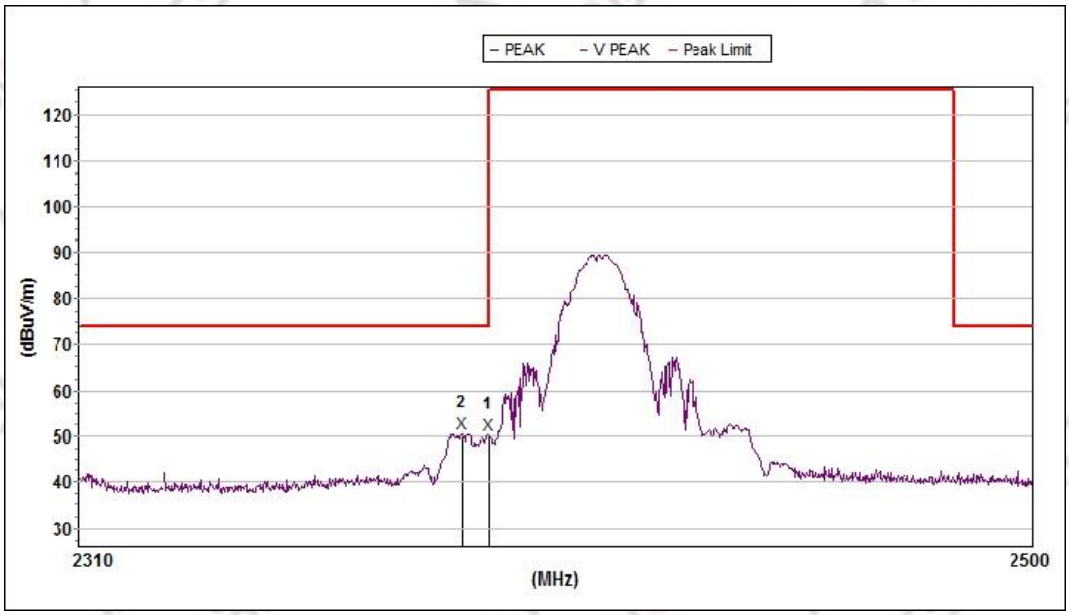
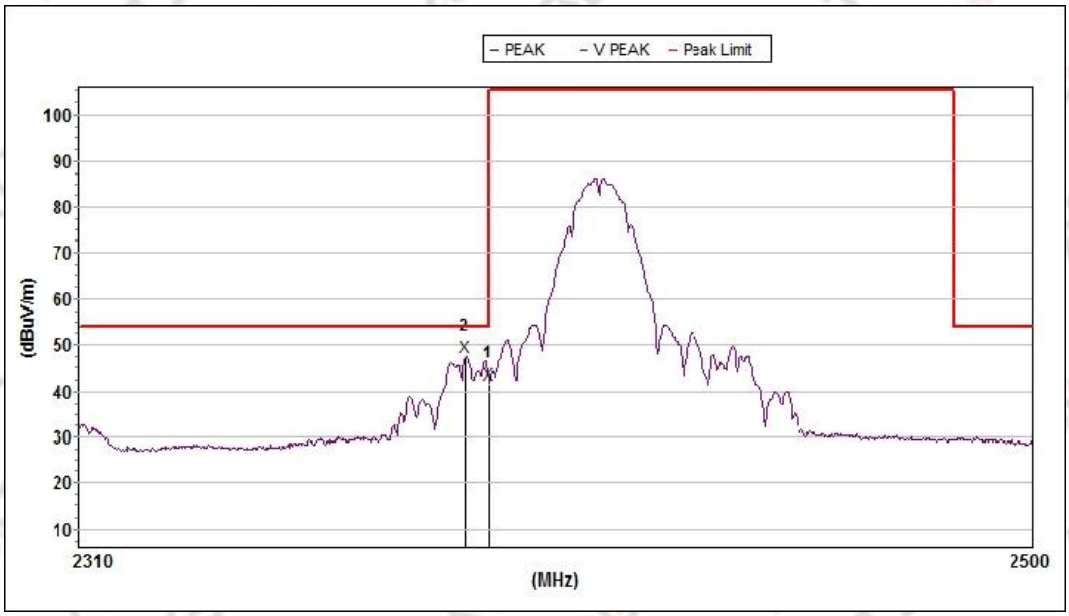
802.11b-Low

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2390.000000	50.4	74.0	23.6	27.3	59.6	2.8	V
2	2384.391250	50.6	74.0	23.4	27.3	59.6	2.8	V

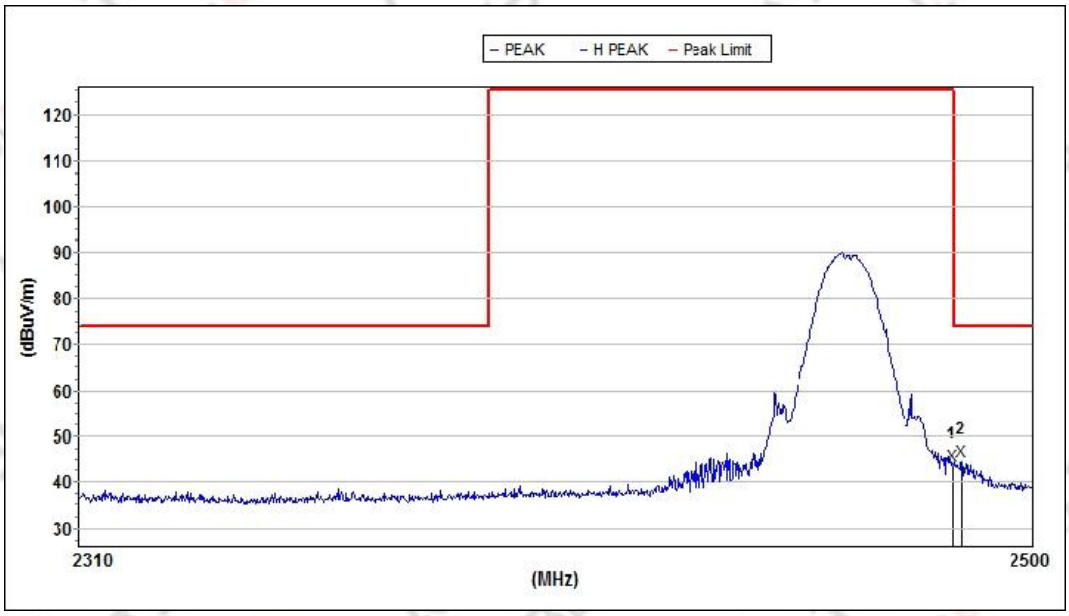
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2390.000000	41.6	54.0	12.4	27.3	59.6	2.8	V
2	2385.145249	47.5	54.0	6.5	27.3	59.6	2.8	V

