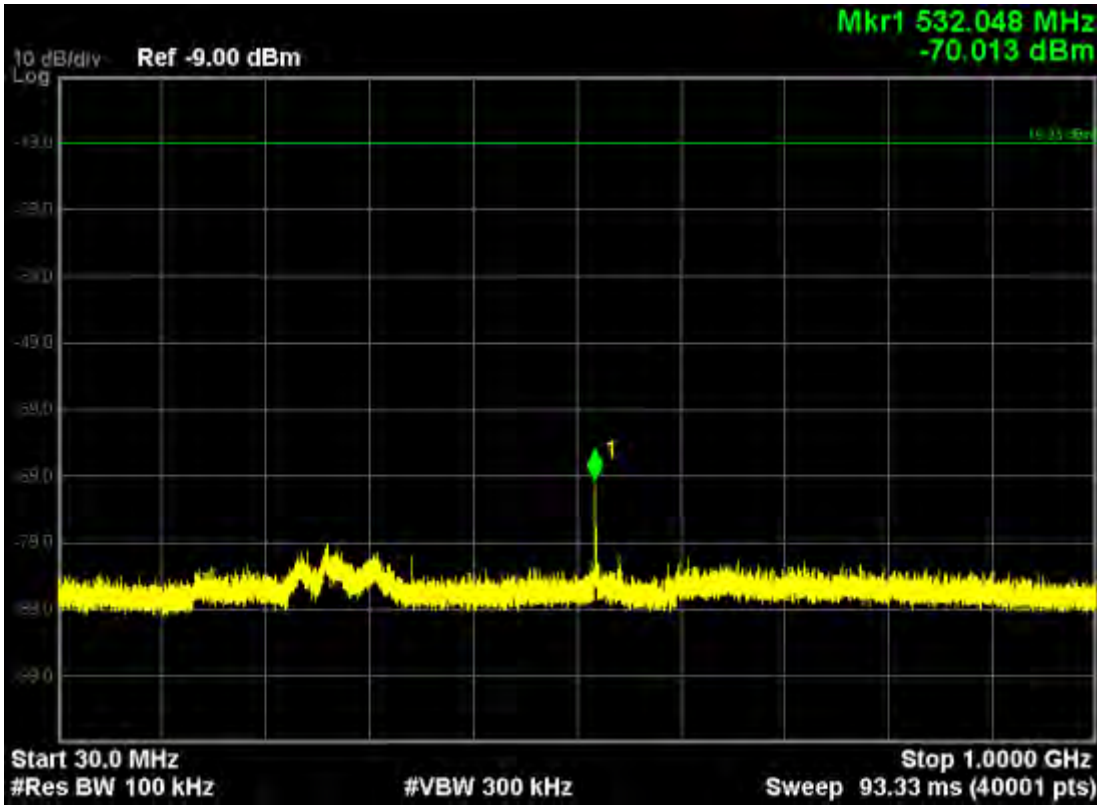
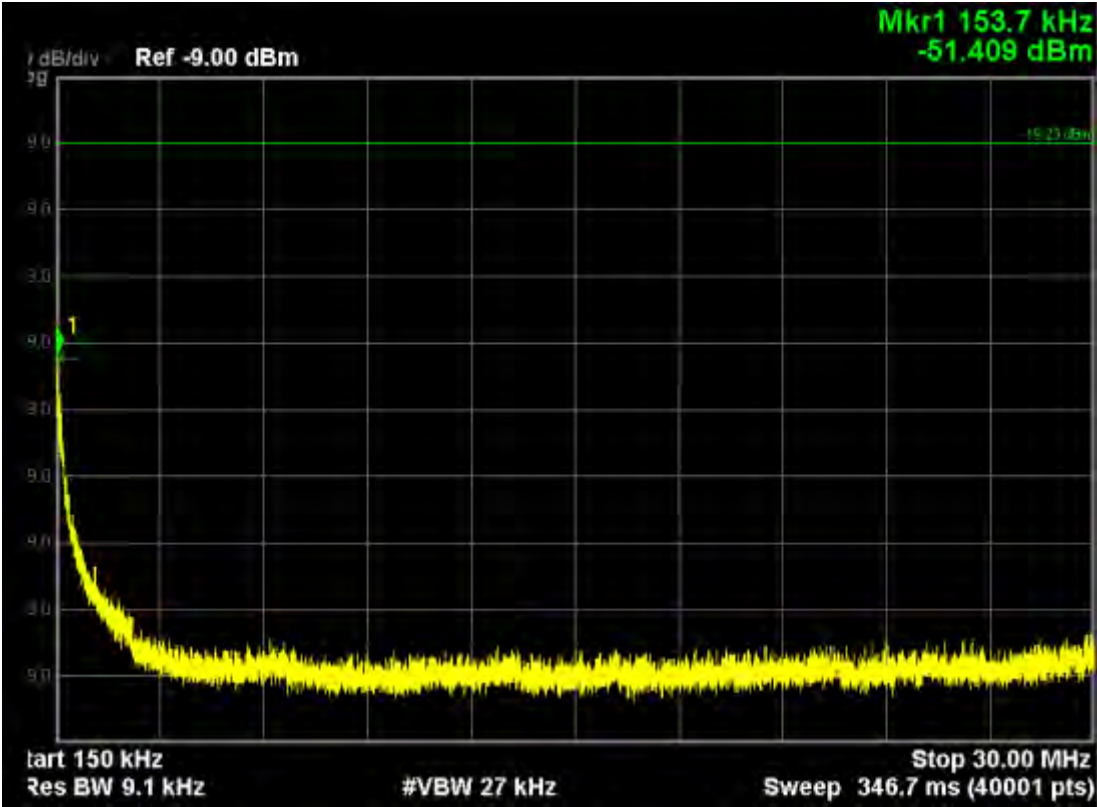
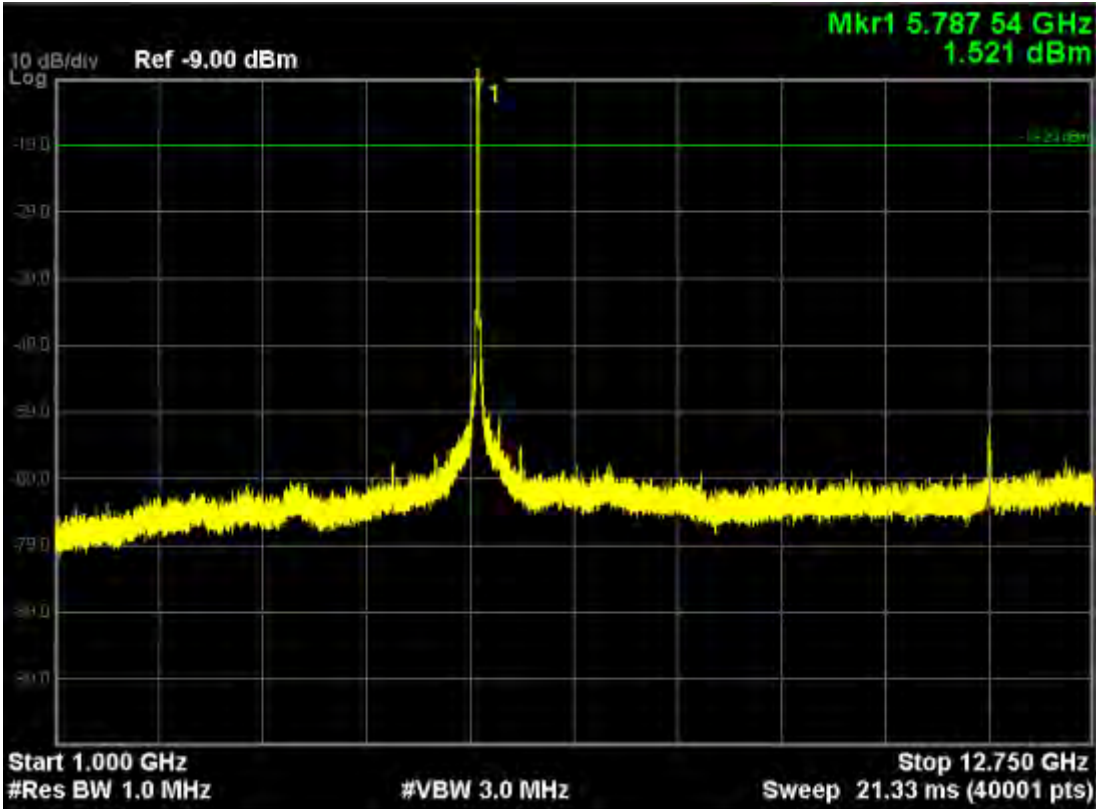
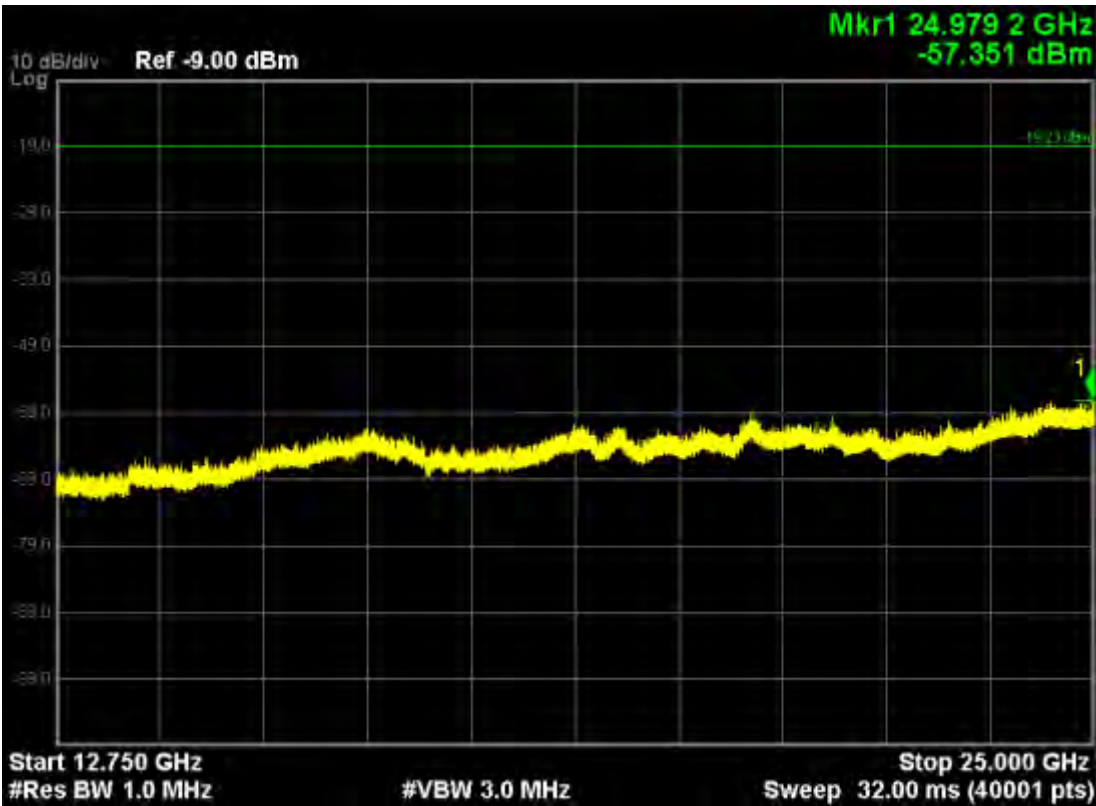


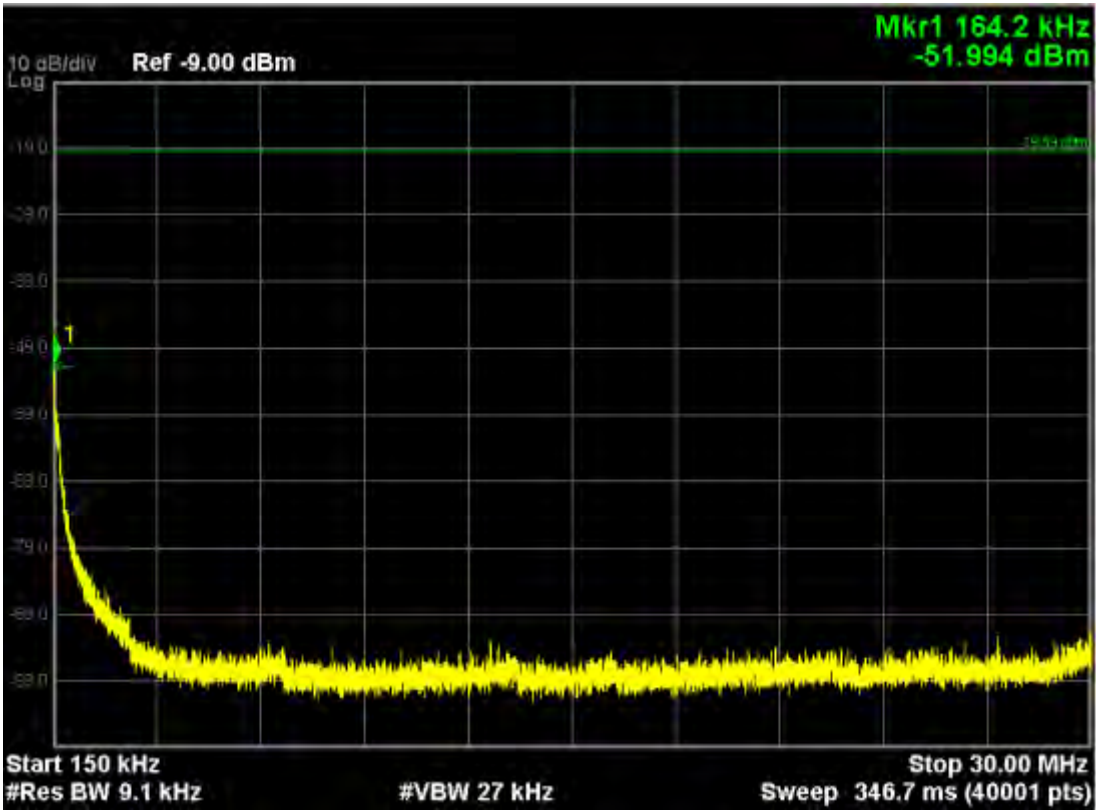
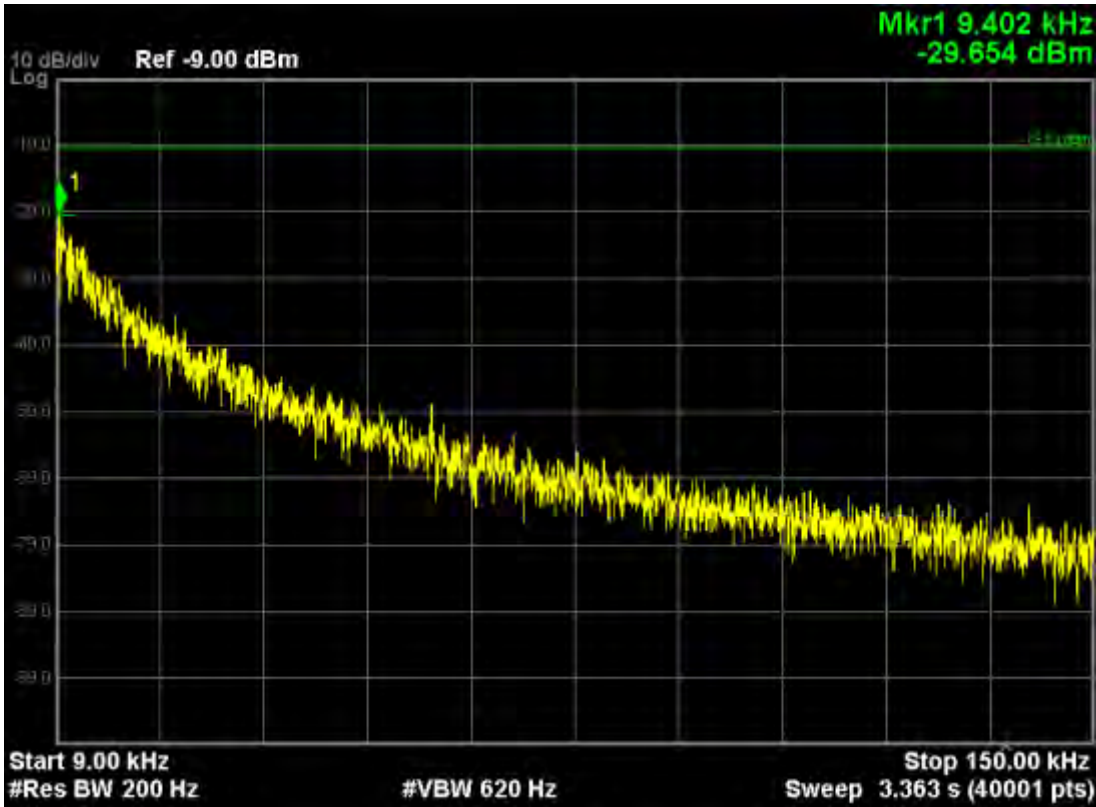


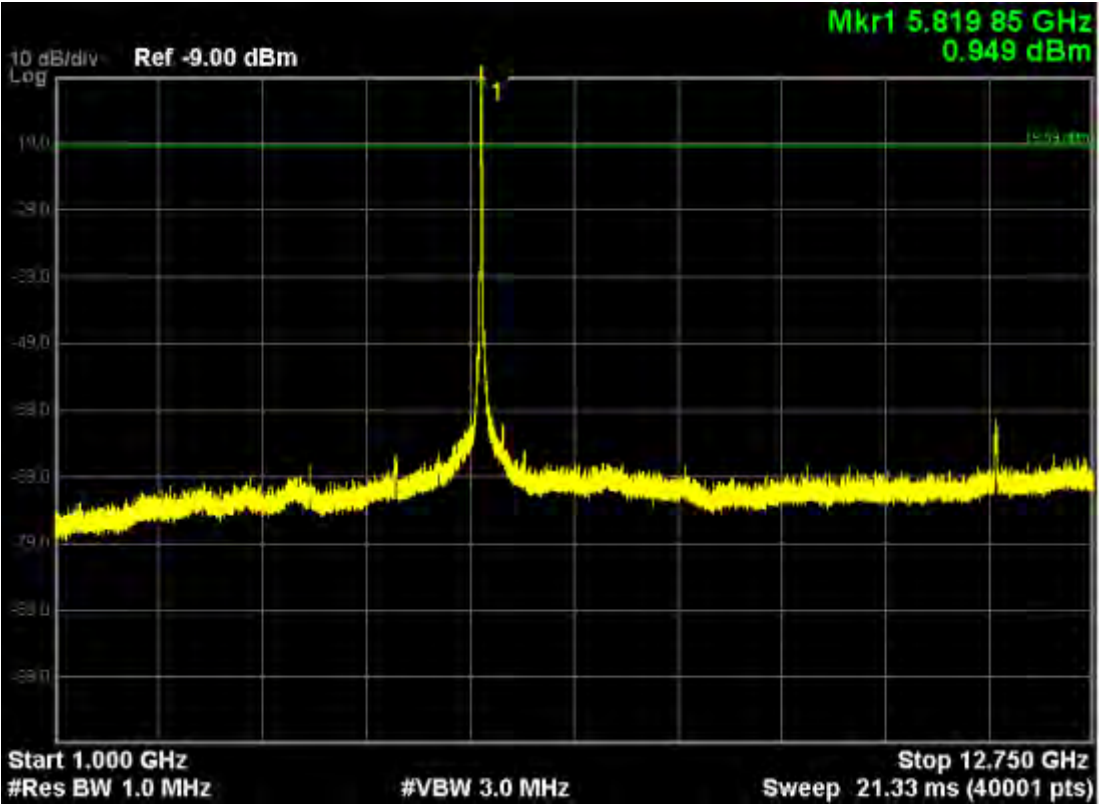
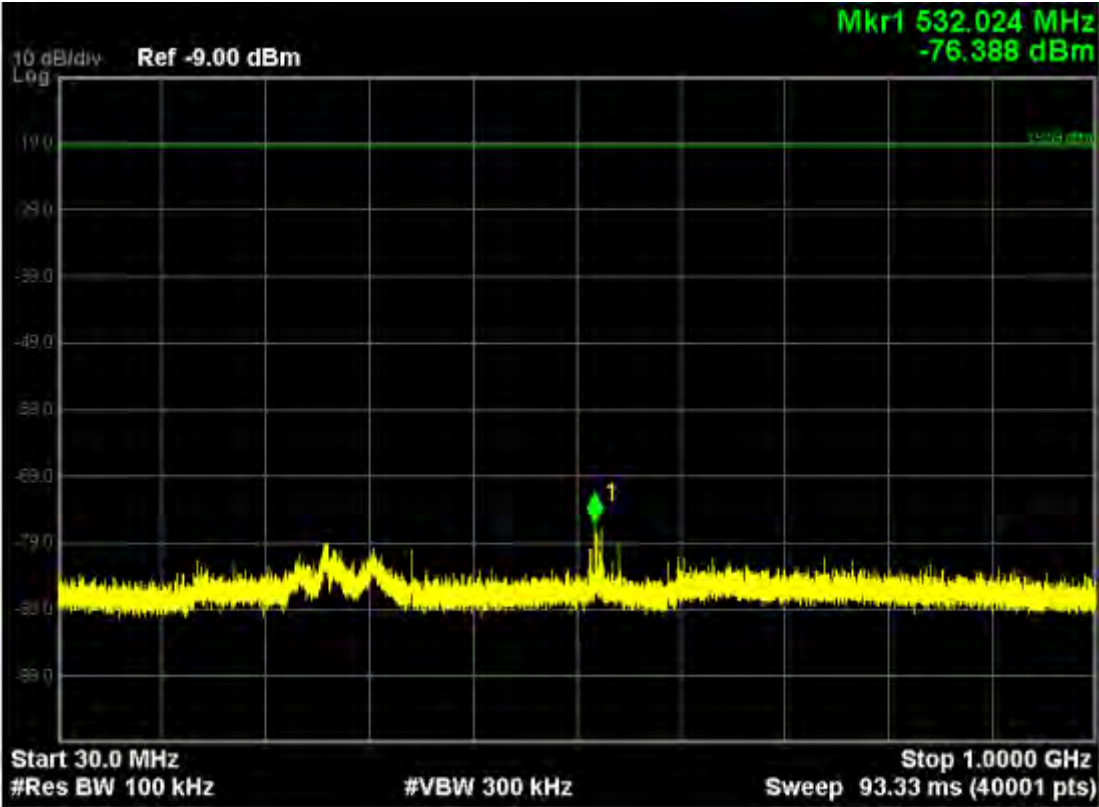


Note: The Mark1 point is carrier.

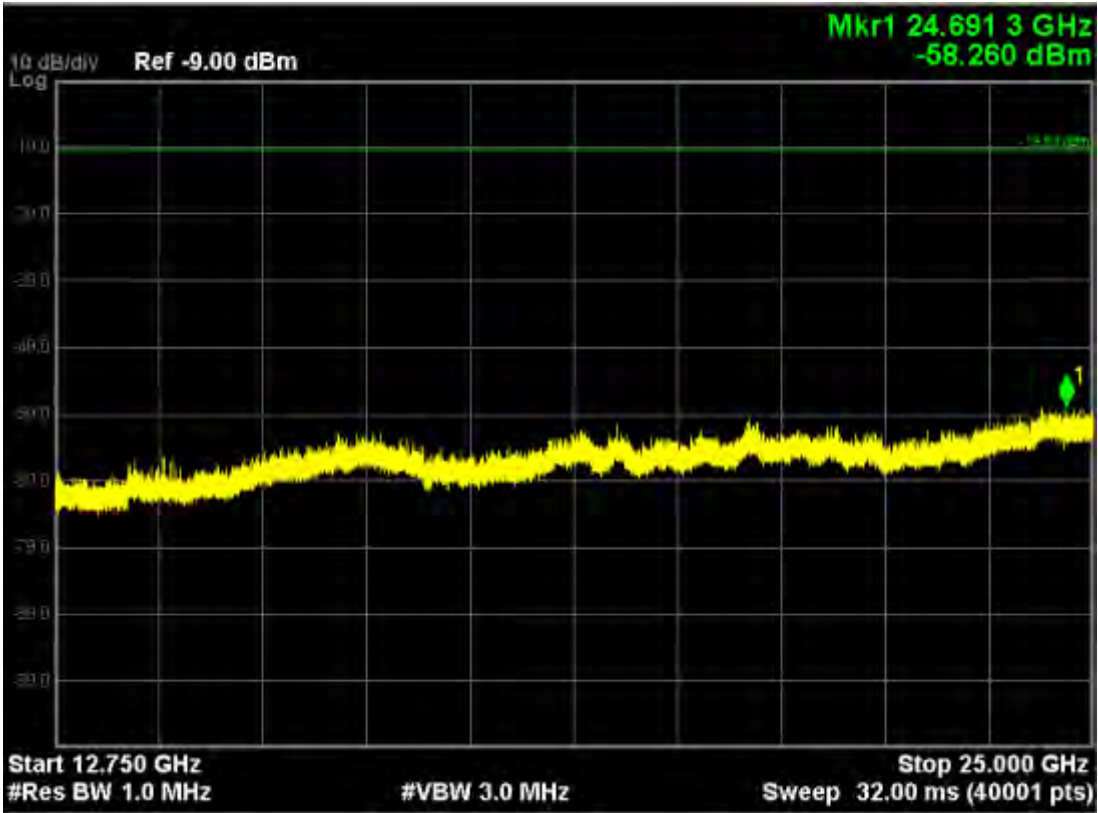


802.11a, traffic mode; Channel 165

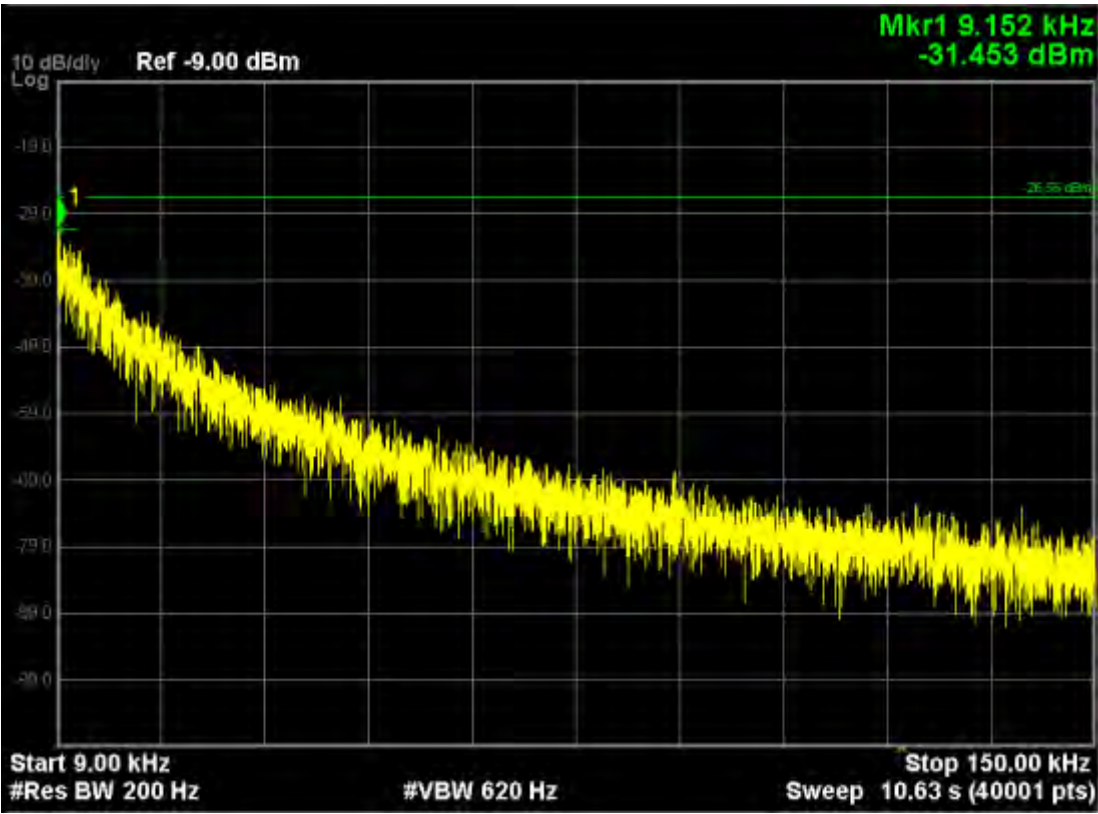


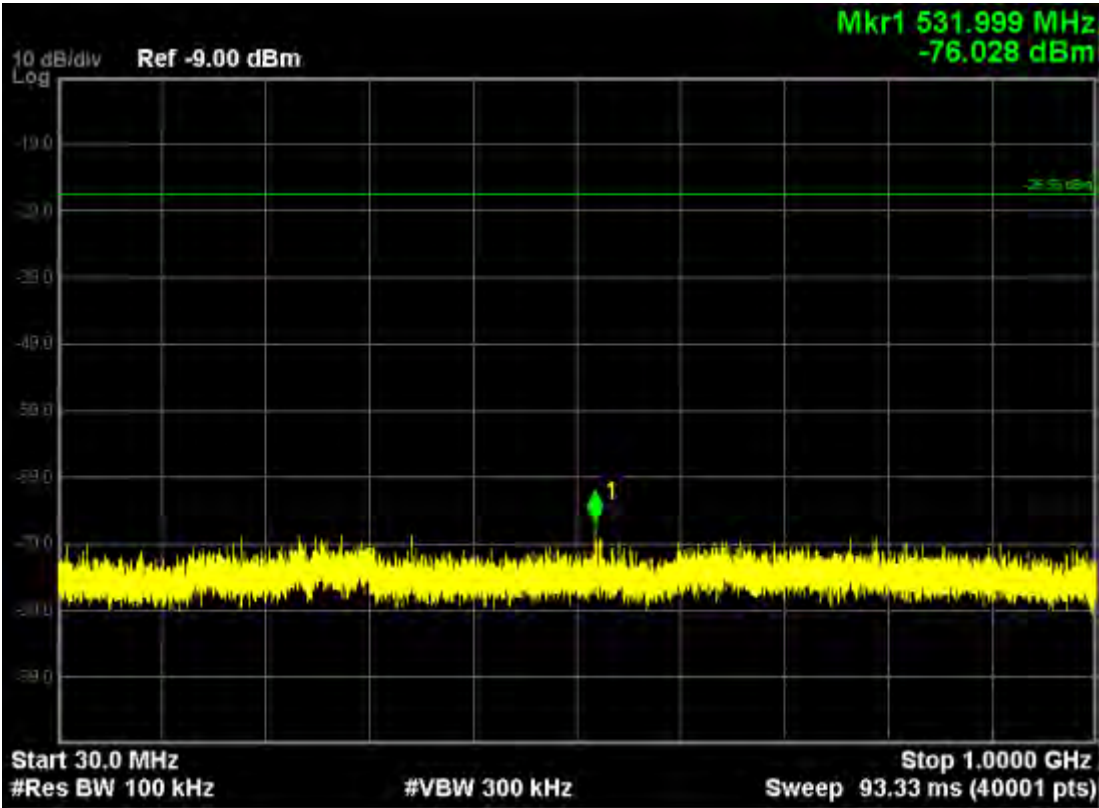
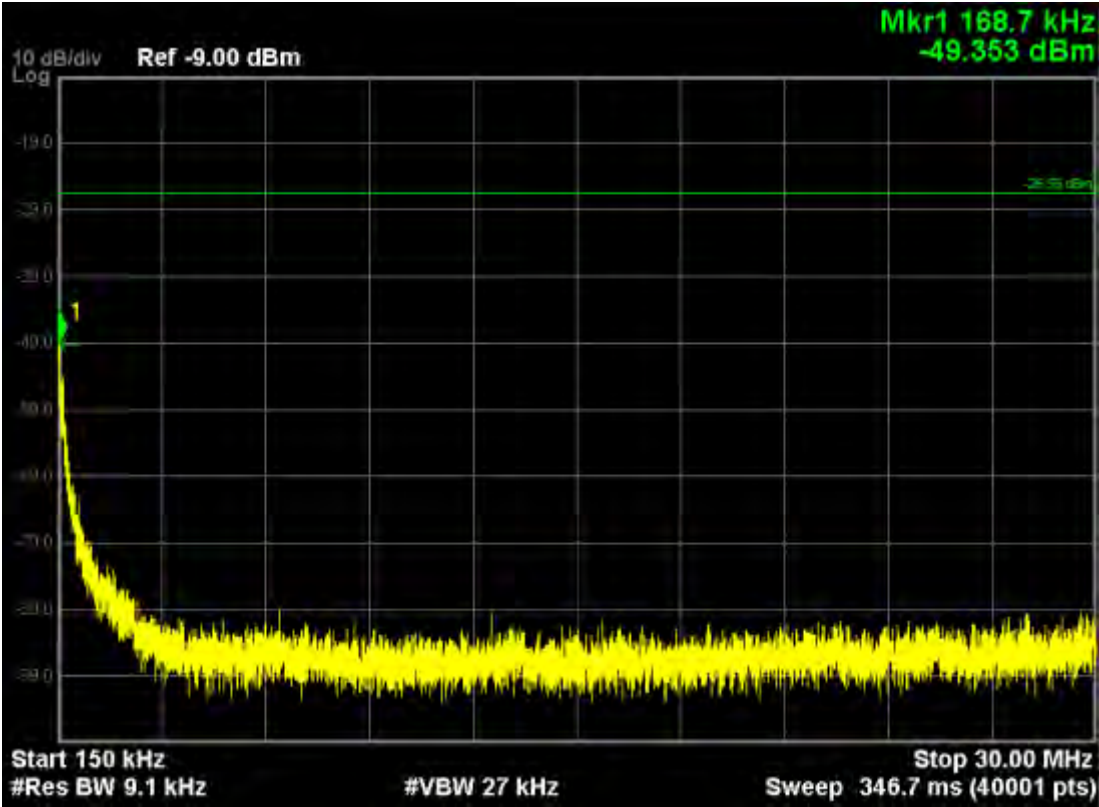


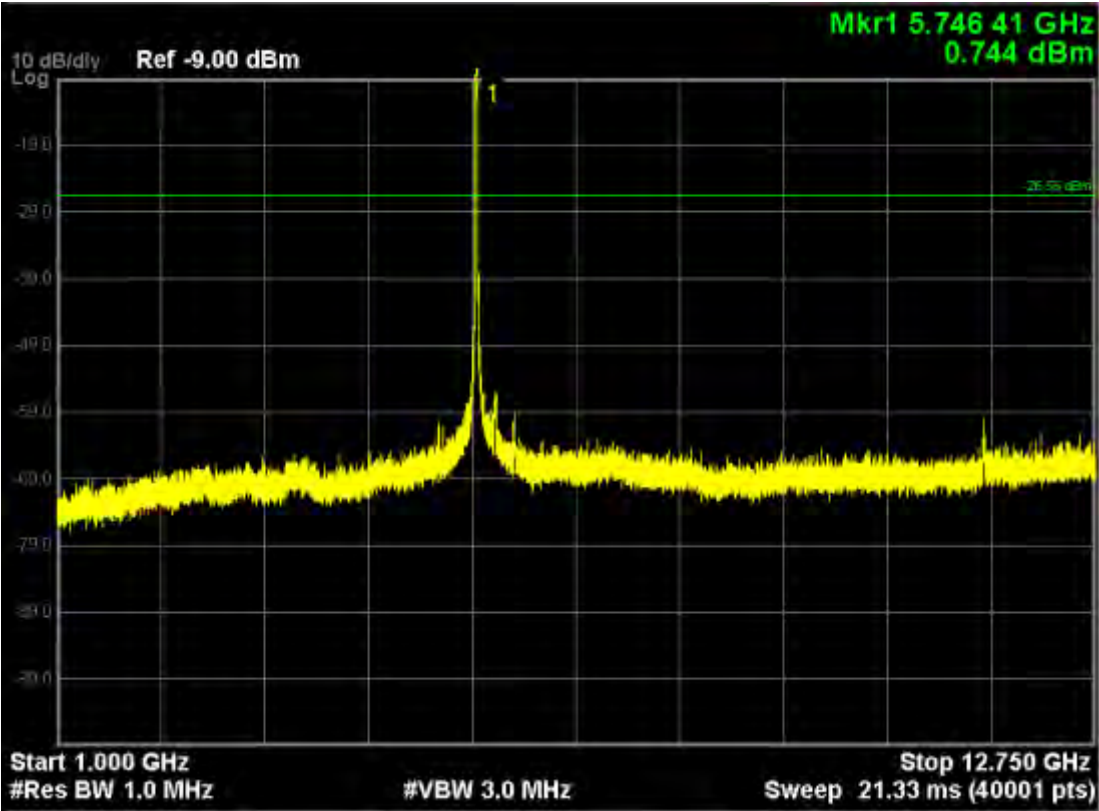
Note: The Mark1 point is carrier.



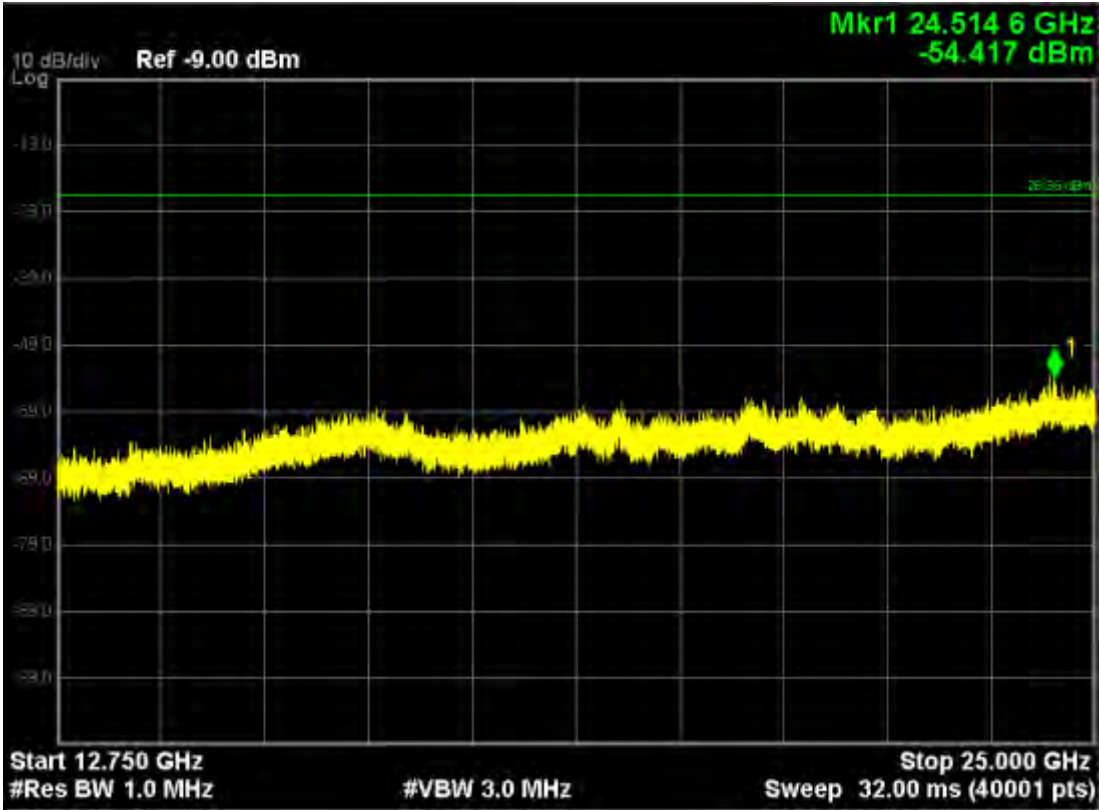
802.11n20, traffic mode; Channel 149



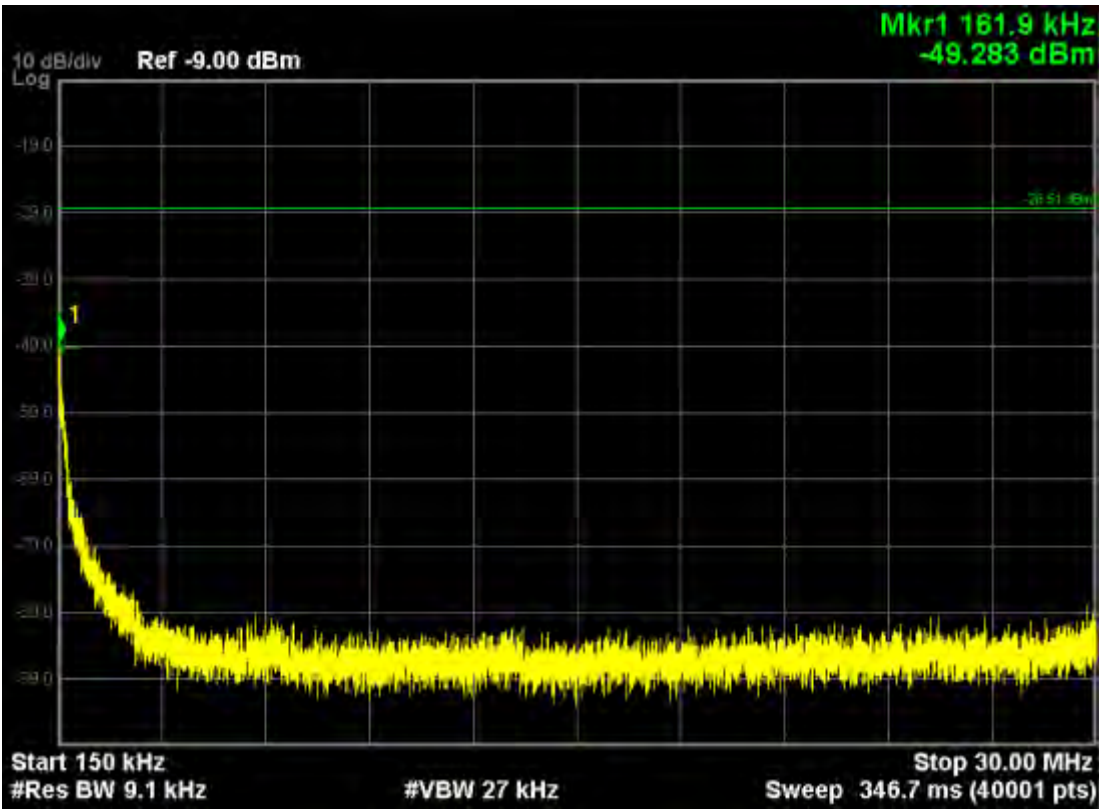
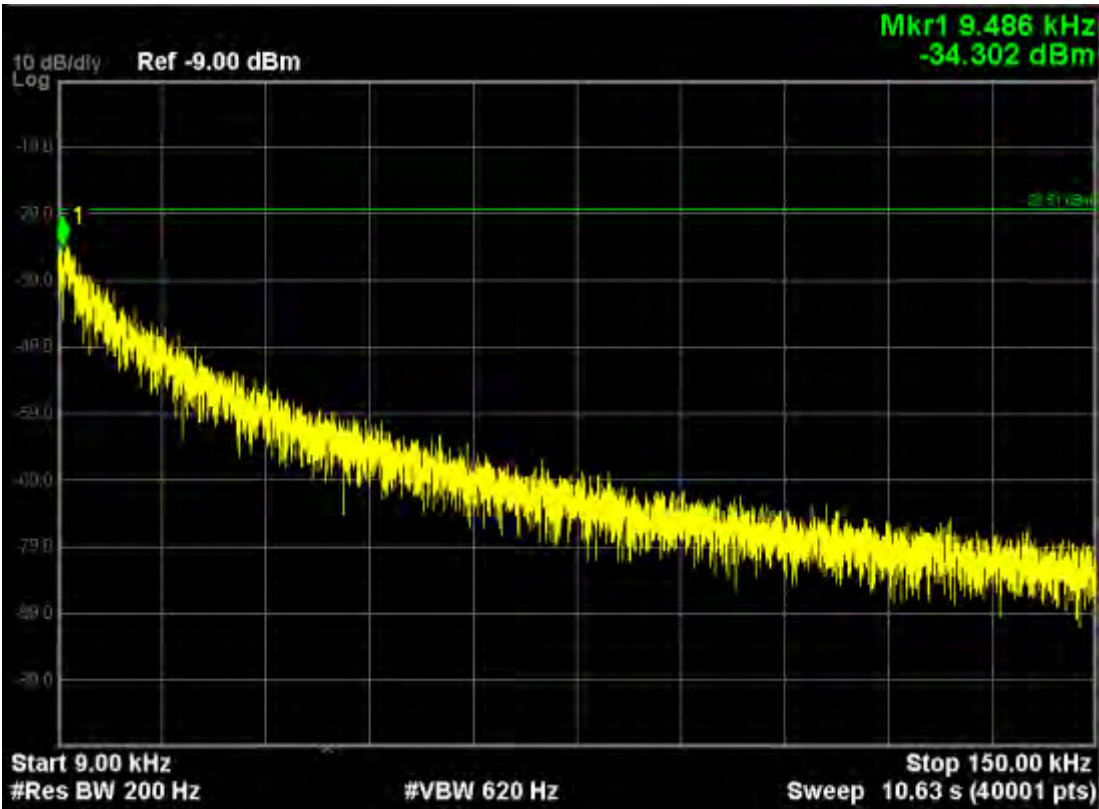


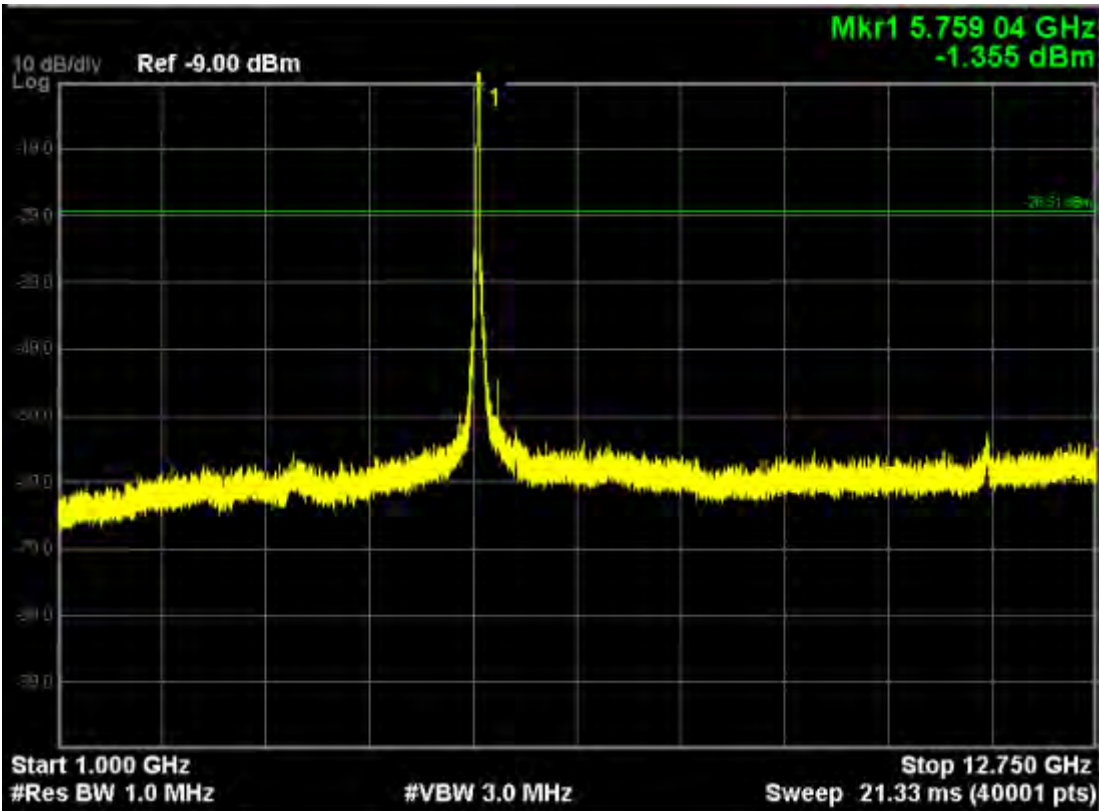
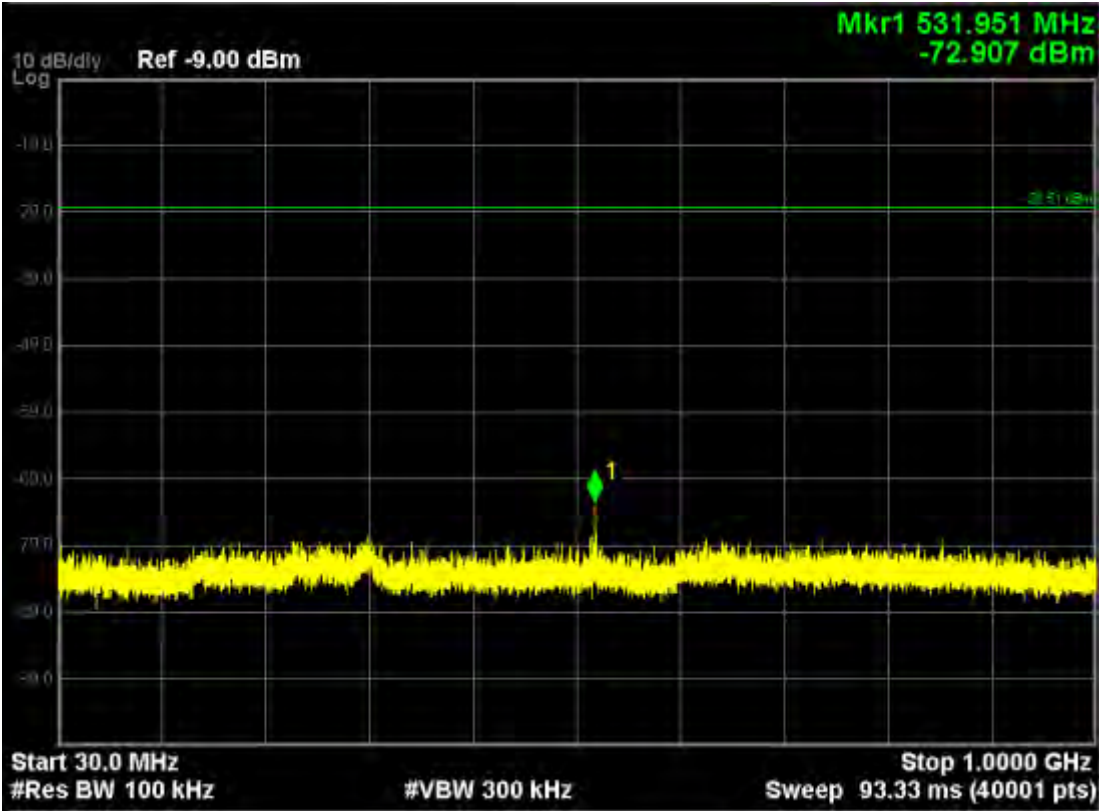


Note: The Mark1 point is carrier.

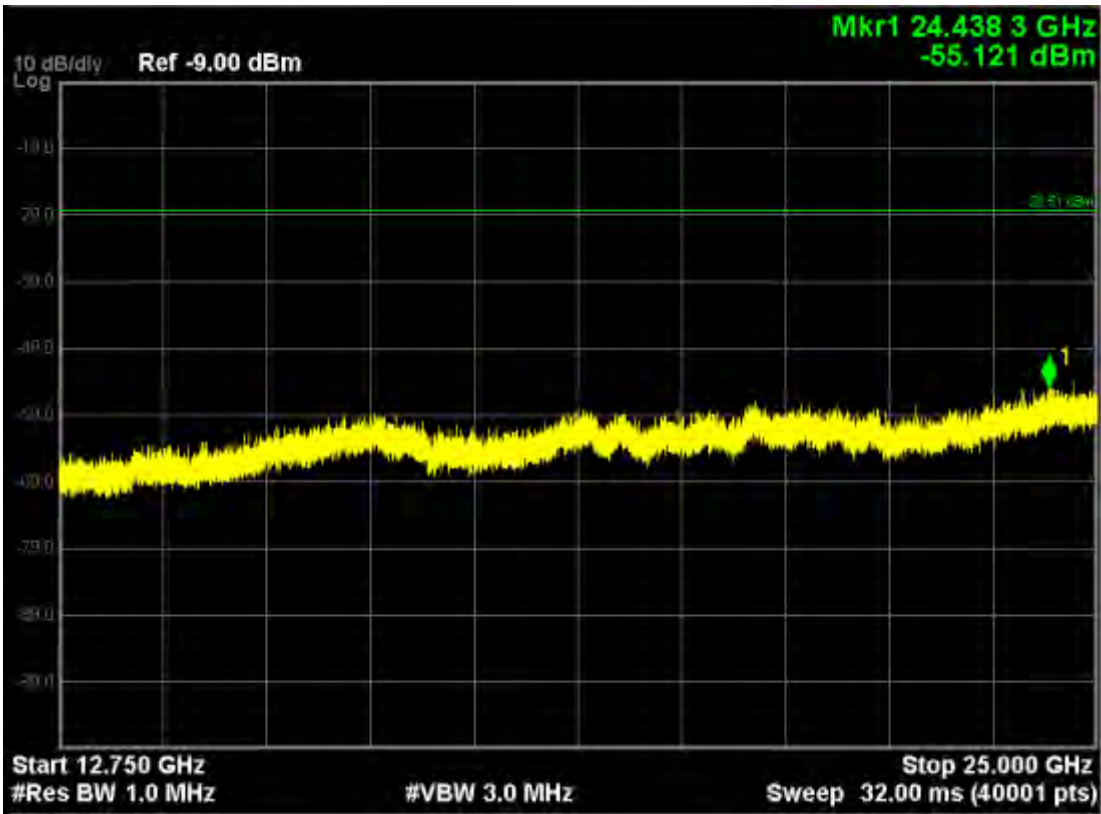


802.11n20, traffic mode; Channel 149(mimo)

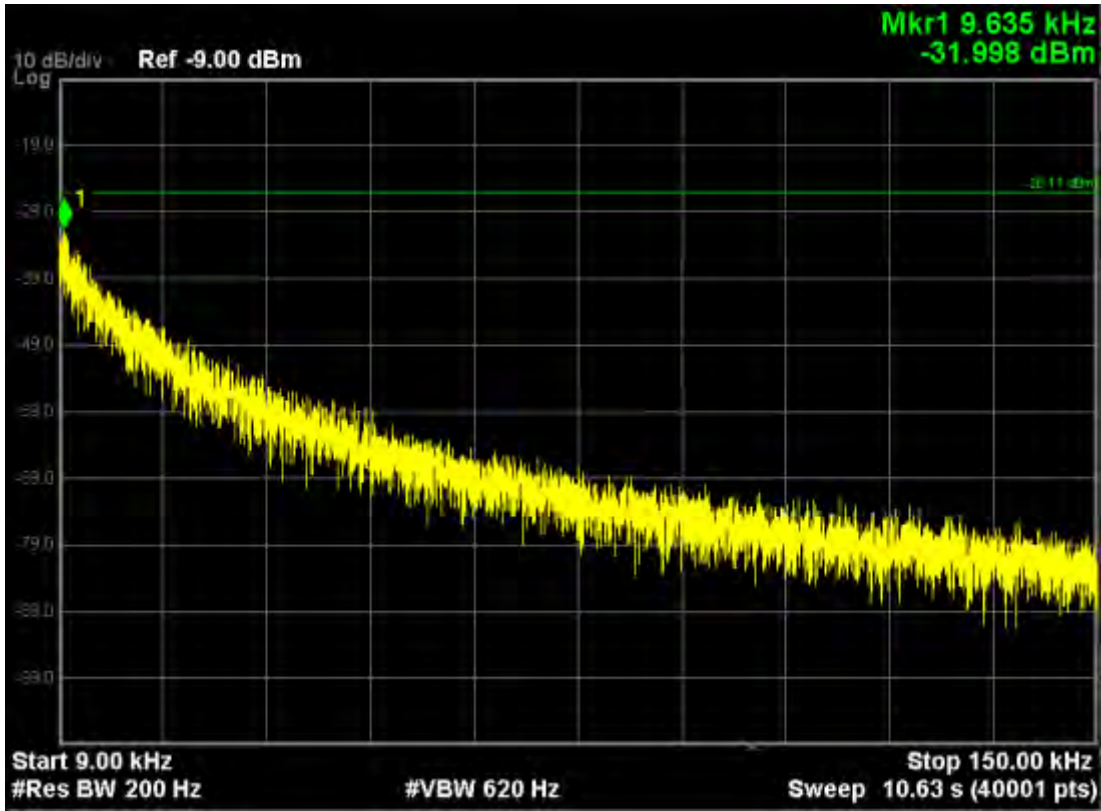


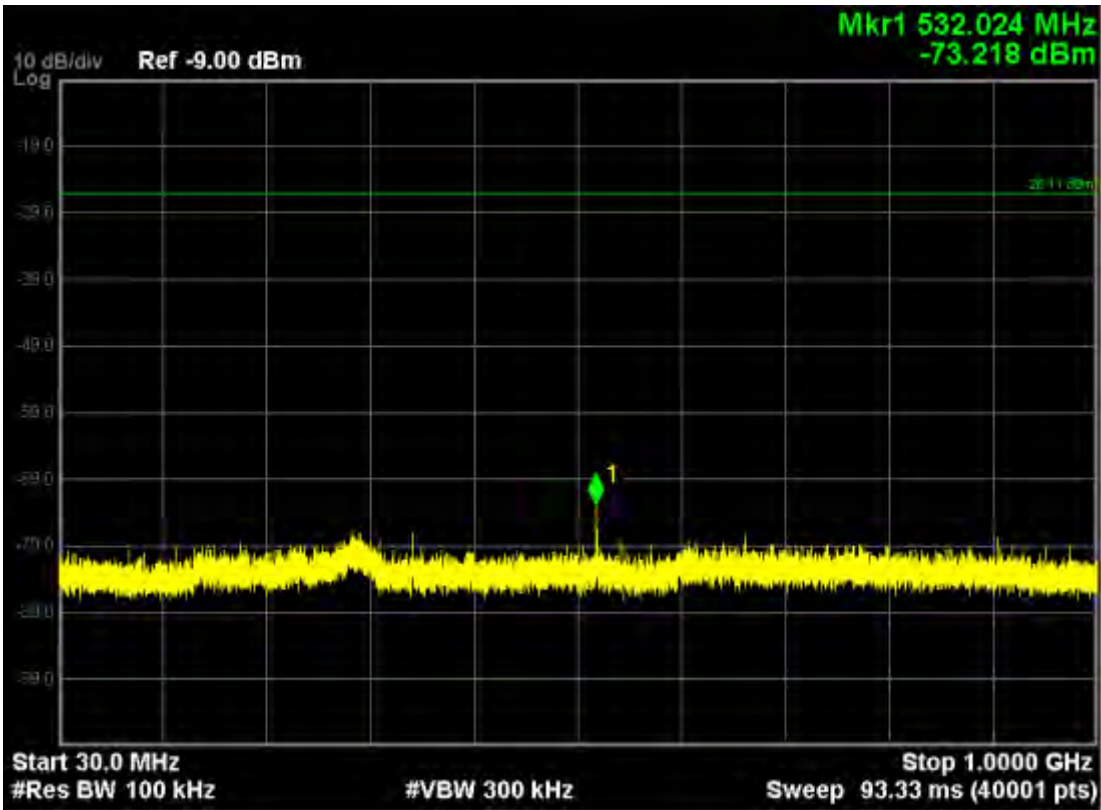
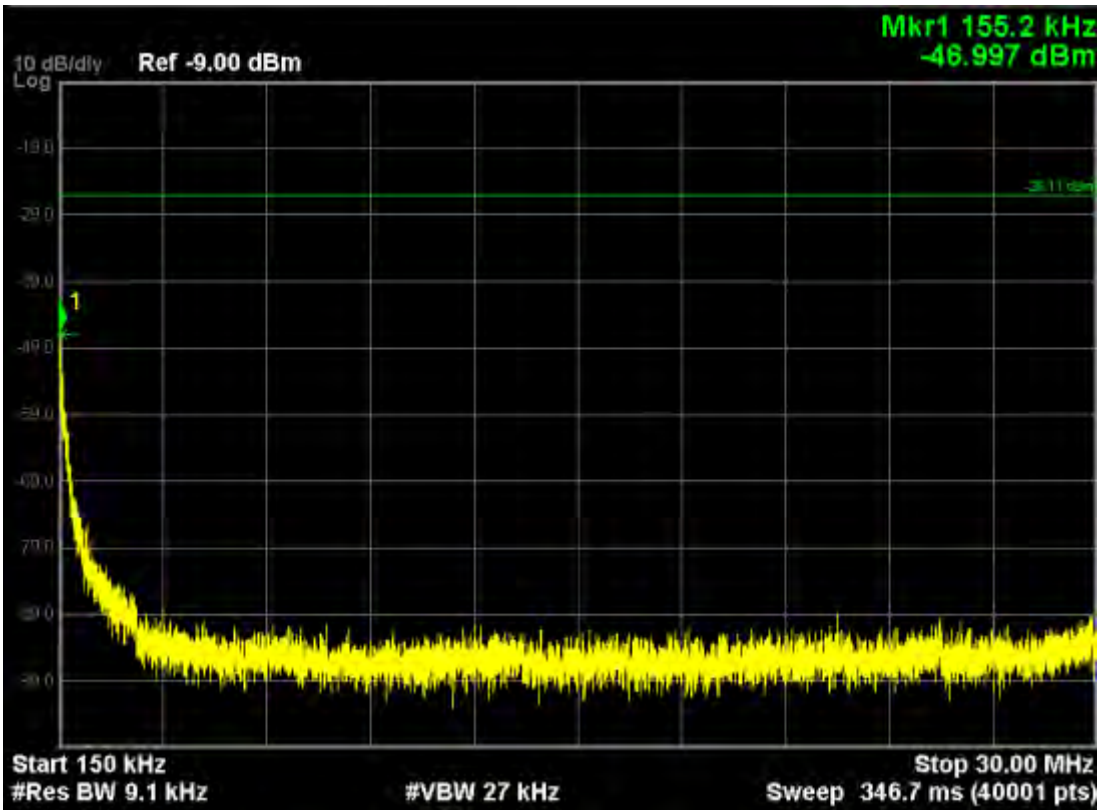


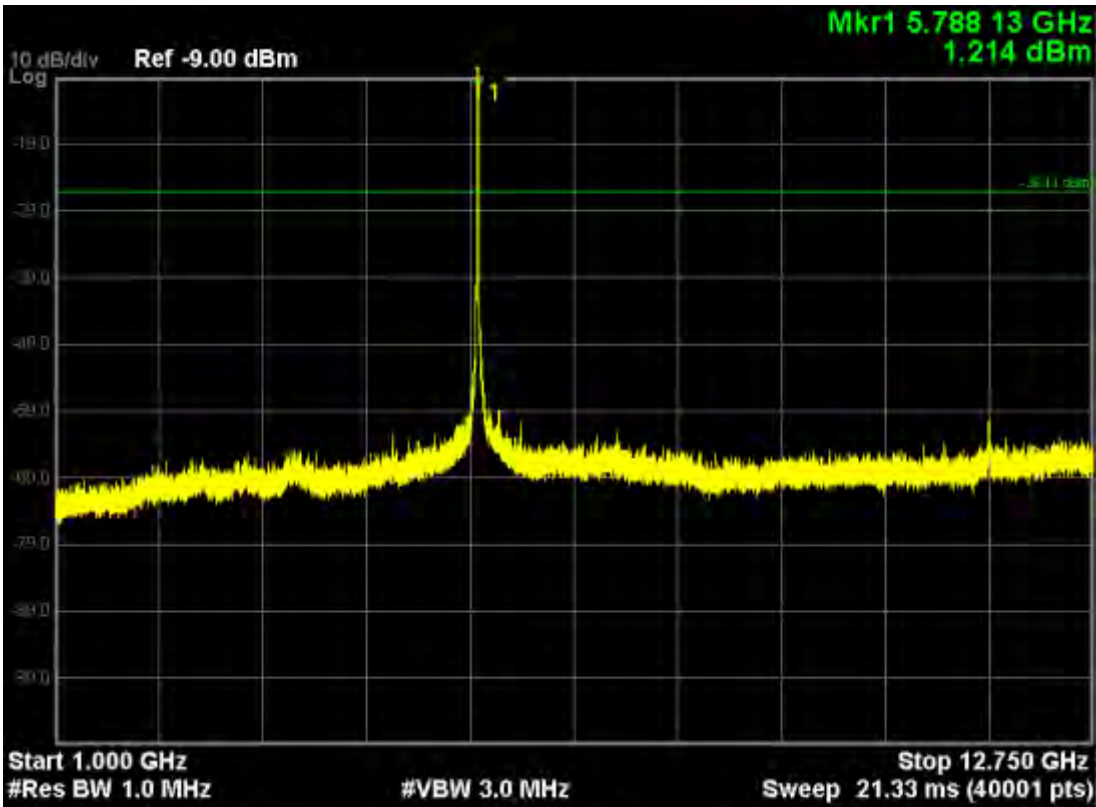
Note: The Mark1 point is carrier.



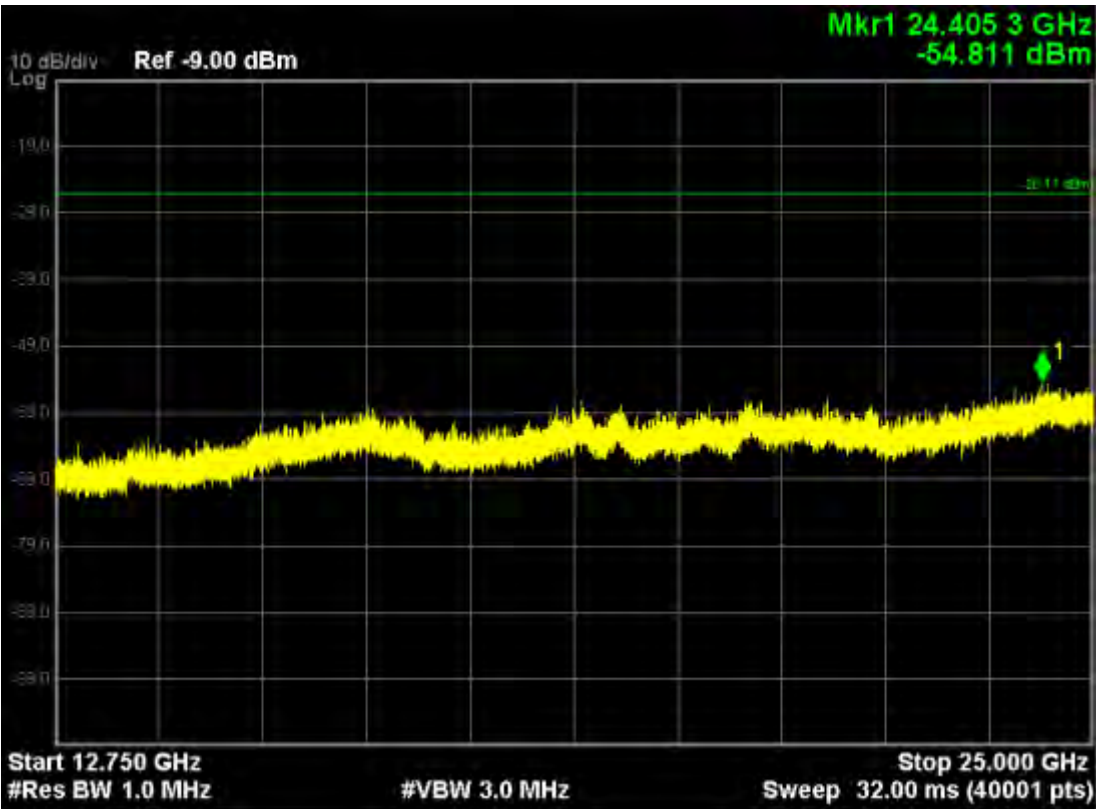
802.11n20, traffic mode; Channel 157



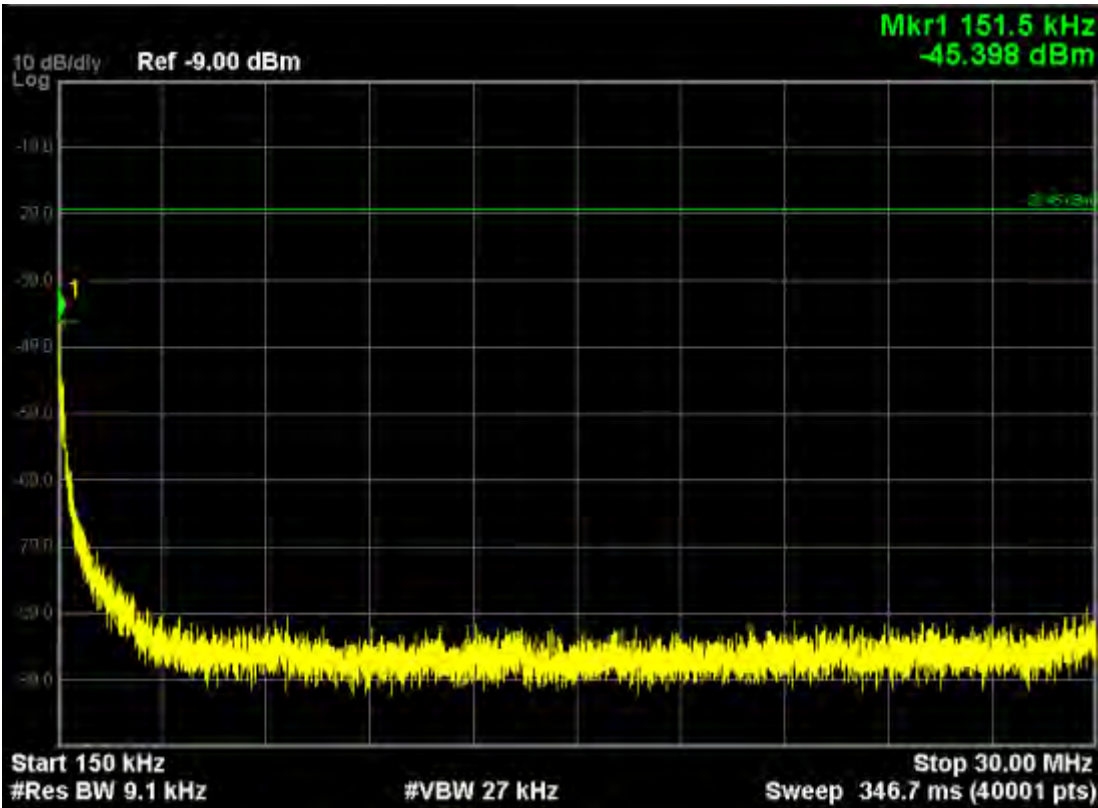
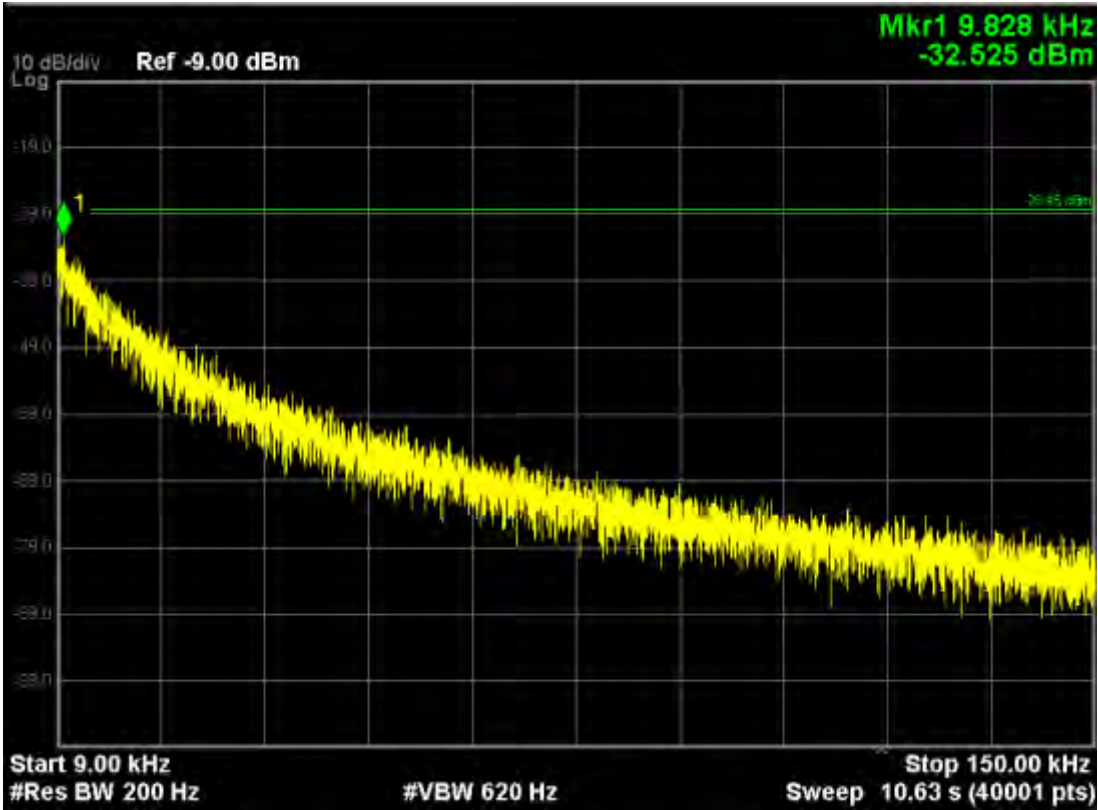


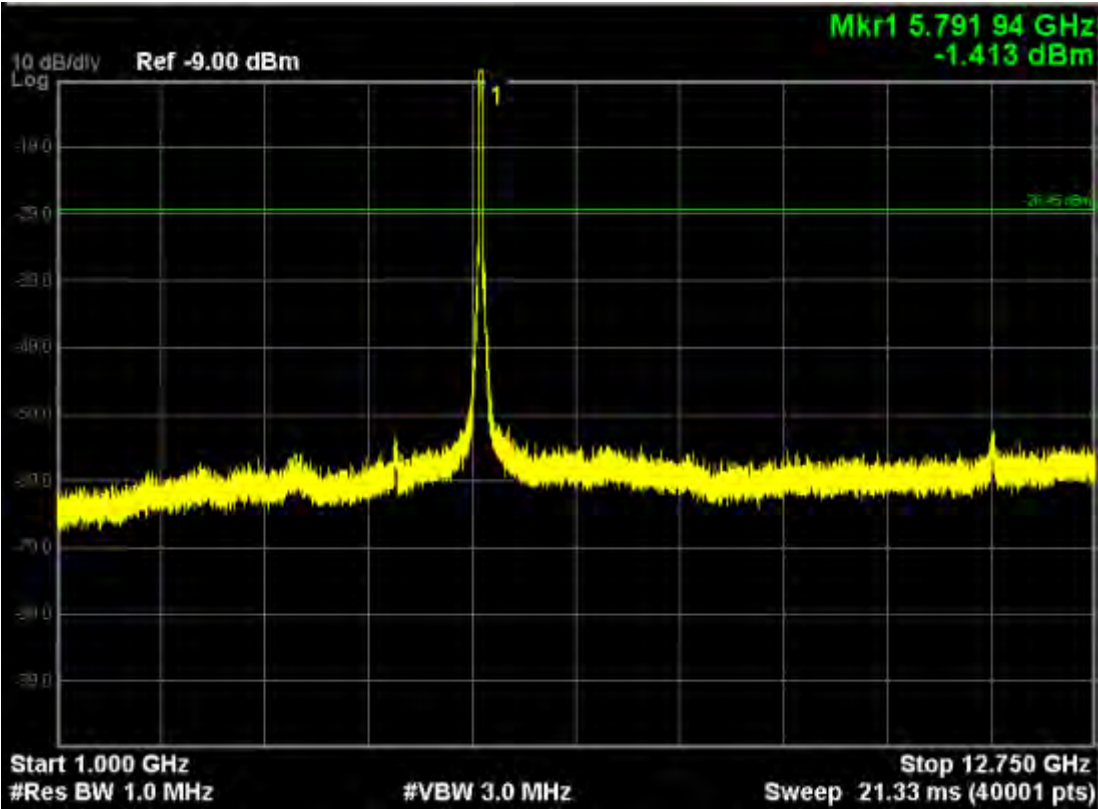
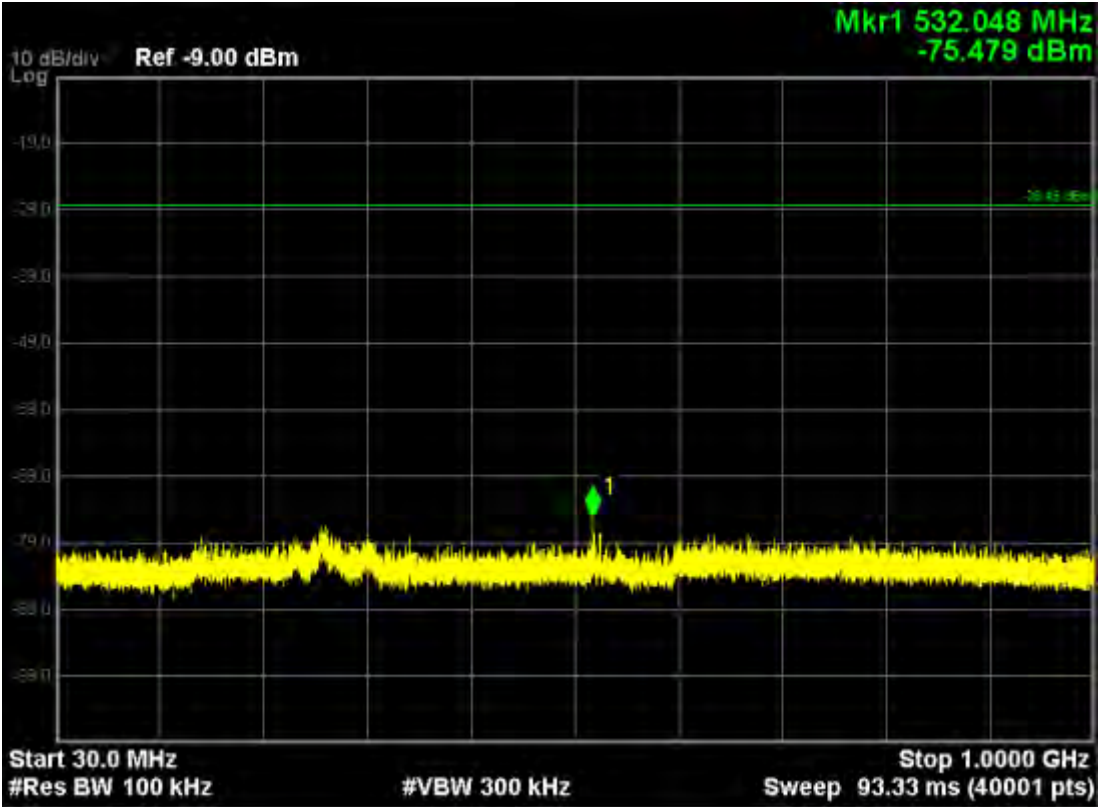


Note: The Mark1 point is carrier.

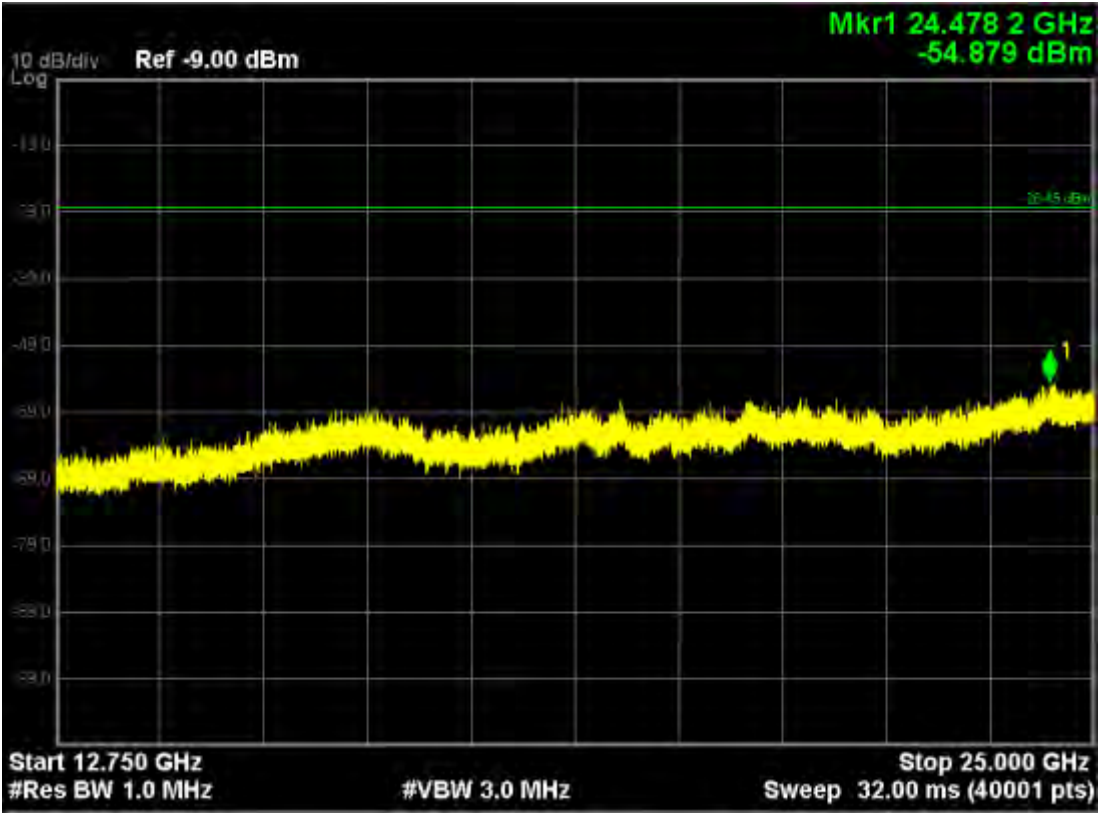


802.11n20, traffic mode; Channel 157(mimo)

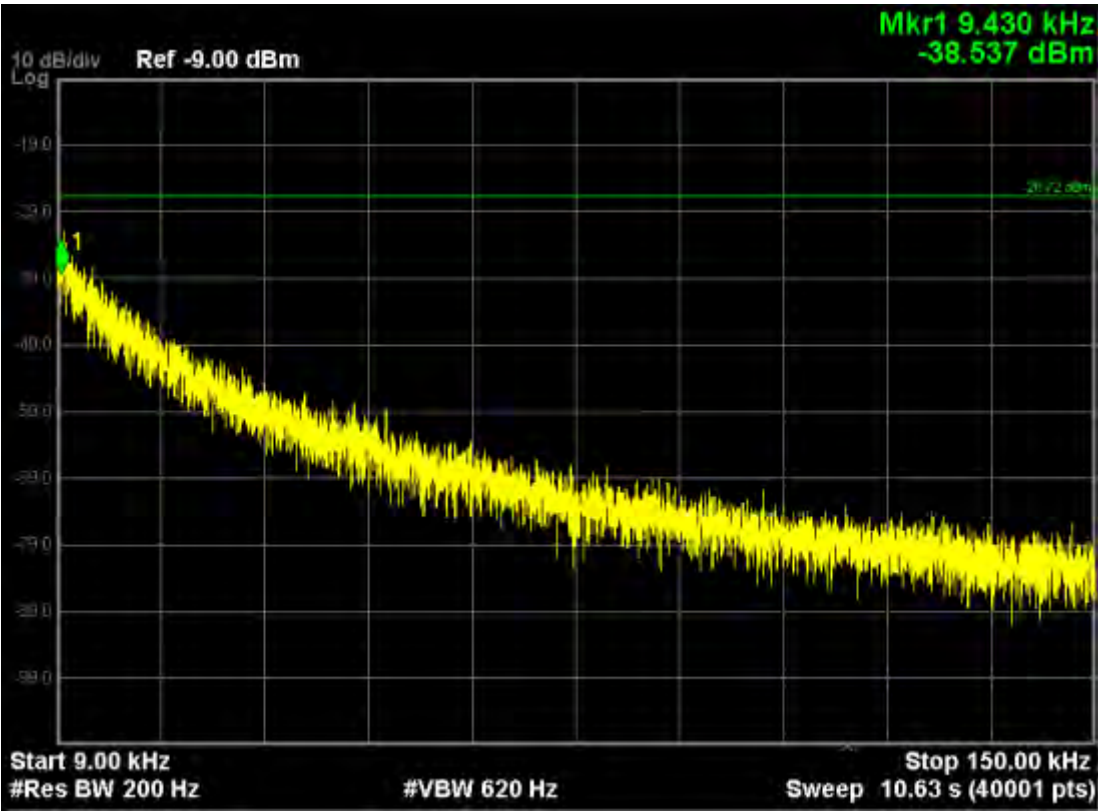


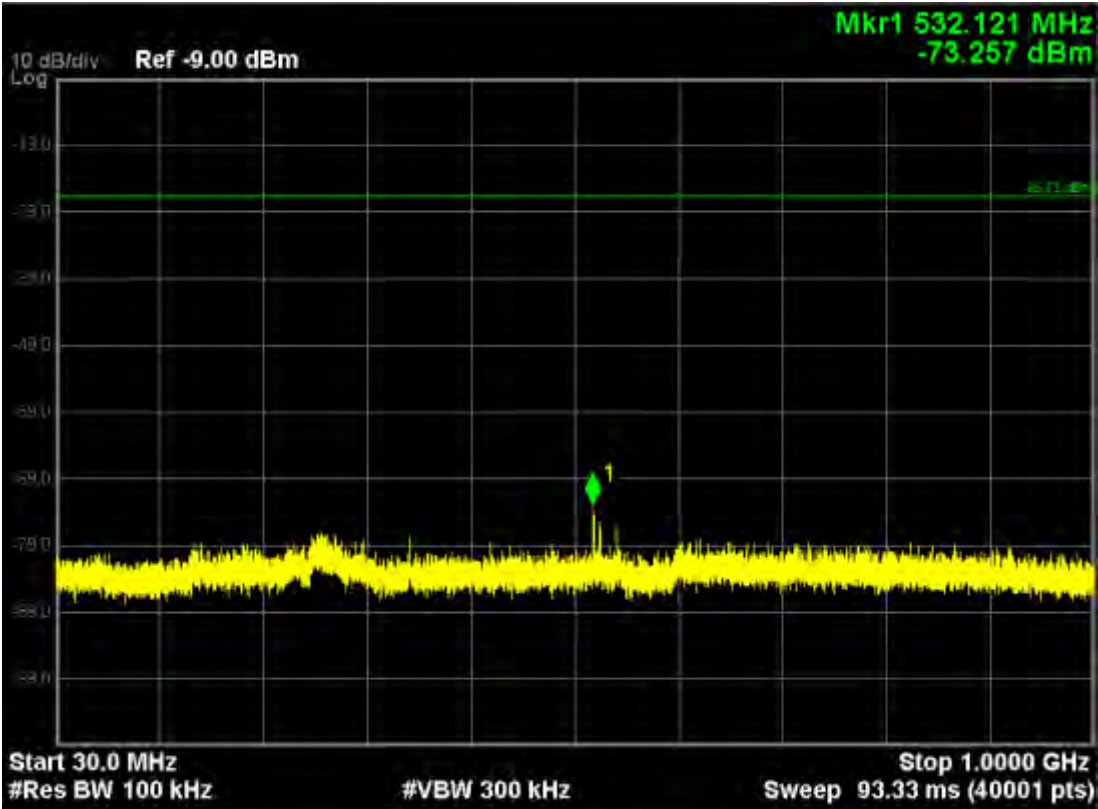
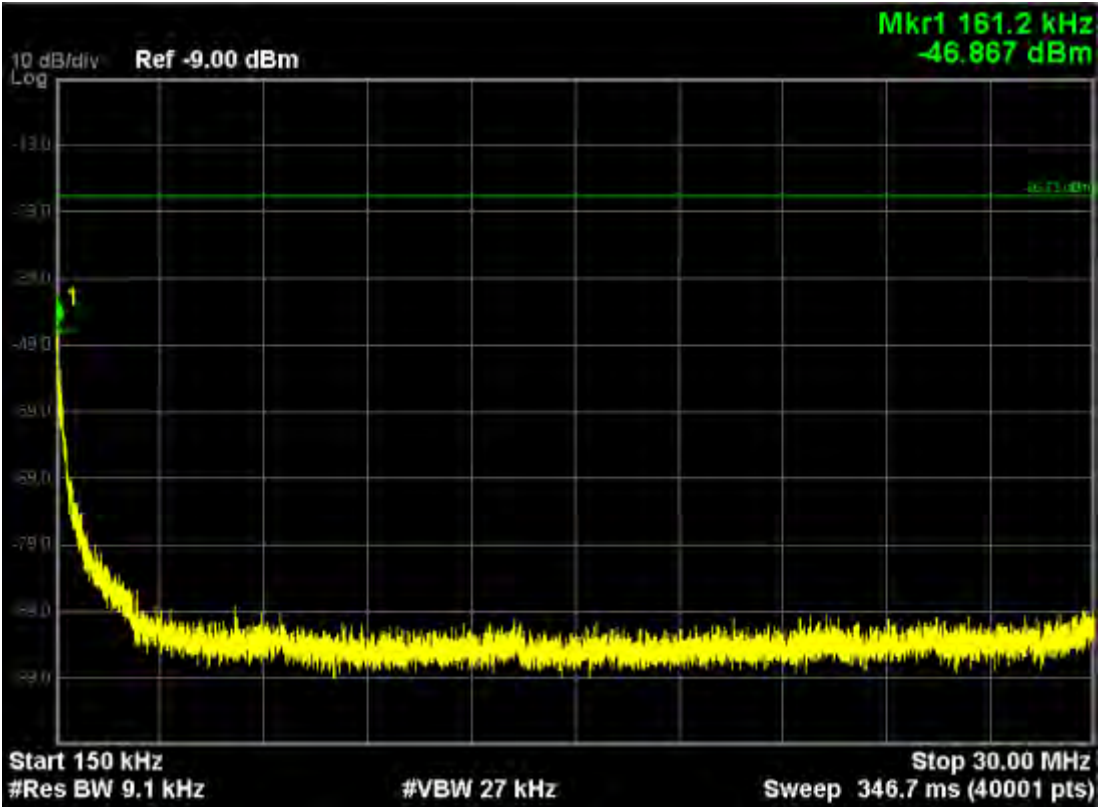


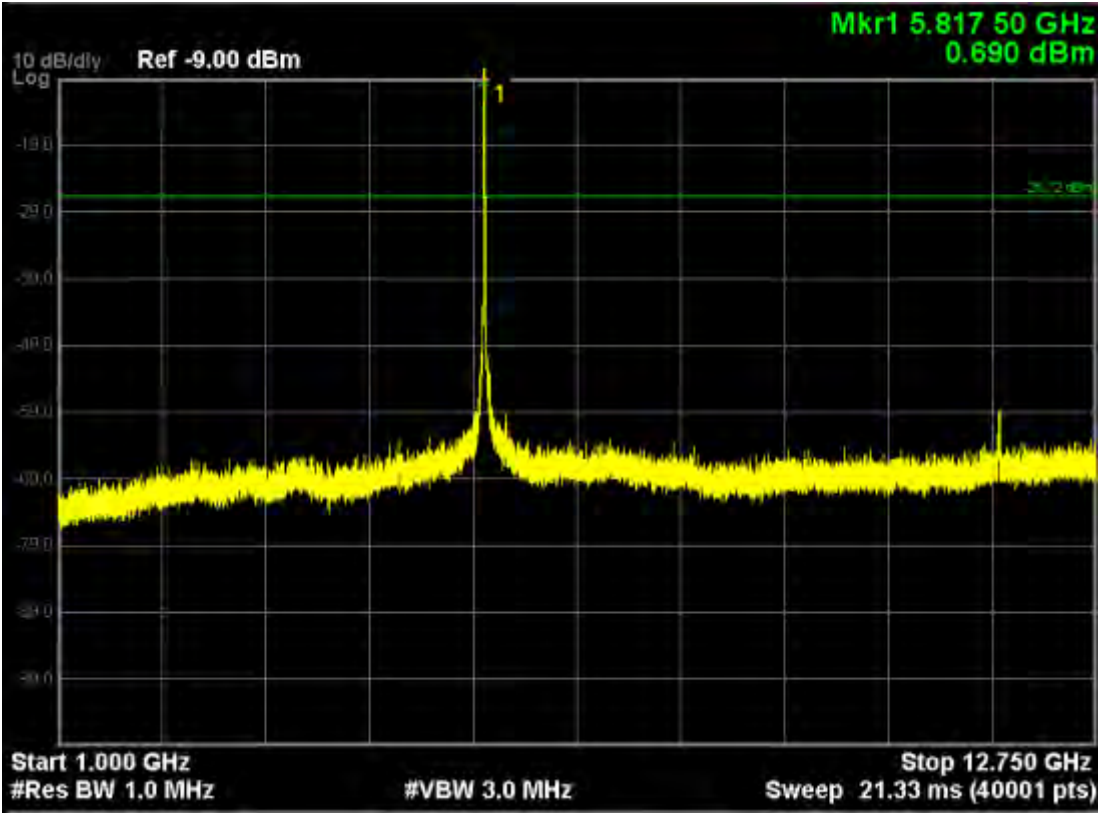
Note: The Mark1 point is carrier.



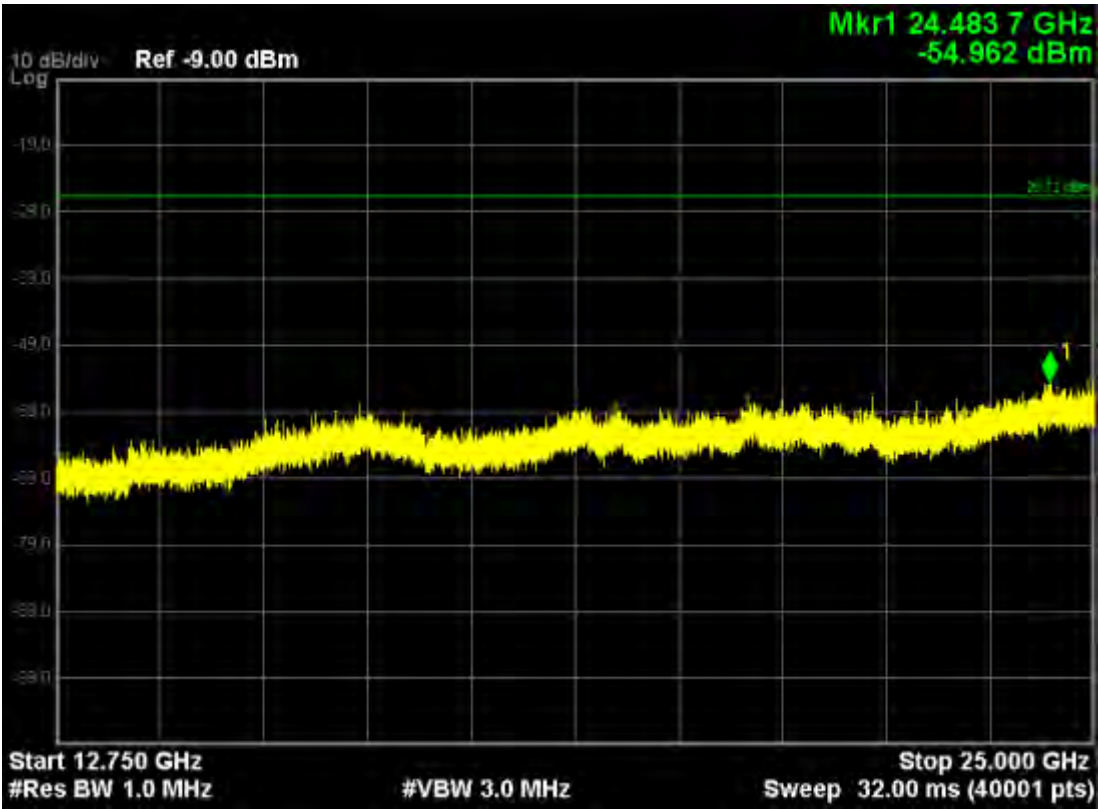
802.11n20, traffic mode; Channel 165



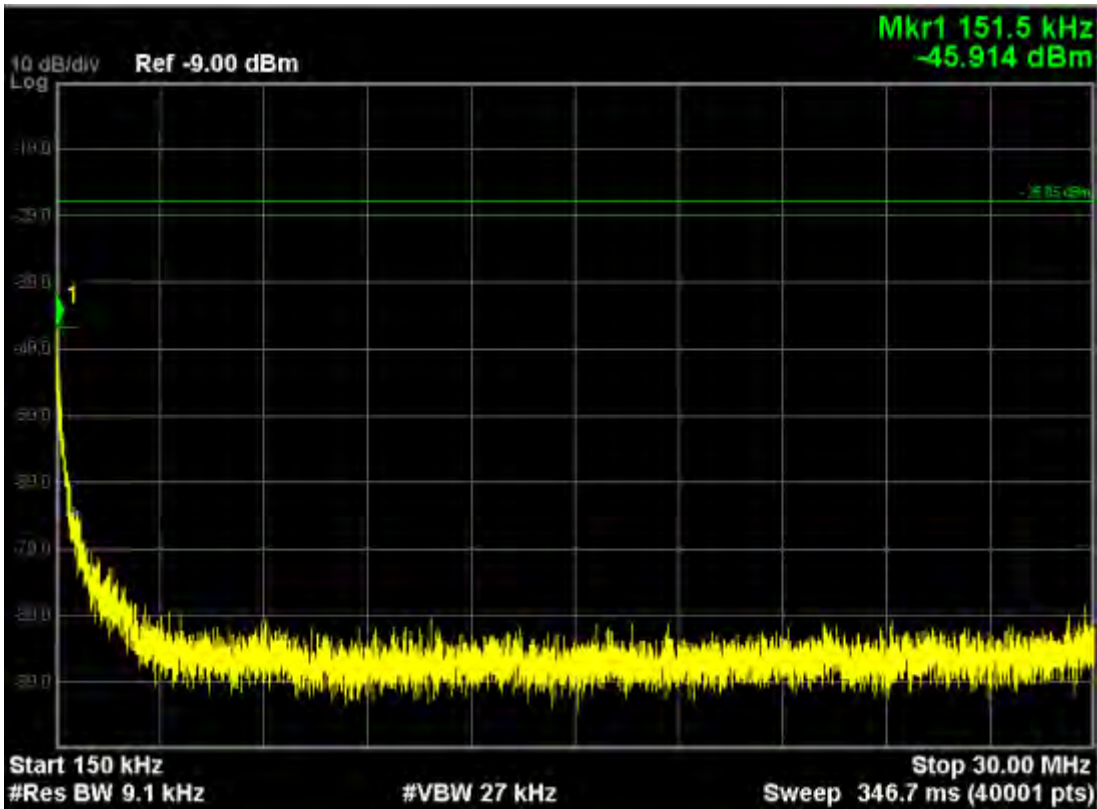
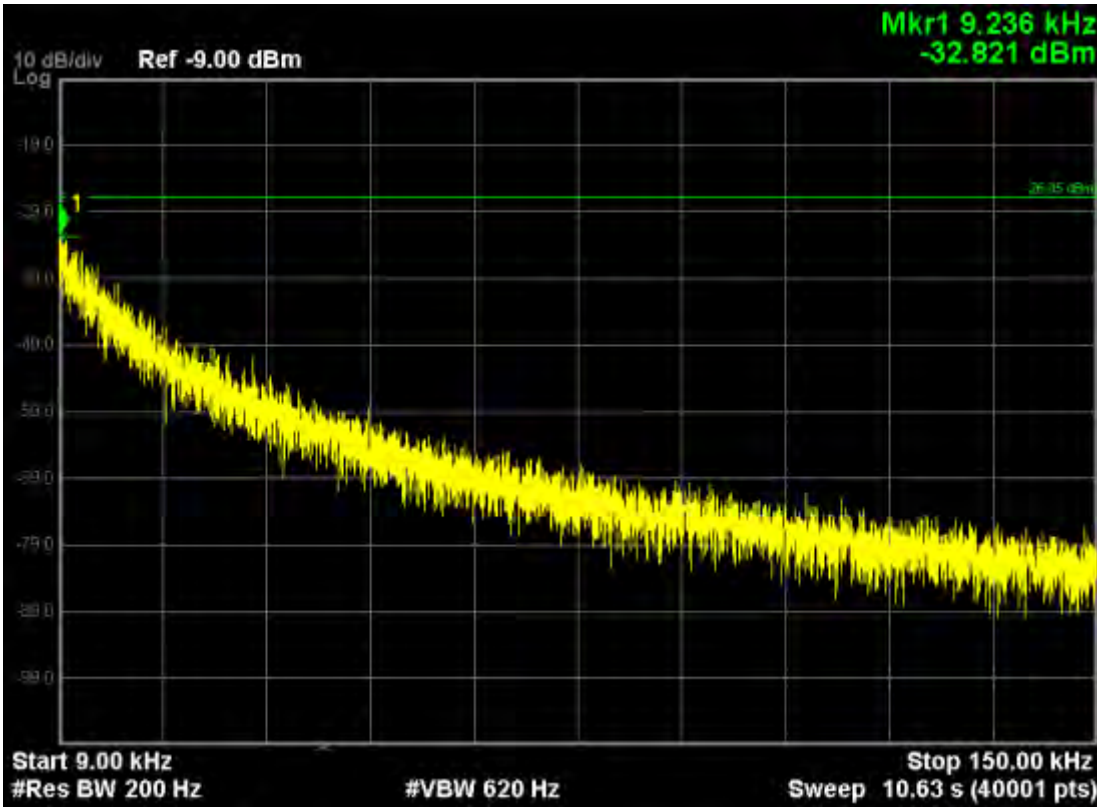


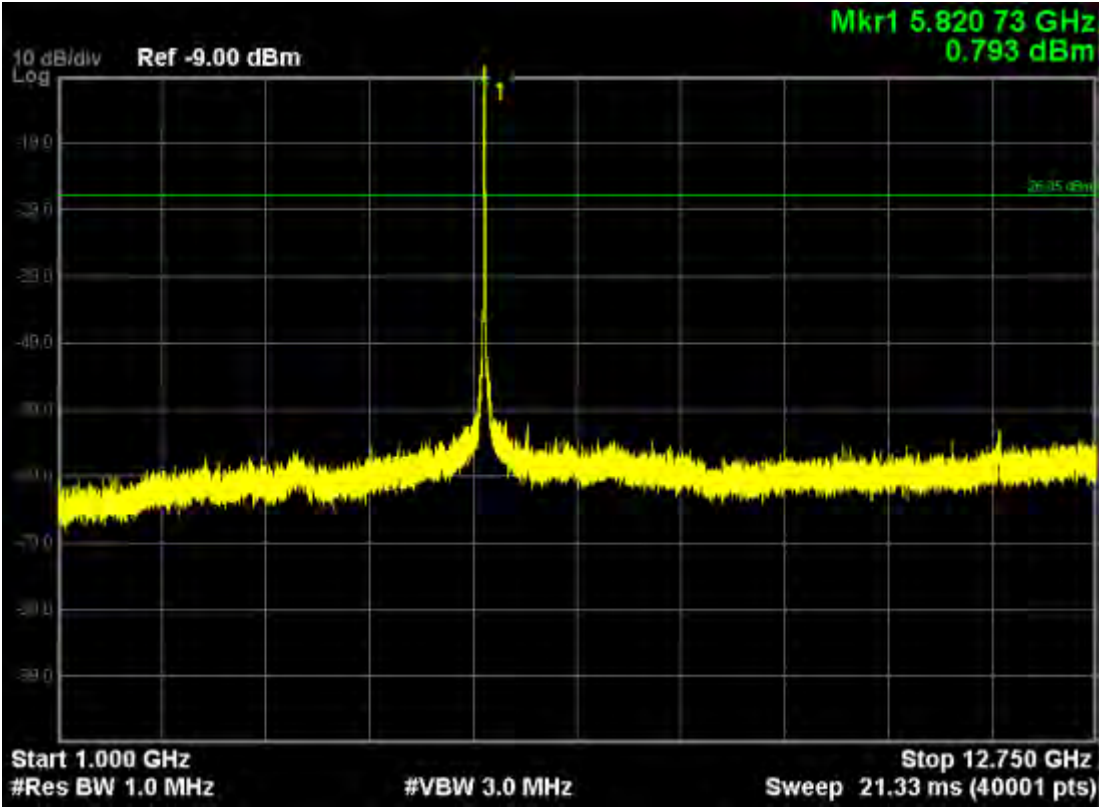
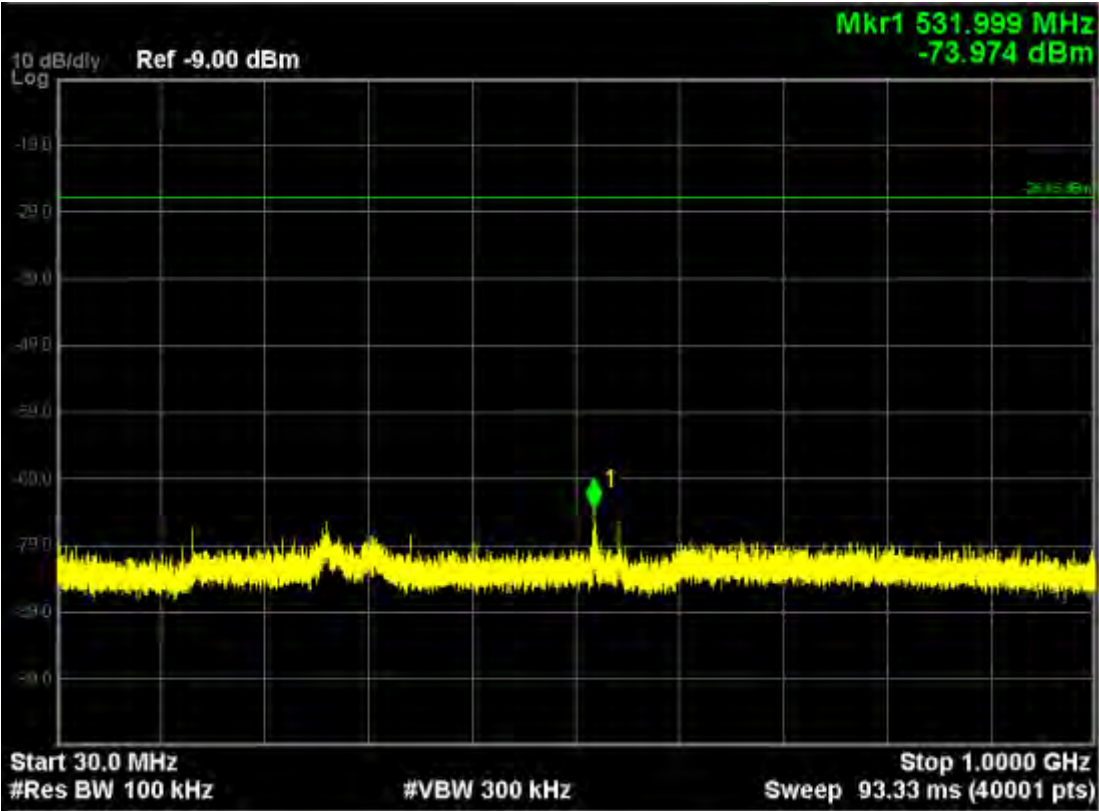


Note: The Mark1 point is carrier.

