



6. 6dB Bandwidth Measurement Data

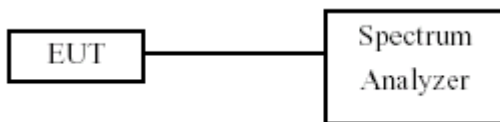
6.1 Test Limit

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	2013/03/15	2014/03/14

6.5 Test Result and Data

Test Date: Oct. 01, 2013

Temperature: 25°C

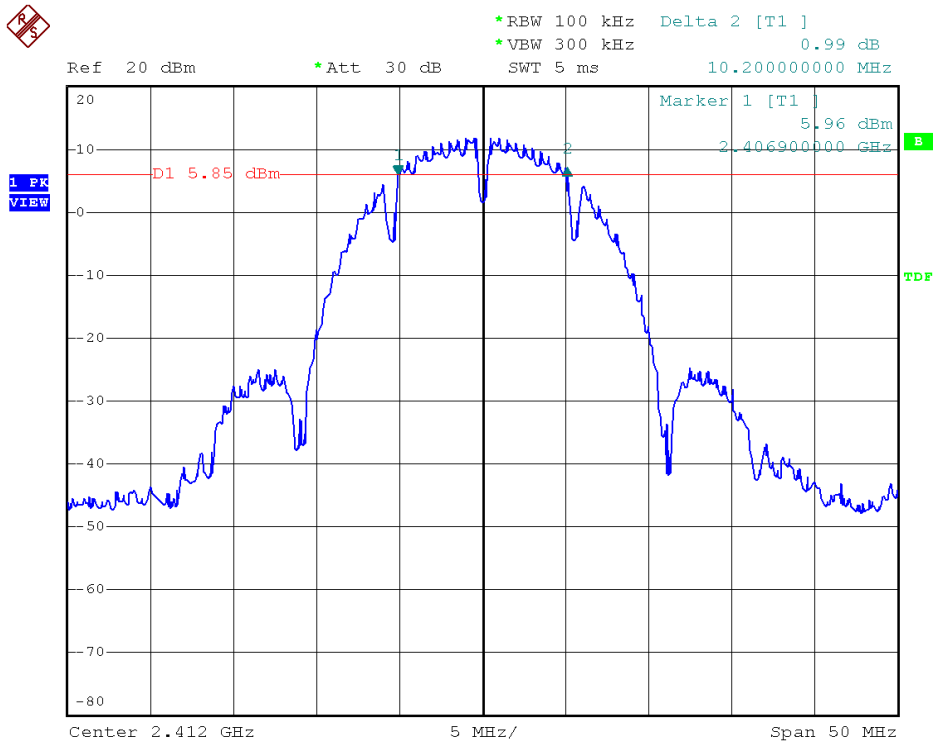
Atmospheric pressure: 1020 hPa

Humidity: 42%

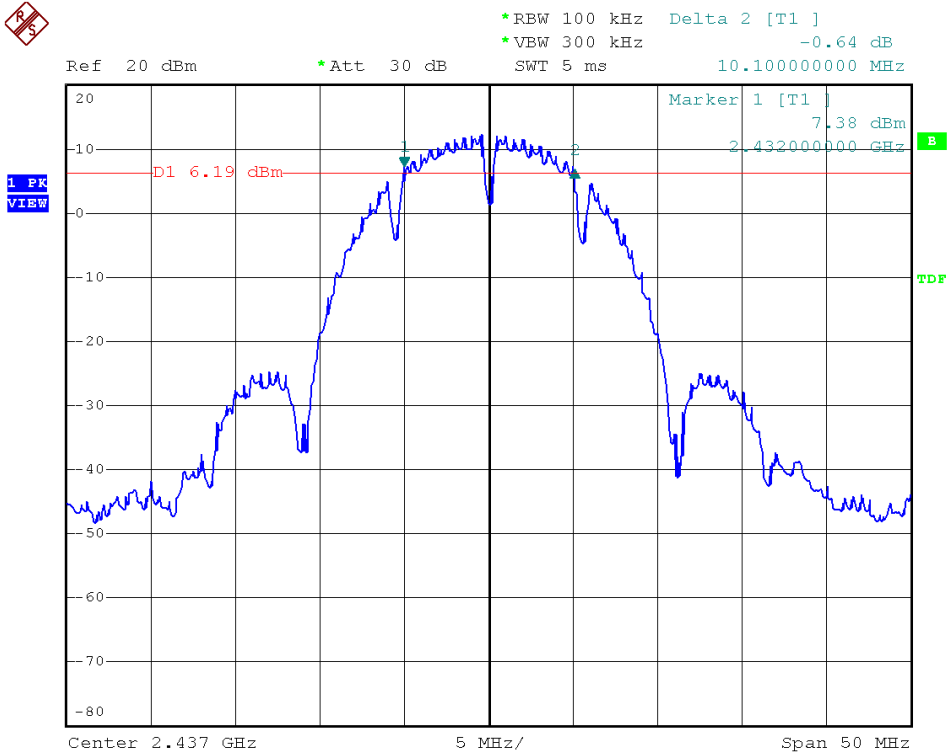
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			ANT A	ANT B
802.11b (11Mbps)	01	2412	10.2	10.2
	06	2437	10.1	10.1
	11	2462	10.2	10.1
802.11g (54Mbps)	01	2412	16.7	16.7
	06	2437	16.7	16.6
	11	2462	16.6	16.6
802.11n HT20 (130Mbps)	01	2412	17.9	17.8
	06	2437	17.9	17.8
	11	2462	17.9	17.9
802.11n HT40 (270Mbps)	03	2422	36.4	36.4
	06	2437	36.6	36.6
	09	2452	36.4	36.4



Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 01

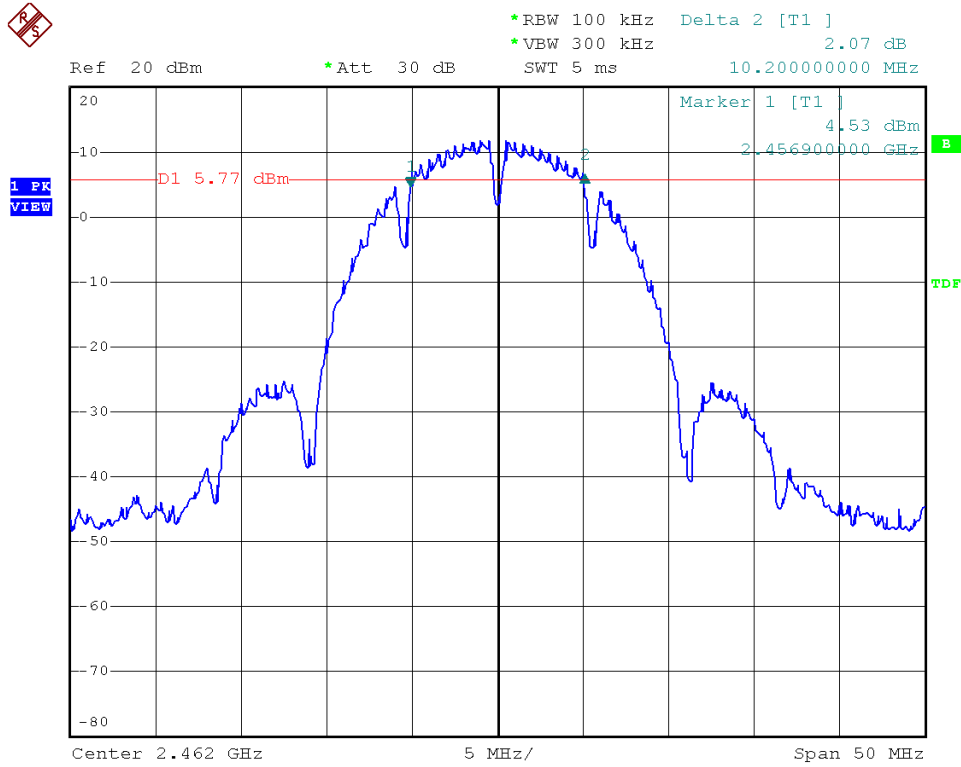


Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 06

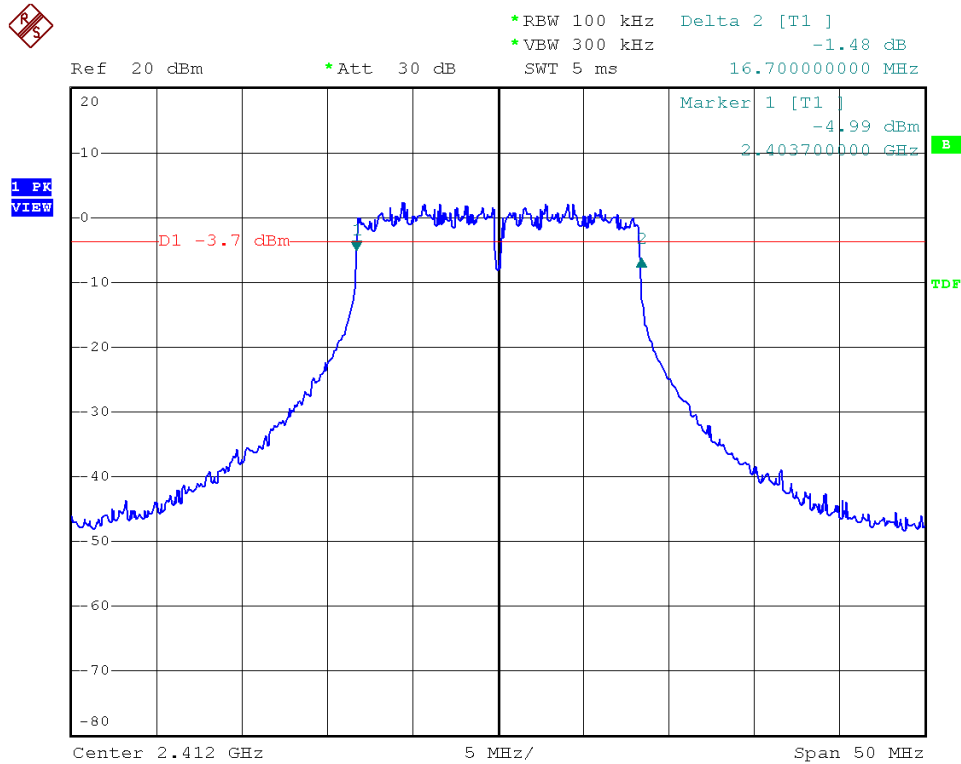




Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 11

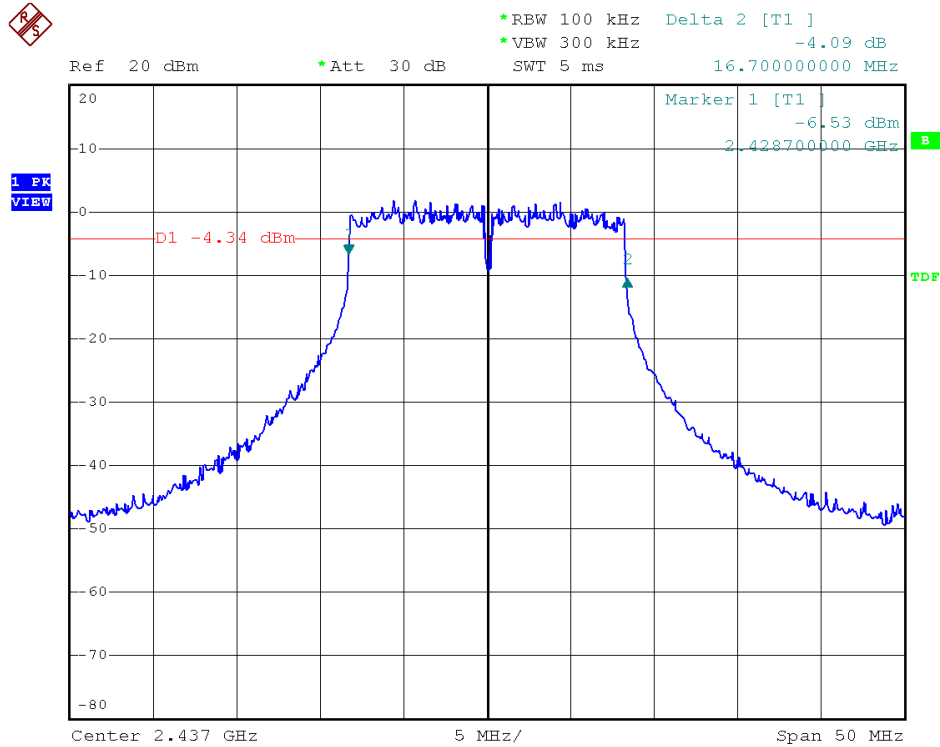


Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 01

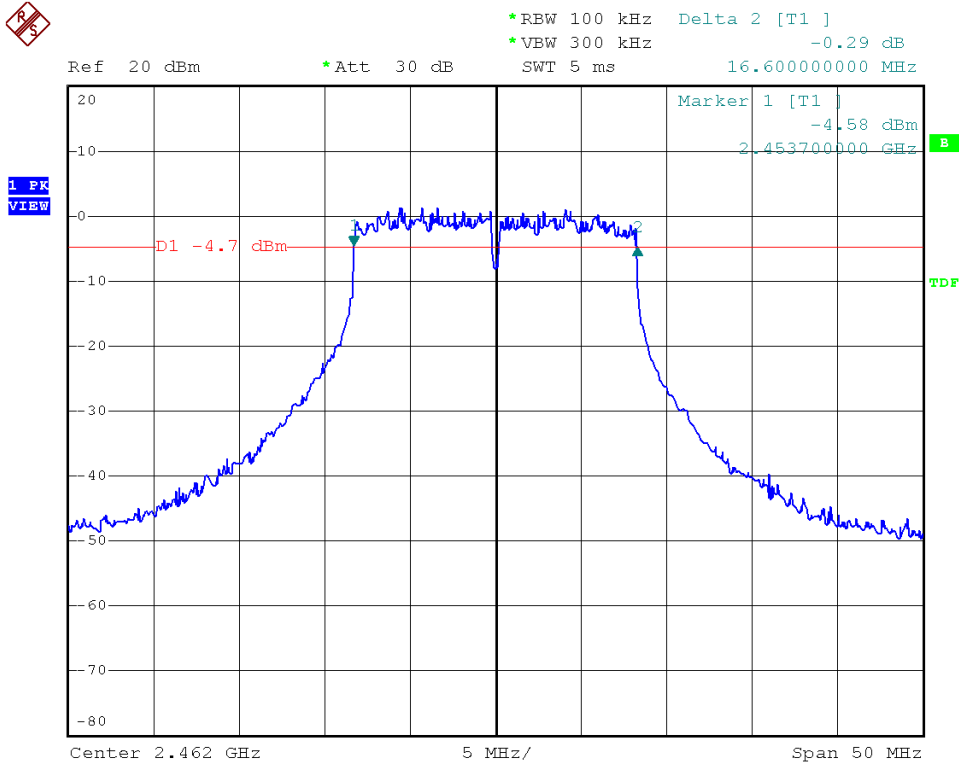




Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 06

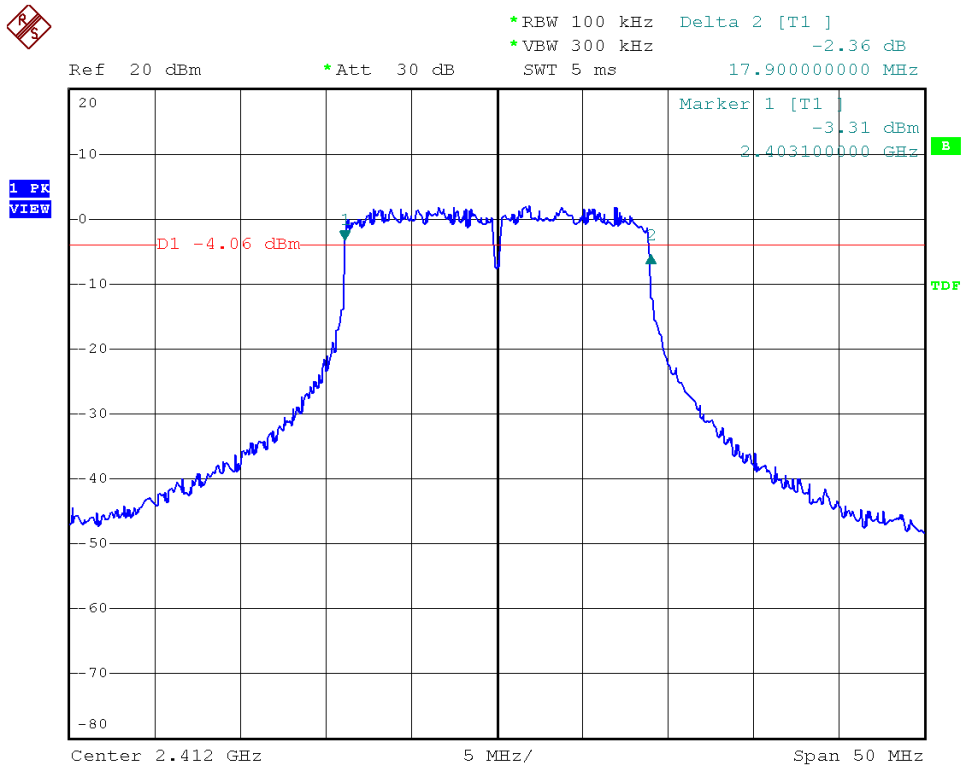


Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 11

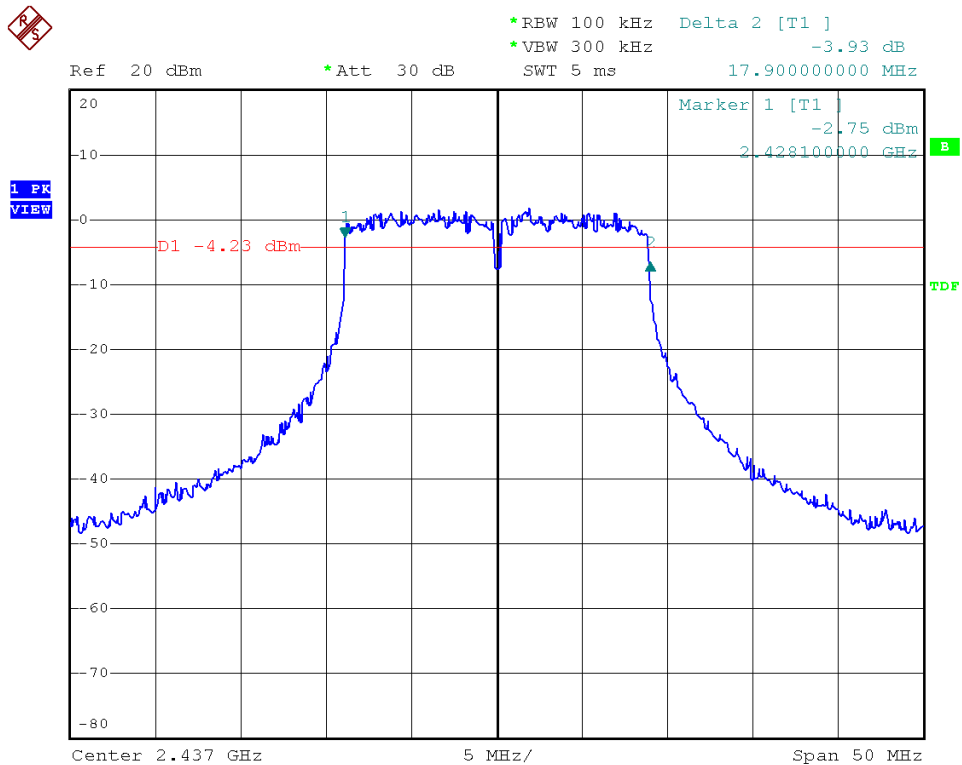




Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 01

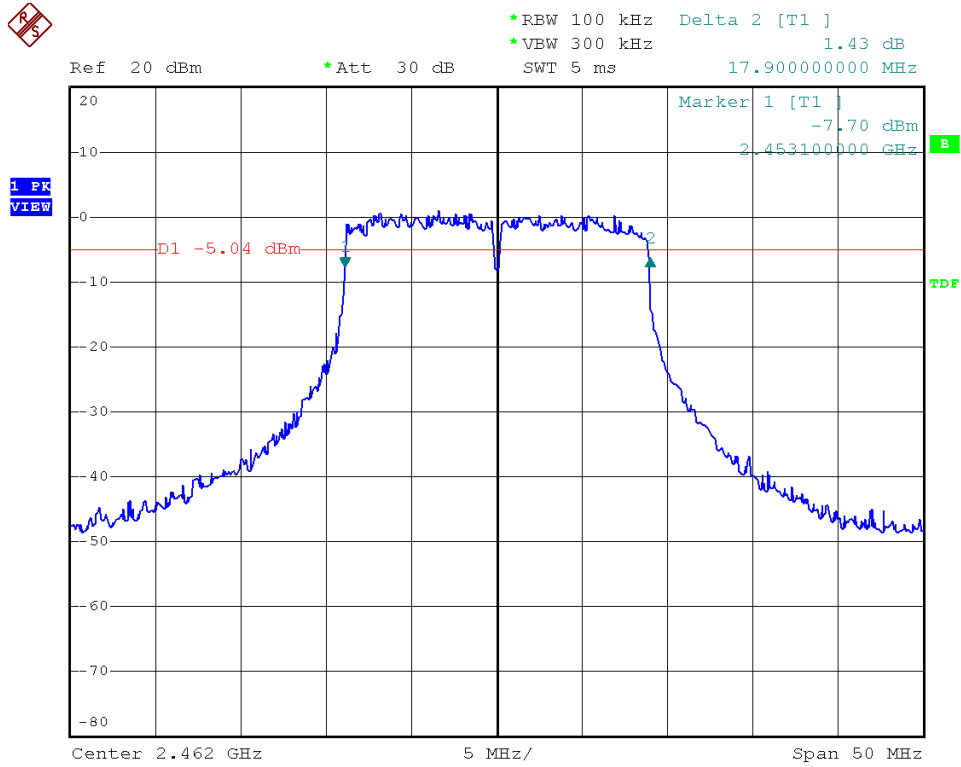


Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 06

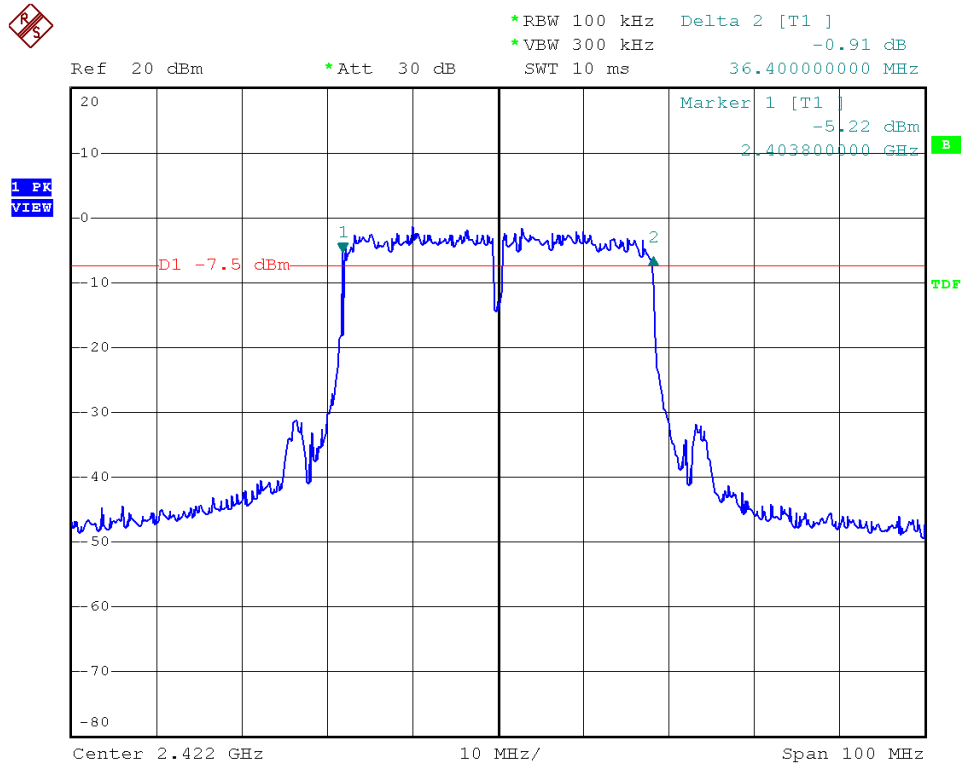




Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 11

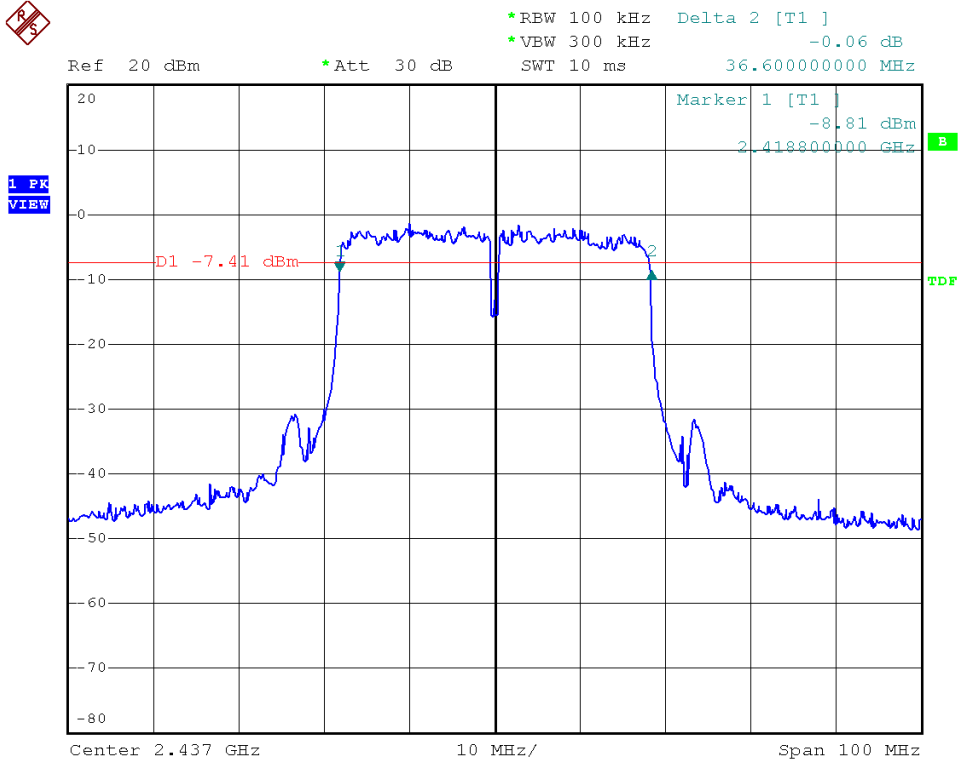


Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 03

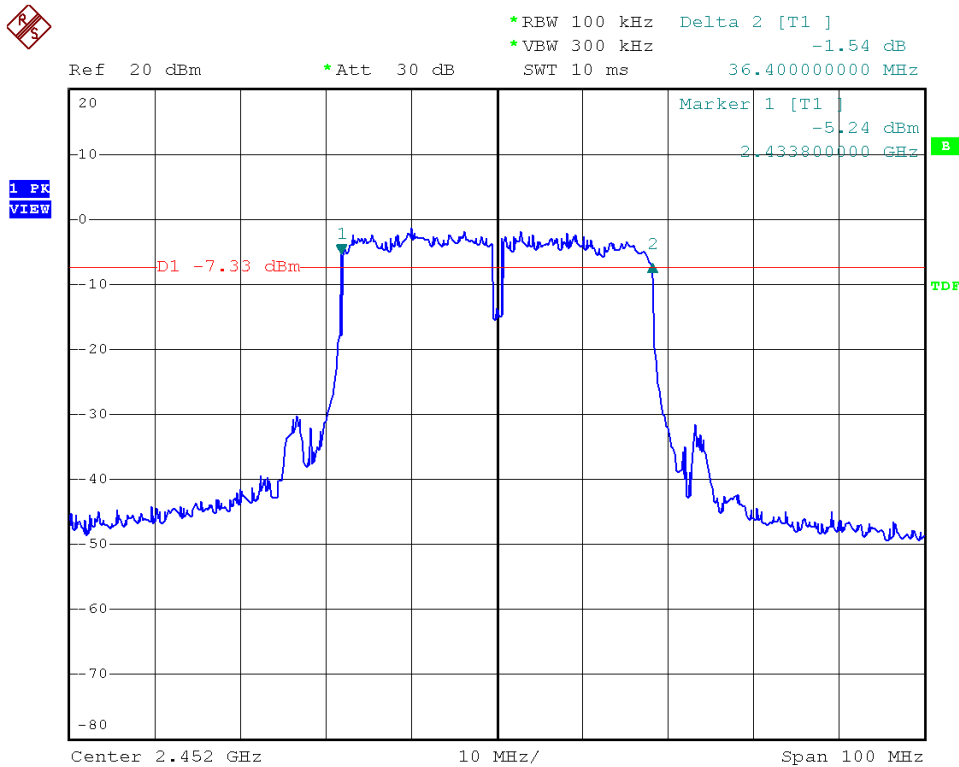




Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 06

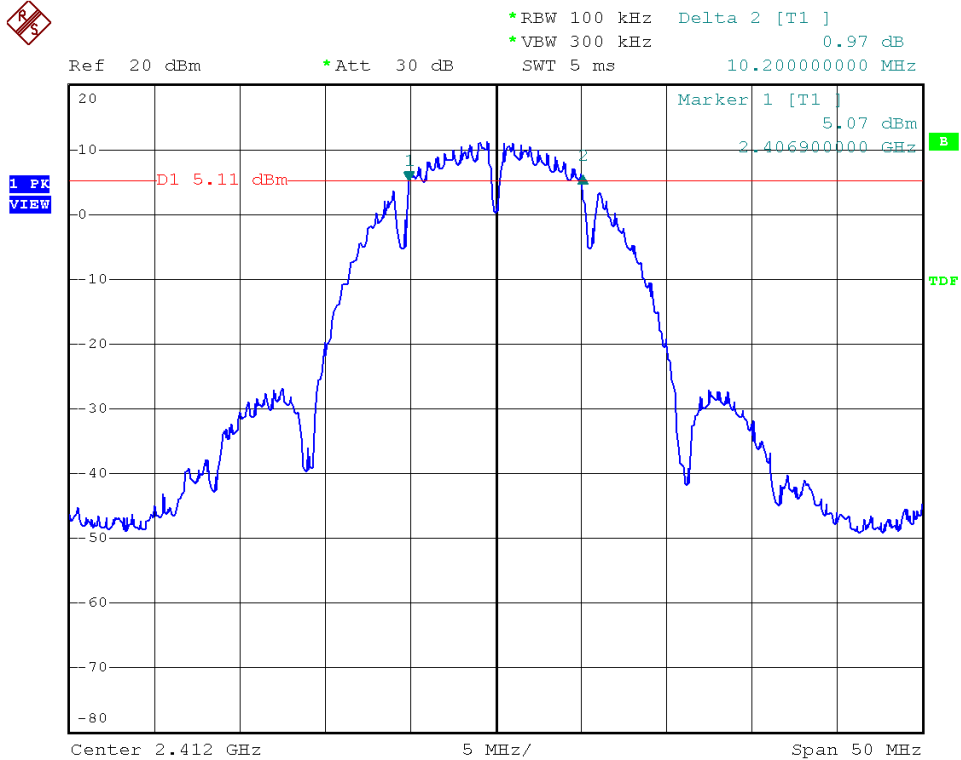


Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 09

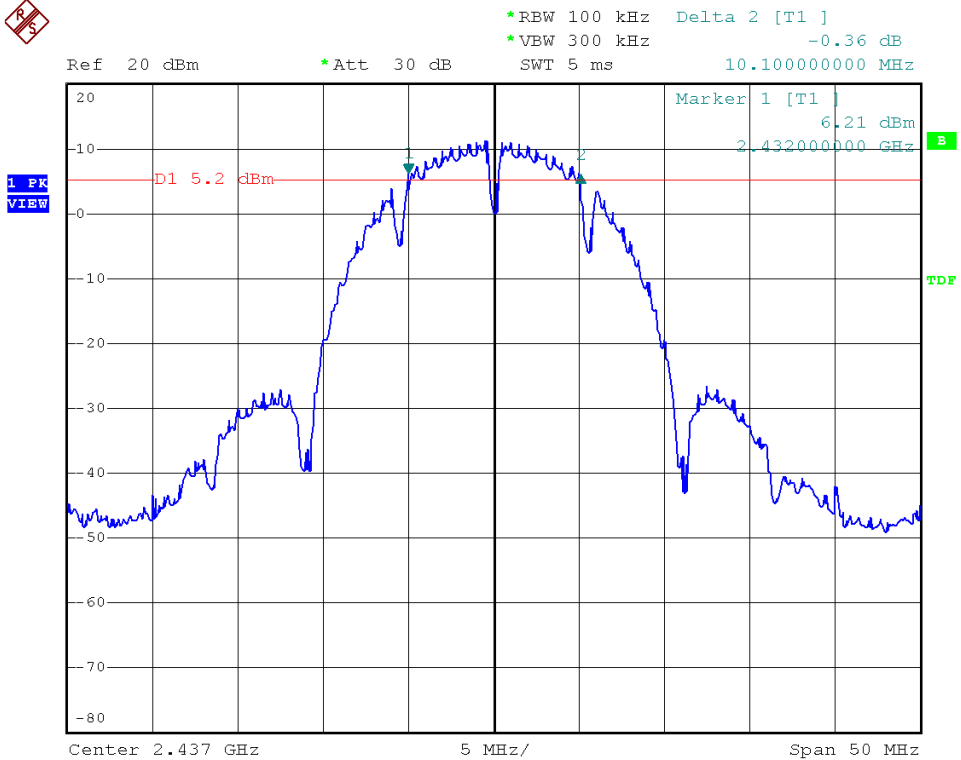




Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 01

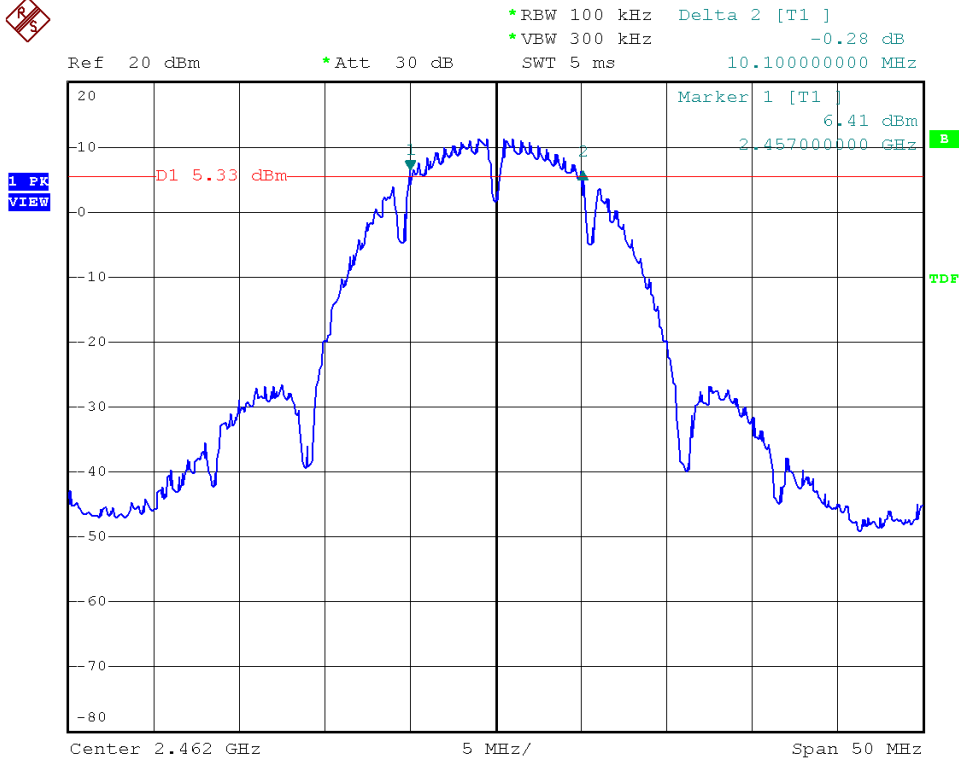


Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 06

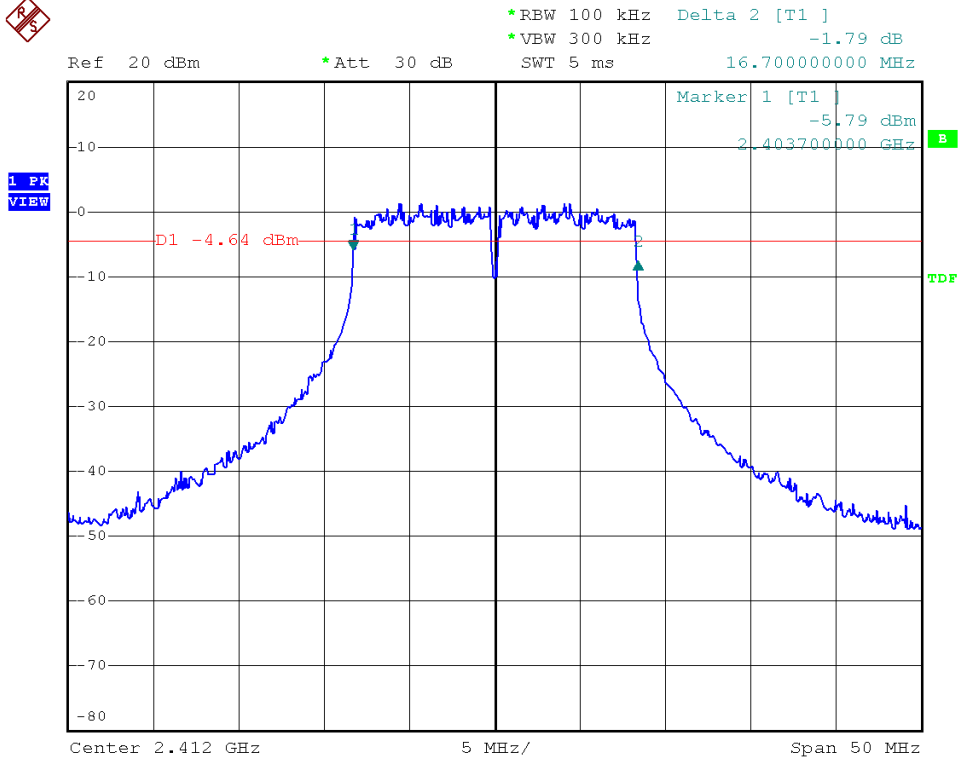




Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 11

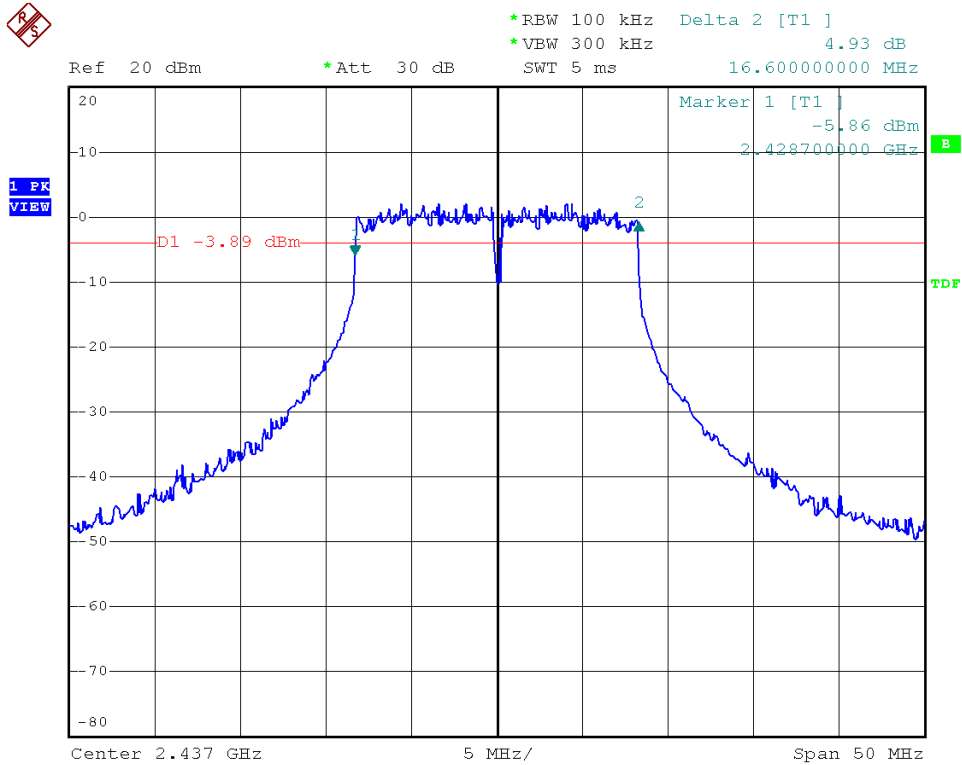


Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 01

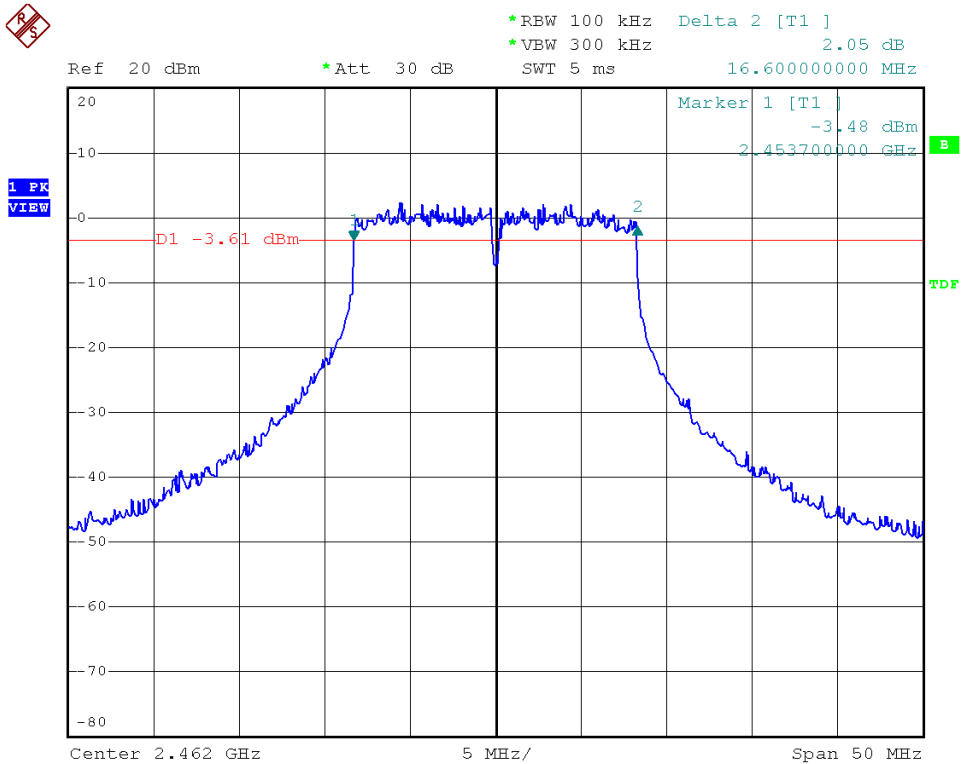




Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 06

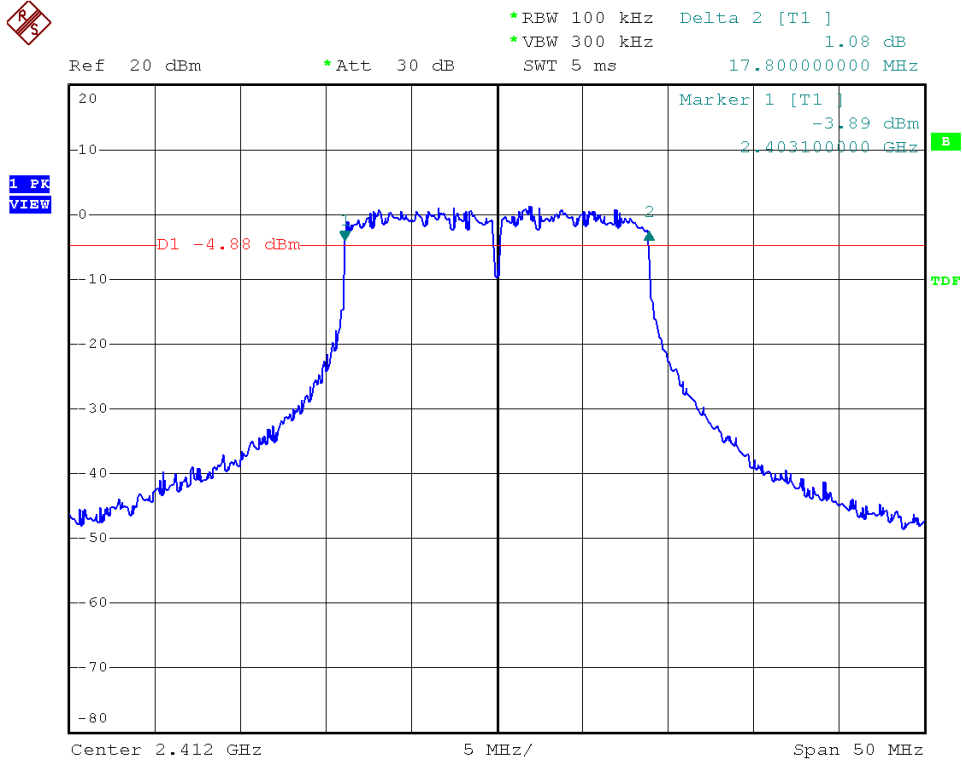


Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 11

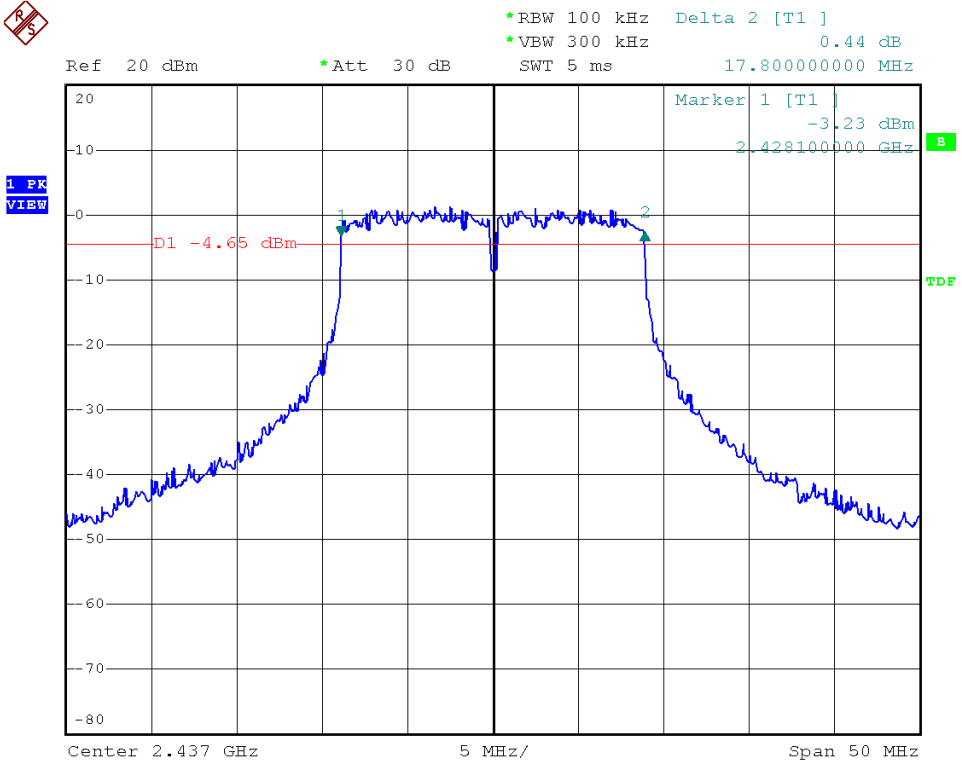




Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 01

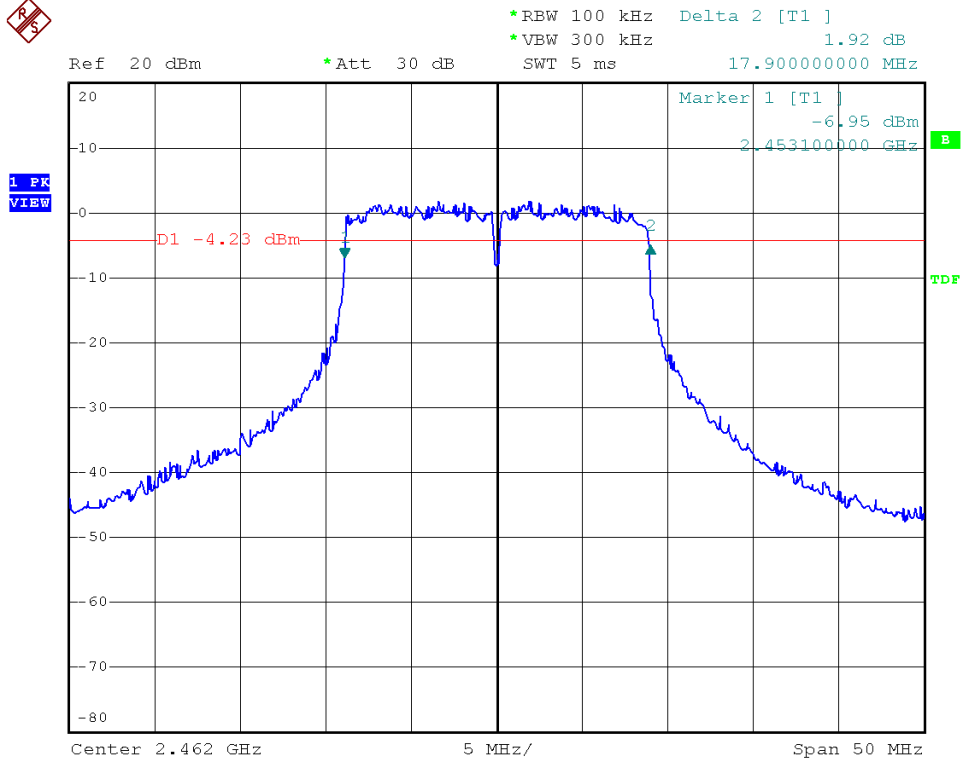


Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 06

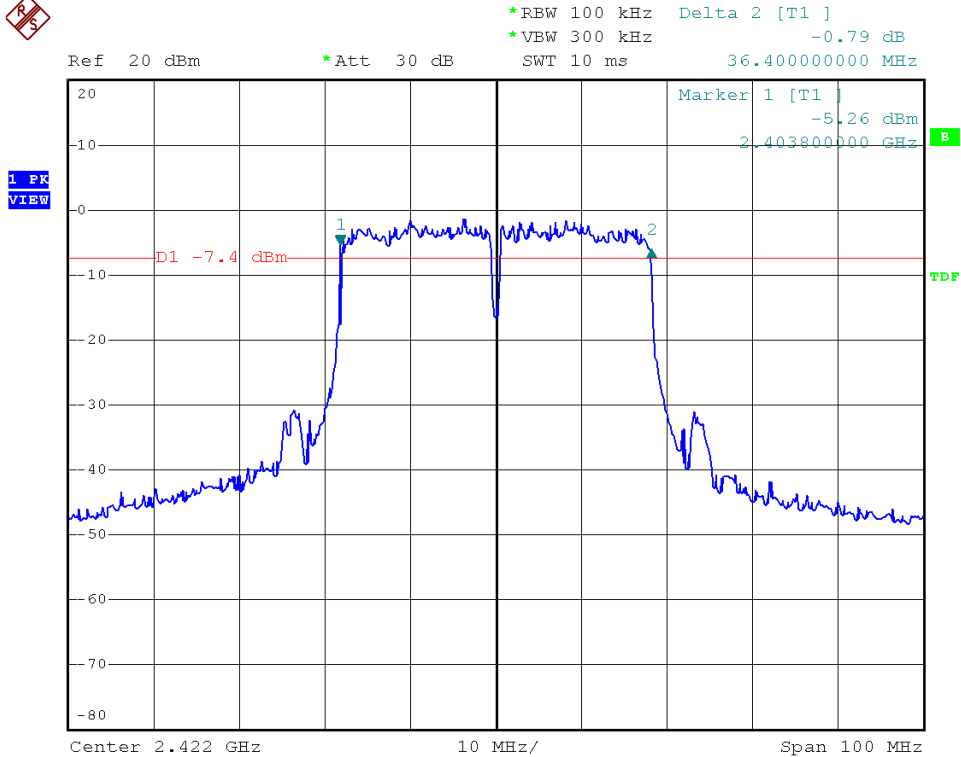




Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 11

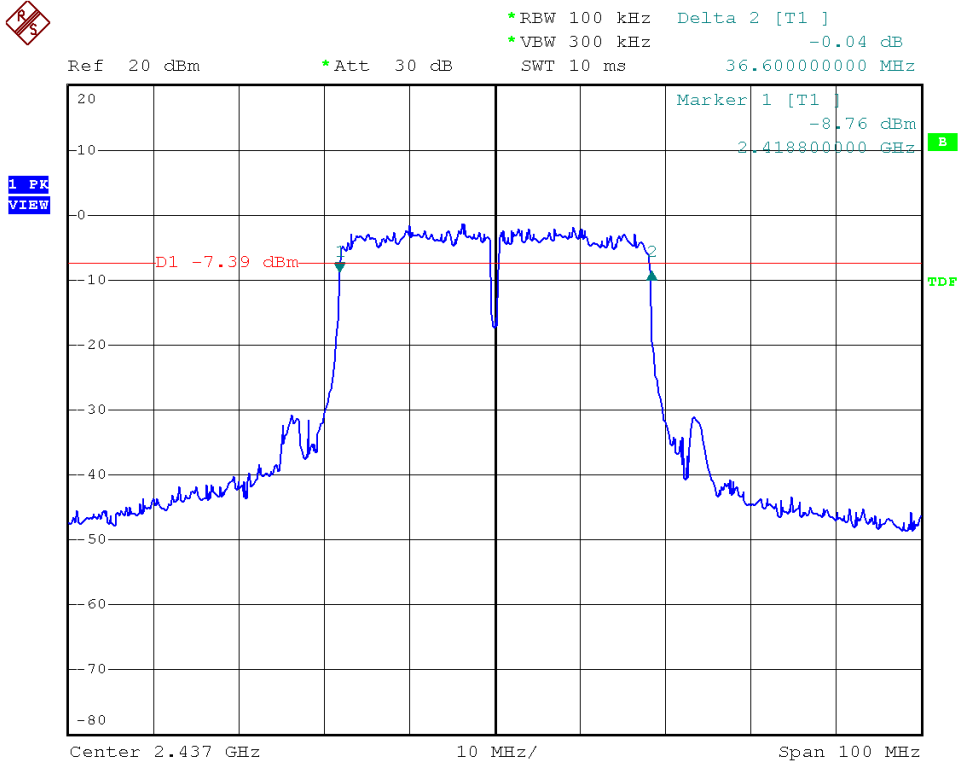


Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 03

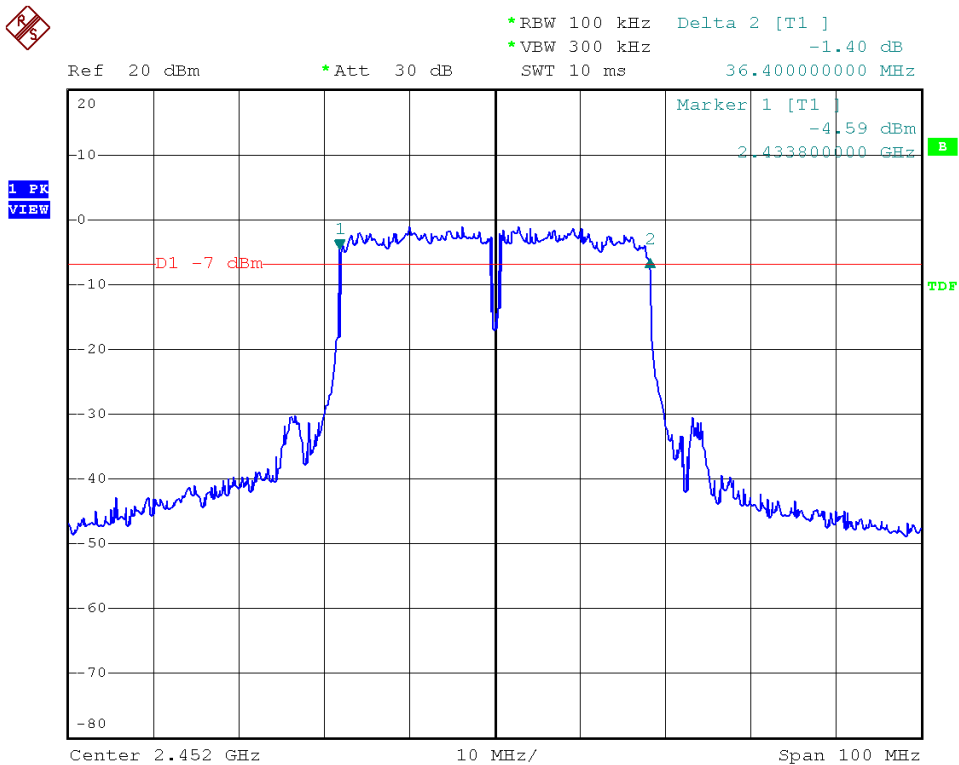




Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 09





7. Maximum Peak and Average Output Power

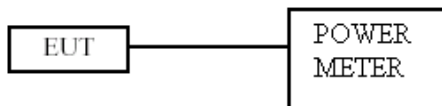
7.1 Test Limit

The Maximum Peak Output Power Measurement is 25.99dBm.

