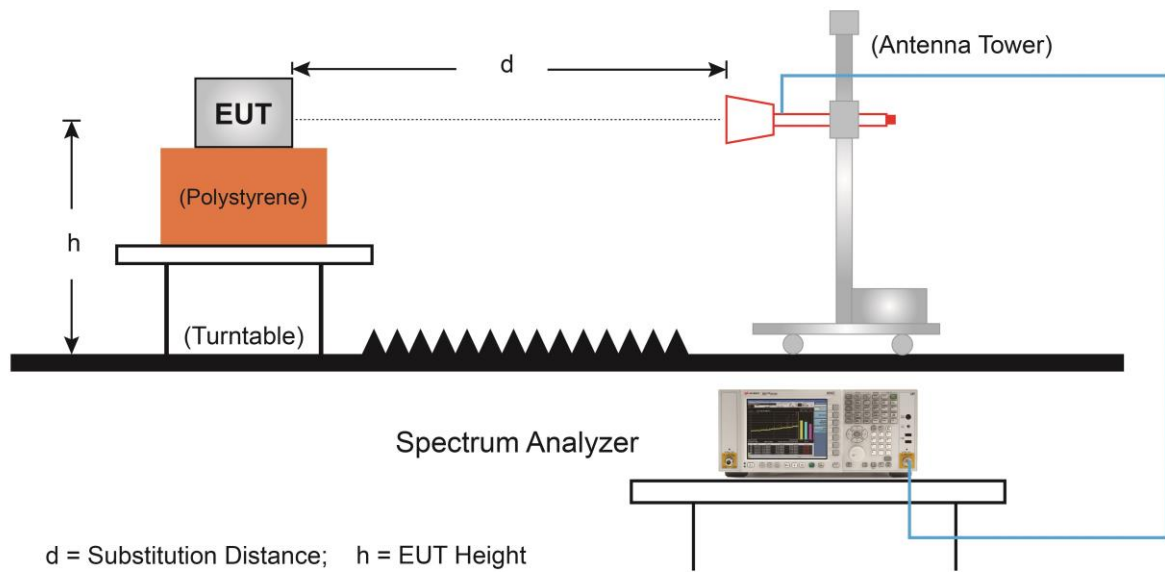
State	Frequency		
	47MHz to 74MHz 87.5MHz to 118MHz 174MHz to 230MHz 470MHz to 862MHz	Other Frequencies below 1000MHz	Frequencies above 1000MHz
Operation	4nW	250nW	1uW
Standby	2nW	2nW	20nW

12.2. 測試架構圖

30MHz ~ 1GHz 測試架構圖:



1GHz ~ 4GHz 測試架構圖:



12.3. 量測步驟

參照法規ETSI EN 300 422-1 V2.1.2 (2017-01) 章節8.4.2.

12.4. 混附發射測試結果

待測物	Digital Wireless Microphone Transmitter	測試溫度	25°C
測試工程師	Kevin Kerr	測試濕度	54%
測試模式	Mode 1	測試場地	AC1

Power Level (mW)	Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
1	510.100	49.9	-102.3	23.2	-79.1	-54	-25.1	Peak	Horizontal
		206.8	-95.7	17.8	-77.9	-54	-23.9	Peak	Horizontal
		95.2	-93.0	21.6	-71.4	-54	-17.4	Peak	Vertical
		771.4	-99.5	30.0	-69.5	-54	-15.5	Peak	Vertical
		1529.5	-58.4	3.9	-54.5	-30	-24.5	Peak	Horizontal
		2224.0	-62.6	6.2	-56.4	-30	-26.4	Peak	Horizontal
		1531.0	-59.9	4.2	-55.7	-30	-25.7	Peak	Vertical
		2423.5	-58.9	7.6	-51.3	-30	-21.3	Peak	Vertical
	520.000	202.9	-94.9	18.2	-76.7	-54	-22.7	Peak	Horizontal
		834.7	-98.6	29.7	-68.9	-54	-14.9	Peak	Horizontal
		95.2	-92.5	21.6	-70.9	-54	-16.9	Peak	Vertical
		787.0	-99.7	30.3	-69.4	-54	-15.4	Peak	Vertical
		1559.5	-58.9	4.2	-54.7	-30	-24.7	Peak	Horizontal
		2414.5	-62.2	6.5	-55.7	-30	-25.7	Peak	Horizontal
		1886.5	-61.4	5.5	-55.9	-30	-25.9	Peak	Vertical
		2410.0	-63.5	7.8	-55.7	-30	-25.7	Peak	Vertical
	529.900	202.9	-95.8	18.2	-77.6	-54	-23.6	Peak	Horizontal
		748.0	-98.8	28.6	-70.2	-54	-16.2	Peak	Horizontal
		95.2	-93.0	21.6	-71.4	-54	-17.4	Peak	Vertical
		764.5	-100.4	30.1	-70.3	-54	-16.3	Peak	Vertical
		1589.5	-56.6	4.0	-52.6	-30	-22.6	Peak	Horizontal
		2272.0	-62.0	6.2	-55.8	-30	-25.8	Peak	Horizontal
		1886.5	-61.6	5.5	-56.1	-30	-26.1	Peak	Vertical
		2276.5	-63.6	8.1	-55.5	-30	-25.5	Peak	Vertical

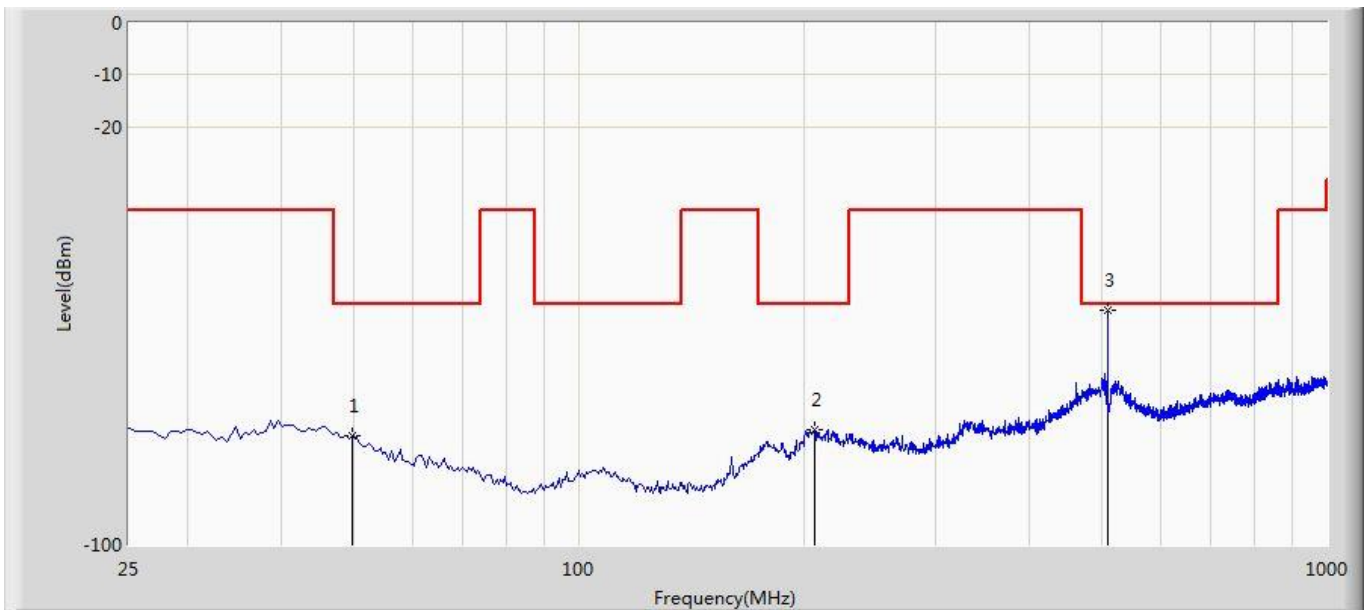
Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Power Level (mW)	Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
10	510.100	215.6	-94.6	17.7	-76.9	-54	-22.9	Peak	Horizontal
		737.7	-98.0	27.9	-70.1	-54	-16.1	Peak	Horizontal
		94.7	-92.3	21.5	-70.8	-54	-16.8	Peak	Vertical
		771.4	-99.4	30.0	-69.4	-54	-15.4	Peak	Vertical
		1529.5	-50.6	3.9	-46.7	-30	-16.7	Peak	Horizontal
		2041.0	-56.5	5.8	-50.7	-30	-20.7	Peak	Horizontal
		2032.0	-62.6	6.2	-56.4	-30	-26.4	Peak	Vertical
		2423.5	-62.8	7.6	-55.2	-30	-25.2	Peak	Vertical
	520.000	210.3	-94.9	17.6	-77.3	-54	-23.3	Peak	Horizontal
		722.6	-97.9	27.6	-70.3	-54	-16.3	Peak	Horizontal
		95.7	-105.7	33.9	-71.8	-54	-17.8	Peak	Vertical
		785.5	-102.6	33.3	-69.3	-54	-15.3	Peak	Vertical
		1559.5	-52.3	4.2	-48.1	-30	-18.1	Peak	Horizontal
		2080.0	-60.2	5.8	-54.4	-30	-24.4	Peak	Horizontal
		1454.5	-63.0	5.5	-57.5	-30	-27.5	Peak	Vertical
		2023.0	-63.5	6.2	-57.3	-30	-27.3	Peak	Vertical
	529.900	204.4	-94.8	18.0	-76.8	-54	-22.8	Peak	Horizontal
		744.1	-98.2	28.5	-69.7	-54	-15.7	Peak	Horizontal
		95.2	-92.3	21.6	-70.7	-54	-16.7	Peak	Vertical
		773.3	-99.8	30.0	-69.8	-54	-15.8	Peak	Vertical
		1589.5	-49.8	4.0	-45.8	-30	-15.8	Peak	Horizontal
		2119.0	-57.4	6.1	-51.3	-30	-21.3	Peak	Horizontal
		1355.5	-60.4	4.8	-55.6	-30	-25.6	Peak	Vertical
		2450.5	-62.8	7.2	-55.6	-30	-25.6	Peak	Vertical
Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)									
Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)									

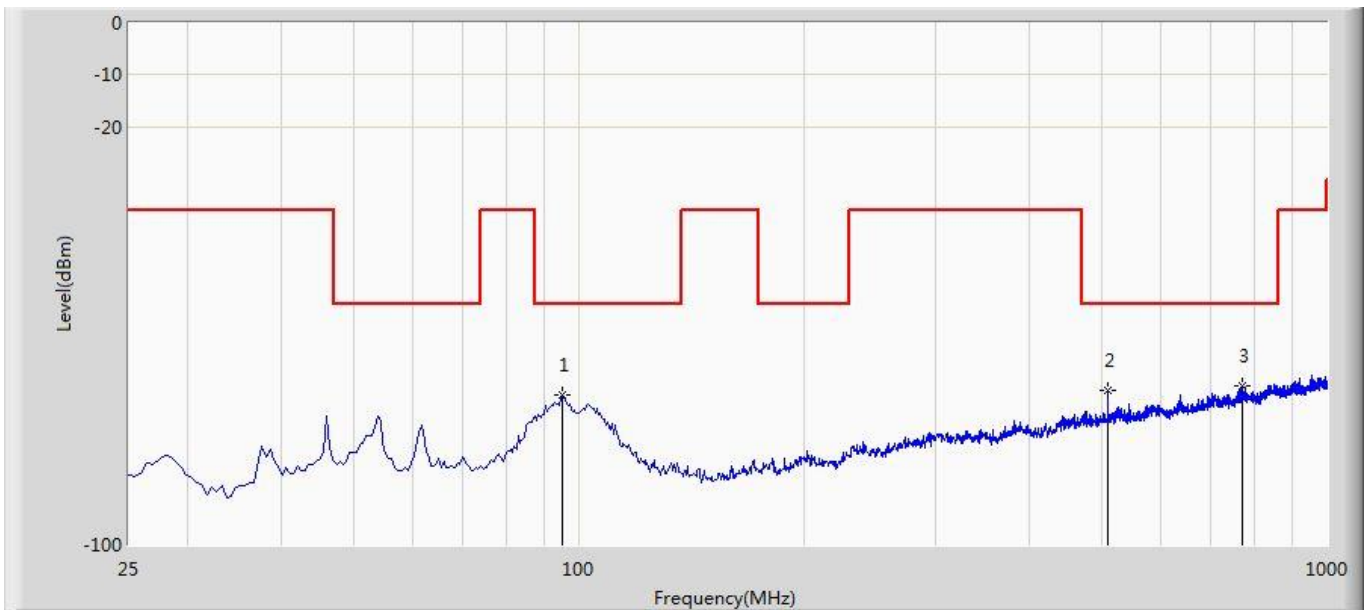
Power Level (mW)	Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
20	510.100	204.4	-95.3	18.0	-77.3	-54	-23.3	Peak	Horizontal
		738.2	-98.0	28.0	-70.0	-54	-16.0	Peak	Horizontal
		103.5	-93.8	22.6	-71.2	-54	-17.2	Peak	Vertical
		776.2	-100.7	30.0	-70.7	-54	-16.7	Peak	Vertical
		1529.5	-46.3	3.9	-42.4	-30	-12.4	Peak	Horizontal
		2041.0	-61.1	5.8	-55.3	-30	-25.3	Peak	Horizontal
		1369.0	-59.1	4.5	-54.6	-30	-24.6	Peak	Vertical
		2408.5	-62.2	7.8	-54.4	-30	-24.4	Peak	Vertical
	520.000	204.9	-93.8	18.0	-75.8	-54	-21.8	Peak	Horizontal
		739.2	-97.8	28.2	-69.6	-54	-15.6	Peak	Horizontal
		95.2	-93.0	21.6	-71.4	-54	-17.4	Peak	Vertical
		774.3	-100.2	30.0	-70.2	-54	-16.2	Peak	Vertical
		1559.5	-48.2	4.2	-44.0	-30	-14.0	Peak	Horizontal
		2080.0	-56.1	5.8	-50.3	-30	-20.3	Peak	Horizontal
		1520.5	-60.9	3.9	-57.0	-30	-27.0	Peak	Vertical
		1885.0	-62.6	5.5	-57.1	-30	-27.1	Peak	Vertical
	529.900	203.9	-94.6	18.1	-76.5	-54	-22.5	Peak	Horizontal
		750.4	-97.8	28.7	-69.1	-54	-15.1	Peak	Horizontal
		95.2	-92.3	21.6	-70.7	-54	-16.7	Peak	Vertical
		844.5	-98.8	31.4	-67.4	-54	-13.4	Peak	Vertical
		1589.5	-46.5	4.0	-42.5	-30	-12.5	Peak	Horizontal
		2270.5	-60.7	6.2	-54.5	-30	-24.5	Peak	Horizontal
		1516.0	-60.2	3.8	-56.4	-30	-26.4	Peak	Vertical
		2273.5	-63.8	8.1	-55.7	-30	-25.7	Peak	Vertical
Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)									
Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)									

