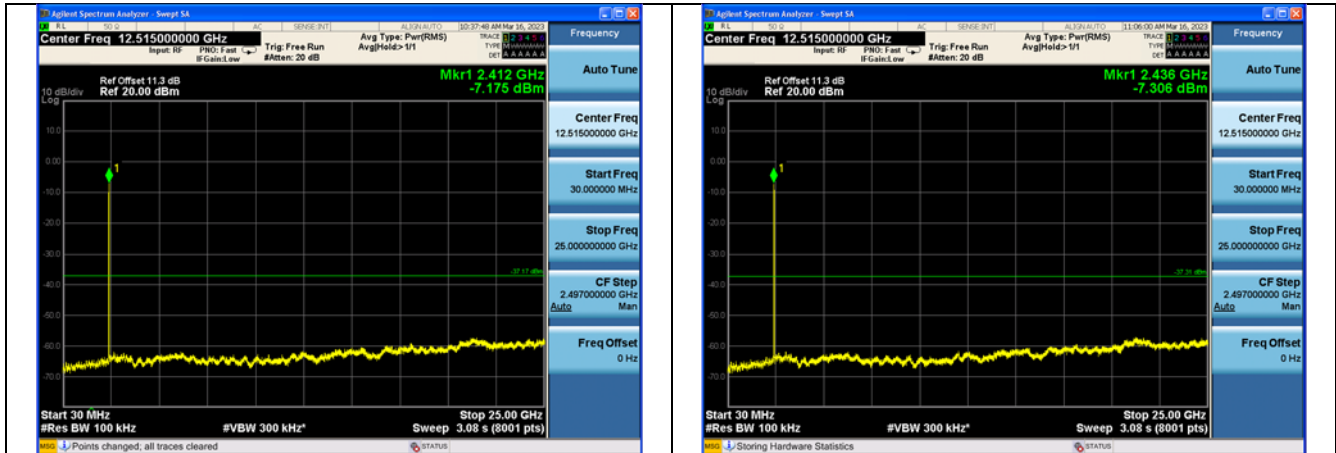


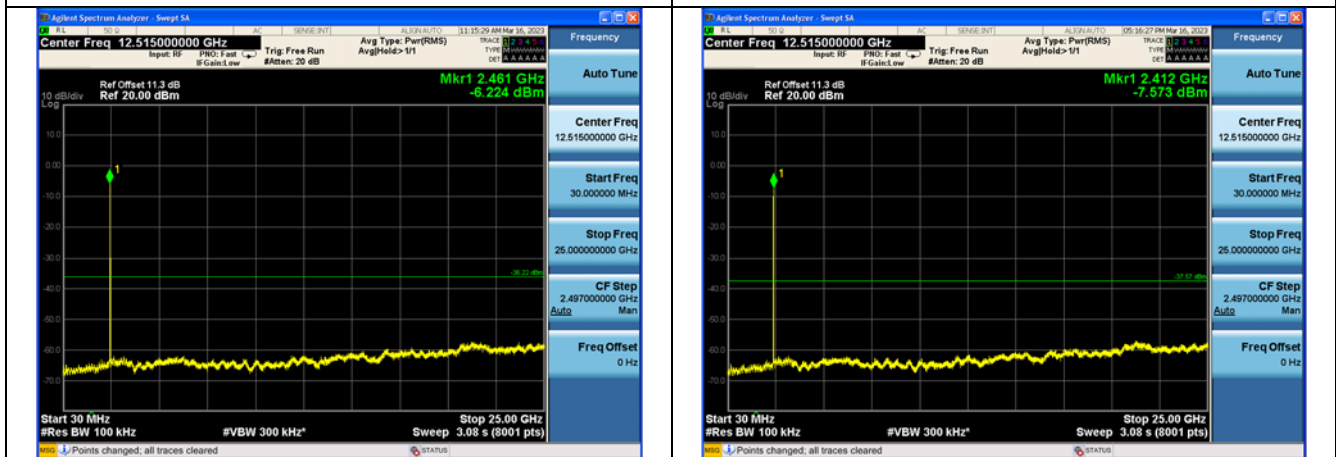
Conducted Out of band emission measurement