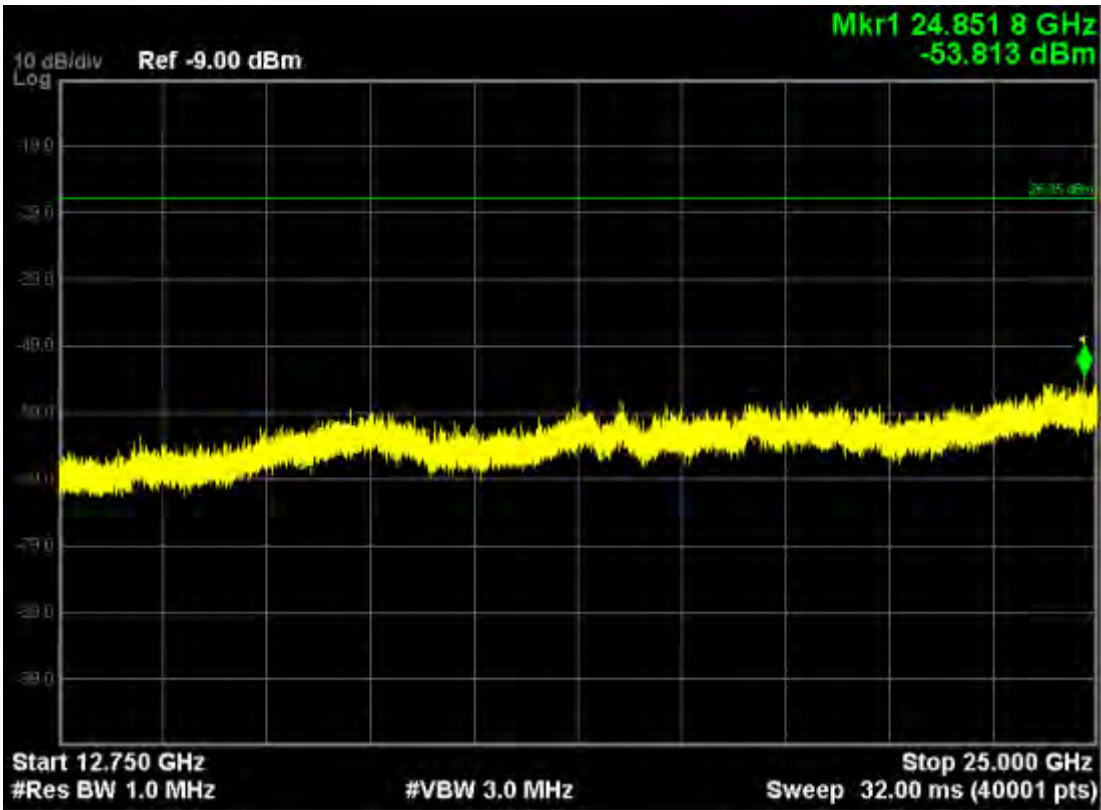


802.11n20, traffic mode; Channel 165(mimo)

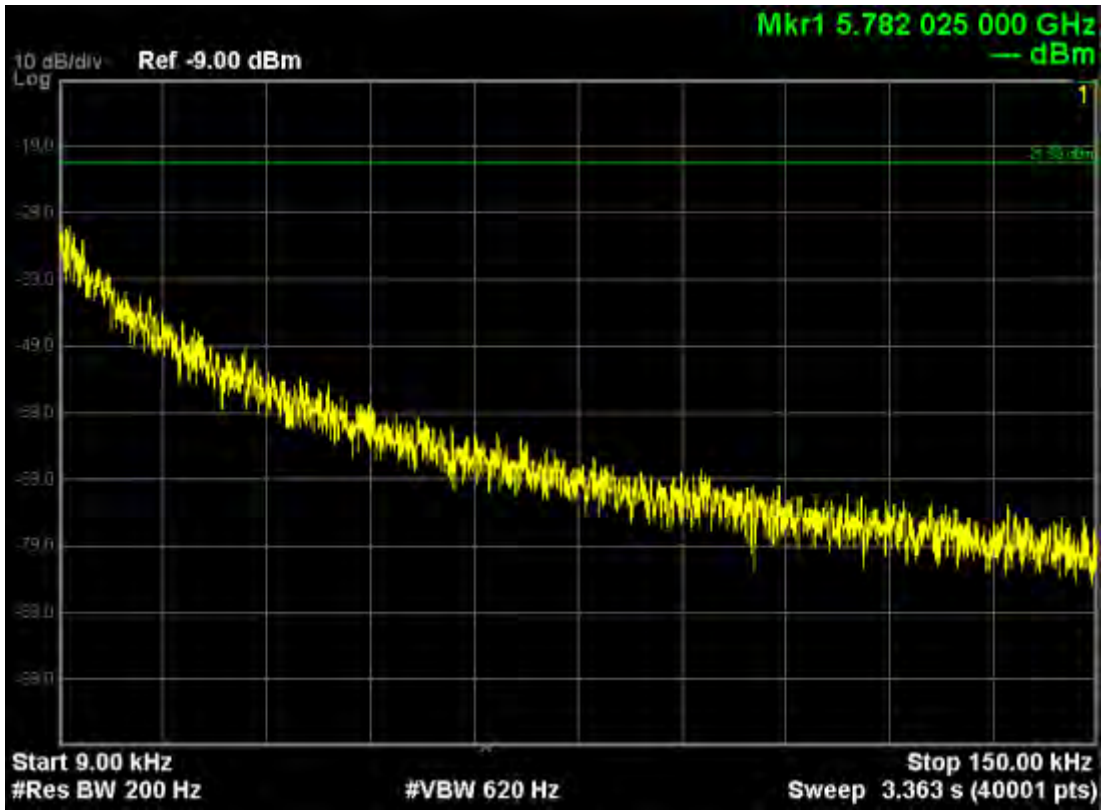


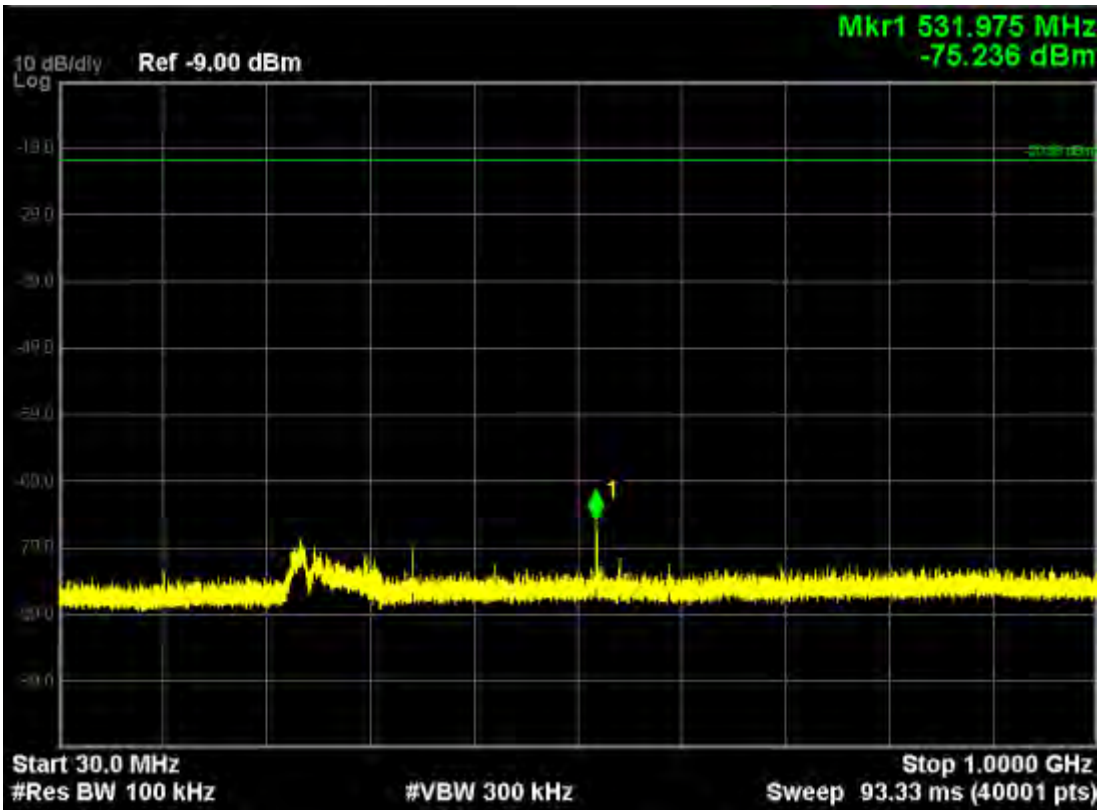
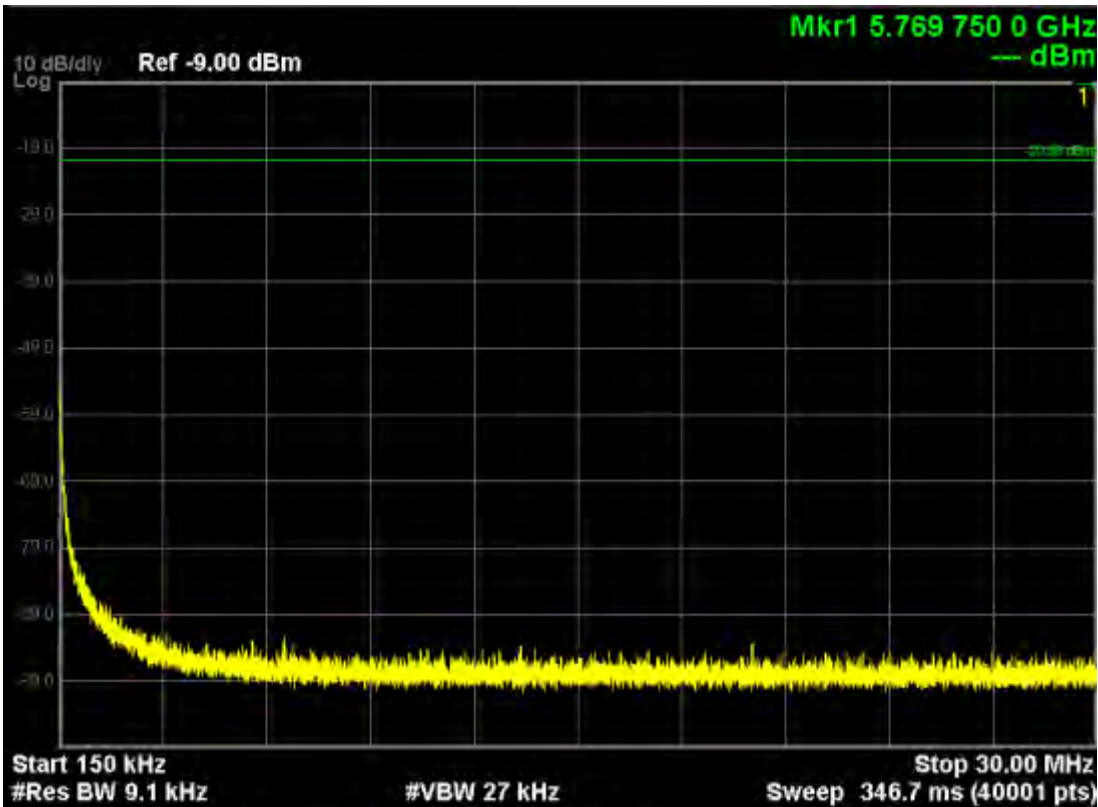


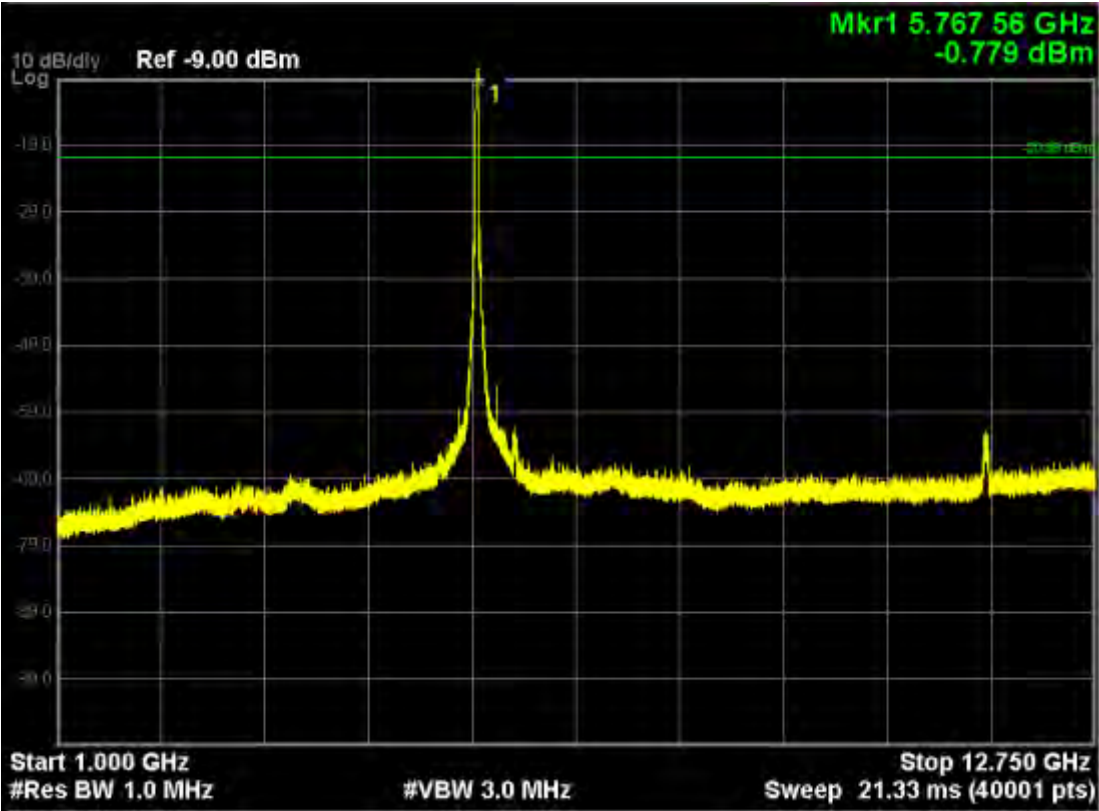
Note: The Mark1 point is carrier.



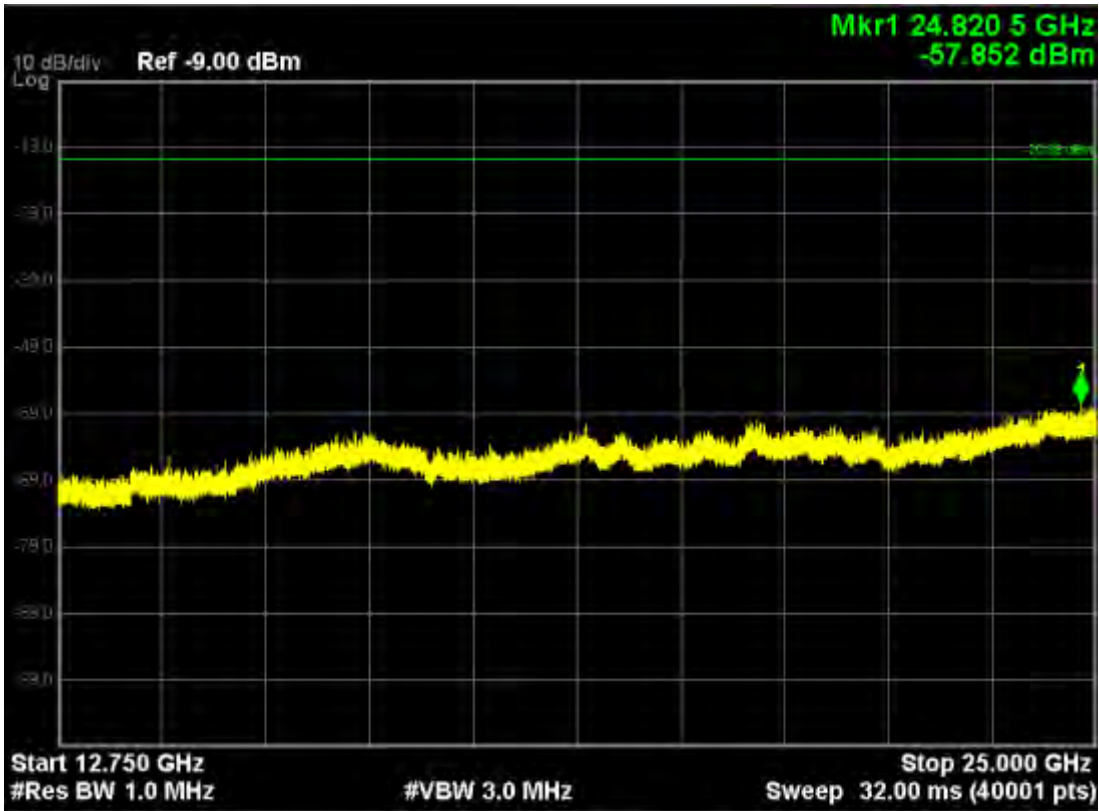
802.11n40, traffic mode; Channel 151



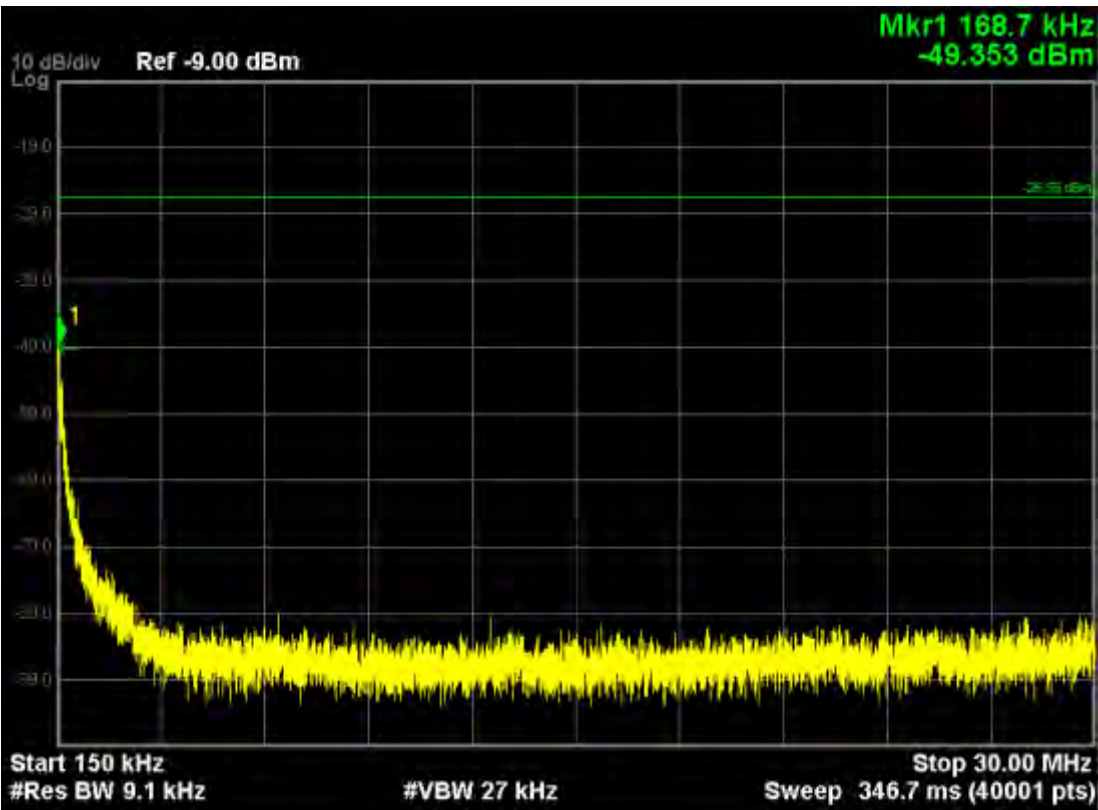
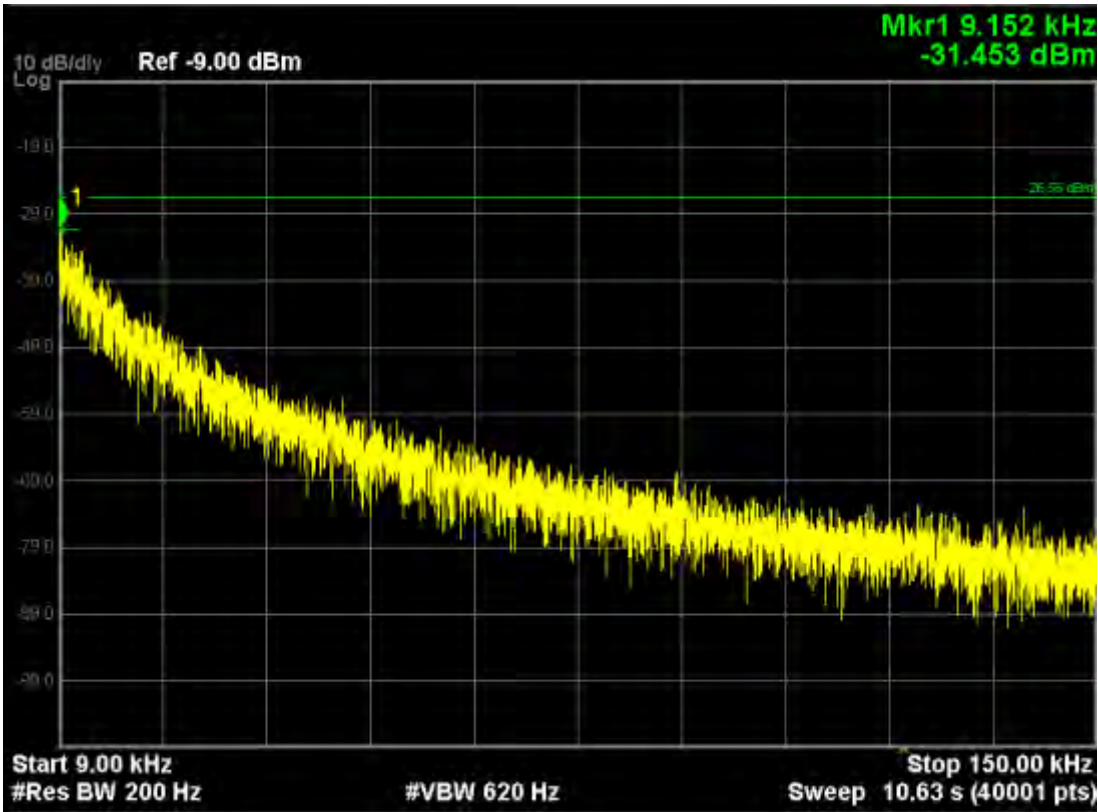


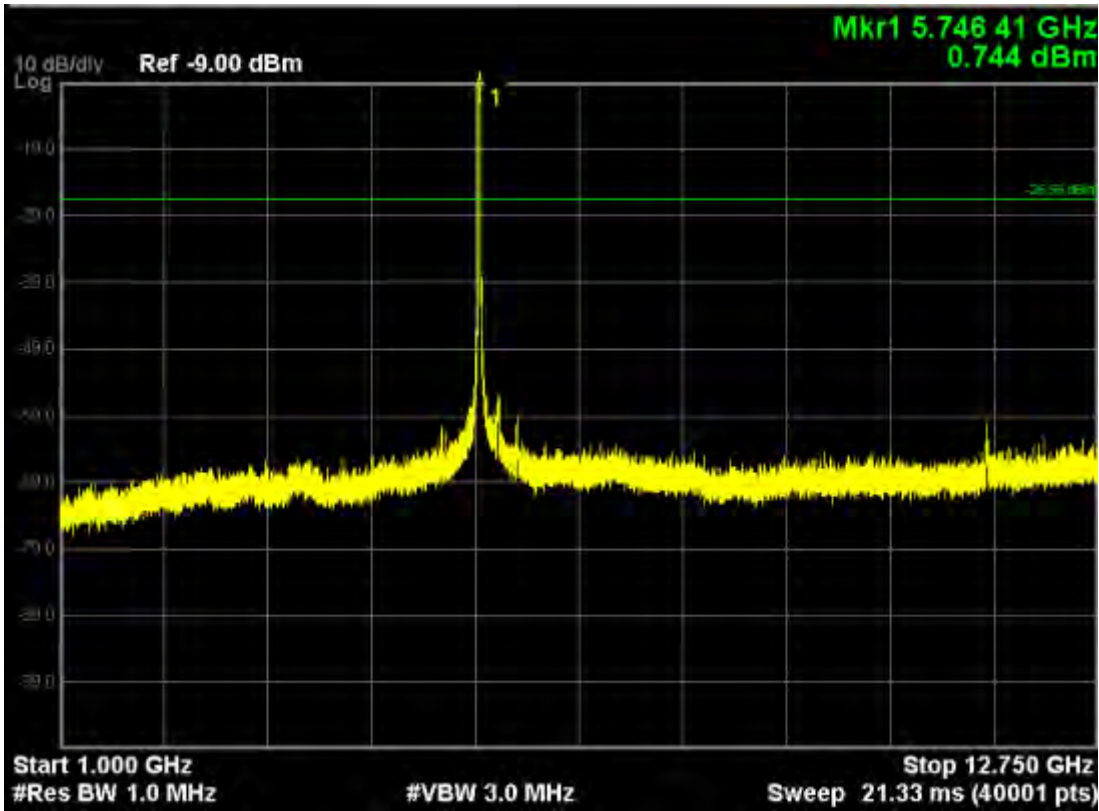
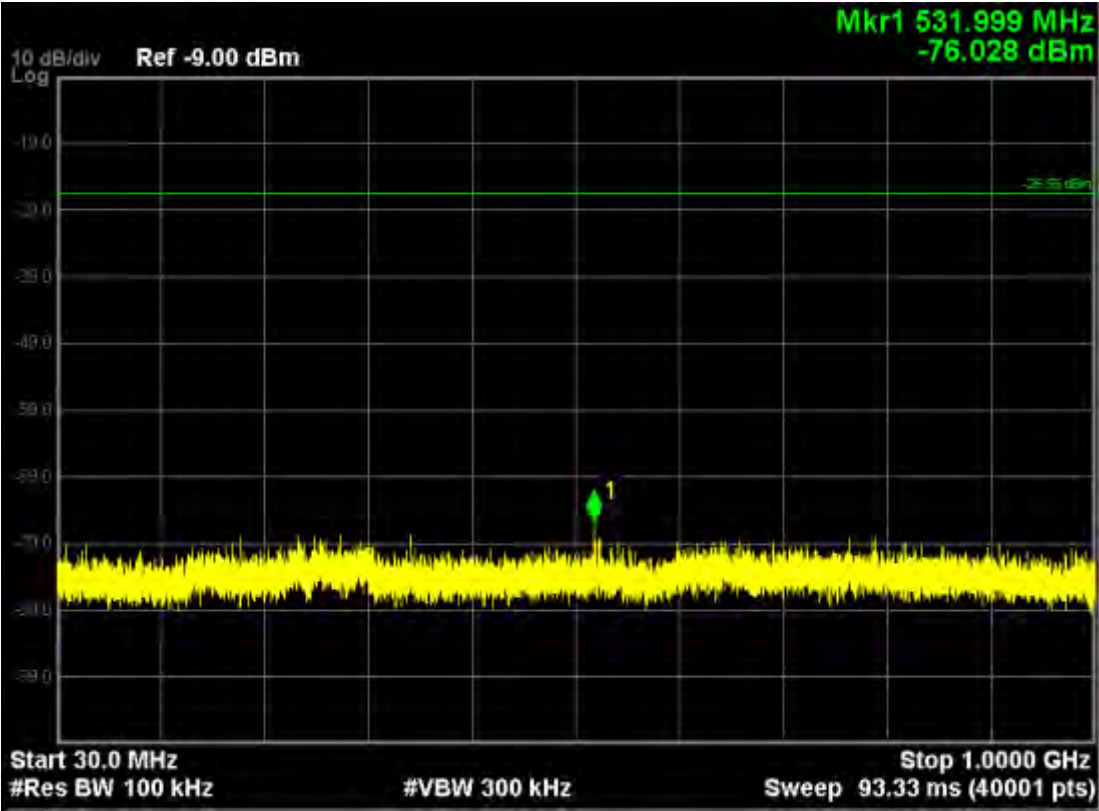


Note: The Mark1 point is carrier.

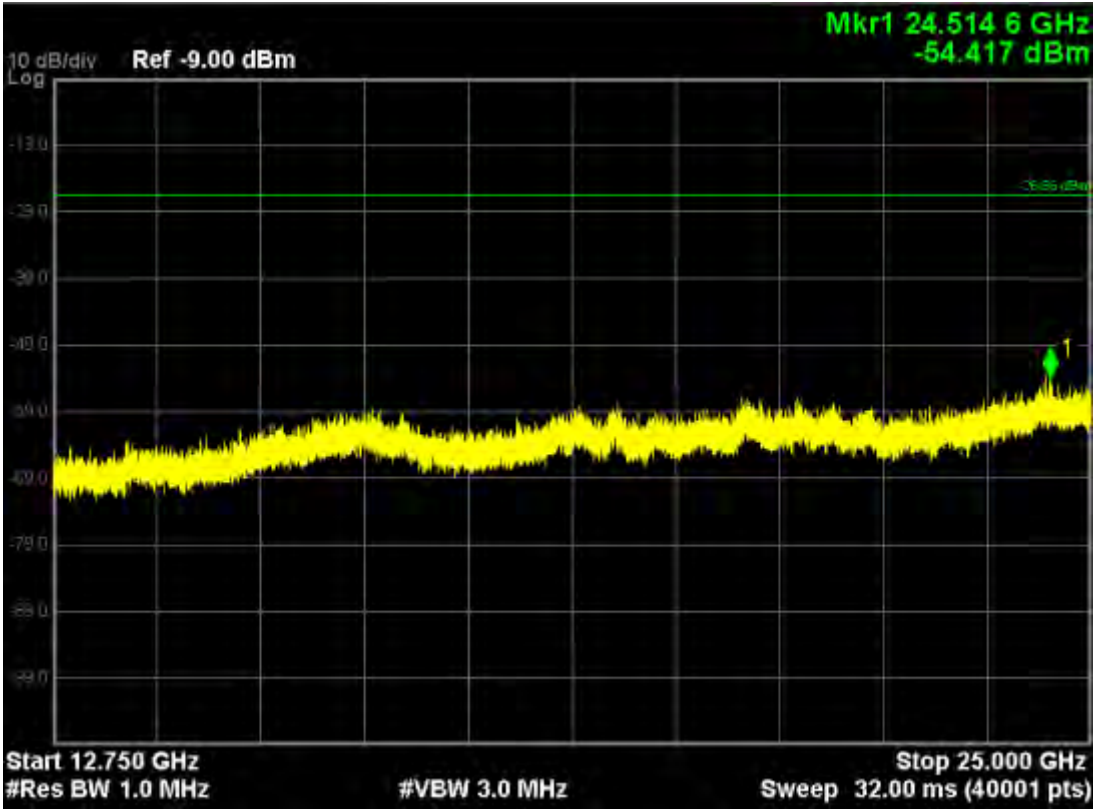


802.11n40, traffic mode; Channel 151(mimo)

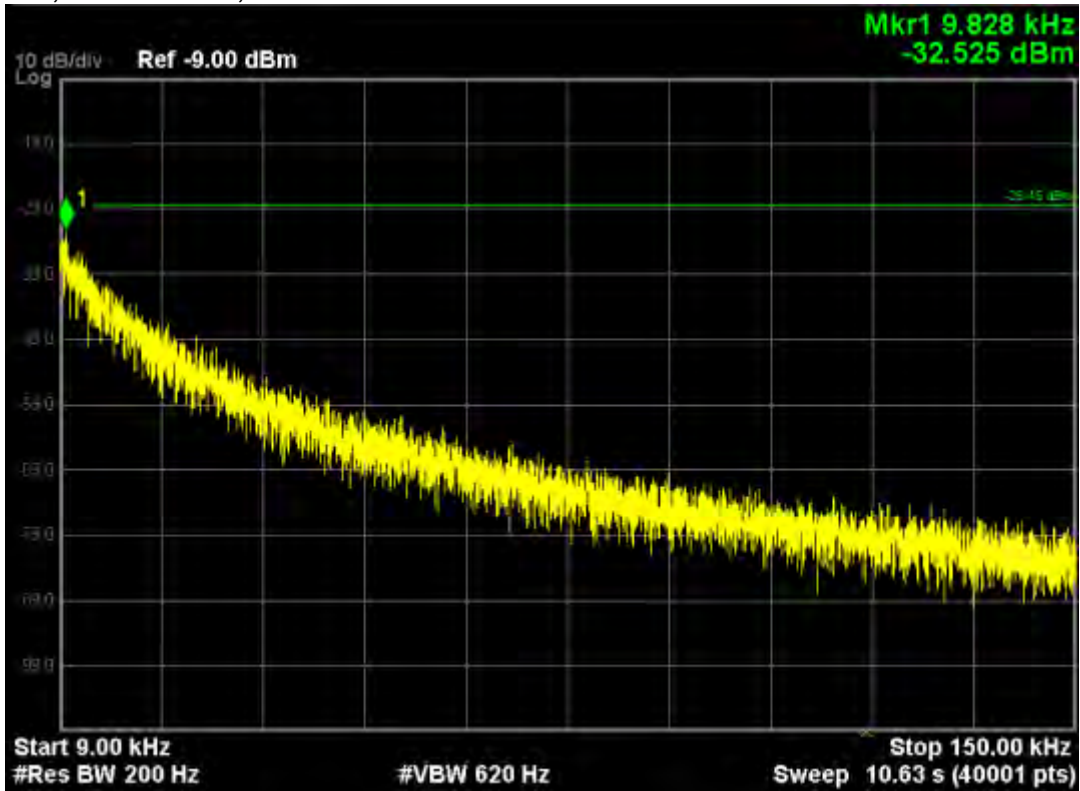


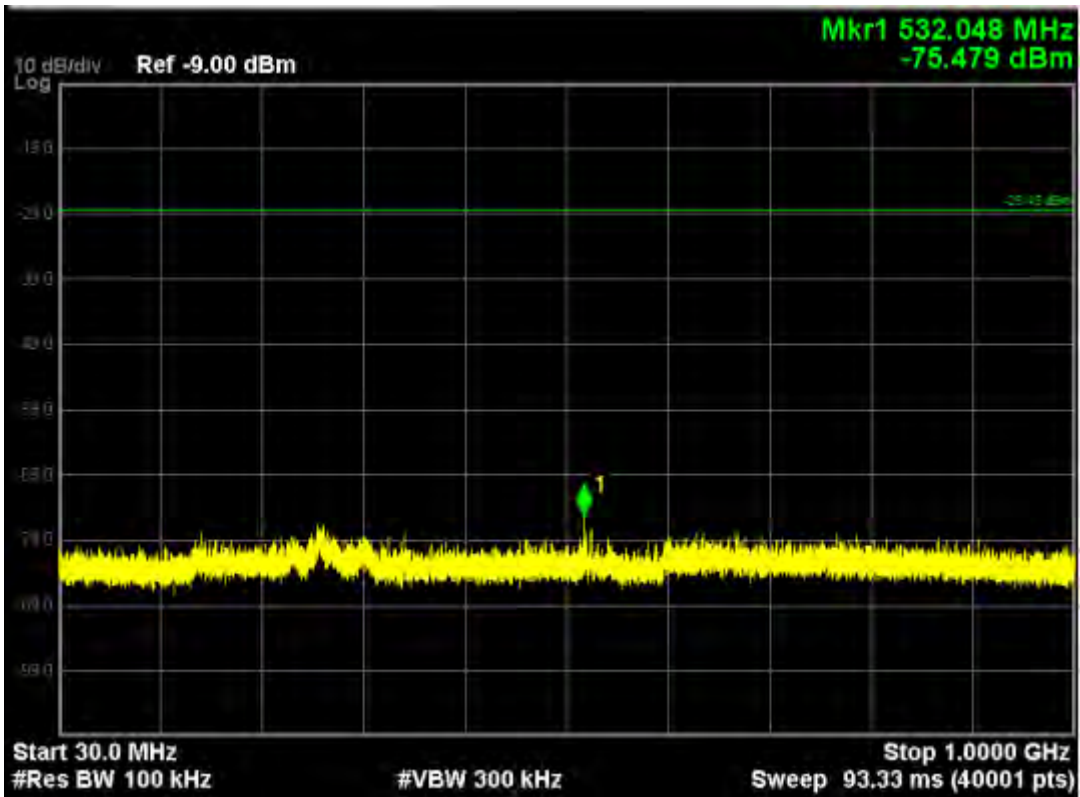
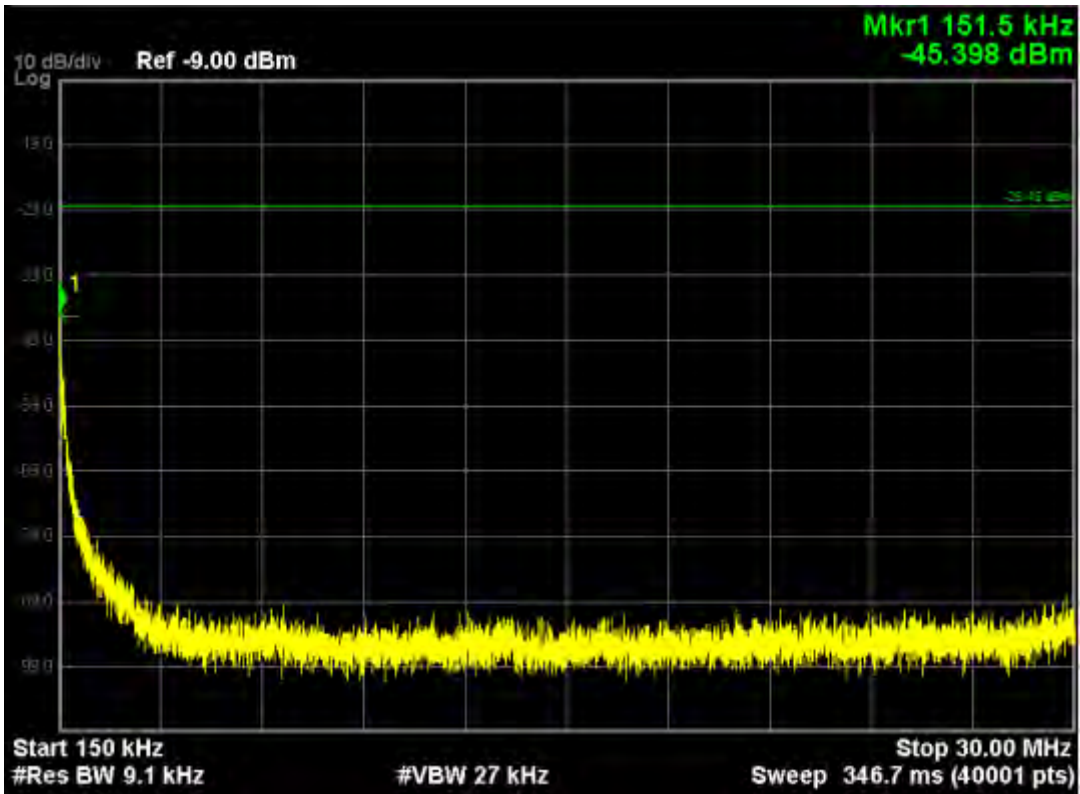


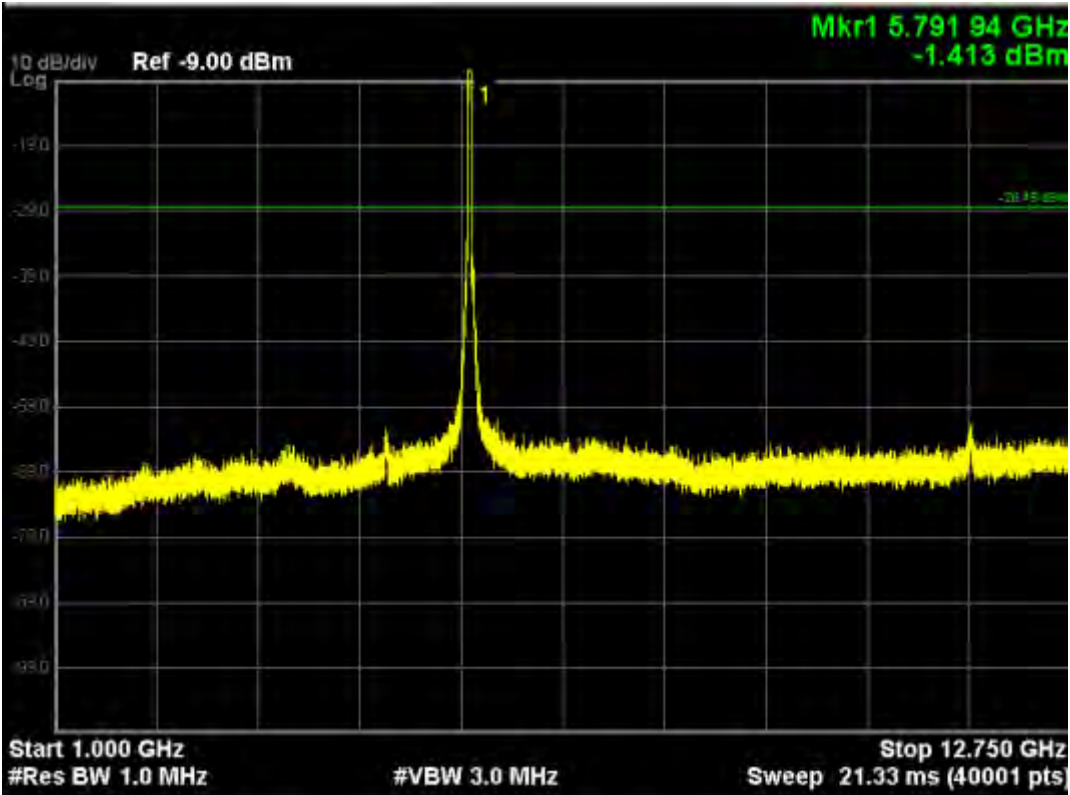
Note: The Mark1 point is carrier.



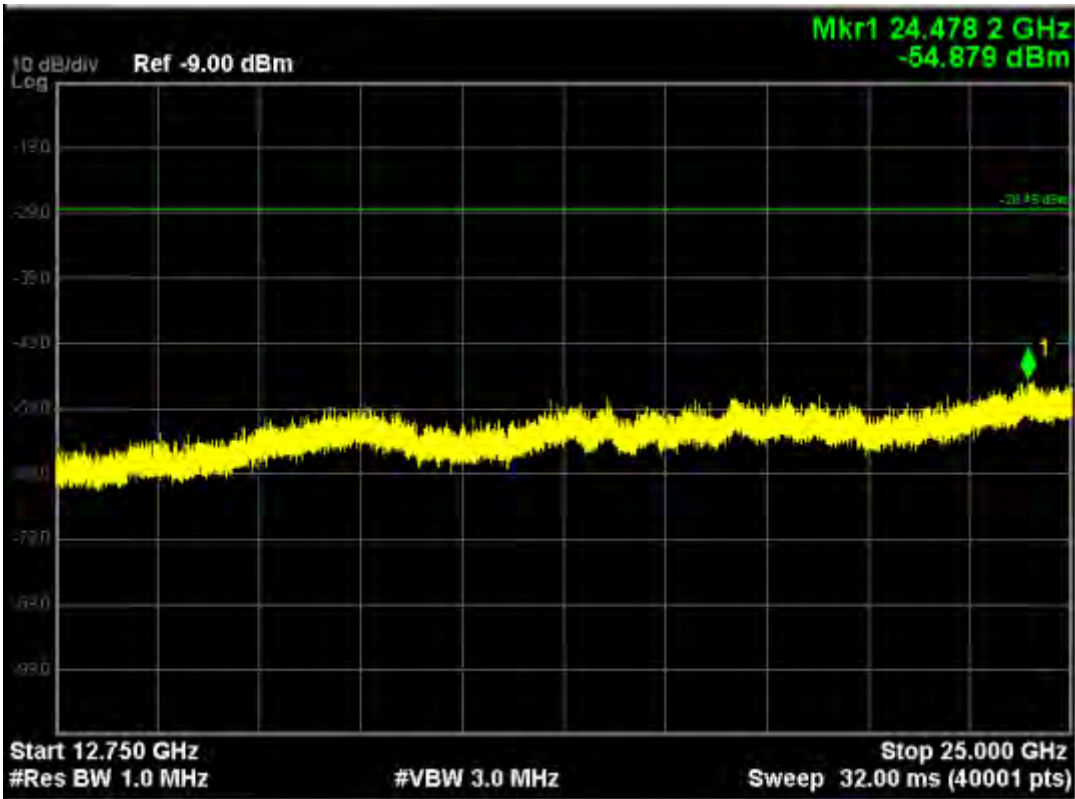
802.11n40, traffic mode; Channel 159



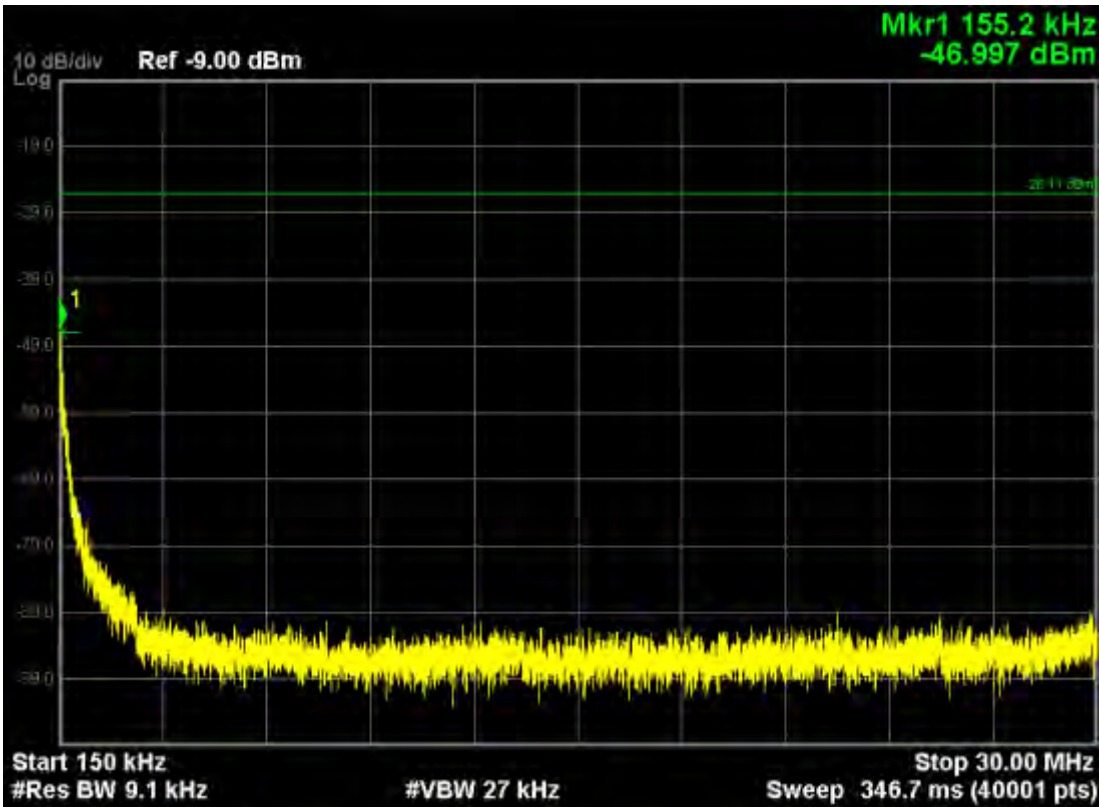
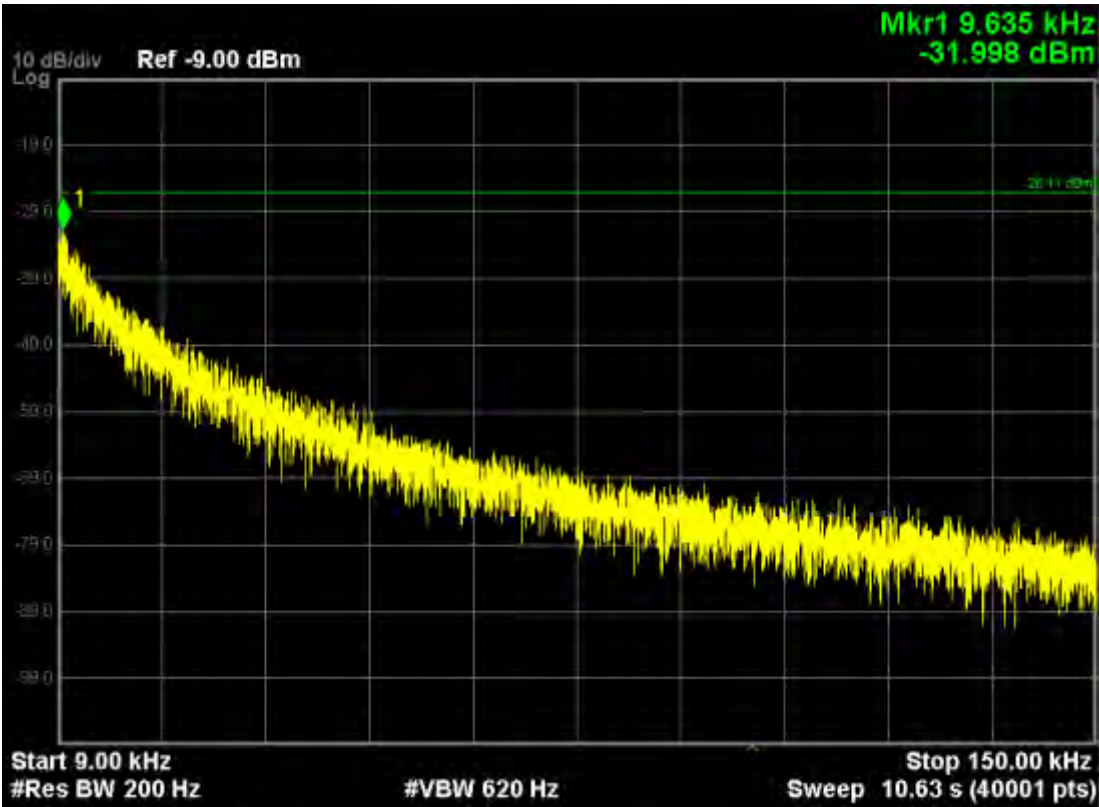


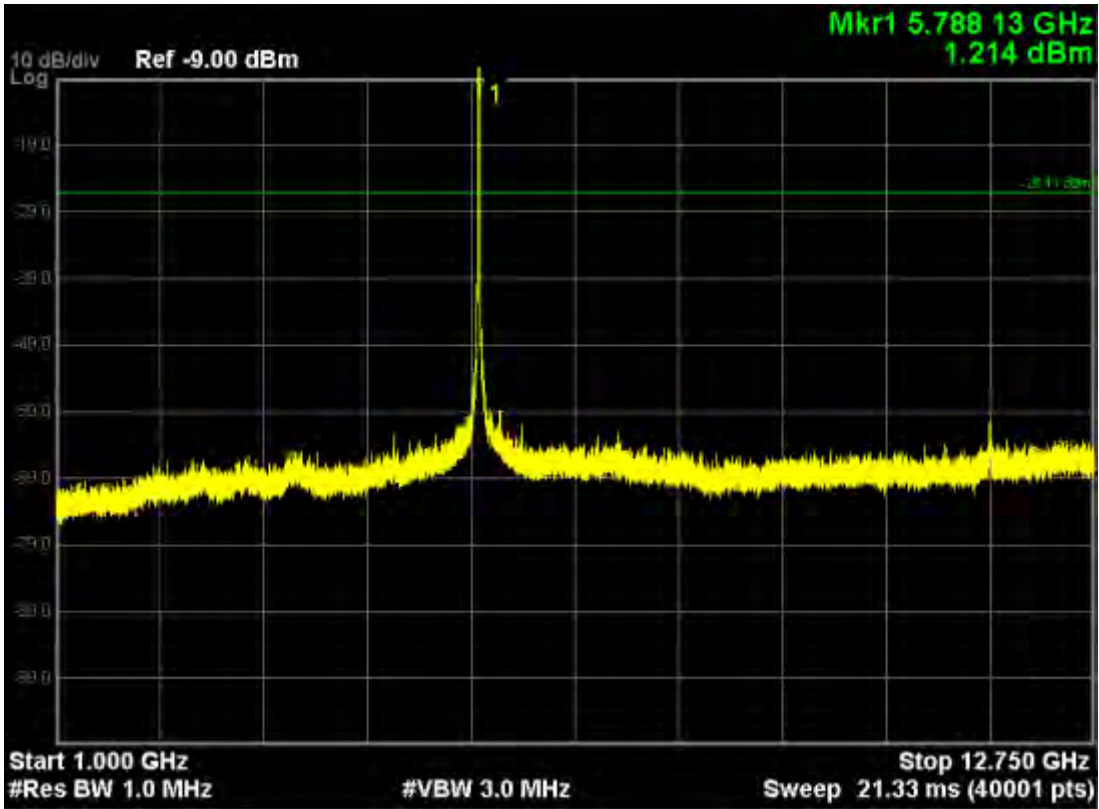
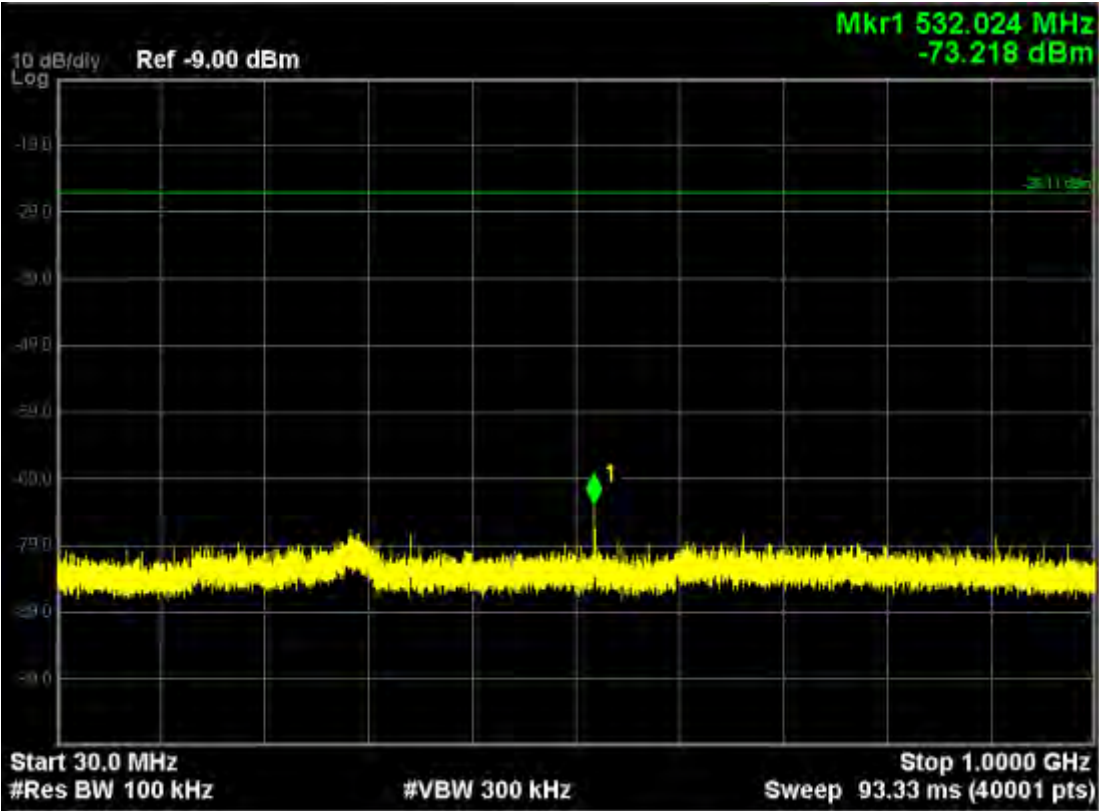


Note: The Mark1 point is carrier.

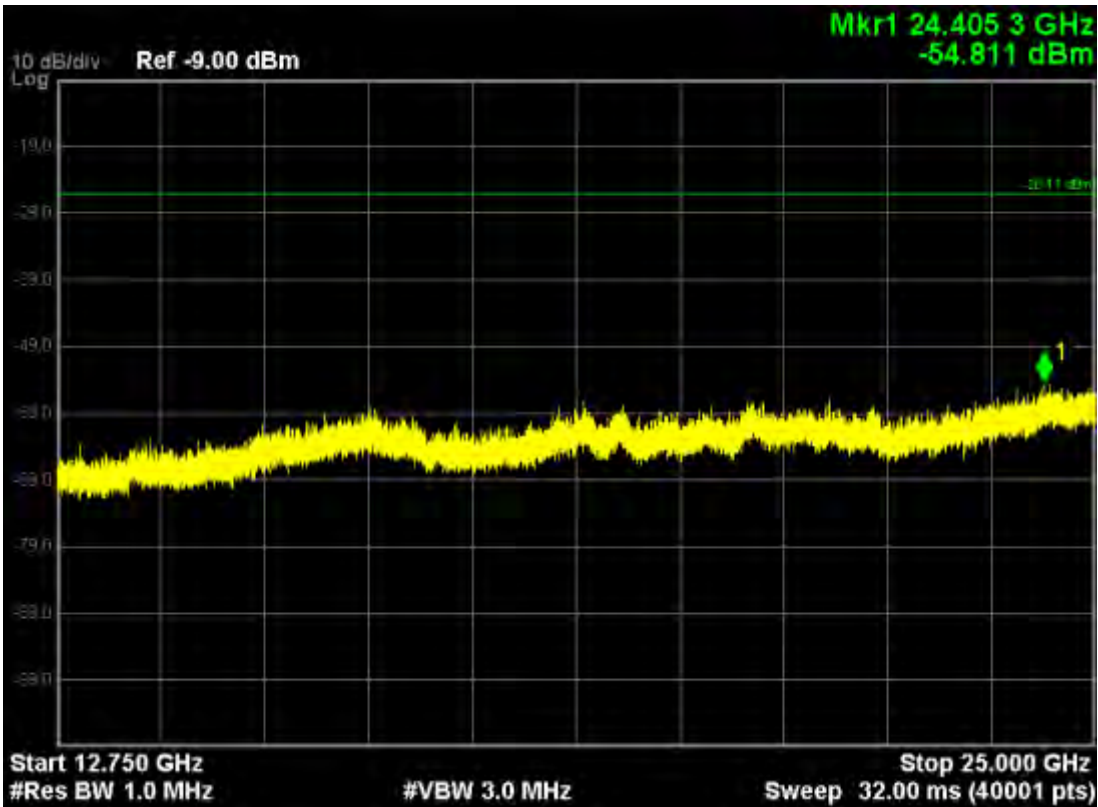


802.11n40, traffic mode; Channel 159(mimo)

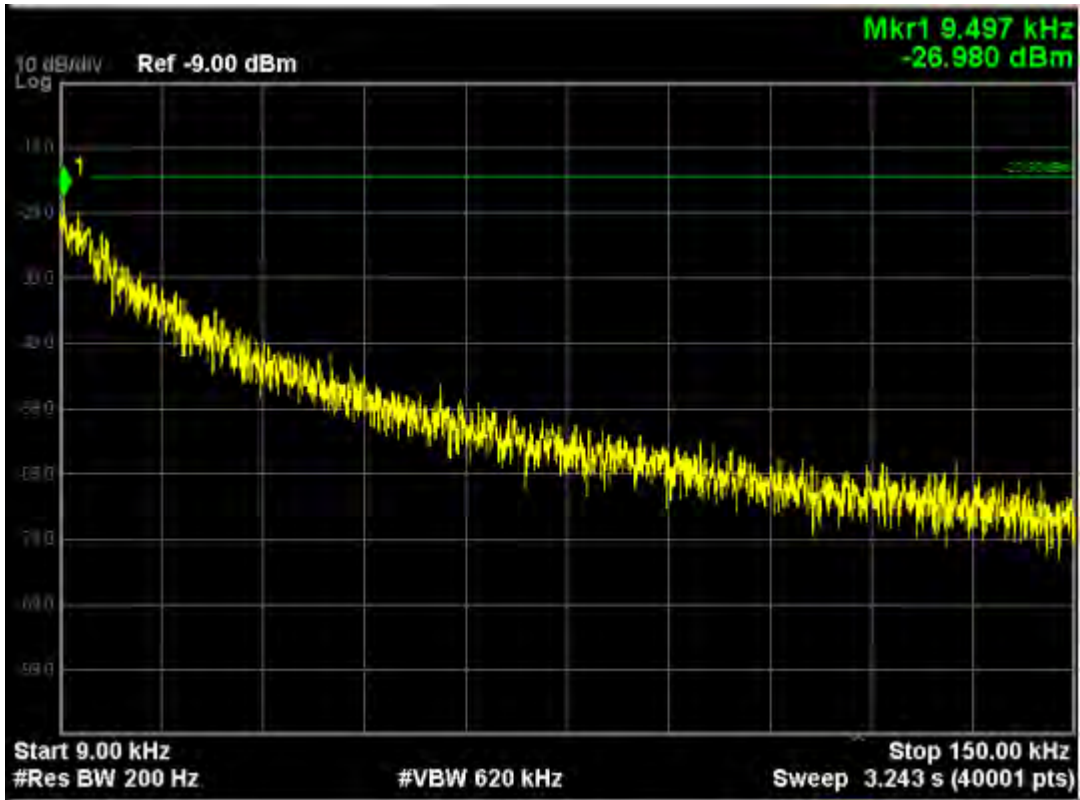


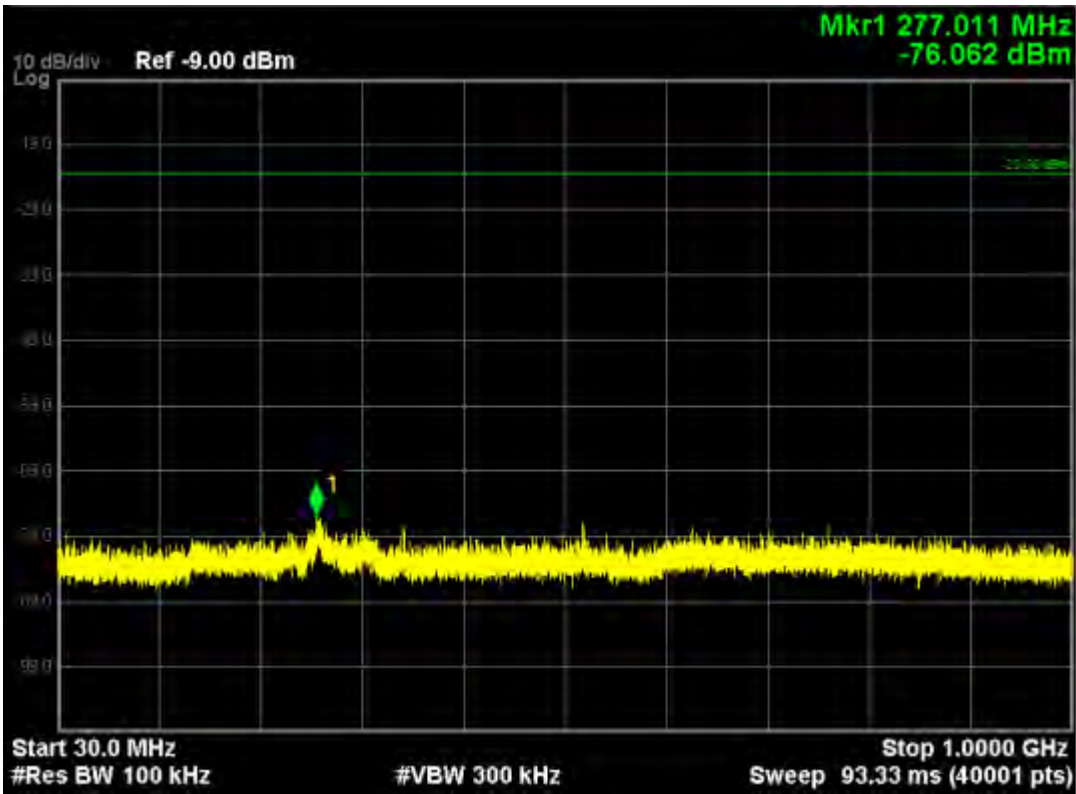
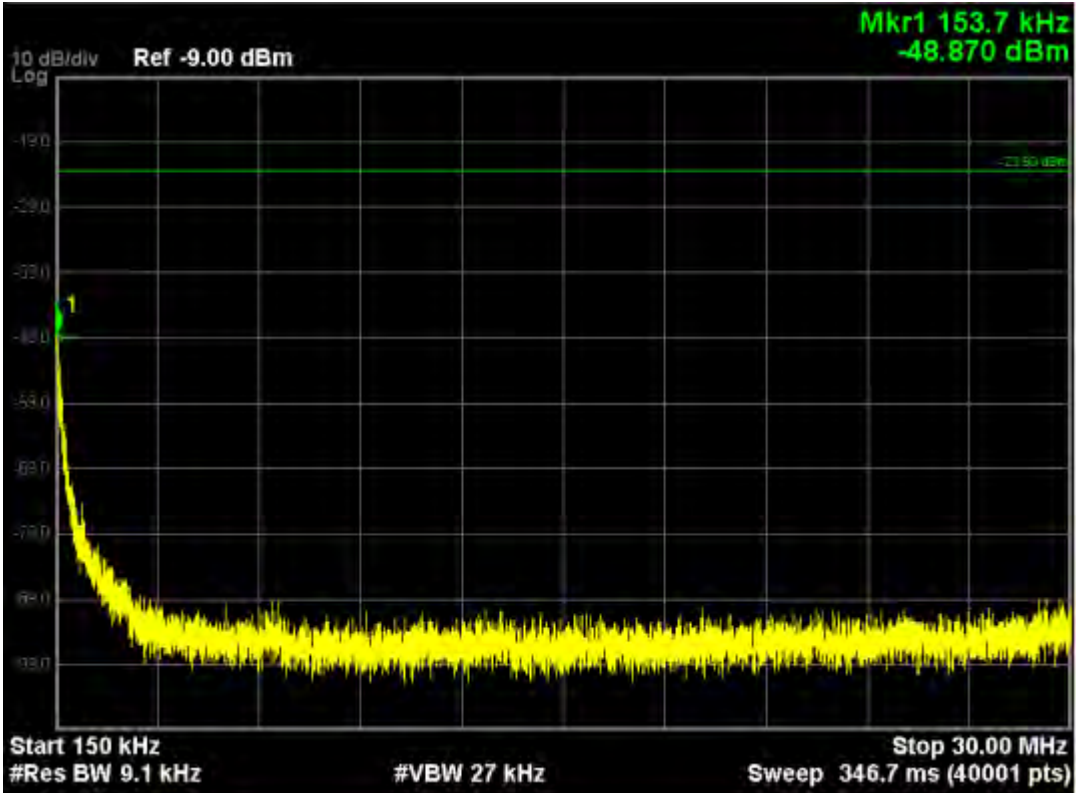


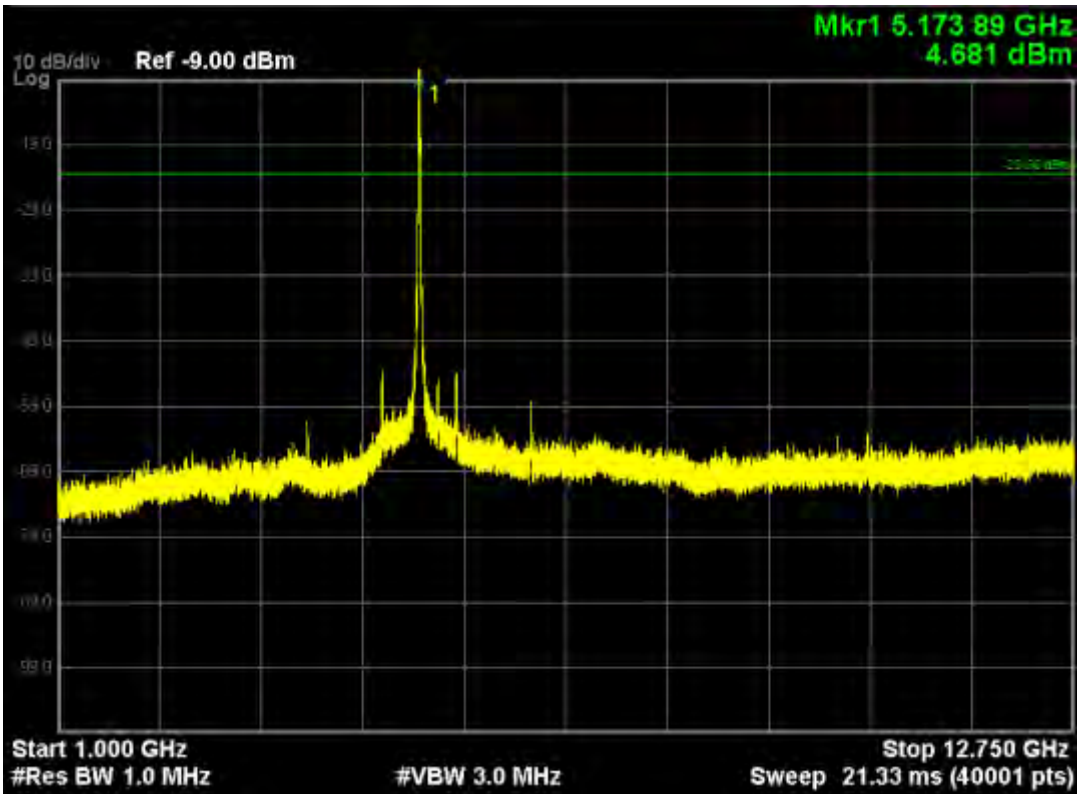
Note: The Mark1 point is carrier.



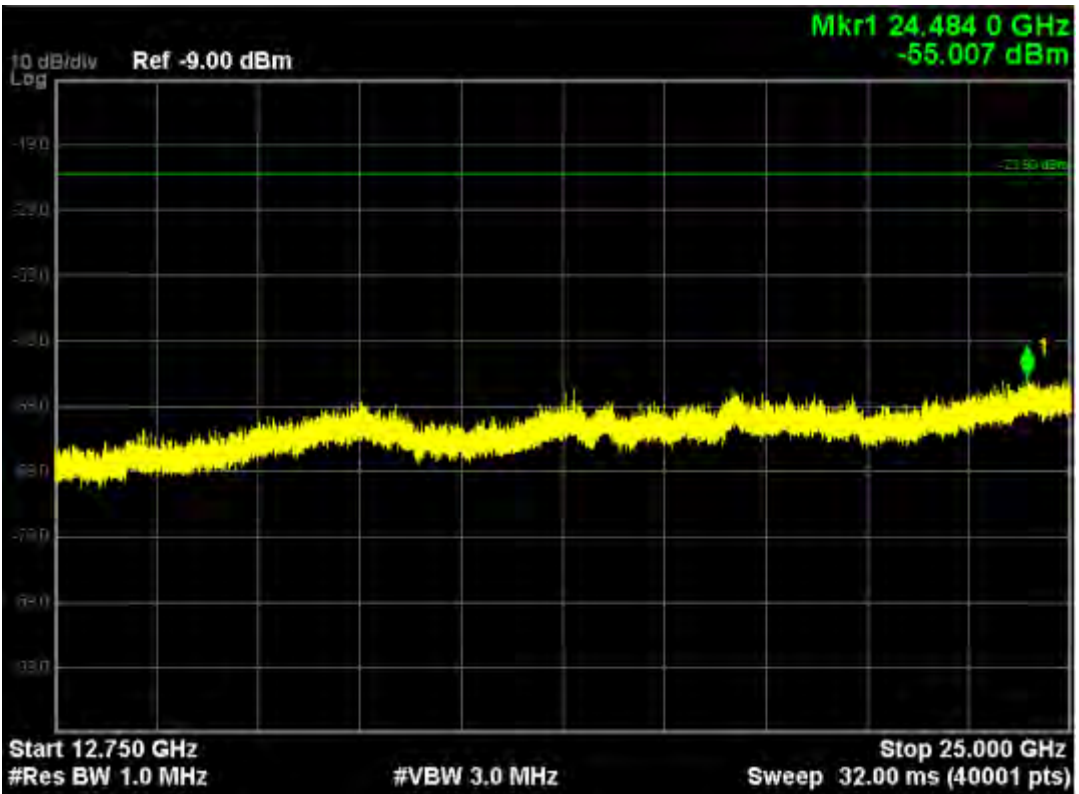
802.11ac (5150MHz-5250MHz)
802.11ac20, traffic mode; Channel 36



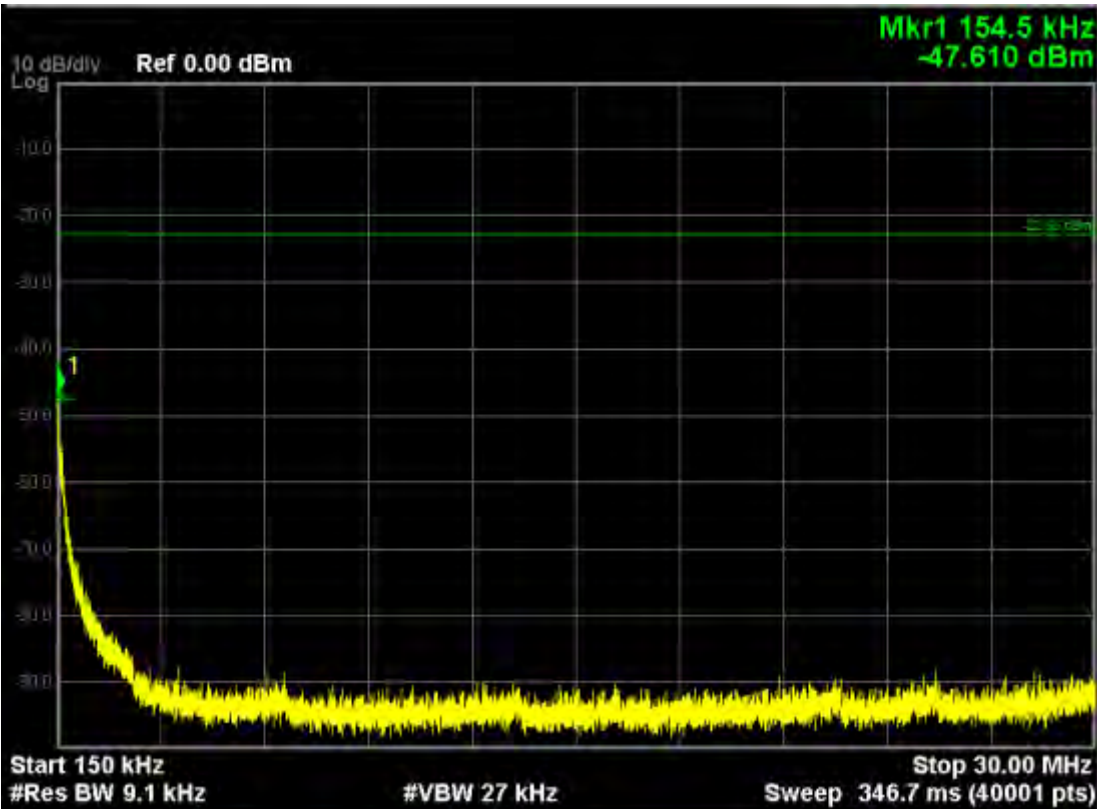
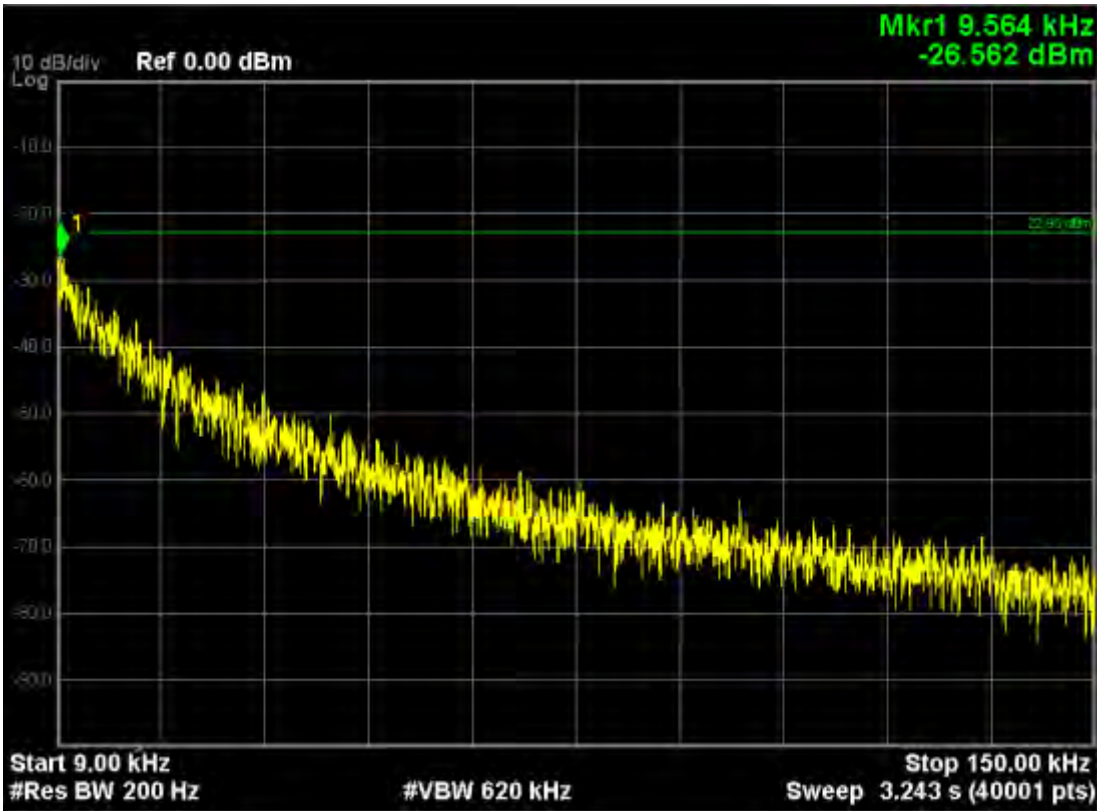


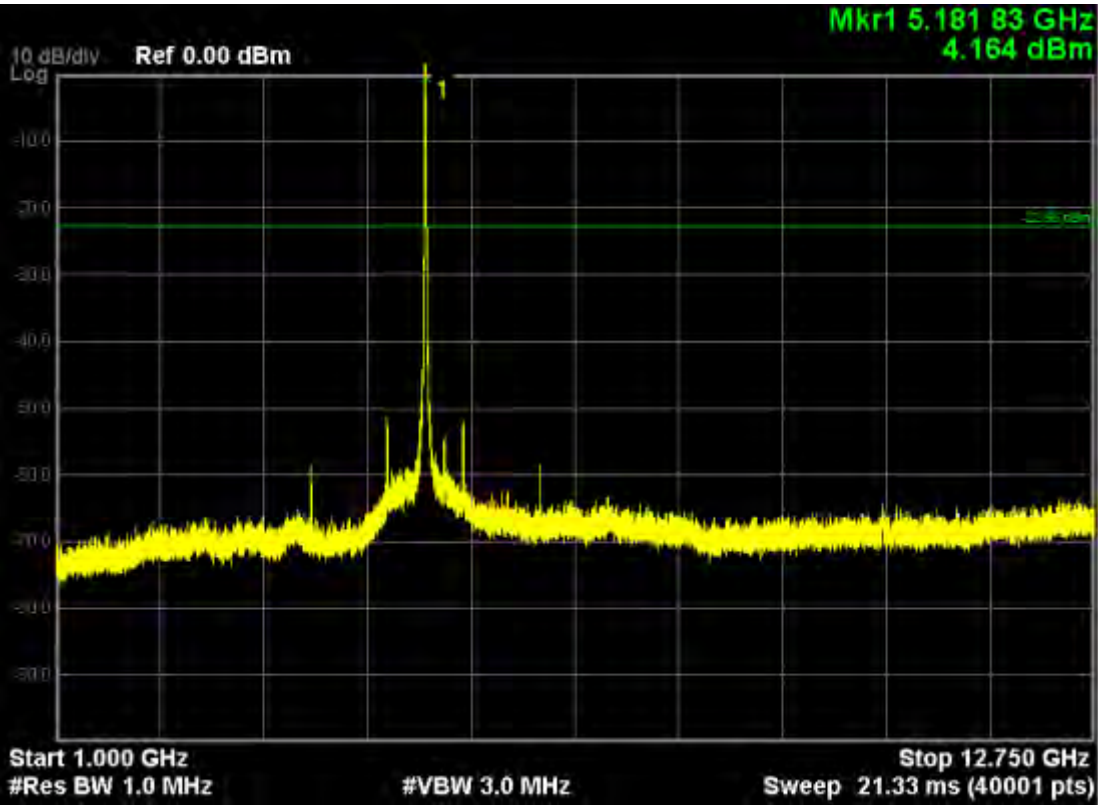
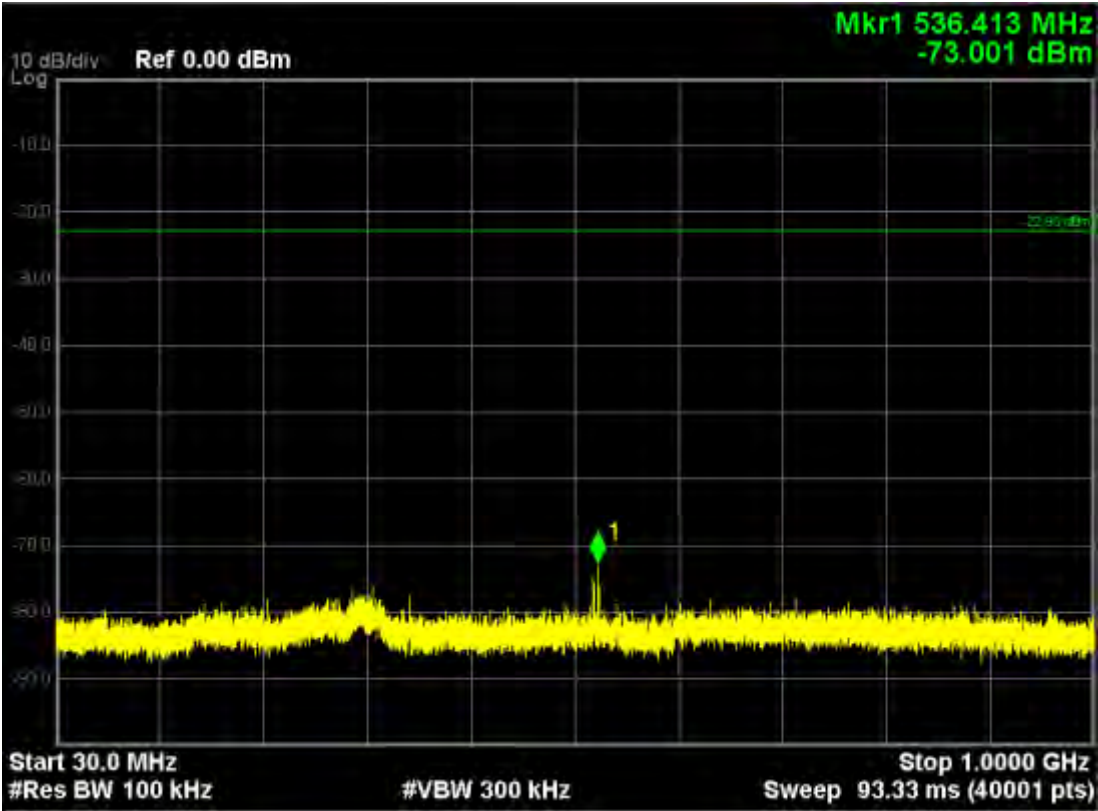


Note: The Mark1 point is carrier.

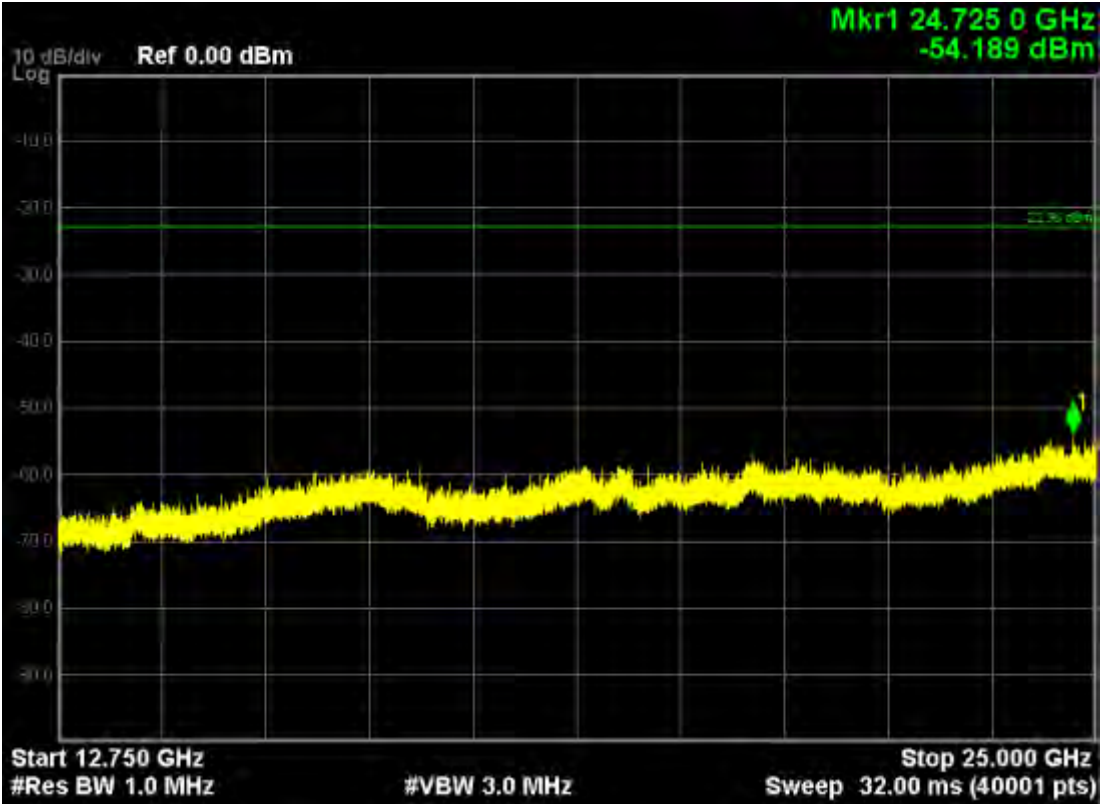


802.11ac20, traffic mode; Channel 36(mimo)

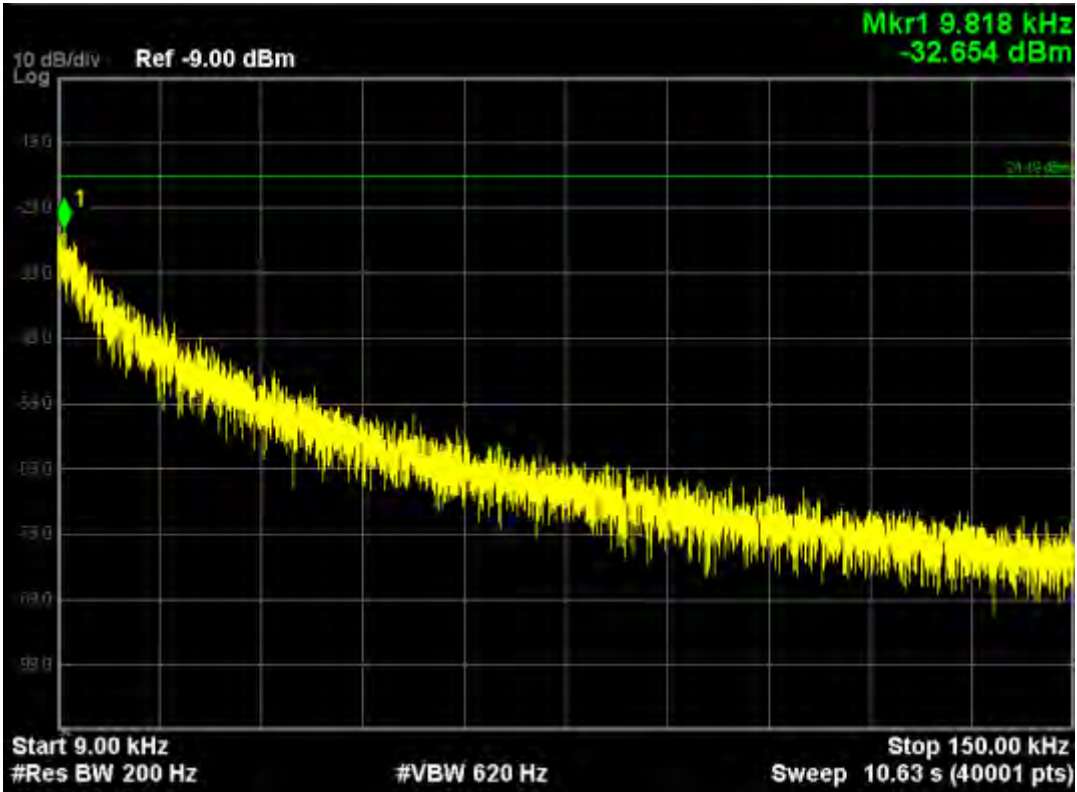


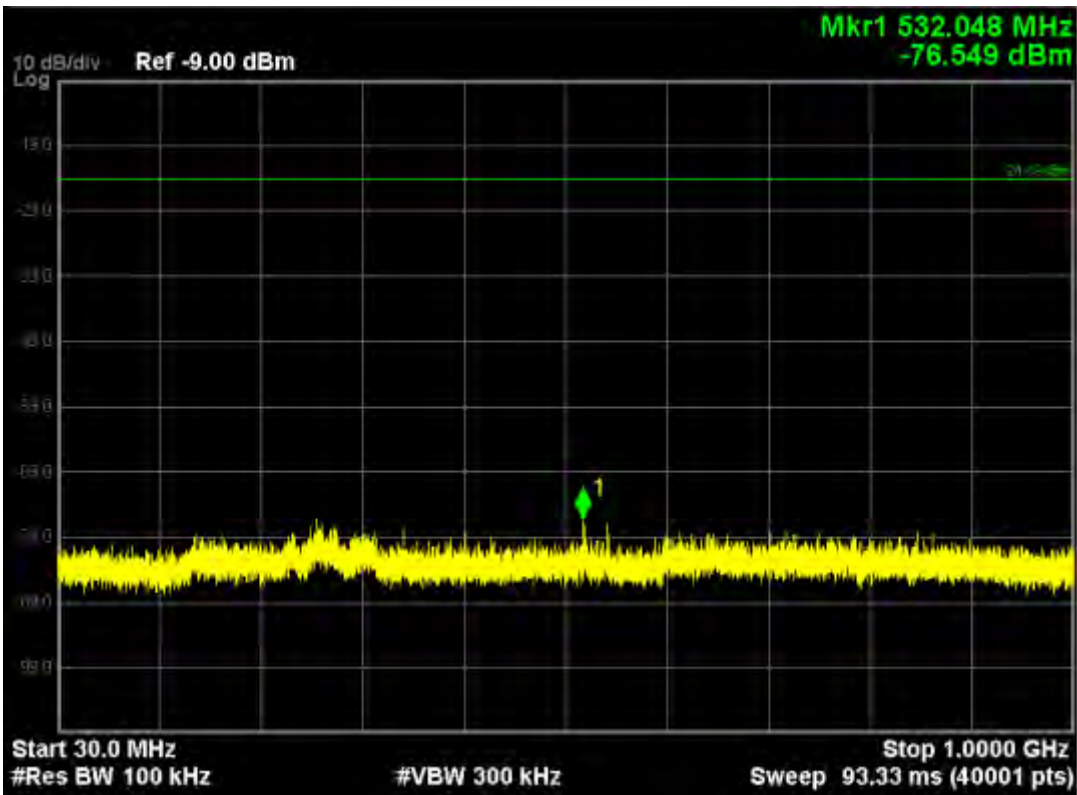
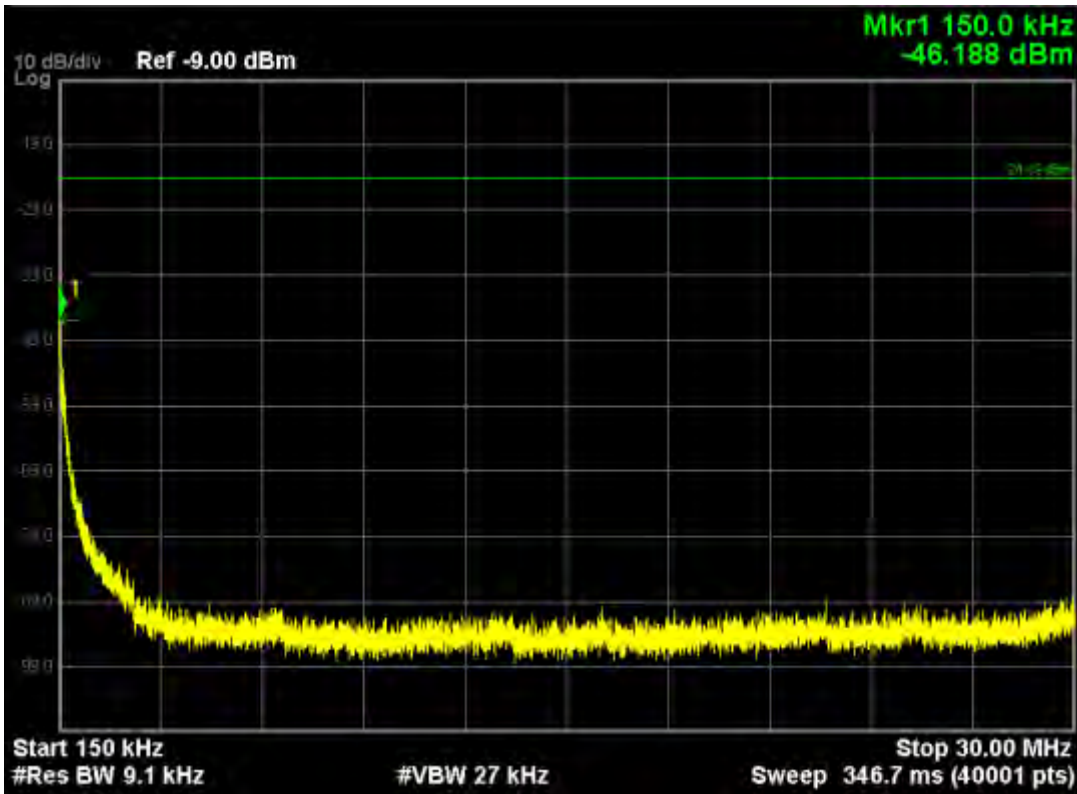


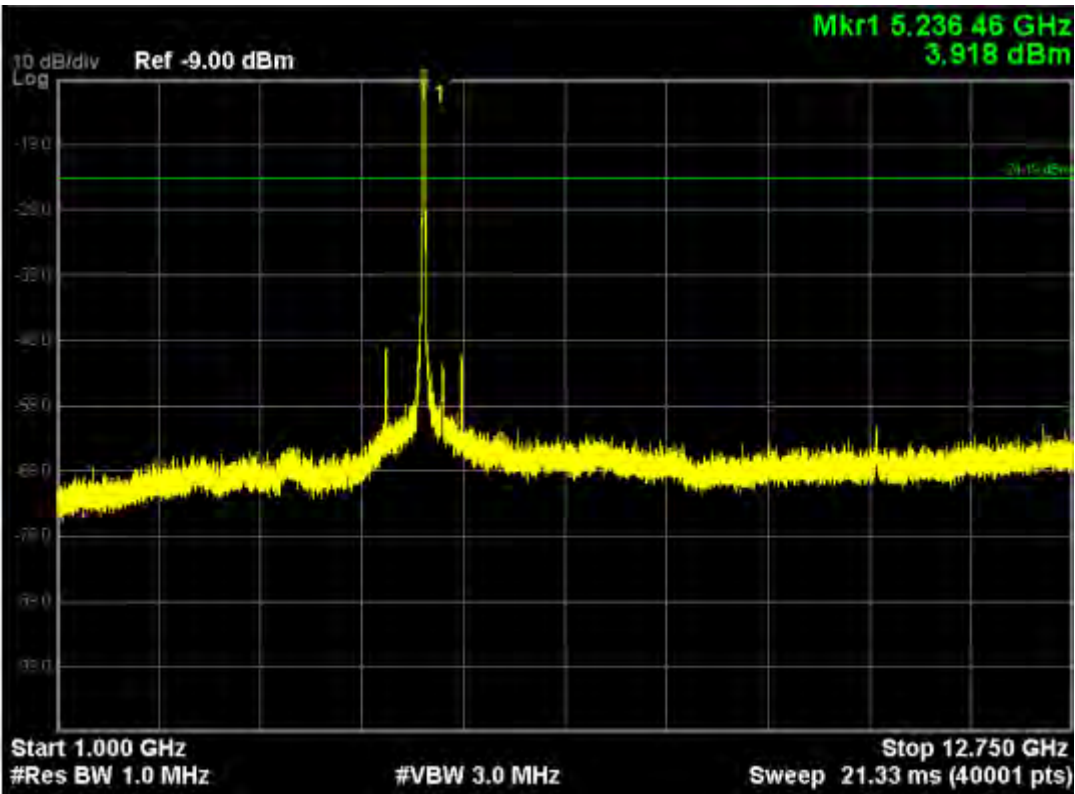
Note: The Mark1 point is carrier.



