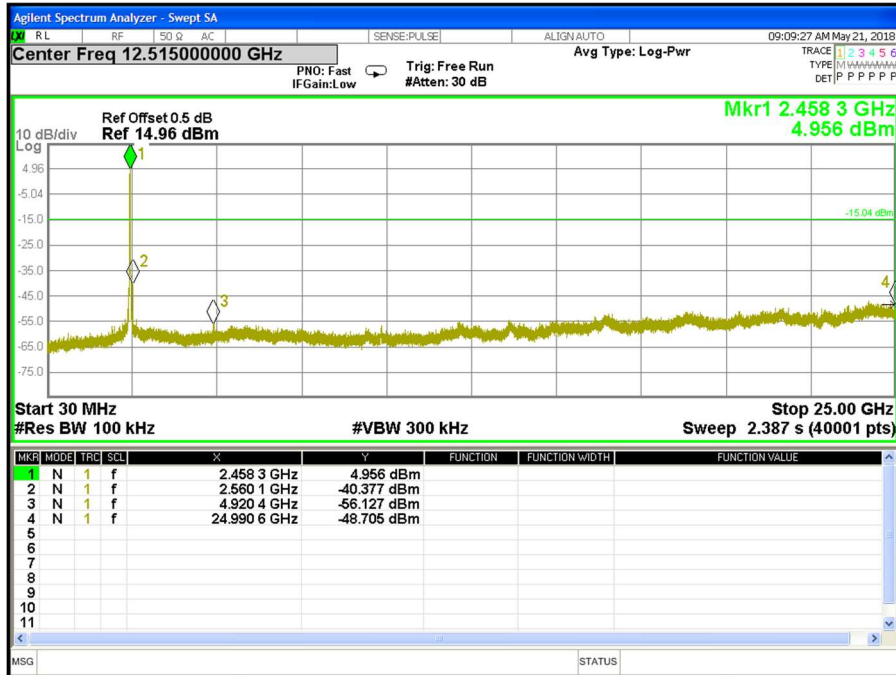




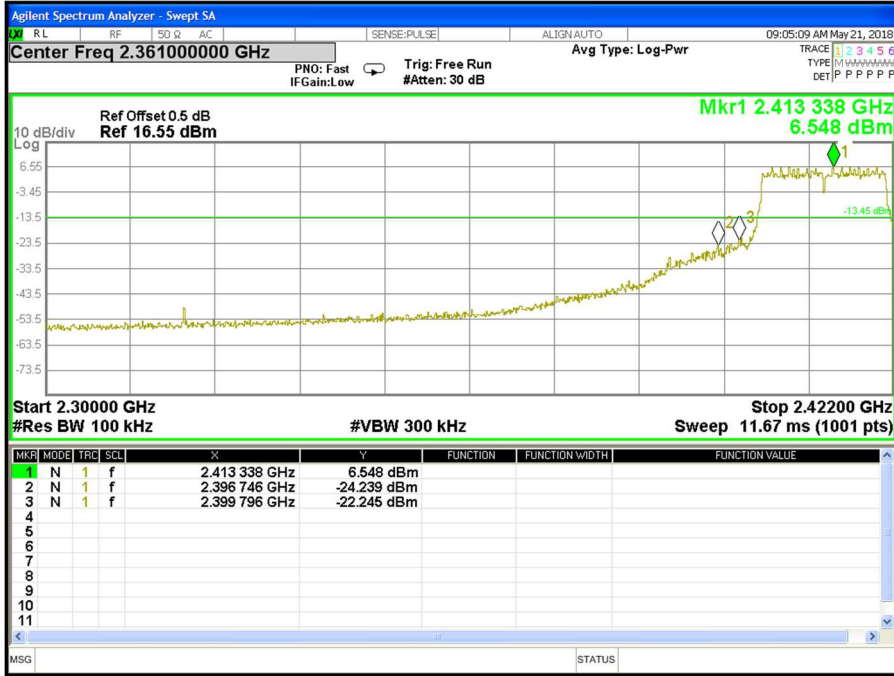
CH 11



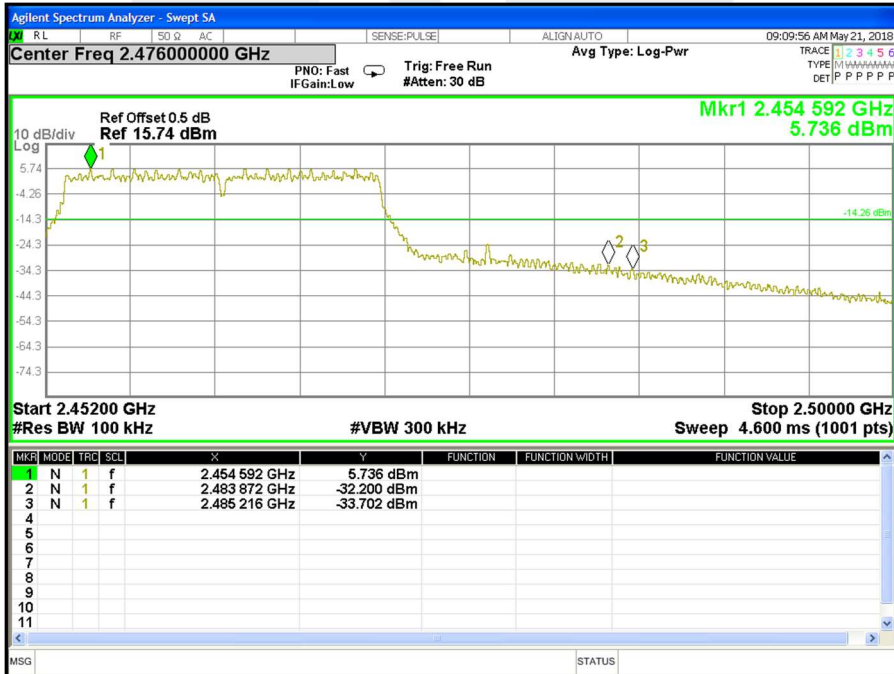


Band edge

CH 01



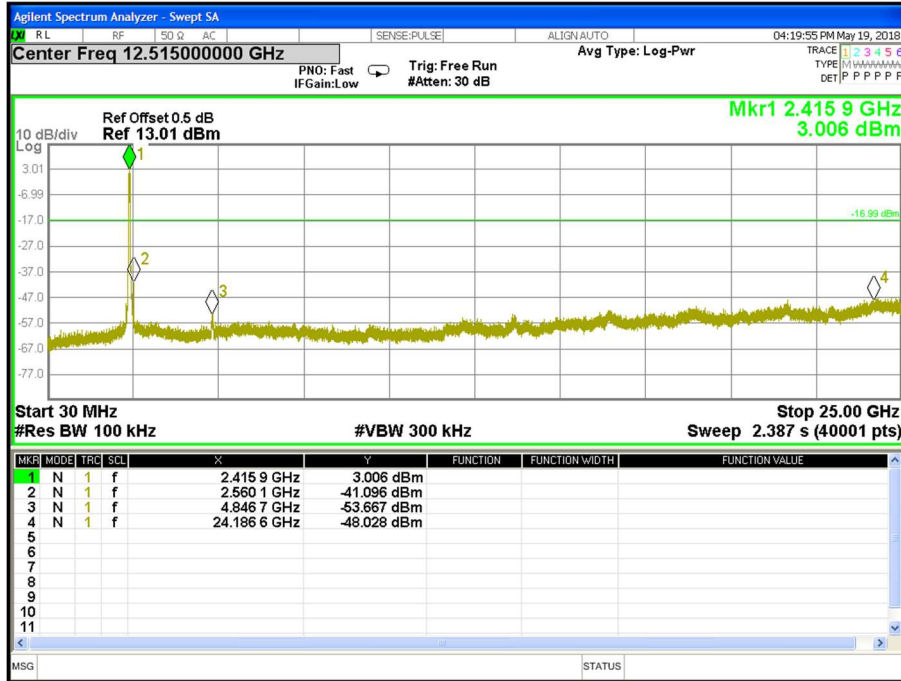