Site: AC2	Time: 2019/05/24 - 22:35
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 1mW	



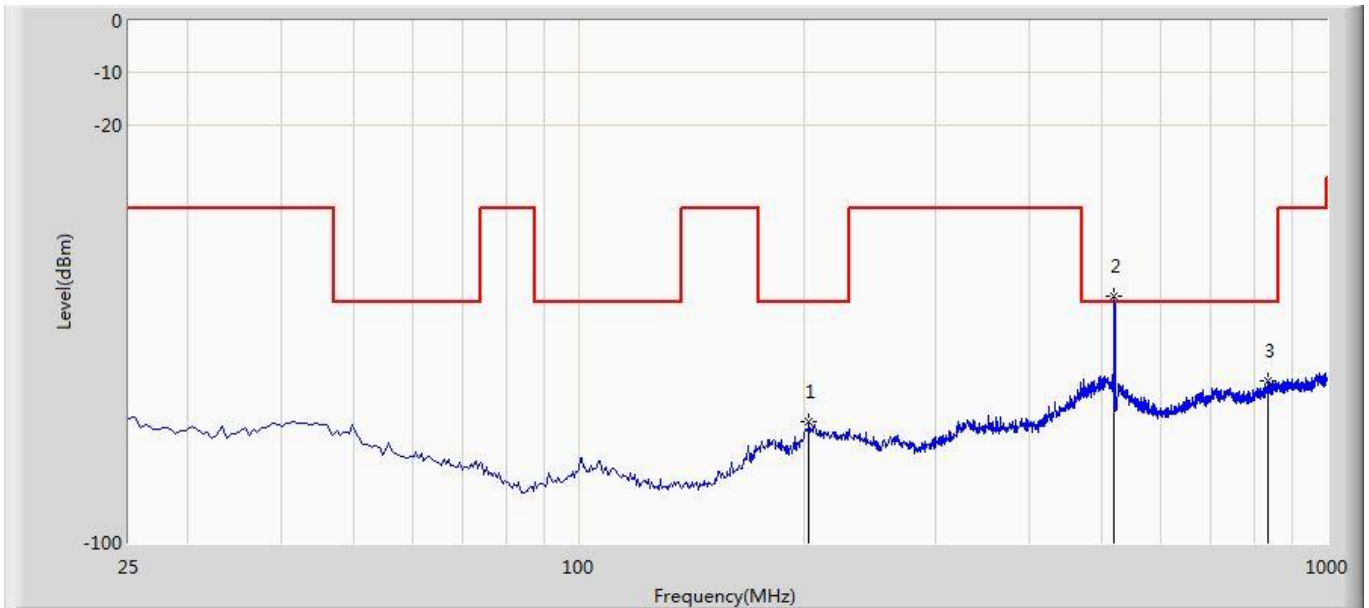
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		49.862	-79.091	-102.309	-25.091	-54.000	23.218	PK
2		206.837	-77.890	-95.714	-23.890	-54.000	17.824	PK
3	*	510.062	-55.009	-80.446	N/A	N/A	25.437	PK

Site: AC2	Time: 2019/05/24 - 22:37
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 1mW	



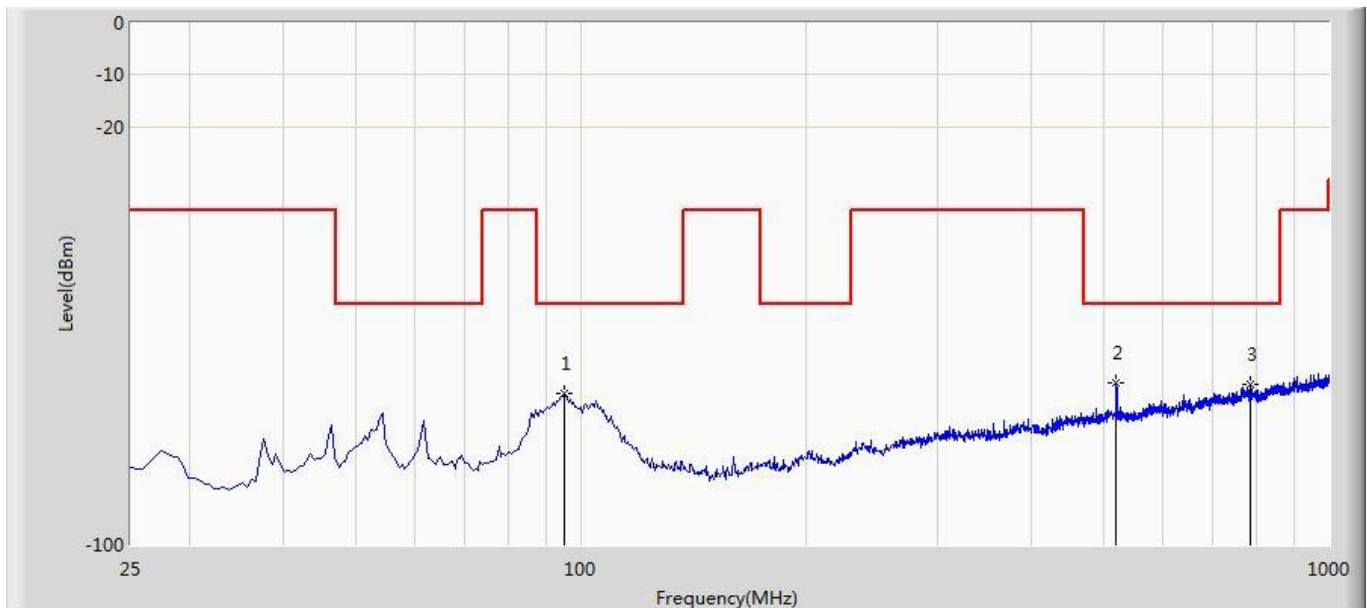
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-71.440	-93.034	-17.440	-54.000	21.594	PK
2		510.062	-70.529	-97.464	N/A	N/A	26.935	PK
3	*	771.362	-69.532	-99.543	-15.532	-54.000	30.011	PK

Site: AC2	Time: 2019/05/24 - 22:44
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 1mW	



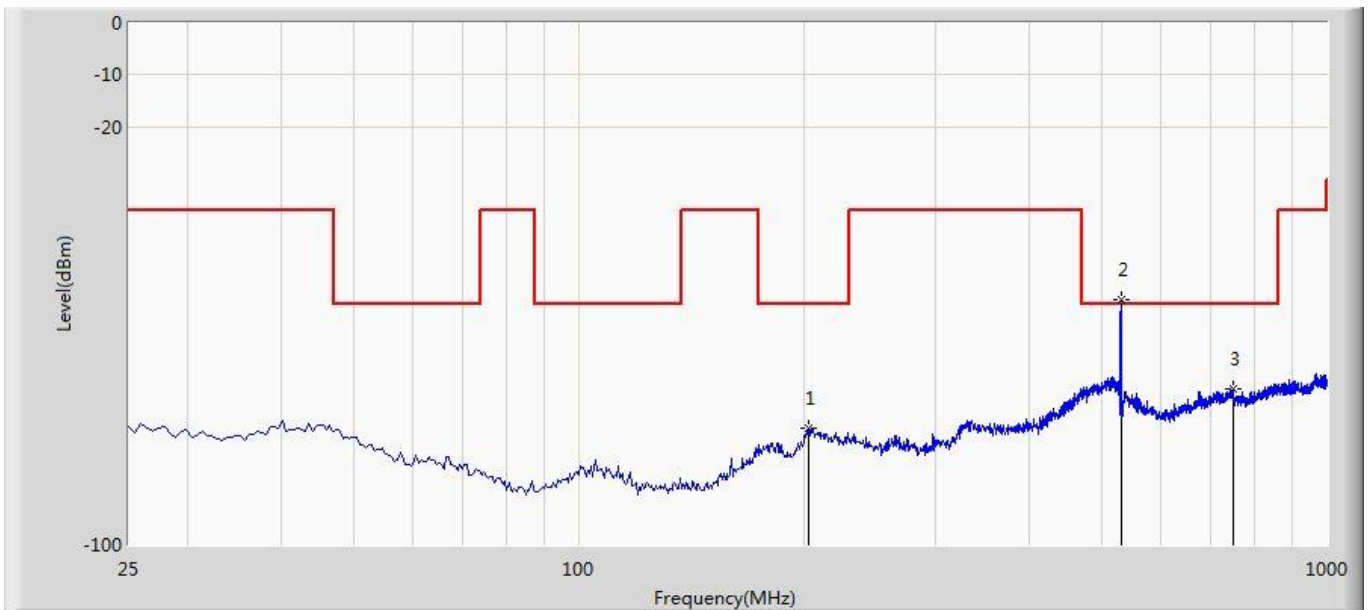
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		202.937	-76.773	-94.941	-22.773	-54.000	18.168	PK
2	*	519.812	-52.711	-78.211	N/A	N/A	25.500	PK
3		834.737	-68.892	-98.622	-14.892	-54.000	29.730	PK

Site: AC2	Time: 2019/05/24 - 22:46
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 1mW	



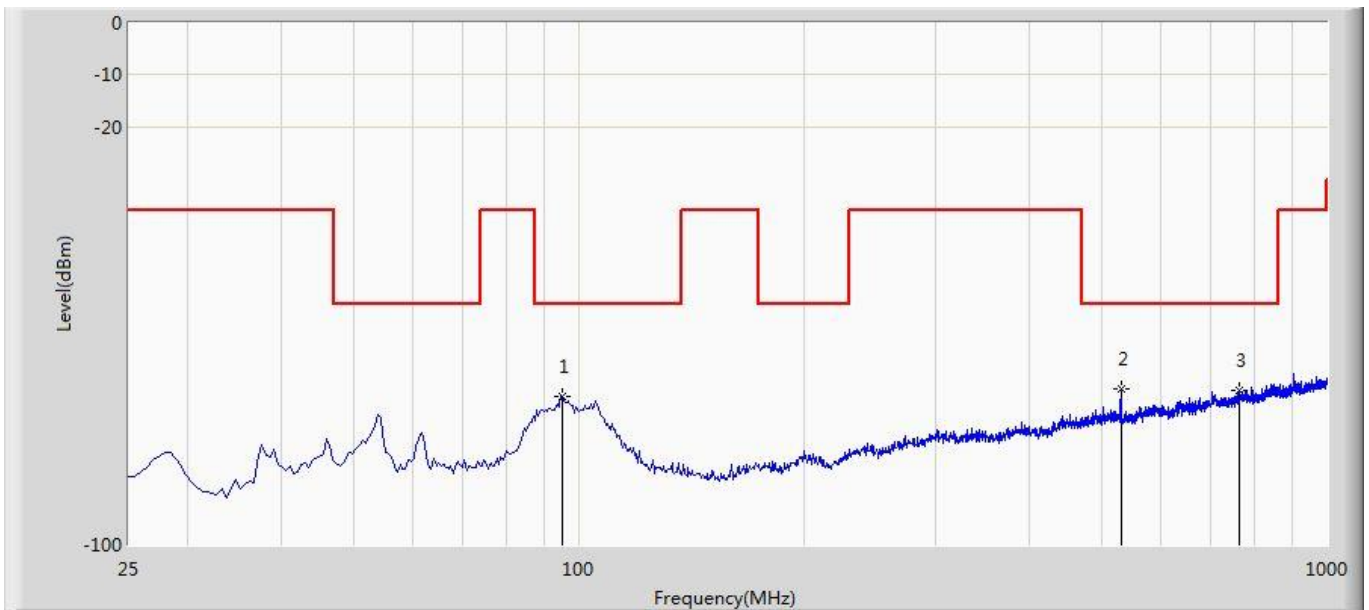
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-70.952	-92.546	-16.952	-54.000	21.594	PK
2	*	519.812	-68.883	-96.040	N/A	N/A	27.157	PK
3		786.963	-69.373	-99.692	-15.373	-54.000	30.319	PK

Site: AC2	Time: 2019/05/24 - 22:55
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 1mW	



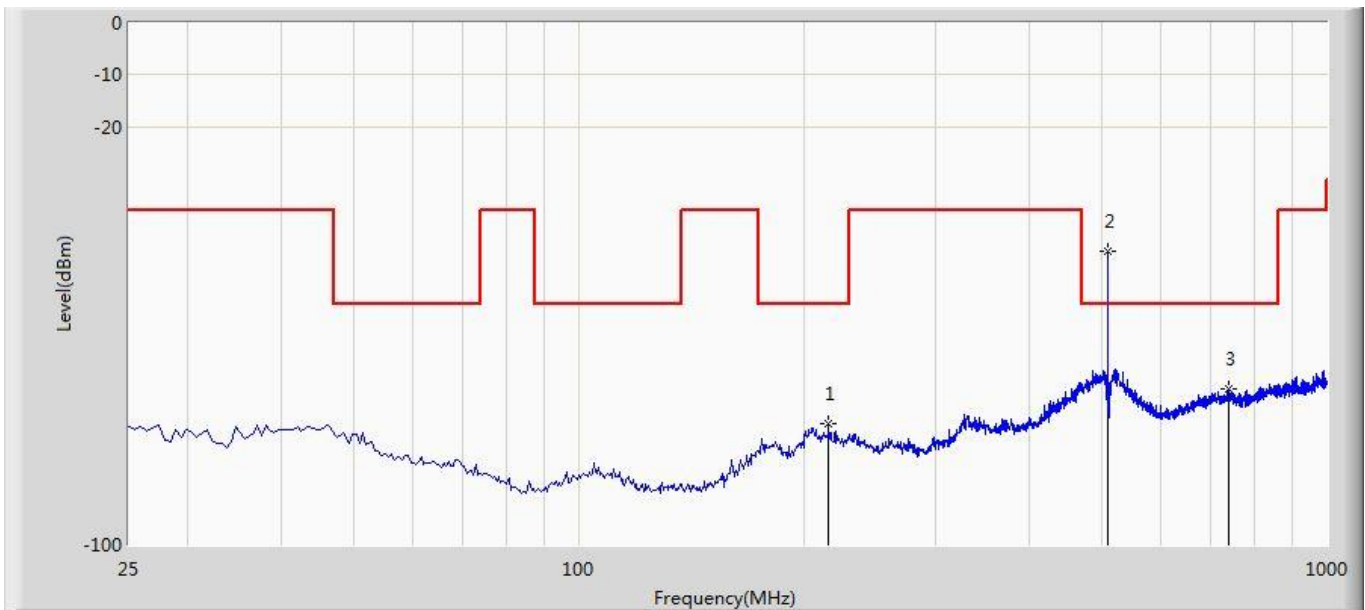
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		202.937	-77.626	-95.794	-23.626	-54.000	18.168	PK
2	*	530.050	-52.946	-78.438	N/A	N/A	25.492	PK
3		747.963	-70.140	-98.757	-16.140	-54.000	28.617	PK

