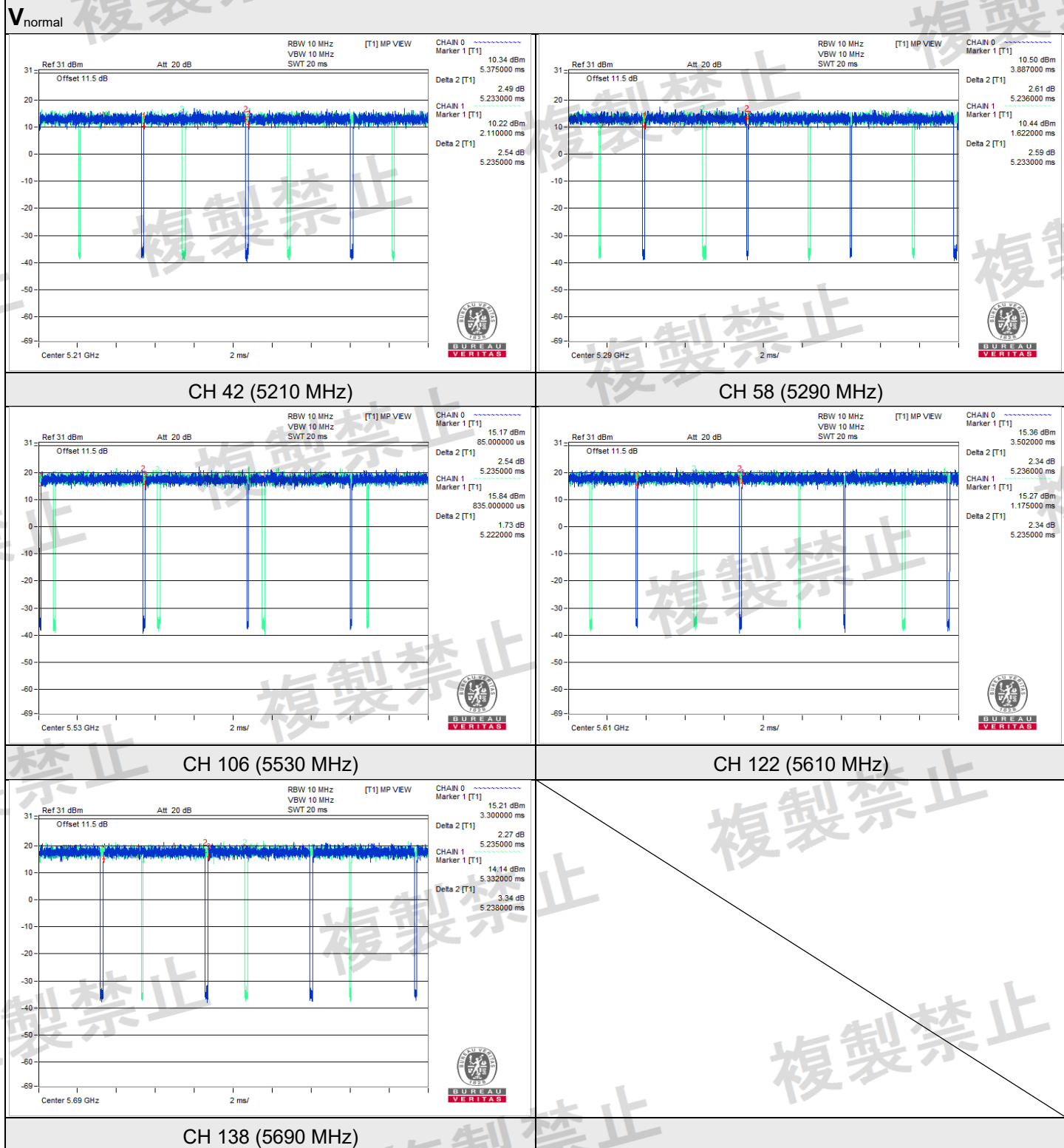


802.11ax (HE80) Graph



802.11ax (HE80) Use combiner

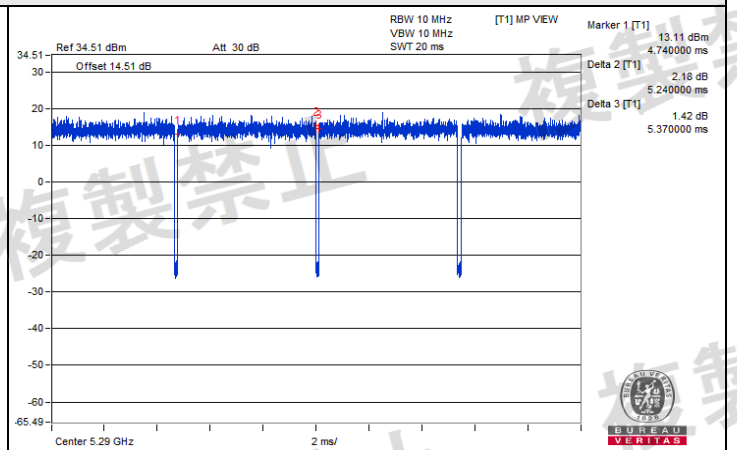
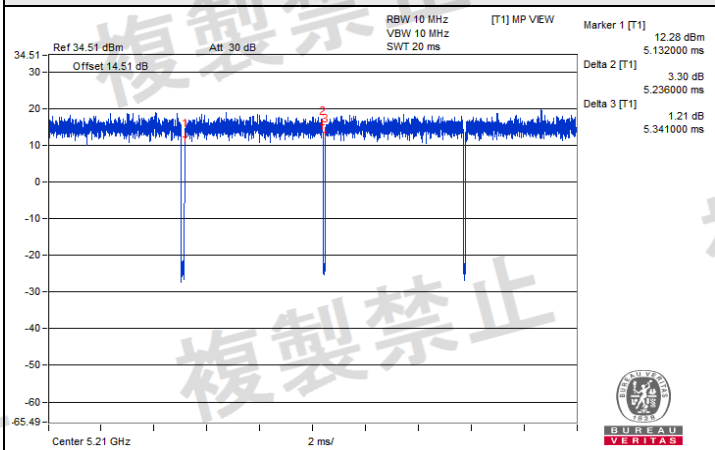
TEST CONDITION	Burst Length (ms)		
	CH 42 (5210 MHz)	CH 58 (5290 MHz)	CH 106 (5530 MHz)
V_{normal}	5.24	5.24	5.24
Limit	≤ 8 ms		
Result	PASS		

TEST CONDITION	Burst Length (ms)	
	CH 122 (5610 MHz)	CH 138 (5690 MHz)
V_{normal}	5.24	5.24
Limit	≤ 8 ms	
Result	PASS	

