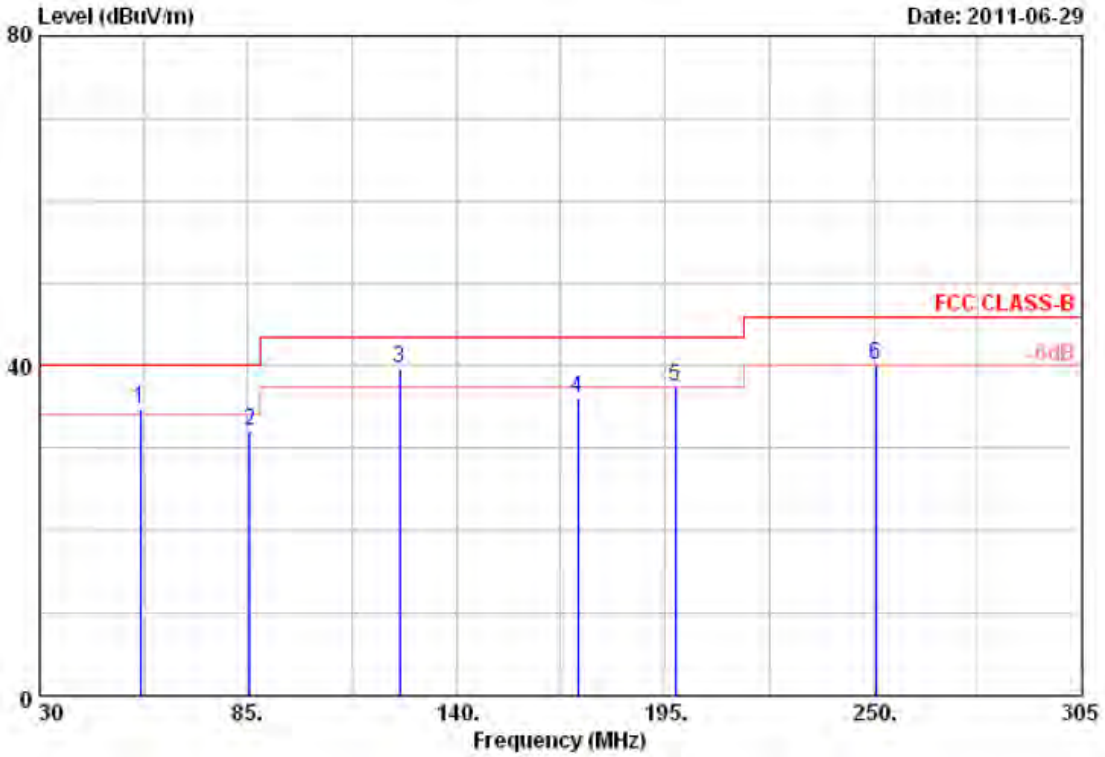
Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	60 %

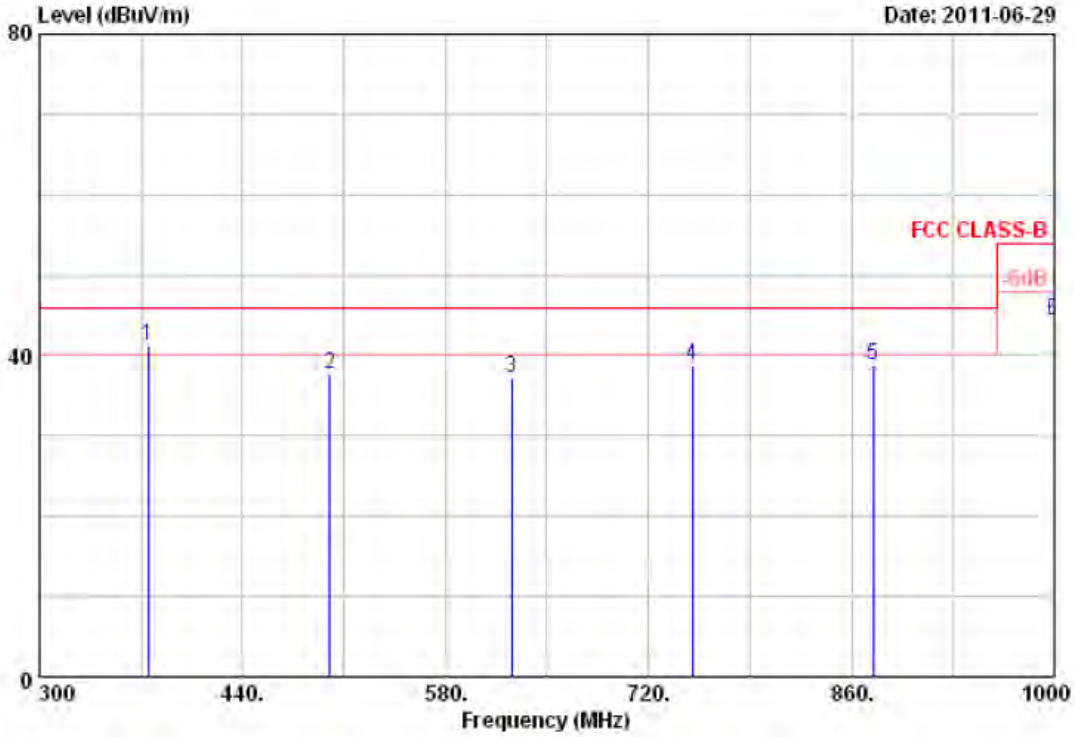


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	56.60	41.57	-6.78	34.79	40.00	-5.21	QP	100	360
2	85.50	34.53	-2.44	32.09	40.00	-7.91	Peak	100	360
3	125.00	37.54	2.22	39.76	43.50	-3.74	QP	100	360
4	172.00	42.45	-6.24	36.21	43.50	-7.29	Peak	100	360
5	197.60	41.49	-4.08	37.41	43.50	-6.09	Peak	100	360
6	250.50	45.53	-5.37	40.16	46.00	-5.84	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	60 %

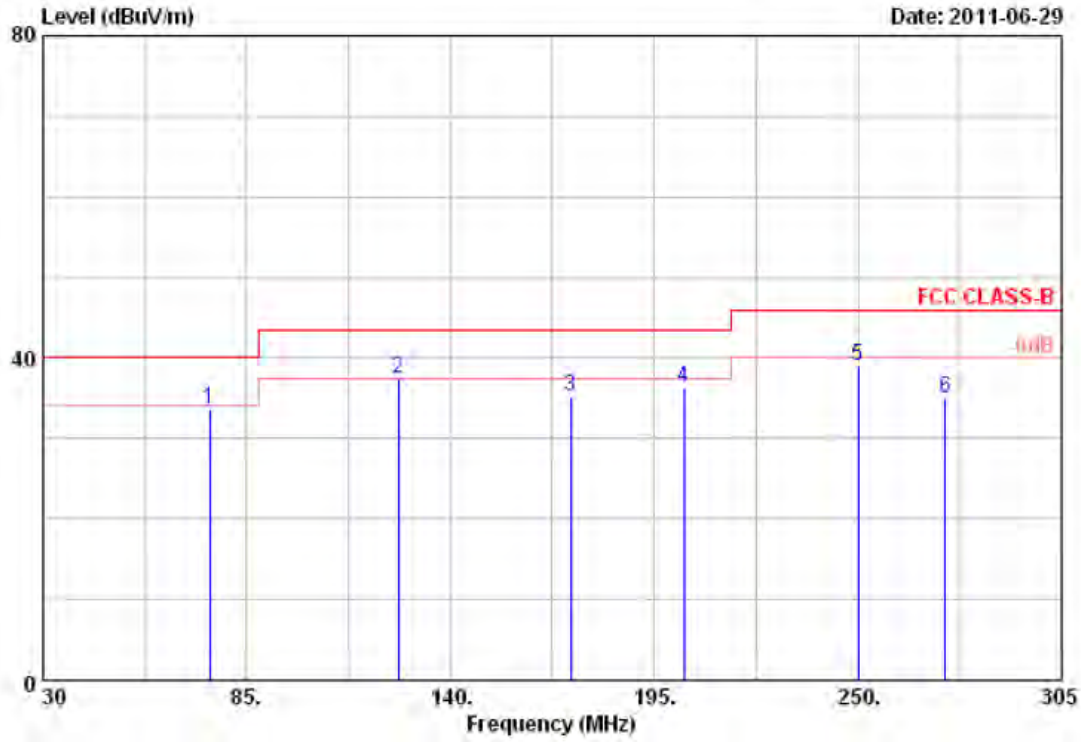


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.00	42.35	-1.09	41.26	46.00	-4.74	QP	100	0
2	500.00	36.37	1.30	37.67	46.00	-8.33	Peak	100	0
3	625.50	32.58	4.73	37.31	46.00	-8.69	Peak	100	0
4	750.50	25.59	13.18	38.77	46.00	-7.23	Peak	100	0
5	875.00	23.30	15.56	38.86	46.00	-7.14	Peak	100	0
6	999.90	32.57	11.81	44.38	54.00	-9.62	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	60 %

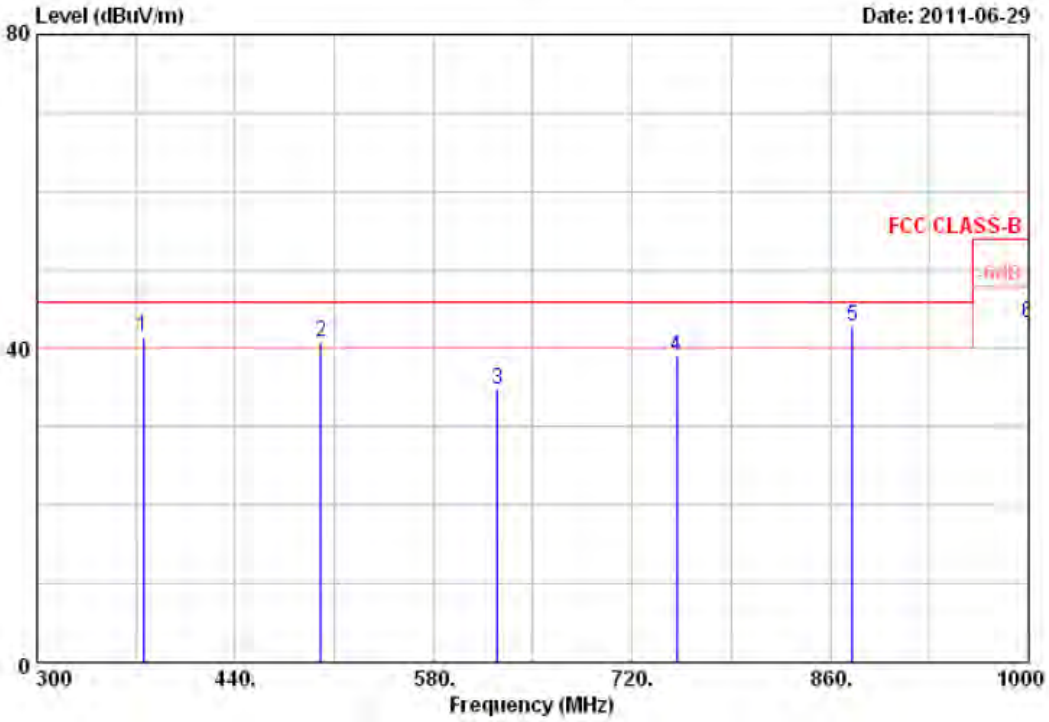


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	75.00	46.54	-12.92	33.62	40.00	-6.38	Peak	100	360
2	125.80	43.55	-6.12	37.43	43.50	-6.07	Peak	100	360
3	172.50	46.57	-11.46	35.11	43.50	-8.39	Peak	100	360
4	203.00	43.71	-7.40	36.31	43.50	-7.19	Peak	100	360
5	250.00	43.11	-4.01	39.10	46.00	-6.90	Peak	100	360
6	273.50	40.06	-4.98	35.08	46.00	-10.92	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	60 %

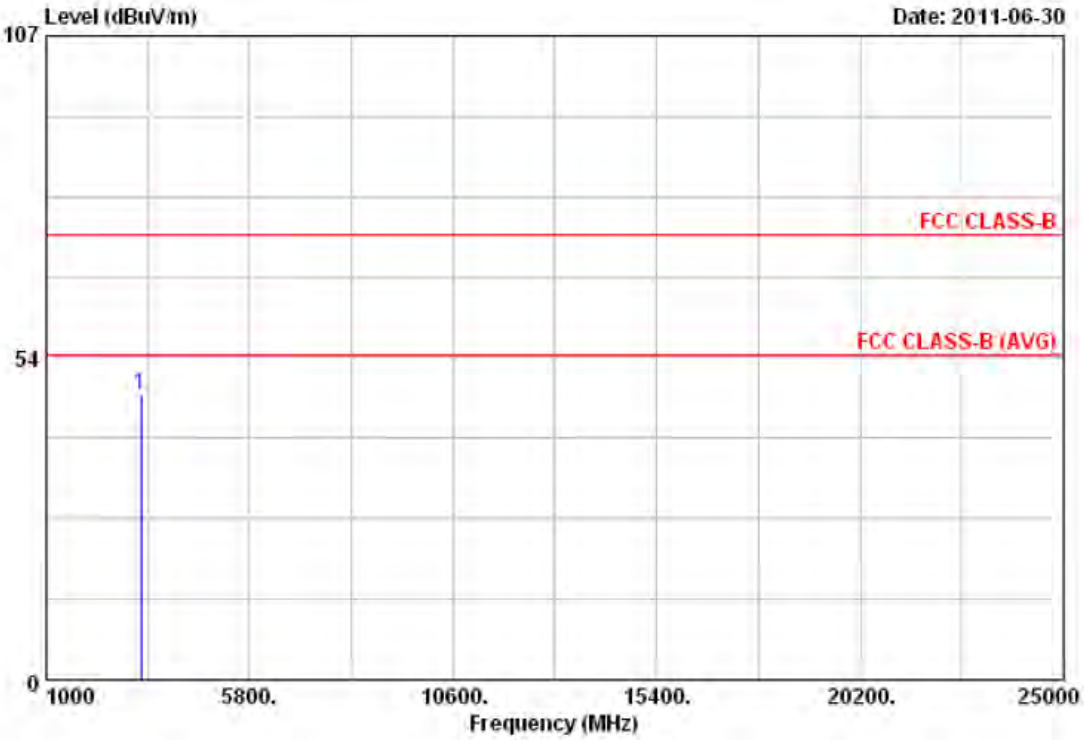


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.00	45.80	-4.40	41.40	46.00	-4.60	QP	100	0
2	500.00	36.58	4.30	40.88	46.00	-5.12	QP	100	0
3	625.00	25.16	9.67	34.83	46.00	-11.17	Peak	100	0
4	751.50	24.15	14.80	38.95	46.00	-7.05	Peak	100	0
5	875.50	26.86	15.91	42.77	46.00	-3.23	QP	100	0
6	999.95	25.64	17.68	43.32	54.00	-10.68	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %

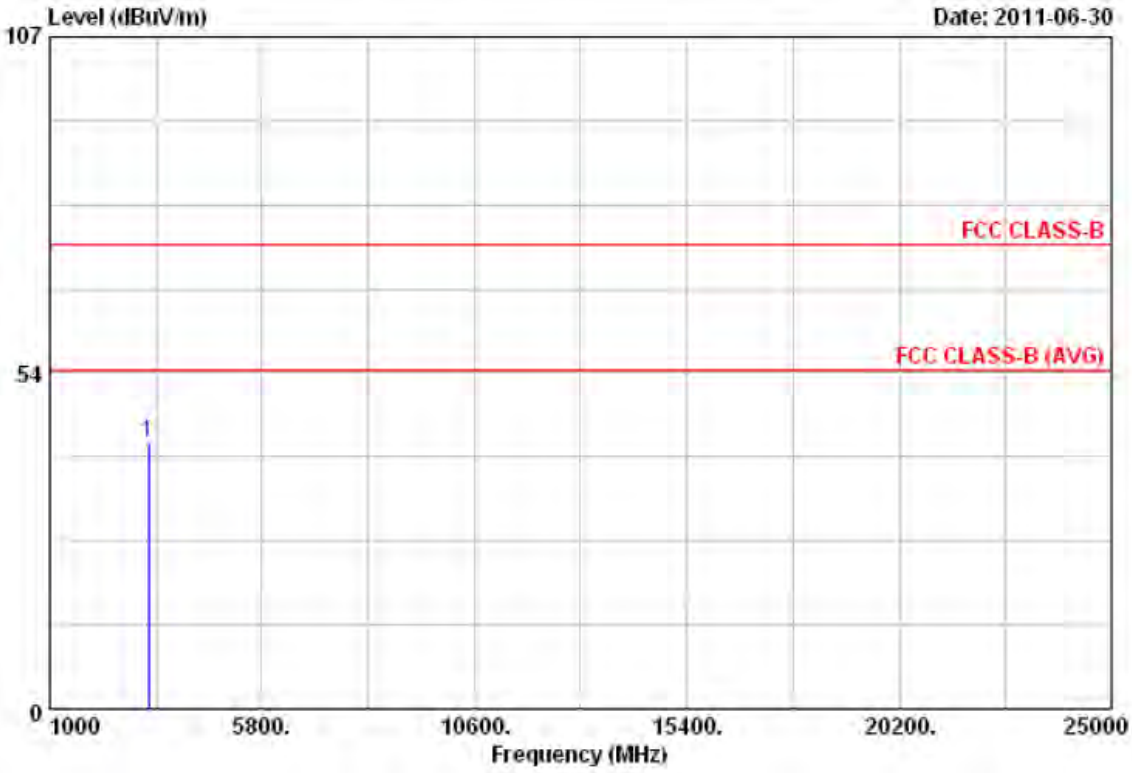


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3229.00	55.20	-7.84	47.36	74.00	-26.64	Peak	100	122

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT40, CH3	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %

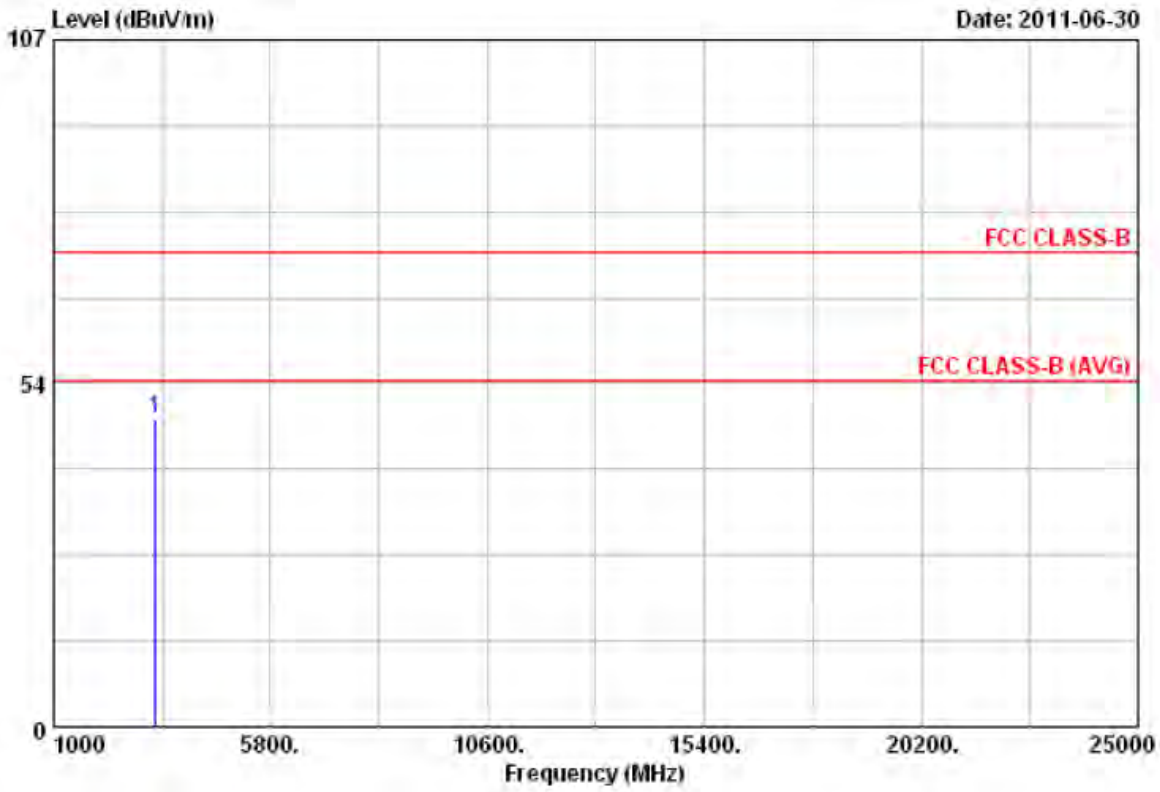


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3229.00	50.20	-7.84	42.36	74.00	-31.64	Peak	100	237

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT40, CH6	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %

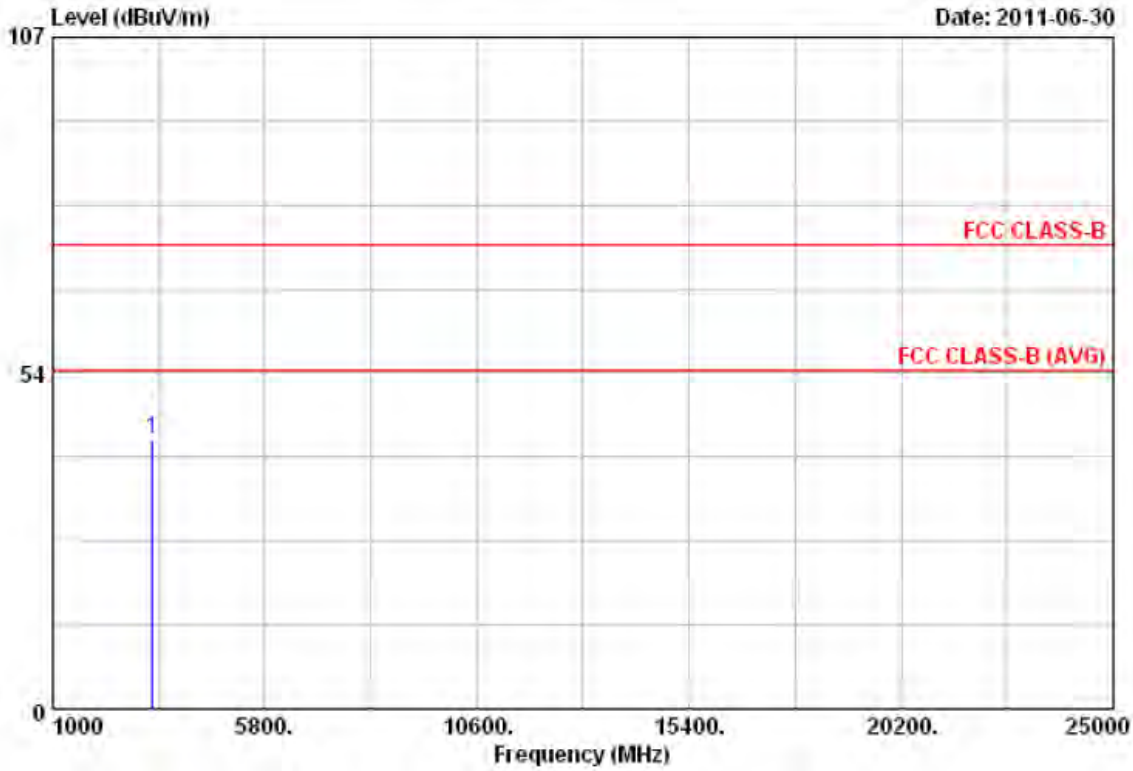


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3249.00	55.82	-7.76	48.06	74.00	-25.94	Peak	100	159

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT40, CH6	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %

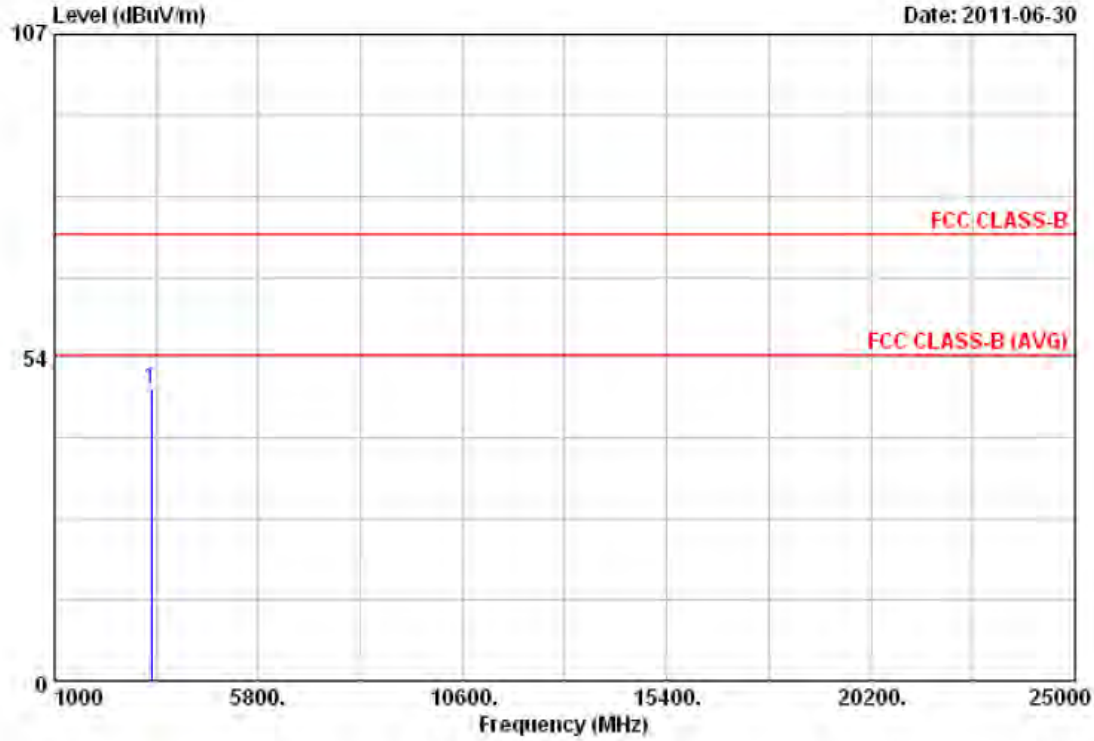


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3249.00	50.69	-7.76	42.93	74.00	-31.07	Peak	100	206

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT40, CH9	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %

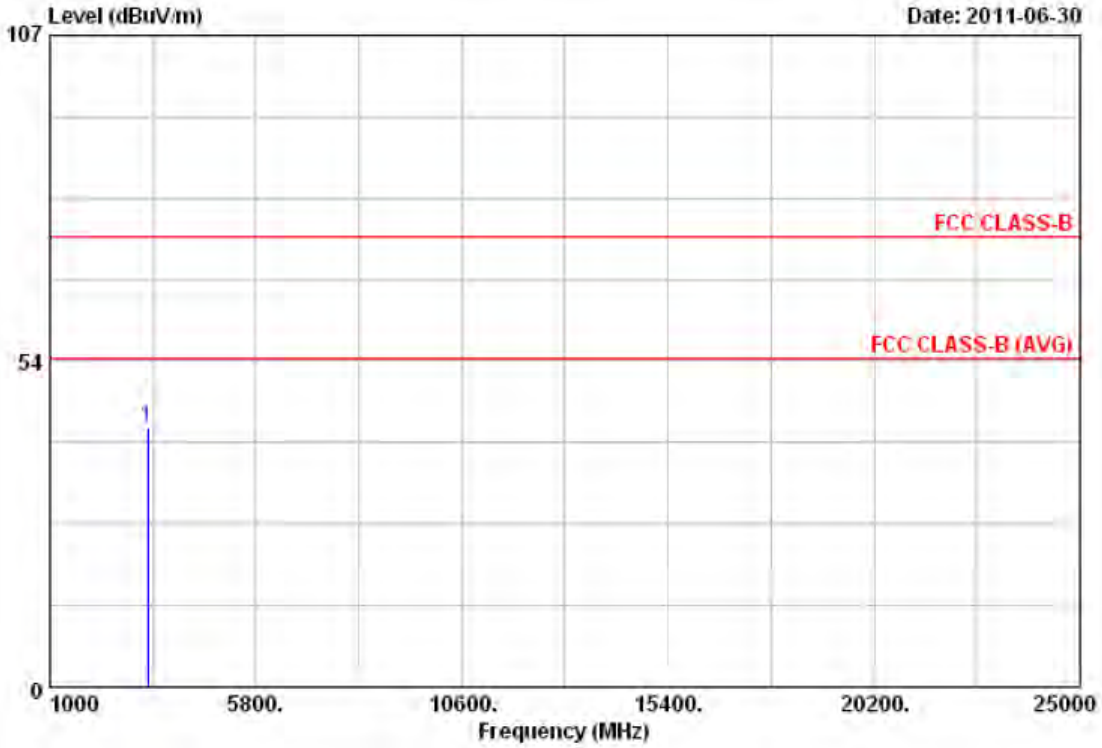


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3269.00	55.92	-7.71	48.21	74.00	-25.79	Peak	100	122

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT40, CH9	Temperature	:	23 °C
Memo	:	Adapter: Leader/ MT12-120100-A1	Humidity	:	65 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	3269.00	50.32	-7.71	42.61	74.00	-31.39	Peak	100	240

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Test engineer: Ben

6. 6dB Bandwidth Measurement Data

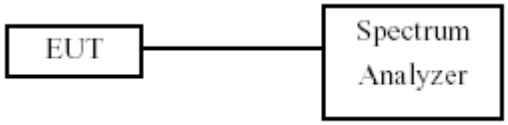
6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

6.2 Test Procedures

a. The transmitter output was connected to the spectrum analyzer.
b. Set RBW of spectrum analyzer to 100 KHz and VBW to 100 KHz.
c. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

6.3 Test Setup Layout



6.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

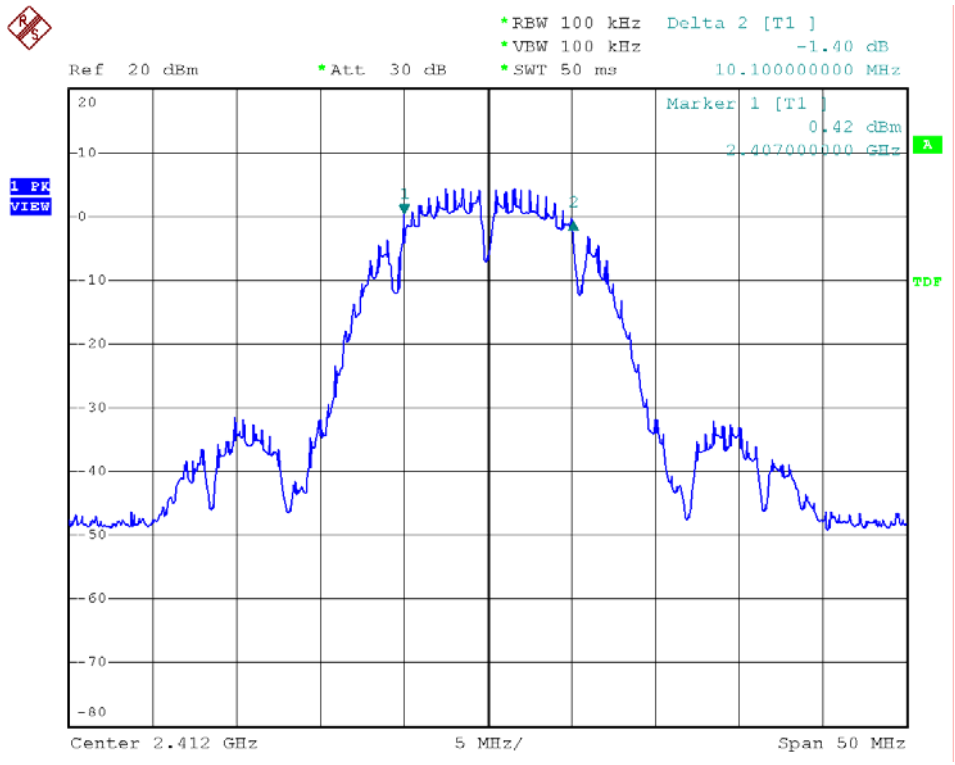
6.5 Test Result and Data

Test Date: May, 12, 2011 Temperature: 25℃

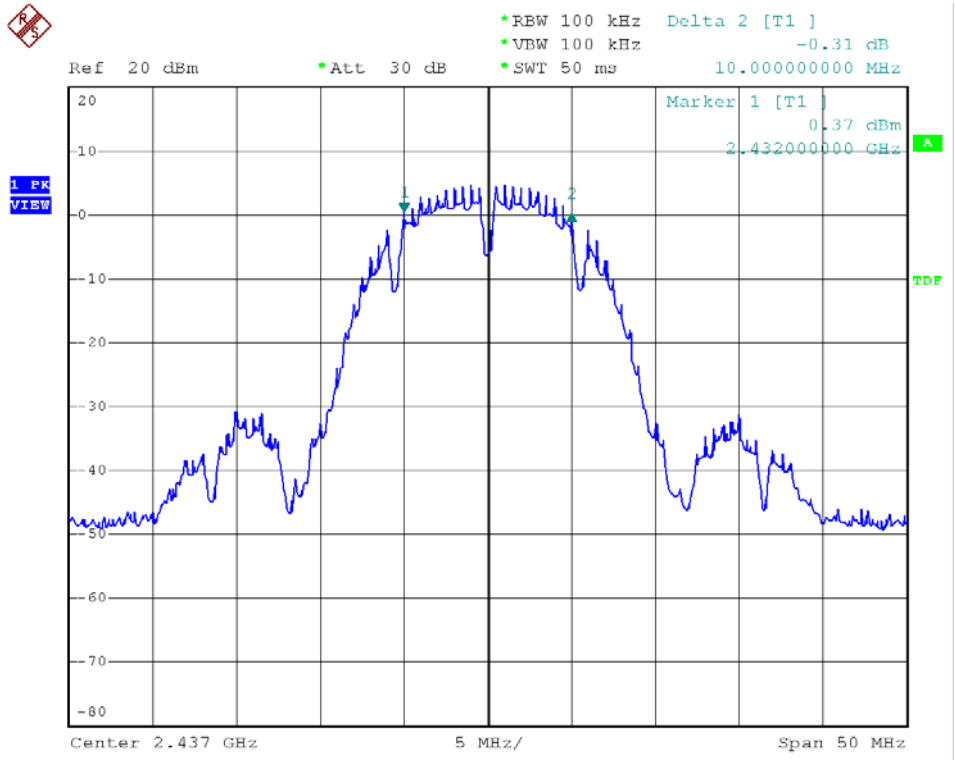
Atmospheric pressure: 1022 hPa Humidity: 66%

Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Occupied Bandwidth (MHz)	
			ANT R	ANT L	ANT R	ANT L
802.11b (1Mbps)	01	2412	10.1	10.1	16.2	16.1
	06	2437	10.0	10.1	16.0	16.0
	11	2462	10.1	10.1	16.1	16.0
802.11g (6Mbps)	01	2412	16.3	16.3	18.7	18.1
	06	2437	16.4	16.4	18.8	18.2
	11	2462	16.4	16.4	18.6	18.1
802.11n HT20 (6.5Mbps)	01	2412	17.6	17.6	19.5	19.5
	06	2437	17.6	17.6	19.5	19.4
	11	2462	17.6	17.6	19.6	19.6
802.11n HT40 (13.5Mbps)	03	2422	36.4	36.4	38.6	38.0
	06	2437	36.4	36.4	38.6	38.0
	09	2452	36.4	36.4	38.2	38.0

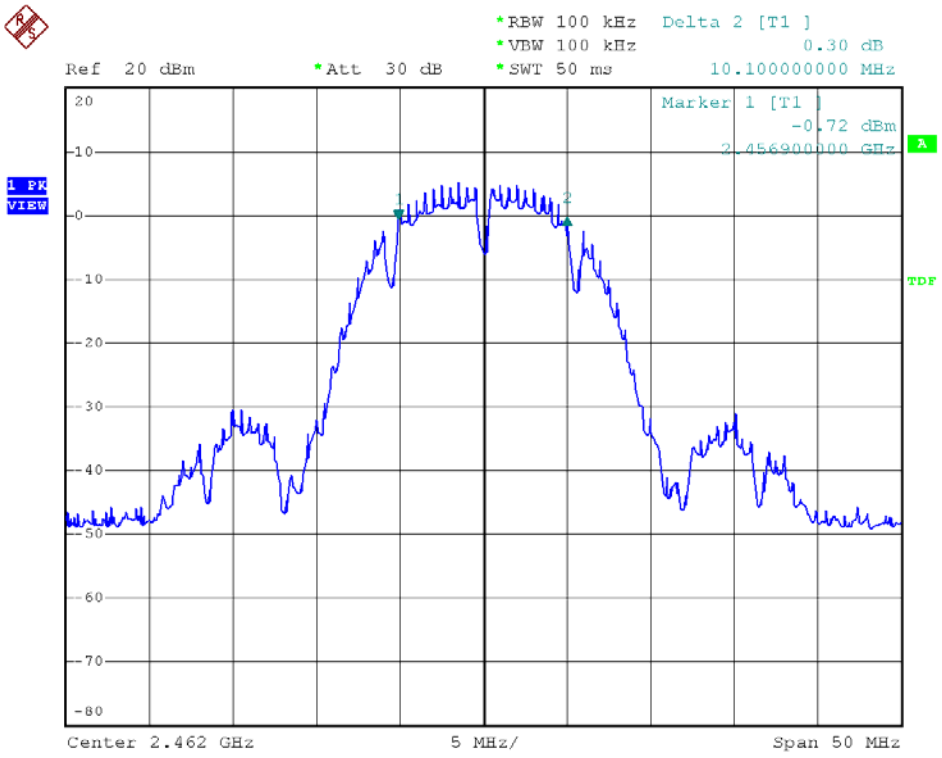
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



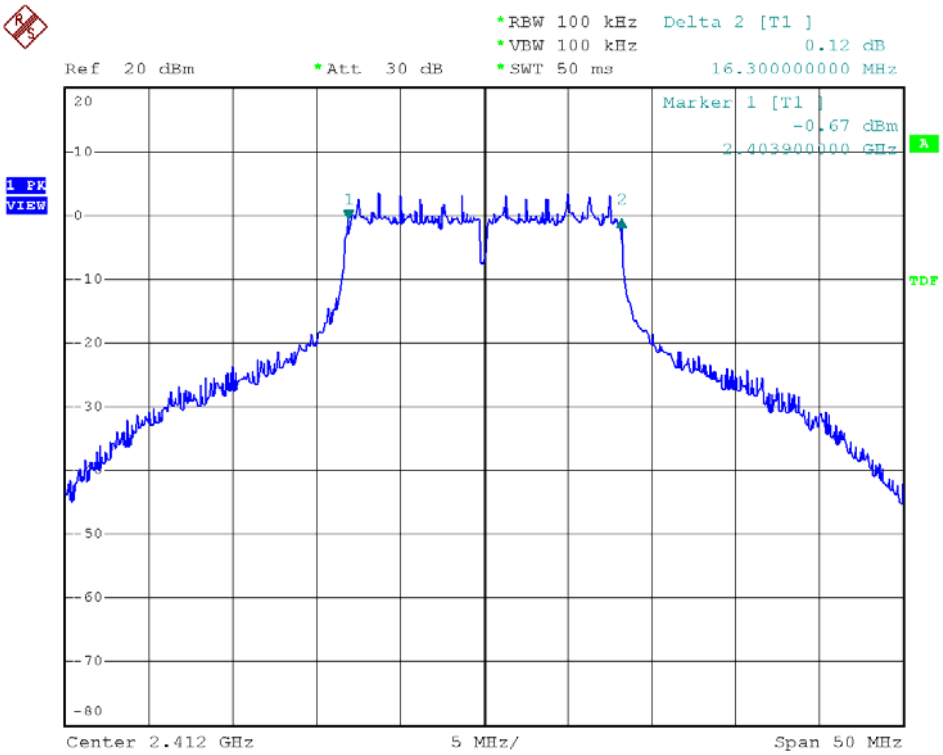
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 06



