

11.3. Duty Cycle 測試結果

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：Duty Cycle

測試頻道：--

測試模式：--

量測天線：--

測試距離：Conducted

檢測器：峰值

測試日期：109 年 10 月 05 日

Duty Cycle Formula:

Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

Radio 1_SISO

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0493	2.1797	94.02	0.27
802.11 ax20	1.4739	1.5174	97.13	0.13
802.11 ax40	0.7319	0.8044	90.99	0.41
802.11 ax80	0.3623	0.4319	83.89	0.76

Radio 2_SISO A

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0493	2.1797	94.02	0.27
802.11 ax20	1.4696	1.5275	96.21	0.17
802.11 ax40	0.7391	0.8044	91.89	0.37
802.11 ax80	0.3594	0.4290	83.78	0.77

Radio 2_CDD

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0493	2.1652	94.65	0.24
802.11 ac40	0.9116	0.9855	92.50	0.34
802.11 ac80	0.4261	0.4899	86.98	0.61
802.11 ax20	1.4812	1.5203	97.43	0.11
802.11 ax40	0.7275	0.8029	90.61	0.43
802.11 ax80	0.3652	0.4348	84.00	0.76

Radio 2_Beamforming

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 ax20	0.7710	0.8101	95.17	0.22
802.11 ax40	0.3855	0.4551	84.71	0.72
802.11 ax80	0.2000	0.2754	72.63	1.39

Radio 3_SISO A

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0493	2.1797	94.02	0.27
802.11 ax20	1.4739	1.5464	95.31	0.21
802.11 ax40	0.9015	0.9667	93.25	0.30
802.11 ax80	0.3652	0.4449	82.08	0.86
802.11 ax160	0.2232	0.2609	85.56	0.68

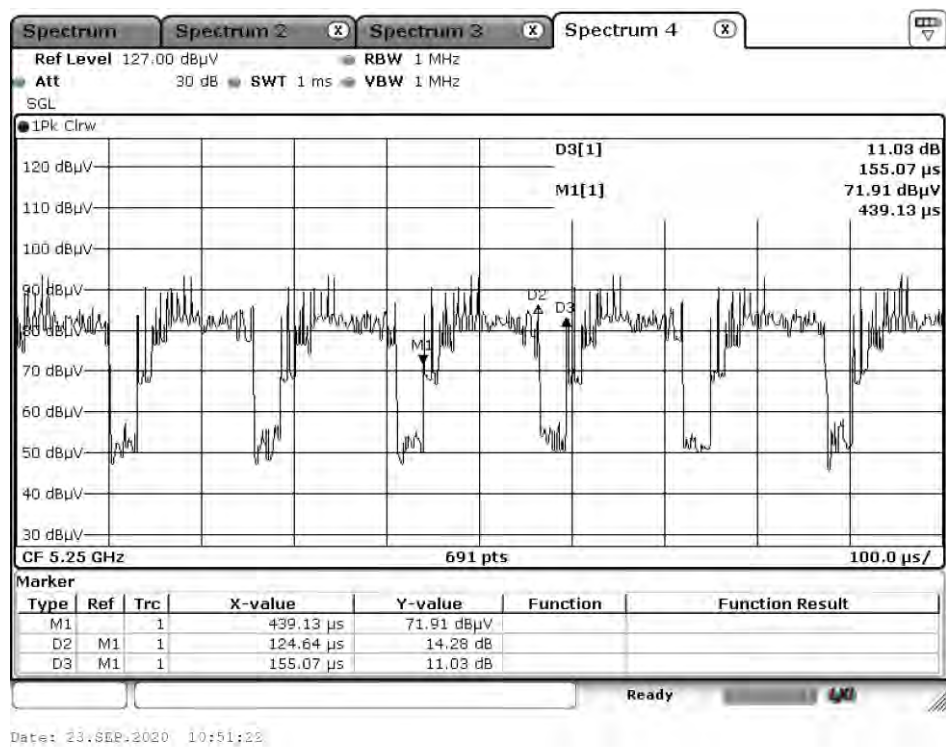
Radio 3_CDD

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0348	2.1797	93.35	0.30
802.11 ax20	1.4696	1.5130	97.13	0.13
802.11 ax40	0.7420	0.8073	91.92	0.37
802.11 ax80	0.3652	0.4522	80.77	0.93
802.11 ax160	0.2348	0.2638	89.01	0.51