Site: AC2	Time: 2019/05/24 - 22:58
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 1mW	



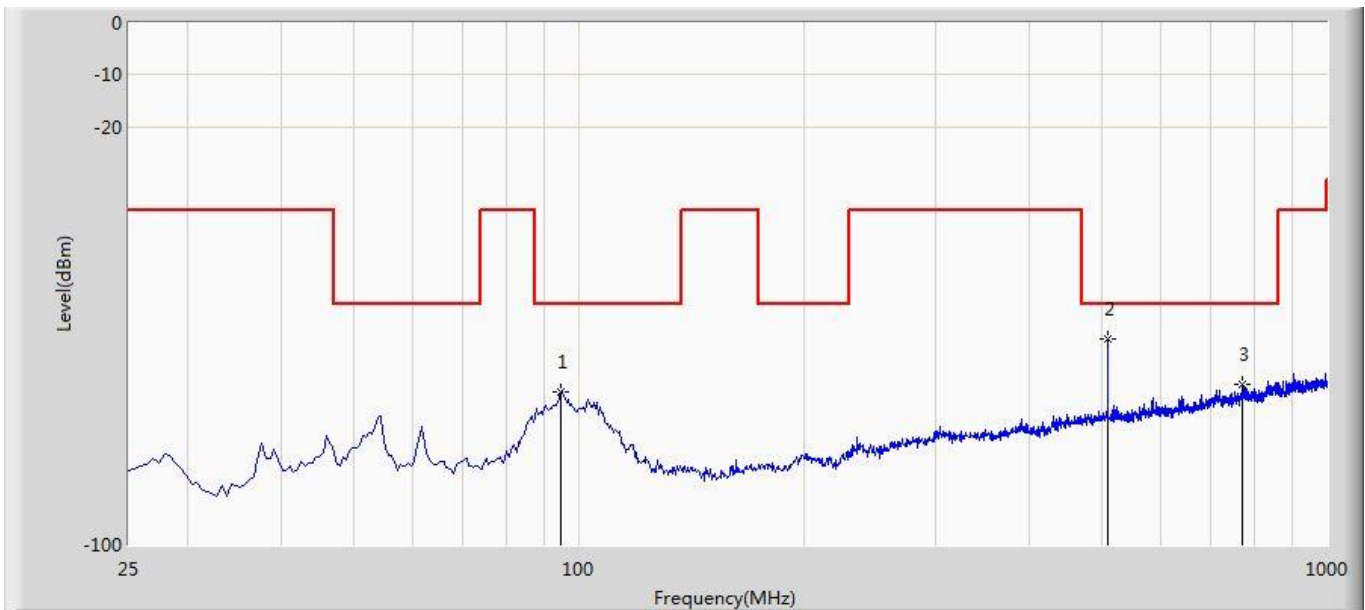
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-71.455	-93.049	-17.455	-54.000	21.594	PK
2	*	530.050	-70.078	-97.168	N/A	N/A	27.090	PK
3		764.537	-70.296	-100.394	-16.296	-54.000	30.098	PK

Site: AC2	Time: 2019/05/24 - 22:38
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 10mW	



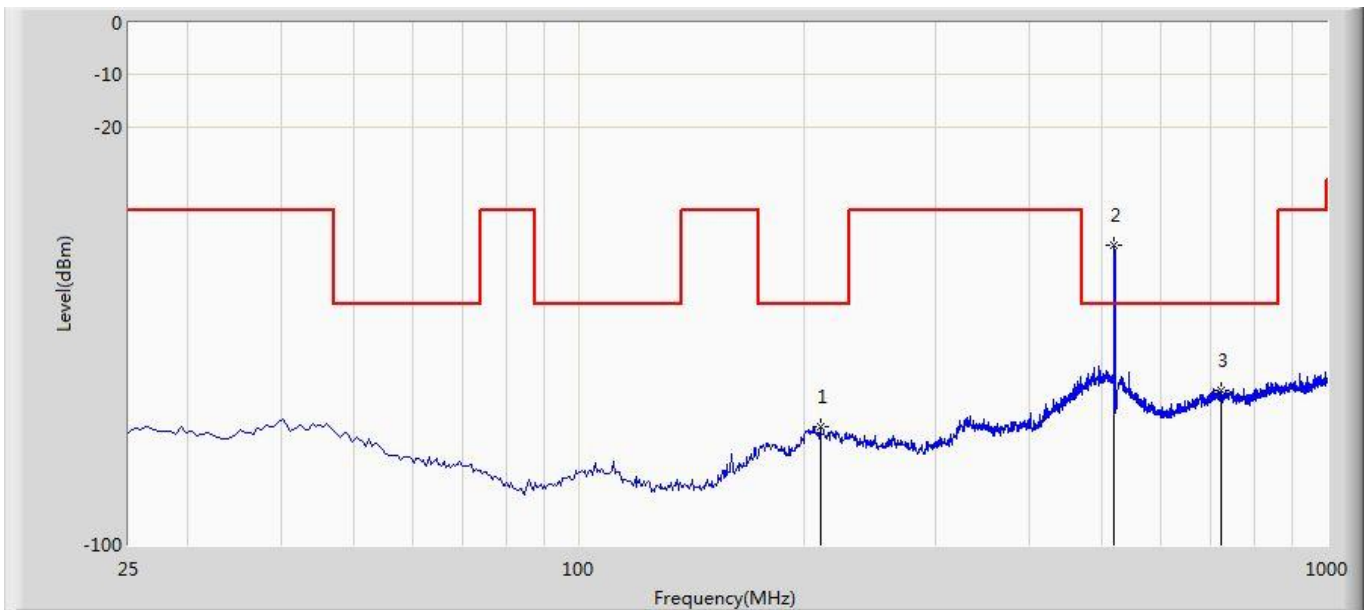
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		215.613	-76.864	-94.599	-22.864	-54.000	17.735	PK
2	*	510.062	-43.856	-69.293	N/A	N/A	25.437	PK
3		737.725	-70.096	-98.029	-16.096	-54.000	27.933	PK

Site: AC2	Time: 2019/05/24 - 22:39
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 10mW	



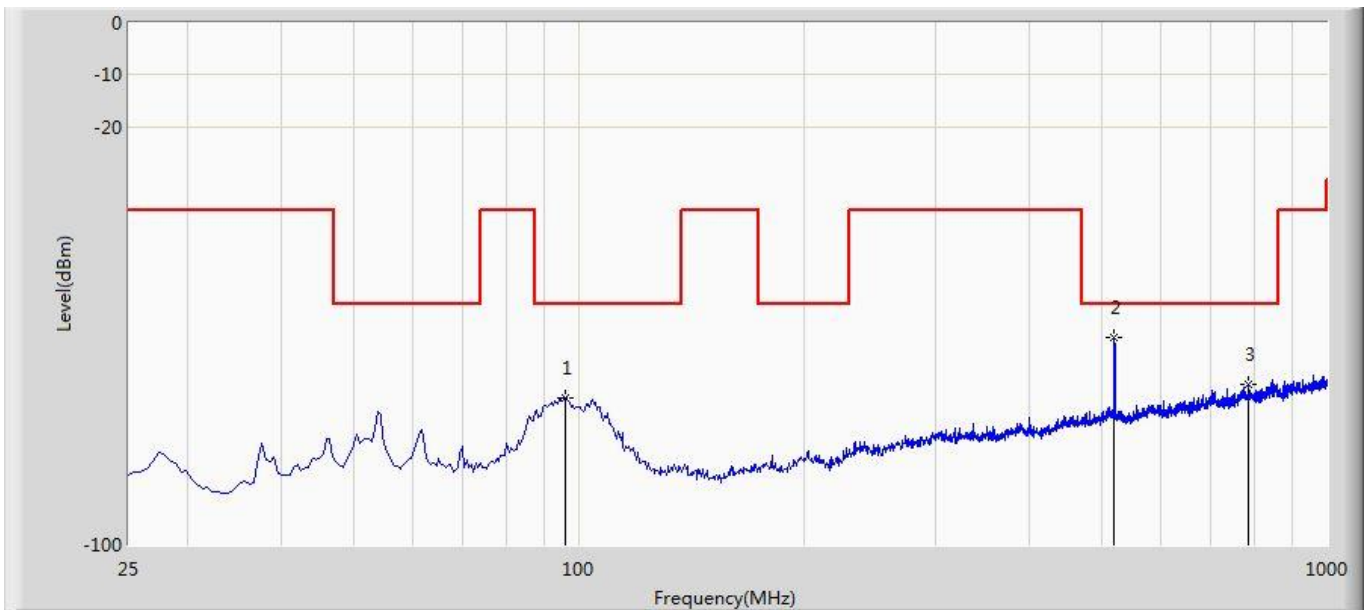
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		94.713	-70.722	-92.261	-16.722	-54.000	21.539	PK
2	*	510.062	-60.663	-87.598	N/A	N/A	26.935	PK
3		771.362	-69.391	-99.402	-15.391	-54.000	30.011	PK

Site: AC2	Time: 2019/05/24 - 22:47
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 10mW	



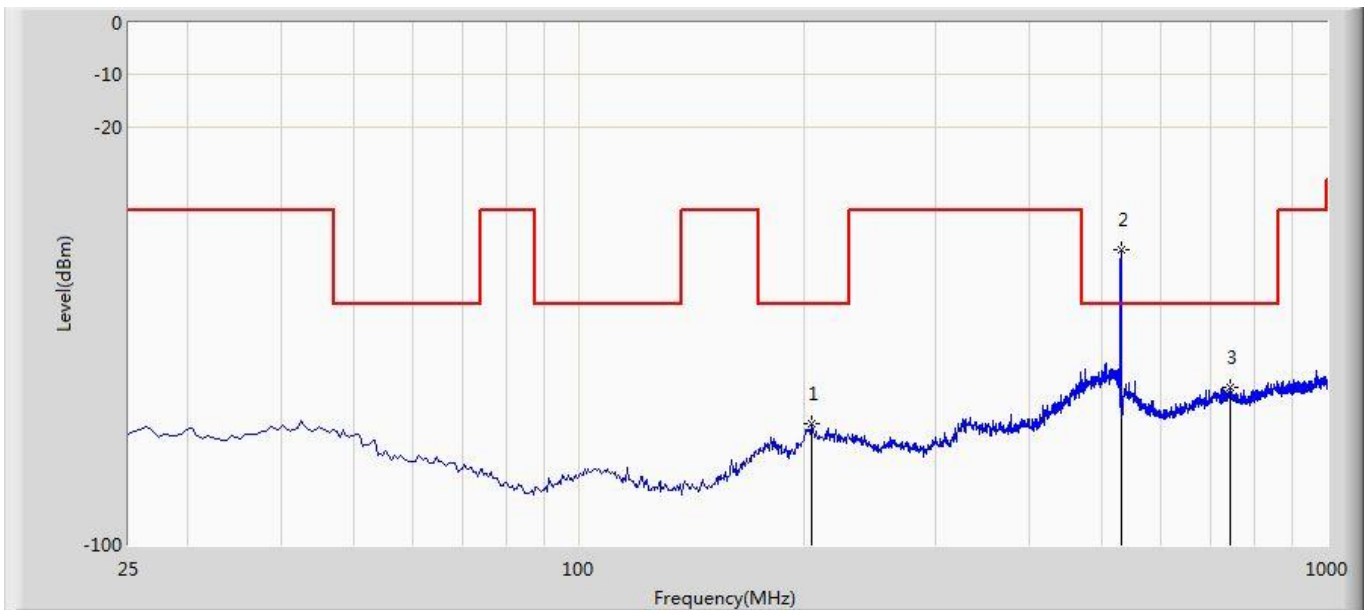
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		210.250	-77.345	-94.899	-23.345	-54.000	17.554	PK
2	*	519.812	-42.642	-68.142	N/A	N/A	25.500	PK
3		722.612	-70.324	-97.904	-16.324	-54.000	27.580	PK

Site: AC2	Time: 2019/05/24 - 22:49
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 10mW	



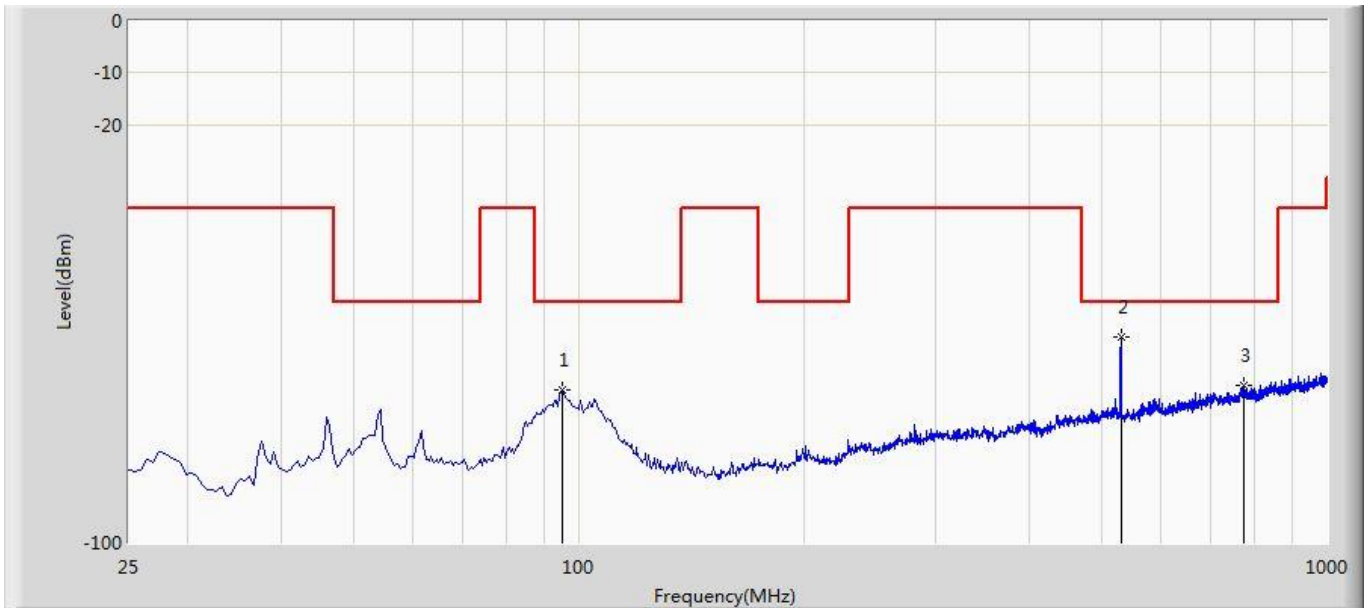
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.687	-71.888	-105.748	-17.888	-54.000	33.860	PK
2	*	519.812	-60.277	-89.765	N/A	N/A	29.488	PK
3		785.500	-69.308	-102.615	-15.308	-54.000	33.307	PK