Test Mode: 802.11b



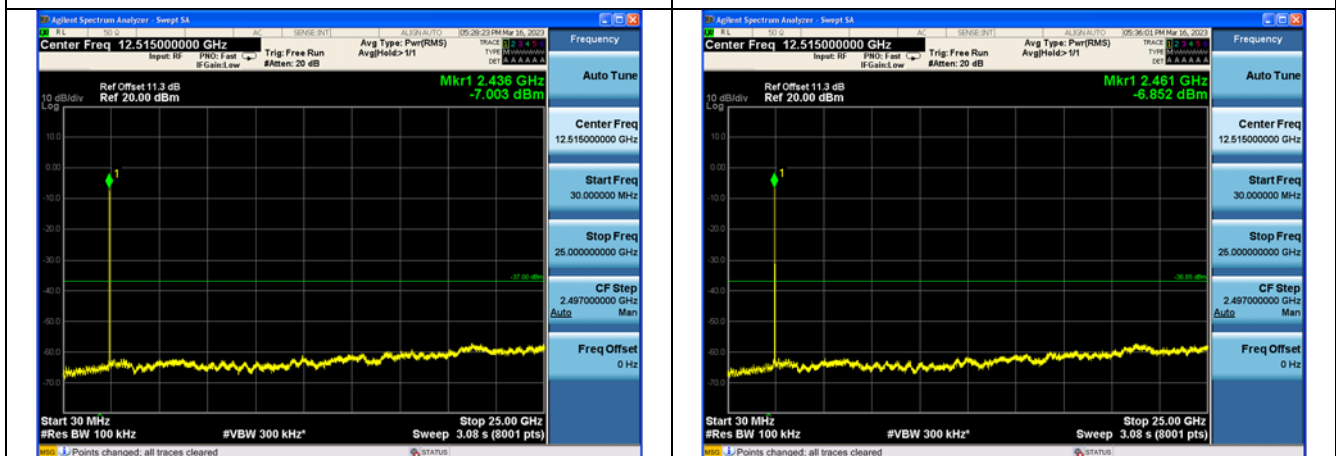
Test Mode:802.11b 2412MHz Chain0

Test Mode:802.11b 2437MHz Chain0



Test Mode:802.11b 2462MHz Chain0

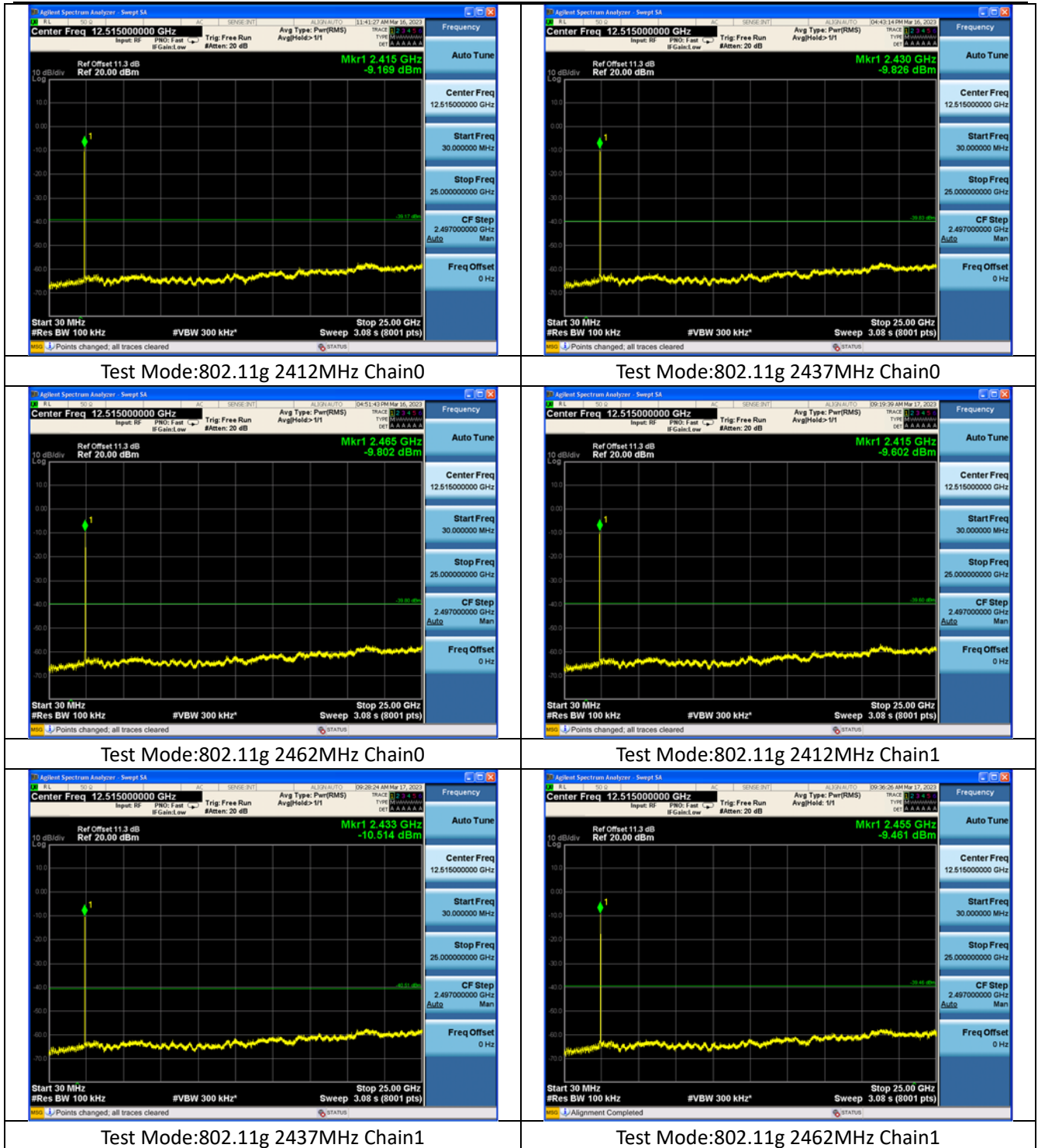
Test Mode:802.11b 2412MHz Chain1



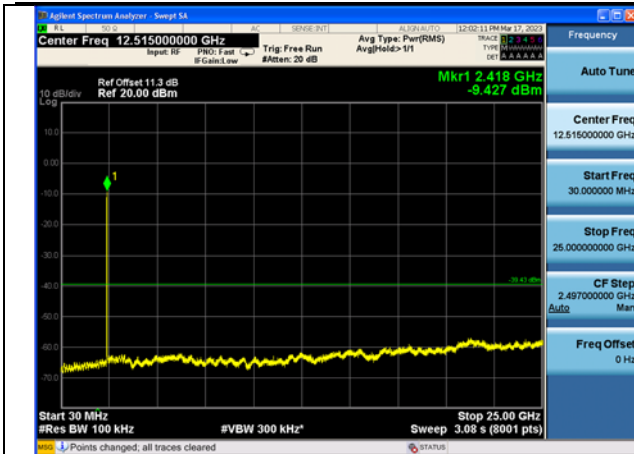
Test Mode:802.11b 2437MHz Chain1

Test Mode:802.11b 2462MHz Chain1

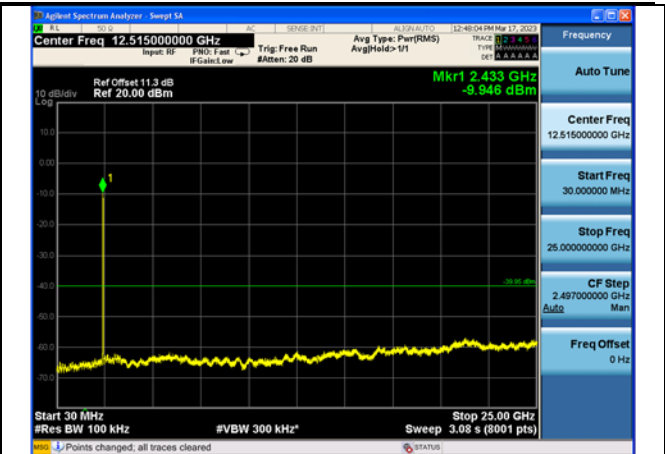
Test Mode: 802.11g



Test Mode: 802.11n HT20



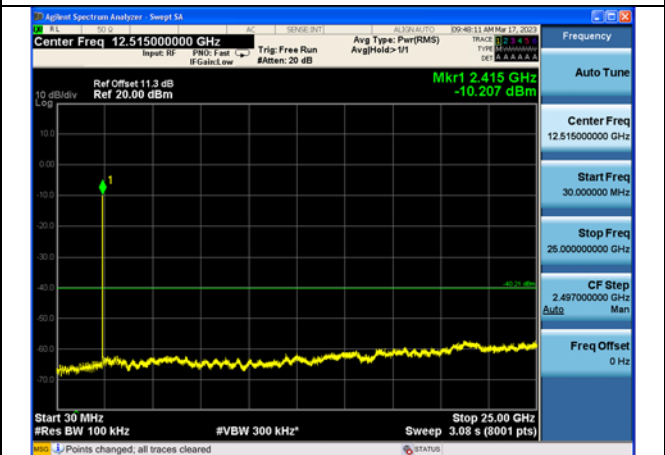
Test Mode:802.11n HT20 2412MHz Chain0



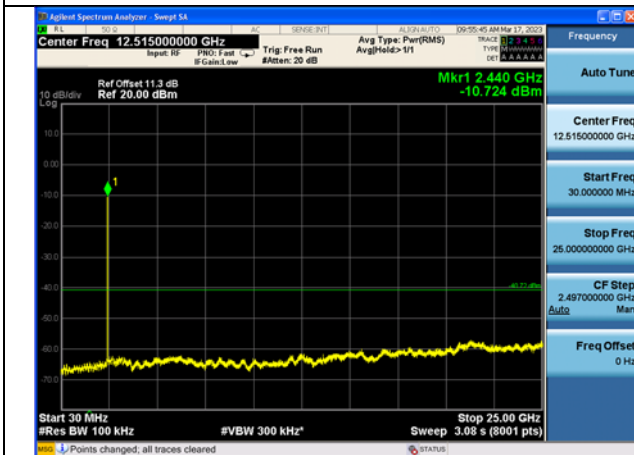
Test Mode:802.11n HT20 2437MHz Chain0



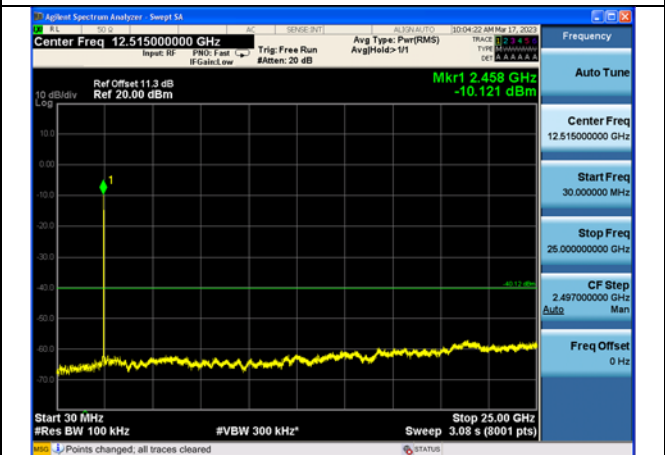
Test Mode:802.11n HT20 2462MHz Chain0



Test Mode:802.11n HT20 2412MHz Chain1

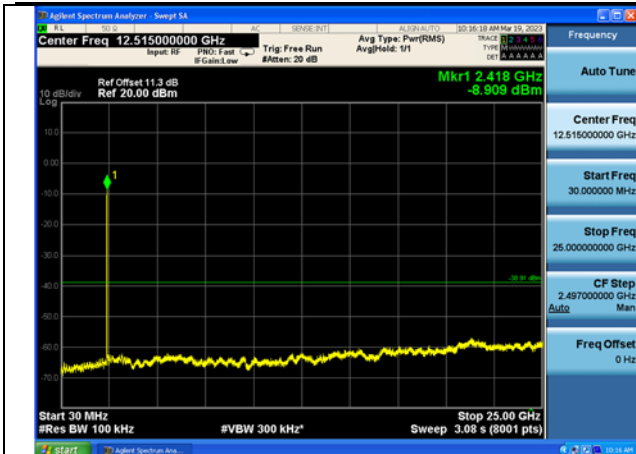


Test Mode:802.11n HT20 2437MHz Chain1

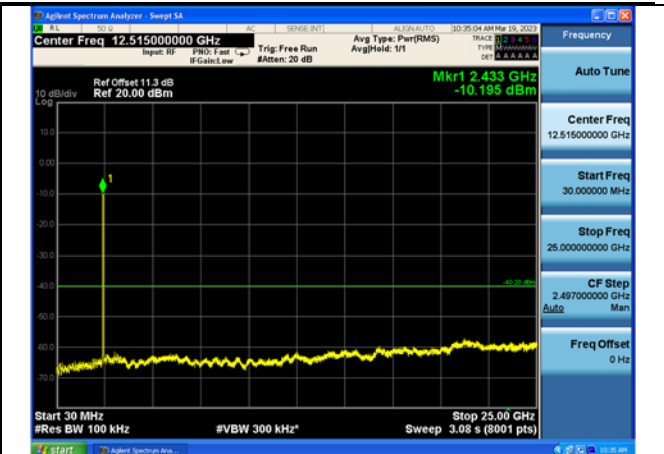


Test Mode:802.11n HT20 2462MHz Chain1