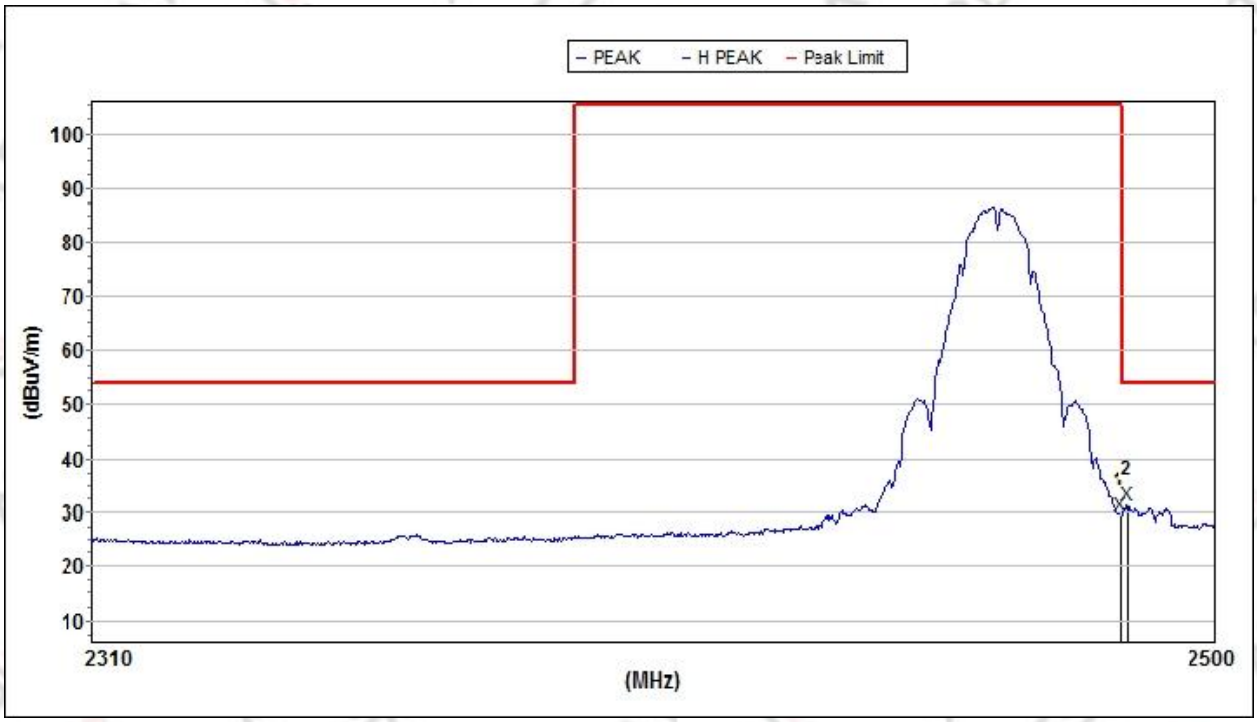
802.11b-High

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	43.7	74.0	30.3	27.7	58.9	2.8	H
2	2485.223242	44.8	74.0	29.2	27.7	58.9	2.8	H

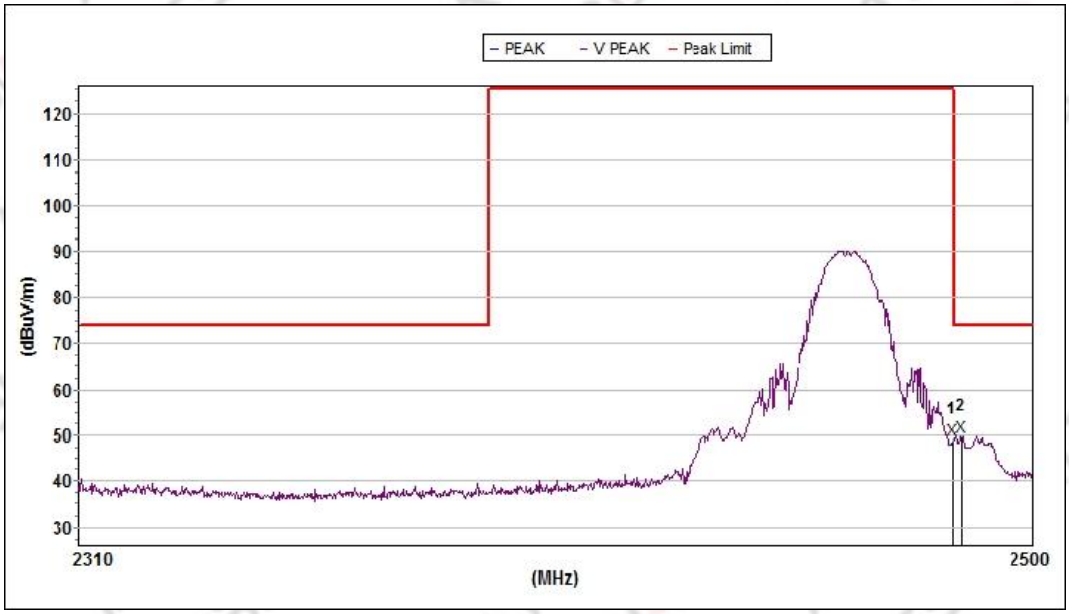
Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	29.4	54.0	24.6	27.7	58.9	2.8	H
2	2484.633992	31.3	54.0	22.7	27.7	58.9	2.8	H

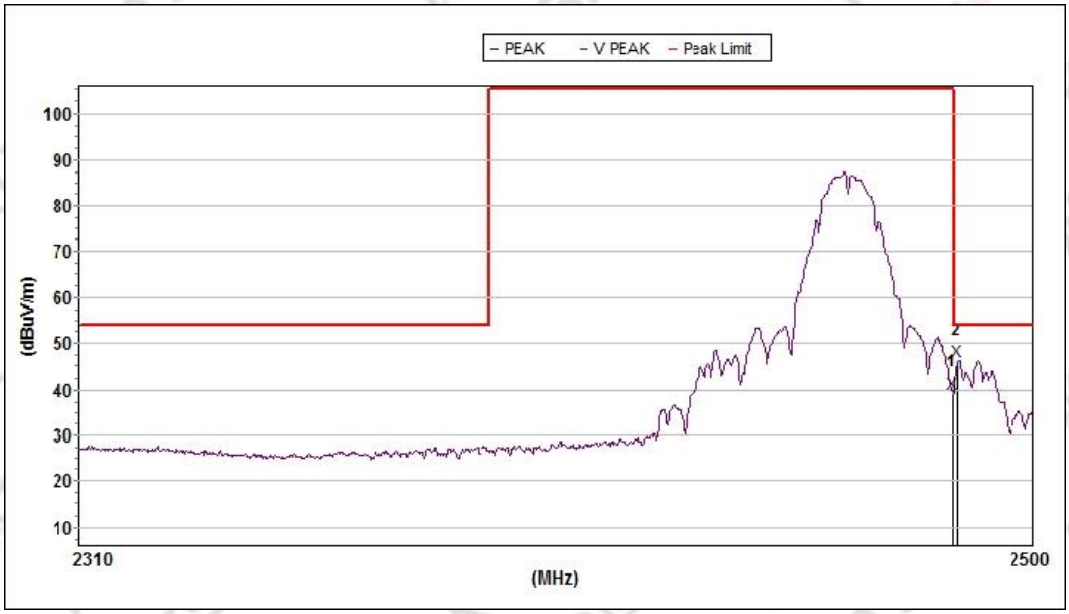
802.11b-High

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	49.1	74.0	24.9	27.7	58.9	2.8	V
2	2485.223242	49.8	74.0	24.2	27.7	58.9	2.8	V

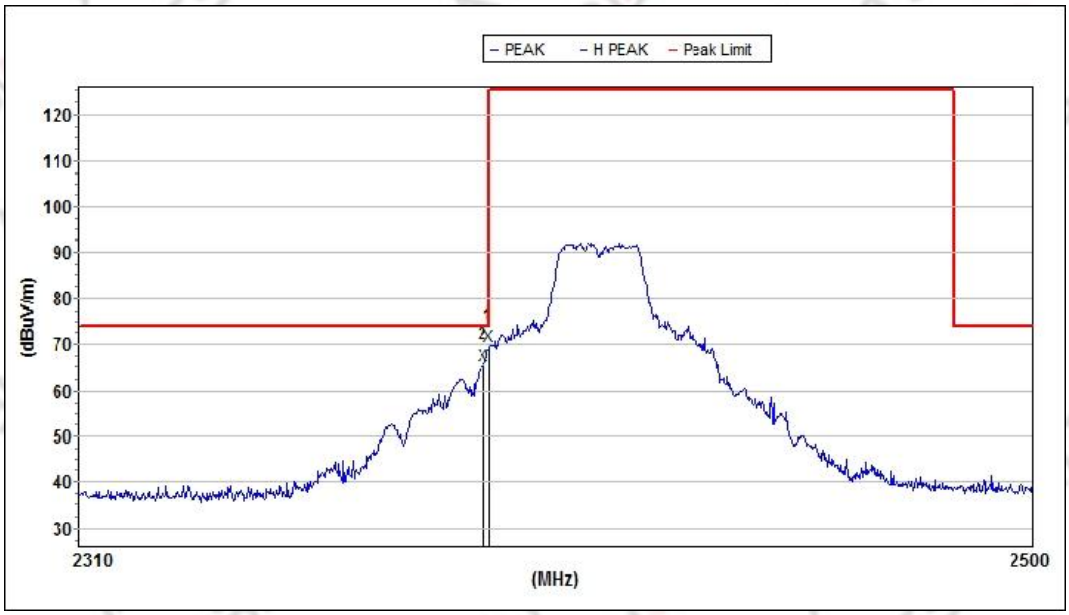
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	39.2	54.0	14.8	27.7	58.9	2.8	V
2	2484.437606	46.1	54.0	7.9	27.7	58.9	2.8	V