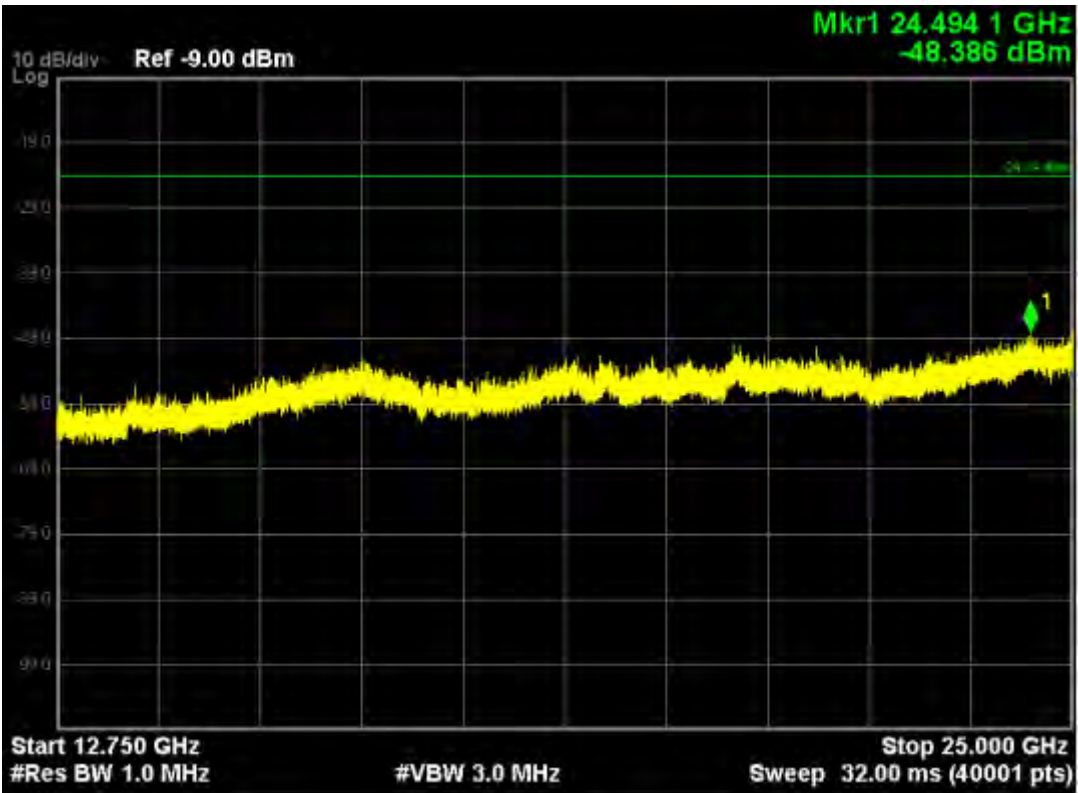
802.11ac20, traffic mode; Channel 48



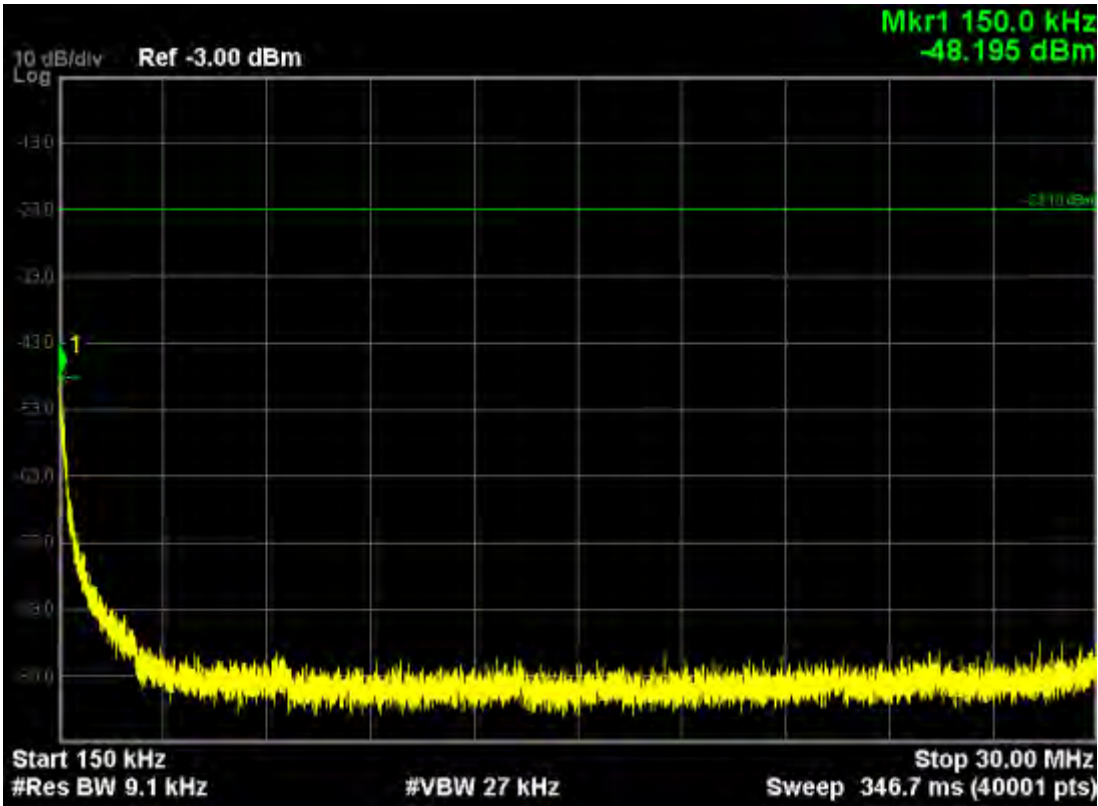
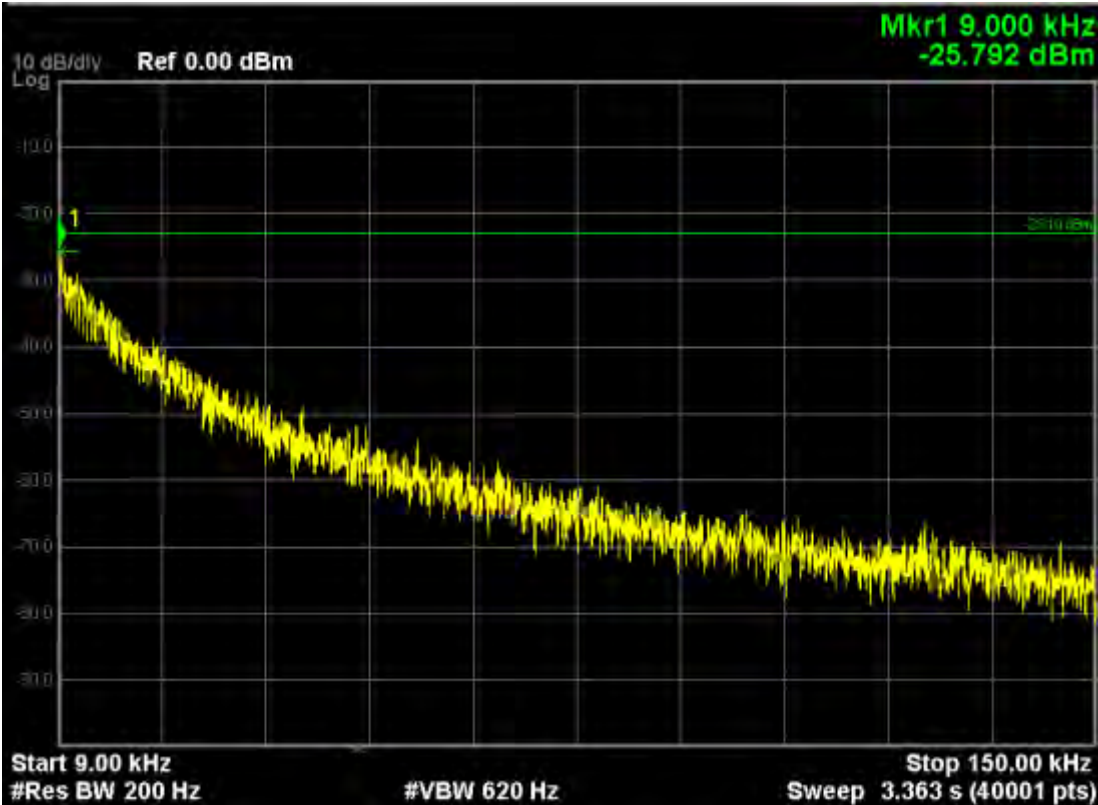


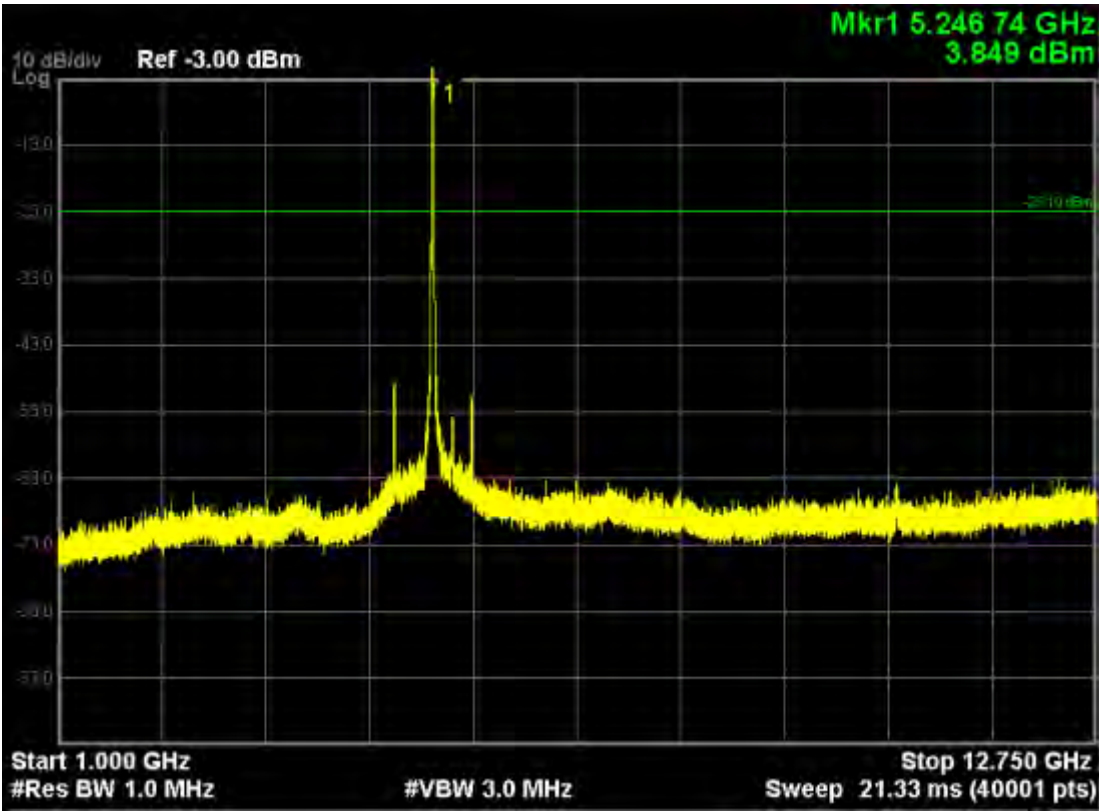
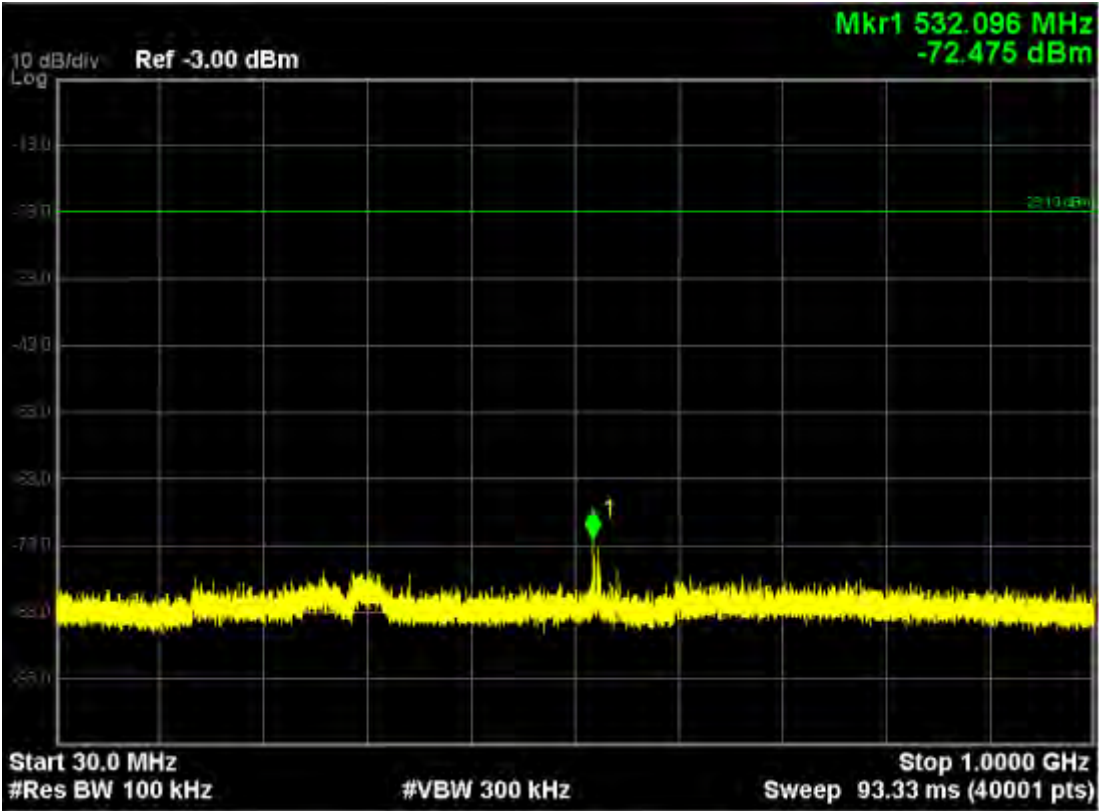


Note: The Mark1 point is carrier.

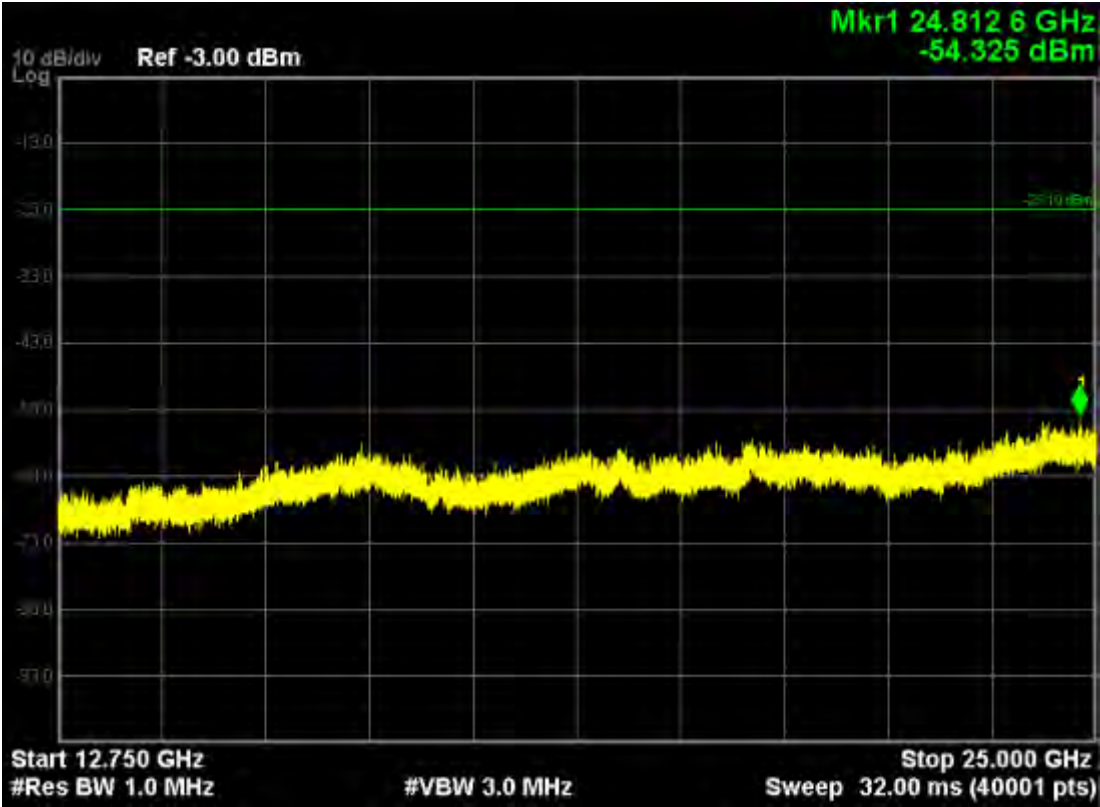


802.11ac20, traffic mode; Channel 48(mimo)

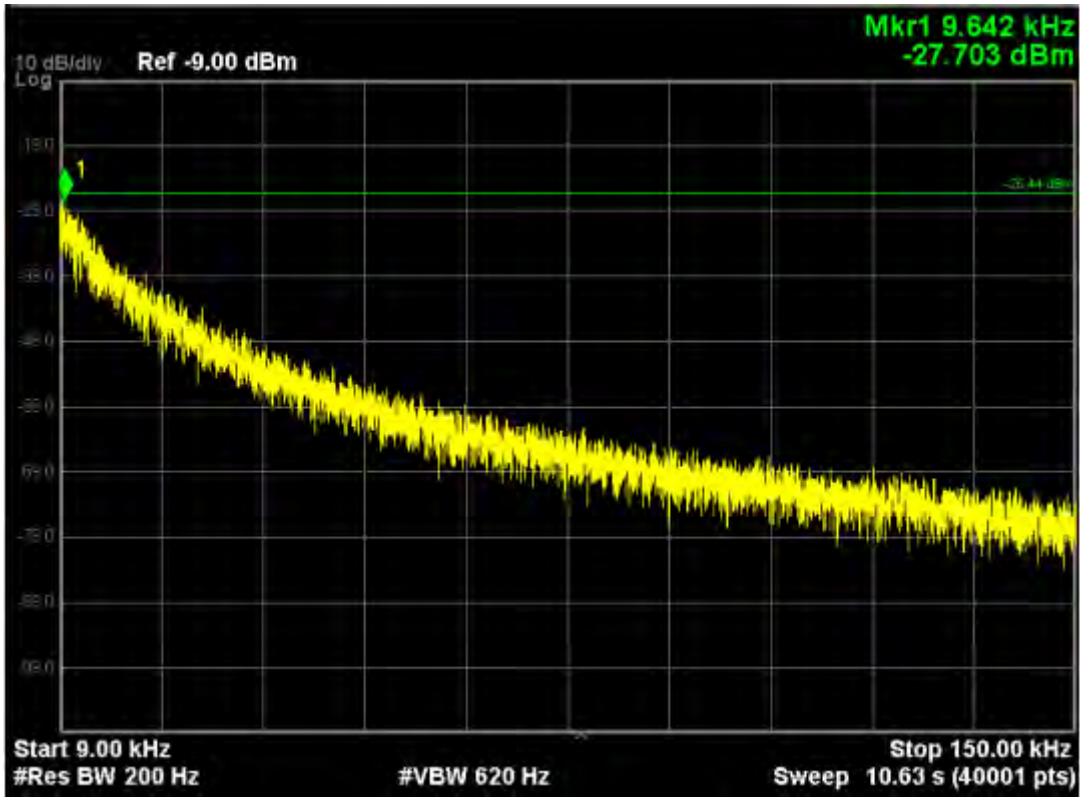


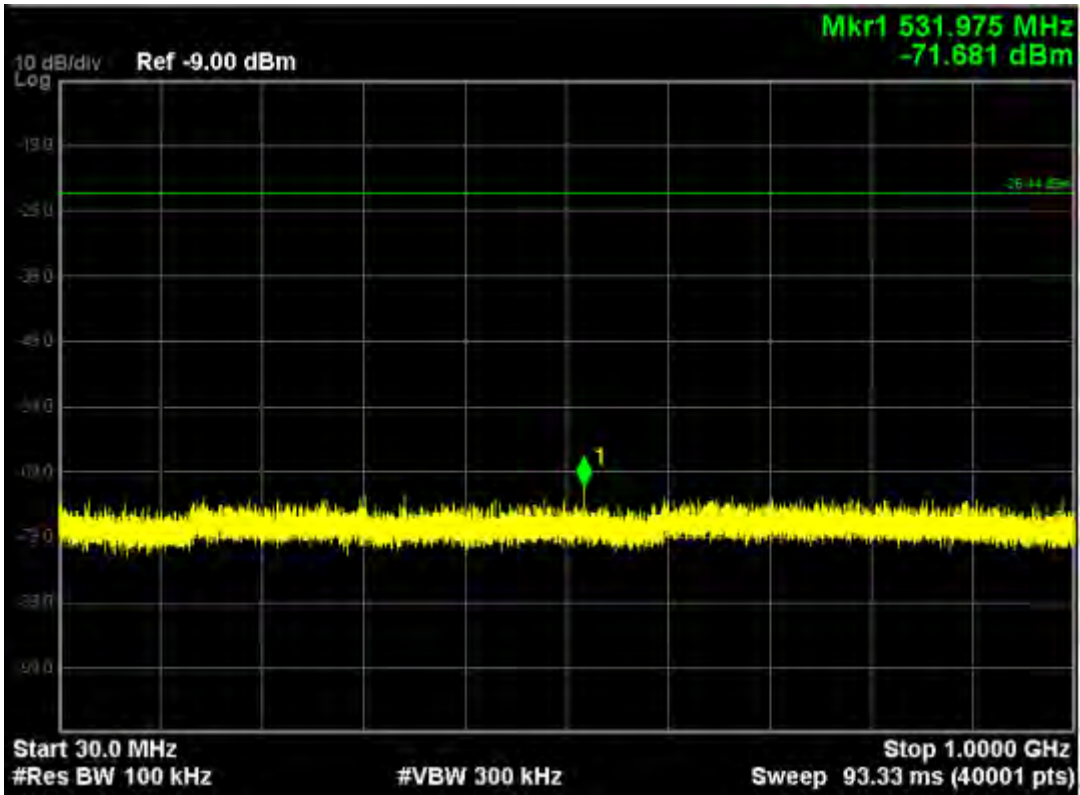
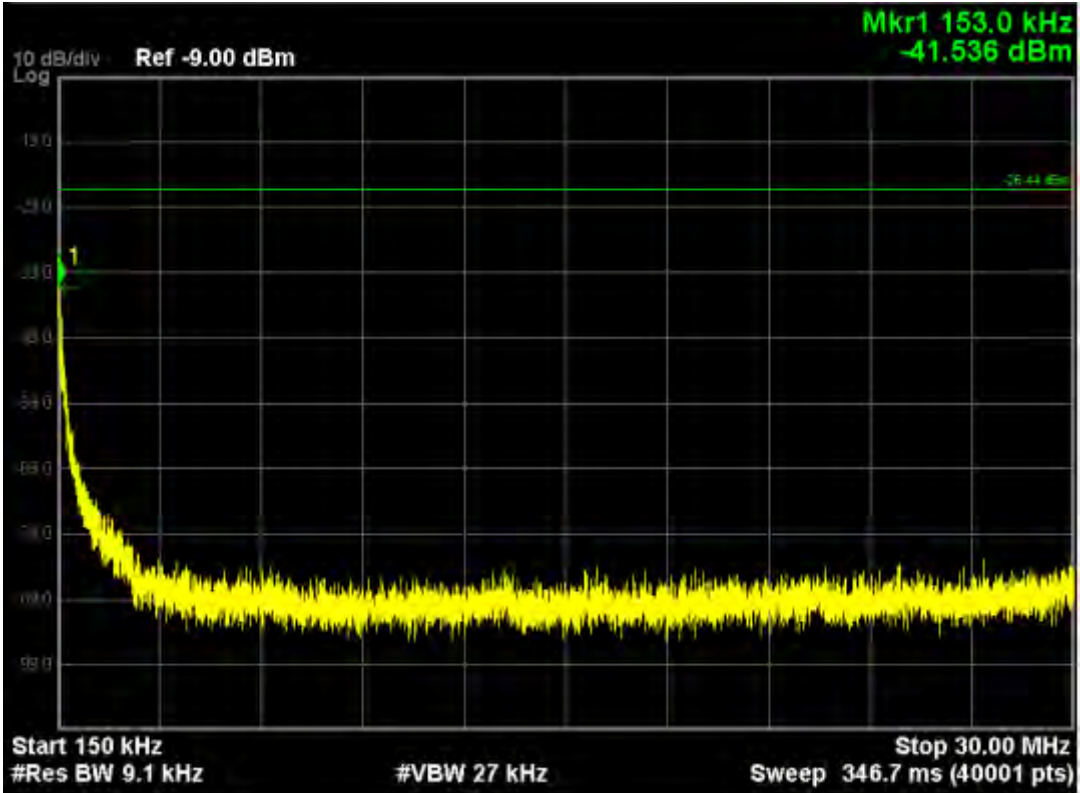


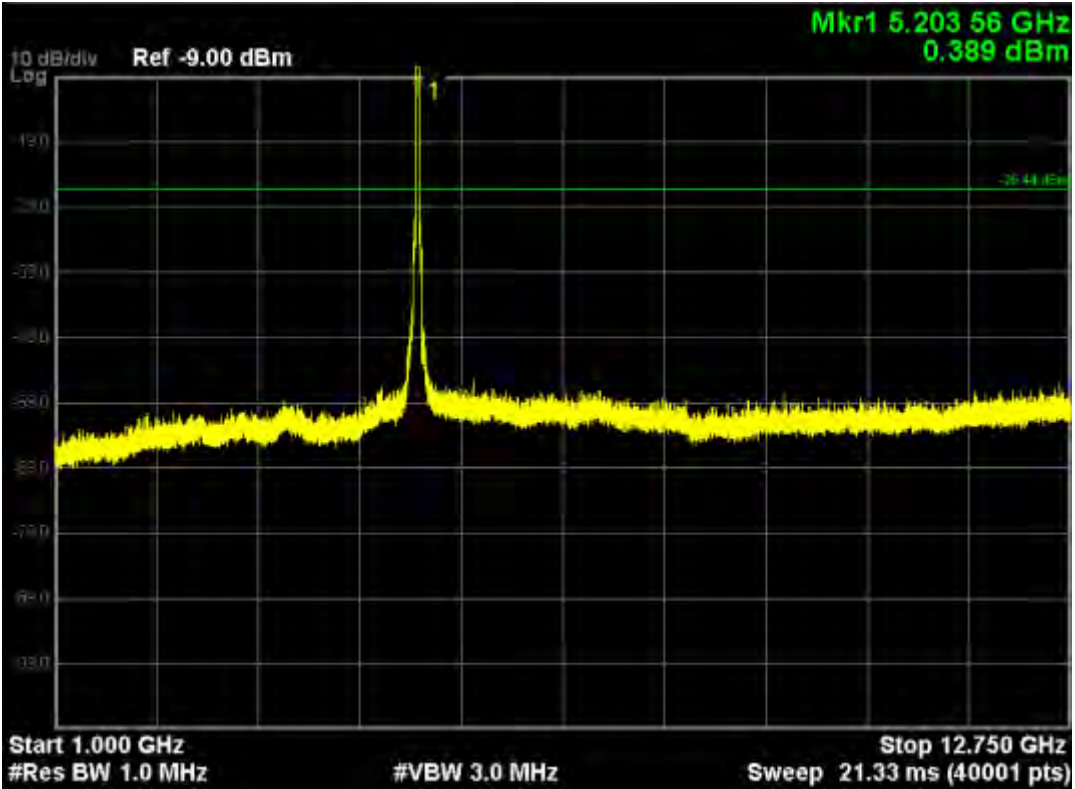
Note: The Mark1 point is carrier.



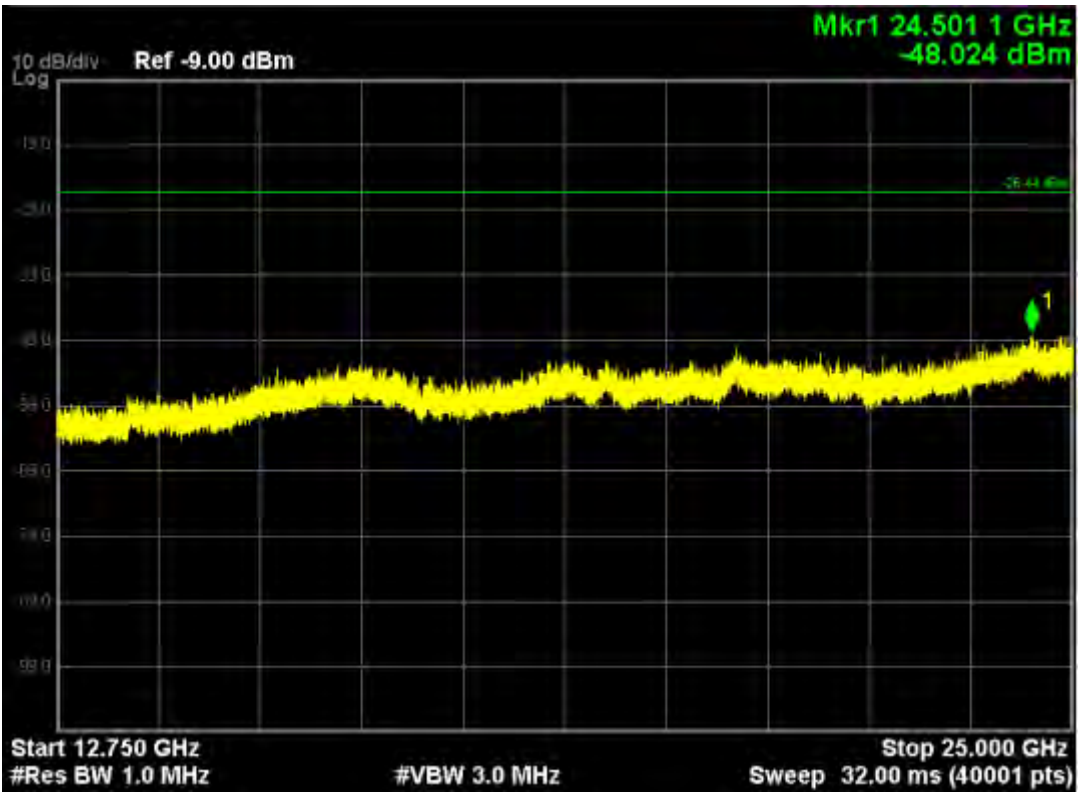
802.11ac40, traffic mode; Channel 38



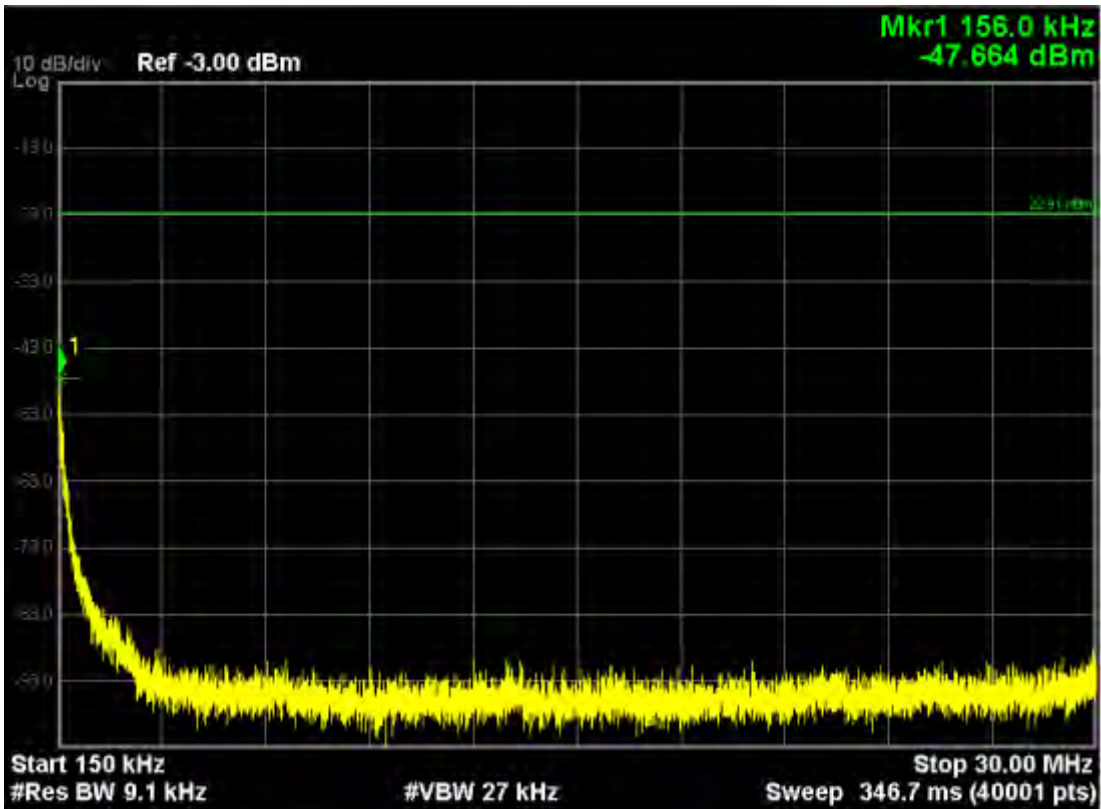
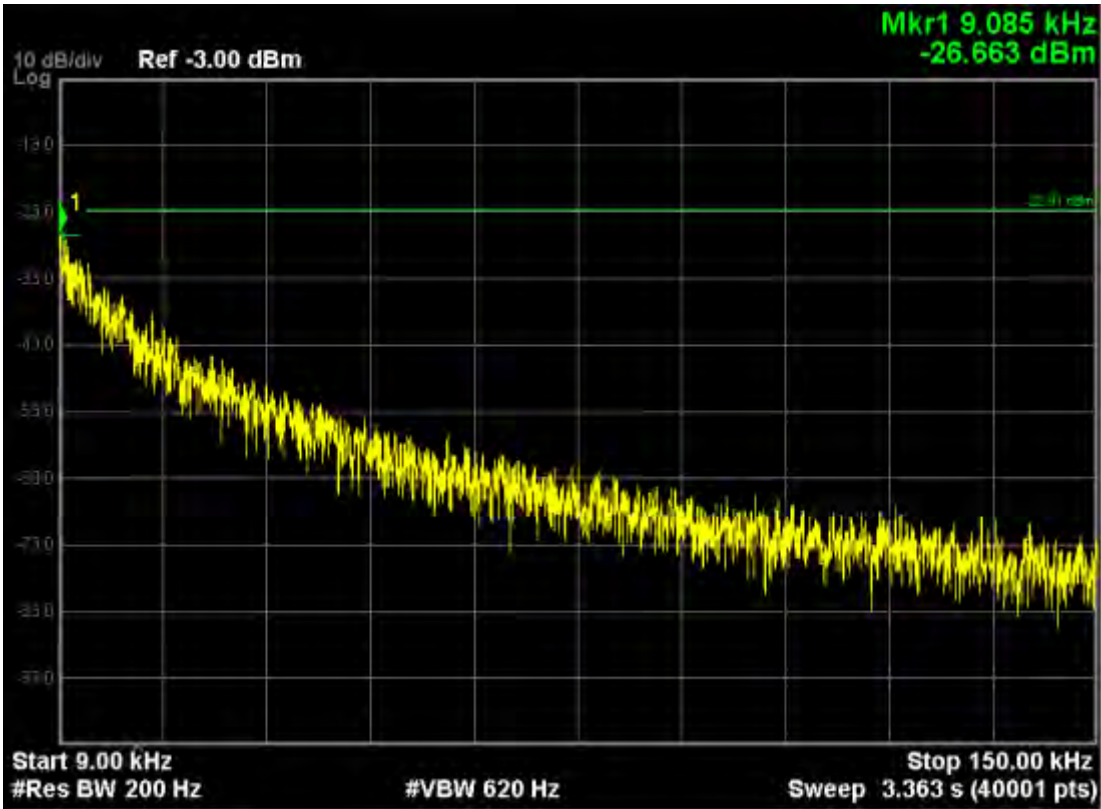


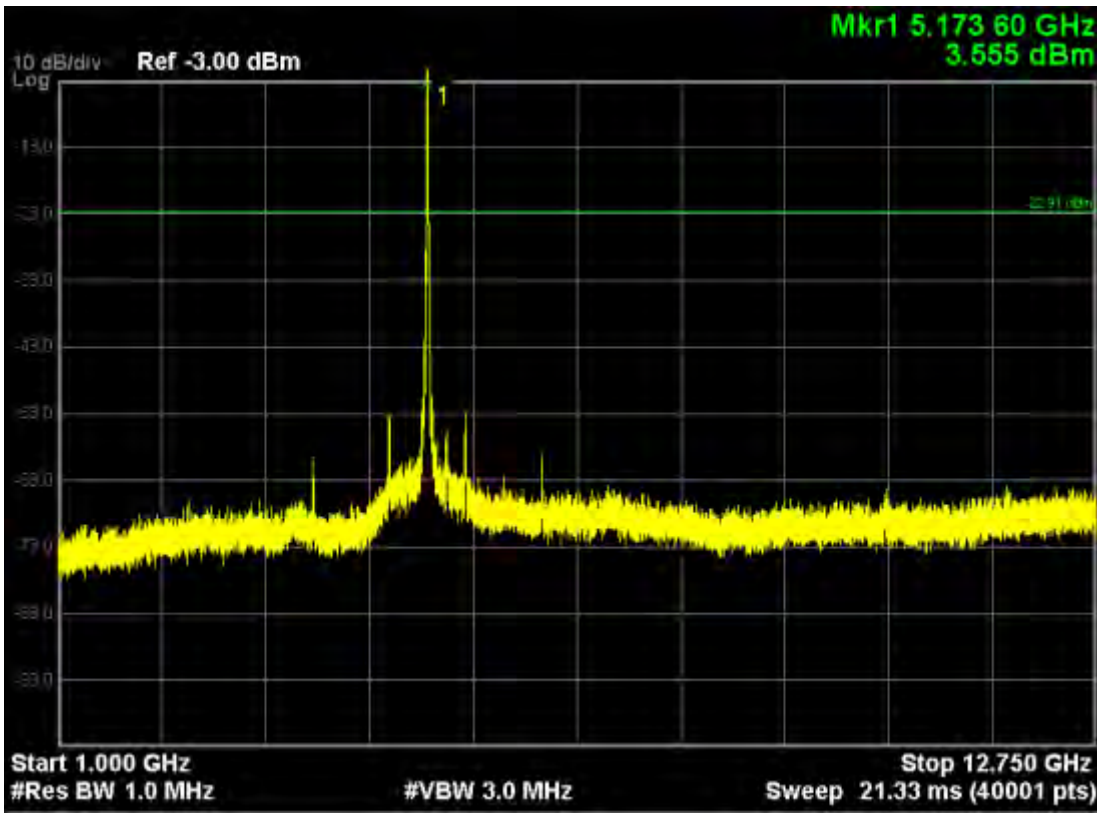
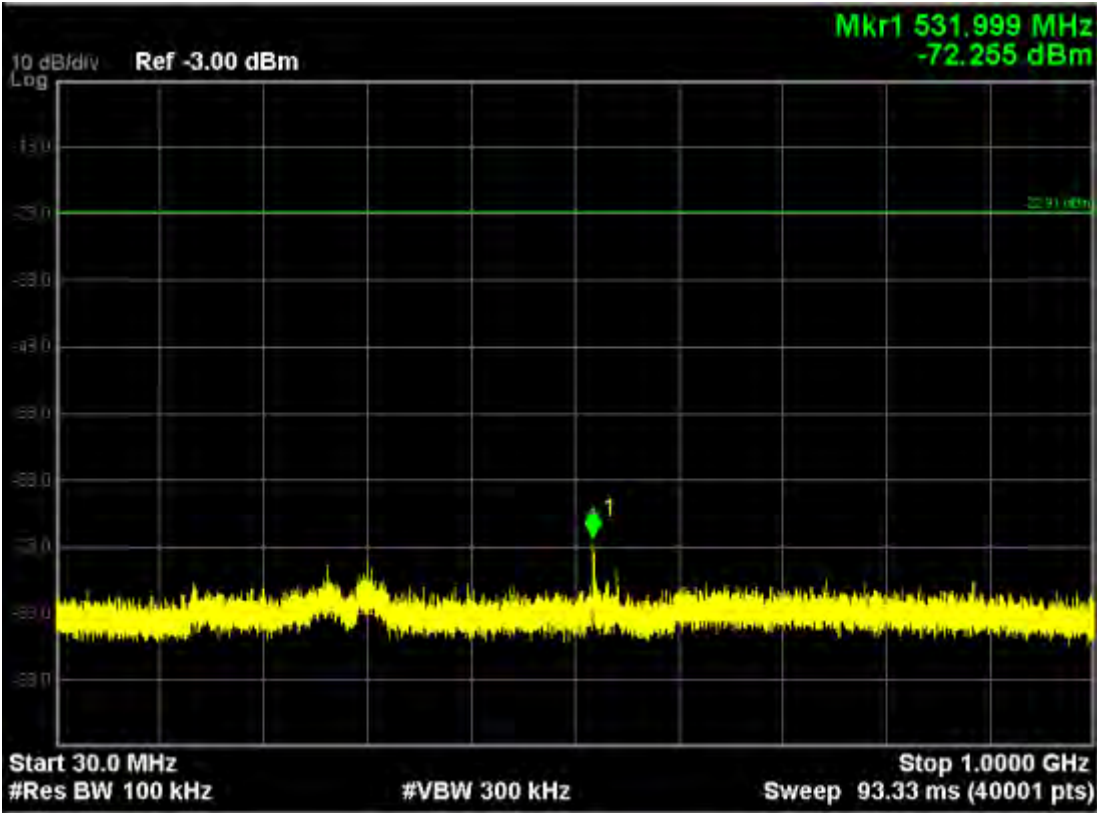


Note: The Mark1 point is carrier.

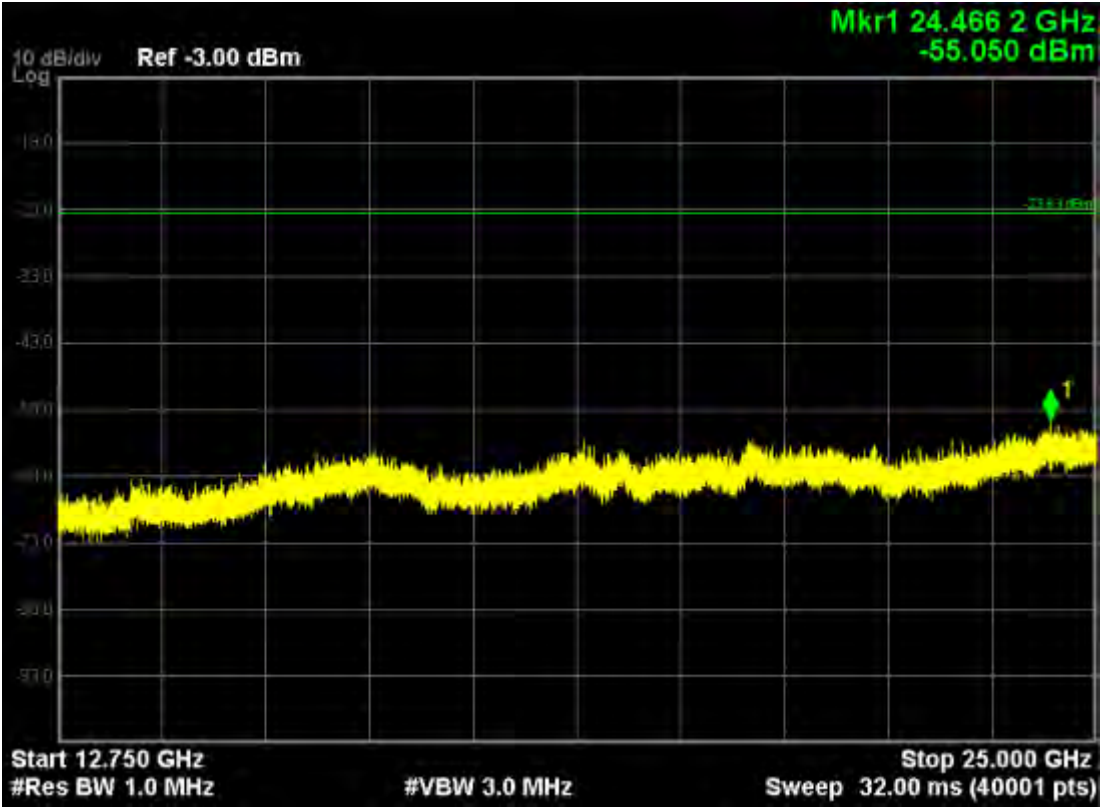


802.11ac40, traffic mode; Channel 38(mimo)

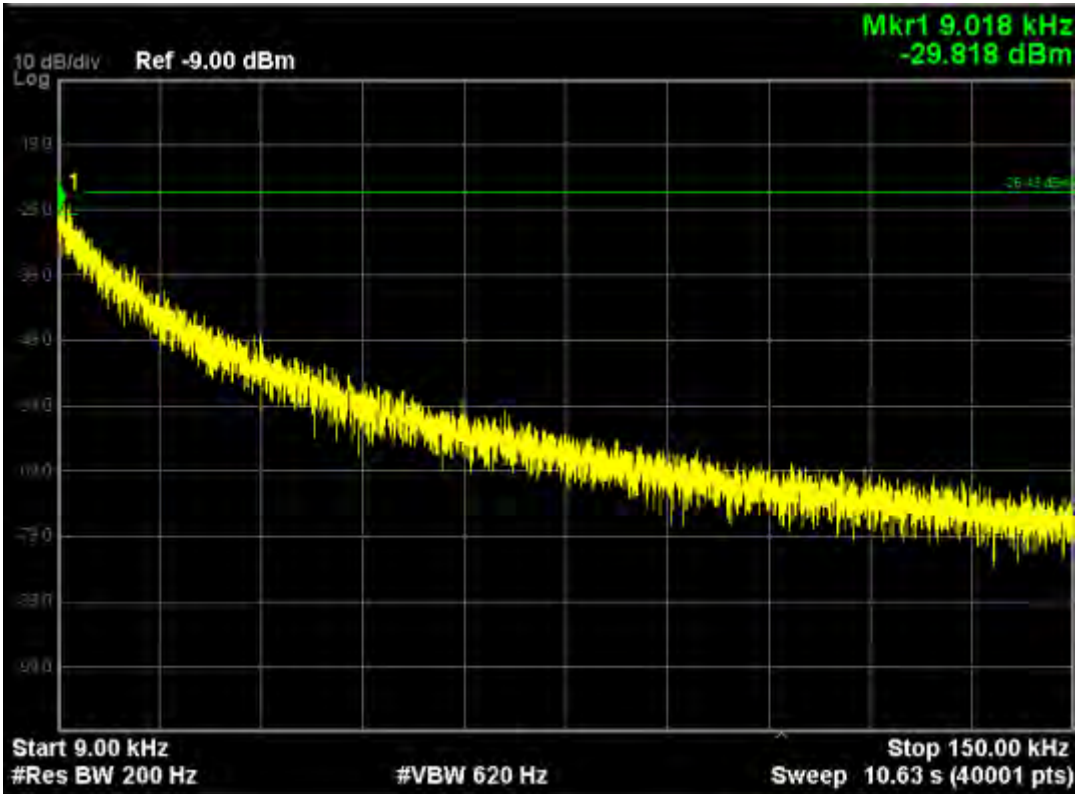


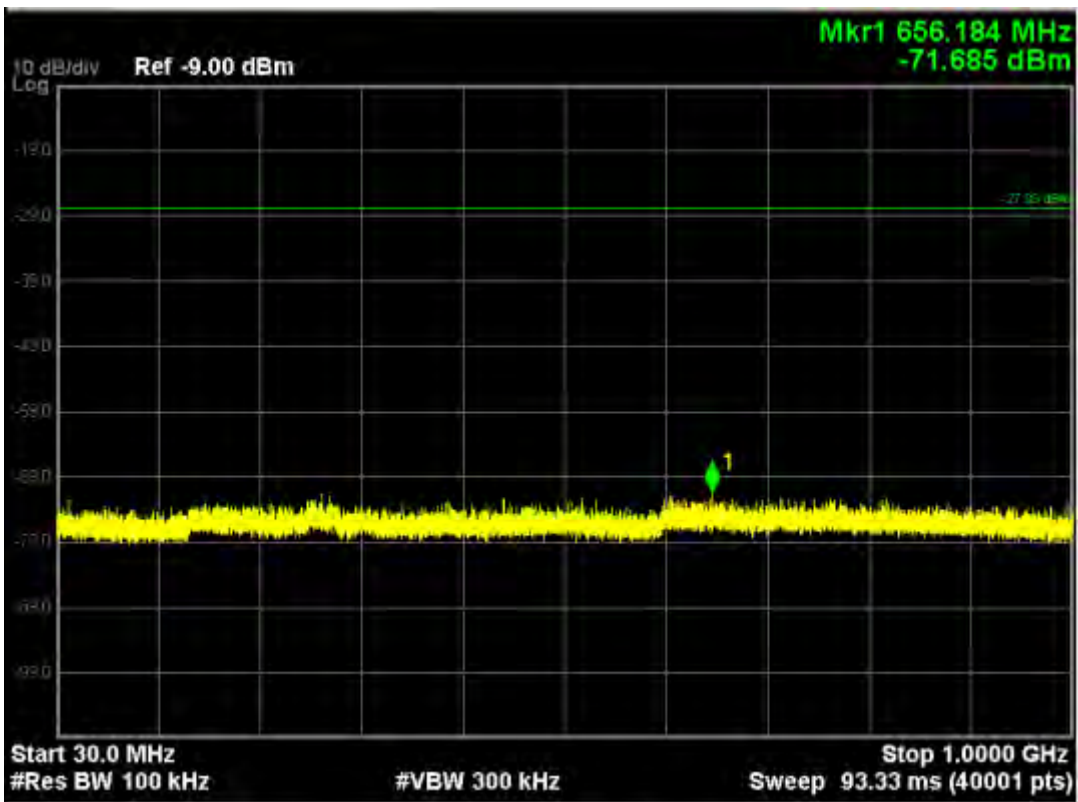
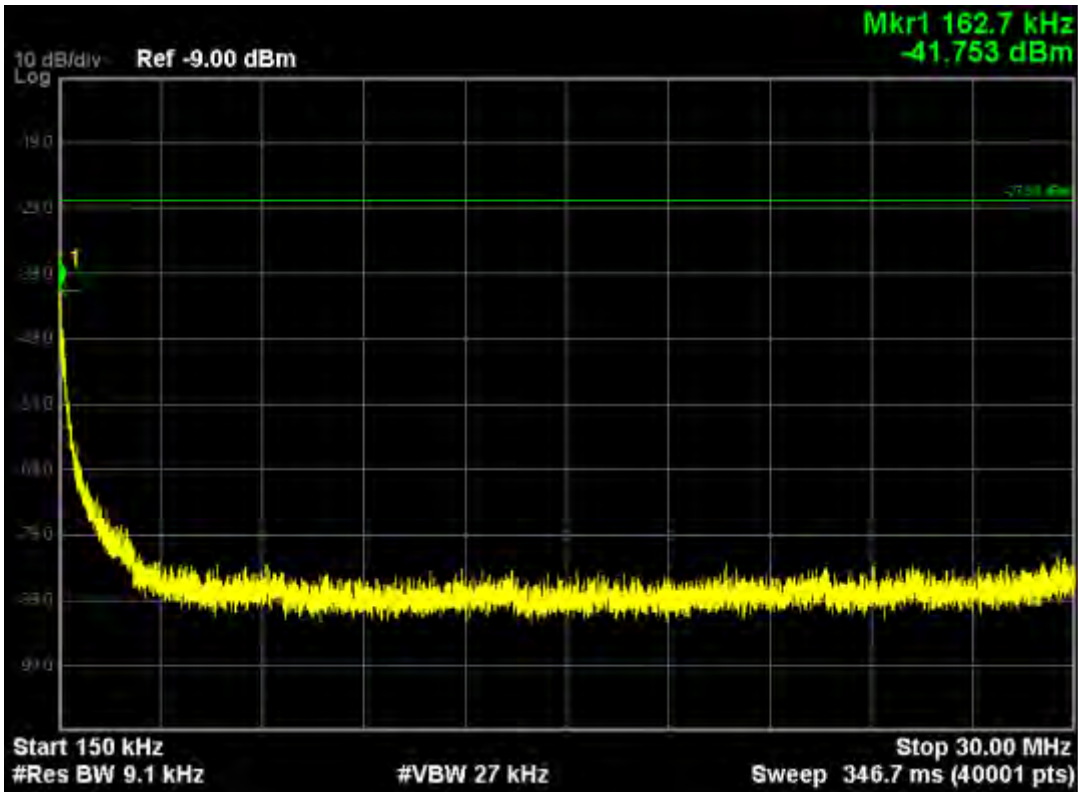


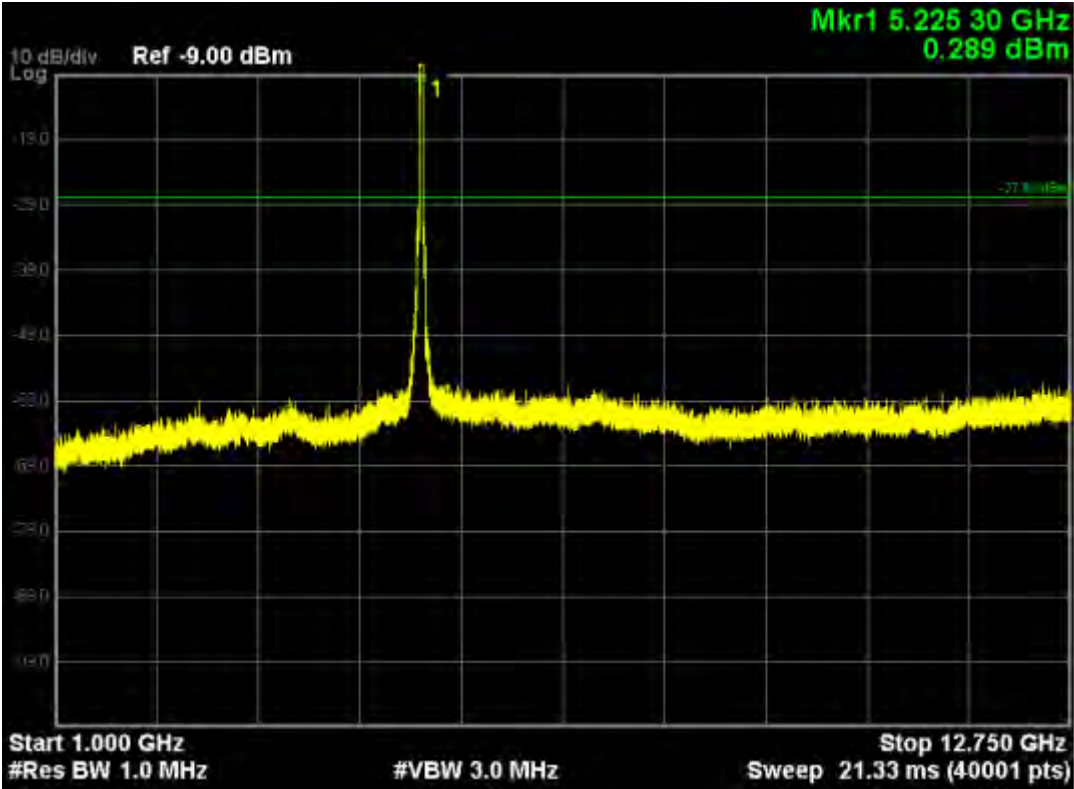
Note: The Mark1 point is carrier.



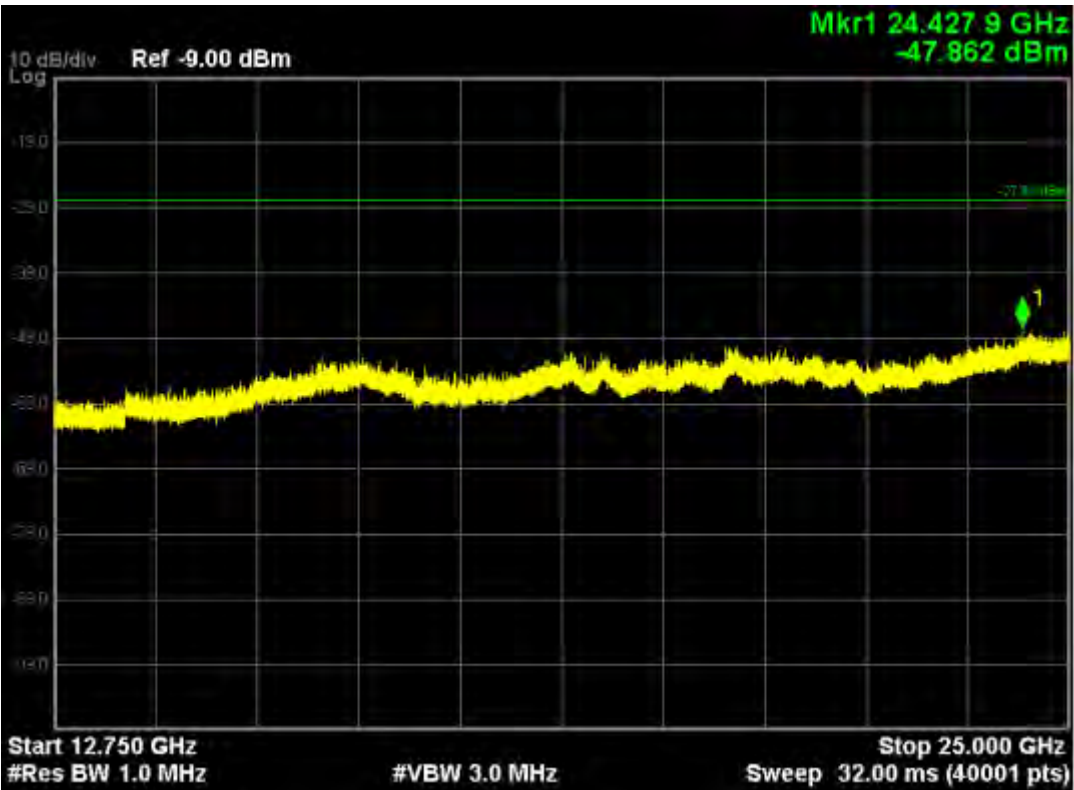
802.11ac40, traffic mode; Channel 46



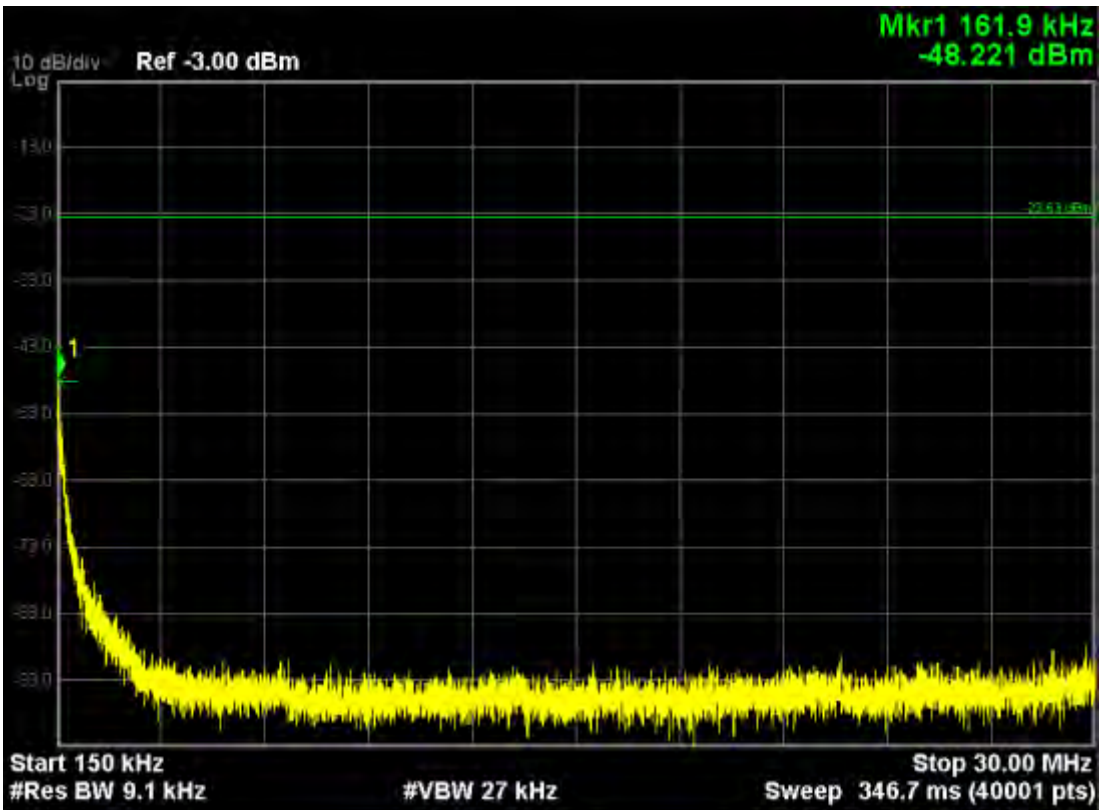
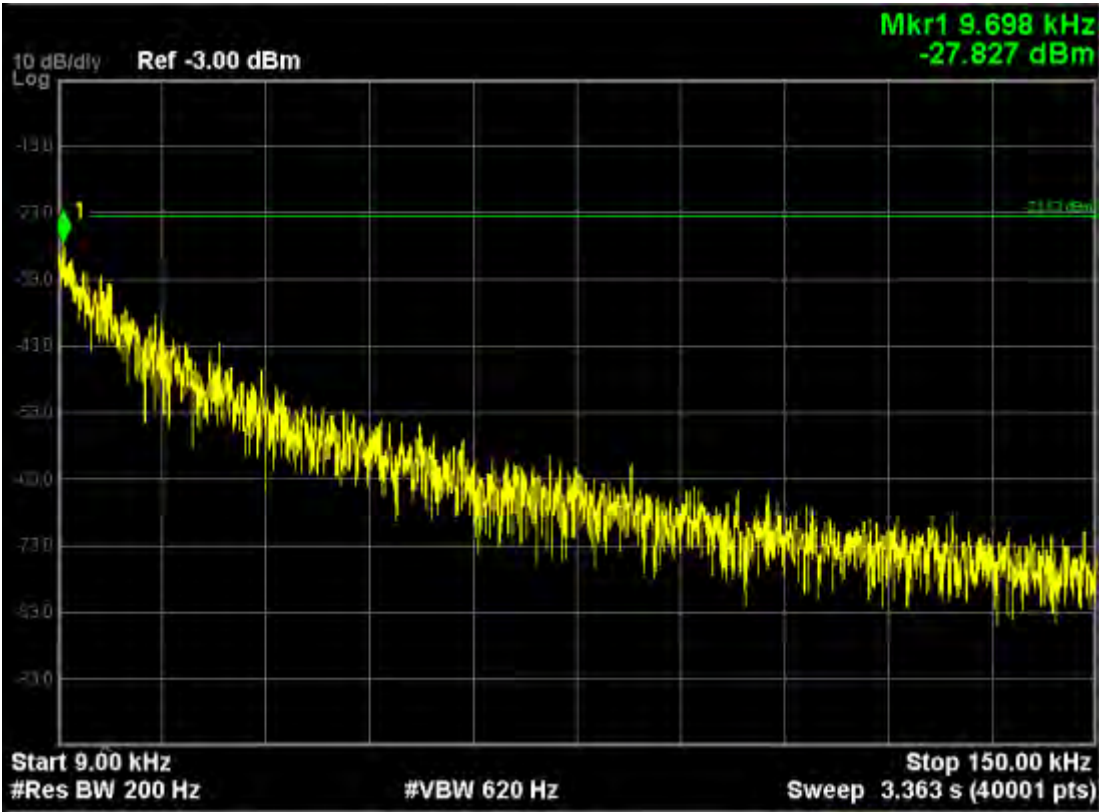


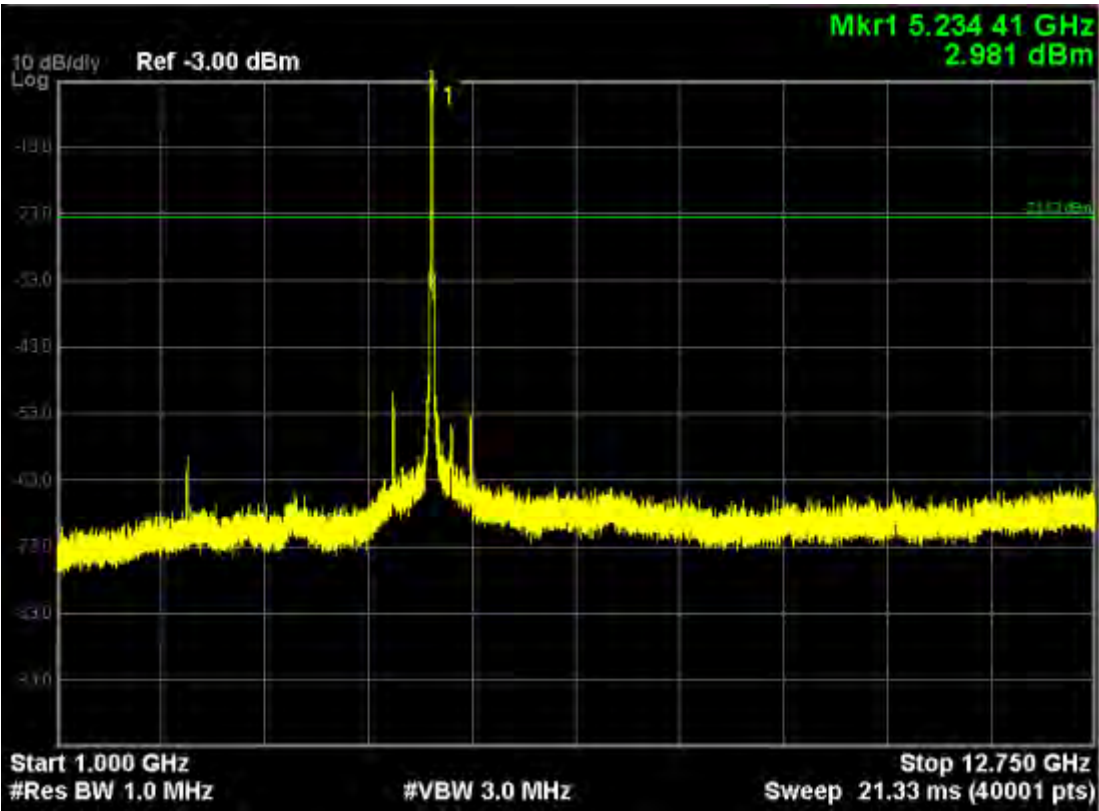
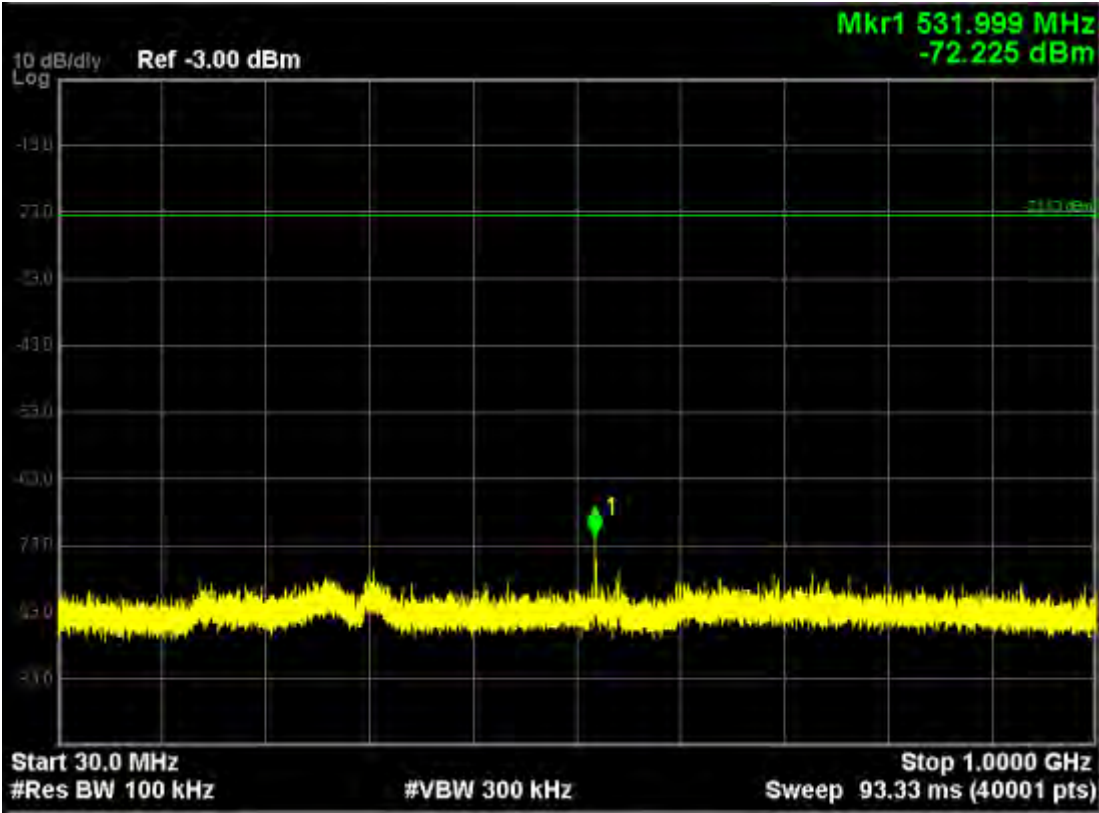


Note: The Mark1 point is carrier.

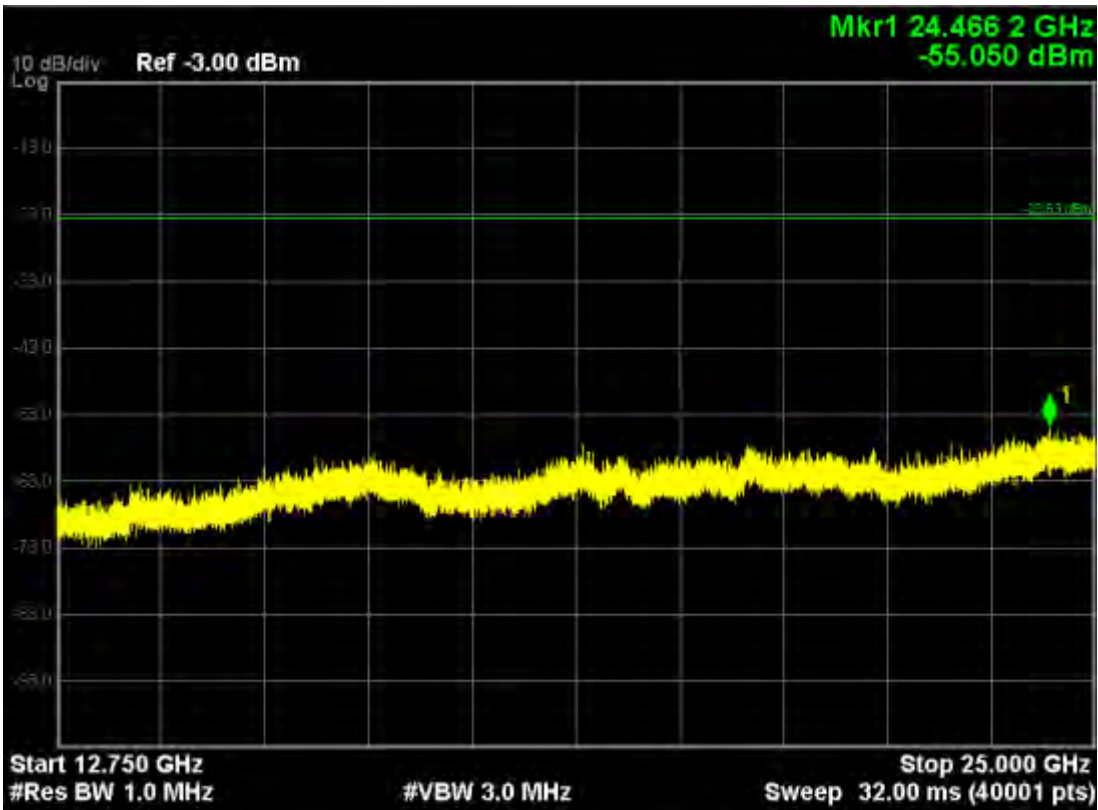


802.11ac40, traffic mode; Channel 46(mimo)

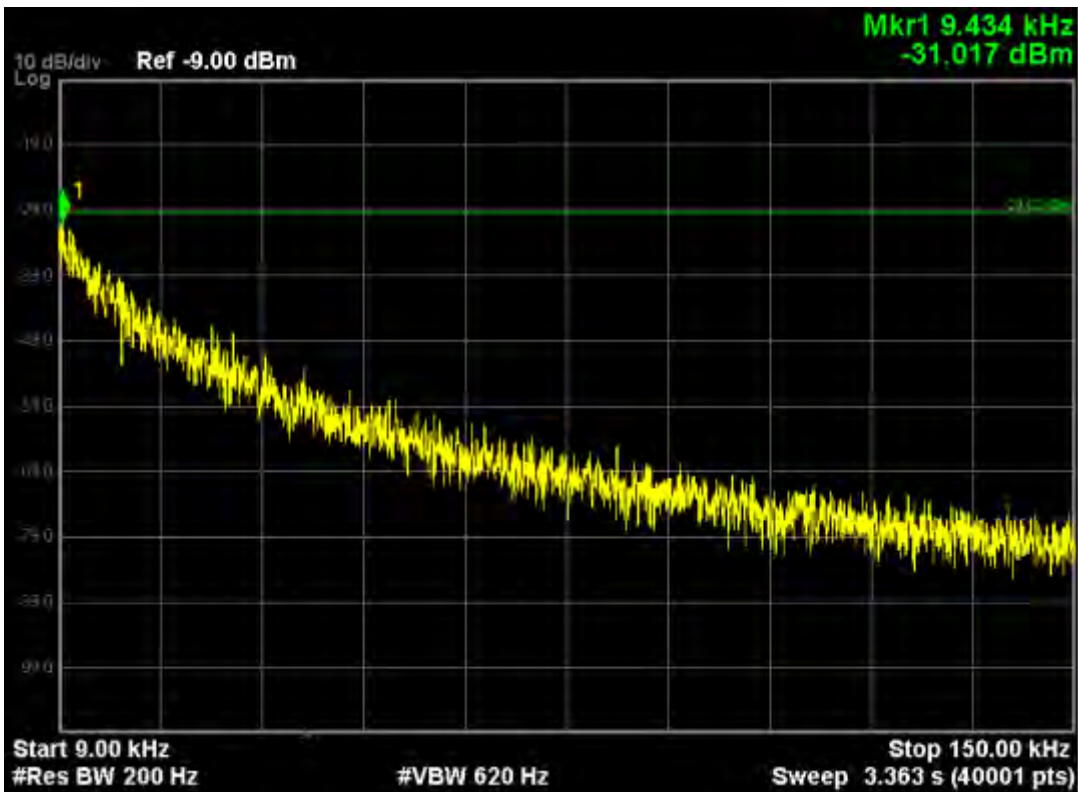


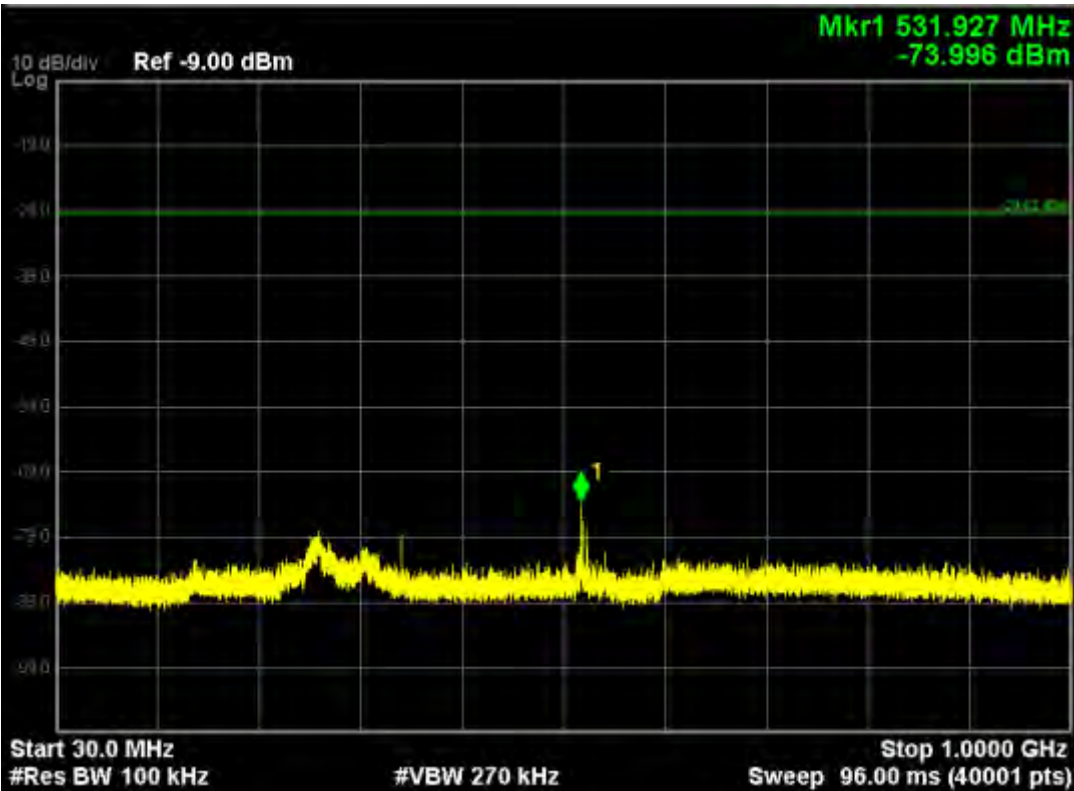
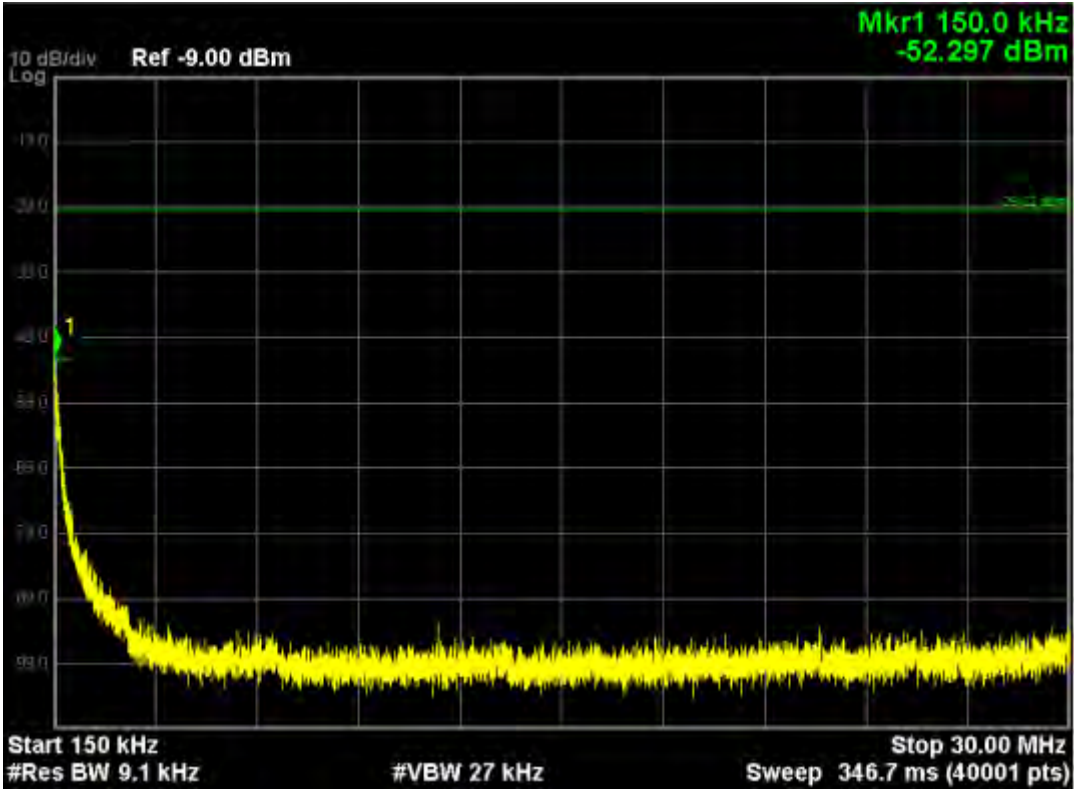


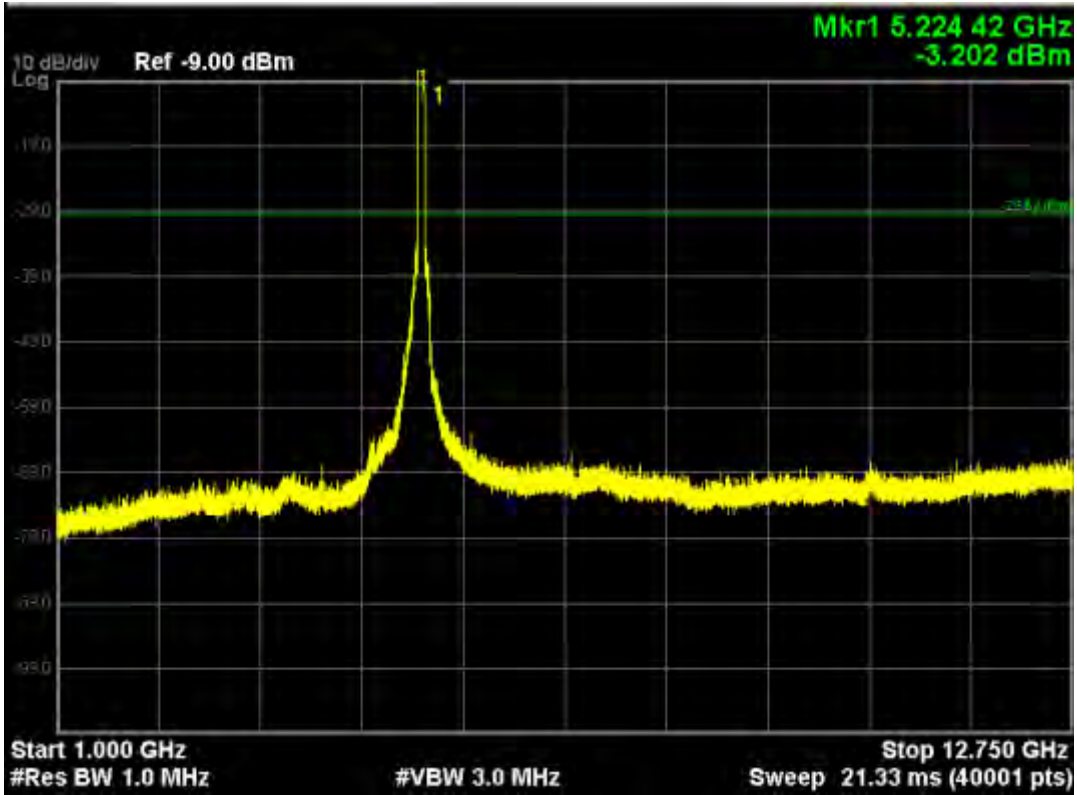
Note: The Mark1 point is carrier.



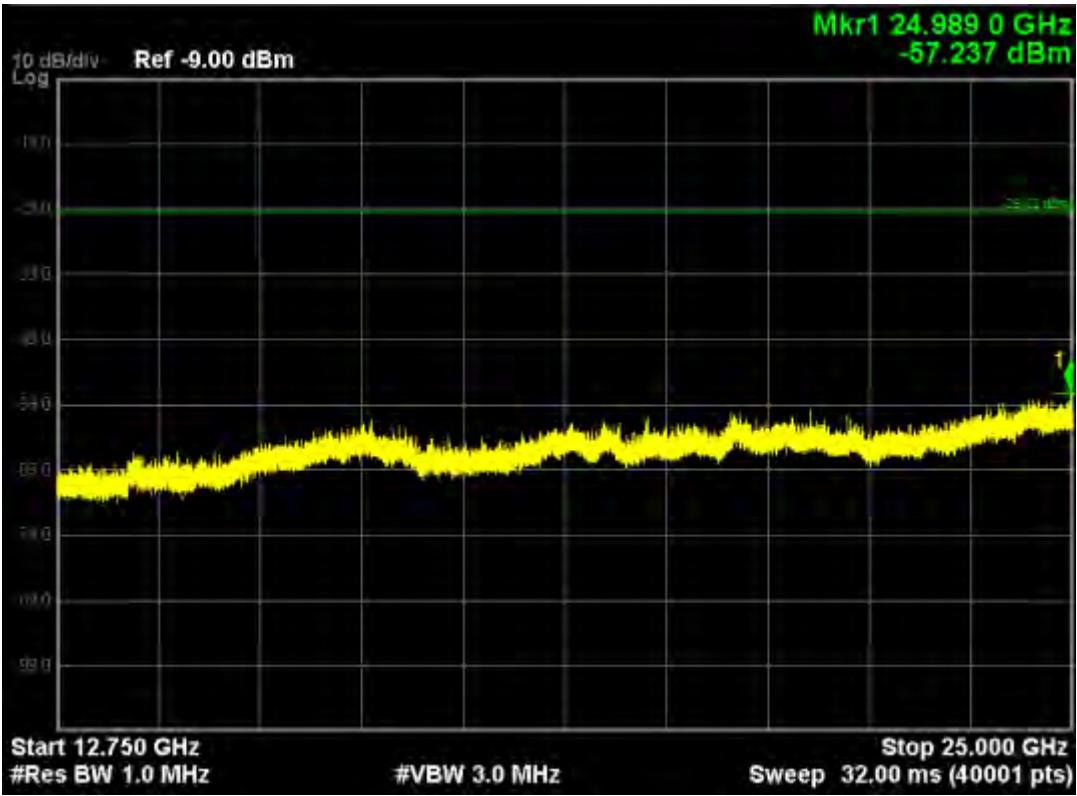
802.11ac80, traffic mode; Channel 42



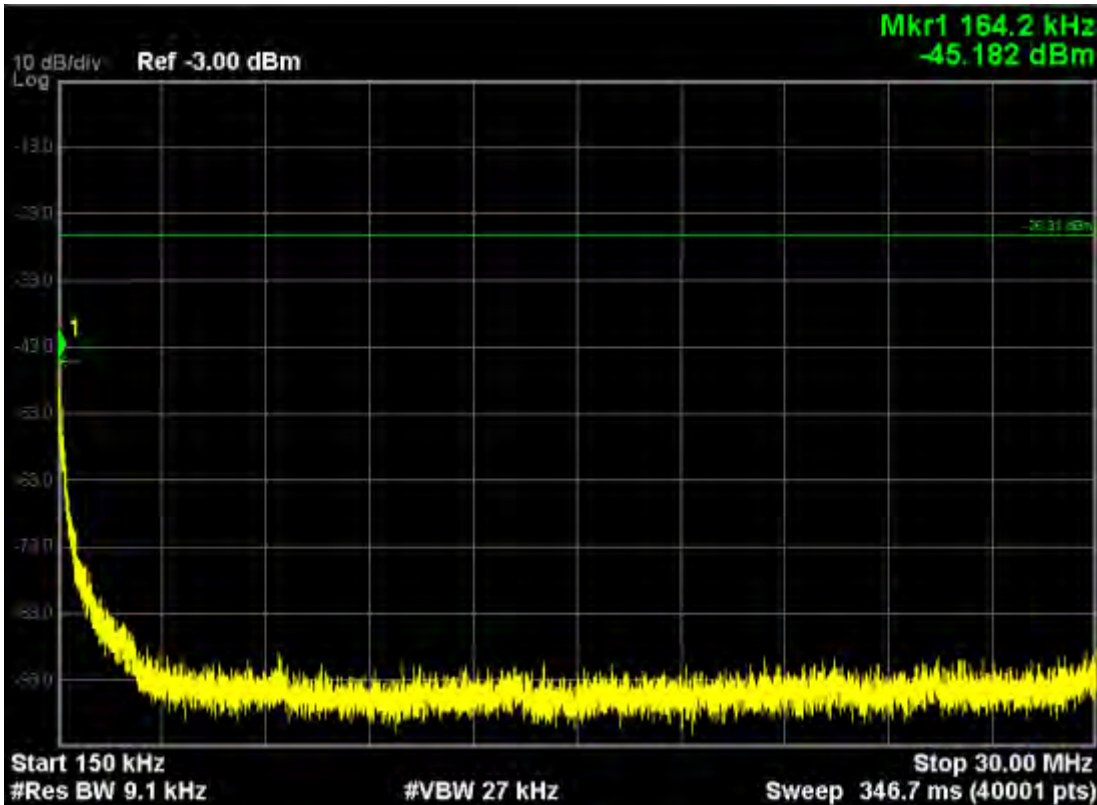
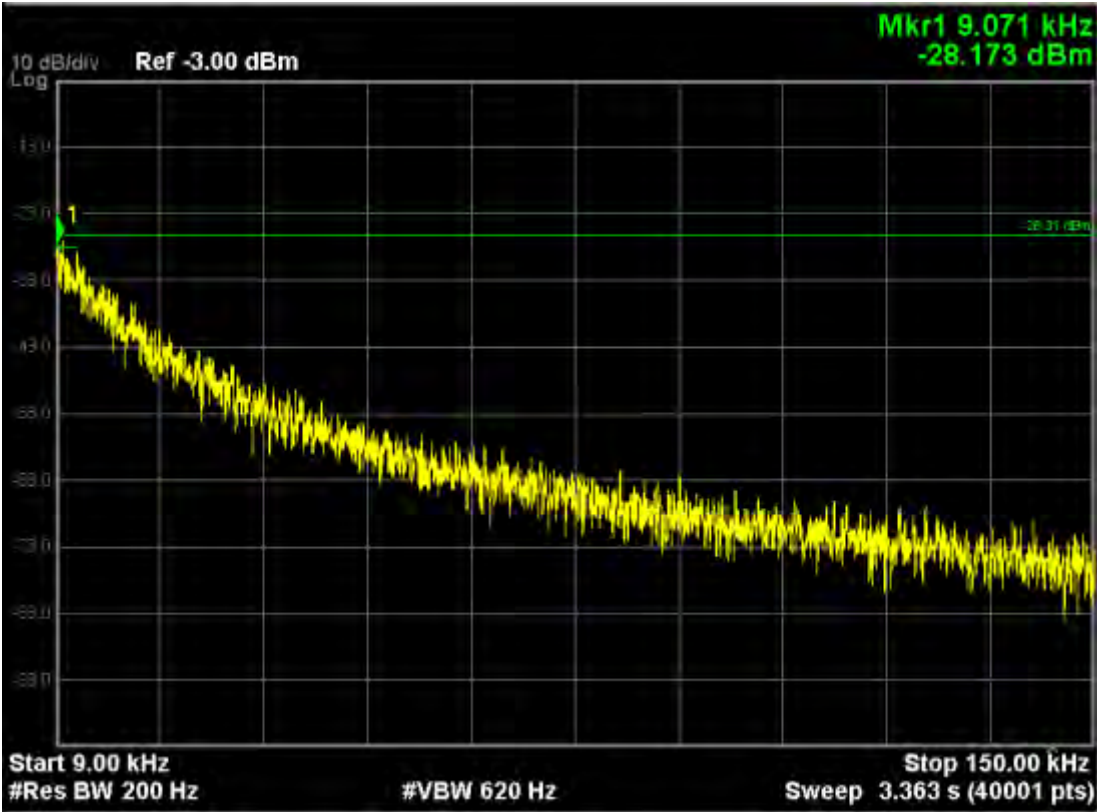


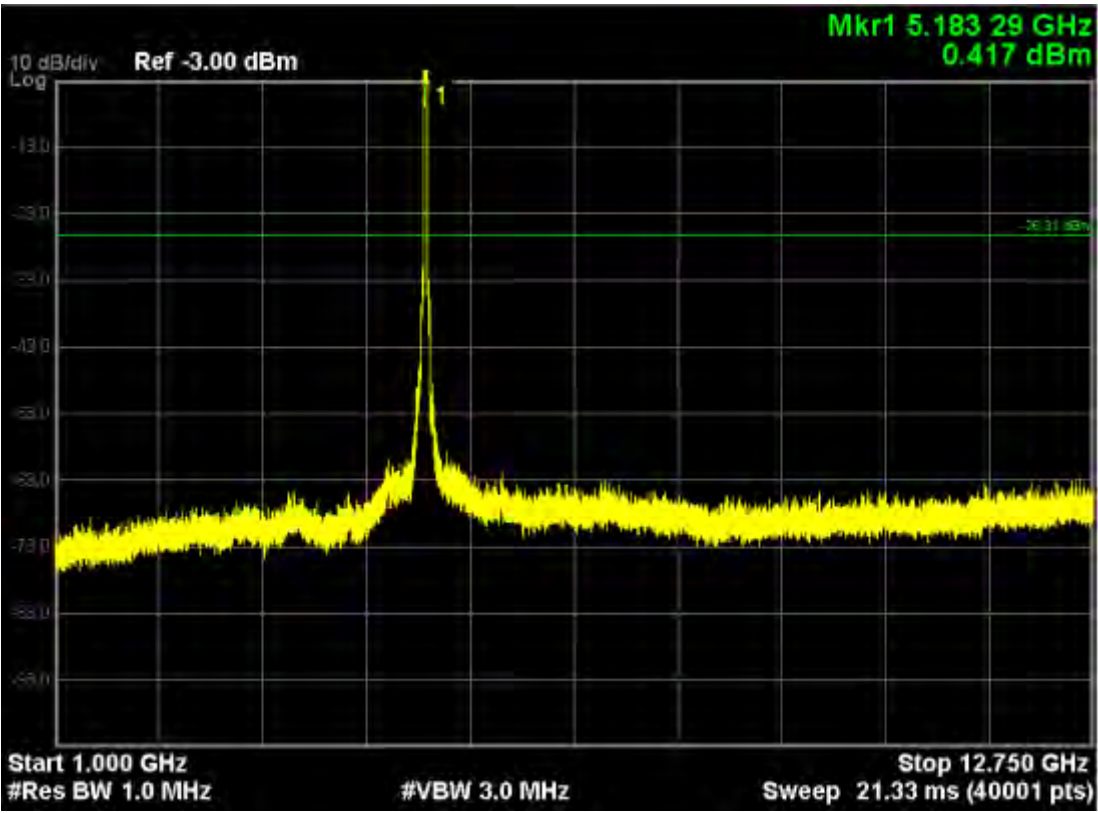
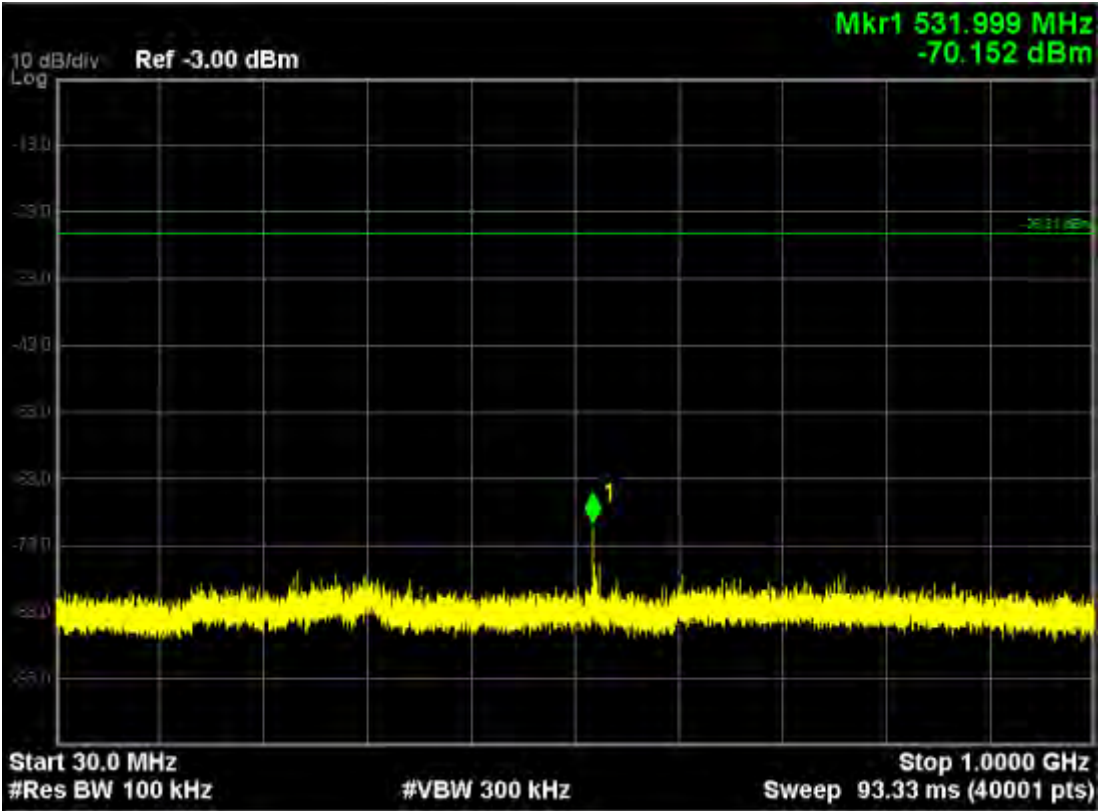


Note: The Mark1 point is carrier.

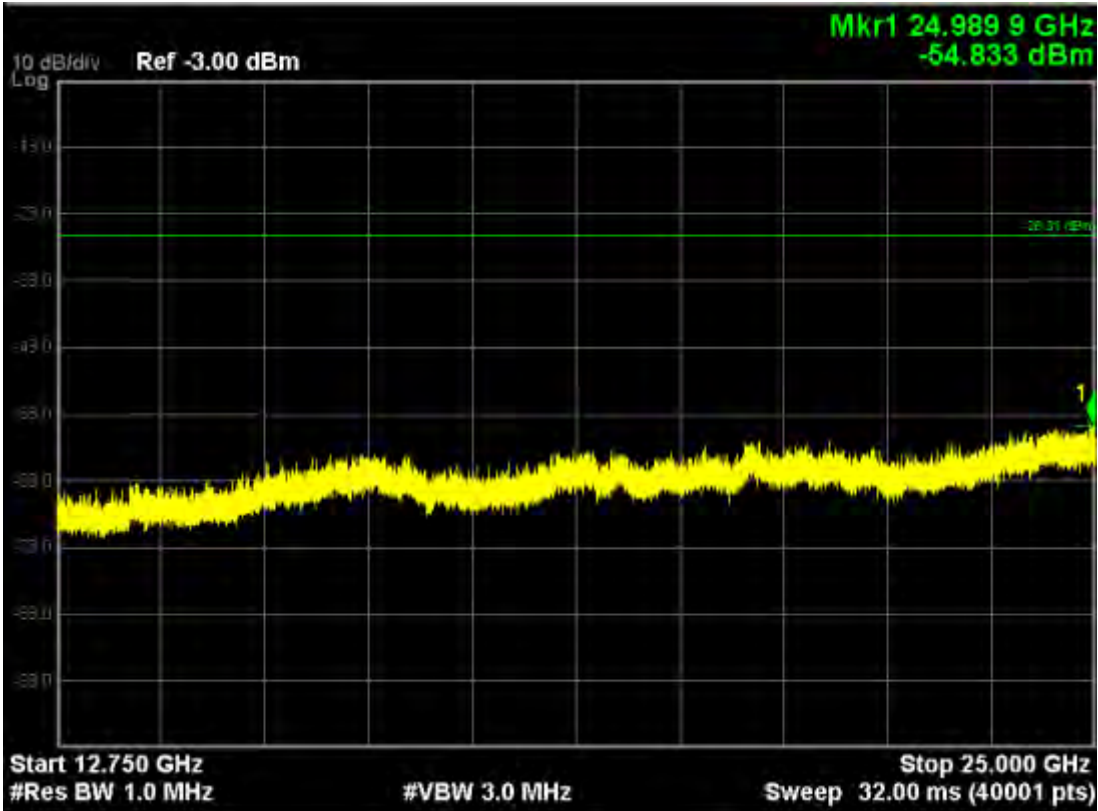


802.11ac80, traffic mode; Channel 42(mimo)

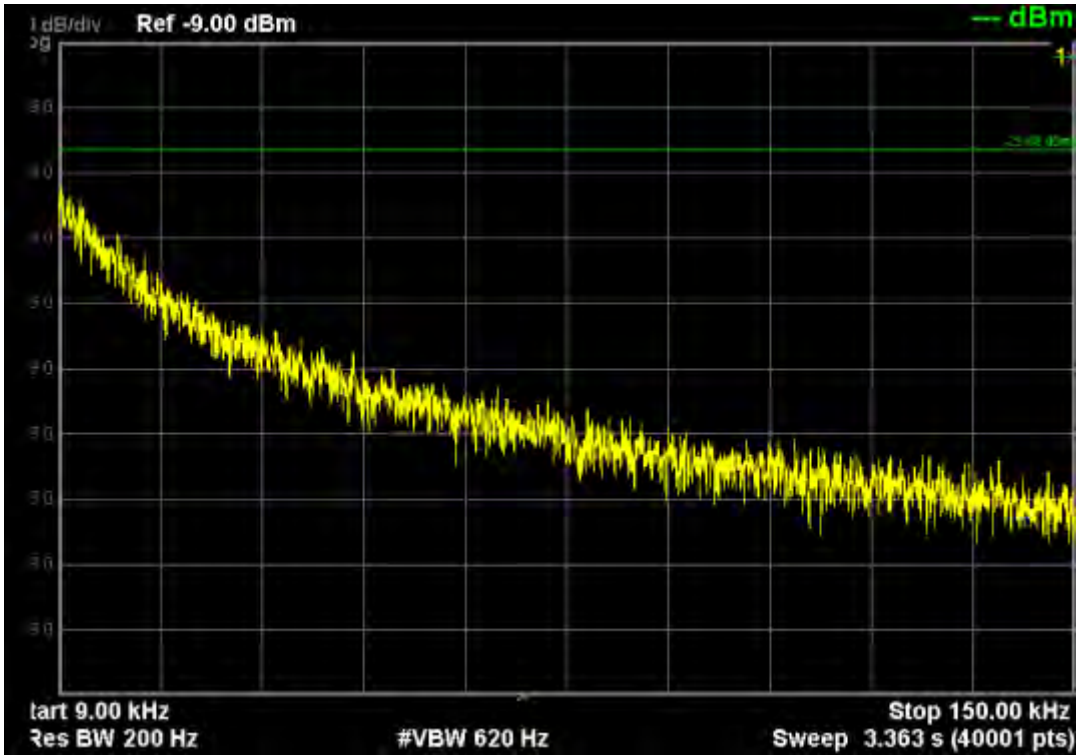


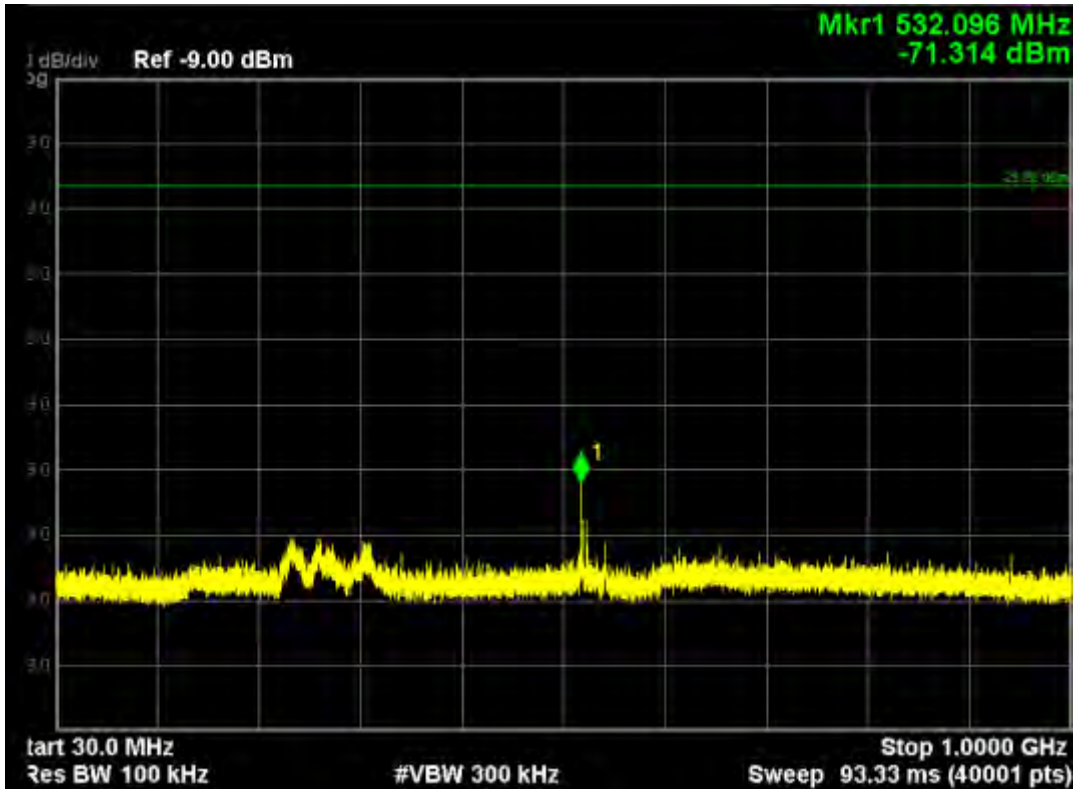
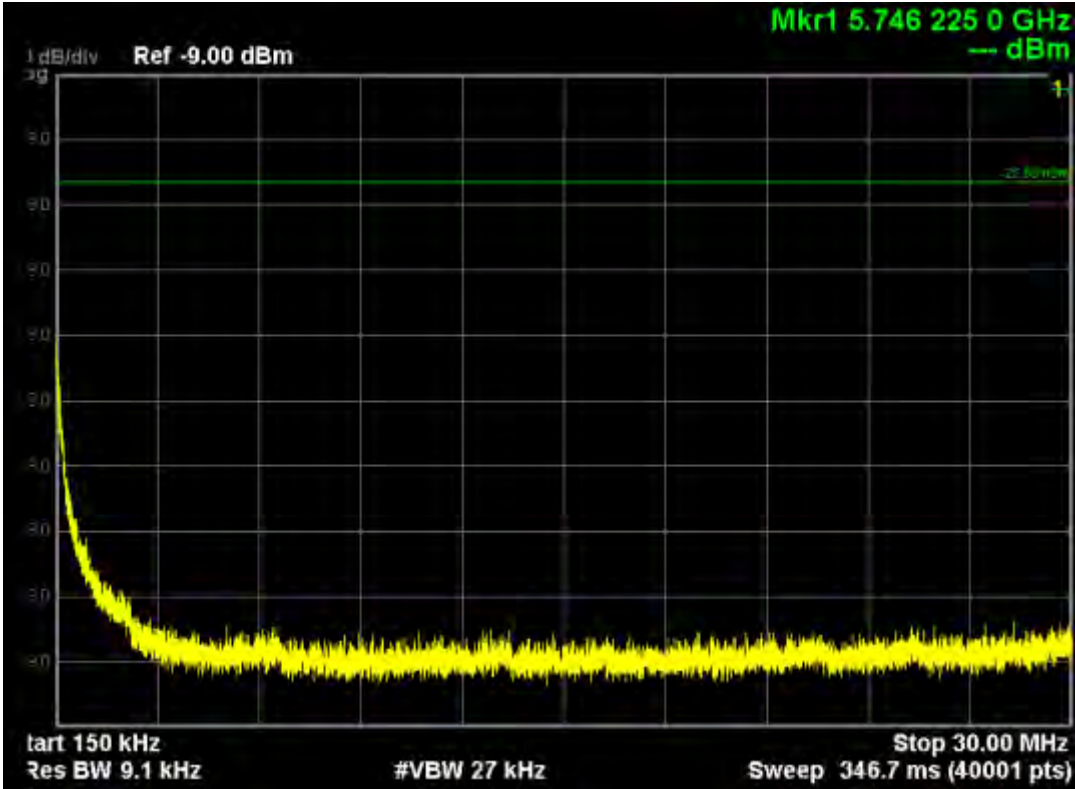


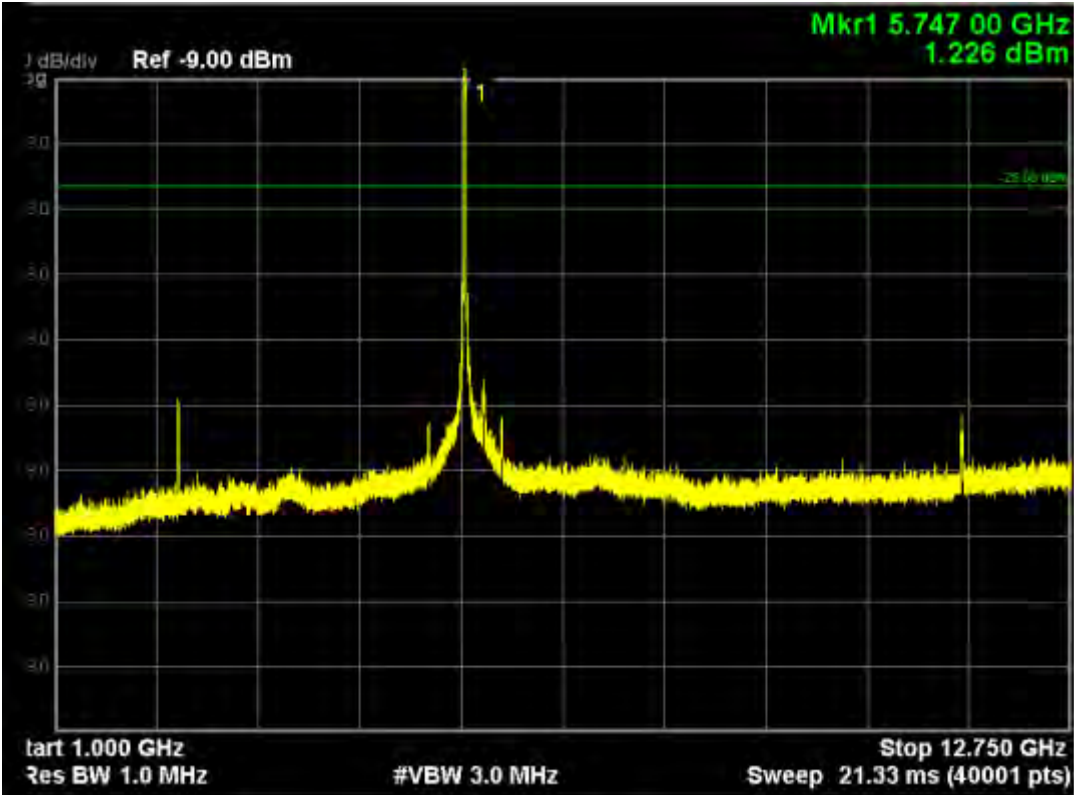
Note: The Mark1 point is carrier.