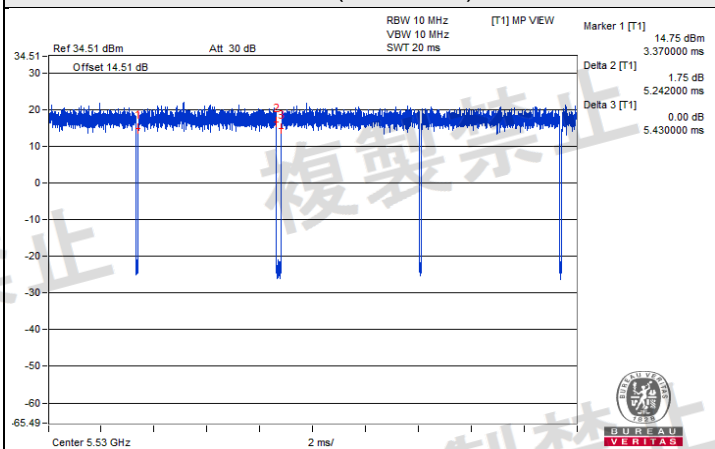


BUREAU
VERITAS

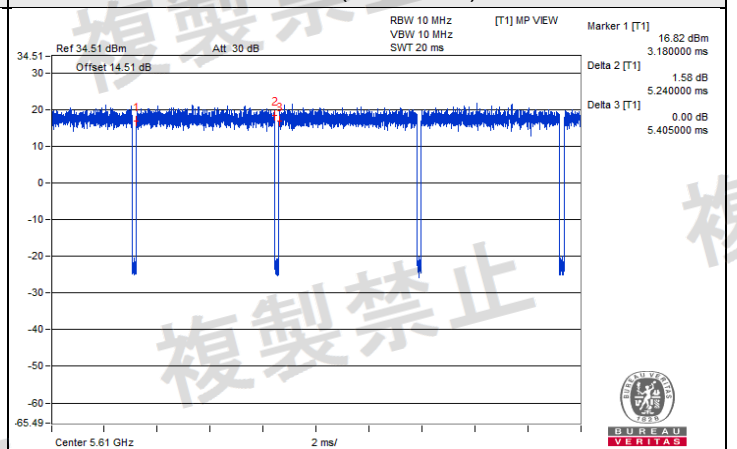
V_{normal}



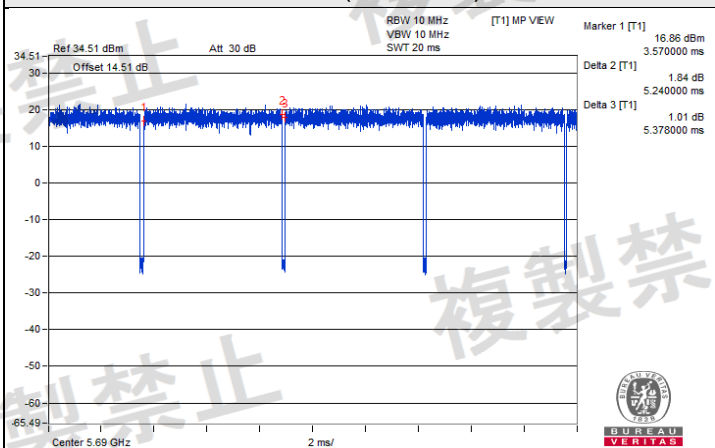
CH 42 (5210 MHz)



CH 58 (5290 MHz)



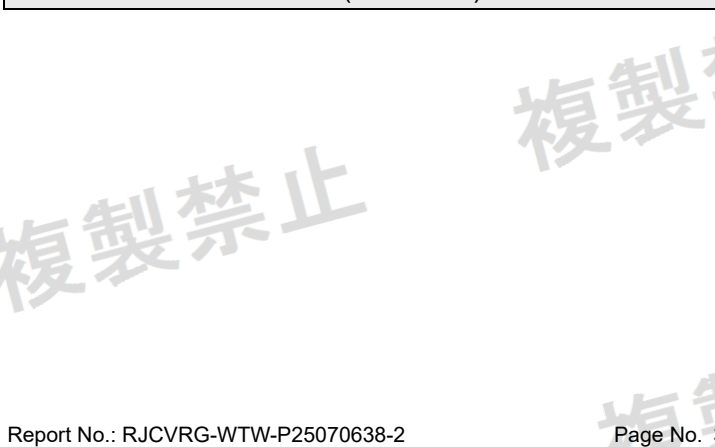
CH 106 (5530 MHz)



CH 122 (5610 MHz)



CH 138 (5690 MHz)



7.8 Number of Carriers within 1 MHz Bandwidth in OFDM

Environmental Conditions:	25°C, 60% RH	Tested By:	Waydi Tuan
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About OFDM Technical, one OFDM Channel will have 52 sub-carriers. At present, we observe this product via the spectrum, and we know that there are 3 carriers in 1 MHz bandwidth in OFDM.

