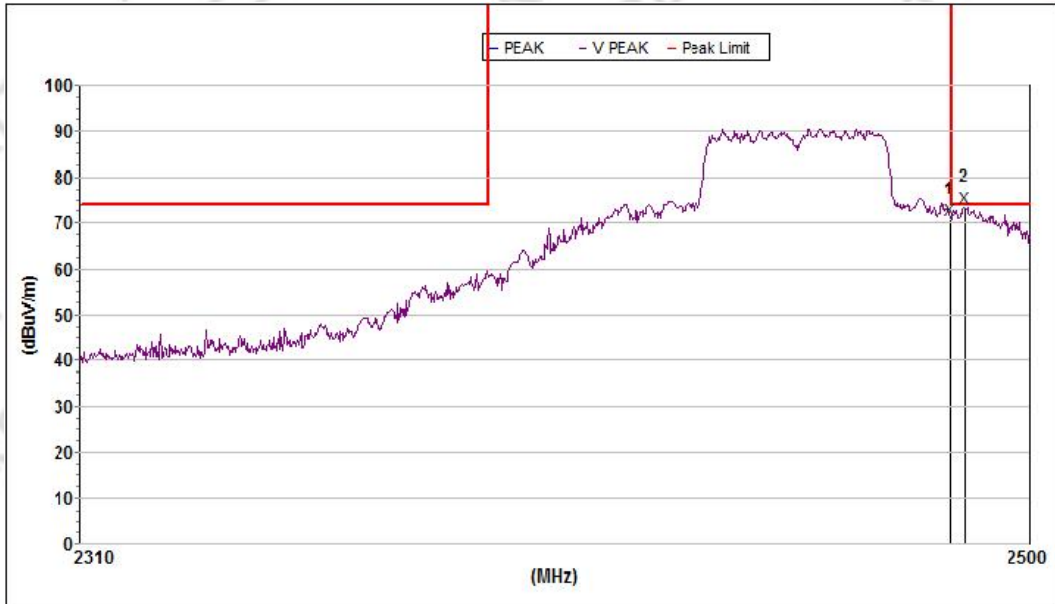
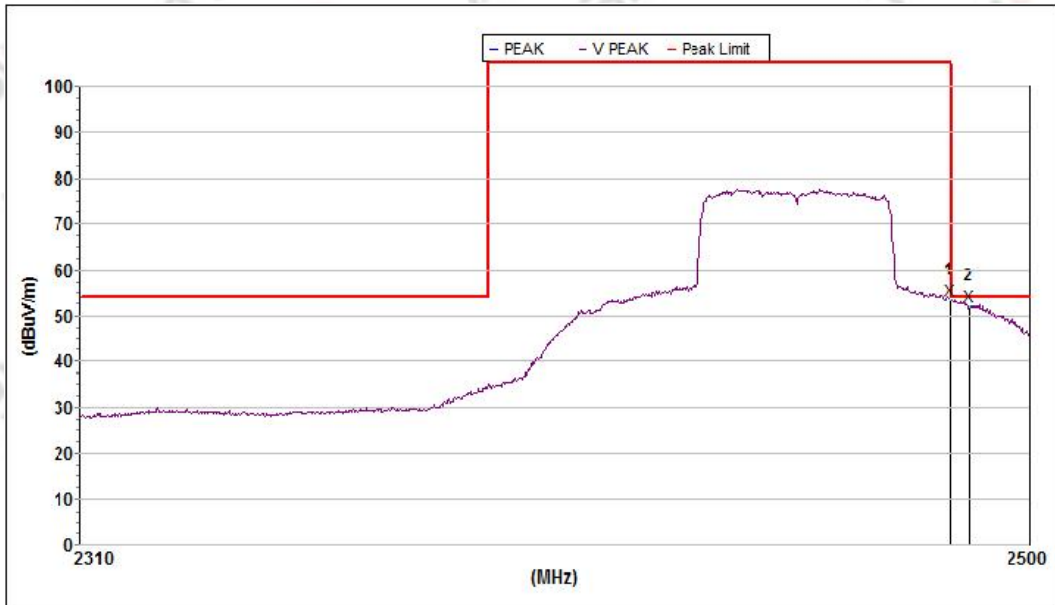


802.11n40-High Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	2483.501000	70.8	74.0	3.2	27.7	58.9	2.8	V
2	2486.402162	73.5	74.0	0.5	27.7	58.9	2.8	V