Site: AC2	Time: 2019/05/24 - 22:58
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 10mW	



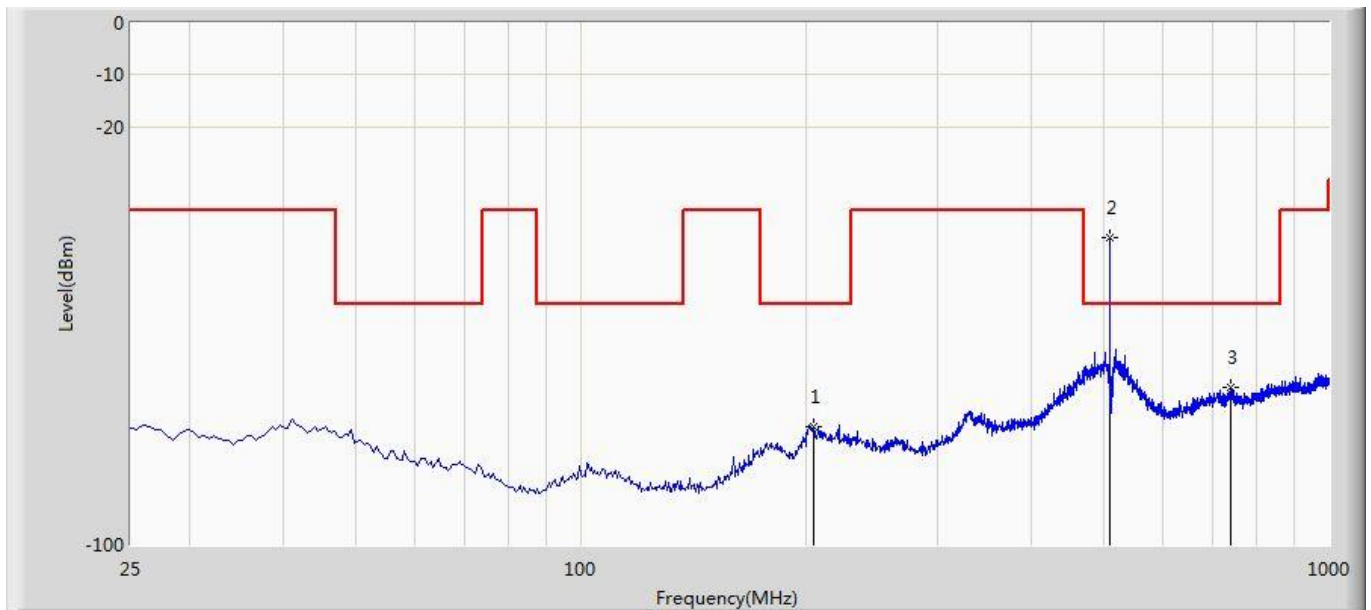
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		204.400	-76.789	-94.828	-22.789	-54.000	18.039	PK
2	*	530.050	-43.498	-68.990	N/A	N/A	25.492	PK
3		744.062	-69.719	-98.231	-15.719	-54.000	28.512	PK

Site: AC2	Time: 2019/05/24 - 23:00
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 10mW	



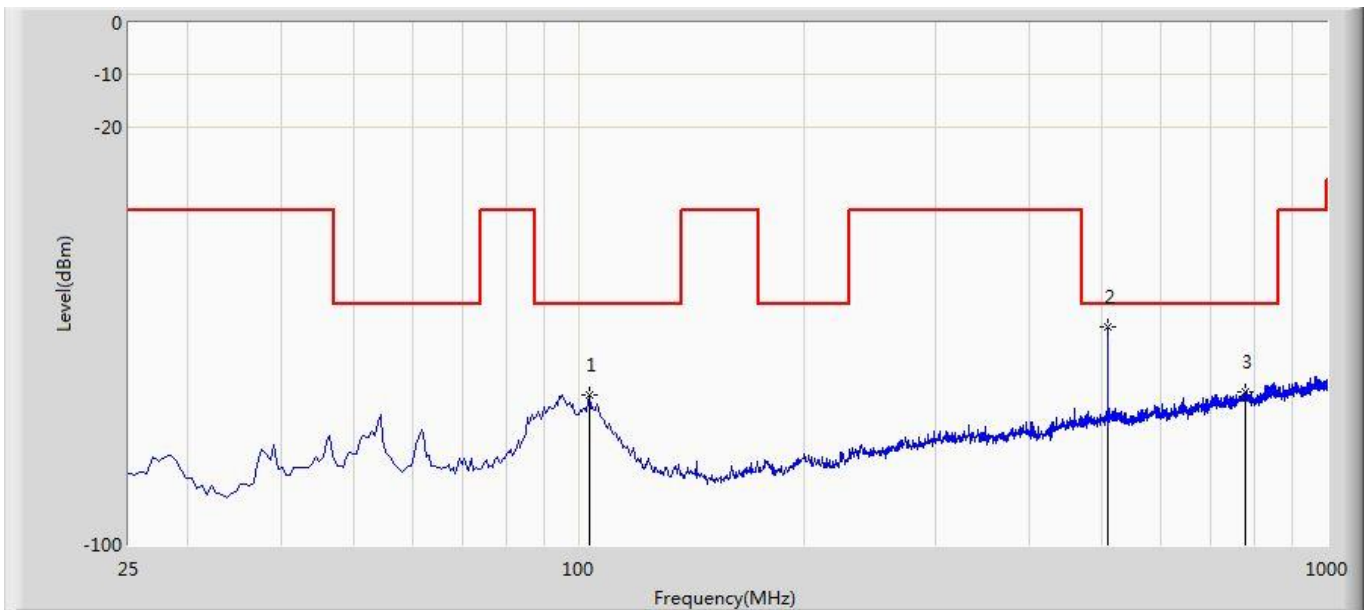
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-70.741	-92.335	-16.741	-54.000	21.594	PK
2	*	530.050	-60.714	-87.804	N/A	N/A	27.090	PK
3		773.312	-69.790	-99.813	-15.790	-54.000	30.023	PK

Site: AC2	Time: 2019/05/24 - 22:40
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 20mW	



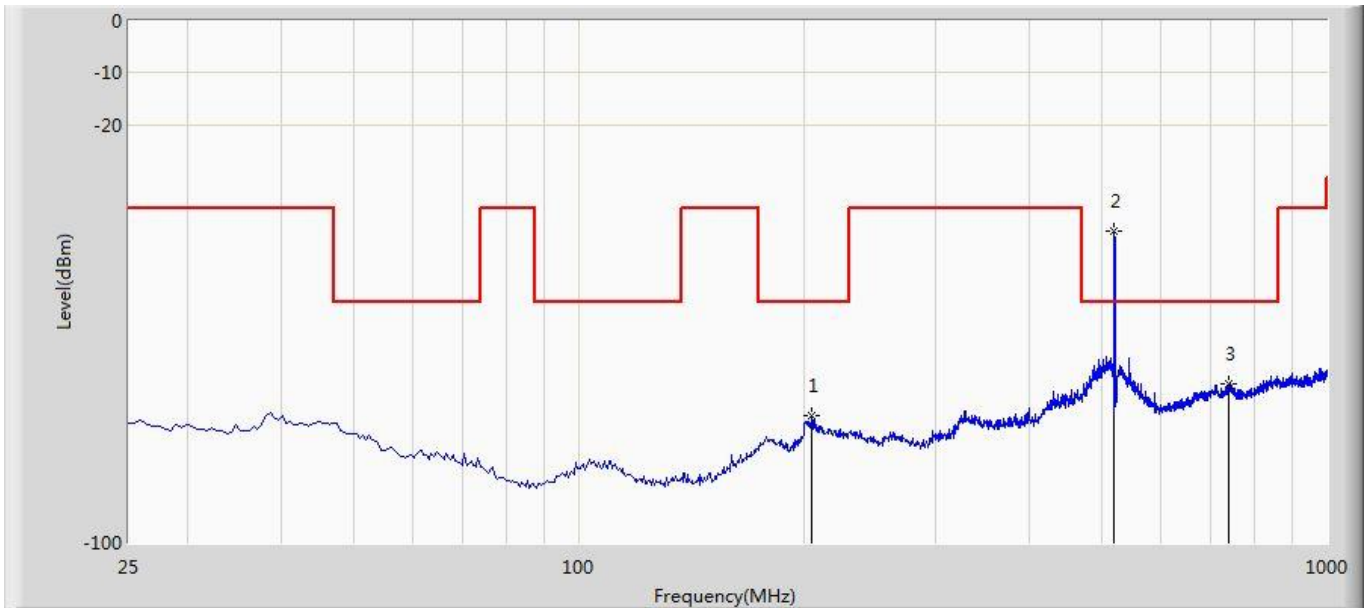
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		204.400	-77.251	-95.290	-23.251	-54.000	18.039	PK
2	*	510.062	-41.056	-66.493	N/A	N/A	25.437	PK
3		738.213	-69.943	-97.977	-15.943	-54.000	28.034	PK

Site: AC2	Time: 2019/05/24 - 22:42
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 20mW	



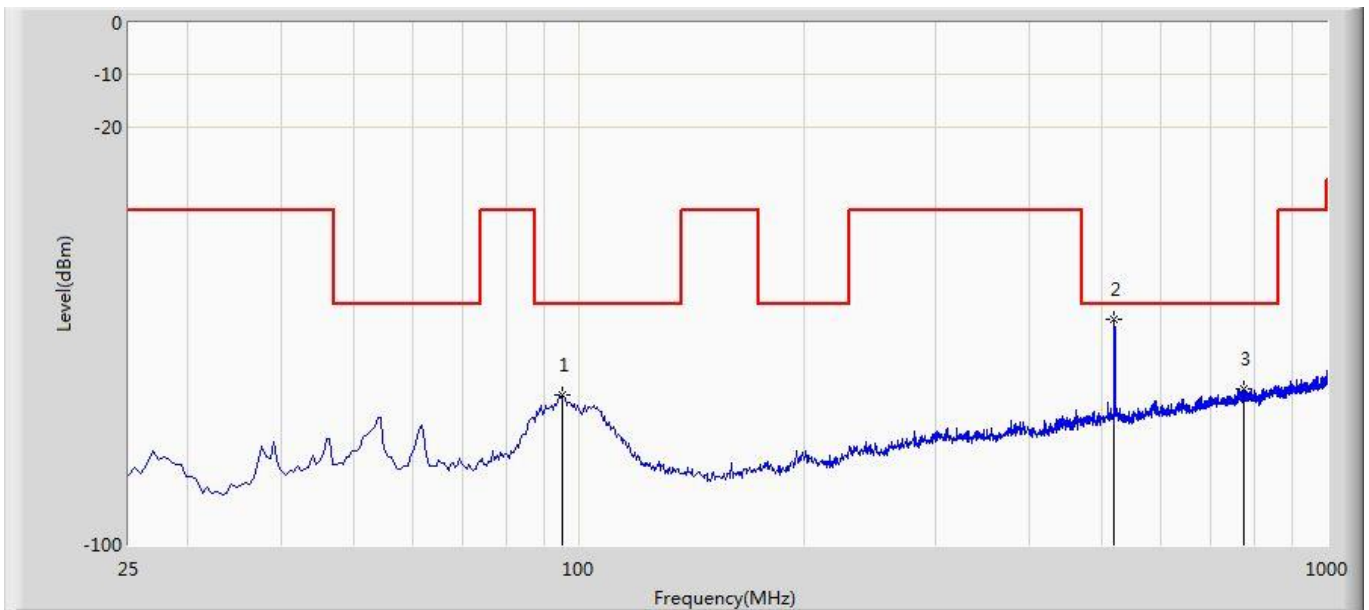
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		103.488	-71.252	-93.844	-17.252	-54.000	22.592	PK
2	*	510.062	-58.257	-85.192	N/A	N/A	26.935	PK
3		776.237	-70.627	-100.669	-16.627	-54.000	30.042	PK

Site: AC2	Time: 2019/05/24 - 22:50
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 20mW	



