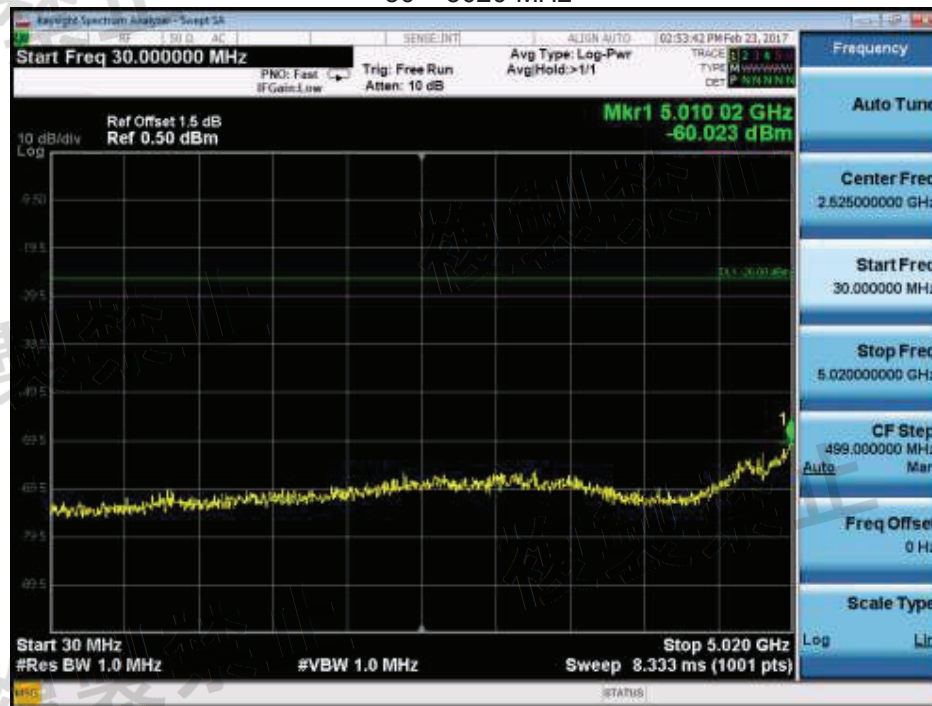


5290MHz

30 – 5020 MHz

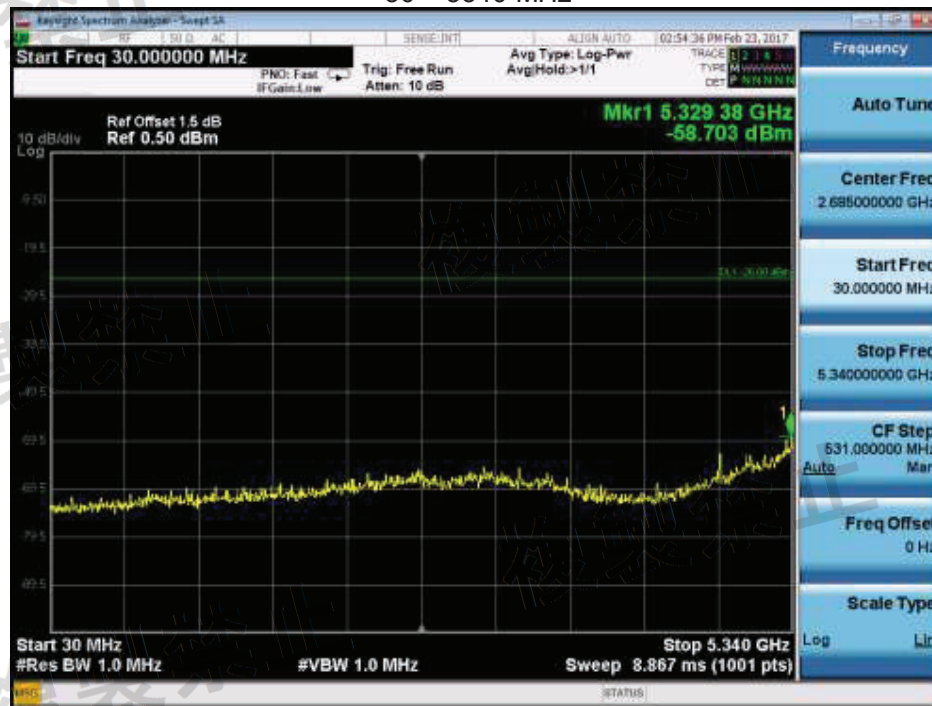


5.48 – 26 GHz



5530MHz

30 – 5340 MHz



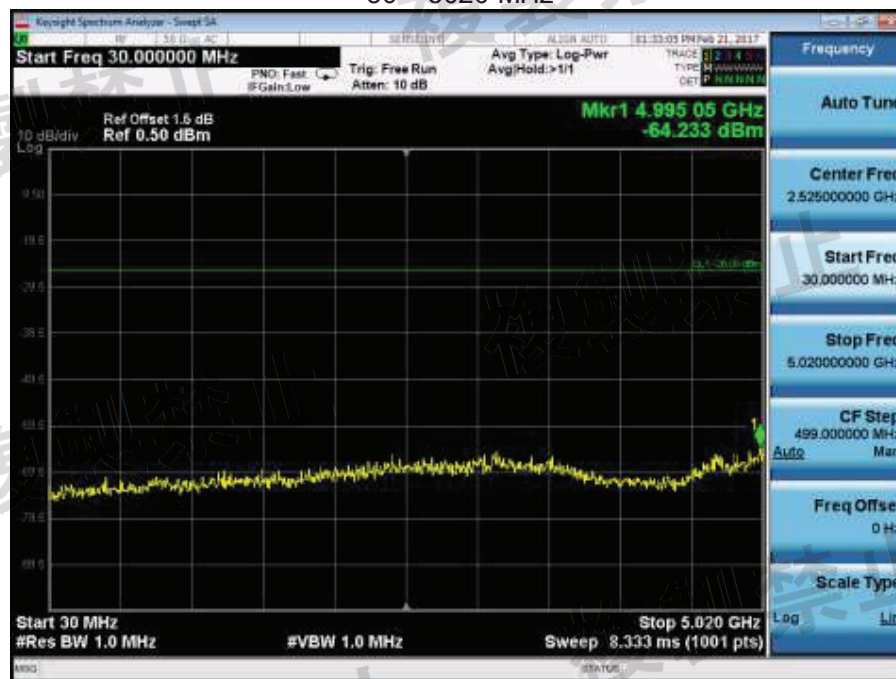
5.80 – 26 GHz



Note: Both of two chains were tested, and only the worst data was showed in the report.

Product	: Access Point
Test Item	: Transmitter Spurious Emissions
Test Site	: TR-8
Test Mode	: Mode 6: Transmit by 802.11ac(80MHz)
Model No.	: APEX0367