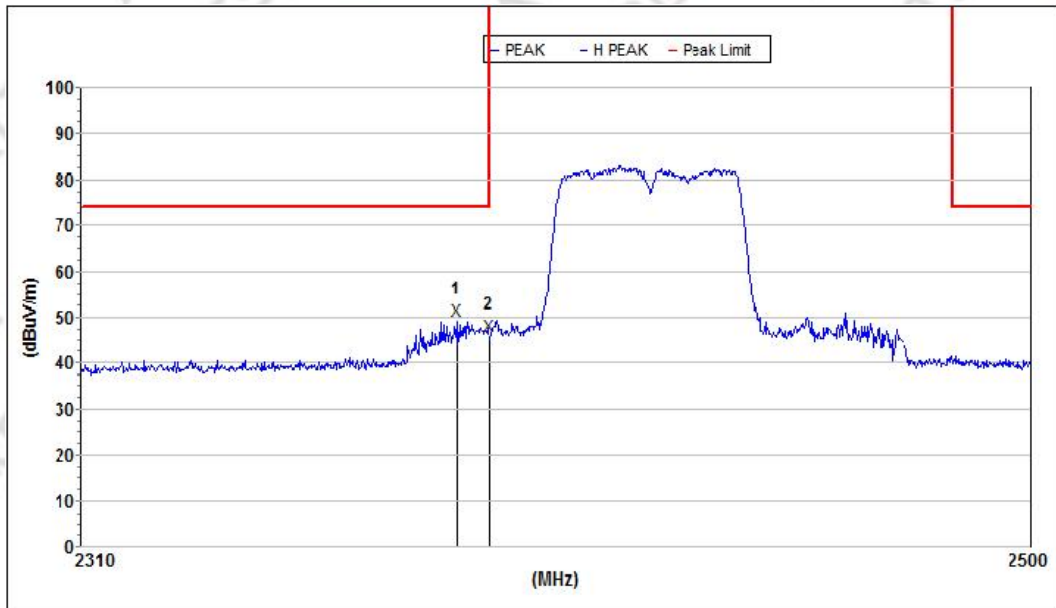
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2483.501000	53.2	54.0	0.8	27.7	58.9	2.8	V
2	2487.385022	52.1	54.0	1.9	27.7	58.9	2.8	V

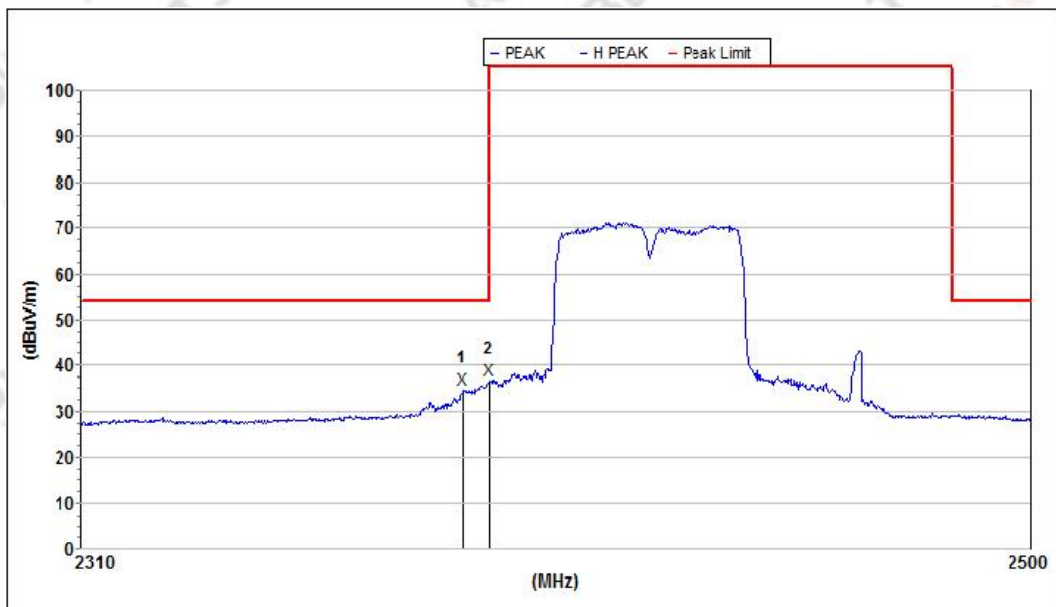
802.11ac40-Low

Horizontal



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	2383.449087	49.4	74.0	24.6	27.3	59.6	2.8	H
2	2390.000000	46.0	74.0	28.0	27.3	59.6	2.8	H

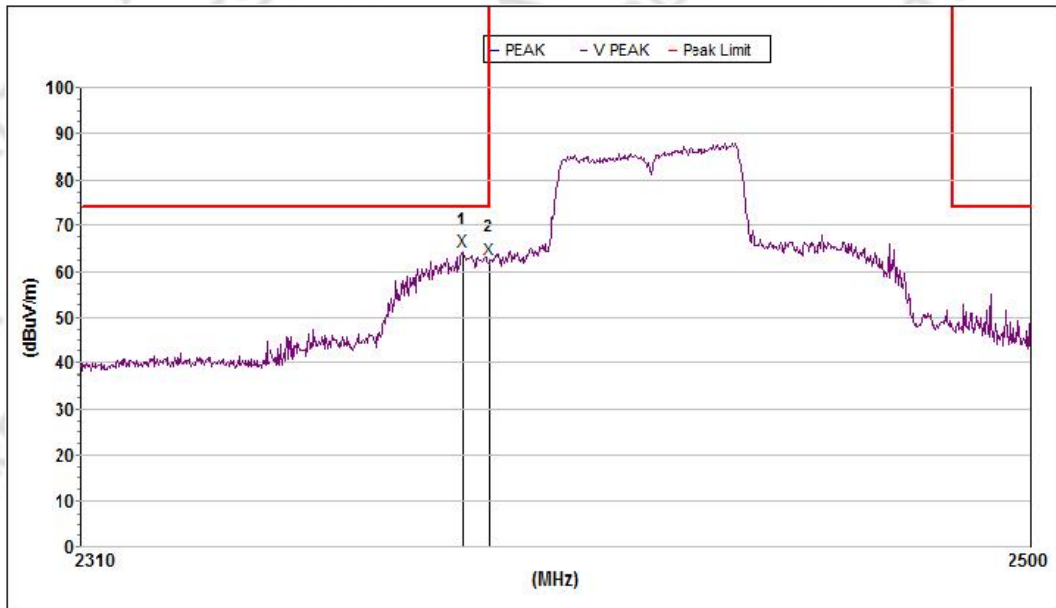
Horizontal



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2384.579727	34.8	54.0	19.2	27.3	59.6	2.8	H
2	2390.000000	36.7	54.0	17.3	27.3	59.6	2.8	H