CH 11



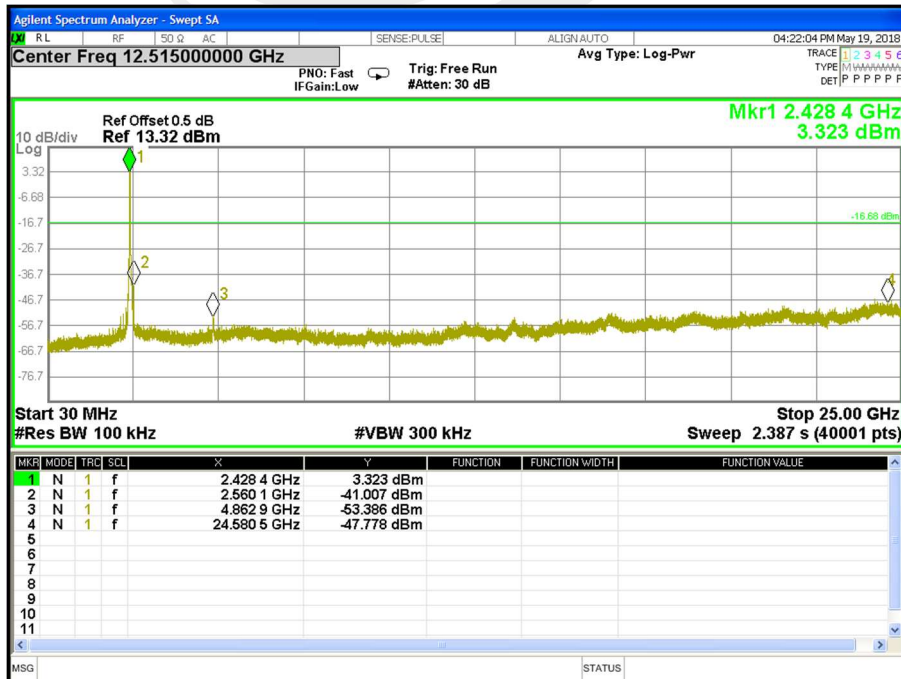


Temperature:	25 °C	Relative Humidity:	60%
Test Voltage:	DC 3.8V	Test Mode:	TX n Mode(40M) /CH03, CH06, CH09