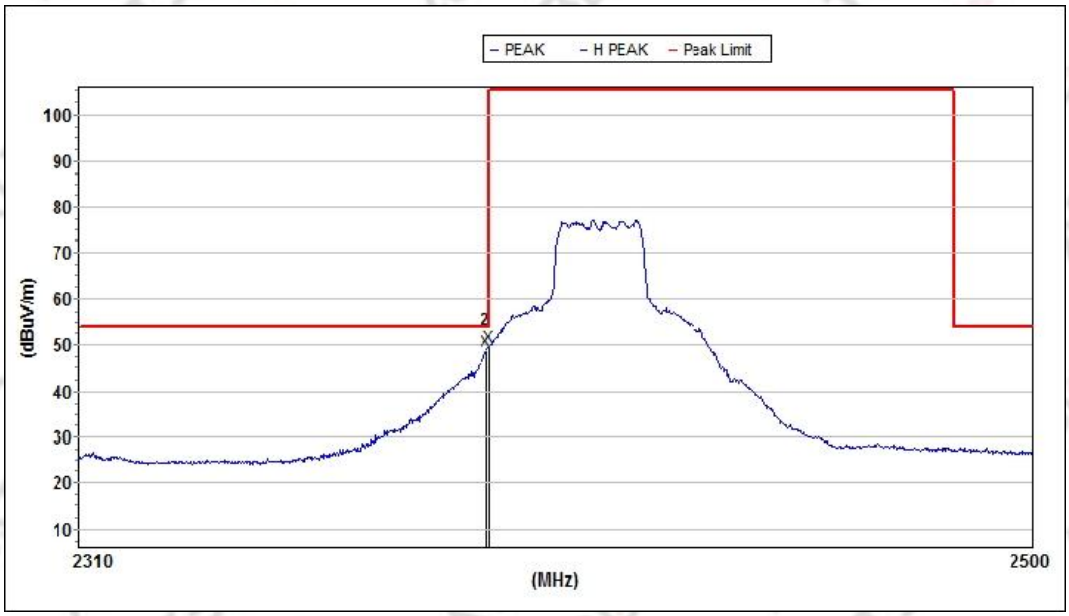
802.11g-Low

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2390.000000	69.6	74.0	4.4	27.3	59.6	2.8	H
2	2388.918822	65.5	74.0	8.5	27.3	59.6	2.8	H

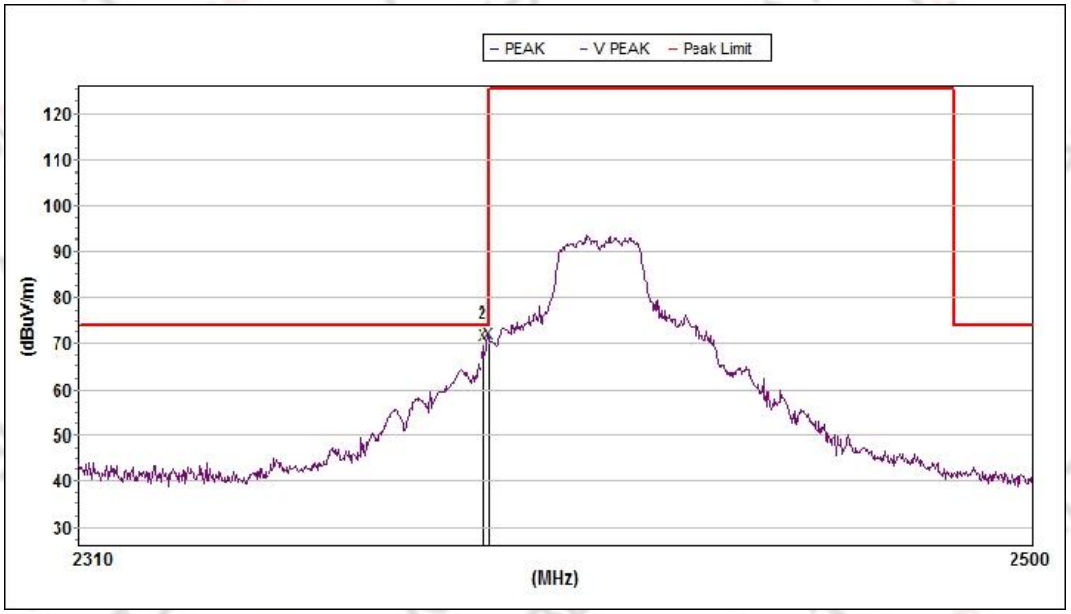
Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2390.000000	49.6	54.0	4.4	27.3	59.6	2.8	H
2	2389.296507	48.9	54.0	5.1	27.3	59.6	2.8	H

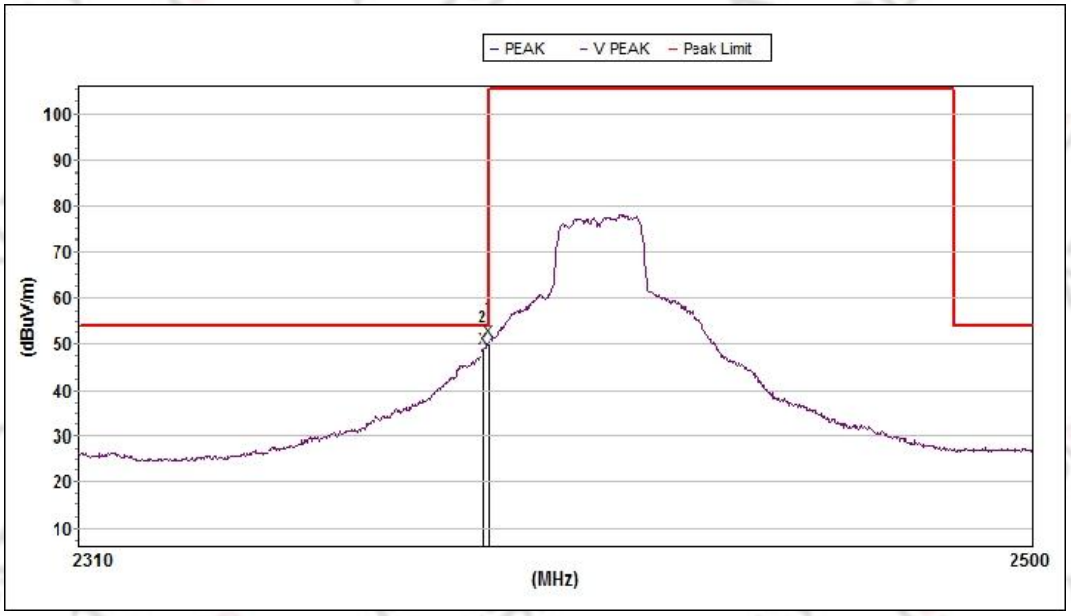
802.11g-Low

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2390.000000	70.1	74.0	3.9	27.3	59.6	2.8	V
2	2388.730001	69.6	74.0	4.4	27.3	59.6	2.8	V

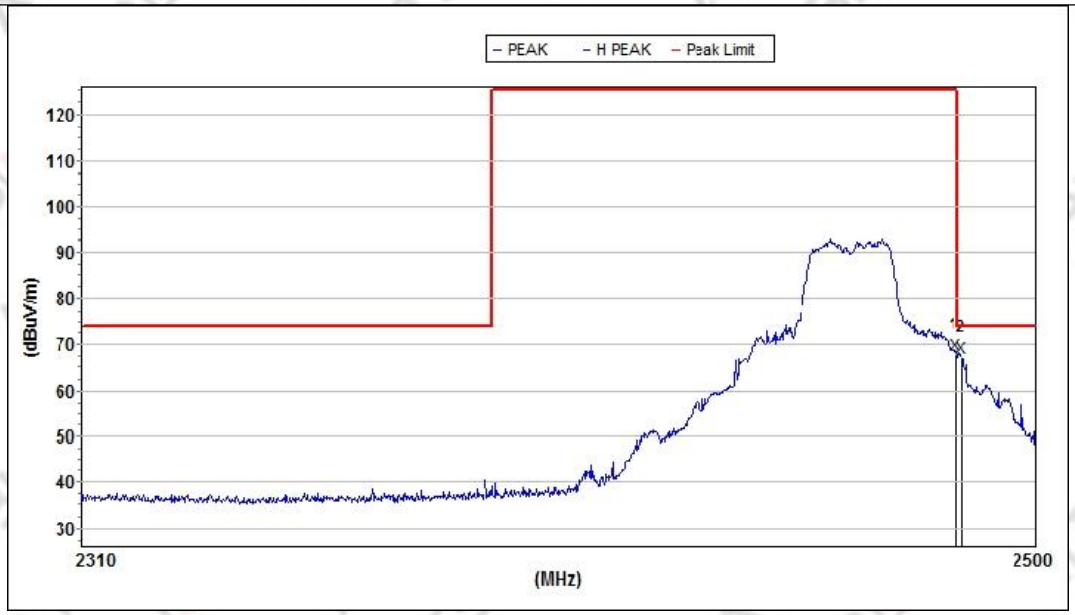
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2390.000000	50.8	54.0	3.2	27.3	59.6	2.8	V
2	2388.918822	49.0	54.0	5.0	27.3	59.6	2.8	V