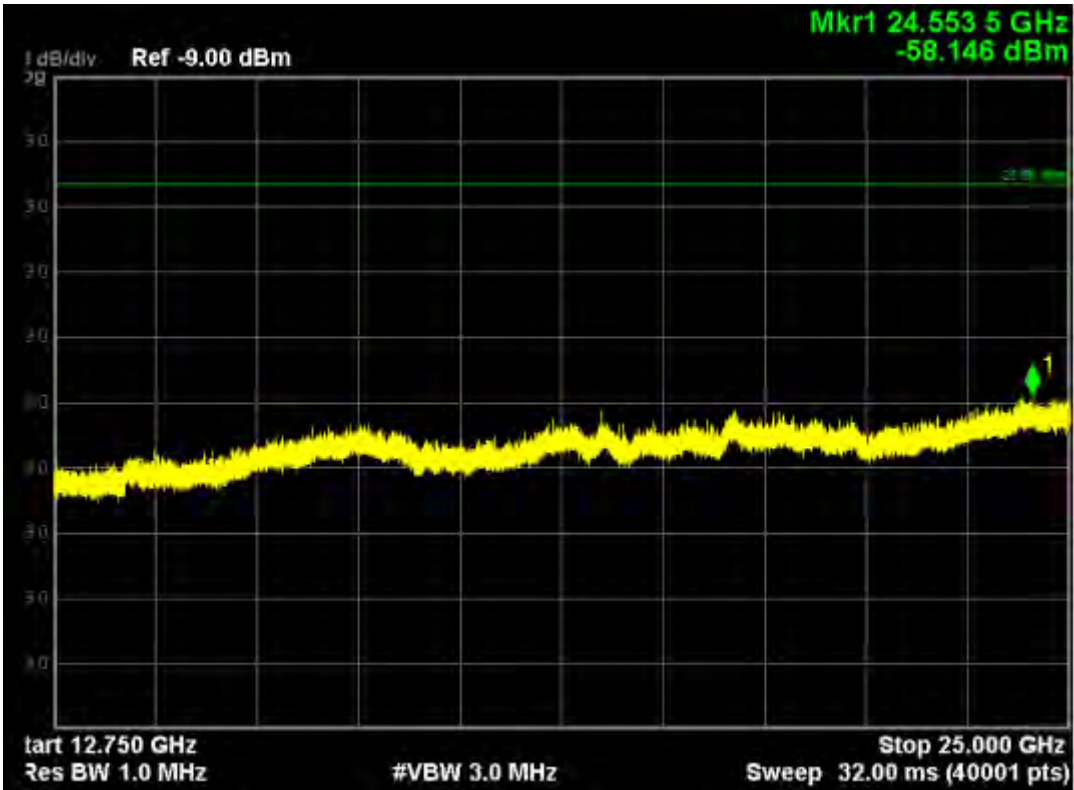
802.11ac (5725MHz-5850MHz)
802.11ac20, traffic mode; Channel 149



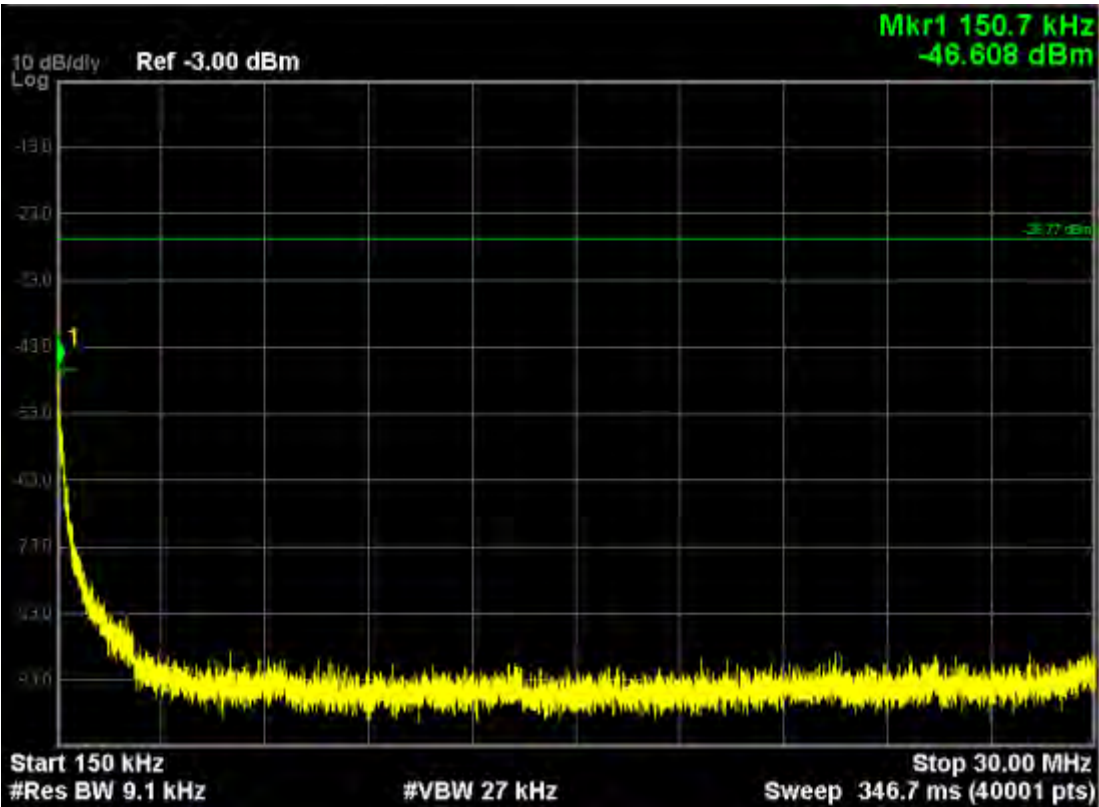
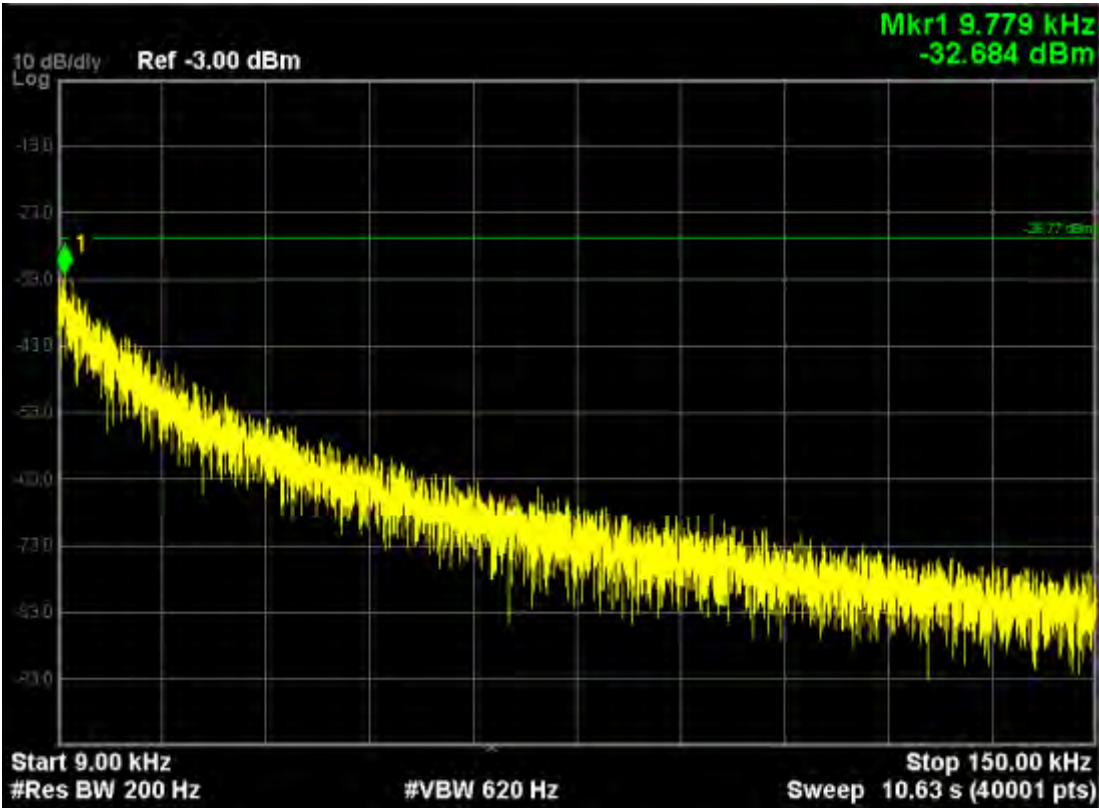


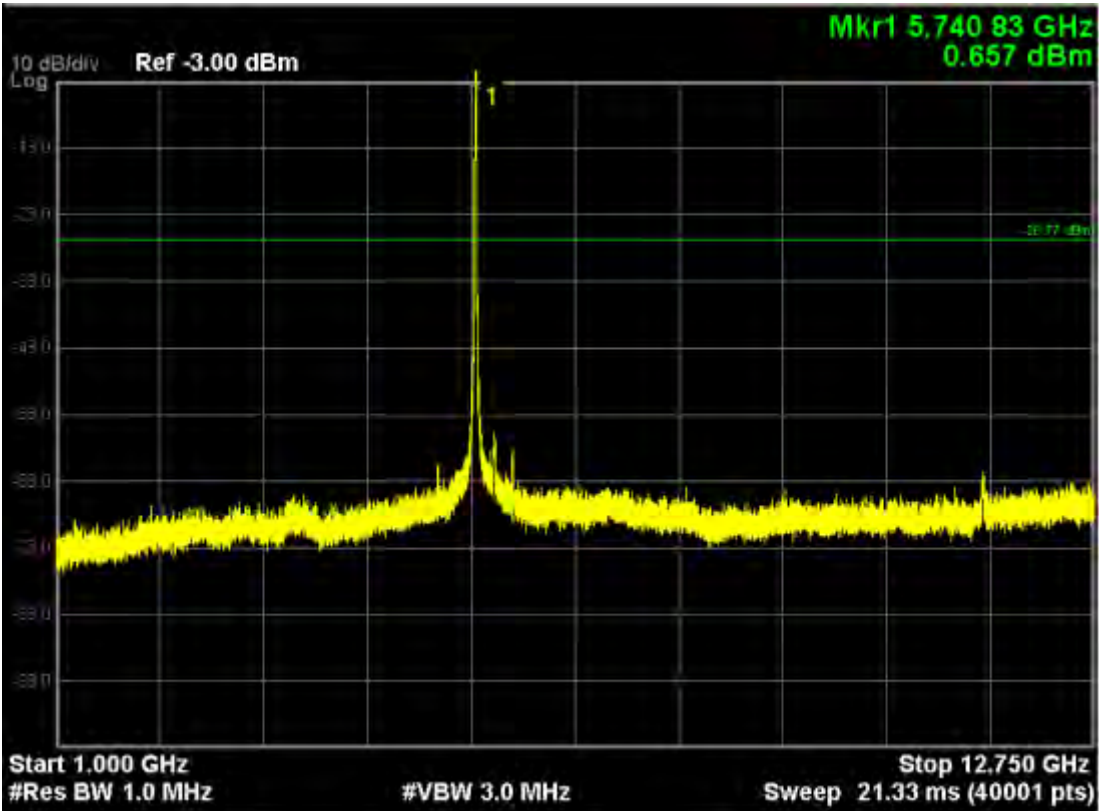
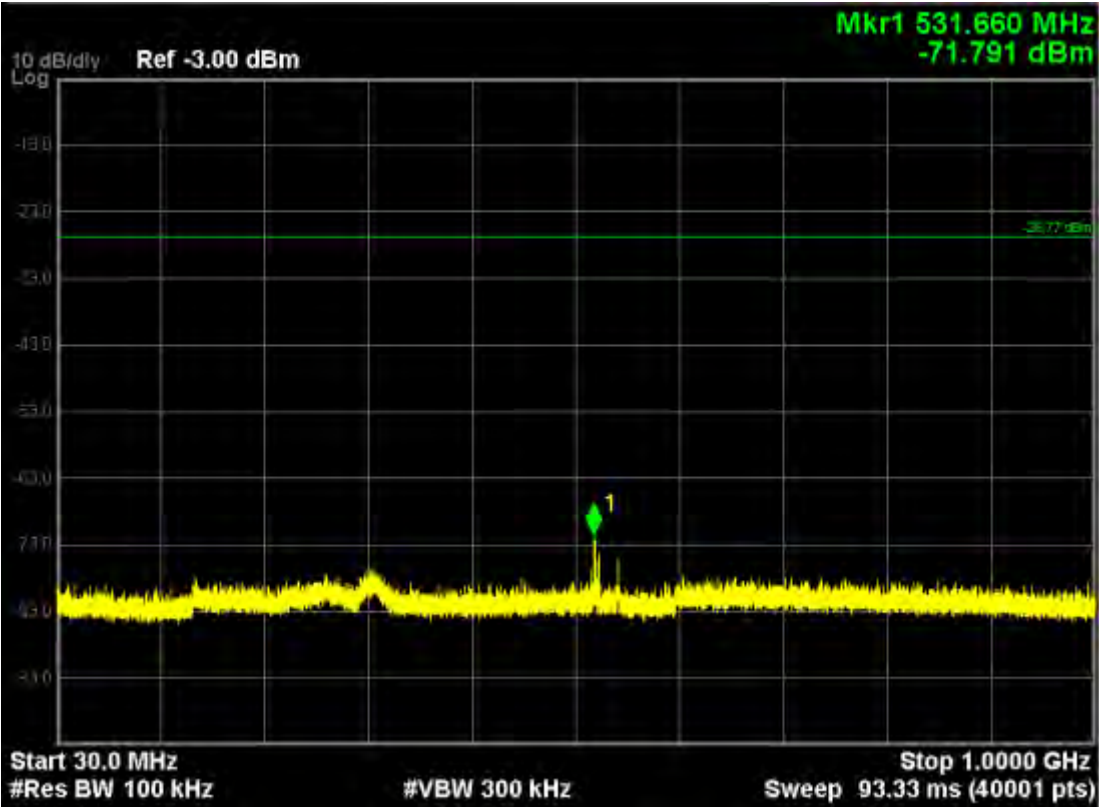


Note: The Mark1 point is carrier.

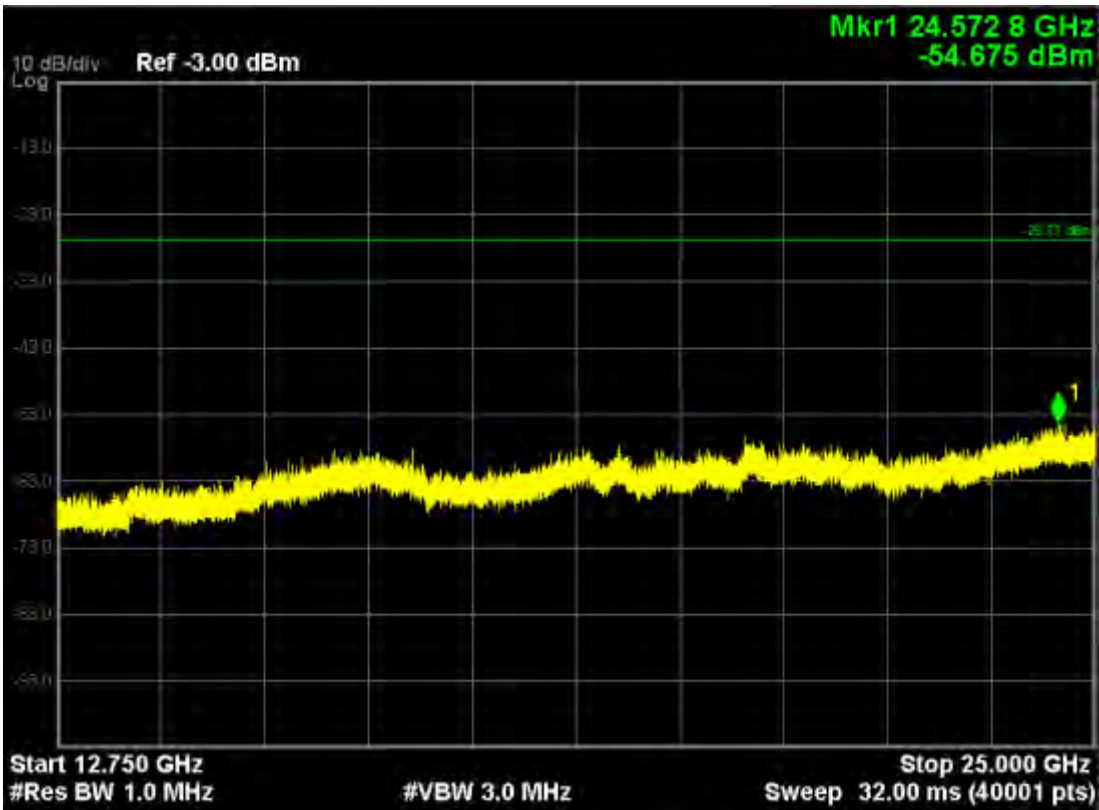


802.11ac20, traffic mode; Channel 149(mimo)

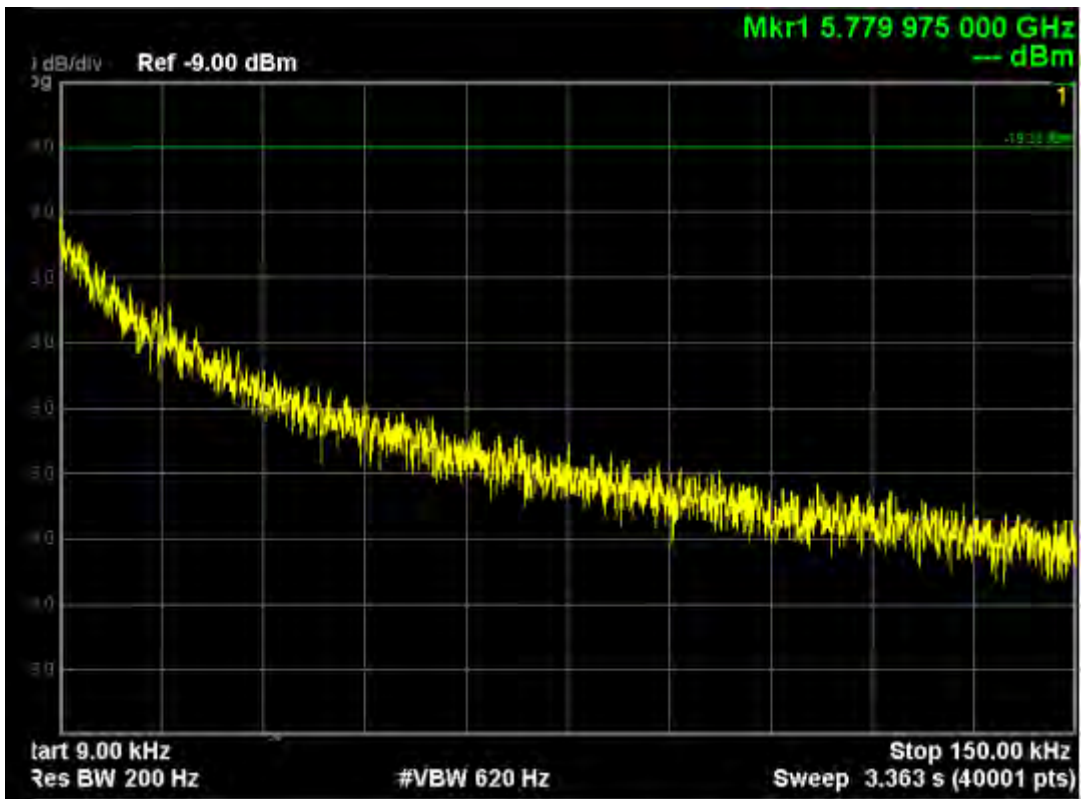


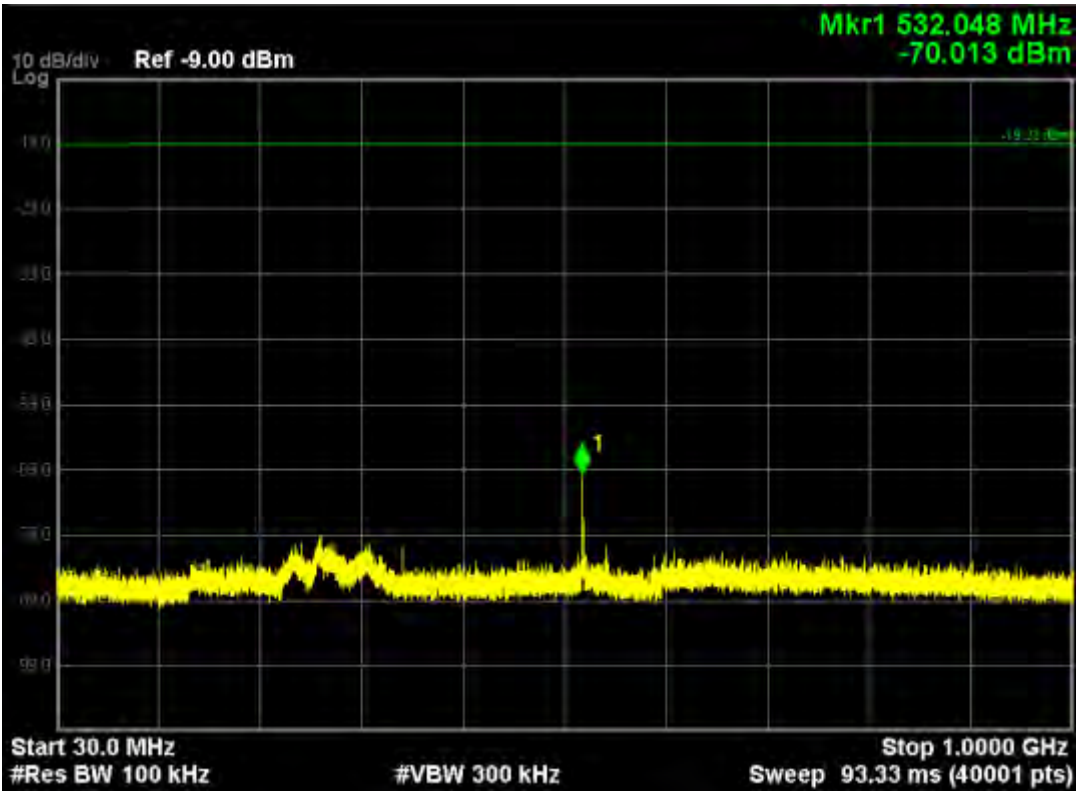
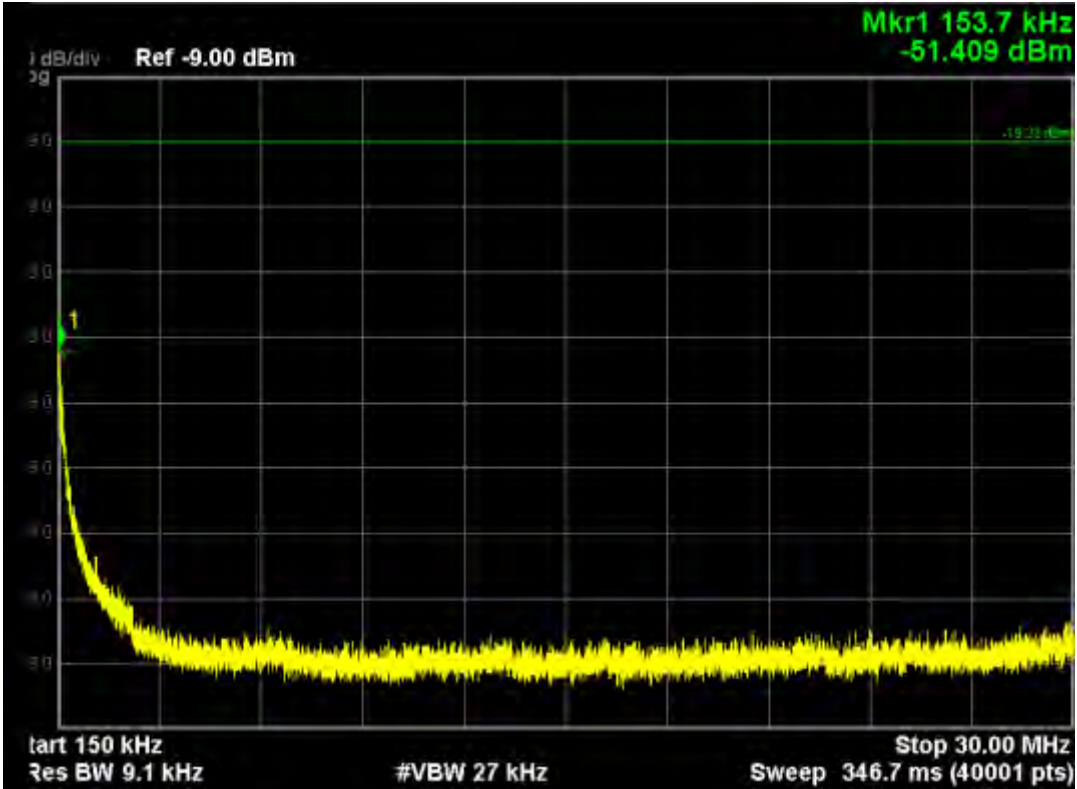


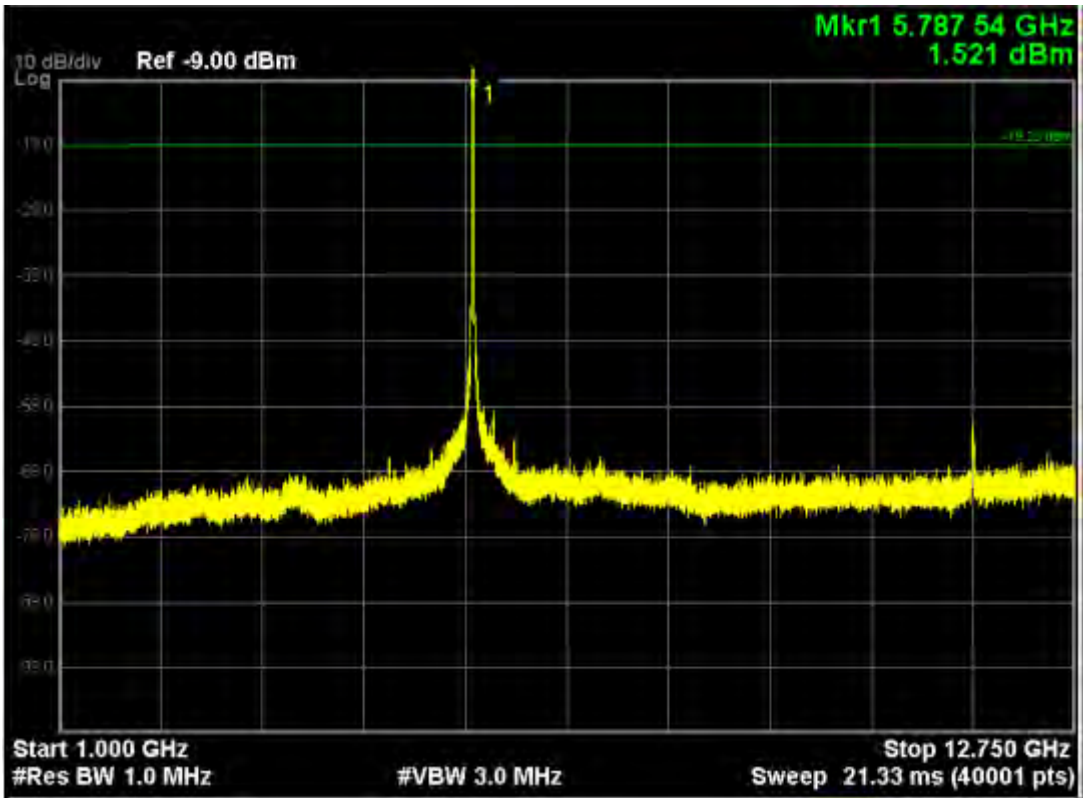
Note: The Mark1 point is carrier.



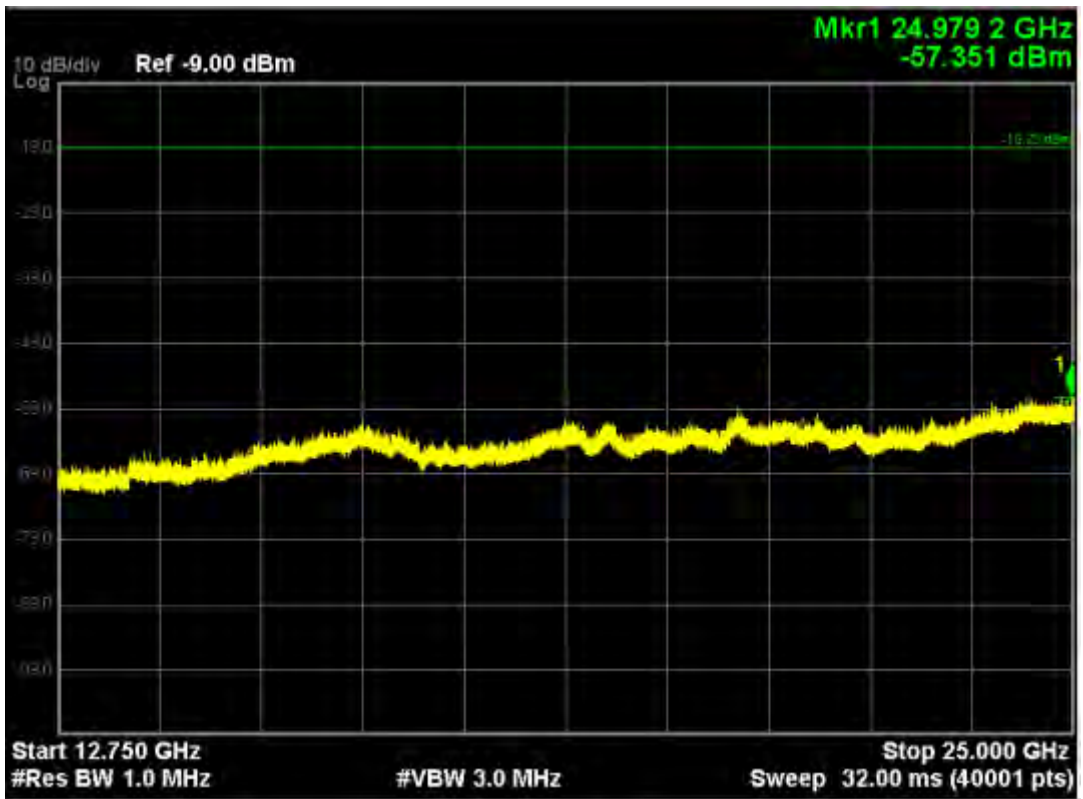
802.11ac20, traffic mode; Channel 157



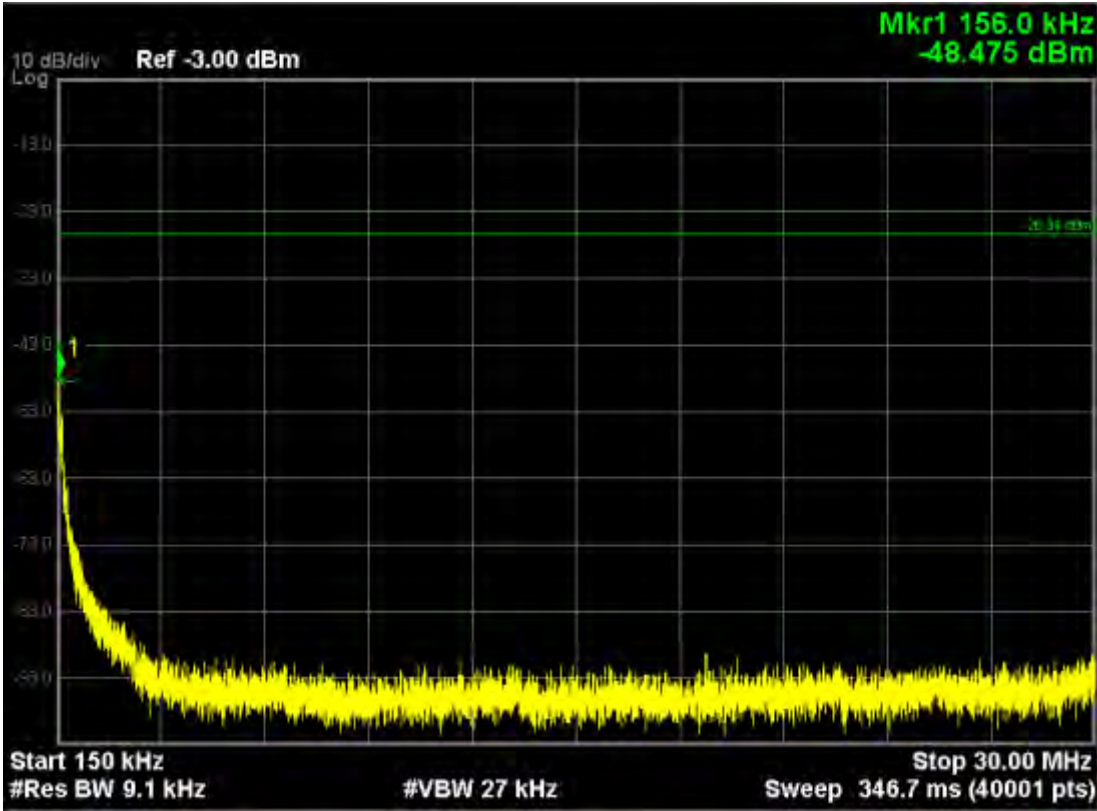
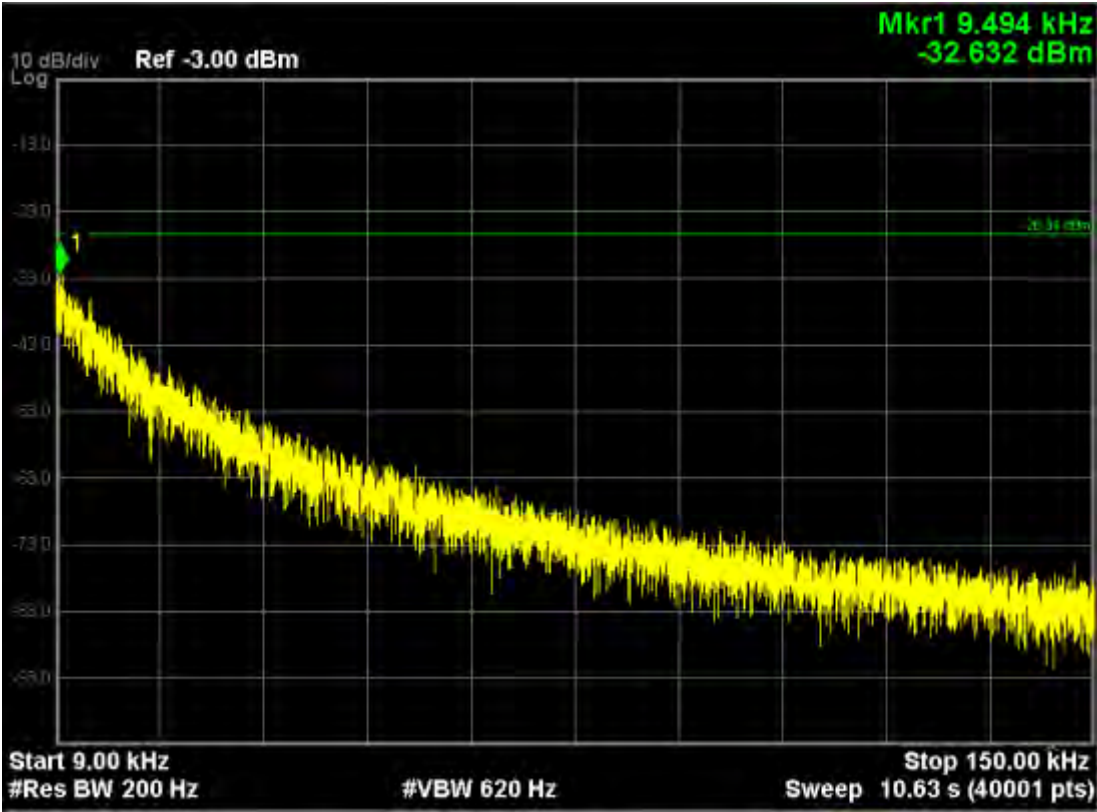


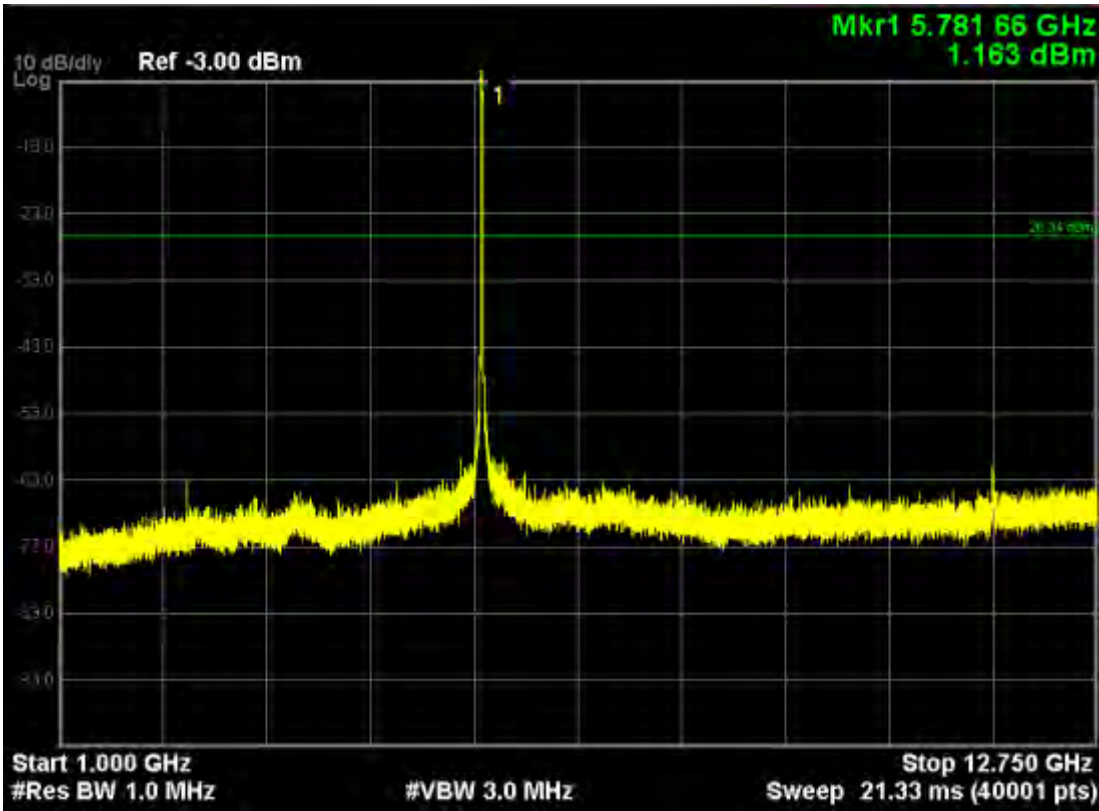
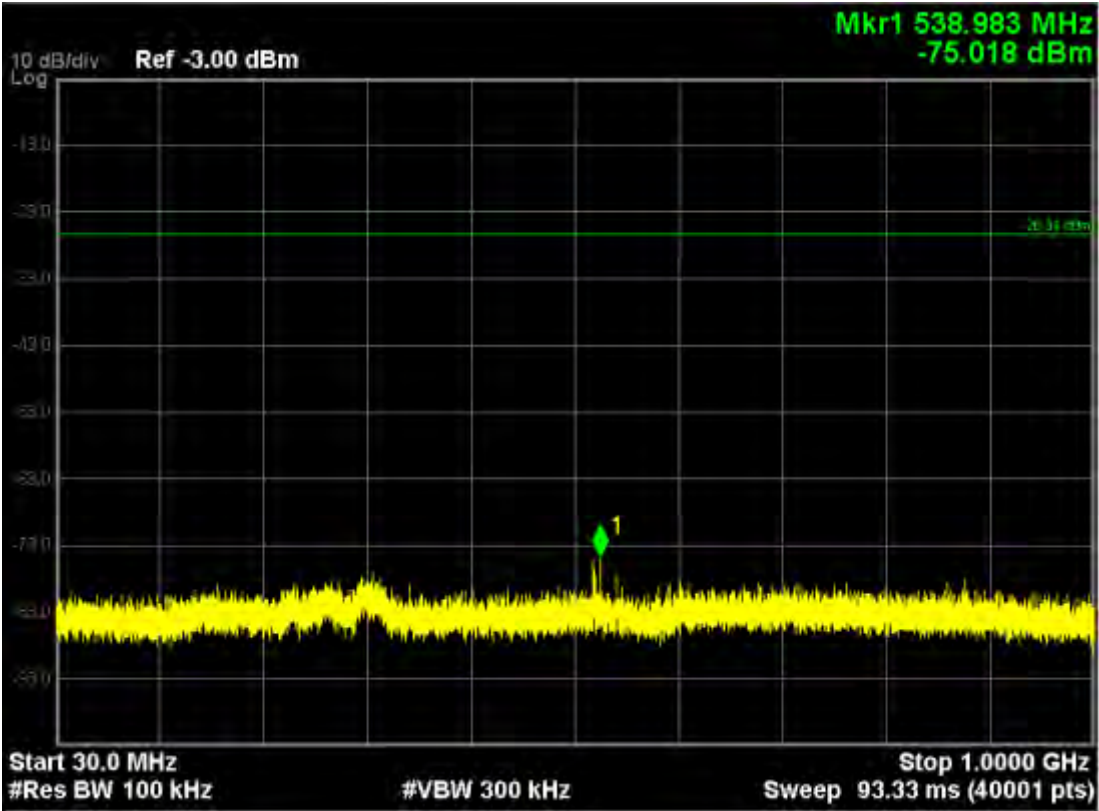


Note: The Mark1 point is carrier.

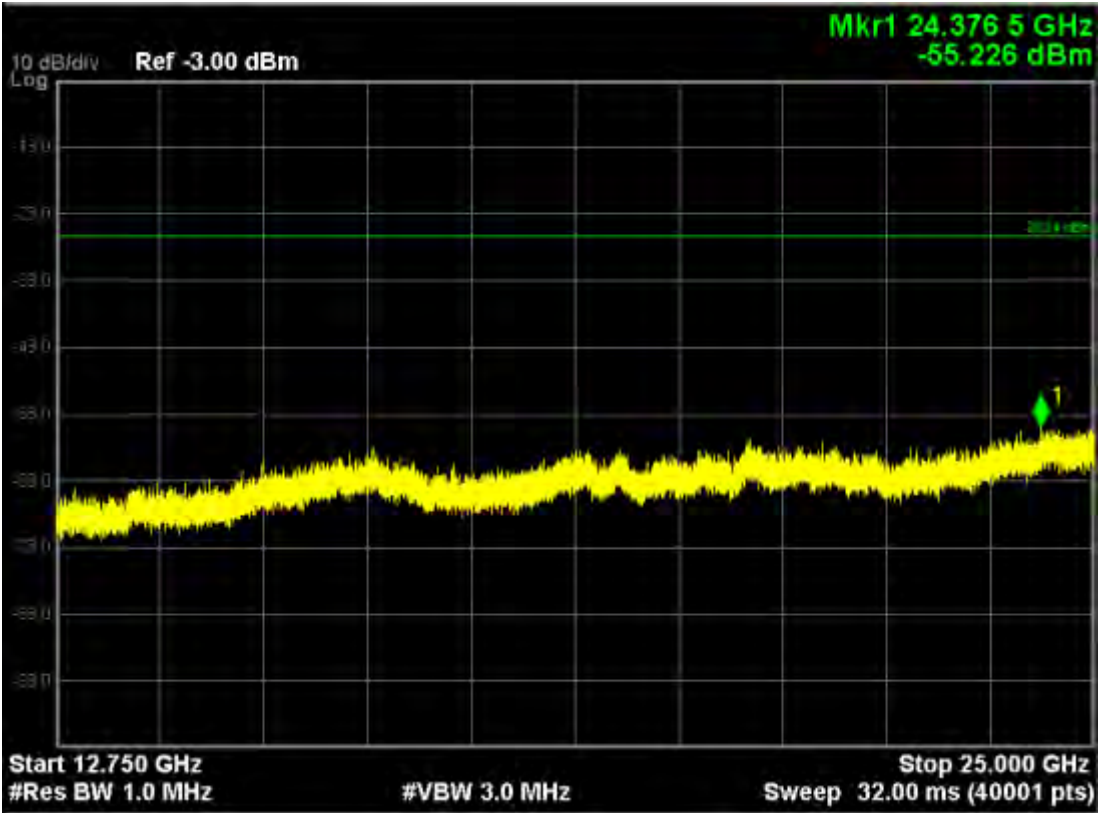


802.11ac20, traffic mode; Channel 157(mimo)

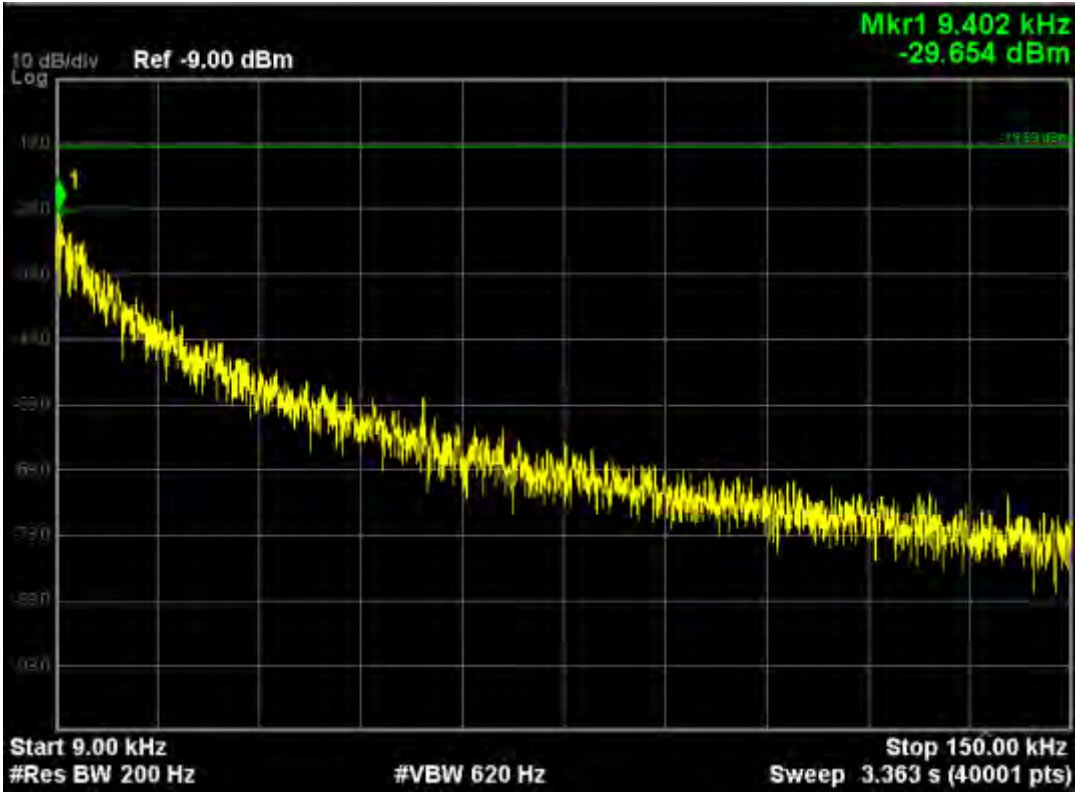


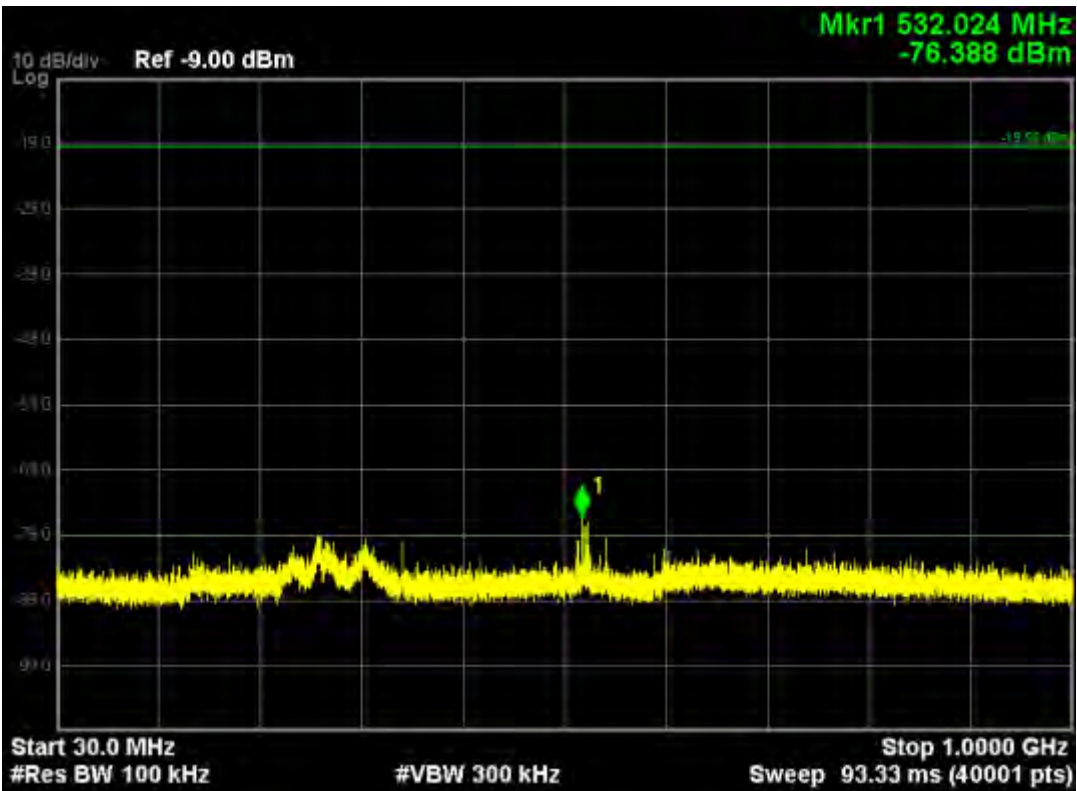
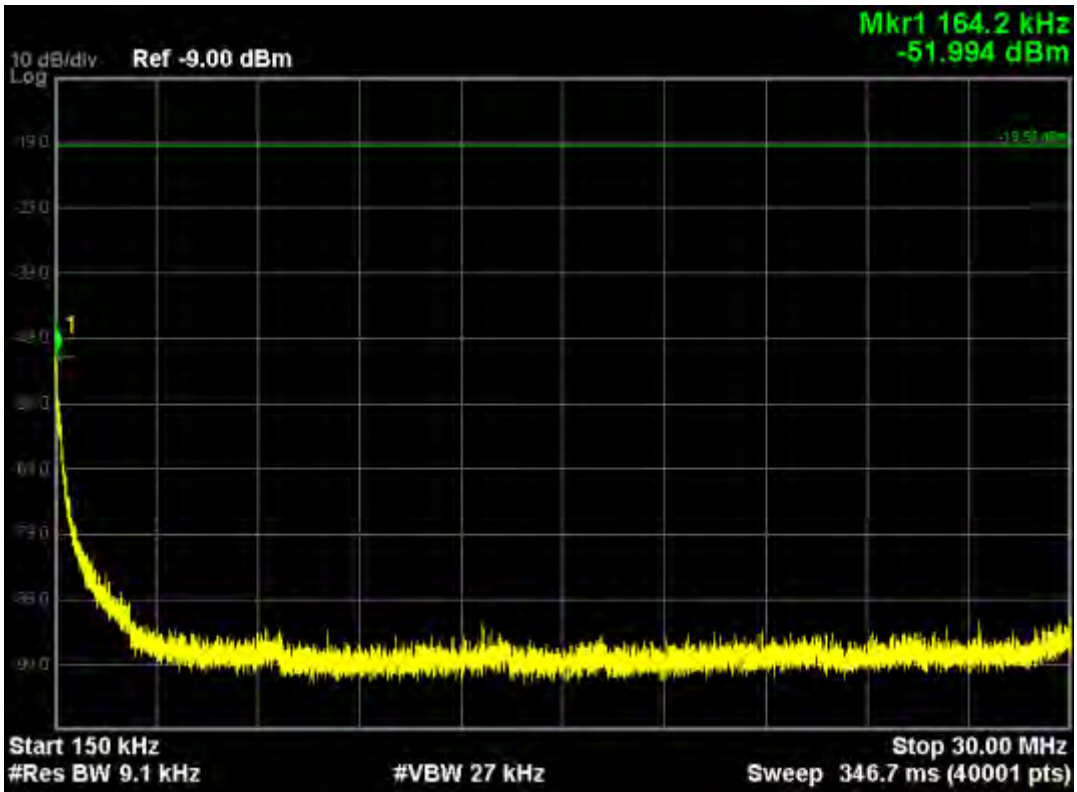


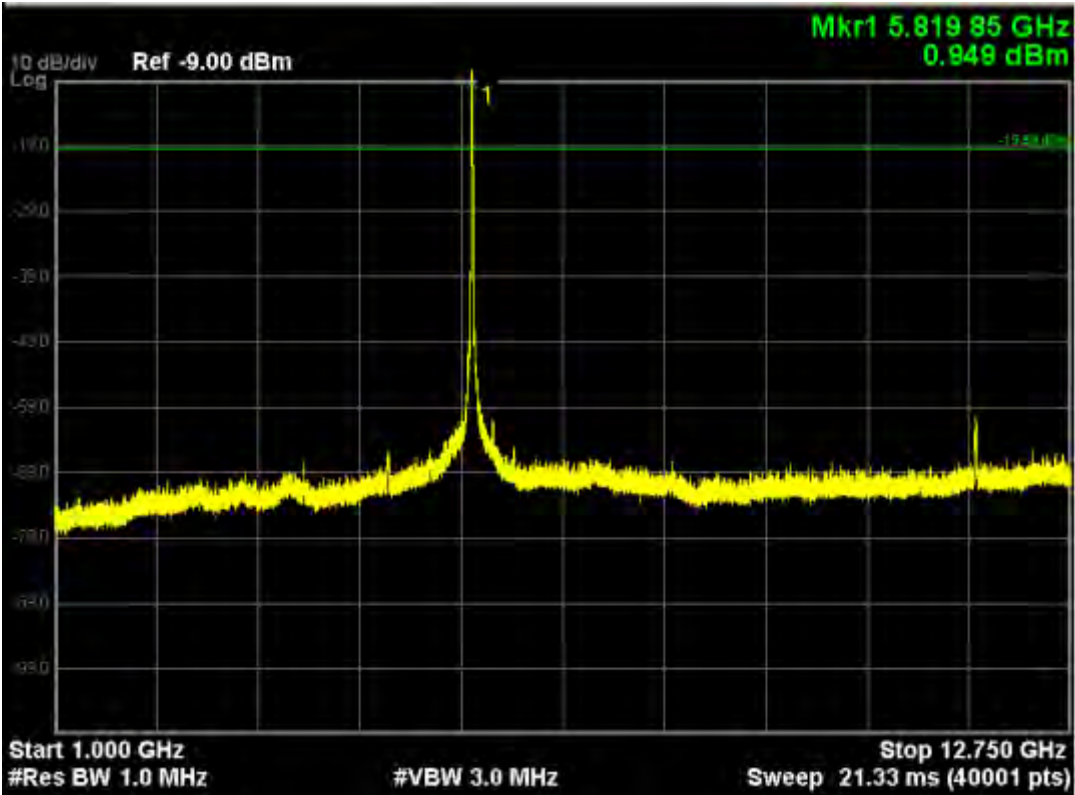
Note: The Mark1 point is carrier.



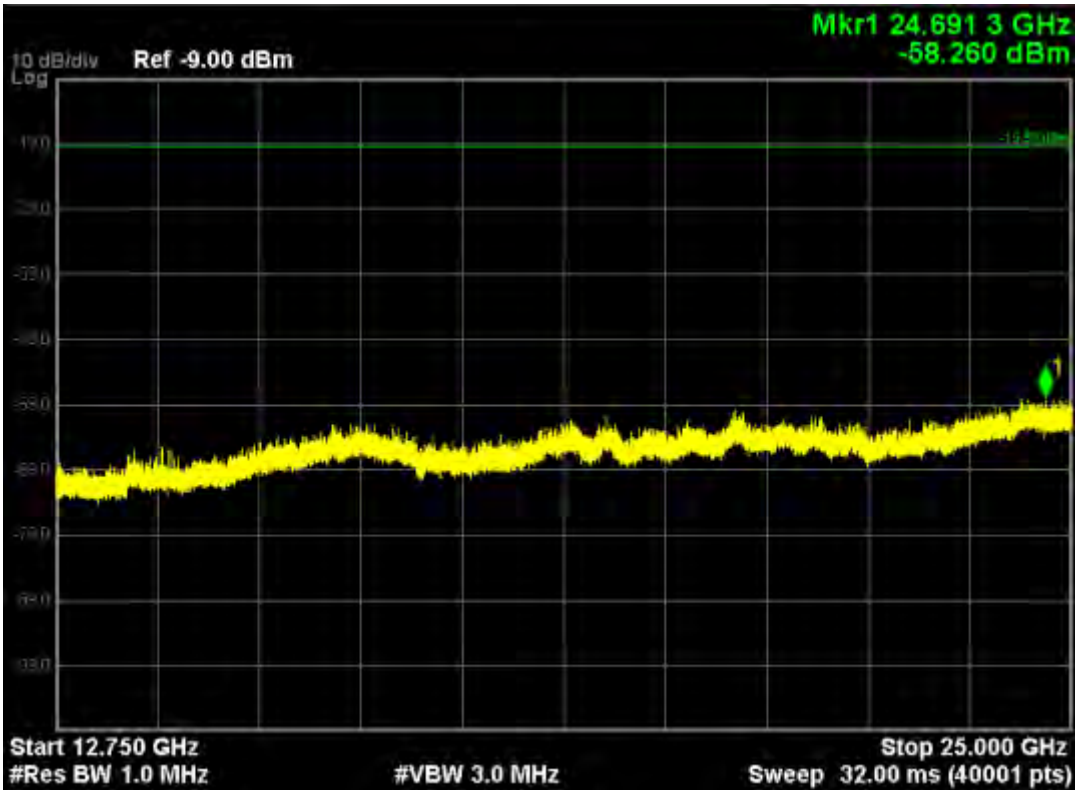
802.11ac20, traffic mode; Channel 165



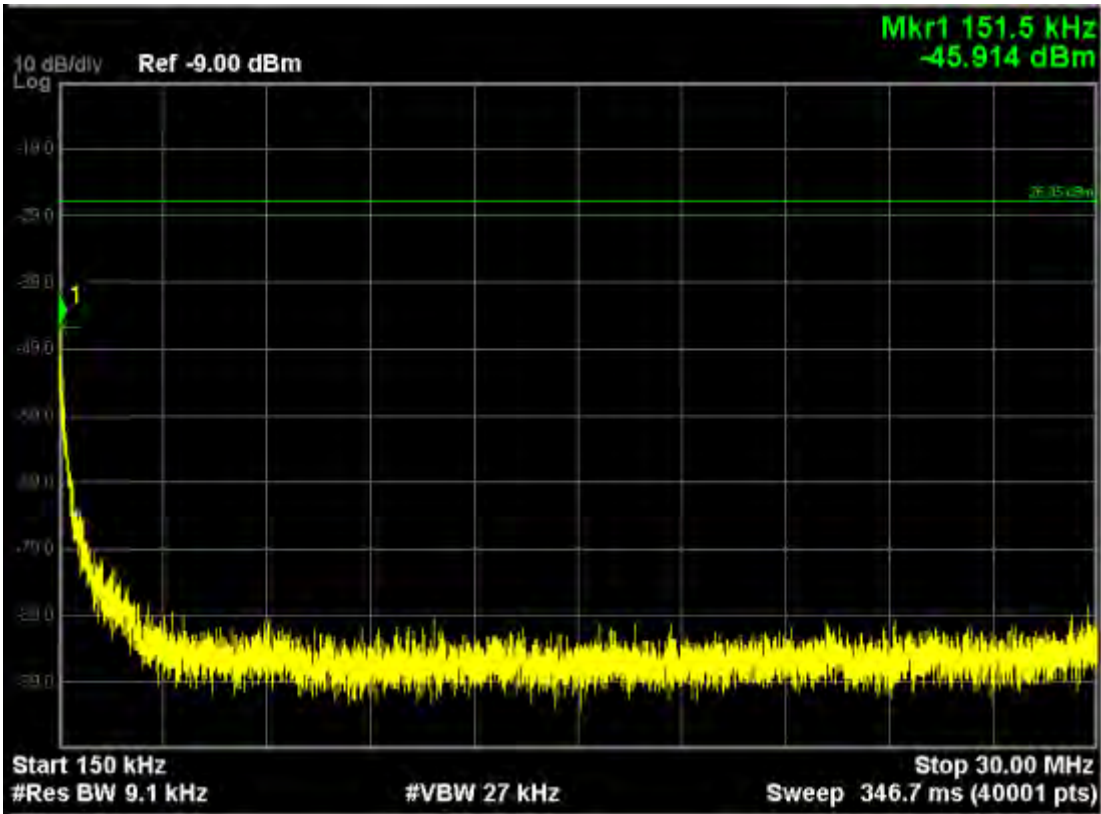
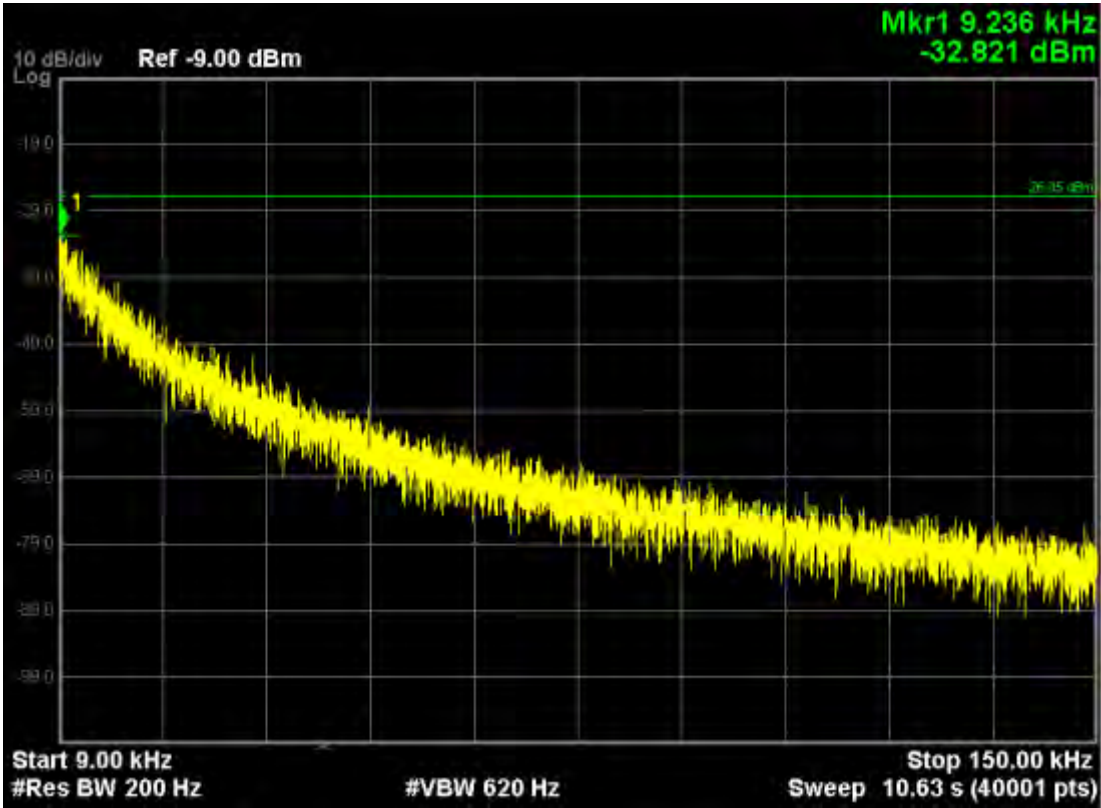


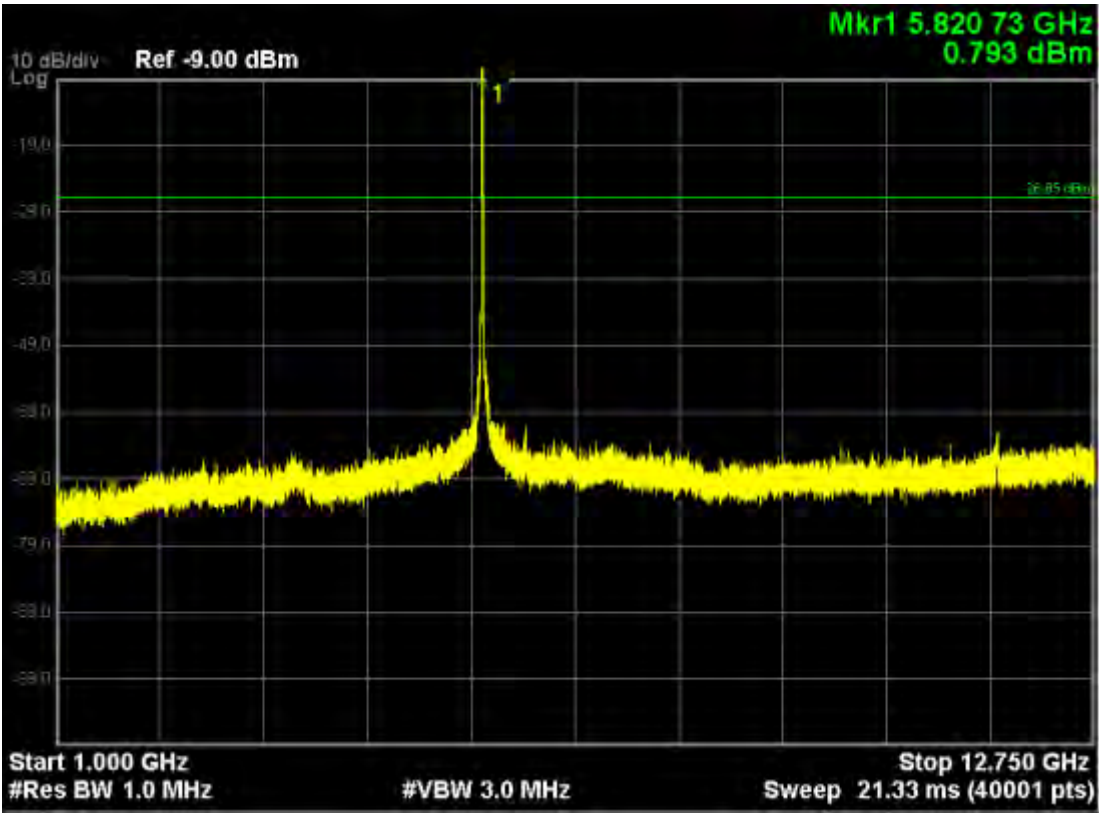
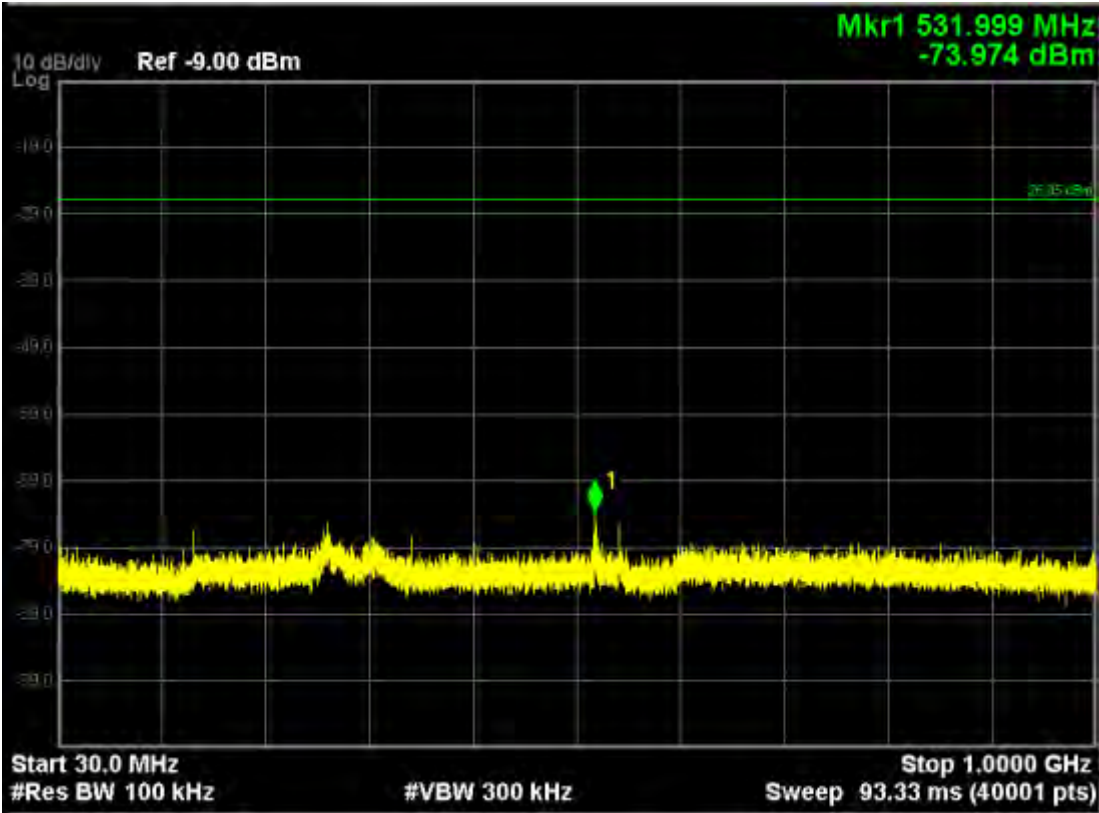


Note: The Mark1 point is carrier.

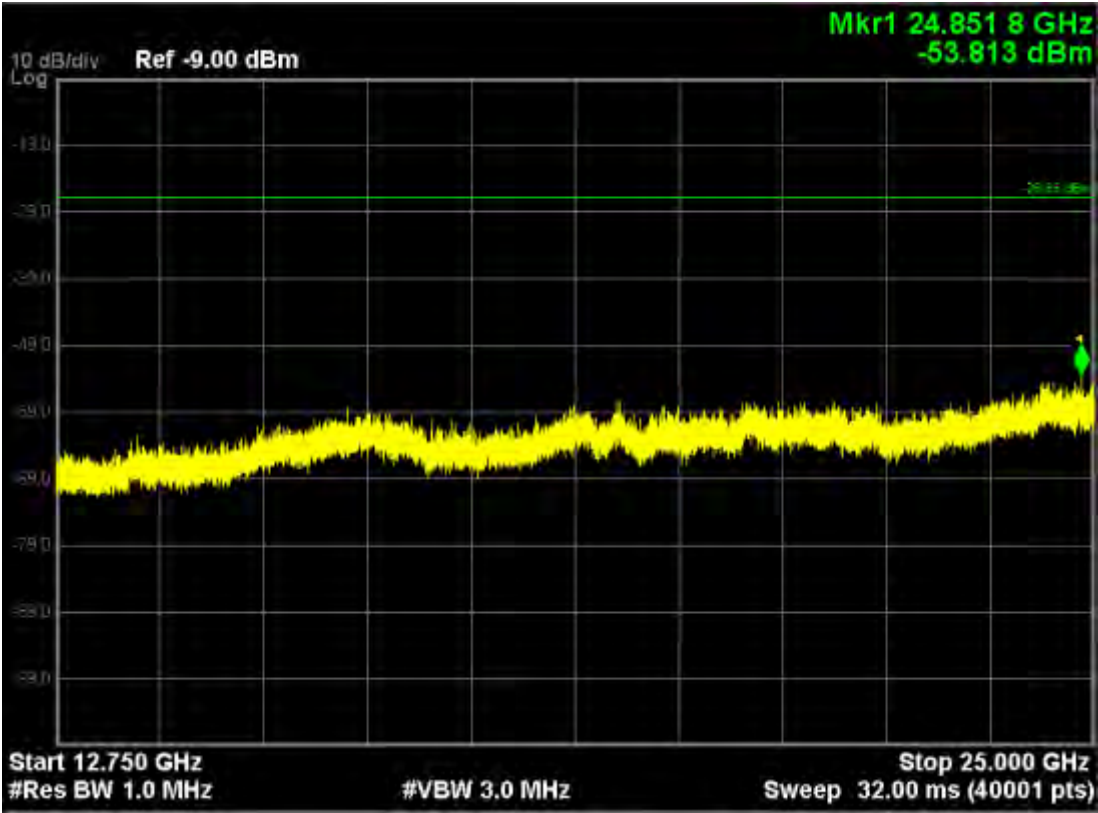


802.11ac20, traffic mode; Channel 165(mimo)

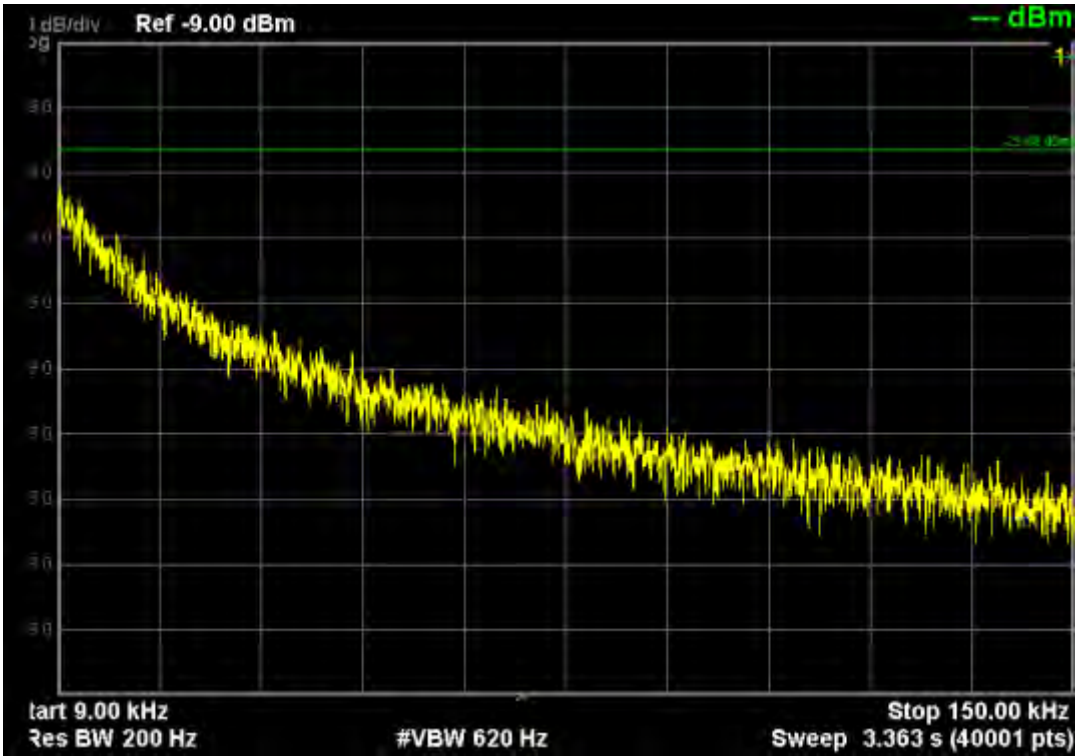


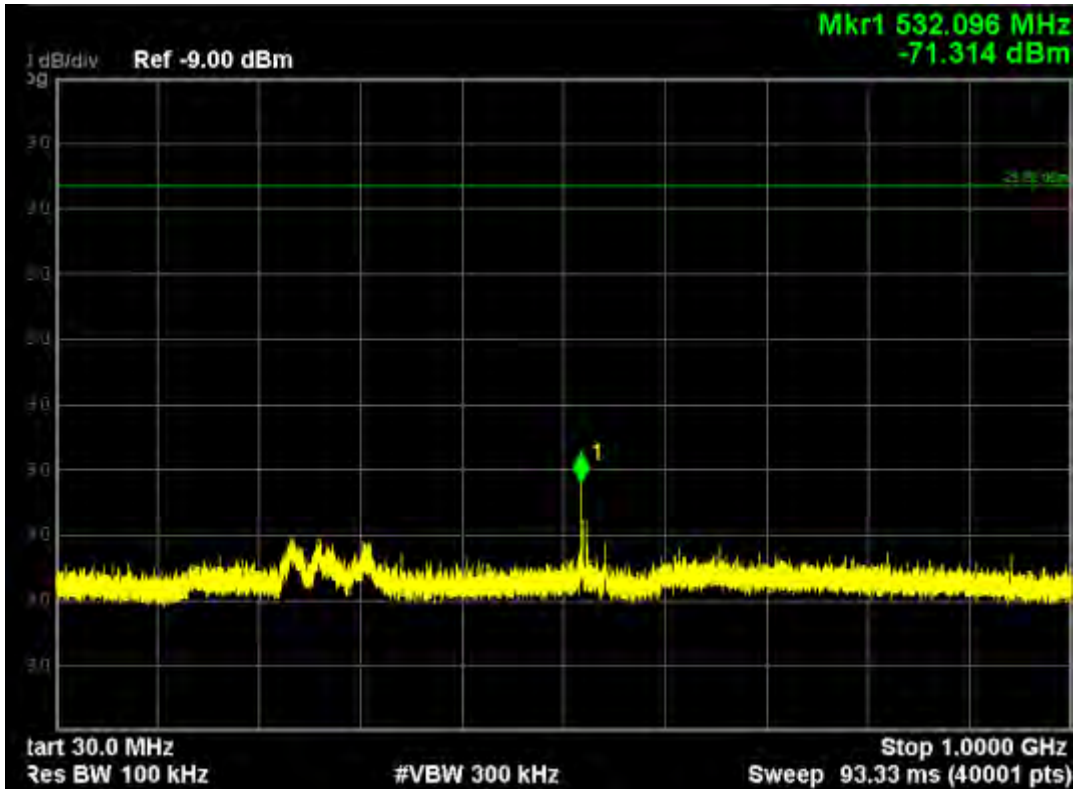
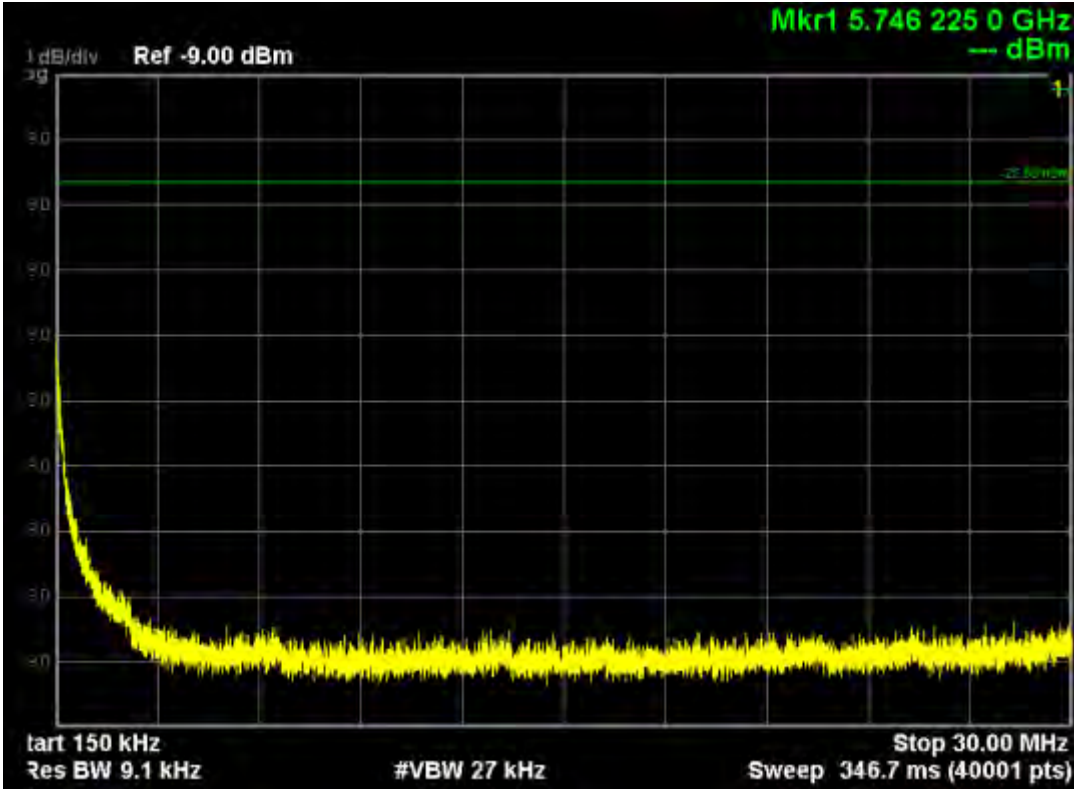


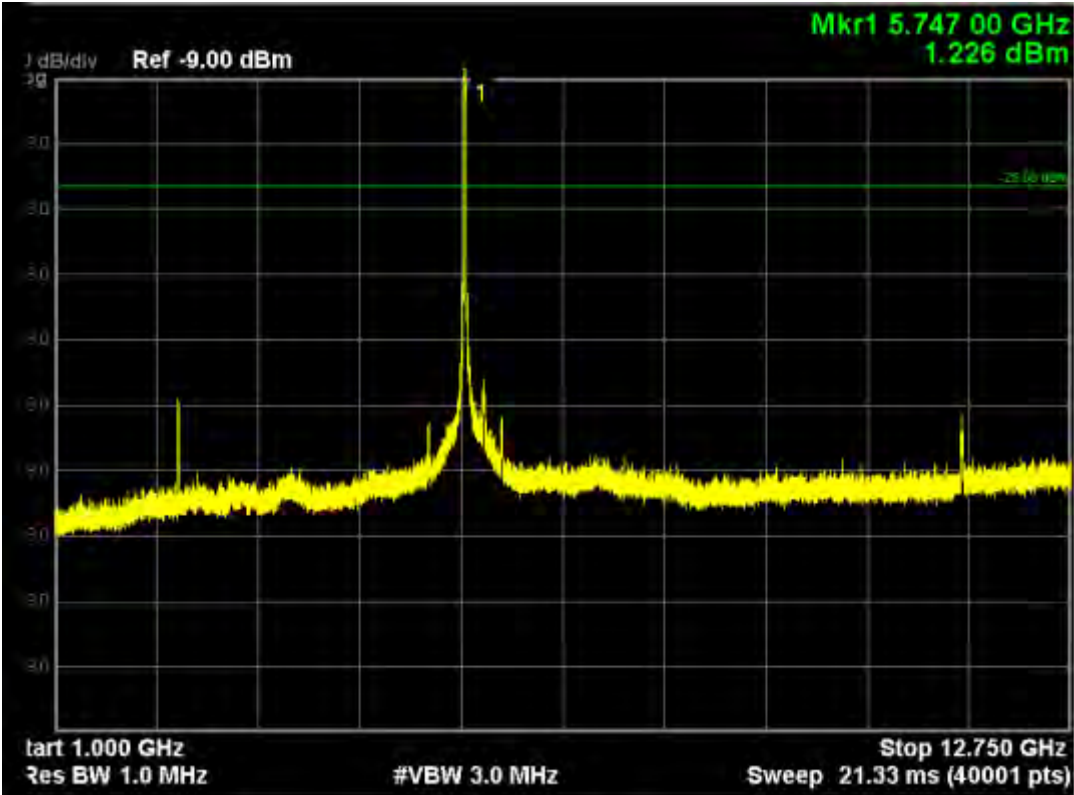
Note: The Mark1 point is carrier.



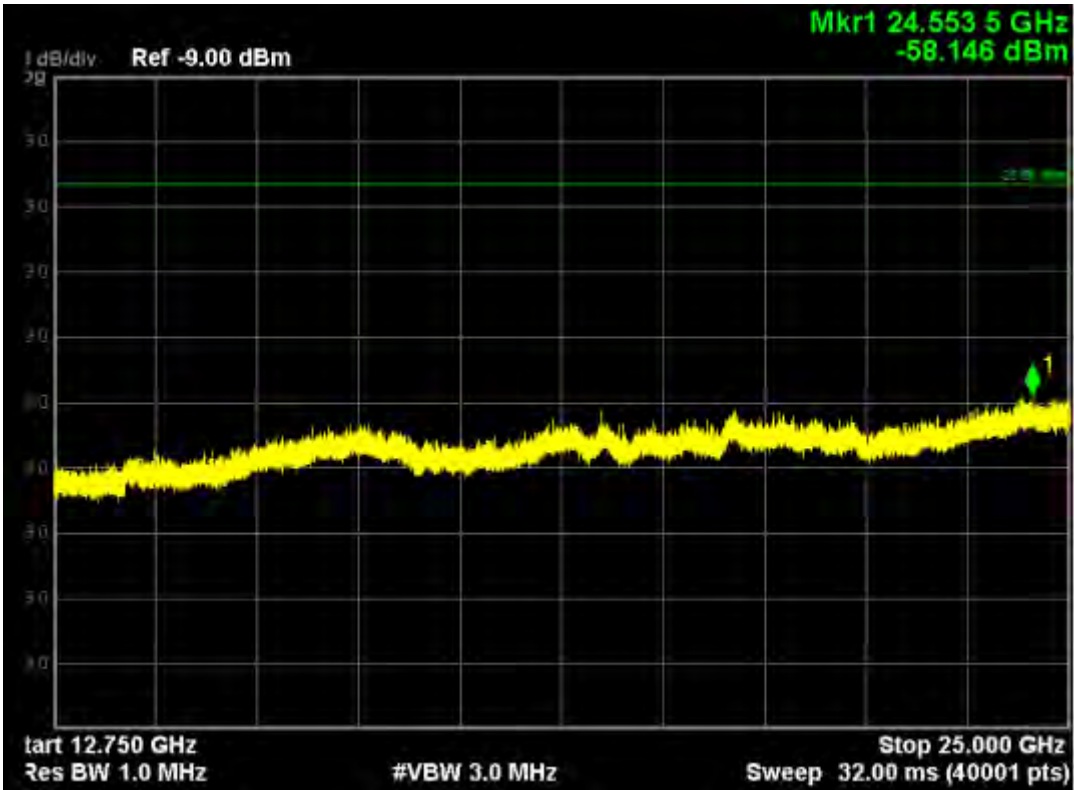
802.11ac40, traffic mode; Channel 151



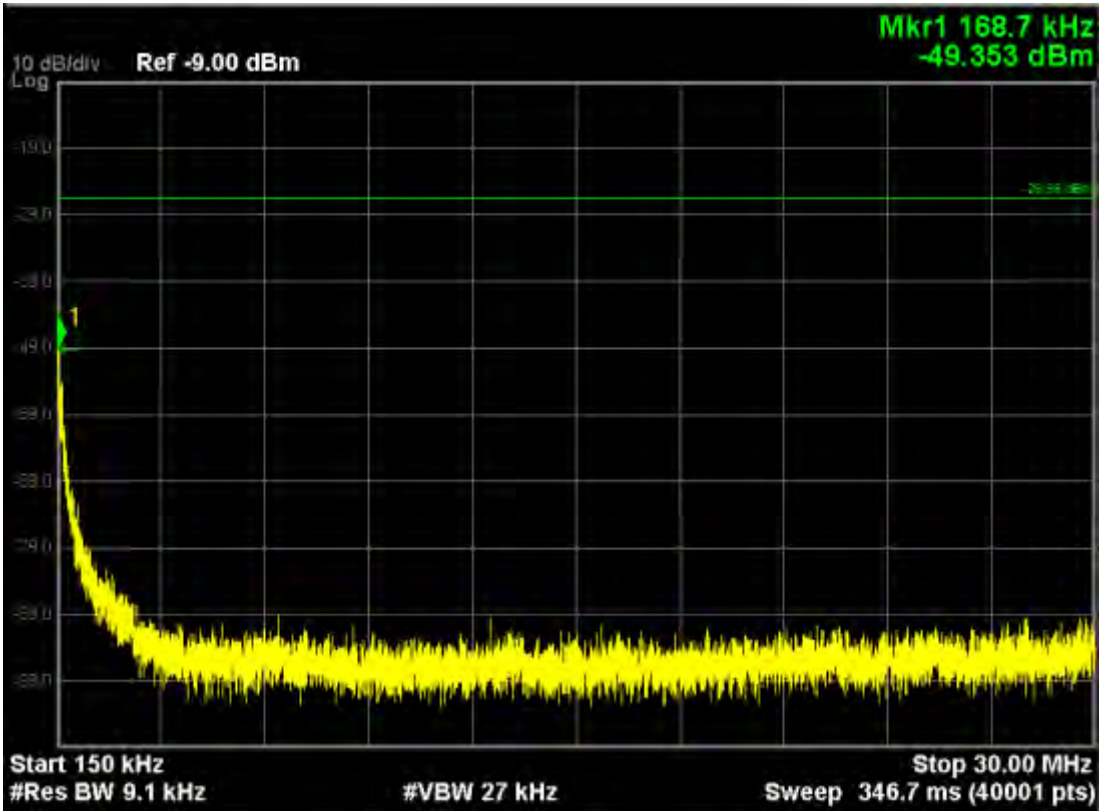
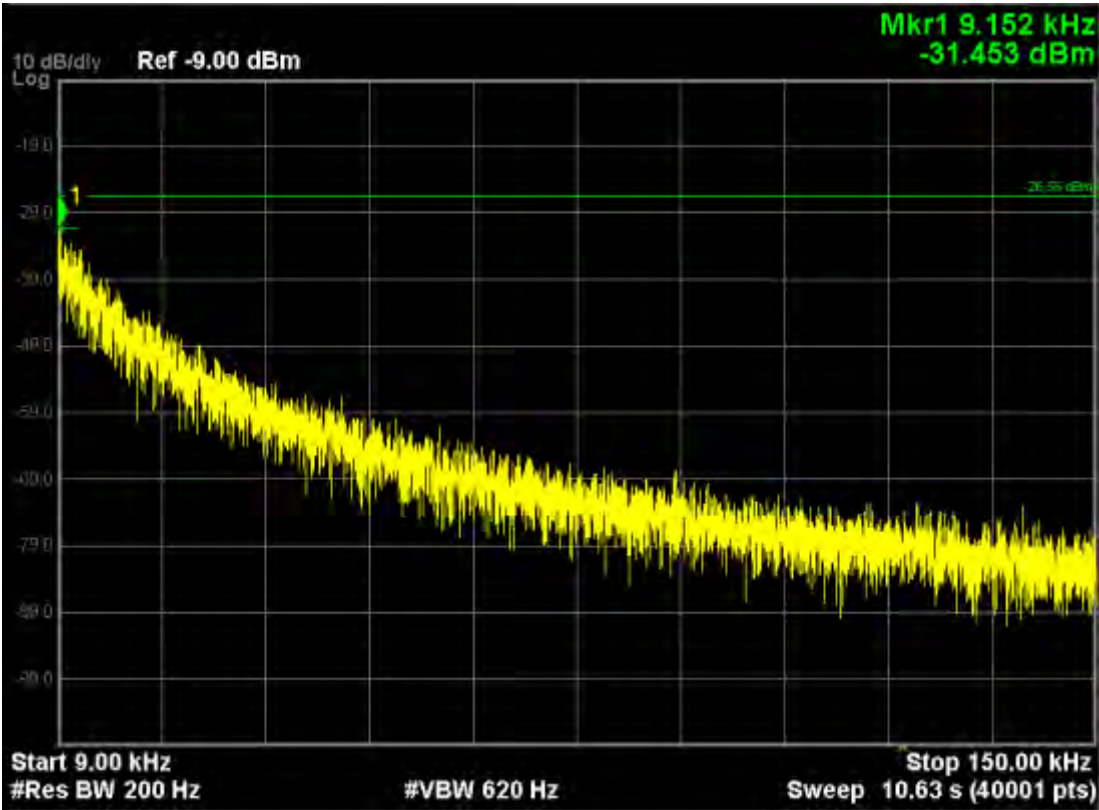


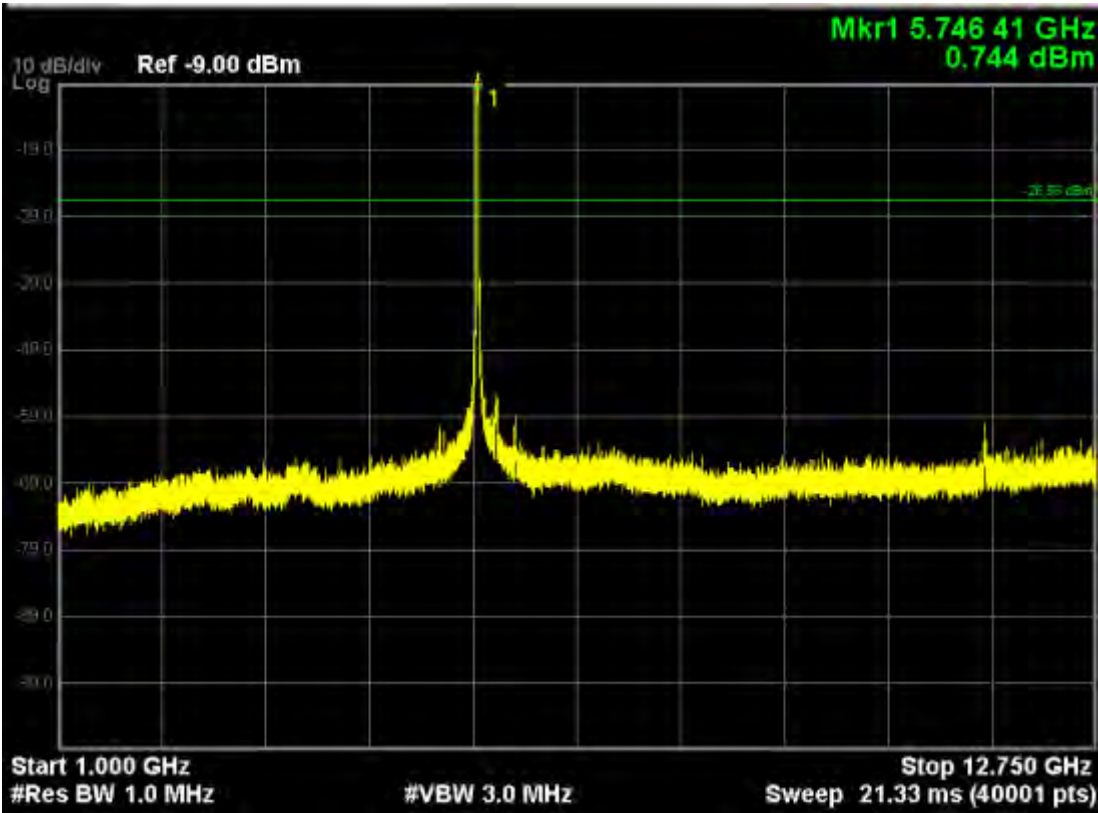
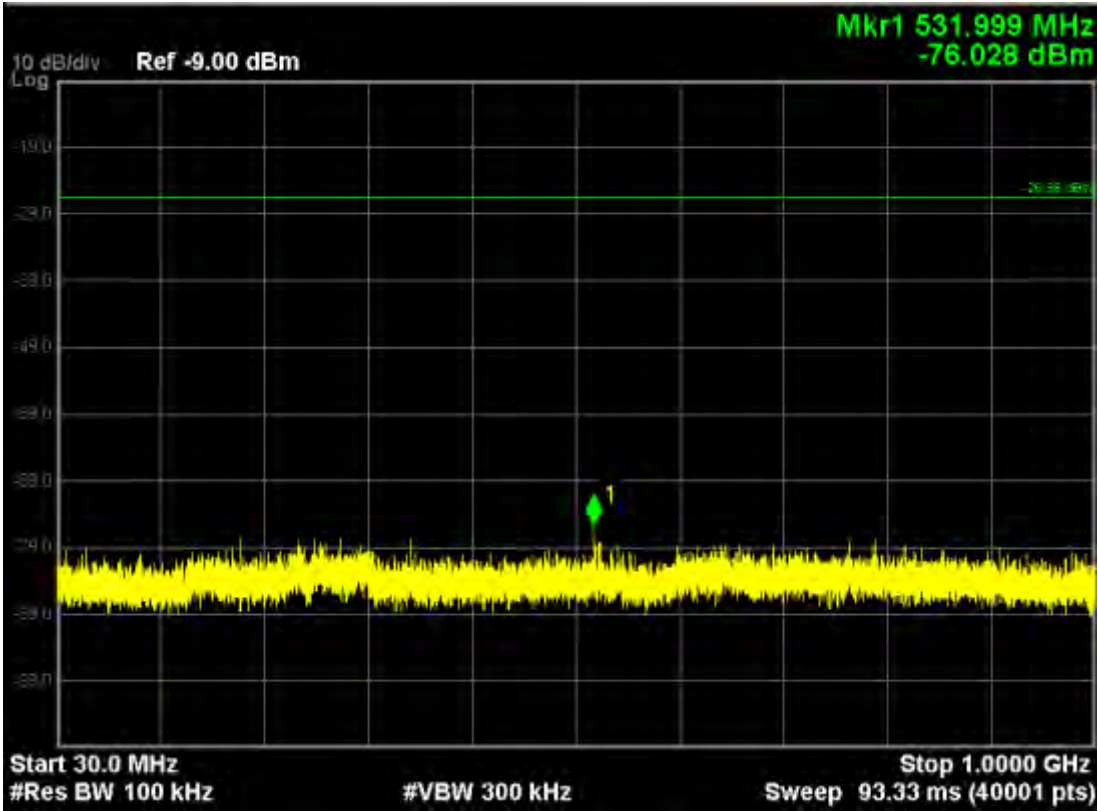


Note: The Mark1 point is carrier.