CH 03

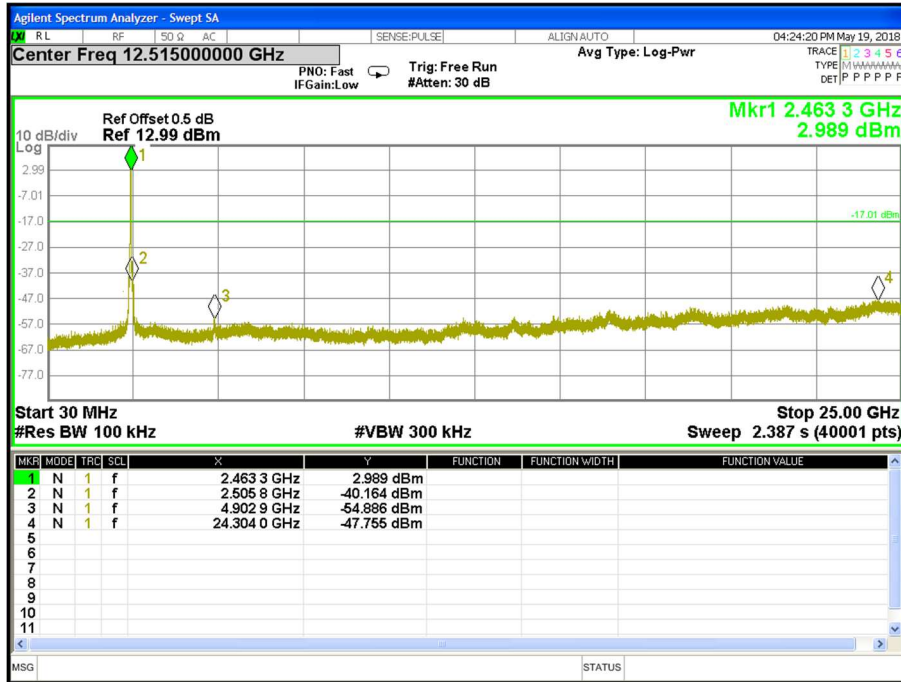


CH06





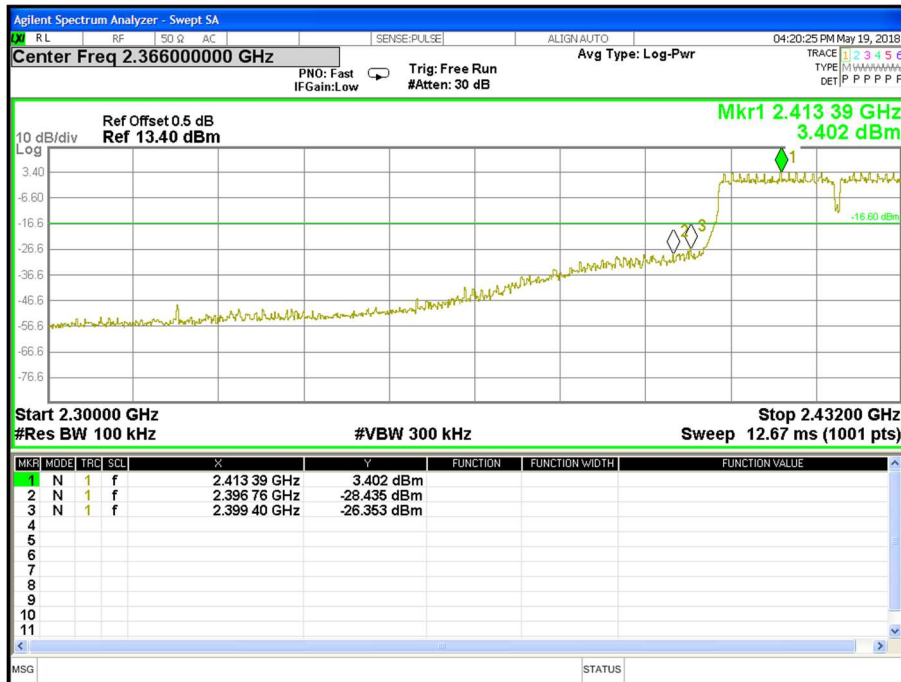
CH09



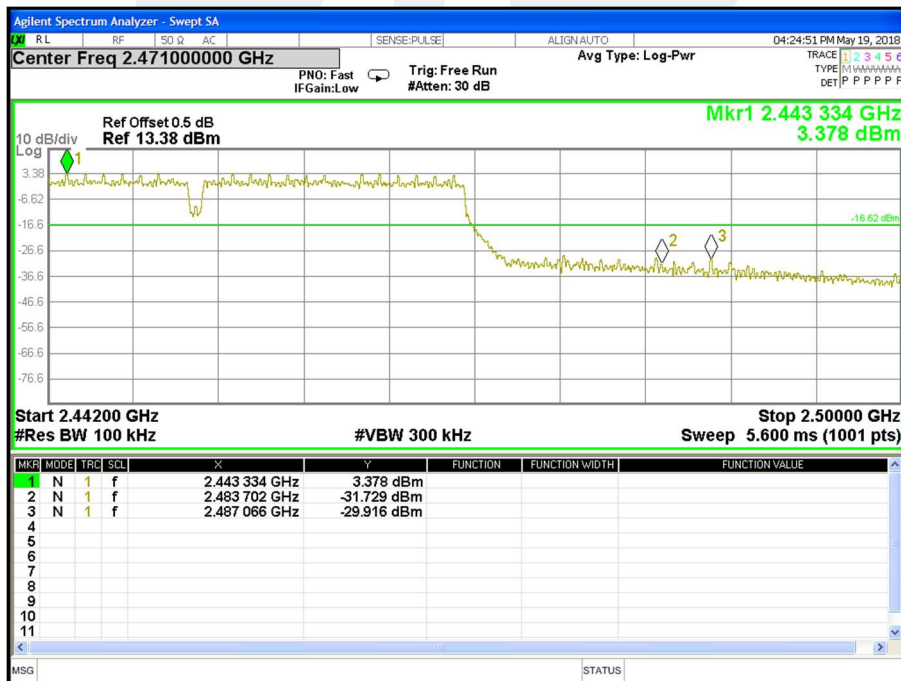


Band edge

CH03



CH 09





5 POWER SPECTRAL DENSITY TEST

5.1 APPLIED PROCEDURES / LIMIT

FCC Part 15.247, Subpart C RSS-247 Issue 2				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e) RSS-247 Clause 5.2(b)	Power Spectral Density	≤ 8 dBm (RBW ≥ 3 KHz)	2400-2483.5	PASS

5.2 TEST PROCEDURE