Test Mode: 802.11ax HE20



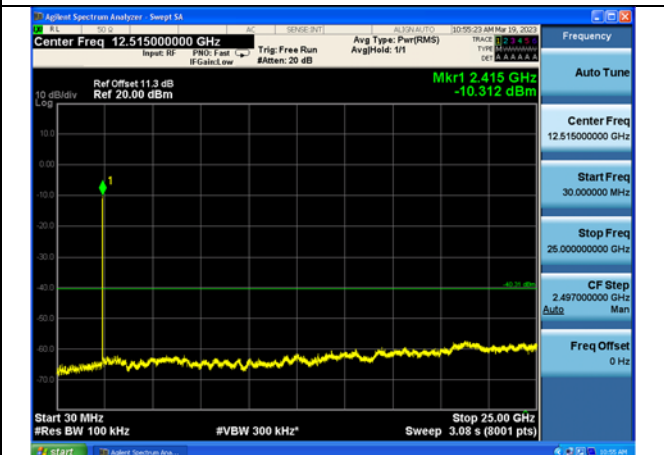
Test Mode:802.11ax HE20 2412MHz Chain0



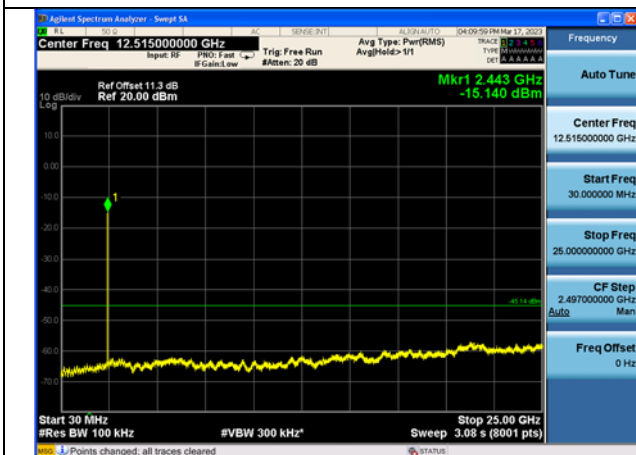
Test Mode:802.11ax HE20 2437MHz Chain0



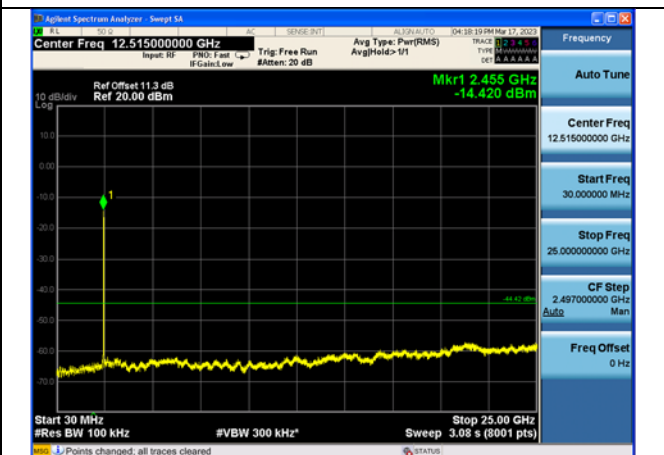
Test Mode:802.11ax HE20 2462MHz Chain0



Test Mode:802.11ax HE20 2412MHz Chain1

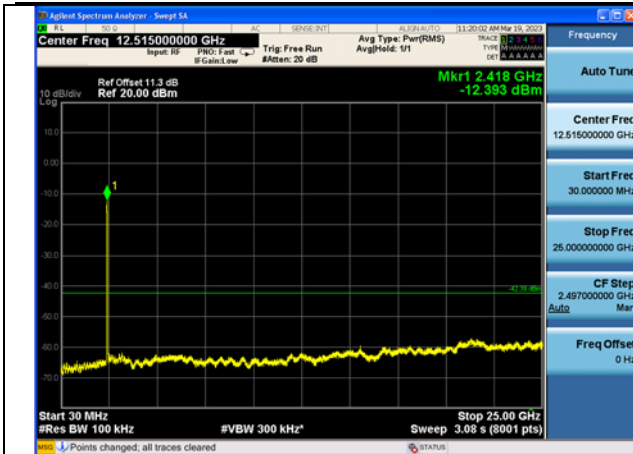


Test Mode:802.11ax HE20 2437MHz Chain1

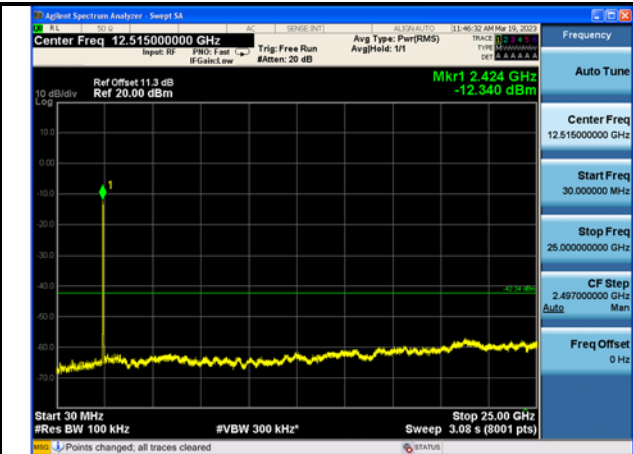


Test Mode:802.11ax HE20 2462MHz Chain1

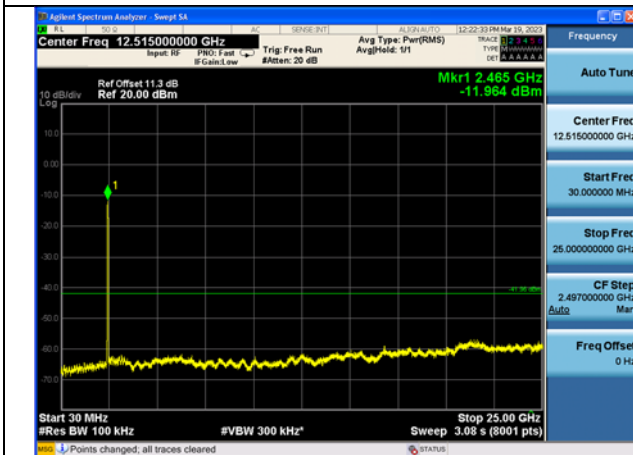
Test Mode: 802.11ax HE40



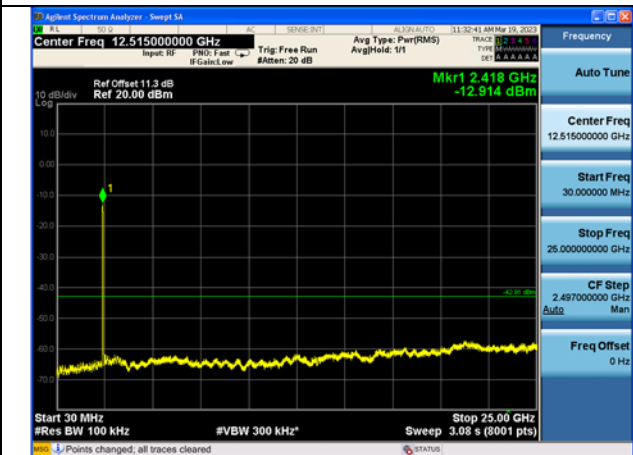
Test Mode:802.11ax HE40 2422MHz Chain0



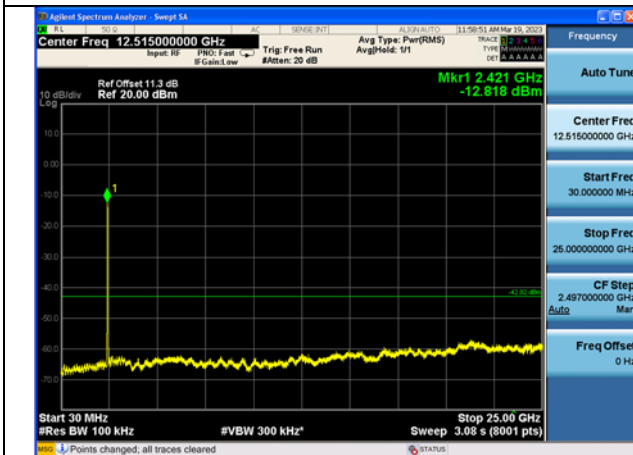
Test Mode:802.11ax HE40 2437MHz Chain0



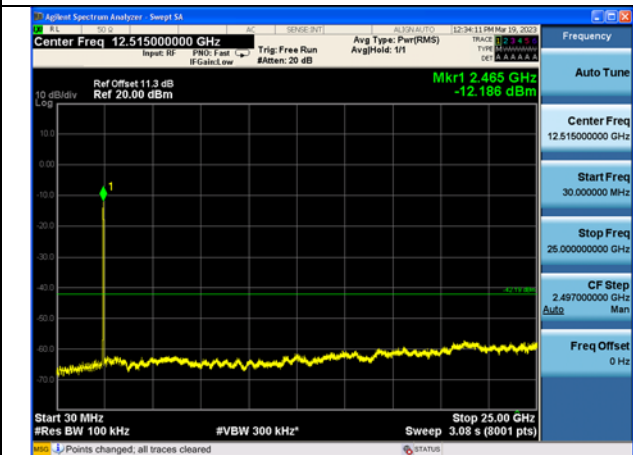
Test Mode:802.11ax HE40 2452MHz Chain0



Test Mode:802.11ax HE40 2422MHz Chain1

