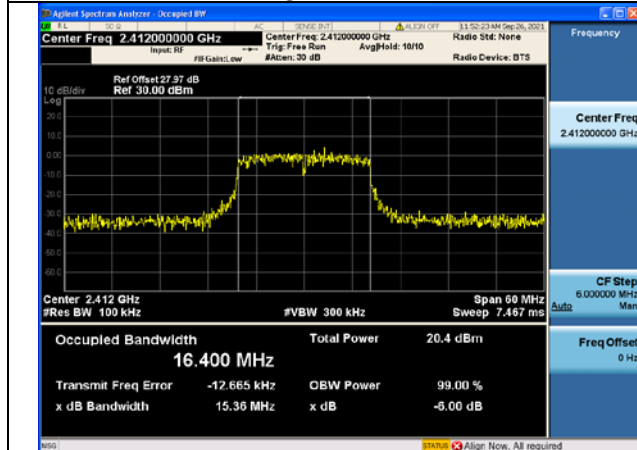


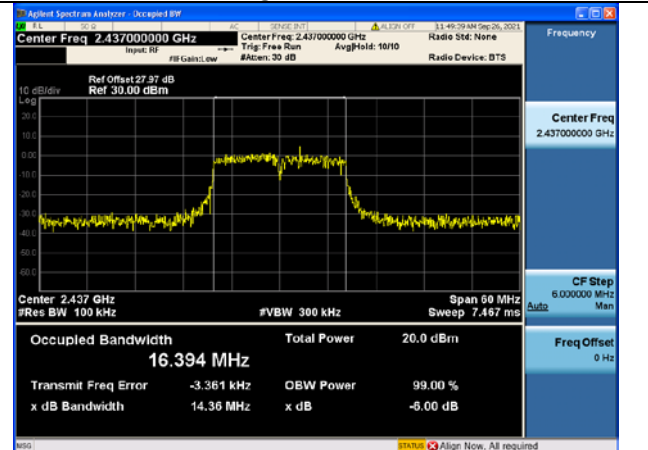
Test Mode:802.11g

Carrier frequency (MHz)	Channel No.	Chain	6 dB bandwidth (MHz)
2412MHz	1	Chain1	15.36
2437MHz	6	Chain1	14.36
2462MHz	11	Chain1	16.18

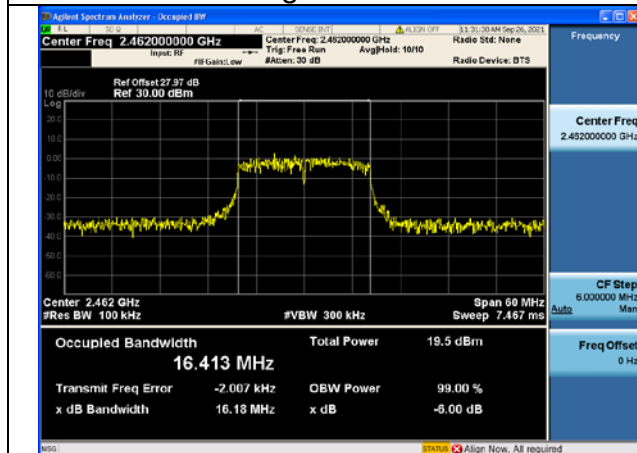
Test Mode:802.11g Chain1



Test Mode:802.11g Chain1



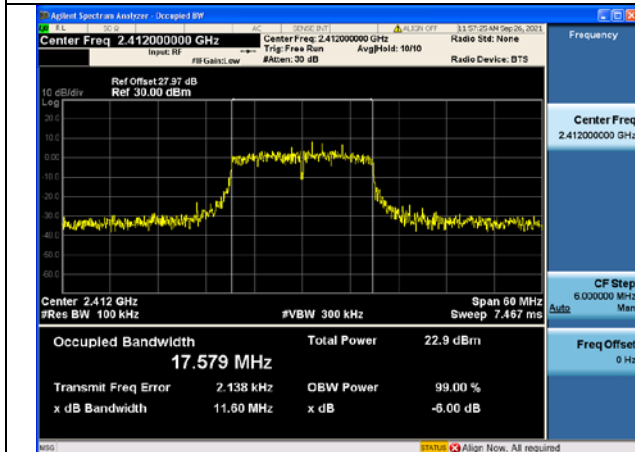
Test Mode:802.11g Chain1



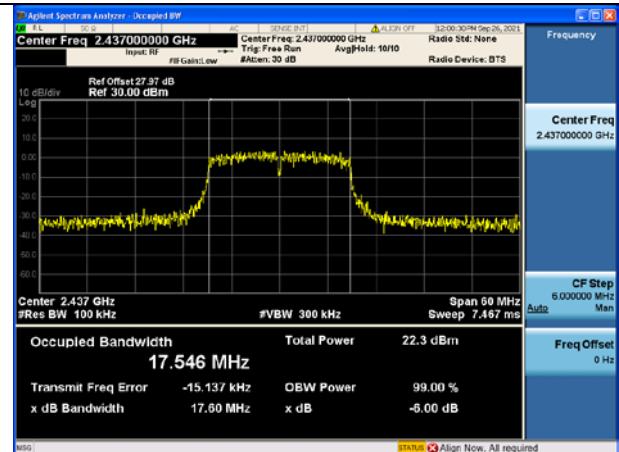
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Channel No.	Chain	6 dB bandwidth (MHz)
2412MHz	1	Chain1	11.60
2437MHz	6	Chain1	17.60
2462MHz	11	Chain1	16.95

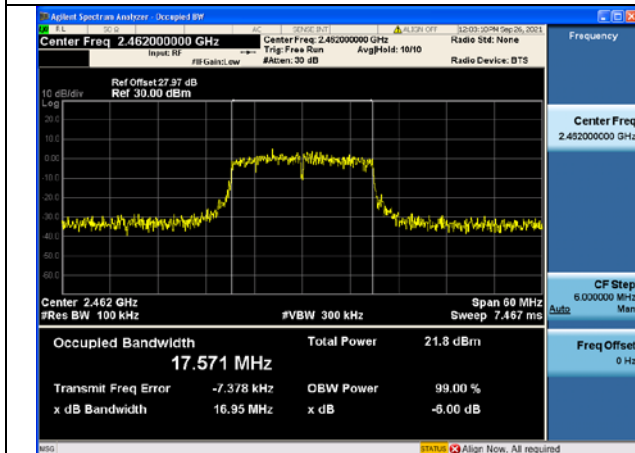
Test Mode:802. 11n HT20 Chain1



Test Mode:802. 11n HT20 Chain1



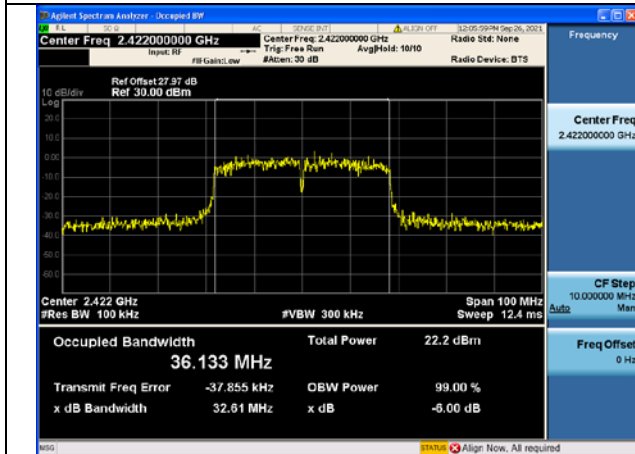
Test Mode:802. 11n HT20 Chain1



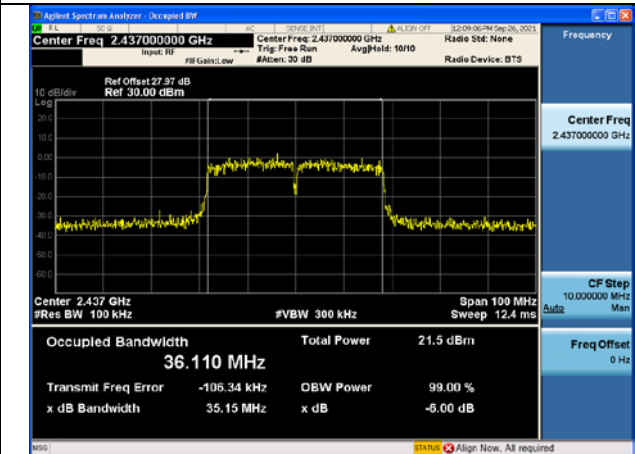
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Channel No.	Chain	6 dB bandwidth (MHz)
2422MHz	3	Chain1	32.61
2437MHz	6	Chain1	35.15
2452MHz	9	Chain1	35.44

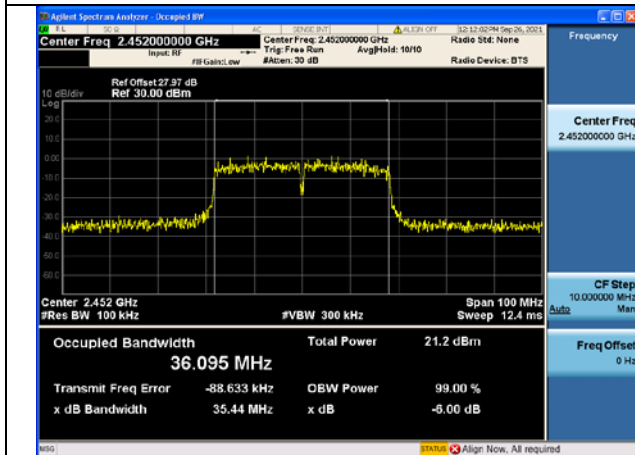
Test Mode:802. 11n HT40 Chain1



Test Mode:802. 11n HT40 Chain1



Test Mode:802. 11n HT40 Chain1

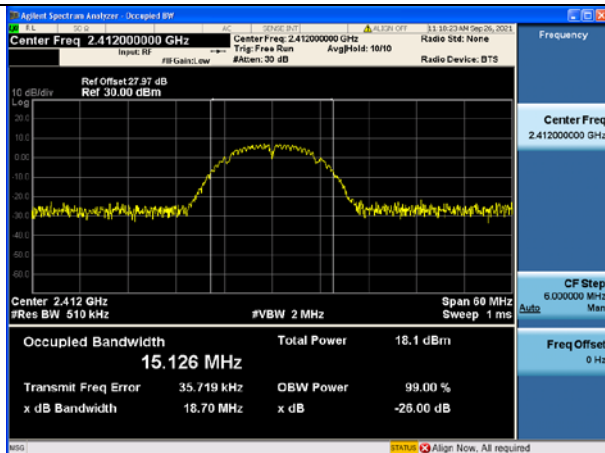


99% Bandwidth

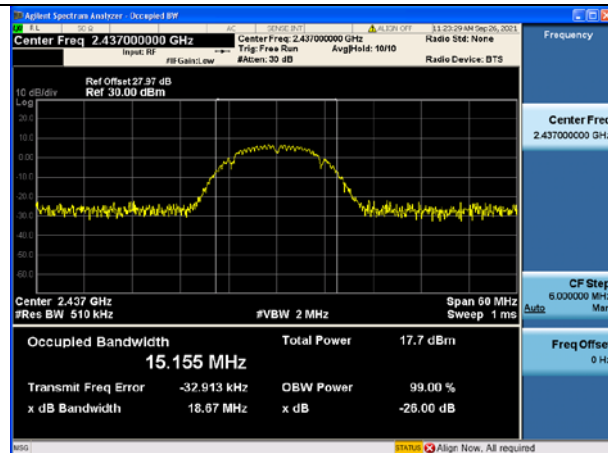
Test Mode:802.11b

Carrier frequency (MHz)	Channel No.	Chain	99% bandwidth (MHz)
2412MHz	1	Chain1	15.126
2437MHz	6	Chain1	15.155
2462MHz	11	Chain1	15.201