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) Set the span to 1.5 times the DTS channel bandwidth.
- 3) Set the $100 \text{ kHz} \geq \text{RBW} \geq 3 \text{ kHz}$.
- 4) Set the $\text{VBW} \geq 3 \times \text{RBW}$.
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.
- 10) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

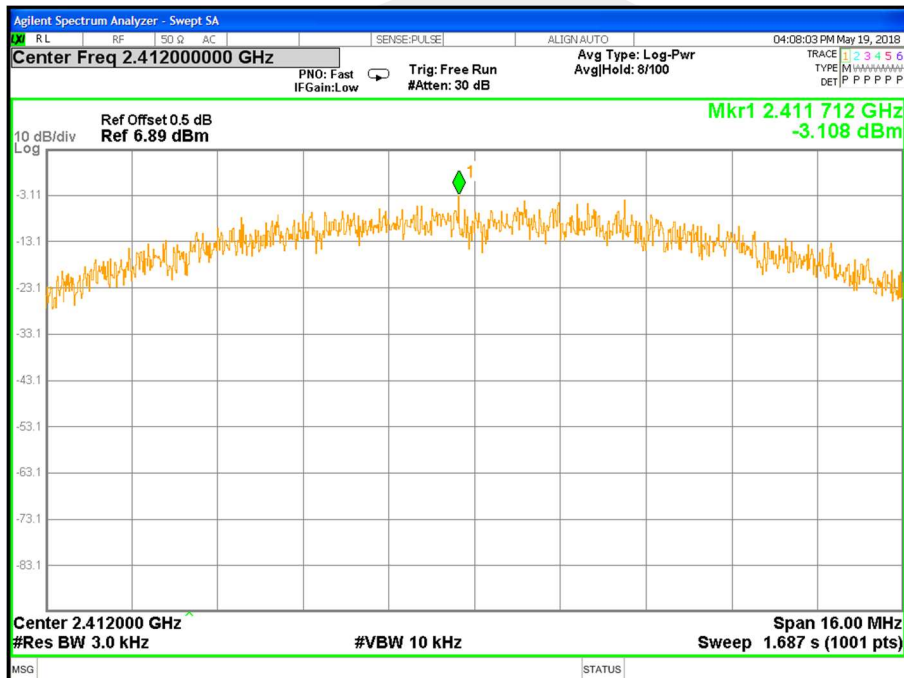


5.6 TEST RESULTS

Temperature:	25 °C	Relative Humidity:	60%
Test Voltage:	DC 3.8V	Test Mode:	TX b Mode /CH01, CH06, CH11