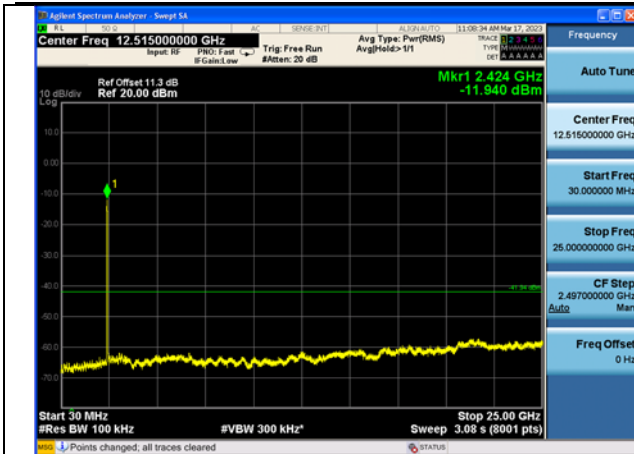


Test Mode:802.11ax HE40 2437MHz Chain1

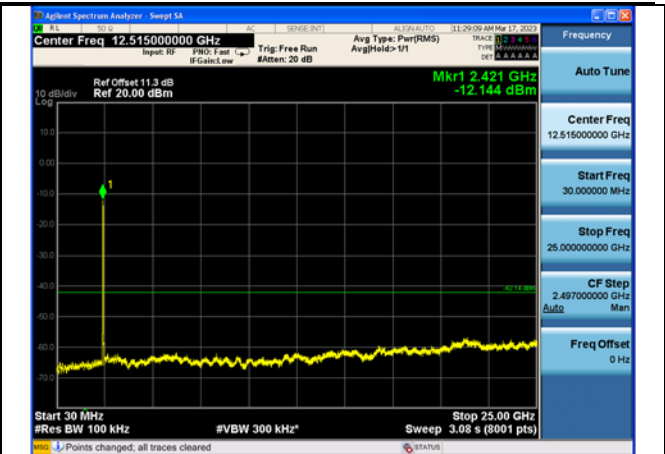


Test Mode:802.11ax HE40 2452MHz Chain1

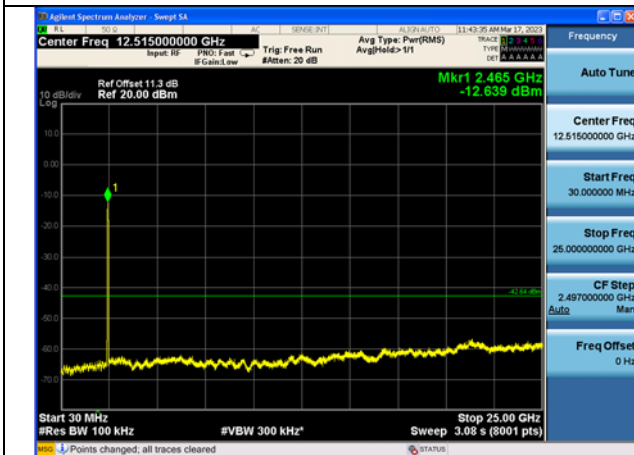
Test Mode: 802.11n HT40



Test Mode:802.11n HT40 2422MHz Chain0



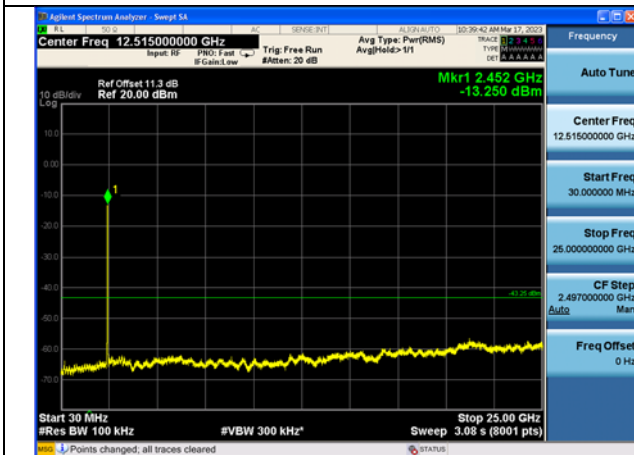
Test Mode:802.11n HT40 2437MHz Chain0



Test Mode:802.11n HT40 2452MHz Chain0



Test Mode:802.11n HT40 2422MHz Chain1



Test Mode:802.11n HT40 2437MHz Chain1



Test Mode:802.11n HT40 2452MHz Chain1

Band edge measurement

Test Mode: 802.11b



Test Mode:802.11b 2412MHz Chain0

Test Mode:802.11b 2462MHz Chain0



Test Mode:802.11b 2412MHz Chain1

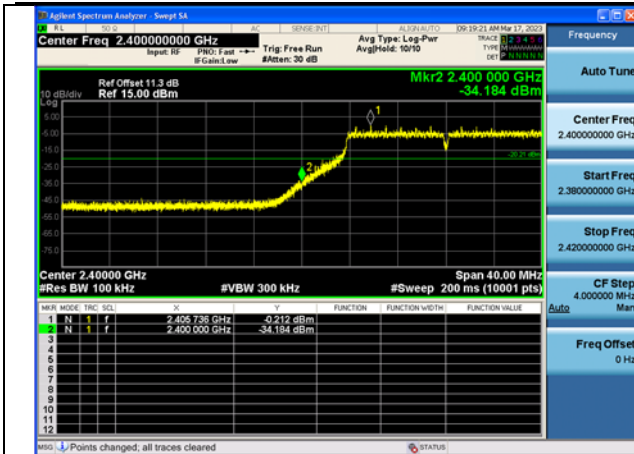
Test Mode:802.11b 2462MHz Chain1

Test Mode: 802.11g

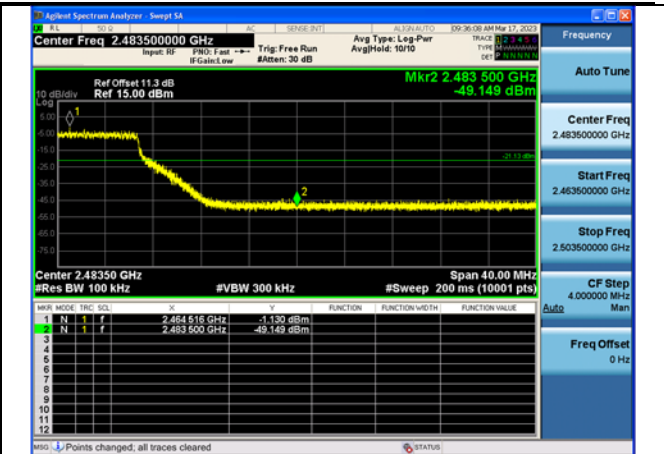


Test Mode:802.11g 2412MHz Chain0

Test Mode:802.11g 2462MHz Chain0