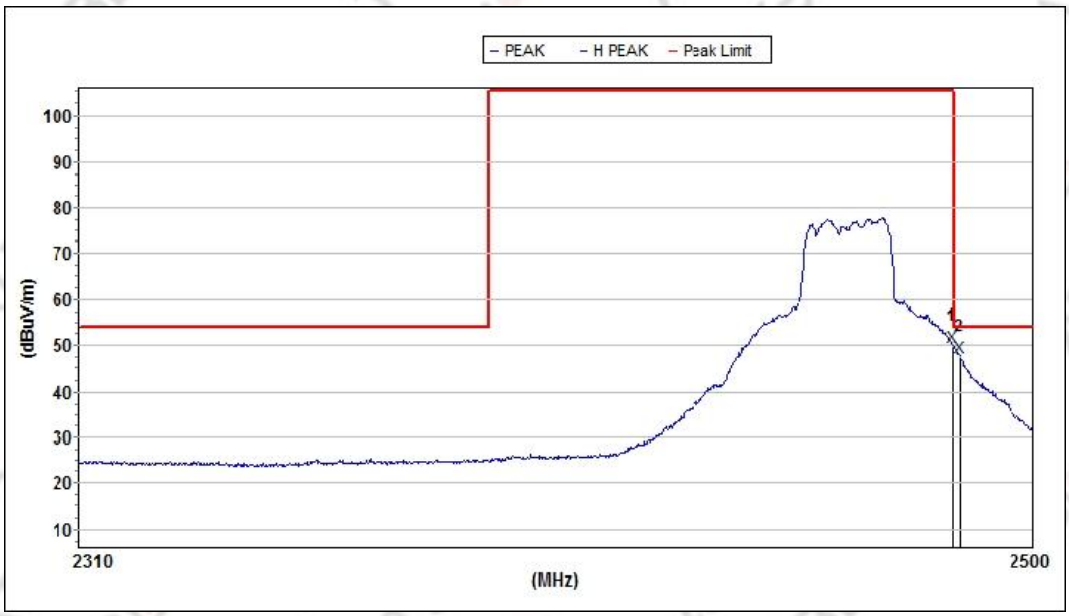
802.11g-High

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	67.7	74.0	6.3	27.7	58.9	2.8	H
2	2484.633992	67.0	74.0	7.0	27.7	58.9	2.8	H

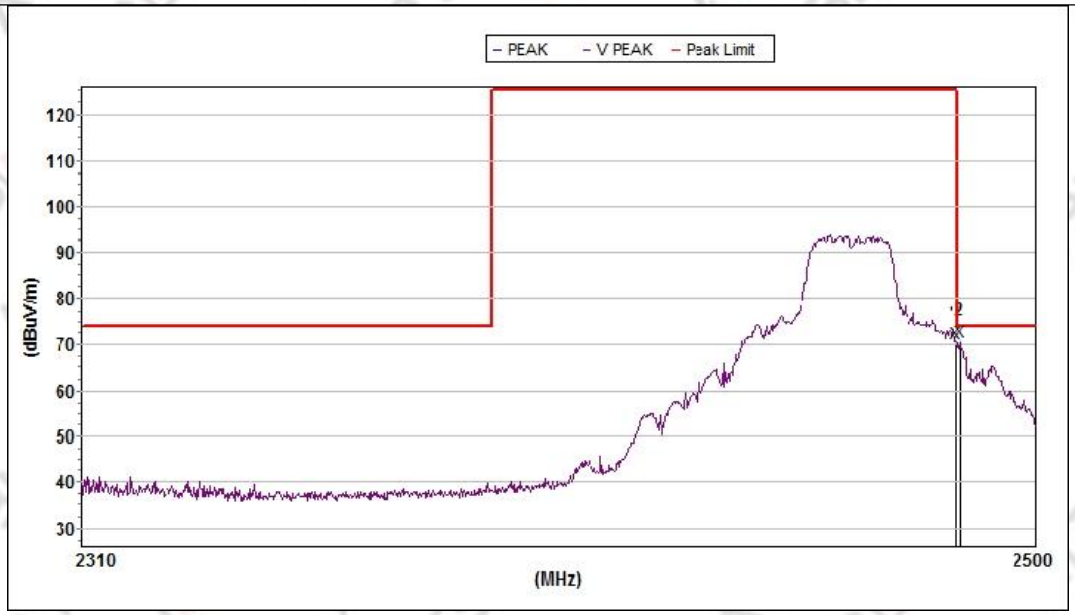
Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	49.9	54.0	4.1	27.7	58.9	2.8	H
2	2485.026810	47.3	54.0	6.7	27.7	58.9	2.8	H

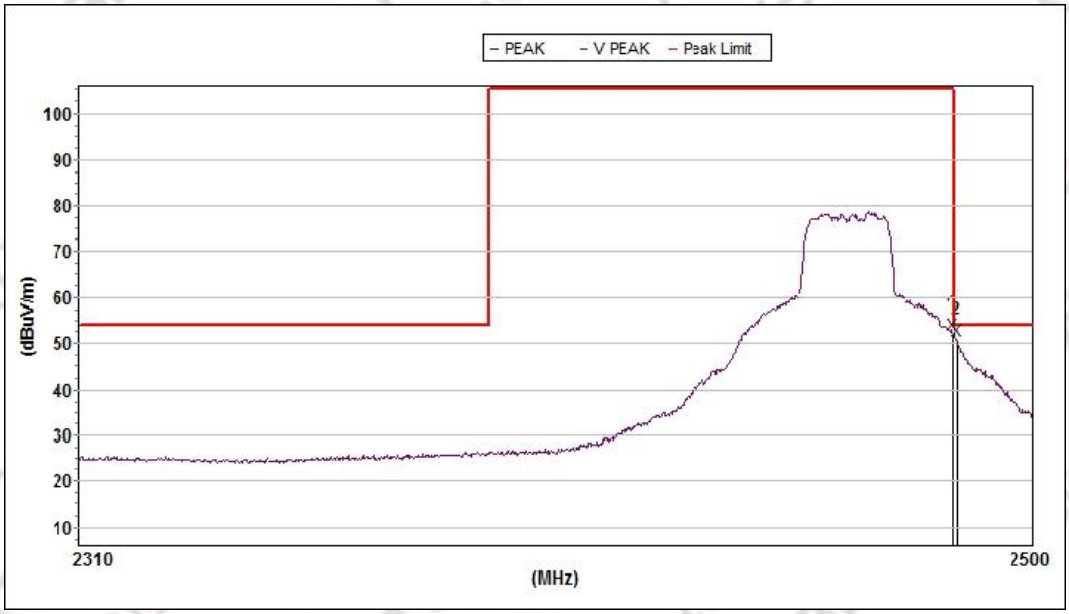
802.11g-High

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	70.3	74.0	3.7	27.7	58.9	2.8	V
2	2484.241236	70.7	74.0	3.3	27.7	58.9	2.8	V