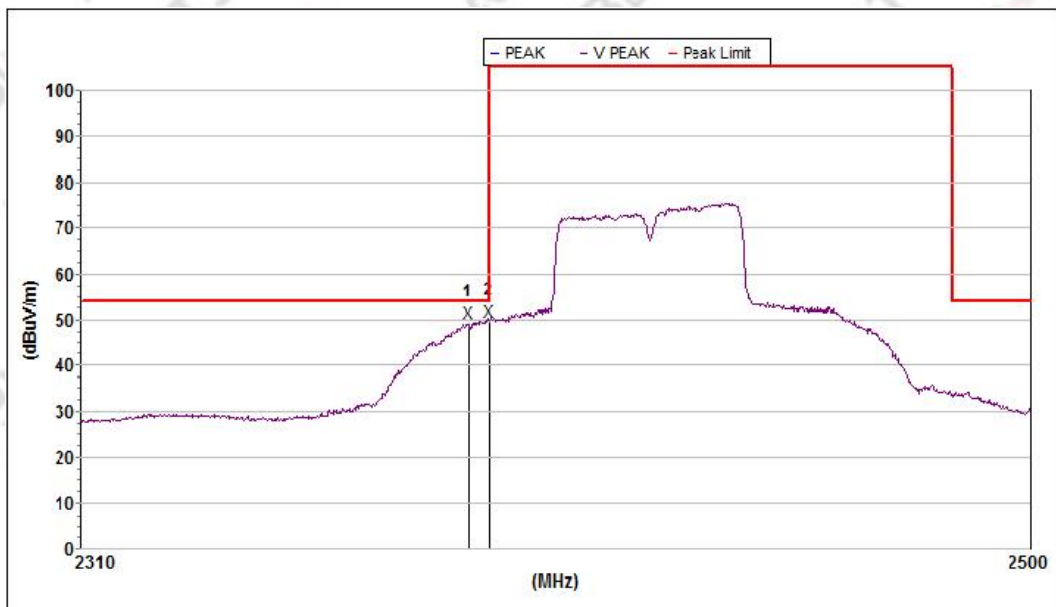
802.11ac40-Low

Vertical



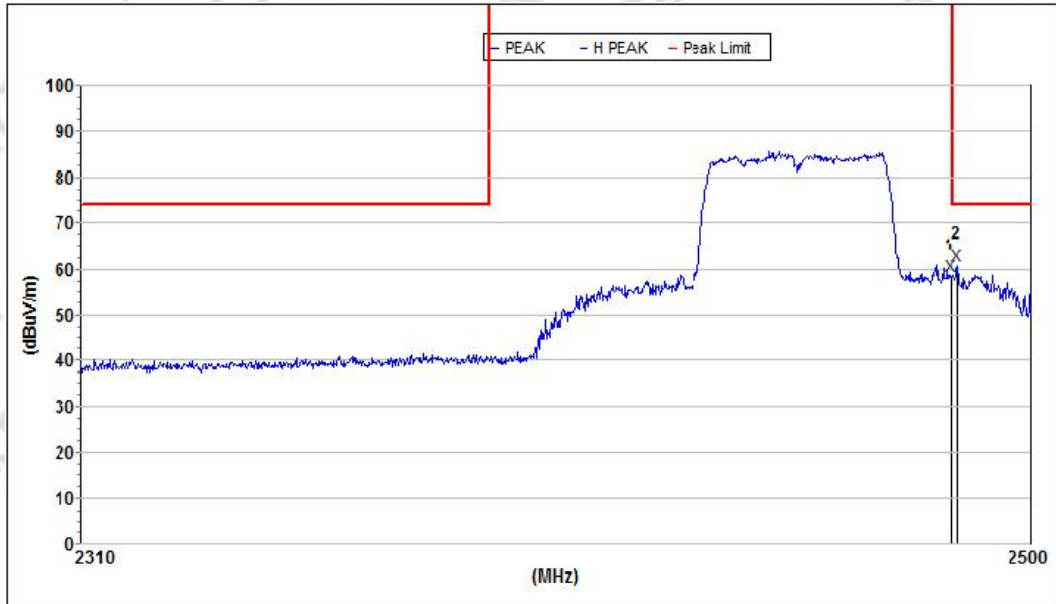
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	2384.391250	64.6	74.0	9.4	27.3	59.6	2.8	V
2	2390.000000	62.8	74.0	11.2	27.3	59.6	2.8	V