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	2013/03/15	2014/03/14
SERIES POWER METER	ANRITSU	ML2495A	1224005	2013/03/21	2014/03/20
POWER SENSOR	ANRITSU	MA2411B	1207295	2013/03/21	2014/03/20



7.5 Test Result and Data

Test Date: Sep. 27, 2013

Temperature: 26°C

Atmospheric pressure: 1018 hPa

Humidity: 43%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT A	ANT B	ANT A+B	ANT A+B
802.11b (11Mbps)	01	2412	24.91	24.68	27.68	585.55
	06	2437	24.86	24.66	27.77	598.61
	11	2462	24.78	24.69	27.75	595.05
802.11g (54Mbps)	01	2412	24.53	24.56	27.56	569.55
	06	2437	24.81	24.83	27.83	606.78
	11	2462	24.58	24.73	27.67	584.24

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT A	ANT B	ANT A+B	ANT A+B
802.11n HT20 (130Mbps)	01	2412	24.72	24.61	27.93	620.82
	06	2437	24.57	24.66	27.63	578.83
	11	2462	24.59	24.58	27.60	574.82
802.11n HT40 (270Mbps)	01	2422	23.14	23.58	26.38	434.10
	06	2437	24.81	24.89	27.86	611.01
	11	2452	24.33	24.92	27.65	581.48



Test Date: Sep. 27, 2013

Temperature: 26°C

Atmospheric pressure: 1018 hPa

Humidity: 43%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT A	ANT B	ANT A+B	ANT A+B
802.11b (11Mbps)	01	2412	22.86	22.53	25.71	372.26
	06	2437	22.74	22.48	25.62	364.94
	11	2462	22.64	22.56	25.61	363.96
802.11g (54Mbps)	01	2412	14.97	14.74	17.87	61.19
	06	2437	15.04	14.92	17.99	62.96
	11	2462	14.66	14.78	17.73	59.30

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT A	ANT B	ANT A+B	ANT A+B
802.11n HT20 (130Mbps)	01	2412	15.43	15.41	18.43	69.67
	06	2437	15.01	14.95	17.99	62.96
	11	2462	14.94	14.77	17.87	61.18
802.11n HT40 (270Mbps)	01	2422	13.01	13.02	16.03	40.04
	06	2437	14.67	14.52	17.61	57.62
	11	2452	14.28	14.37	17.34	54.14



8. Power Spectral Density

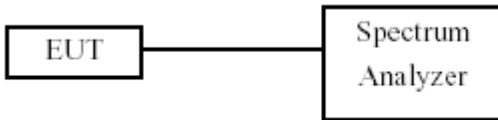
8.1 Test Limit

The Maximum of Power Spectral Density Measurement is 3.99dBm.

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	2013/03/15	2014/03/14

8.5 Test Result and Data

Test Date: Oct. 01, 2013

Temperature: 25°C

Atmospheric pressure: 1019 hPa

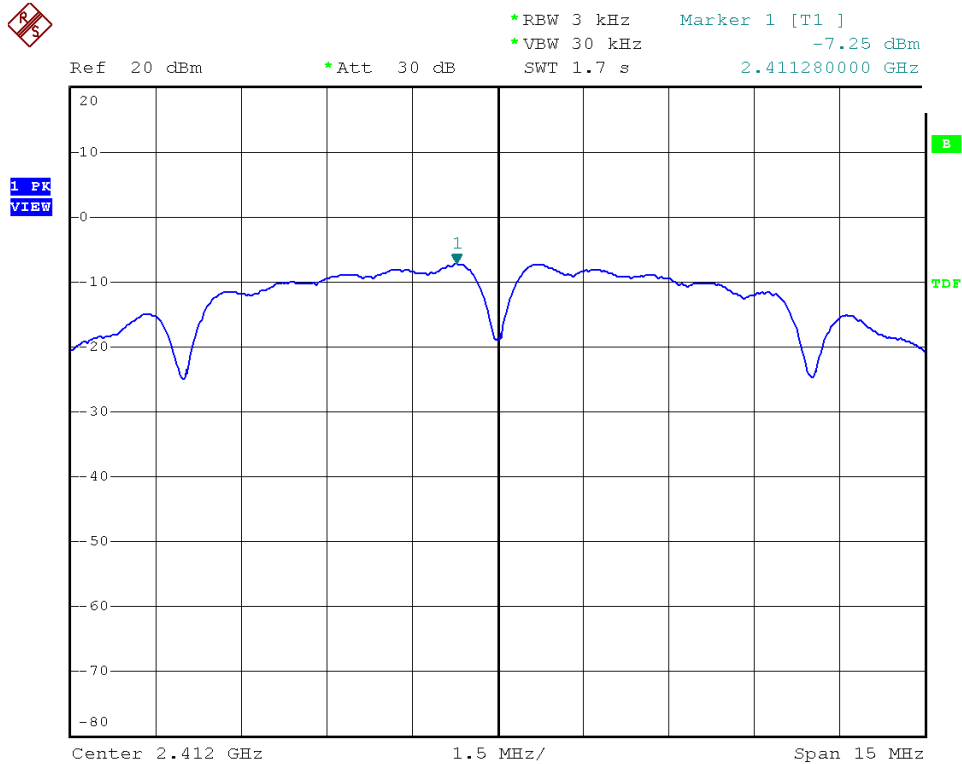
Humidity: 42%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT A	ANT B	ANT A+B
802.11b (11Mbps)	01	2412	-7.25	-8.16	-7.05
	06	2437	-7.67	-8.85	-6.61
	11	2462	-7.75	-8.36	-6.87
802.11g (54Mbps)	01	2412	-10.76	-11.56	-10.83
	06	2437	-12.20	-10.77	-10.86
	11	2462	-12.14	-11.48	-10.61

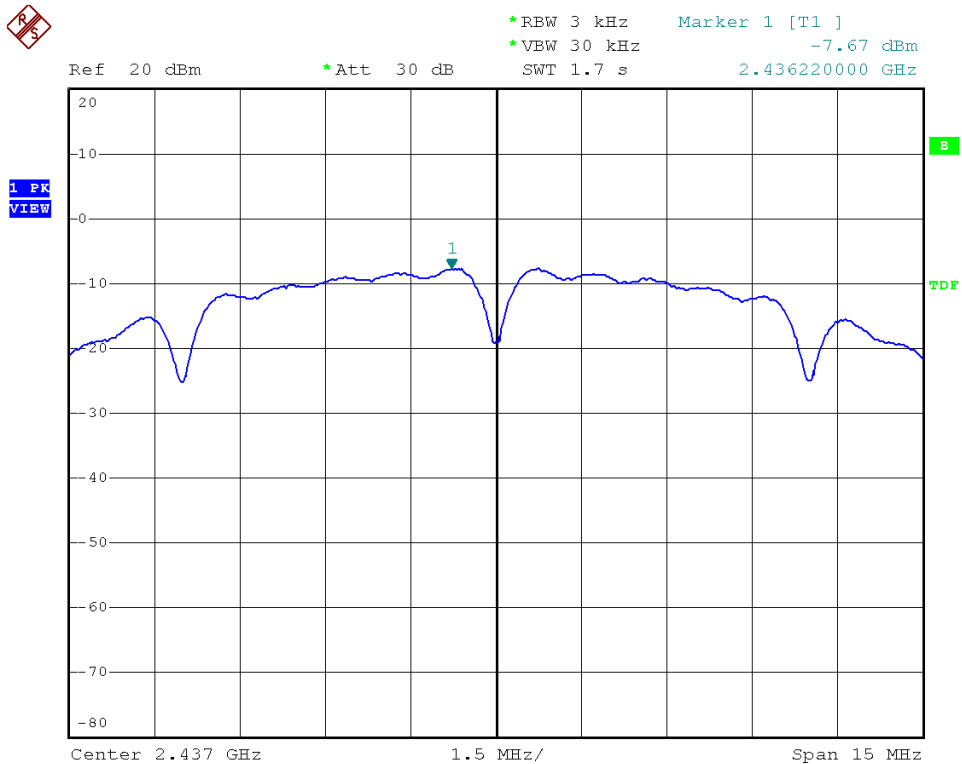
Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT A	ANT B	ANT A+B
802.11n HT20 (130Mbps)	01	2412	-11.67	-11.79	-11.14
	06	2437	-12.25	-12.43	-11.61
	11	2462	-12.74	-11.67	-11.46
802.11n HT40 (270Mbps)	03	2422	-13.70	-14.08	-13.17
	06	2437	-14.36	-15.01	-13.23
	09	2452	-14.78	-14.11	-13.57



Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 01

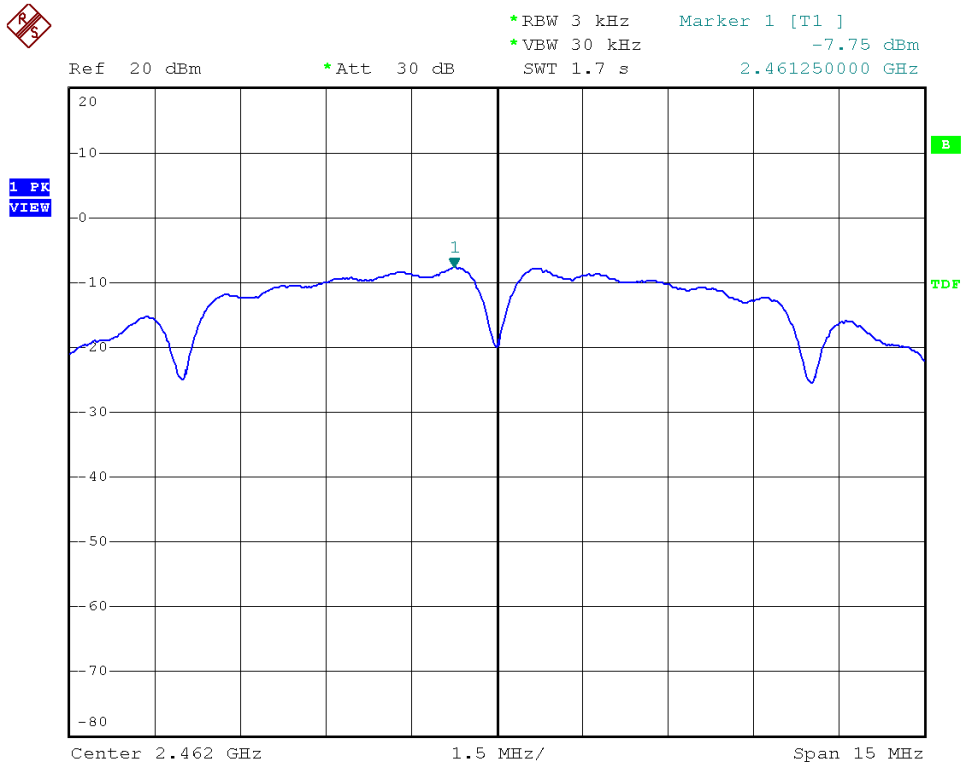


Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 06

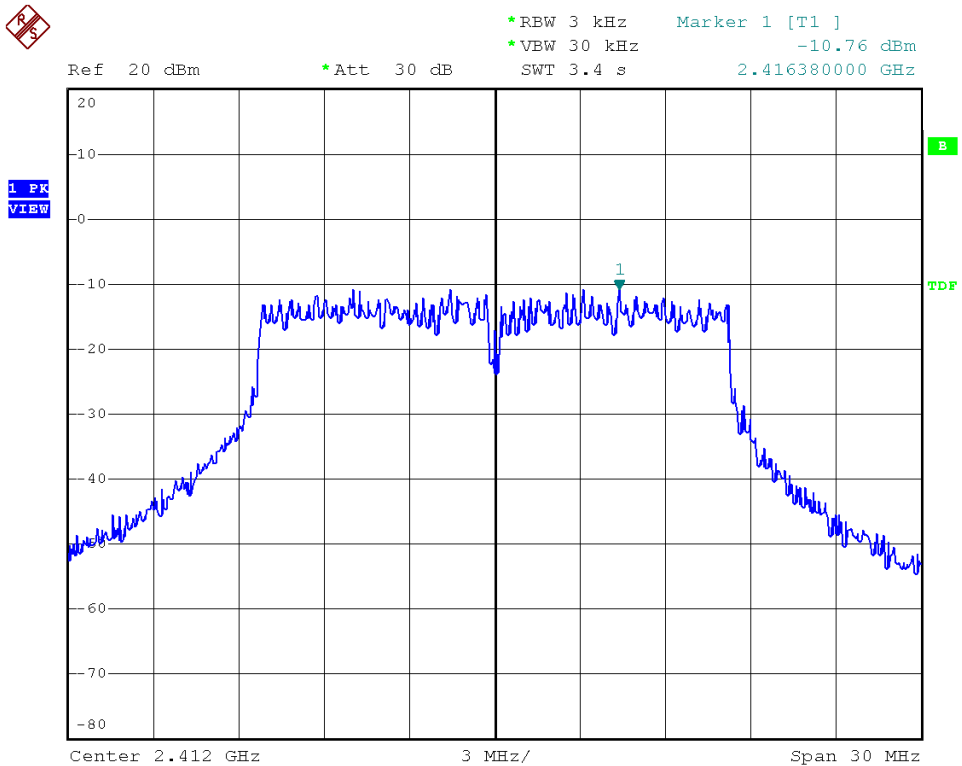




Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 11

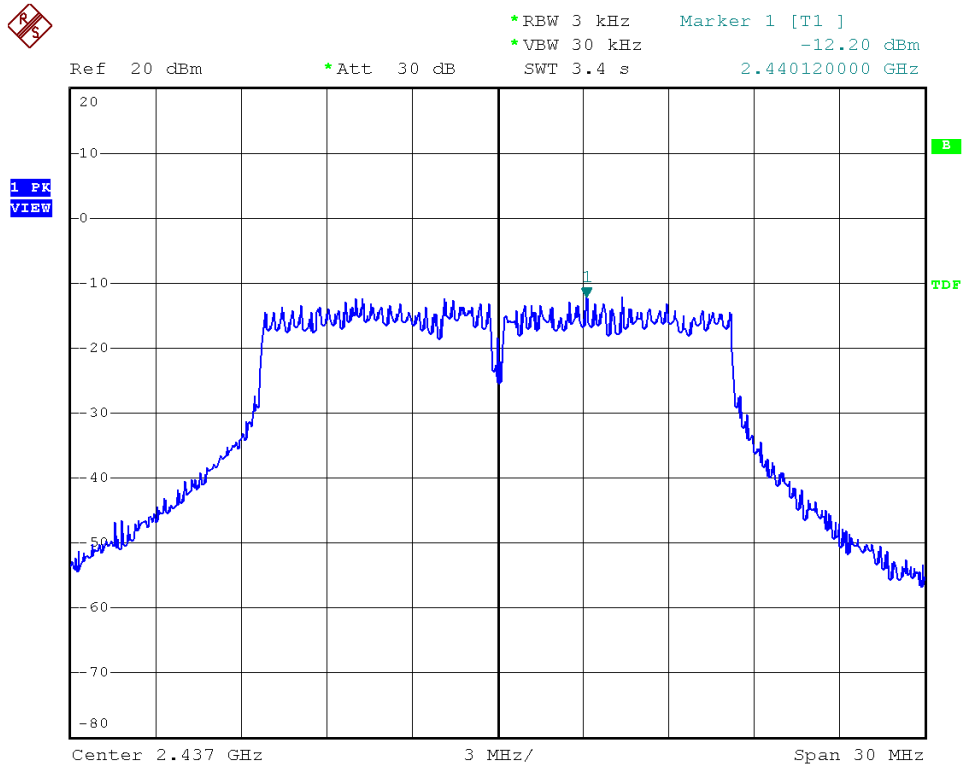


Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 01

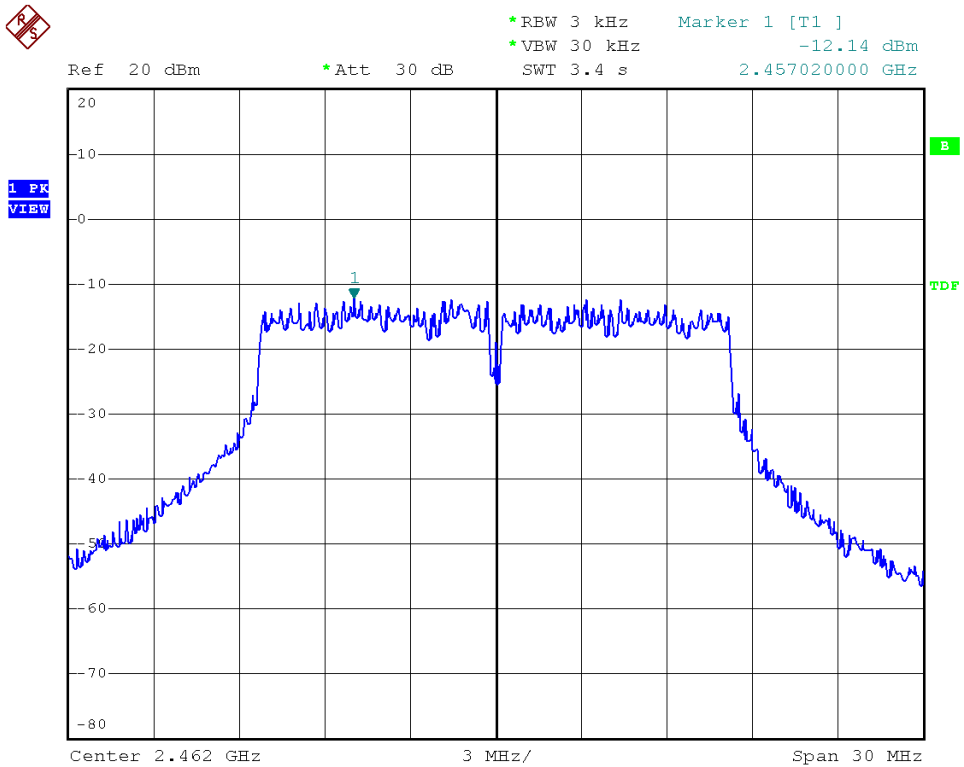




Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 06

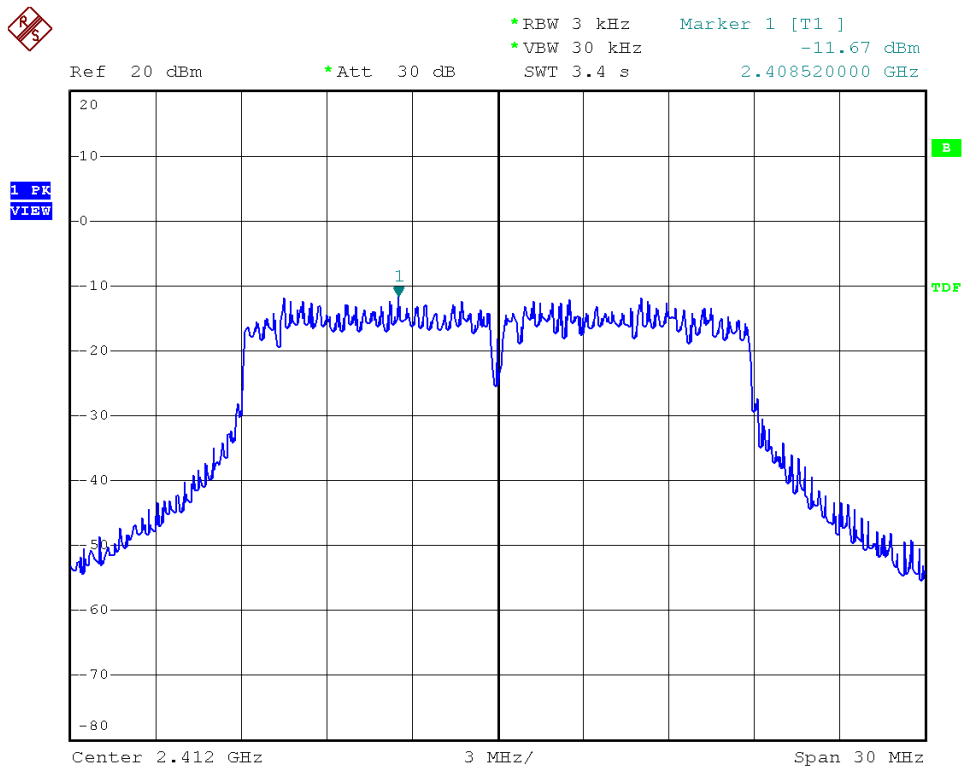


Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 11

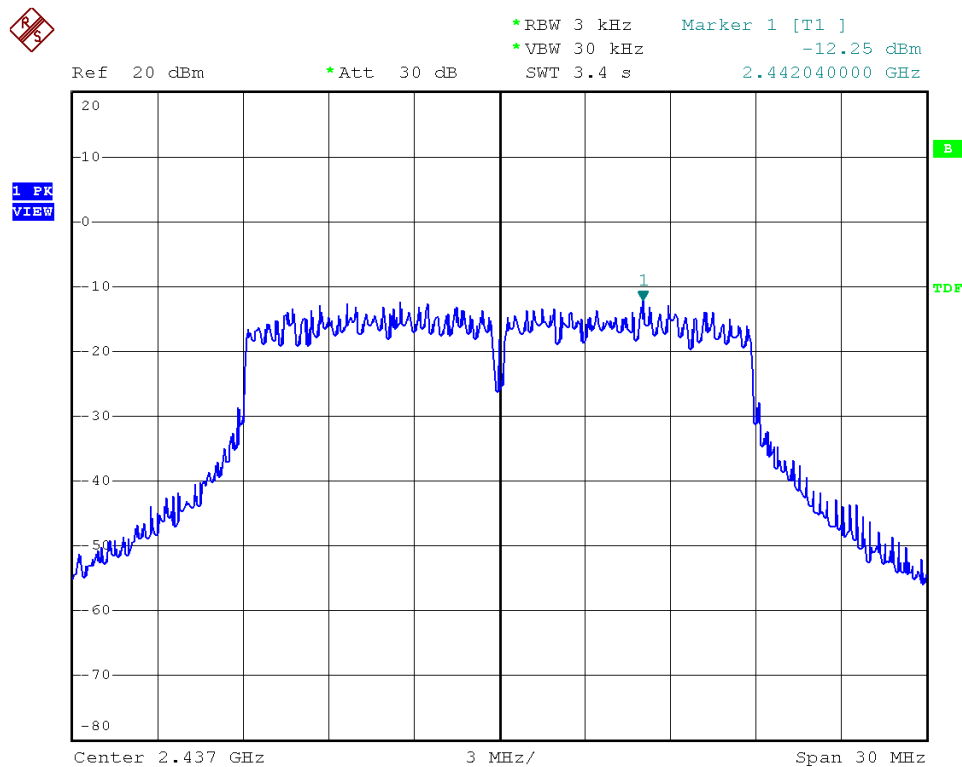




Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 01

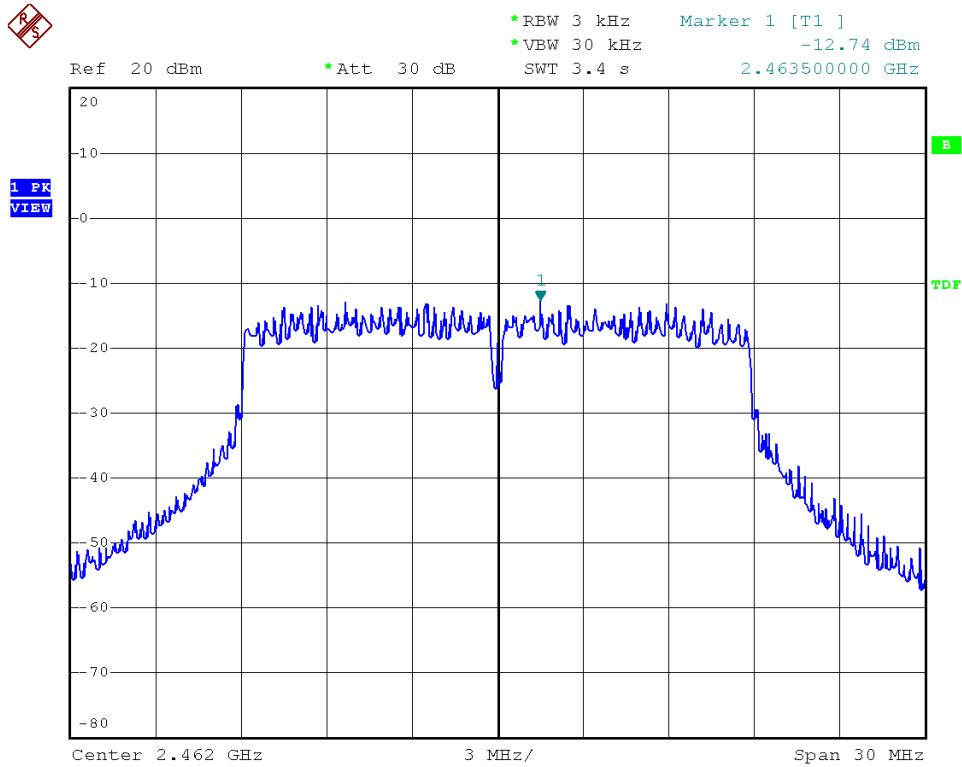


Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 06

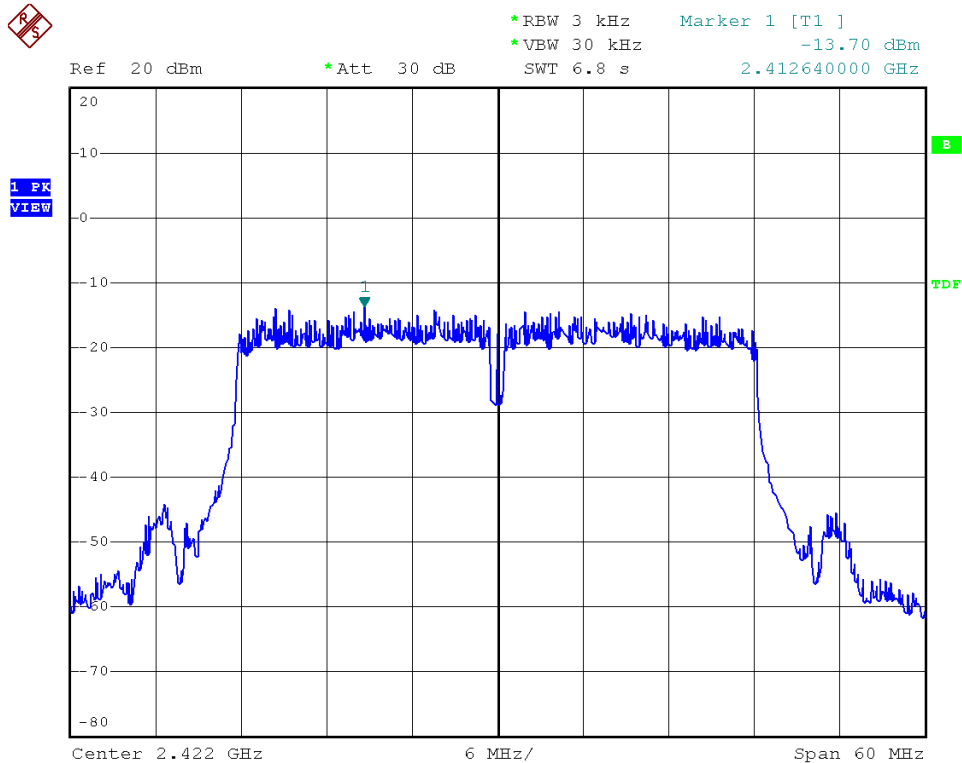




Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 11

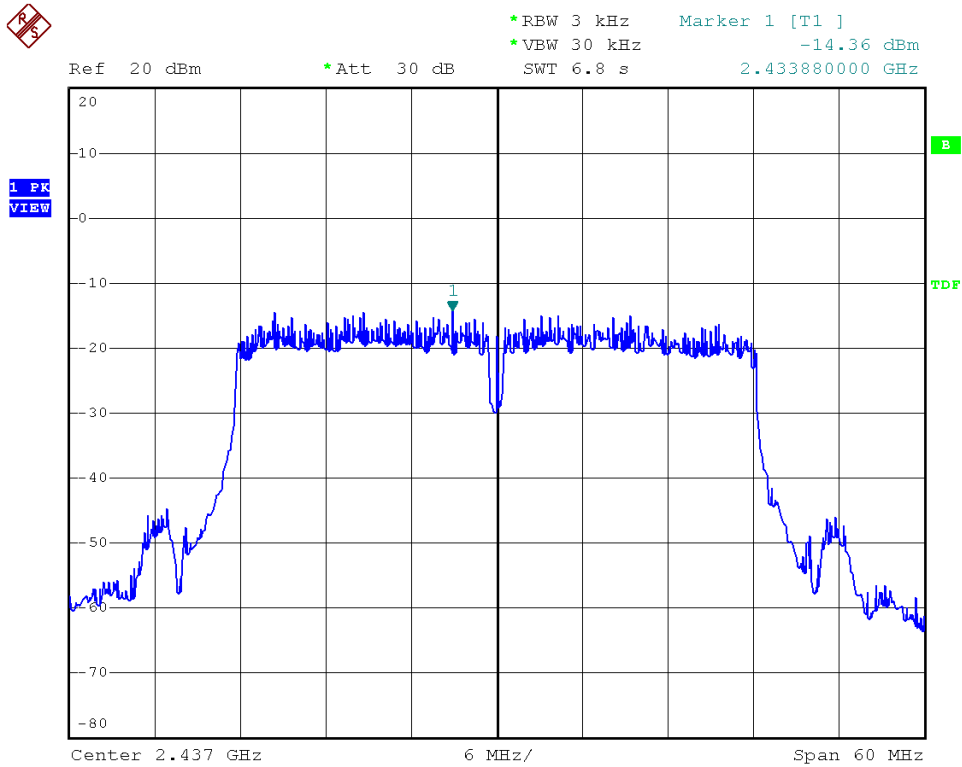


Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 03

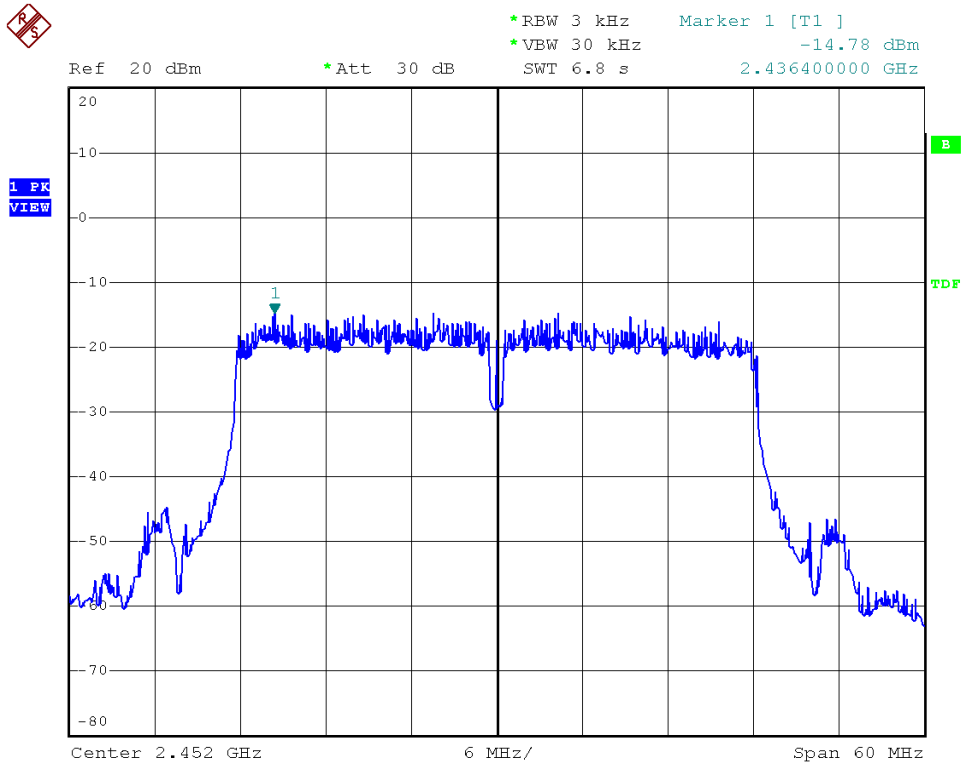




Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 09

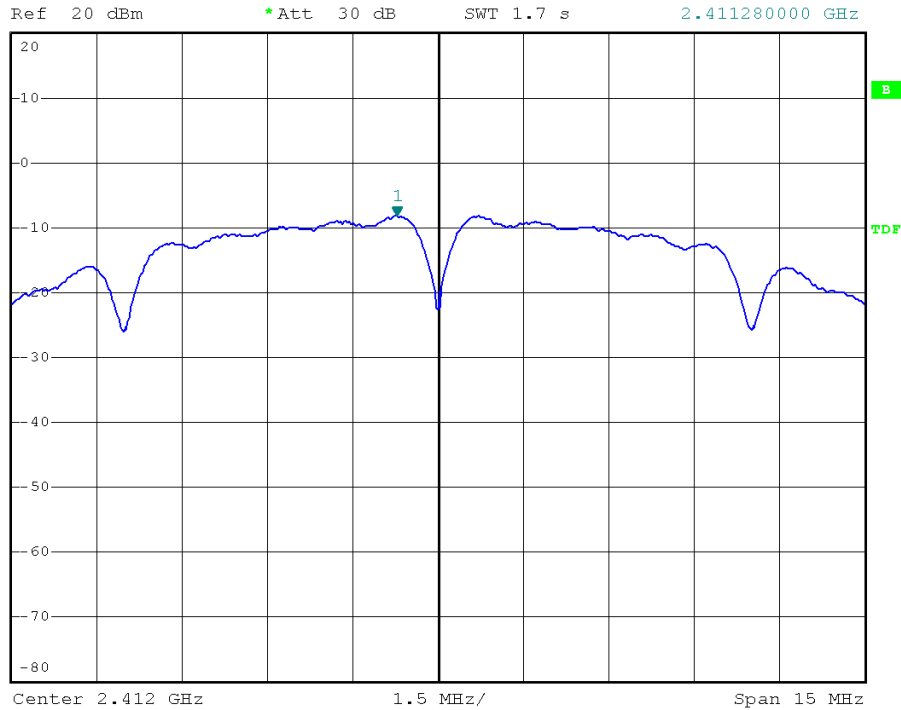




Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 01



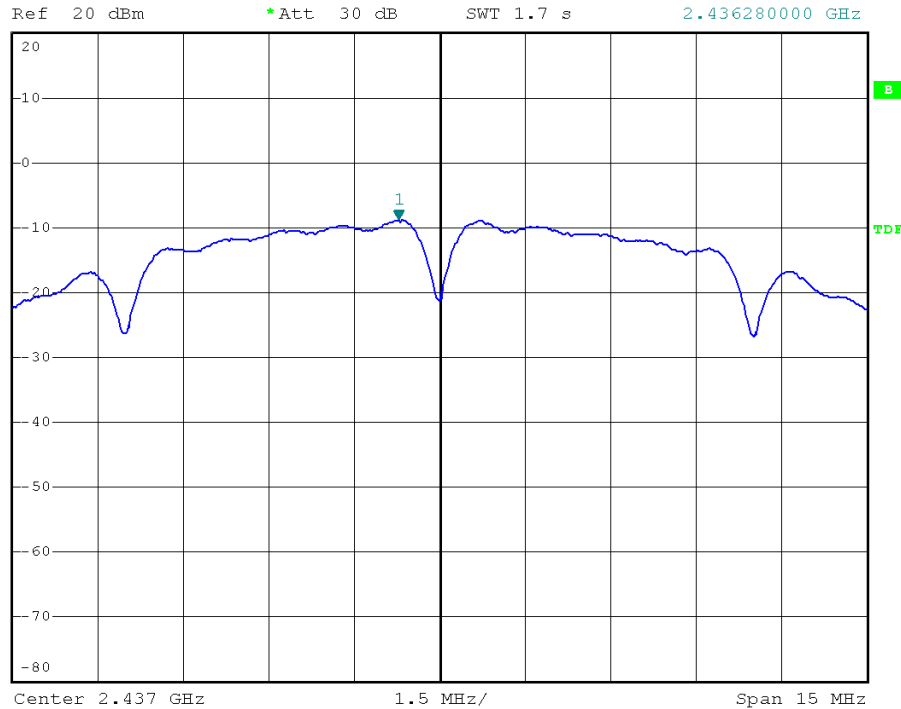
*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -8.16 dBm
SWT 1.7 s 2.411280000 GHz



Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 06

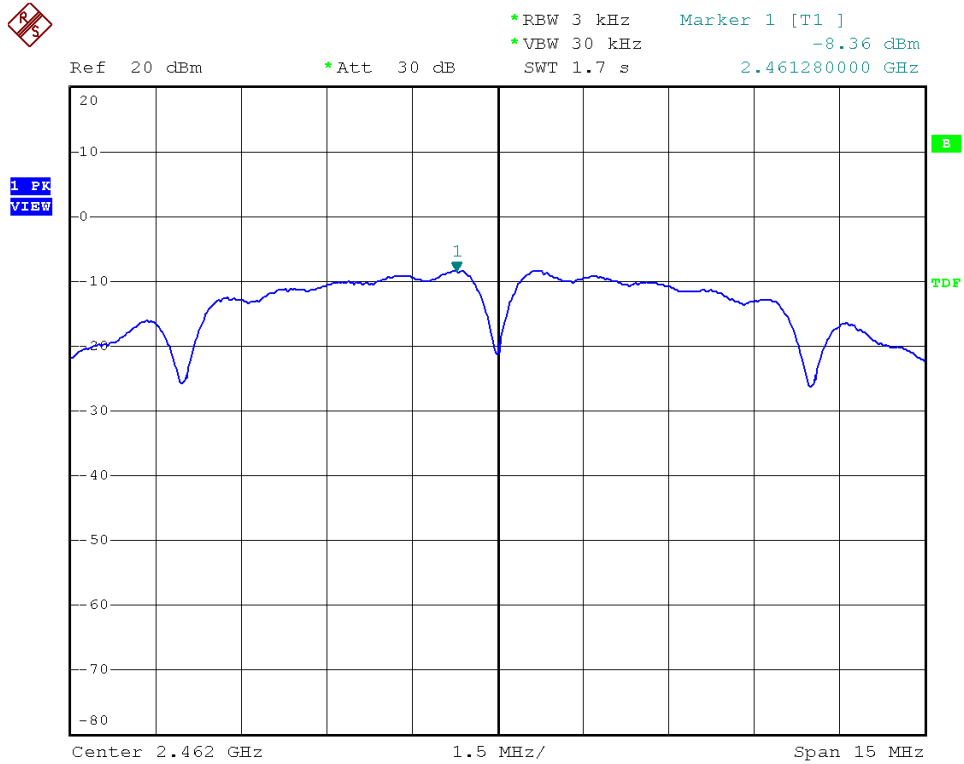


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -8.85 dBm
SWT 1.7 s 2.436280000 GHz