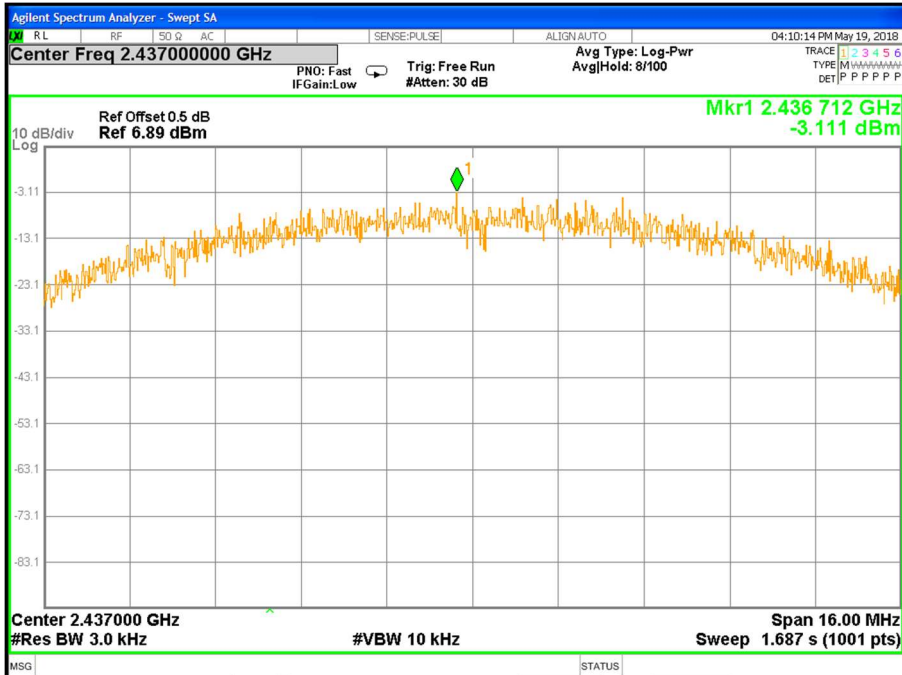
Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
b mode (1 Mbps)	2412.00	-3.11	≤ 8.00	PASS
	2437.00	-3.11	≤ 8.00	PASS
	2462.00	-3.35	≤ 8.00	PASS