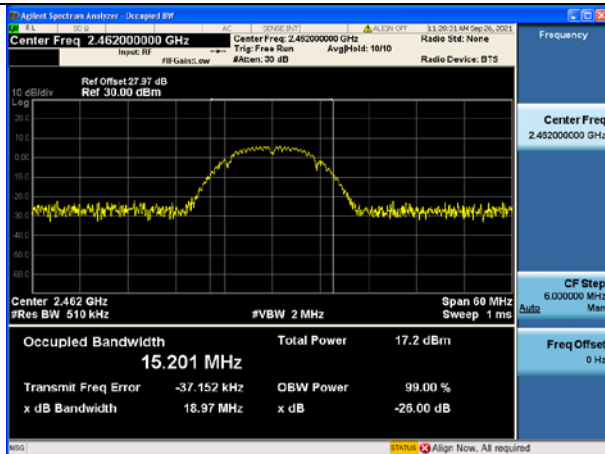
Test Mode:802.11b Chain1



Test Mode:802.11b Chain1



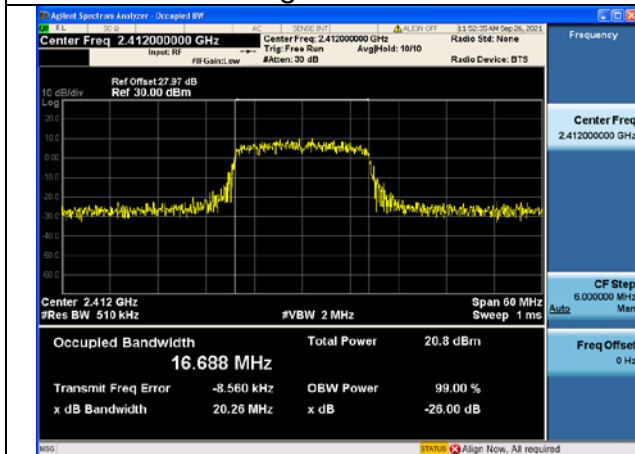
Test Mode:802.11b Chain1



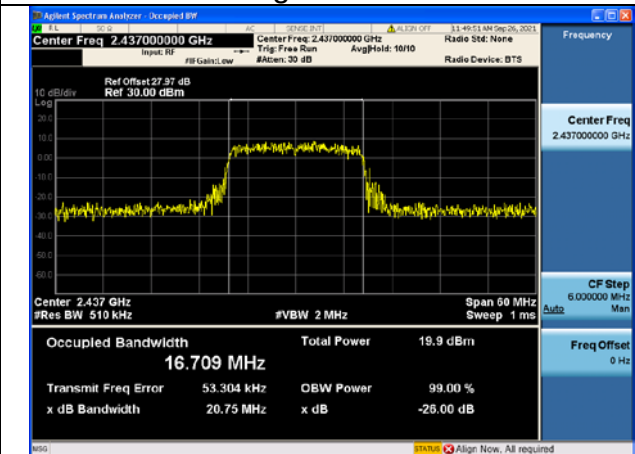
Test Mode:802.11g

Carrier frequency (MHz)	Channel No.	Chain	99% bandwidth (MHz)
2412MHz	1	Chain1	16.688
2437MHz	6	Chain1	16.709
2462MHz	11	Chain1	16.767

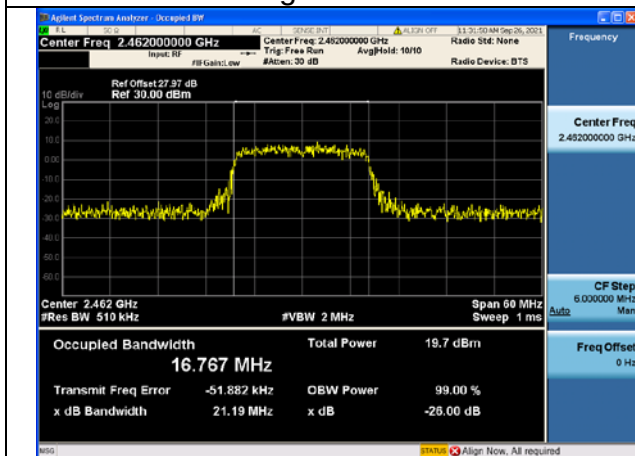
Test Mode:802.11g Chain1



Test Mode:802.11g Chain1



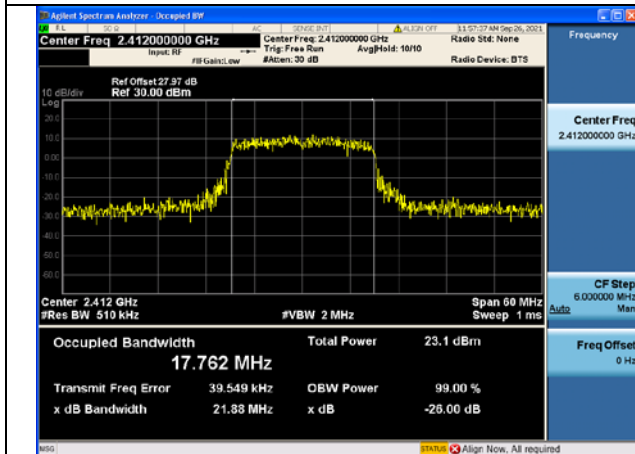
Test Mode:802.11g Chain1



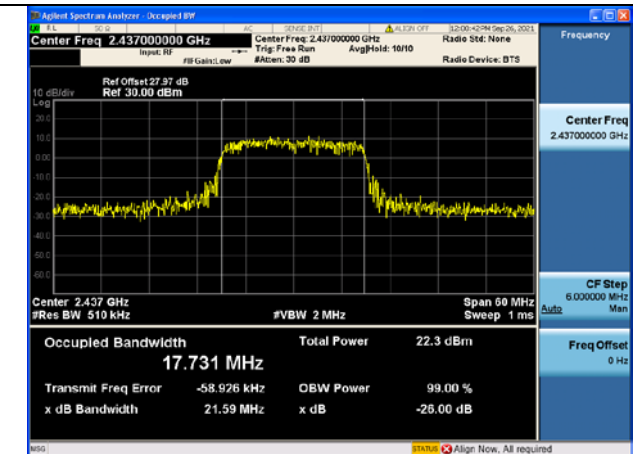
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Channel No.	Chain	99% bandwidth (MHz)
2412MHz	1	Chain1	17.762
2437MHz	6	Chain1	17.731
2462MHz	11	Chain1	17.751

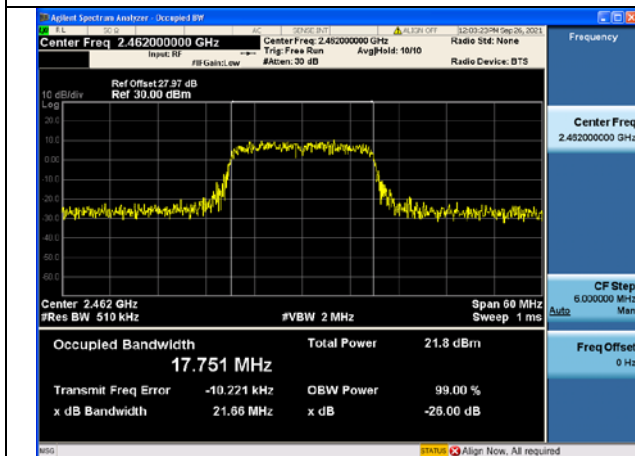
Test Mode:802. 11n HT20 Chain1



Test Mode:802. 11n HT20 Chain1



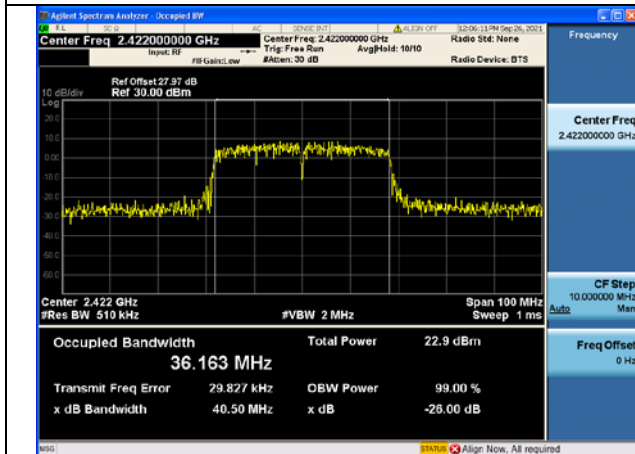
Test Mode:802. 11n HT20 Chain1



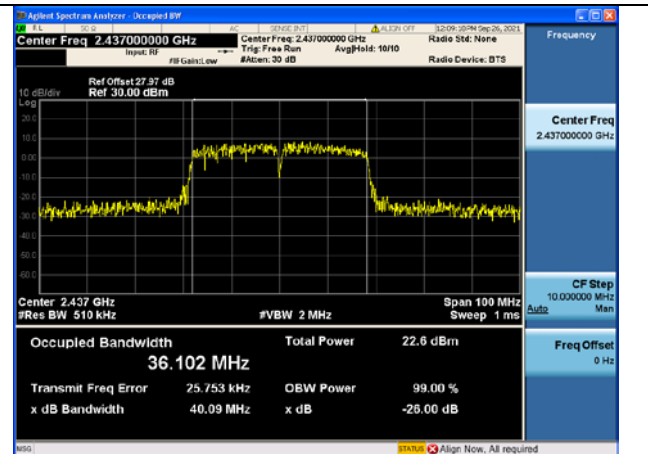
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Channel No.	Chain	99% bandwidth (MHz)
2422MHz	3	Chain1	36.163
2437MHz	6	Chain1	36.102
2452MHz	9	Chain1	35.980