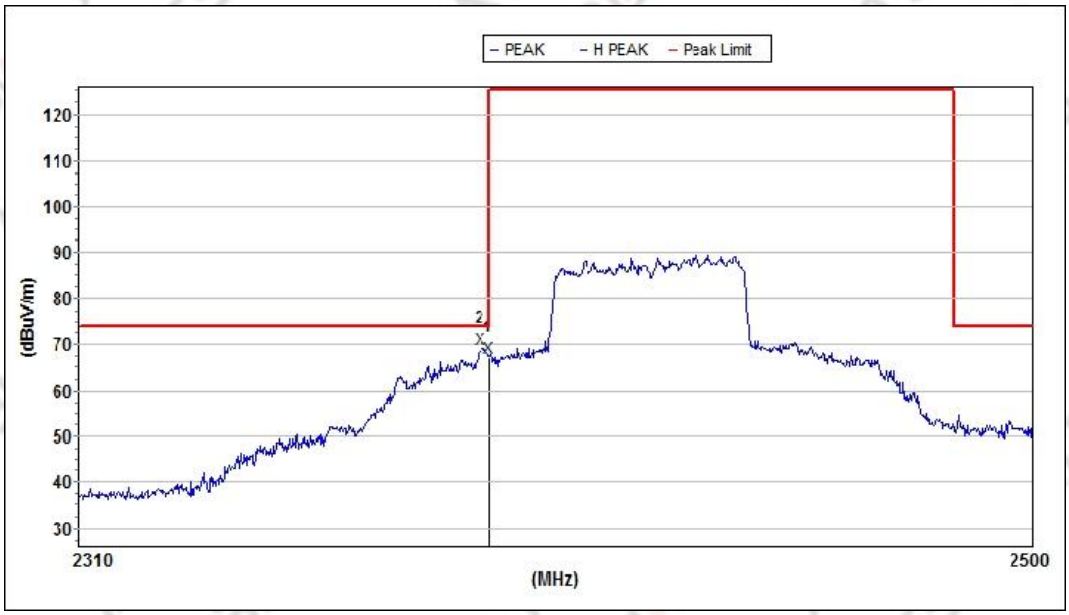
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	51.9	54.0	2.1	27.7	58.9	2.8	V
2	2484.241236	50.8	54.0	3.2	27.7	58.9	2.8	V

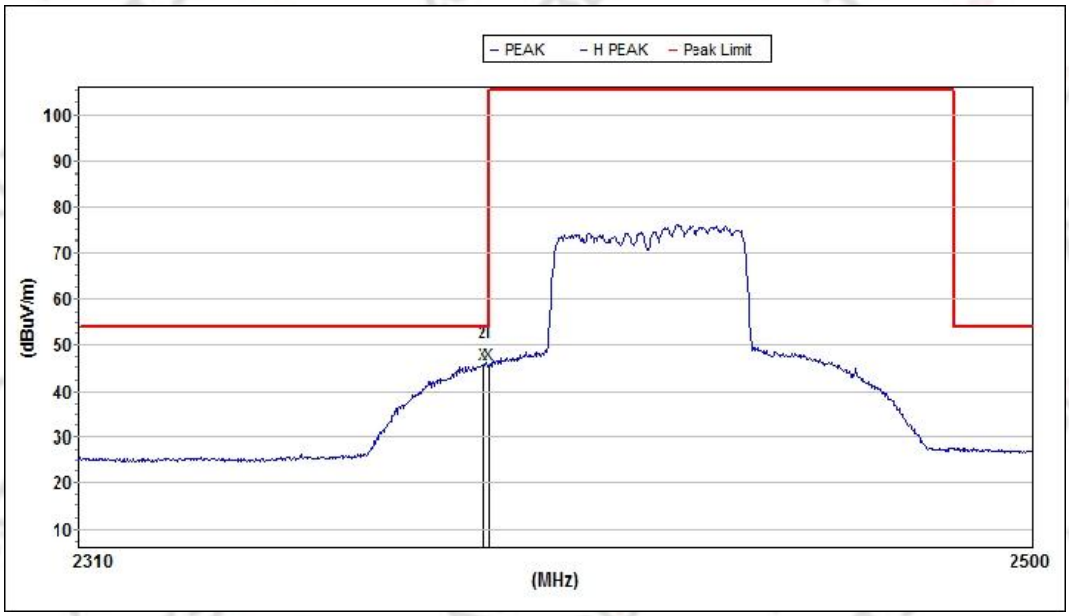
802.11ax40-Low

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2390.000000	67.0	74.0	7.0	27.3	59.6	2.8	H
2	2388.352405	69.2	74.0	4.8	27.3	59.6	2.8	H

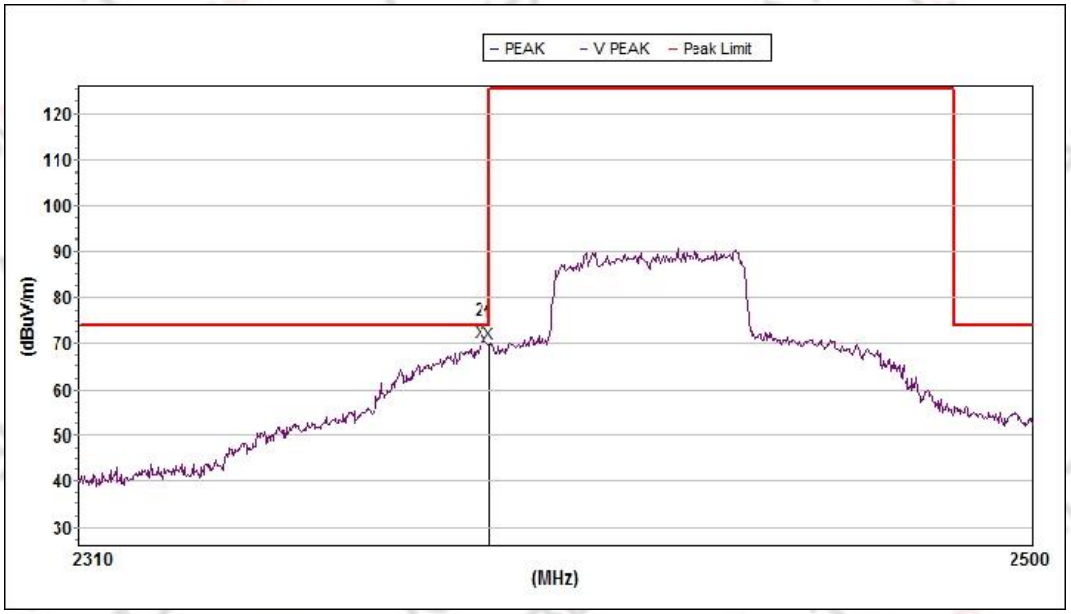
Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2390.000000	45.8	54.0	8.2	27.3	59.6	2.8	H
2	2388.730001	45.8	54.0	8.2	27.3	59.6	2.8	H

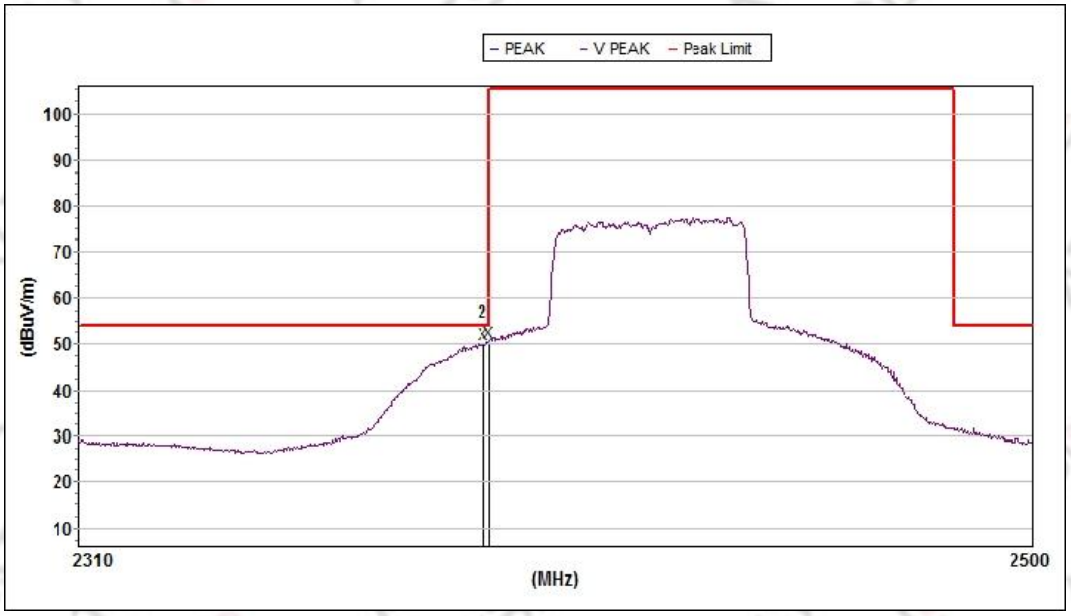
802.11ax40-Low

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2390.000000	70.0	74.0	4.0	27.3	59.6	2.8	V
2	2388.352405	70.3	74.0	3.7	27.3	59.6	2.8	V