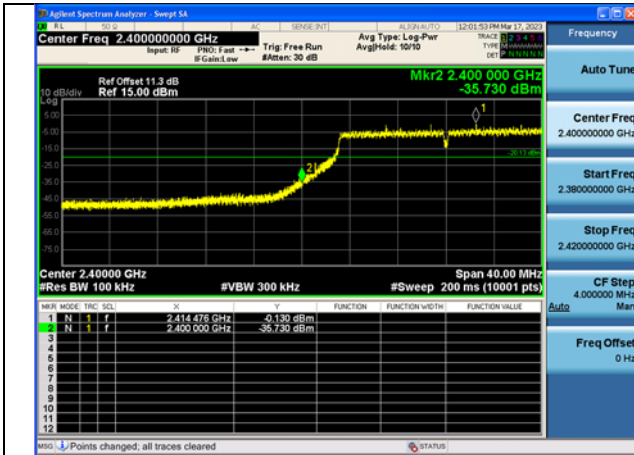


Test Mode:802.11g 2412MHz Chain1

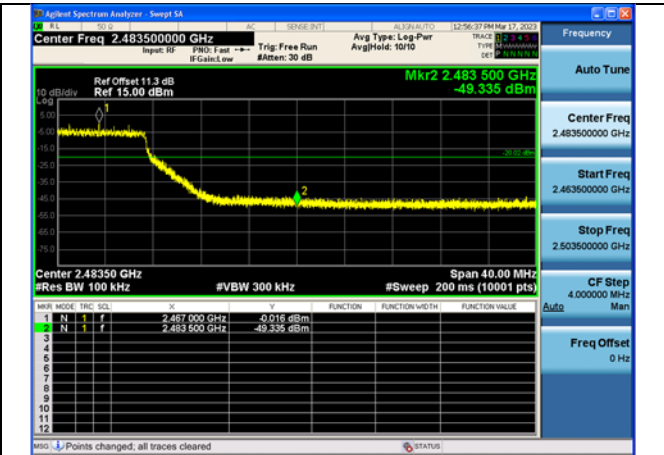


Test Mode:802.11g 2462MHz Chain1

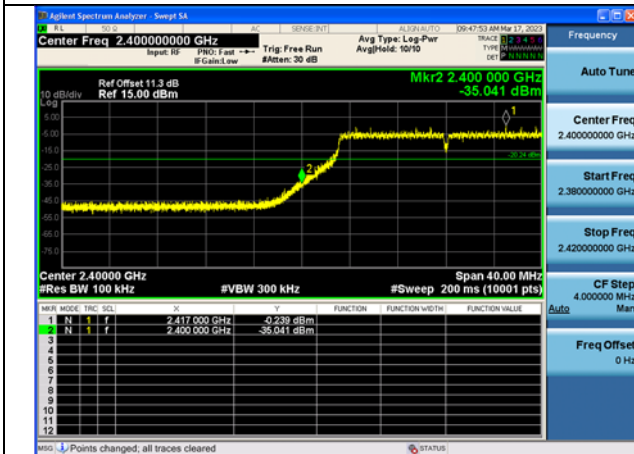
Test Mode: 802.11n HT20



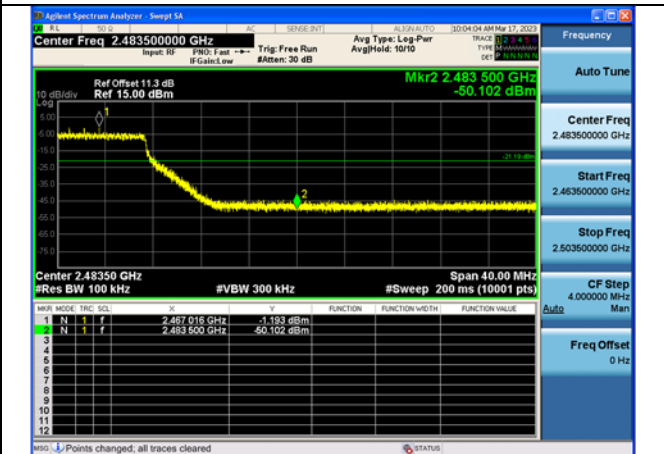
Test Mode:802.11n HT20 2412MHz Chain0



Test Mode:802.11n HT20 2462MHz Chain0

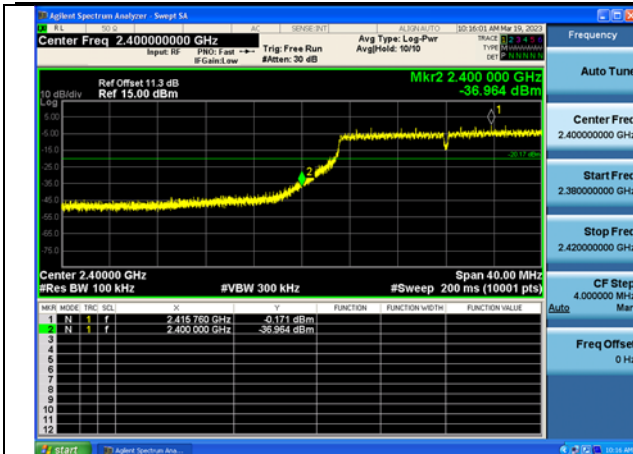


Test Mode:802.11n HT20 2412MHz Chain1

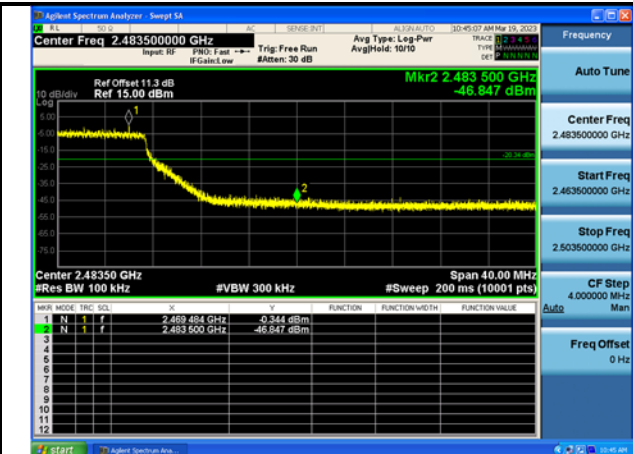


Test Mode:802.11n HT20 2462MHz Chain1

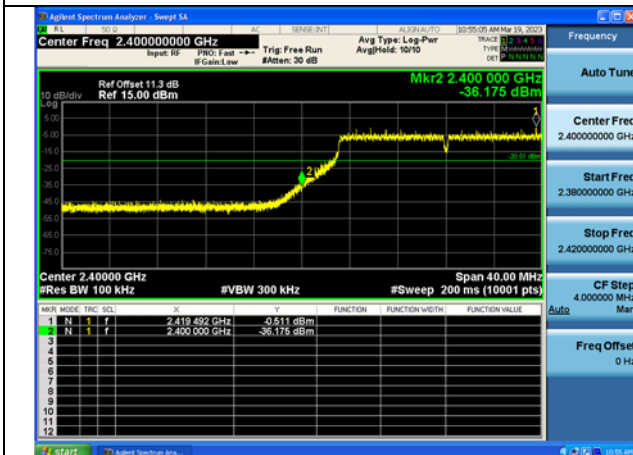
Test Mode: 802.11ax HE20



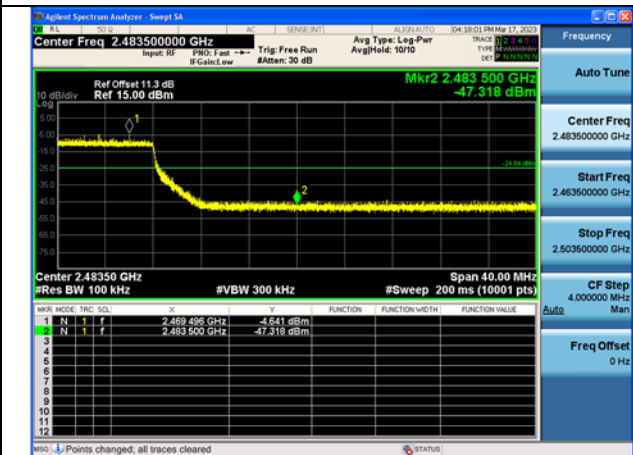
Test Mode:802.11ax HE20 2412MHz Chain0



Test Mode:802.11ax HE20 2462MHz Chain0

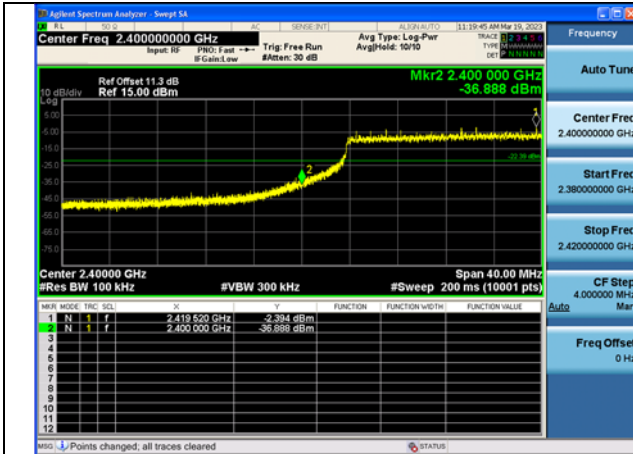


Test Mode:802.11ax HE20 2412MHz Chain1

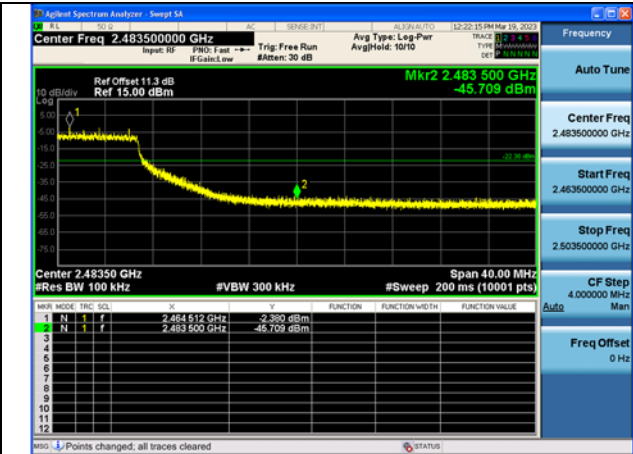


Test Mode:802.11ax HE20 2462MHz Chain1

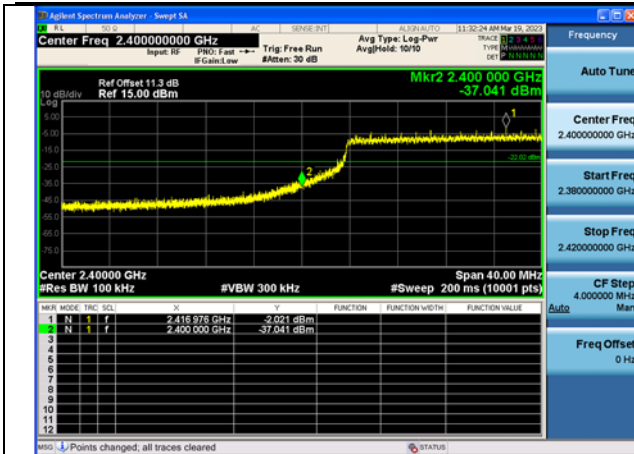