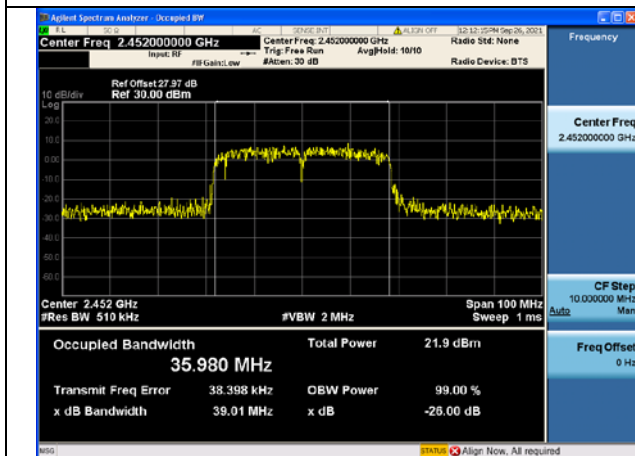
Test Mode:802. 11n HT40 Chain1



Test Mode:802. 11n HT40 Chain1



Test Mode:802. 11n HT40 Chain1

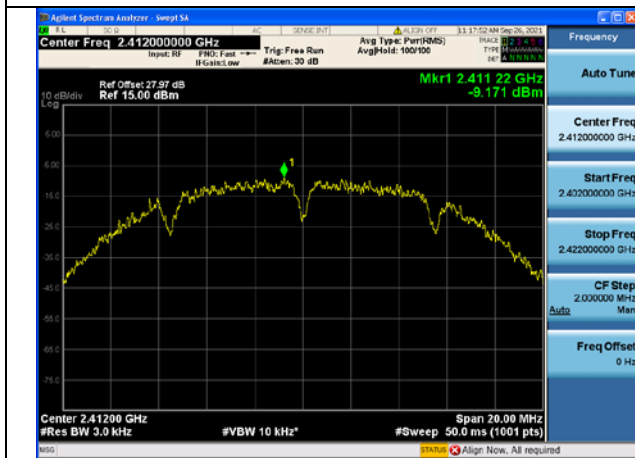


Transmitter Power Spectral Density

Test Mode:802.11b

Carrier frequency (MHz)	Channel No.	Chain	Power Density (dBm)
2412MHz	1	Chain1	-9.171
2437MHz	6	Chain1	-8.040
2462MHz	11	Chain1	-9.947

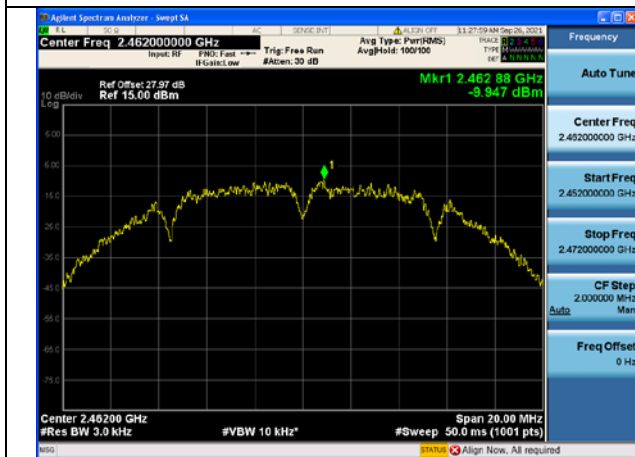
Test Mode:802.11b Chain1



Test Mode:802.11b Chain1



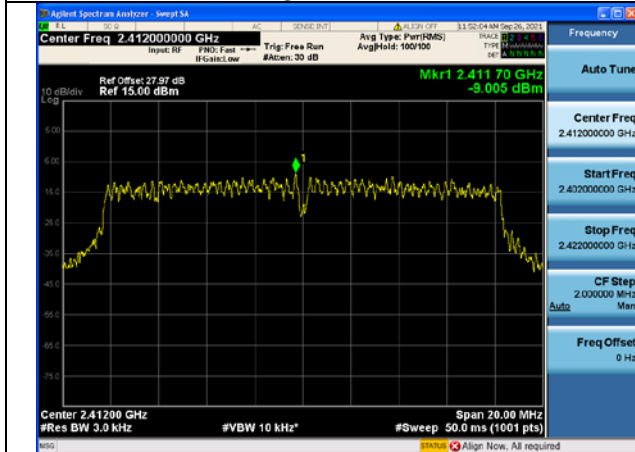
Test Mode:802.11b Chain1



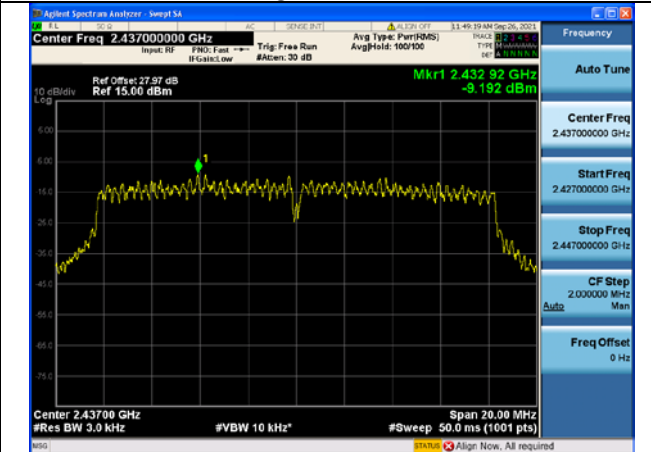
Test Mode:802.11g

Carrier frequency (MHz)	Channel No.	Chain	Power Density (dBm)
2412MHz	1	Chain1	-9.005
2437MHz	6	Chain1	-9.192
2462MHz	11	Chain1	-9.714

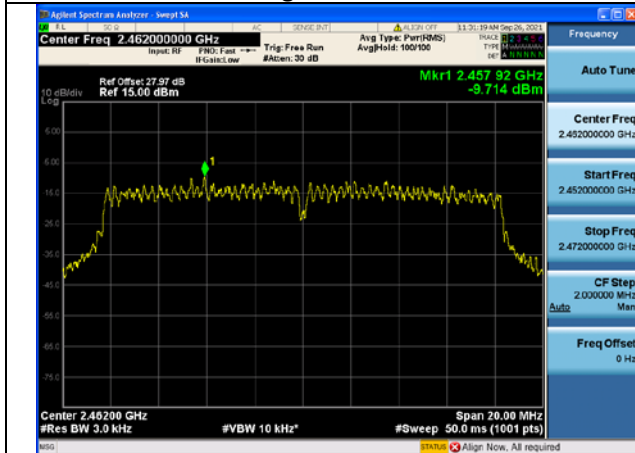
Test Mode:802.11g Chain1



Test Mode:802.11g Chain1



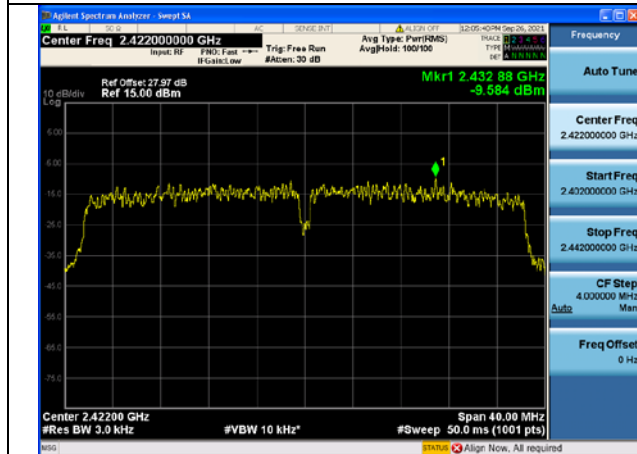
Test Mode:802.11g Chain1



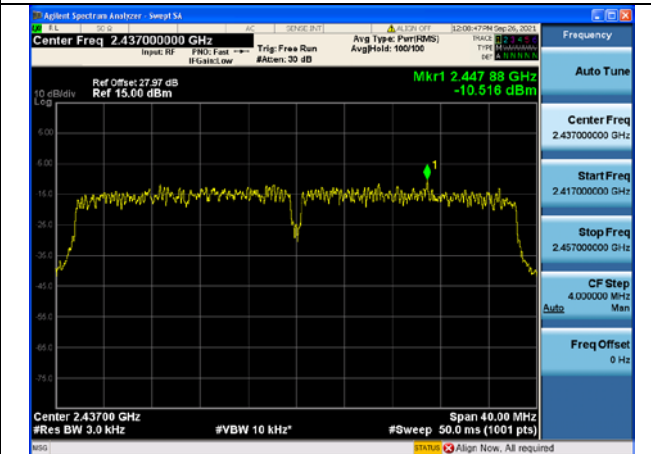
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Channel No.	Chain	Power Density (dBm)
2422MHz	3	Chain1	-9.584
2437MHz	6	Chain1	-10.516
2452MHz	9	Chain1	-10.982

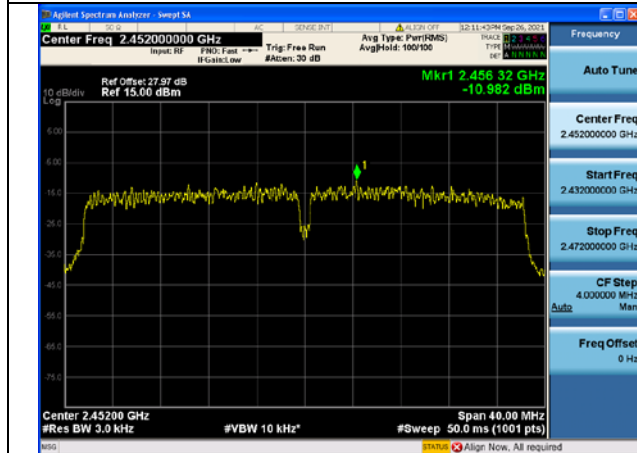
Test Mode:802. 11n HT40 Chain1



Test Mode:802. 11n HT40 Chain1



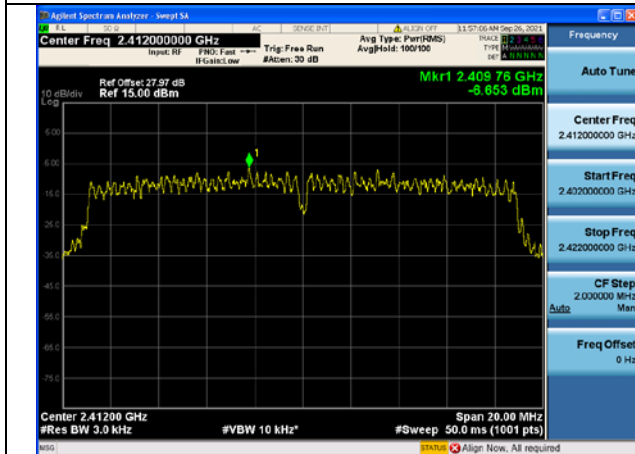
Test Mode:802. 11n HT40 Chain1



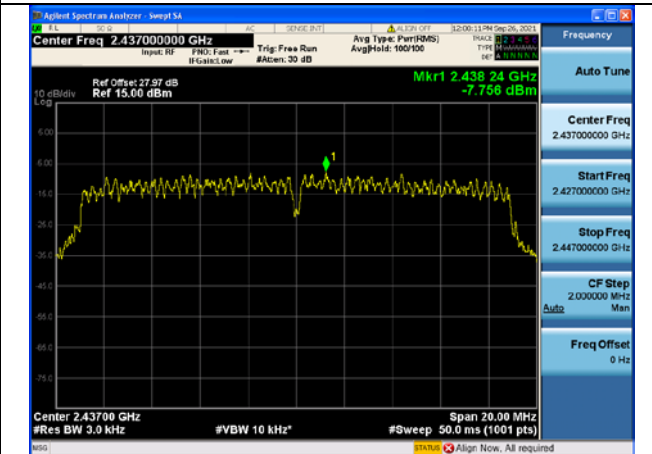
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Channel No.	Chain	Power Density (dBm)
2412MHz	1	Chain1	-6.653
2437MHz	6	Chain1	-7.756
2462MHz	11	Chain1	-8.361