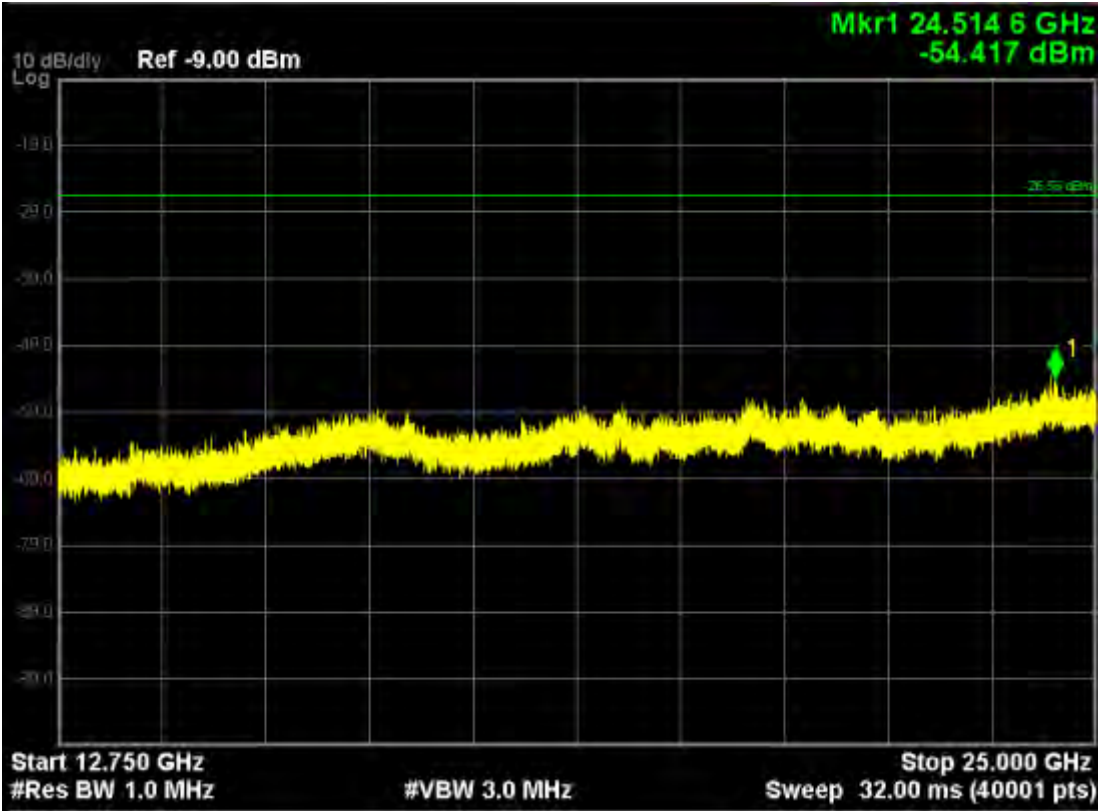


802.11ac40, traffic mode; Channel 151(mimo)

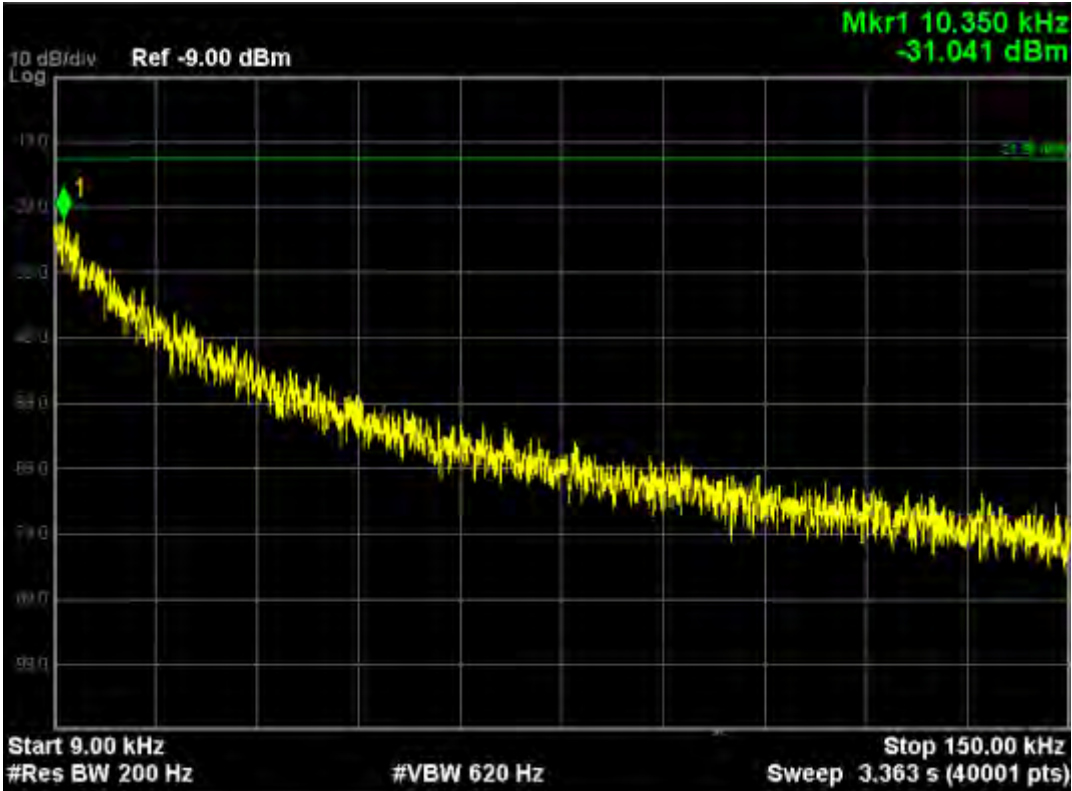


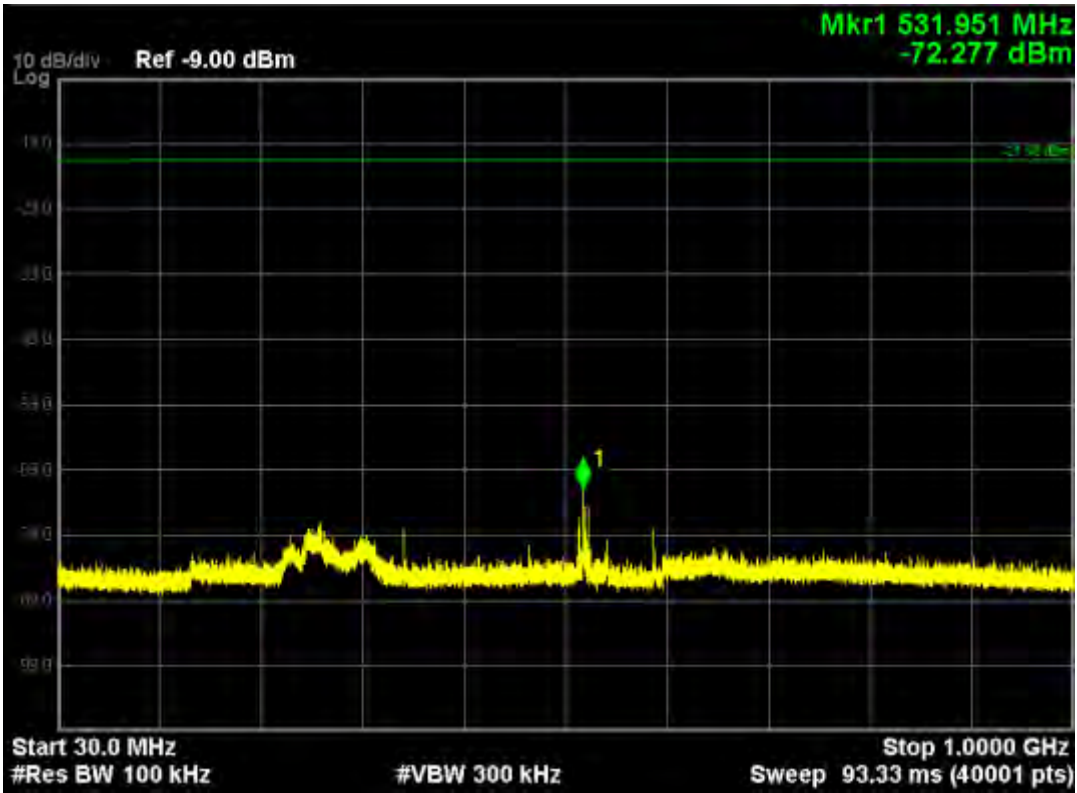
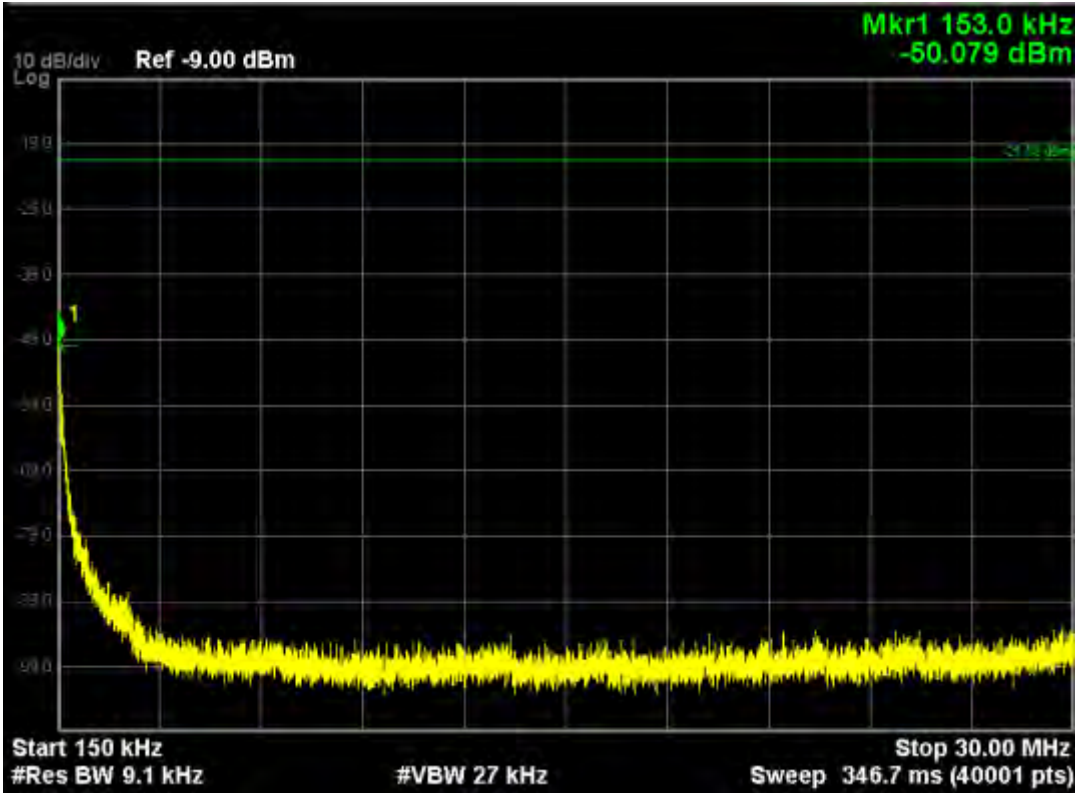


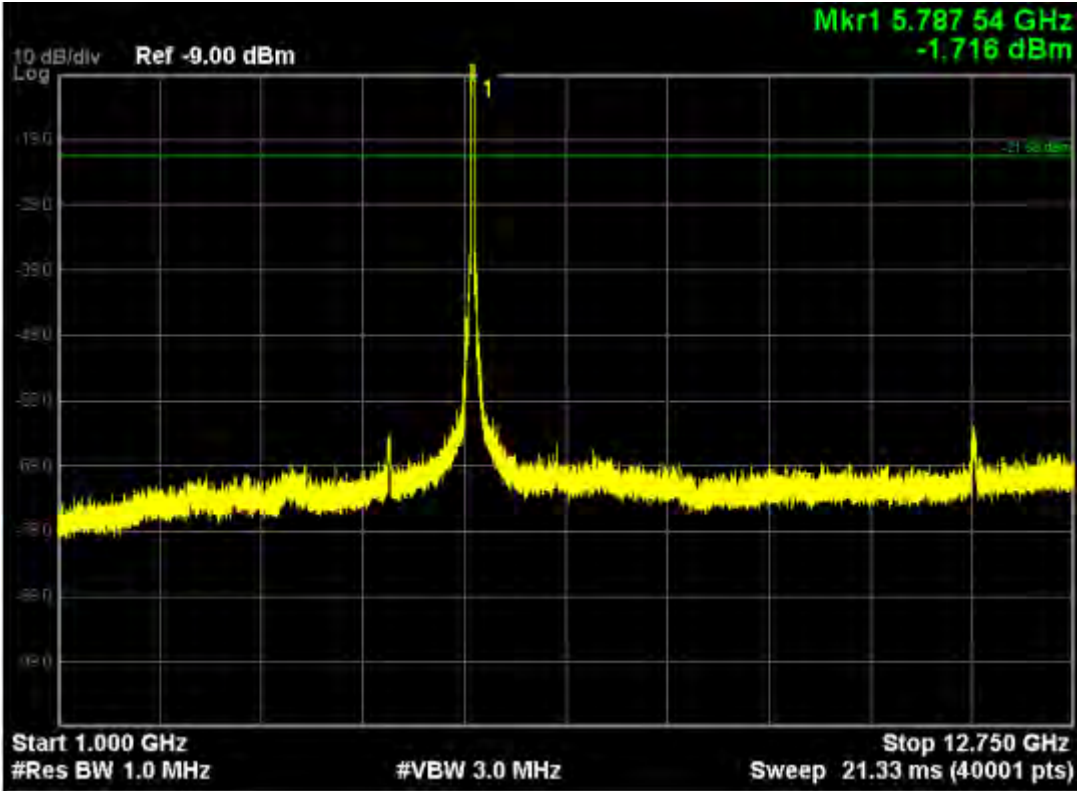
Note: The Mark1 point is carrier.



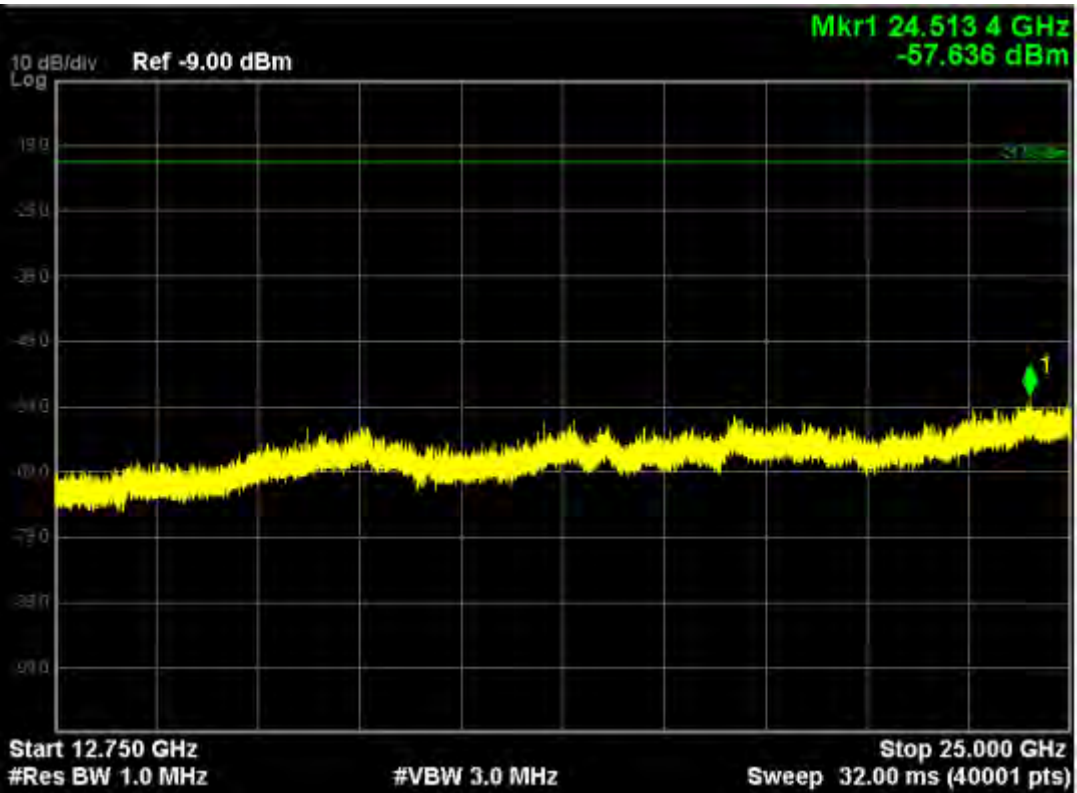
802.11ac40, traffic mode; Channel 159



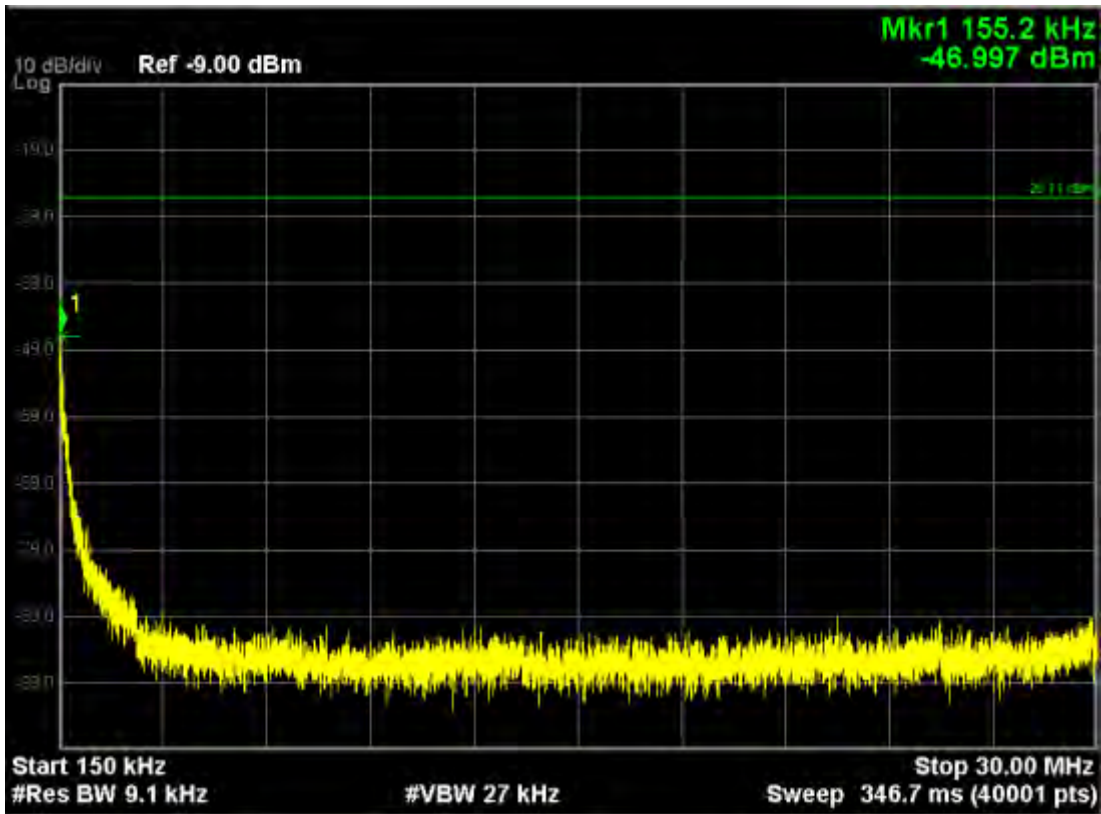
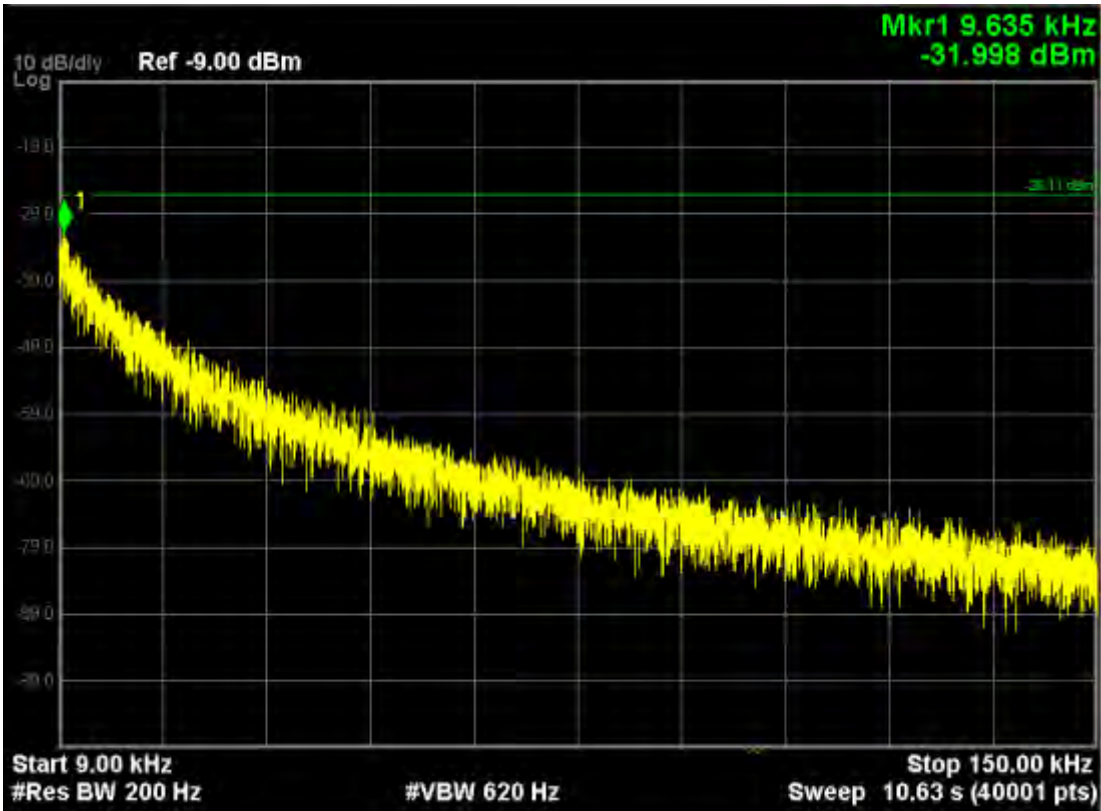


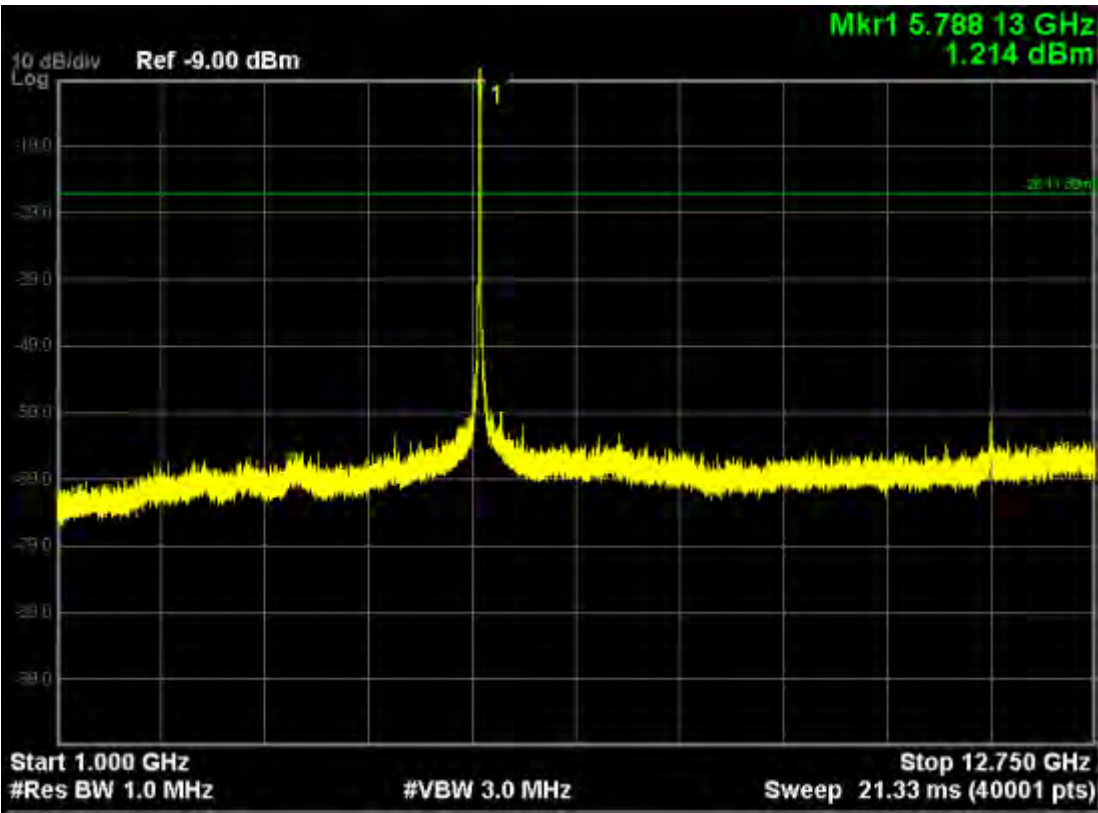
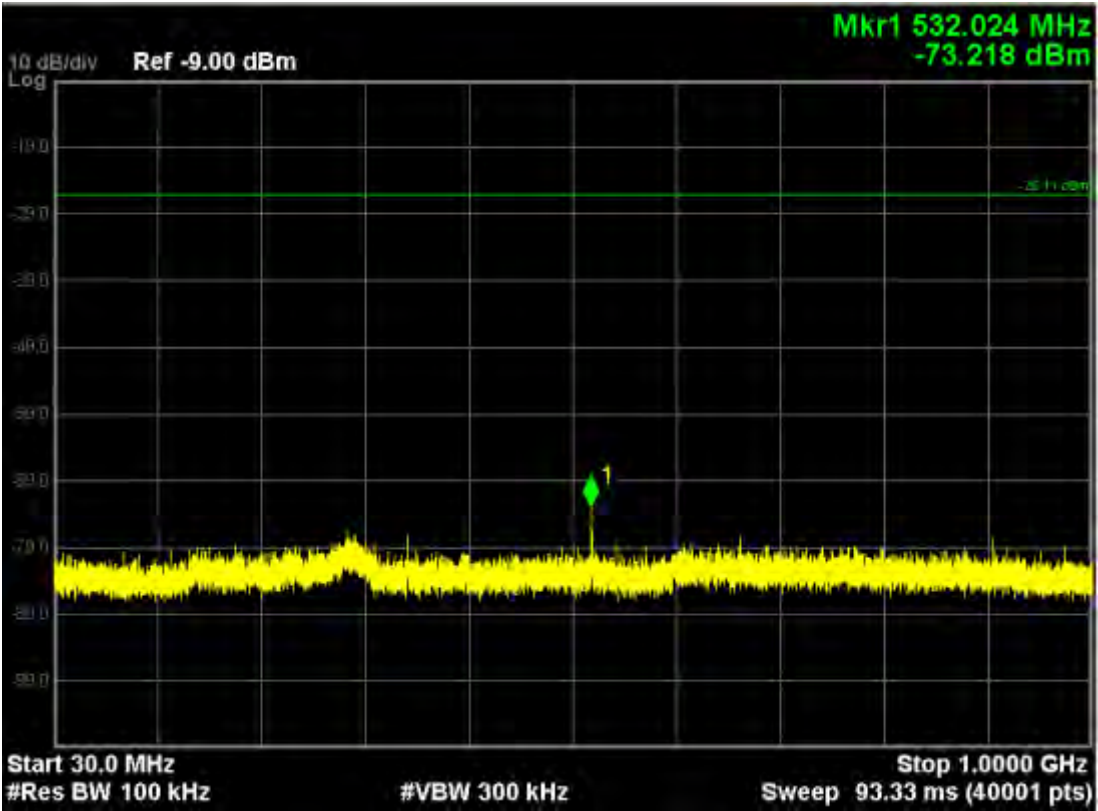


Note: The Mark1 point is carrier.

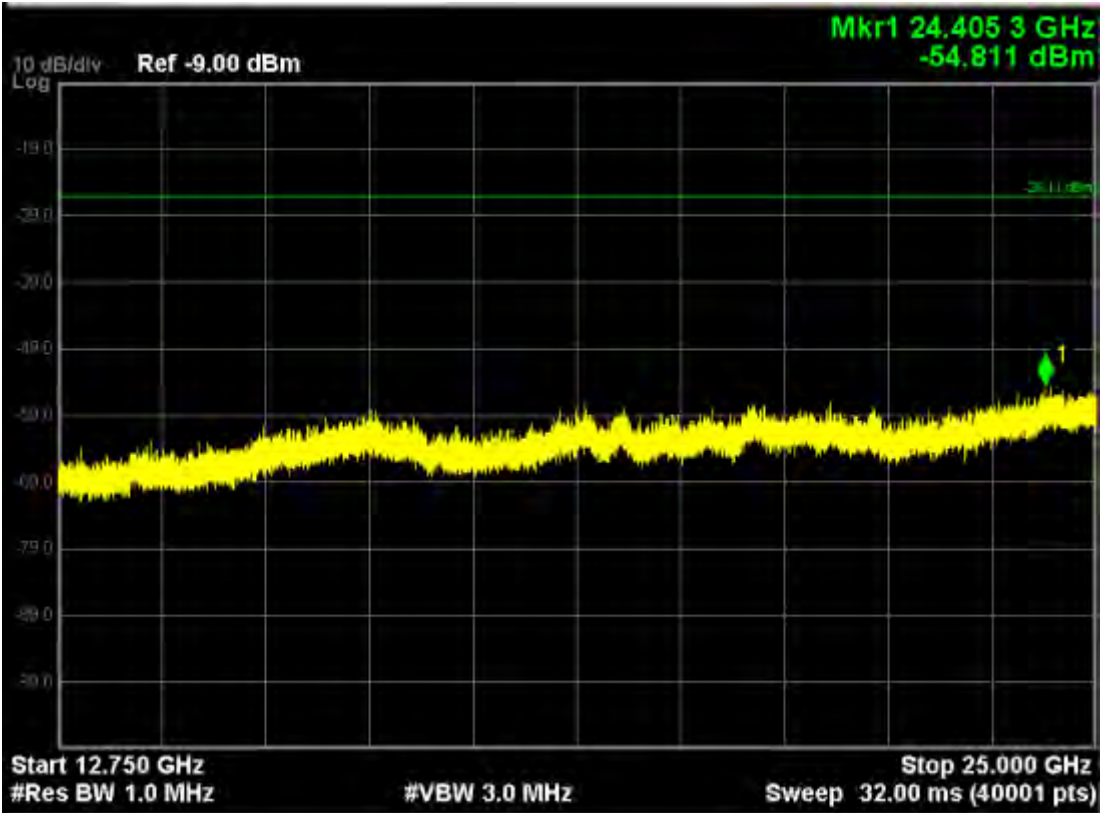


802.11ac40, traffic mode; Channel 159(mimo)

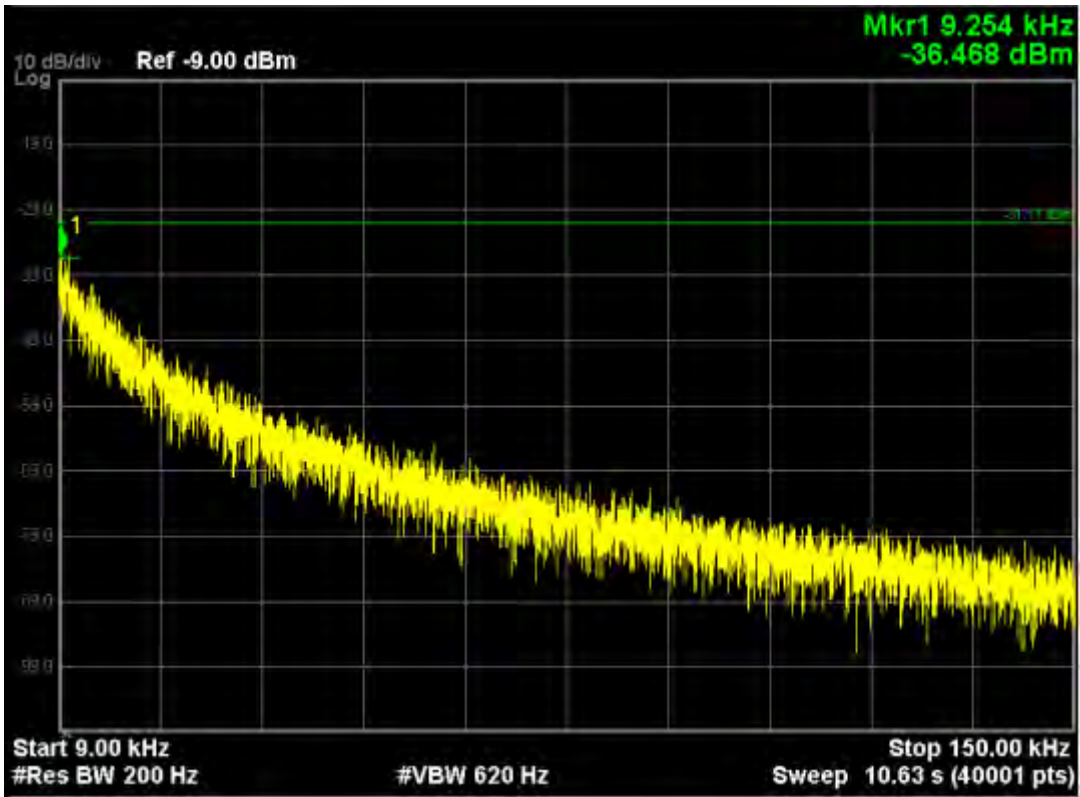


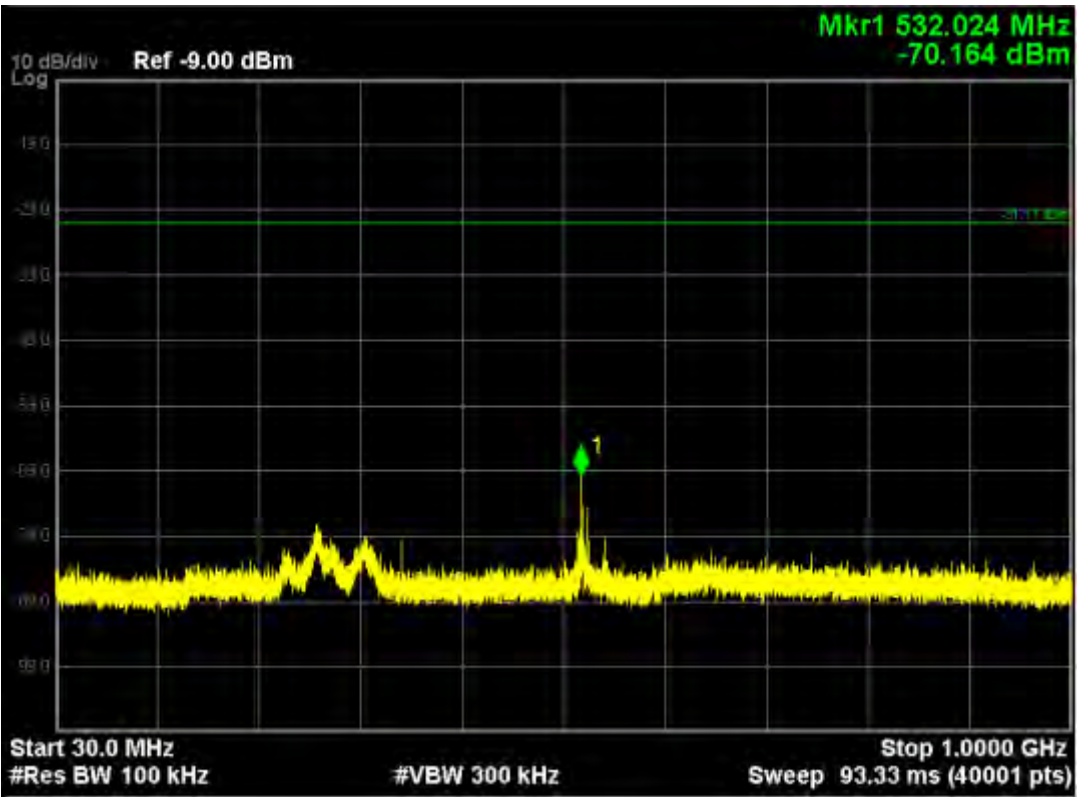
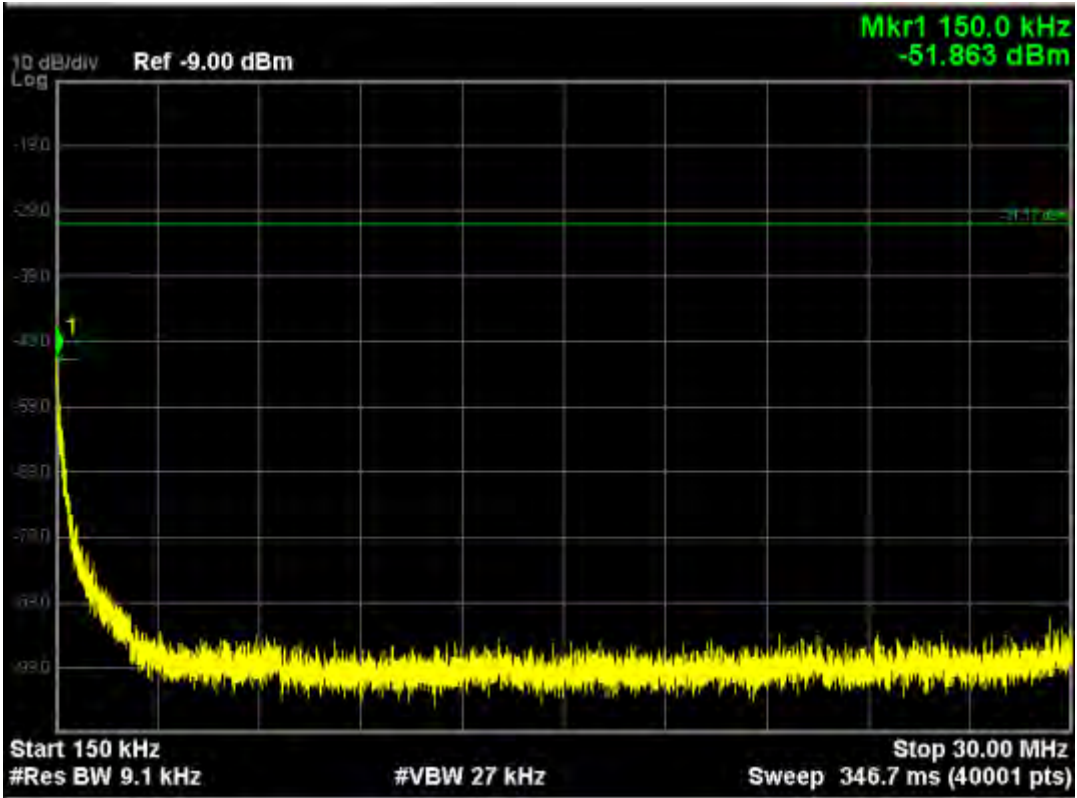


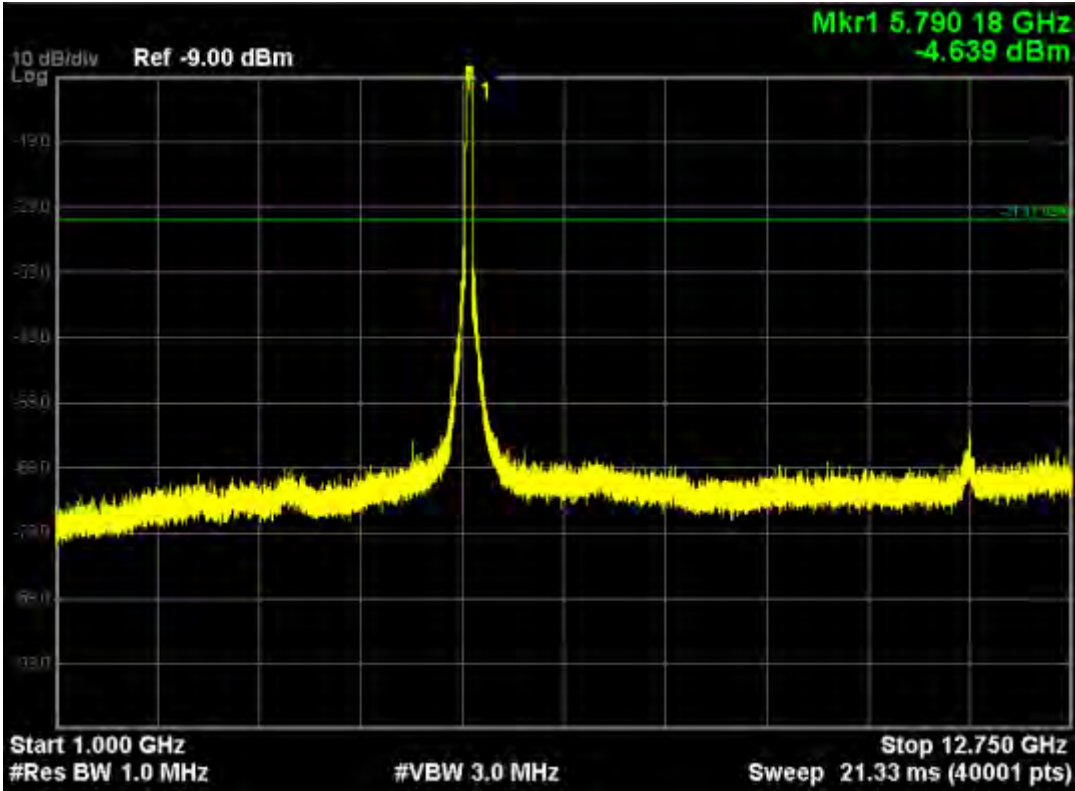
Note: The Mark1 point is carrier.



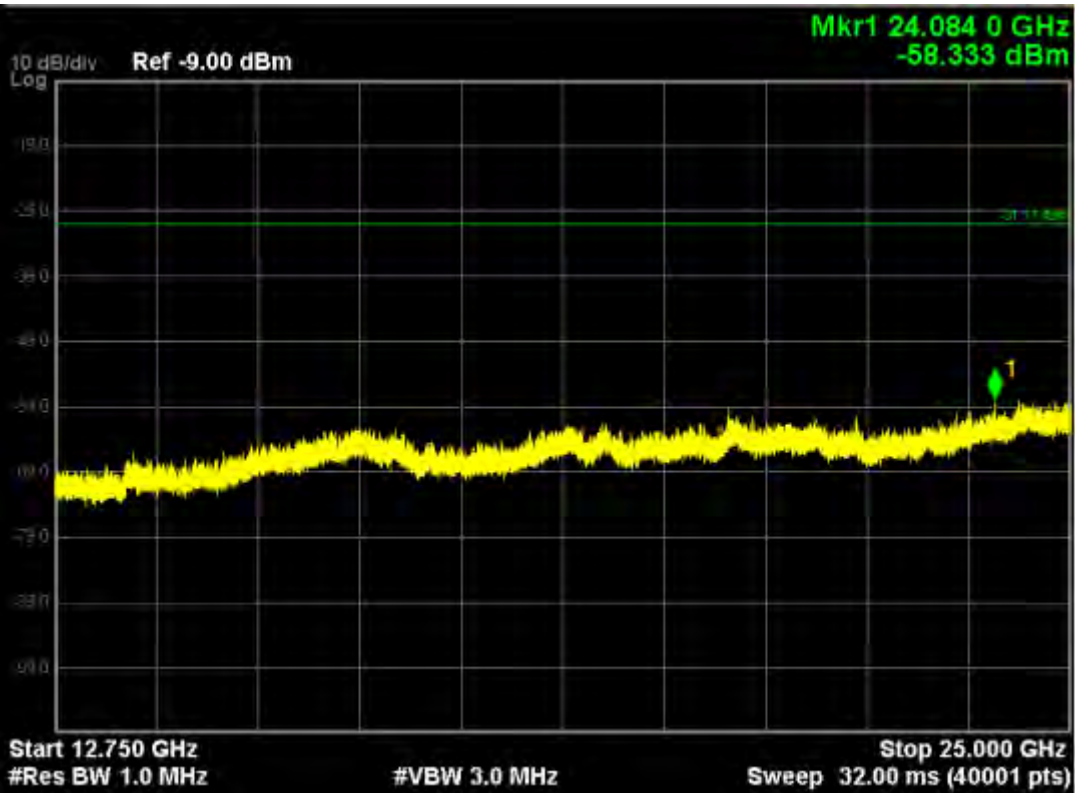
802.11ac80, traffic mode; Channel 155



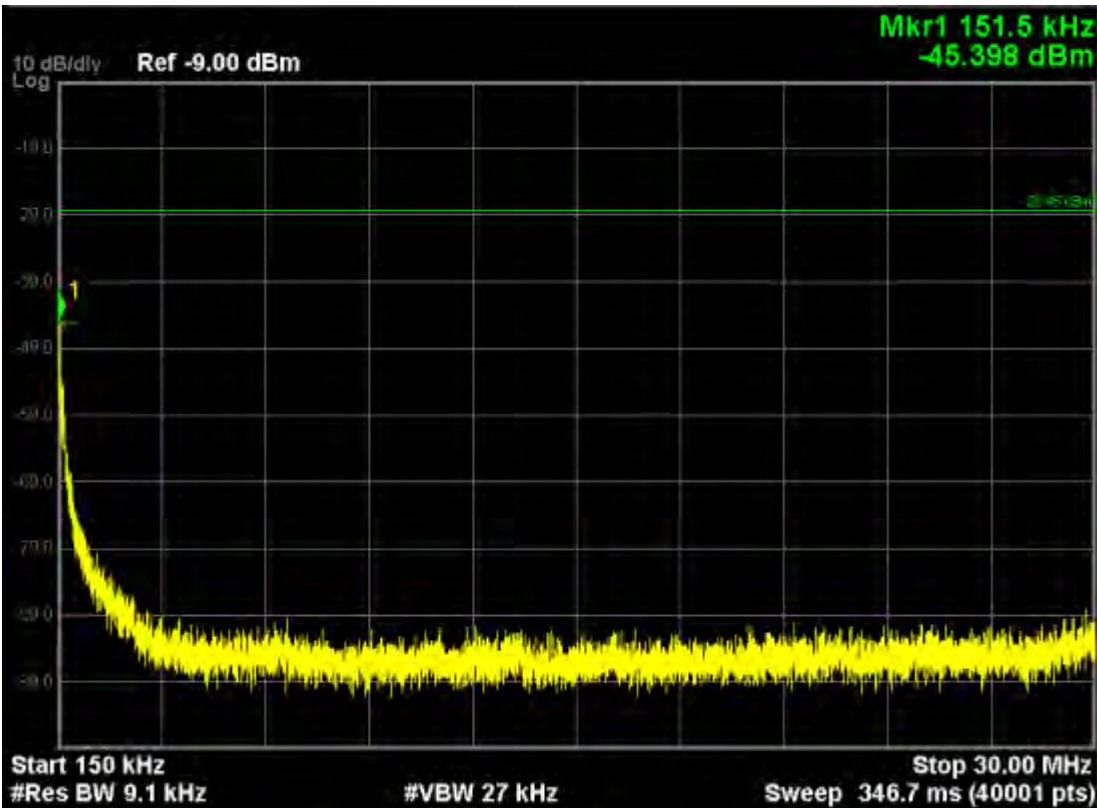
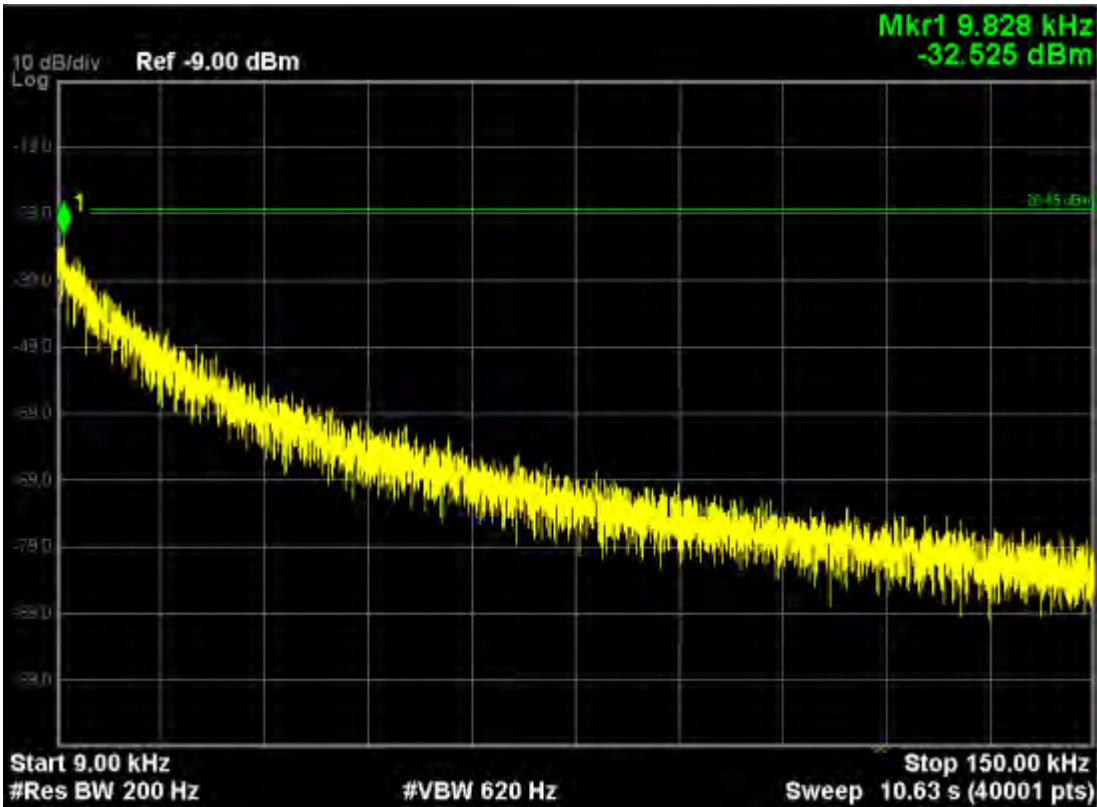


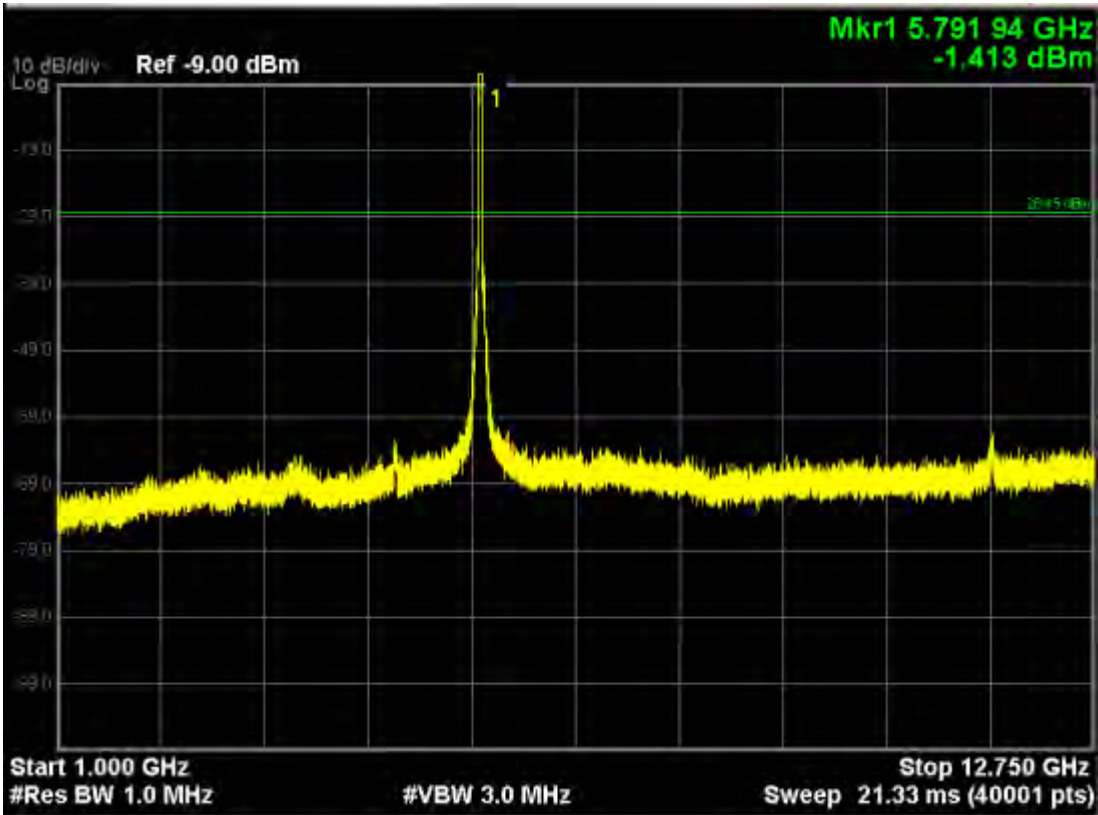
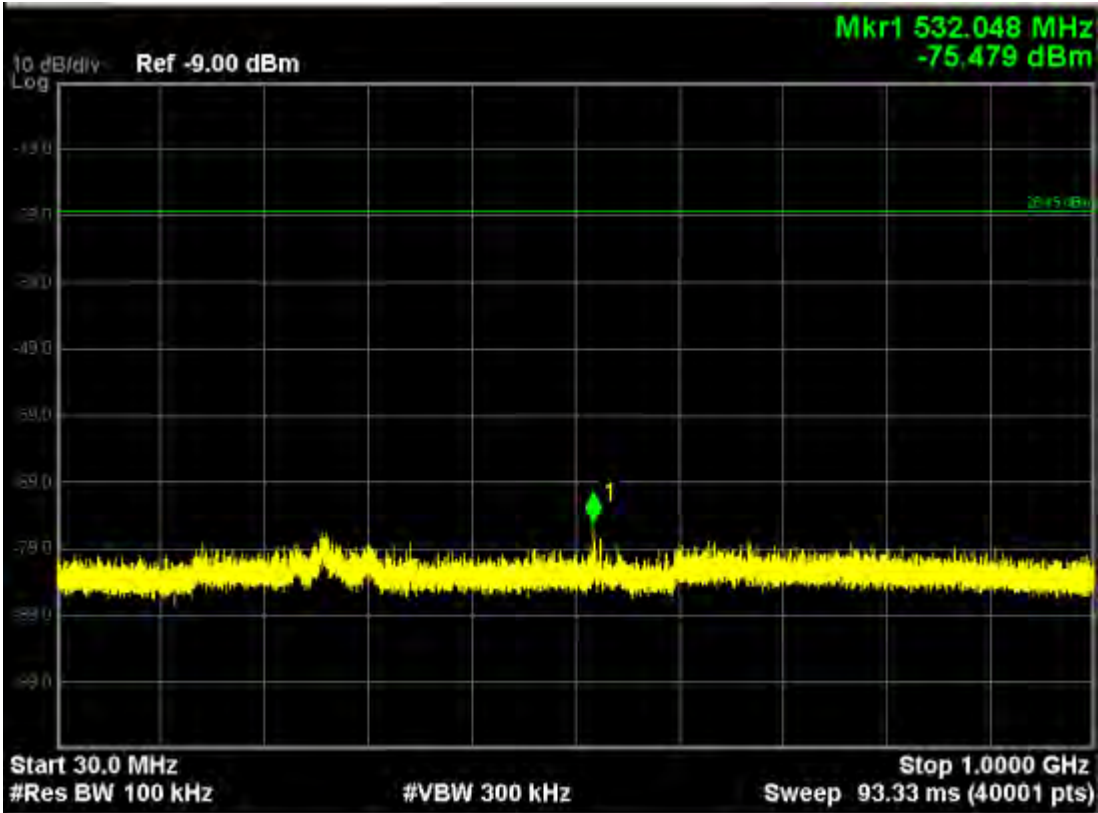


Note: The Mark1 point is carrier.

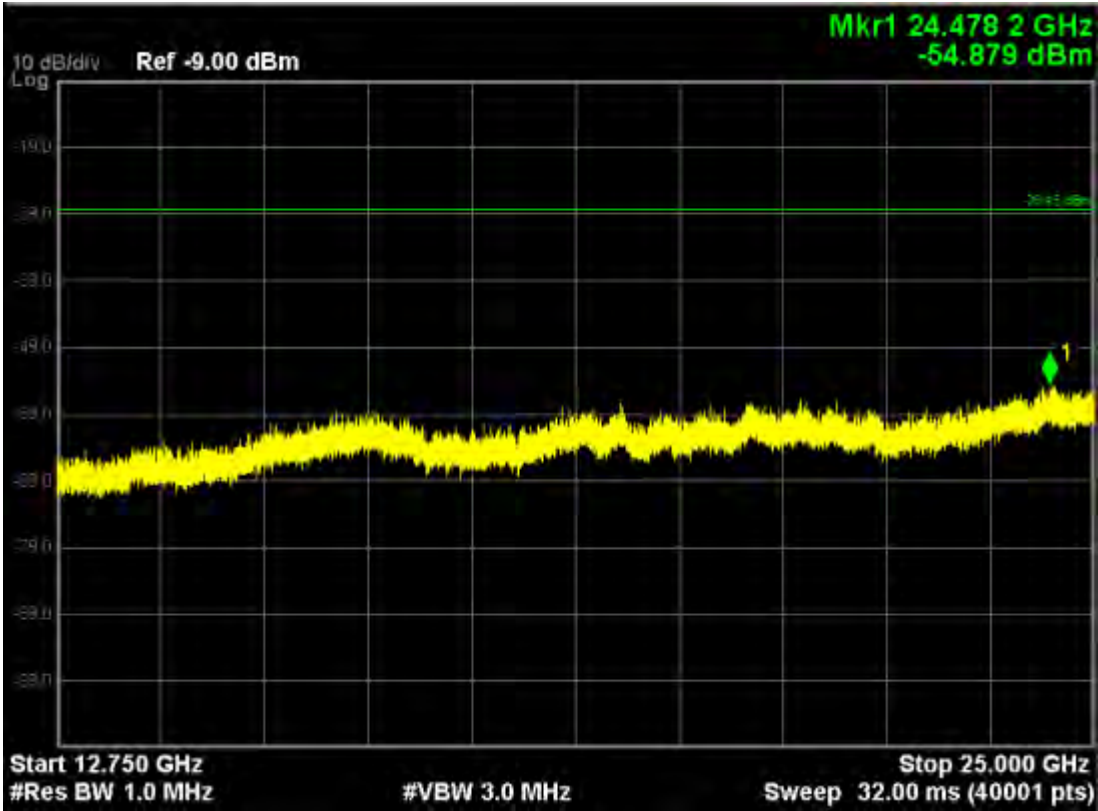


802.11ac80, traffic mode; Channel 155(mimo)



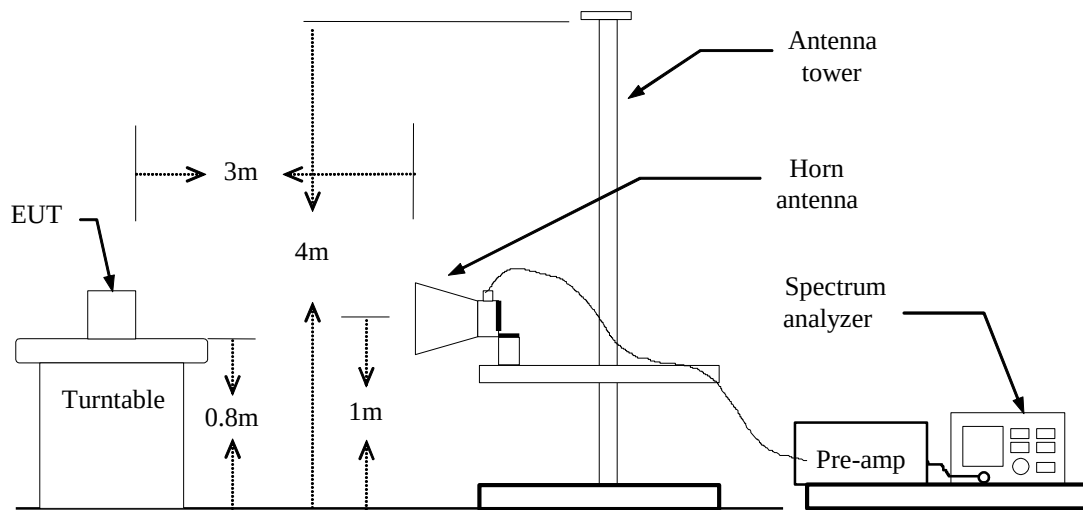


Note: The Mark1 point is carrier.



9. BAND EDGE MEASUREMENT

9.1 TEST SETUP



9.2 LIMITS

According to §15.247(d), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum 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. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

9.3 TEST PROCEDURE

The EUT is placed on a turntable, which is 0.8m above the ground plane.

The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.

EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

PEAK: RBW=VBW=1MHz / Sweep=AUTO

AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

Repeat the procedures until all the PEAK and AVERAGE versus POLARIZATION are measured.

9.4 RESULTS & PERFORMANCE

Radiated Band Edge:

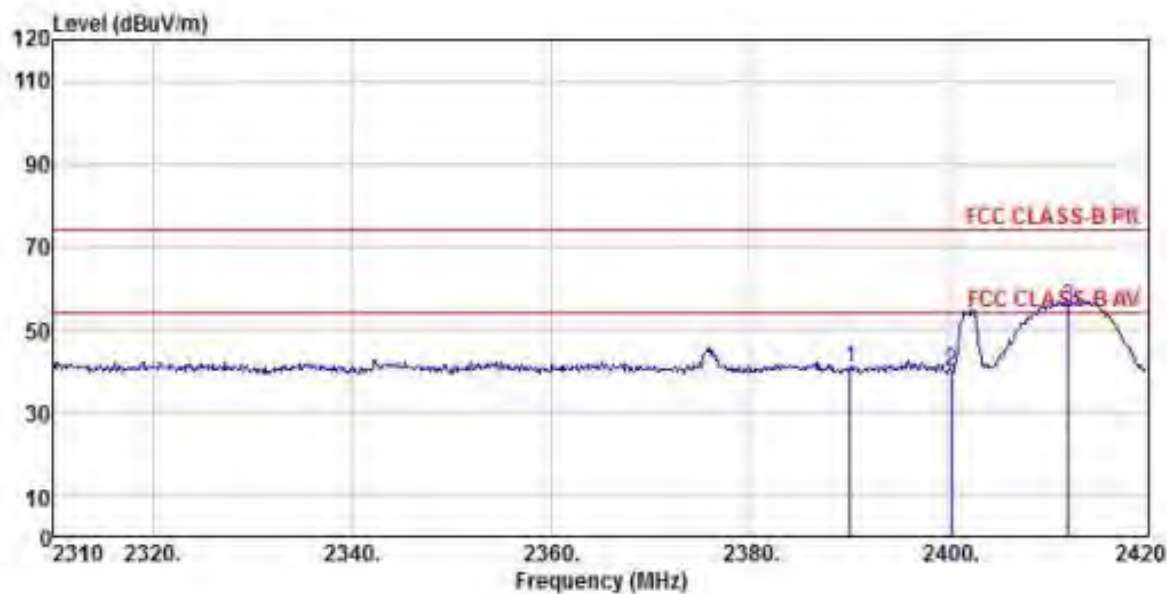
Antenna 1

WIFI 2.4G

802.11b (Ch1)

Detector mode: Peak

Polarity: Horizontal



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 2.4G CH1
Memo :

		ReadAntenna		Cable Preamp		Limit		Over			
		Freq	Level	Factor	Loss Factor	Level	Line	Limit	Remark		
		MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2390.08	44.42	27.58	7.13	38.53	40.60	74.00	-33.40	Peak		
2	2400.31	43.86	27.58	7.13	38.52	40.05	74.00	-33.95	Peak		
3 pp	2412.08	59.34	27.54	7.21	38.52	55.57	74.00	-18.43	Peak		

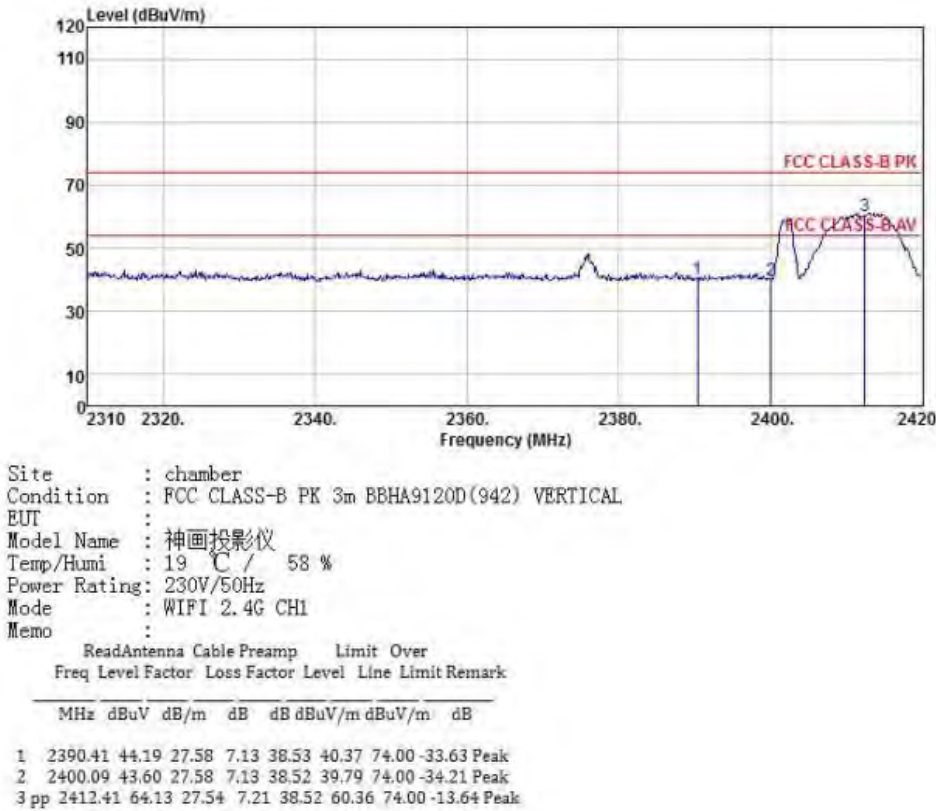
Detector mode: Average

Polarity: Horizontal



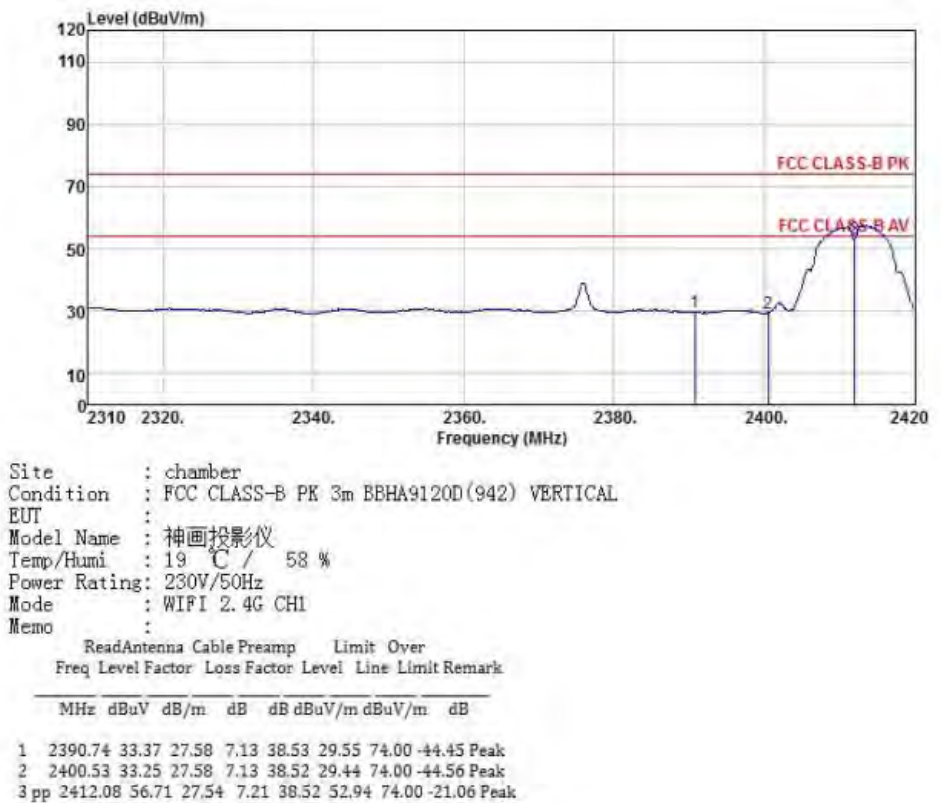
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

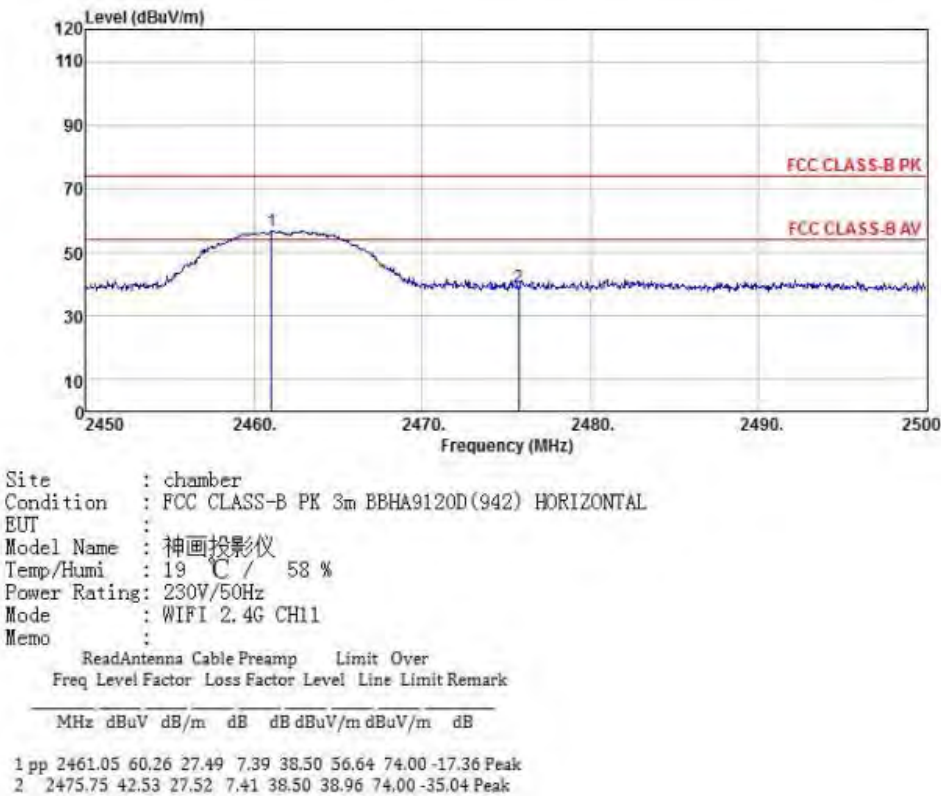
Polarity: Vertical



802.11b (Ch11)

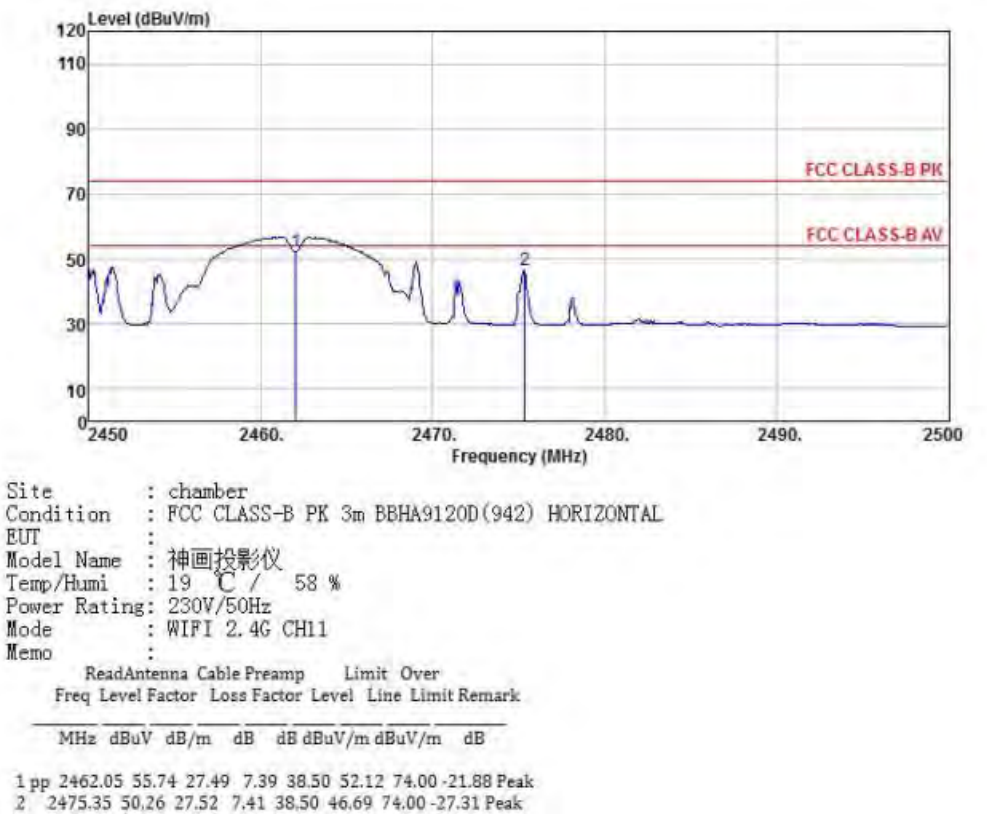
Detector mode: Peak

Polarity: Horizontal



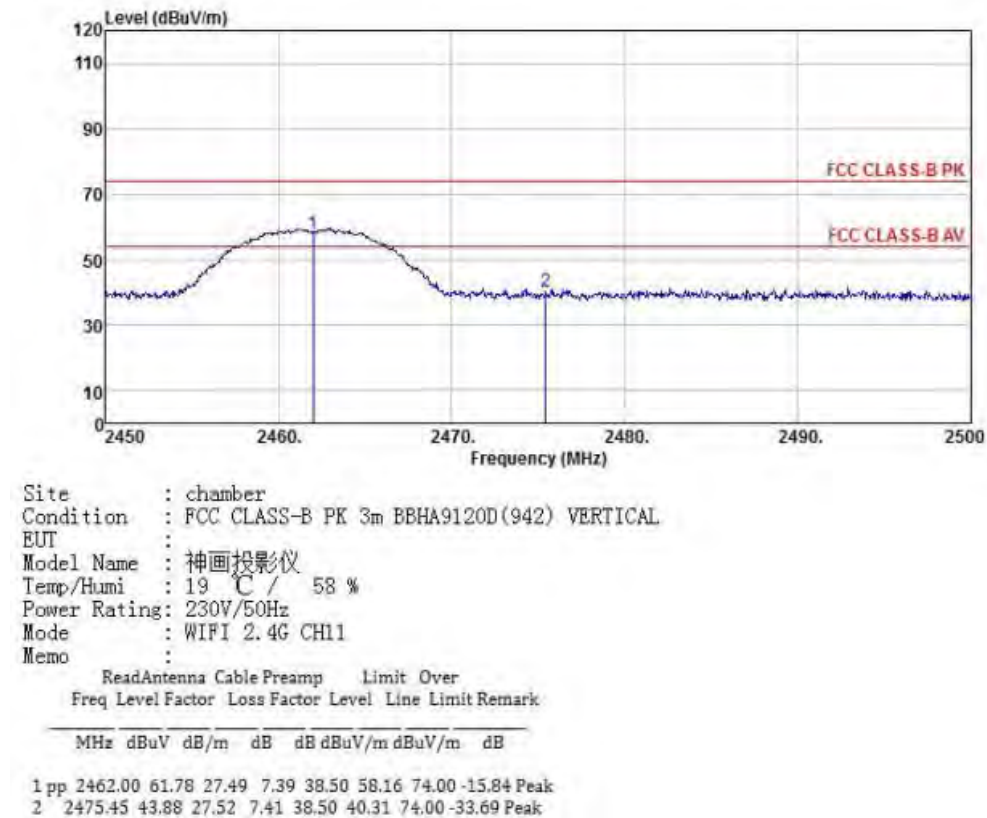
Detector mode: Average

Polarity: Horizontal



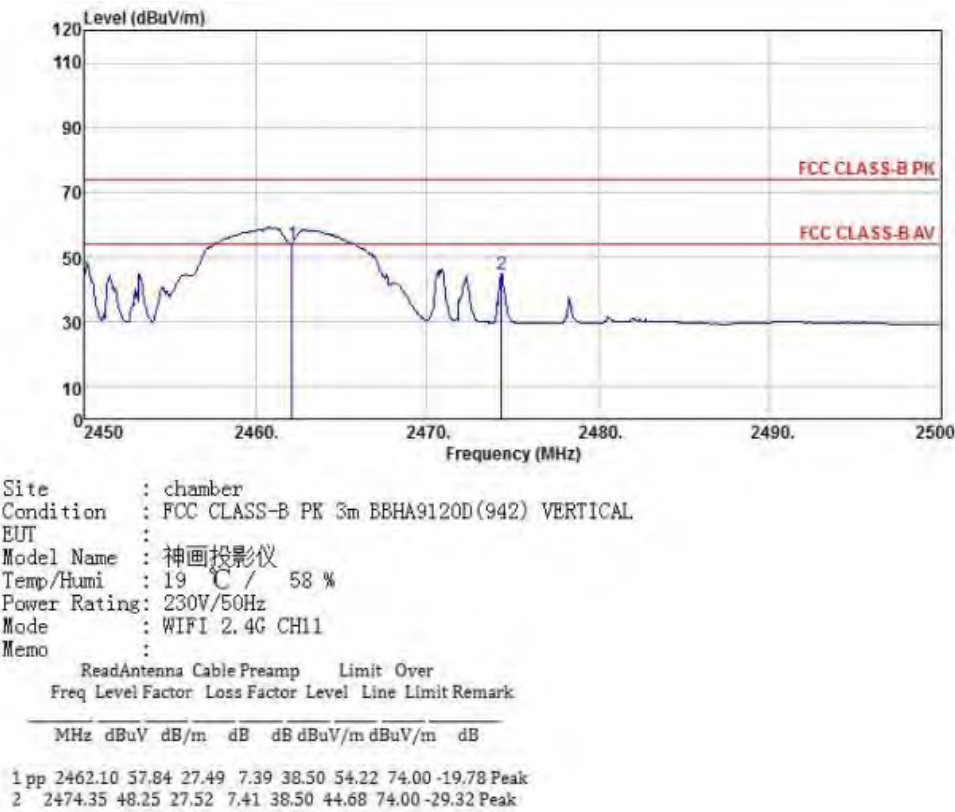
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

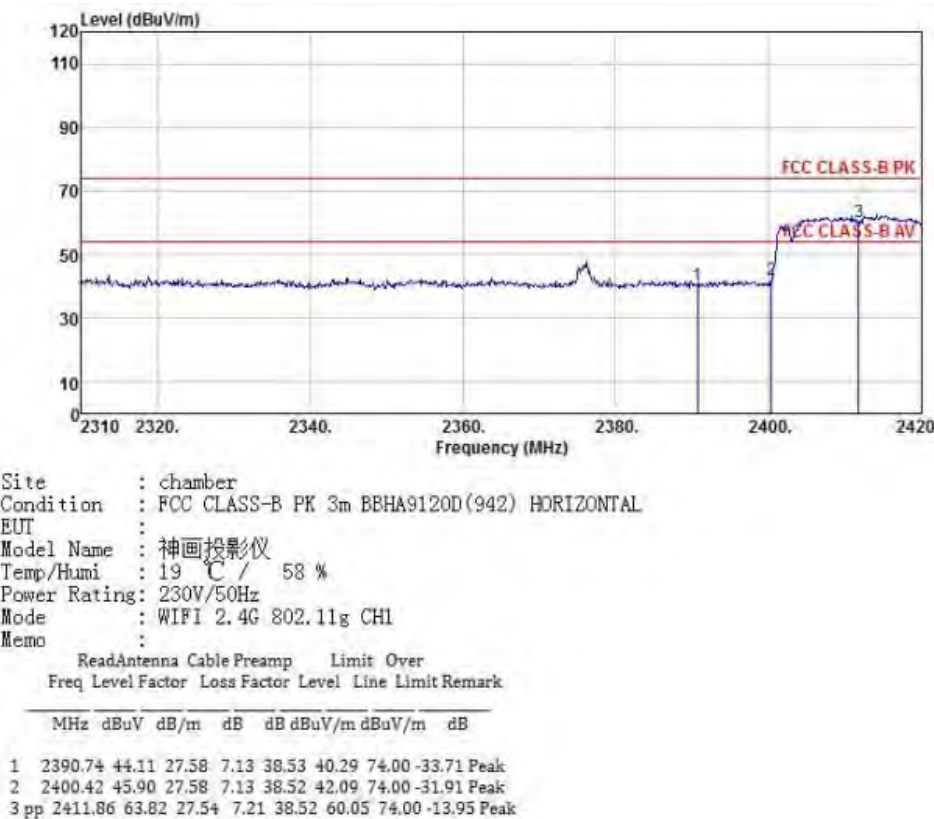
Polarity: Vertical



802.11g (Ch1)

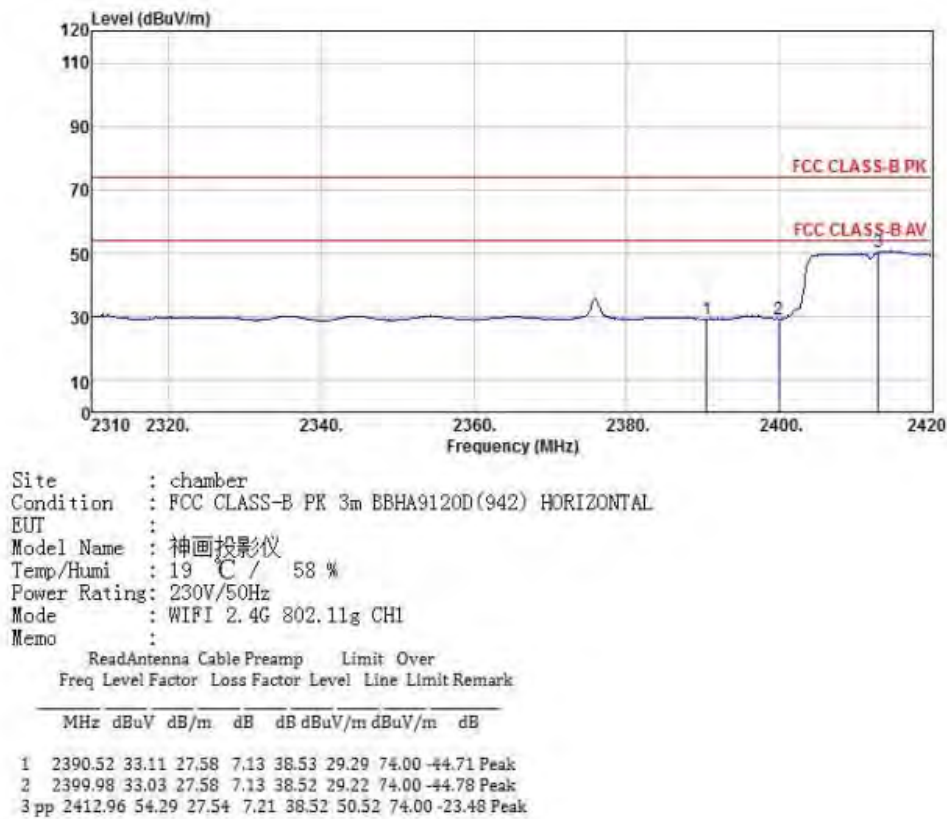
Detector mode: Peak

Polarity: Horizontal



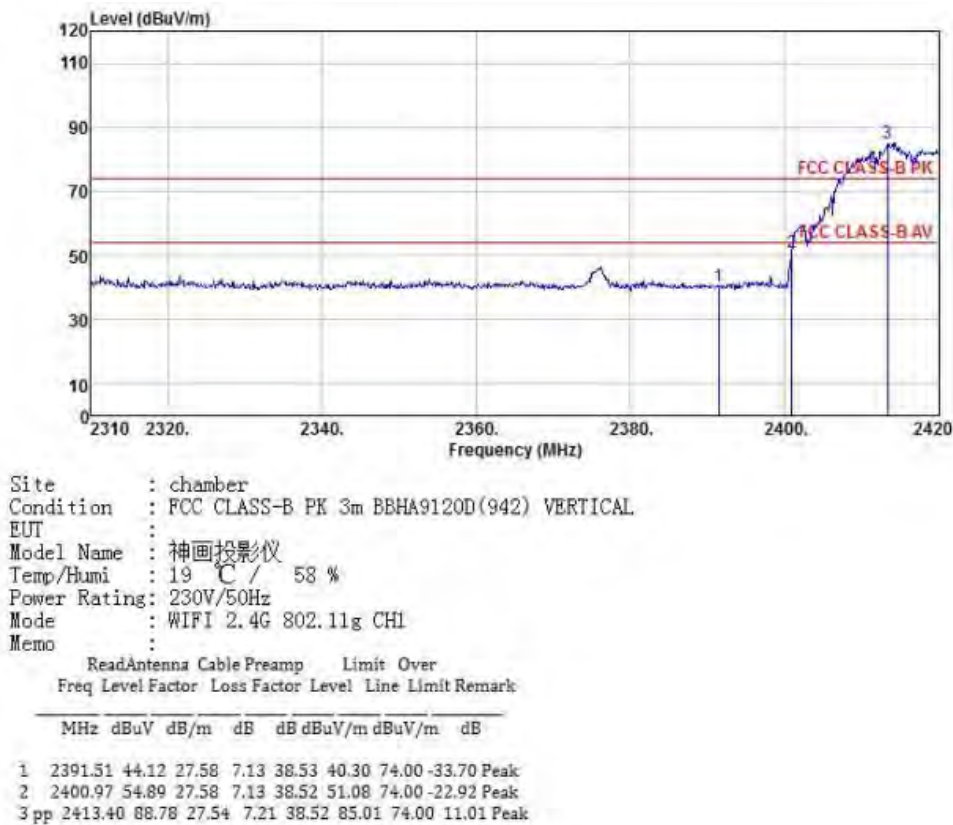
Detector mode: Average

Polarity: Horizontal



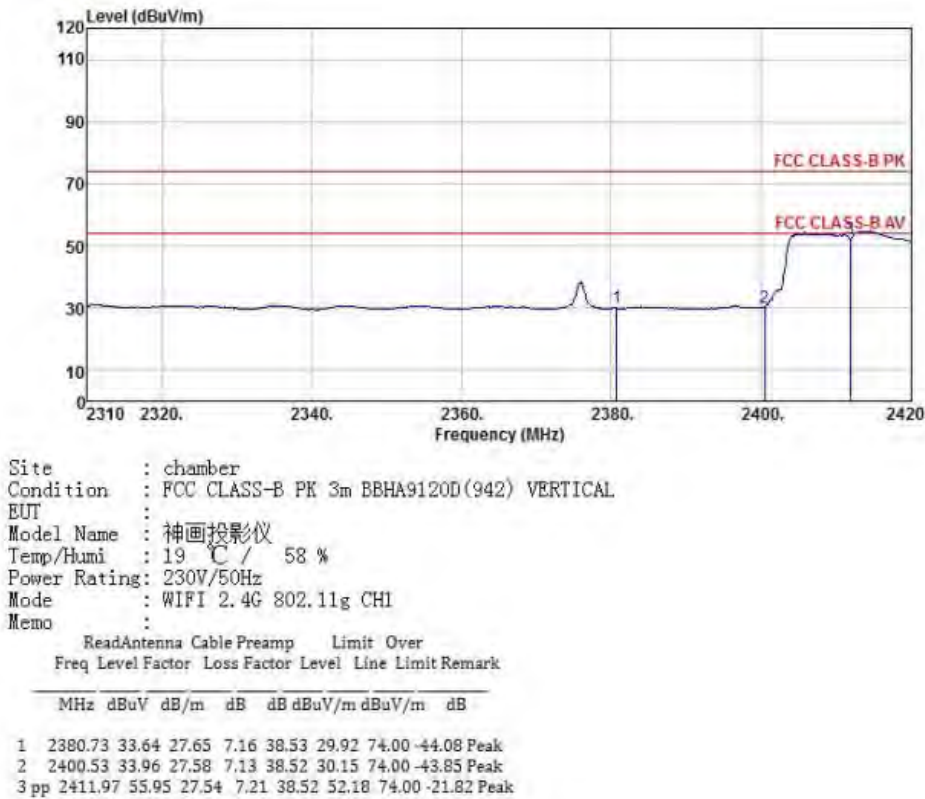
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

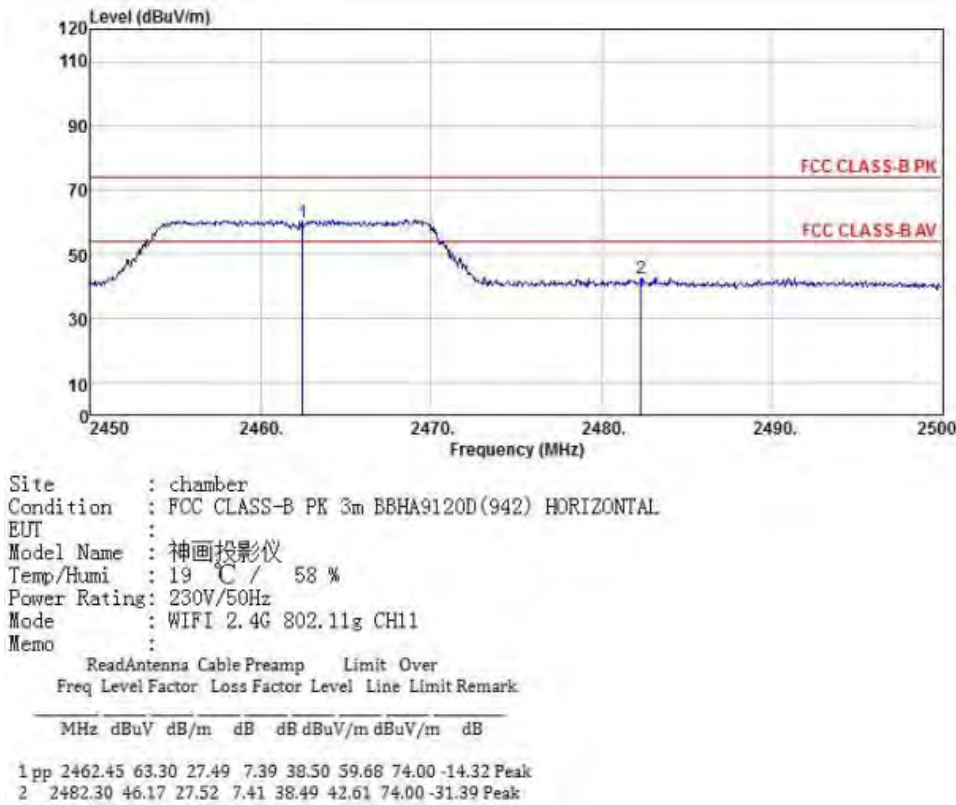
Polarity: Vertical



802.11g (Ch11)

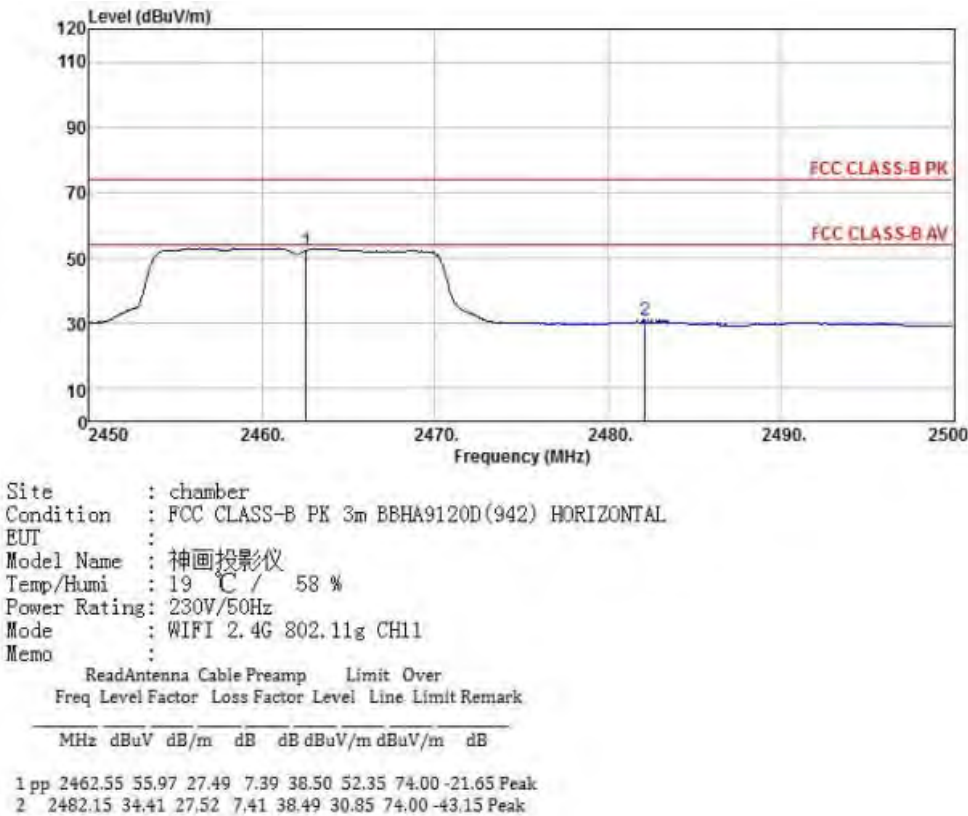
Detector mode: Peak

Polarity: Horizontal



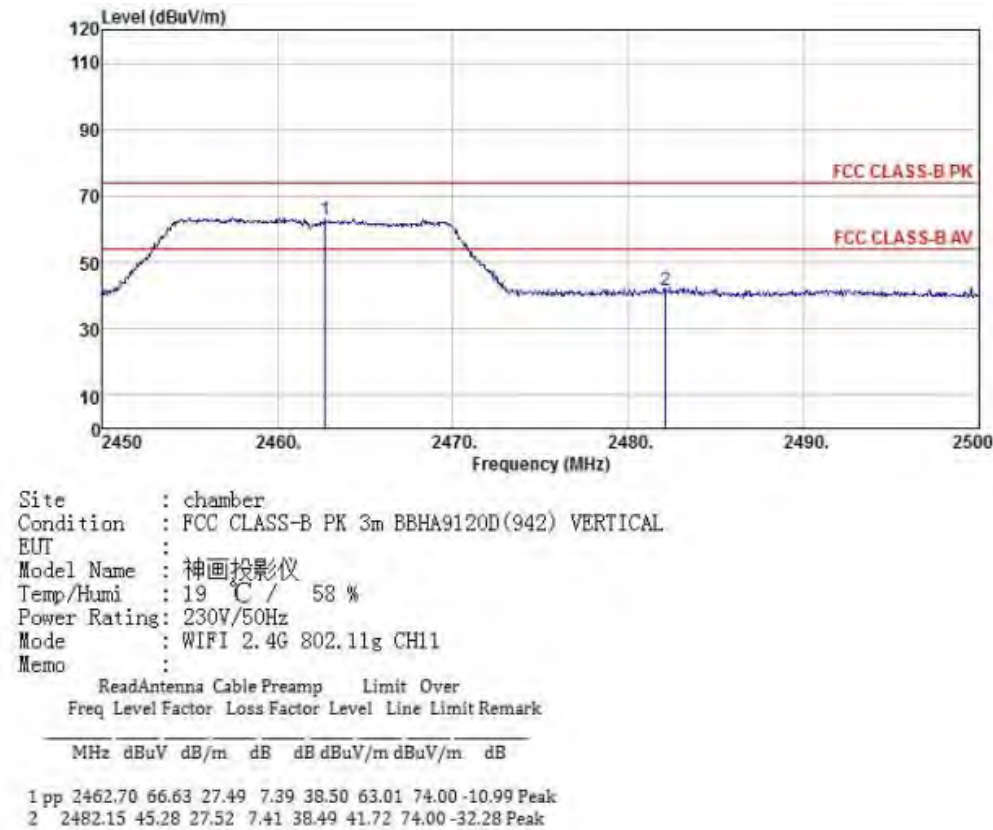
Detector mode: Average

Polarity: Horizontal



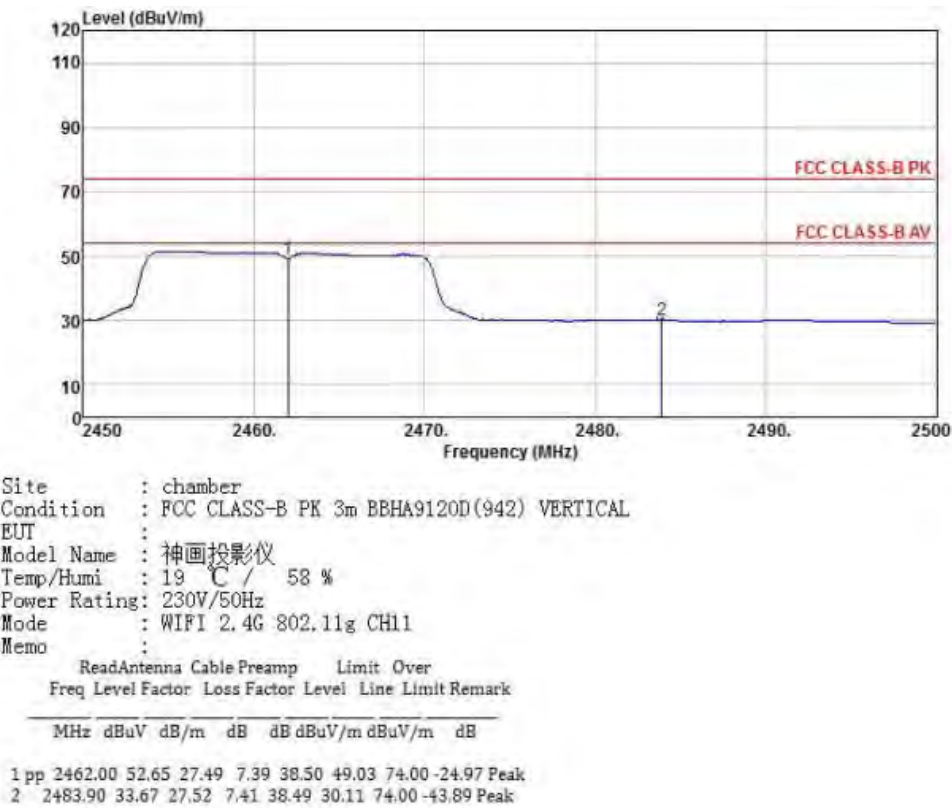
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

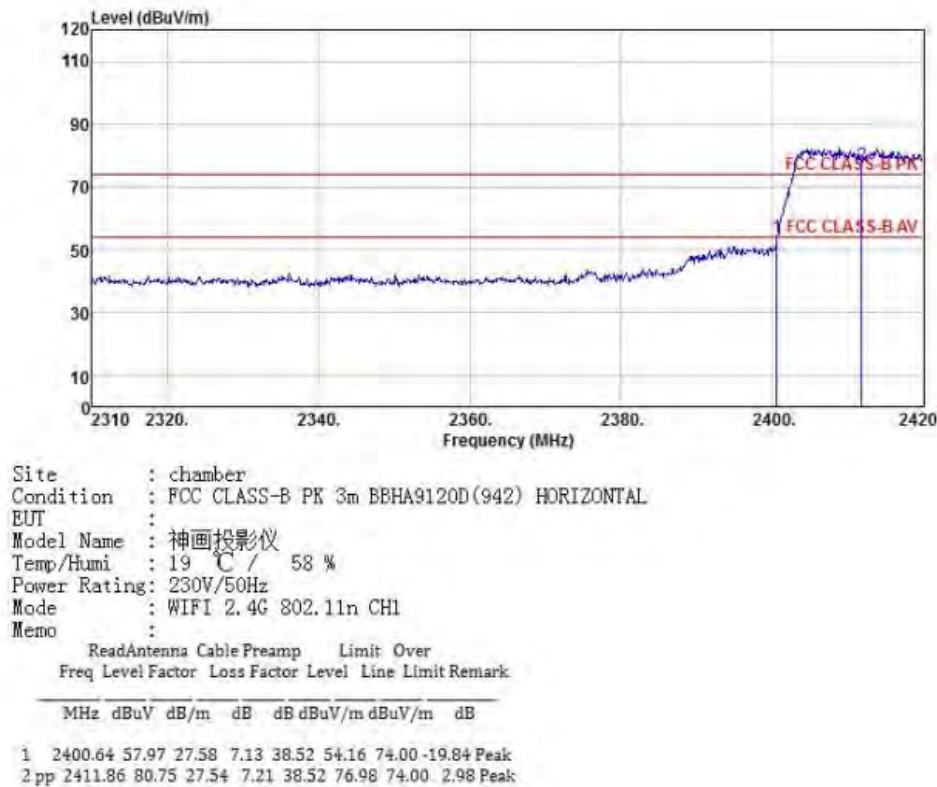
Polarity: Vertical



802.11n20 (Ch1)

Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



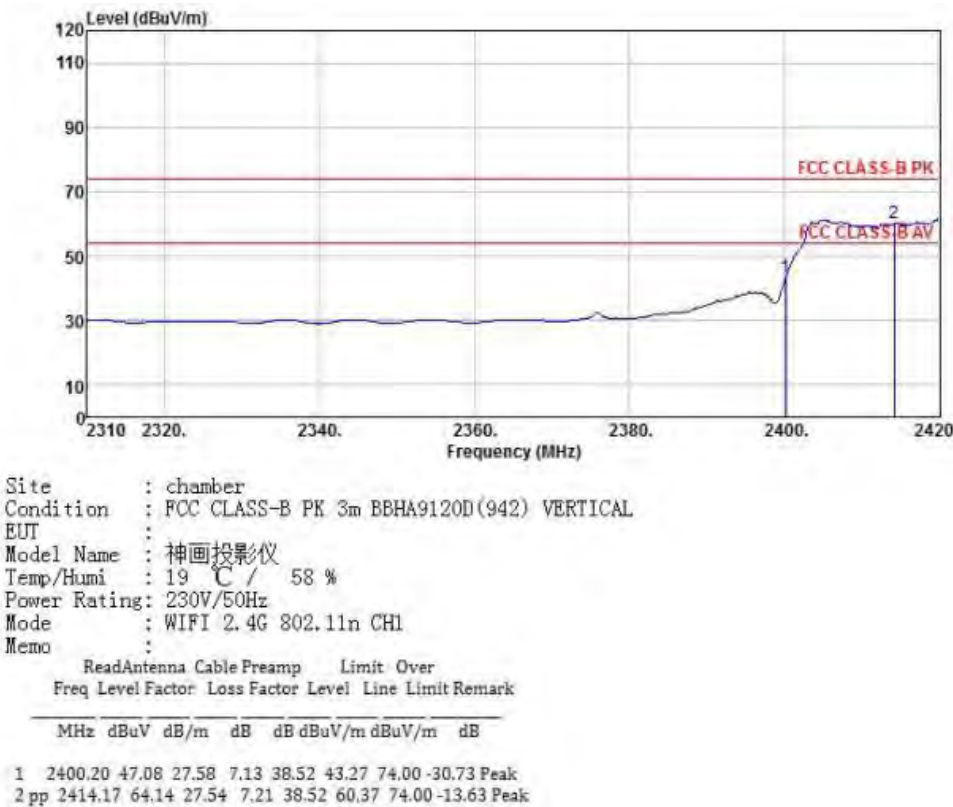
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

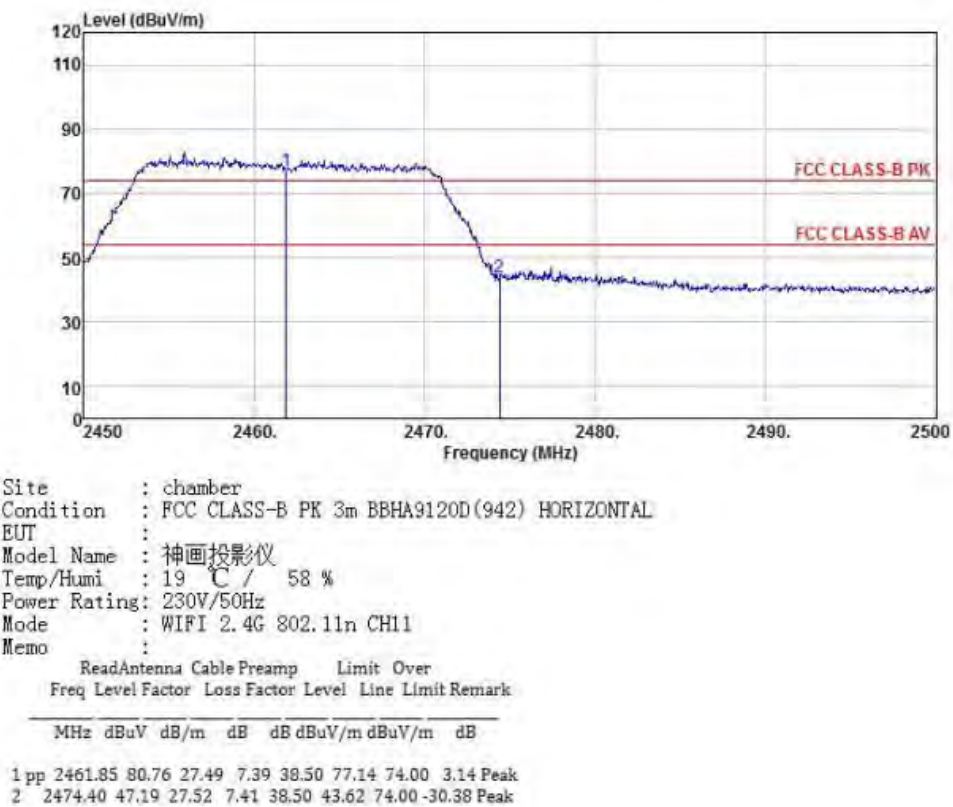
Polarity: Vertical



802.11n20 (Ch11)

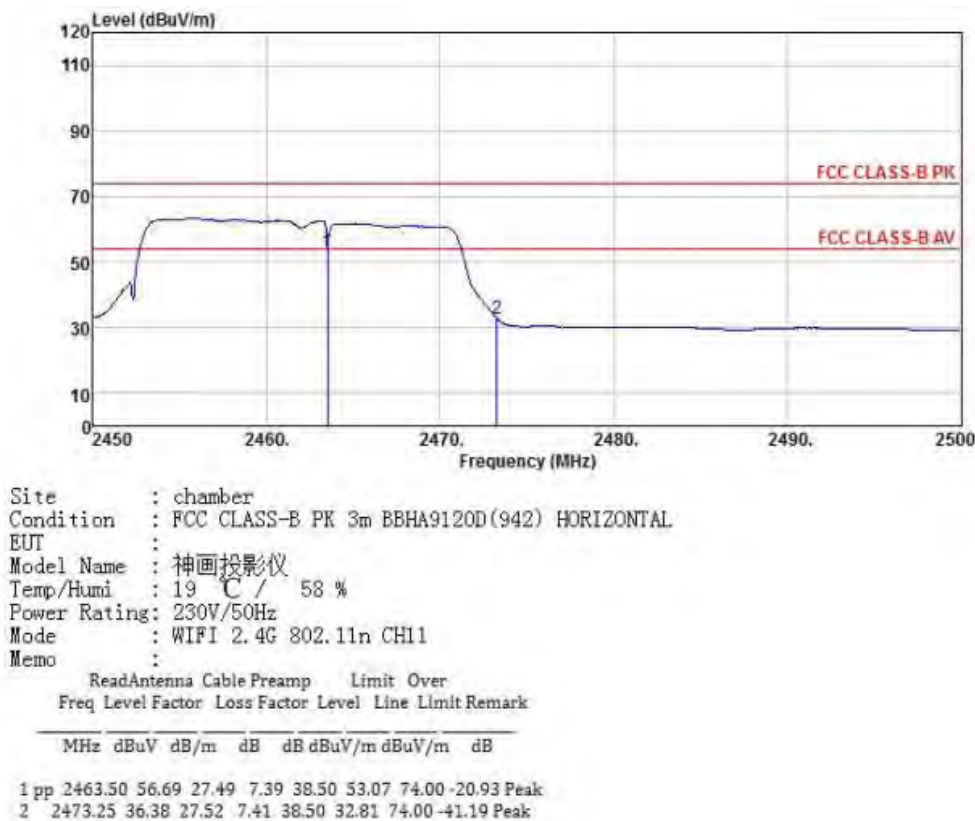
Detector mode: Peak

Polarity: Horizontal



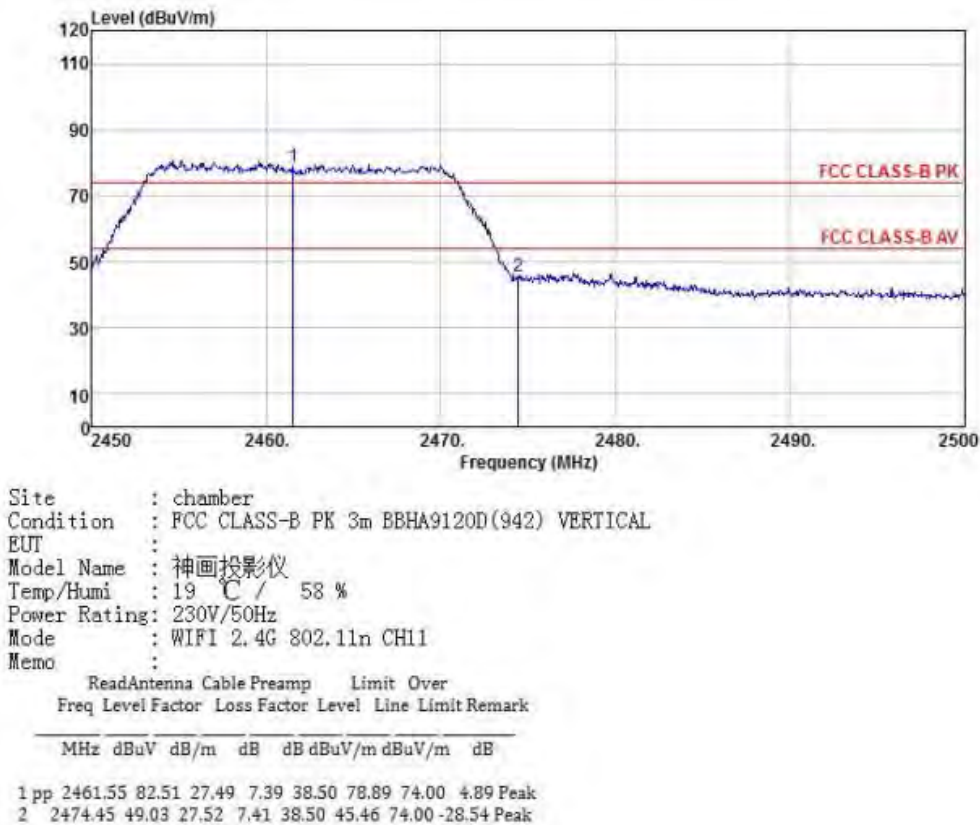
Detector mode: Average

Polarity: Horizontal



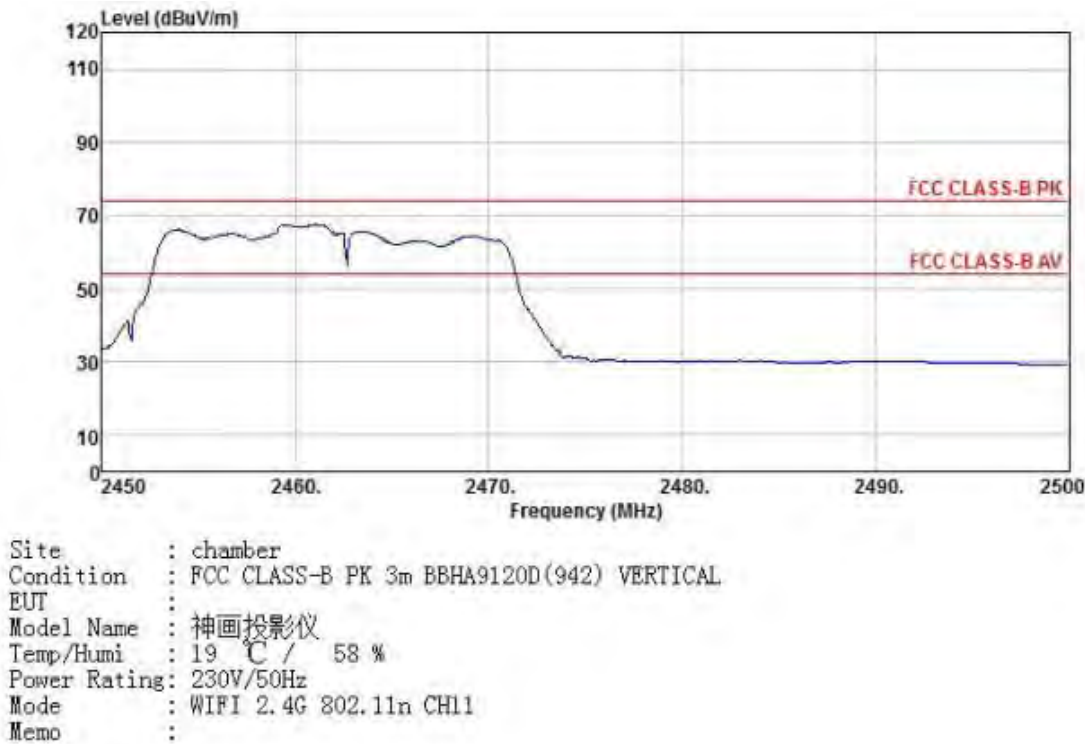
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