Test Mode: 802.11ax HE40



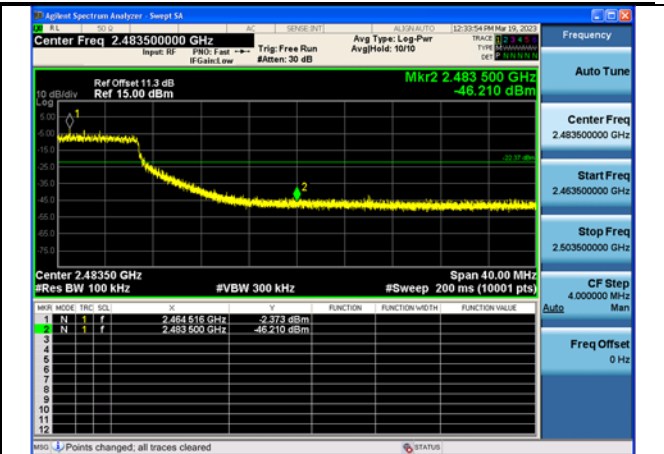
Test Mode:802.11ax HE40 2422MHz Chain0



Test Mode:802.11ax HE40 2452MHz Chain0

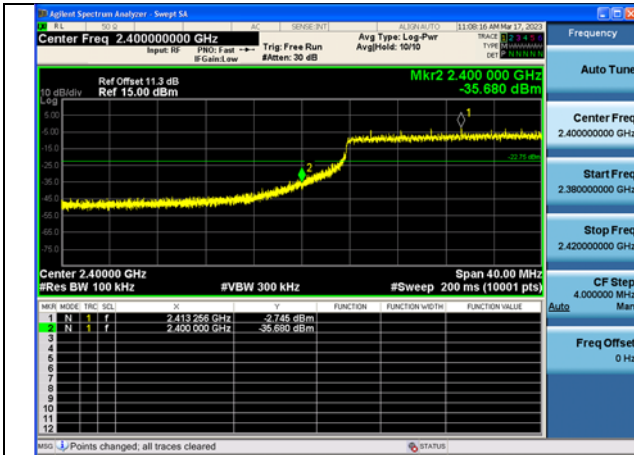


Test Mode:802.11ax HE40 2422MHz Chain1

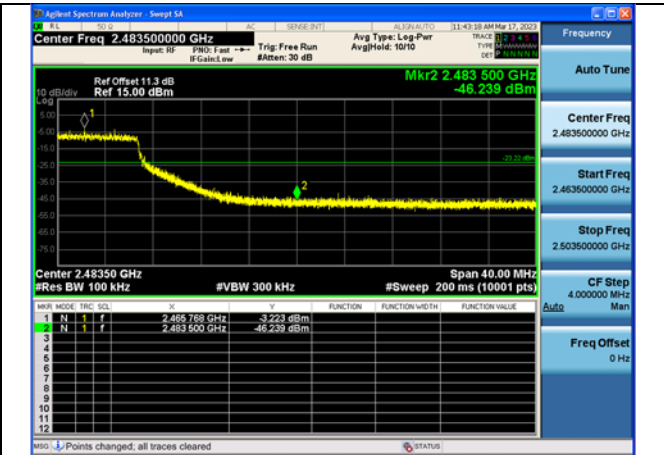


Test Mode:802.11ax HE40 2452MHz Chain1

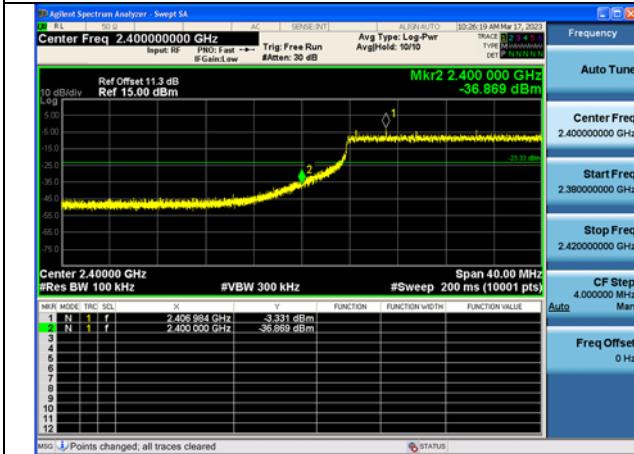
Test Mode: 802.11n HT40



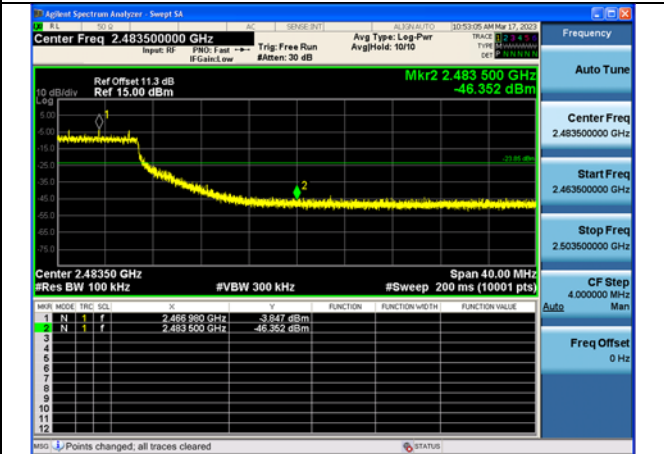
Test Mode:802.11n HT40 2422MHz Chain0



Test Mode:802.11n HT40 2452MHz Chain0



Test Mode:802.11n HT40 2422MHz Chain1



Test Mode:802.11n HT40 2452MHz Chain1

APPENDIX B – TEST DATA OF RADIATED EMISSION

Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan

Radiated Emission Band Edge

After comparison, the worst case attitude is EUT lay down.

Carrier frequency (MHz): 2412

Channel No.:1

Modulation Type: 802.11b