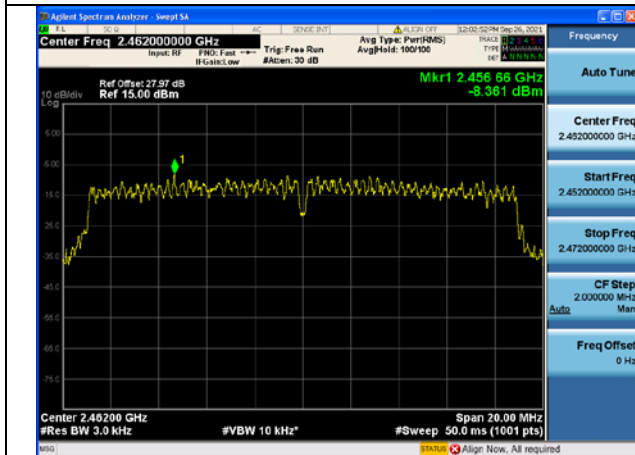
Test Mode:802. 11n HT20 Chain1



Test Mode:802. 11n HT20 Chain1



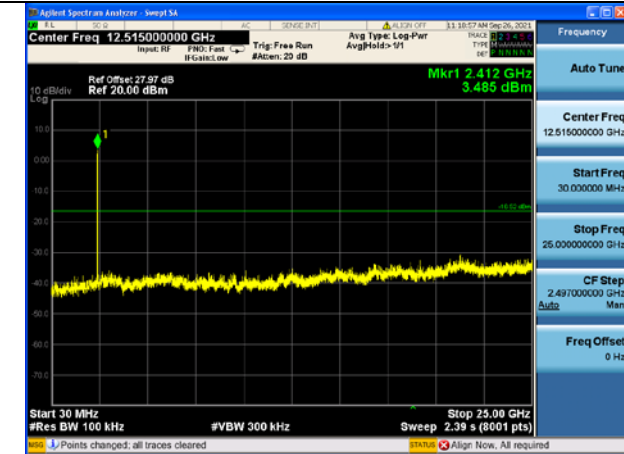
Test Mode:802. 11n HT20 Chain1



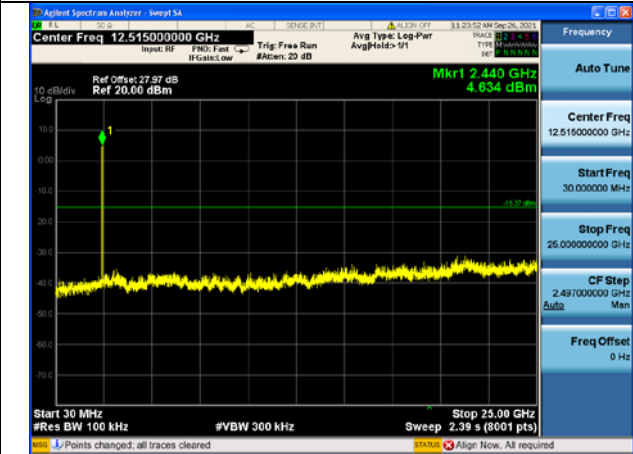
Conducted Out of band emission measurement

Test Mode:802.11b

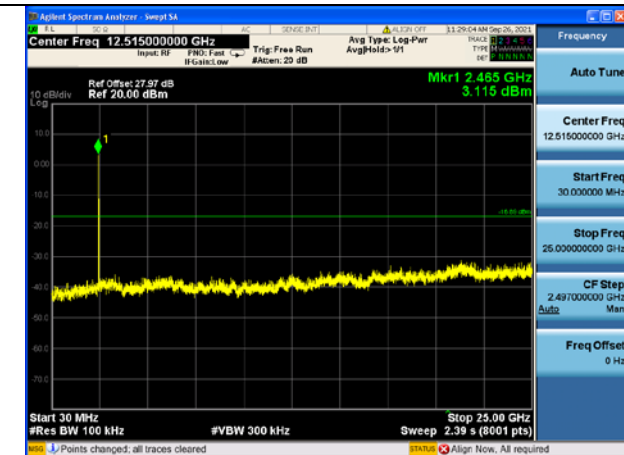
Test Mode:802.11b Chain1 CH1



Test Mode:802.11b Chain1 CH6

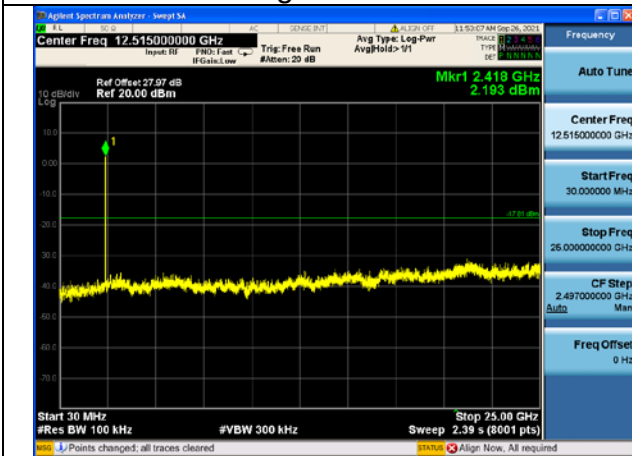


Test Mode:802.11b Chain1 CH11

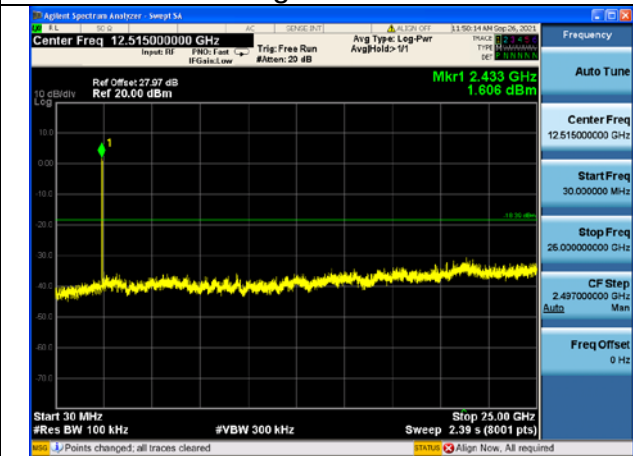


Test Mode:802.11g

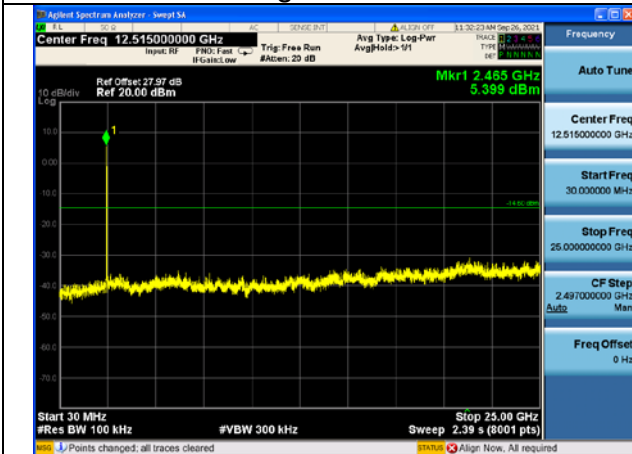
Test Mode:802.11g Chain1 CH1



Test Mode:802.11g Chain1 CH6

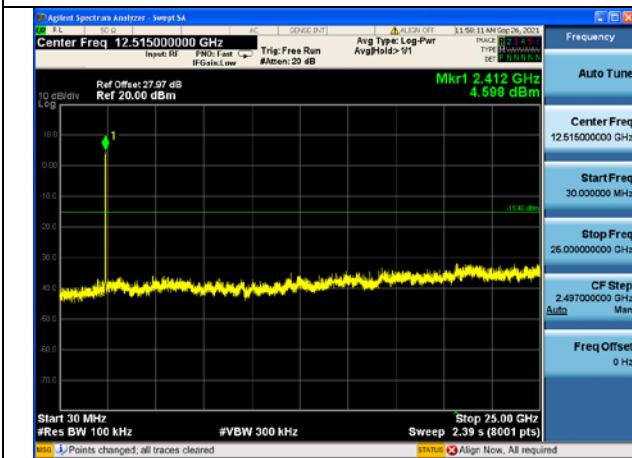


Test Mode:802.11g Chain1 CH11

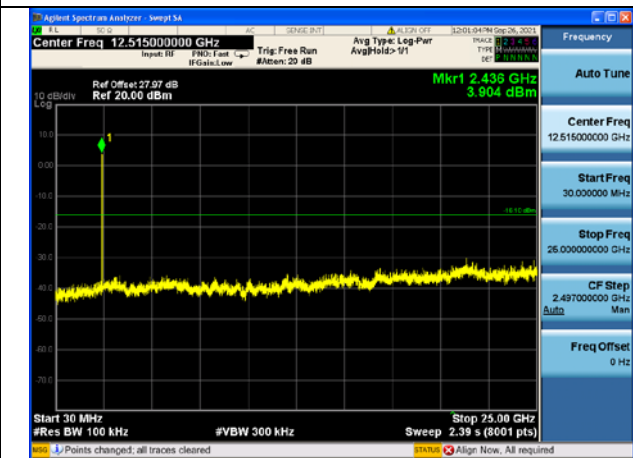


Test Mode:802. 11n HT20

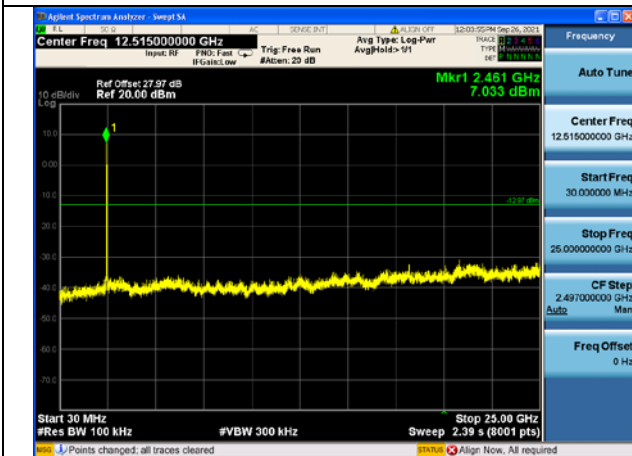
Test Mode:802. 11n HT20 Chain1 CH1



Test Mode:802. 11n HT20 Chain1 CH6



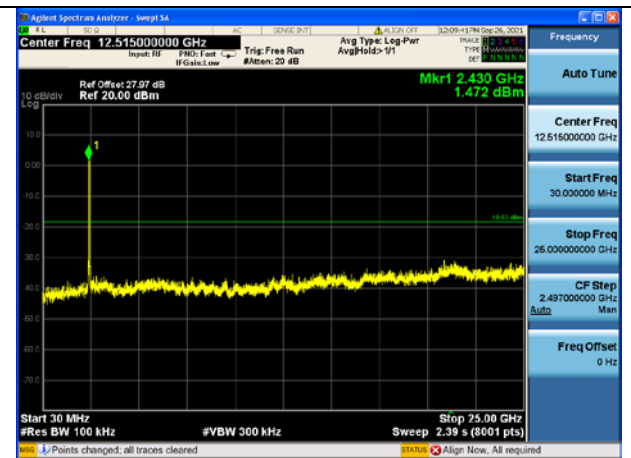
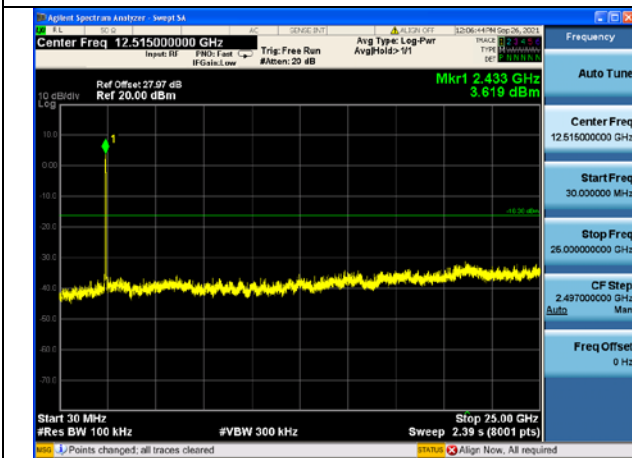
Test Mode:802. 11n HT20 Chain1 CH11