Vertical



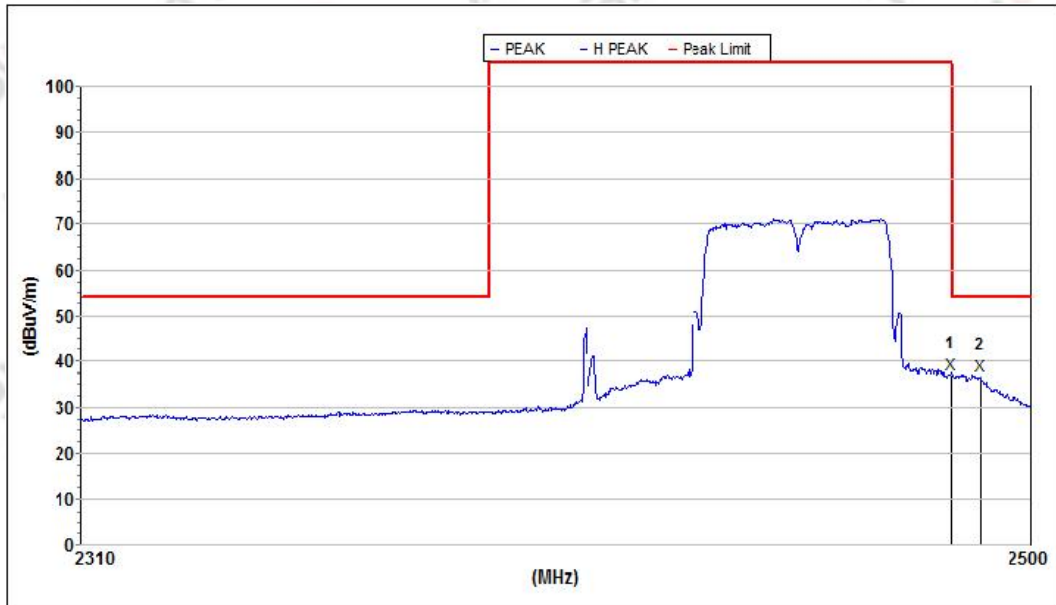
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2385.522338	49.2	54.0	4.8	27.3	59.6	2.8	V
2	2390.000000	49.8	54.0	4.2	27.3	59.6	2.8	V

802.11ac40-High Horizontal



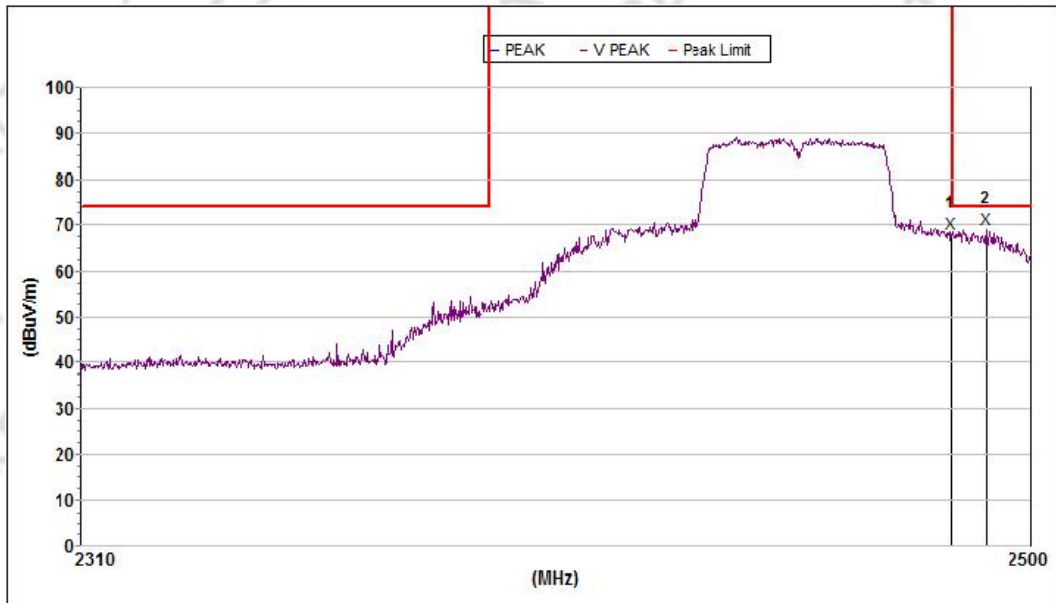
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	2483.501000	58.5	74.0	15.5	27.7	58.9	2.8	H
2	2484.633992	61.0	74.0	13.0	27.7	58.9	2.8	H