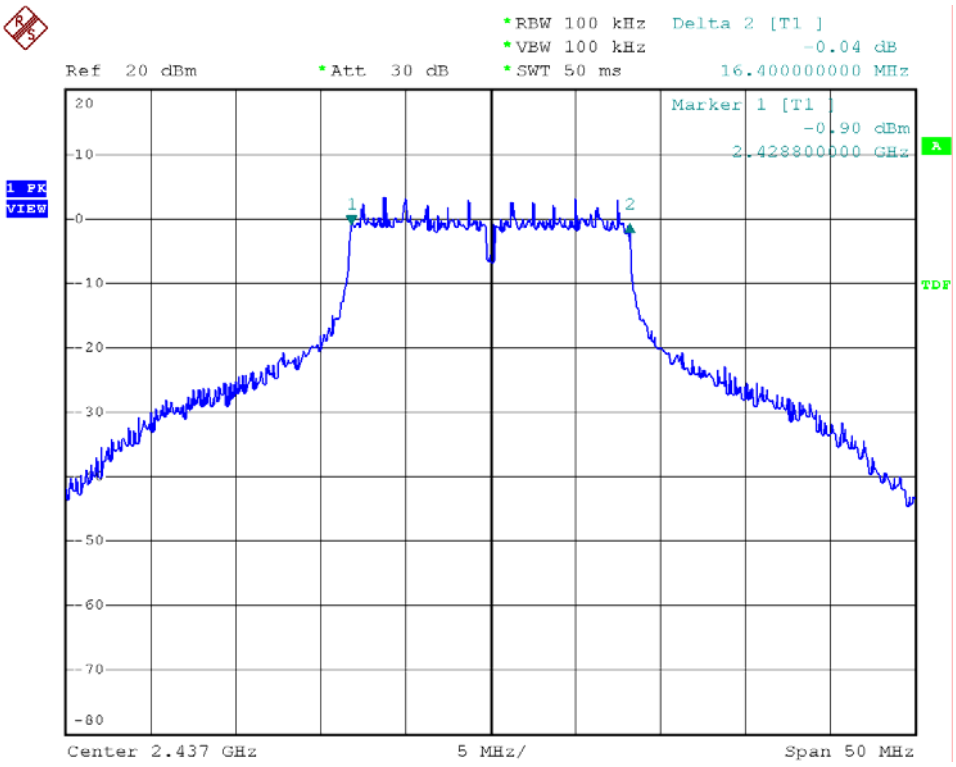
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



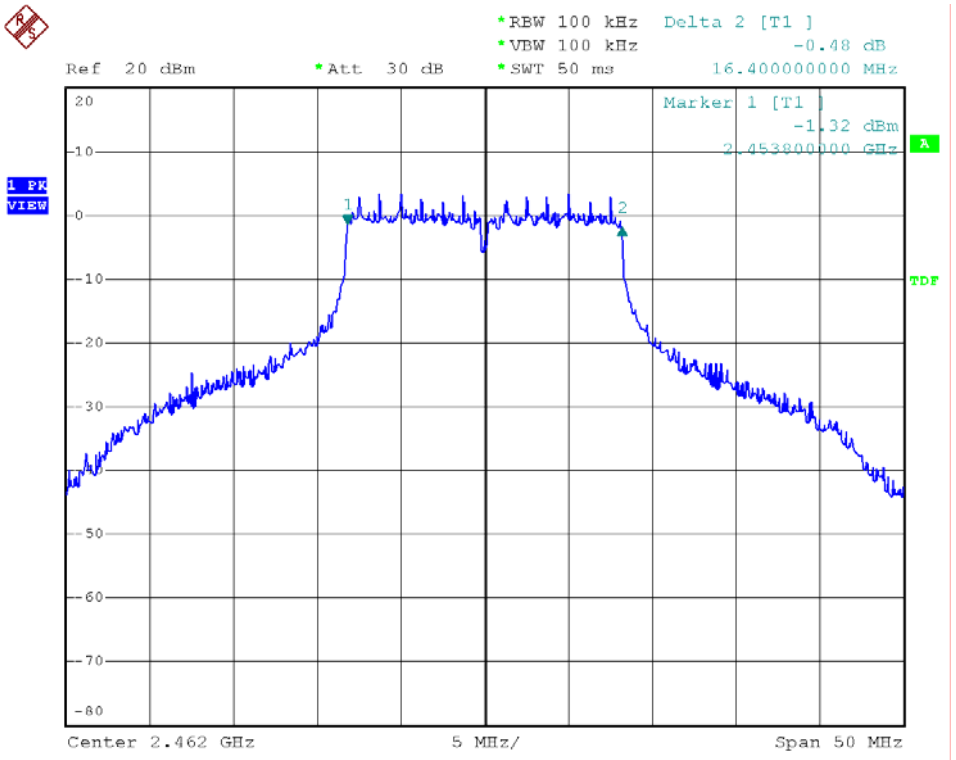
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



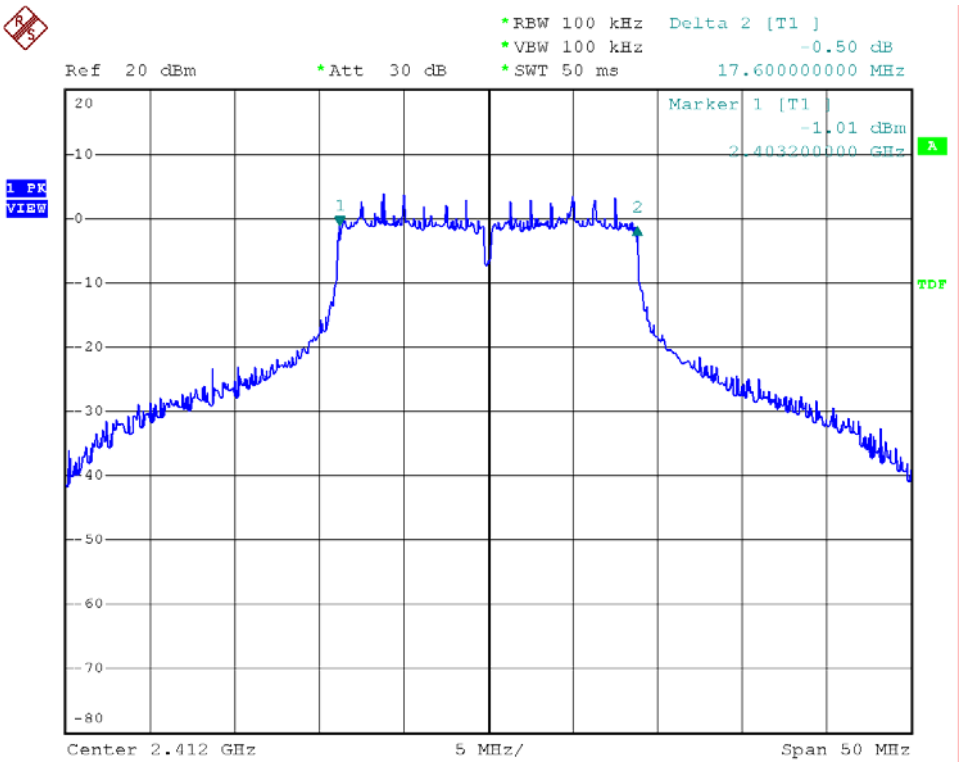
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 06



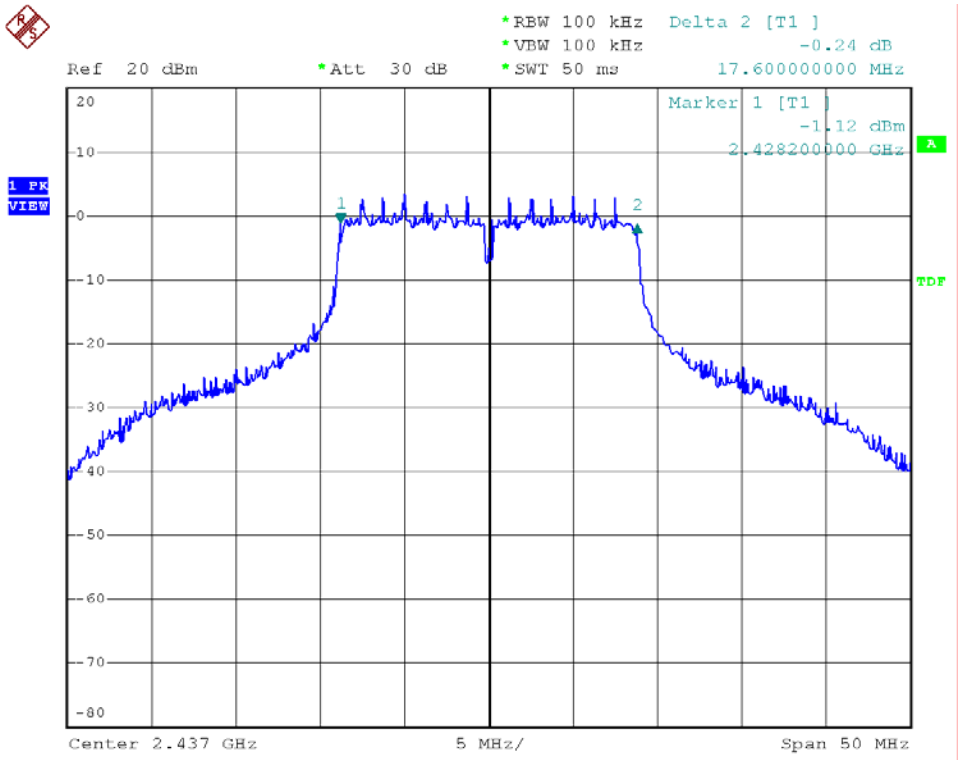
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



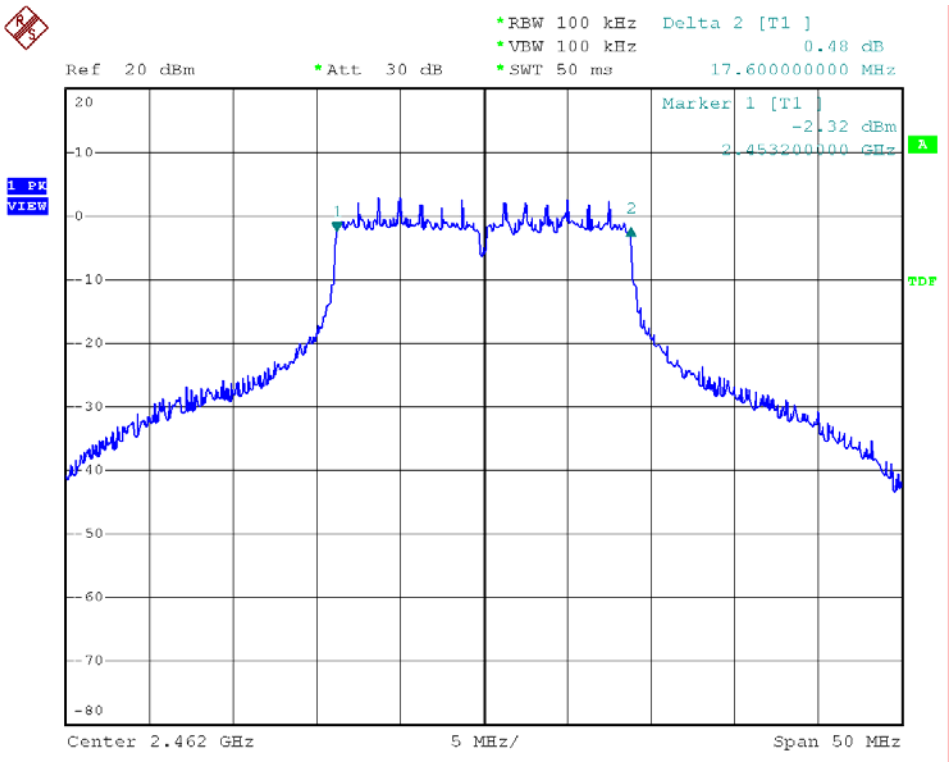
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 01



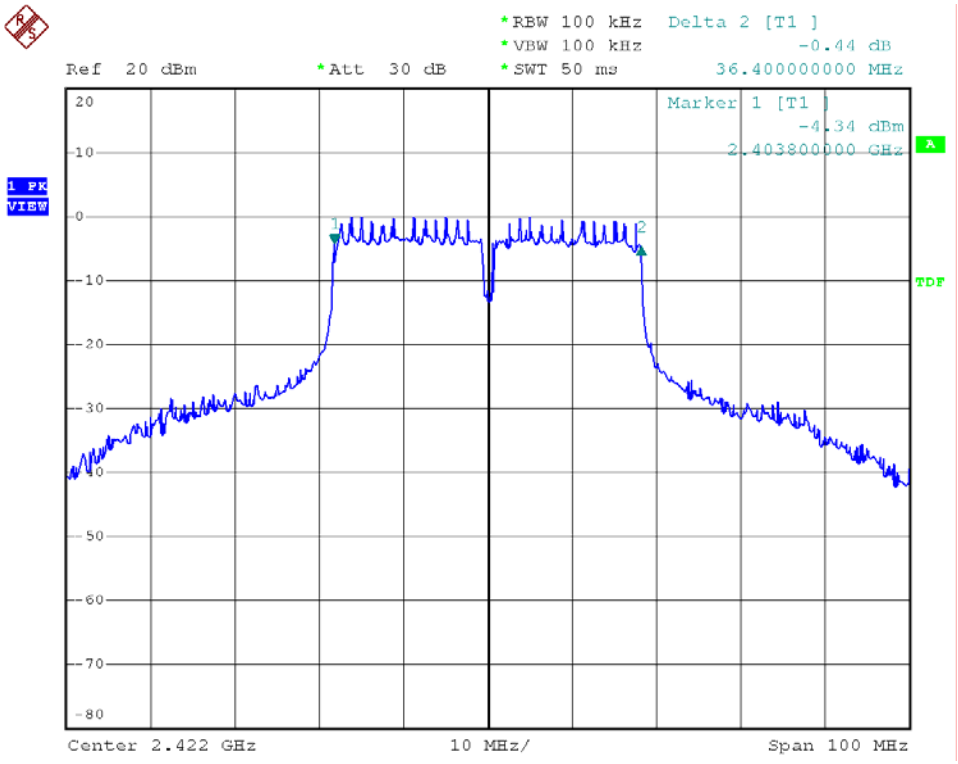
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 06



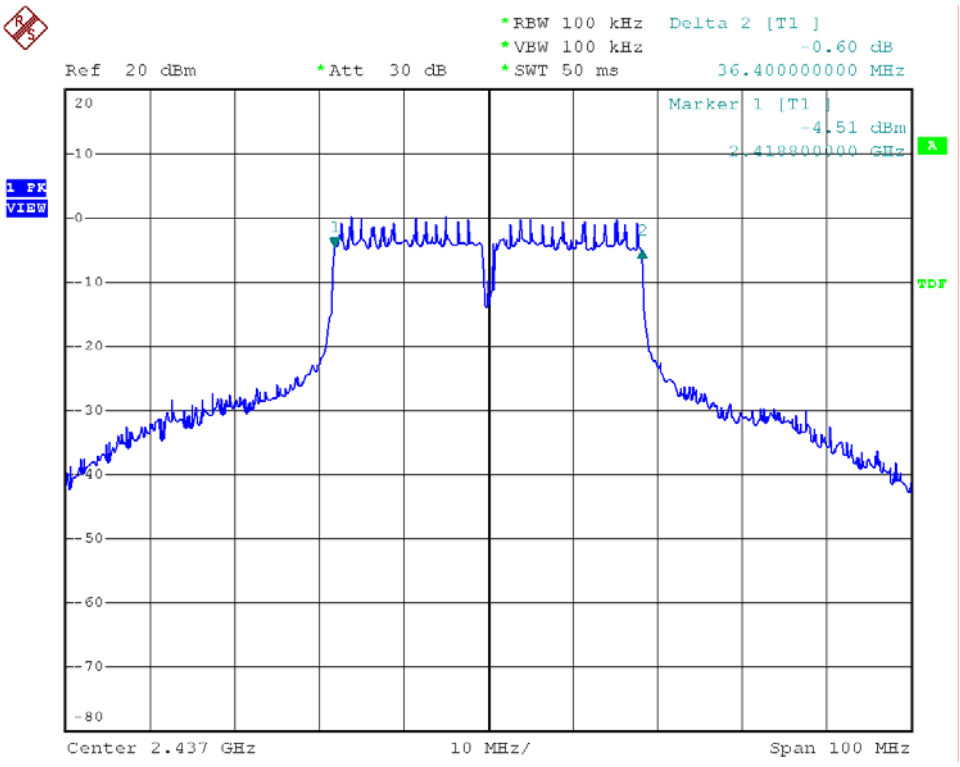
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 11



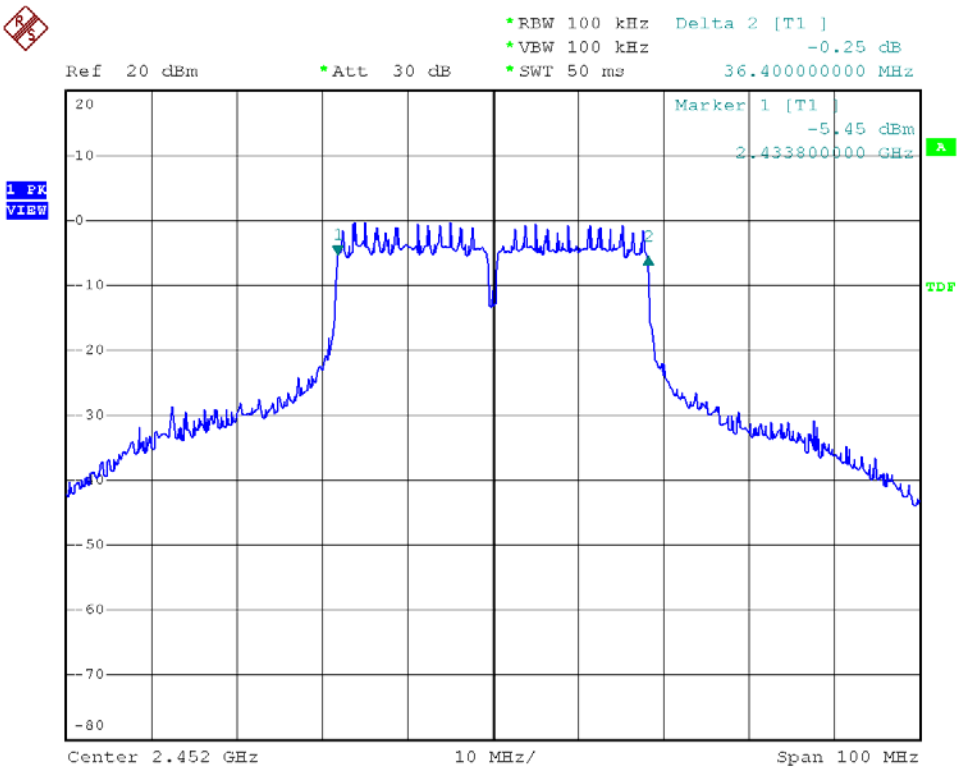
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 03



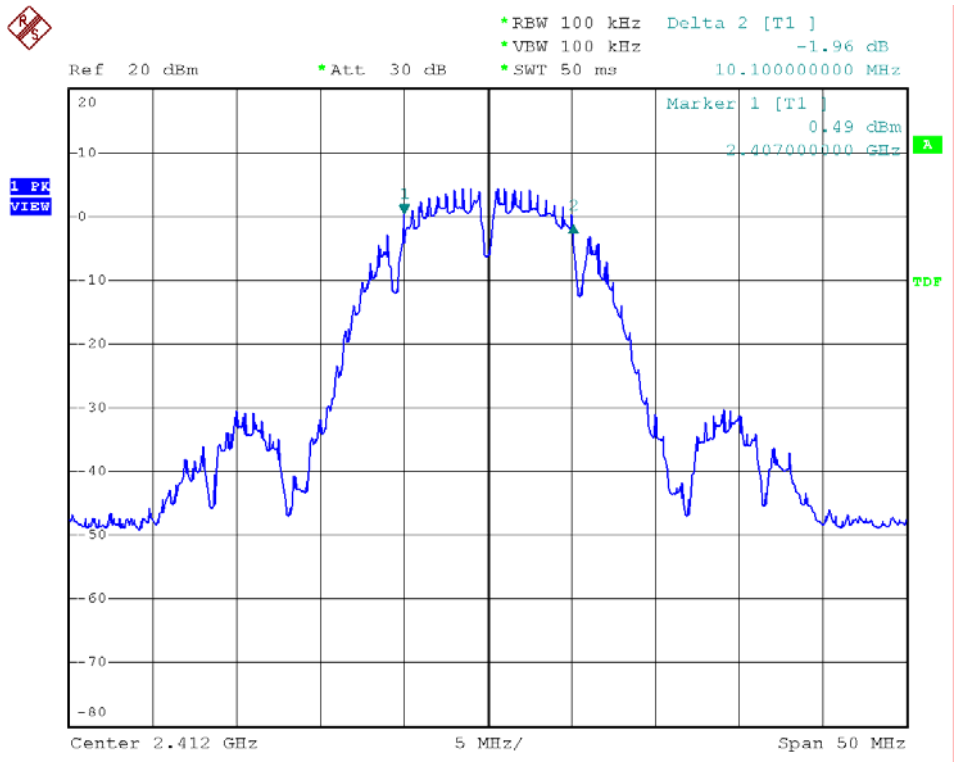
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 06



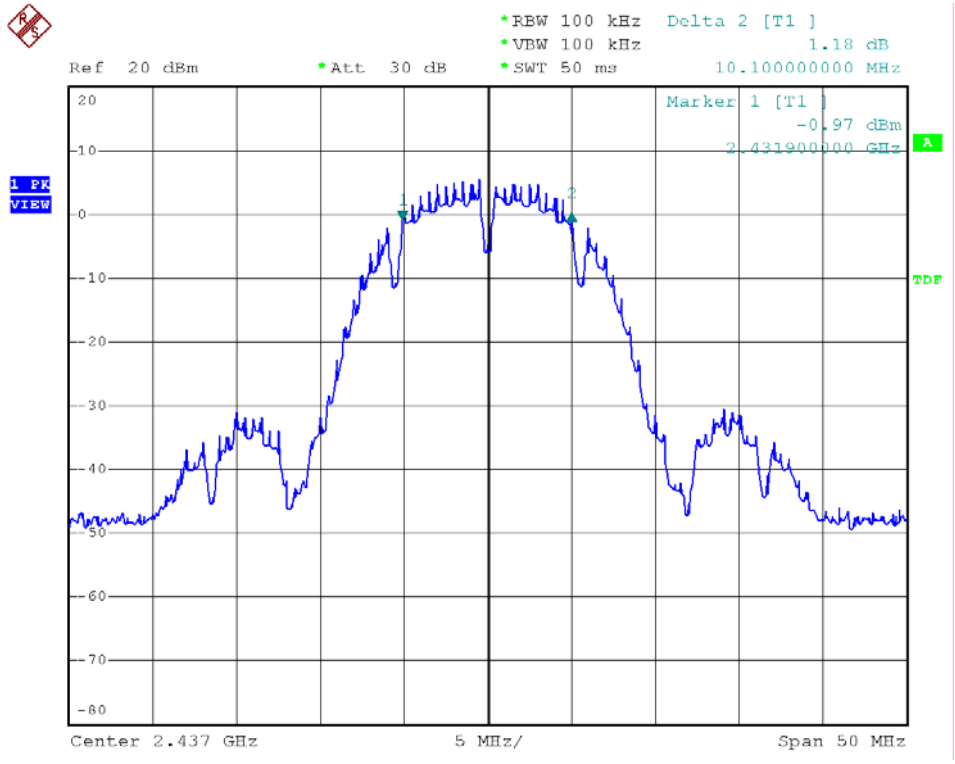
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 09



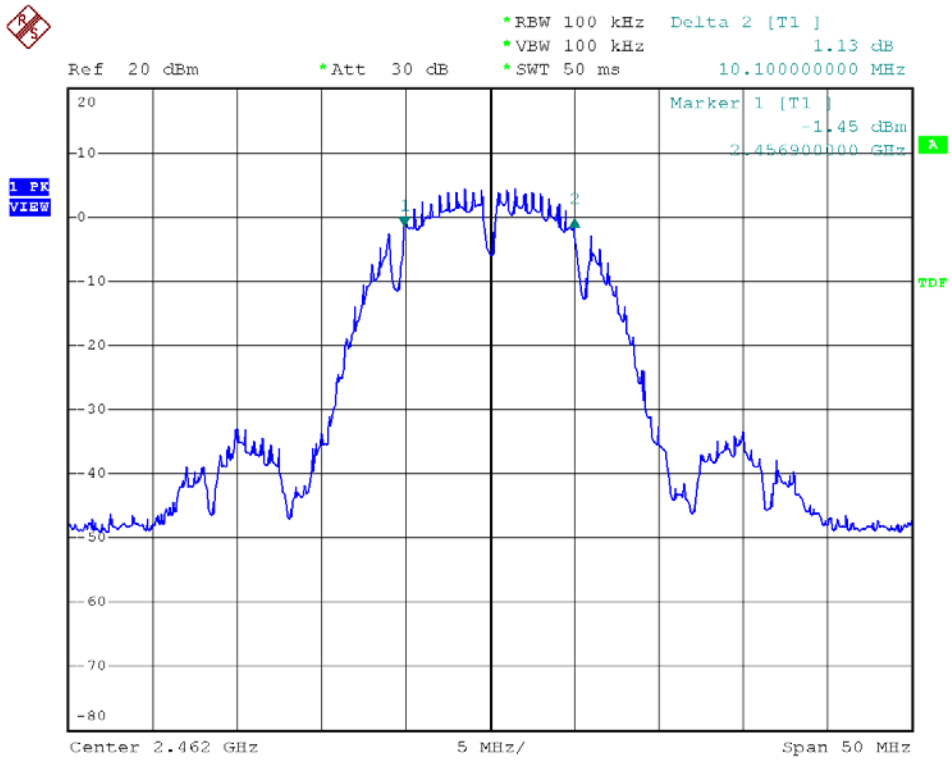
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



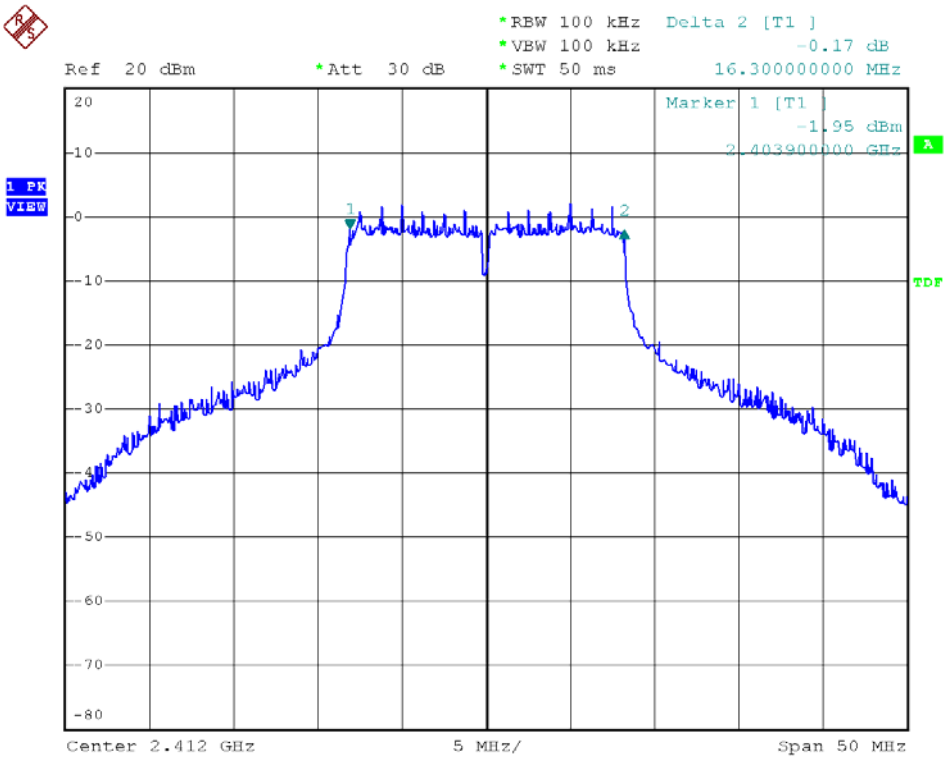
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 06



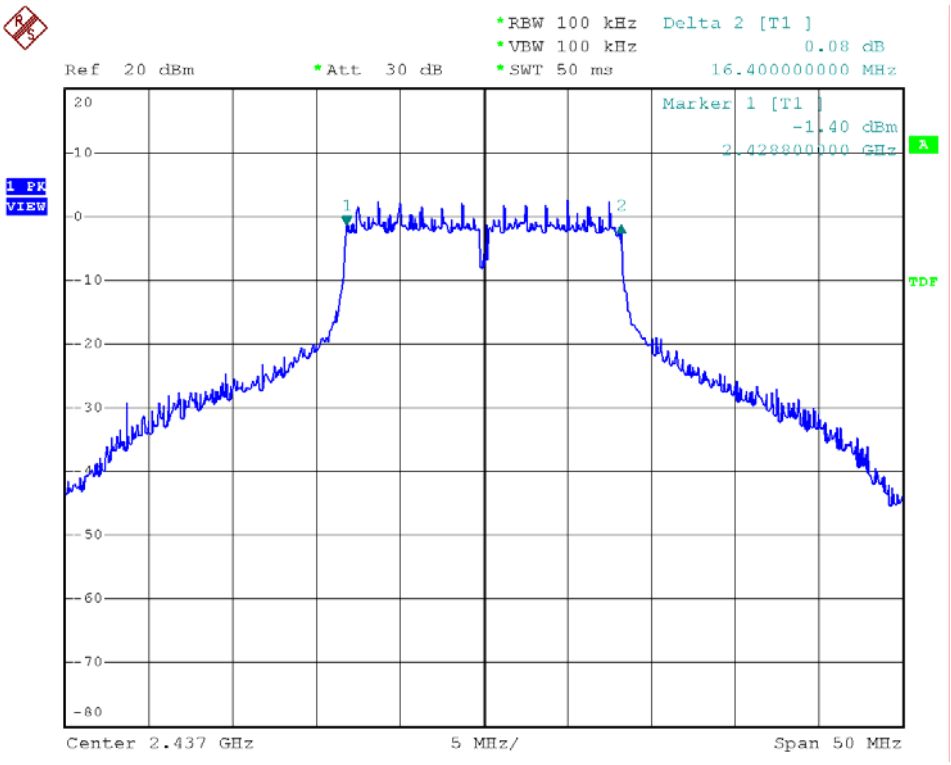
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



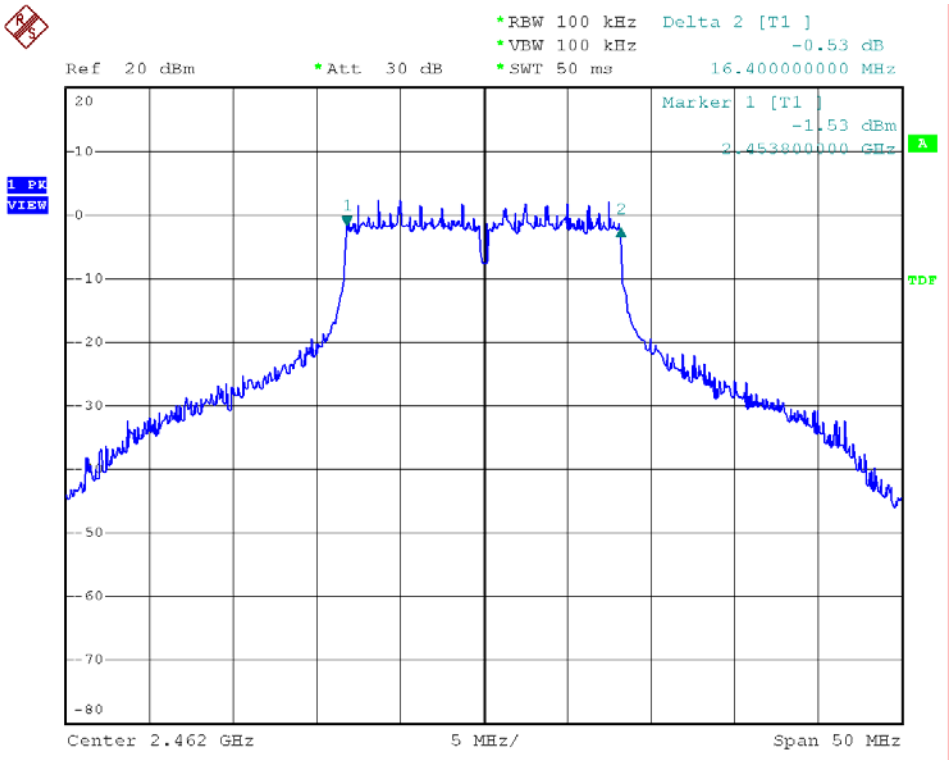
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



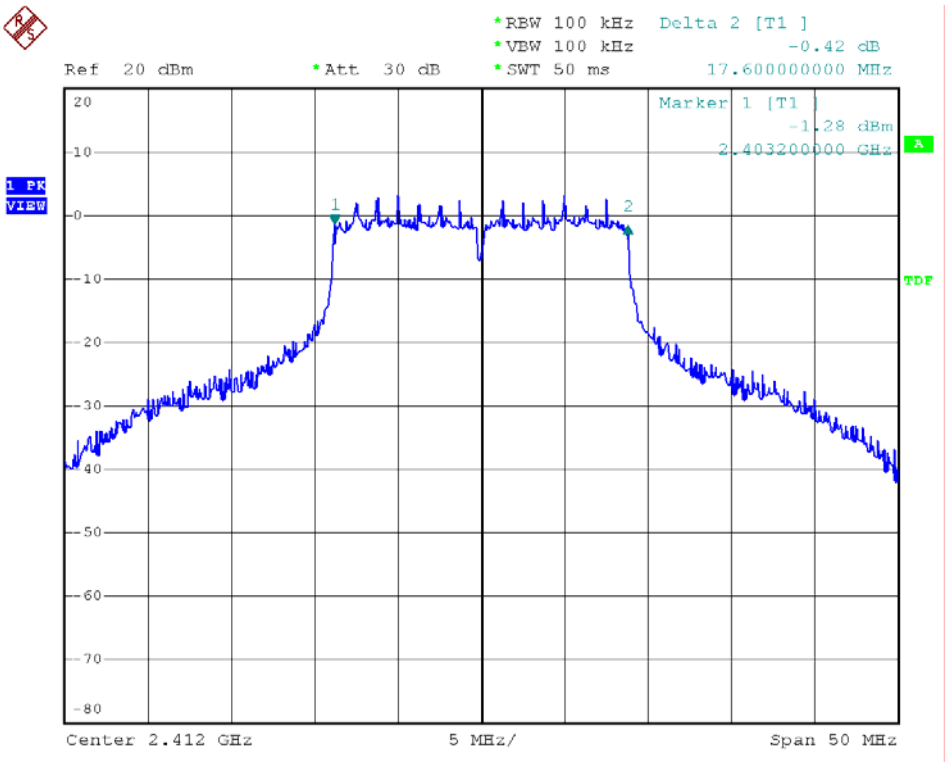
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06



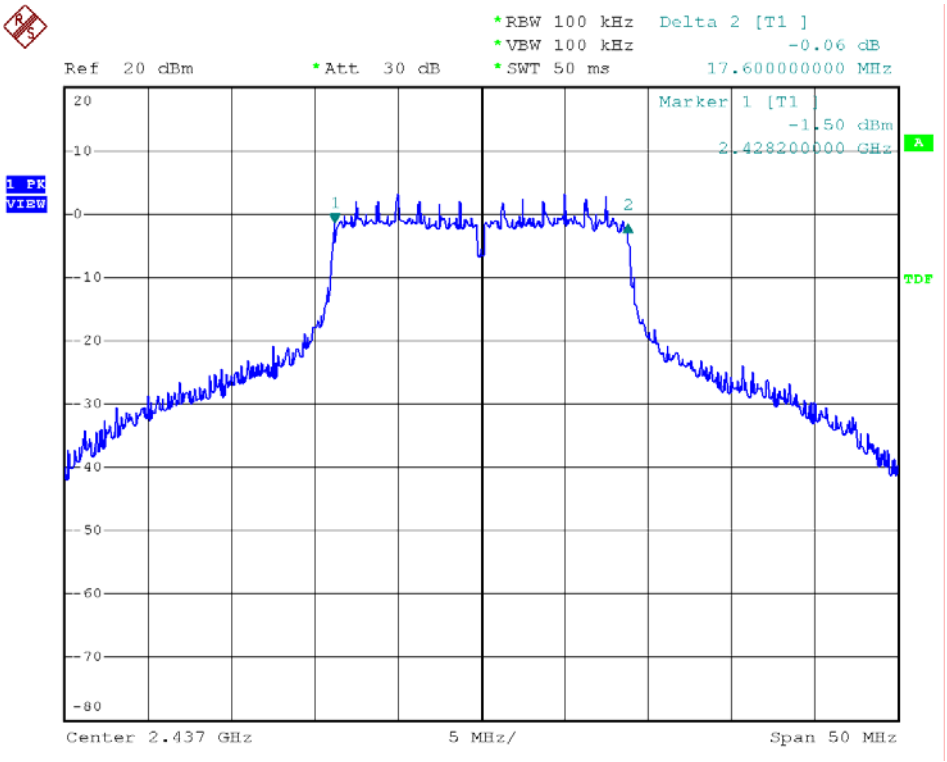
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



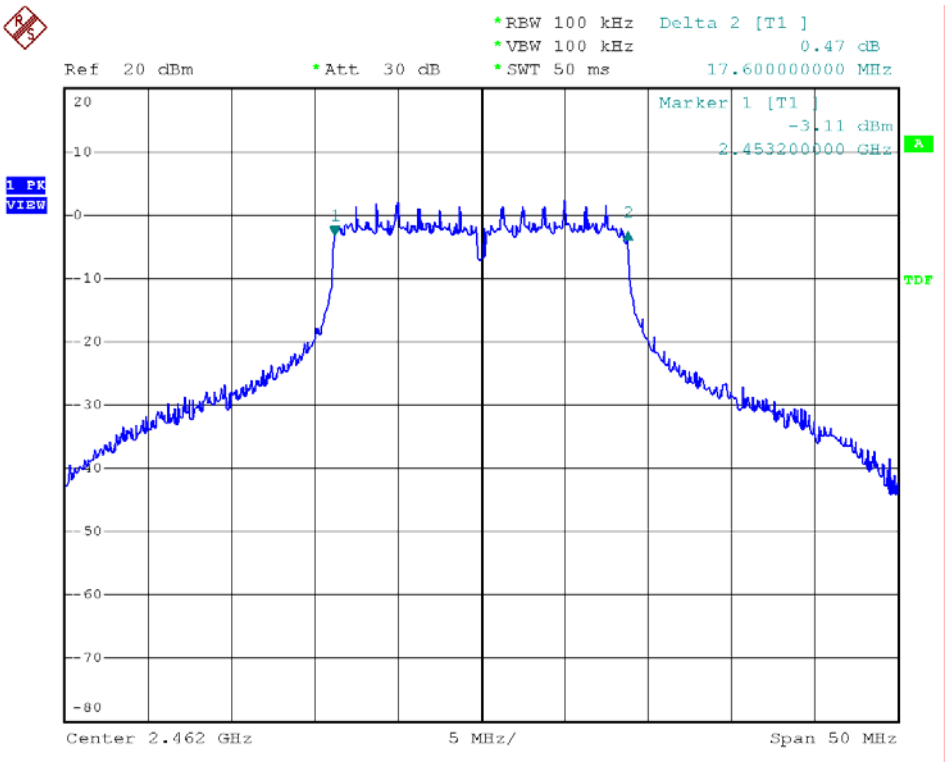
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 01



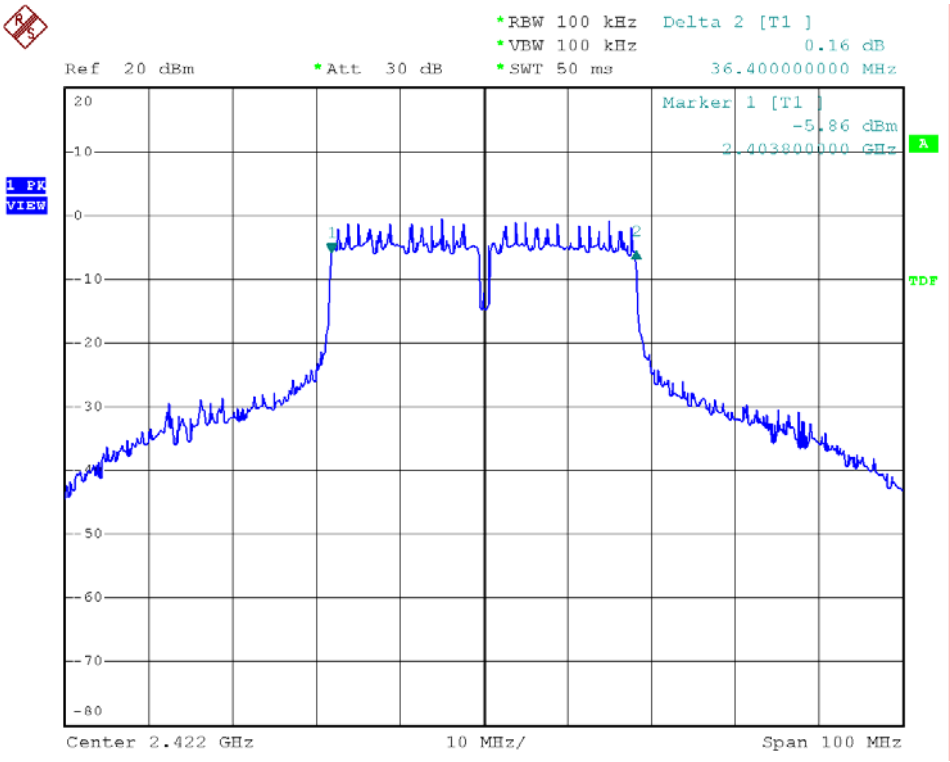
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 06