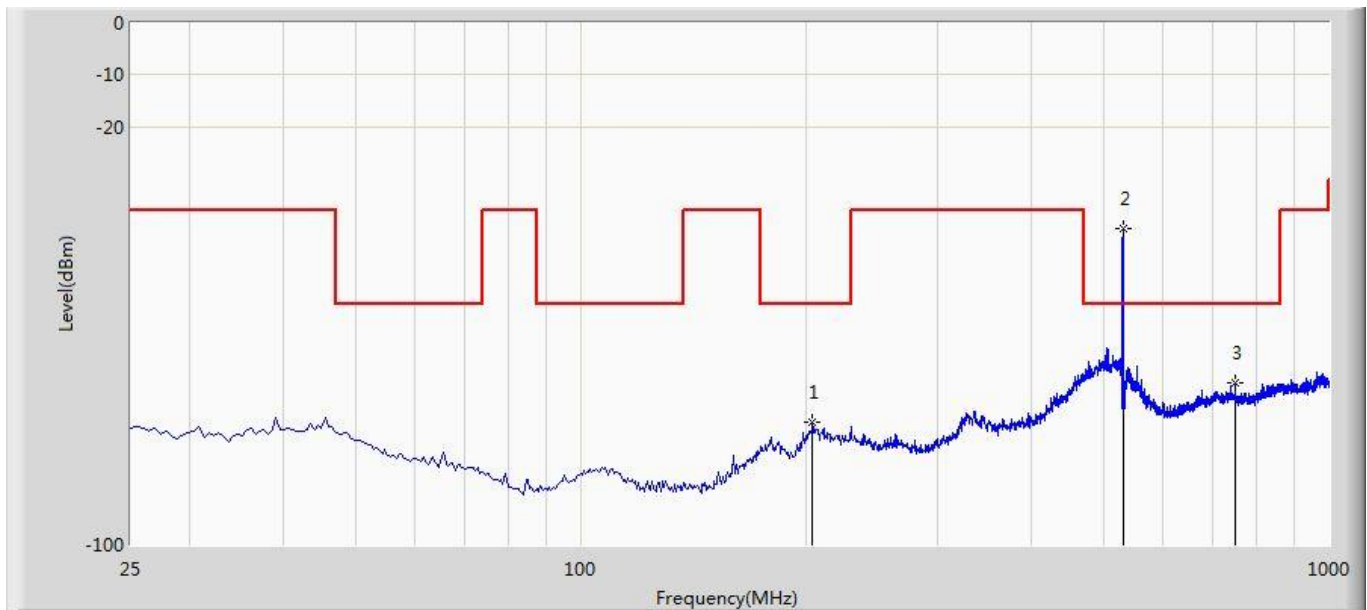
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		204.887	-75.765	-93.761	-21.765	-54.000	17.996	PK
2	*	519.812	-40.251	-65.751	N/A	N/A	25.500	PK
3		739.187	-69.610	-97.845	-15.610	-54.000	28.235	PK

Site: AC2	Time: 2019/05/24 - 22:54
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 20mW	



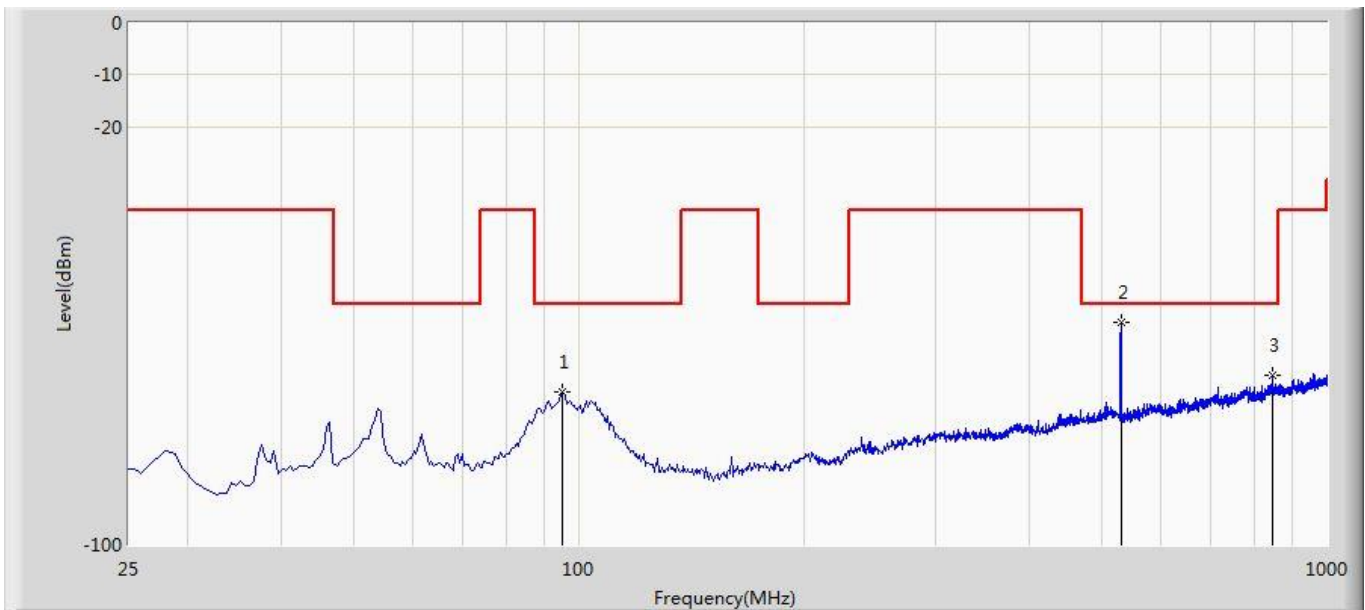
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-71.365	-92.959	-17.365	-54.000	21.594	PK
2	*	519.812	-56.809	-83.966	N/A	N/A	27.157	PK
3		774.287	-70.184	-100.213	-16.184	-54.000	30.029	PK

Site: AC2	Time: 2019/05/24 - 23:02
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 20mW	



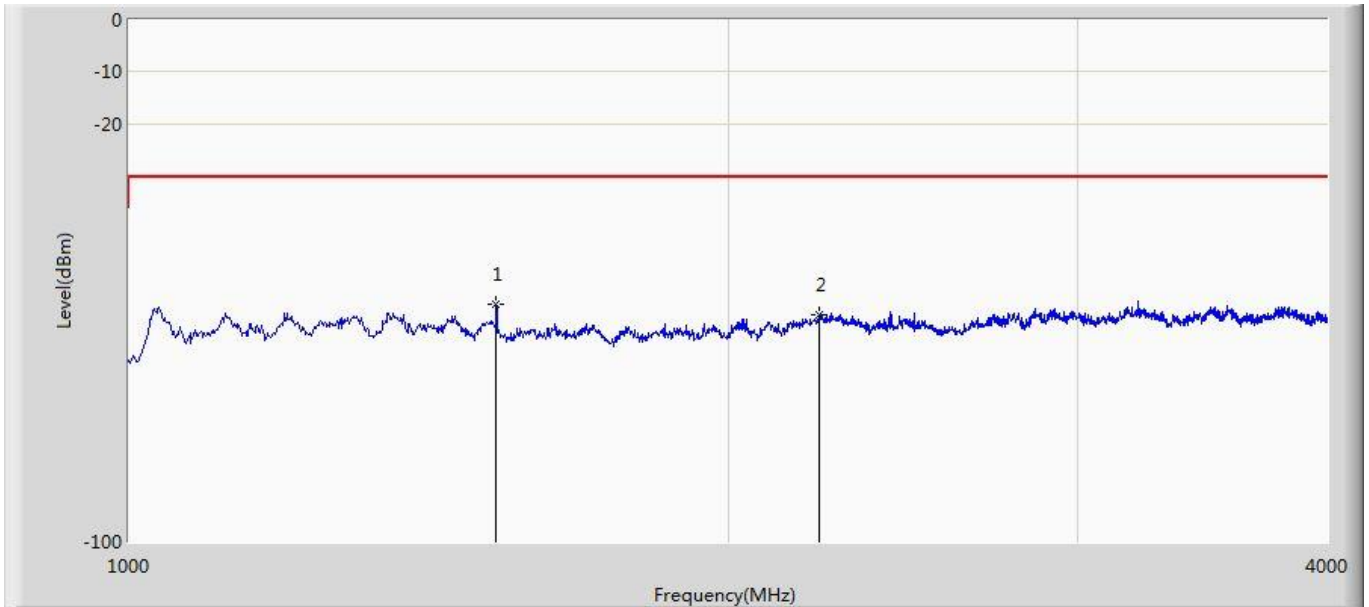
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		203.913	-76.493	-94.575	-22.493	-54.000	18.082	PK
2	*	530.050	-39.481	-64.973	N/A	N/A	25.492	PK
3		750.400	-69.076	-97.761	-15.076	-54.000	28.685	PK

Site: AC2	Time: 2019/05/24 - 23:04
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 25-1000MHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 20mW	



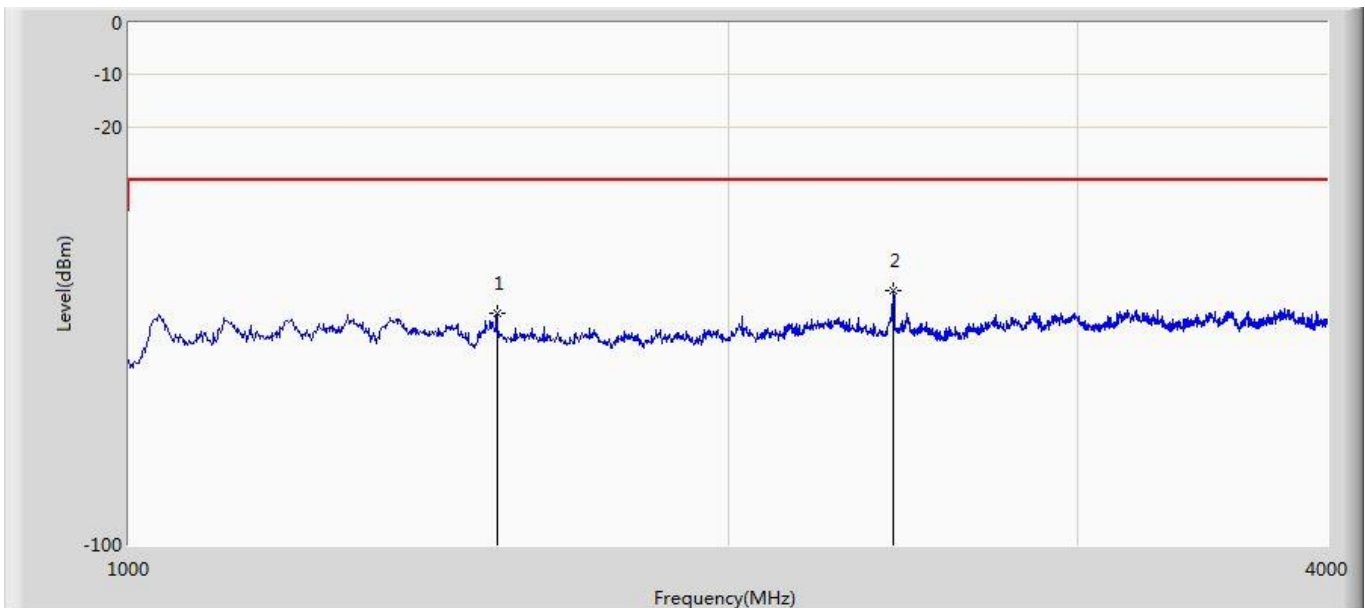
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		95.200	-70.698	-92.292	-16.698	-54.000	21.594	PK
2	*	530.050	-57.412	-84.502	N/A	N/A	27.090	PK
3		844.487	-67.456	-98.821	-13.456	-54.000	31.365	PK

Site: AC2	Time: 2019/05/23 - 17:39
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 1mW	



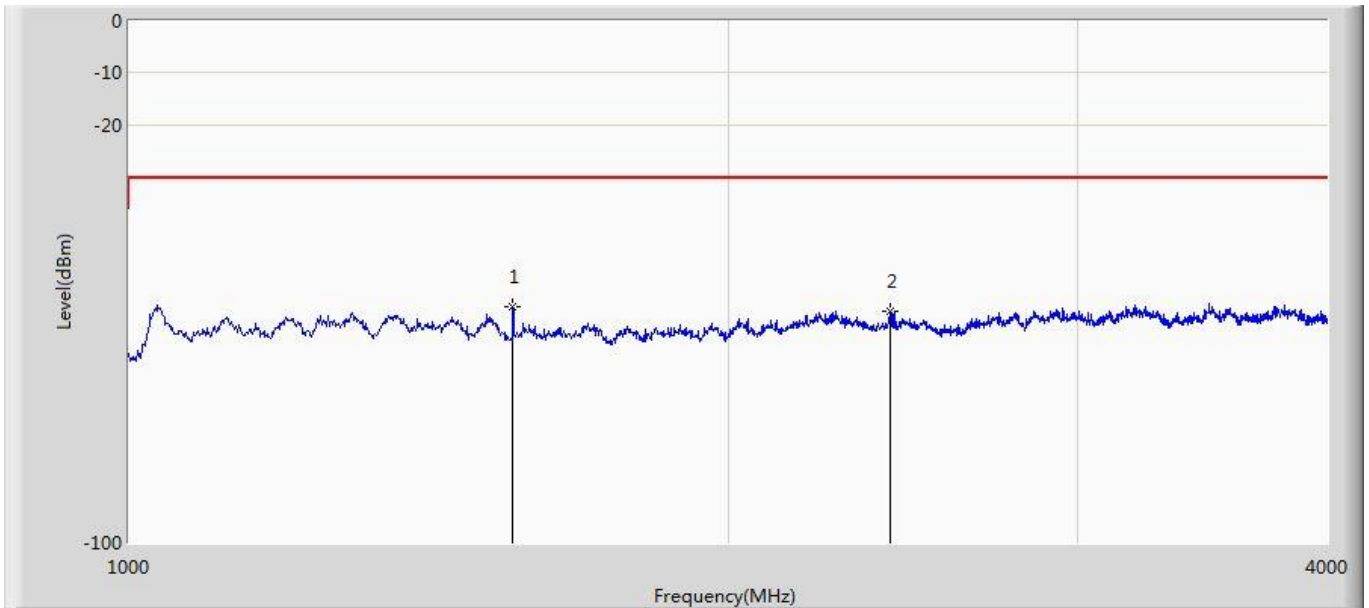
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1529.500	-54.577	-58.445	-24.577	-30.000	3.868	PK
2		2224.000	-56.443	-62.609	-26.443	-30.000	6.166	PK

Site: AC2	Time: 2019/05/23 - 17:40
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 1mW	