Horizontal



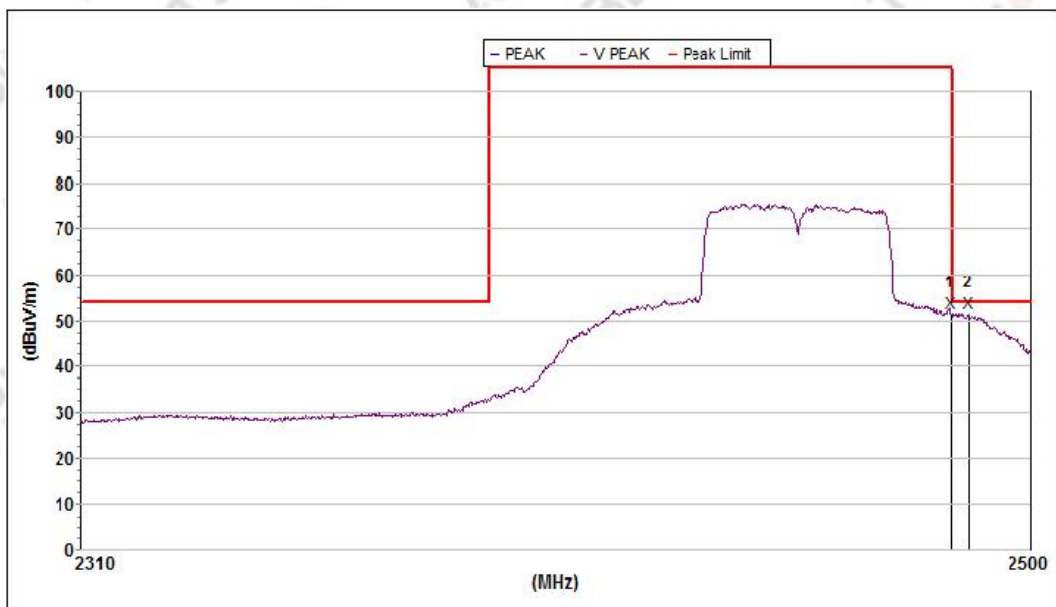
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2483.501000	37.2	54.0	16.8	27.7	58.9	2.8	H
2	2489.351908	37.0	54.0	17.0	27.7	58.9	2.8	H

802.11ac40-High Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	2483.501000	68.1	74.0	5.9	27.7	58.9	2.8	V
2	2490.532786	69.0	74.0	5.0	27.7	58.9	2.8	V

Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	2483.501000	51.8	54.0	2.2	27.7	58.9	2.8	V
2	2486.991831	51.5	54.0	2.5	27.7	58.9	2.8	V

Remark:

The all data rate modes had been test, but only worse test data was recorded in the test report.

4. CONDUCTED SPURIOUS & BAND EDGE EMISSION

4.1 LIMIT

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

4.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 kHz/300 kHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2300 to 2432 MHz Upper Band Edge: 2442 to 2500 MHz
RB / VB (emission in restricted band)	100 kHz/300 kHz
Trace-Mode:	Max hold

4.3 DEVIATION FROM STANDARD

No deviation.

4.4 TEST SETUP



The EUT which is powered by the AC power, is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

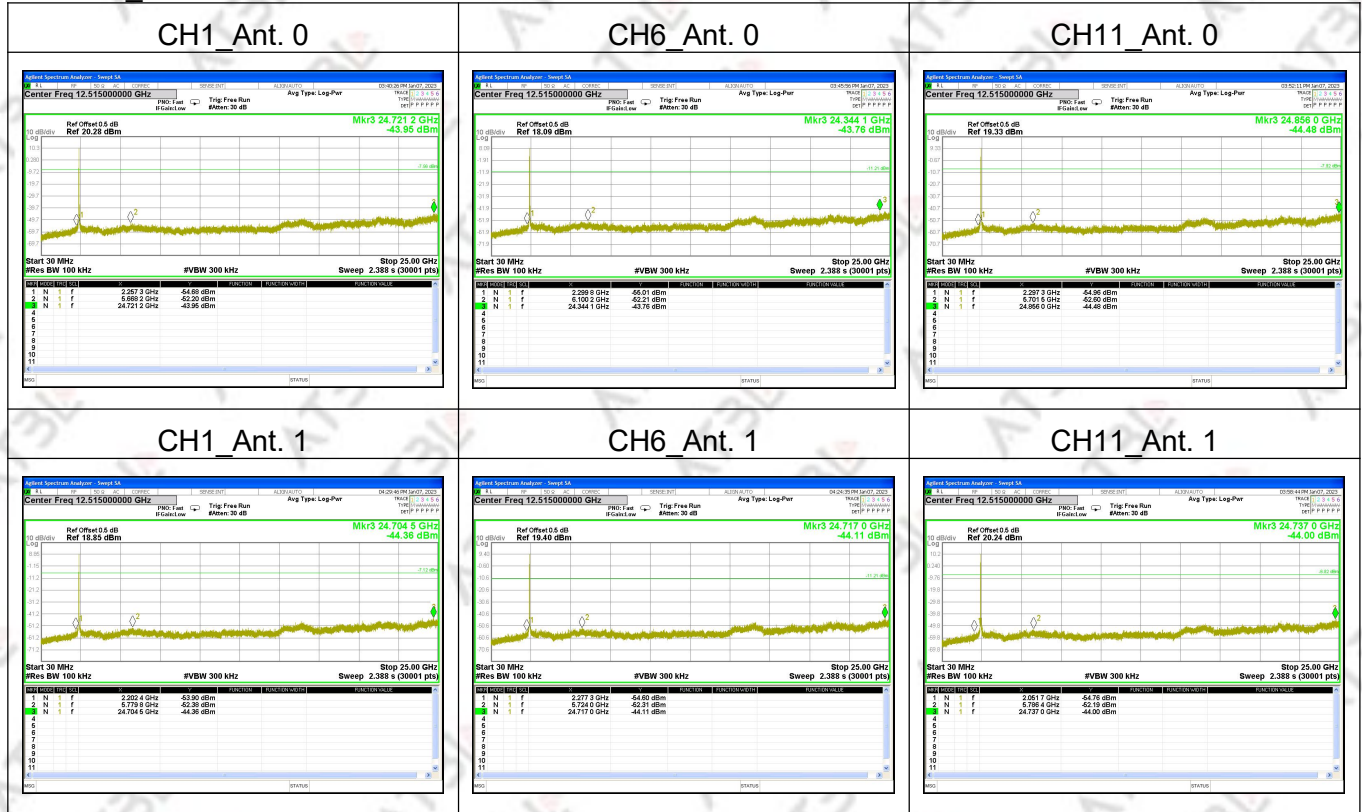
4.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