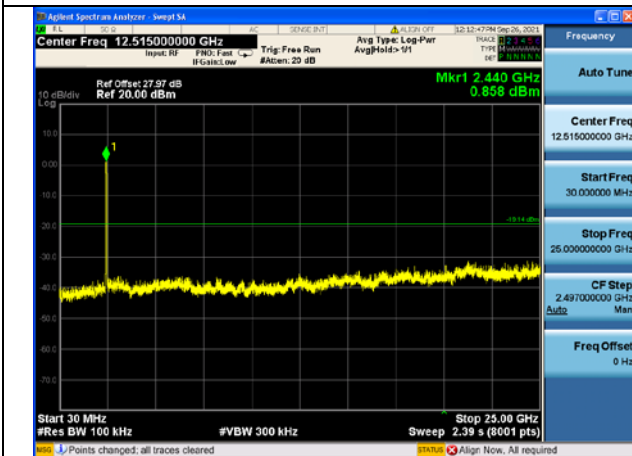
Test Mode:802. 11n HT40

Test Mode:802. 11n HT40 Chain1 CH3

Test Mode:802. 11n HT40 Chain1 CH6



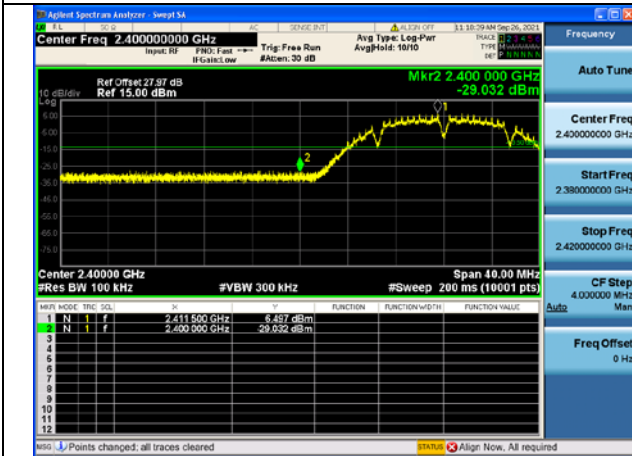
Test Mode:802. 11n HT40 Chain1 CH9



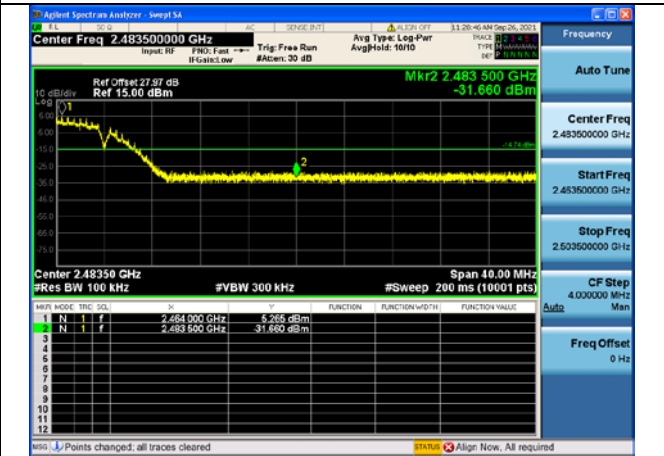
Band edge measurement

Test Mode:802.11b

Test Mode:802.11b Chain1 CH1

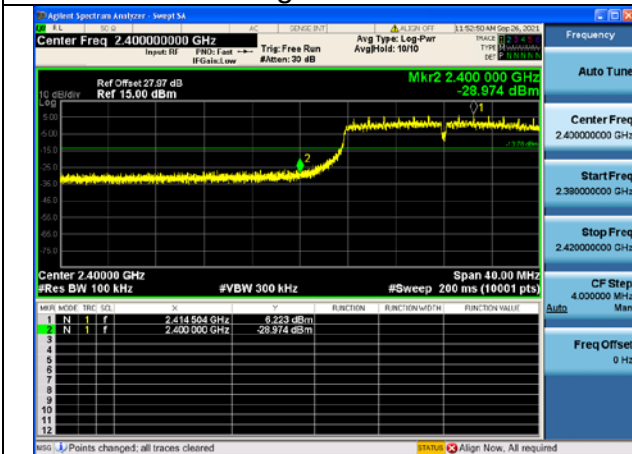


Test Mode:802.11b Chain1 CH11

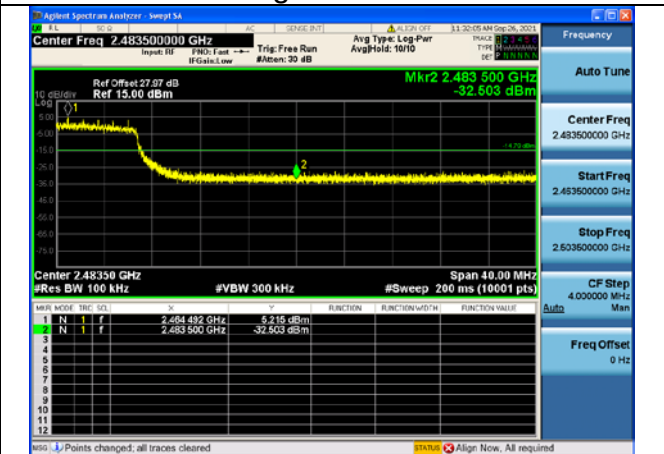


Test Mode:802.11g

Test Mode:802.11g Chain1 CH1

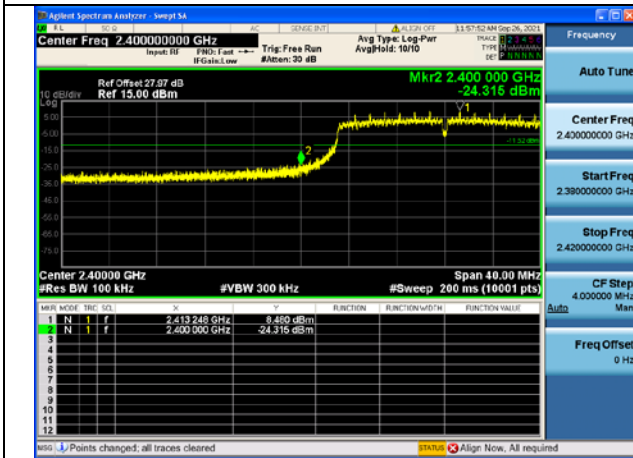


Test Mode:802.11g Chain1 CH11

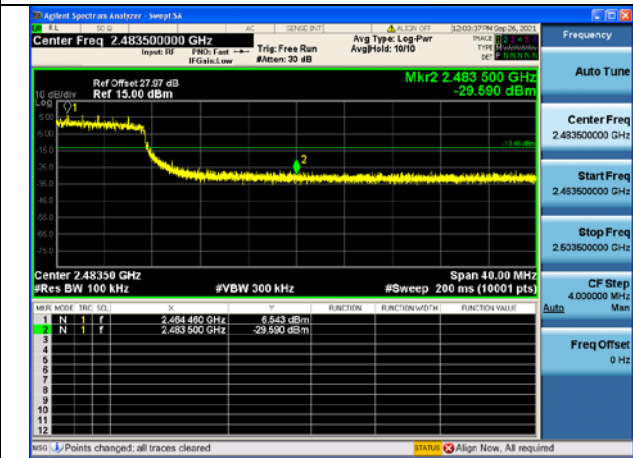


Test Mode:802. 11n HT20

Test Mode:802. 11n HT20 Chain1 CH1

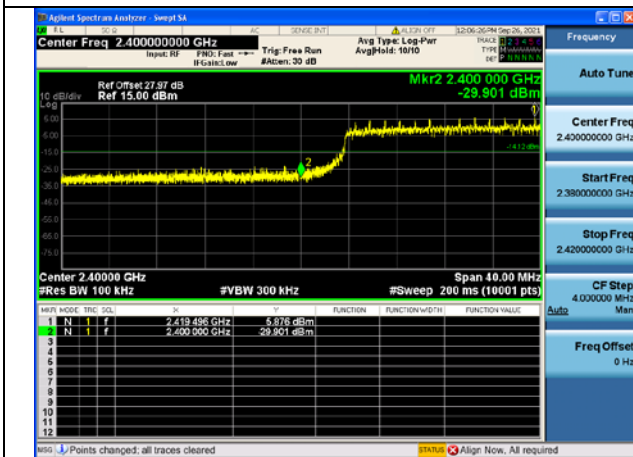


Test Mode:802. 11n HT20 Chain1 CH1

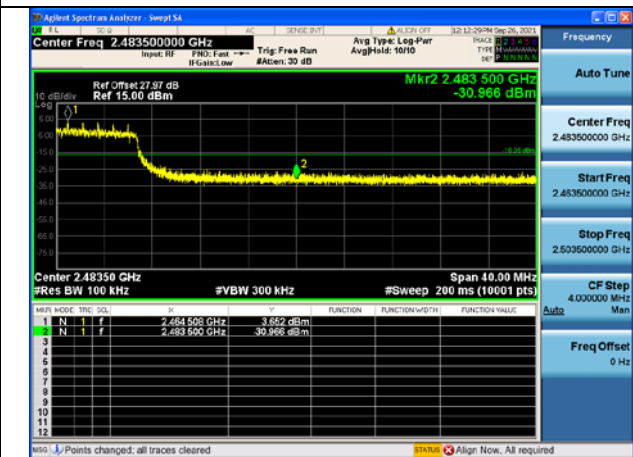


Test Mode:802. 11n HT40

Test Mode:802. 11n HT40 Chain1 CH3



Test Mode:802. 11n HT40 Chain1 CH9



MIMO

Mode	Tones/ RU Index	Freq(MHz)	Chain	Peak power output (dBm)	Average power output (dBm)	Power Density (dBm)
802.11n20M	NA	2412MHz	MIMO	29.57	20.21	-3.86
	NA	2437MHz	MIMO	29.65	20.29	-4.73
	NA	2462MHz	MIMO	29.29	19.95	-5.01
802.11n40M	NA	2422MHz	MIMO	29.83	19.31	-7.12
	NA	2437MHz	MIMO	29.24	18.73	-7.46
	NA	2452MHz	MIMO	29.90	19.35	-8.21

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

Pre-tests are needed at the presence of different data rate. Data rate below means worst-case rate of each test item. Worst-case data rates are shown as following table.