Dectector: Peak							
Frequency (MHz)	Reading MaxPeak (dBuV)	MaxPeak (dBuV/m)	Over Limt (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)	Polarity
2412.0	57.71	91.71	N/A	N/A	8.90	25.10	Vertical
2390.0	11.51	45.51	-28.49	74.00	8.90	25.10	Vertical

Dectector: Average							
Frequency (MHz)	Reading Average (dBuV)	Average (dBuV/m)	Over Limt (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)	Polarity
2412.0	51.38	85.38	N/A	N/A	8.90	25.10	Vertical
2390.0	24.39	58.39	4.39	54.00	8.90	25.10	Vertical

Carrier frequency (MHz): 2462

Channel No.:11

Modulation Type: 802.11b

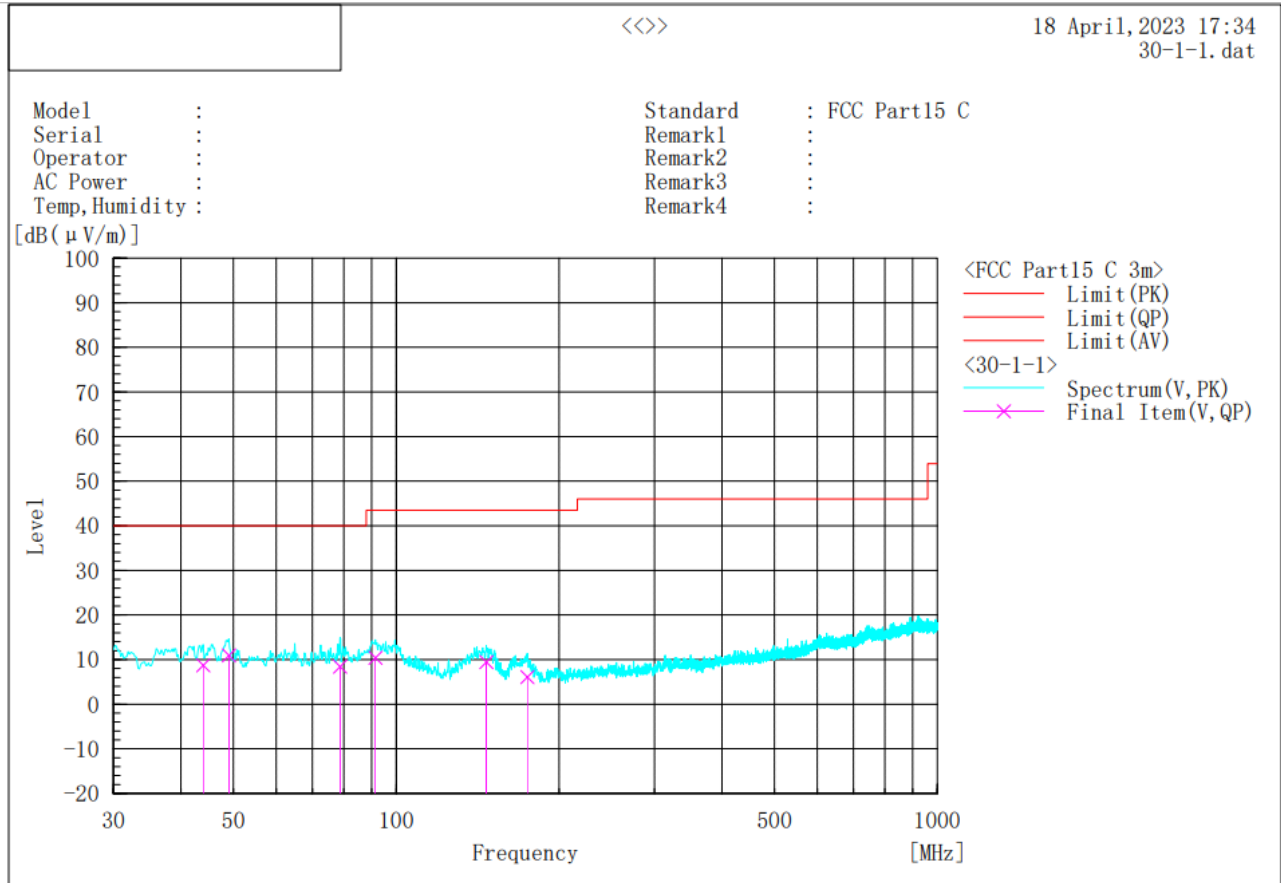
Dectector: Peak							
Frequency (MHz)	Reading MaxPeak (dBuV)	MaxPeak (dBuV/m)	Over Limt (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)	Polarity
2462.0	58.12	92.12	N/A	N/A	8.90	25.10	Vertical
2483.5	24.63	58.63	-15.37	74.00	8.90	25.10	Vertical