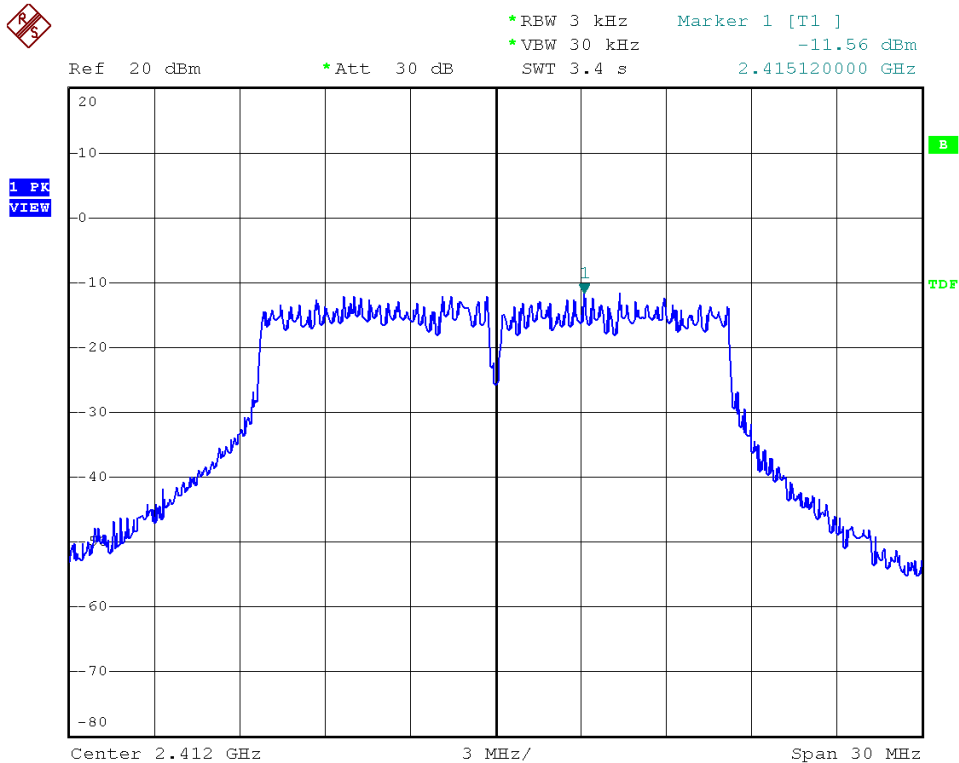




Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 11

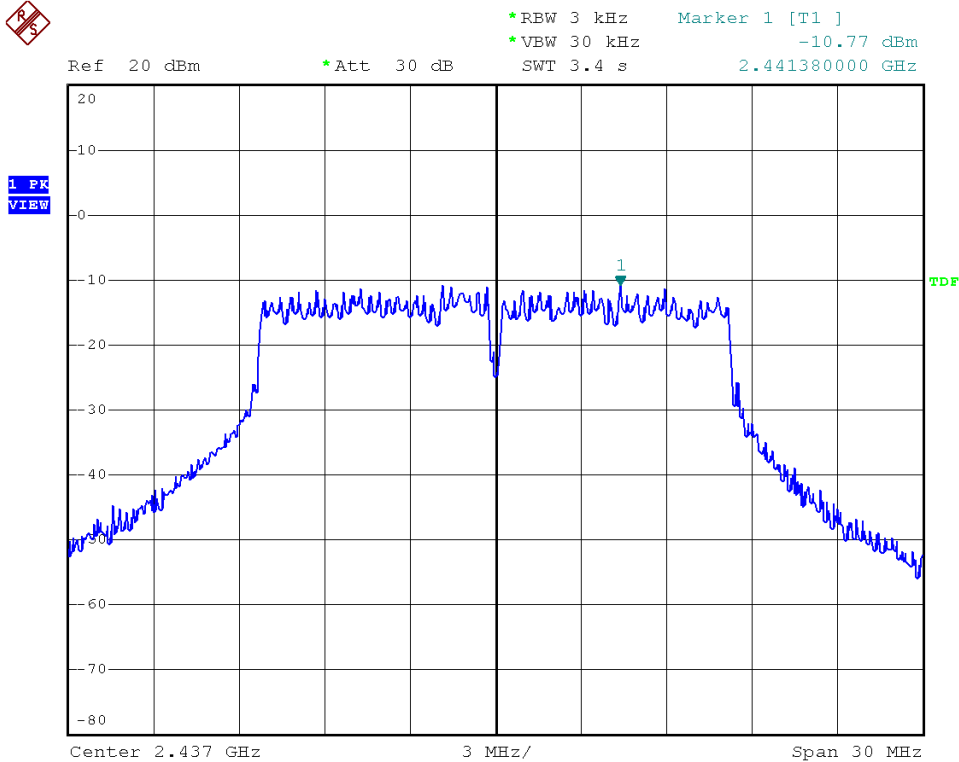


Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 01

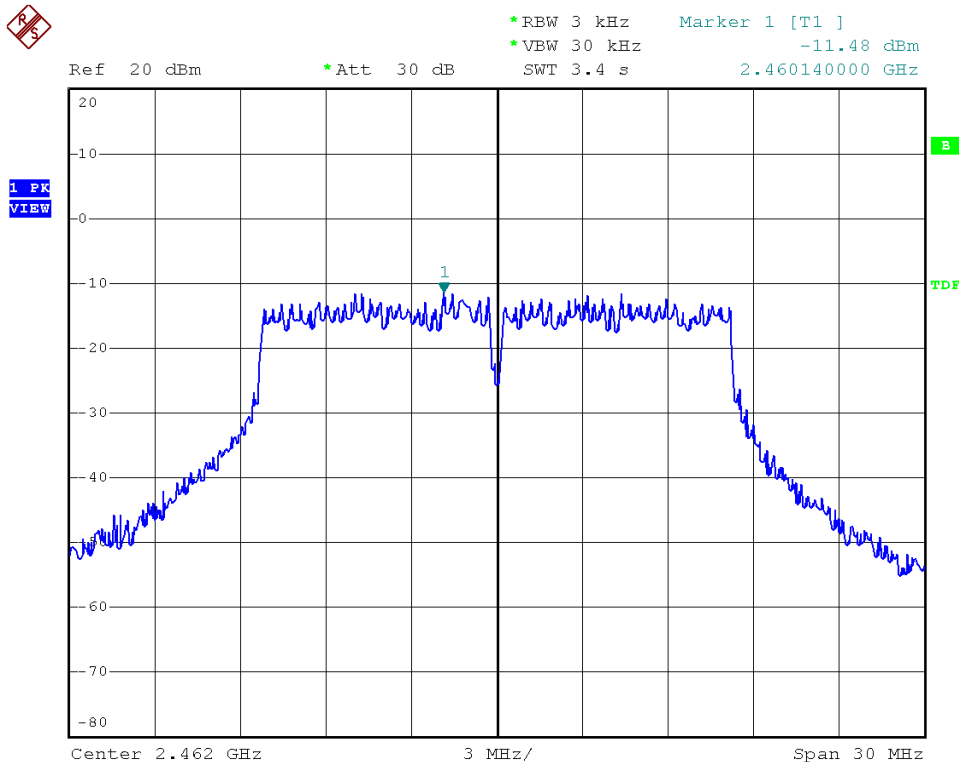




Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 06

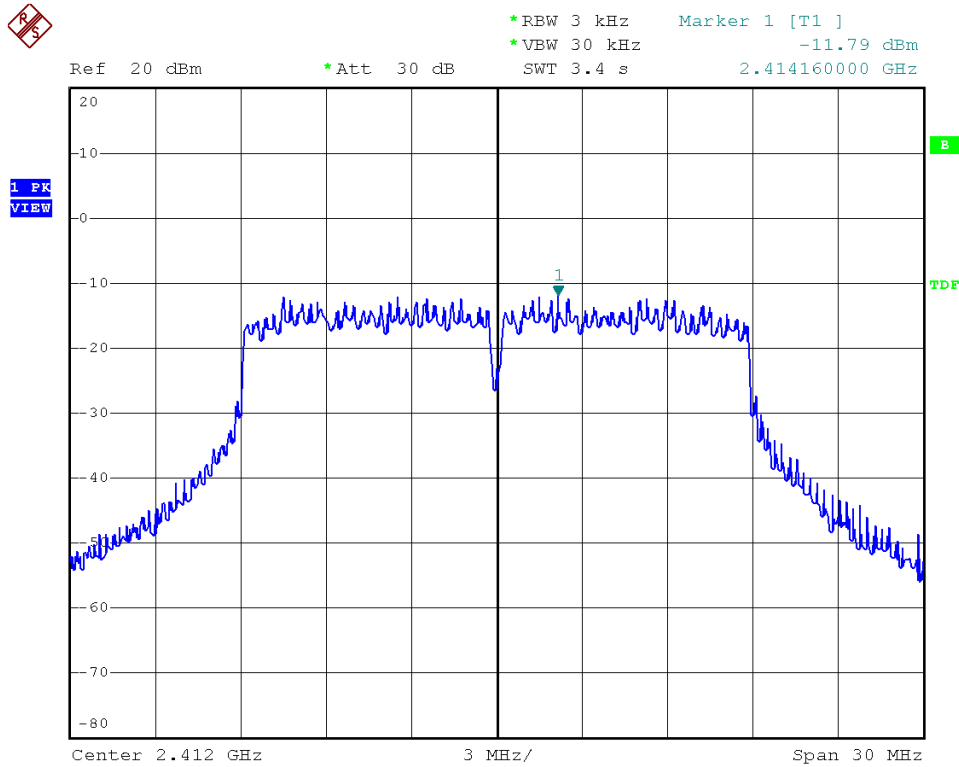


Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 11

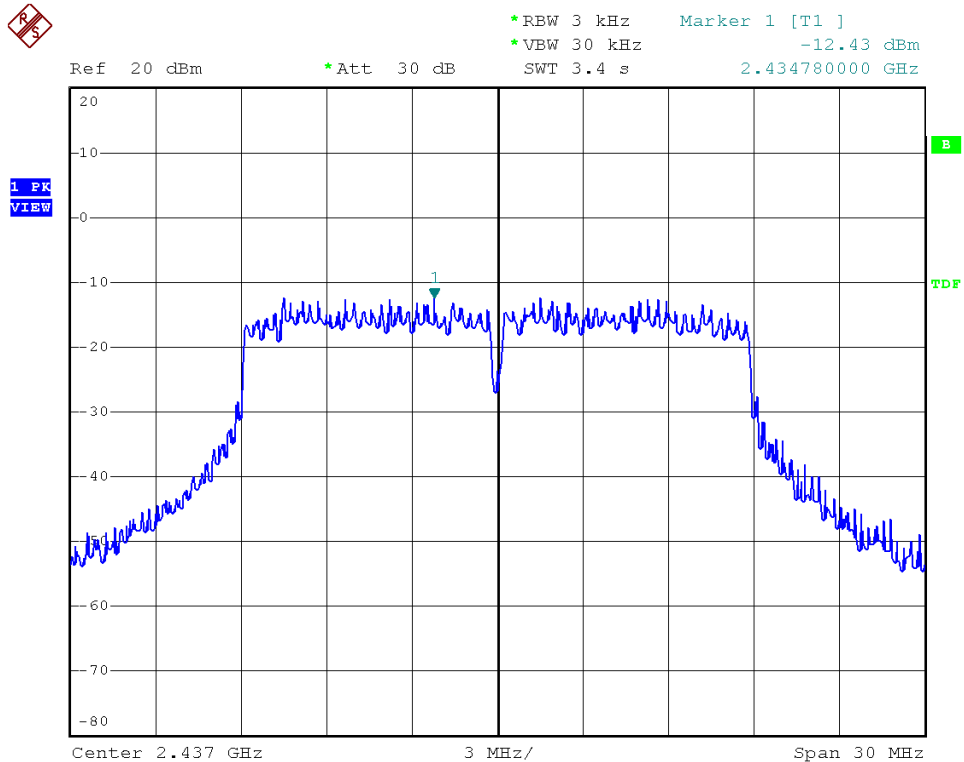




Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 01



Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 06

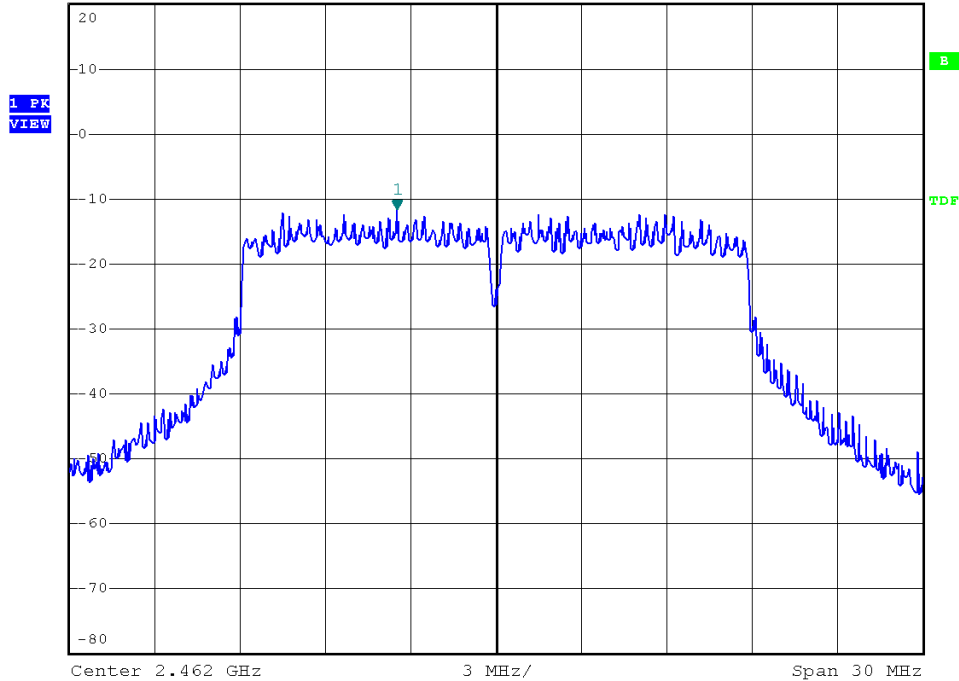




Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 11



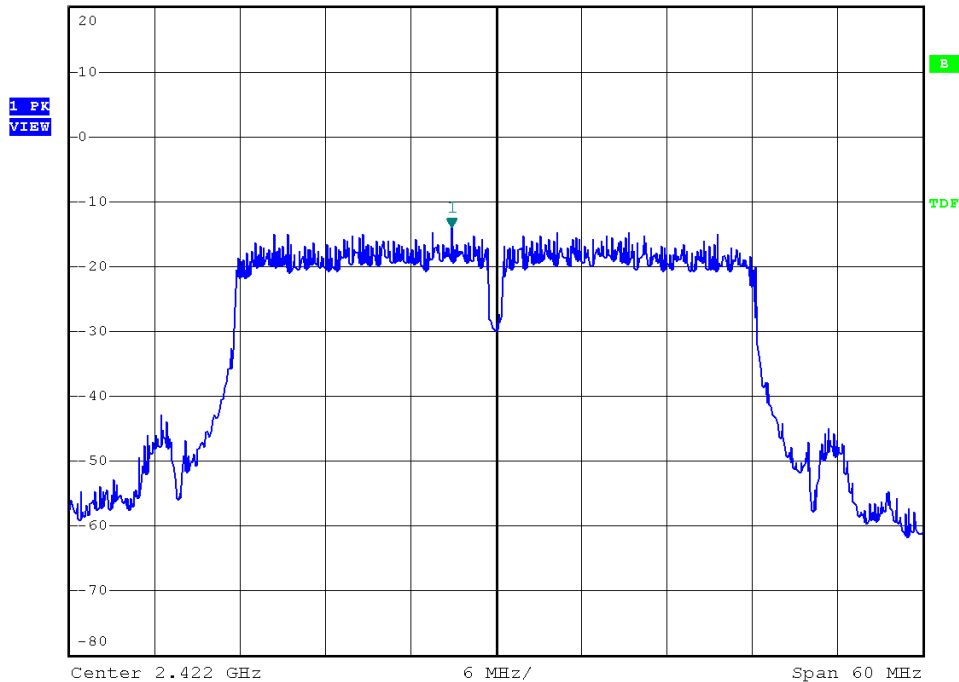
*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -11.67 dBm
Ref 20 dBm *Att 30 dB SWT 3.4 s 2.458520000 GHz



Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 03



*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -14.08 dBm
Ref 20 dBm *Att 30 dB SWT 6.8 s 2.418880000 GHz

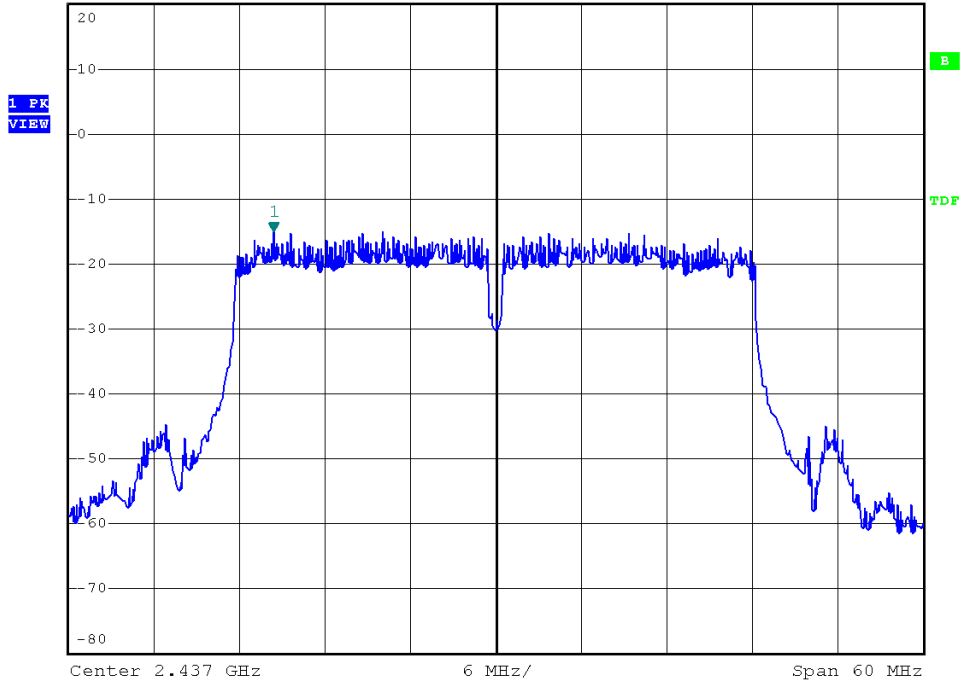




Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 06



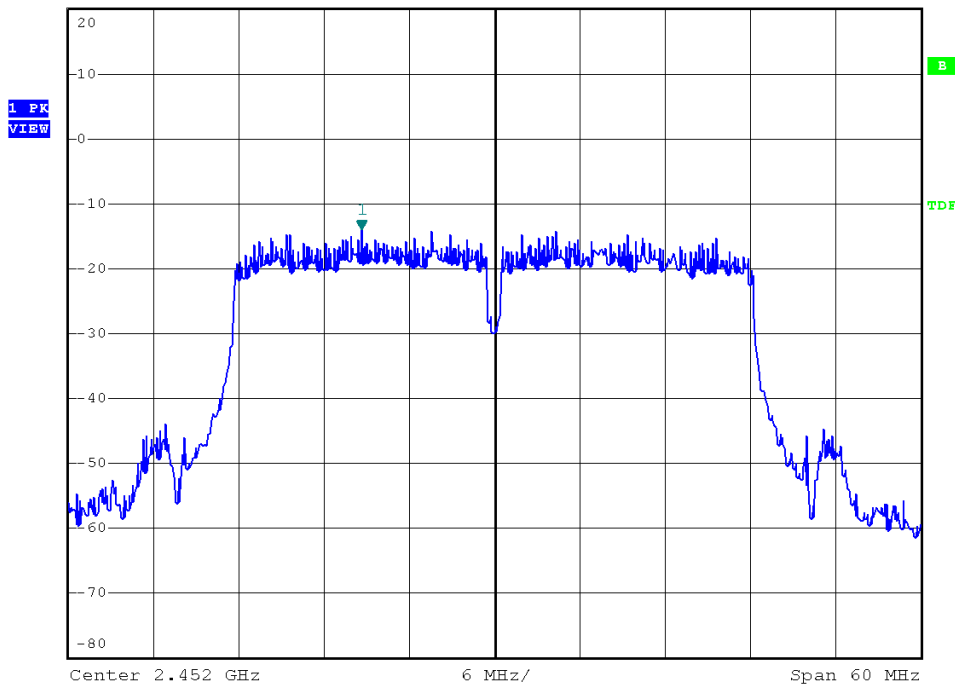
Ref 20 dBm *Att 30 dB *RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -15.01 dBm
SWT 6.8 s 2.421400000 GHz



Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 09



Ref 20 dBm *Att 30 dB *RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -14.11 dBm
SWT 6.8 s 2.442640000 GHz





9. Band Edges Measurement

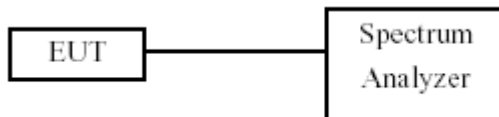
9.1 Test Limit

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

9.2 Test Procedure

- The transmitter output was connected to the spectrum analyzer via a low lose cable.
- Set both RBW and VBW of spectrum analyzer to 100 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- 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	2013/03/15	2014/03/14

9.5 Test Result and Data

Test Date: Oct. 01, 2013

Temperature: 25°C

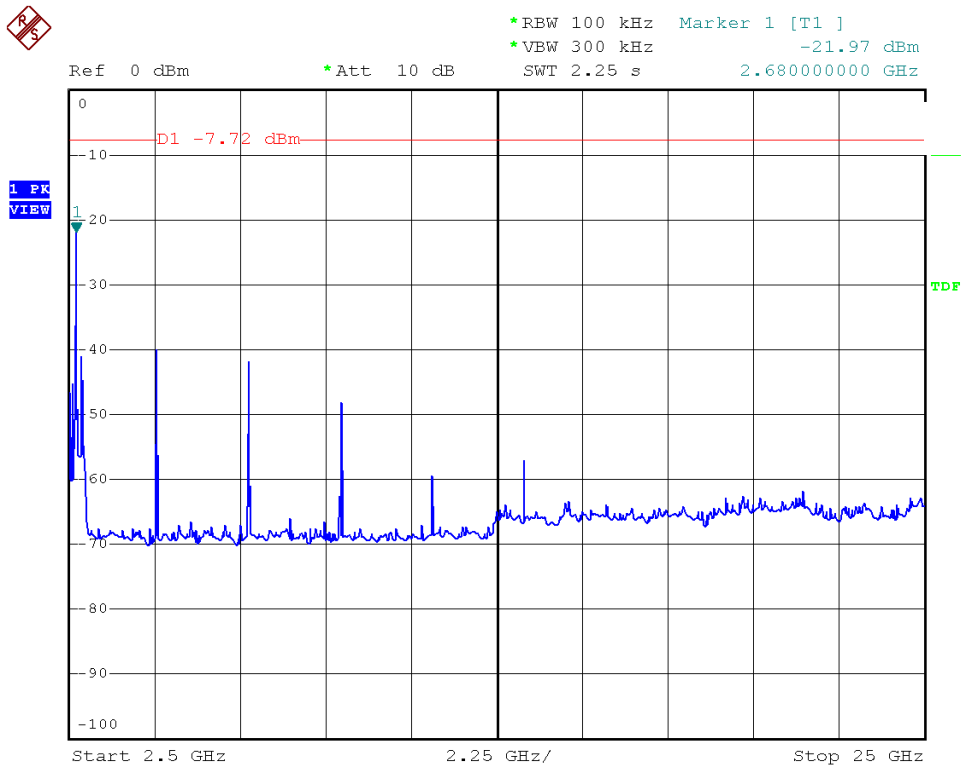
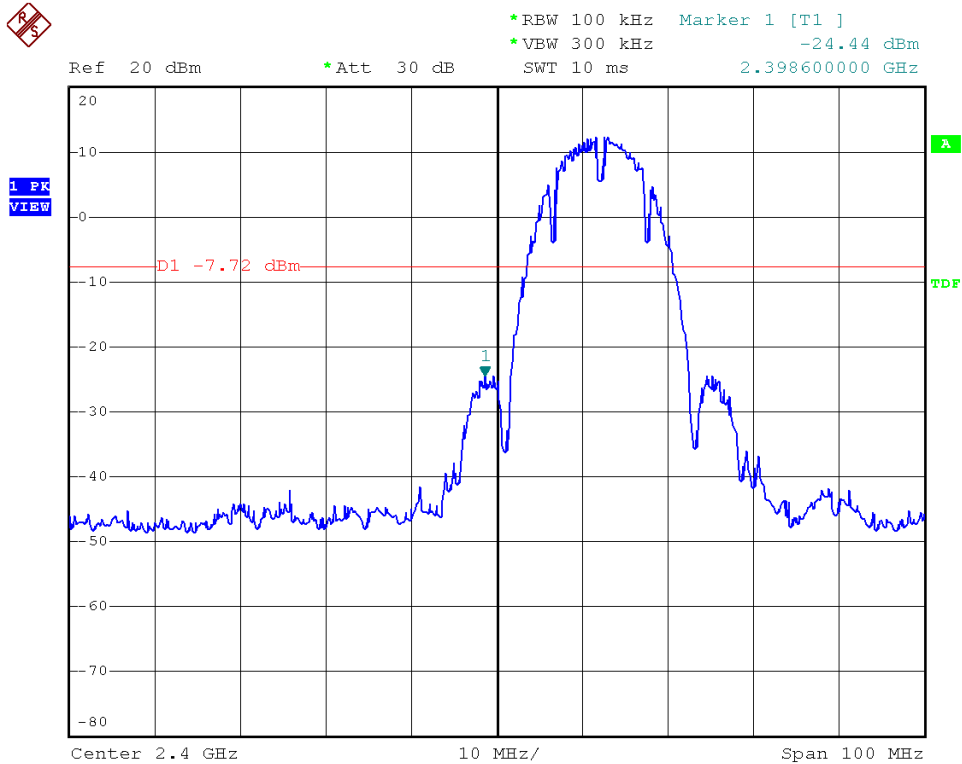
Atmospheric pressure: 1019 hPa

Humidity: 42%

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			ANT A	ANT B	ANT A	ANT B
802.11b (11Mbps)	01	2412	2680.00	2680.00	-21.97	-26.51
	11	2462	2860.00	2860.00	-21.84	-23.64
802.11g (54Mbps)	01	2412	2400.00	2400.00	-29.66	-29.39
	11	2462	2590.00	2486.90	-42.66	-45.64
802.11n HT20 (130Mbps)	01	2412	2400.00	2400.00	-31.12	-31.27
	11	2462	2590.00	2484.90	-42.72	-44.06
802.11n HT40 (270Mbps)	03	2422	2398.20	2399.00	-30.54	-29.88
	09	2452	2590.00	2485.30	-43.63	-43.48



Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 01

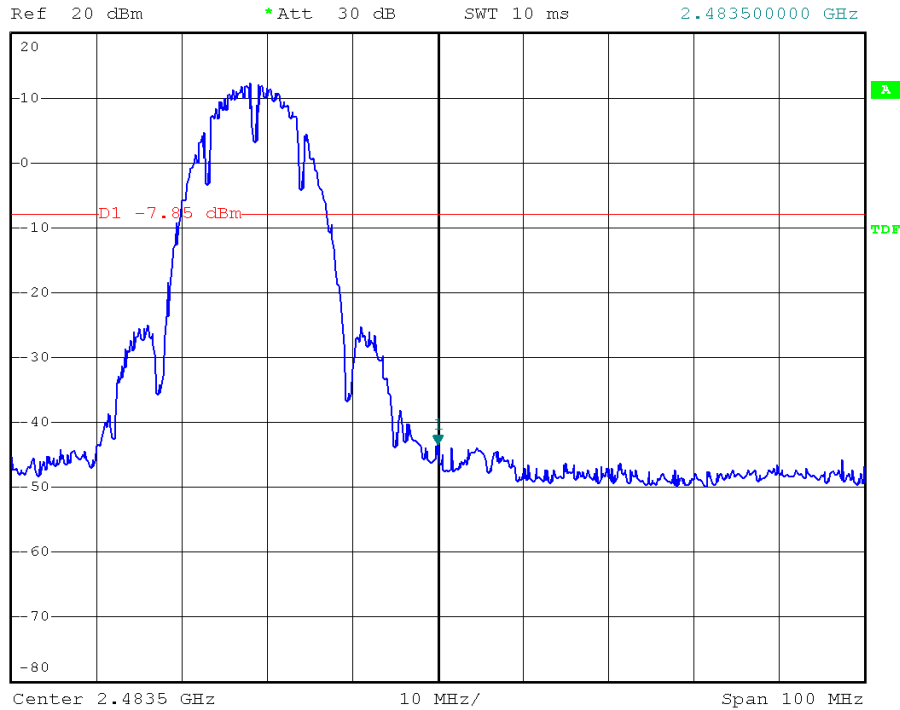




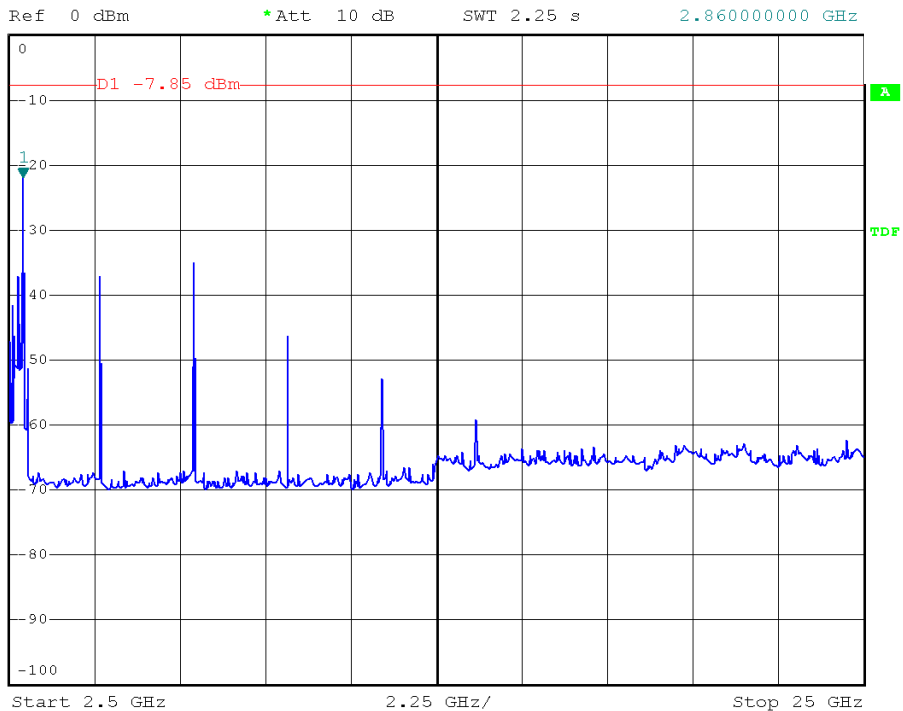
Modulation Standard: 802.11b (11Mbps), ANT A
Channel: 11



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -43.27 dBm
SWT 10 ms 2.483500000 GHz



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -21.84 dBm
SWT 2.25 s 2.860000000 GHz

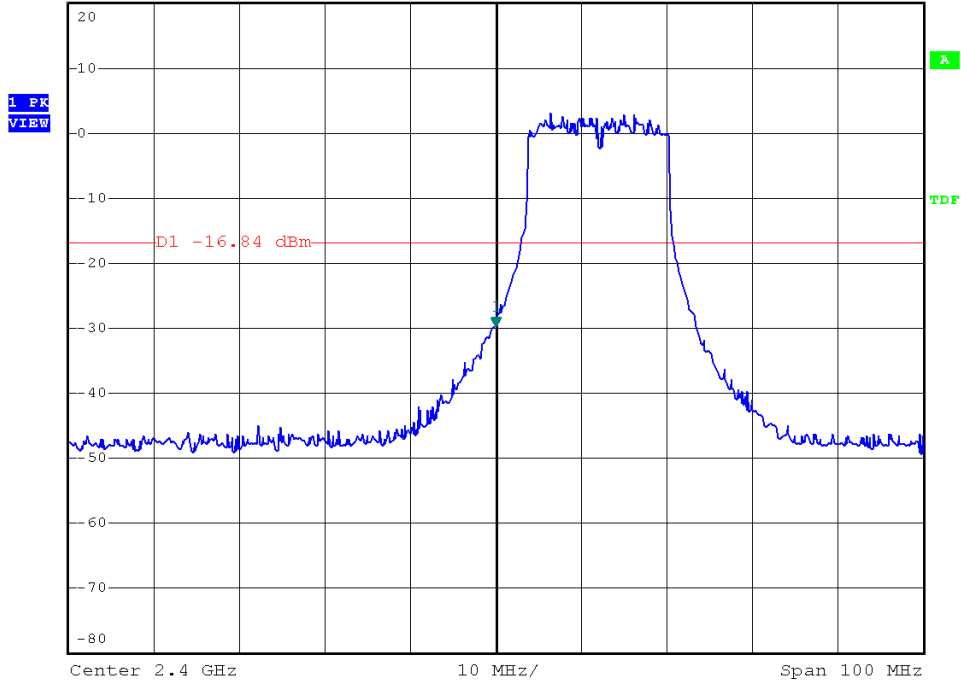




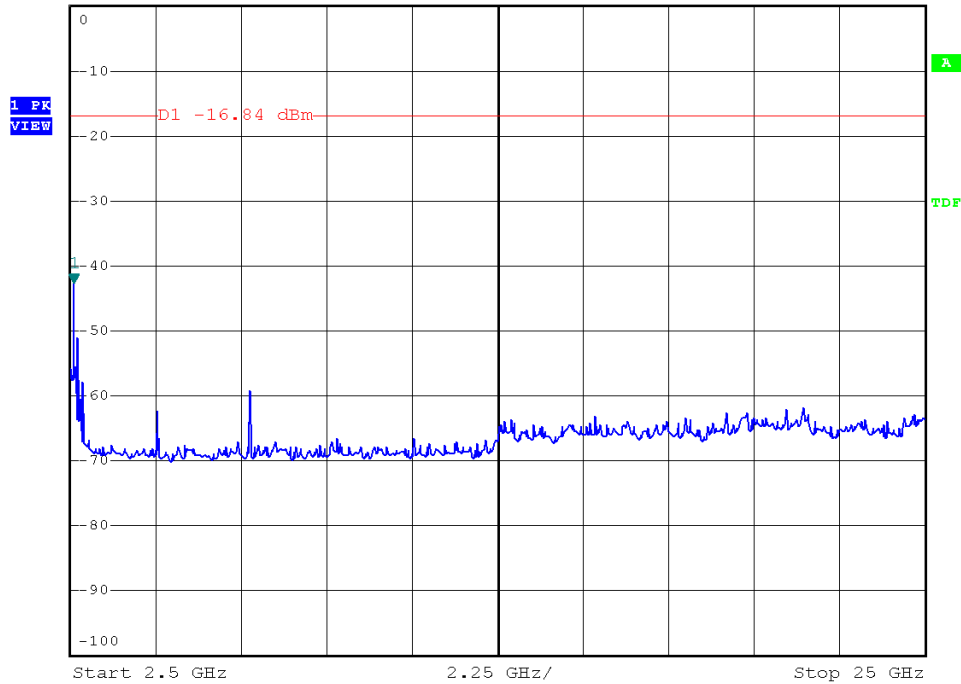
Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 01



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -29.66 dBm
SWT 10 ms 2.400000000 GHz



Ref 0 dBm *Att 10 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -42.53 dBm
SWT 2.25 s 2.590000000 GHz

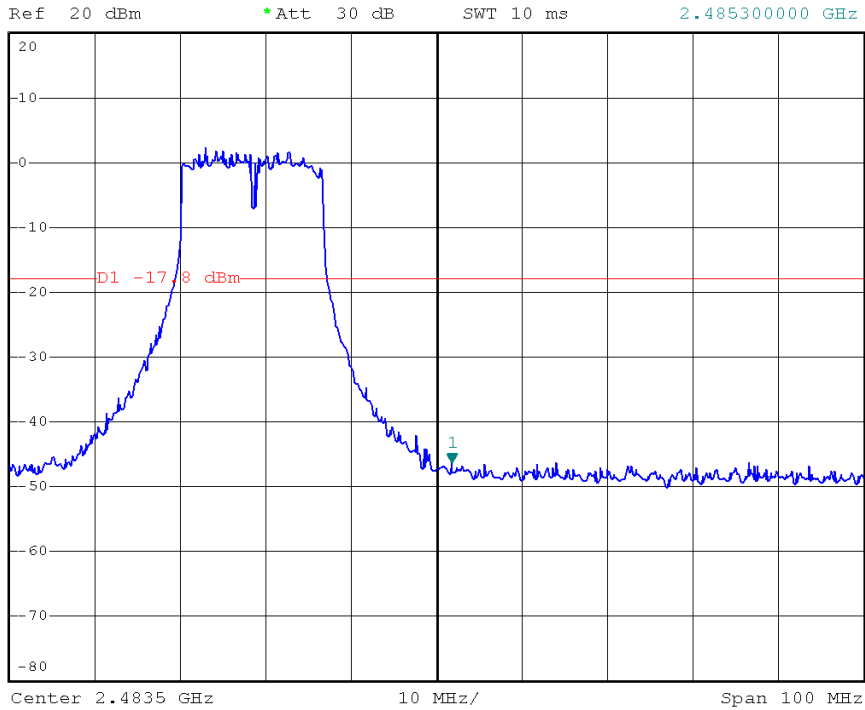




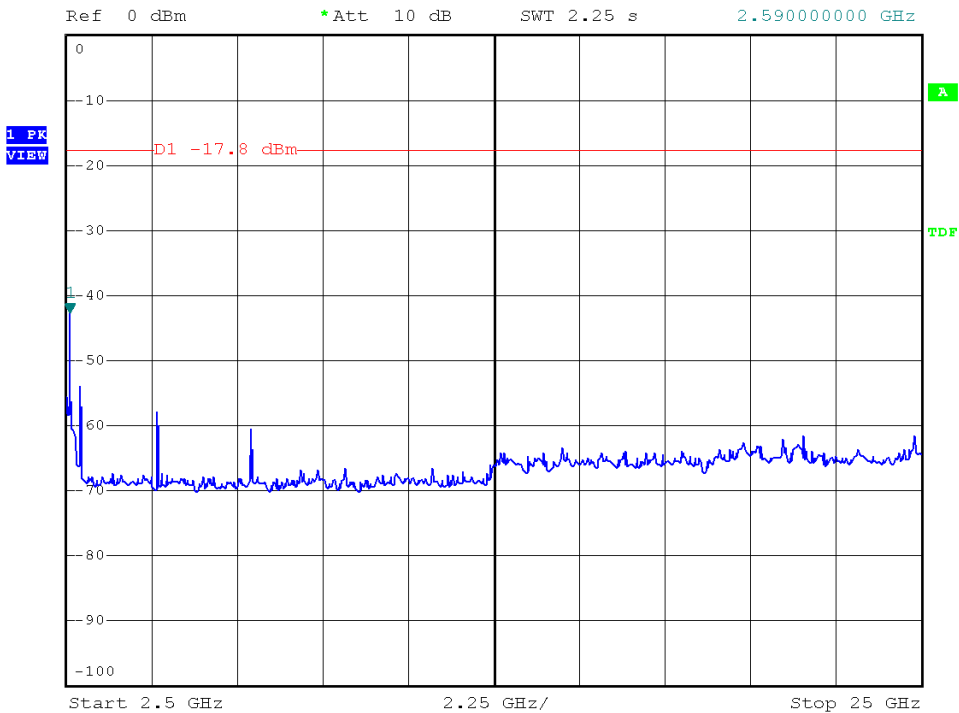
Modulation Standard: 802.11g (54Mbps), ANT A
Channel: 11