Test Mode	Data Rate
802.11b	1Mbps
802.11g	6Mbps
802.11n HT20	MCS0(6.5 Mbps)
802.11n HT40	MCS0(13.5 Mbps)

We chose the Worst-modes are shown as following table:

Test Mode	Chain	Note
802.11b	Chain0	---
802.11g	Chain0	---
802.11n HT20	Chain0+ Chain1	---
802.11n HT40	Chain0+ Chain1	---

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (102.66 dBuV/m) = (68.66dBuV) + (8.90 dB) + (25.10 dB/m), the corresponding frequency is 2412MHz.

The measurement results contain the correction factor of the duty cycle.

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	102.66	68.66	N/A	N/A	8.90	25.10
2	2390	46.93	12.93	-27.07	74.00	8.90	25.10

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	100.21	66.21	N/A	N/A	8.90	25.10
2	2390	44.57	10.57	-29.43	74.00	8.90	25.10

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	99.87	65.87	N/A	N/A	8.90	25.10
2	2390	35.51	1.51	-18.49	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11b
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	97.16	63.16	N/A	N/A	8.90	25.10
2	2390	34.12	0.12	-19.88	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	101.18	67.18	N/A	N/A	8.90	25.10
2	2483.5	46.46	12.46	-27.54	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	98.52	64.52	N/A	N/A	8.90	25.10
2	2483.5	43.50	9.50	-30.50	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	99.40	65.40	N/A	N/A	8.90	25.10
2	2483.5	36.78	2.78	-17.22	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	96.40	62.40	N/A	N/A	8.90	25.10
2	2483.5	34.94	0.94	-19.06	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	102.54	68.54	N/A	N/A	8.90	25.10
2	2390	46.76	12.76	-27.24	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	100.23	66.23	N/A	N/A	8.90	25.10
2	2390	44.24	10.24	-29.76	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	100.12	66.12	N/A	N/A	8.90	25.10
2	2390	35.19	1.19	-18.81	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	97.94	63.94	N/A	N/A	8.90	25.10
2	2390	32.78	-1.22	-21.22	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	101.75	67.75	N/A	N/A	8.90	25.10
2	2483.5	46.16	12.16	-27.84	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	99.28	65.28	N/A	N/A	8.90	25.10
2	2483.5	44.97	10.97	-29.03	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	98.94	64.94	N/A	N/A	8.90	25.10
2	2483.5	36.28	2.28	-17.72	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	96.71	62.71	N/A	N/A	8.90	25.10
2	2483.5	34.07	0.07	-19.93	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	102.28	68.28	N/A	N/A	8.90	25.10
2	2390	45.05	11.05	-28.95	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	100.10	66.10	N/A	N/A	8.90	25.10
2	2390	43.29	9.29	-30.71	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	99.81	65.81	N/A	N/A	8.90	25.10
2	2390	36.16	2.16	-17.84	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2412	97.78	63.78	N/A	N/A	8.90	25.10
2	2390	34.93	0.93	-19.07	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	101.69	67.69	N/A	N/A	8.90	25.10
2	2483.5	46.69	12.69	-27.31	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	98.85	64.85	N/A	N/A	8.90	25.10
2	2483.5	44.03	10.03	-29.97	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	100.74	66.74	N/A	N/A	8.90	25.10
2	2483.5	35.59	1.59	-18.41	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB/m)
1	2462	97.83	63.83	N/A	N/A	8.90	25.10
2	2483.5	33.53	-0.47	-20.47	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11n(HT40)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2422	98.83	64.83	N/A	N/A	8.90	25.10
2	2390	45.03	11.03	-28.97	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11n(HT40)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2422	96.44	62.44	N/A	N/A	8.90	25.10
2	2390	42.31	8.31	-31.69	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11n(HT40)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2422	96.37	62.37	N/A	N/A	8.90	25.10
2	2390	35.98	1.98	-18.02	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11n(HT40)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2422	93.40	59.40	N/A	N/A	8.90	25.10
2	2390	34.29	0.29	-19.71	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11n(HT40)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2452	97.73	63.73	N/A	N/A	8.90	25.10
2	2483.5	46.00	12.00	-28.00	74.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11n(HT40)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2452	94.81	60.81	N/A	N/A	8.90	25.10
2	2483.5	43.25	9.25	-30.75	74.00	8.90	25.10

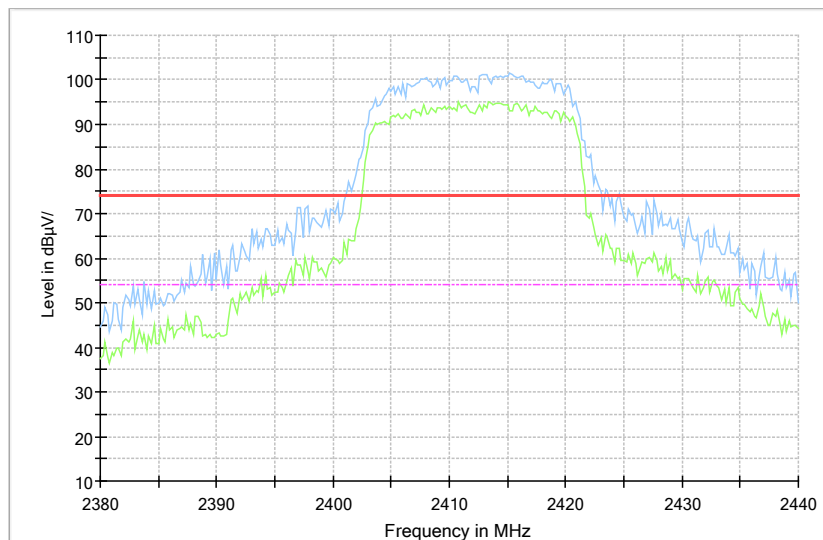
Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11n(HT40)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2452	96.70	62.70	N/A	N/A	8.90	25.10
2	2483.5	36.31	2.31	-17.69	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11n(HT40)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2452	94.02	60.02	N/A	N/A	8.90	25.10
2	2483.5	34.44	0.44	-19.56	54.00	8.90	25.10

Full Spectrum



Comment

Radiated Emission Band Edge for 2412MHz

Sample Calculations

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Result= $P_{mea} + A_{Rpl}$

Sample calculation: $(6.57 \text{ dB}\mu\text{V/m}) = (26.27 \text{ dB}\mu\text{V}) + (-19.7 \text{ dB/m})$, the corresponding frequency is 35.868500MHz.

The worst case attitude: The mobile lay down.

For 802.11b Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
35.868500	6.57	-19.7	26.27	Vertical	40.00
58.033000	6.43	-18.6	25.03	Vertical	40.00
138.203500	11.84	-22.7	34.54	Vertical	43.50
232.390500	20.62	-17.9	38.52	Vertical	46.00
377.793500	21.82	-13.6	35.42	Vertical	46.00
957.999000	18.15	-2.6	20.75	Vertical	46.00

For 802.11g Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
38.633000	6.29	-18.9	25.19	Vertical	40.00
59.100000	5.89	-18.7	24.59	Vertical	40.00
134.420500	10.36	-22.6	32.96	Vertical	43.50
232.390500	20.97	-17.9	38.87	Vertical	46.00
392.634500	21.76	-13.2	34.96	Vertical	46.00
925.795000	16.03	-2.9	18.93	Vertical	46.00

For 802.11n(HT20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.097500	7.12	-17.7	24.82	Vertical	40.00
59.439500	5.50	-18.8	24.30	Vertical	40.00
135.730000	12.91	-22.6	35.51	Vertical	43.50
232.342000	20.21	-17.9	38.11	Vertical	46.00
386.475000	21.86	-13.4	35.26	Vertical	46.00
958.435500	18.14	-2.6	20.74	Vertical	46.00

For 802.11b Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.243000	7.14	-17.7	24.84	Vertical	40.00
57.742000	6.33	-18.5	24.83	Vertical	40.00
119.967500	11.10	-21.4	32.50	Vertical	43.50
232.342000	19.88	-17.9	37.78	Vertical	46.00
387.639000	22.37	-13.4	35.77	Vertical	46.00
919.975000	16.05	-3.0	19.05	Vertical	46.00

For 802.11g Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
52.310000	6.83	-17.8	24.63	Vertical	40.00
57.354000	6.08	-18.5	24.58	Vertical	40.00
135.681500	12.73	-22.6	35.33	Vertical	43.50
232.390500	20.85	-17.9	38.75	Vertical	46.00
384.874500	21.29	-13.4	34.69	Vertical	46.00
707.399500	15.82	-6.9	22.72	Vertical	46.00

For 802.11n(HT20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.243000	7.10	-17.7	24.80	Vertical	40.00
58.324000	6.19	-18.6	24.79	Vertical	40.00
135.633000	12.89	-22.6	35.49	Vertical	43.50
232.342000	20.49	-17.9	38.39	Vertical	46.00
361.643000	19.65	-14.1	33.75	Vertical	46.00
957.999000	18.02	-2.6	20.62	Vertical	46.00

For 802.11b Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
45.180500	7.04	-17.9	24.94	Vertical	40.00
58.906000	5.93	-18.7	24.63	Vertical	40.00
135.730000	12.73	-22.6	35.33	Vertical	43.50
232.390500	20.92	-17.9	38.82	Vertical	46.00
375.368500	21.77	-13.7	35.47	Vertical	46.00
722.095000	16.75	-6.3	23.05	Vertical	46.00

For 802.11g Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	P _{mea} (dBuV)	Polarity	Limit (dBuV/m)
51.534000	7.13	-17.7	24.83	Vertical	40.00
59.633500	5.11	-18.8	23.91	Vertical	40.00
119.967500	11.16	-21.4	32.56	Vertical	43.50
232.293500	18.00	-17.9	35.90	Vertical	46.00
363.195000	21.65	-14.0	35.65	Vertical	46.00
716.081000	15.96	-6.5	22.46	Vertical	46.00

For 802.11n(HT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	P _{mea} (dBuV)	Polarity	Limit (dBuV/m)
43.580000	5.48	-18.1	23.58	Vertical	40.00
57.305500	5.95	-18.5	24.45	Vertical	40.00
133.305000	10.83	-22.5	33.33	Vertical	43.50
232.342000	19.84	-17.9	37.74	Vertical	46.00
390.015500	22.27	-13.3	35.57	Vertical	46.00
895.094500	15.69	-3.4	19.09	Vertical	46.00

For 802.11 n(HT40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	P _{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
51.582500	7.04	-17.7	24.74	Vertical	40.00
58.615000	6.06	-18.6	24.66	Vertical	40.00
136.894000	10.43	-22.7	33.13	Vertical	43.50
233.215000	20.36	-17.8	38.16	Vertical	46.00
377.842000	21.63	-13.6	35.23	Vertical	46.00
944.661500	16.01	-2.8	18.81	Vertical	46.00