Radio 3_Beamforming

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 ax20	0.4304	0.4812	89.46	0.48
802.11 ax40	0.2232	0.2957	75.49	1.22
802.11 ax80	0.1275	0.2029	62.86	2.02
802.11 ax160	0.1246	0.1551	80.38	0.95

802.11ax160 (Radio 3)



附件 1: 待測物測試擺設相片

測試相片：電源端點測試 正面相片



測試相片：電源端點測試 背面相片



測試相片：輻射測試 正面相片



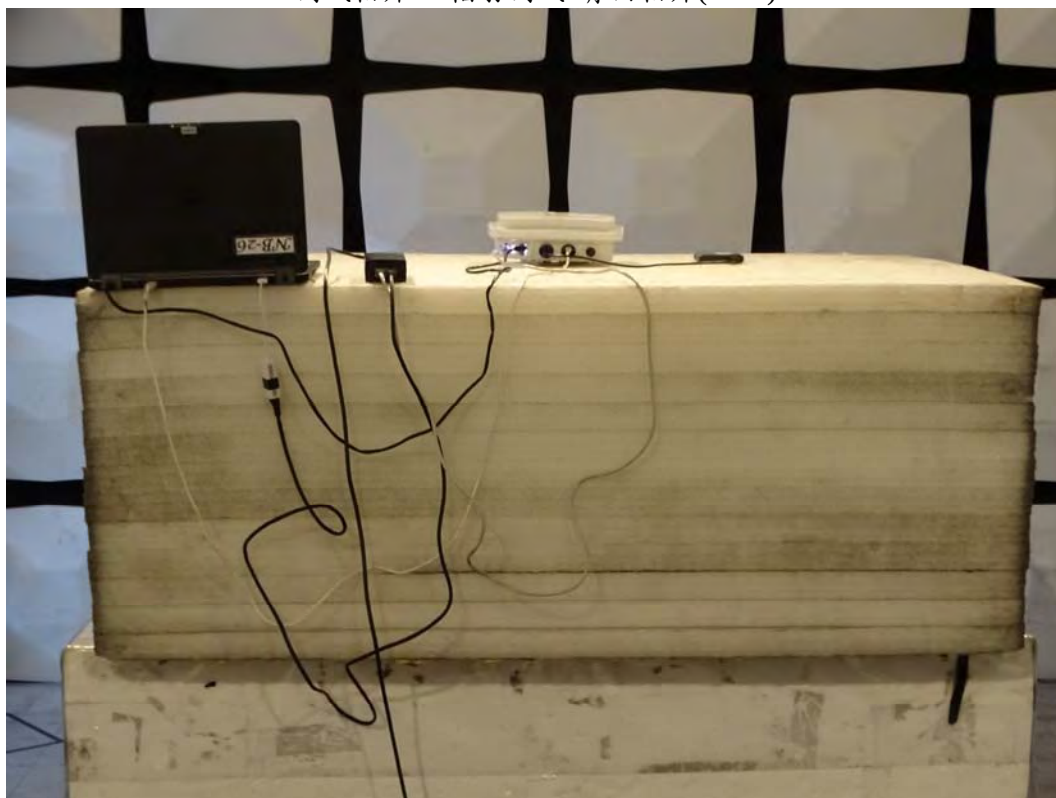
測試相片：輻射測試 背面相片



測試相片：輻射測試 正面相片(Horn)



測試相片：輻射測試 背面相片(Horn)



測試相片：輻射測試 正面相片(Horn)



測試相片：輻射測試 背面相片(Horn)