7.9 Interference Prevention Function

Environmental Conditions:	25°C, 60% RH	Tested By:	Waydi Tuan
Link Mode		Test Result	
WiFi		Pass	

7.10 Carrier Sense Capability

Environmental Conditions:	25°C, 60% RH	Tested By:	Waydi Tuan
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20 MHz System:

Antenna Gain (dBi)	Frequency (MHz)	Pcs (dBm)	Test Result
1.72	5180	-49.78	Pass
1.72	5240	-49.88	Pass
1.72	5260	-49.91	Pass
1.72	5320	-50.01	Pass
1.02	5500	-51.00	Pass
1.02	5600	-51.15	Pass
1.02	5700	-51.31	Pass
1.02	5720	-51.33	Pass

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (dBi).

F: Transmission frequency (MHz).

40 MHz System:

Antenna Gain (dBi)	Frequency (MHz)	Pcs (dBm)	Test Result
1.72	5190	-49.79	Pass
1.72	5230	-49.86	Pass
1.72	5270	-49.93	Pass
1.72	5310	-49.99	Pass
1.02	5510	-51.01	Pass
1.02	5590	-51.14	Pass
1.02	5670	-51.26	Pass
1.02	5710	-51.31	Pass

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (dBi).

F: Transmission frequency (MHz).

80 MHz System:

Antenna Gain (dBi)	Frequency (MHz)	Pcs (dBm)	Test Result
1.72	5210	-49.83	Pass
1.72	5290	-49.96	Pass
1.02	5530	-51.04	Pass
1.02	5610	-51.17	Pass
1.02	5690	-51.28	Pass

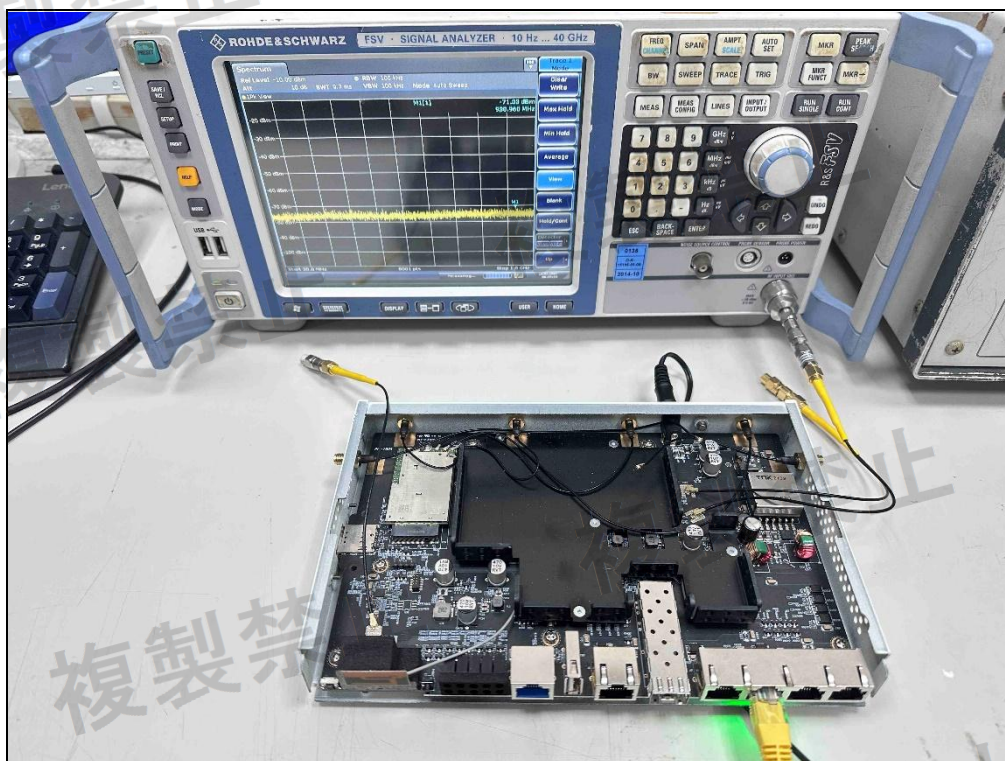
Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (dBi).

F: Transmission frequency (MHz).

8 Pictures of Test Arrangements



9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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