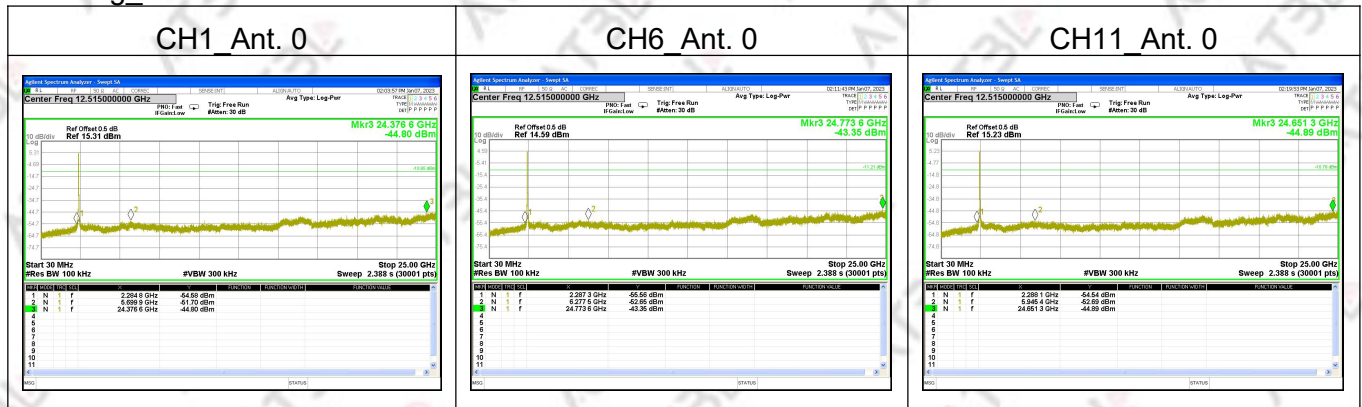
4.6 TEST RESULTS

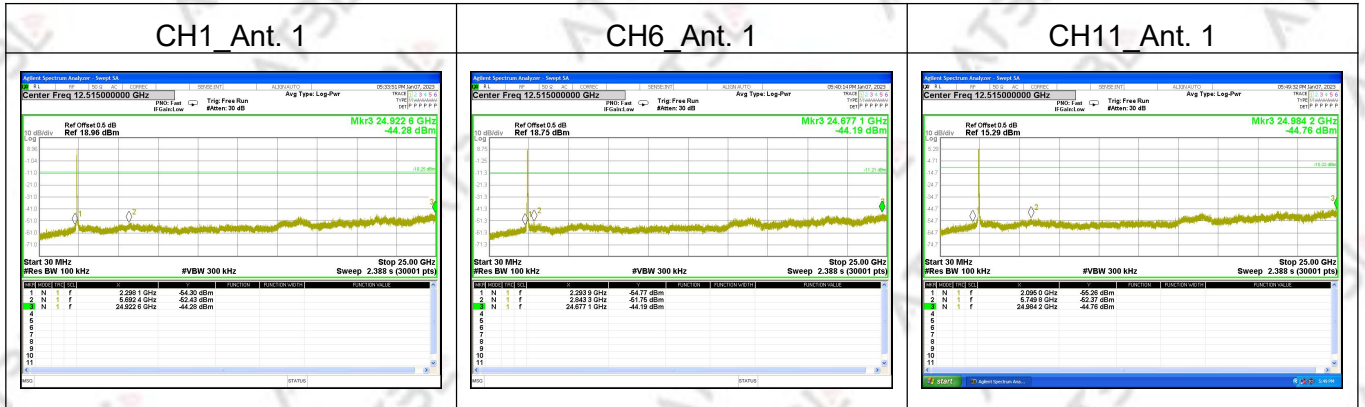
Temperature:	25°C	Relative Humidity:	50%RH
Test Voltage:	AC 120V/60Hz	Test Mode:	TX