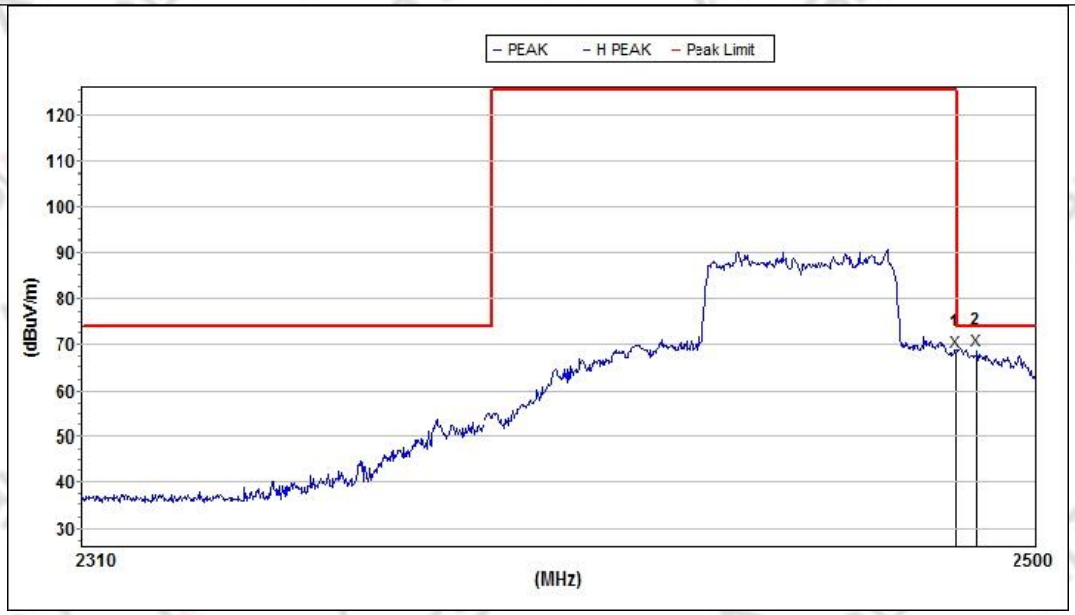
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2390.000000	50.4	54.0	3.6	27.3	59.6	2.8	V
2	2388.918822	50.2	54.0	3.8	27.3	59.6	2.8	V

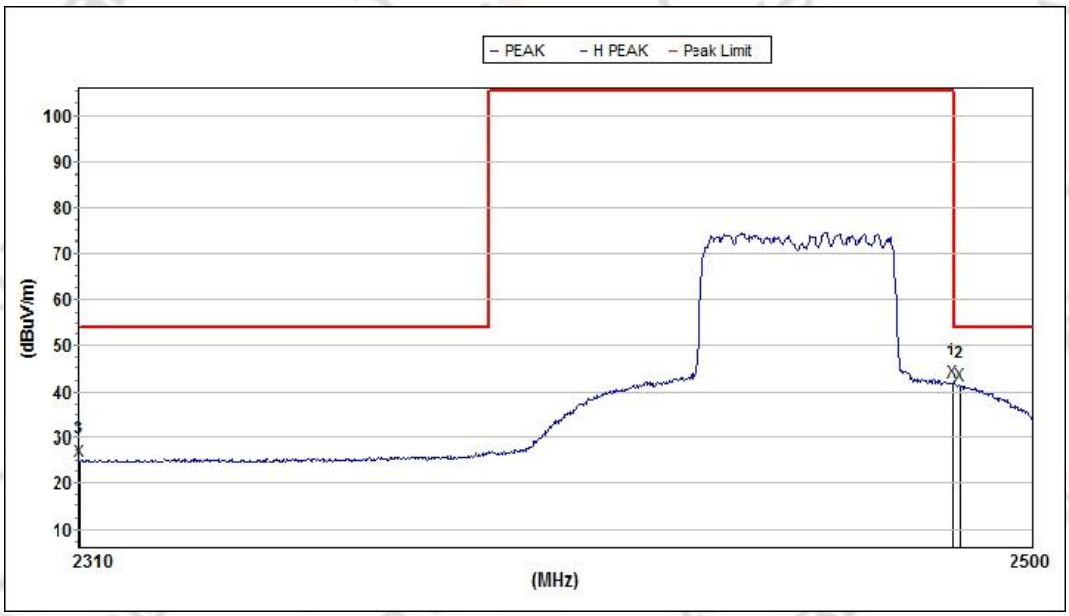
802.11ax40-High

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	68.5	74.0	5.5	27.7	58.9	2.8	H
2	2487.778275	68.9	74.0	5.1	27.7	58.9	2.8	H

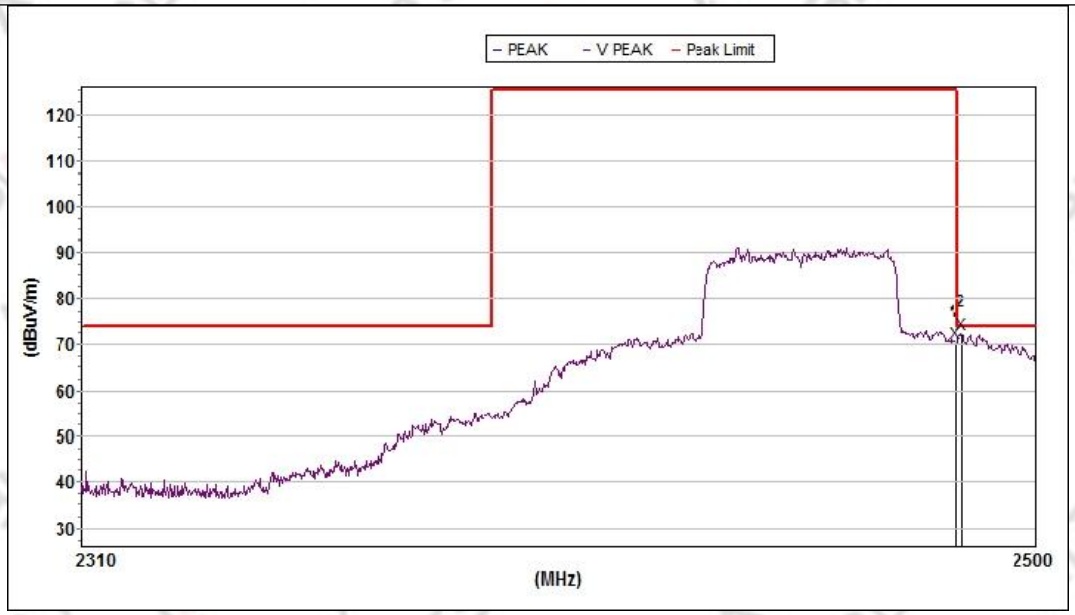
Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	42.3	54.0	11.7	27.7	58.9	2.8	H
2	2485.026810	41.5	54.0	12.5	27.7	58.9	2.8	H

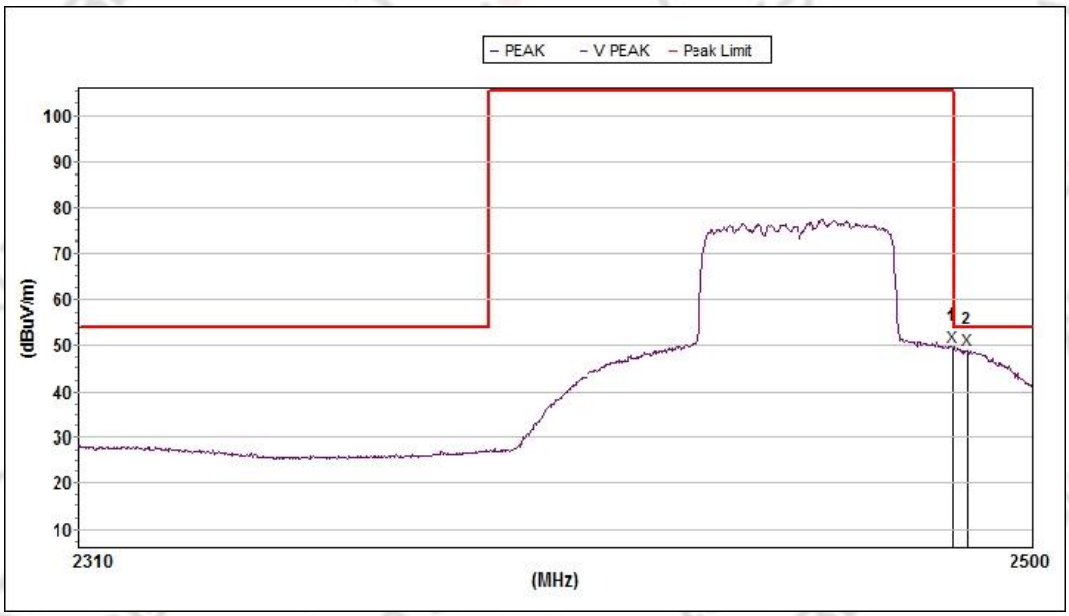
802.11ax40-High

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	2483.501000	70.5	74.0	3.5	27.7	58.9	2.8	V
2	2484.633992	72.4	74.0	1.6	27.7	58.9	2.8	V

Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	2483.501000	49.7	54.0	4.3	27.7	58.9	2.8	V
2	2486.598703	49.2	54.0	4.8	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.