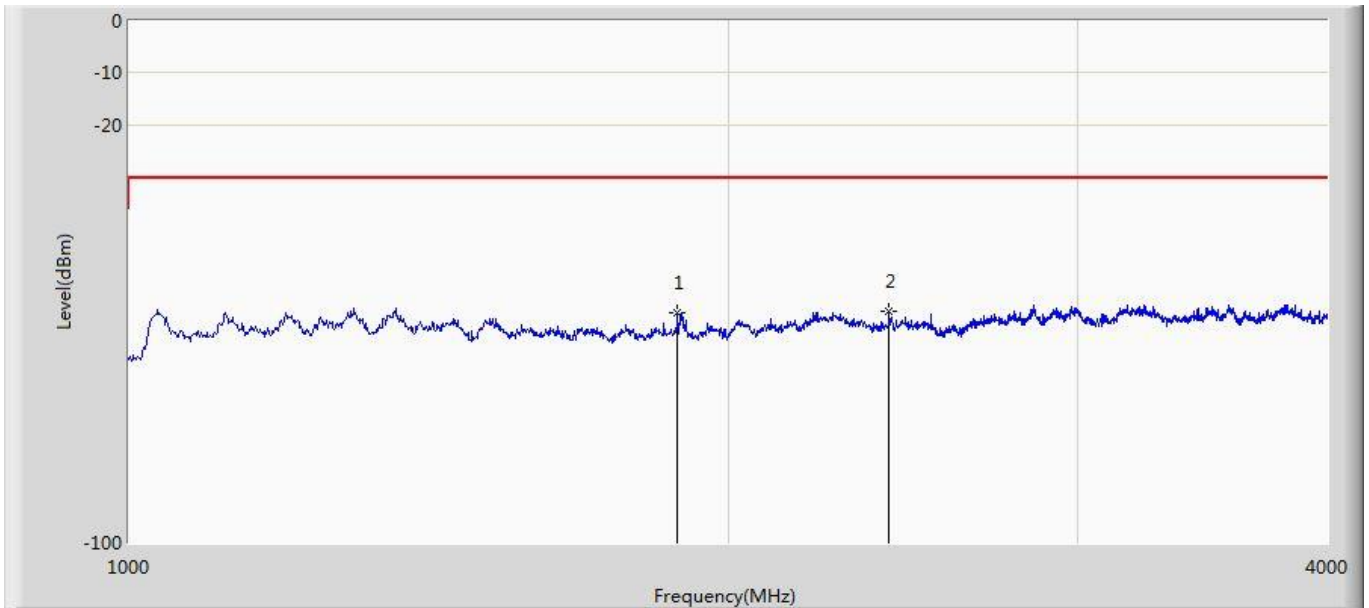
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1531.000	-55.700	-59.908	-25.700	-30.000	4.208	PK
2	*	2423.500	-51.351	-58.943	-21.351	-30.000	7.592	PK

Site: AC2	Time: 2019/05/23 - 17:52
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 1mW	



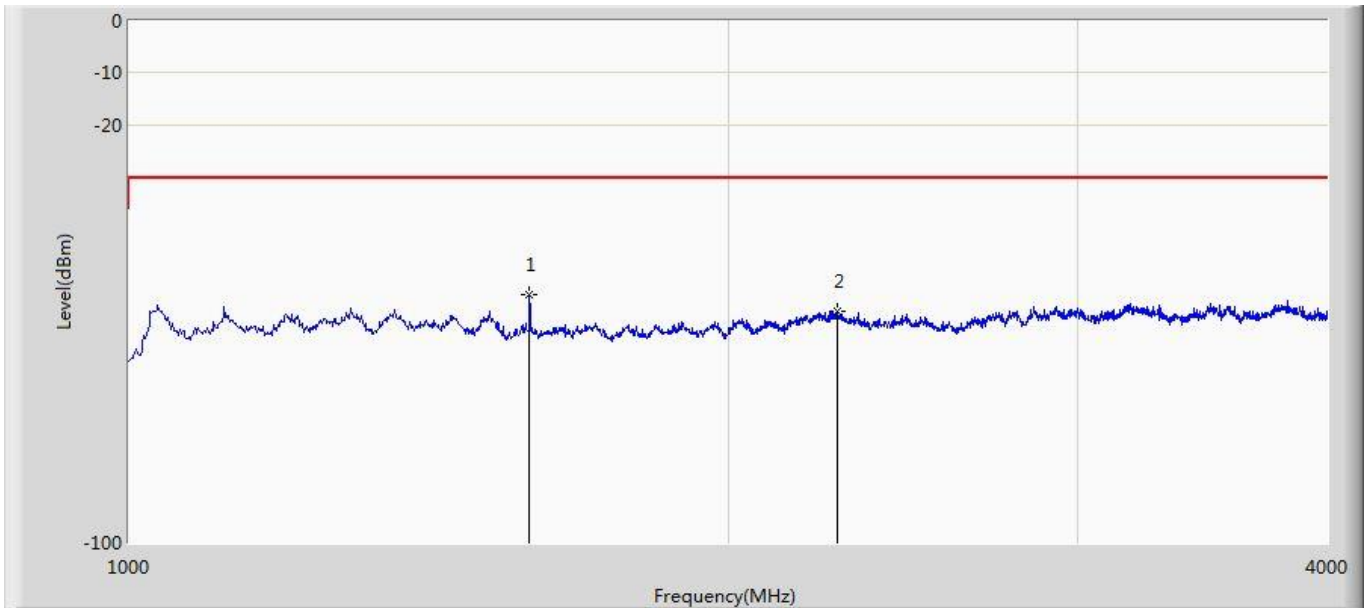
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1559.500	-54.728	-58.894	-24.728	-30.000	4.166	PK
2		2414.500	-55.717	-62.212	-25.717	-30.000	6.495	PK

Site: AC2	Time: 2019/05/23 - 17:55
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 1mW	



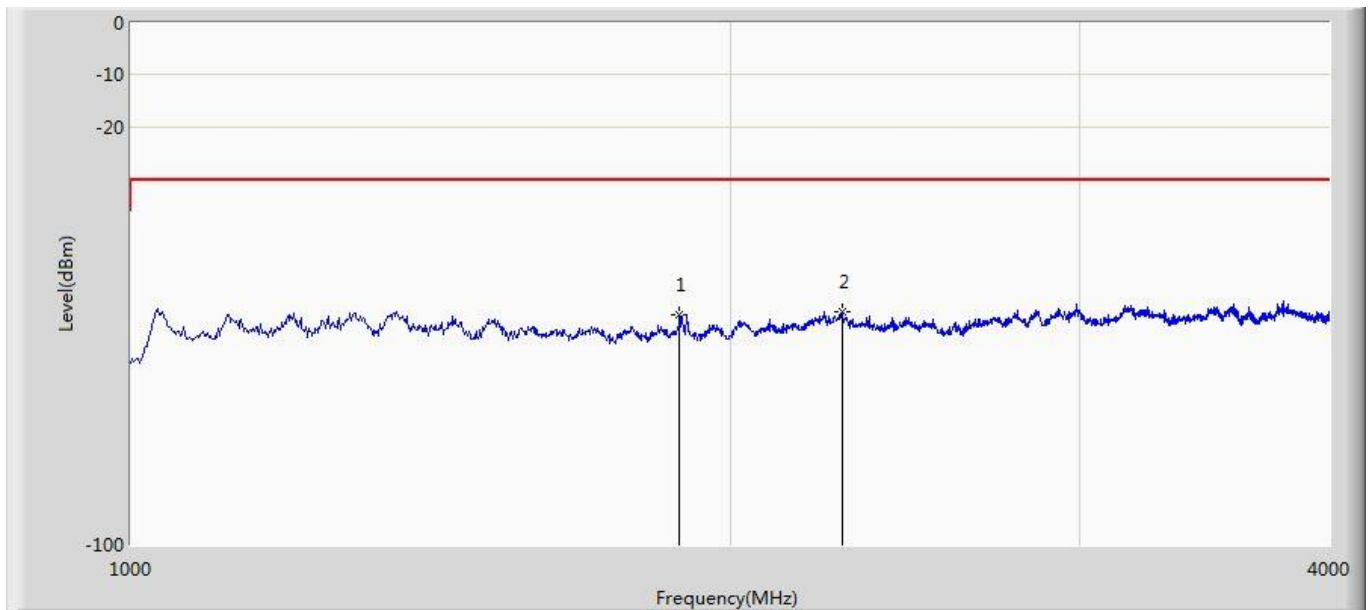
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1886.500	-55.878	-61.427	-25.878	-30.000	5.549	PK
2	*	2410.000	-55.722	-63.548	-25.722	-30.000	7.826	PK

Site: AC2	Time: 2019/05/24 - 09:37
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 1mW	



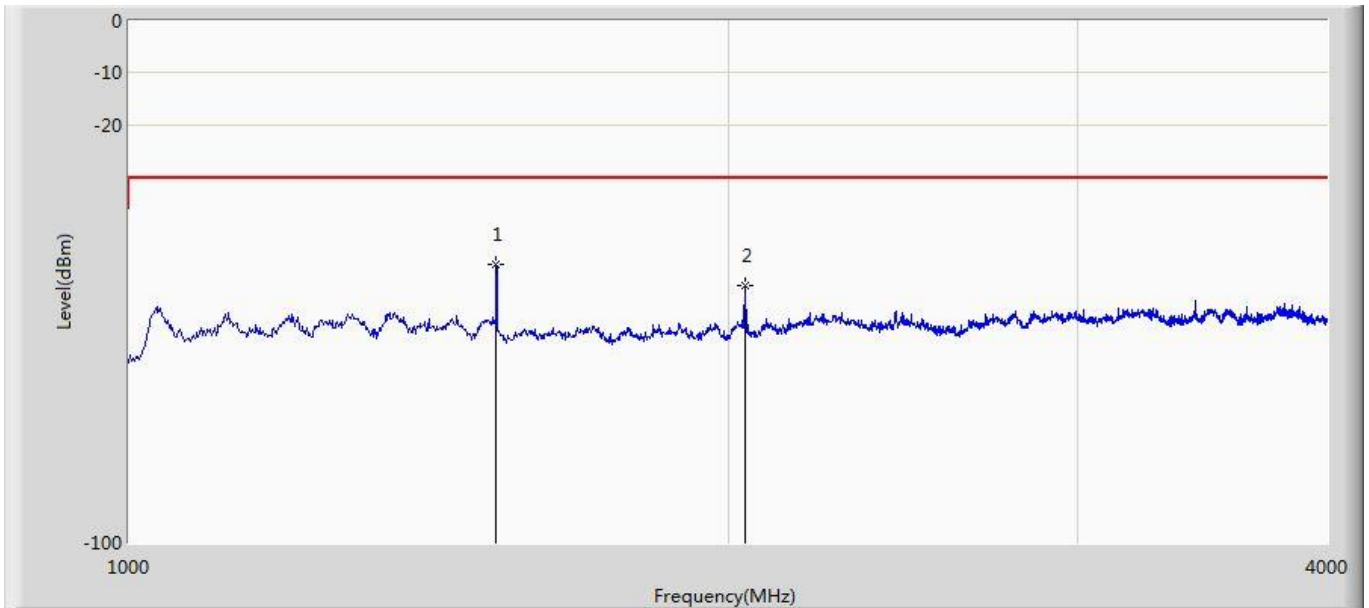
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1589.500	-52.597	-56.577	-22.597	-30.000	3.980	PK
2		2272.000	-55.741	-61.974	-25.741	-30.000	6.233	PK

Site: AC2	Time: 2019/05/24 - 09:45
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 1mW	



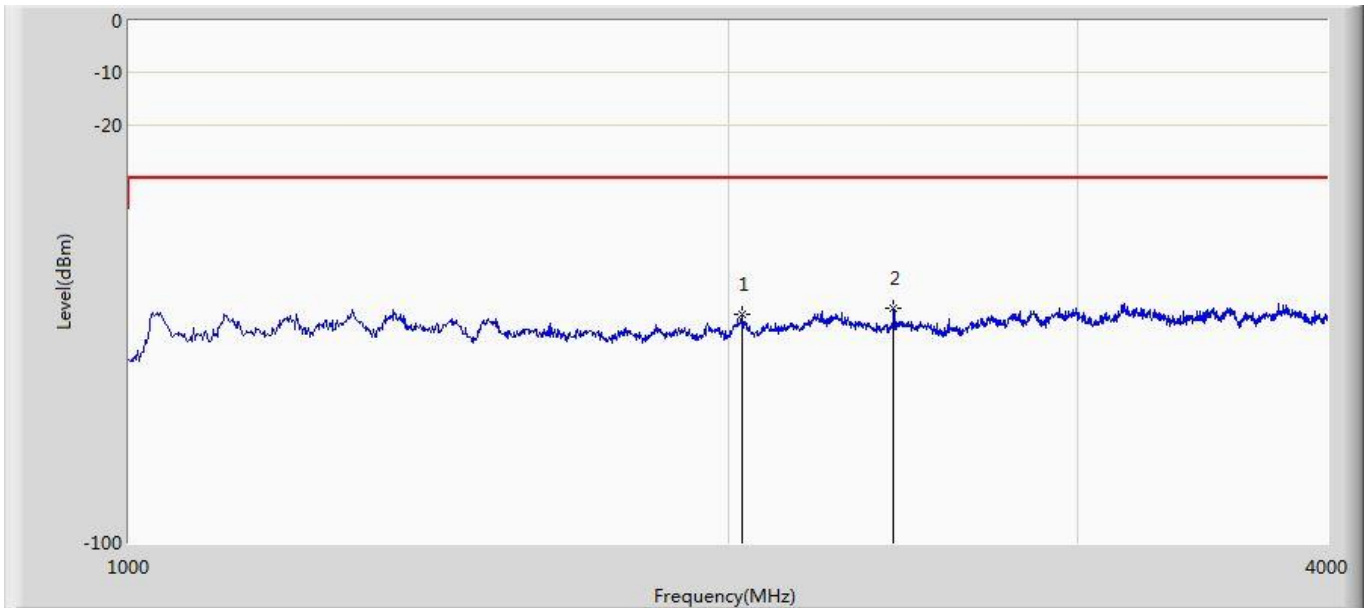
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1886.500	-56.054	-61.603	-26.054	-30.000	5.549	PK
2	*	2276.500	-55.443	-63.565	-25.443	-30.000	8.122	PK

Site: AC2	Time: 2019/05/23 - 17:42
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 10mW	