Dectector: Average							
Frequency (MHz)	Reading Average (dBuV)	Average (dBuV/m)	Over Limt (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)	Polarity
2462.0	49.52	83.52	N/A	N/A	8.90	25.10	Vertical
2483.5	11.93	45.93	-8.07	54.00	8.90	25.10	Vertical

RE Sample Calculations

After comparison, the worst case attitude is EUT lay down.

CH6

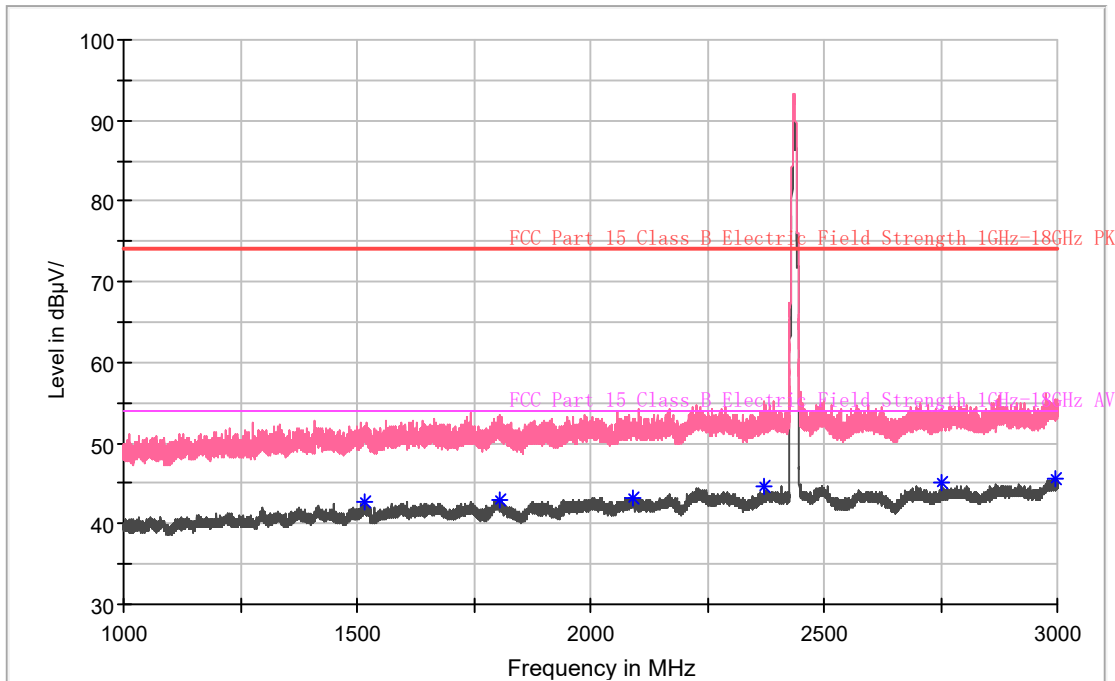


Final Result

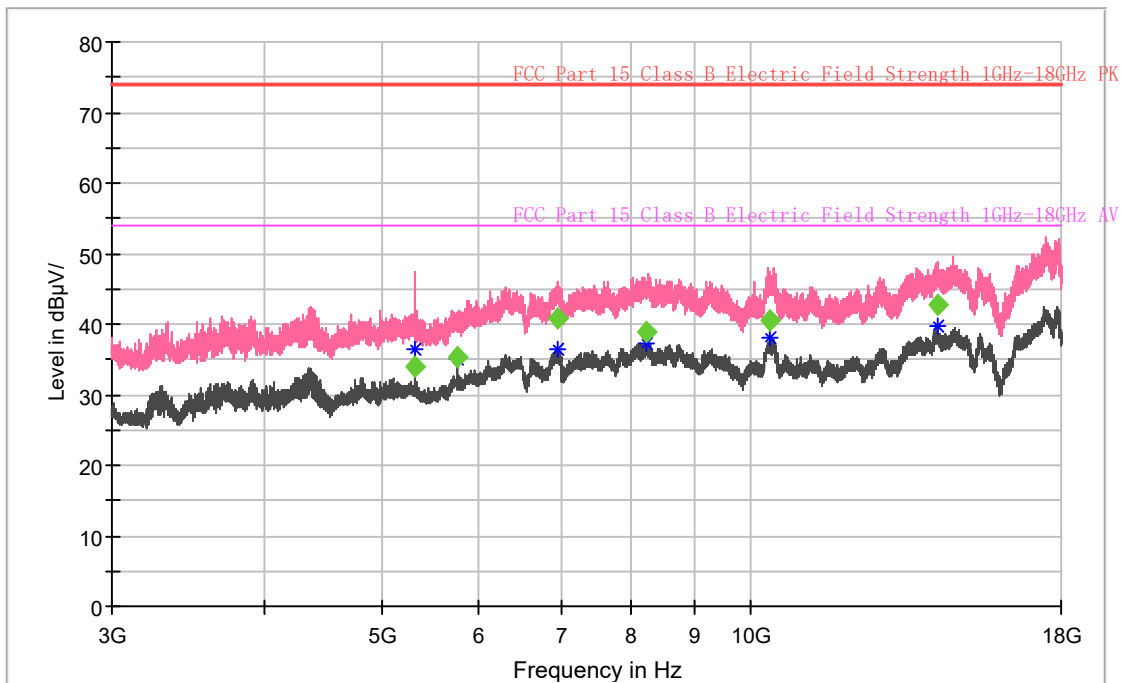
No.	Frequency [MHz]	(P)	Reading QP [dB (μV)]	c. f [dB(1/m)]	Result QP [dB (μV/m)]	Limit QP [dB (μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]	Remark
1	43.971	V	55.3	-46.5	8.8	40.0	31.2	100.0	202.3	
2	49.016	V	57.2	-46.2	11.0	40.0	29.0	100.0	192.0	
3	78.704	V	61.2	-52.8	8.4	40.0	31.6	250.0	237.8	
4	91.510	V	59.7	-49.3	10.4	43.5	33.1	193.0	215.2	
5	146.617	V	61.0	-51.5	9.5	43.5	34.0	249.0	98.7	
6	174.559	V	56.4	-50.3	6.1	43.5	37.4	100.0	281.1	

Frequency Range: 30MHz -1GHz

Full Spectrum



Full Spectrum



Frequency (MHz)	Reading (dBuV)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Arpl (dB)	Polarity
1517.50	51.37	42.67	54.00	11.33	-8.70	Vertical
1803.90	51.45	43.05	54.00	10.95	-8.40	Vertical