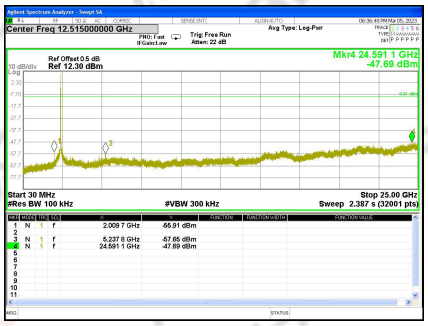
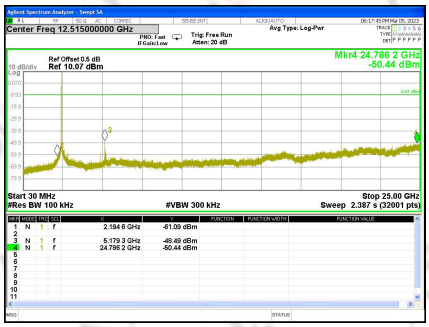
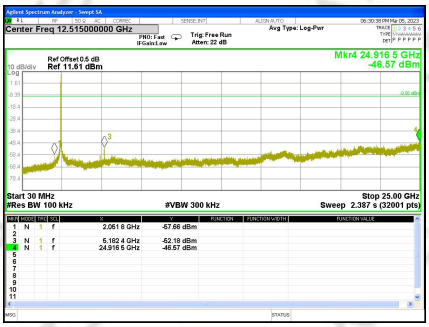
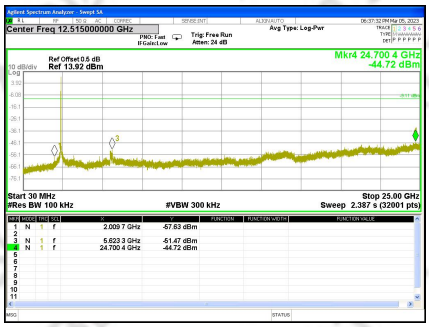
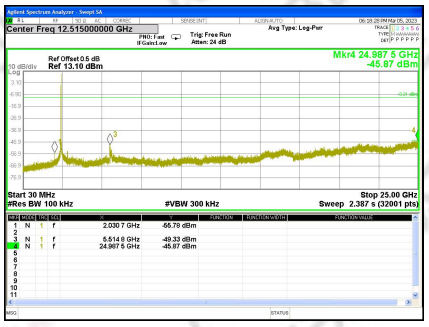
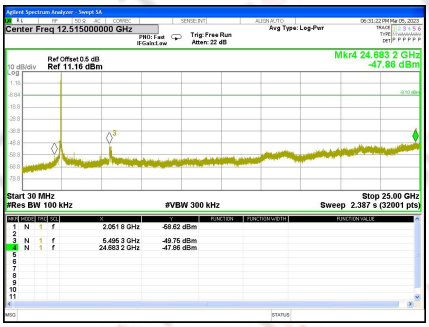
4.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

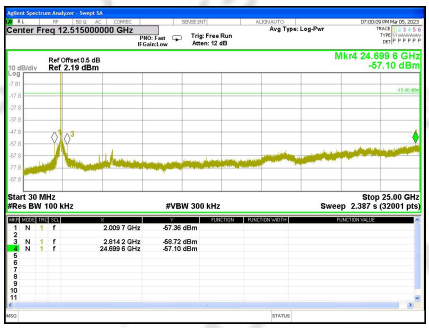
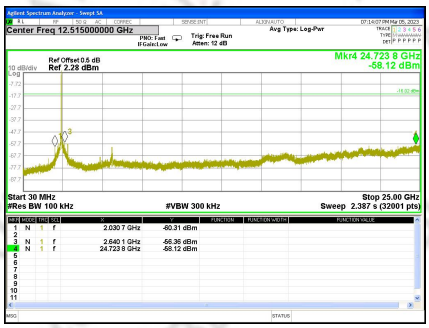
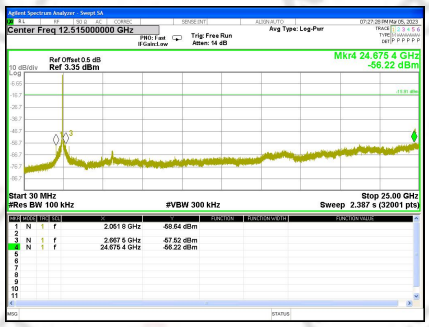
4.6 TEST RESULTS

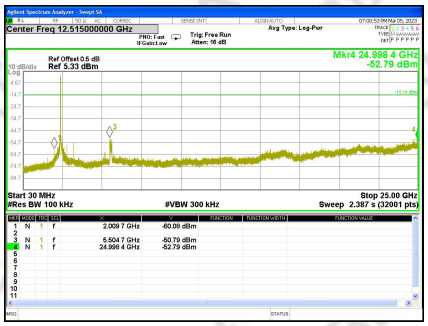
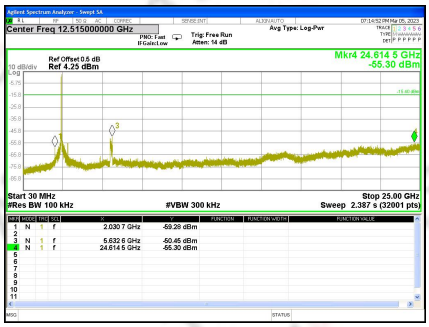
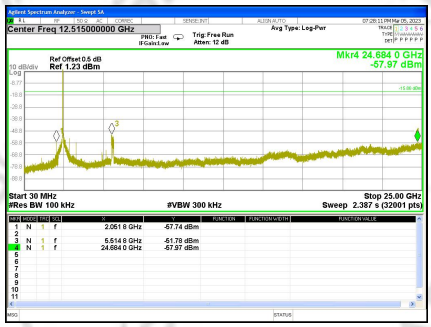
Temperature:	25℃	Relative Humidity:	50%RH
Test Voltage:	AC 120V/60Hz	Test Mode:	TX