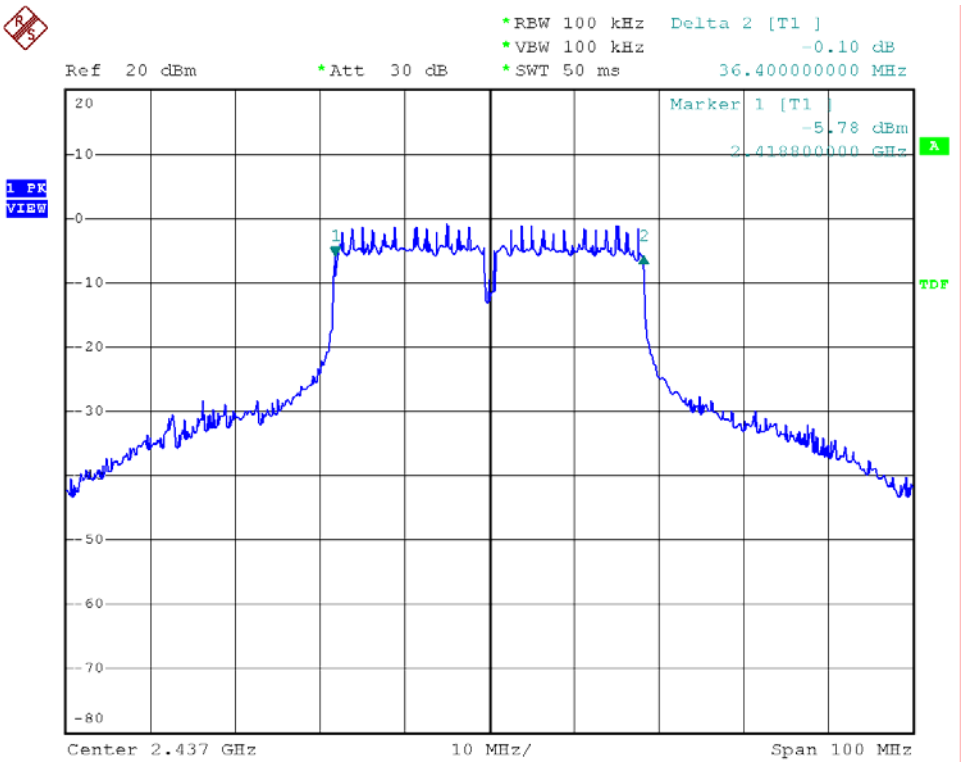
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 11



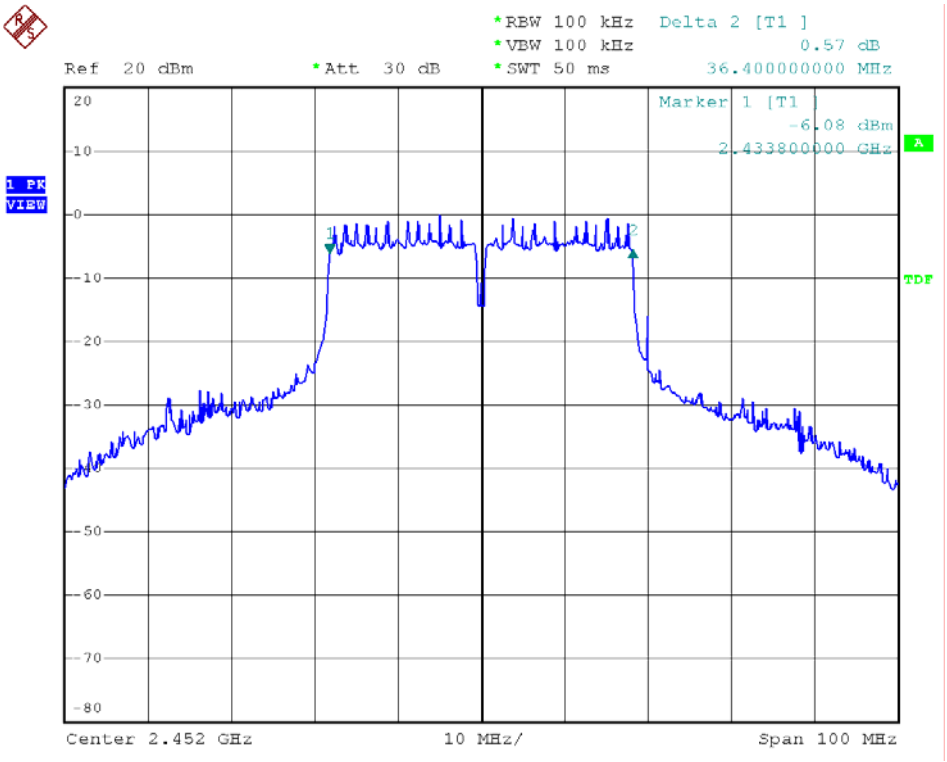
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 03



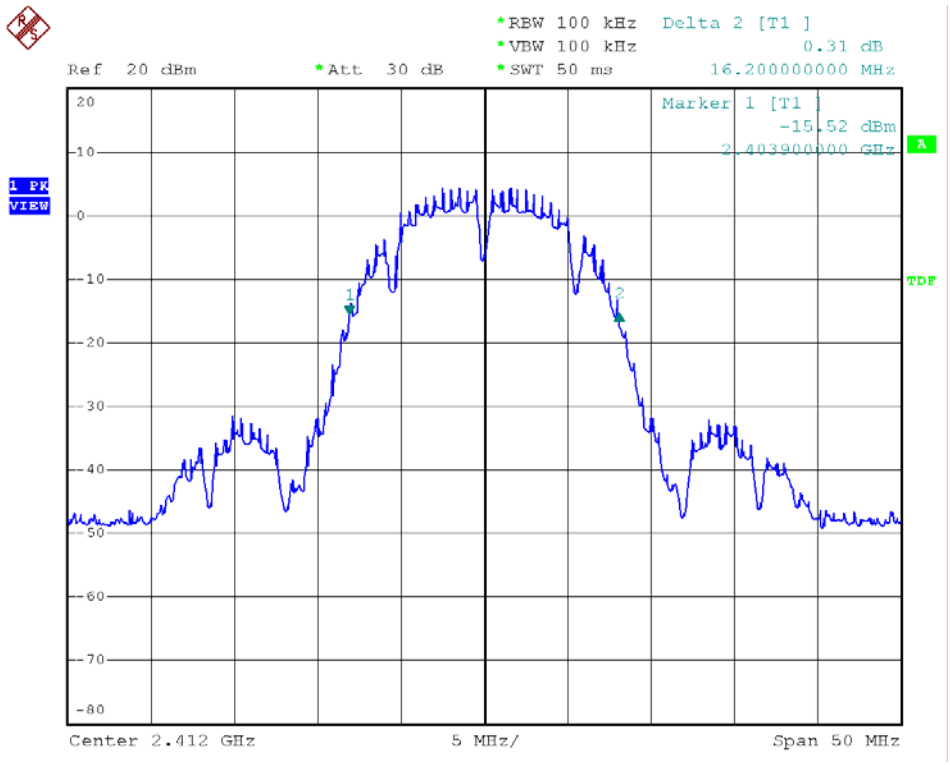
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 06



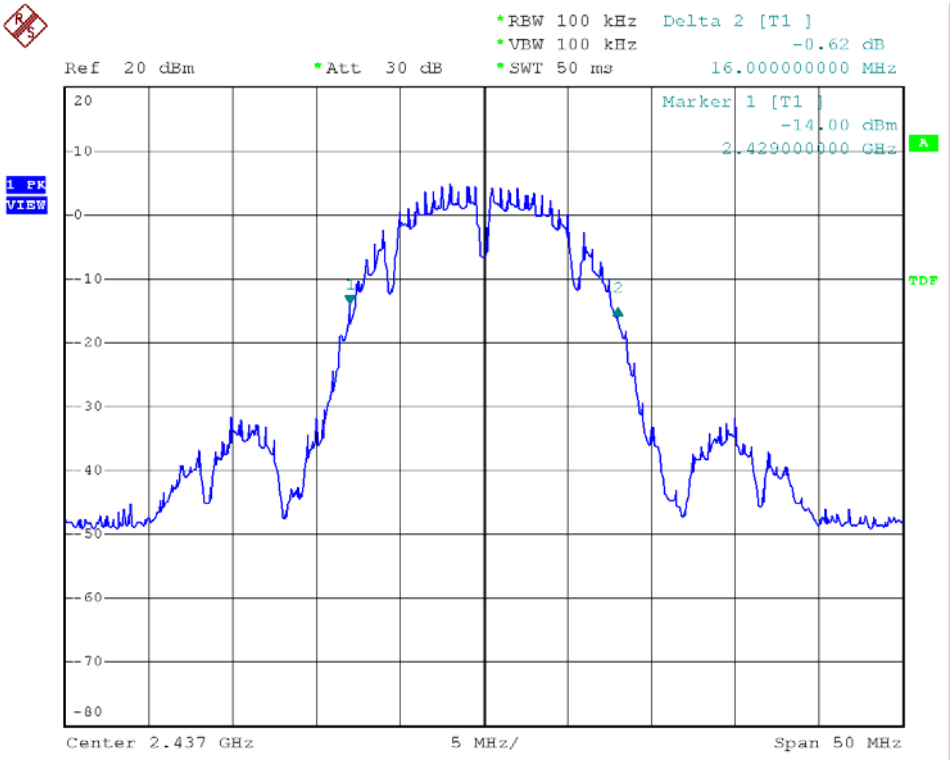
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 09



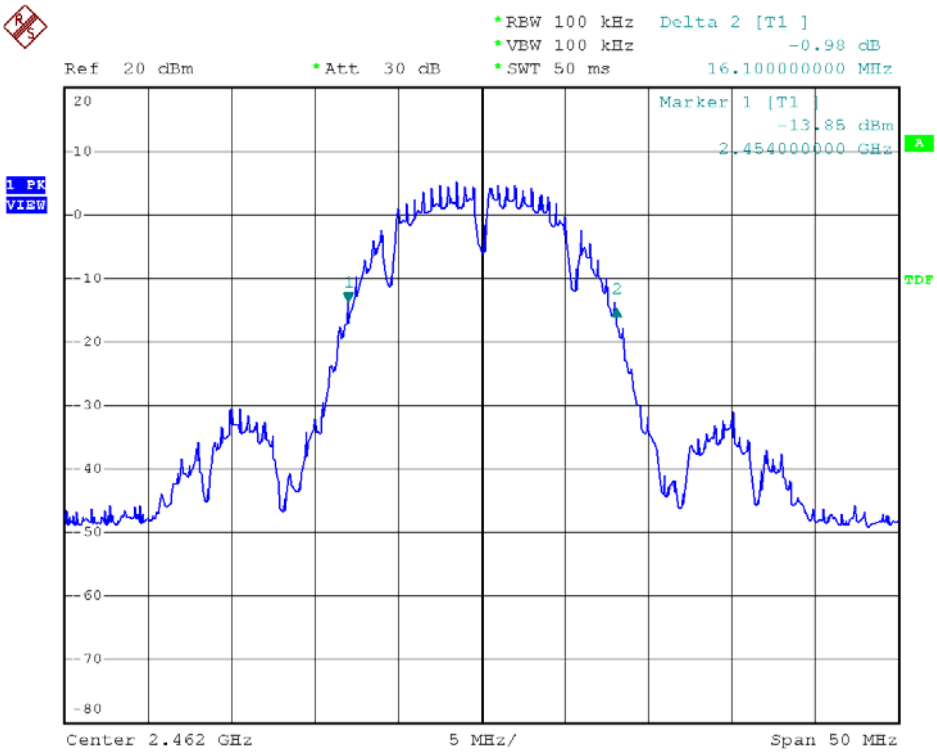
Modulation Standard: 802.11b (1Mbps), ANT R, 99% Bandwidth
Channel: 01



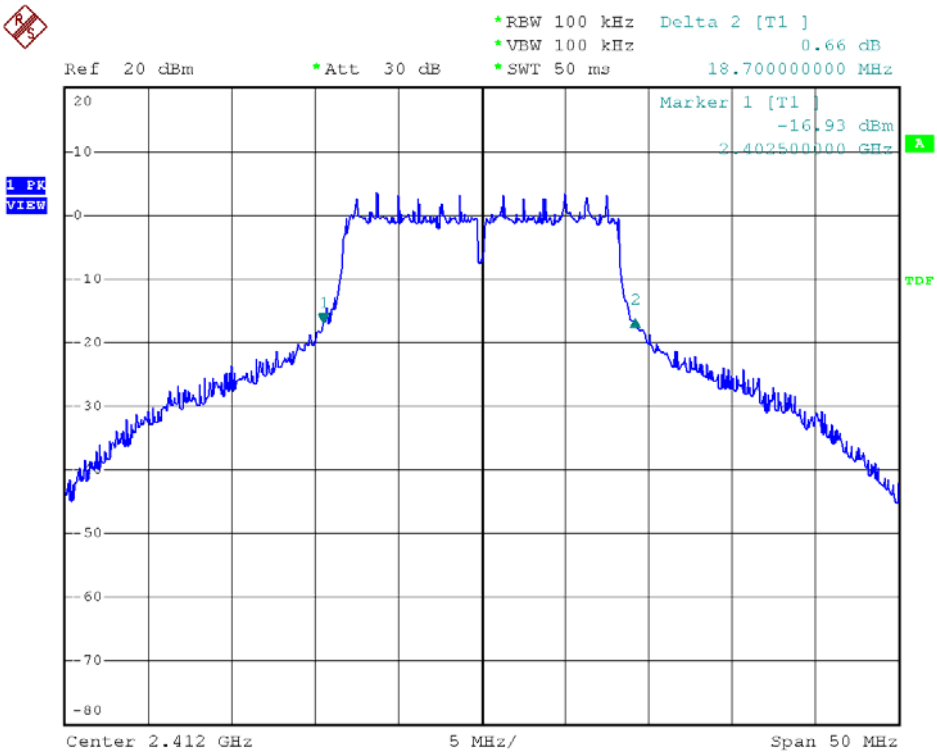
Modulation Standard: 802.11b (1Mbps), ANT R, 99% Bandwidth
Channel: 06



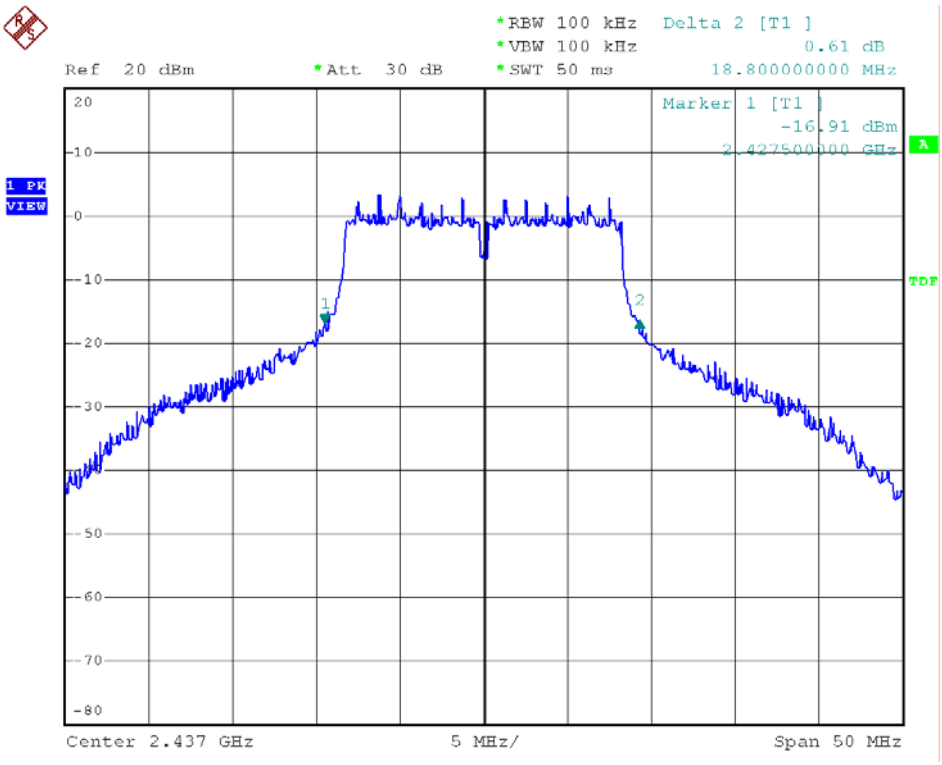
Modulation Standard: 802.11b (1Mbps), ANT R, 99% Bandwidth
Channel: 11



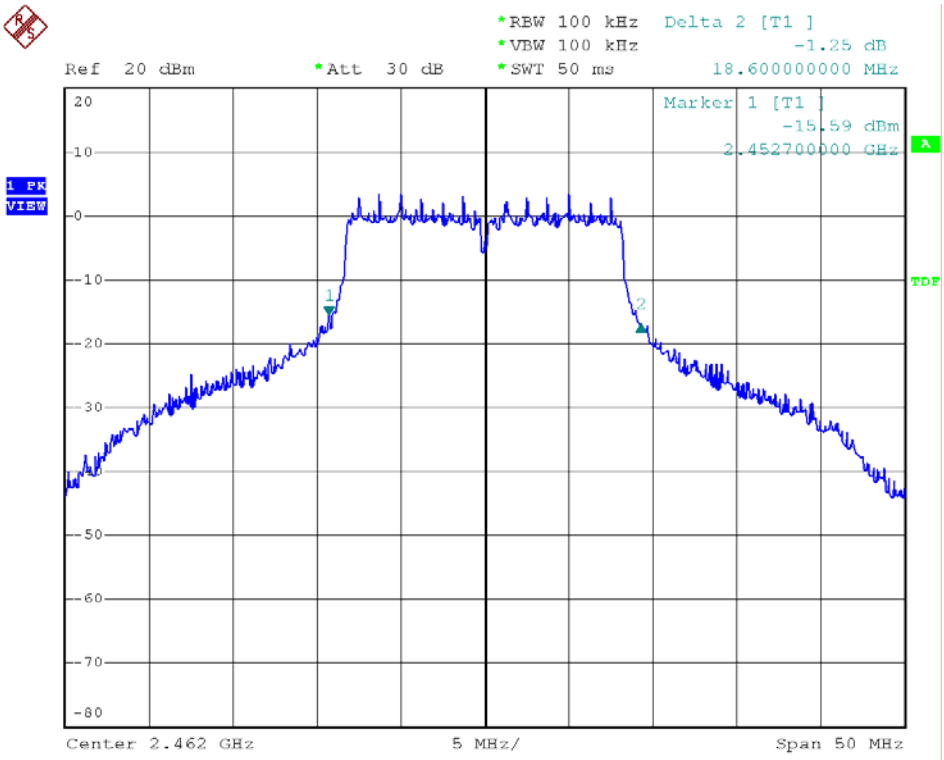
Modulation Standard: 802.11g (6Mbps), ANT R, 99% Bandwidth
Channel: 01



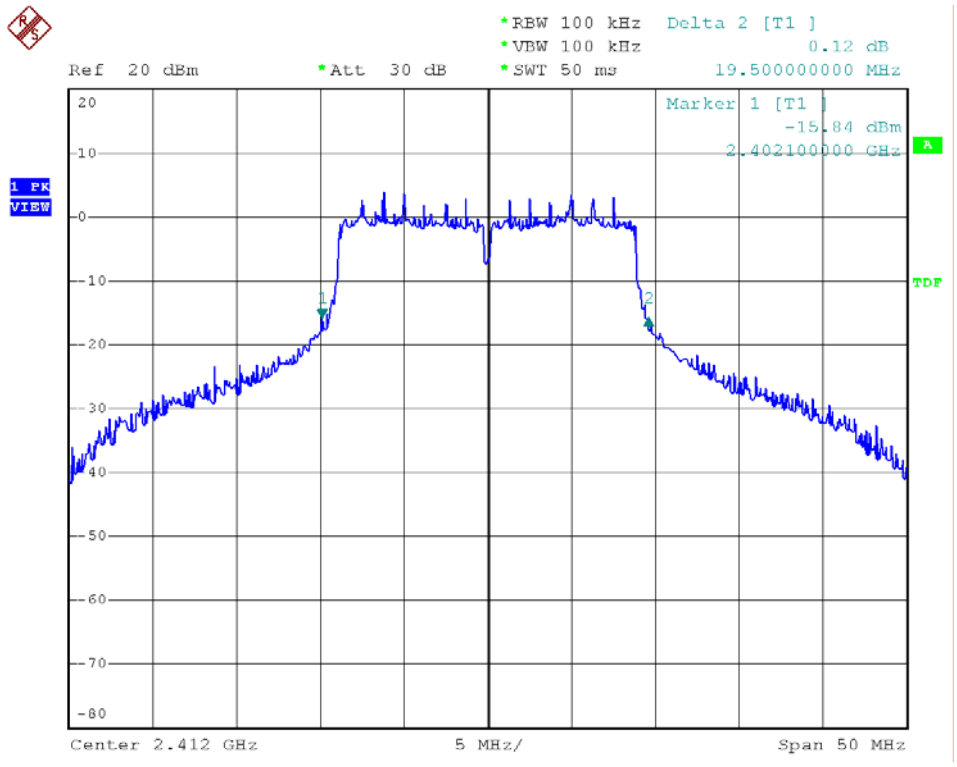
Modulation Standard: 802.11g (6Mbps), ANT R, 99% Bandwidth
Channel: 06



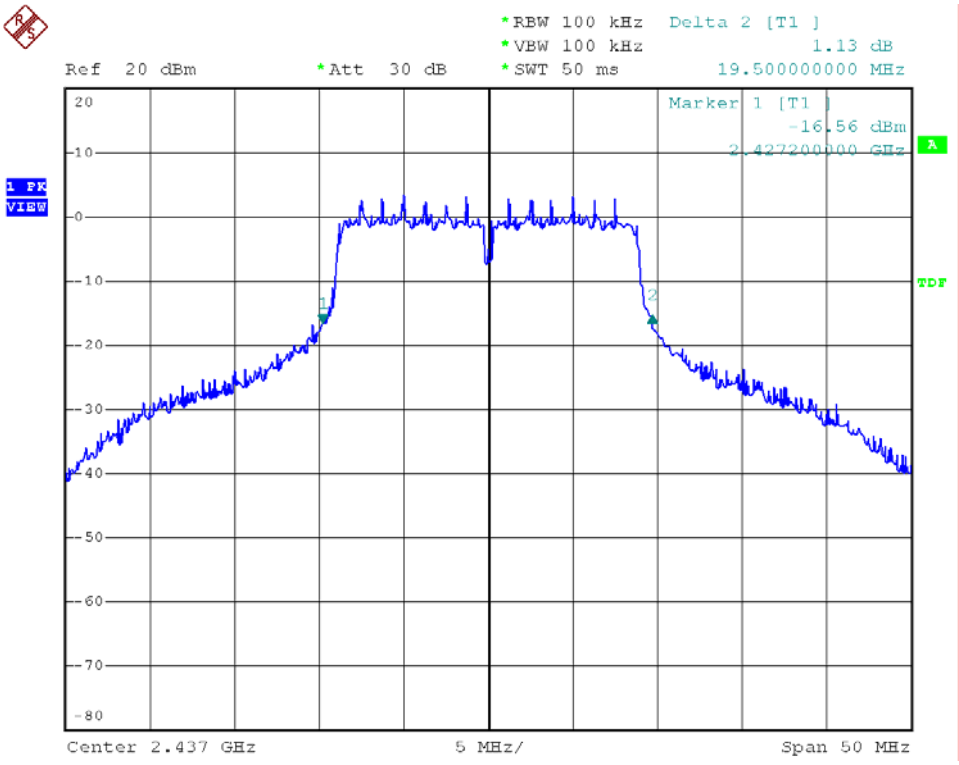
Modulation Standard: 802.11g (6Mbps), ANT R, 99% Bandwidth
Channel: 11



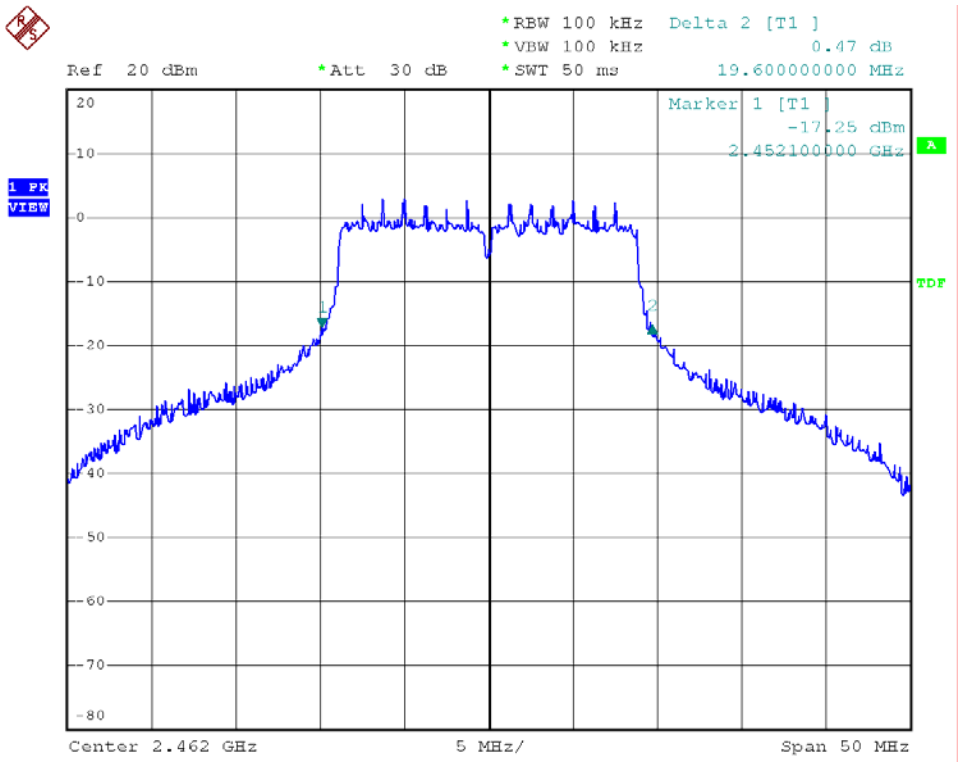
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R, 99% Bandwidth
Channel: 01



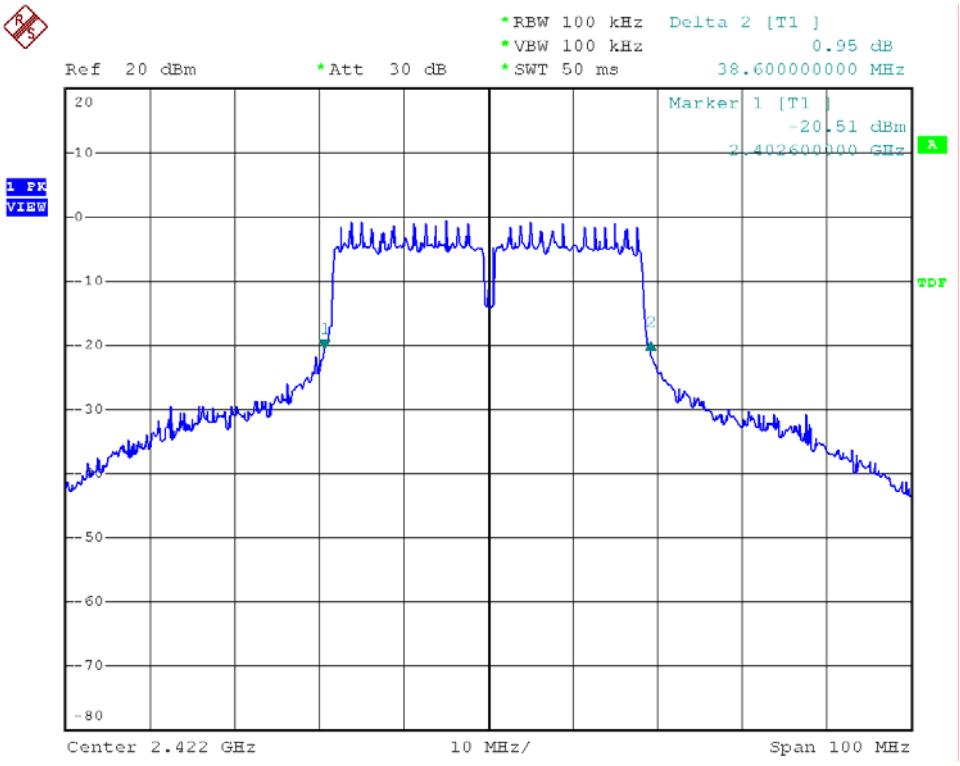
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R, 99% Bandwidth
Channel: 06



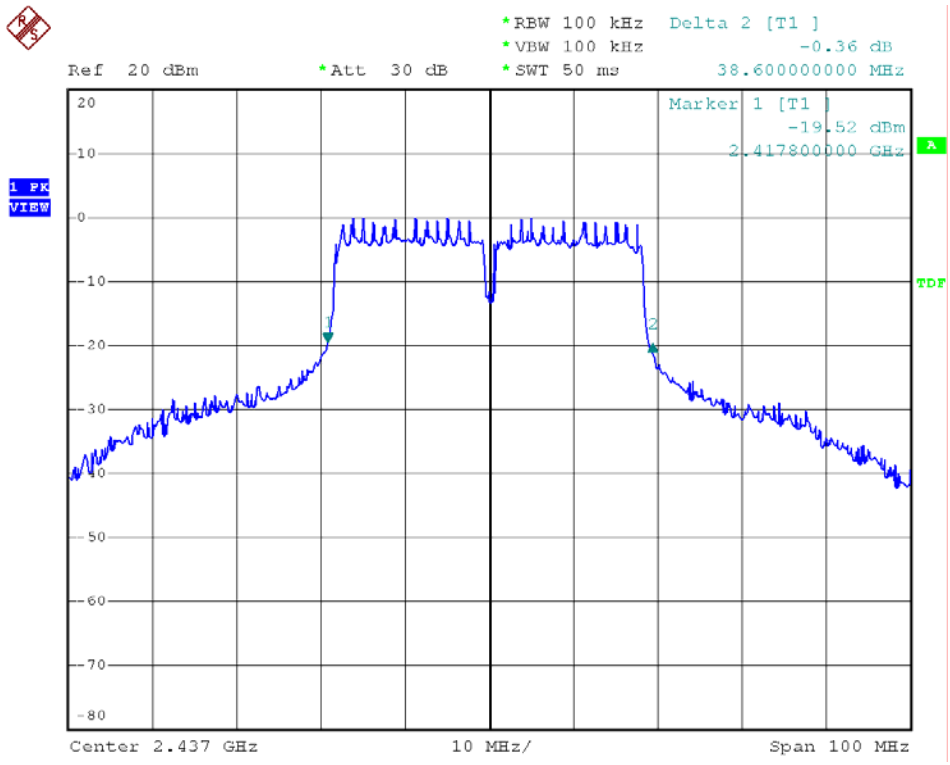
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R, 99% Bandwidth
Channel: 11



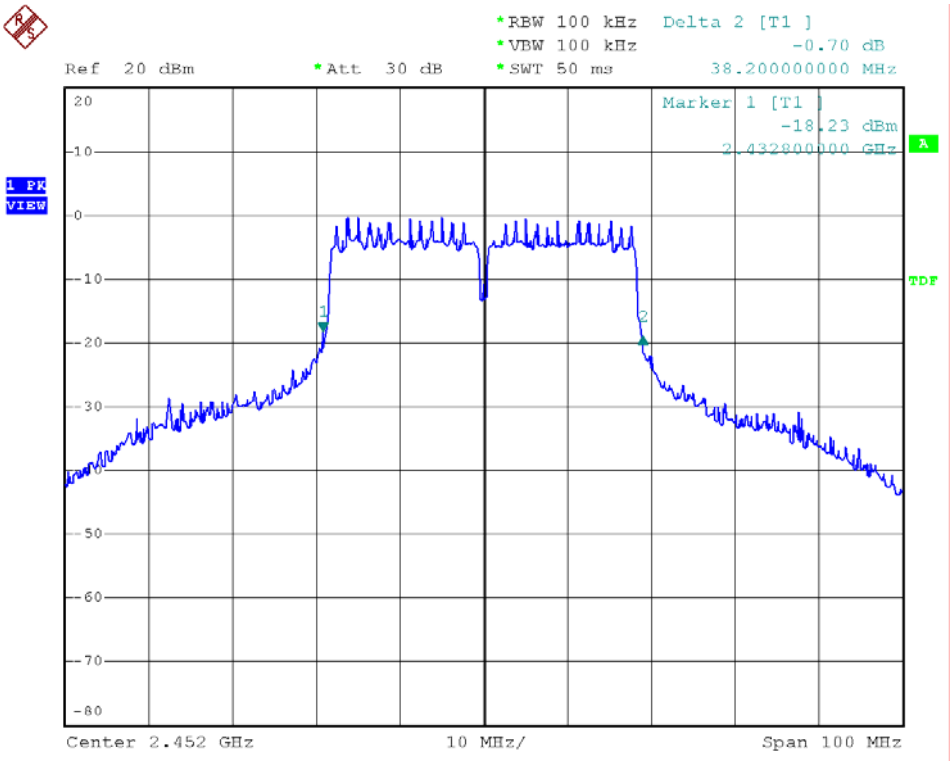
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R, 99% Bandwidth
Channel: 03



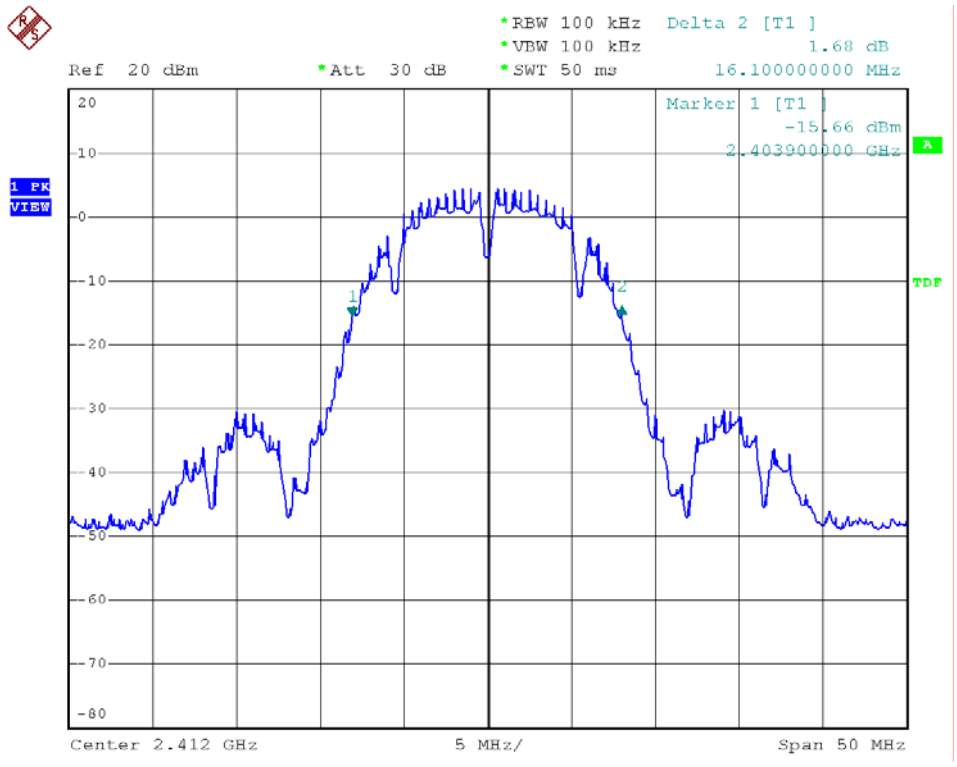
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R, 99% Bandwidth
Channel: 06



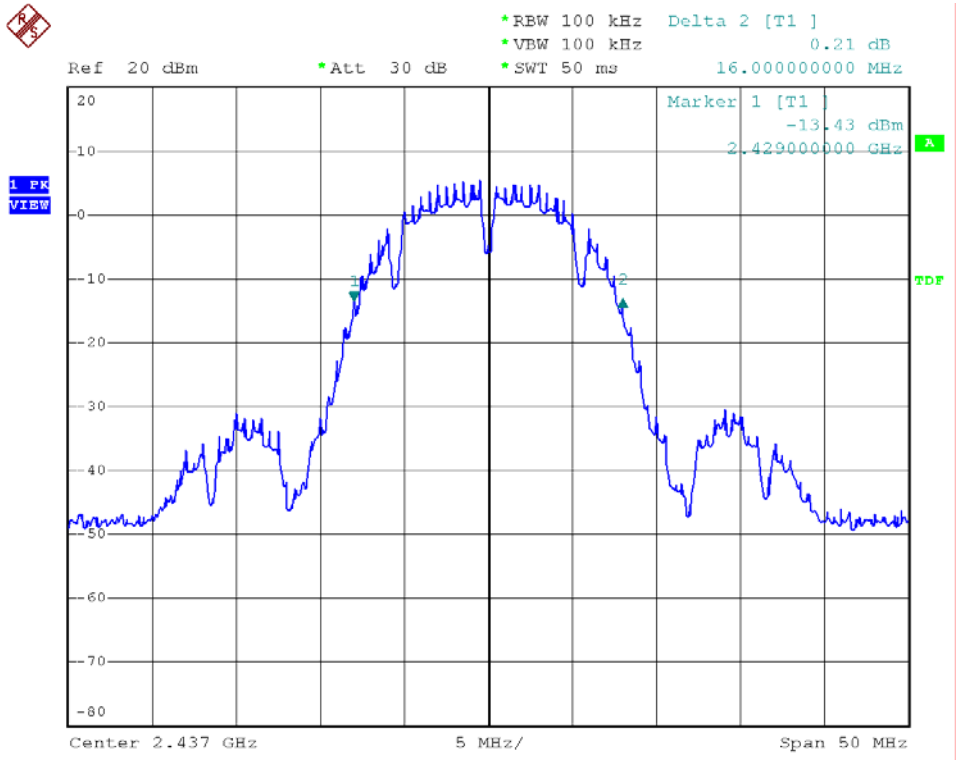
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R, 99% Bandwidth
Channel: 09



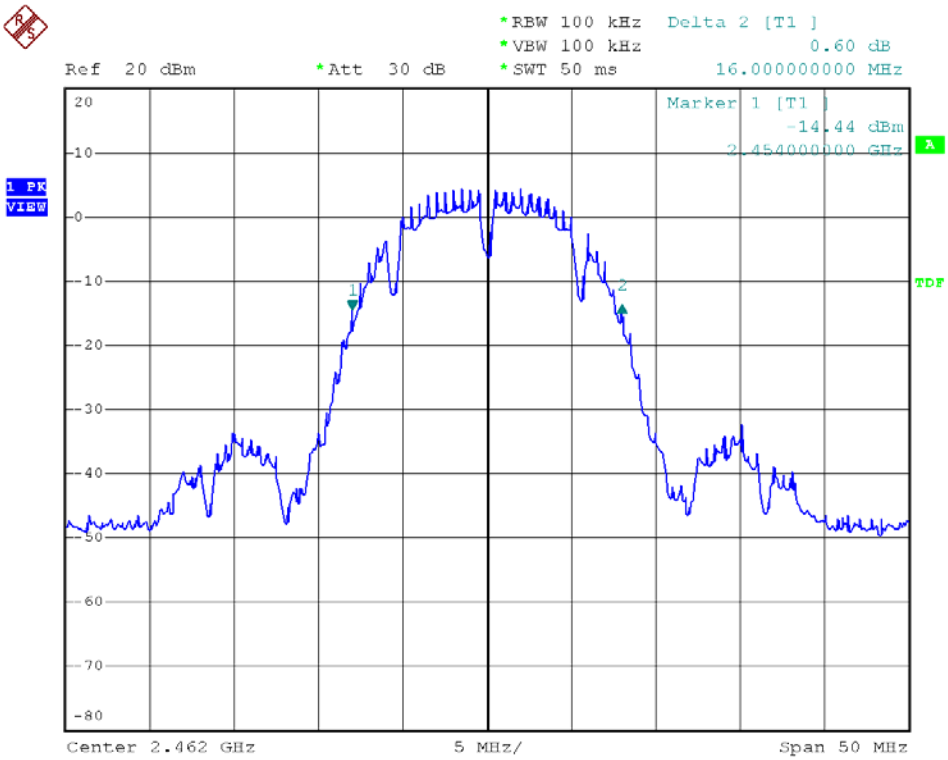
Modulation Standard: 802.11b (1Mbps), ANT L, 99% Bandwidth
Channel: 01