802.11b_MIMO

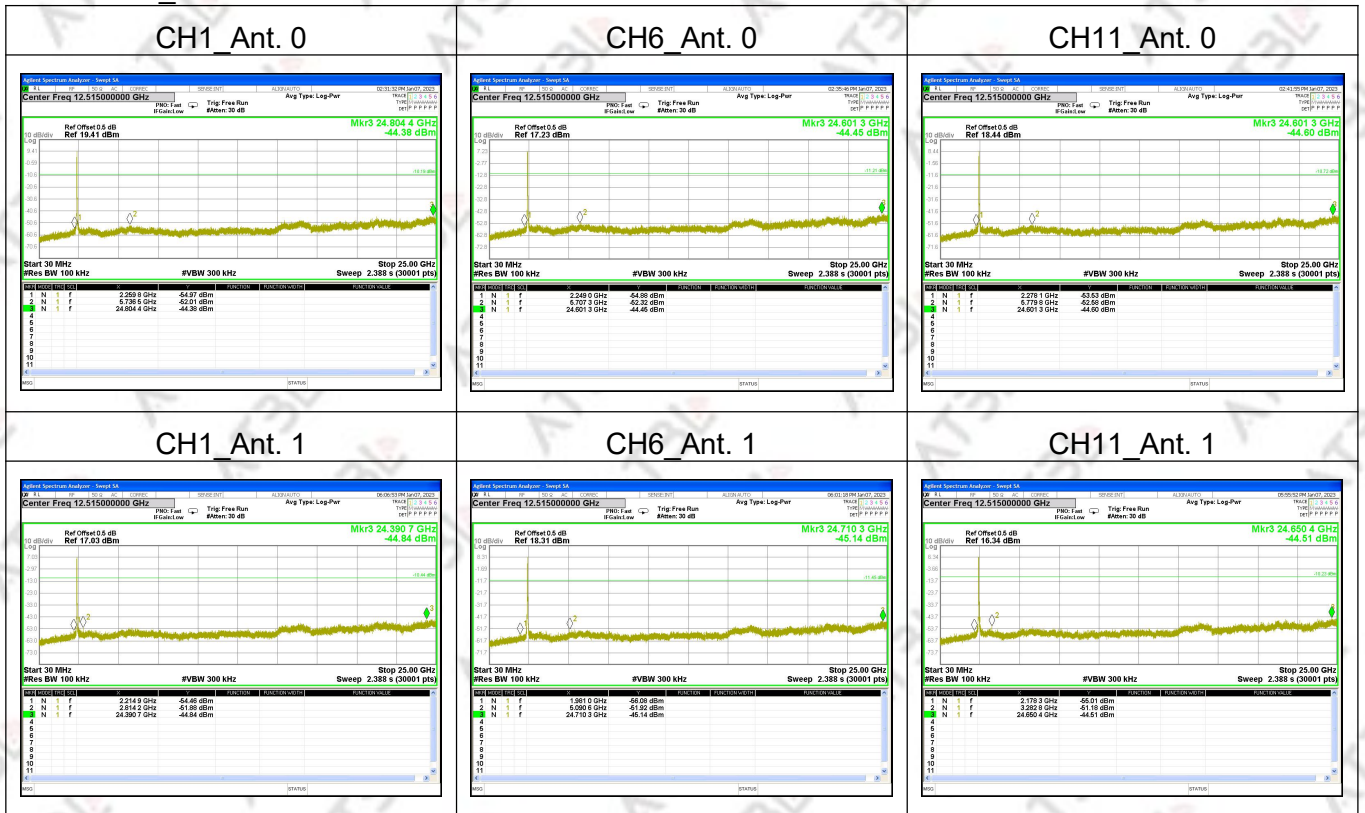


802.11g_MIMO

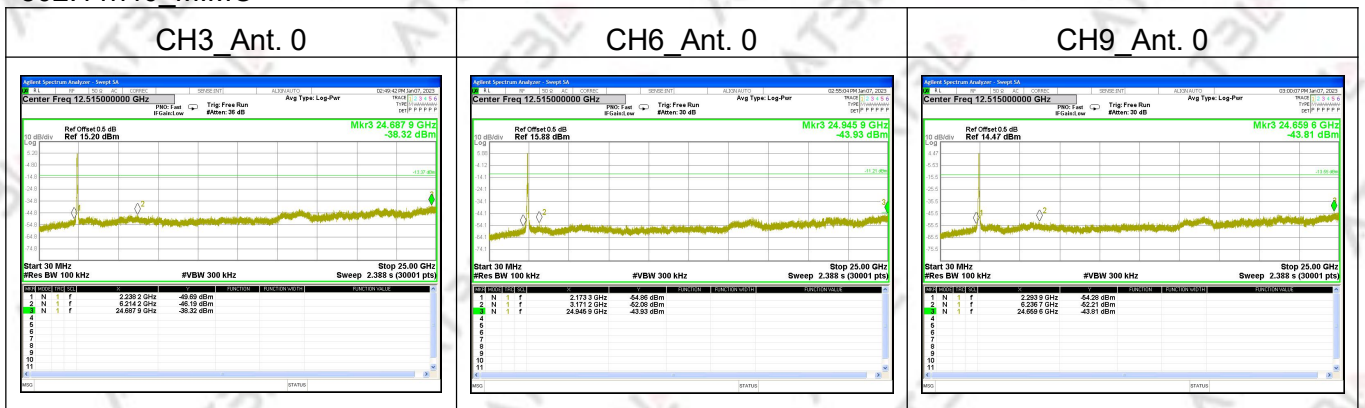