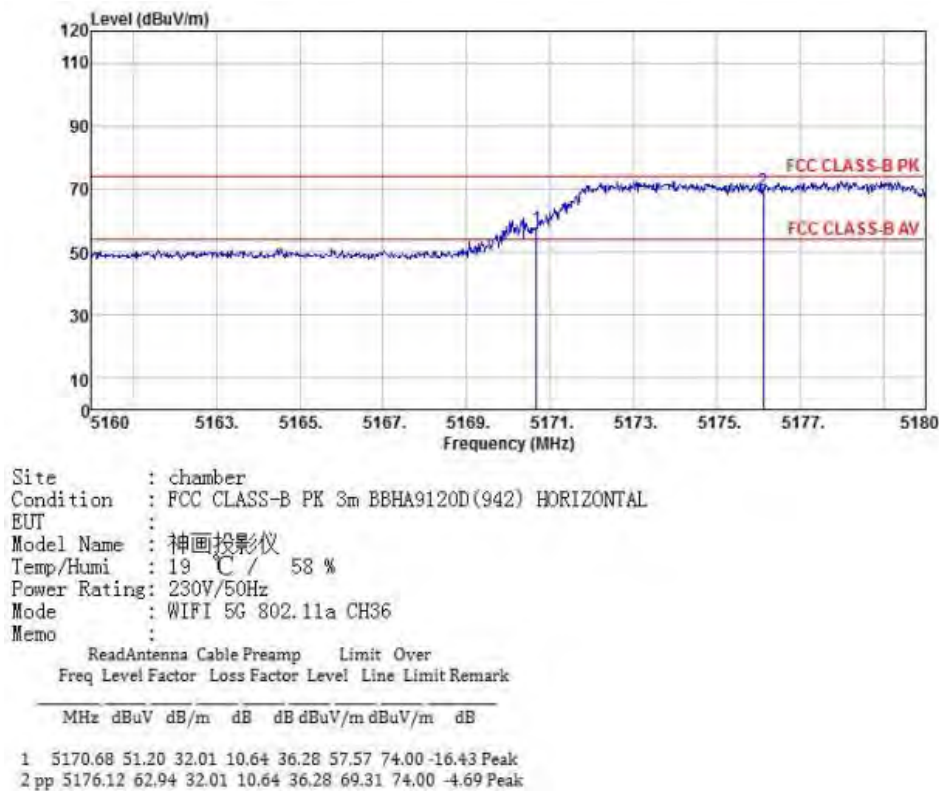


WIFI 5G(5150MHz-5250MHz)

802.11a (Ch36)

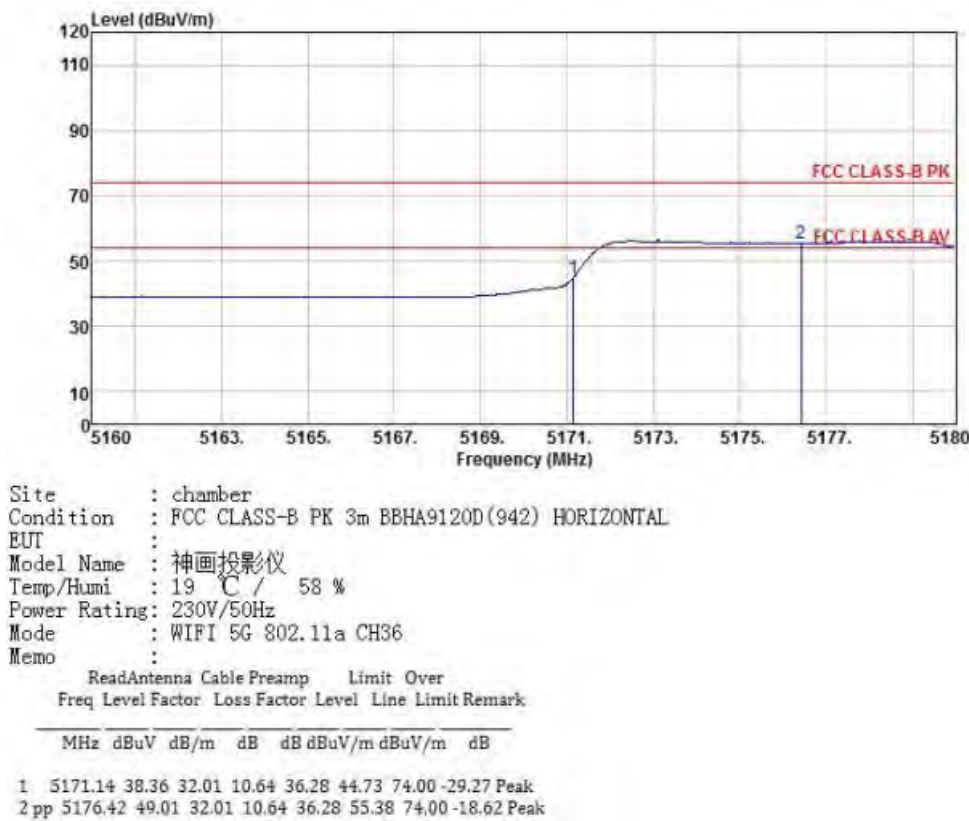
Detector mode: Peak

Polarity: Horizontal



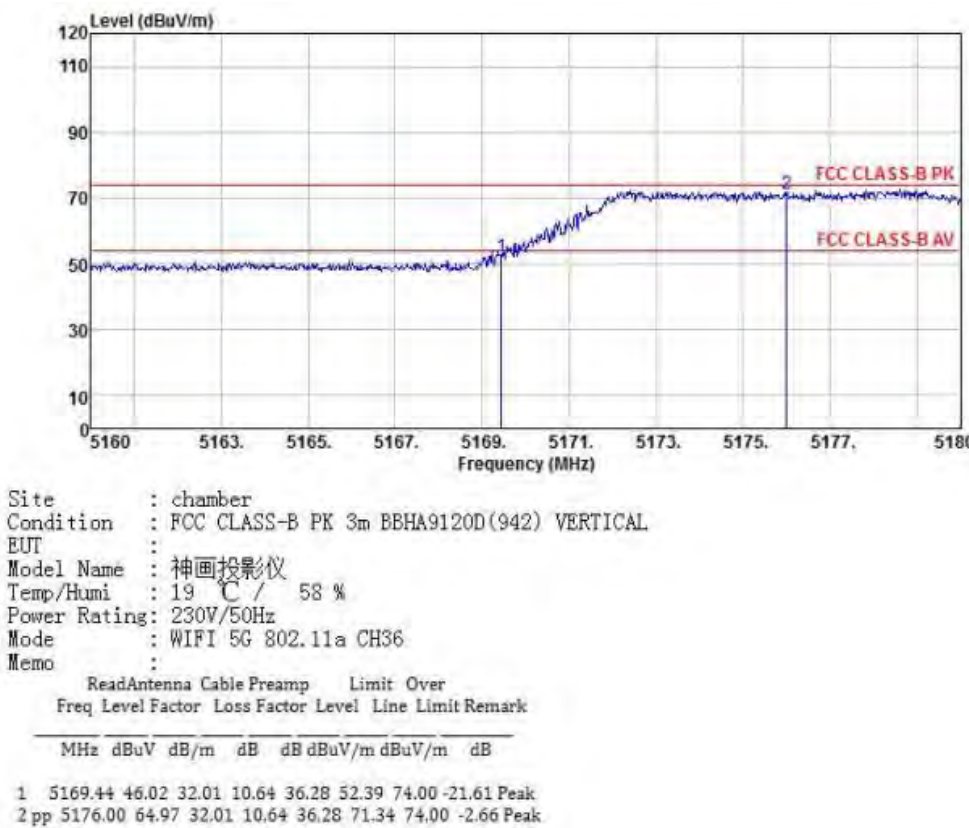
Detector mode: Average

Polarity: Horizontal



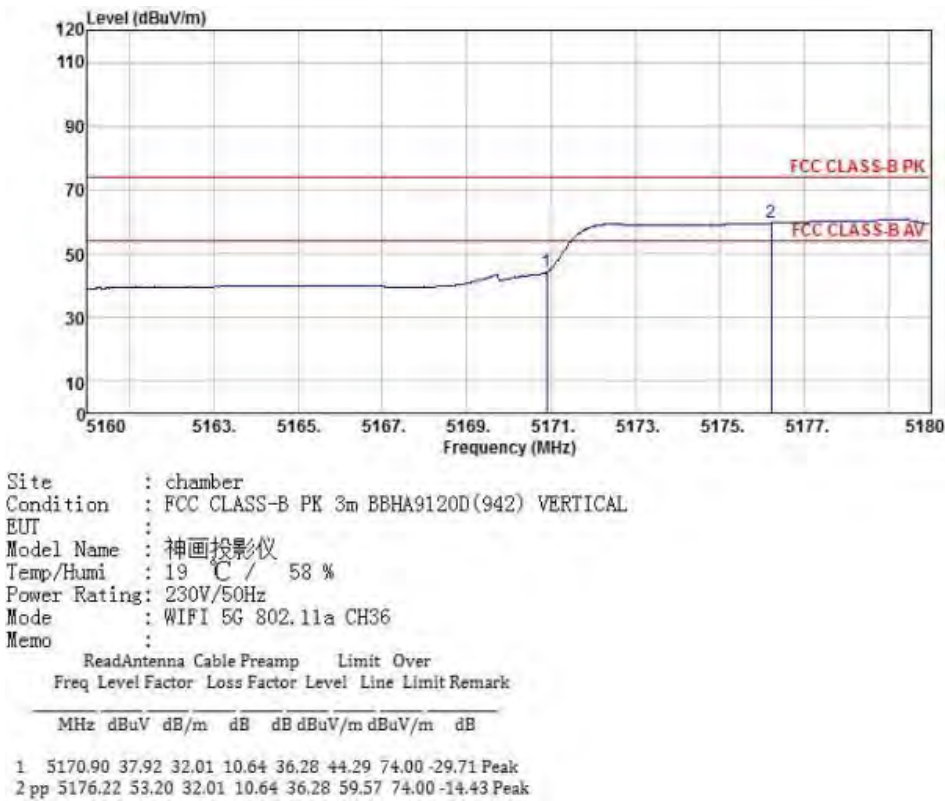
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

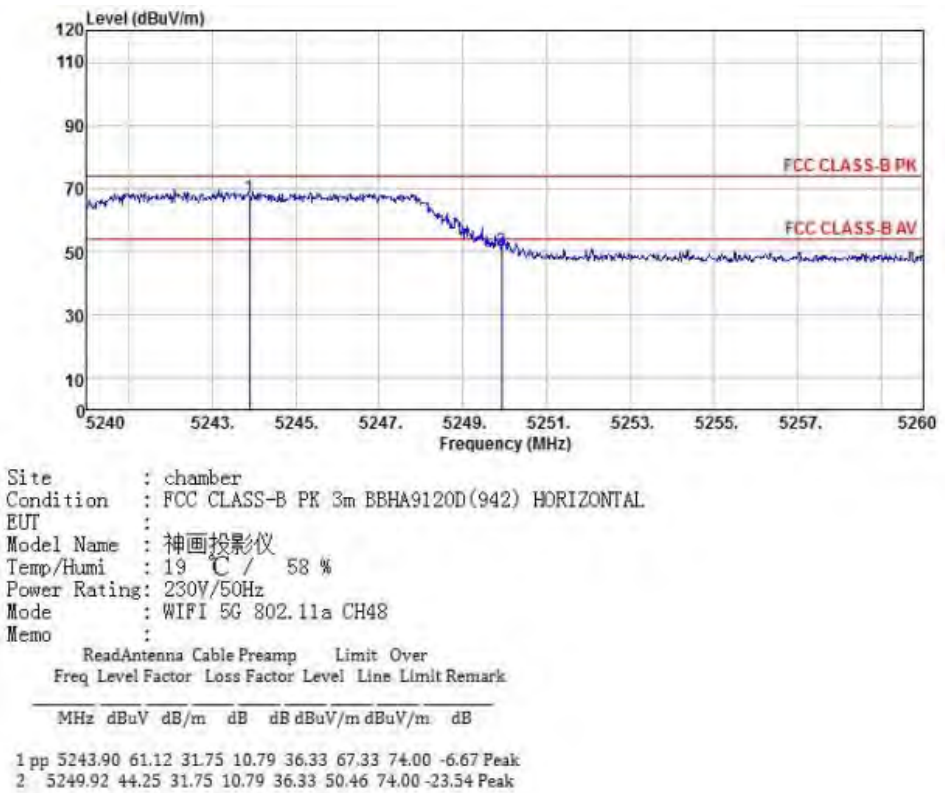
Polarity: Vertical



802.11a (Ch48)

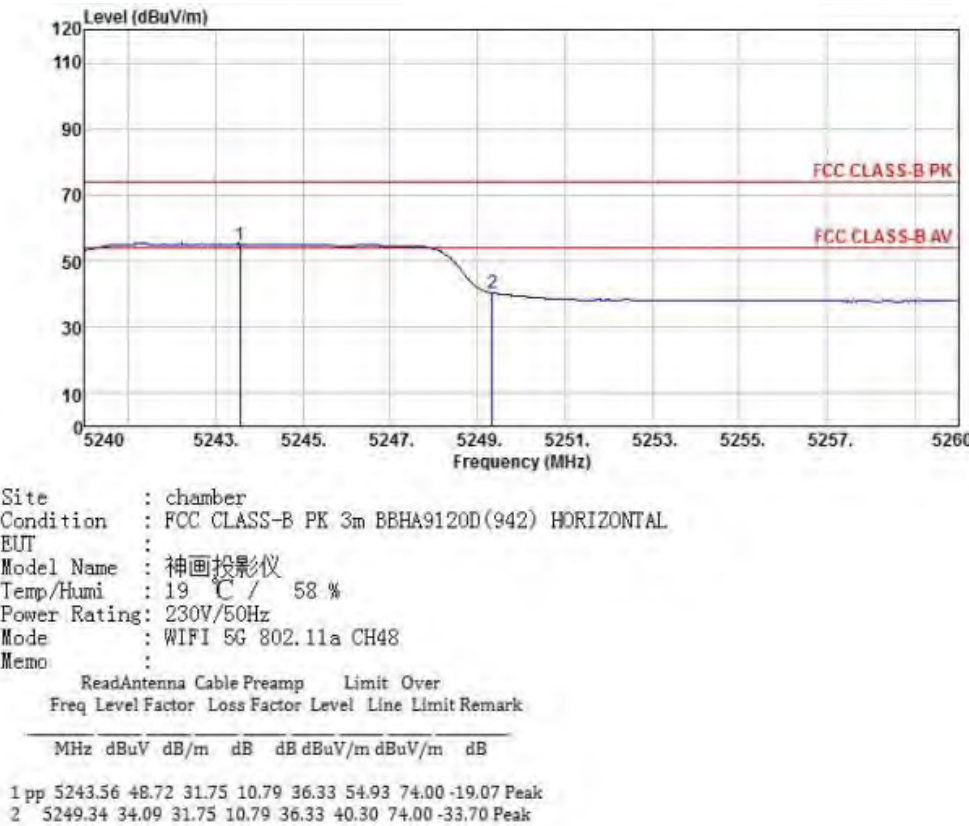
Detector mode: Peak

Polarity: Horizontal



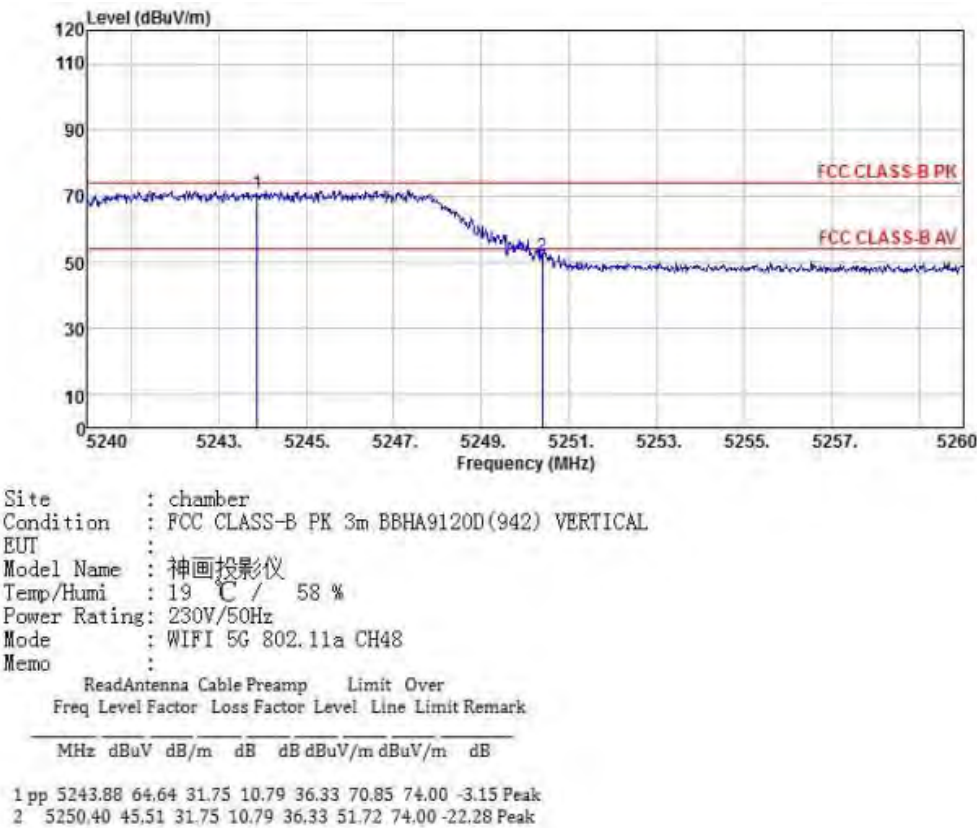
Detector mode: Average

Polarity: Horizontal



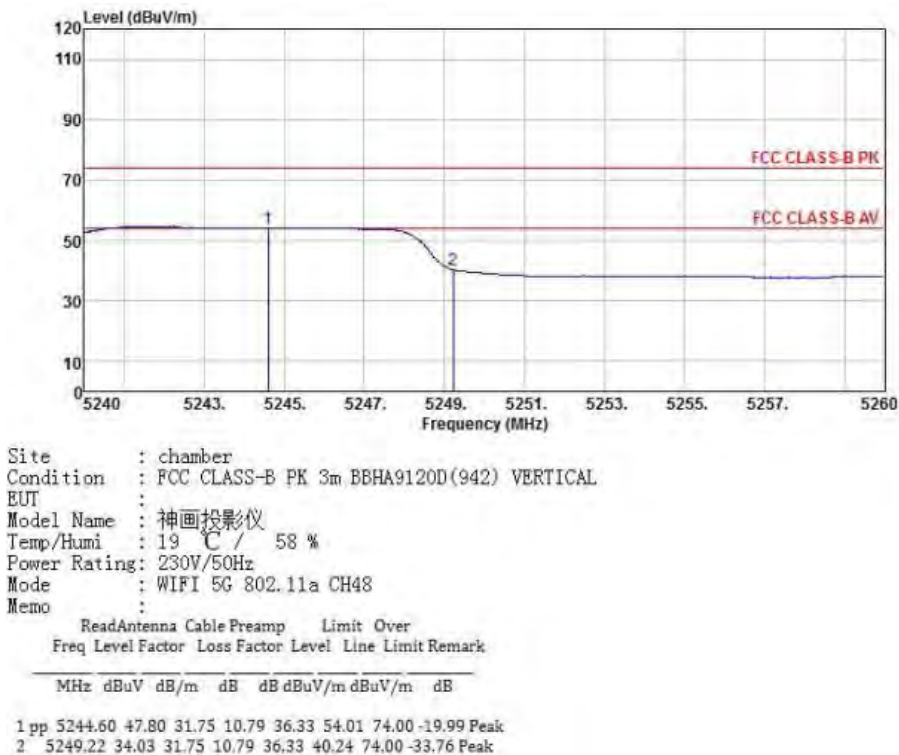
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

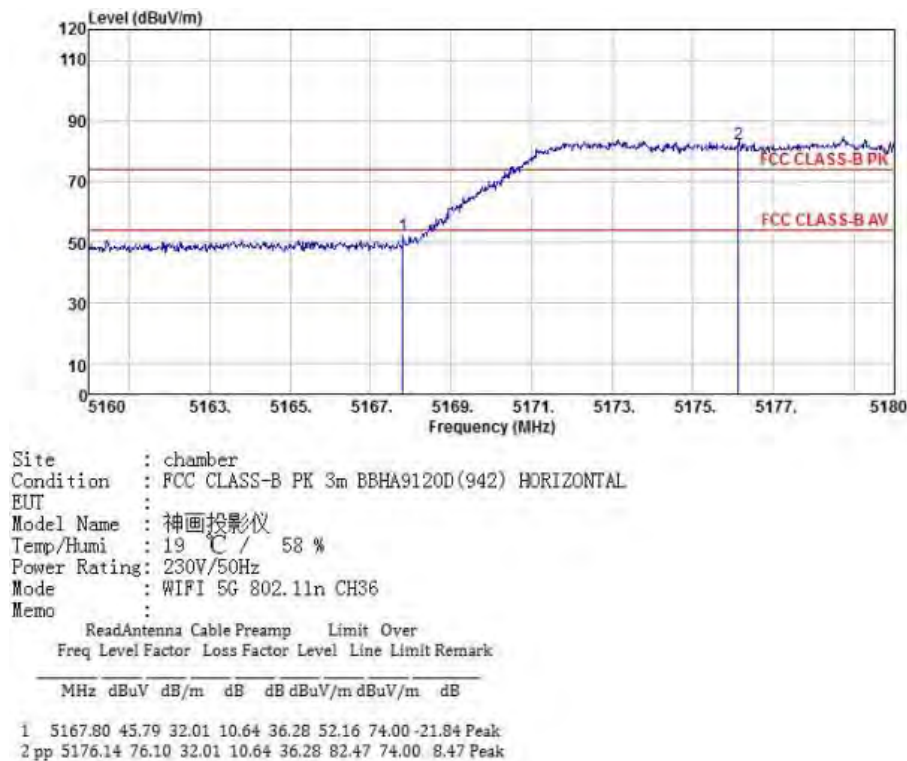
Polarity: Vertical



802.11n20 (Ch36)

Detector mode: Peak

Polarity: Horizontal



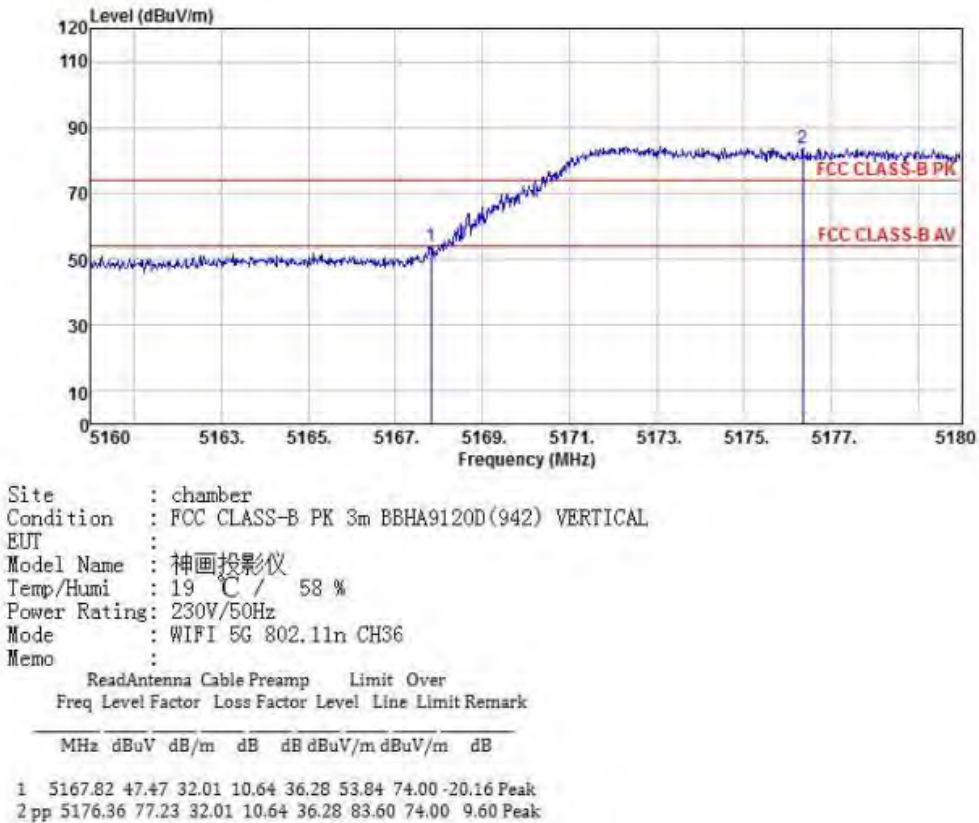
Detector mode: Average

Polarity: Horizontal



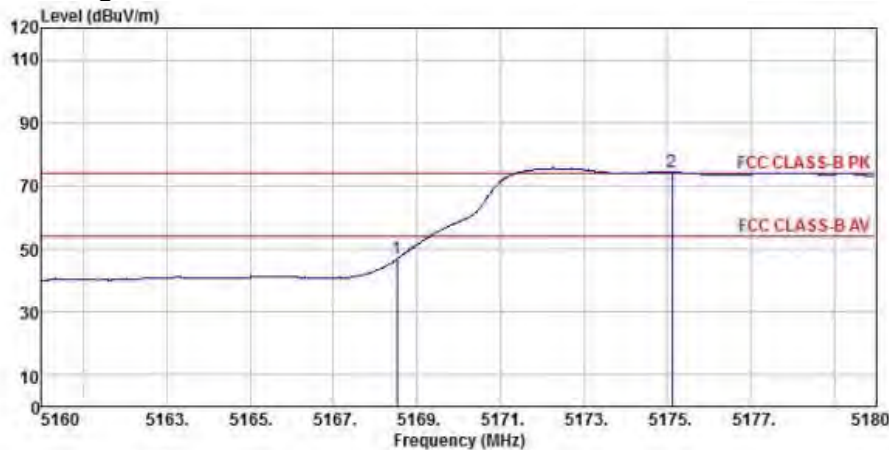
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n CH36
Memo :

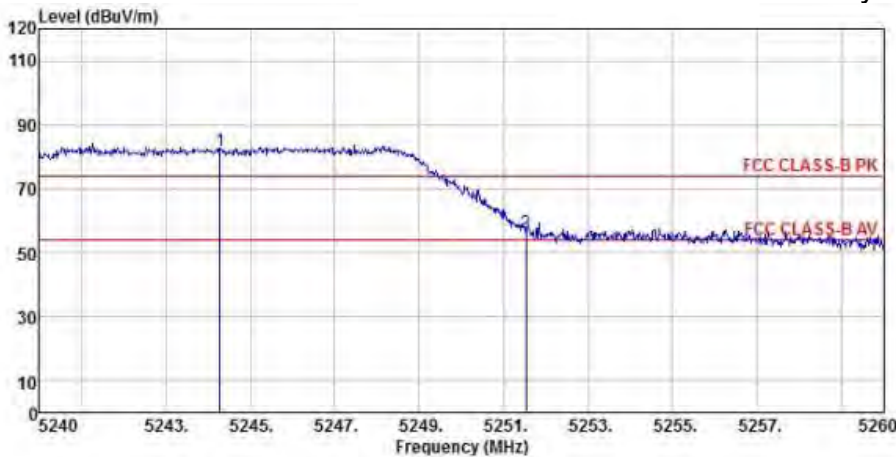
ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss Factor	Level	Line	Limit	Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5168.52	40.40	32.01	10.64	36.28	46.77	74.00 -27.23 Peak
2	5175.12	67.94	32.01	10.64	36.28	74.31	74.00 0.31 Peak

802.11n20 (Ch48)

Detector mode: Peak

Polarity: Horizontal



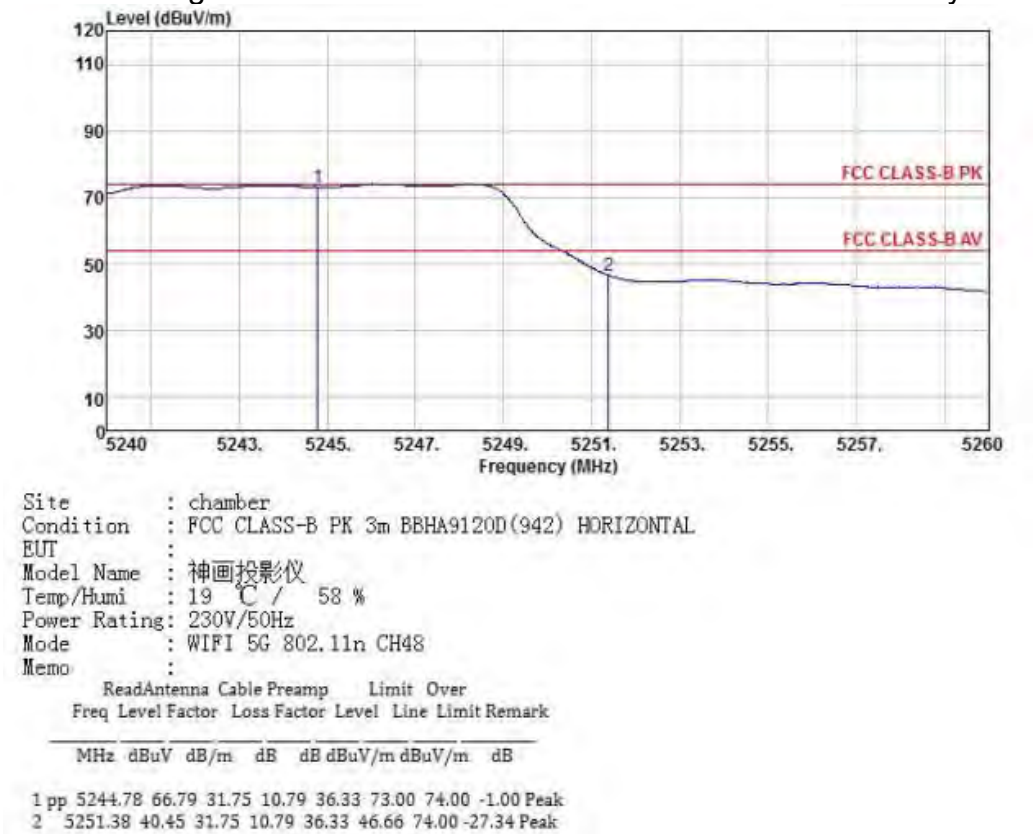
Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n CH48
Memo :

ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss Factor	Level	Line	Limit	Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5244.28	75.89	31.75	10.79	36.33	82.10	74.00 8.10 Peak
2	5251.54	49.87	31.75	10.79	36.33	56.08	74.00 -17.92 Peak

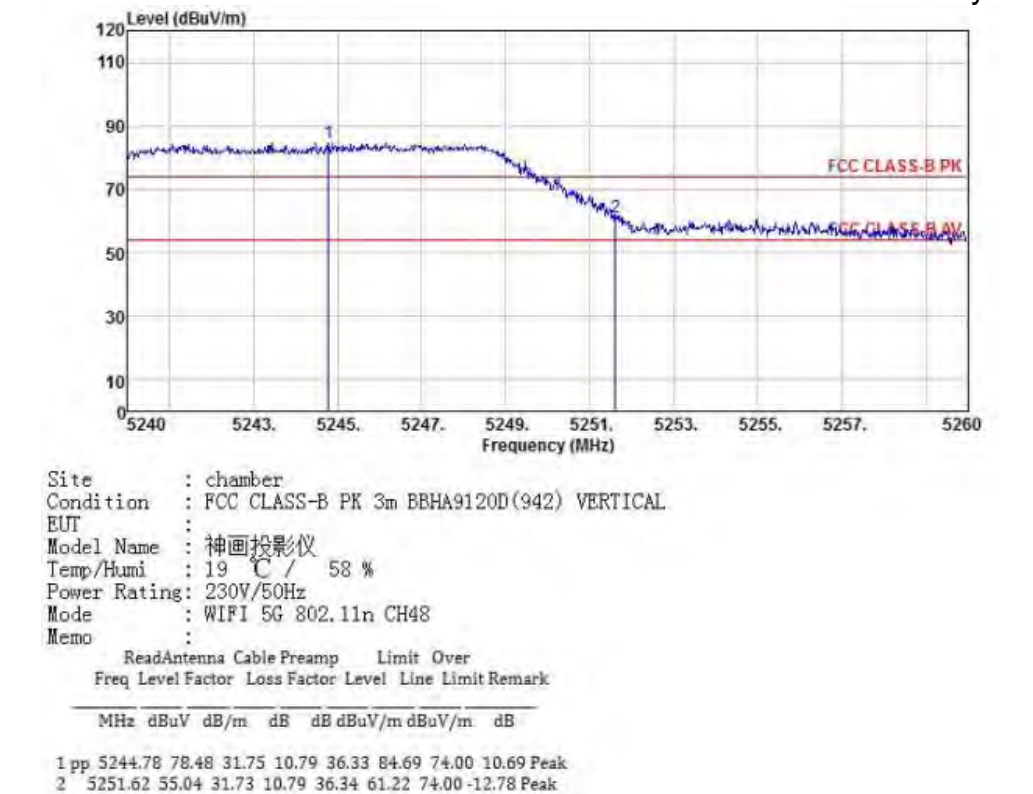
Detector mode: Average

Polarity: Horizontal



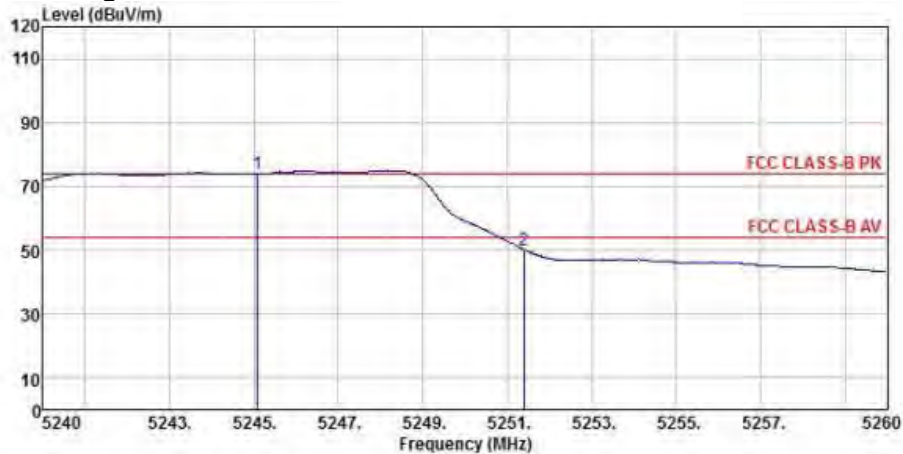
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n CH48
Memo :

ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark

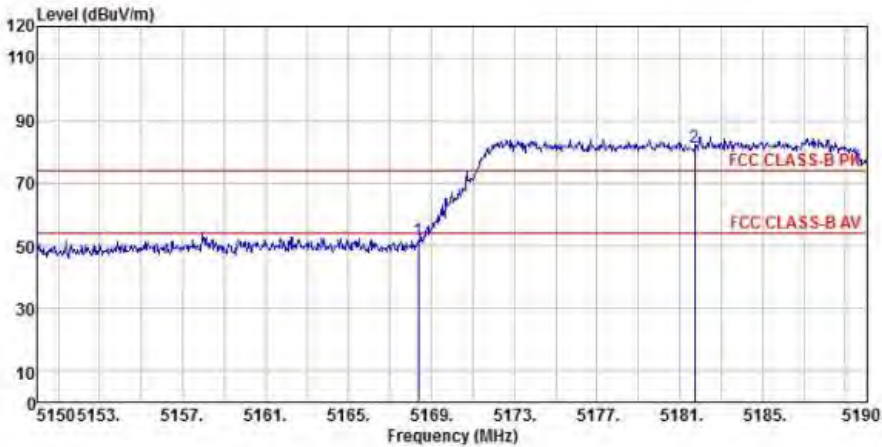
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
-----	------	------	----	----	--------	--------	----

1 pp	5245.08	67.66	31.75	10.79	36.33	73.87	74.00	-0.13 Peak
2	5251.40	43.93	31.75	10.79	36.33	50.14	74.00	-23.86 Peak

802.11n40 (Ch38)

Detector mode: Peak

Polarity: Horizontal



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n 40M CH38
Memo :

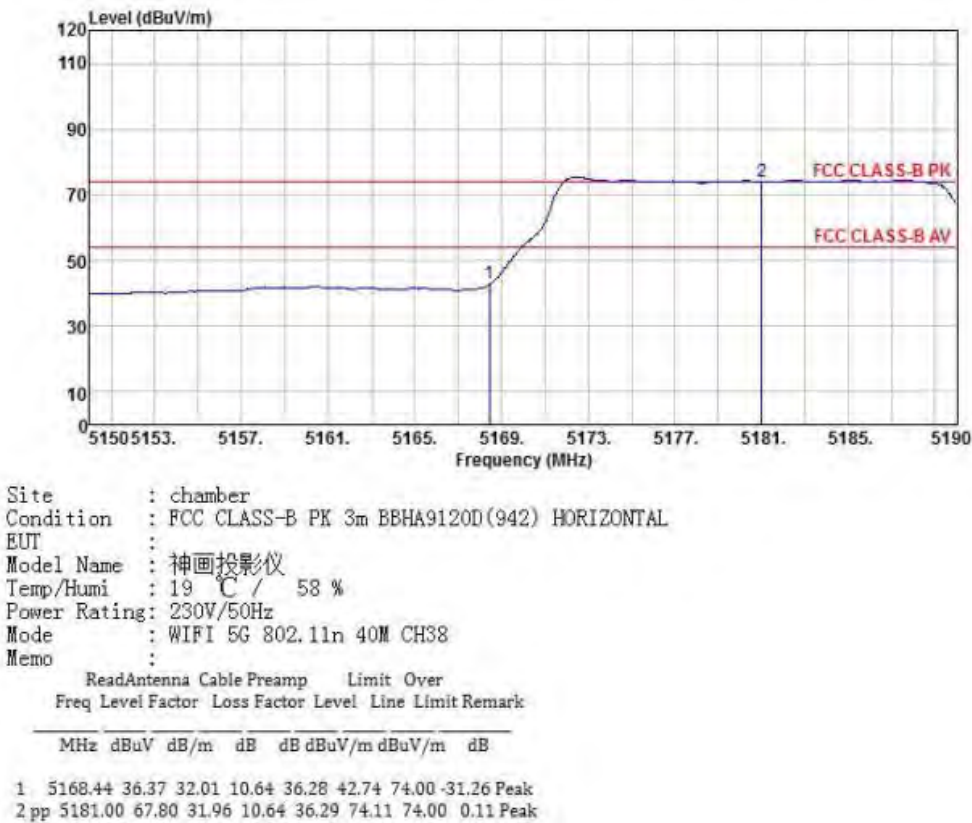
ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
-----	------	------	----	----	--------	--------	----

1	5168.36	45.41	32.01	10.64	36.28	51.78	74.00	-22.22 Peak
2 pp	5181.72	75.27	31.96	10.64	36.29	81.58	74.00	7.58 Peak

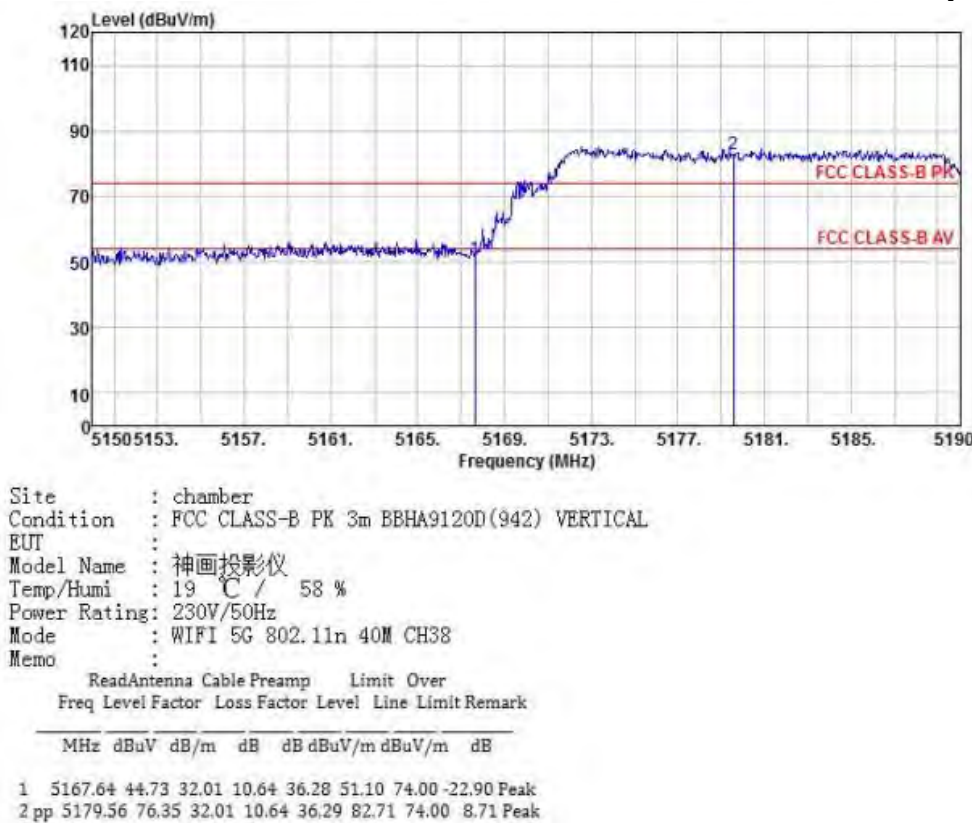
Detector mode: Average

Polarity: Horizontal



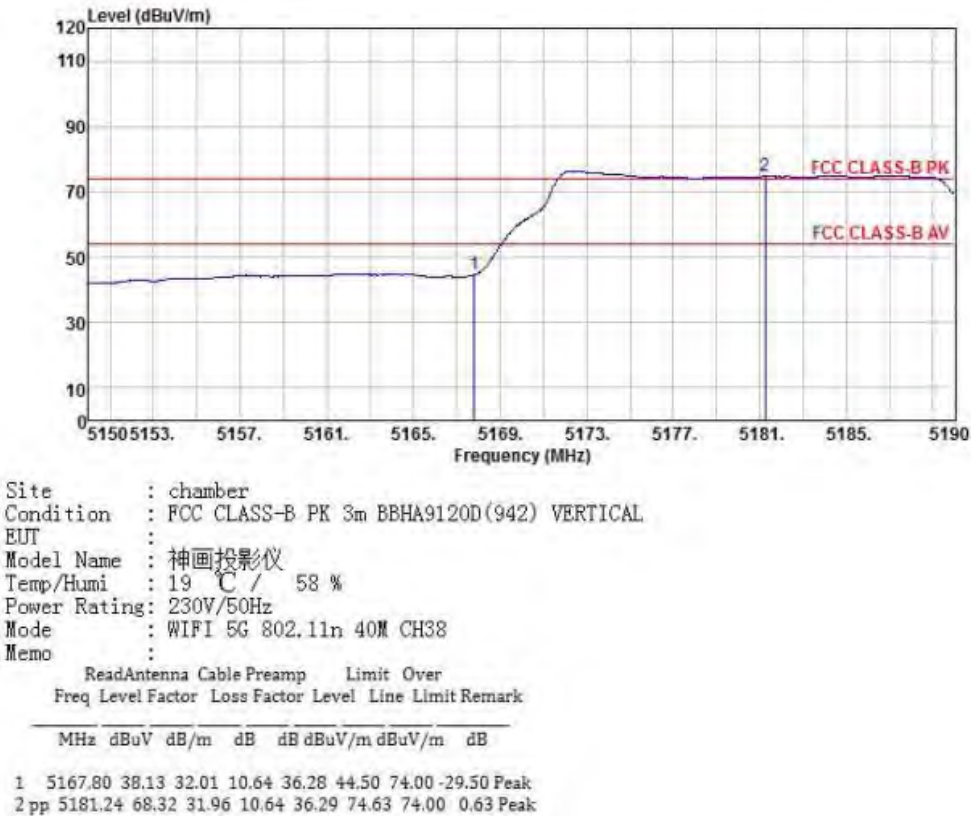
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

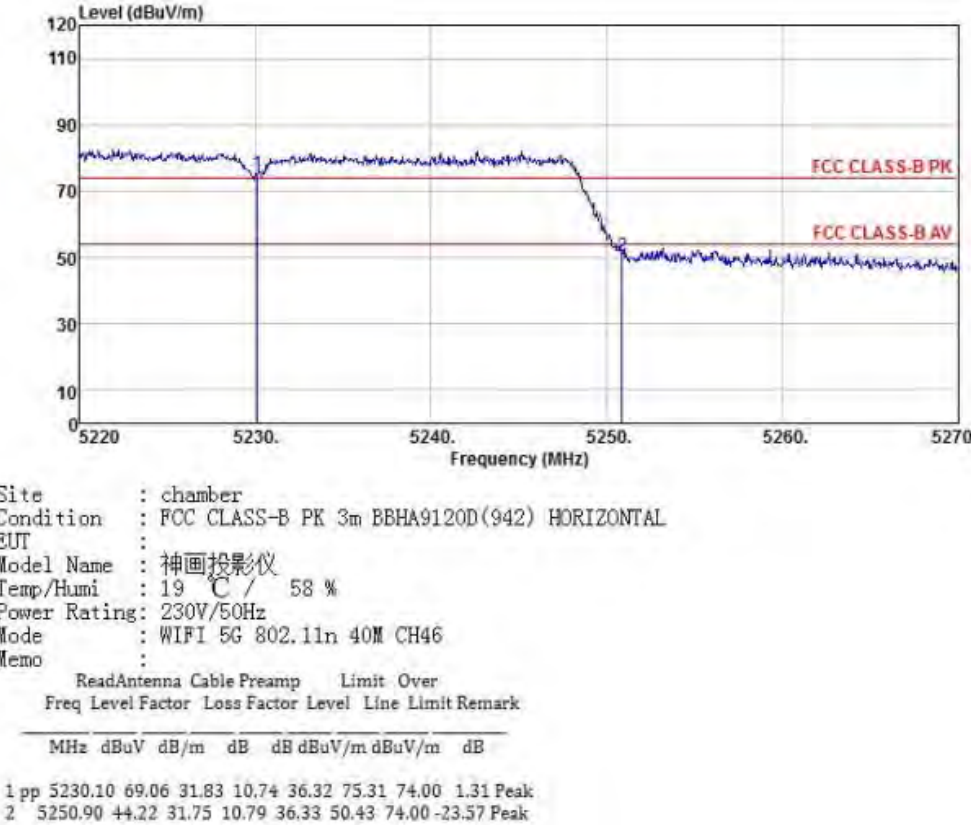
Polarity: Vertical



802.11n40 (Ch46)

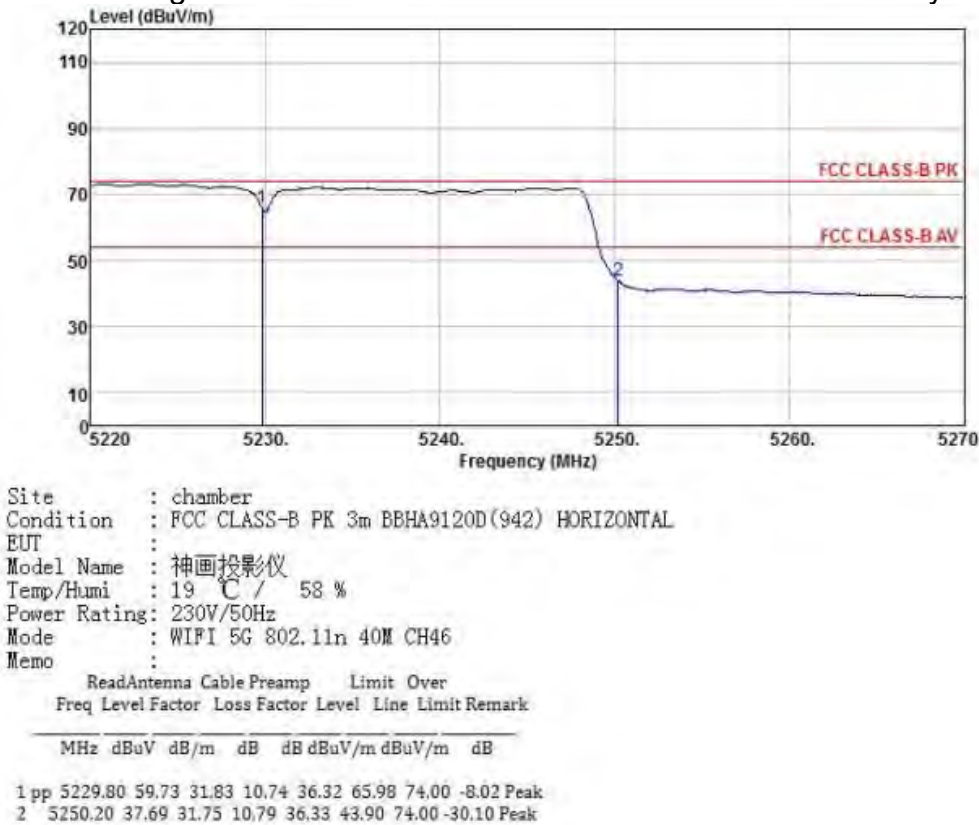
Detector mode: Peak

Polarity: Horizontal



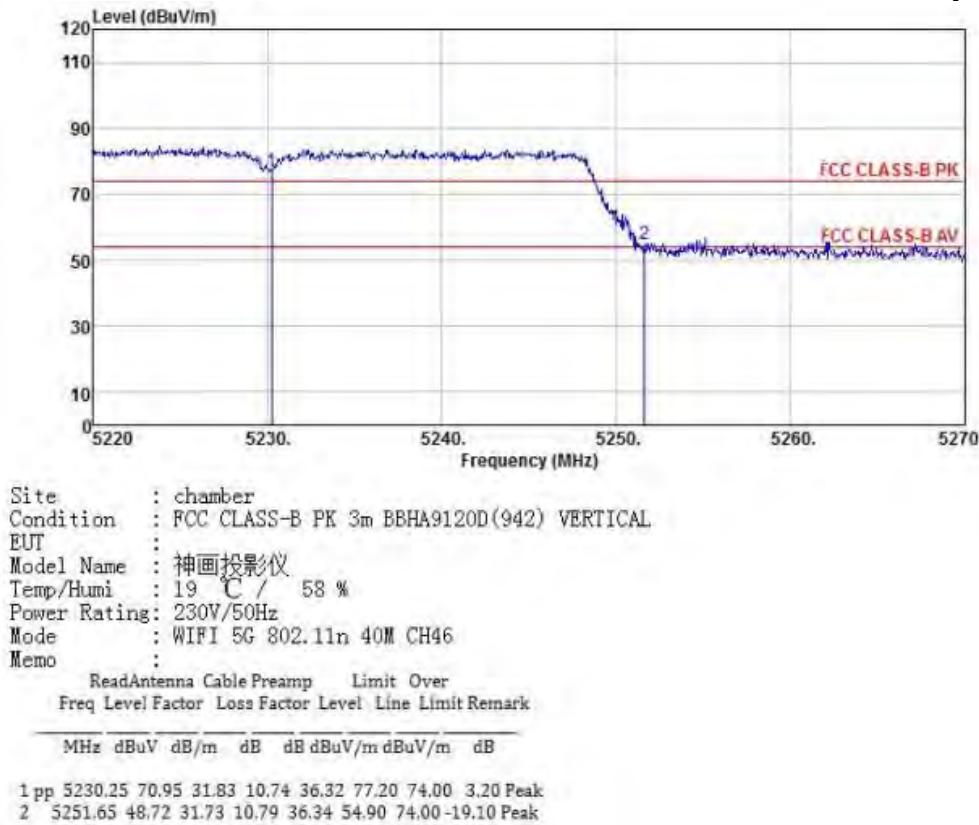
Detector mode: Average

Polarity: Horizontal



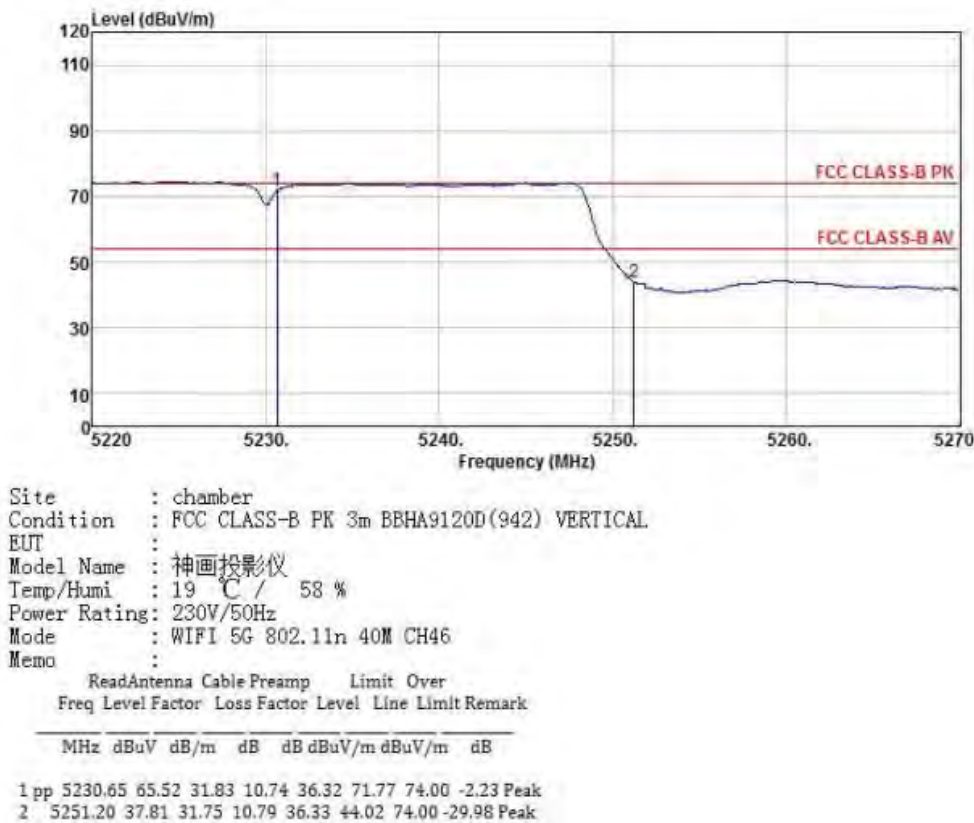
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

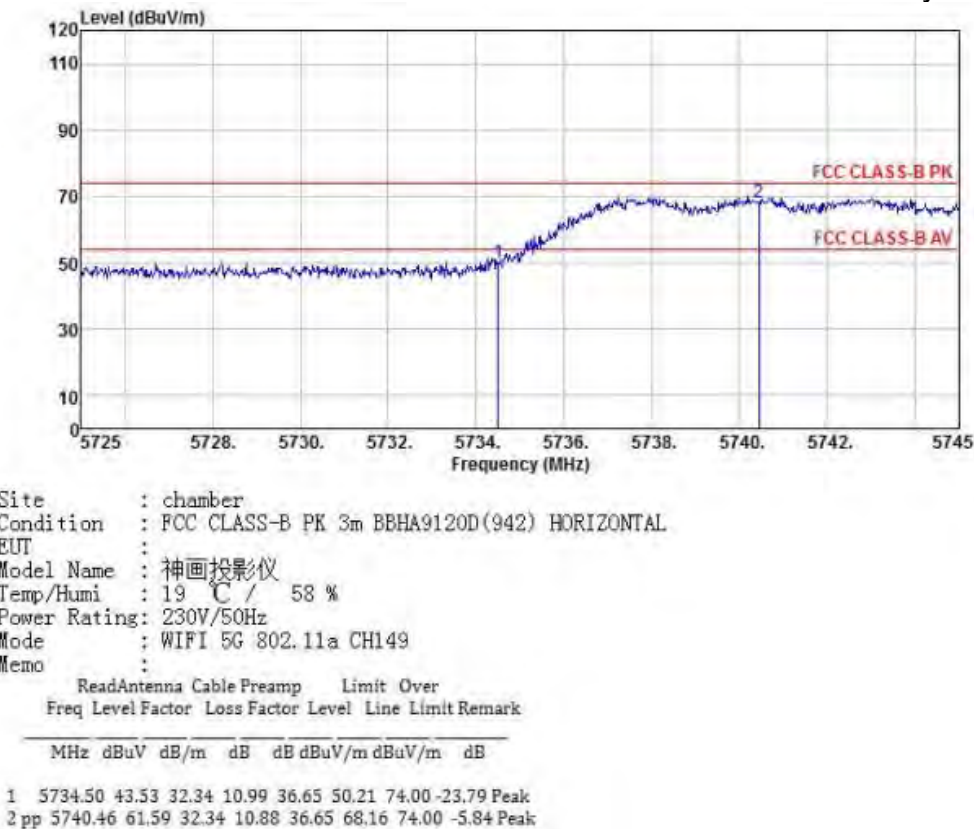


WIFI 5G(5725MHz-5850MHz)

802.11a (Ch149)

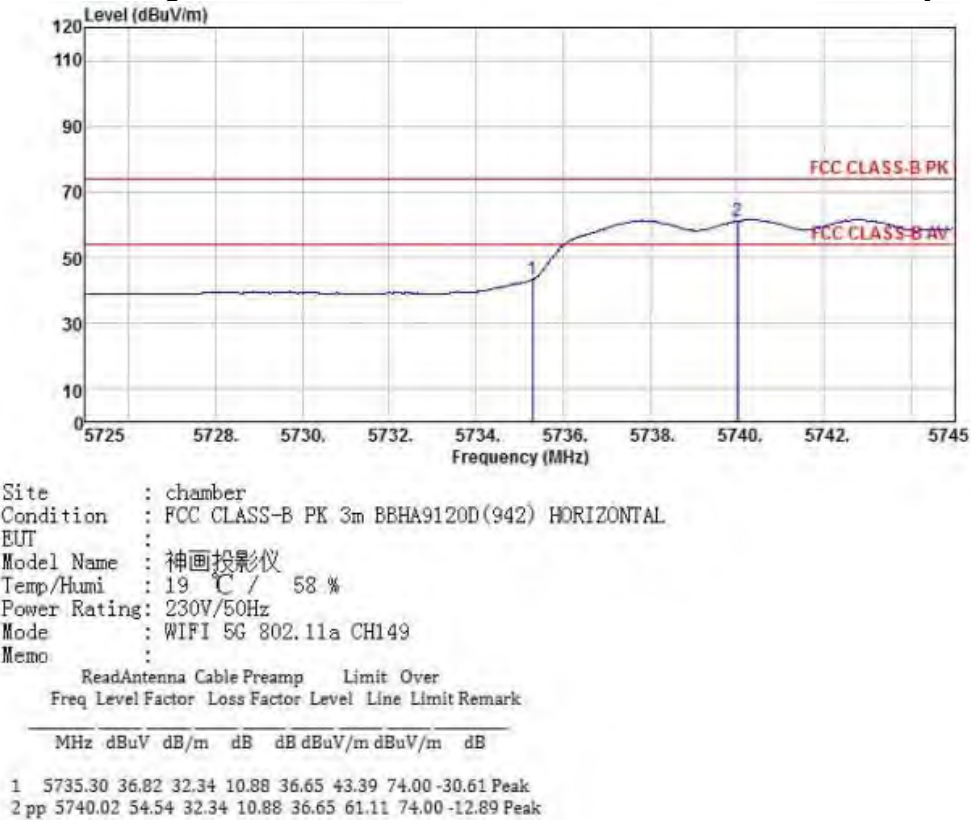
Detector mode: Peak

Polarity: Horizontal



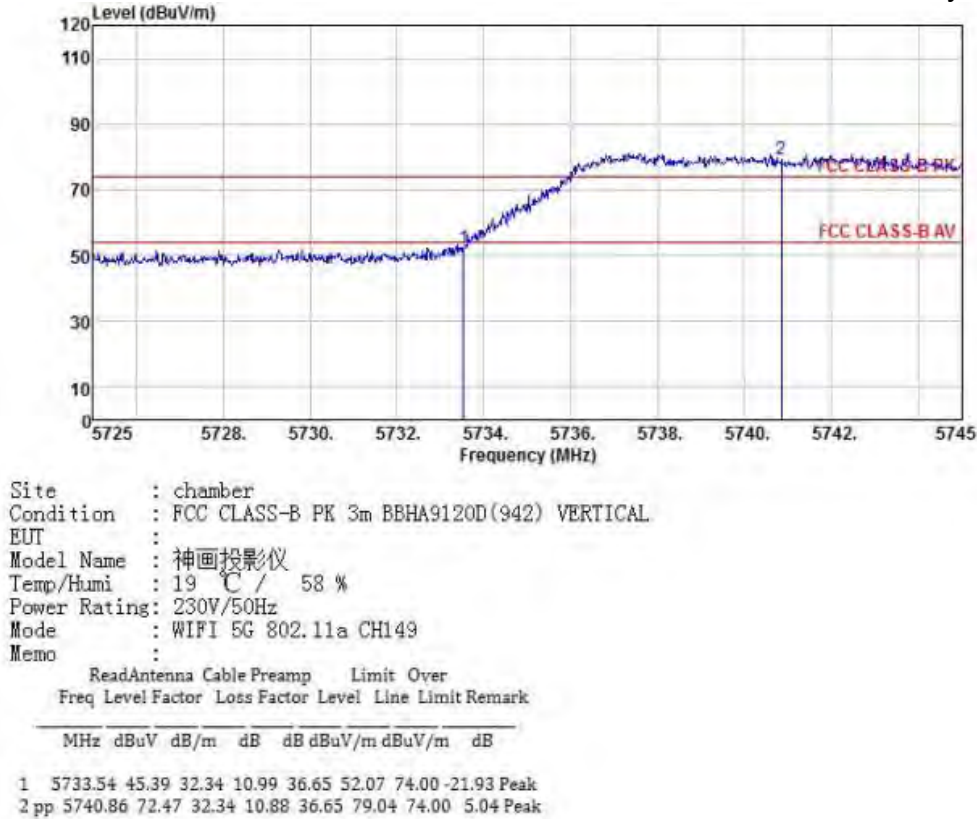
Detector mode: Average

Polarity: Horizontal



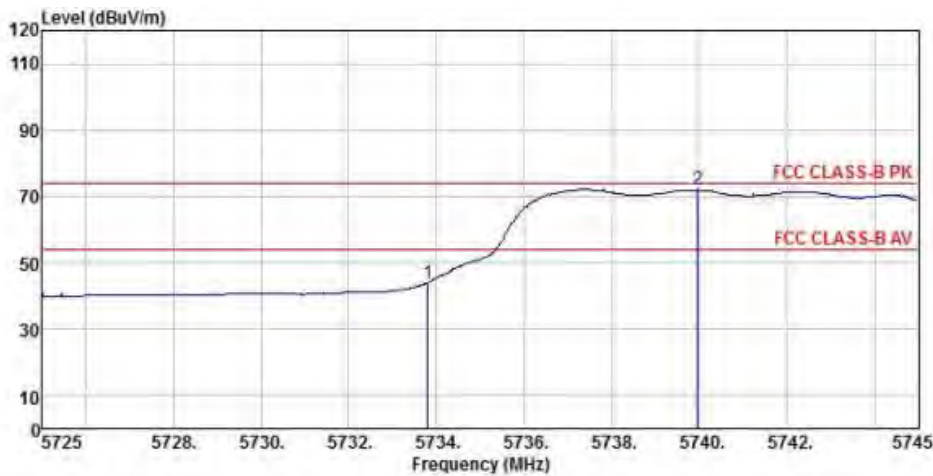
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11a CH149
Memo :

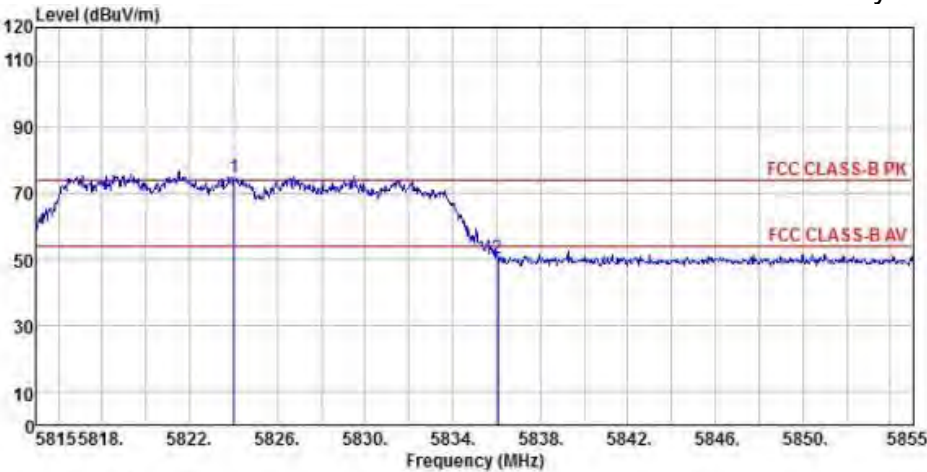
ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5733.80	37.33	32.34	10.99	36.65	44.01	74.00 -29.99 Peak
2	5739.96	65.45	32.34	10.88	36.65	72.02	74.00 -1.98 Peak

802.11a (Ch165)

Detector mode: Peak

Polarity: Horizontal



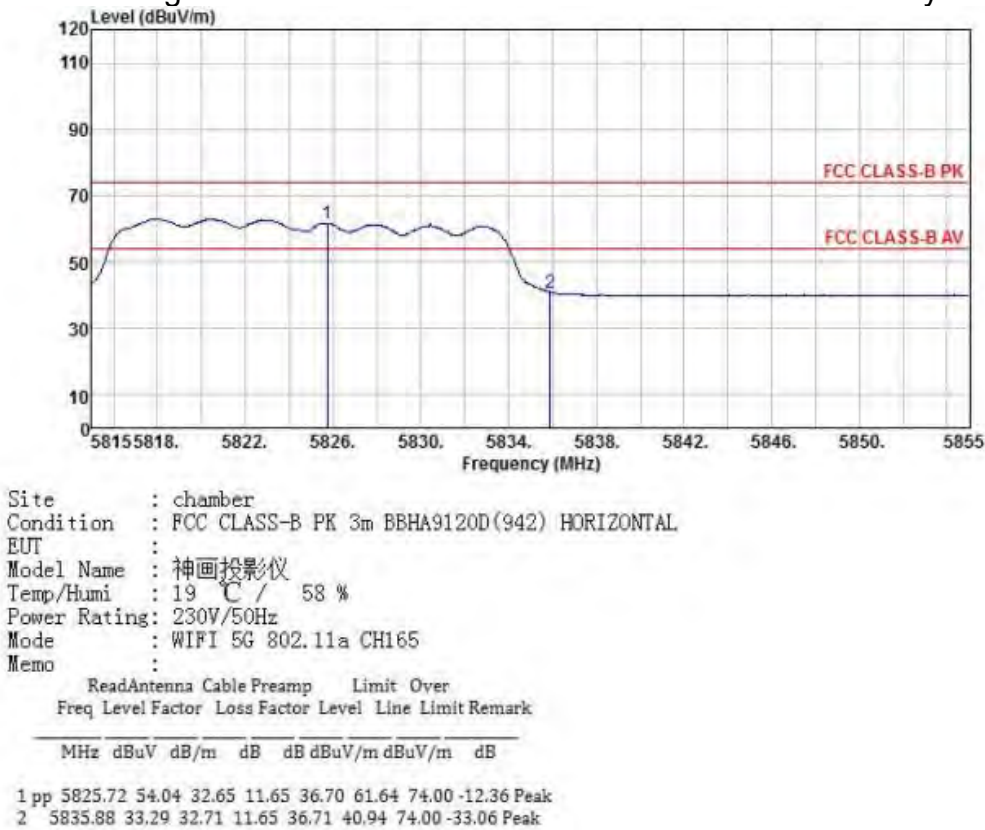
Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11a CH165
Memo :

ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5824.04	67.10	32.65	11.65	36.70	74.70	74.00 0.70 Peak
2	5836.04	42.87	32.71	11.65	36.71	50.52	74.00 -23.48 Peak

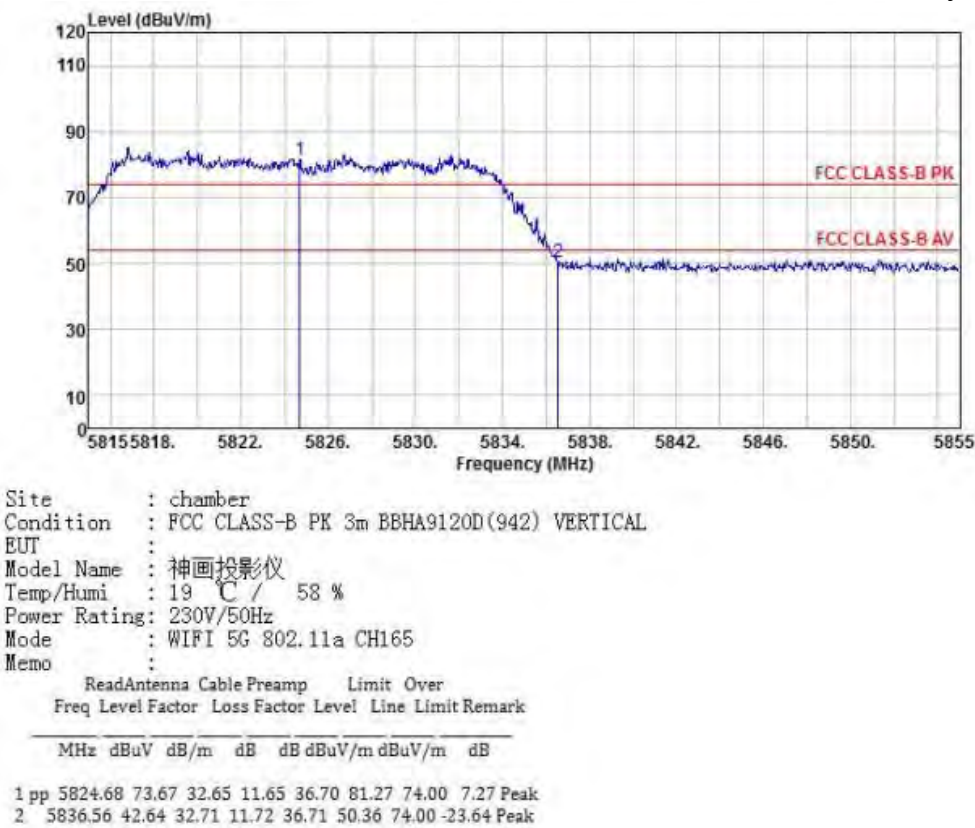
Detector mode: Average

Polarity: Horizontal



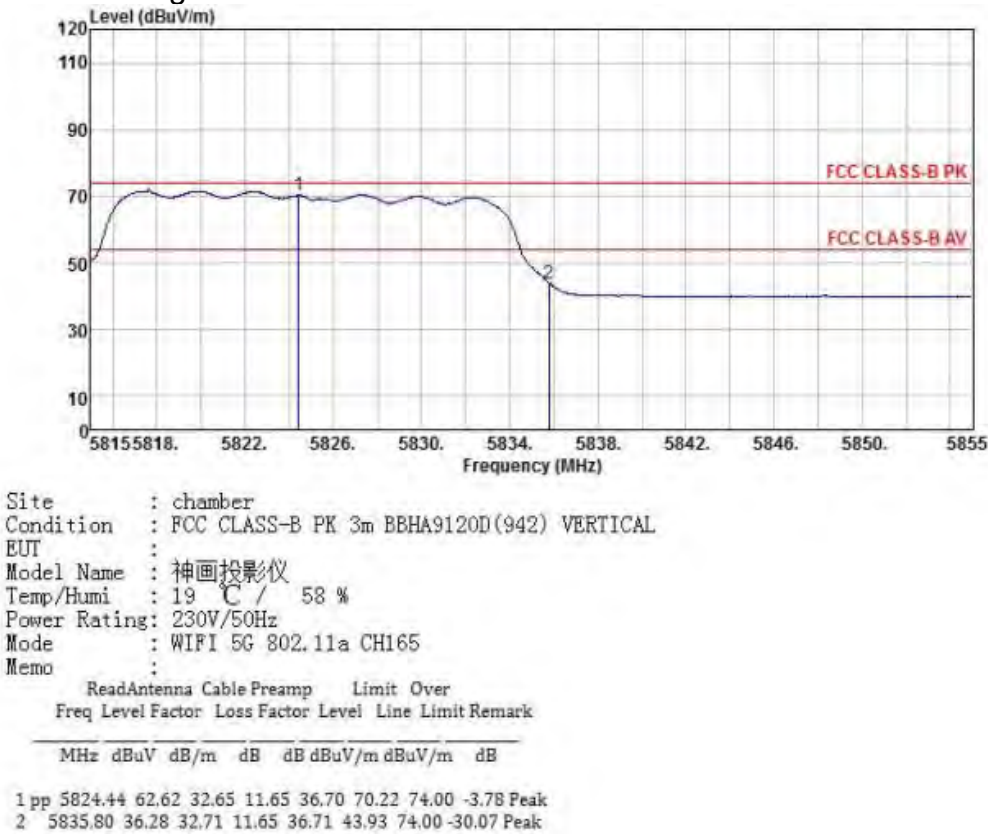
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

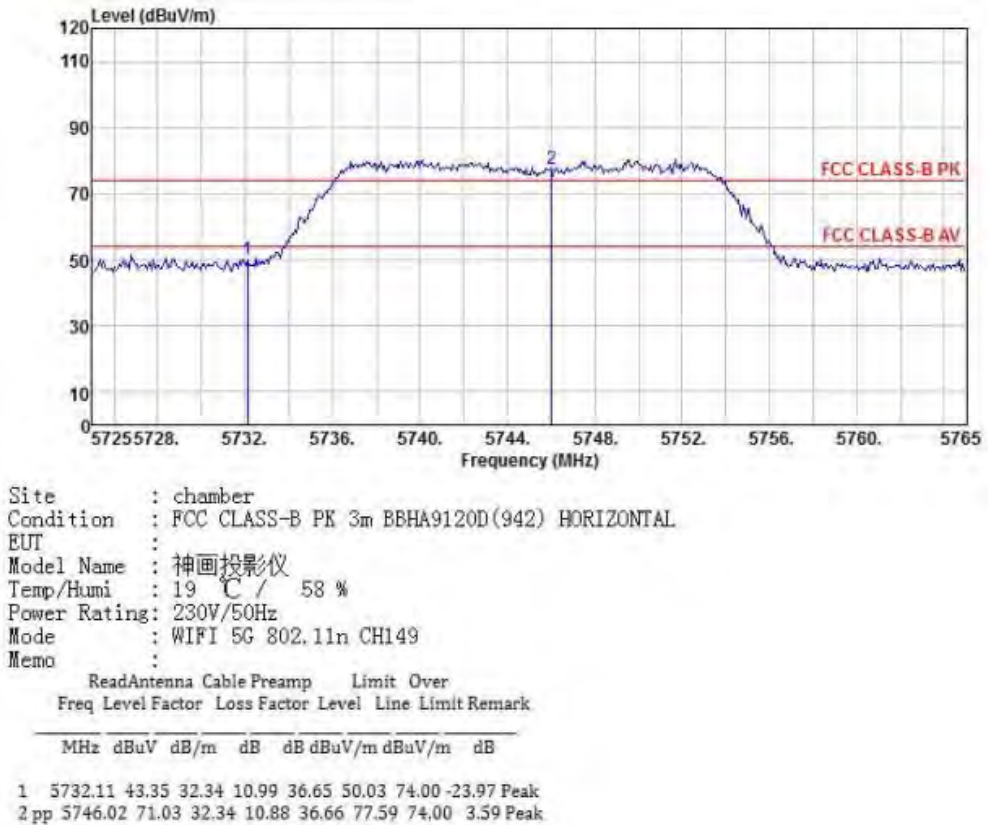
Polarity: Vertical



802.11n20 (Ch149)

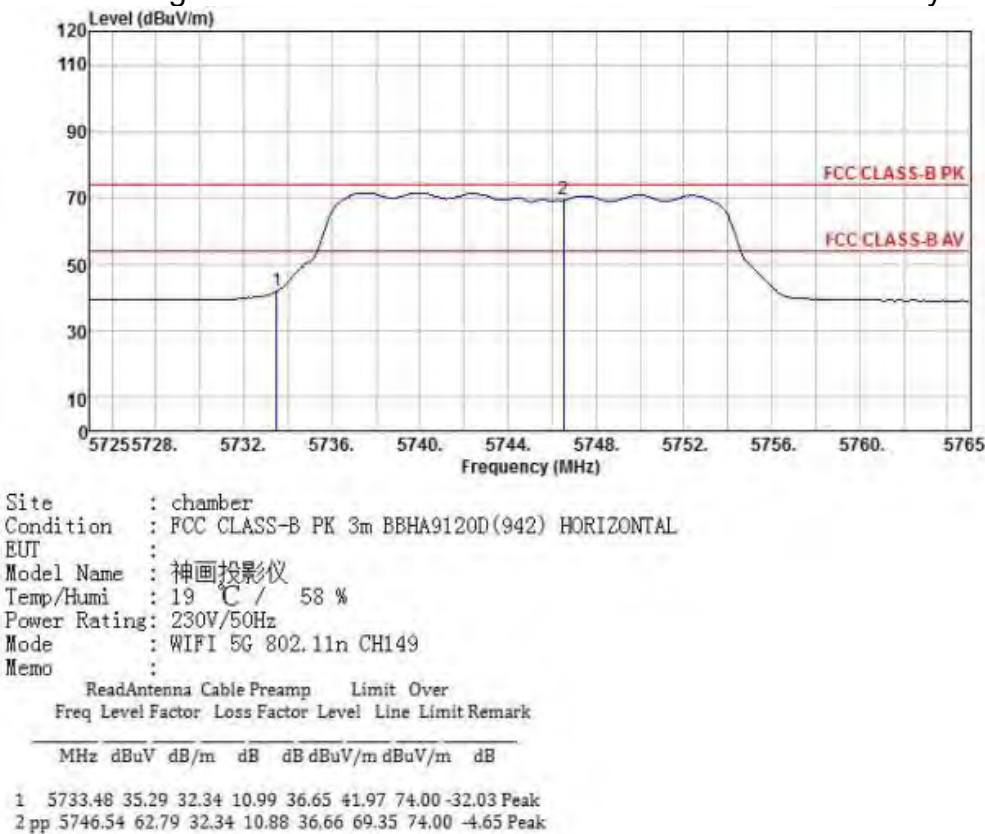
Detector mode: Peak

Polarity: Horizontal



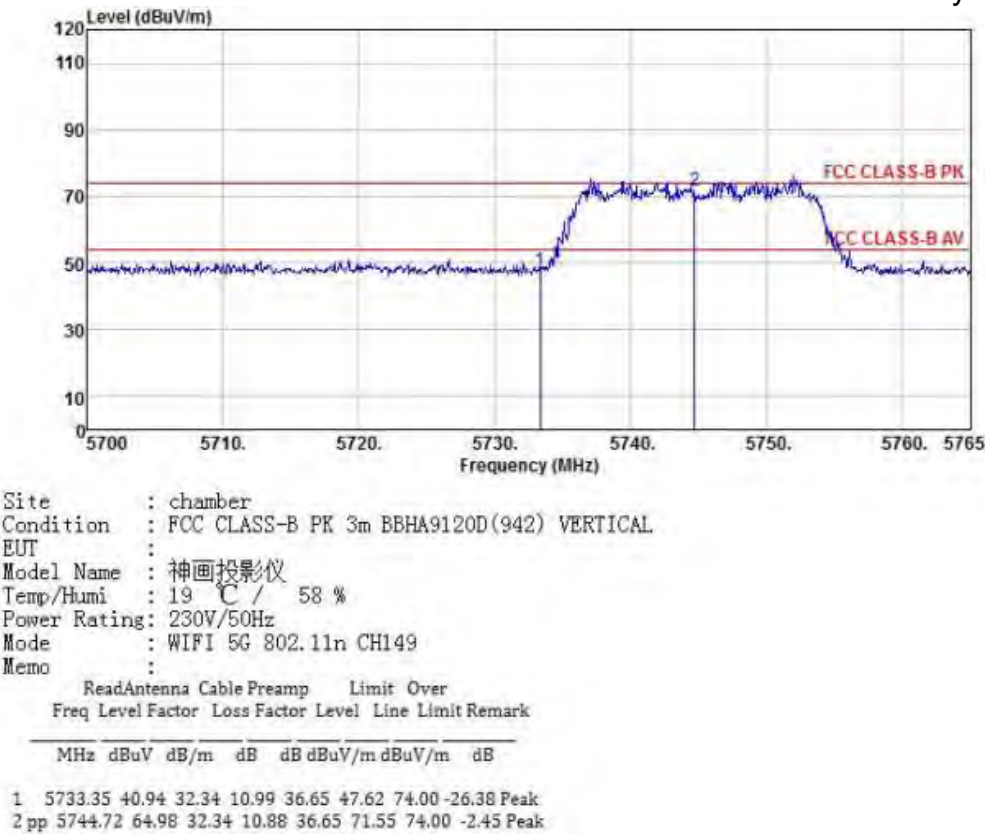
Detector mode: Average

Polarity: Horizontal



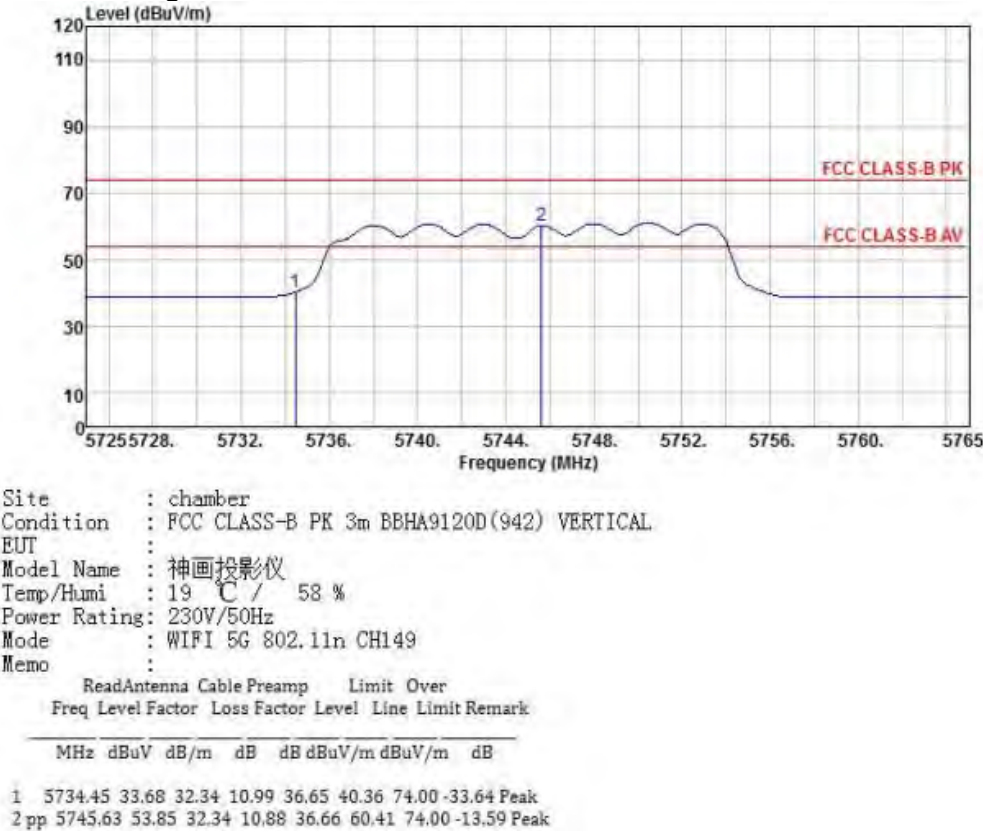
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

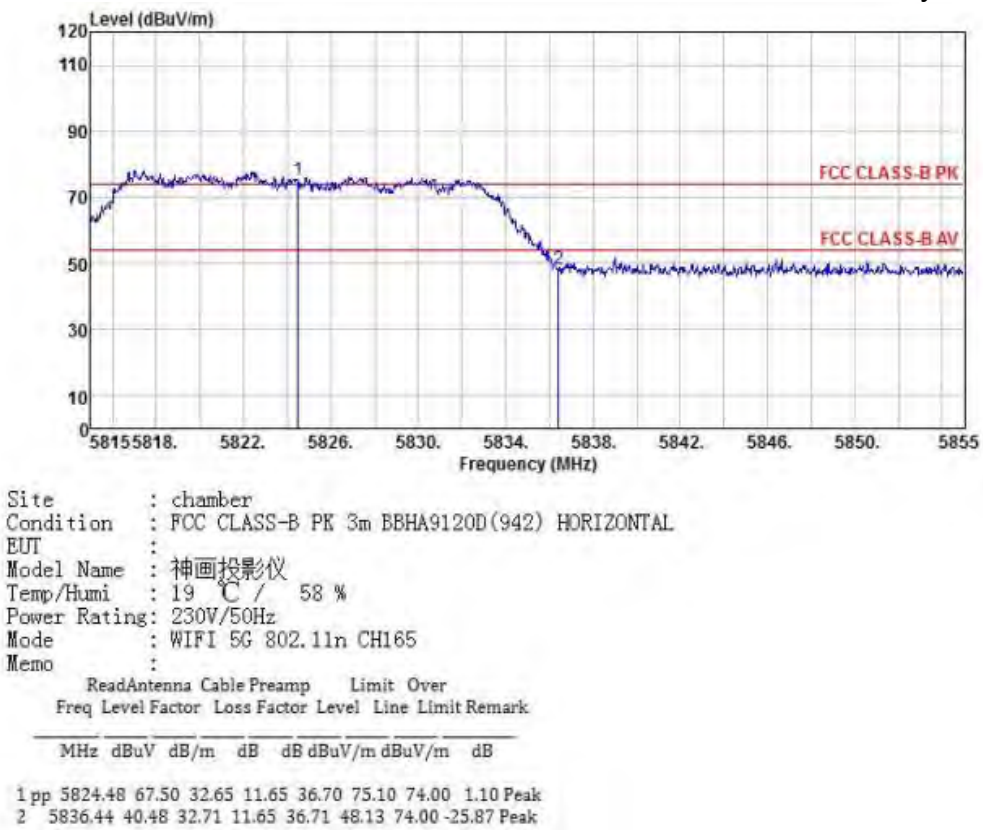
Polarity: Vertical



802.11n20 (Ch165)

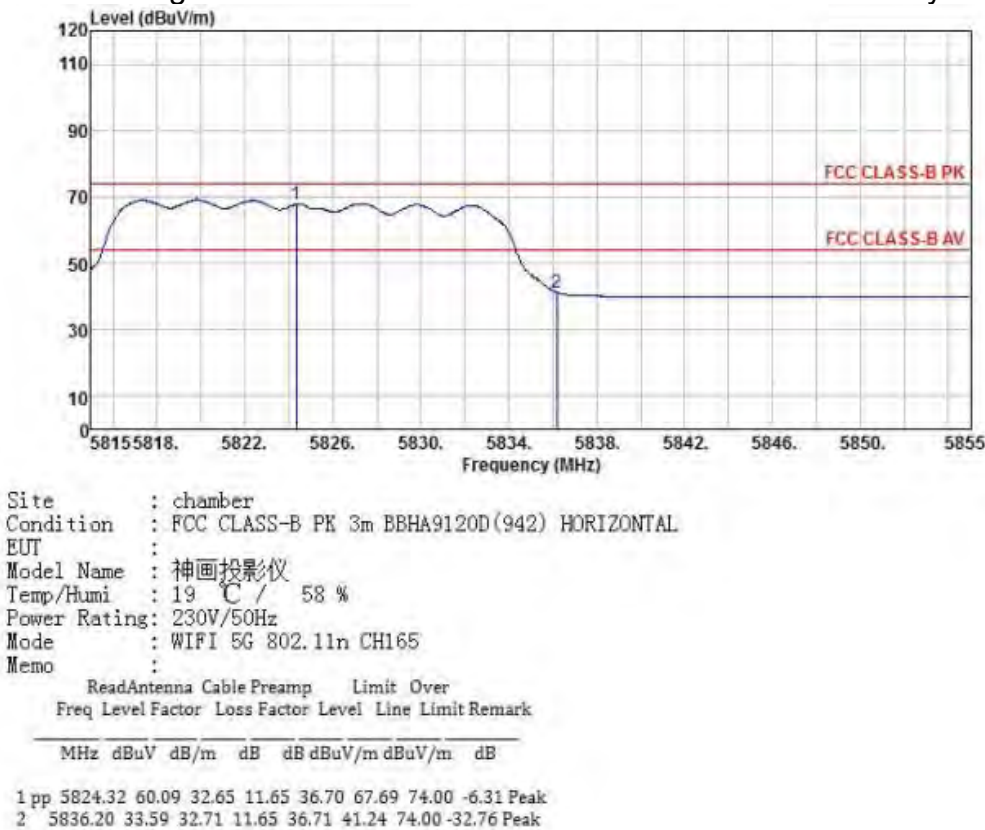
Detector mode: Peak

Polarity: Horizontal



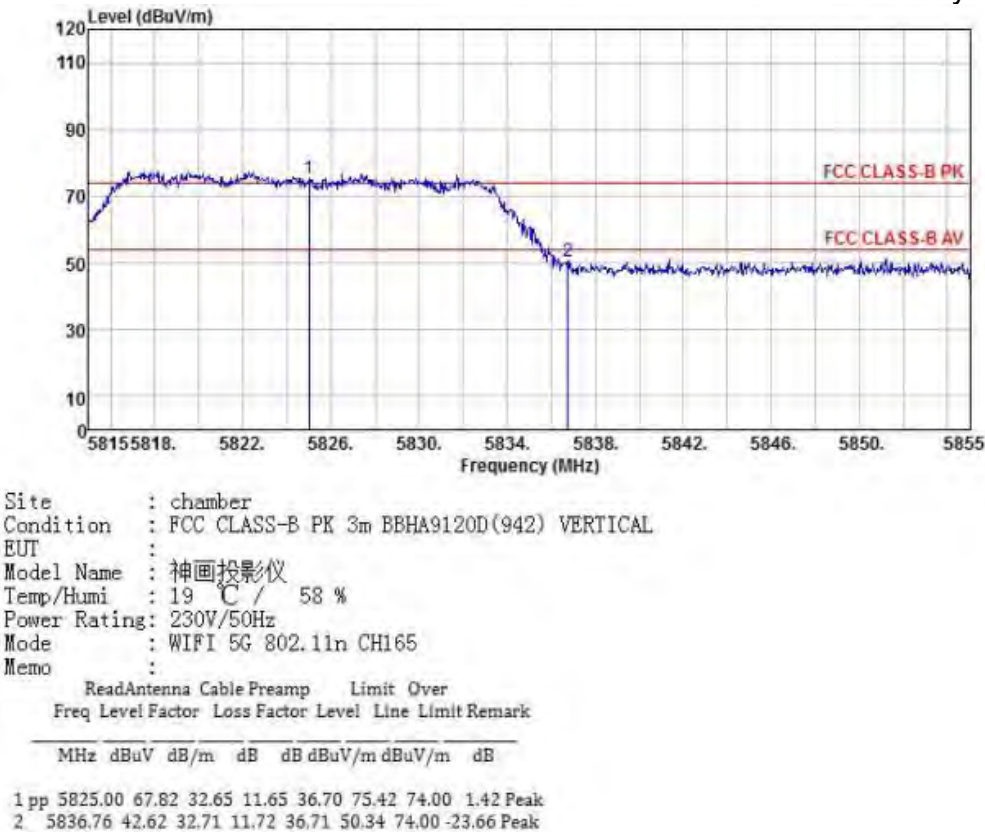
Detector mode: Average

Polarity: Horizontal



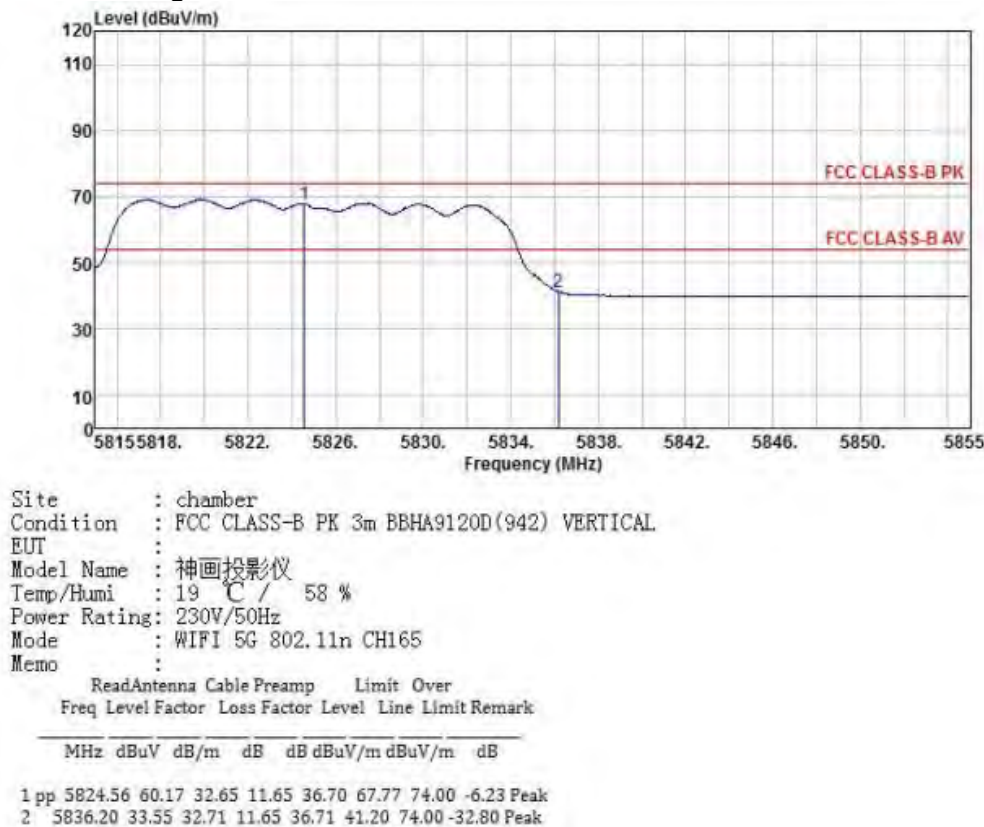
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

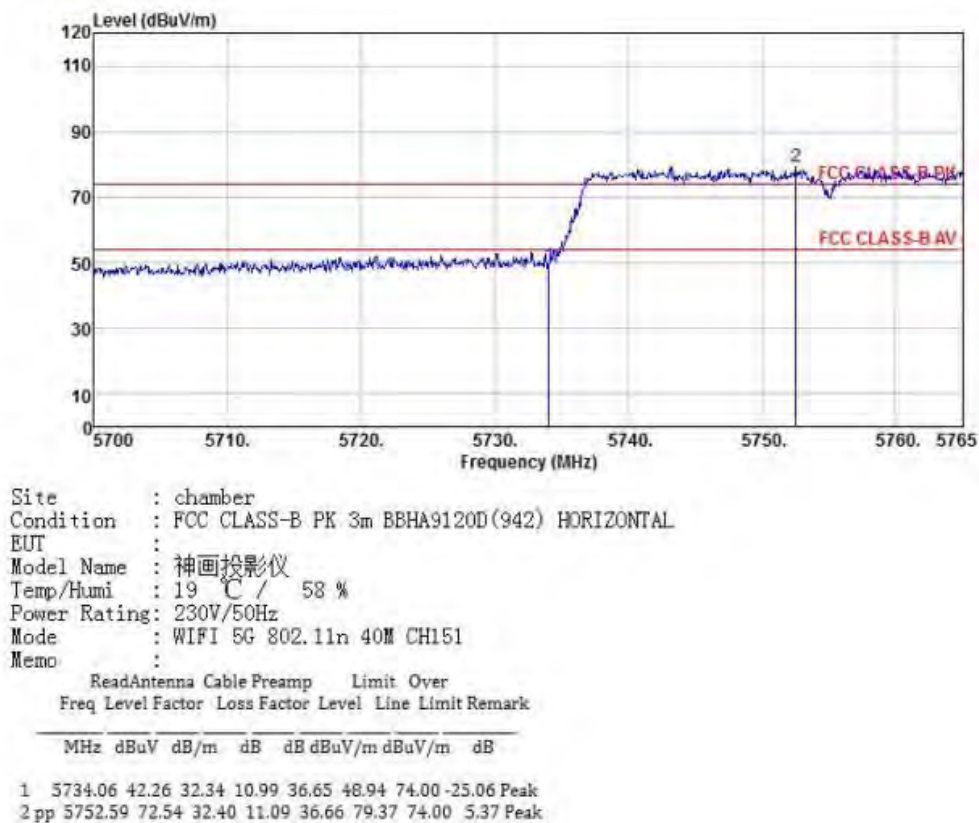
Polarity: Vertical



802.11n40 (Ch151)

Detector mode: Peak

Polarity: Horizontal



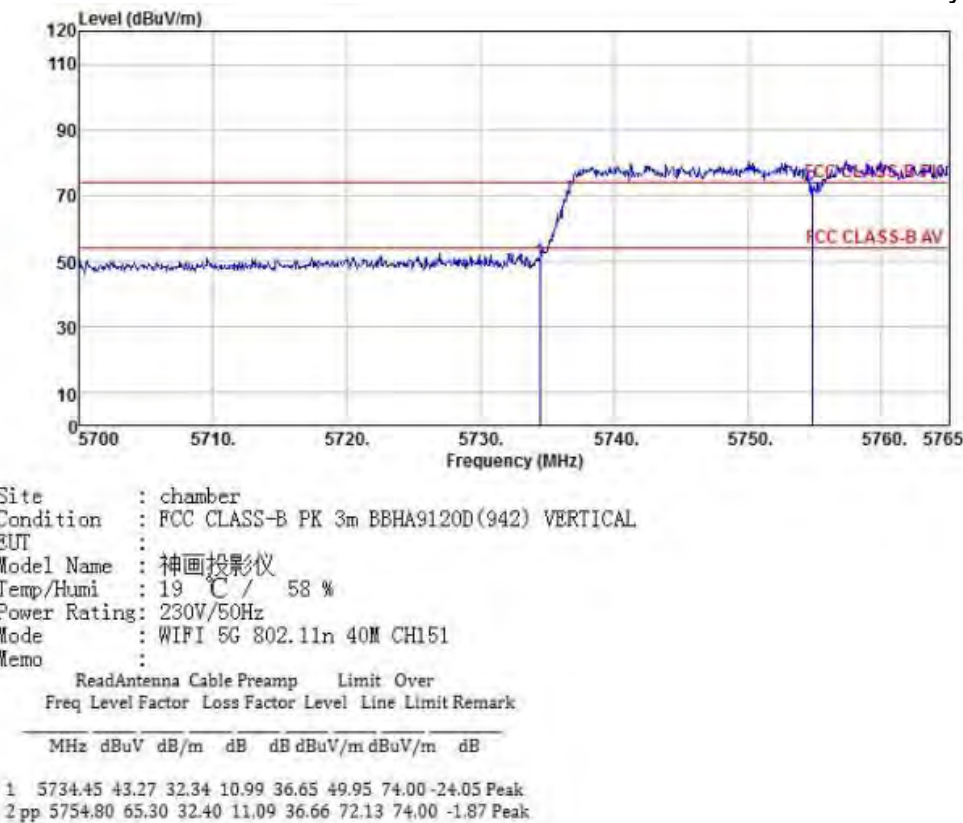
Detector mode: Average

Polarity: Horizontal



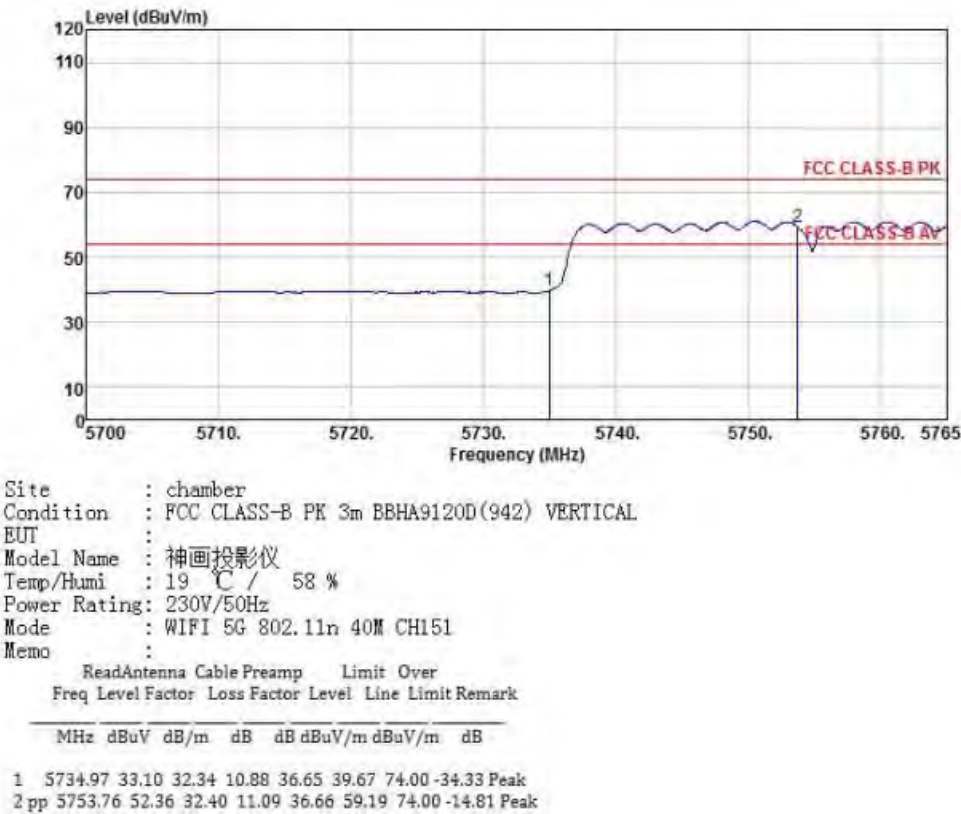
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