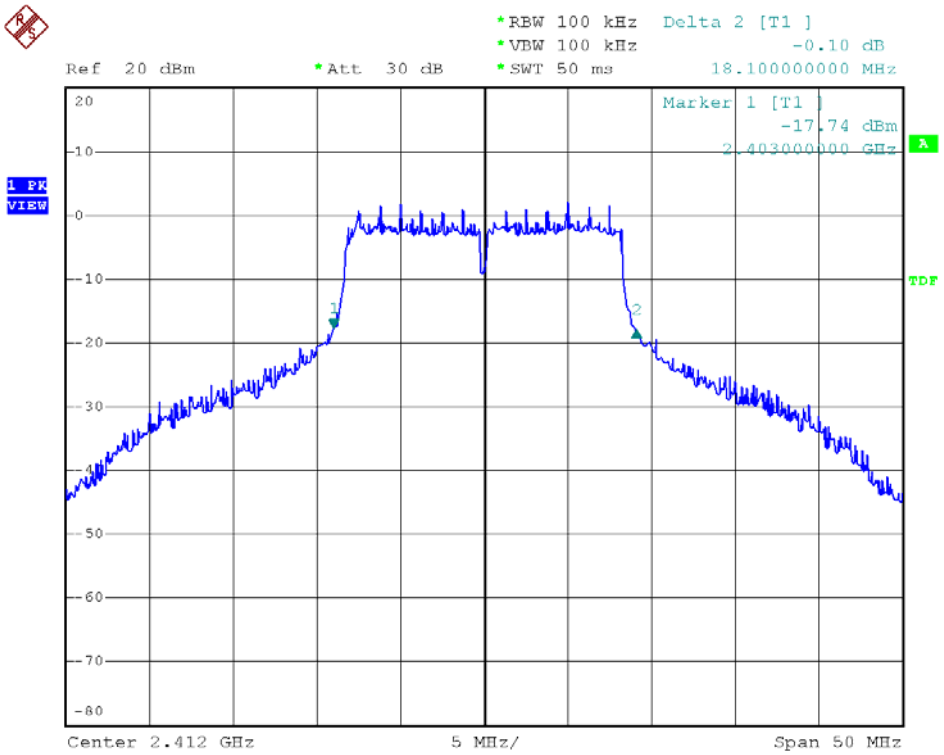
Modulation Standard: 802.11b (1Mbps), ANT L, 99% Bandwidth
Channel: 06



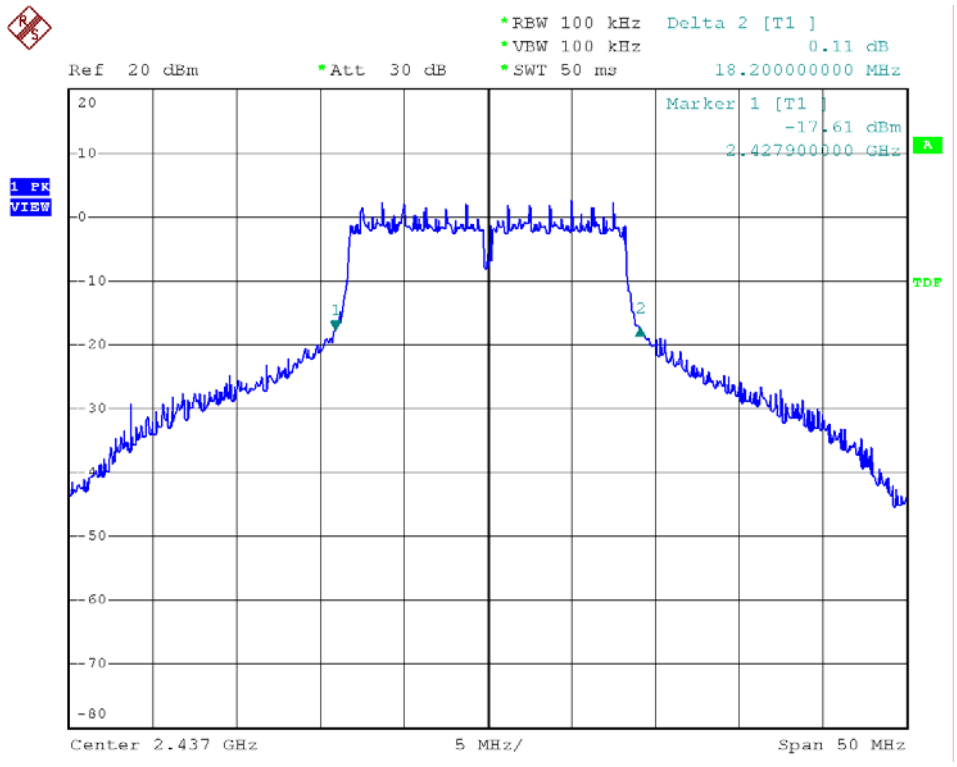
Modulation Standard: 802.11b (1Mbps), ANT L, 99% Bandwidth
Channel: 11



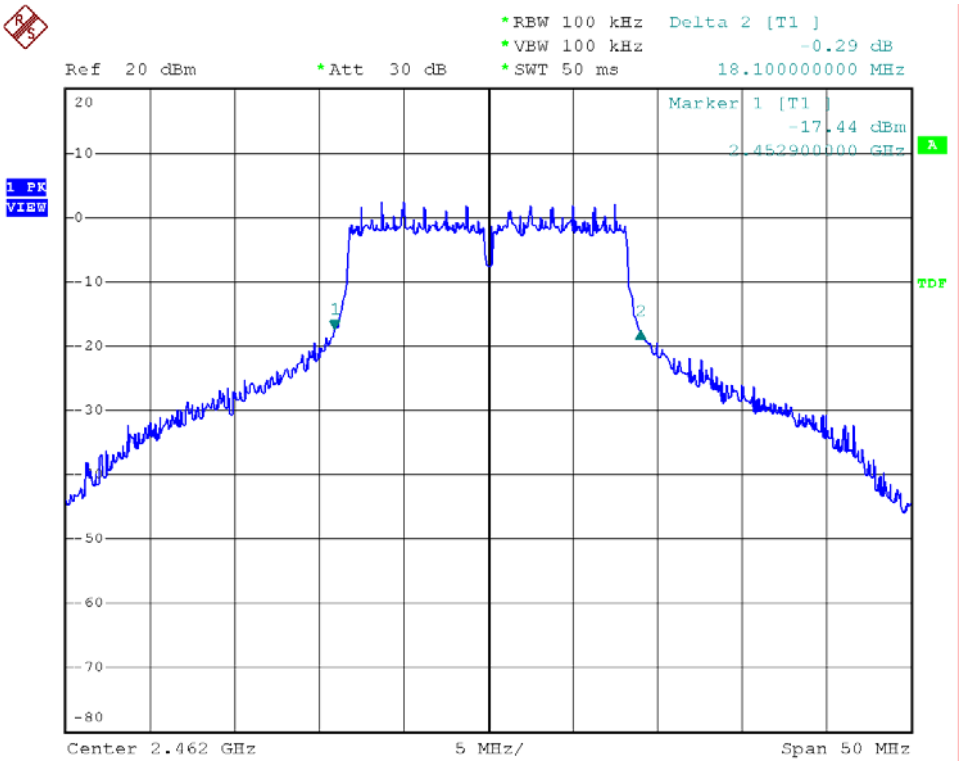
Modulation Standard: 802.11g (6Mbps), ANT L, 99% Bandwidth
Channel: 01



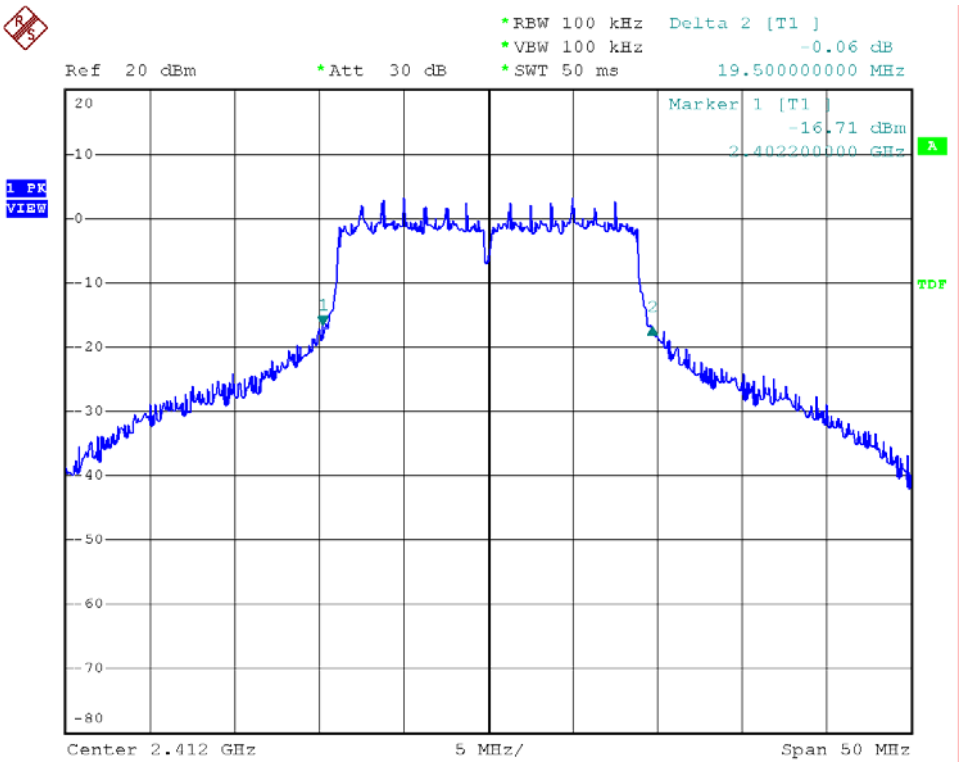
Modulation Standard: 802.11g (6Mbps), ANT L, 99% Bandwidth
Channel: 06



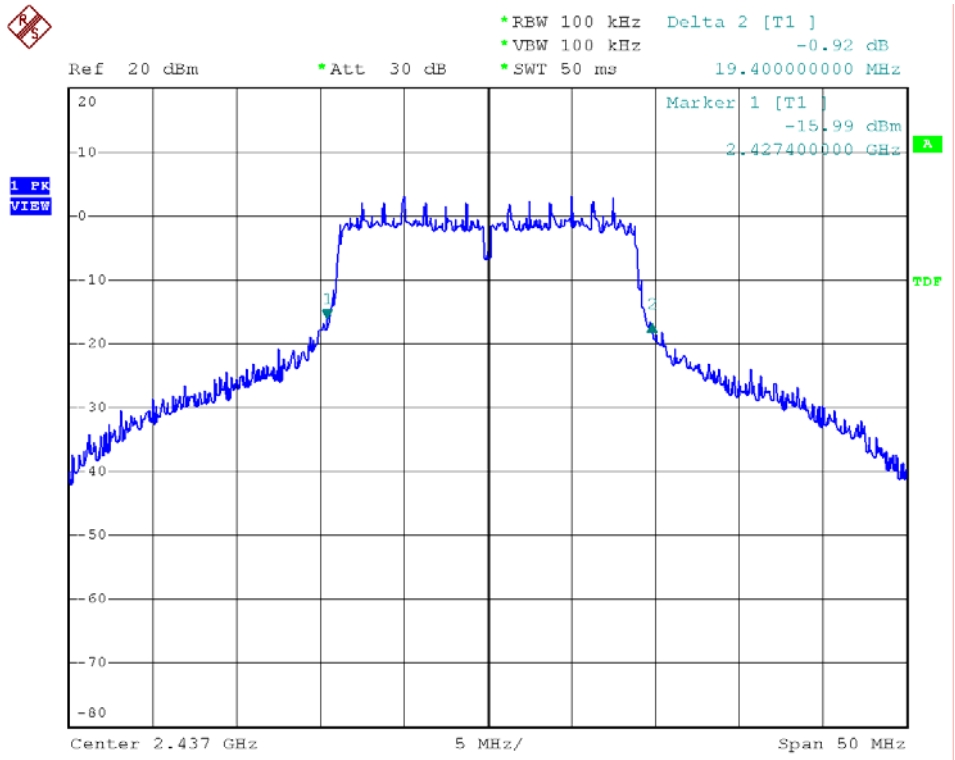
Modulation Standard: 802.11g (6Mbps), ANT L, 99% Bandwidth
Channel: 11



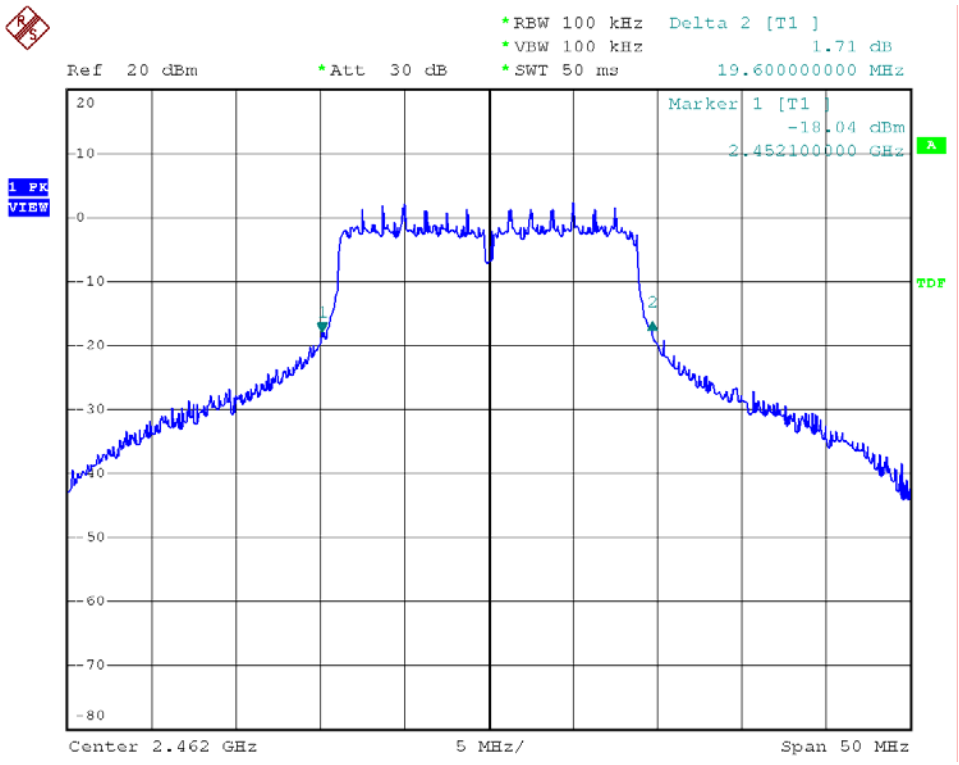
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L, 99% Bandwidth
Channel: 01



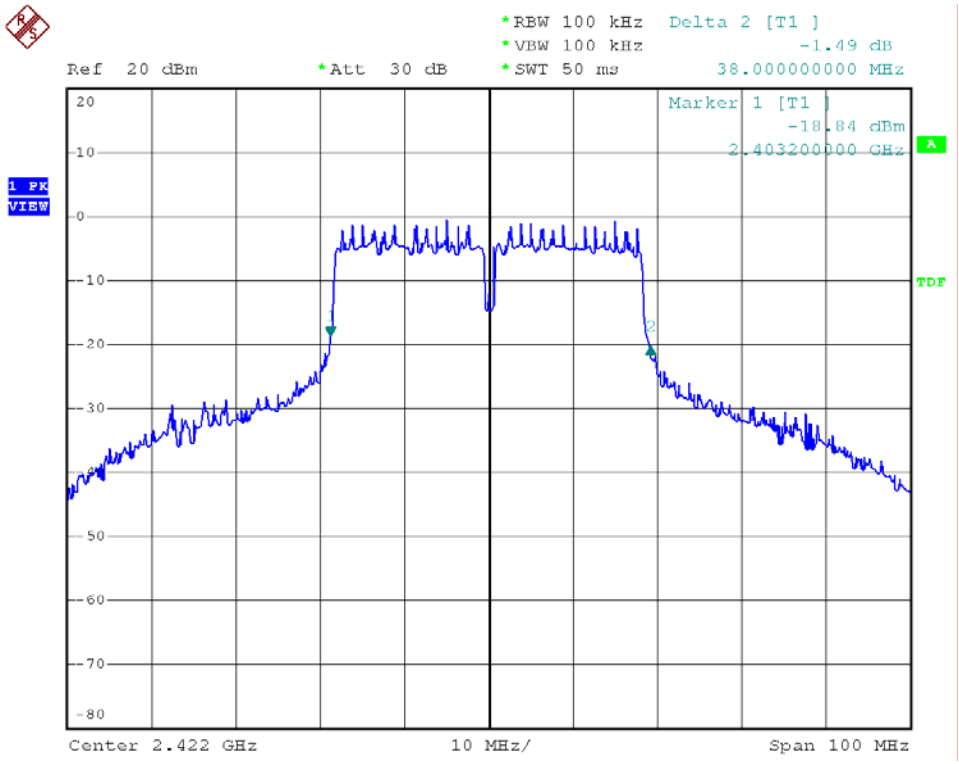
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L, 99% Bandwidth
Channel: 06



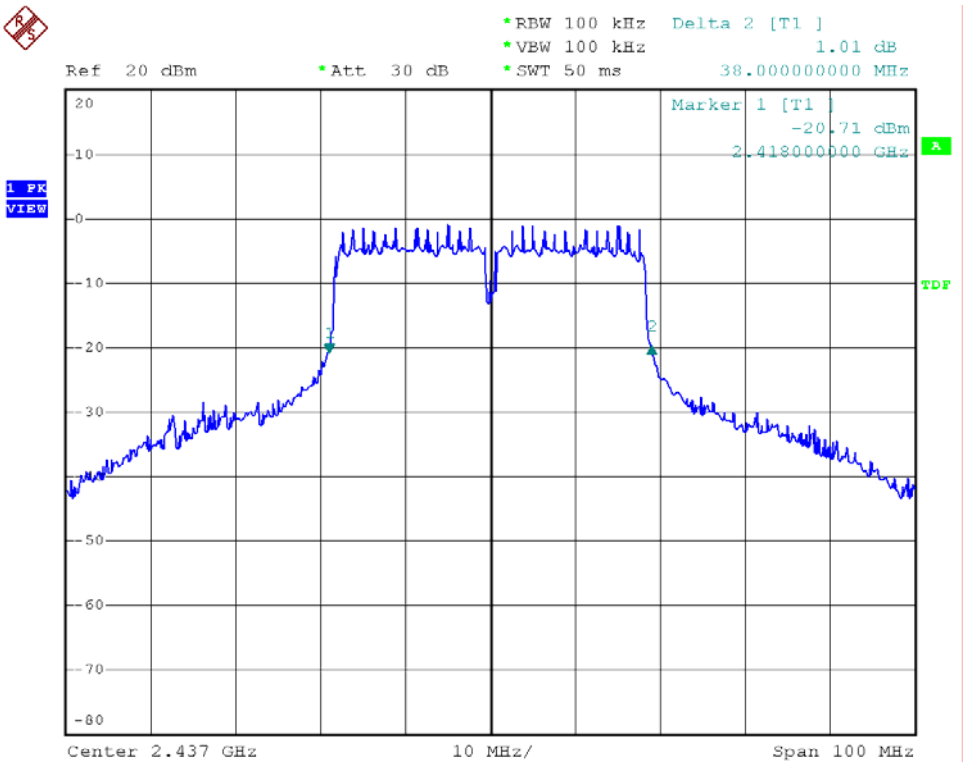
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L, 99% Bandwidth
Channel: 11



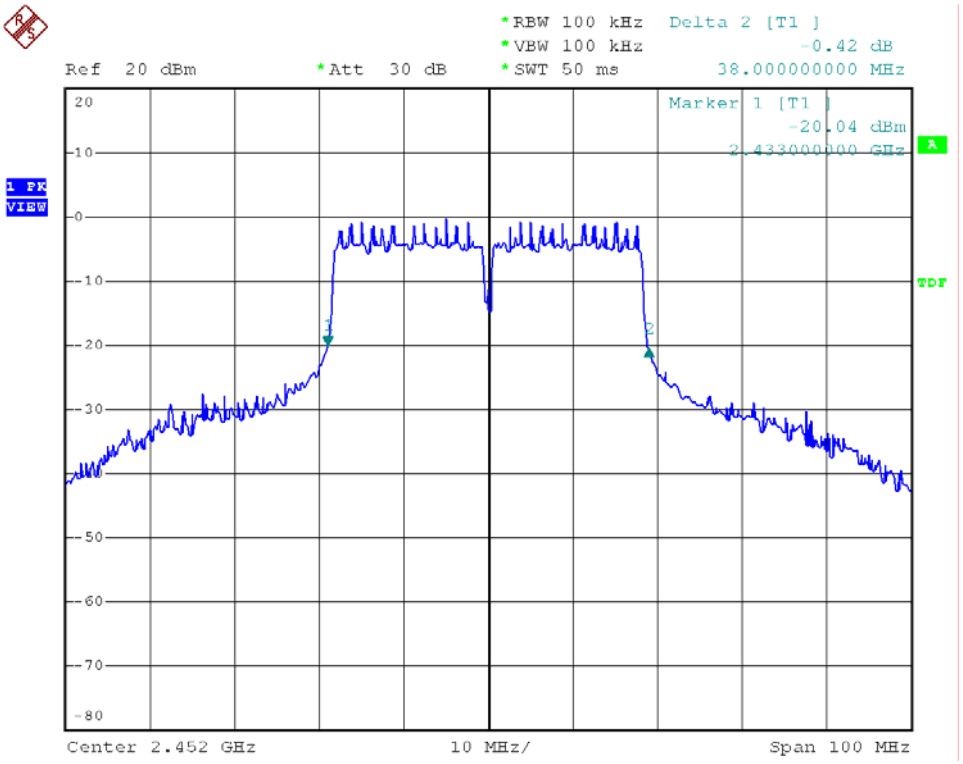
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L, 99% Bandwidth
Channel: 03



Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L, 99% Bandwidth
Channel: 06



Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L, 99% Bandwidth
Channel: 09



7. Maximum Peak Output Power

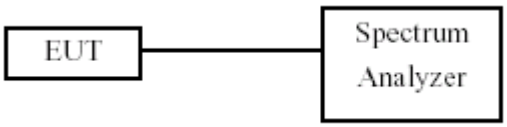
7.1 Test Limit

The Maximum Peak Output Power Measurement is 30dBm.

7.2 Test Procedures

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

7.3 Test Setup Layout



7.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

7.5 Test Result and Data

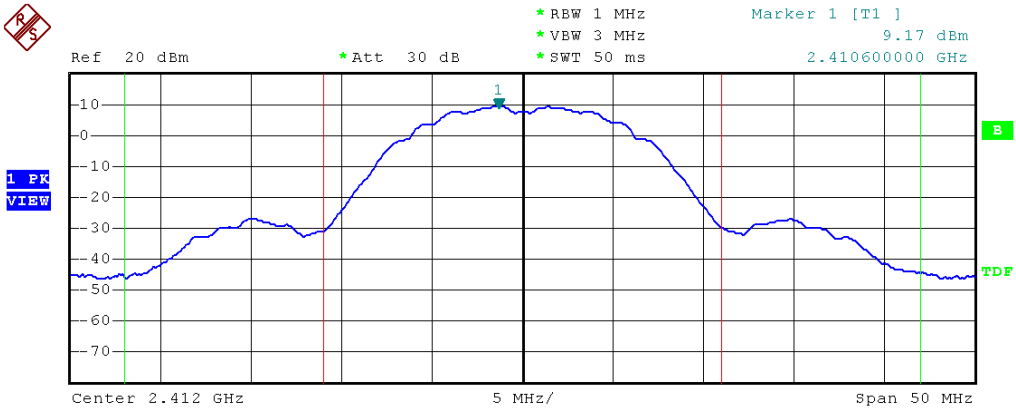
Test Date: Jun. 17, 2011 Temperature: 25℃

Atmospheric pressure: 1025 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT R	ANT L	Total	Total
802.11b (1Mbps)	01	2412	17.55	16.55	20.09	102.1
	06	2437	16.50	17.30	19.93	98.4
	11	2462	16.98	16.22	19.63	91.8
802.11g (6Mbps)	01	2412	18.19	19.06	21.66	146.5
	06	2437	22.31	22.13	25.23	333.5
	11	2462	17.26	18.81	21.11	129.2

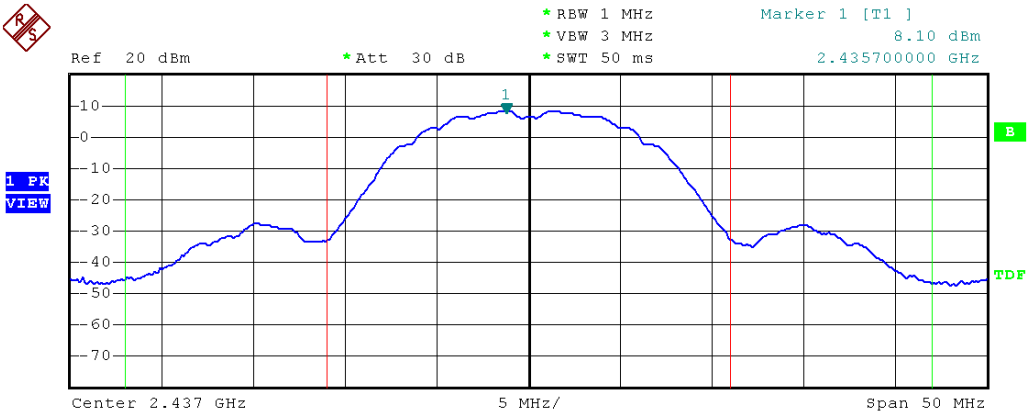
Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT R	ANT L	Total	Total
802.11n HT20 (6.5Mbps)	01	2412	17.53	18.63	21.13	129.6
	06	2437	21.87	22.14	25.02	317.5
	11	2462	17.30	18.31	20.84	121.5
802.11n HT40 (13.5Mbps)	03	2422	15.34	17.91	19.82	96.0
	06	2437	22.09	21.65	24.89	308.0
	09	2452	15.46	17.44	19.57	90.6

Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



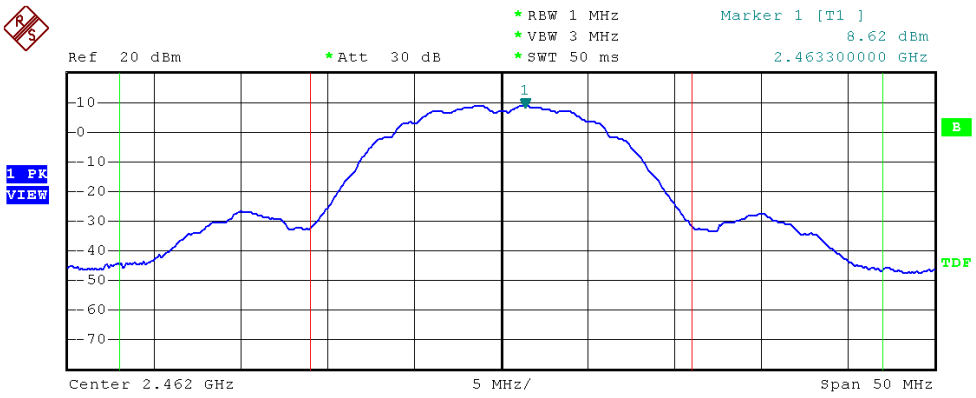
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	17.55 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-39.04 dB
Spacing	16.5 MHz	Upper	-38.94 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 06



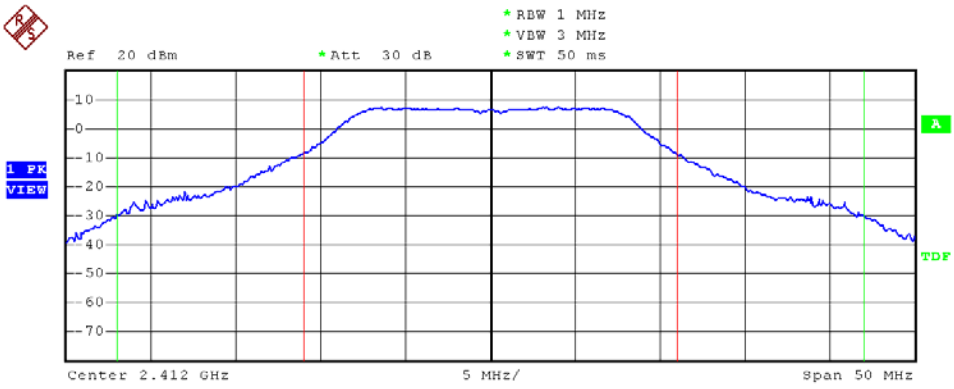
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.50 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-38.96 dB
Spacing	16.5 MHz	Upper	-39.35 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



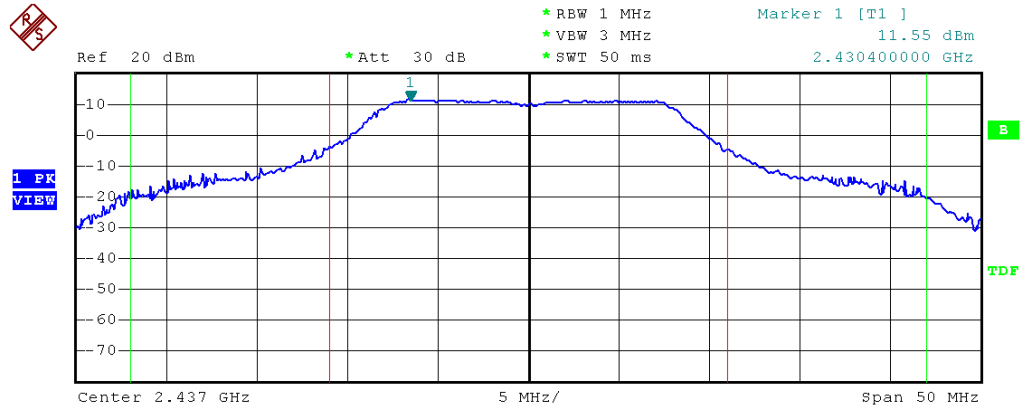
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.98 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-38.66 dB
Spacing	16.5 MHz	Upper	-39.42 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



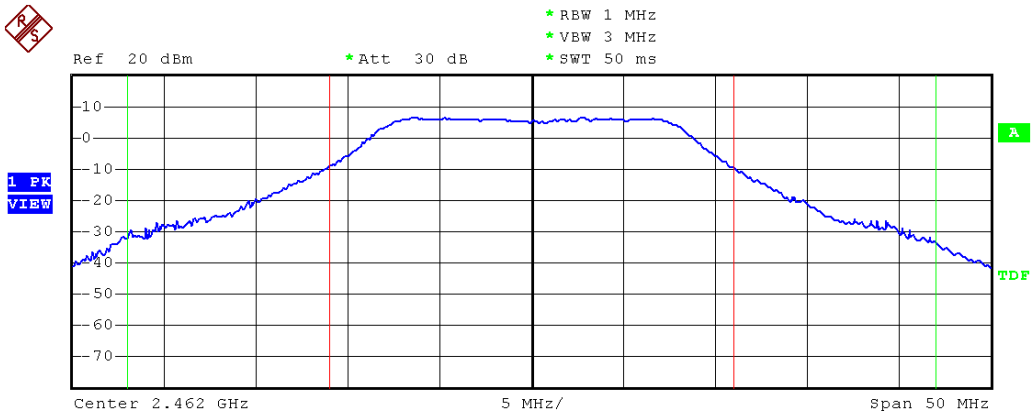
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.19 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.95 dB
Spacing	16.5 MHz	Upper	-25.61 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 06



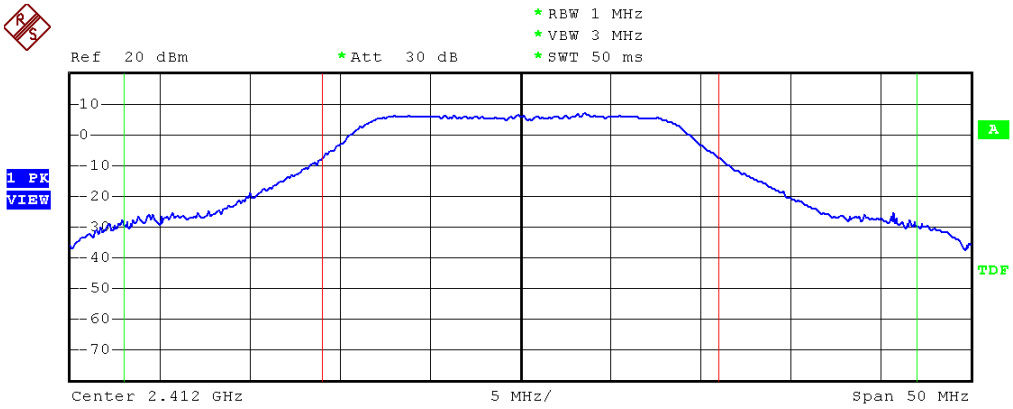
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	22.31 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.00 dB
Spacing	16.5 MHz	Upper	-24.40 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



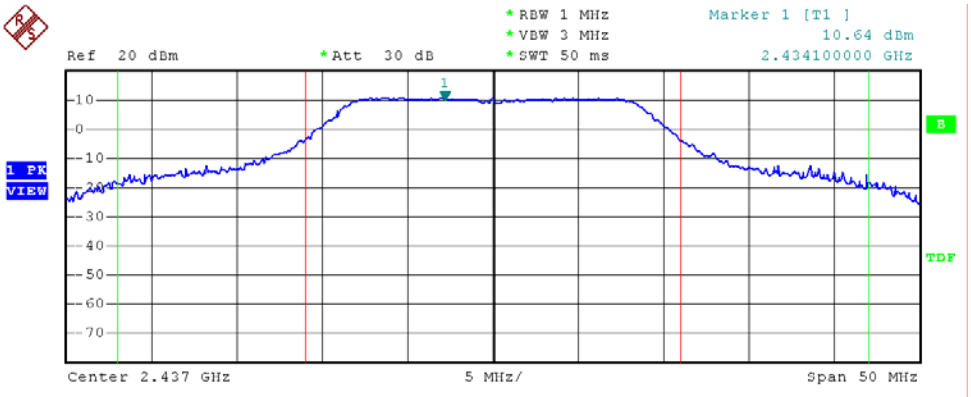
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	17.26 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-25.10 dB
Spacing	16.5 MHz	Upper	-25.86 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 01



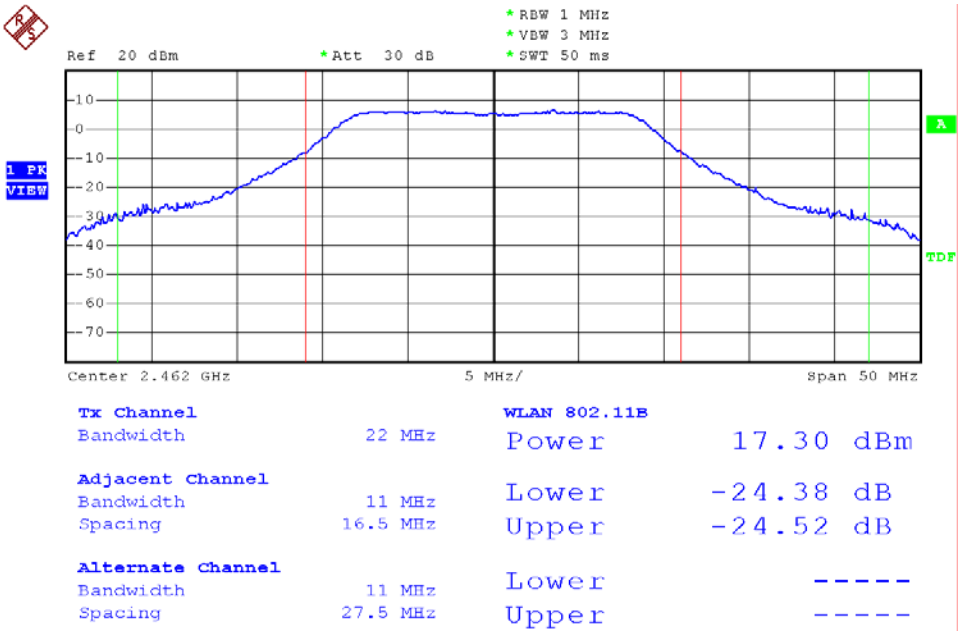
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	17.53 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.47 dB
Spacing	16.5 MHz	Upper	-24.62 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 06

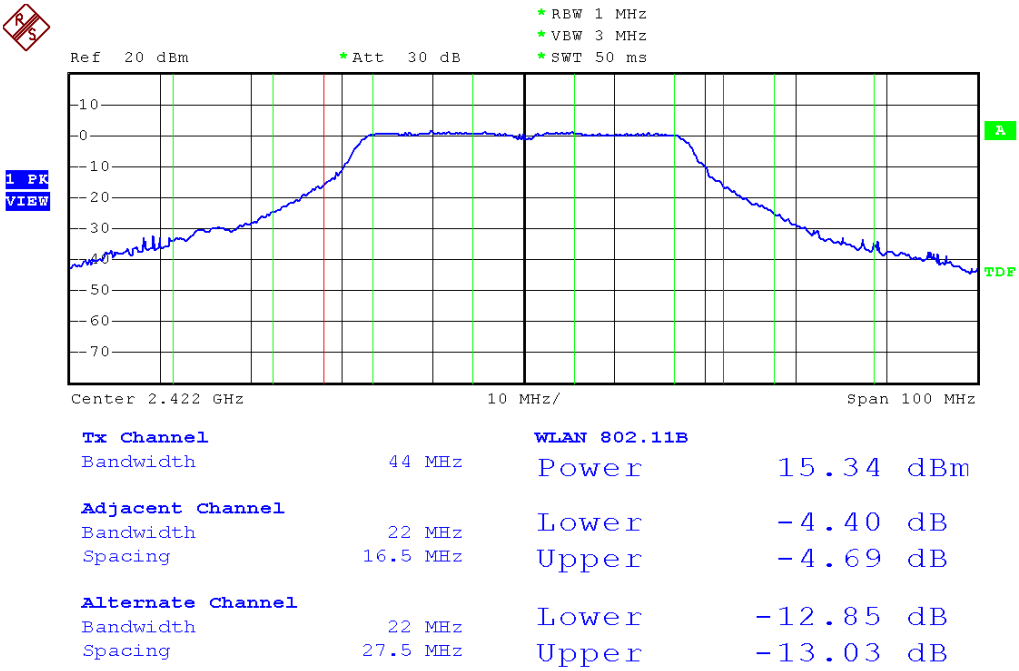


Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	21.87 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-23.49 dB
Spacing	16.5 MHz	Upper	-23.45 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

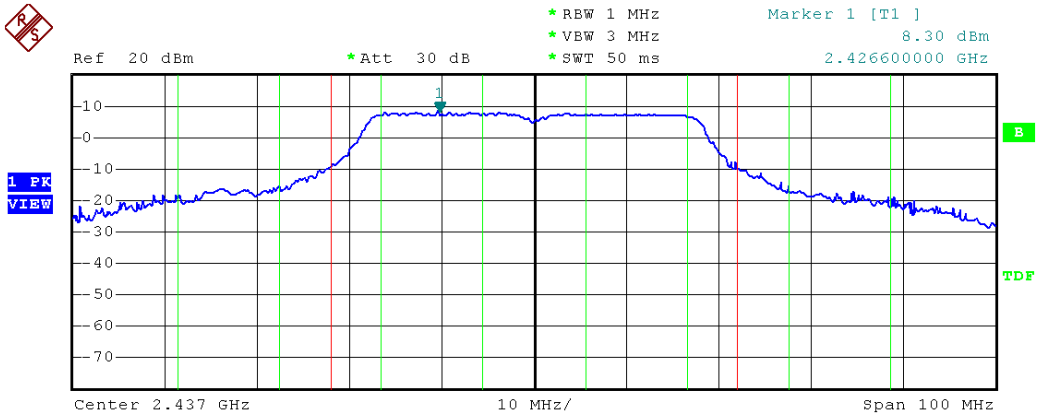
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 11



Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 03

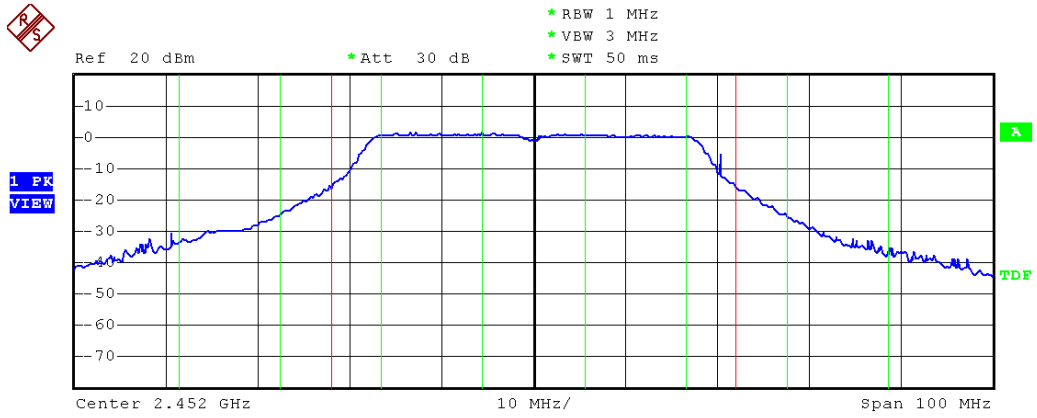


Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 06



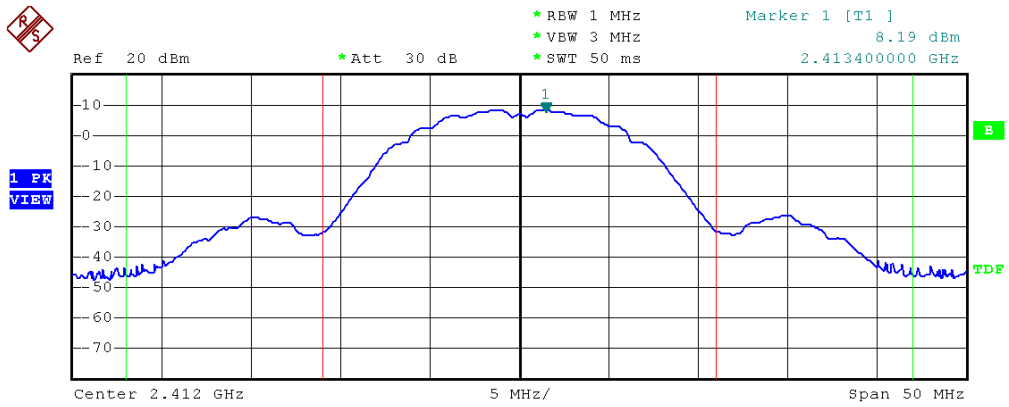
Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	22.09 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.29 dB
Spacing	16.5 MHz	Upper	-4.68 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.76 dB
Spacing	27.5 MHz	Upper	-12.89 dB

Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 09



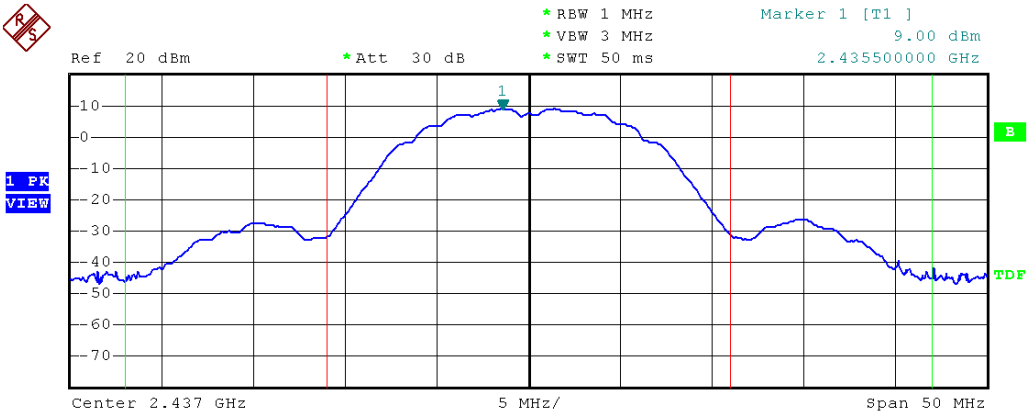
Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	15.46 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.33 dB
Spacing	16.5 MHz	Upper	-4.70 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.77 dB
Spacing	27.5 MHz	Upper	-12.70 dB

Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



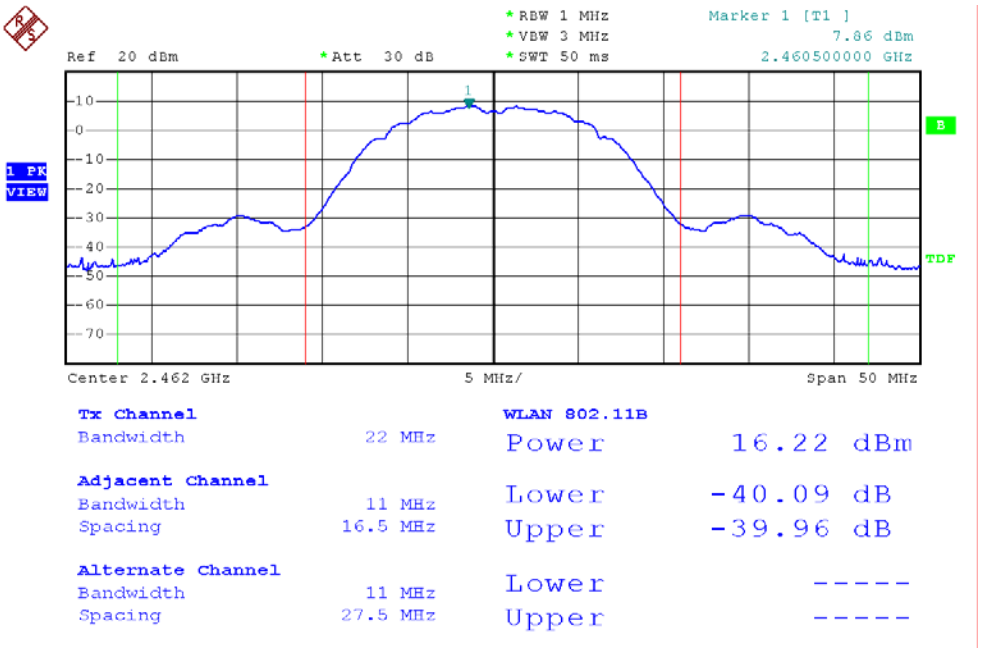
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.55 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-38.38 dB
Spacing	16.5 MHz	Upper	-37.79 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 06

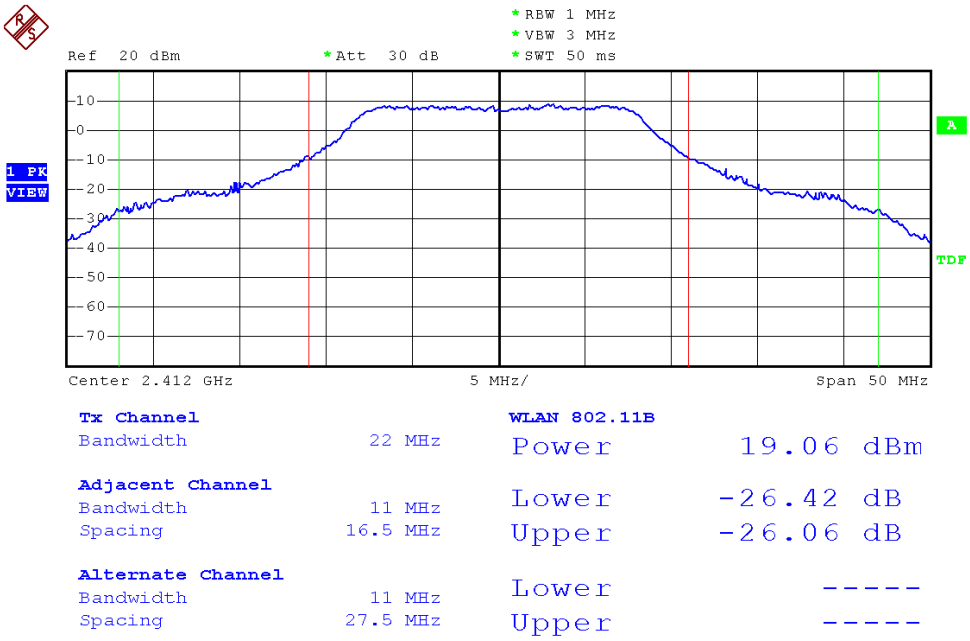


Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	17.30 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-39.03 dB
Spacing	16.5 MHz	Upper	-38.38 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

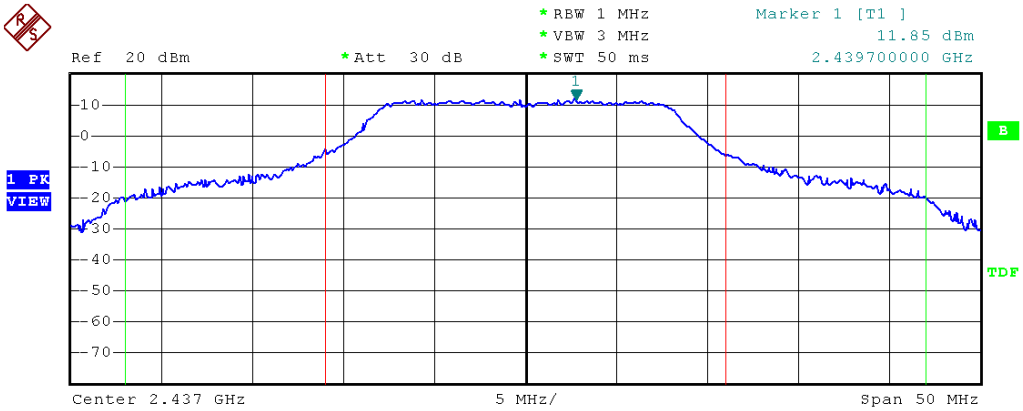
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01

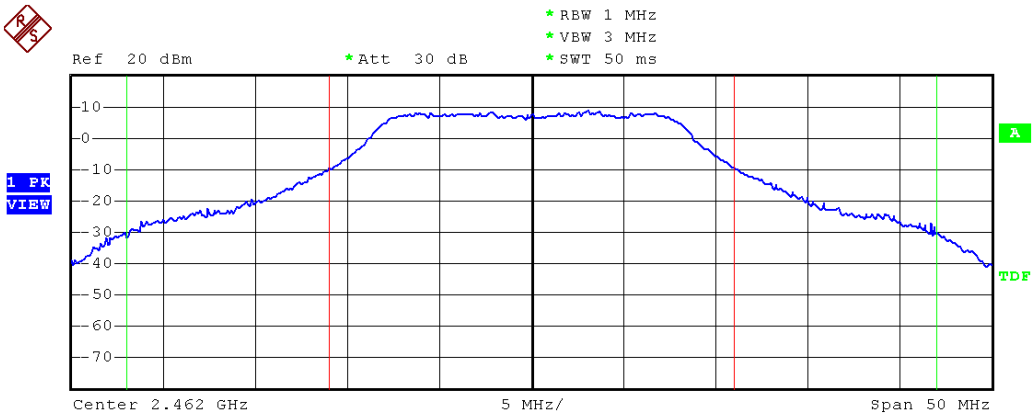


Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06



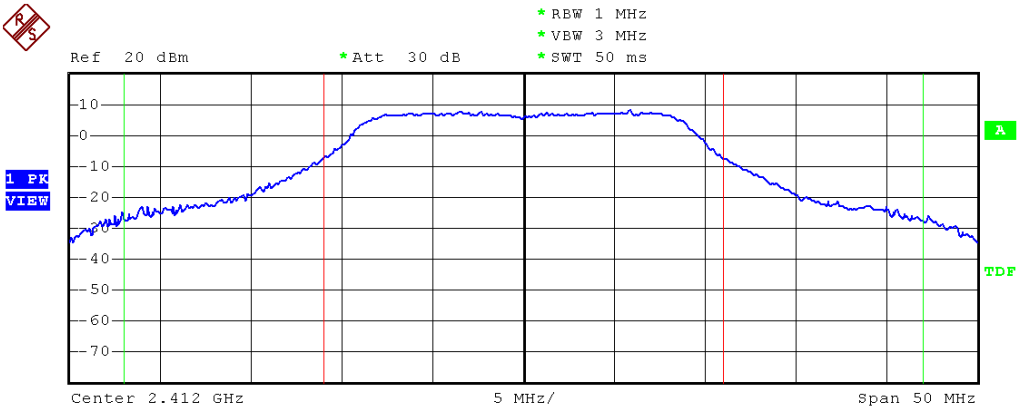
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	22.13 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.98 dB
Spacing	16.5 MHz	Upper	-24.55 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



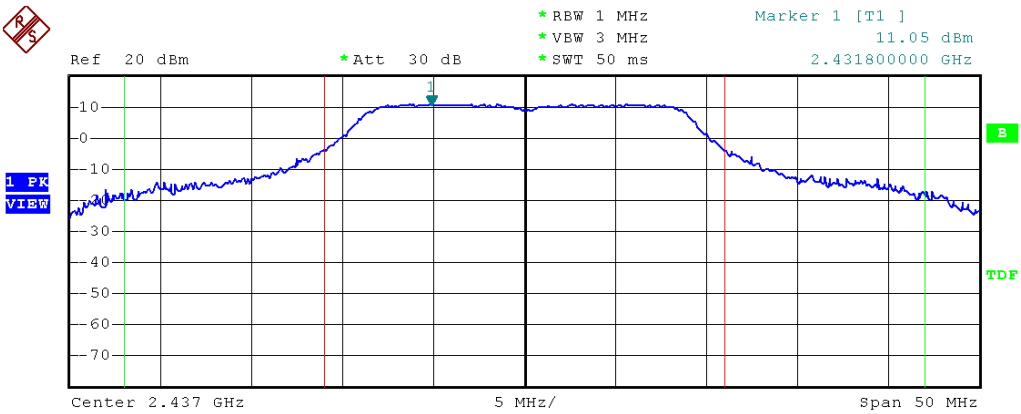
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.81 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-27.05 dB
Spacing	16.5 MHz	Upper	-26.62 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 01



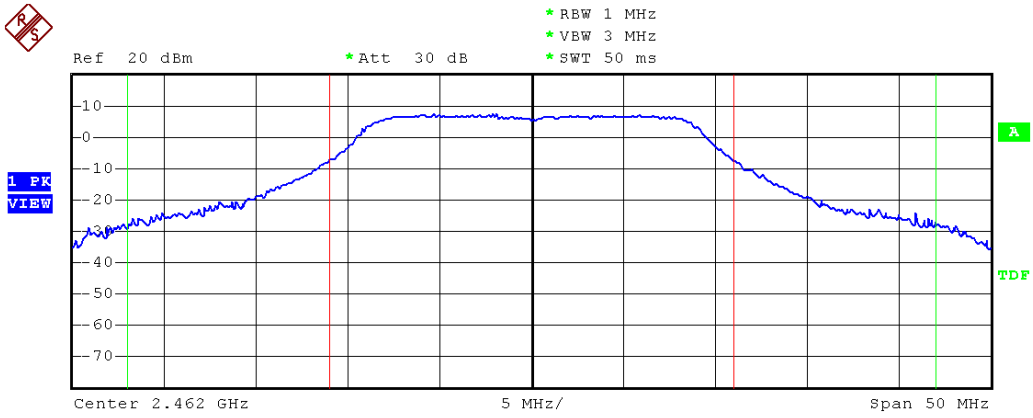
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.63 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.85 dB
Spacing	16.5 MHz	Upper	-24.53 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 06



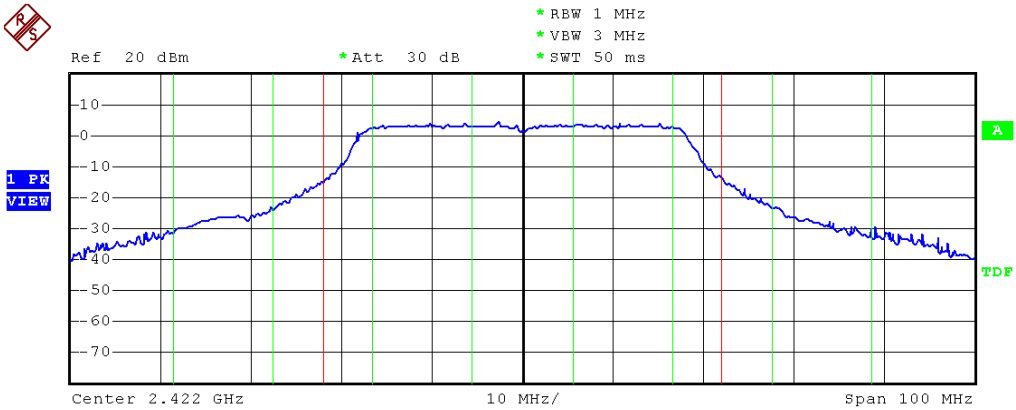
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	22.14 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-23.67 dB
Spacing	16.5 MHz	Upper	-23.32 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 11



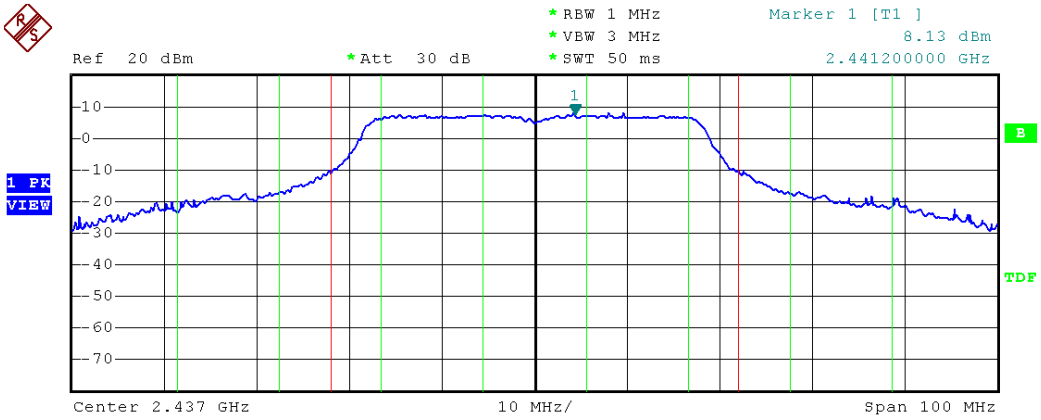
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.31 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-24.73 dB
Spacing	16.5 MHz	Upper	-24.74 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 03



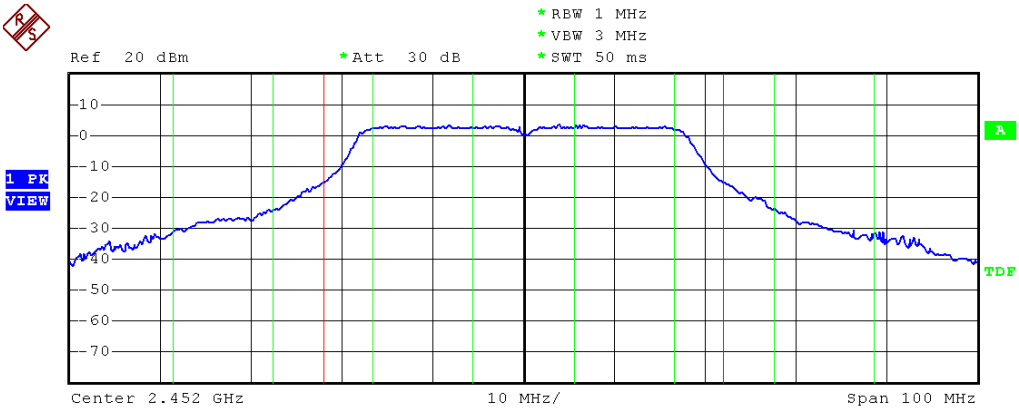
Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	17.91 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.62 dB
Spacing	16.5 MHz	Upper	-4.50 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-13.34 dB
Spacing	27.5 MHz	Upper	-12.99 dB

Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 06



Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	21.65 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.54 dB
Spacing	16.5 MHz	Upper	-4.50 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-13.06 dB
Spacing	27.5 MHz	Upper	-12.91 dB

Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 09



Tx Channel		**WLAN 802.11B**	
Bandwidth	44 MHz	Power	17.44 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.48 dB
Spacing	16.5 MHz	Upper	-4.58 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.97 dB
Spacing	27.5 MHz	Upper	-13.17 dB

8. Power Spectral Density

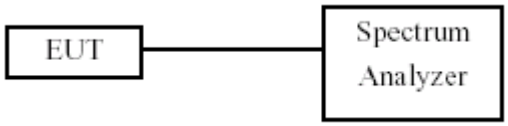
8.1 Test Limit

The Maximum of Power Spectral Density Measurement is 8dBm.

8.2 Test Procedures

a. The transmitter output was connected to spectrum analyzer.
b. The spectrum analyzer's resolution bandwidth were set at 3KHz RBW and 30KHz VBW as that of the fundamental frequency. Set the sweep time=span/3KHz.
c. The power spectral density was measured and recorded.
d. The Sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.

8.3 Test Setup Layout



8.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

8.5 Test Result and Data

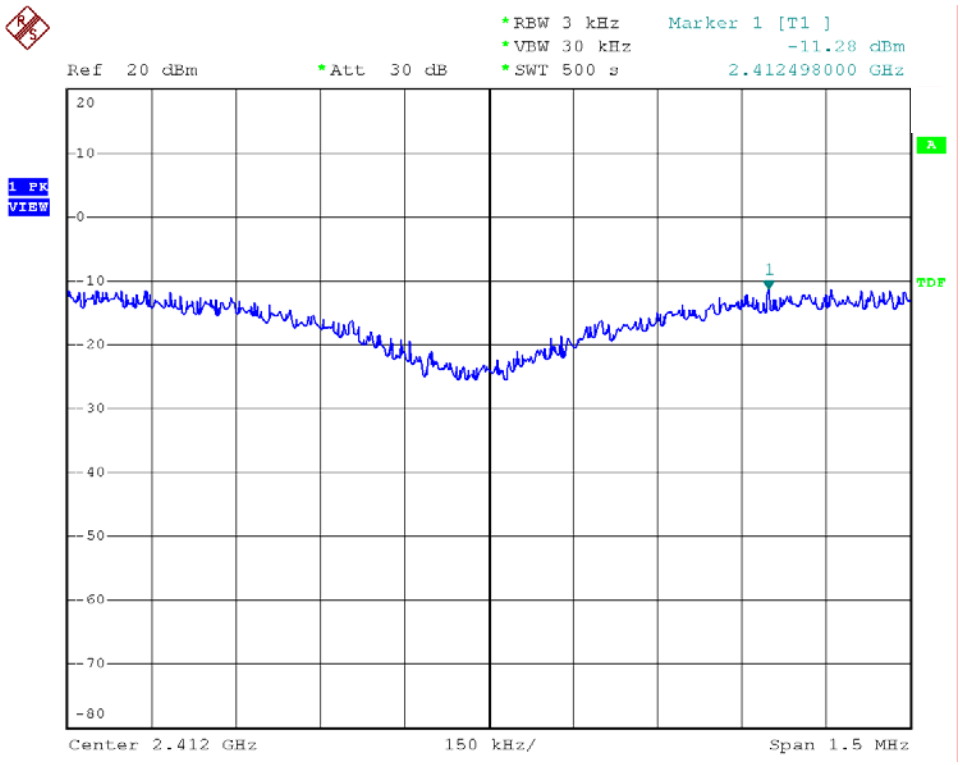
Test Date: May 12, 2011 Temperature: 25℃

Atmospheric pressure: 1022 hPa Humidity: 65%

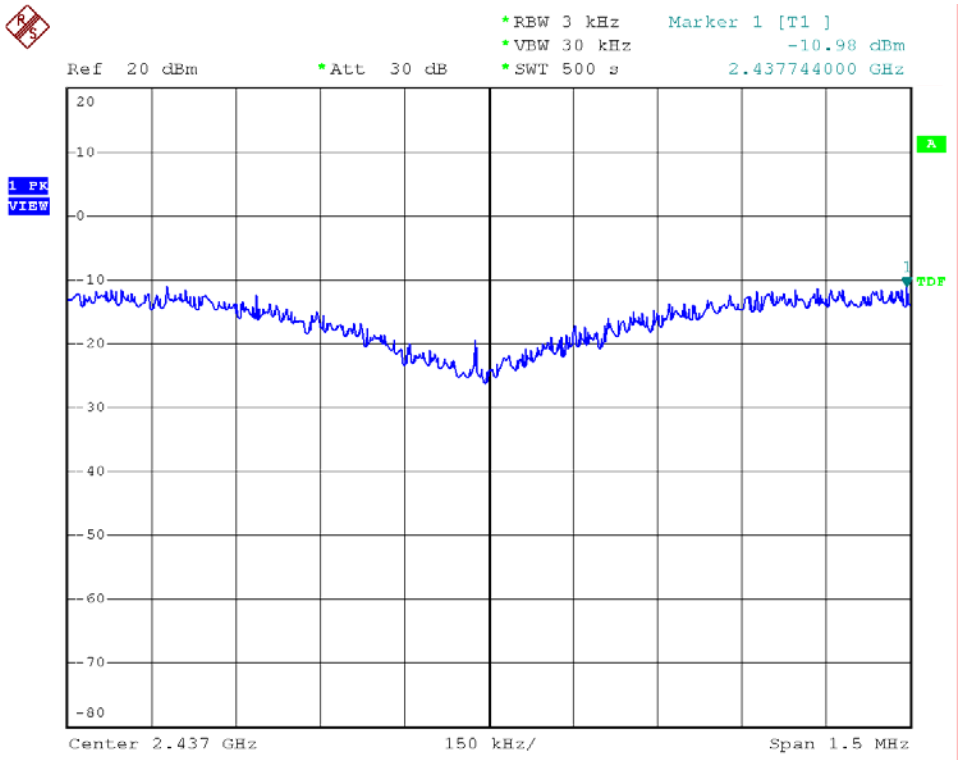
Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)	
			ANT R	ANT L
802.11b (1Mbps)	01	2412	-11.28	-9.25
	06	2437	-10.98	-7.77
	11	2462	-10.39	-9.05
802.11g (6Mbps)	01	2412	-11.21	-9.90
	06	2437	-11.31	-10.14
	11	2462	-11.31	-9.77

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT R	ANT L	Total
802.11n HT20 (6.5Mbps)	01	2412	-11.10	-9.34	-7.12
	06	2437	-11.67	-10.25	-7.89
	11	2462	-10.75	-10.68	-7.70
802.11n HT40 (13.5Mbps)	03	2422	-15.93	-12.16	-10.64
	06	2437	-15.17	-14.13	-11.61
	09	2452	-14.59	-12.12	-10.17

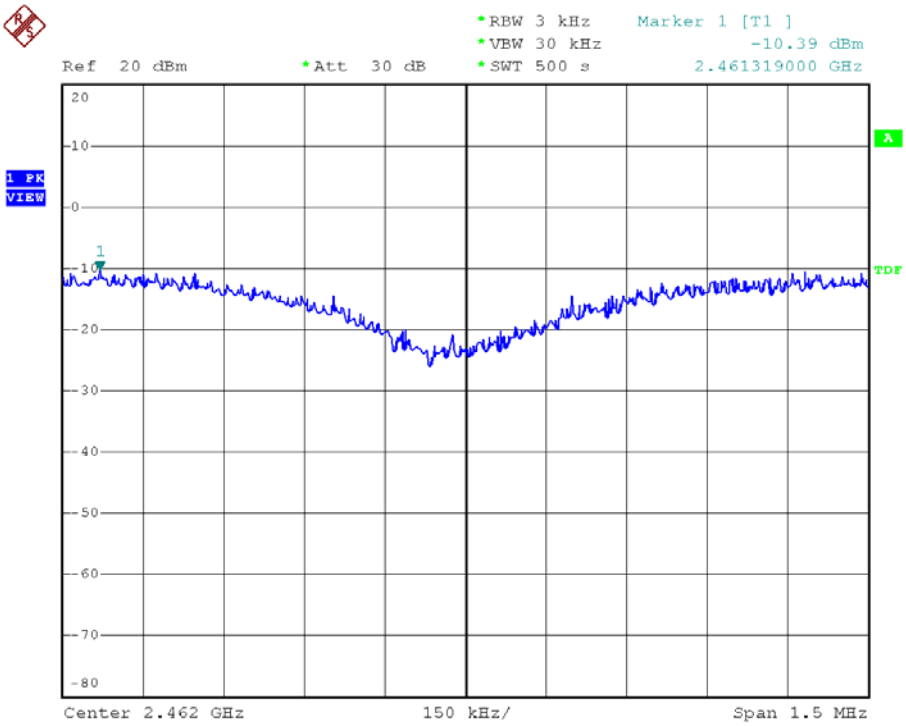
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



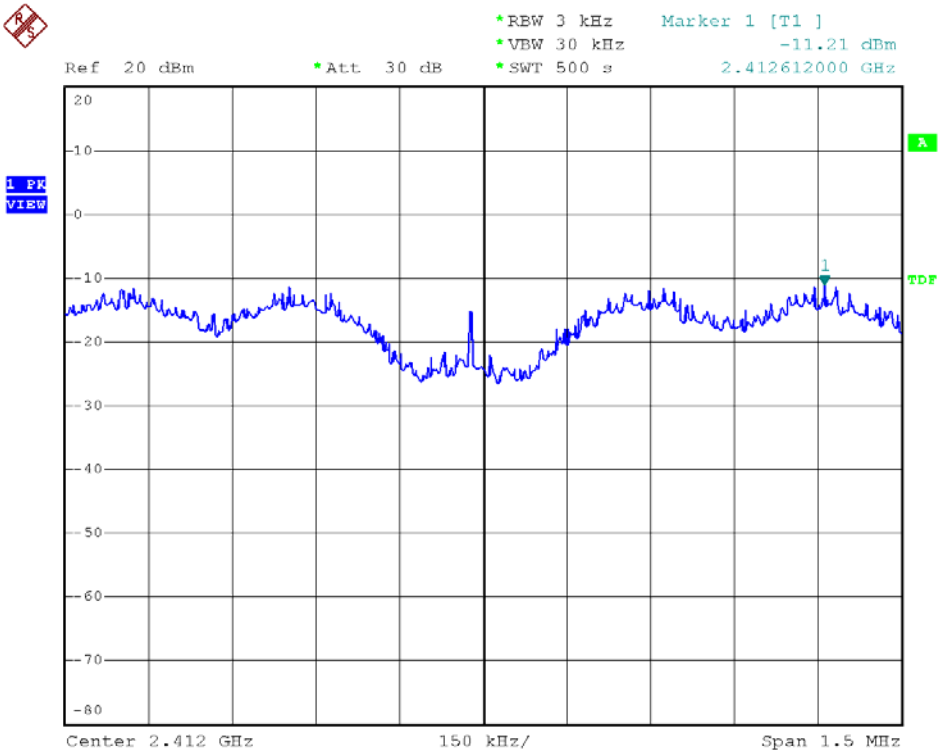
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 06



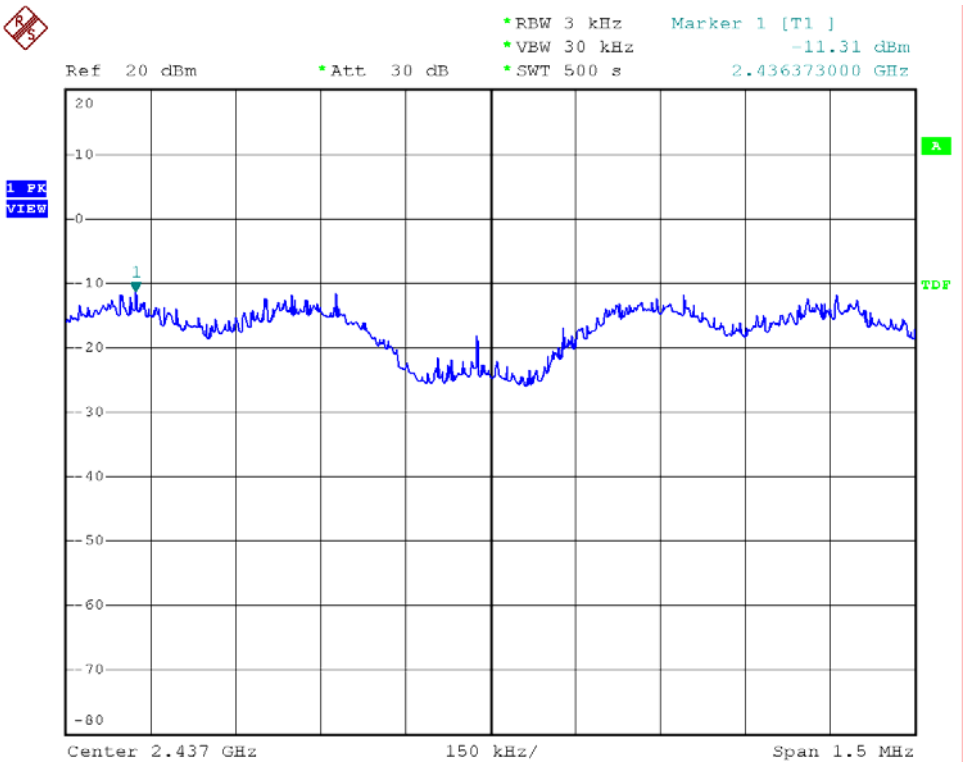
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



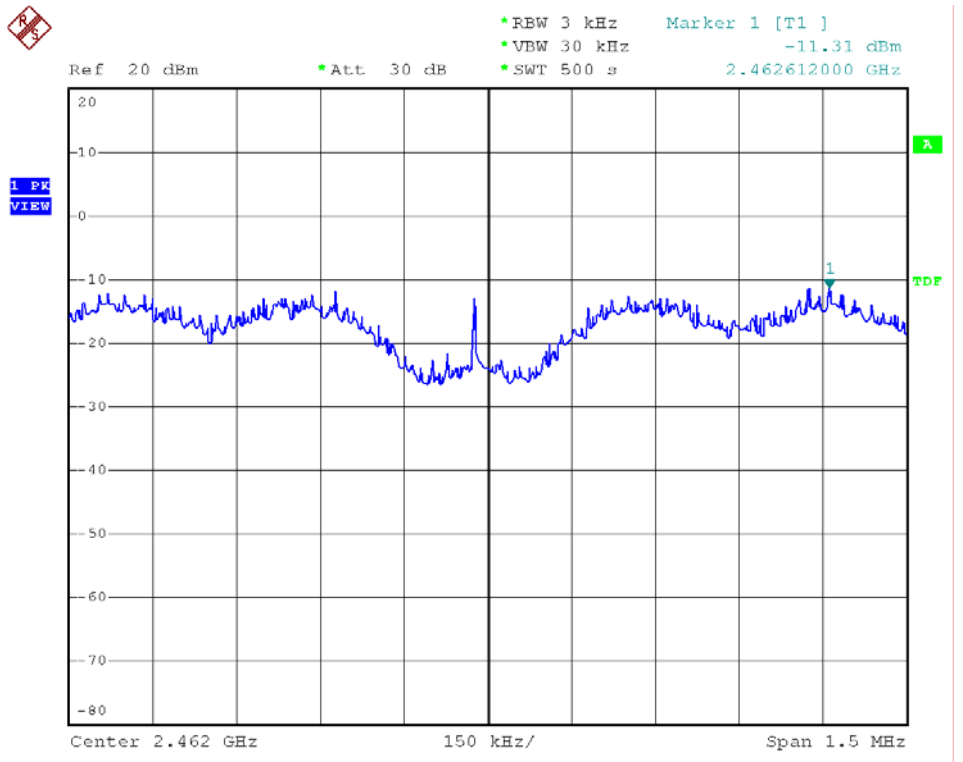
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



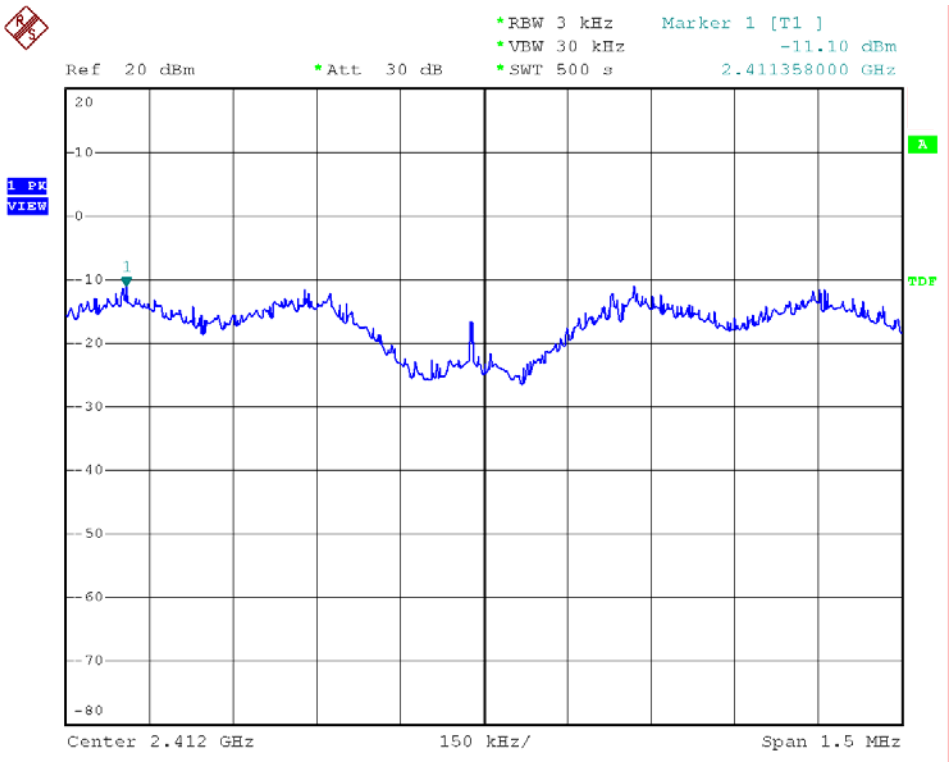
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 06



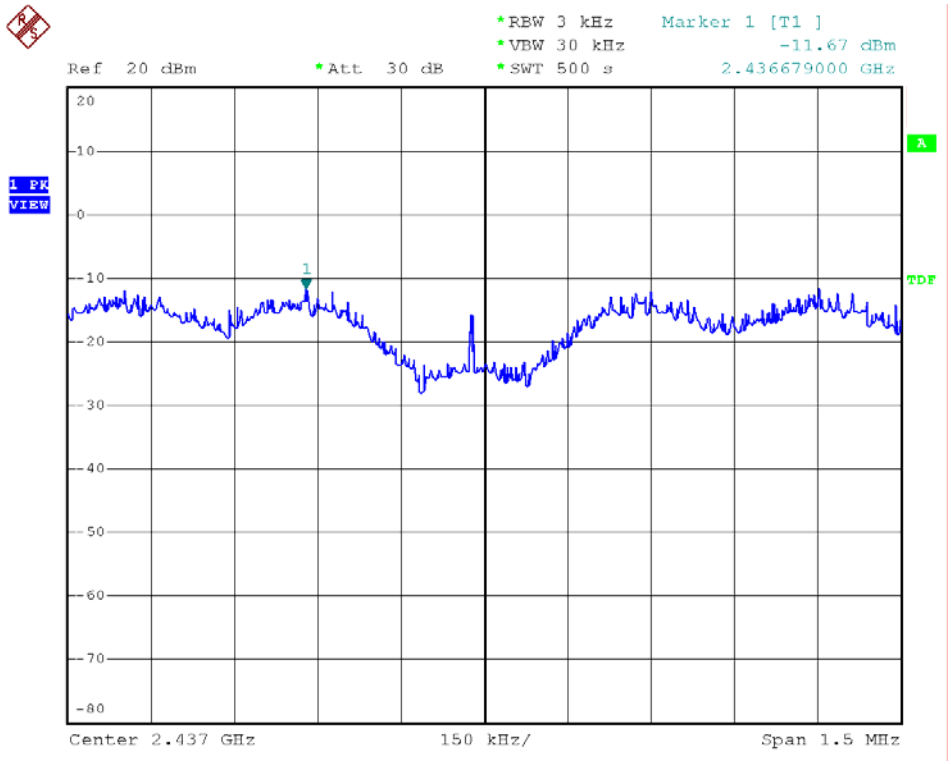
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