TX CH01

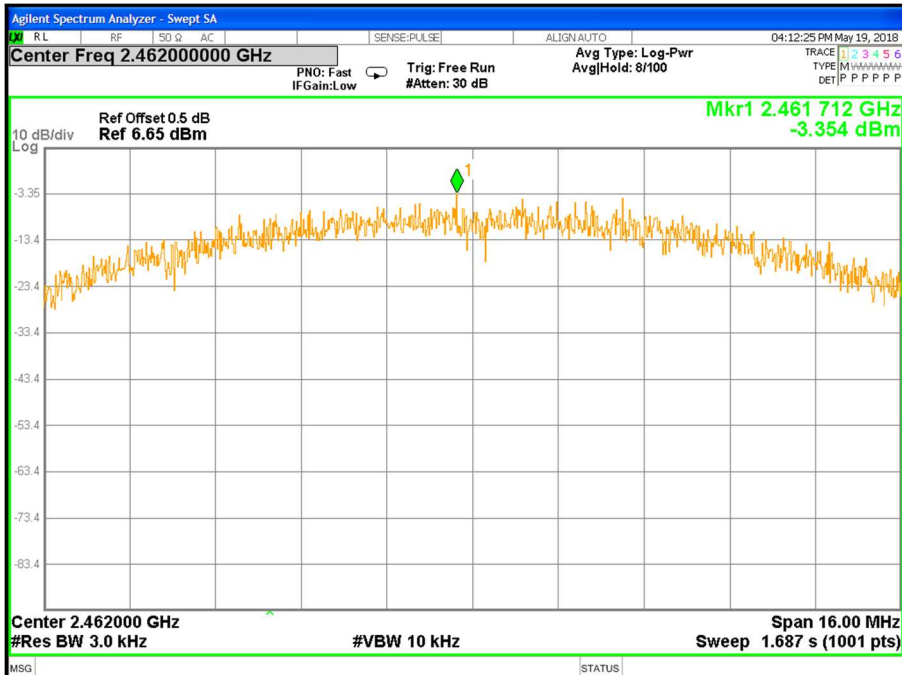




TX CH06



TX CH11

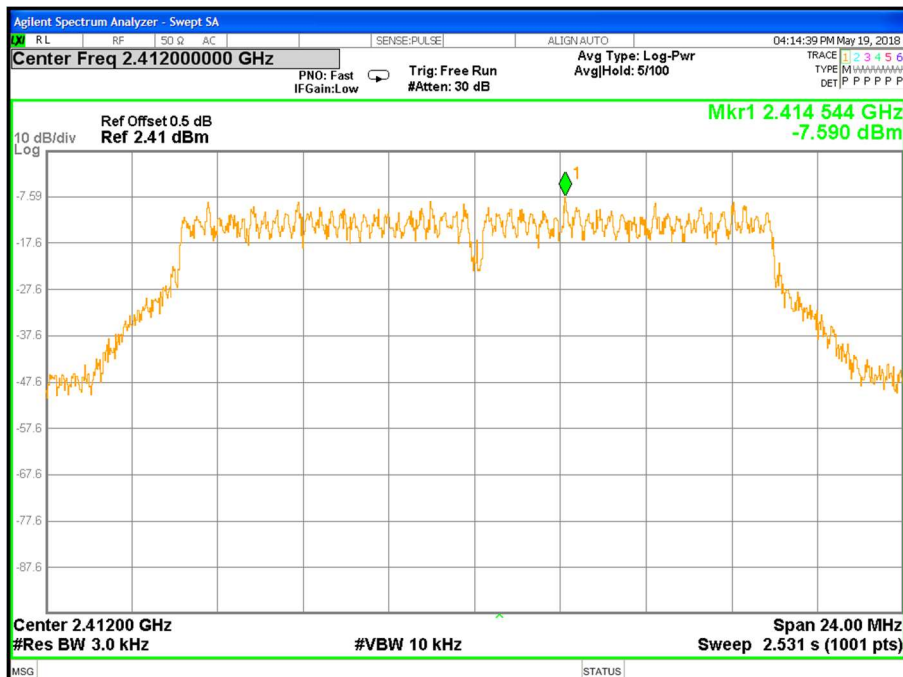




Temperature:	25 °C	Relative Humidity:	60%
Test Voltage:	DC 3.8V	Test Mode:	TX g Mode /CH01, CH06, CH11