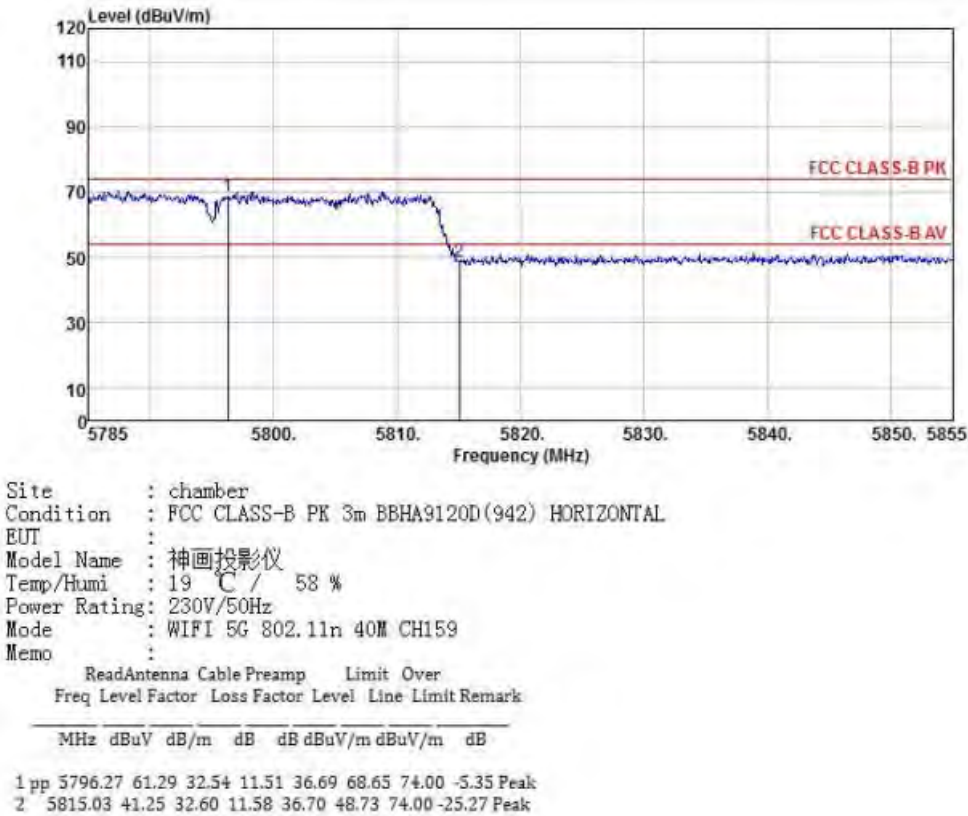
Polarity: Vertical



802.11n40 (Ch159)

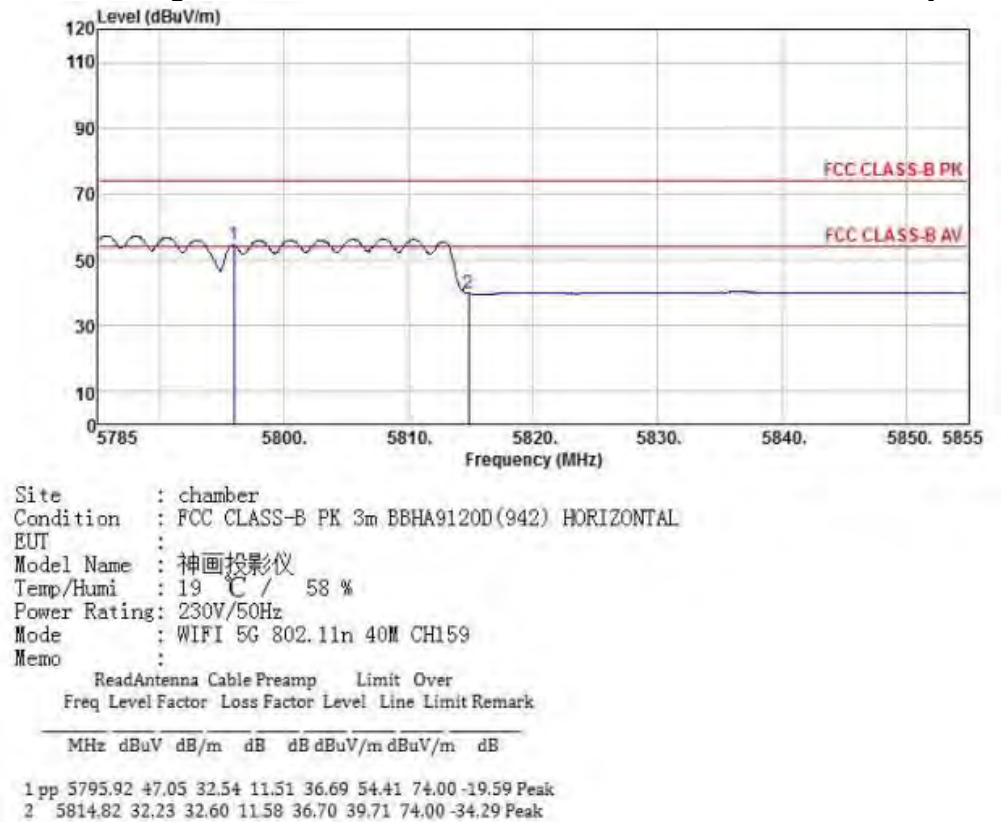
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



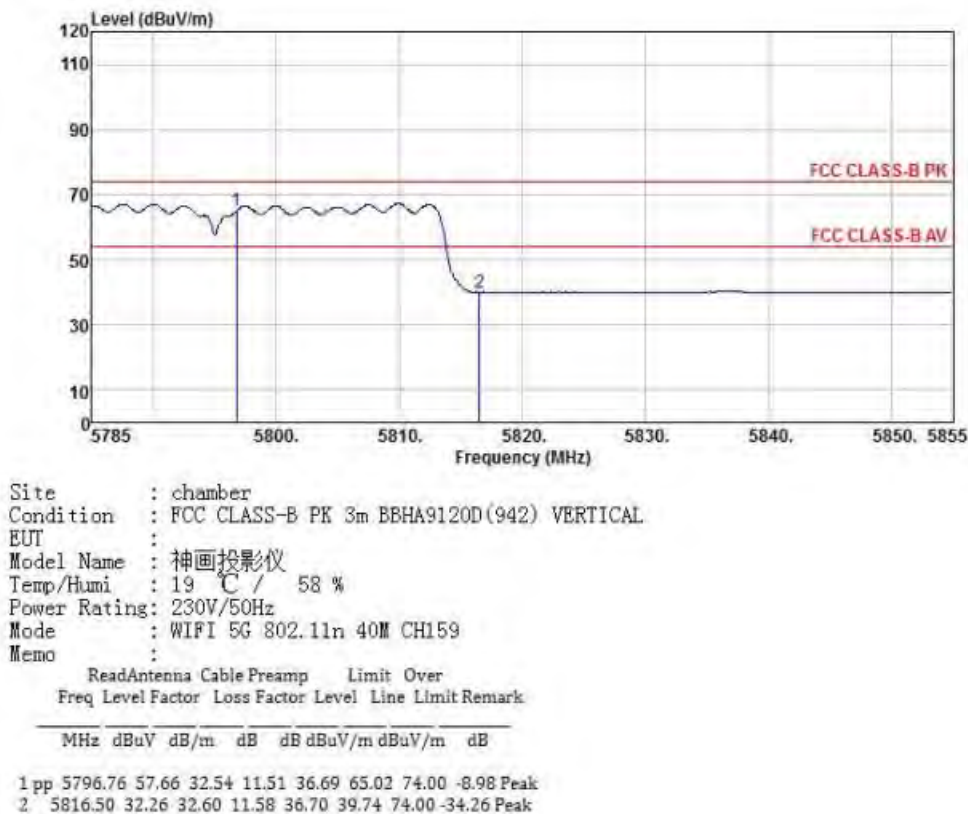
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

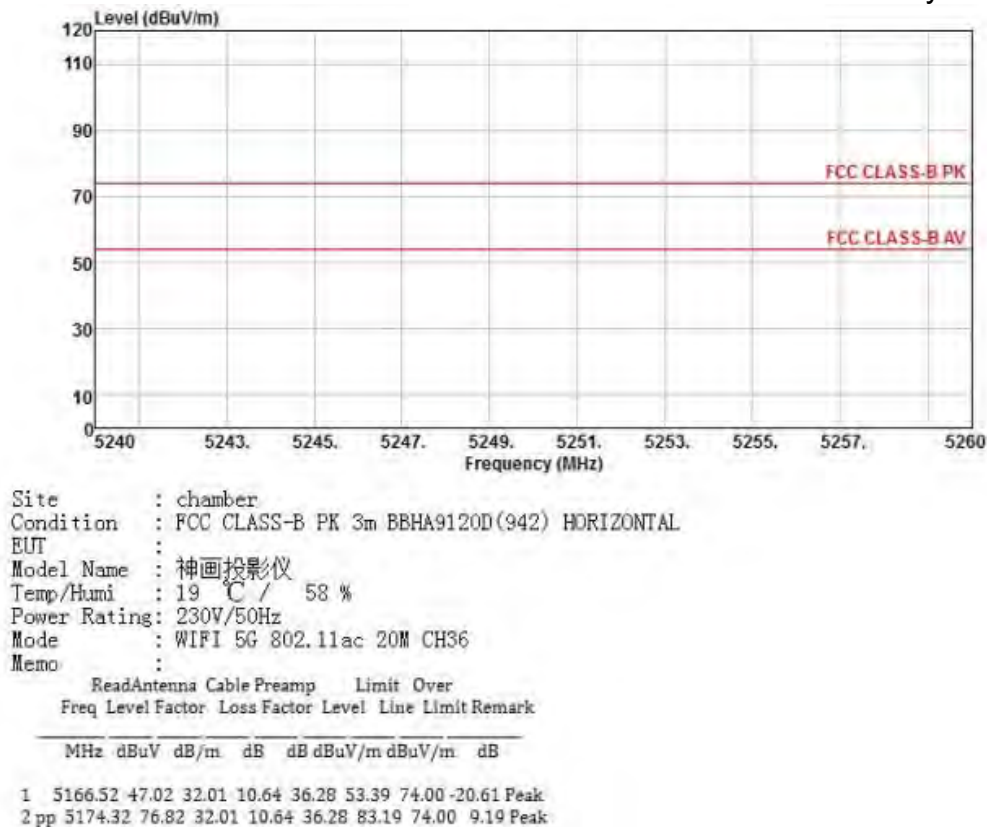


802.11ac(5150MHz-5250MHz)

802.11ac20 (Ch36)

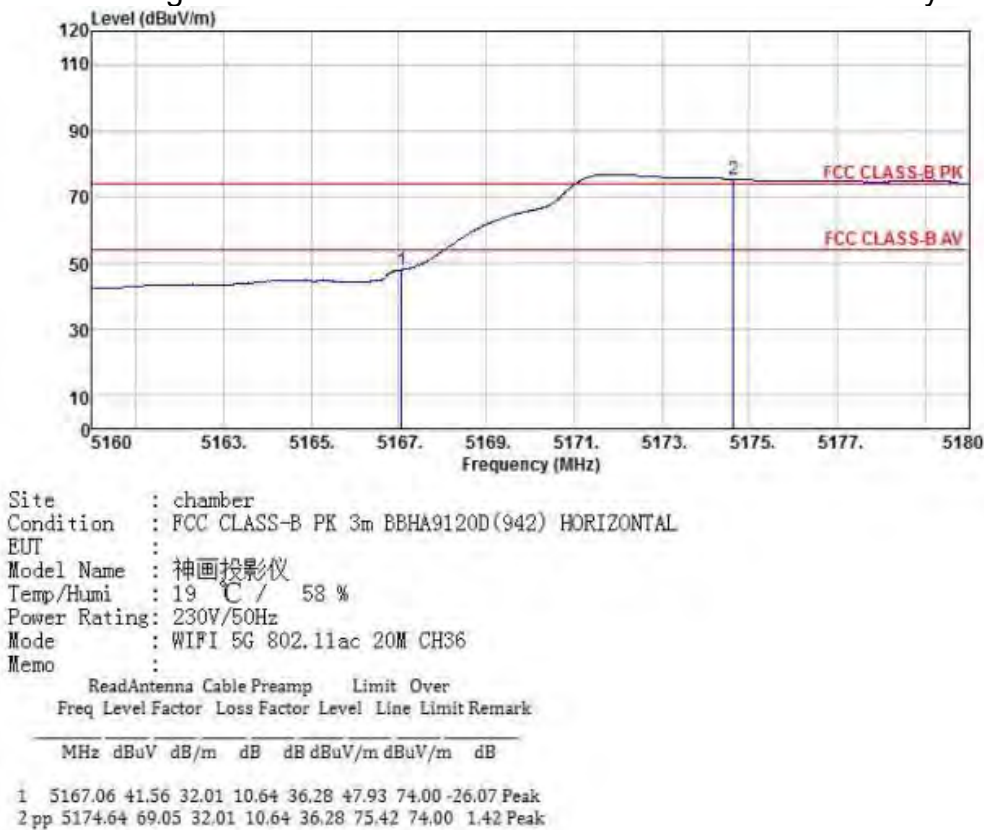
Detector mode: Peak

Polarity: Horizontal



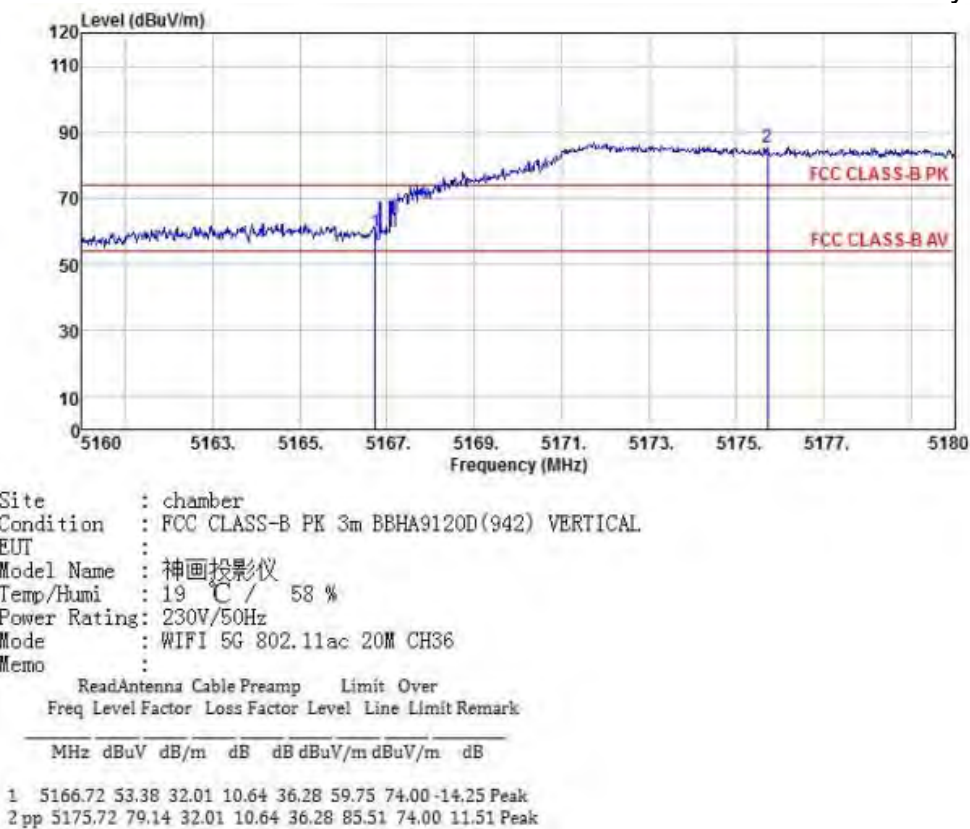
Detector mode: Average

Polarity: Horizontal



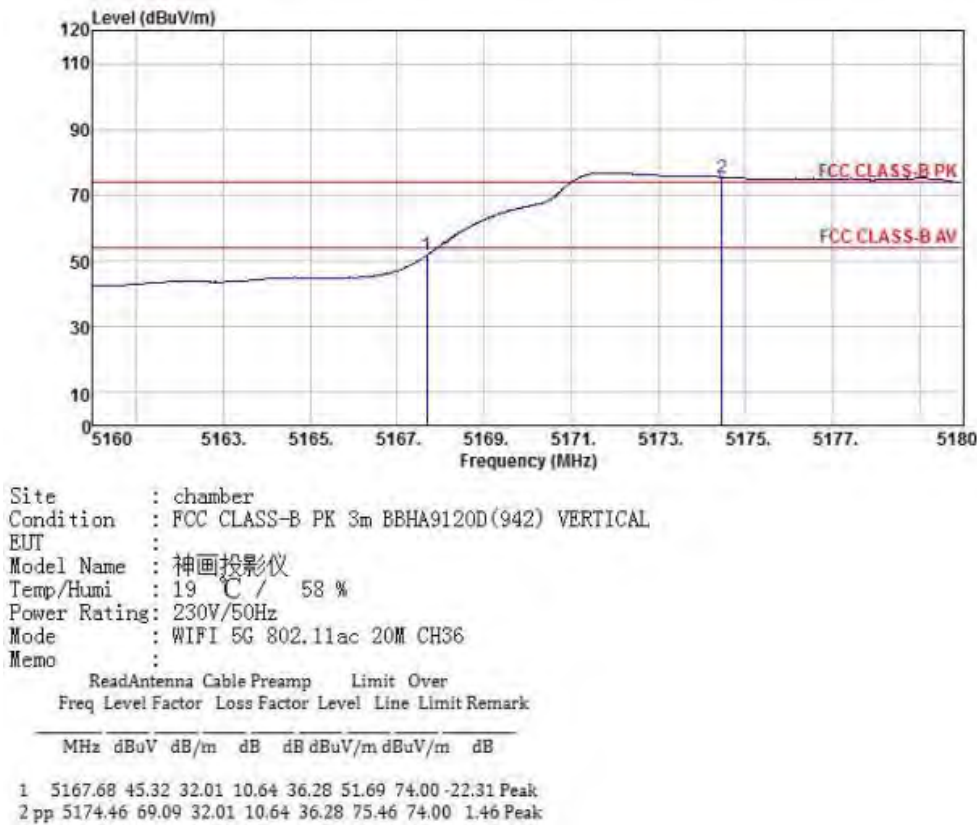
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

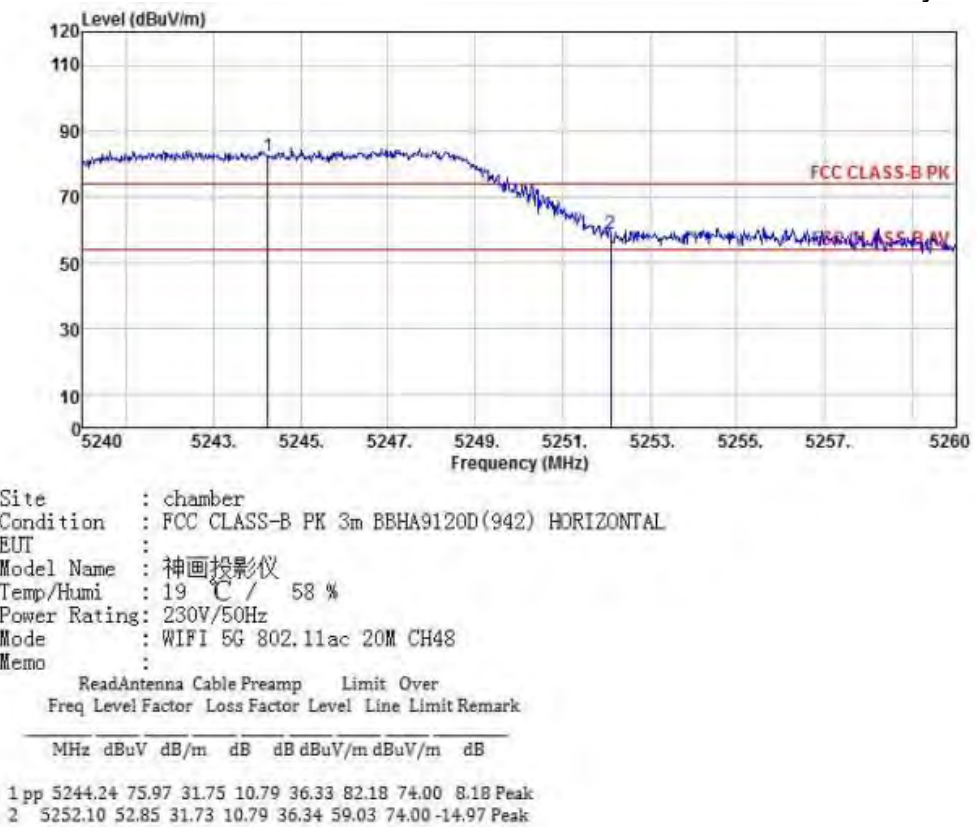
Polarity: Vertical



802.11ac20 (Ch48)

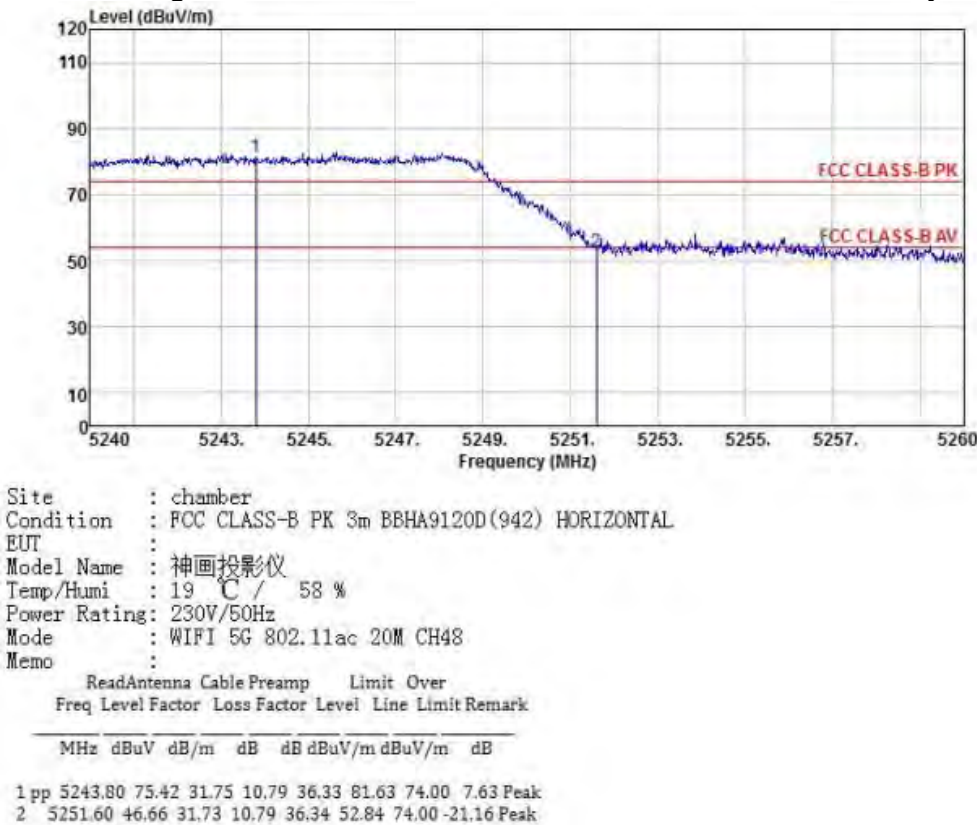
Detector mode: Peak

Polarity: Horizontal



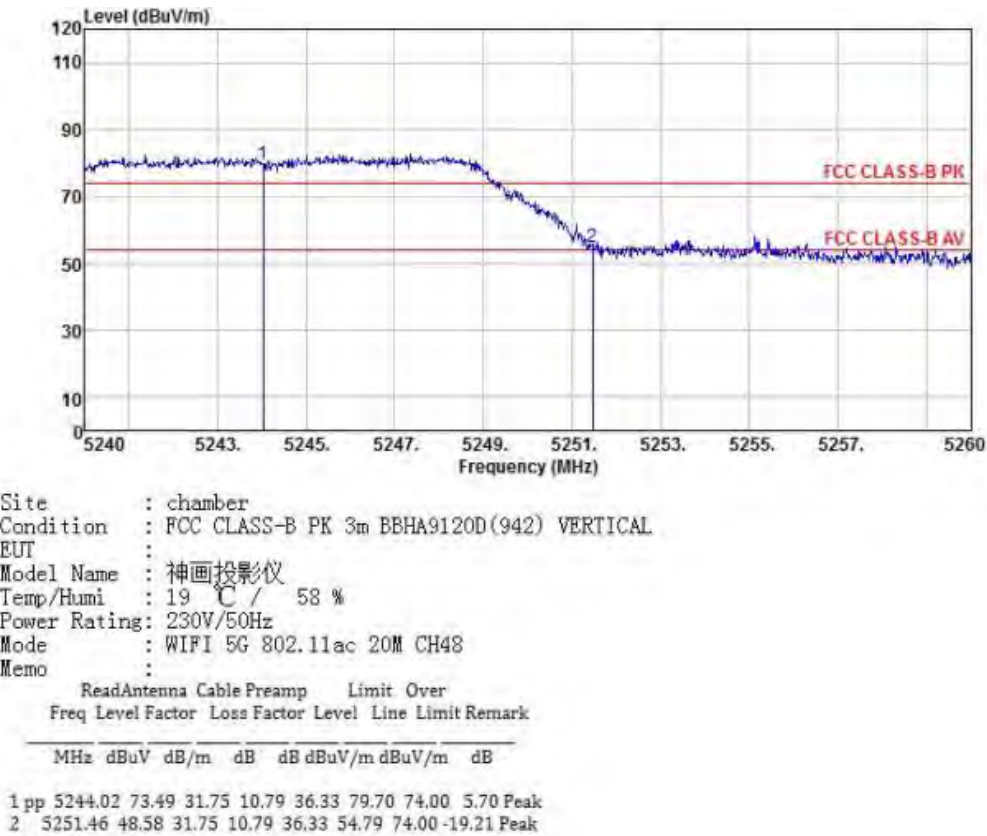
Detector mode: Average

Polarity: Horizontal



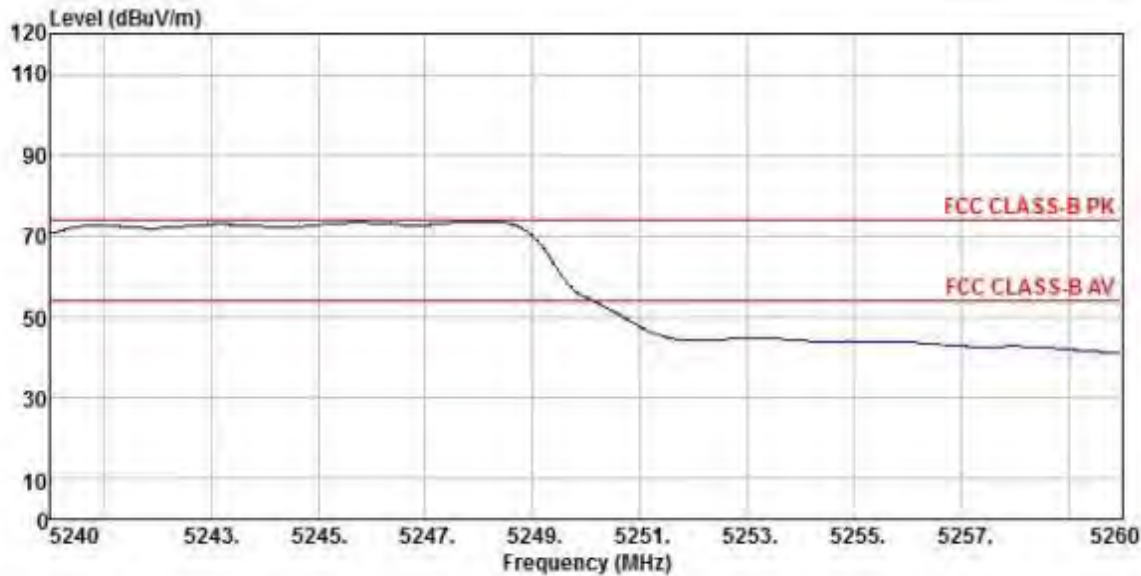
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

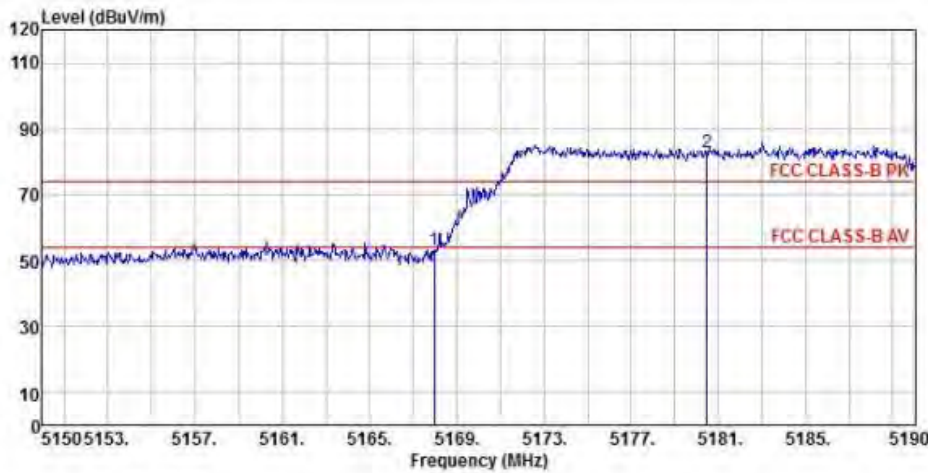


Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 20M CH48
Memo :

802.11ac40 (Ch38)

Detector mode: Peak

Polarity: Horizontal

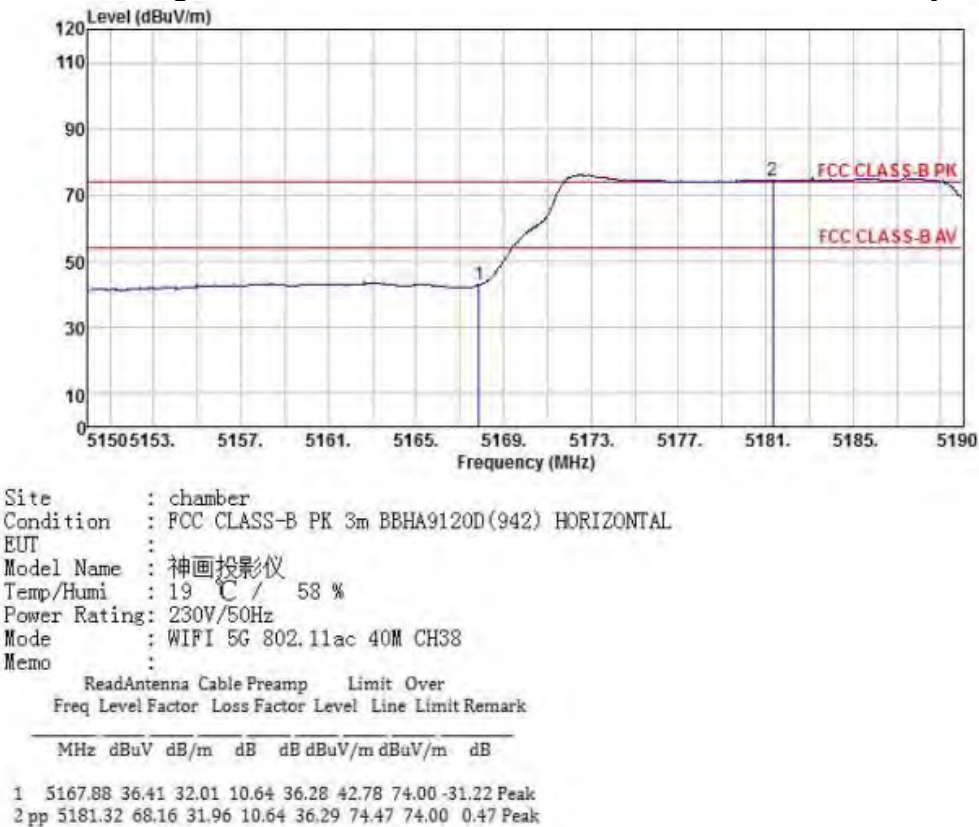


Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 40M CH38
Memo :

		ReadAntenna		Cable Preamp		Limit		Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	5167.96	46.85	32.01	10.64	36.28	53.22	74.00	-20.78	Peak		
2	5180.48	76.60	32.01	10.64	36.29	82.96	74.00	8.96	Peak		

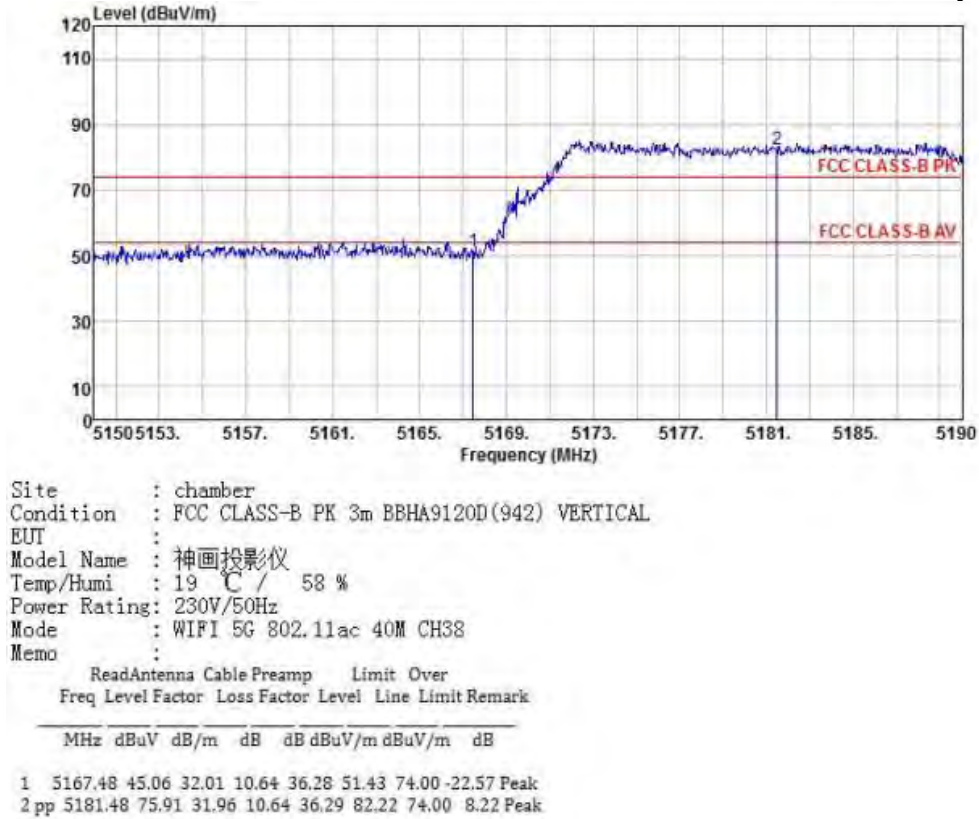
Detector mode: Average

Polarity: Horizontal



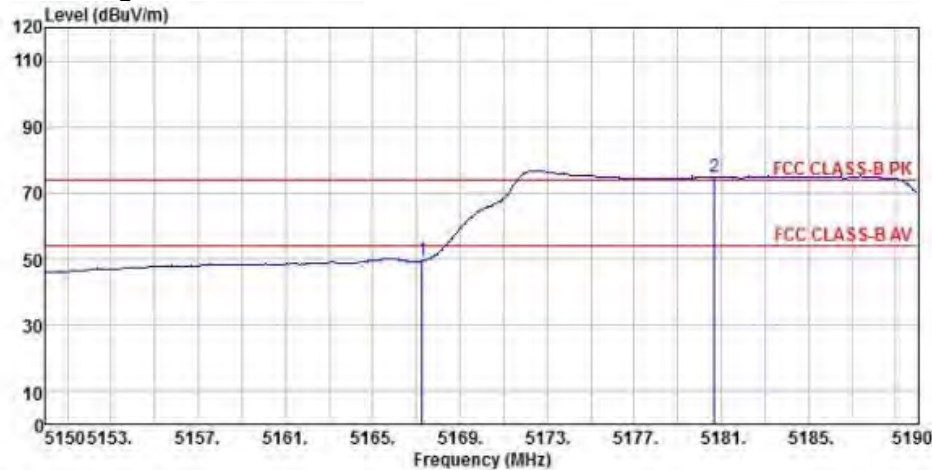
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 40M CH38
Memo :

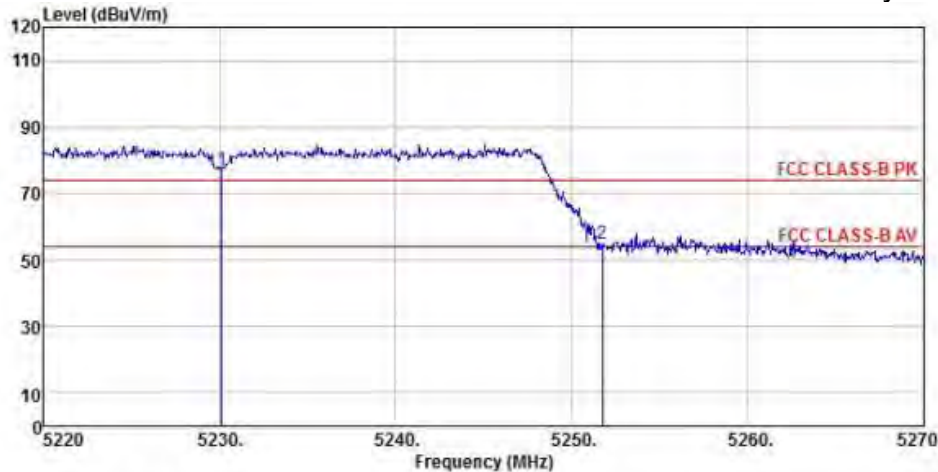
ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5167.28	43.03	32.01	10.64	36.28	49.40	-24.60 Peak
2	5180.68	68.34	32.01	10.64	36.29	74.70	74.00 0.70 Peak

802.11ac20 (Ch46)

Detector mode: Peak

Polarity: Horizontal



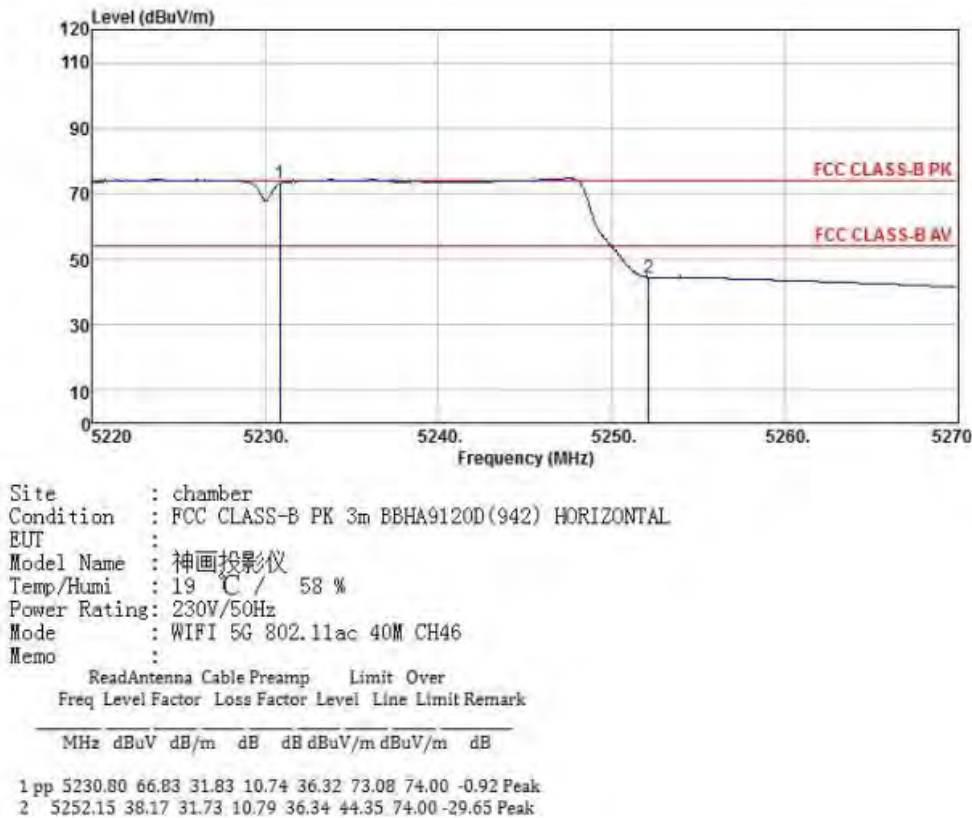
Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 40M CH46
Memo :

ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	5230.10	70.92	31.83	10.74	36.32	77.17	74.00 3.17 Peak
2	5251.75	48.78	31.73	10.79	36.34	54.96	74.00 -19.04 Peak

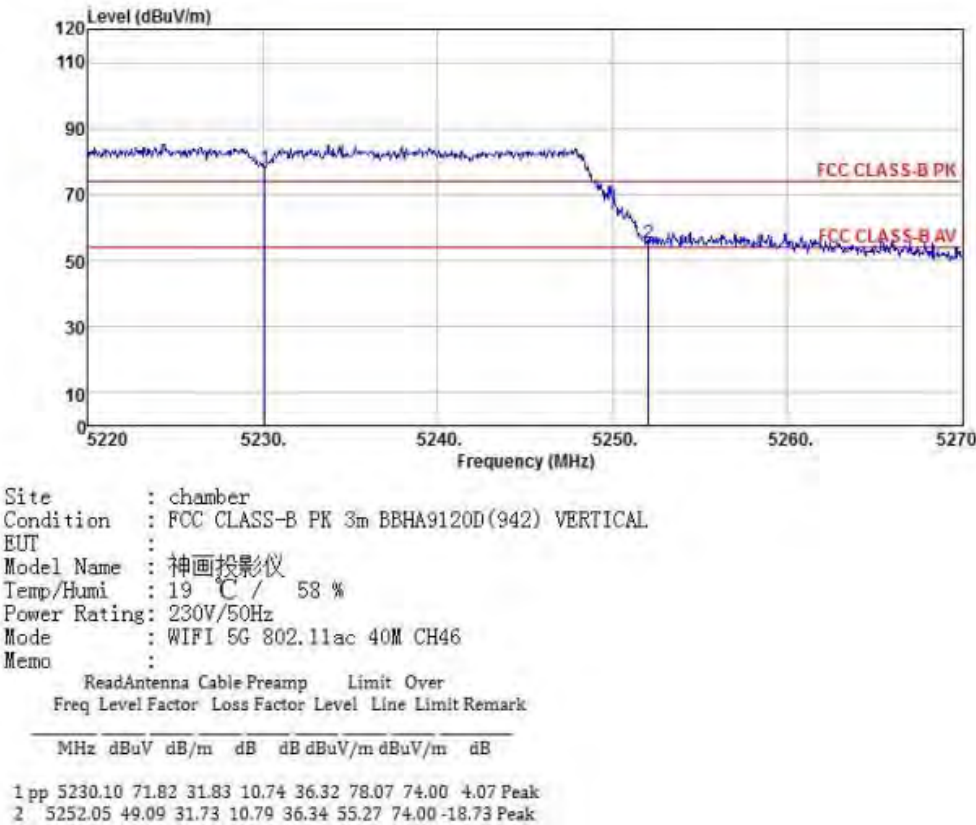
Detector mode: Average

Polarity: Horizontal



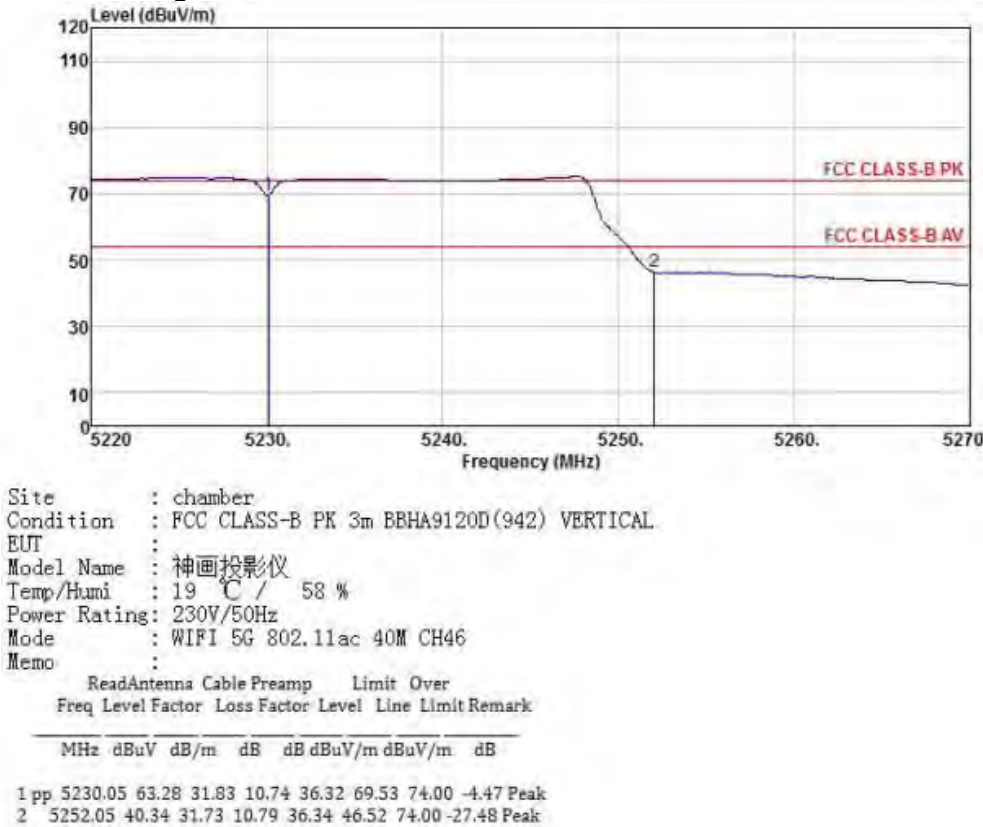
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

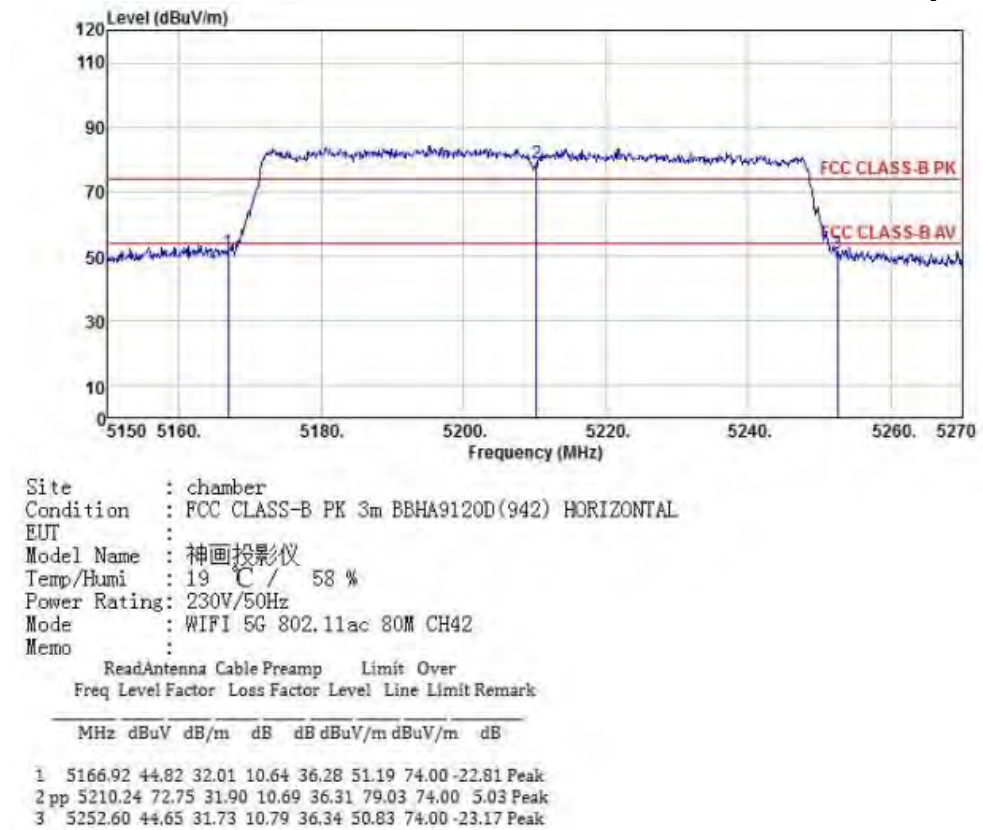
Polarity: Vertical



802.11ac80 (Ch42)

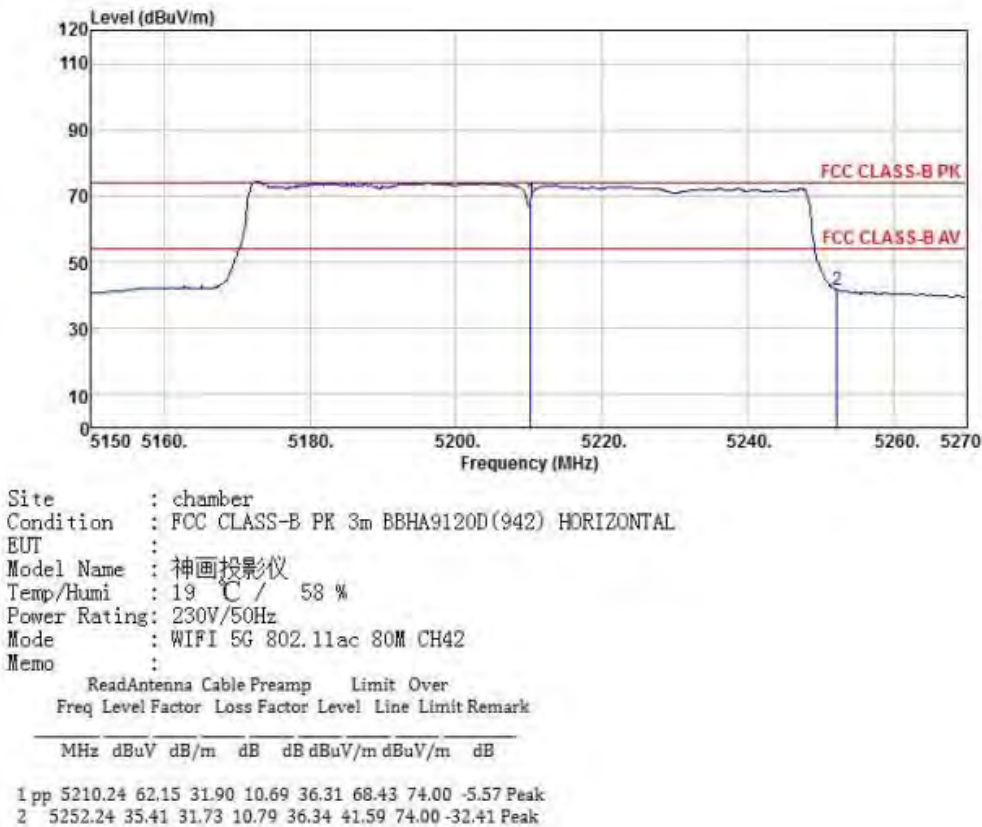
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



Detector mode: Average

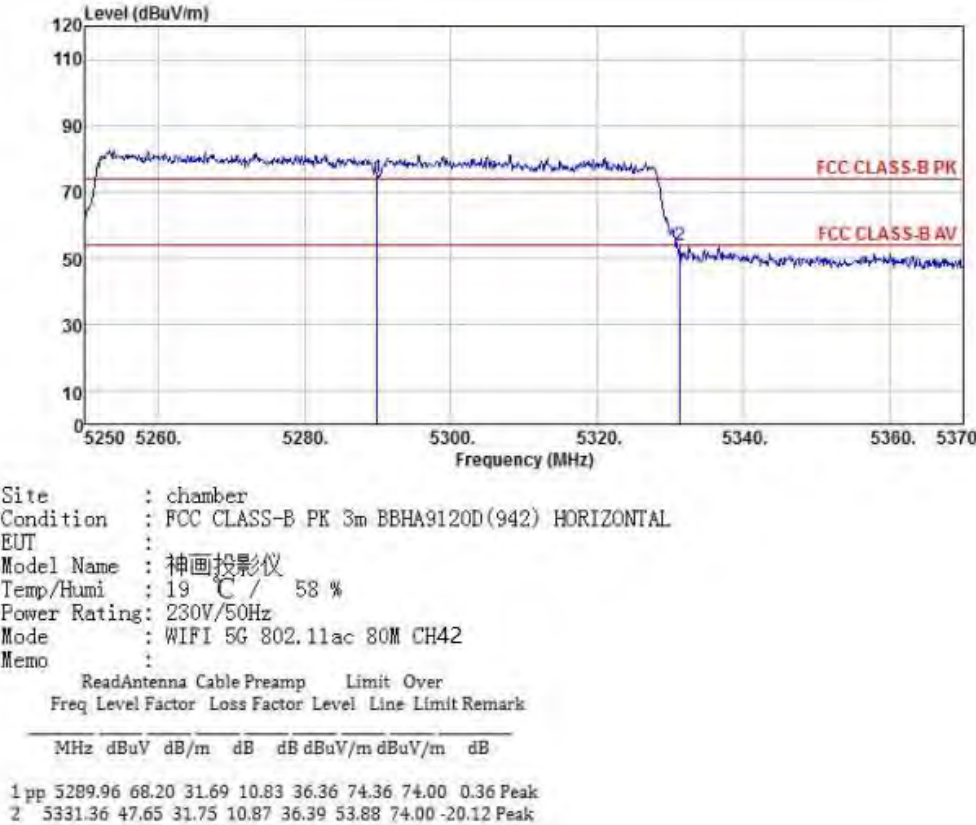
Polarity: Vertical



802.11ac80 (Ch42)

Detector mode: Peak

Polarity: Horizontal



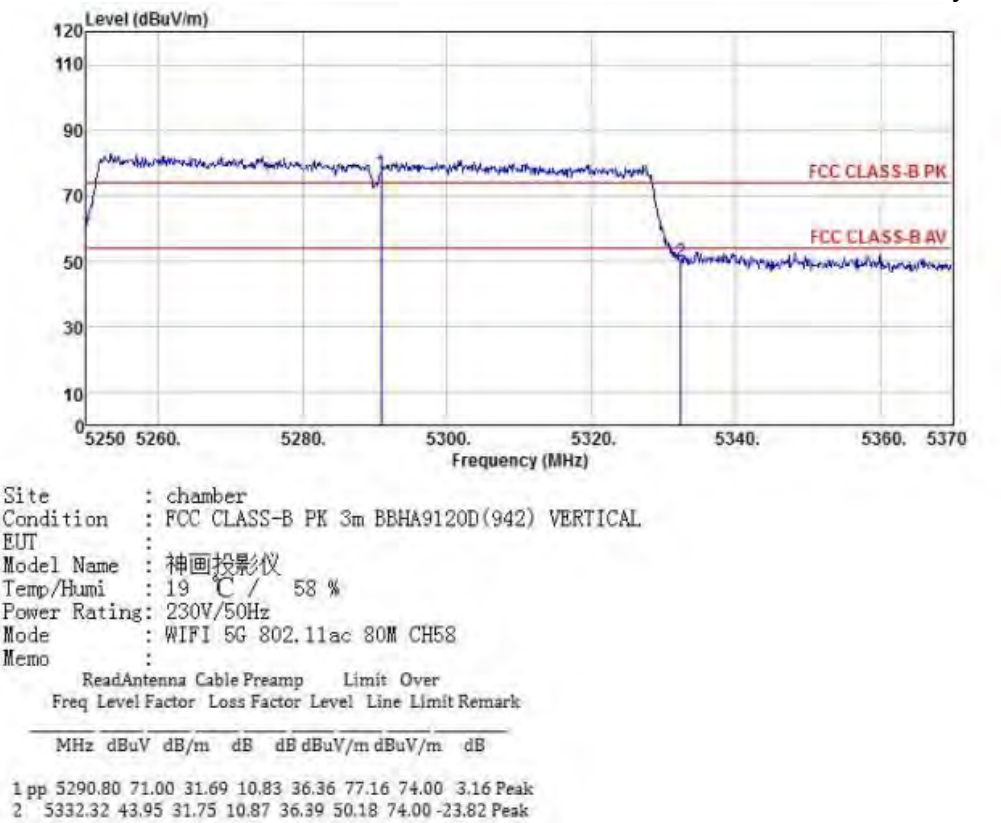
Detector mode: Average

Polarity: Horizontal



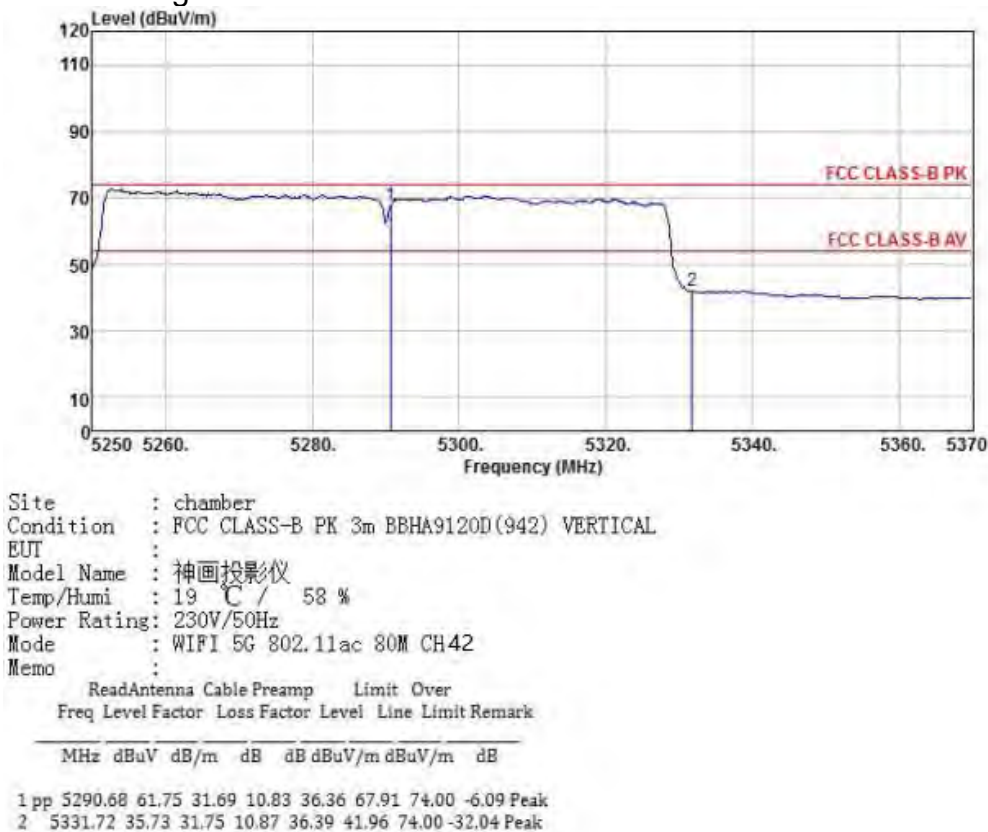
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

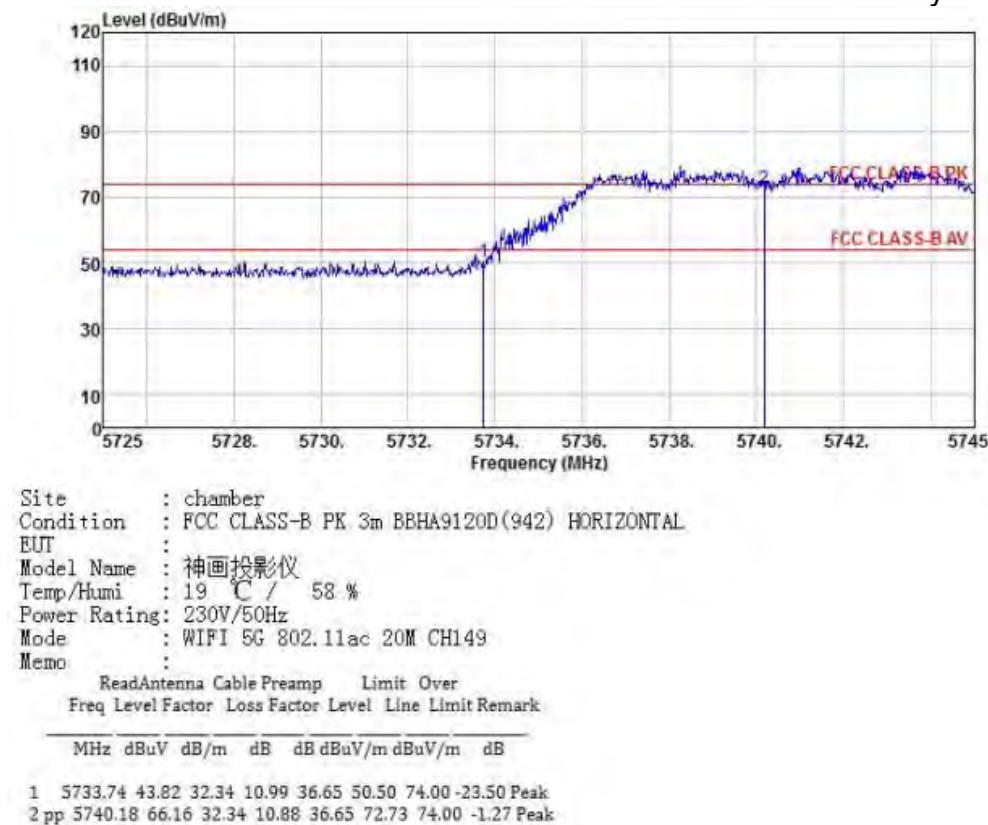


802.11ac(5725MHz-5850MHz)

802.11ac20 (Ch149)

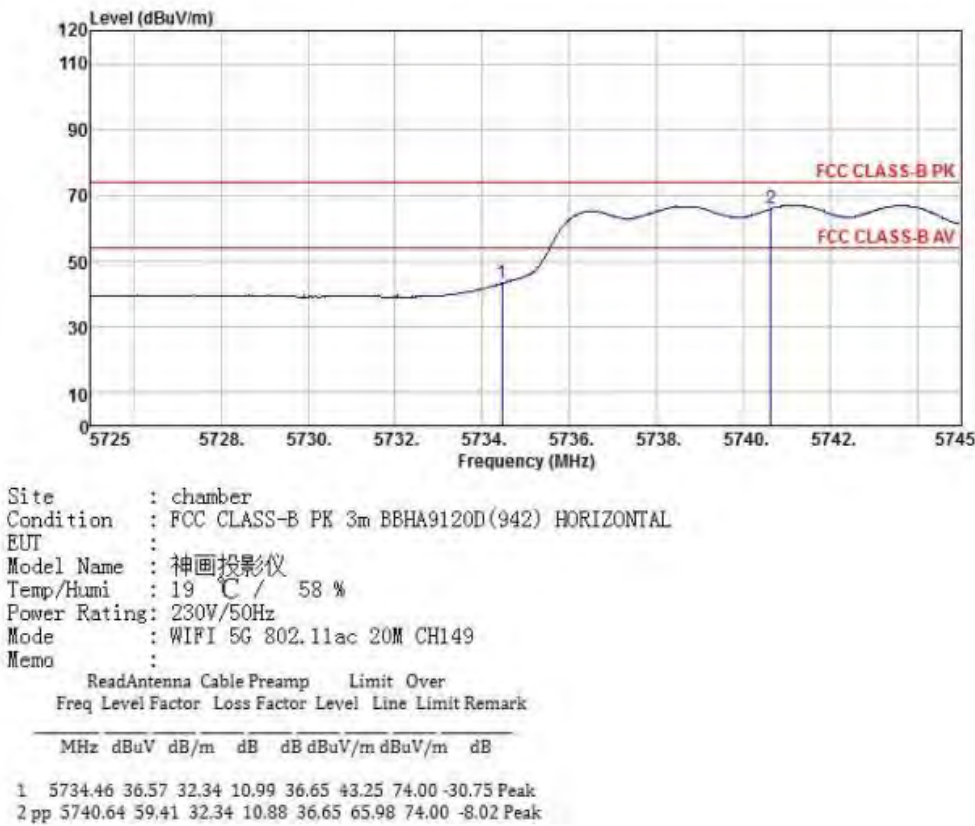
Detector mode: Peak

Polarity: Horizontal



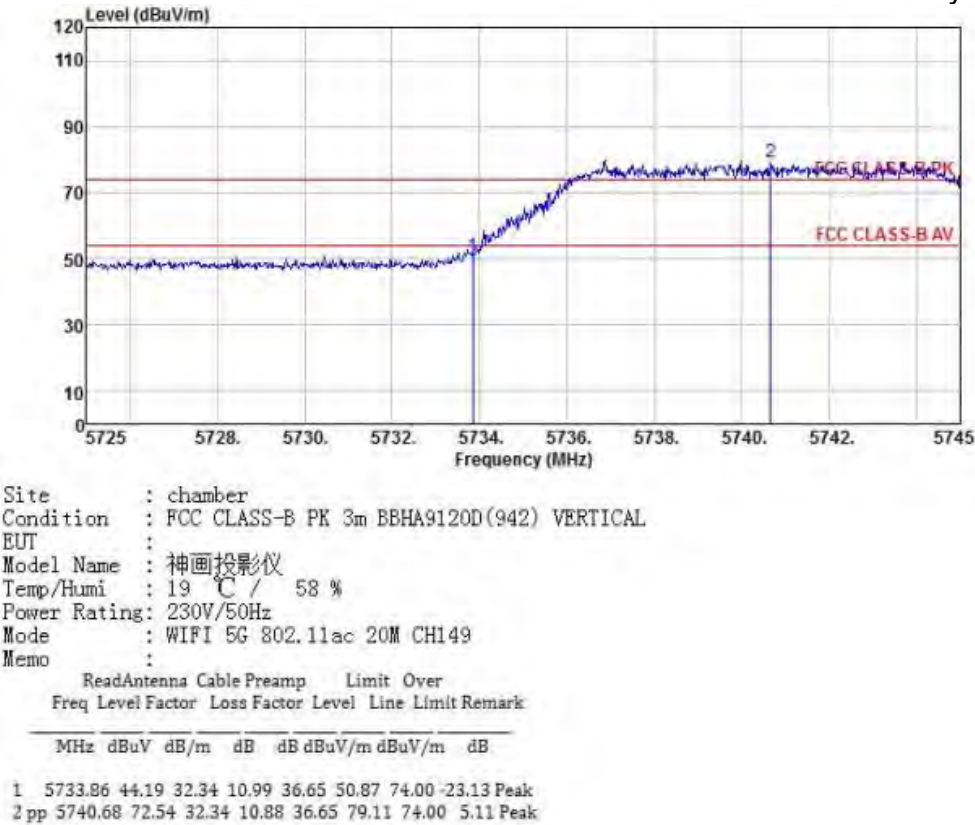
Detector mode: Average

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



Detector mode: Average

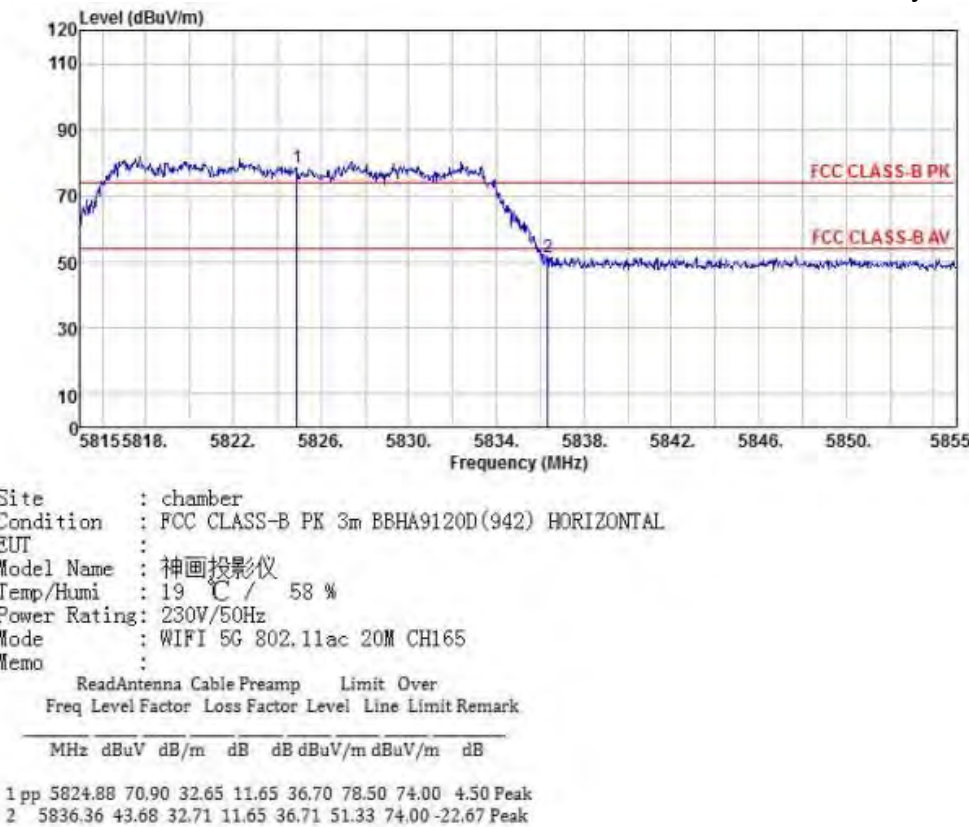
Polarity: Vertical



802.11ac20 (Ch165)

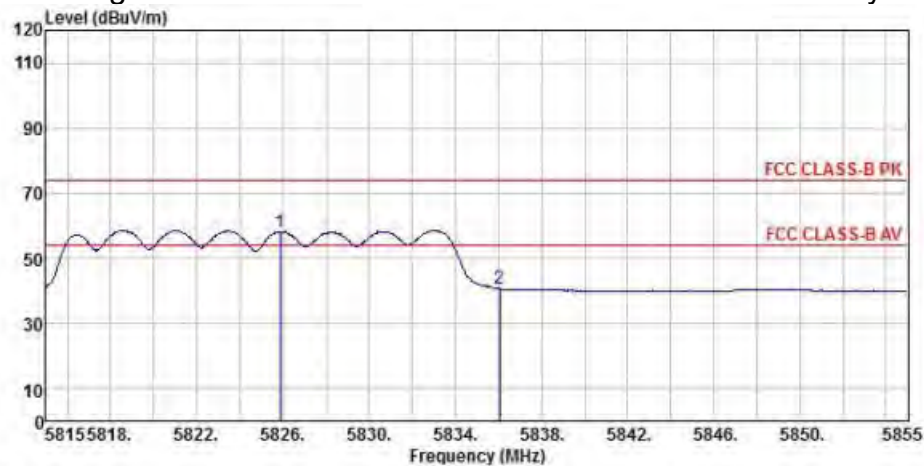
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal

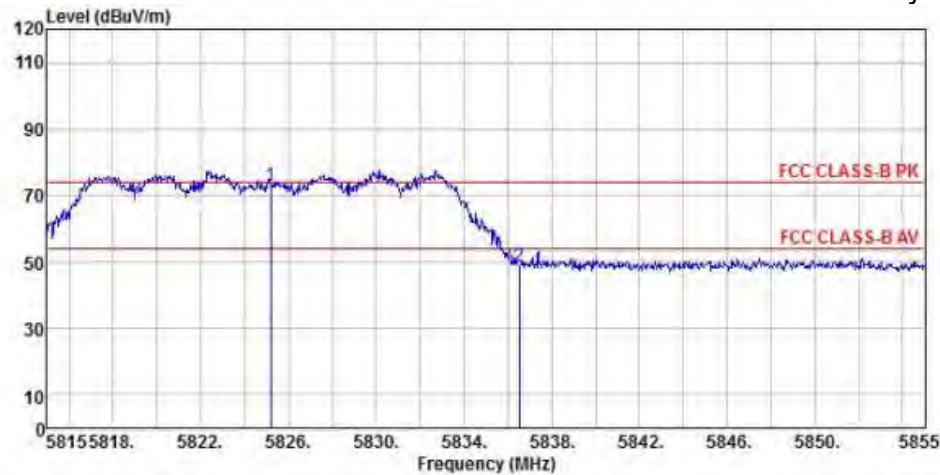


Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 20M CH165
Memo :

	ReadAntenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m
1 pp 5825.88	50.53	32.65	11.65	36.71	58.12	74.00 -15.88 Peak
2 5836.04	32.87	32.71	11.65	36.71	40.52	74.00 -33.48 Peak

Detector mode: Peak

Polarity: Vertical

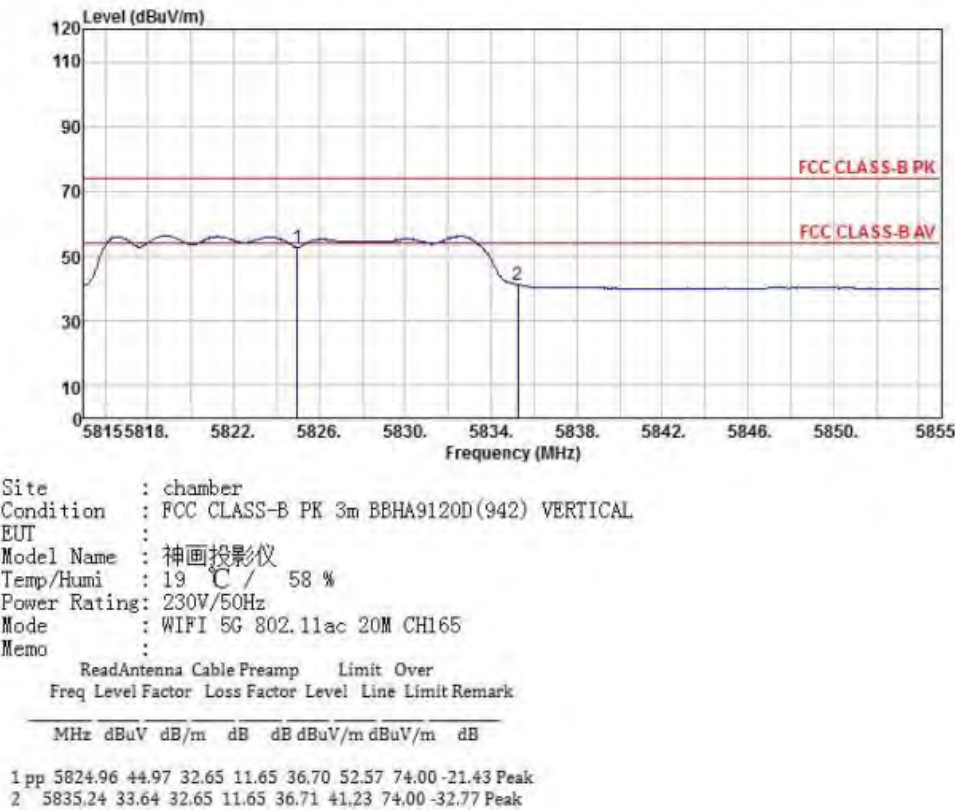


Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 20M CH165
Memo :

	ReadAntenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m
1 pp 5825.20	65.45	32.65	11.65	36.70	73.05	74.00 -0.95 Peak
2 5836.52	41.10	32.71	11.72	36.71	48.82	74.00 -25.18 Peak

Detector mode: Average

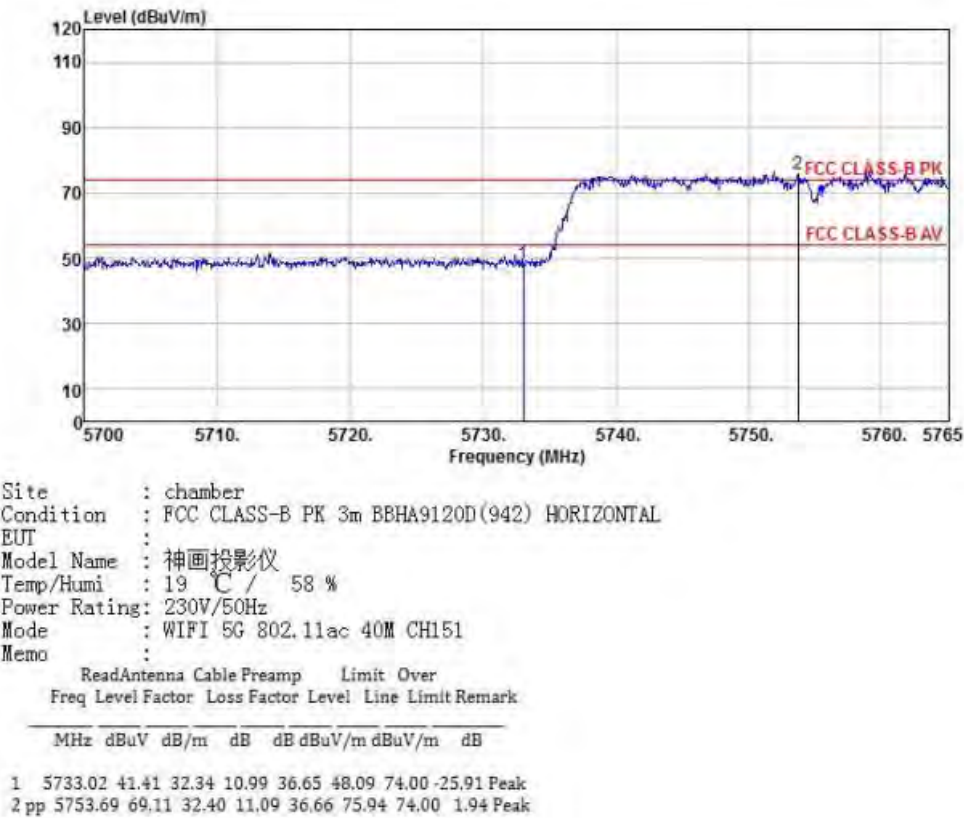
Polarity: Vertical



802.11ac40 (Ch151)

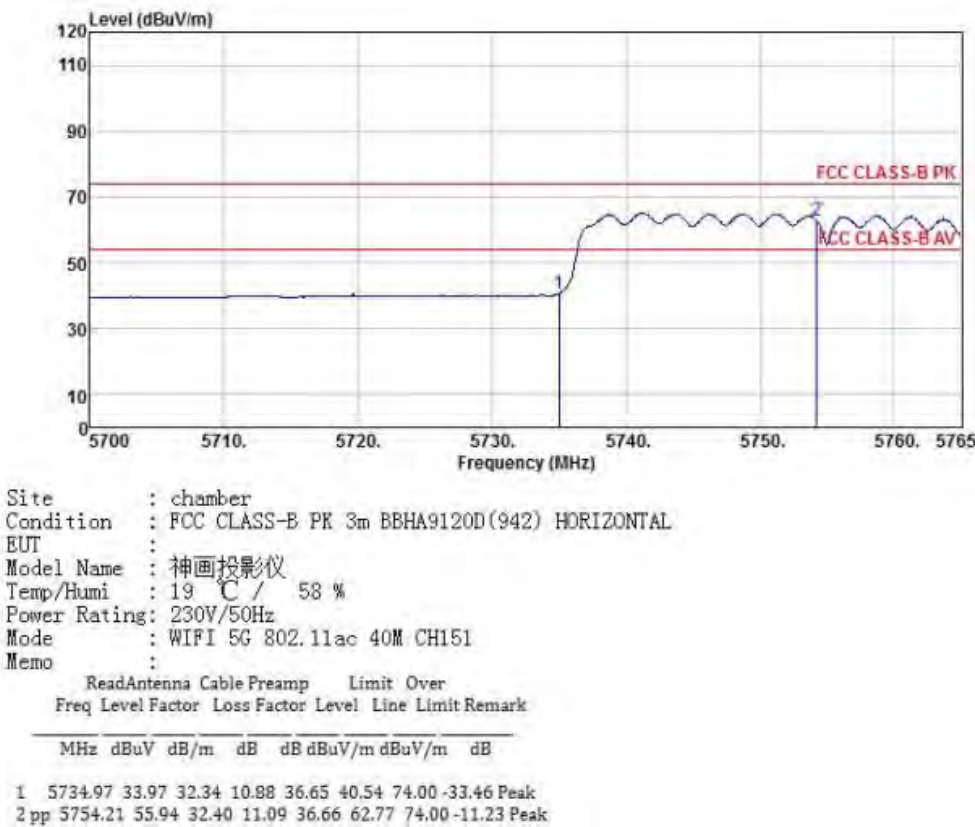
Detector mode: Peak

Polarity: Horizontal



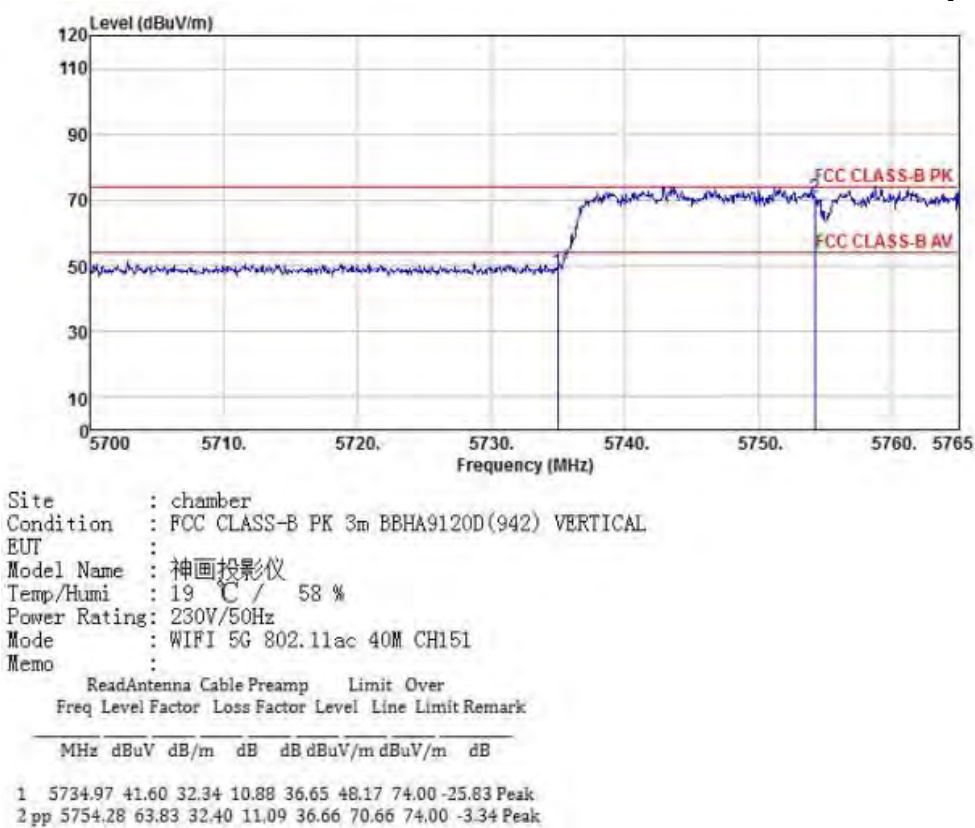
Detector mode: Average

Polarity: Horizontal



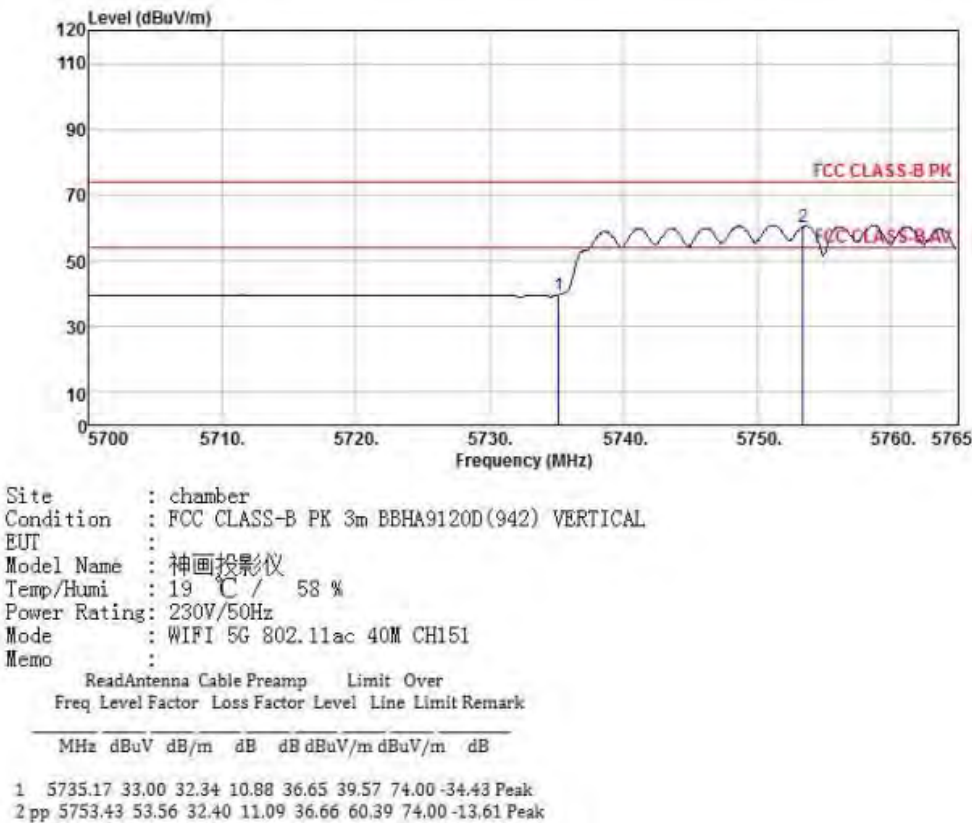
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

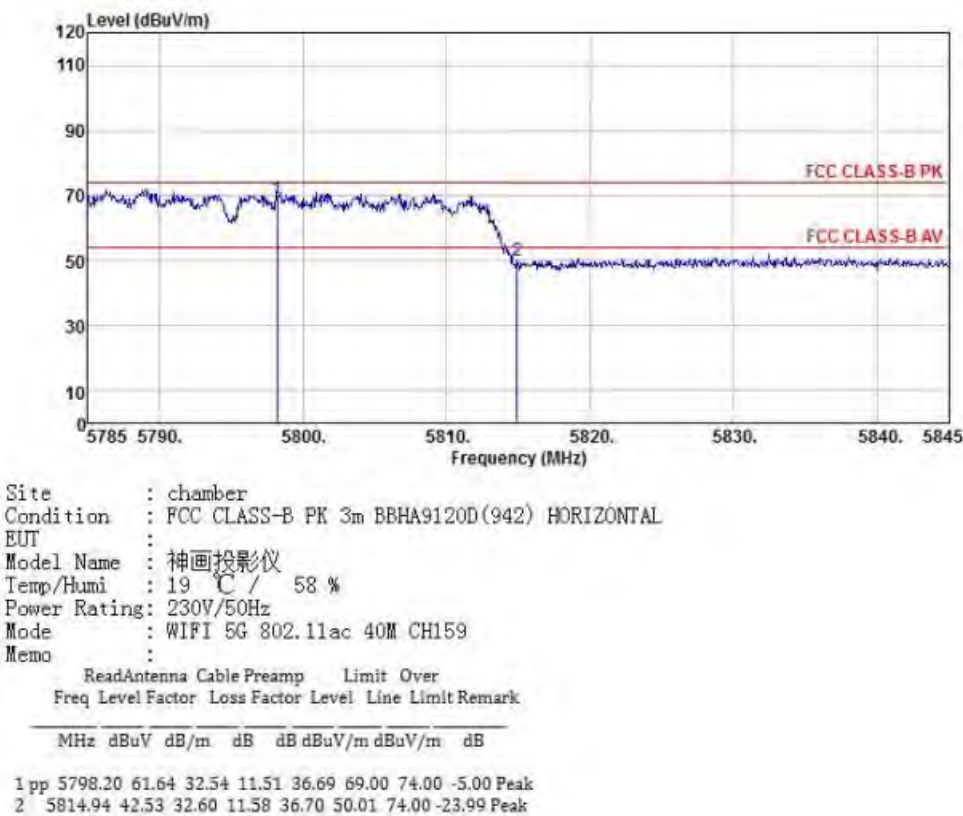
Polarity: Vertical



802.11ac40 (Ch159)

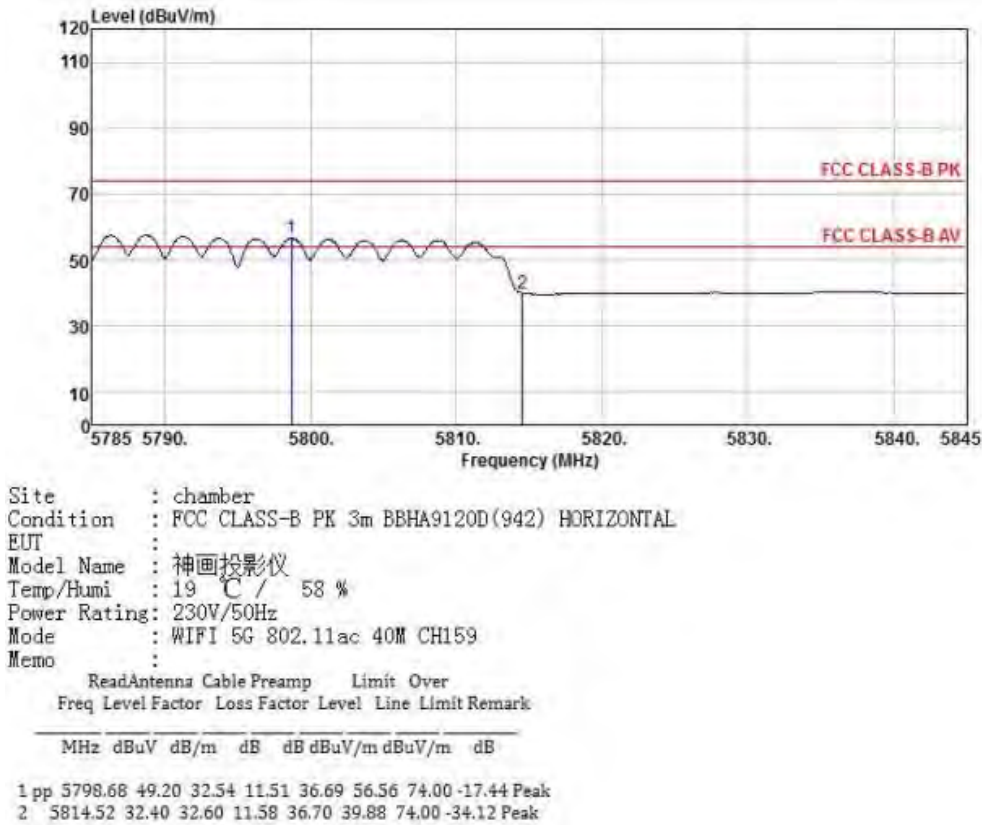
Detector mode: Peak

Polarity: Horizontal



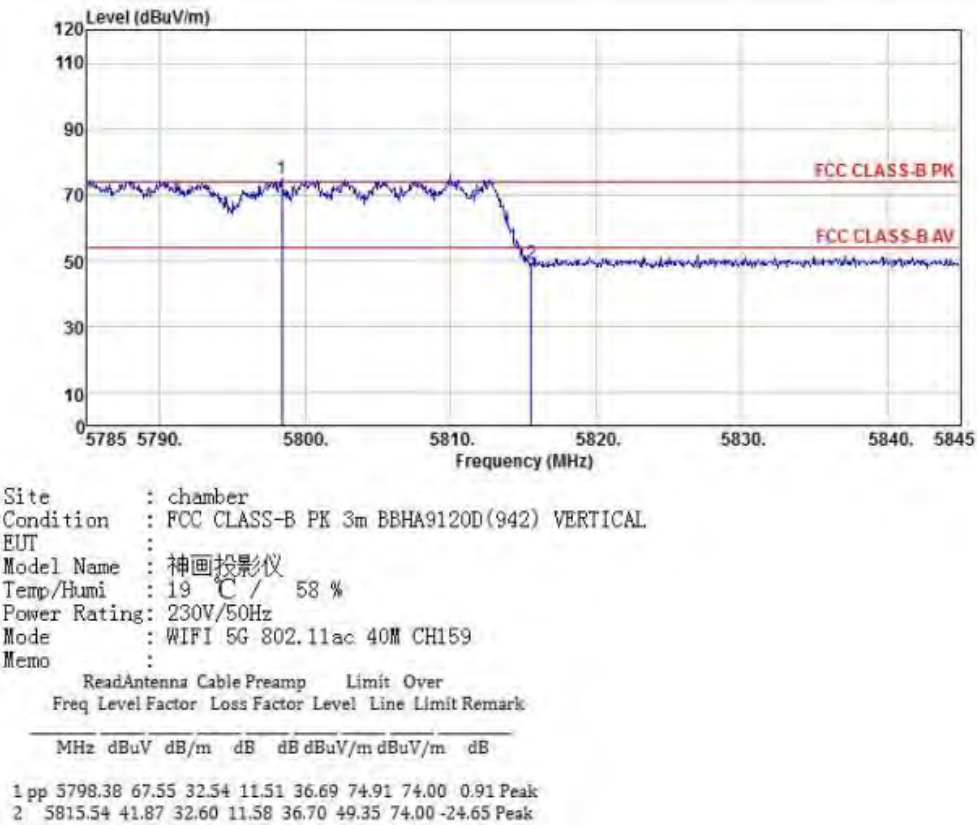
Detector mode: Average

Polarity: Horizontal



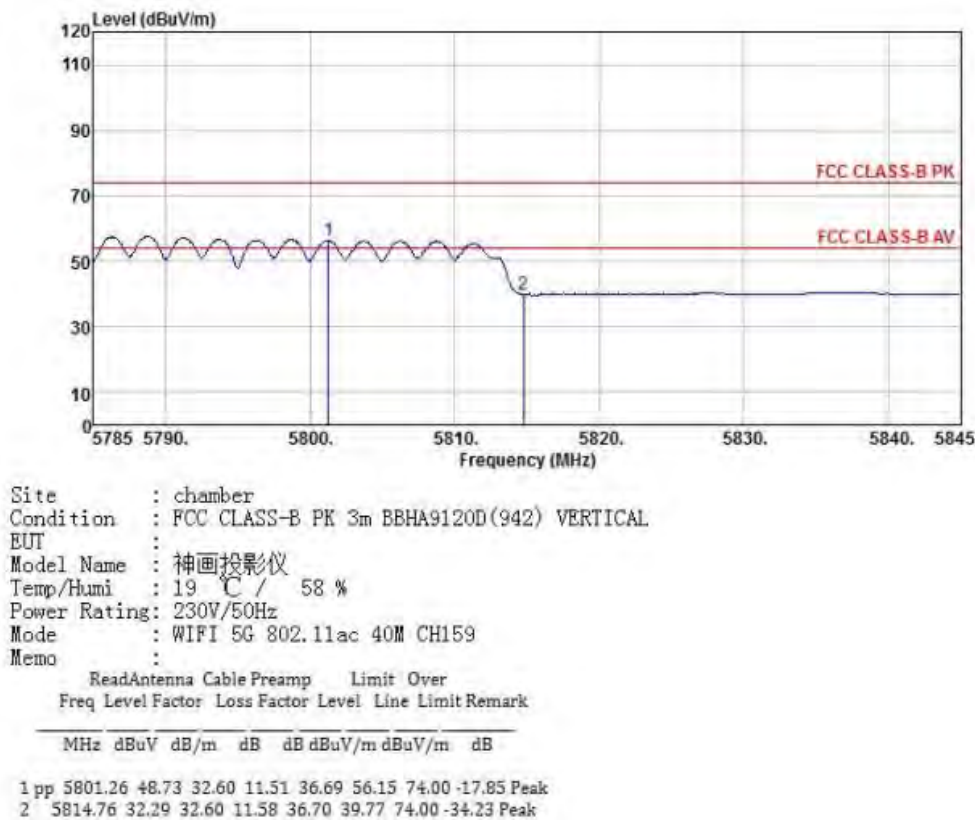
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

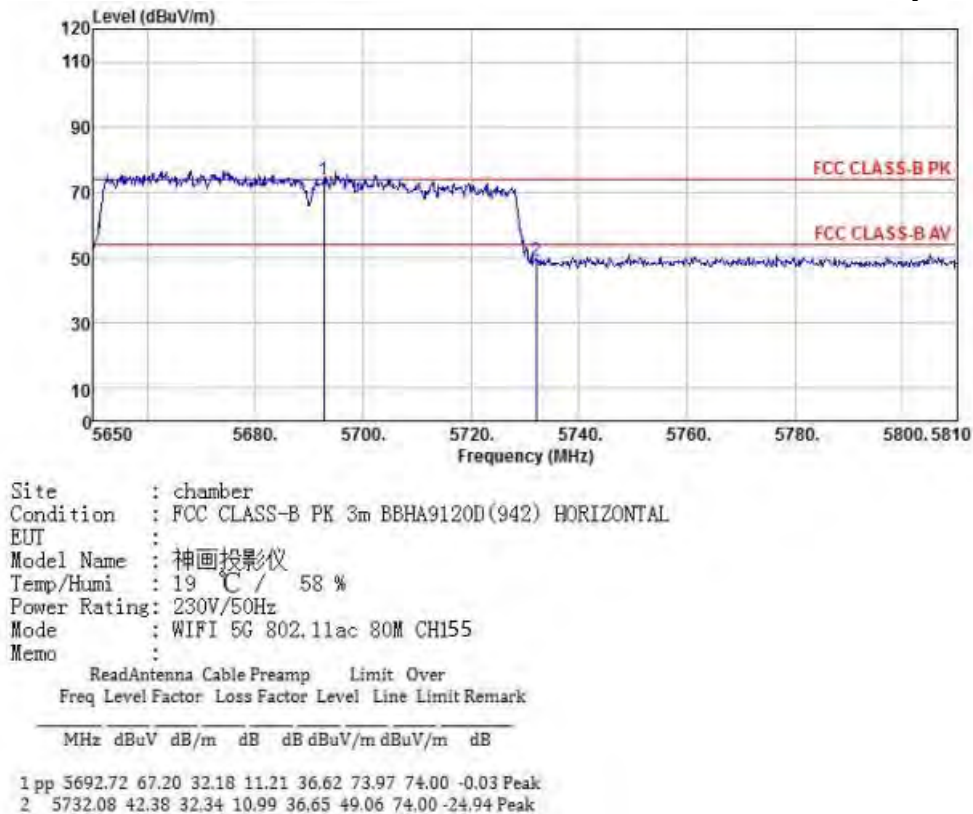
Polarity: Vertical



802.11ac80 (Ch155)

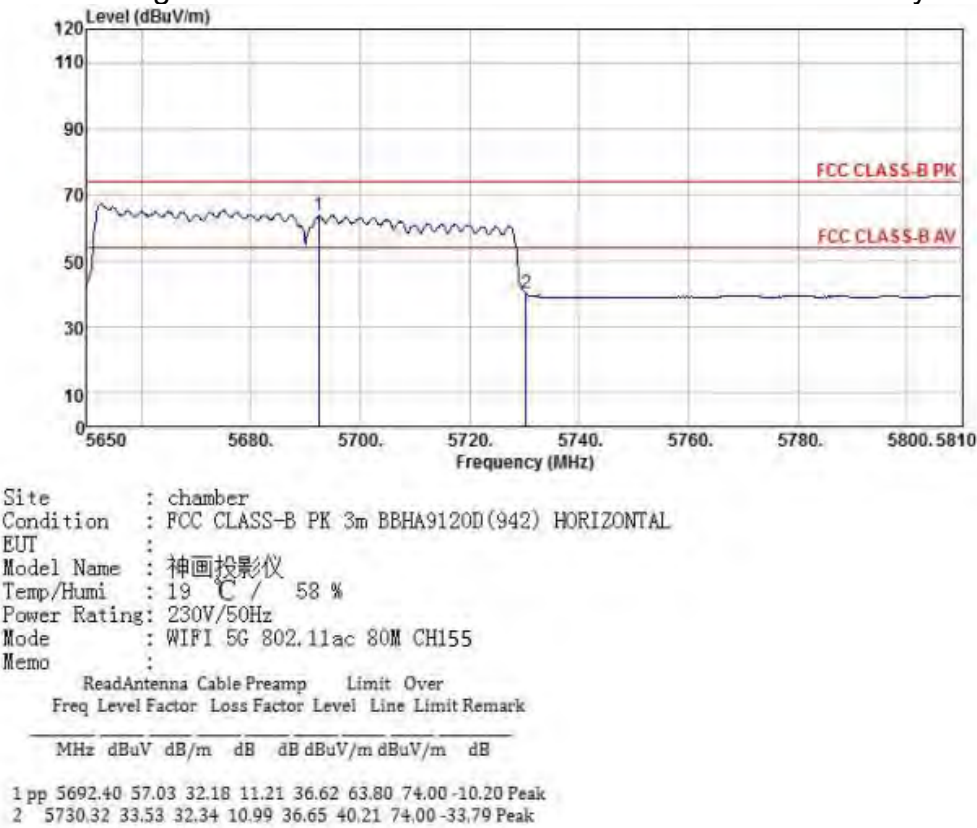
Detector mode: Peak

Polarity: Horizontal



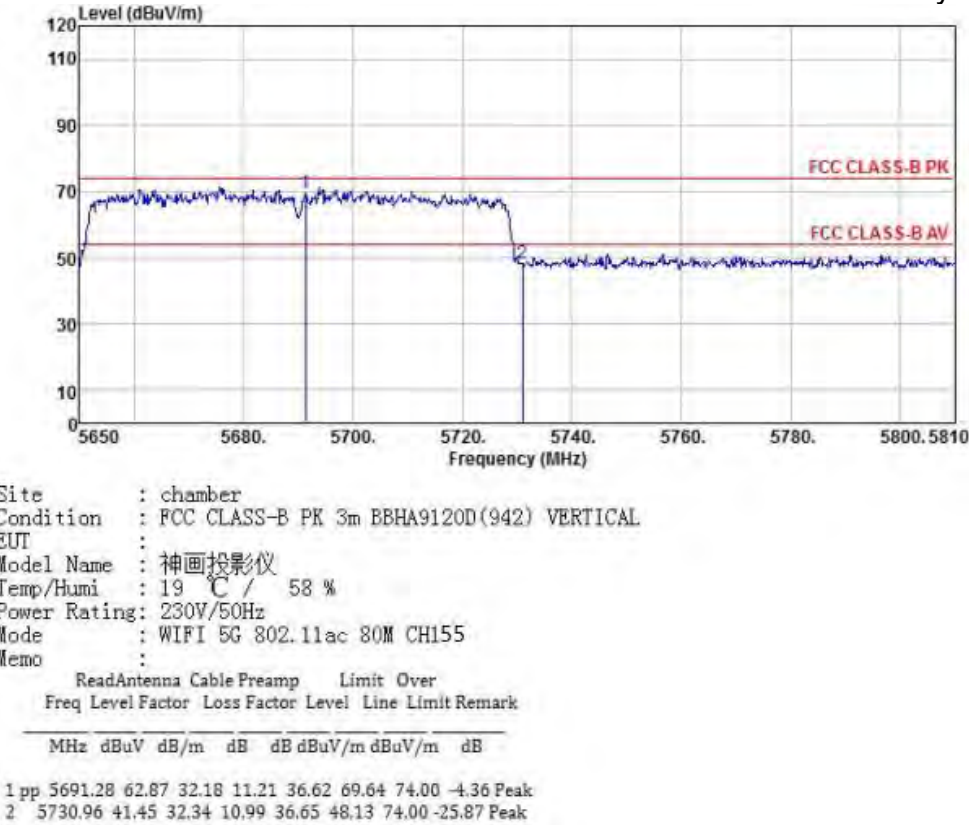
Detector mode: Average

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



Detector mode: Average

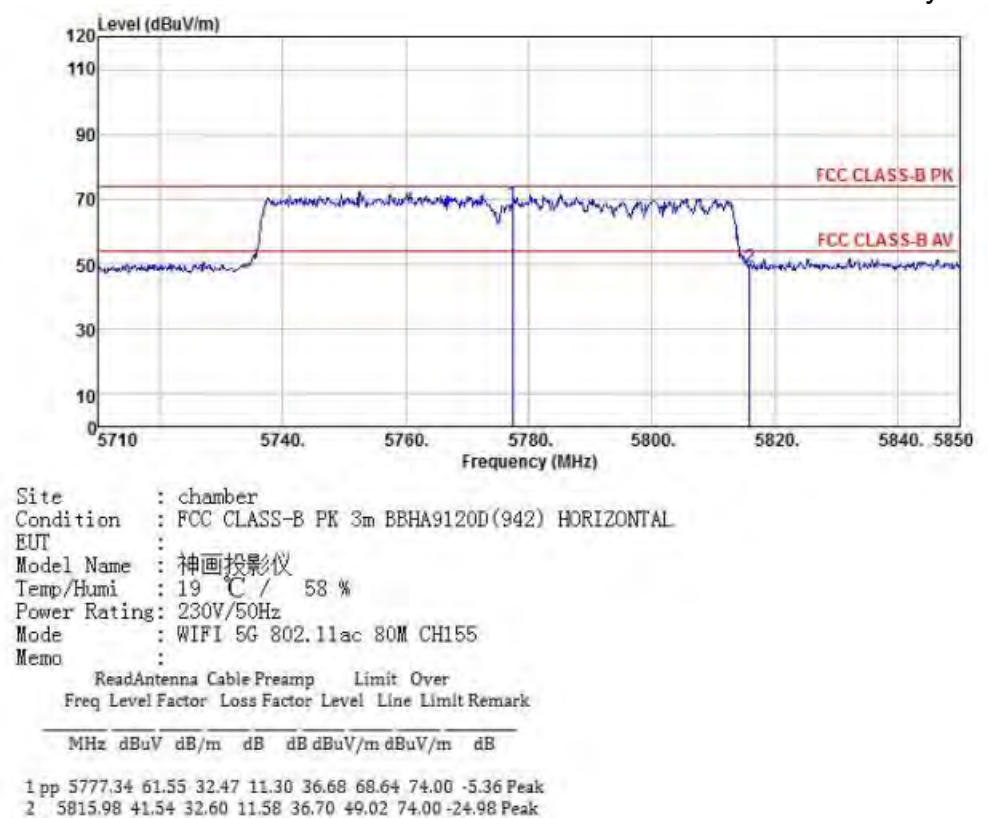
Polarity: Vertical



802.11ac80 (Ch155)