802.11b_MIMO

CH1_Ant. 0	CH6_Ant. 0	CH11_Ant. 0
		
CH1_Ant. 1	CH6_Ant. 1	CH11_Ant. 1
		

802.11g_MIMO

CH1_Ant. 0	CH6_Ant. 0	CH11_Ant. 0
		

CH1_Ant. 1	CH6_Ant. 1	CH11_Ant. 1
		

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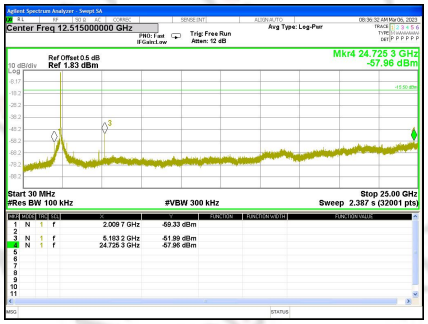
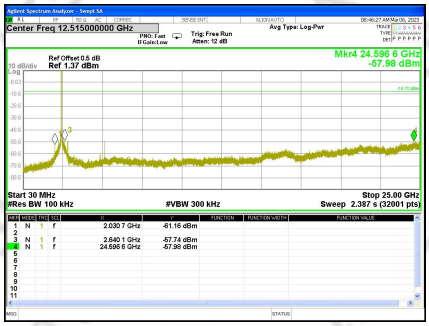
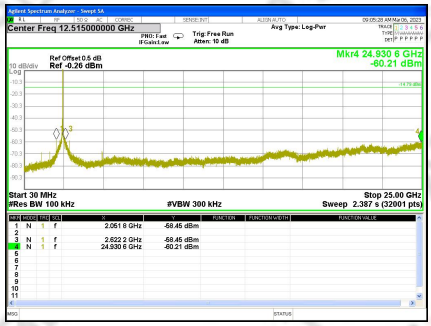
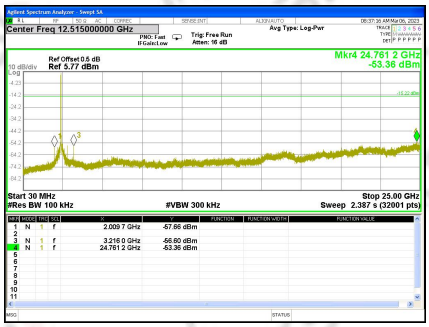
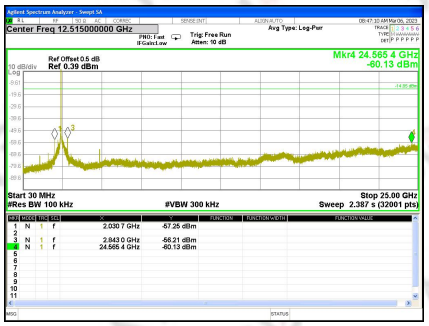
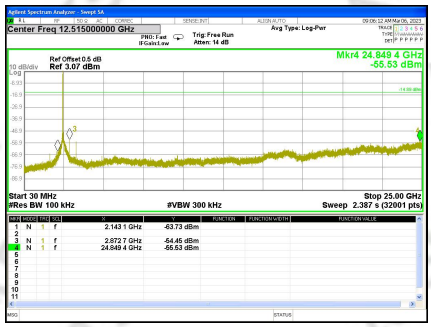
		

CH1_Ant. 1	CH6_Ant. 1	CH11_Ant. 1
		

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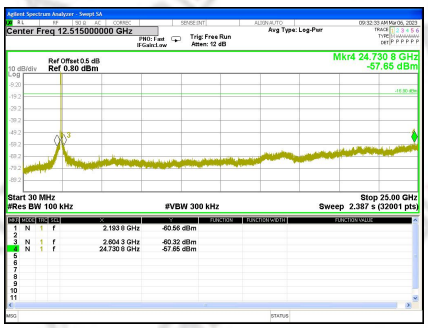
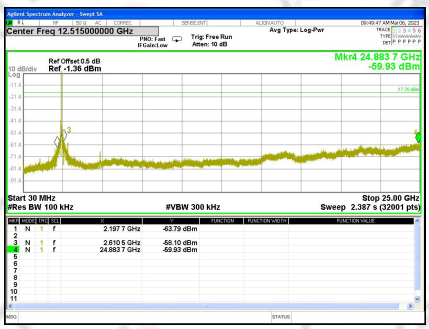
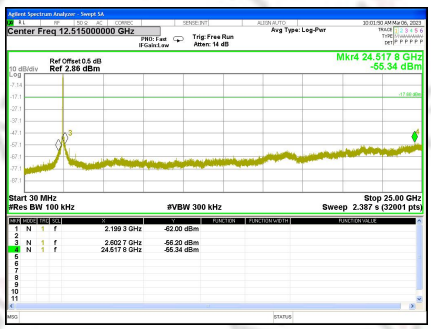
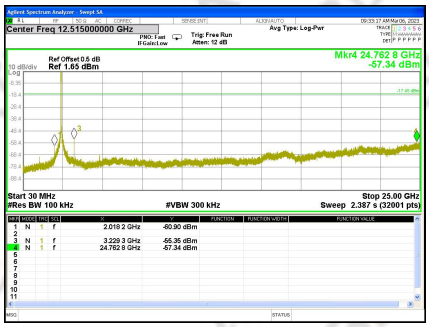
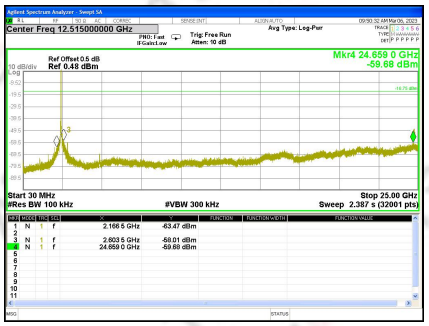
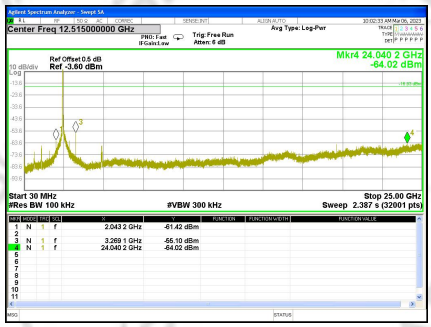
CH3_Ant. 0	CH6_Ant. 0	CH9_Ant. 0
		

CH3_Ant. 1	CH6_Ant. 1	CH9_Ant. 1
		

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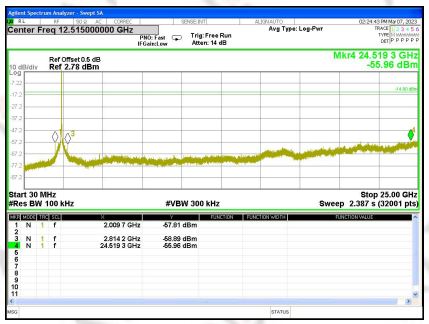
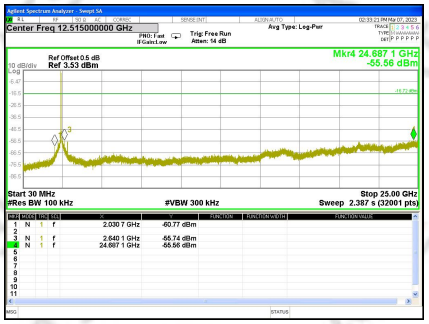
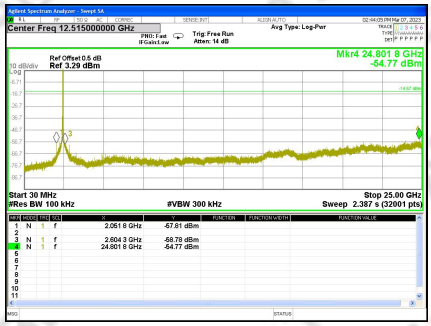
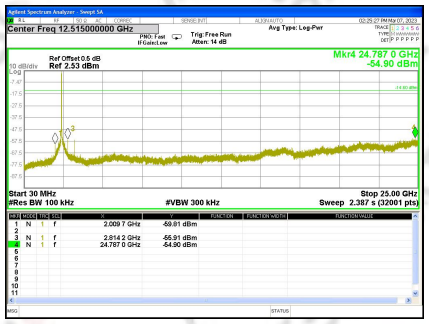
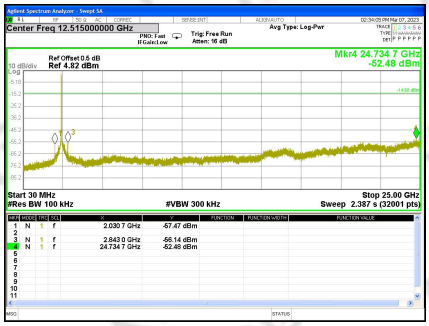
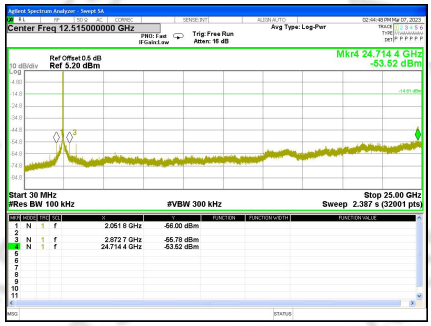
CH1_Ant. 0	CH6_Ant. 0	CH11_Ant. 0
		

CH1_Ant. 1	CH6_Ant. 1	CH11Ant. 1
		

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CH3_Ant. 0	CH6_Ant. 0	CH9_Ant. 0