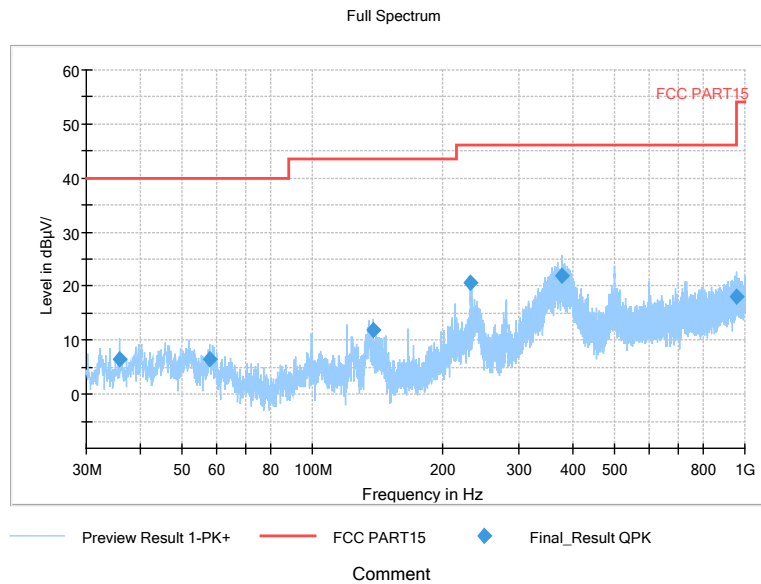
For 802.11 n(HT40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	P _{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
45.956500	6.98	-17.8	24.78	Vertical	40.00
57.693500	6.16	-18.5	24.66	Vertical	40.00
135.293500	11.53	-22.6	34.13	Vertical	43.50
232.536000	18.66	-17.9	36.56	Vertical	46.00
362.031000	21.42	-14.1	35.52	Vertical	46.00
903.436500	15.74	-3.2	18.94	Vertical	46.00

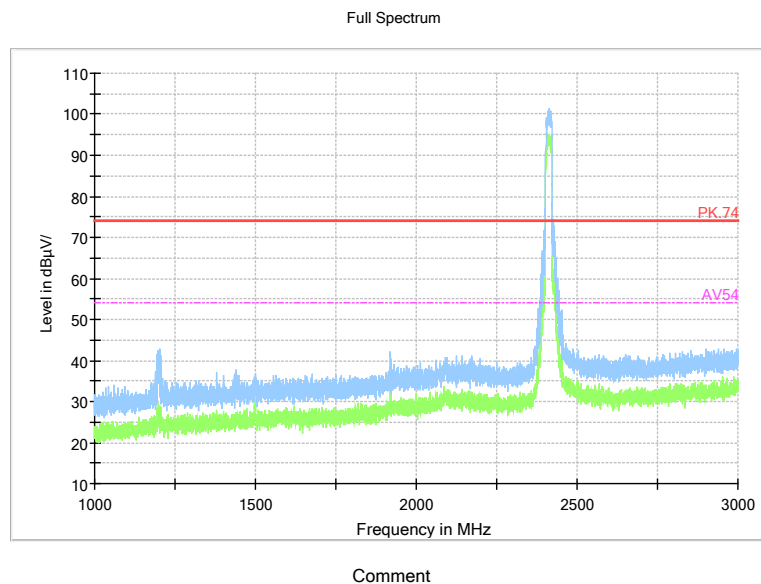
For 802.11 n(HT40) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	P _{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
51.340000	7.11	-17.7	24.81	Vertical	40.00
56.772000	5.54	-18.4	23.94	Vertical	40.00
135.730000	12.86	-22.6	35.46	Vertical	43.50
233.263500	19.04	-17.8	36.84	Vertical	46.00
499.722500	23.28	-10.8	34.08	Vertical	46.00
959.357000	18.04	-2.6	20.64	Vertical	46.00