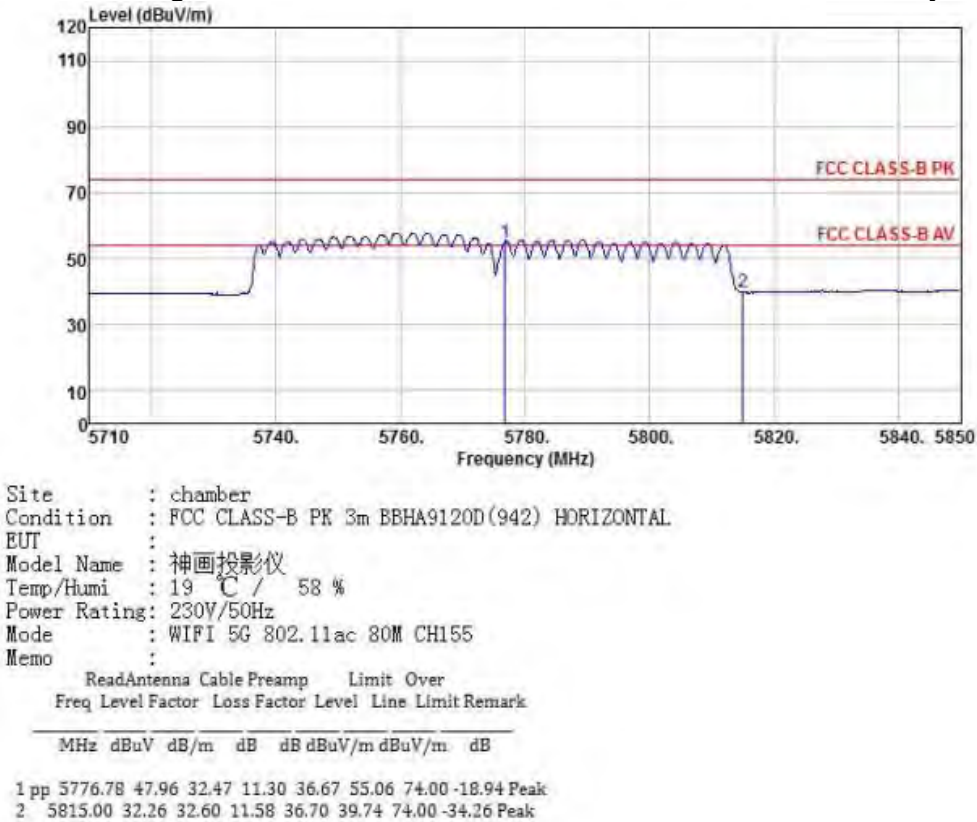
Detector mode: Peak

Polarity: Horizontal



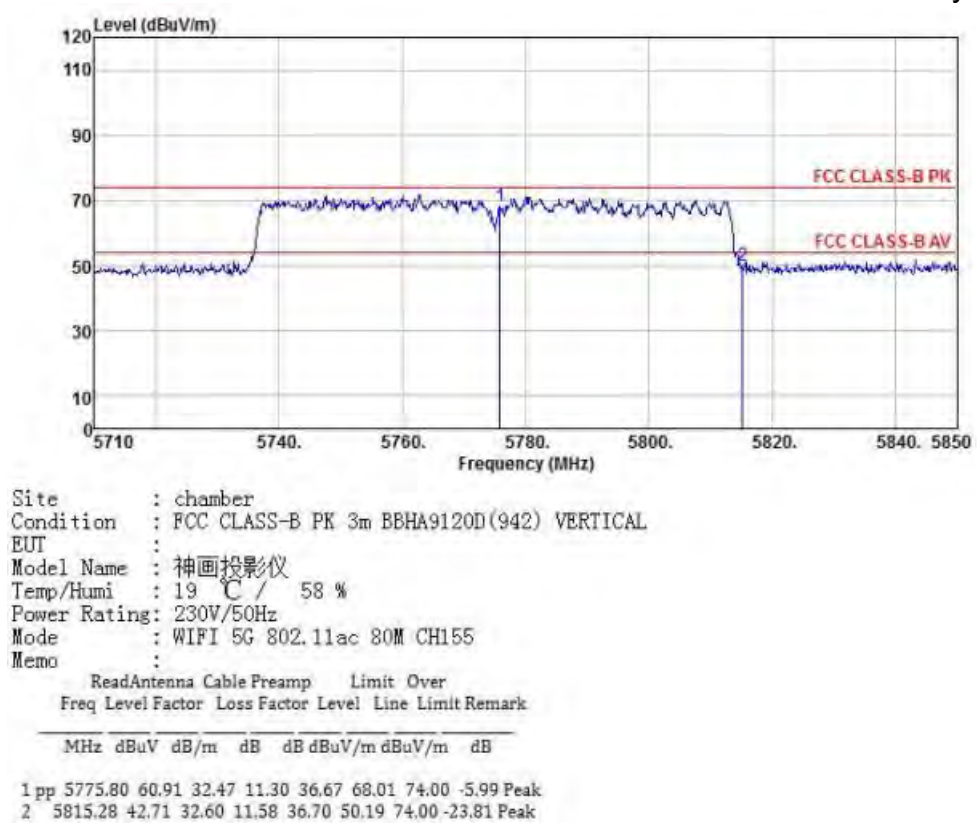
Detector mode: Average

Polarity: Horizontal



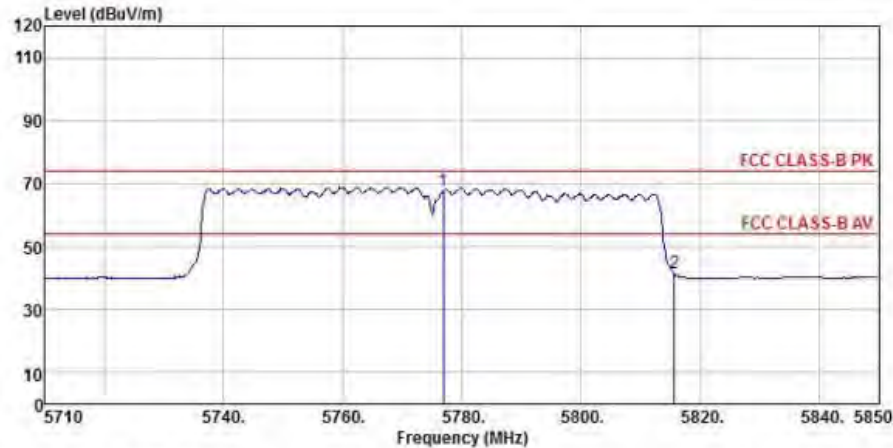
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11ac 80M CH155
Memo :
ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 5776.92	60.51	32.47	11.30	36.67	67.61	74.00	-6.39 Peak
2 5815.70	33.94	32.60	11.58	36.70	41.42	74.00	-32.58 Peak

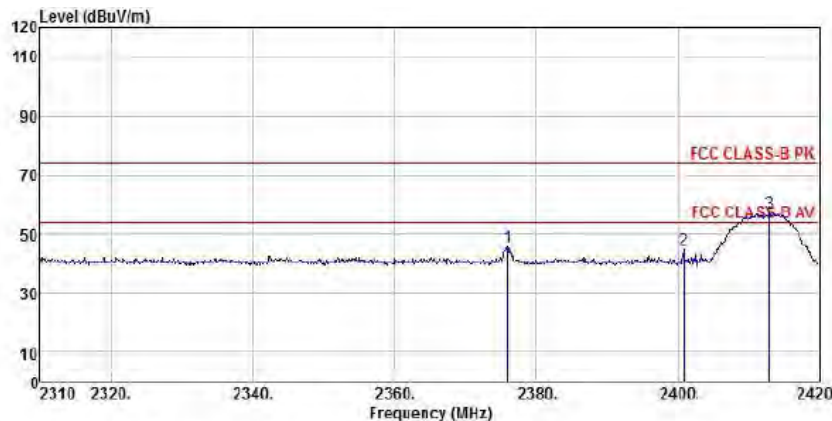
Antenna 2& Mimo

WIFI 2.4G

802.11b (Ch1)

Detector mode: Peak

Polarity: Horizontal

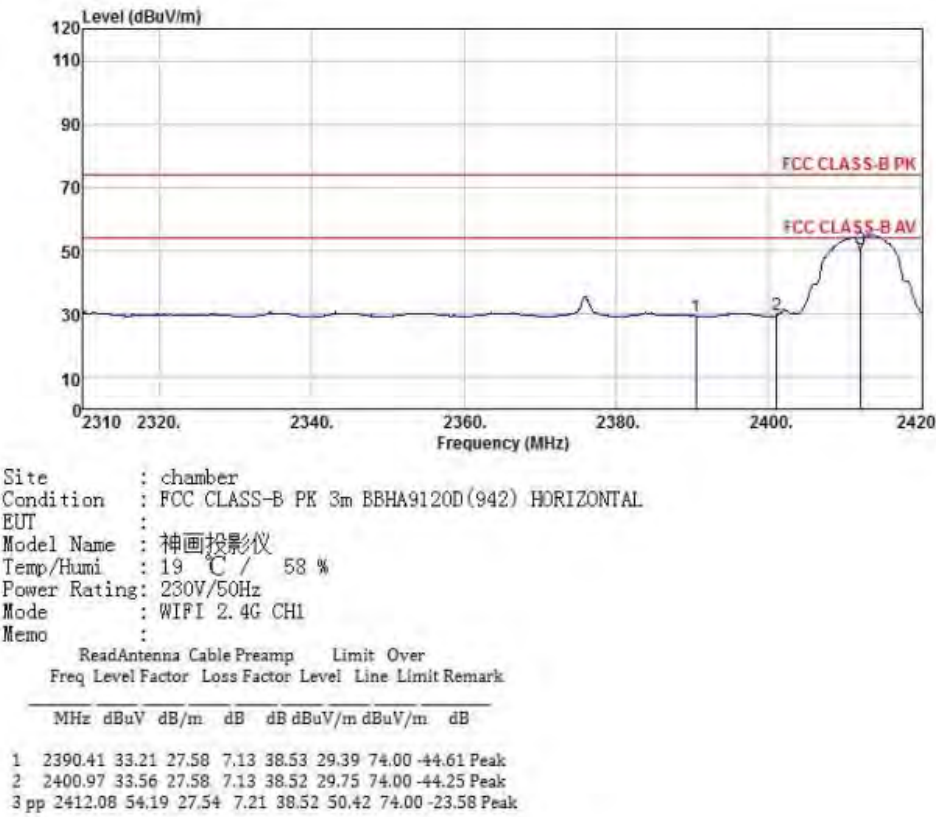


Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 2.4G CH1
Memo :
ReadAntenna Cable Preamp Limit Over
Freq Level Factor Loss Factor Level Line Limit Remark

MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 2375.09	49.21	27.65	7.16	38.53	45.49	74.00	-28.51 Peak
2 2400.86	48.35	27.58	7.13	38.52	44.54	74.00	-29.46 Peak
3 pp 2412.96	60.83	27.54	7.21	38.52	57.06	74.00	-16.94 Peak

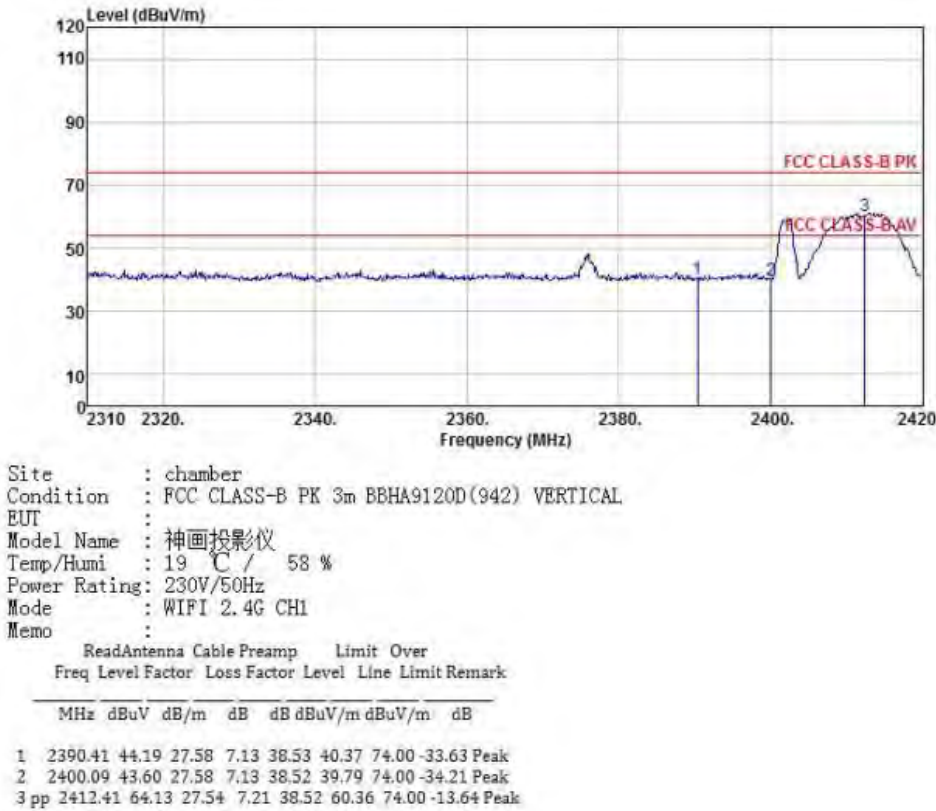
Detector mode: Average

Polarity: Horizontal



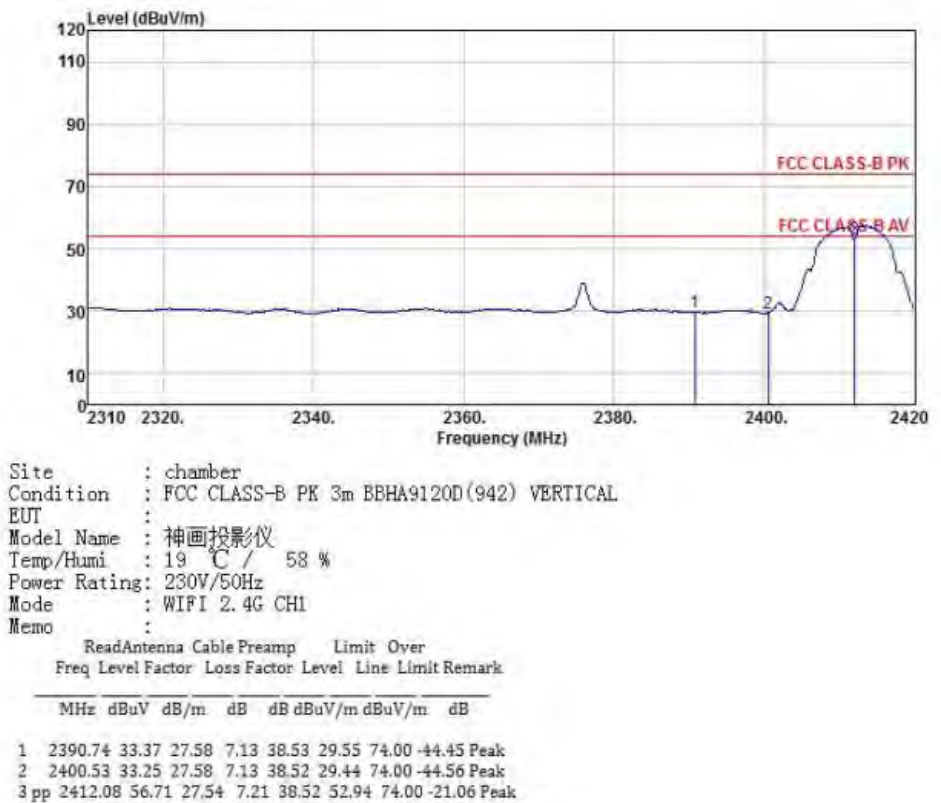
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

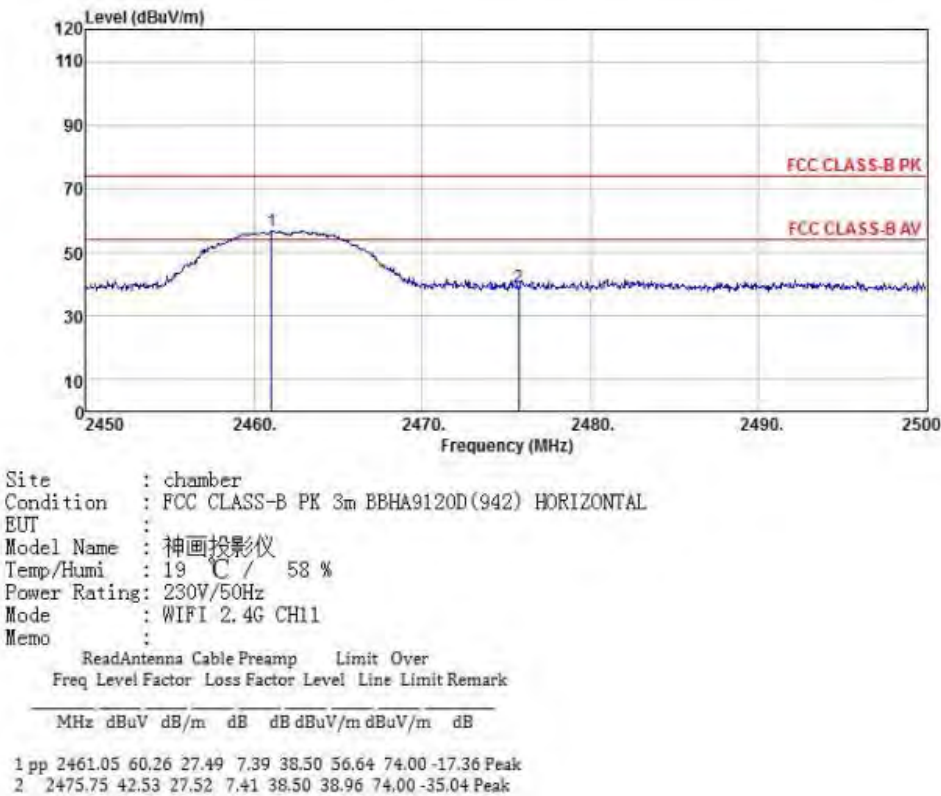
Polarity: Vertical



802.11b (Ch11)

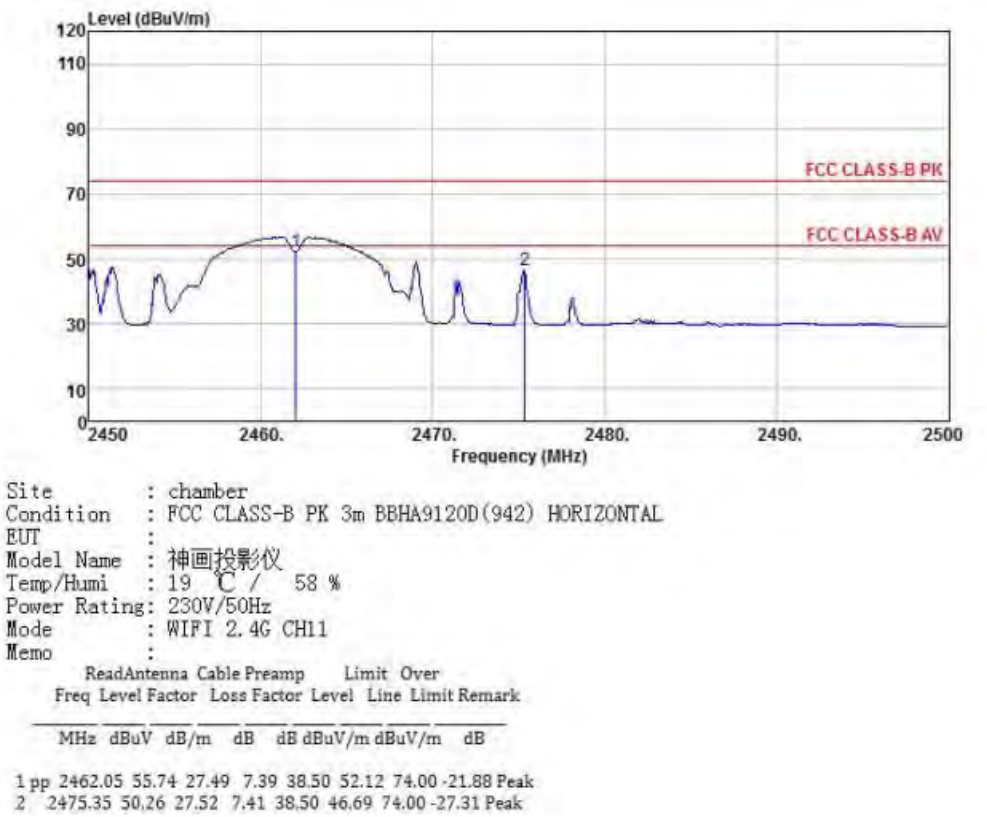
Detector mode: Peak

Polarity: Horizontal



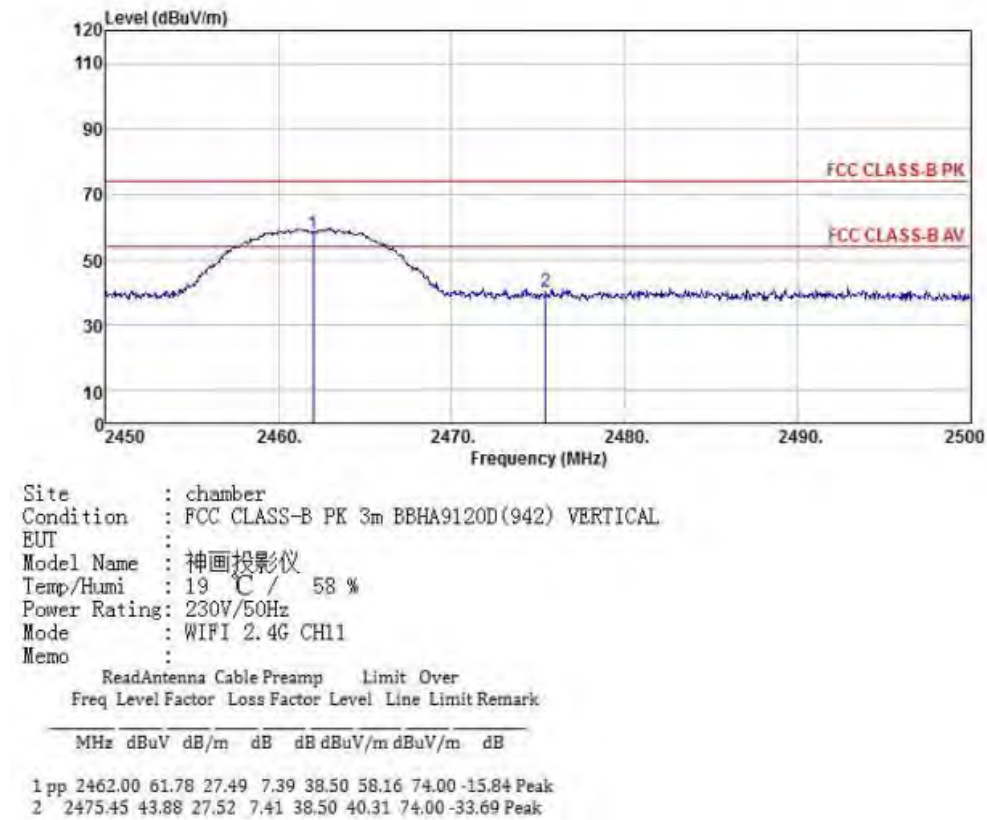
Detector mode: Average

Polarity: Horizontal



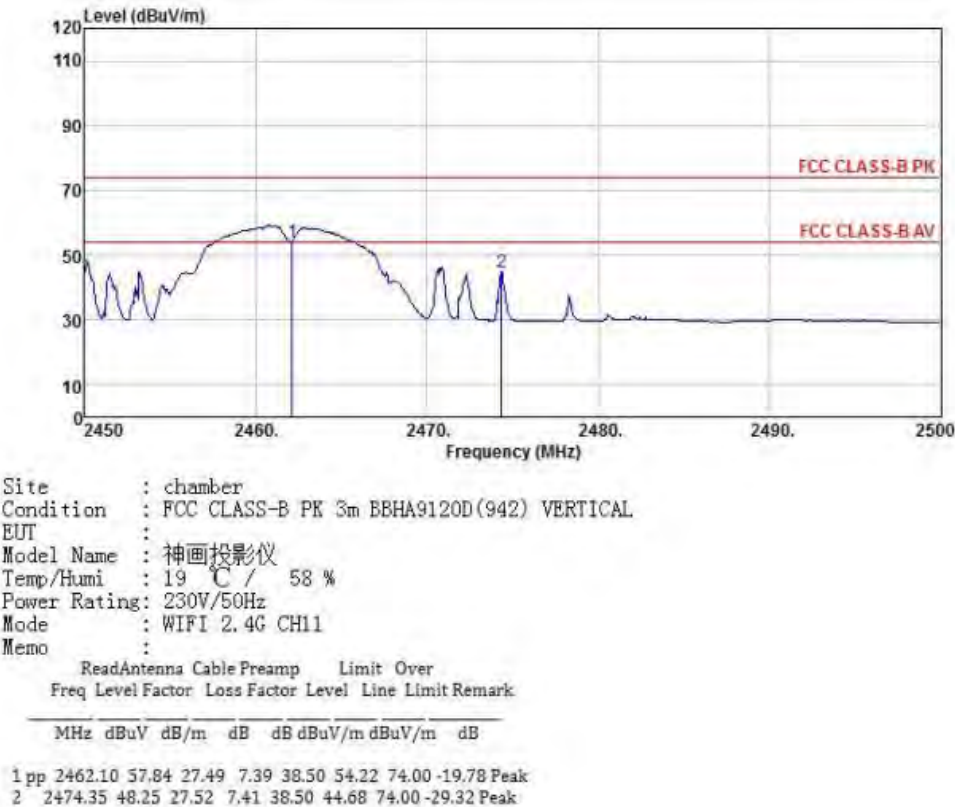
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

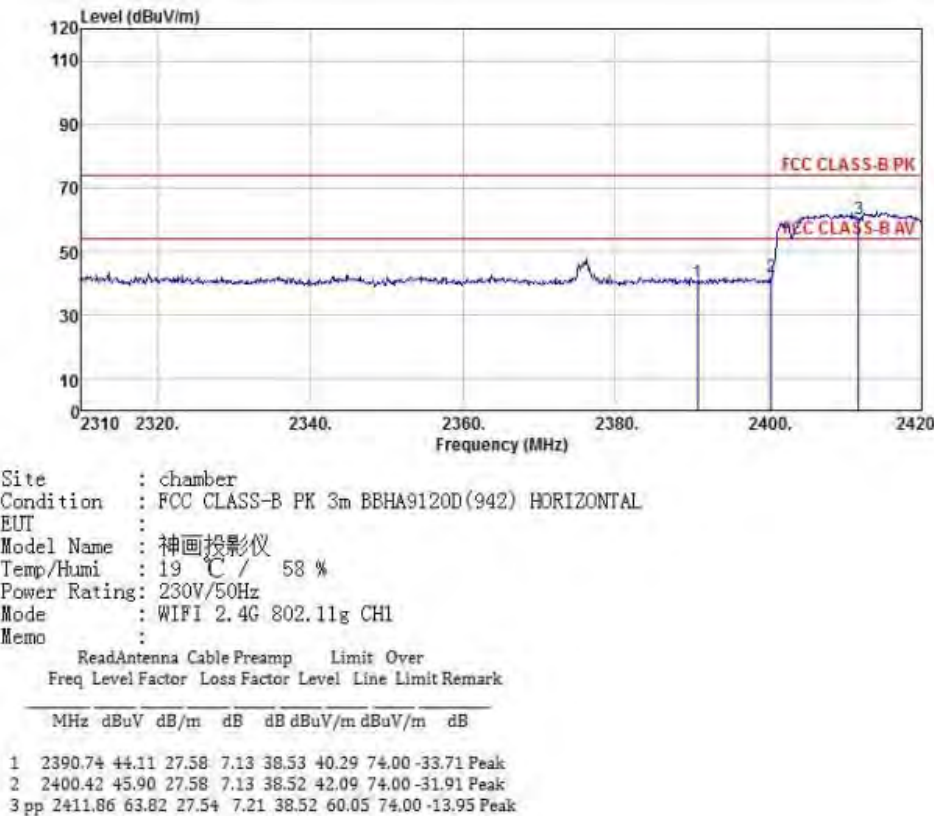
Polarity: Vertical



802.11g (Ch1)

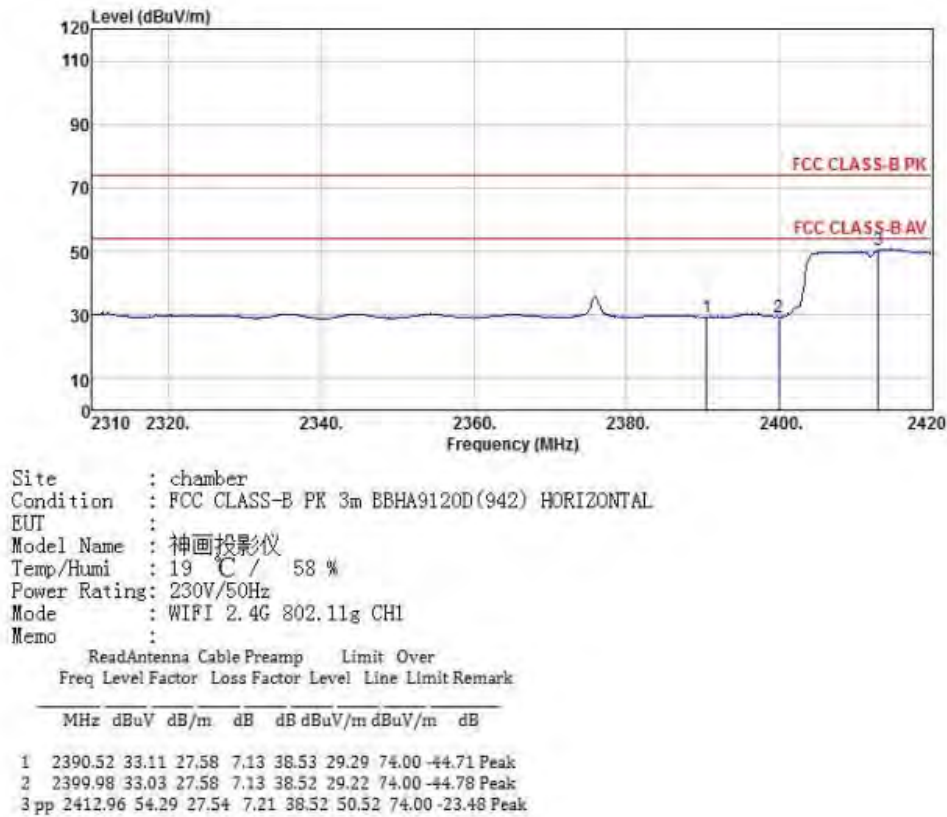
Detector mode: Peak

Polarity: Horizontal



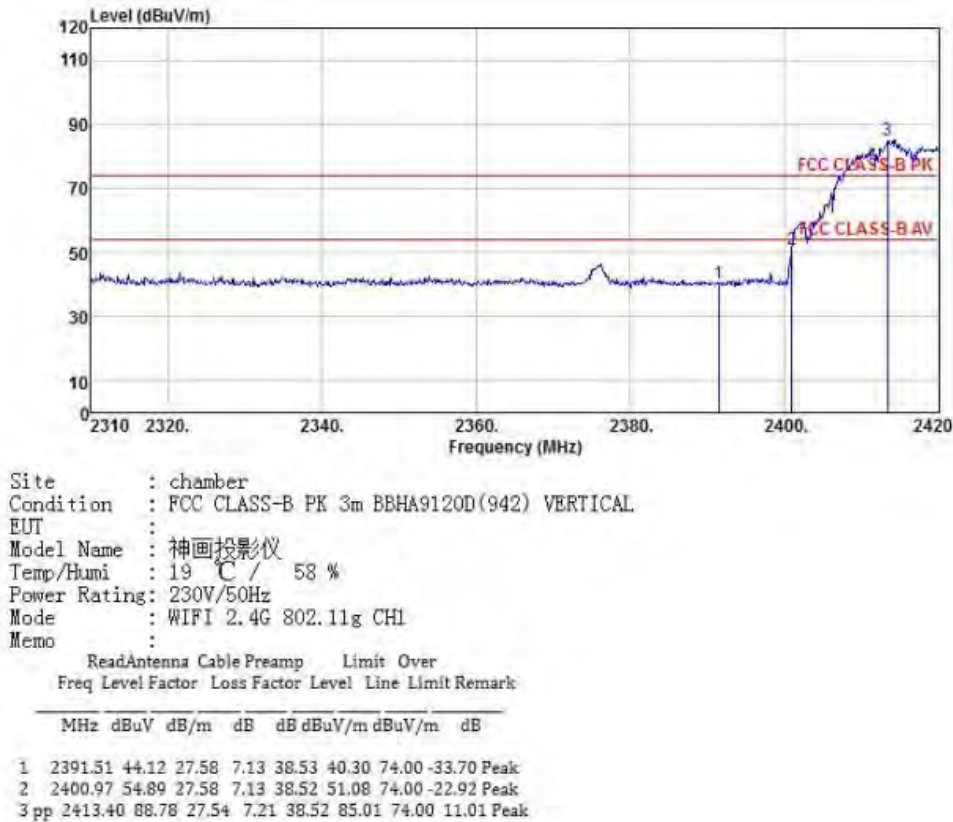
Detector mode: Average

Polarity: Horizontal



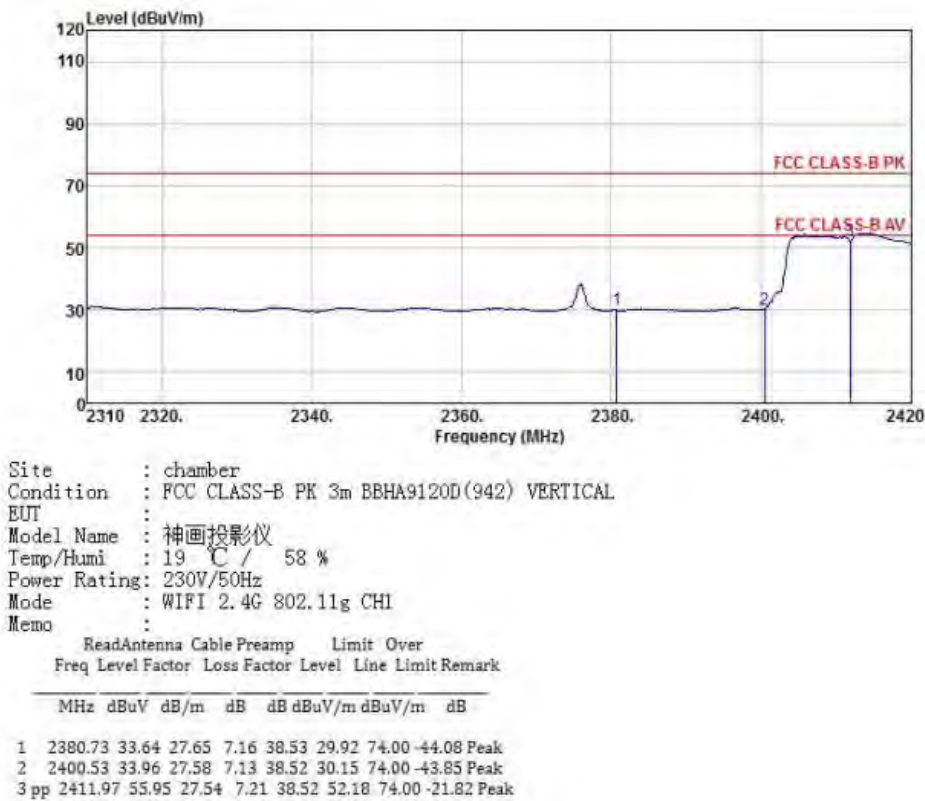
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

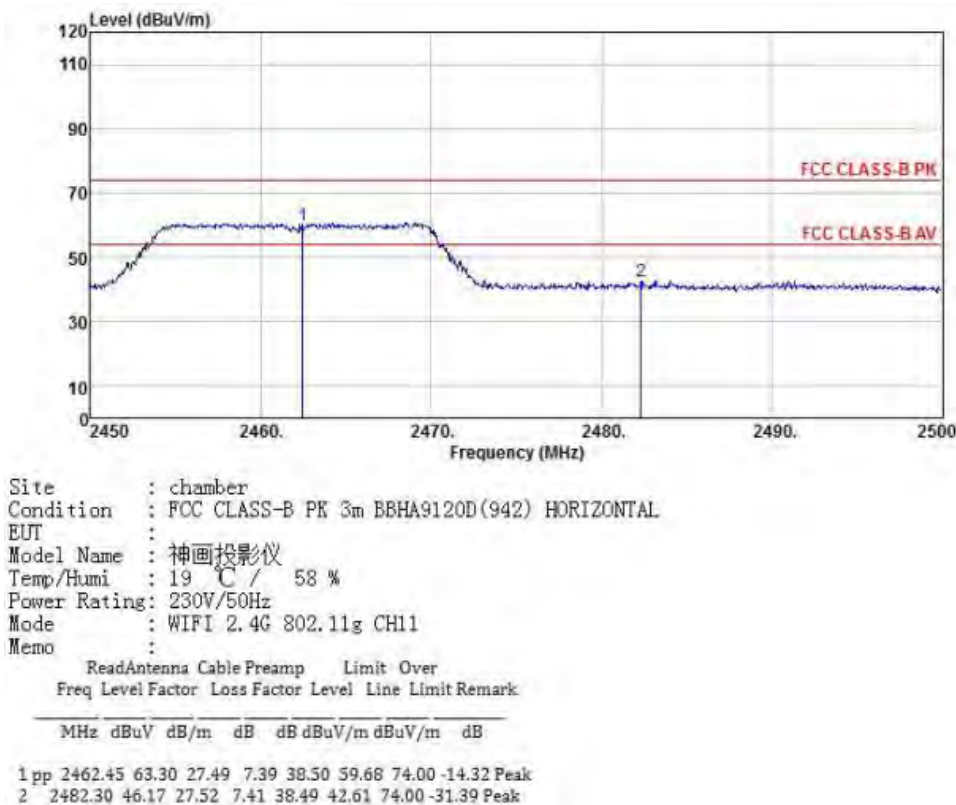
Polarity: Vertical



802.11g (Ch11)

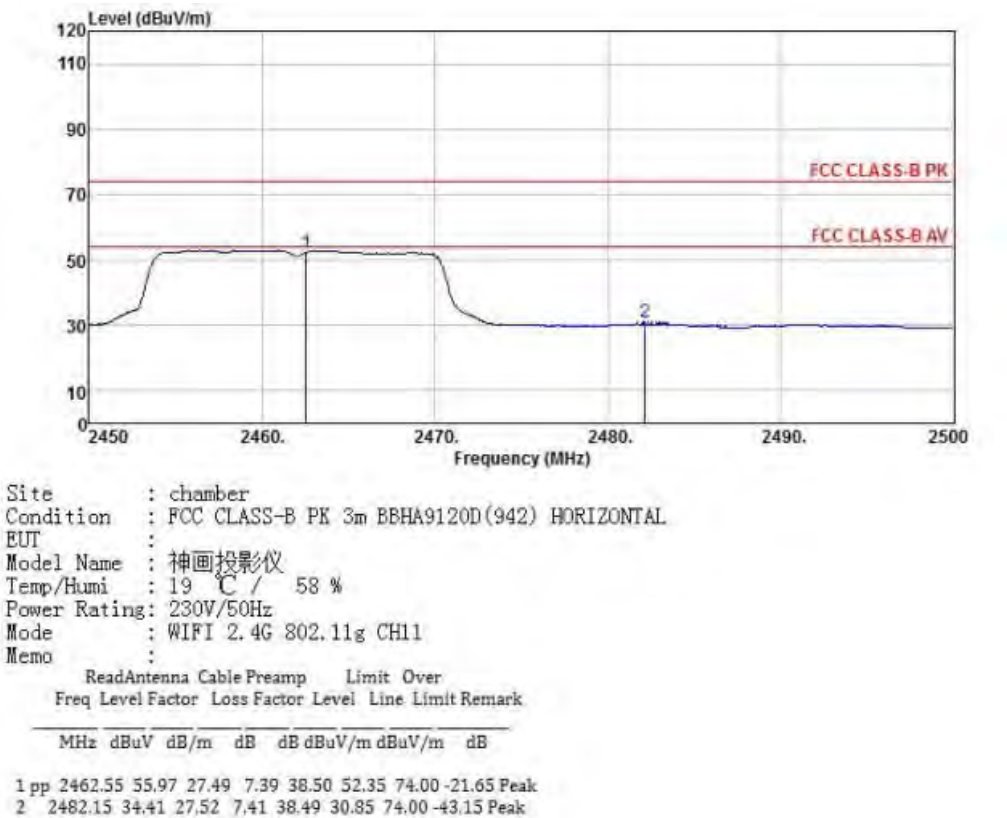
Detector mode: Peak

Polarity: Horizontal



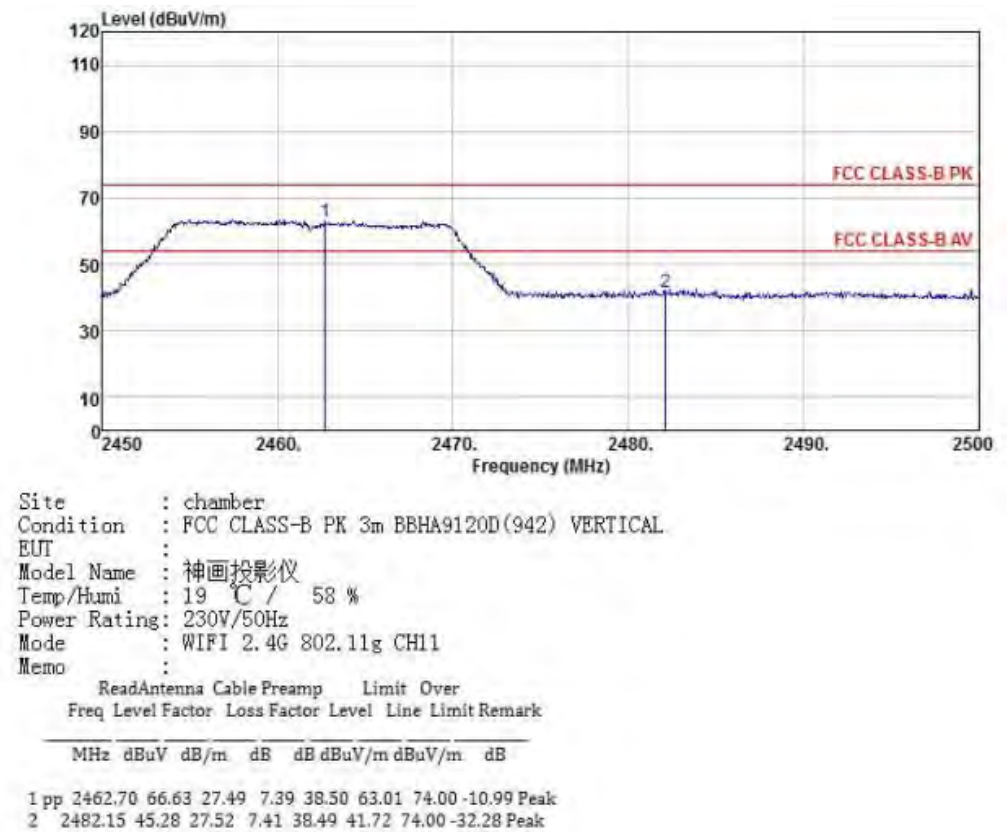
Detector mode: Average

Polarity: Horizontal



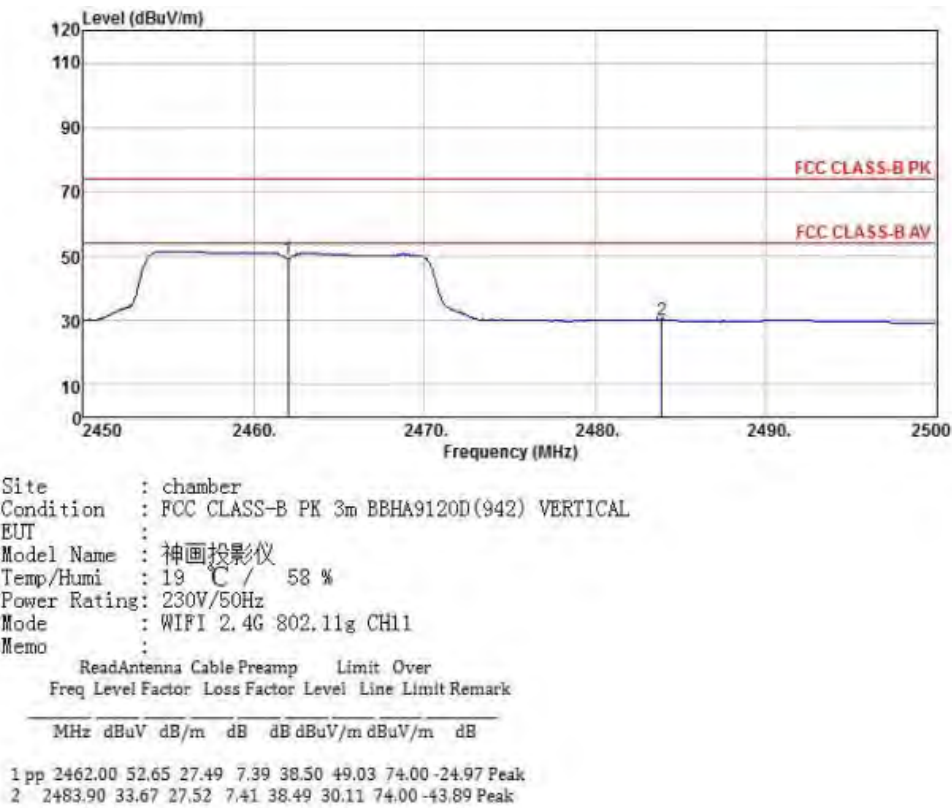
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

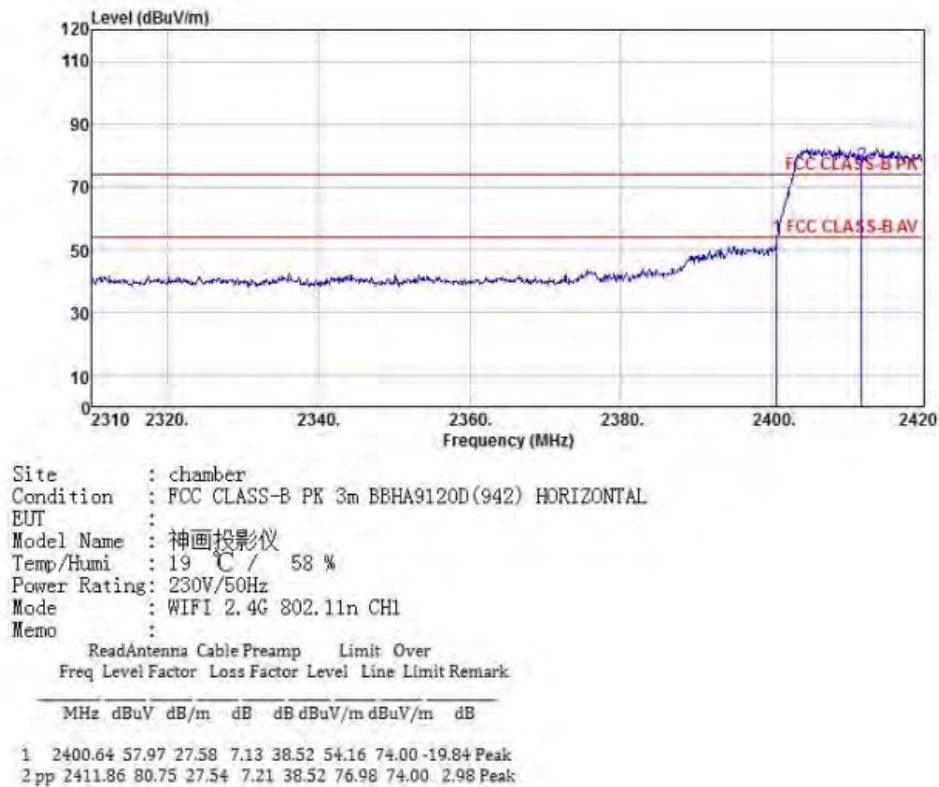
Polarity: Vertical



802.11n20 (Ch1)

Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



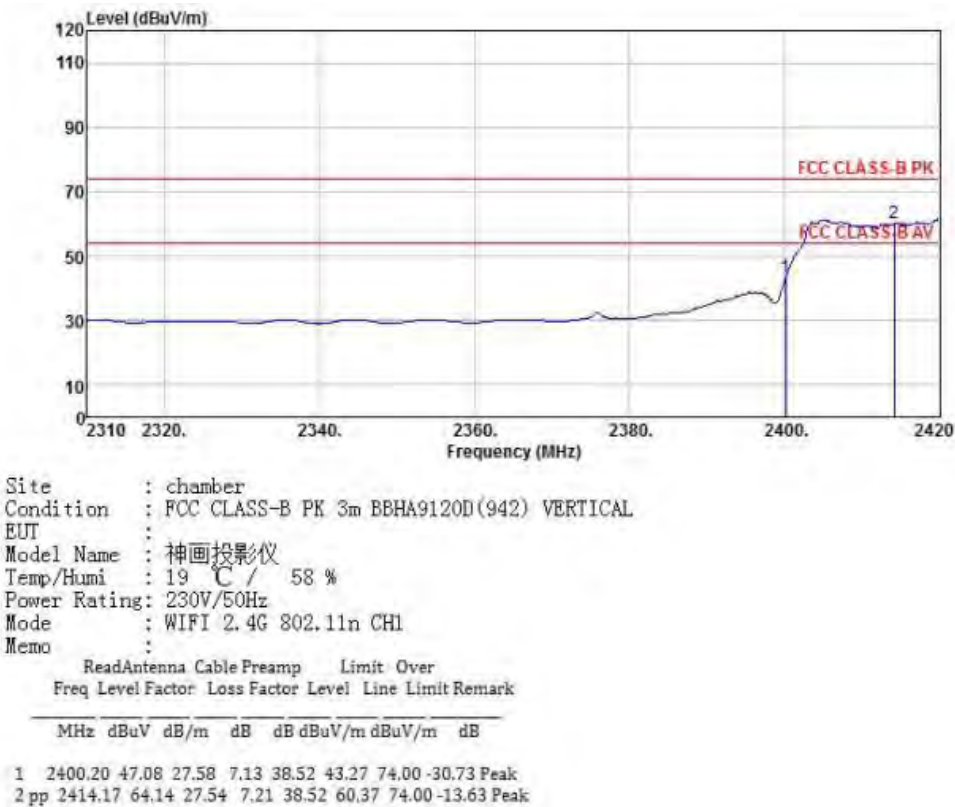
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

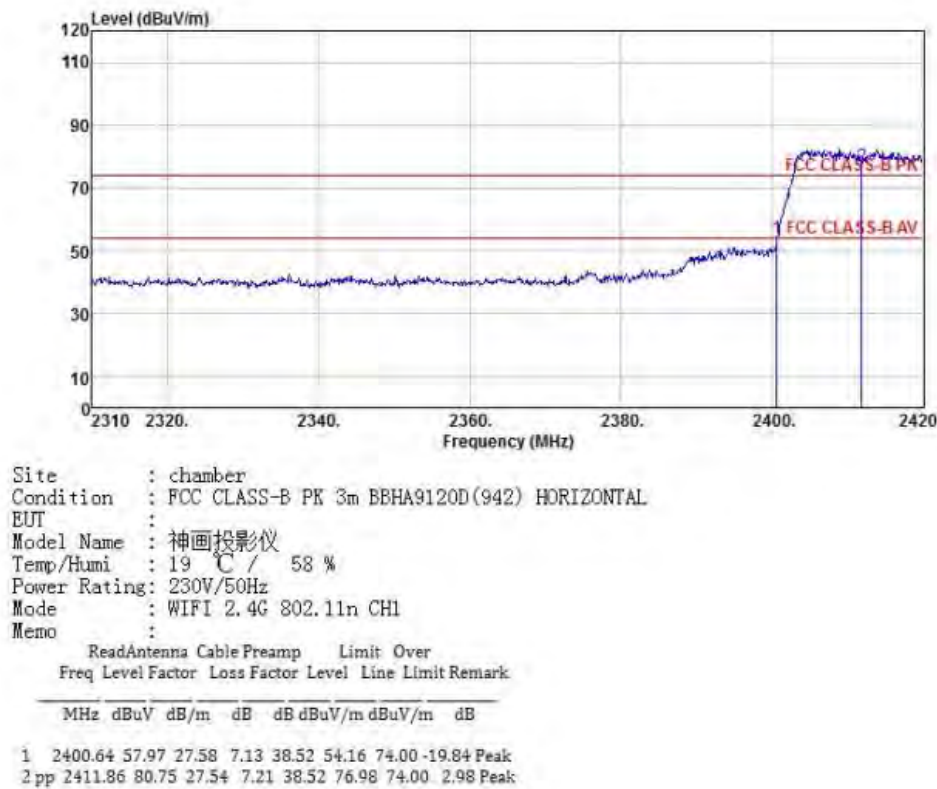
Polarity: Vertical



802.11n20 (Ch1)(mimo)

Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



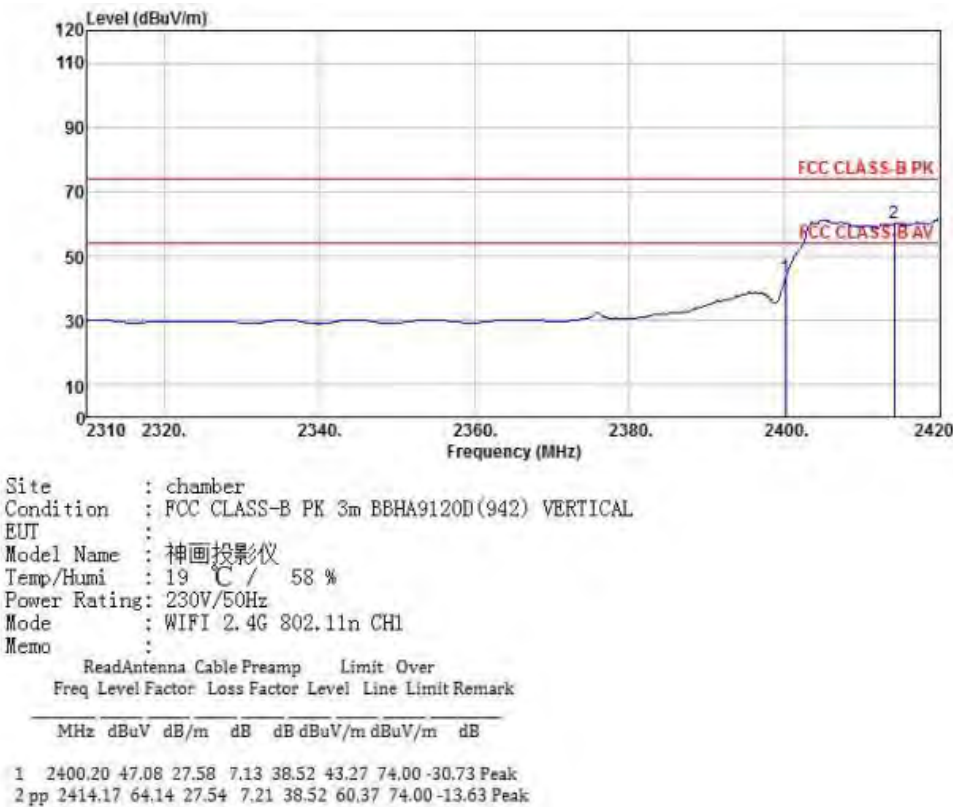
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

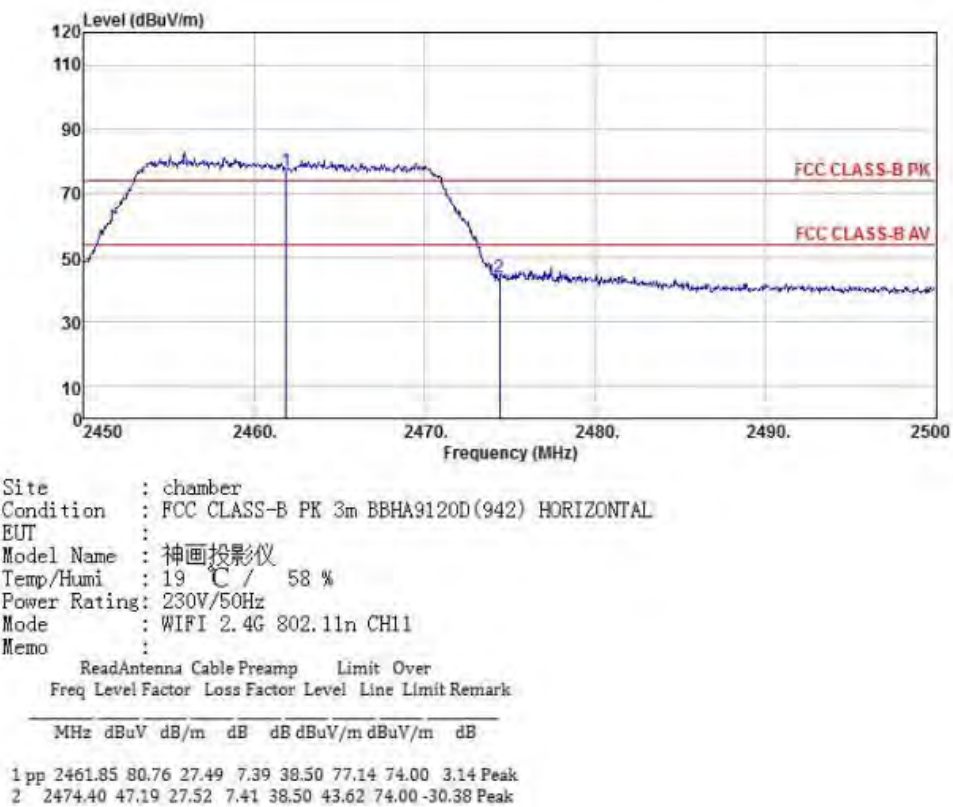
Polarity: Vertical



802.11n20 (Ch11)

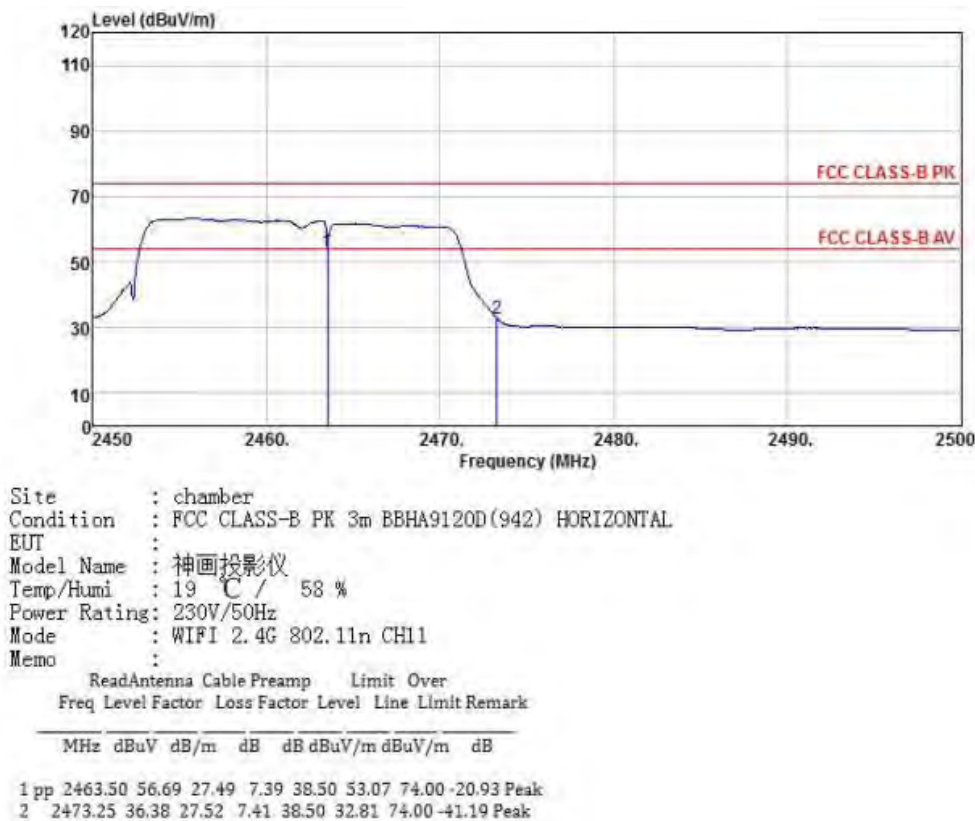
Detector mode: Peak

Polarity: Horizontal



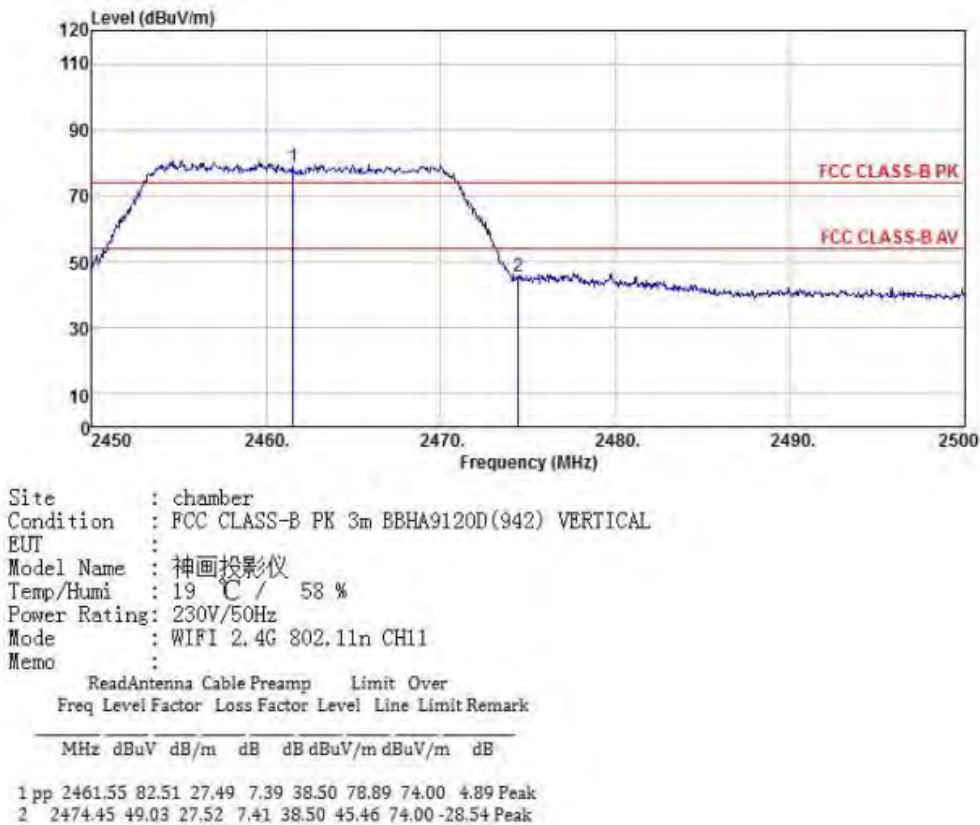
Detector mode: Average

Polarity: Horizontal



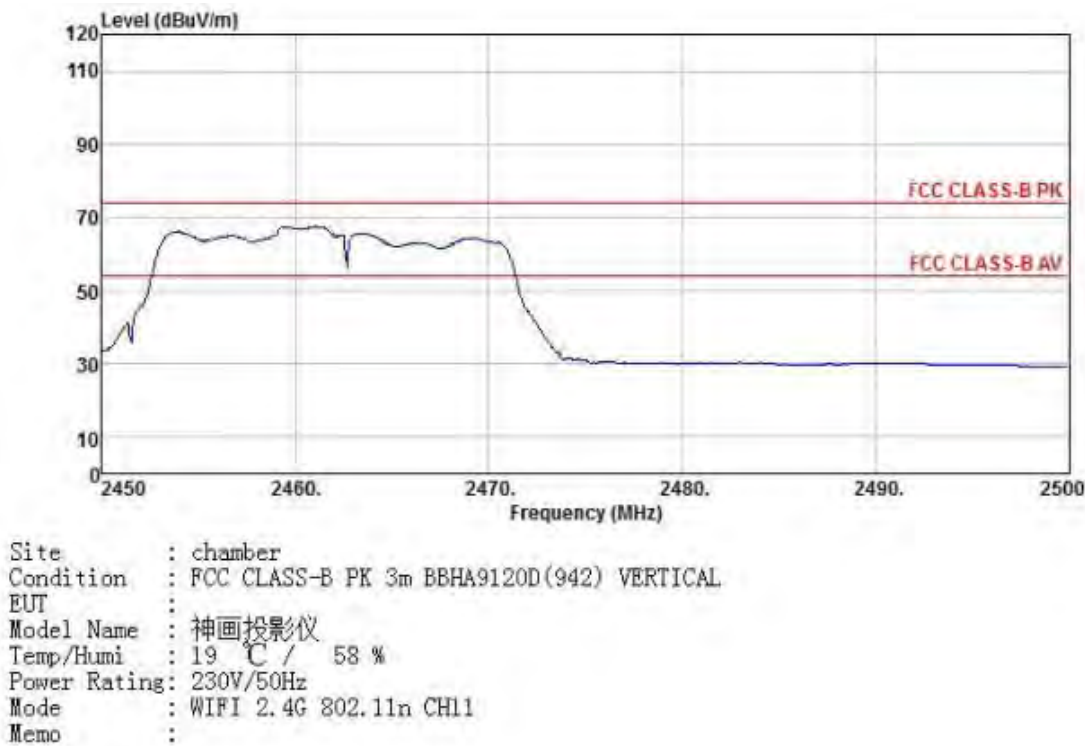
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

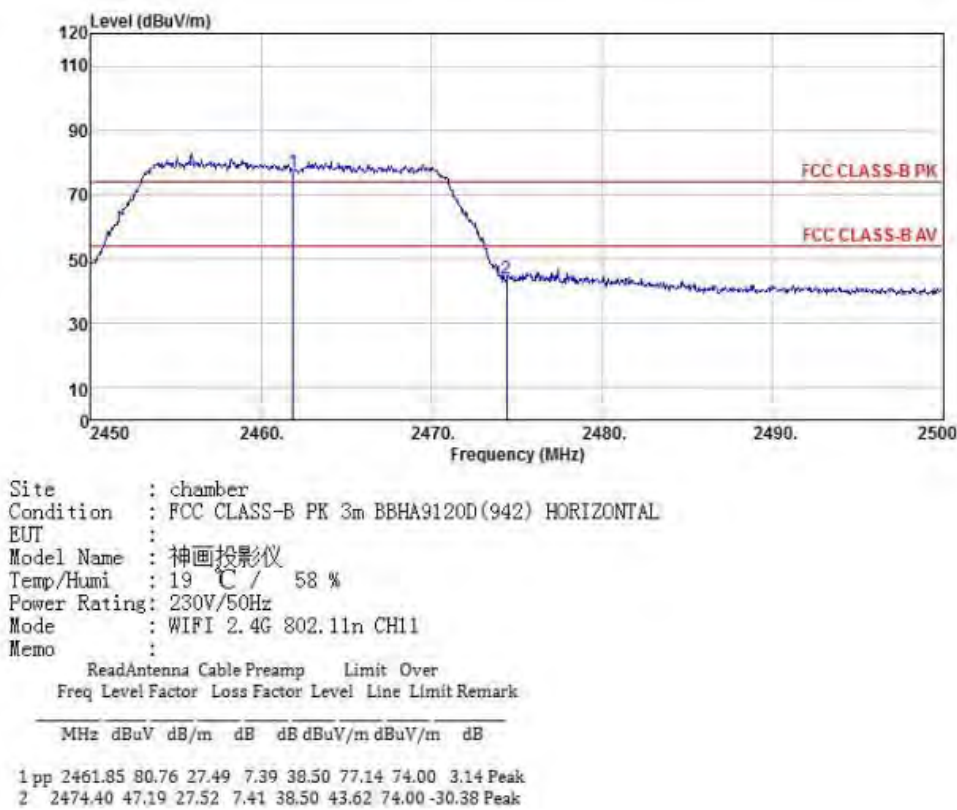
Polarity: Vertical



802.11n20 (Ch11)(mimo)

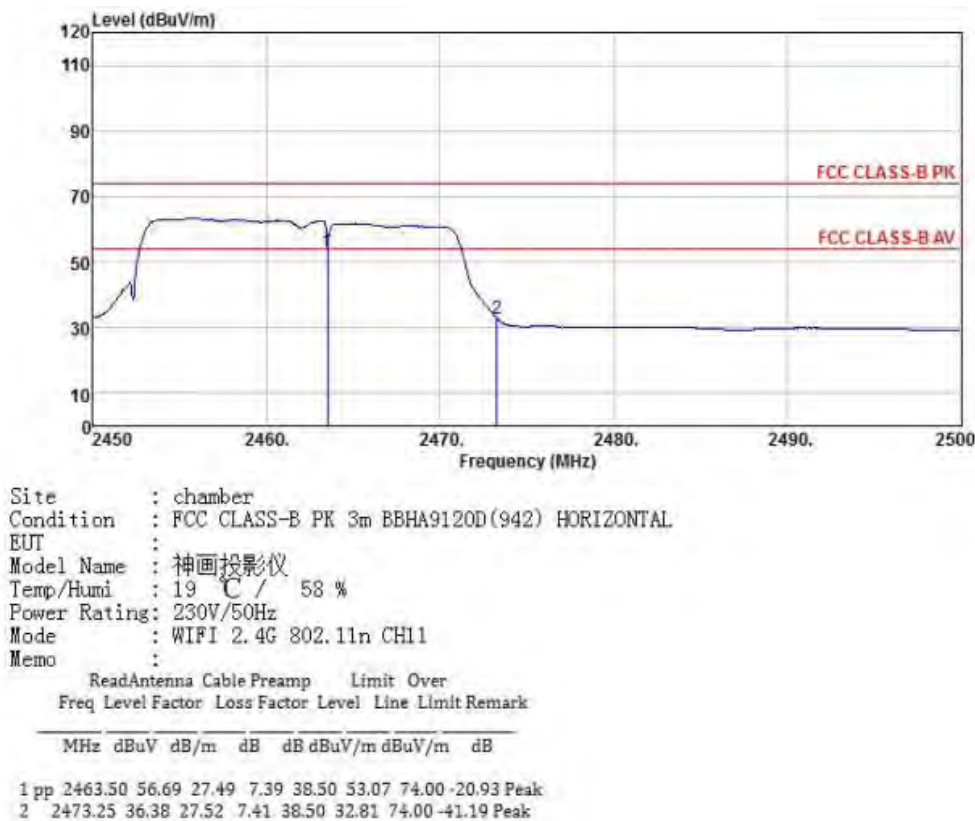
Detector mode: Peak

Polarity: Horizontal



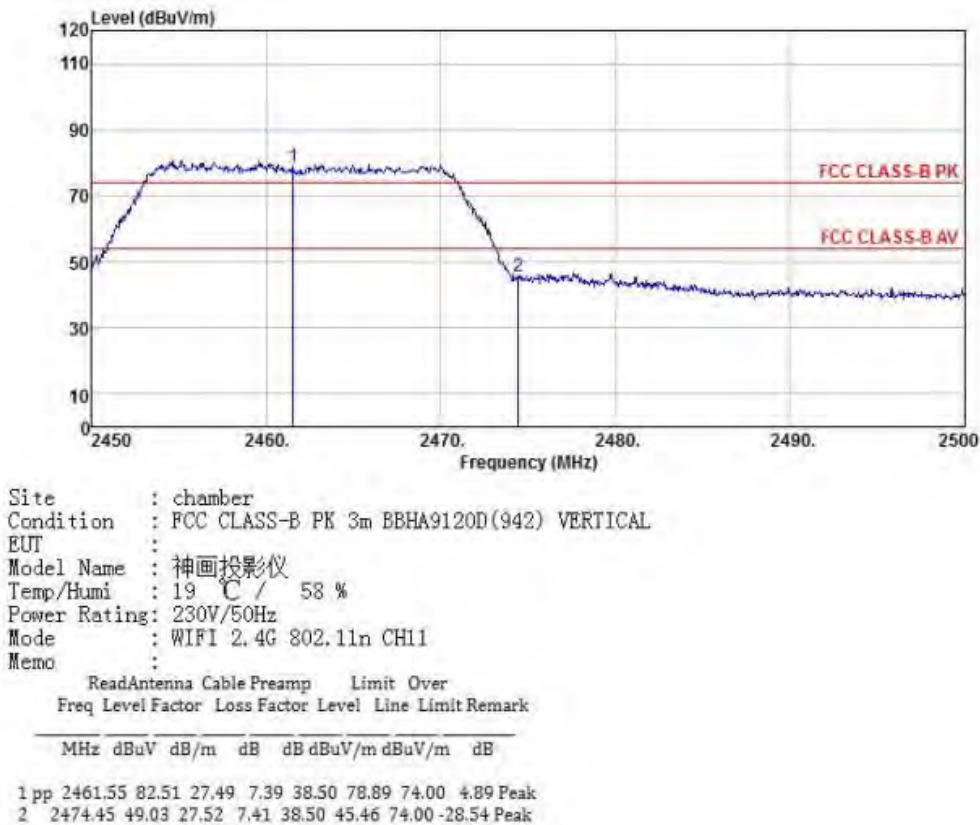
Detector mode: Average

Polarity: Horizontal



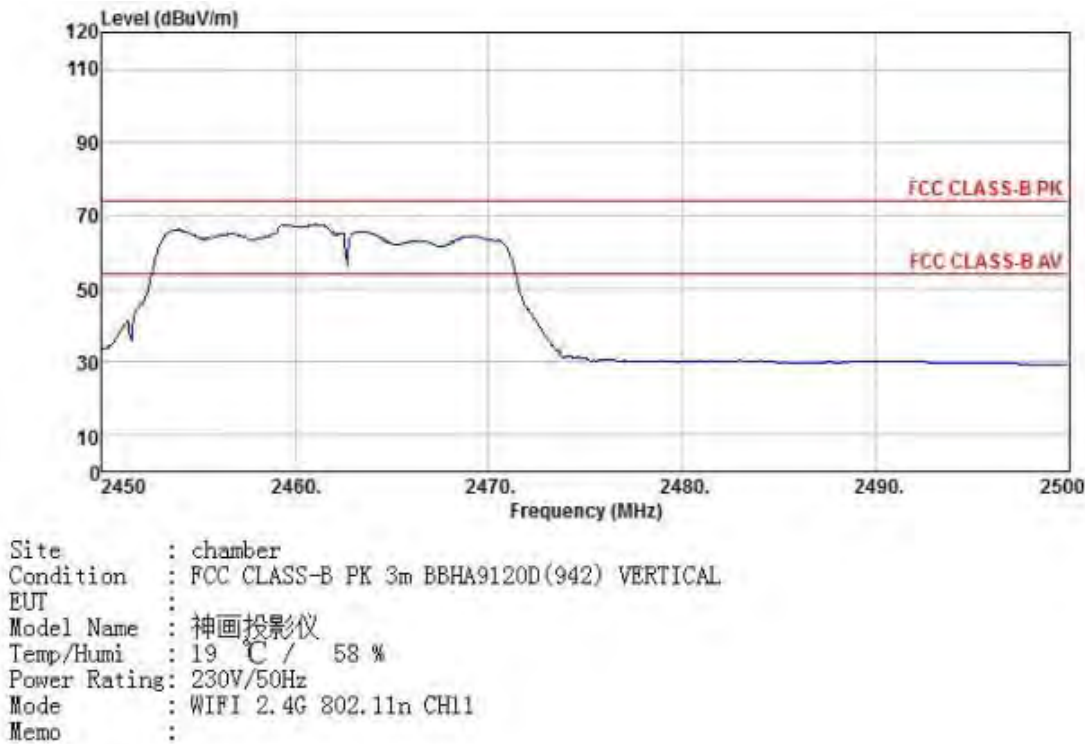
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical

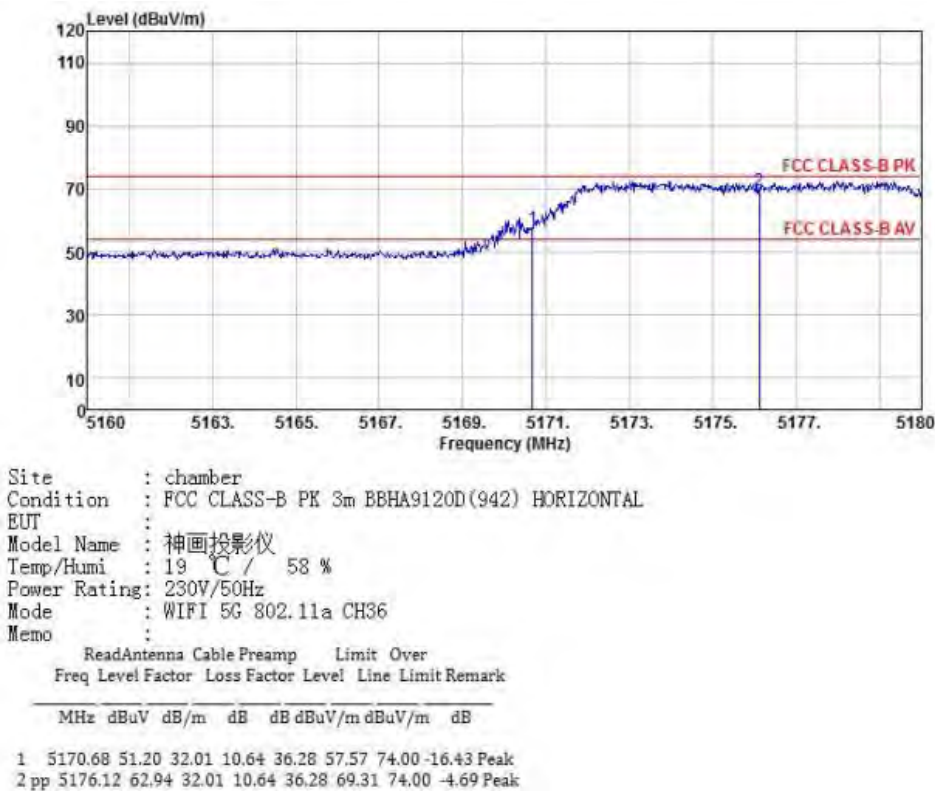


WIFI 5G(5150MHz-5250MHz)

802.11a (Ch36)

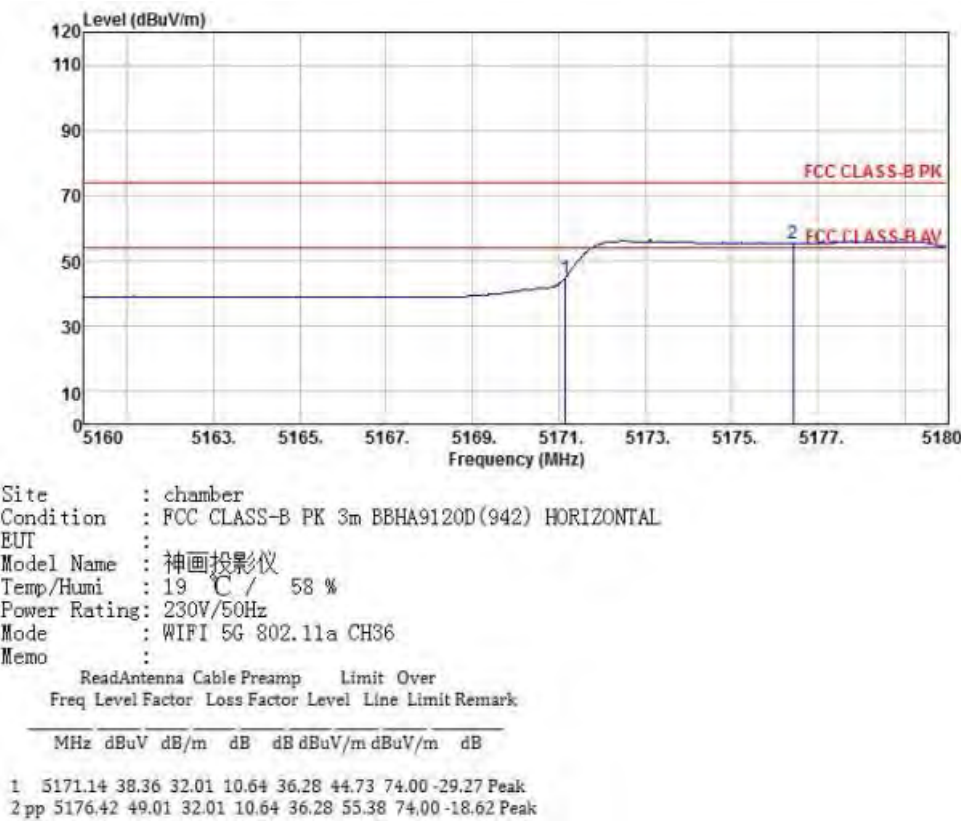
Detector mode: Peak

Polarity: Horizontal



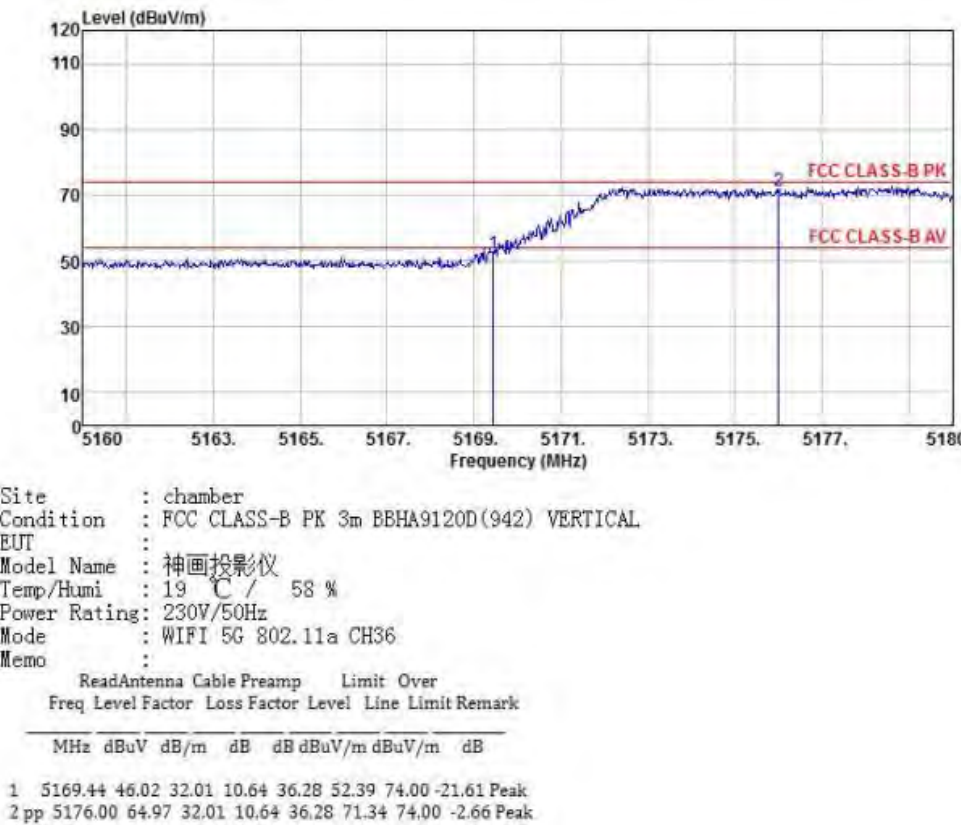
Detector mode: Average

Polarity: Horizontal



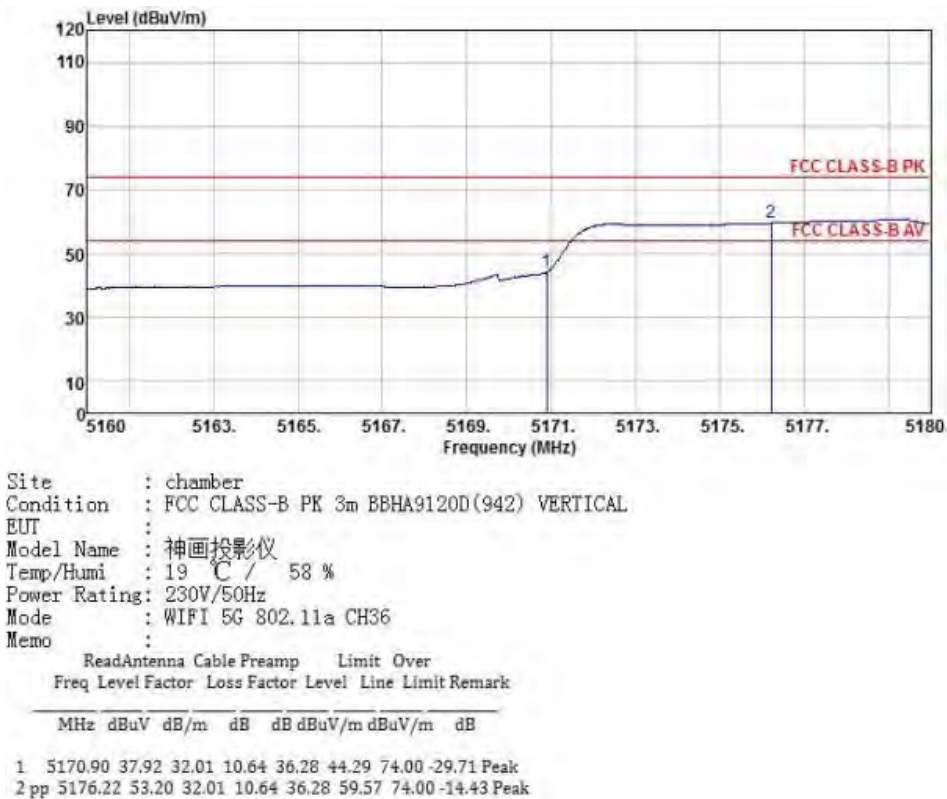
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

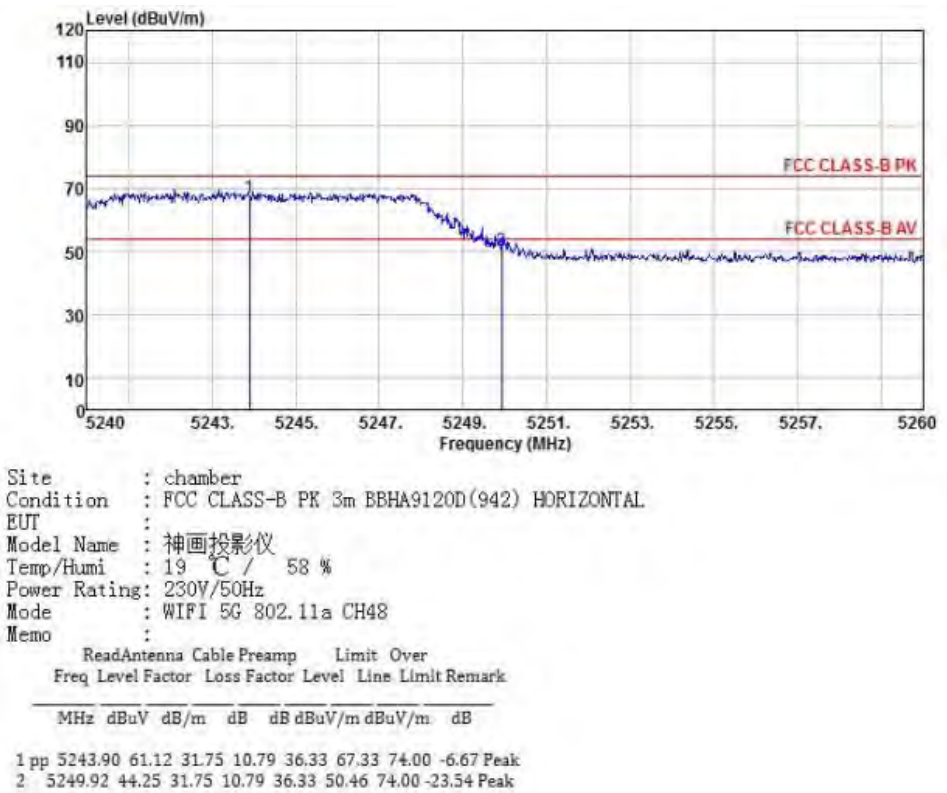
Polarity: Vertical



802.11a (Ch48)

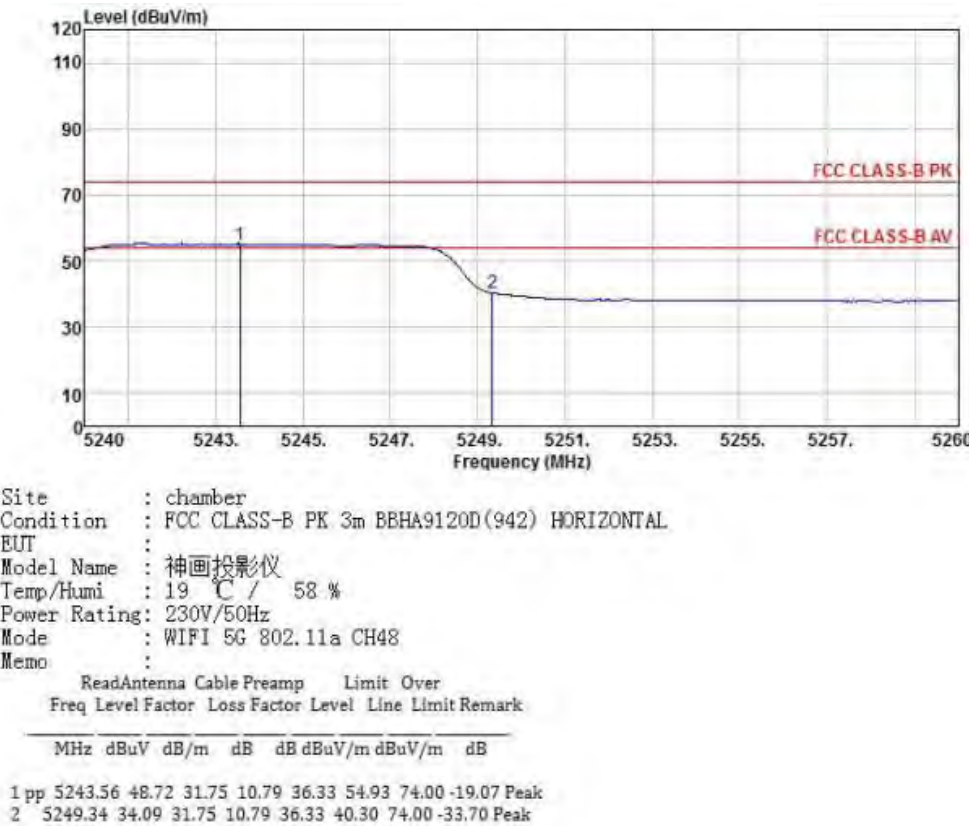
Detector mode: Peak

Polarity: Horizontal



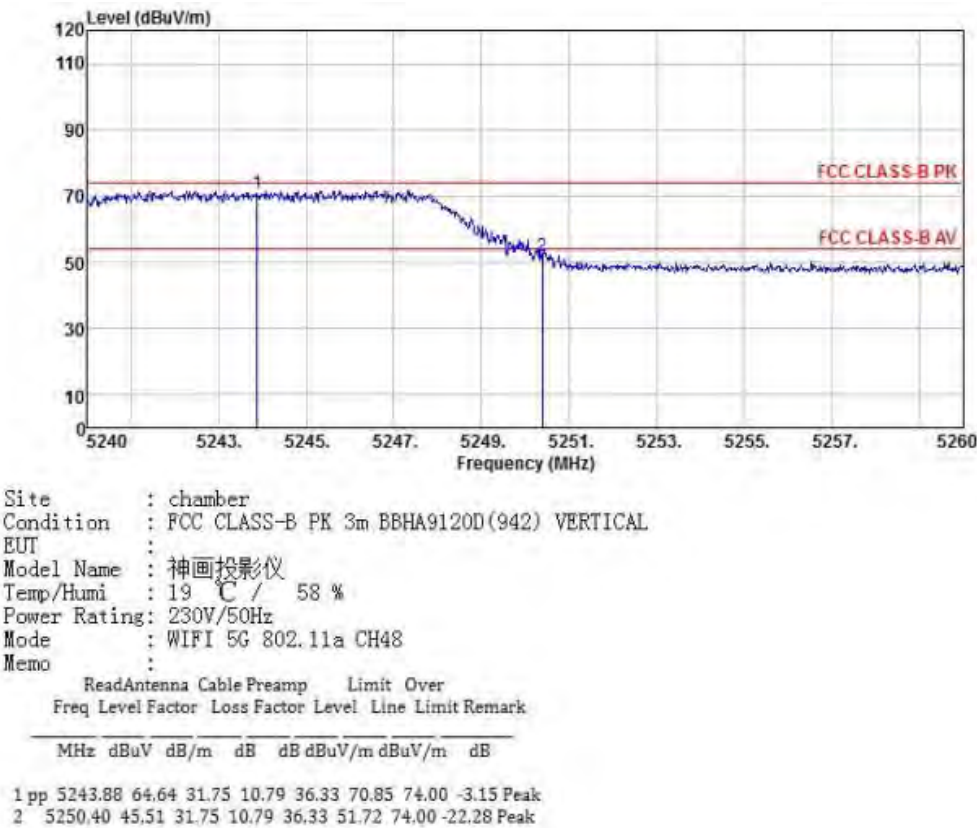
Detector mode: Average

Polarity: Horizontal



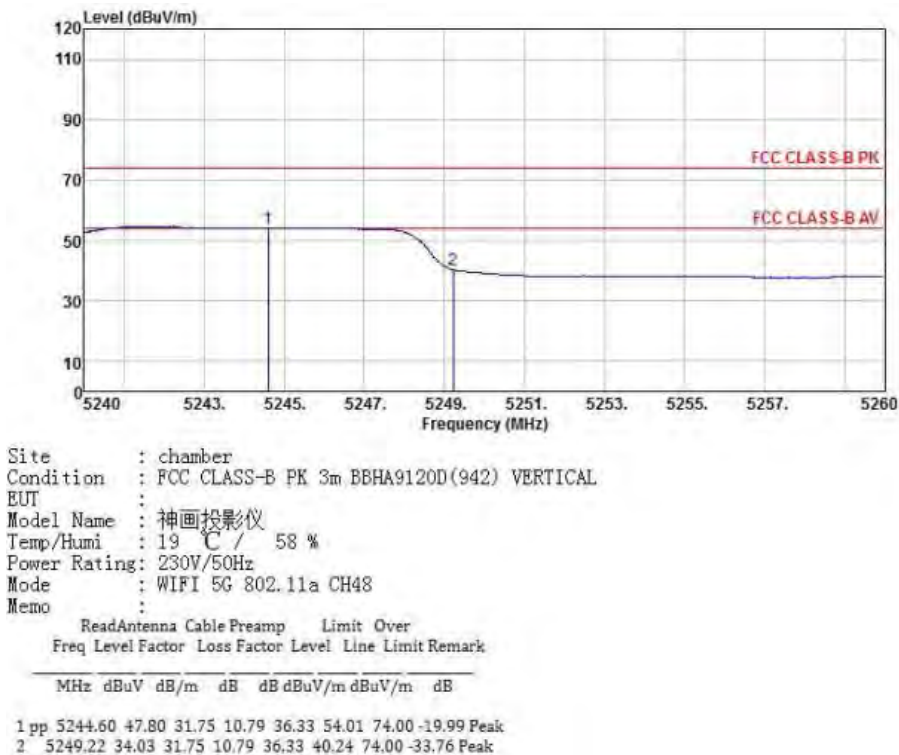
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

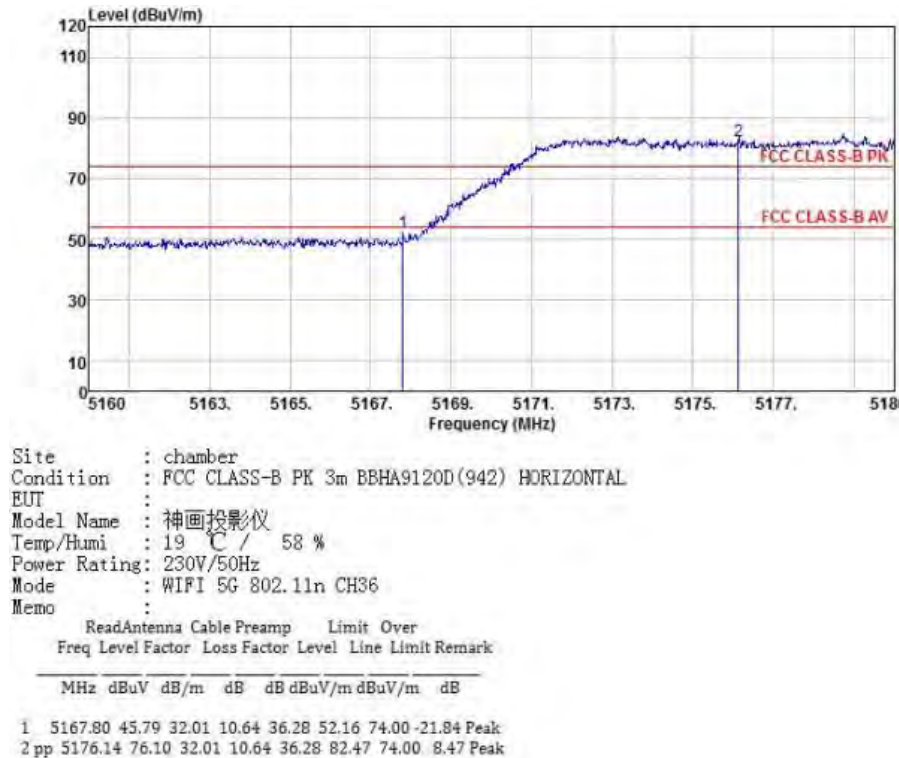
Polarity: Vertical



802.11n20 (Ch36)

Detector mode: Peak

Polarity: Horizontal



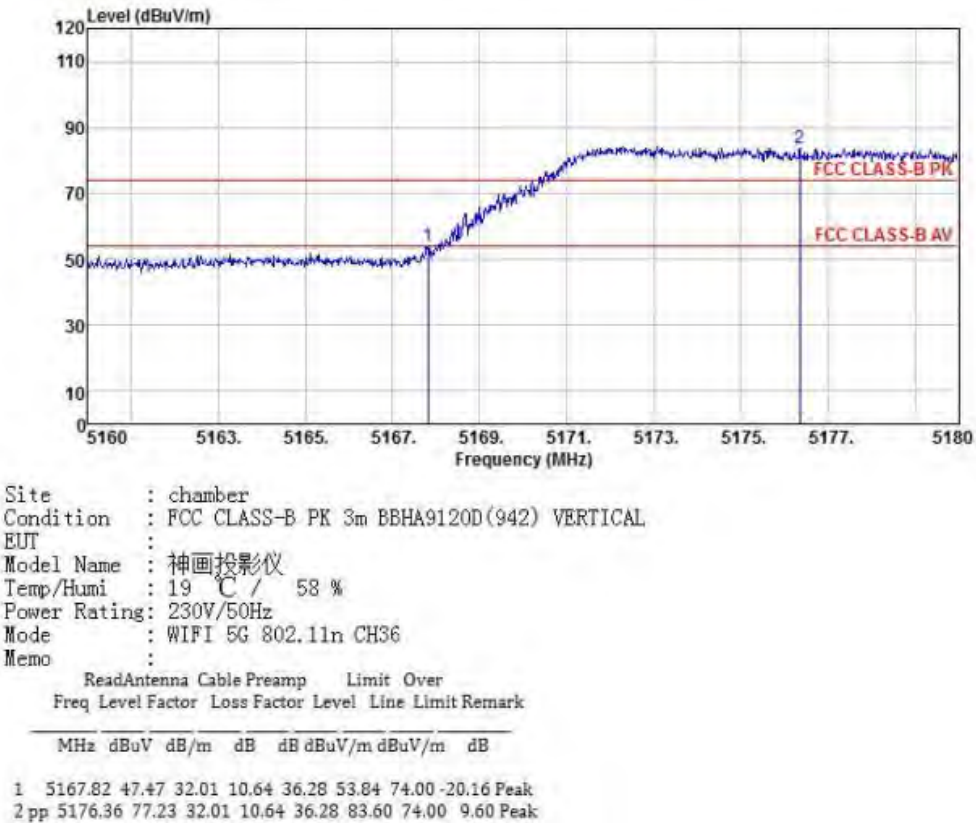
Detector mode: Average

Polarity: Horizontal



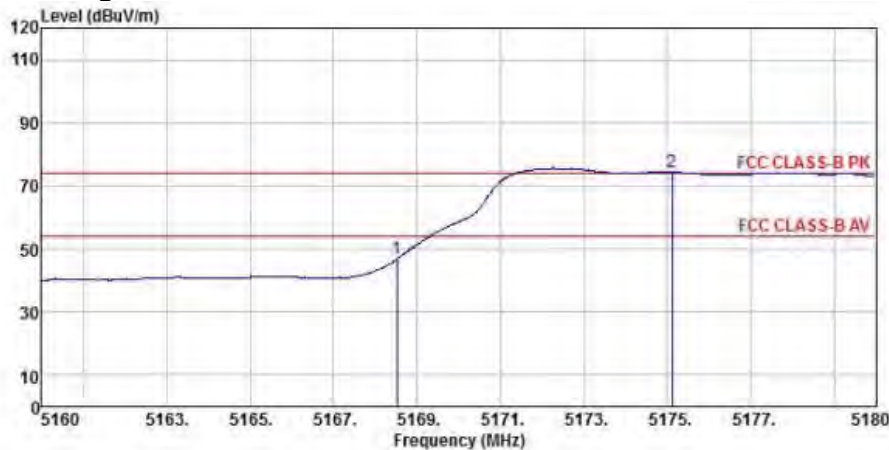
Detector mode: Peak

Polarity: Vertical



Detector mode: Average

Polarity: Vertical



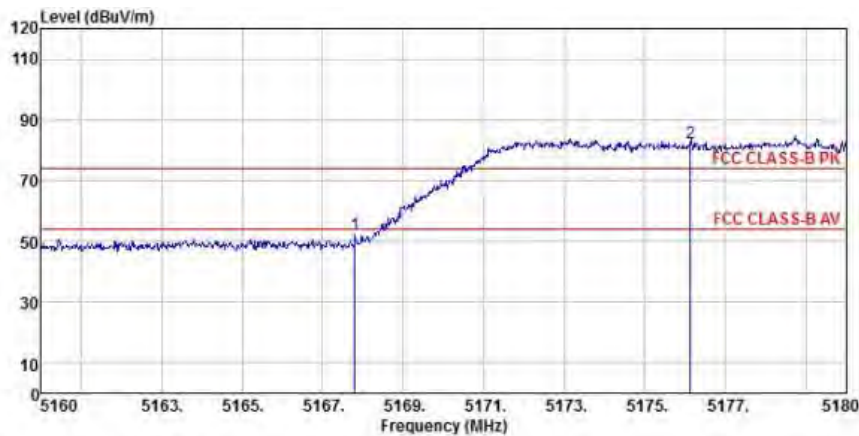
Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) VERTICAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n CH36
Memo :

		ReadAntenna		Cable Preamp		Limit		Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark		
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
5168.52	40.40	32.01	10.64	36.28	46.77	74.00	-27.23	Peak		
5175.12	67.94	32.01	10.64	36.28	74.31	74.00	0.31	Peak		

802.11n20 (Ch36)(mimo)

Detector mode: Peak

Polarity: Horizontal



Site : chamber
Condition : FCC CLASS-B PK 3m BBHA9120D(942) HORIZONTAL
EUT :
Model Name : 神画投影仪
Temp/Humi : 19 °C / 58 %
Power Rating: 230V/50Hz
Mode : WIFI 5G 802.11n CH36
Memo :

		ReadAntenna		Cable Preamp		Limit		Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark		
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
5167.80	45.79	32.01	10.64	36.28	52.16	74.00	-21.84	Peak		
pp 5176.14	76.10	32.01	10.64	36.28	82.47	74.00	8.47	Peak		

Detector mode: Average

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