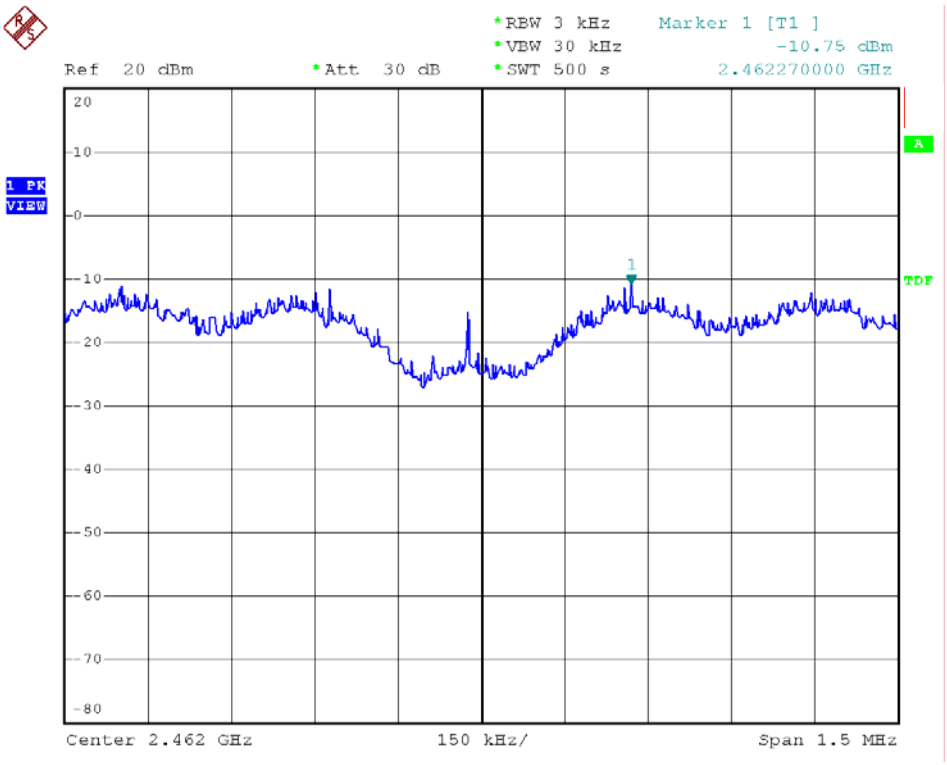
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 01



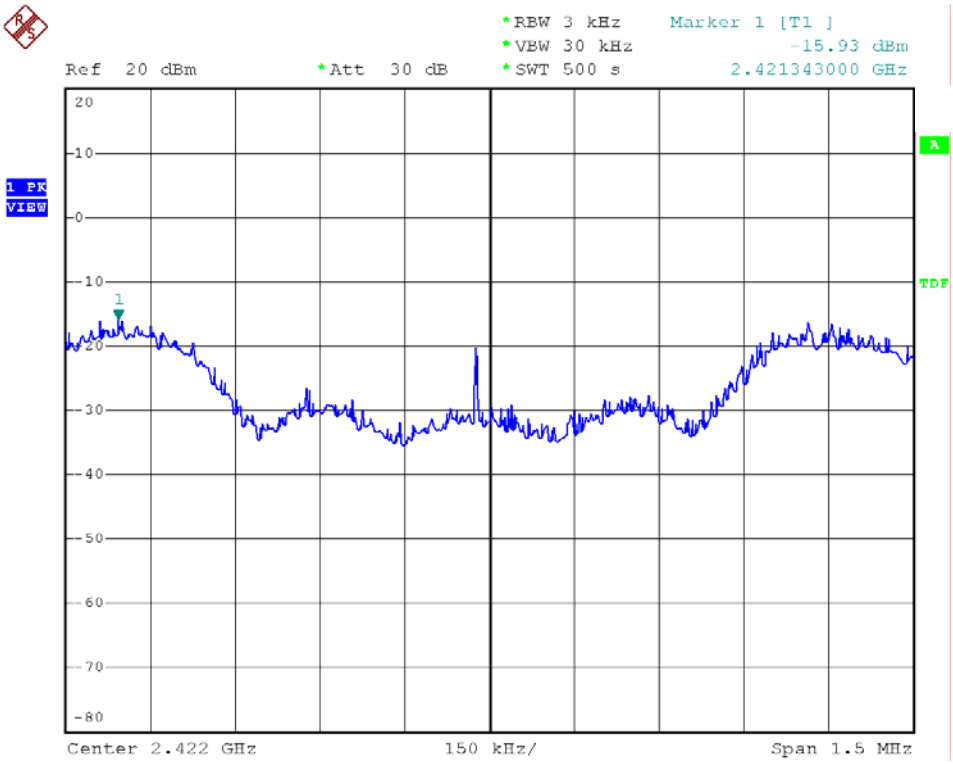
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 06



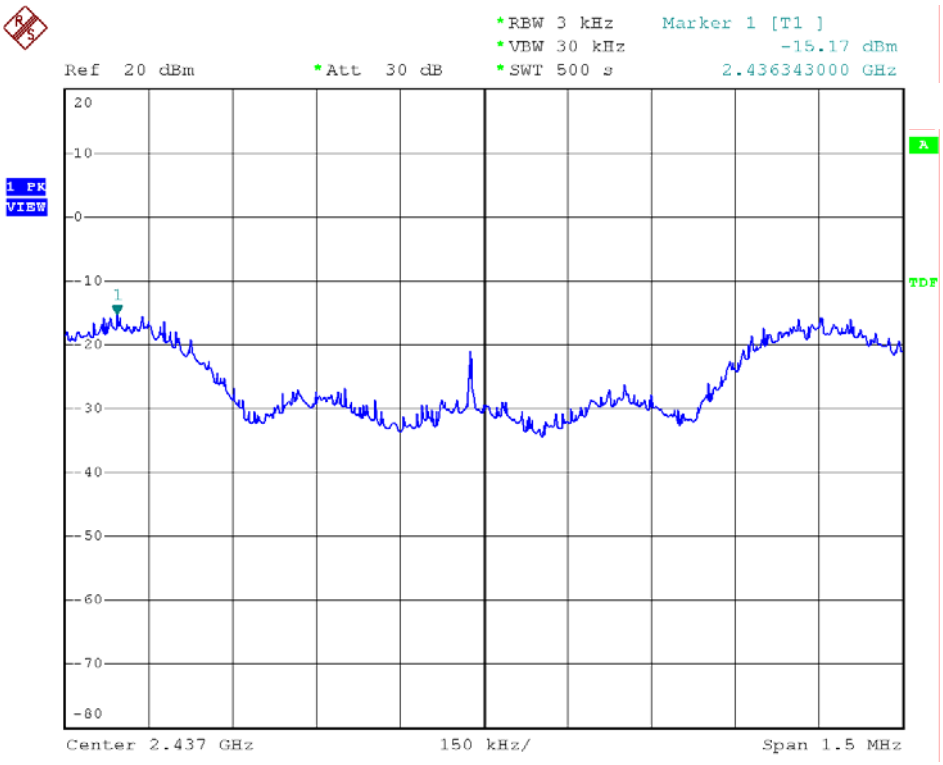
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 11



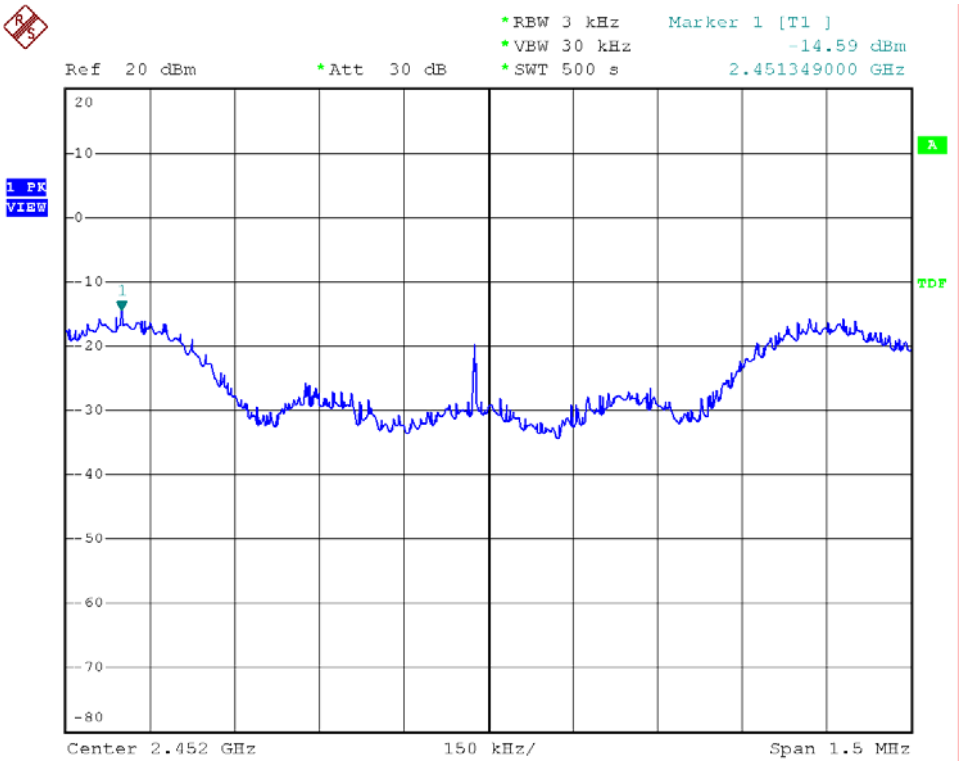
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 03



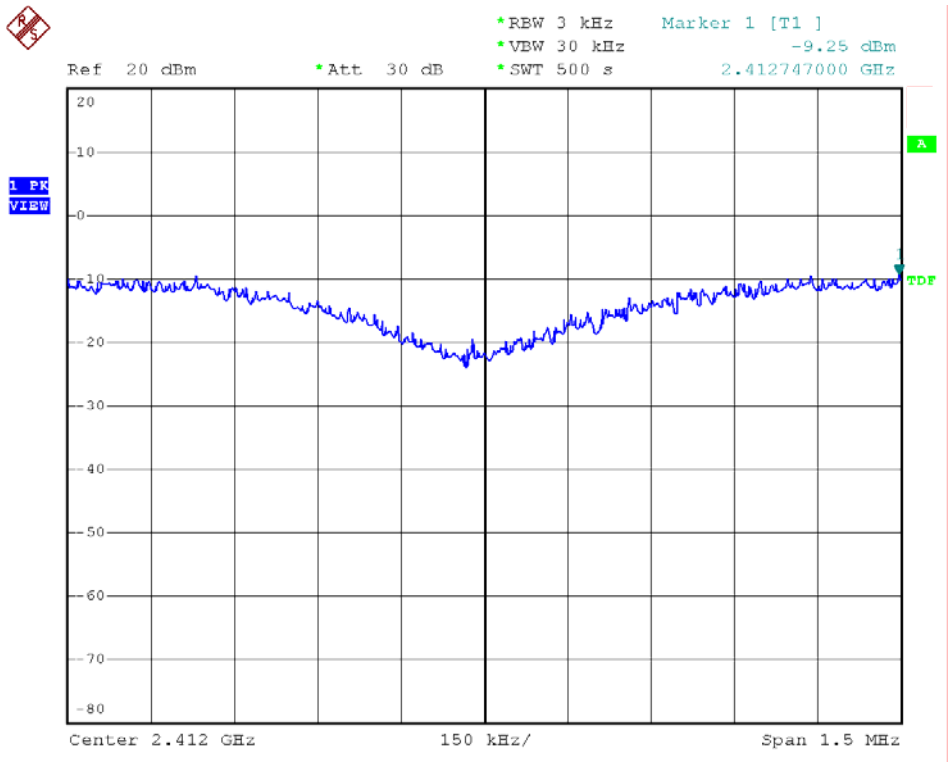
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 06



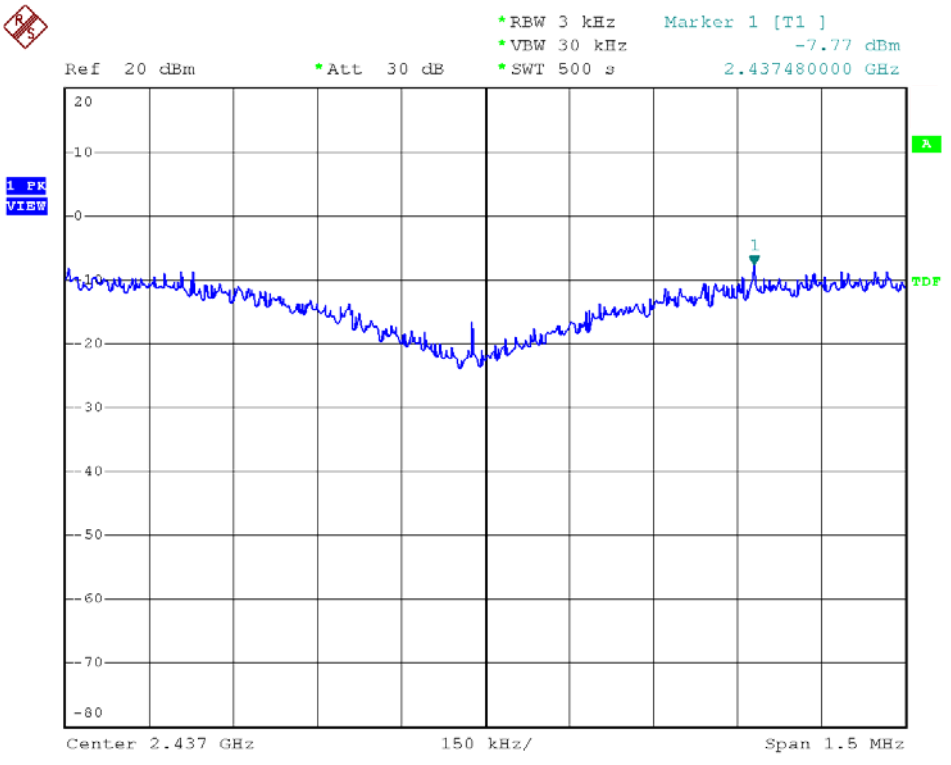
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 09



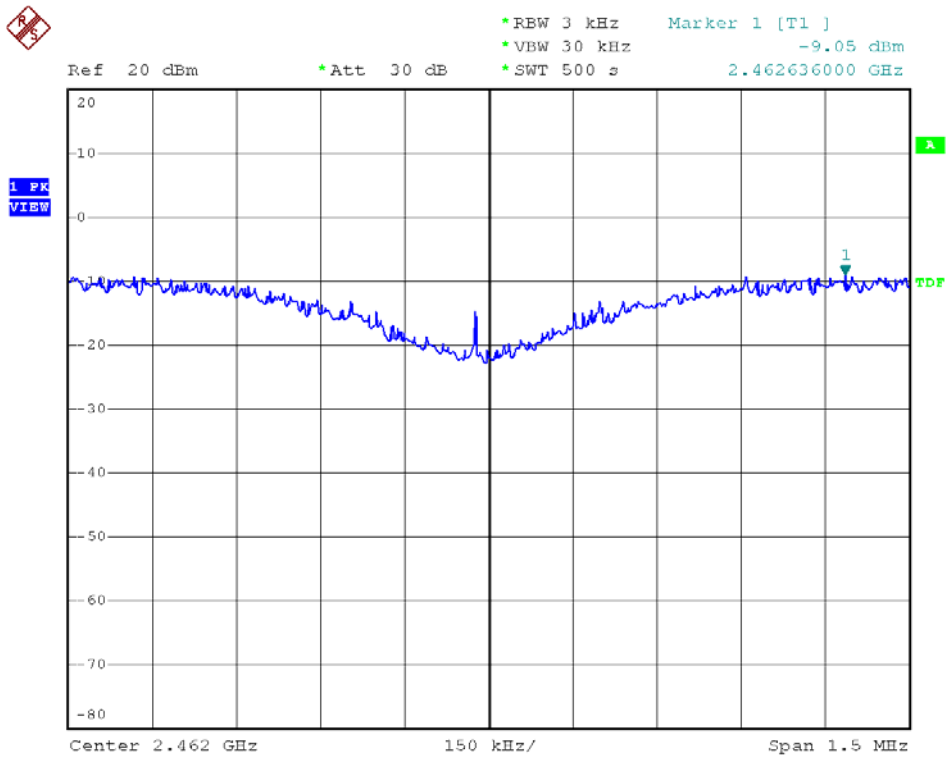
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



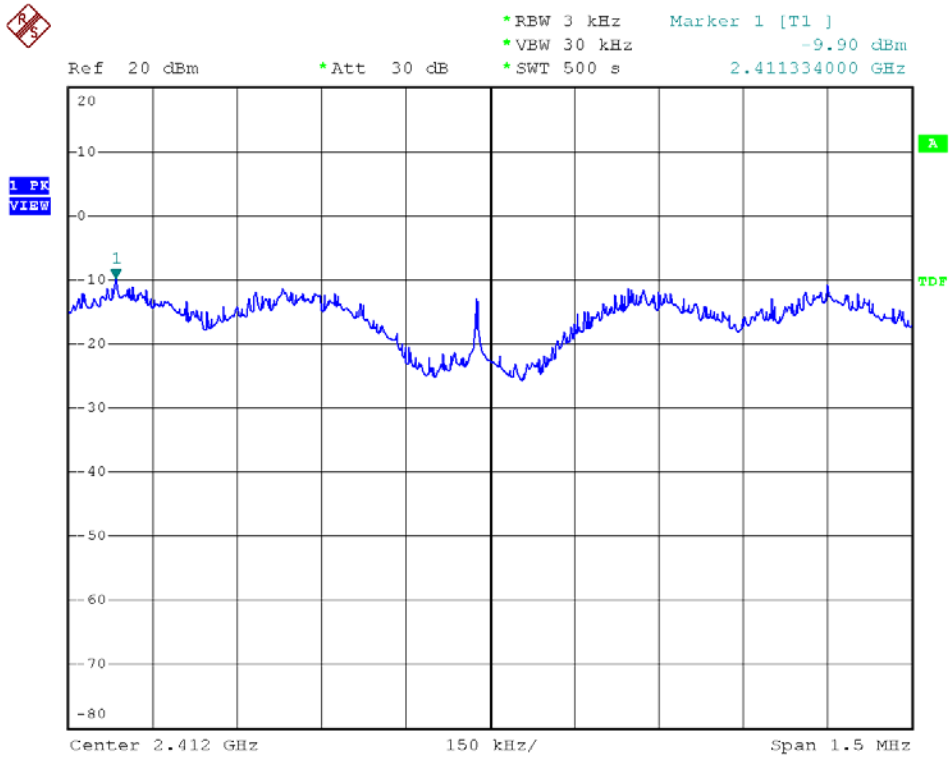
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 06



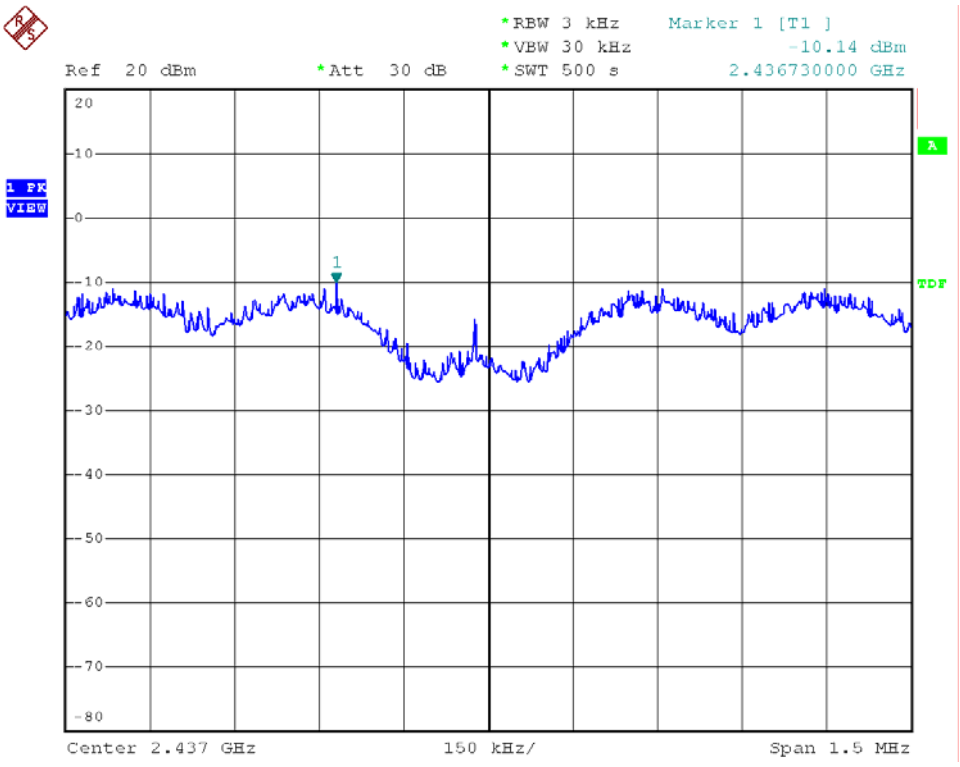
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



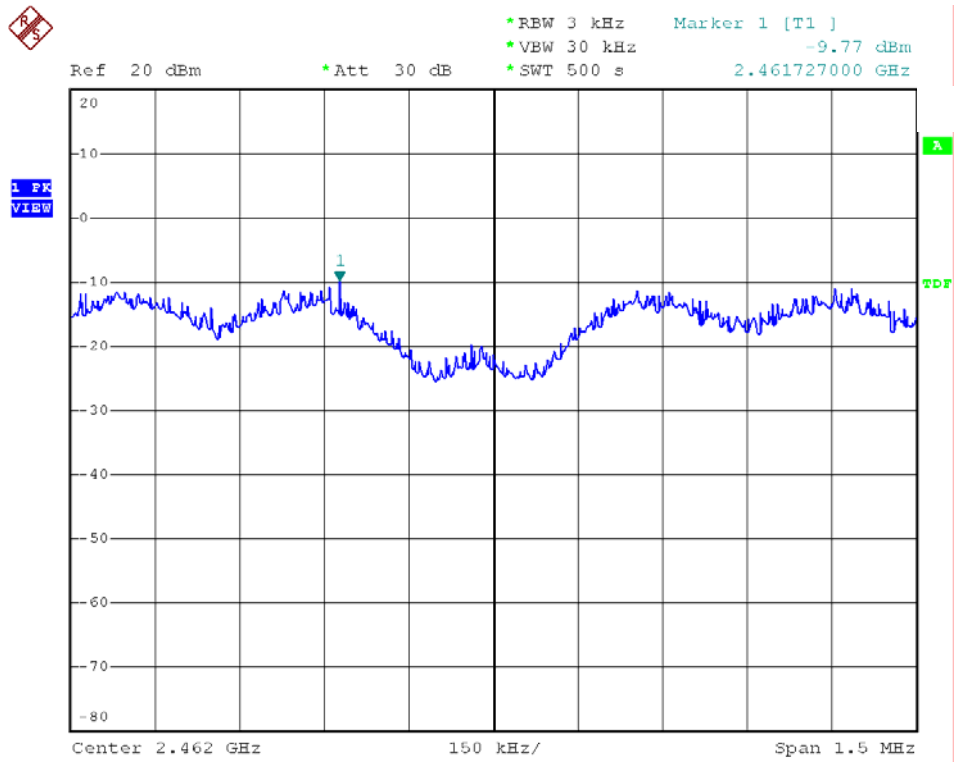
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



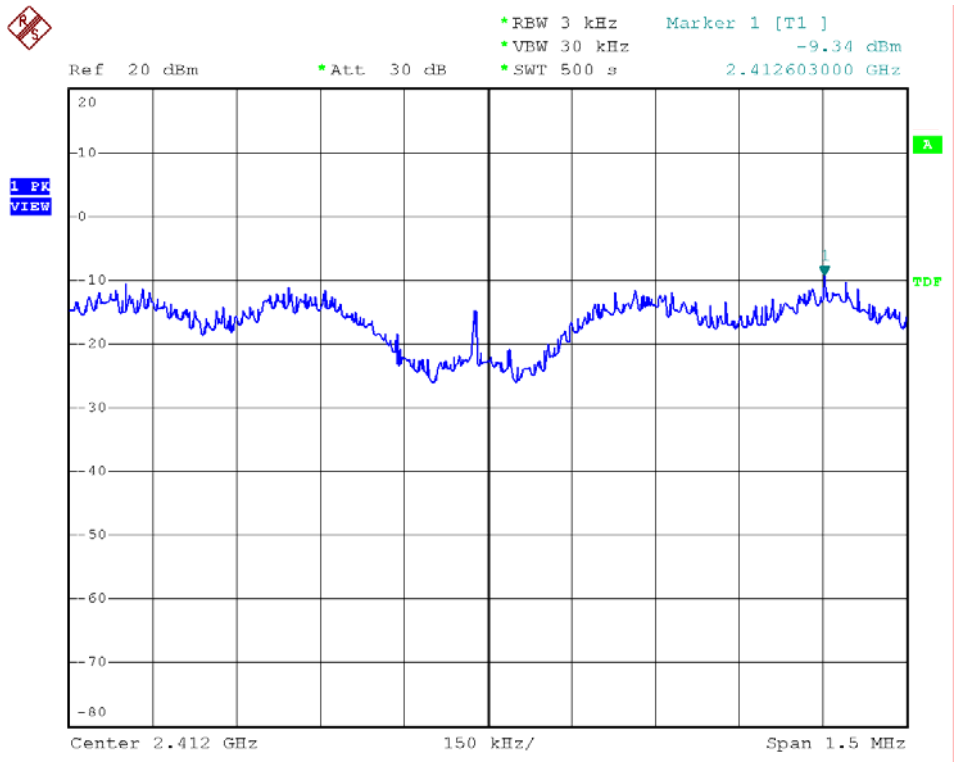
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06



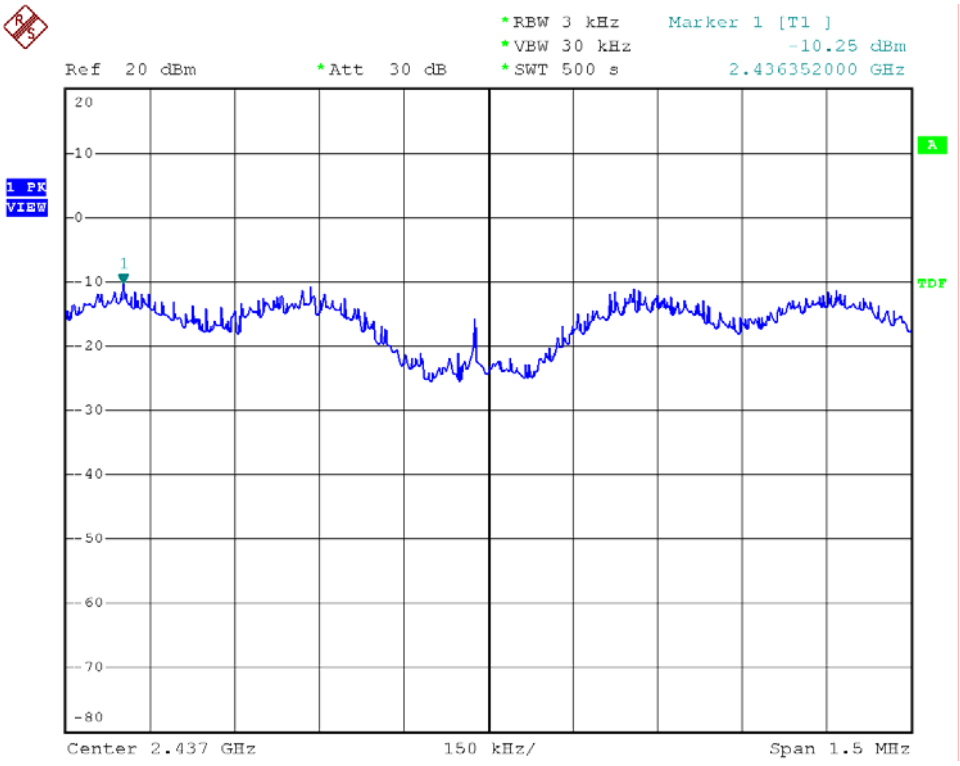
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



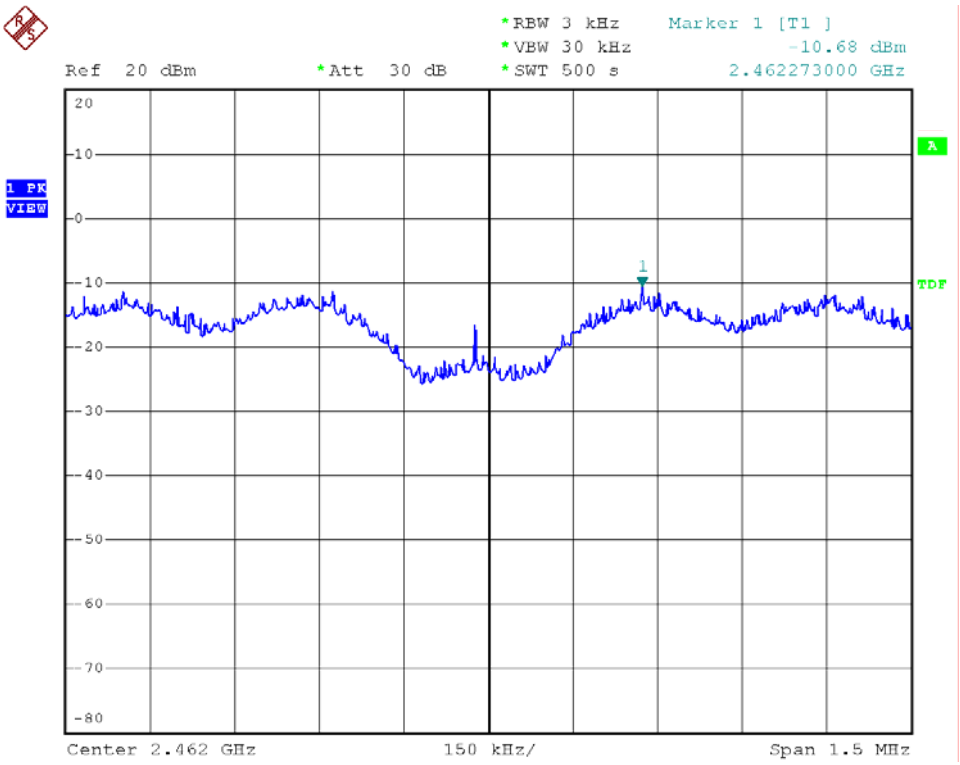
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 01



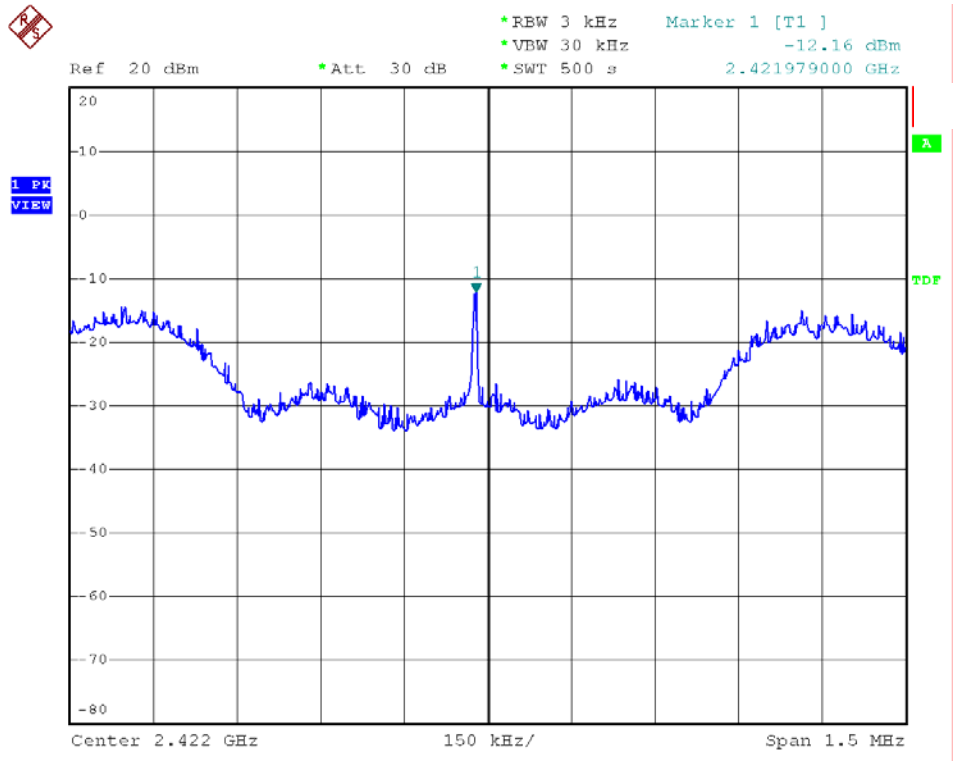
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 06



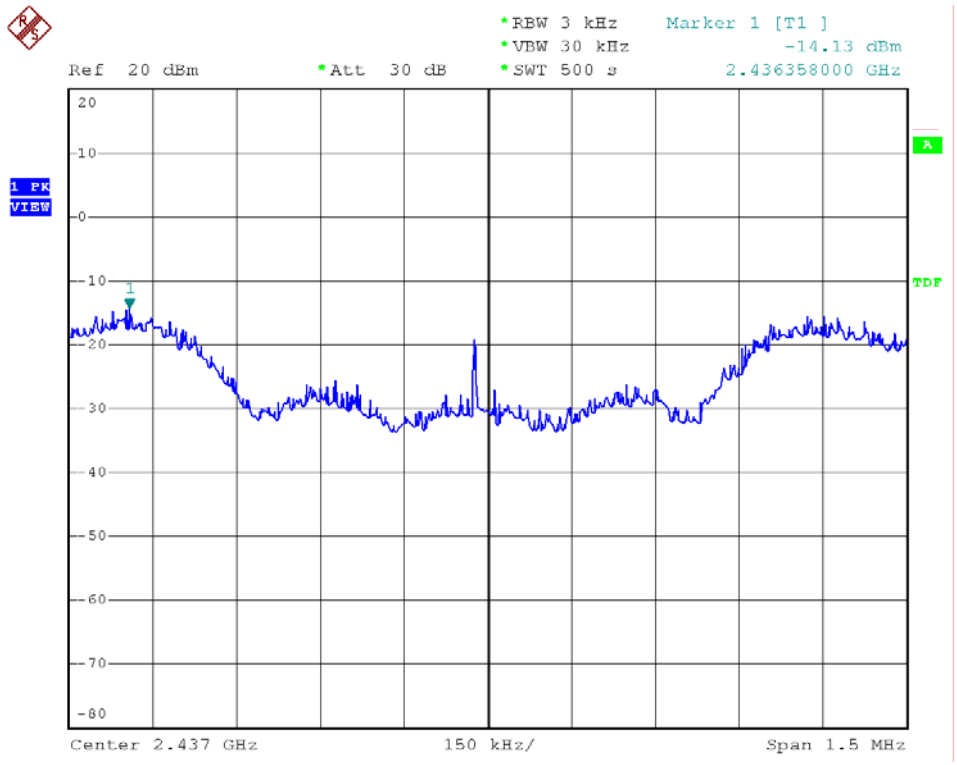
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 11



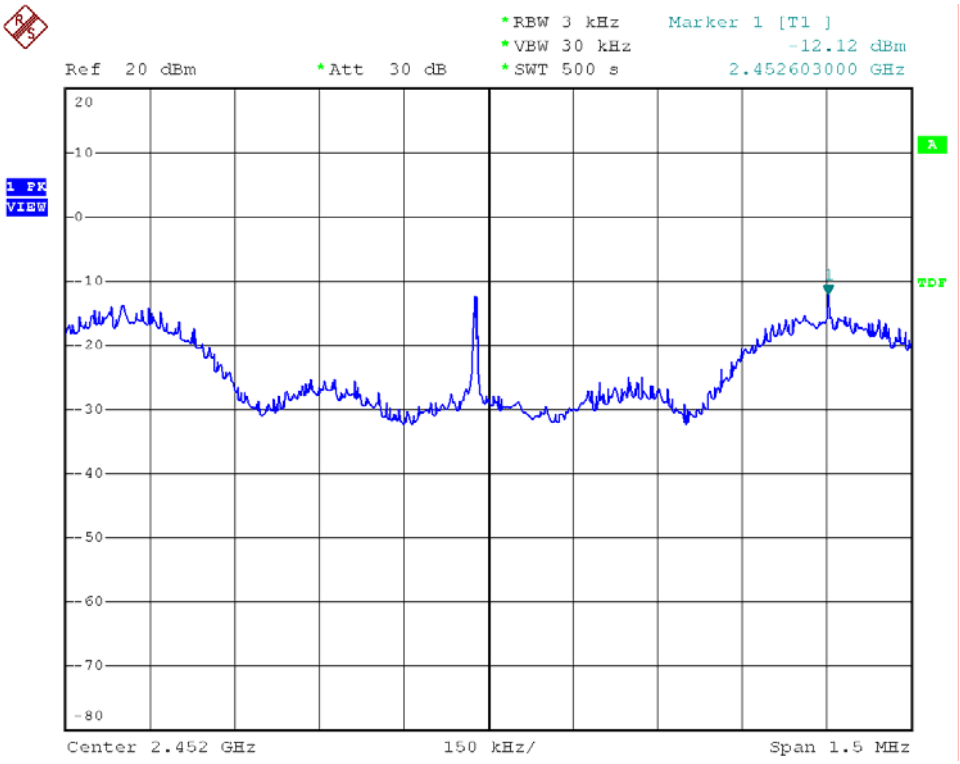
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 03



Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 06



Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 09



9. Band Edges Measurement

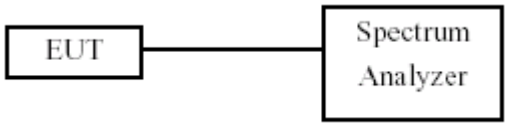
9.1 Test Limit

Below –20dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

9.2 Test Procedure

a. The transmitter output was connected to the spectrum analyzer via a low lose cable.
b. Set both RBW and VBW of spectrum analyzer to 100 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
c. The band edges was measured and recorded.