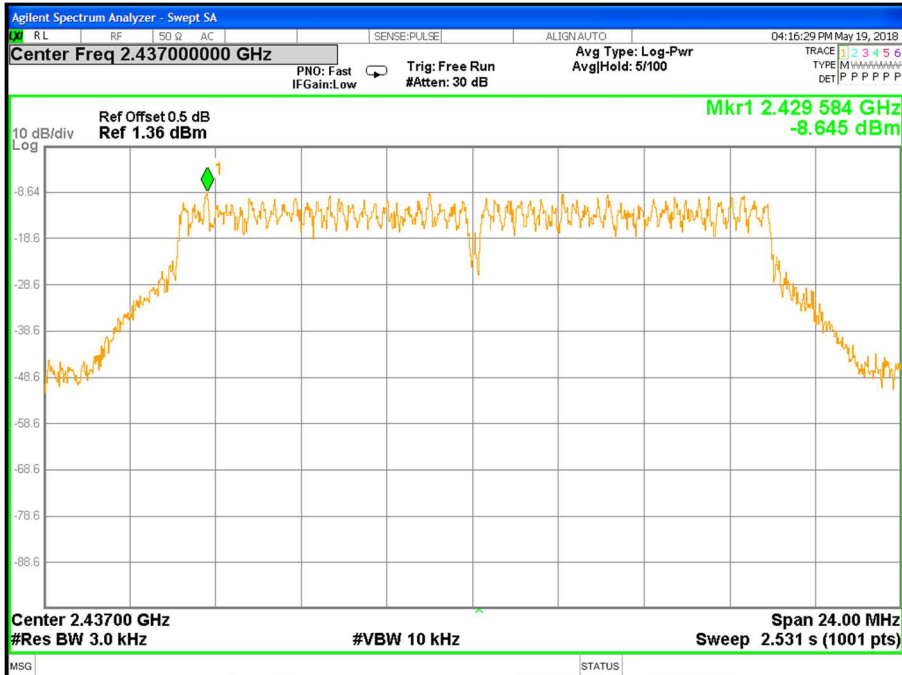
Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
g mode (6 Mbps)	2412.00	-7.59	≤ 8.00	PASS
	2437.00	-8.65	≤ 8.00	PASS
	2462.00	-8.20	≤ 8.00	PASS

TX CH01





TX CH06



TX CH11