5210MHz
30 – 5020 MHz

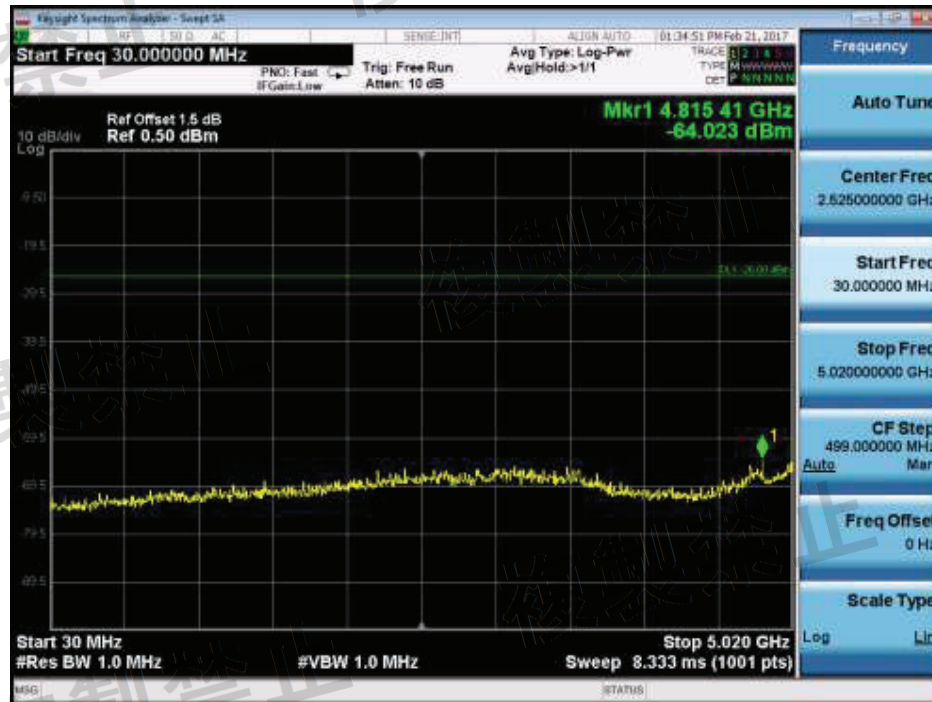


5.36 – 26 GHz



5290MHz

30 – 5020 MHz



5.48 – 26 GHz



Note: Both of two chains were tested, and only the worst data was showed in the report.

Test Result

Pass

8. Adjacent Channel Emitted Power

8.1. Test Equipment

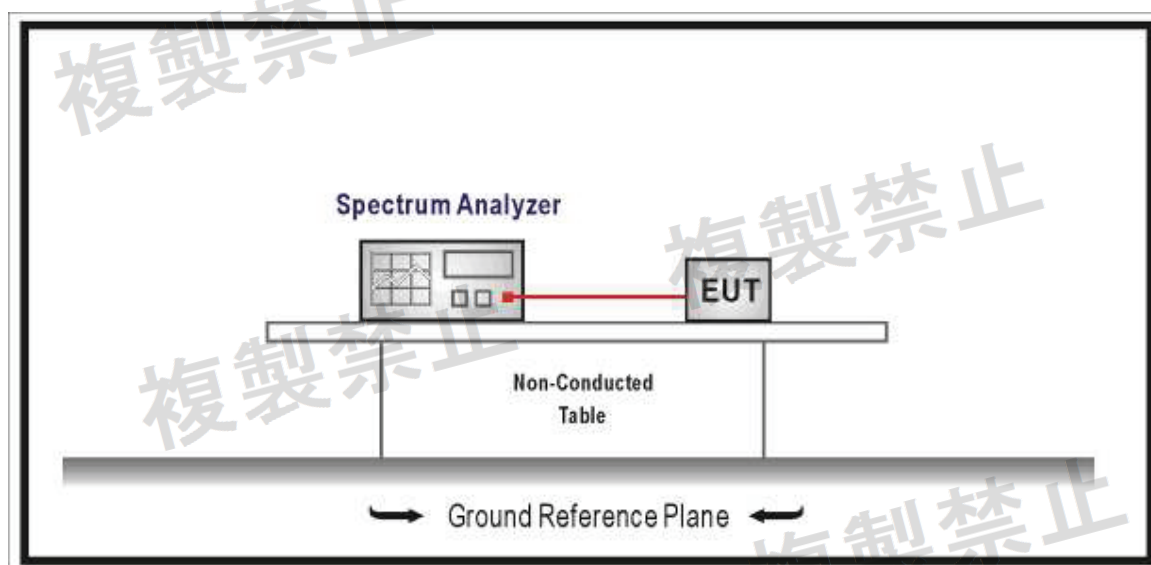
Adjacent Channel Emitted Power / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cali. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2018.01.04
Temperature/Humidity Meter	Zhicheng	ZC1-2	TR8-TH	2018.04.03

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup

For Conducted Measurement



8.3. Limit

20MHz Bandwidth:

≥ 25dB for ±20MHz(19MHz)

≥ 40dB for ±40MHz(19MHz)

40MHz Bandwidth:

≧ 25dB for ±40MHz(38MHz)

≧ 40dB for ±80MHz(38MHz)

80MHz Bandwidth:

≧ 25dB for ±80MHz(78MHz)

≧ 40dB for ±160MHz(78MHz)

8.4. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A sample detector function must be used.
- (b) Open spectrum analyzer 'Adj Channel Power' function.
- (c) Set points of ±20MHz and ±40MHz as 18MHz band.
- (d) The measurement instrument bandwidth and span must be set sufficiently with, and the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (e) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