Carrier frequency (MHz): 2412
Channel No.:1

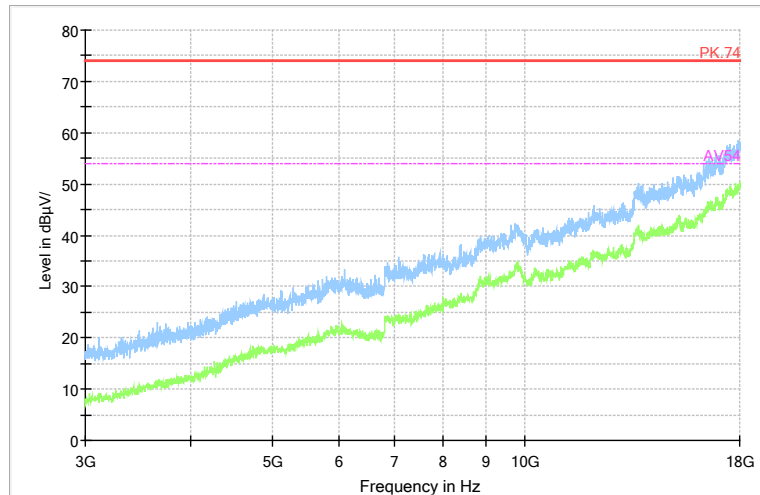


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

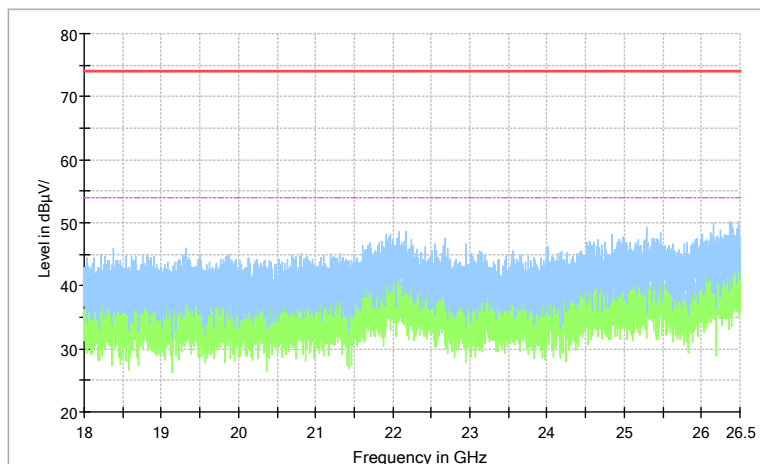
Full Spectrum



Comment

Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

Full Spectrum

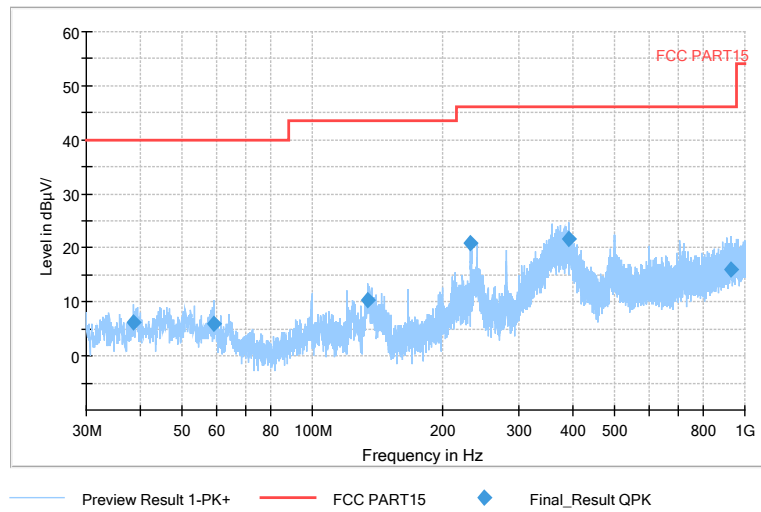


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

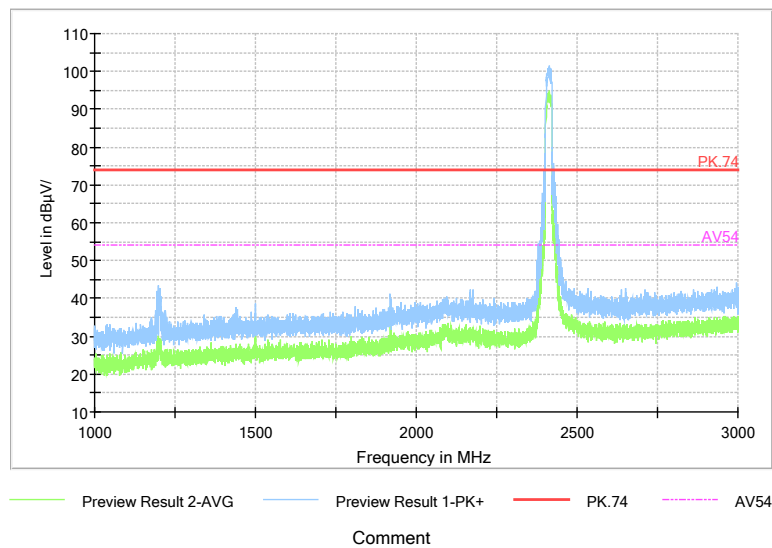
Full Spectrum



Comment

Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g

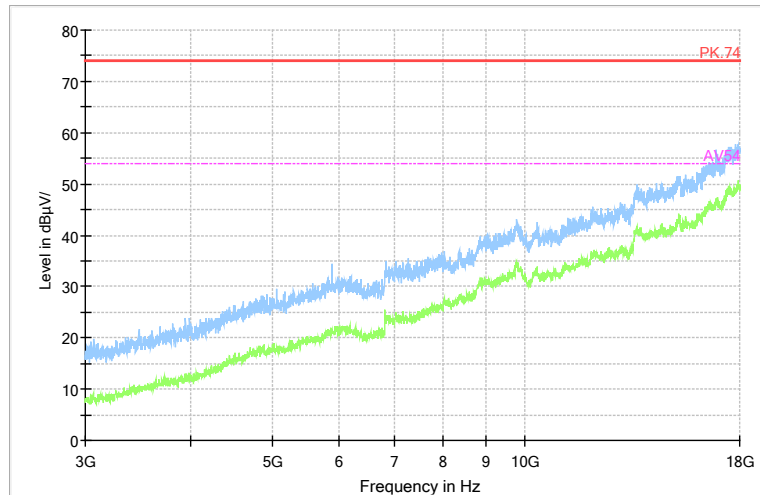
Full Spectrum



Comment

Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

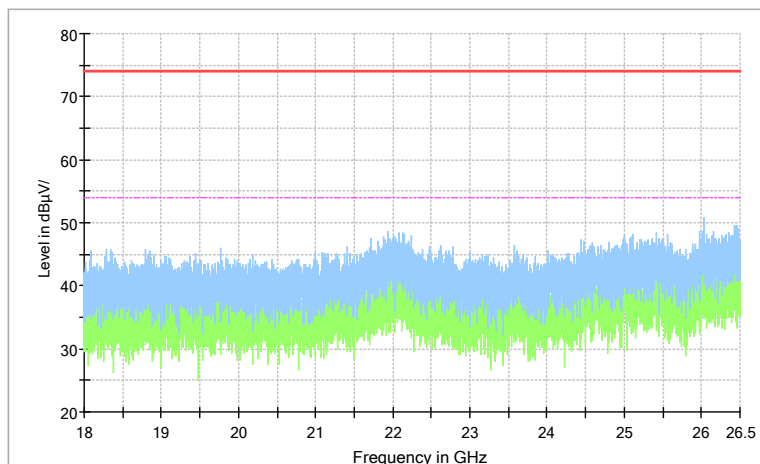
Full Spectrum



Comment

Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum

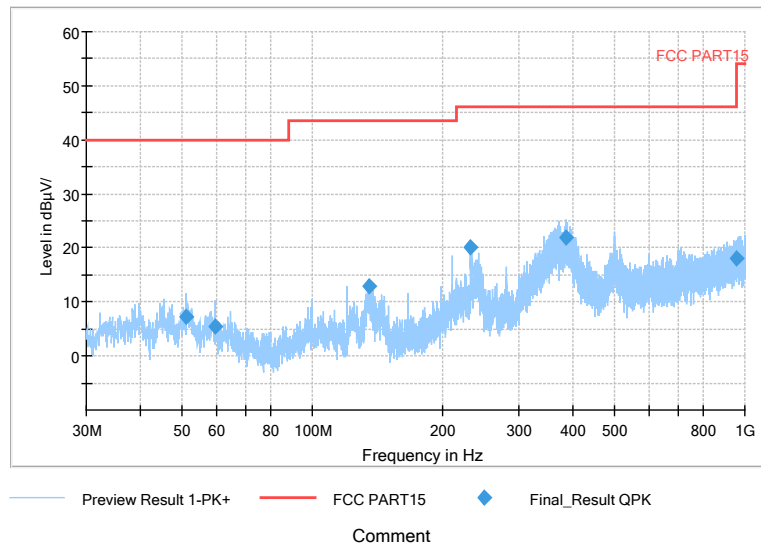


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

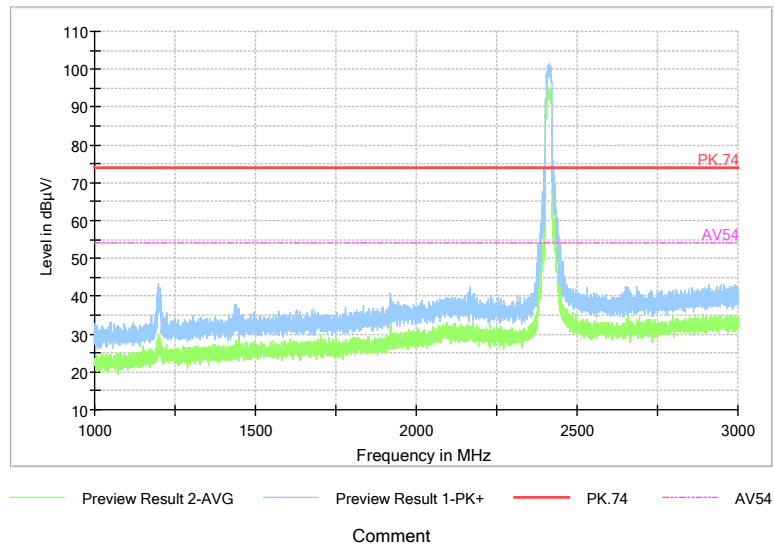
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum



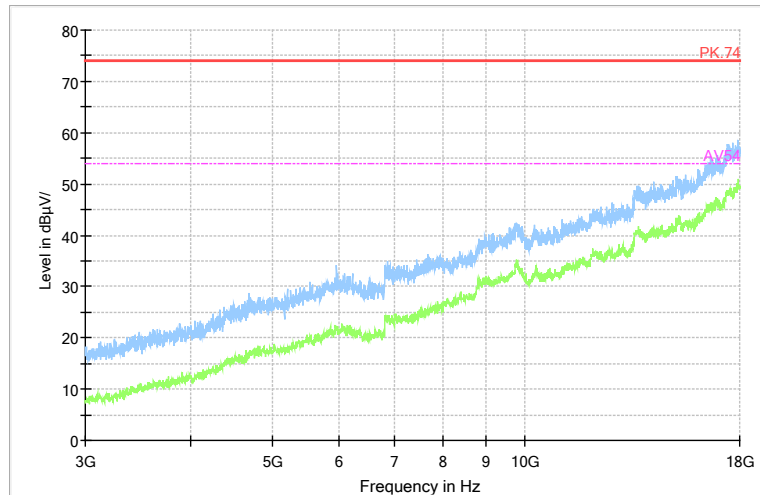
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)

Full Spectrum



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

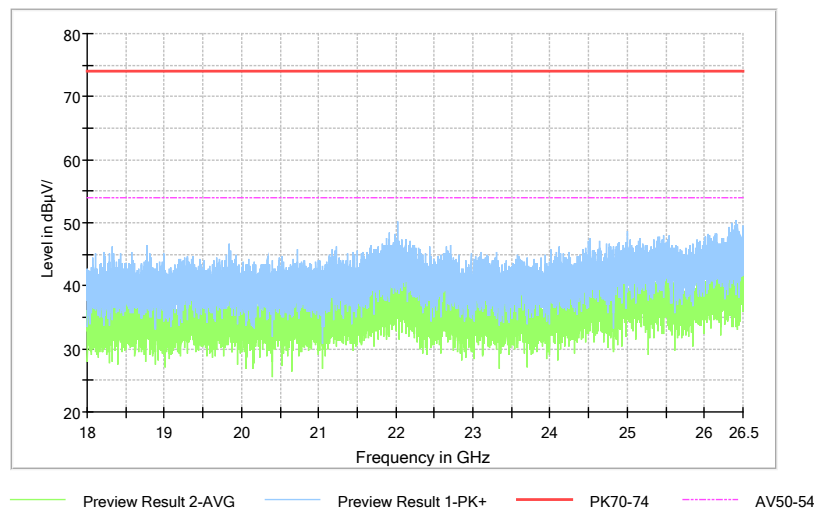
Full Spectrum



Comment

Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Full Spectrum



Comment

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Carrier frequency (MHz): 2437
Channel No.:6

The State Radio_monitoring_center Testing Center (SRTC)

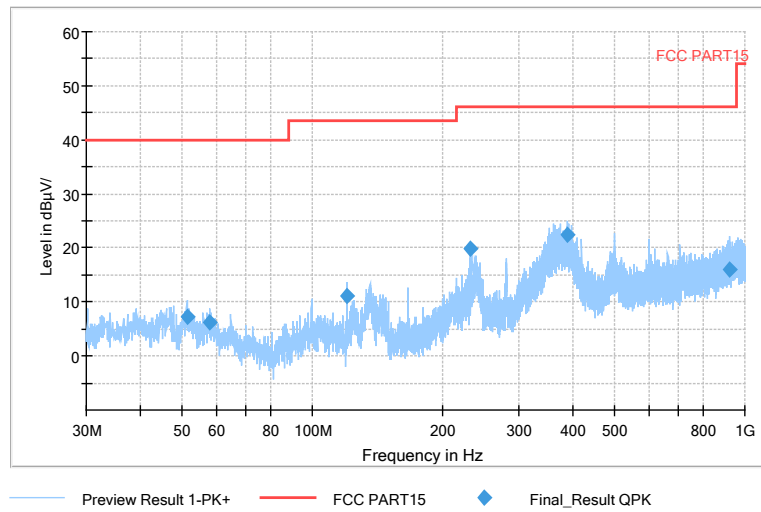
Tel: 86-10-57996183

Fax: 86-10-57996388

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V3.0.0

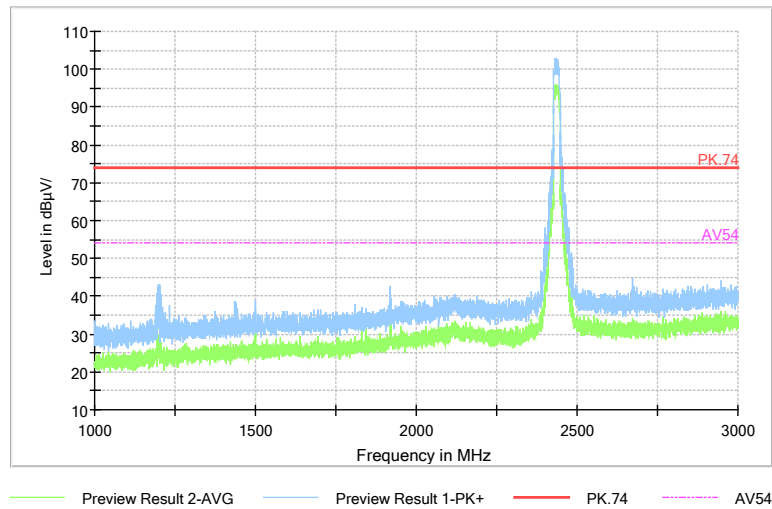
Full Spectrum



Comment

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b

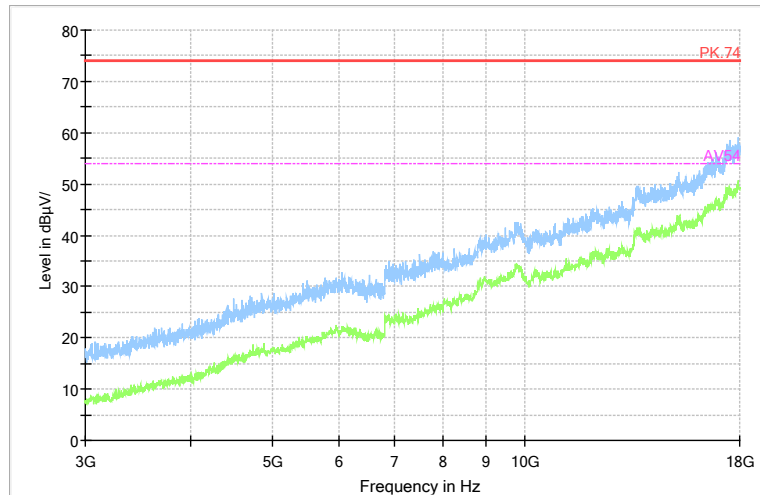
Full Spectrum



Comment

Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

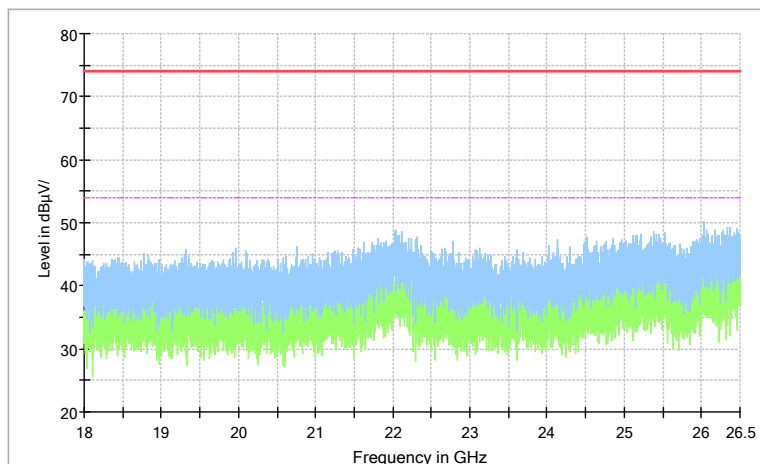
Full Spectrum



Comment

Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b