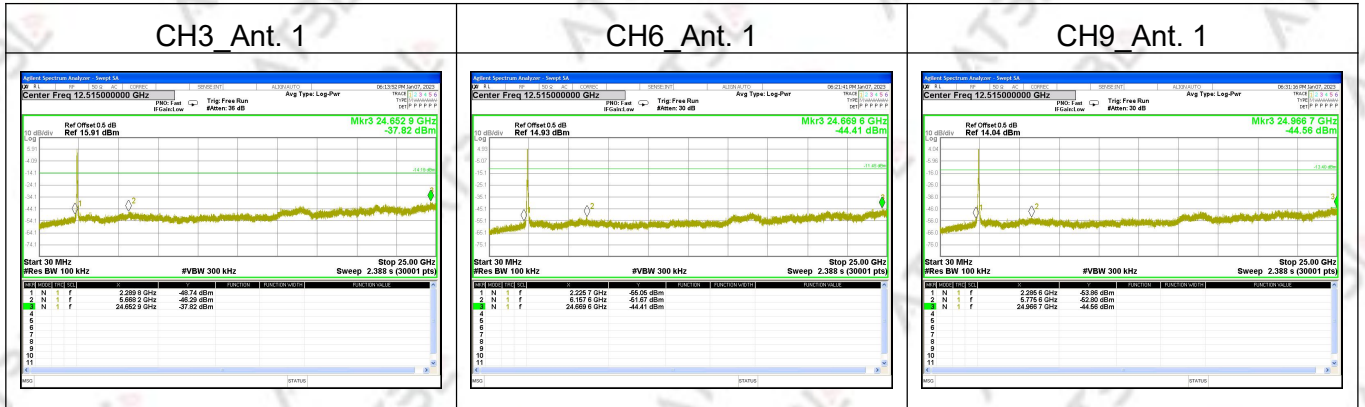


802.11n20_MIMO

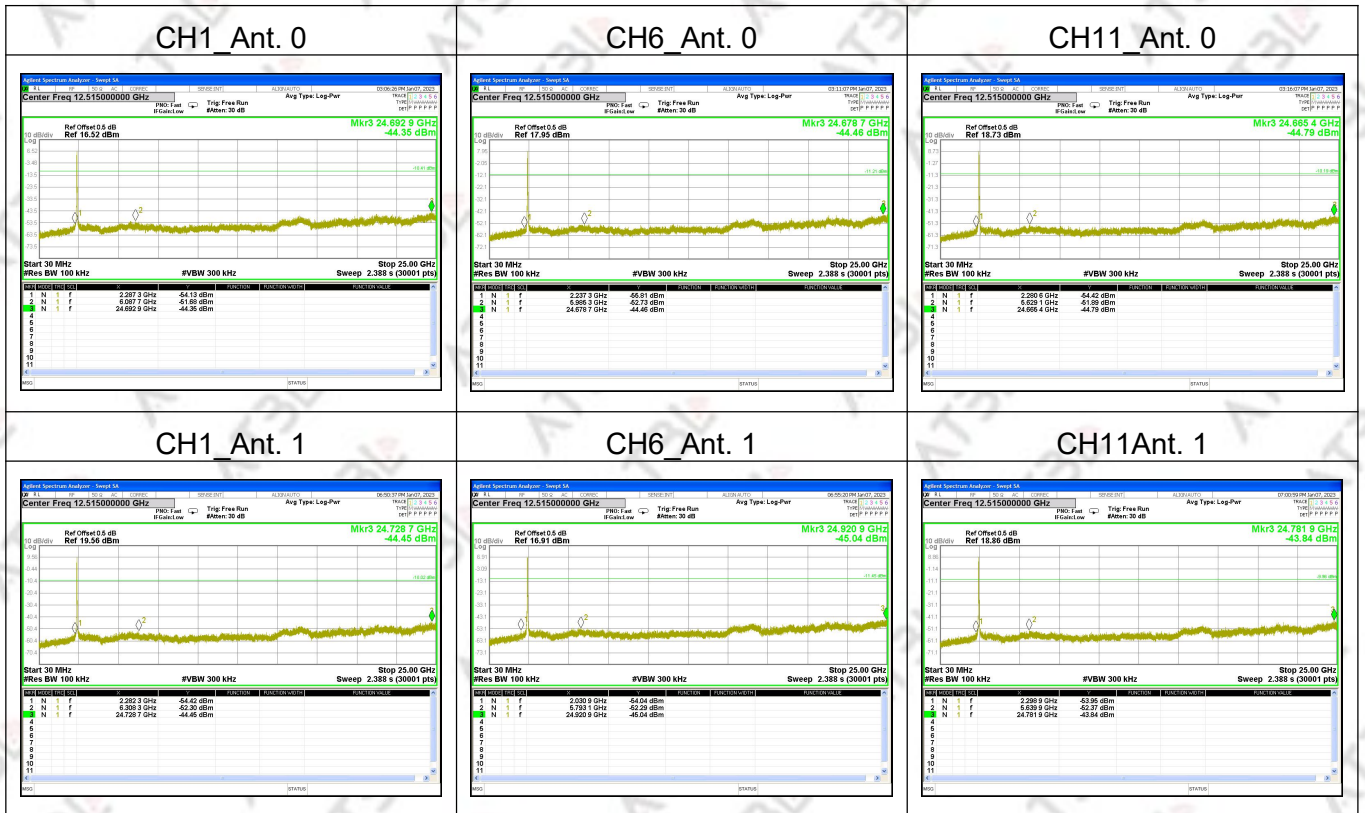


802.11n40_MIMO





802.11ax20



802.11ax40_MIMO