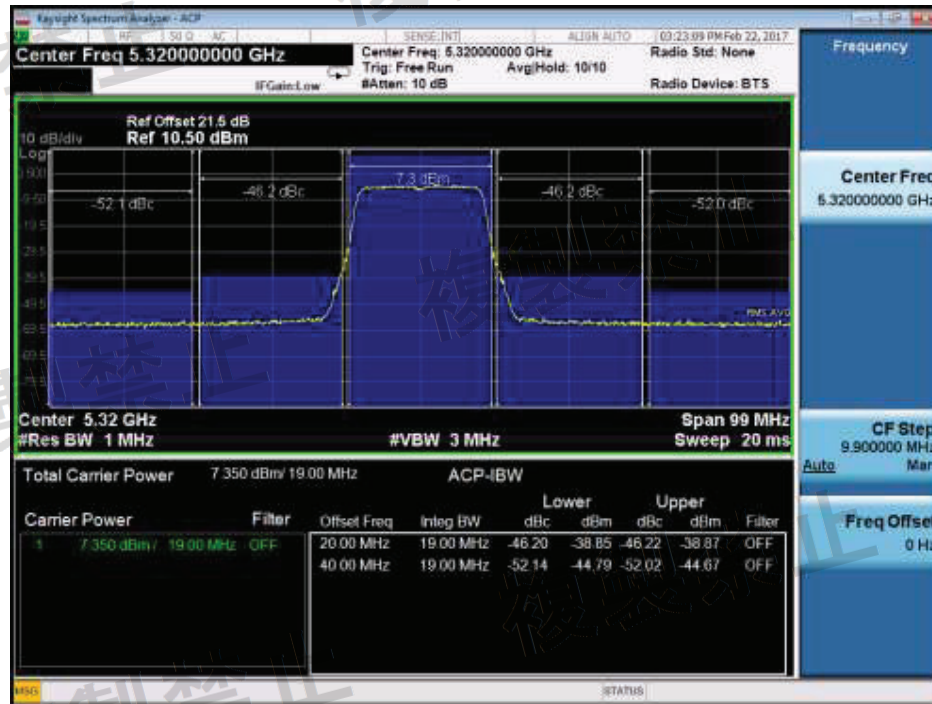
8.5. Test Result

Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11a
Model No.	:	APEX0365

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5180	-40	-52.39	40
	-20	-45.33	25
	+20	-45.72	25
	+40	-52.17	40
5320	-40	-52.14	40
	-20	-46.20	25
	+20	-46.22	25
	+40	-52.02	40



5320MHz



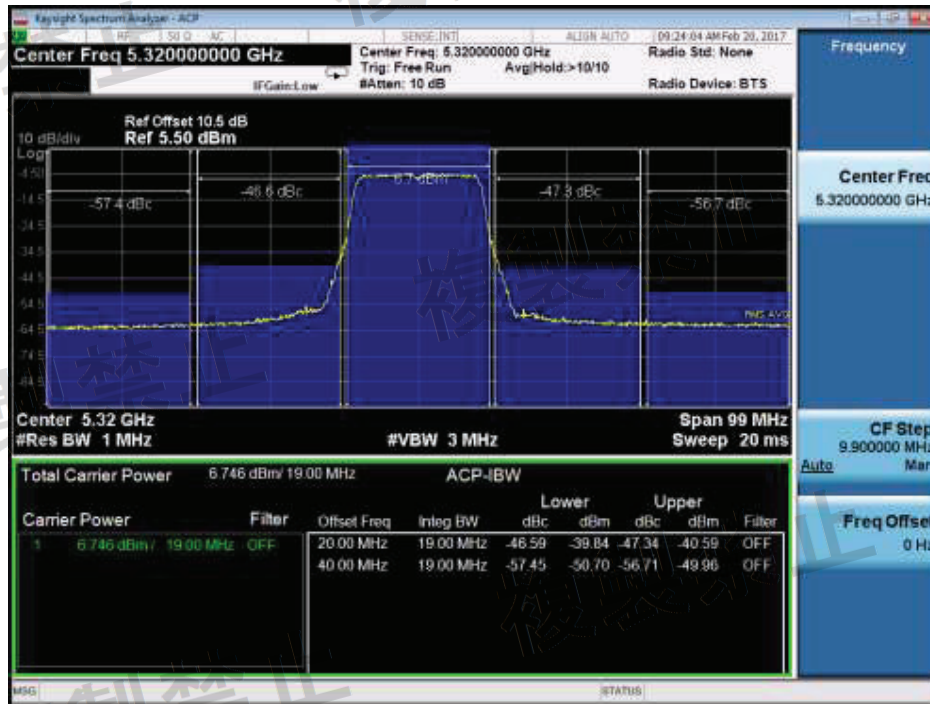
Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11a
Model No.	:	APEX0367