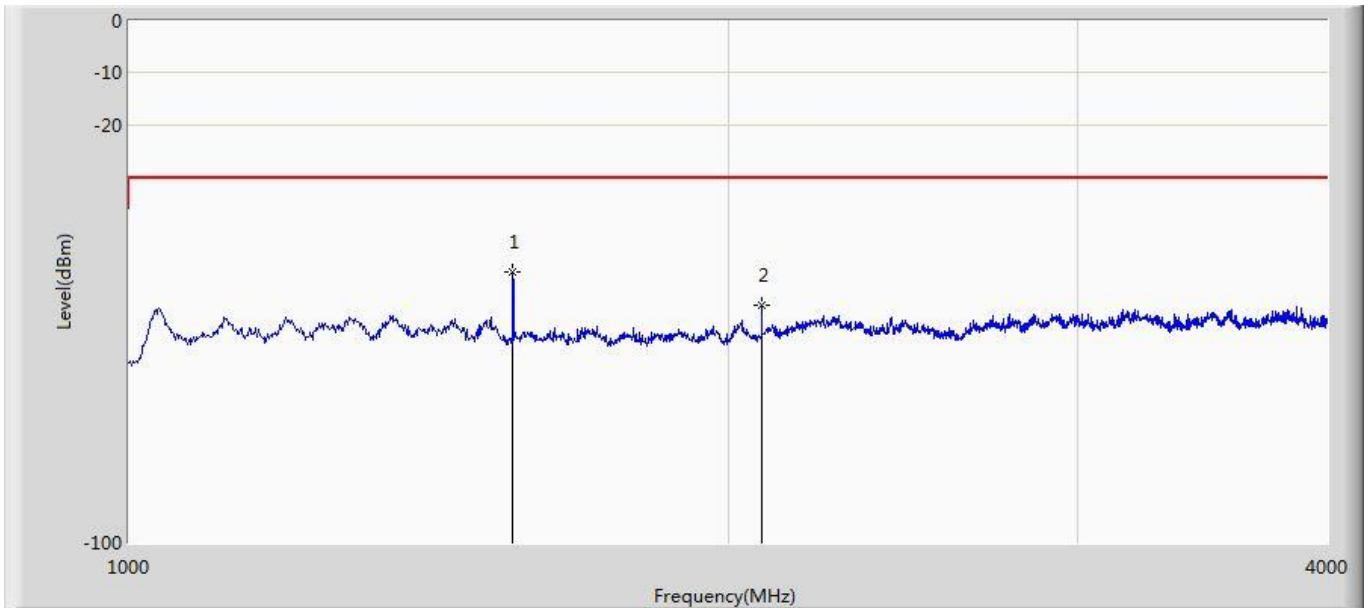
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1529.500	-46.762	-50.630	-16.762	-30.000	3.868	PK
2		2041.000	-50.745	-56.495	-20.745	-30.000	5.750	PK

Site: AC2	Time: 2019/05/23 - 17:45
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 10mW	



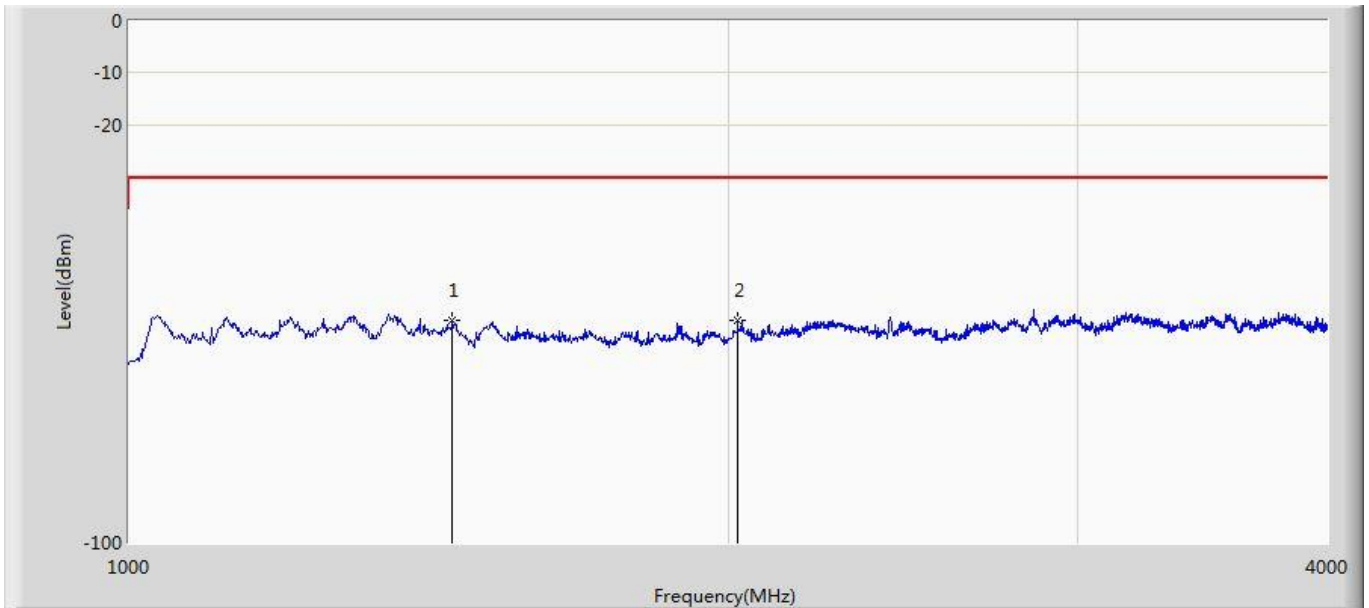
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		2032.000	-56.352	-62.568	-26.352	-30.000	6.216	PK
2	*	2423.500	-55.179	-62.771	-25.179	-30.000	7.592	PK

Site: AC2	Time: 2019/05/23 - 17:56
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 10mW	



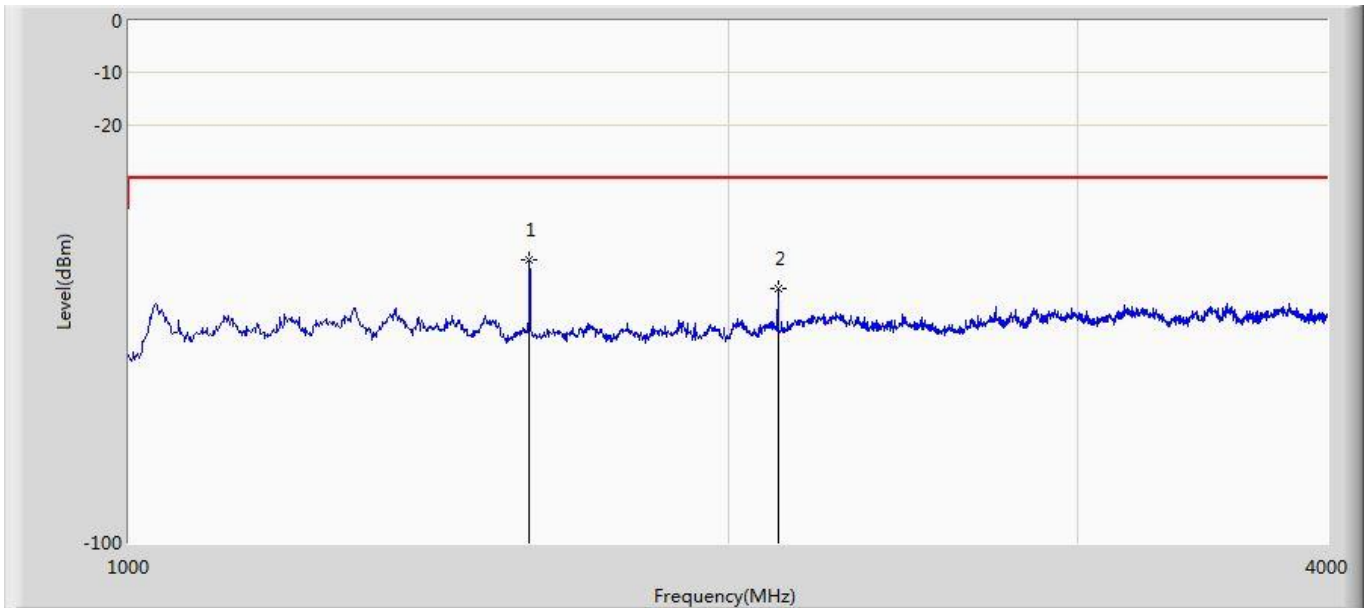
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1559.500	-48.167	-52.333	-18.167	-30.000	4.166	PK
2		2080.000	-54.438	-60.190	-24.438	-30.000	5.752	PK

Site: AC2	Time: 2019/05/23 - 17:59
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 10mW	



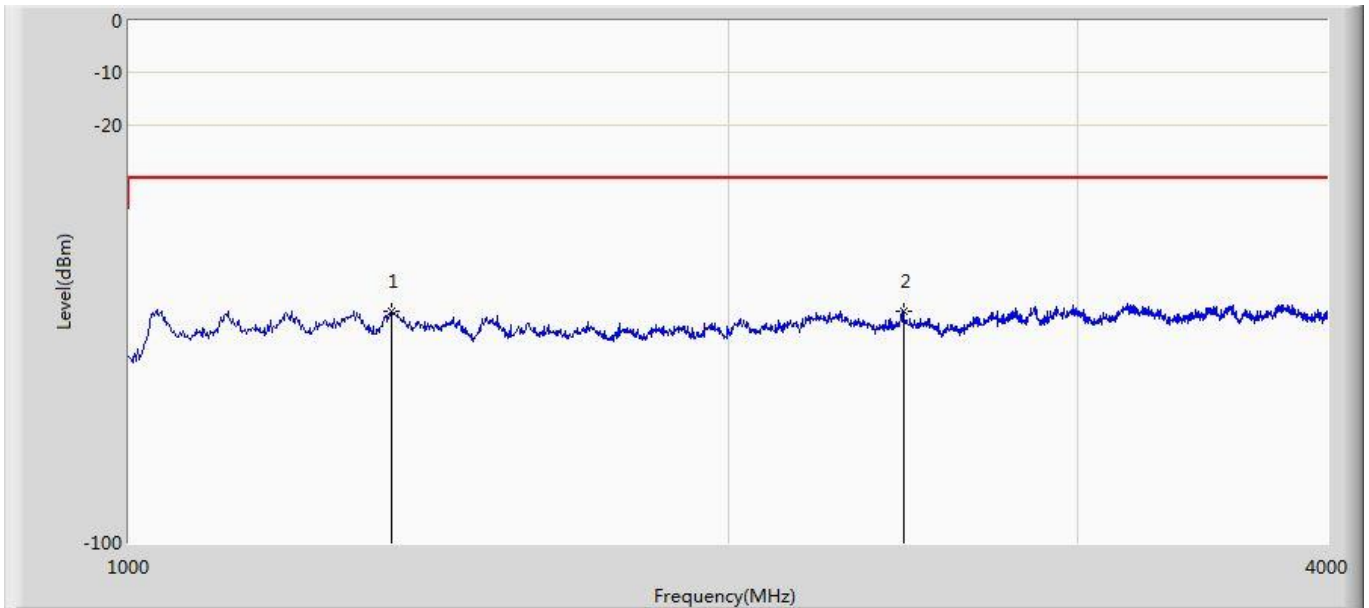
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1454.500	-57.478	-63.004	-27.478	-30.000	5.526	PK
2	*	2023.000	-57.262	-63.496	-27.262	-30.000	6.234	PK

Site: AC2	Time: 2019/05/24 - 09:48
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 10mW	



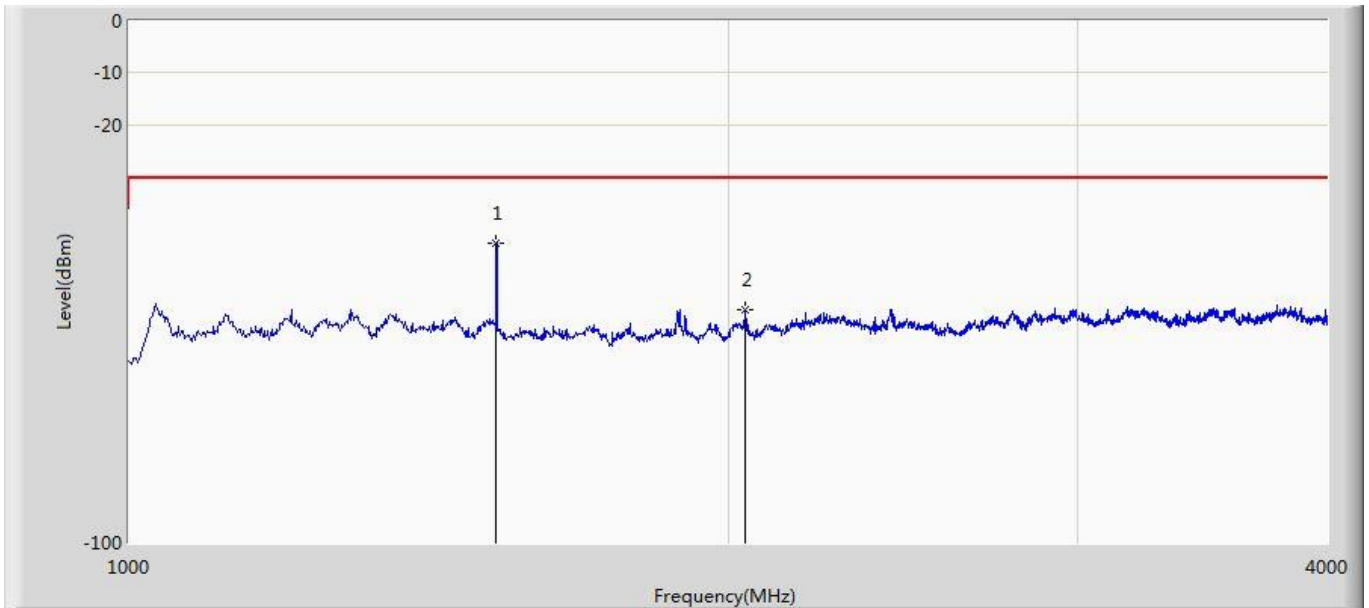
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1589.500	-45.810	-49.790	-15.810	-30.000	3.980	PK
2		2119.000	-51.300	-57.391	-21.300	-30.000	6.091	PK

Site: AC2	Time: 2019/05/24 - 09:50
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 10mW	