9.3 Test Setup Layout



9.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

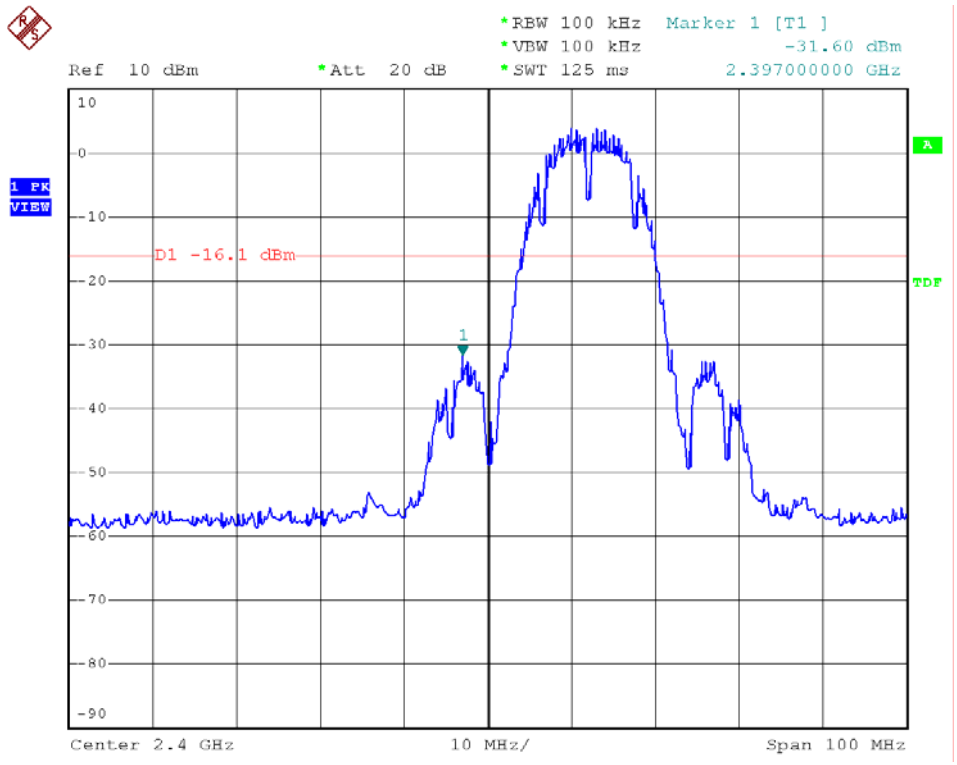
9.5 Test Result and Data

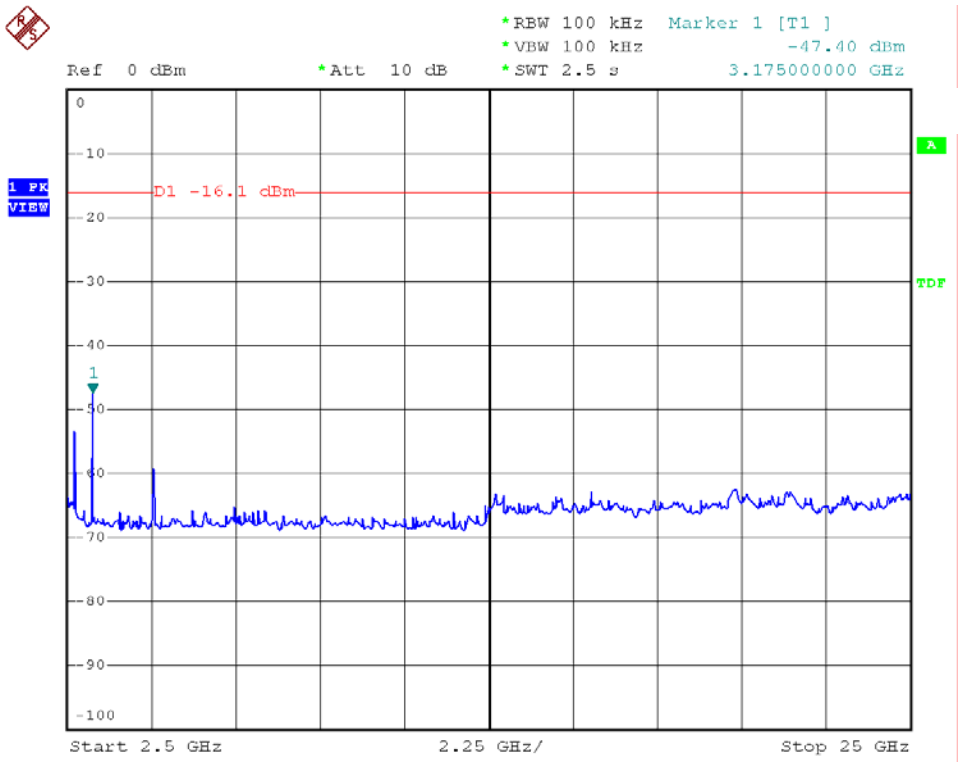
Test Date: May 12, 2011 Temperature: 25℃

Atmospheric pressure: 1022 hPa Humidity: 65%

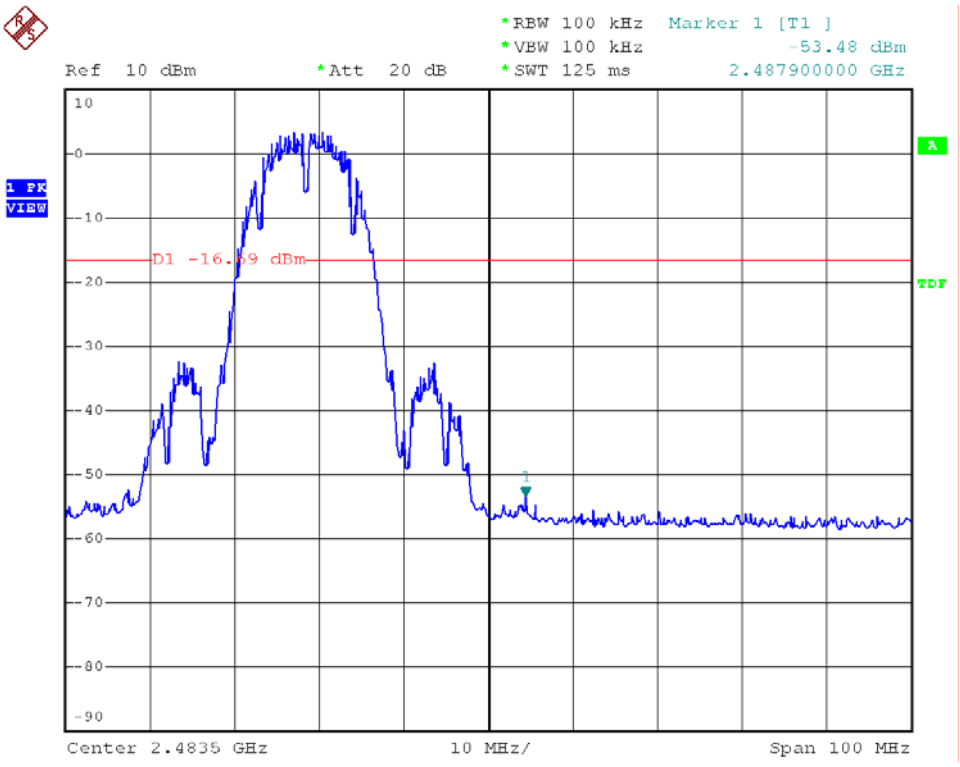
Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			ANT R	ANT L	ANT R	ANT L
802.11b (1Mbps)	01	2412	2397.00	2398.80	-31.60	-30.56
	11	2462	3265.00	2860.00	-48.56	-47.15
802.11g (6Mbps)	01	2412	2399.60	2399.60	-23.67	-23.61
	11	2462	2483.90	2483.90	-35.27	-32.28
802.11n HT20 (6.5Mbps)	01	2412	2399.20	2399.60	-22.39	-21.86
	11	2462	2483.90	2483.50	-34.25	-35.71
802.11n HT40 (13.5Mbps)	03	2422	2399.80	2399.80	-25.76	-25.40
	09	2452	2484.50	2486.30	-29.88	-29.95

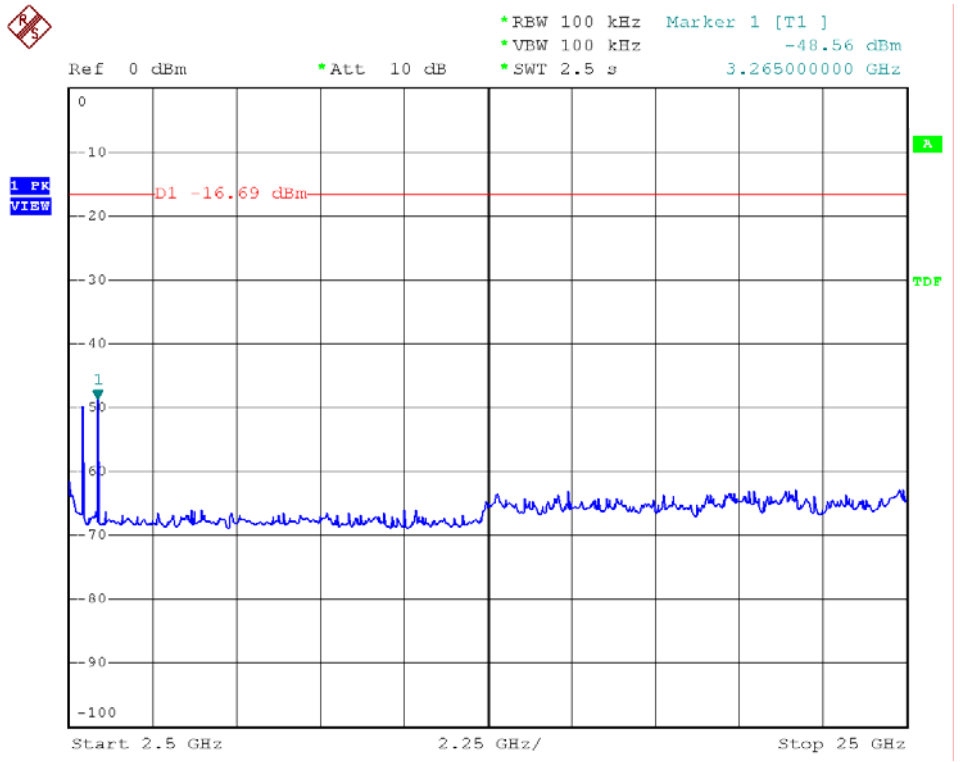
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



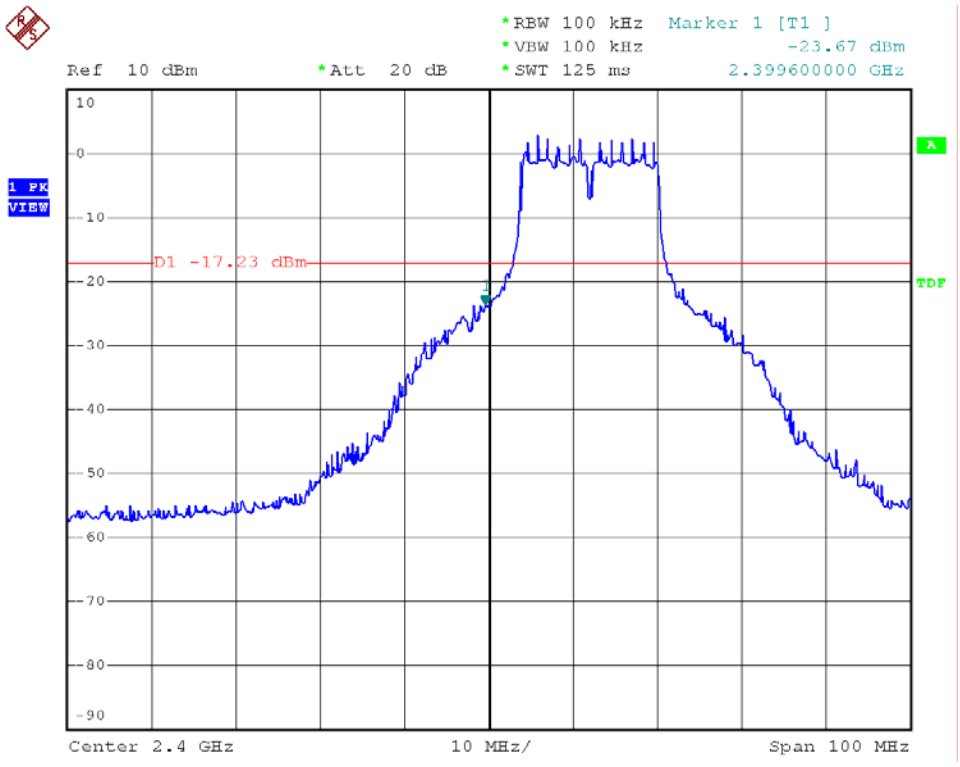


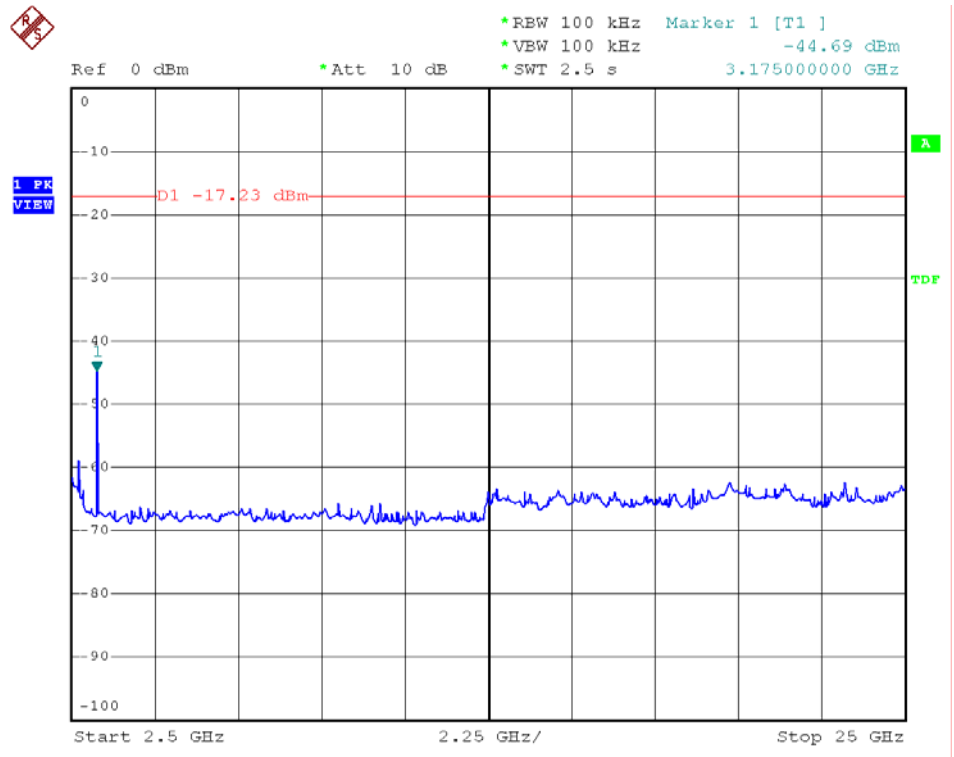
Modulation Standard: 802.11b (6Mbps), ANT R
Channel: 11



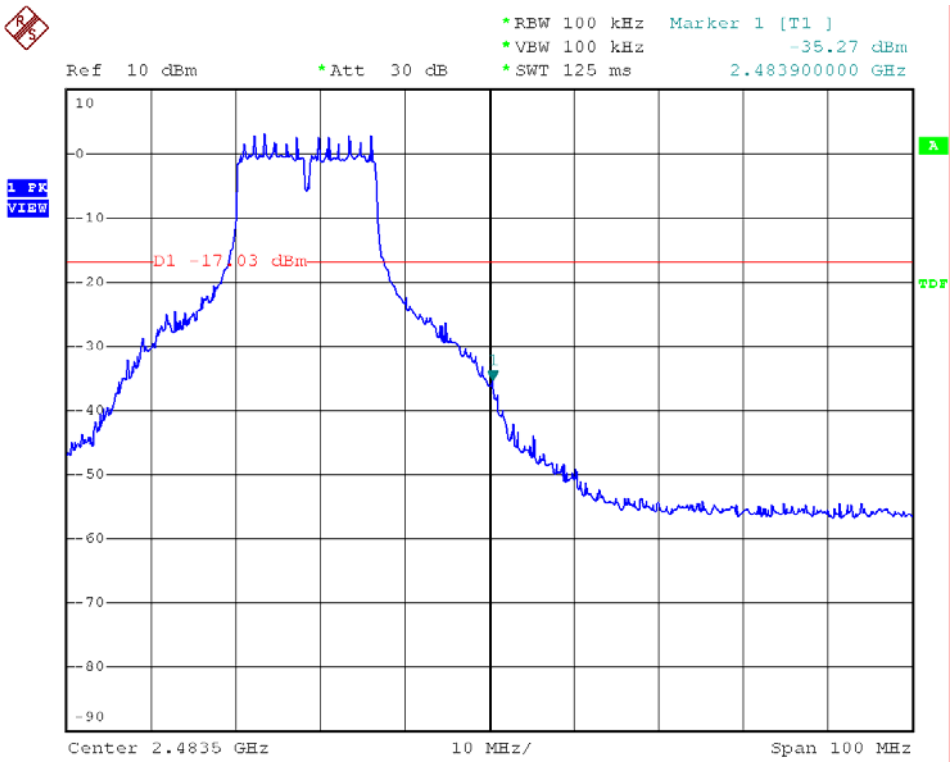


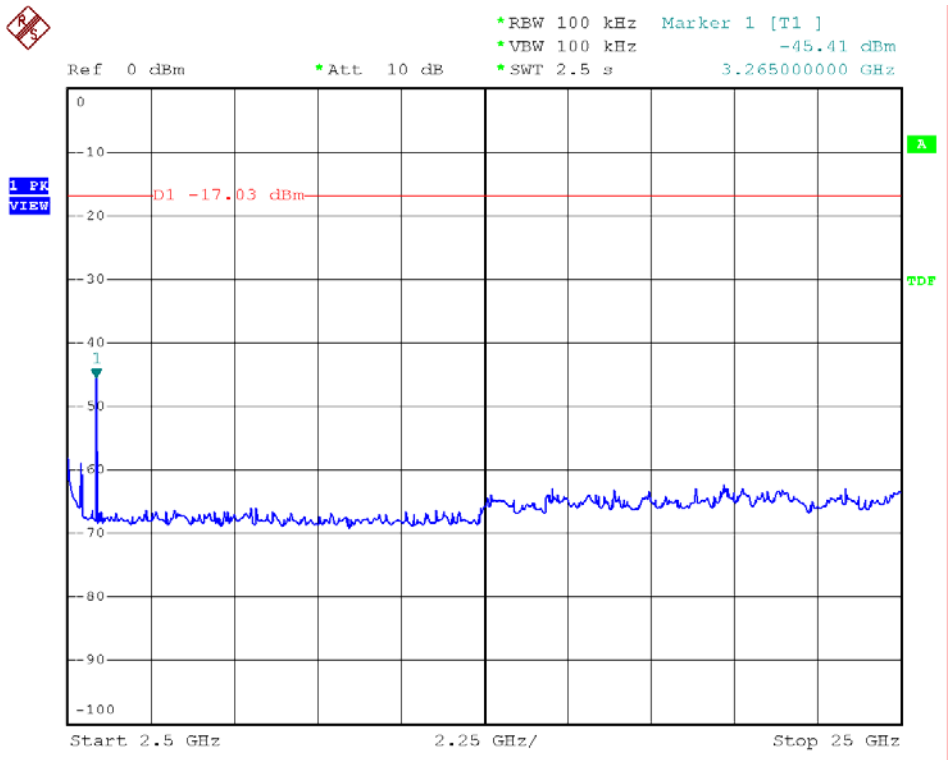
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



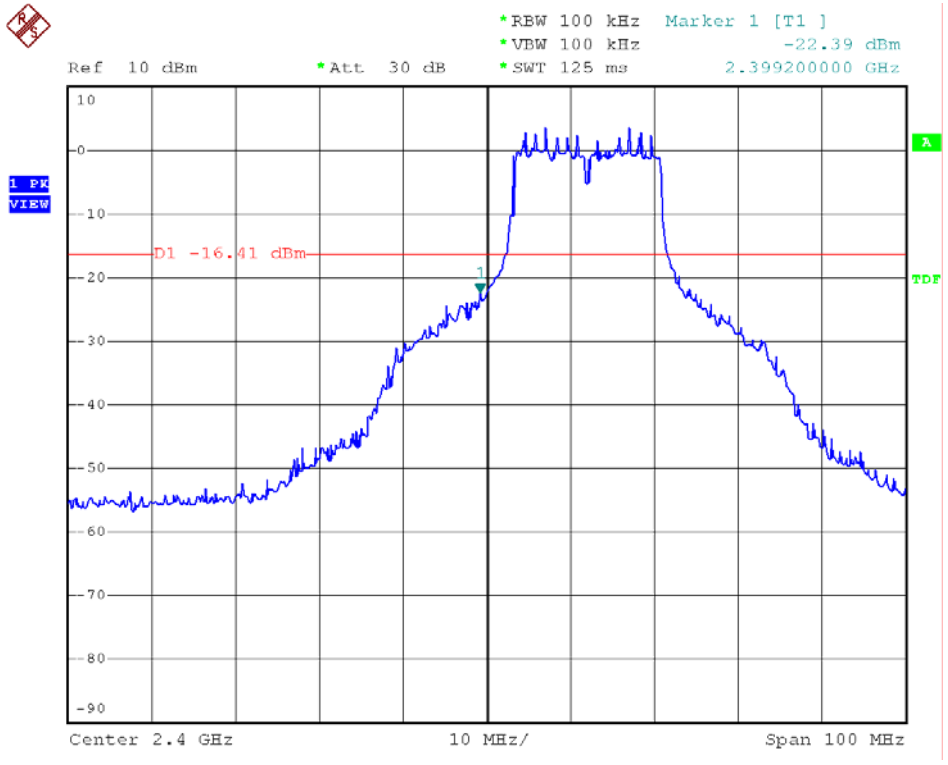


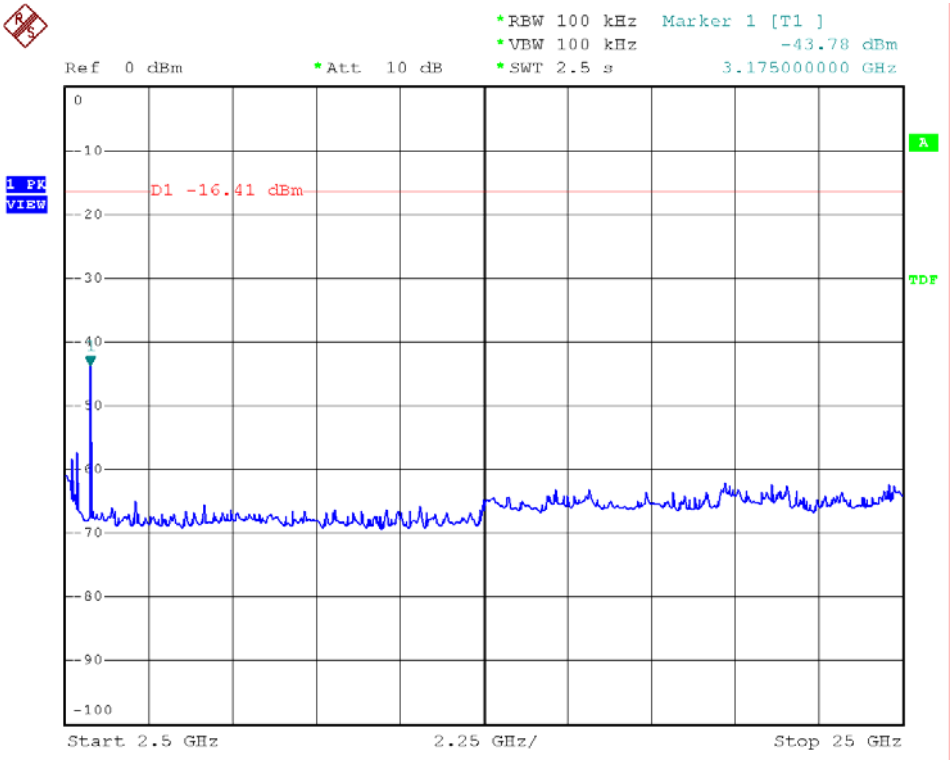
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



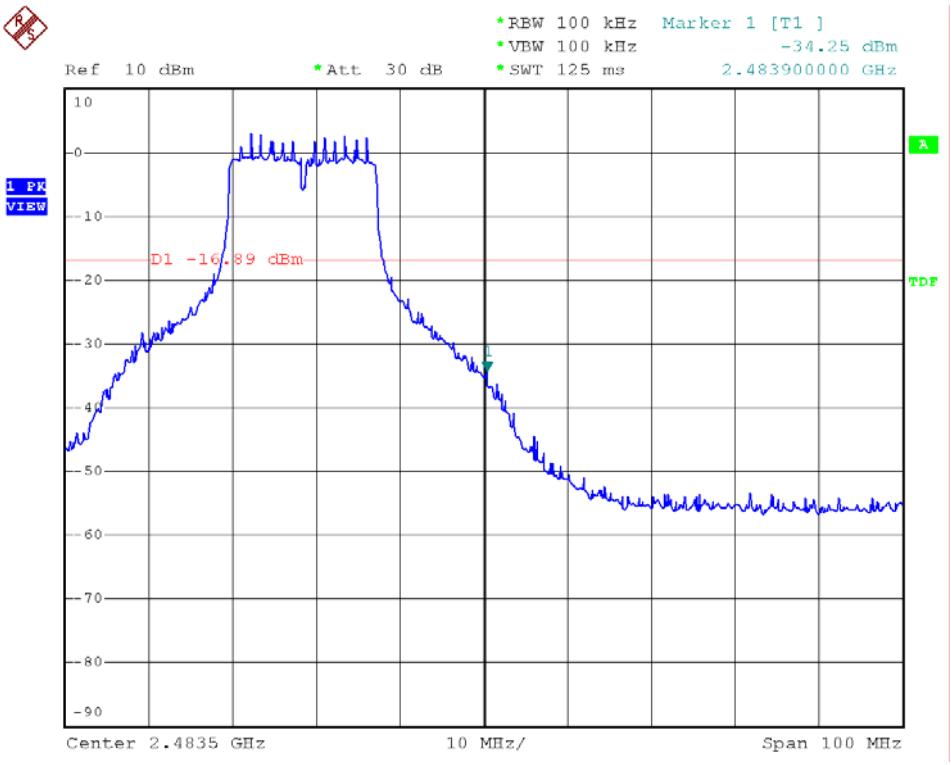


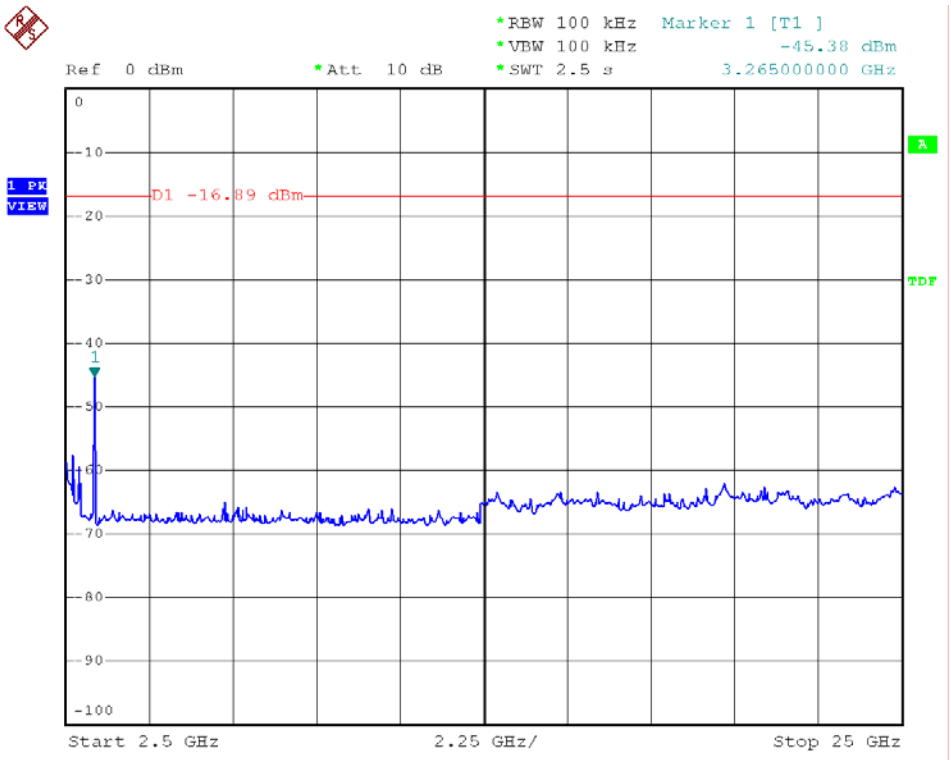
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 01



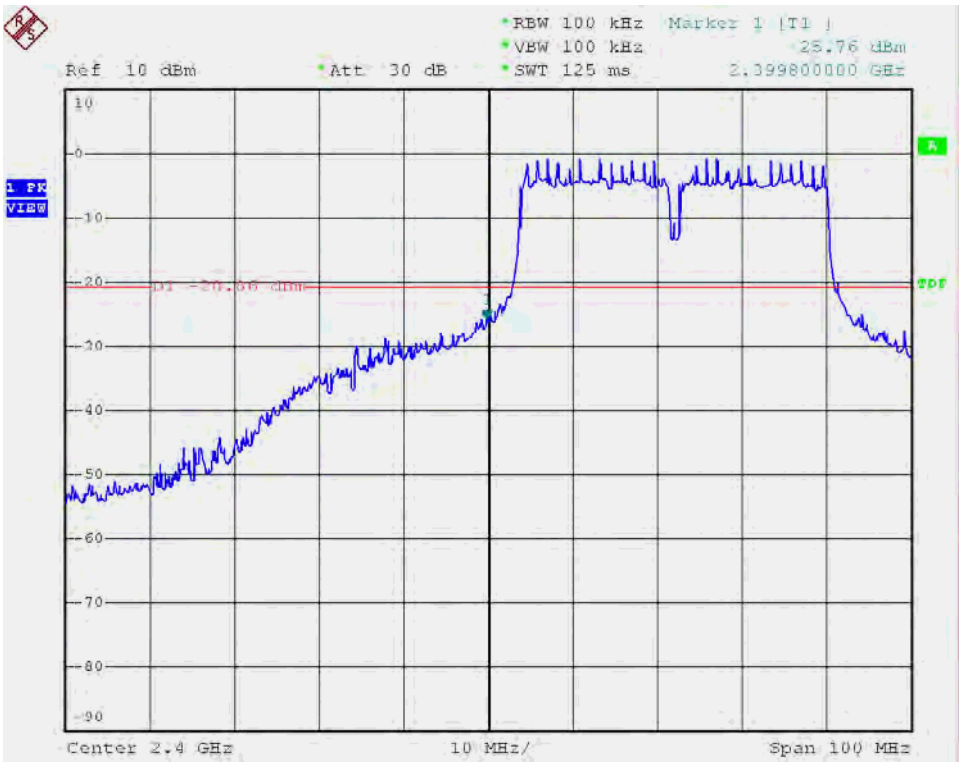


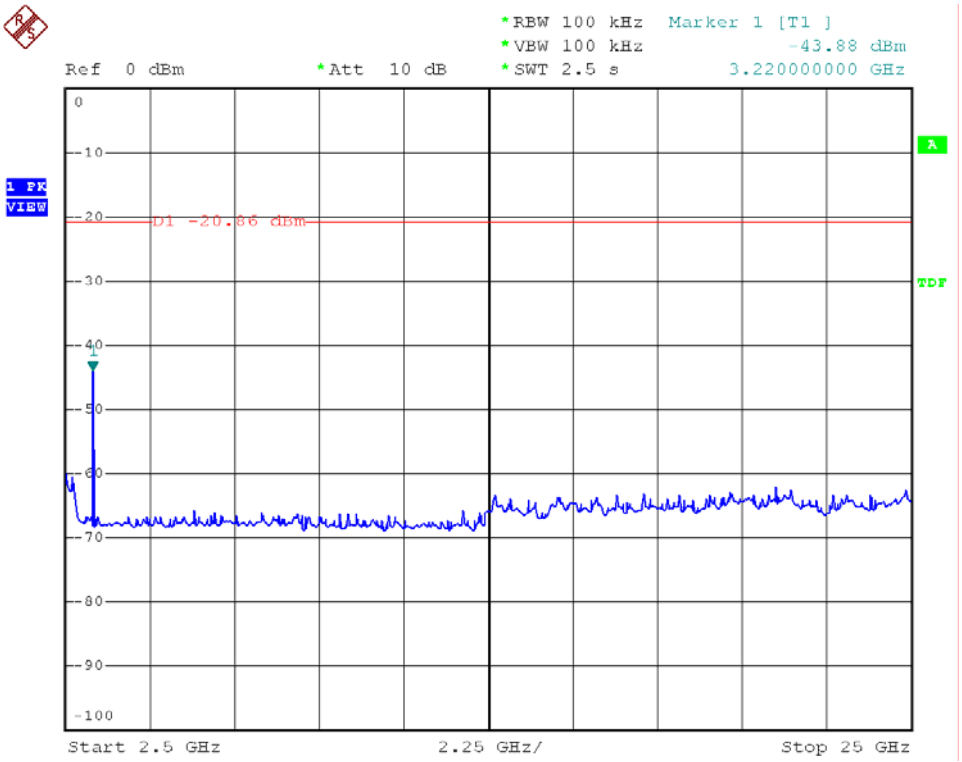
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT R
Channel: 11



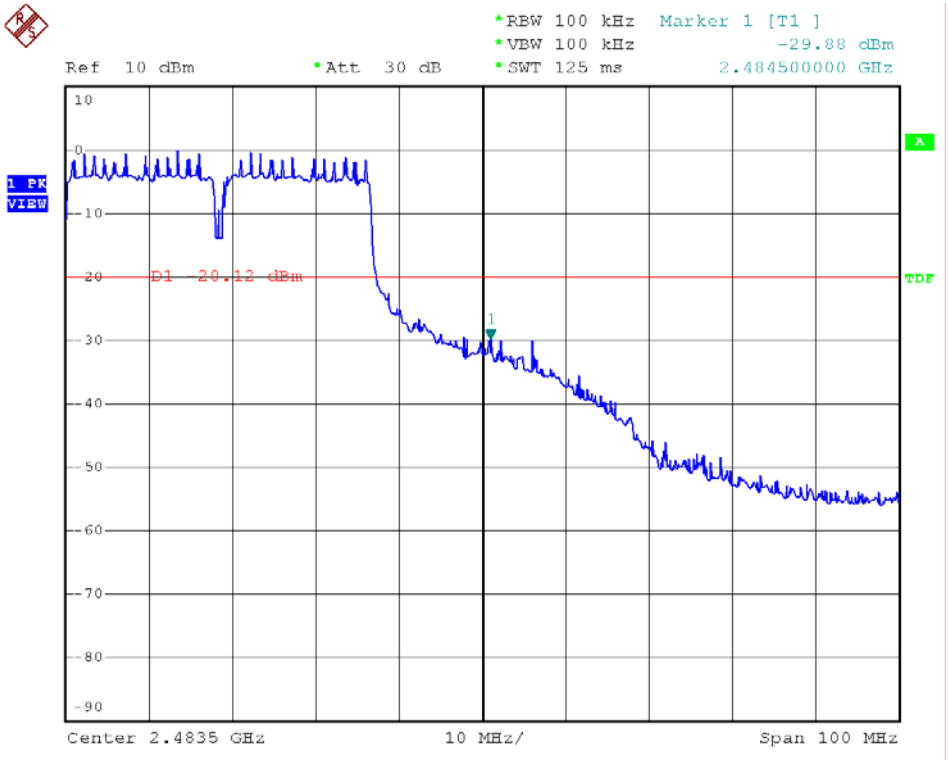


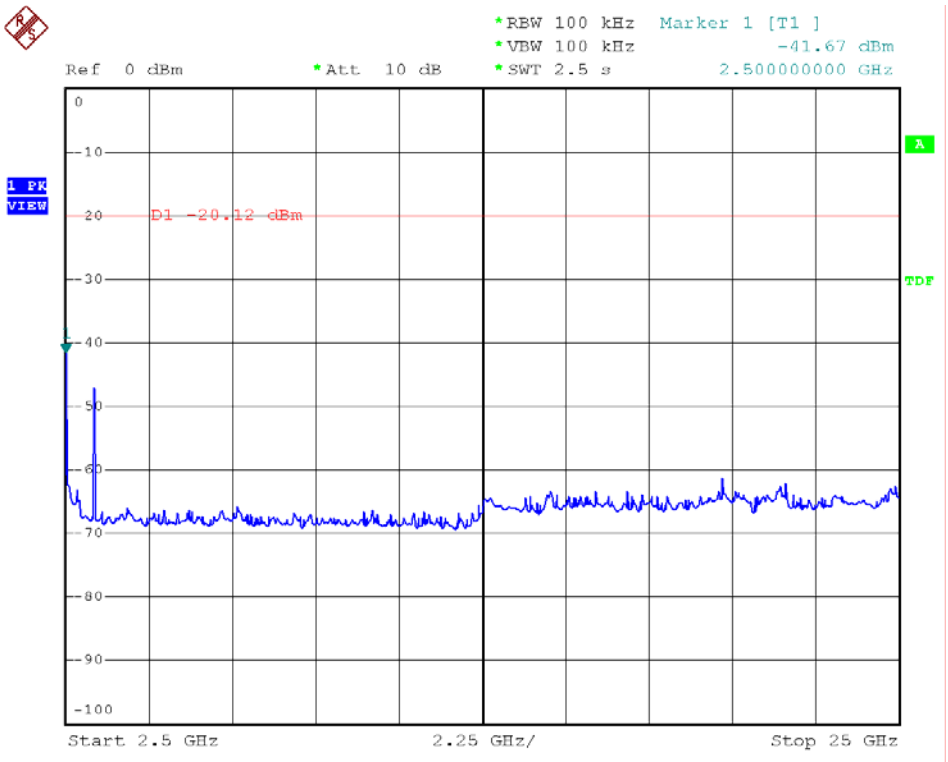
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 03



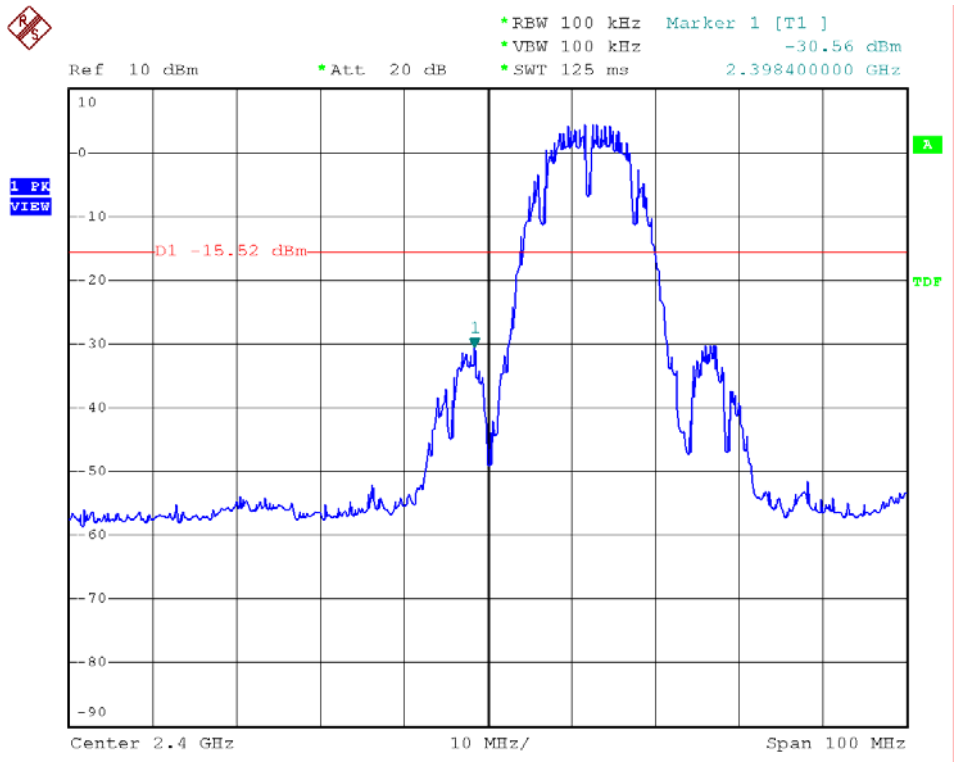


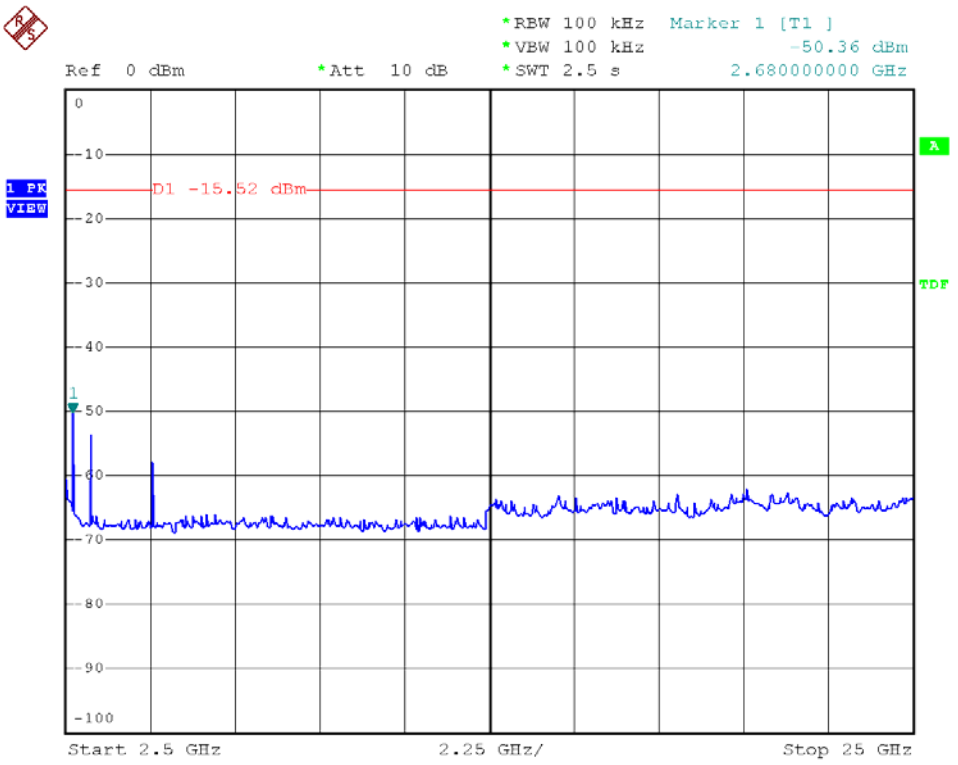
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT R
Channel: 09