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5180	-40	-58.24	40
	-20	-45.70	25
	+20	-46.56	25
	+40	-57.77	40
5320	-40	-57.45	40
	-20	-46.59	25
	+20	-47.34	25
	+40	-56.71	40

5180MHz



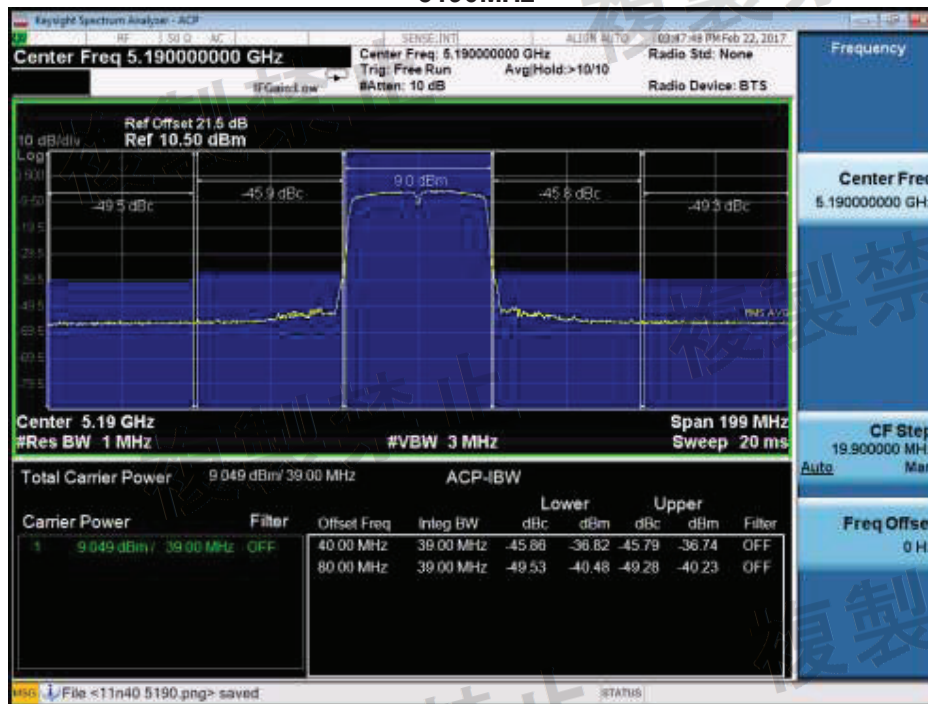
5320MHz



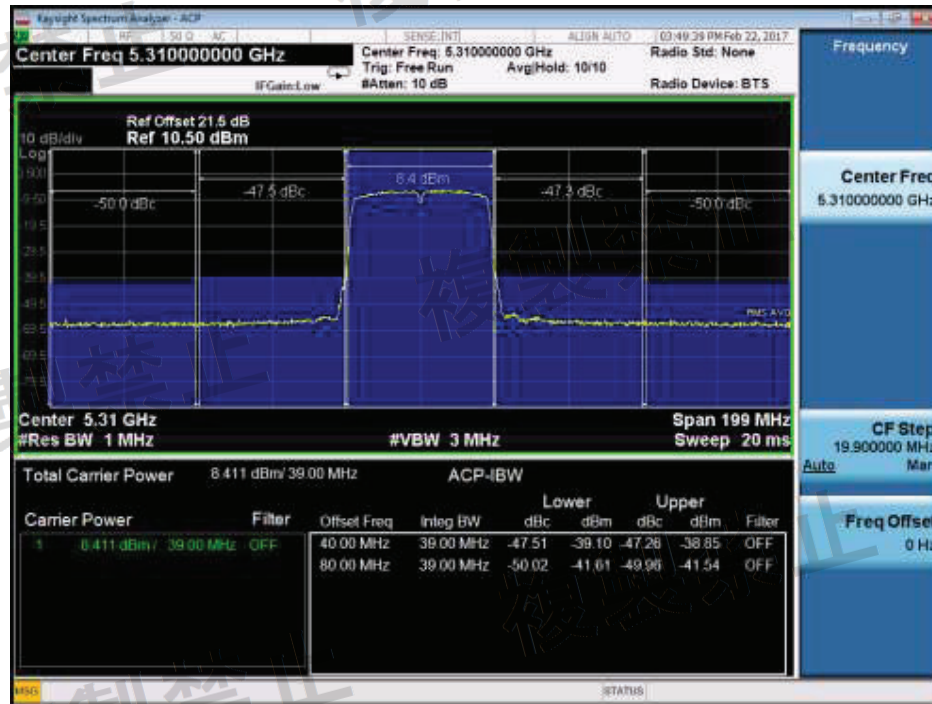
Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)
Model No.	:	APEX0365