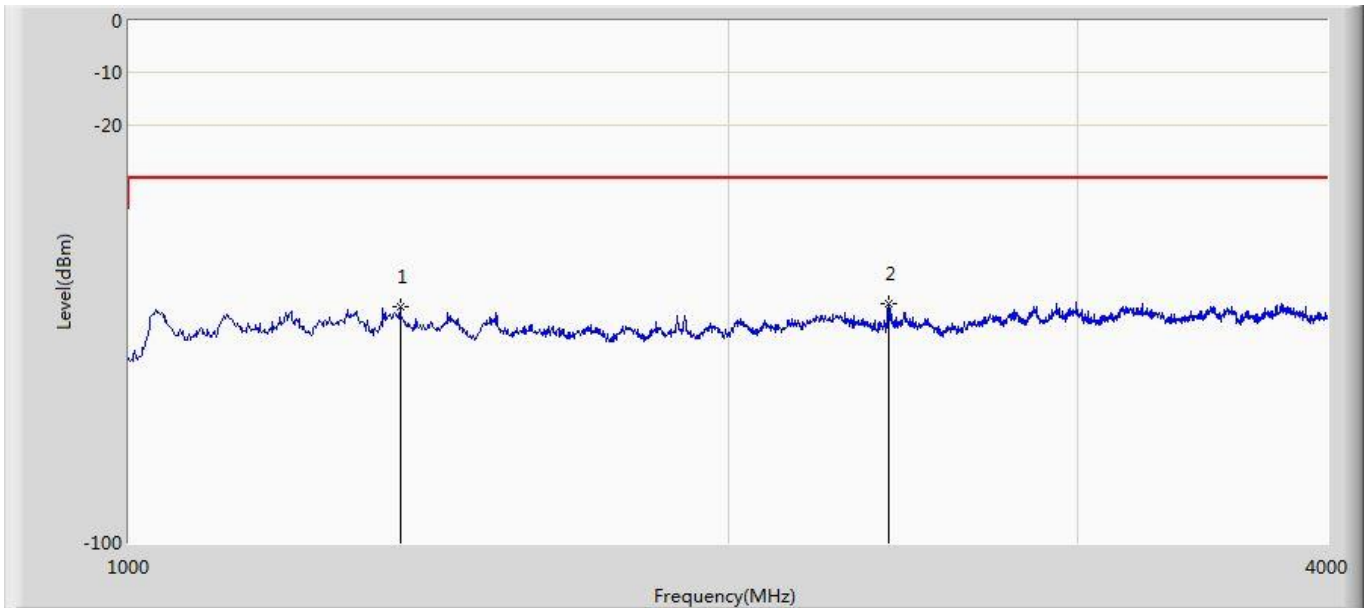
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1355.500	-55.565	-60.358	-25.565	-30.000	4.793	PK
2	*	2450.500	-55.551	-62.762	-25.551	-30.000	7.211	PK

Site: AC2	Time: 2019/05/23 - 17:48
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 20mW	



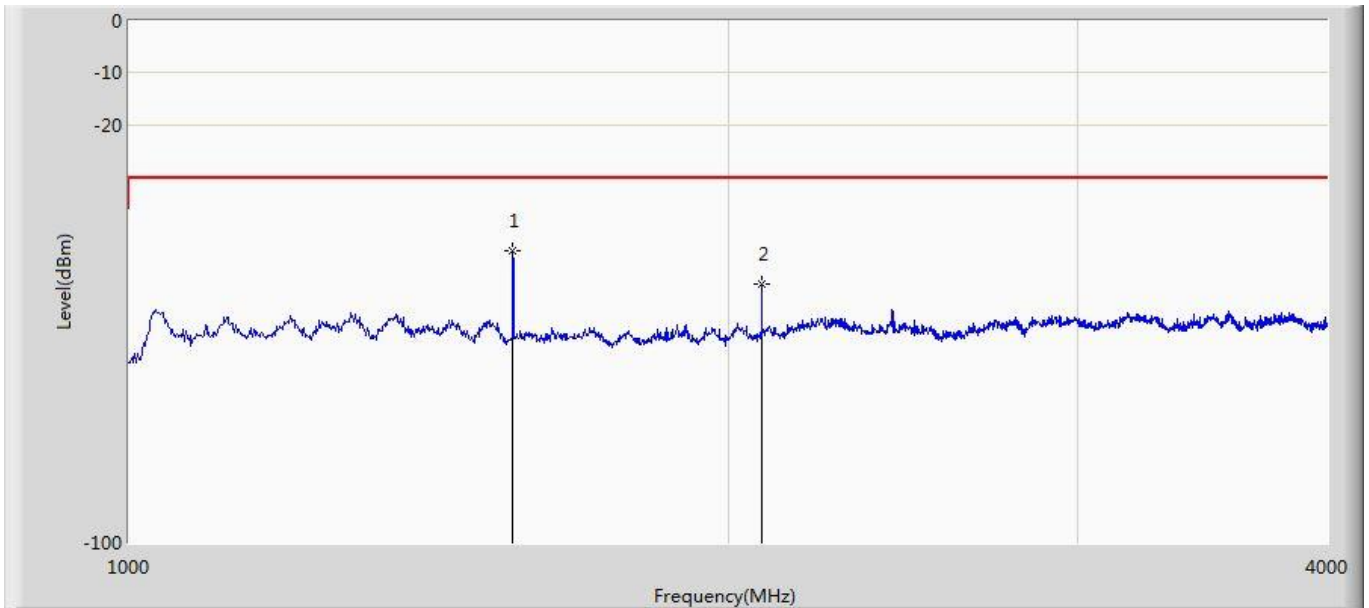
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1529.500	-42.476	-46.344	-12.476	-30.000	3.868	PK
2		2041.000	-55.342	-61.092	-25.342	-30.000	5.750	PK

Site: AC2	Time: 2019/05/23 - 17:50
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 510.1MHz 20mW	



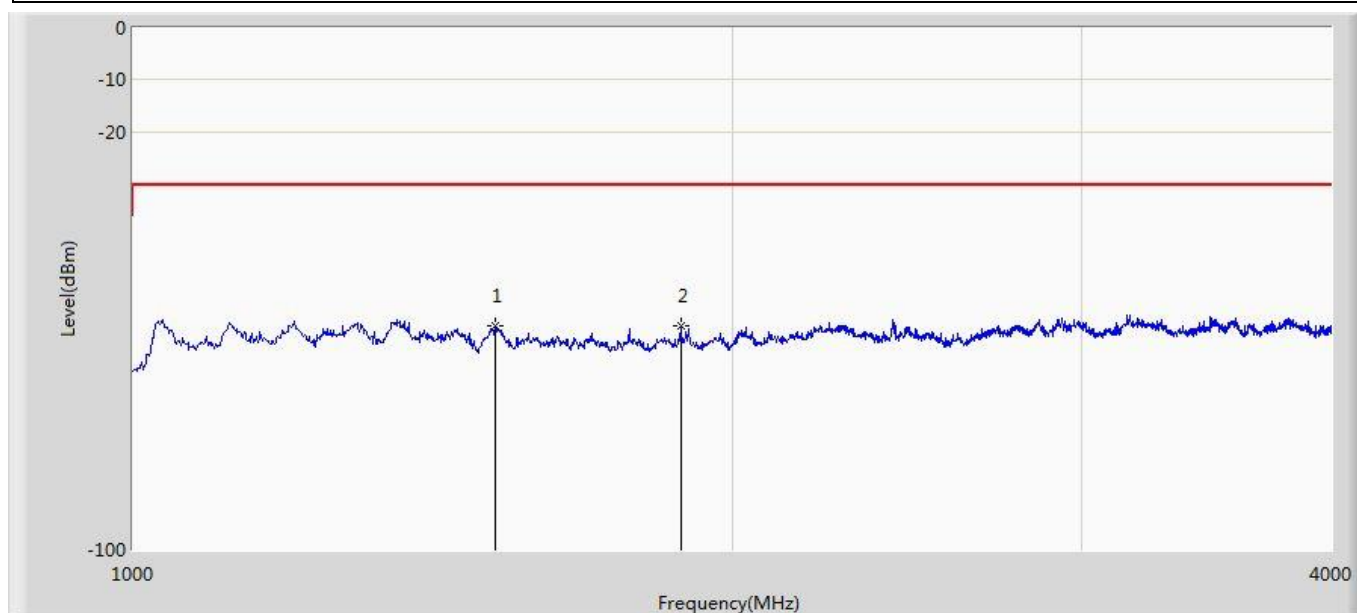
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1369.000	-54.643	-59.095	-24.643	-30.000	4.452	PK
2	*	2408.500	-54.310	-62.153	-24.310	-30.000	7.843	PK

Site: AC2	Time: 2019/05/23 - 18:03
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 20mW	



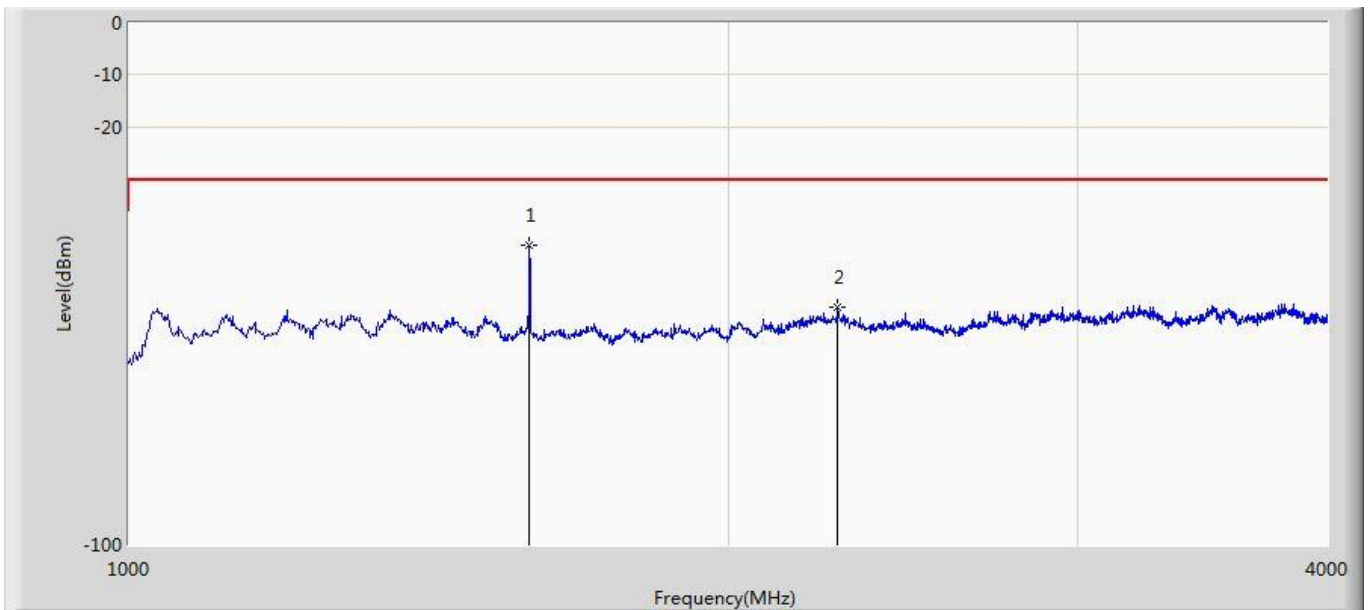
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1559.500	-43.993	-48.159	-13.993	-30.000	4.166	PK
2		2080.000	-50.332	-56.084	-20.332	-30.000	5.752	PK

Site: AC2	Time: 2019/05/23 - 18:03
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 520MHz 20mW	



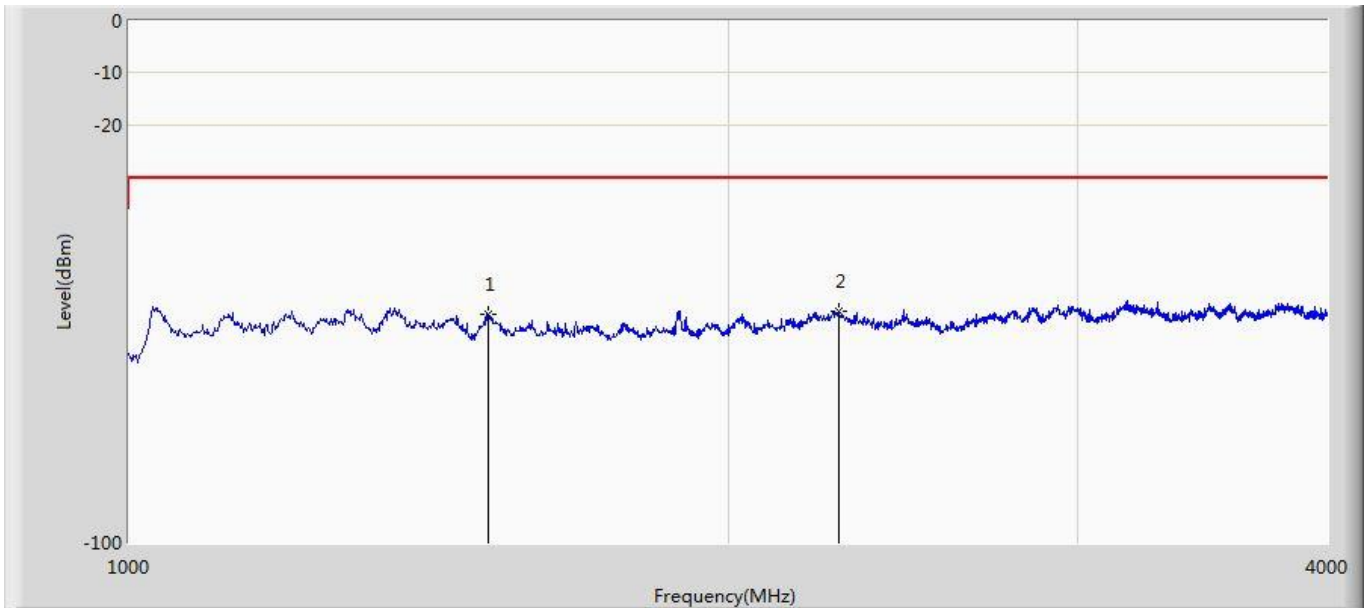
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1520.500	-56.973	-60.914	-26.973	-30.000	3.941	PK
2		1885.000	-57.040	-62.579	-27.040	-30.000	5.539	PK

Site: AC2	Time: 2019/05/24 - 09:50
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Horizontal
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 20mW	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	1589.500	-42.547	-46.527	-12.547	-30.000	3.980	PK
2		2270.500	-54.483	-60.716	-24.483	-30.000	6.233	PK

Site: AC2	Time: 2019/05/24 - 09:54
Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)	Engineer: Larry Yan
Probe: TW RF Substitution 1-18GHz	Polarity: Vertical
EUT: ULXD2	Power: By Battery
Test Mode: Transmit by G62 Band at Channel 529.9MHz 20mW	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1516.000	-56.326	-60.152	-26.326	-30.000	3.826	PK
2	*	2273.500	-55.704	-63.792	-25.704	-30.000	8.088	PK

————— The End —————