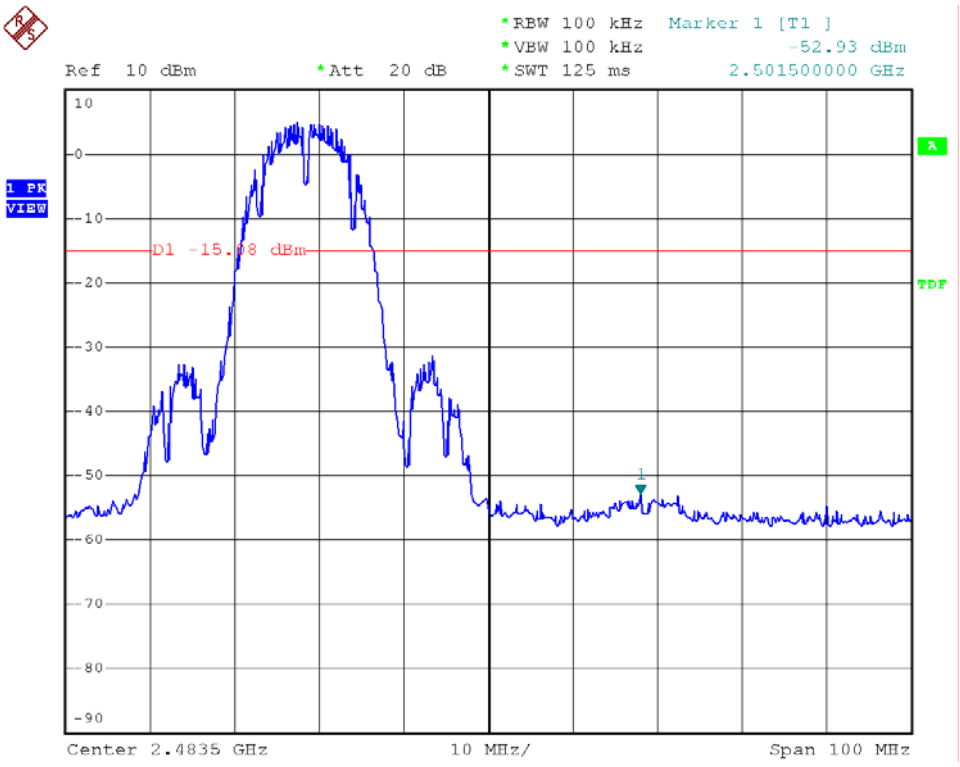


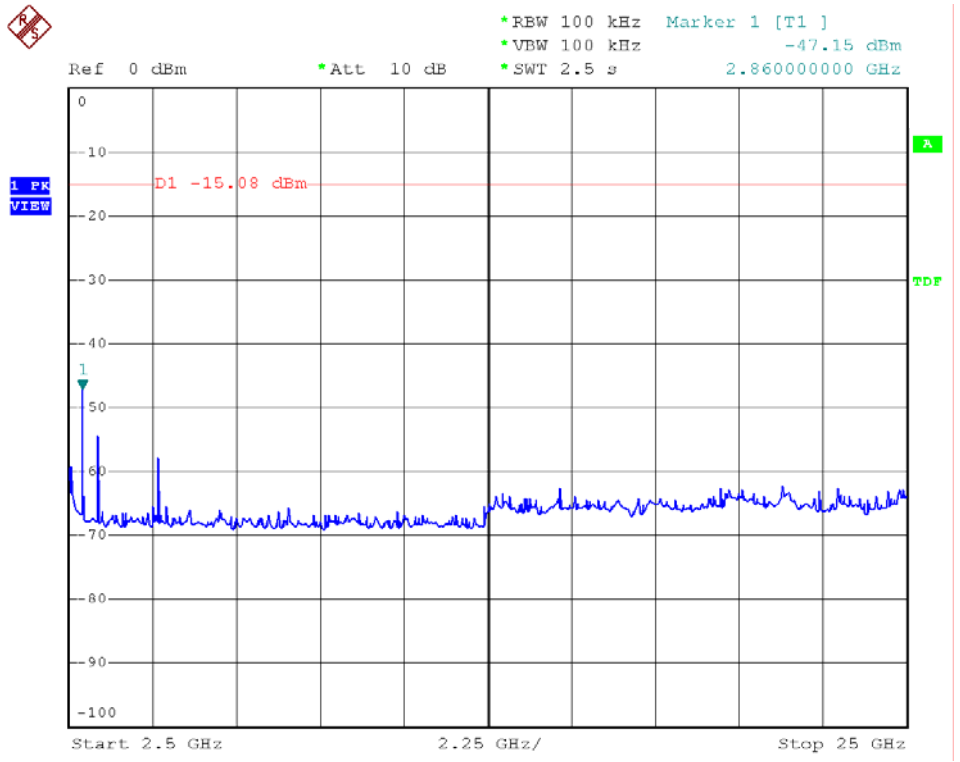
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



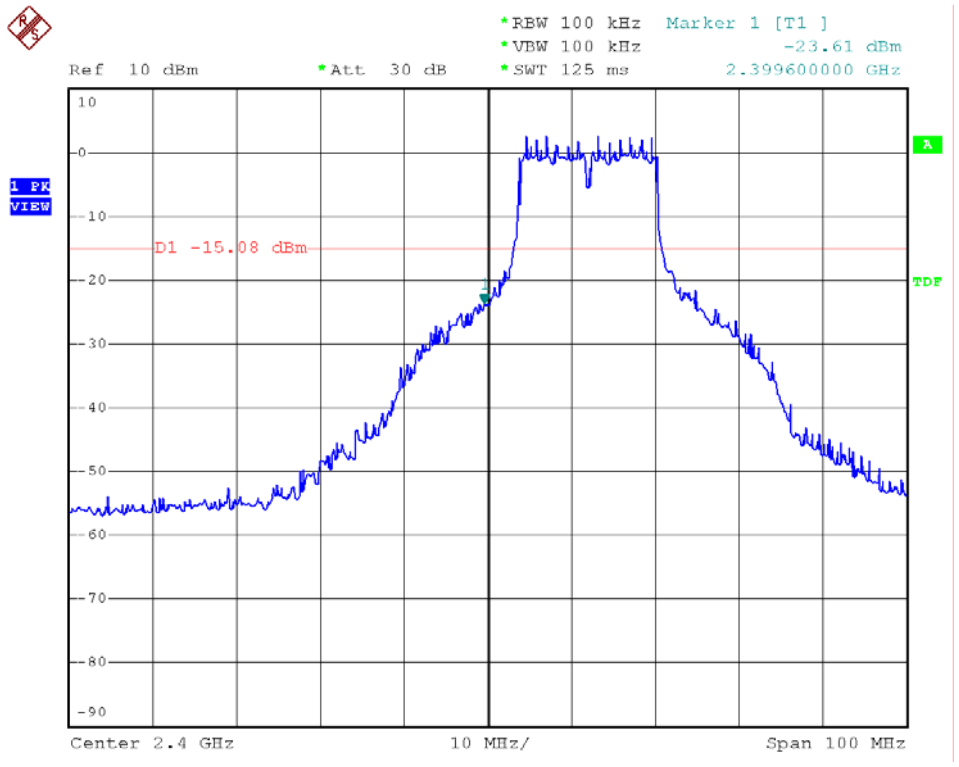


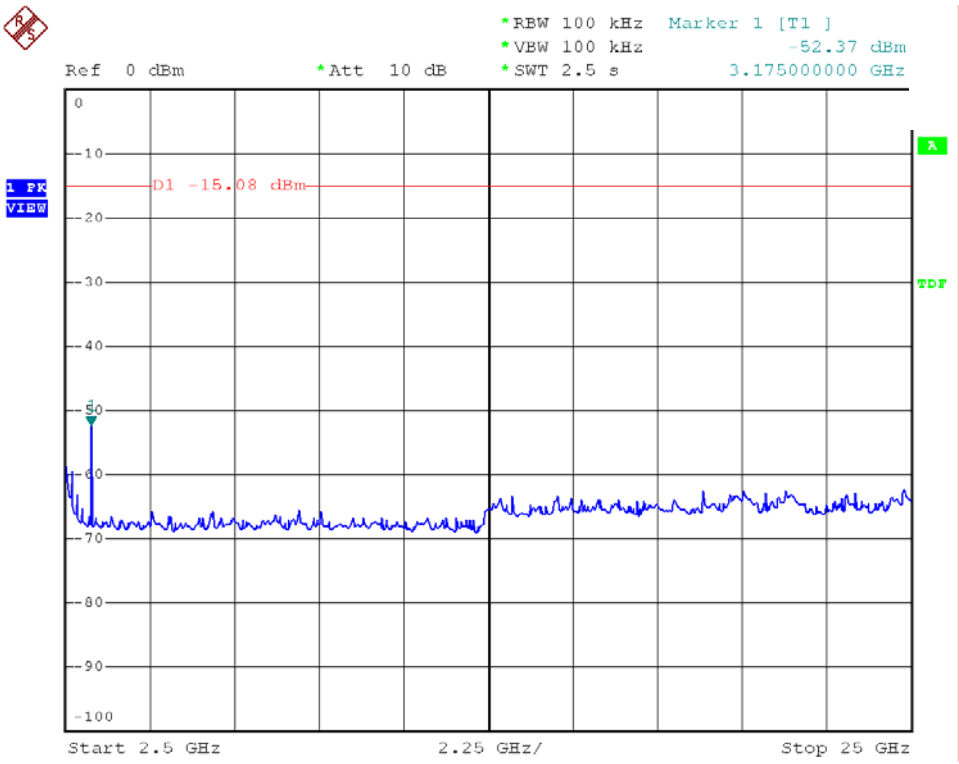
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



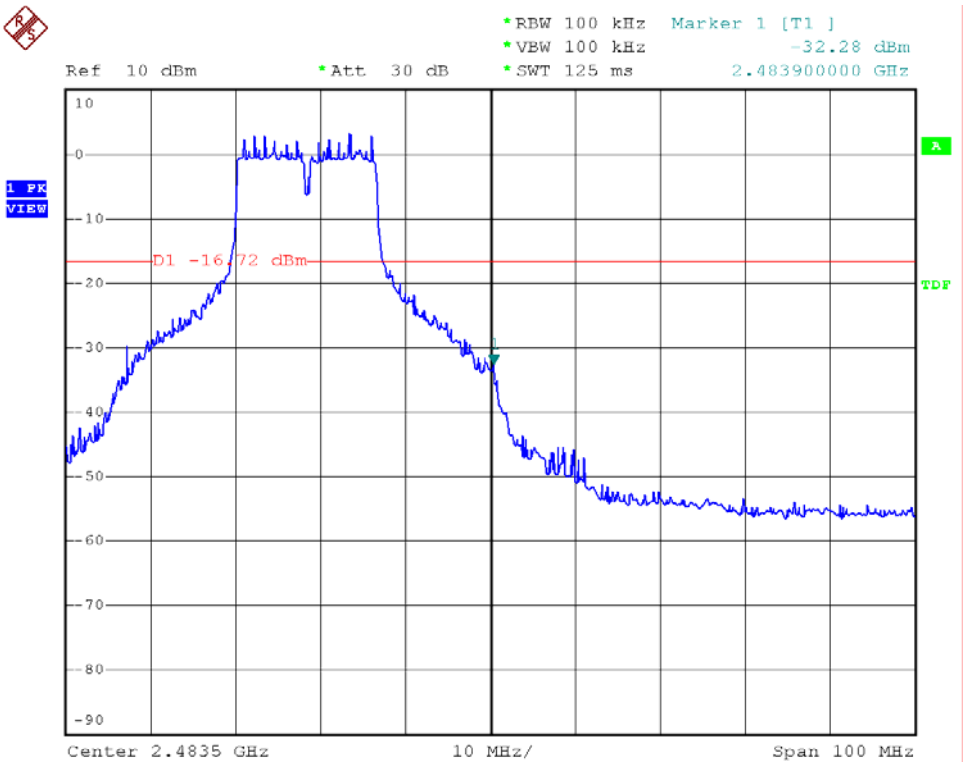


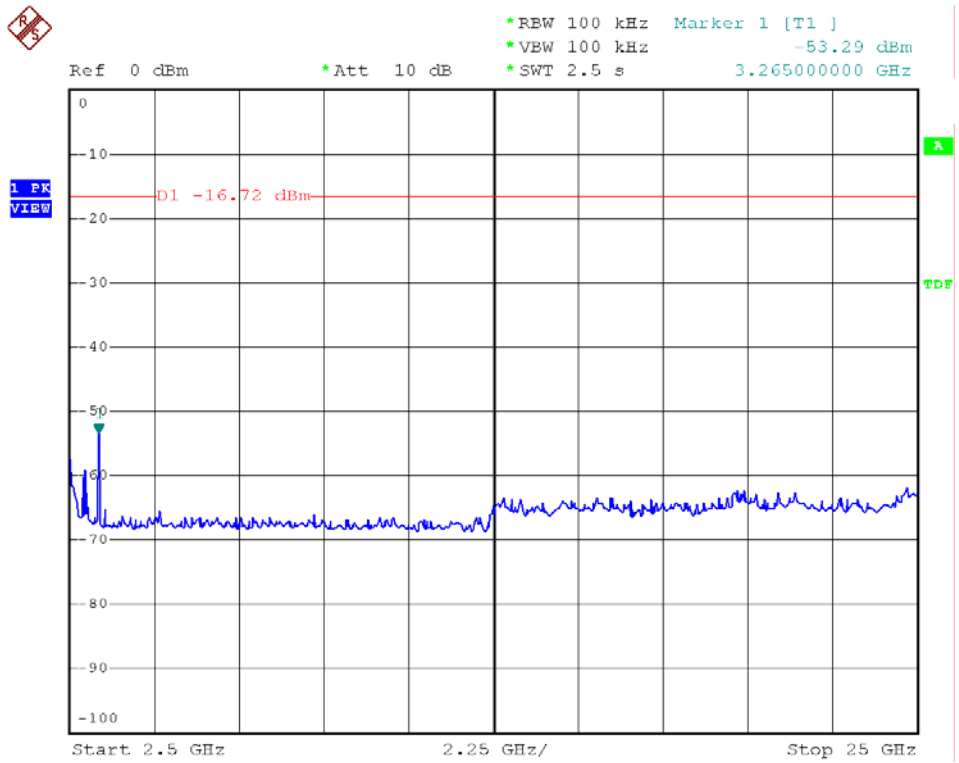
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



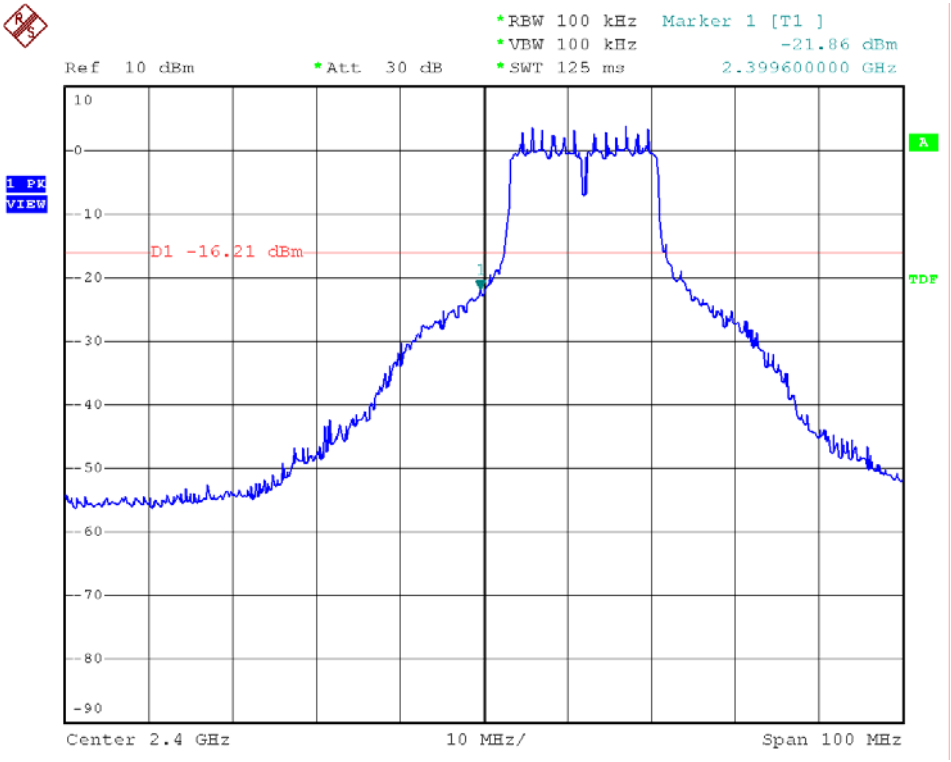


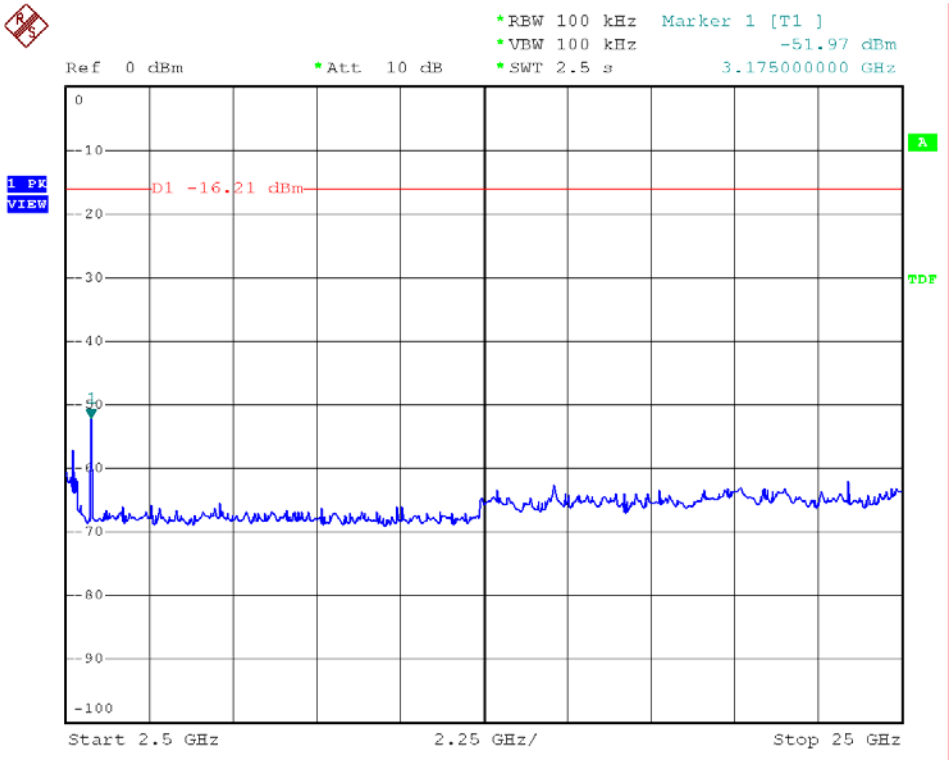
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



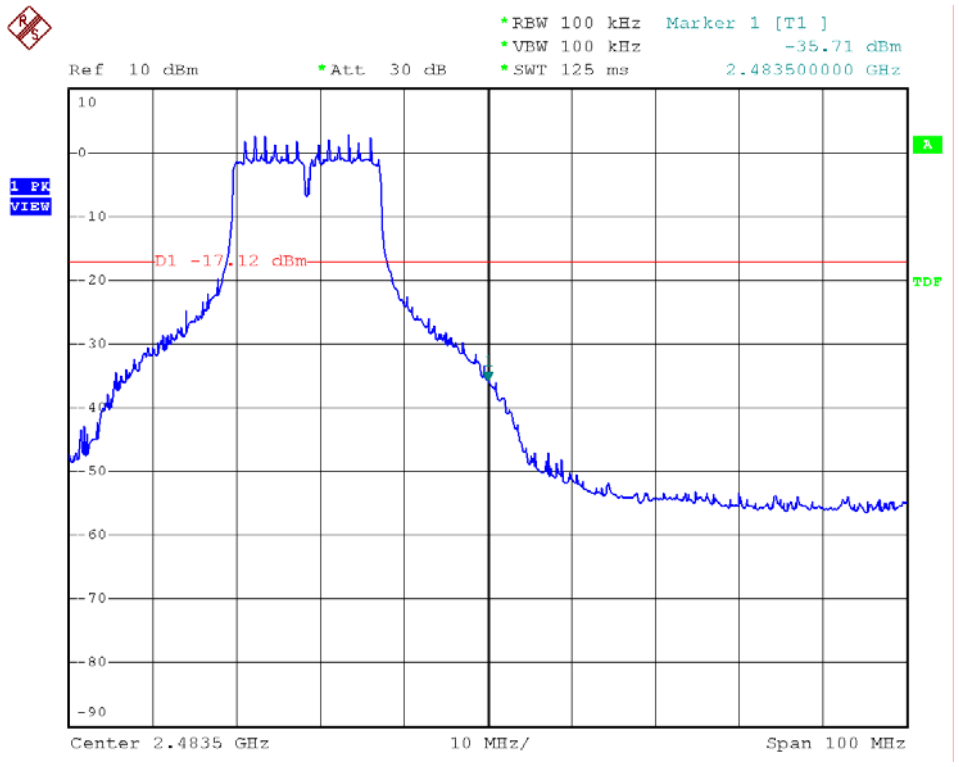


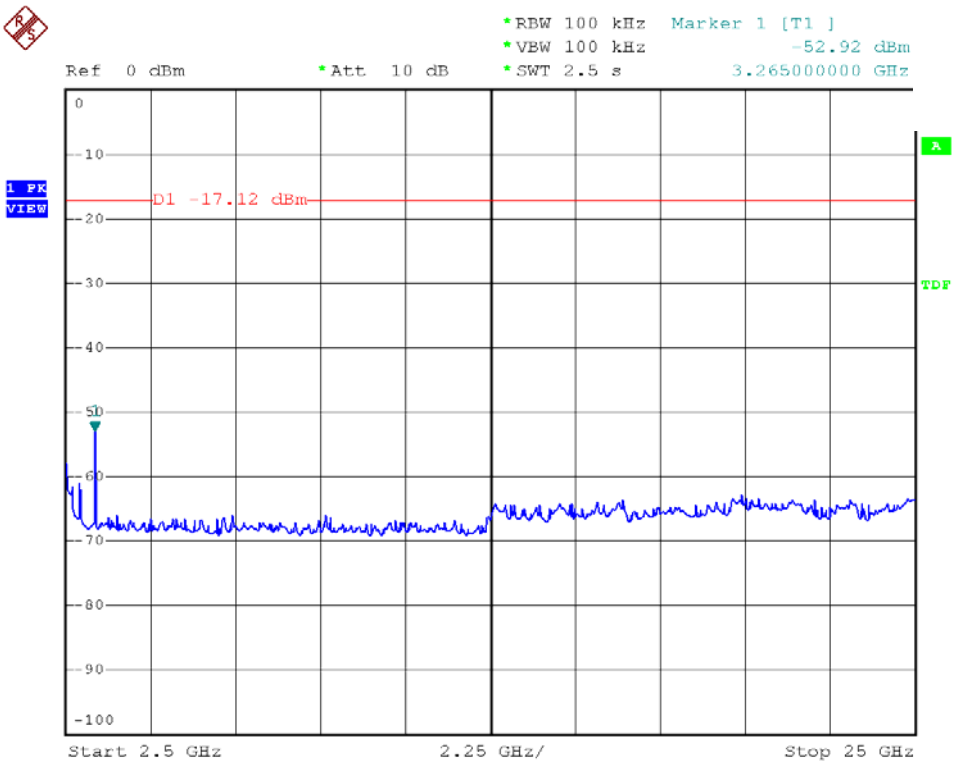
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 01



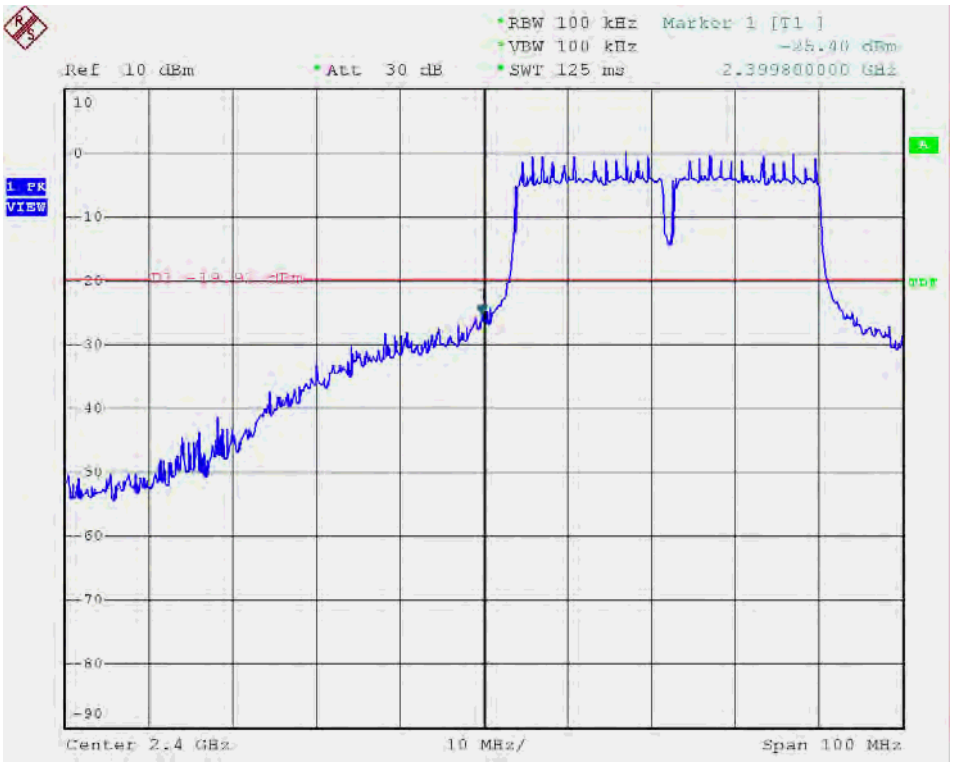


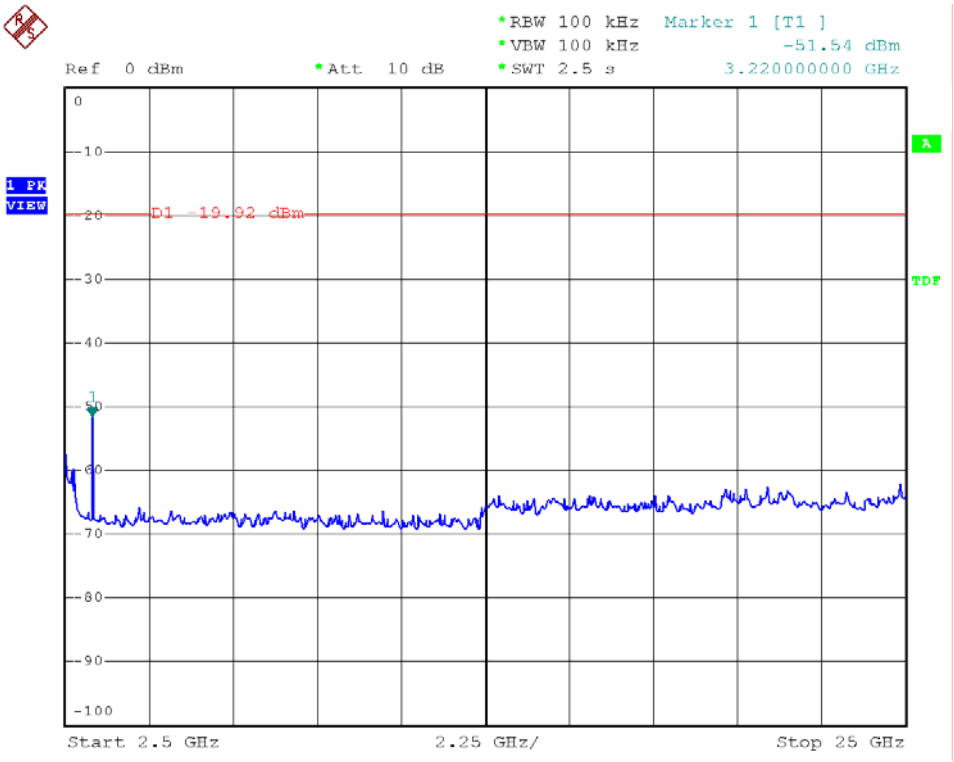
Modulation Standard: 802.11n, HT20 (6.5Mbps), ANT L
Channel: 11



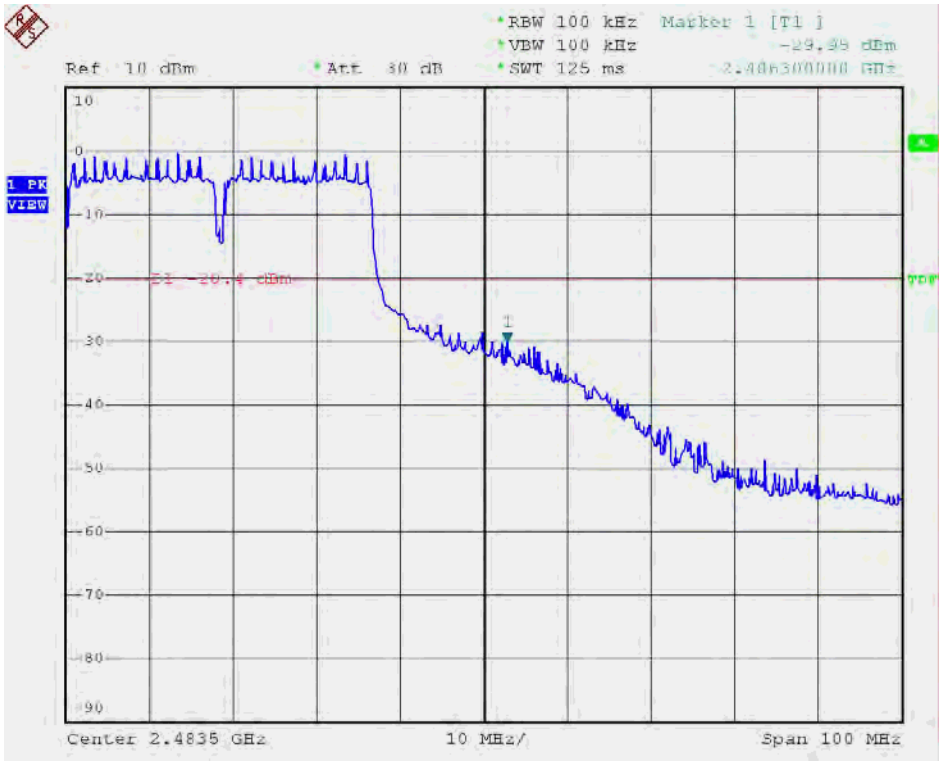


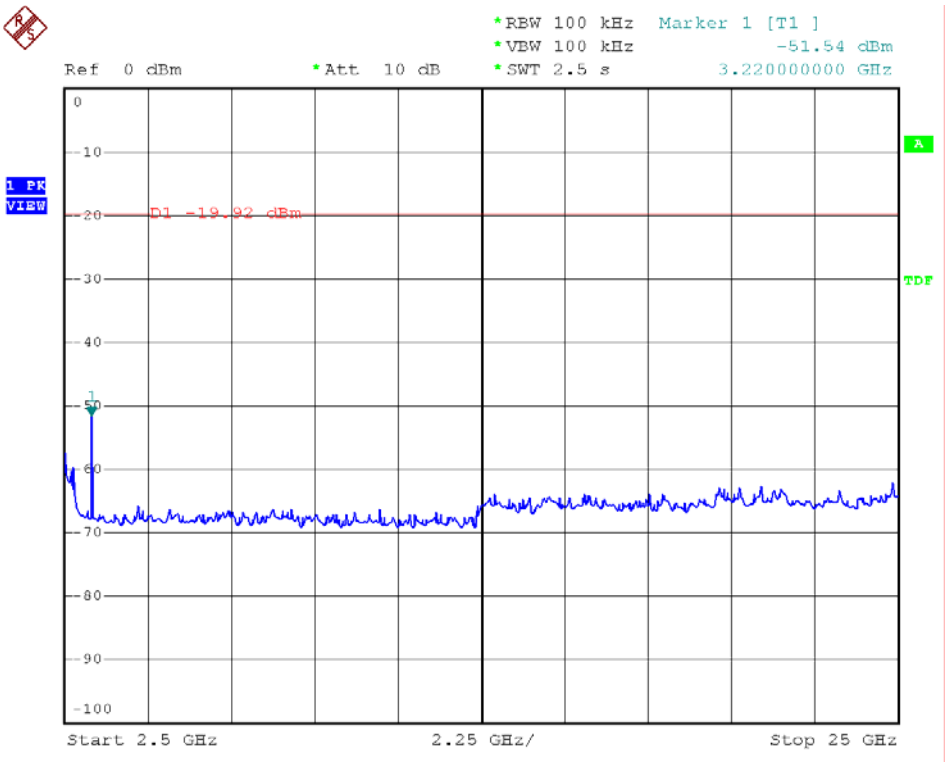
Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 03





Modulation Standard: 802.11n, HT40 (13.5Mbps), ANT L
Channel: 09





9.6 Restrict Band Emission Measurement Data

Test Date: Jun 17, 2011 Temperature: 25℃

Atmospheric pressure: 1025 hPa Humidity: 65%

Memo: Adapter: PIE/ AD810F10

Modulation Standard: IEEE 802.11b (1Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.05	H	53.18	-0.52	52.66	Peak	74	54	-21.34	91	1.00
2334.99	H	43.09	-0.72	42.37	Ave	74	54	-11.63	91	1.00
2389.58	V	54.84	-0.52	54.32	Peak	74	54	-19.68	268	1.00
2385.68	V	44.10	-0.54	43.56	Ave	74	54	-10.44	268	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.49	H	53.15	-0.19	52.96	Peak	74	54	-21.04	360	1.00
2492.59	H	43.78	-0.16	43.62	Ave	74	54	-10.38	360	1.00
2483.85	V	54.84	-0.19	54.65	Peak	74	54	-19.35	342	1.00
2487.74	V	44.45	-0.17	44.28	Ave	74	54	-9.72	342	1.00

Modulation Standard: IEEE 802.11g (6Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2387.72	H	53.46	-0.52	52.94	Peak	74	54	-21.06	112	1.00
2389.86	H	43.54	-0.52	43.02	Ave	74	54	-10.98	112	1.00
2389.87	V	69.66	-0.52	69.14	Peak	74	54	-4.86	26	1.00
2390.00	V	50.87	-0.52	50.35	Ave	74	54	-3.65	360	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.11	H	53.72	-0.19	53.53	Peak	74	54	-20.47	106	1.00
2483.74	H	43.22	-0.19	43.03	Ave	74	54	-10.97	106	1.00
2483.66	V	69.43	-0.19	69.24	Peak	74	54	-4.76	327	1.00
2483.50	V	50.87	-0.19	50.68	Ave	74	54	-3.32	0	1.00

Modulation Standard: IEEE 802.11n HT20 (6.5Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2388.74	H	53.51	-0.52	52.99	Peak	74	54	-21.01	98	1.00
2389.86	H	43.64	-0.52	43.12	Ave	74	54	-10.88	100	1.00
2388.74	V	71.76	-0.52	71.24	Peak	74	54	-2.76	0	1.00
2389.99	V	50.49	-0.52	49.97	Ave	74	54	-4.03	360	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.11	H	53.32	-0.19	53.13	Peak	74	54	-20.87	102	1.00
2483.51	H	43.56	-0.19	43.37	Ave	74	54	-10.63	102	1.00
2483.74	V	72.17	-0.19	71.98	Peak	74	54	-2.02	0	1.00
2483.88	V	49.91	-0.19	49.72	Ave	74	54	-4.28	360	1.00

Modulation Standard: IEEE 802.11n HT40 (13.5Mbps)

Channel 3										Fundamental Frequency: 2422 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.86	H	53.66	-0.52	53.14	Peak	74	54	-20.86	116	1.00
2390.00	H	43.27	-0.52	43.27	Ave	74	54	-10.73	116	1.00
2388.34	V	72.51	-0.52	71.99	Peak	74	54	-2.01	360	1.00
2390.00	V	50.88	-0.52	50.36	Ave	74	54	-3.64	0	1.00
Channel 9										Fundamental Frequency: 2452 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.74	H	53.48	-0.19	53.29	Peak	74	54	-20.71	105	1.00
2483.50	H	43.55	-0.19	43.36	Ave	74	54	-10.64	105	1.00
2483.58	V	67.92	-0.19	67.73	Peak	74	54	-6.27	0	1.00
2483.50	V	49.77	-0.19	49.58	Ave	74	54	-4.42	360	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10 MHz for Average detection at frequency above 1GHz.

Test Date: Jun 17, 2011 Temperature: 25℃

Atmospheric pressure: 1025 hPa Humidity: 65%

Memo: Adapter: Leader/ MT12-Y120100-A1

Modulation Standard: IEEE 802.11b (1Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.05	H	53.35	-0.52	52.83	Peak	74	54	-21.27	91	1.00
2334.99	H	43.35	-0.72	42.63	Ave	74	54	-10.37	91	1.00
2389.58	V	54.63	-0.52	54.11	Peak	74	54	-19.89	268	1.00
2385.68	V	44.63	-0.54	44.09	Ave	74	54	-9.91	268	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.49	H	53.63	-0.19	53.44	Peak	74	54	-20.56	360	1.00
2492.59	H	43.35	-0.16	43.19	Ave	74	54	-10.81	360	1.00
2483.85	V	54.63	-0.19	54.44	Peak	74	54	-19.56	342	1.00
2487.74	V	44.23	-0.17	44.06	Ave	74	54	-9.94	342	1.00

Modulation Standard: IEEE 802.11g (6Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2387.72	H	53.65	-0.52	53.13	Peak	74	54	-20.87	112	1.00
2389.86	H	43.33	-0.52	42.81	Ave	74	54	-11.19	112	1.00
2389.87	V	69.53	-0.52	69.01	Peak	74	54	-4.99	26	1.00
2390.00	V	50.45	-0.52	49.93	Ave	74	54	-4.07	360	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.11	H	53.66	-0.19	53.47	Peak	74	54	-20.53	106	1.00
2483.74	H	43.23	-0.19	43.04	Ave	74	54	-10.96	106	1.00
2483.66	V	69.84	-0.19	69.65	Peak	74	54	-4.35	327	1.00
2483.50	V	50.24	-0.19	50.05	Ave	74	54	-3.95	0	1.00

Modulation Standard: IEEE 802.11n HT20 (6.5Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2388.74	H	53.32	-0.52	52.80	Peak	74	54	-21.20	98	1.00
2389.86	H	43.43	-0.52	42.91	Ave	74	54	-11.09	100	1.00
2388.74	V	71.45	-0.52	70.93	Peak	74	54	-3.07	0	1.00
2389.99	V	50.24	-0.52	49.72	Ave	74	54	-4.28	360	1.00
Channel 11										Fundamental Frequency: 2462 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.11	H	53.55	-0.19	53.36	Peak	74	54	-20.64	102	1.00
2483.51	H	43.33	-0.19	43.14	Ave	74	54	-10.86	102	1.00
2483.74	V	72.08	-0.19	71.89	Peak	74	54	-2.20	0	1.00
2483.88	V	49.77	-0.19	49.58	Ave	74	54	-4.42	360	1.00

Modulation Standard: IEEE 802.11n HT40 (13.5Mbps)

Channel 3										Fundamental Frequency: 2422 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.86	H	53.54	-0.52	53.02	Peak	74	54	-20.98	116	1.00
2390.00	H	43.64	-0.52	43.12	Ave	74	54	-10.88	116	1.00
2388.34	V	72.31	-0.52	71.79	Peak	74	54	-2.21	360	1.00
2390.00	V	50.75	-0.52	50.23	Ave	74	54	-3.77	0	1.00
Channel 9										Fundamental Frequency: 2452 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.74	H	53.87	-0.19	53.68	Peak	74	54	-20.32	105	1.00
2483.50	H	43.66	-0.19	43.47	Ave	74	54	-10.53	105	1.00
2483.58	V	67.43	-0.19	67.24	Peak	74	54	-6.76	0	1.00
2483.50	V	49.65	-0.19	49.46	Ave	74	54	-4.54	360	1.00

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10 MHz for Average detection at frequency above 1GHz.

10. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

**: Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

10.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.