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5190	-80	-49.53	40
	-40	-45.86	25
	+40	-45.79	25
	+80	-49.28	40
5310	-80	-50.02	40
	-40	-47.51	25
	+40	-47.26	25
	+80	-49.96	40

5190MHz



5310MHz



Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)
Model No.	:	APEX0367

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5190	-80	-52.10	40
	-40	-47.49	25
	+40	-47.05	25
	+80	-50.60	40
5310	-80	-54.17	40
	-40	-49.16	25
	+40	-49.34	25
	+80	-53.59	40

5190MHz



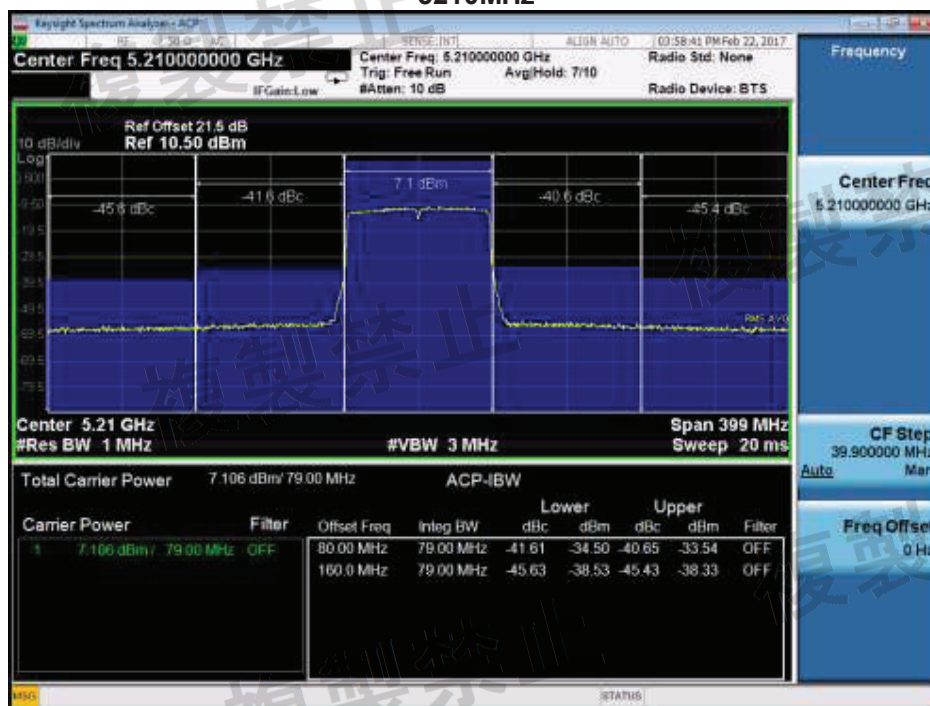
5310MHz



Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)
Model No.	:	APEX0365

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5210	-160	-45.63	40
	-80	-41.61	25
	+80	-40.65	25
	+160	-45.43	40
5290	-160	-46.44	40
	-80	-41.96	25
	+80	-41.19	25
	+160	-45.84	40
5530	-160	-47.54	40
	-80	-41.54	25
	+80	-41.41	25
	+160	-47.24	40

5210MHz



5290MHz



Product	:	Access Point
Test Item	:	Adjacent Channel Emitted Power
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)
Model No.	:	APEX0367

Frequency	Frequency Range (MHz)	Reading Value (dB)	Limit (dB)
5210	-160	-51.67	40
	-80	-42.85	25
	+80	-41.89	25
	+160	-49.80	40
5290	-160	-51.39	40
	-80	-42.95	25
	+80	-42.39	25
	+160	-49.39	40

5210MHz



5290MHz