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -46.38 dBm
SWT 10 ms 2.485300000 GHz

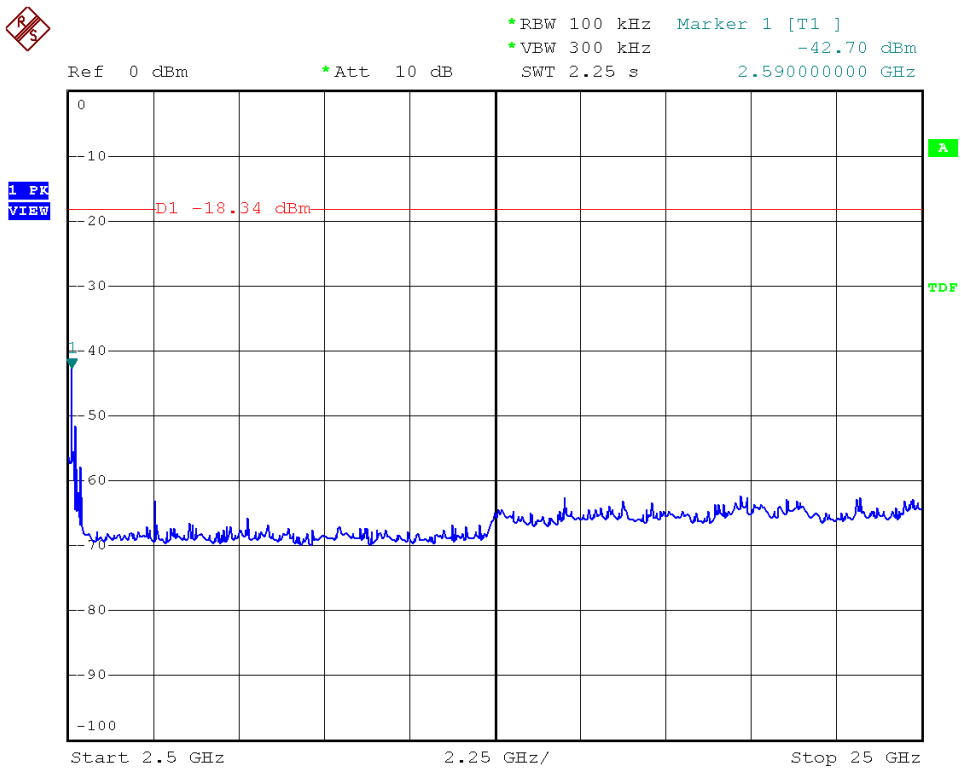
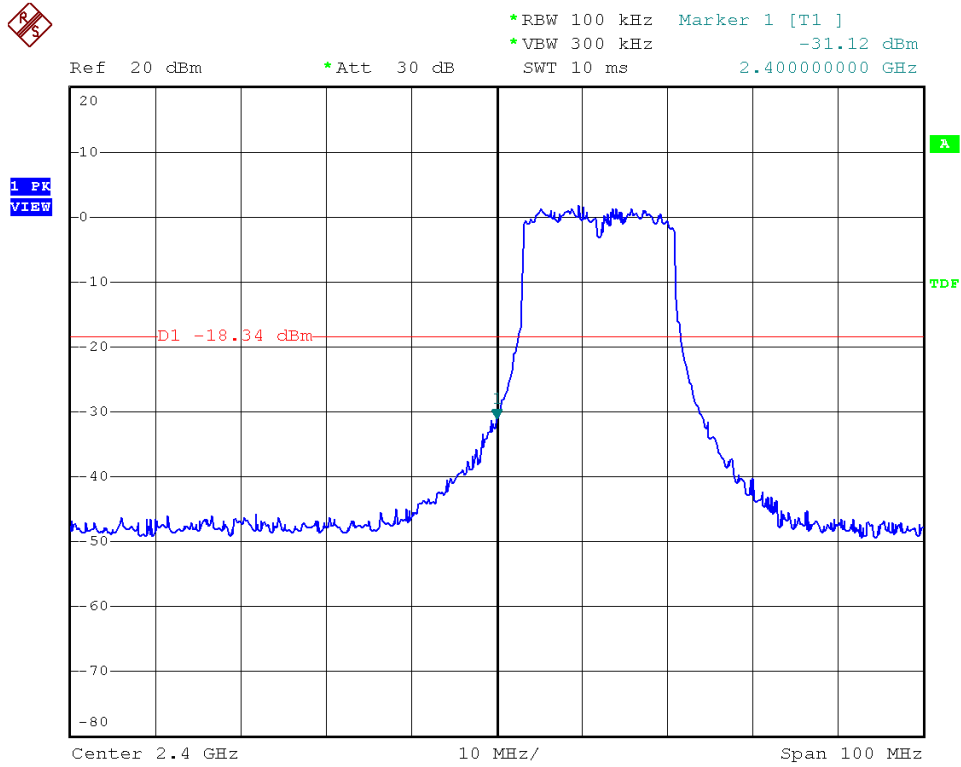


*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -42.66 dBm
SWT 2.25 s 2.590000000 GHz





Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 01

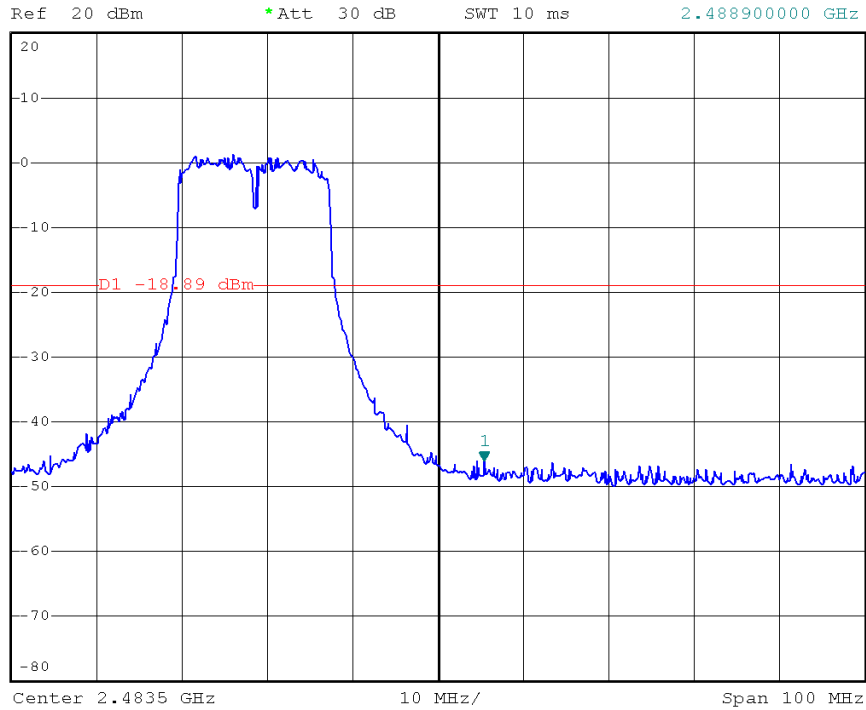




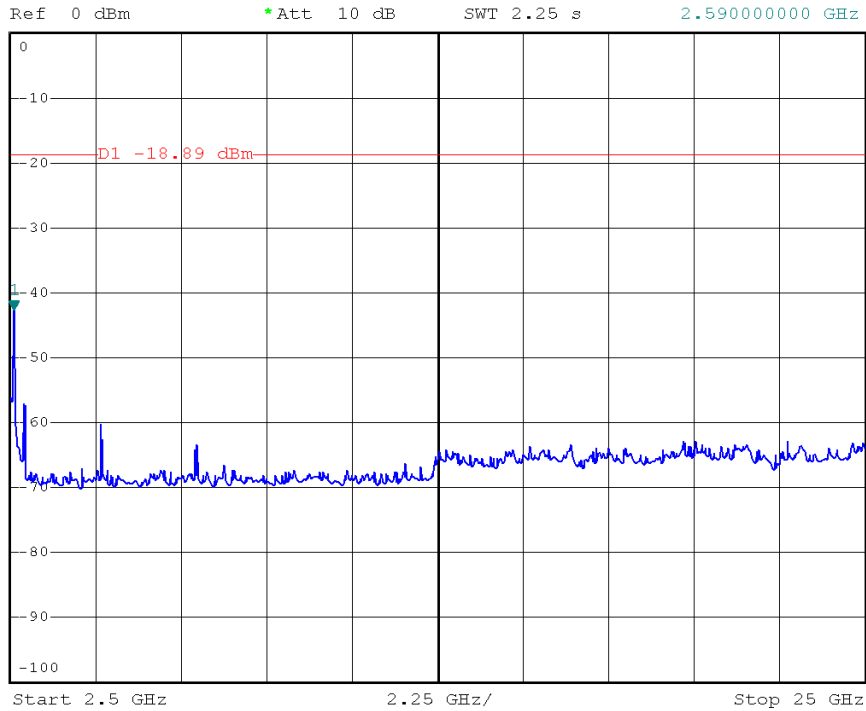
Modulation Standard: 802.11n HT20 (130Mbps), ANT A
Channel: 11



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -45.90 dBm
SWT 10 ms 2.488900000 GHz



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -42.72 dBm
SWT 2.25 s 2.590000000 GHz

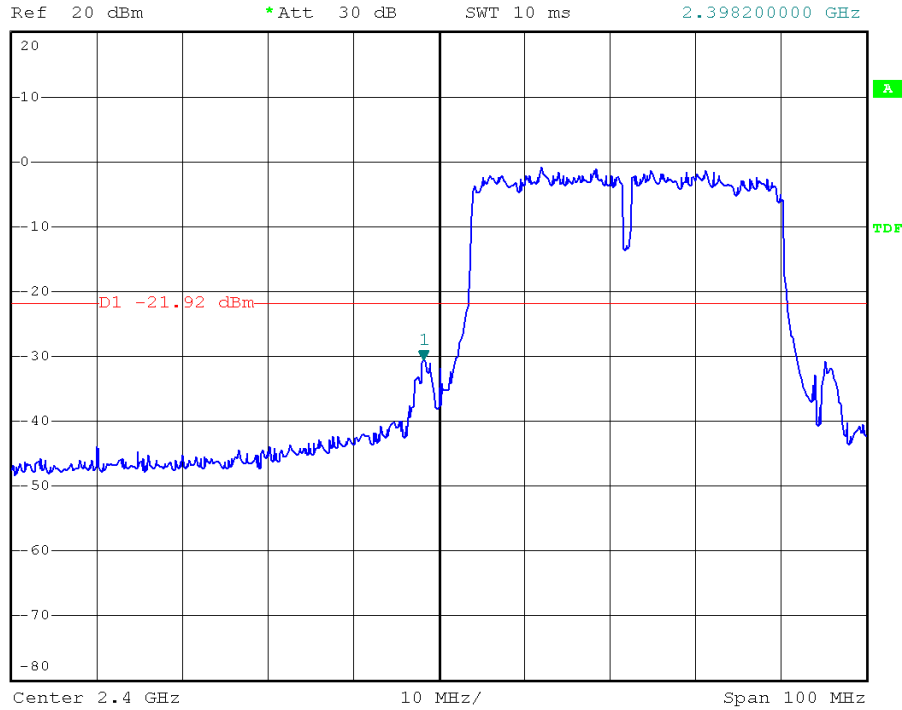




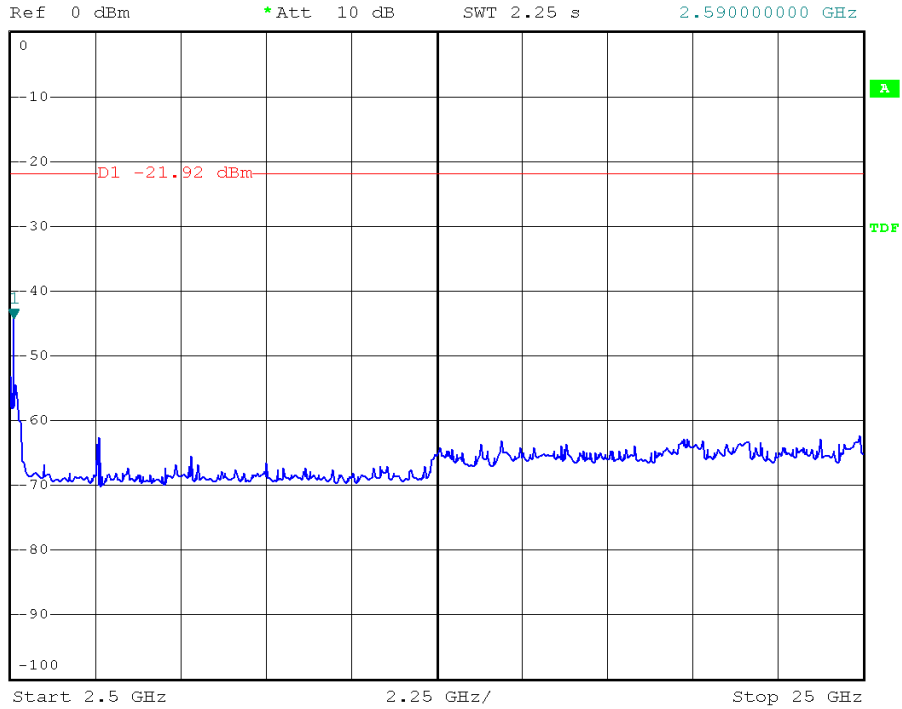
Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 03



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -30.54 dBm
SWT 10 ms 2.398200000 GHz

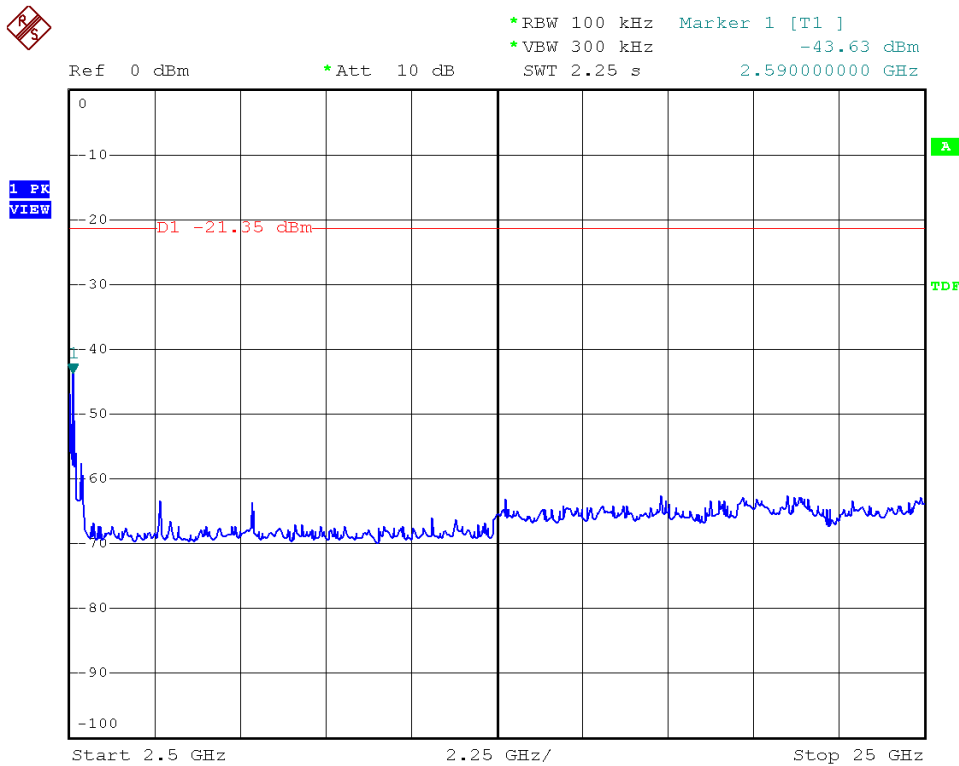
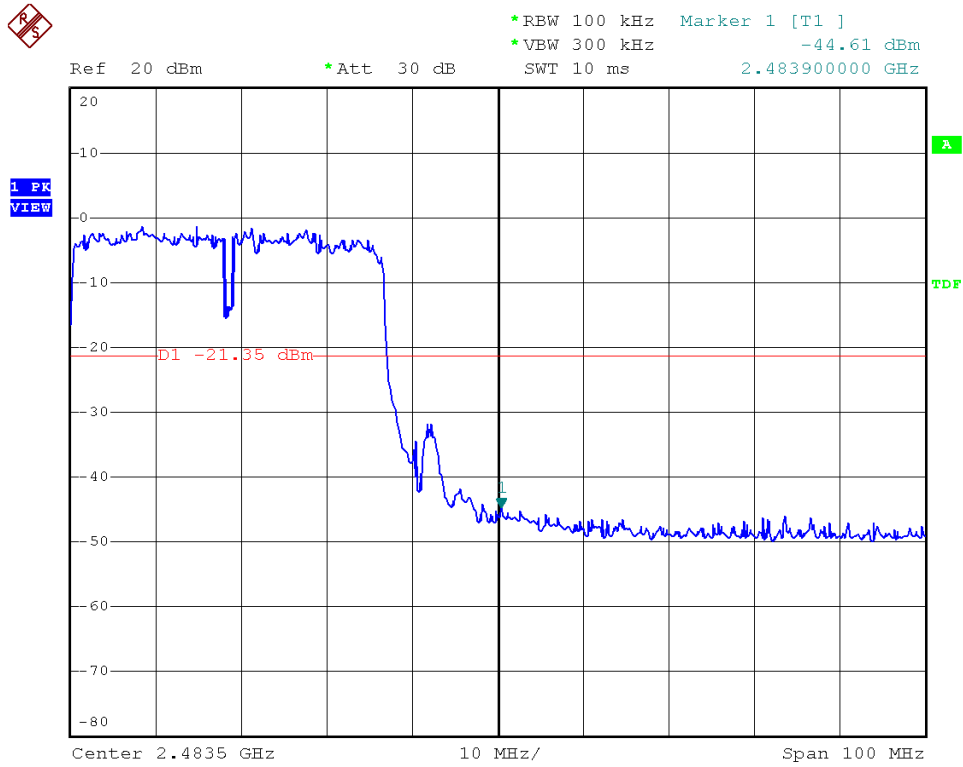


*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -44.12 dBm
SWT 2.25 s 2.590000000 GHz





Modulation Standard: 802.11n HT40 (270Mbps), ANT A
Channel: 09

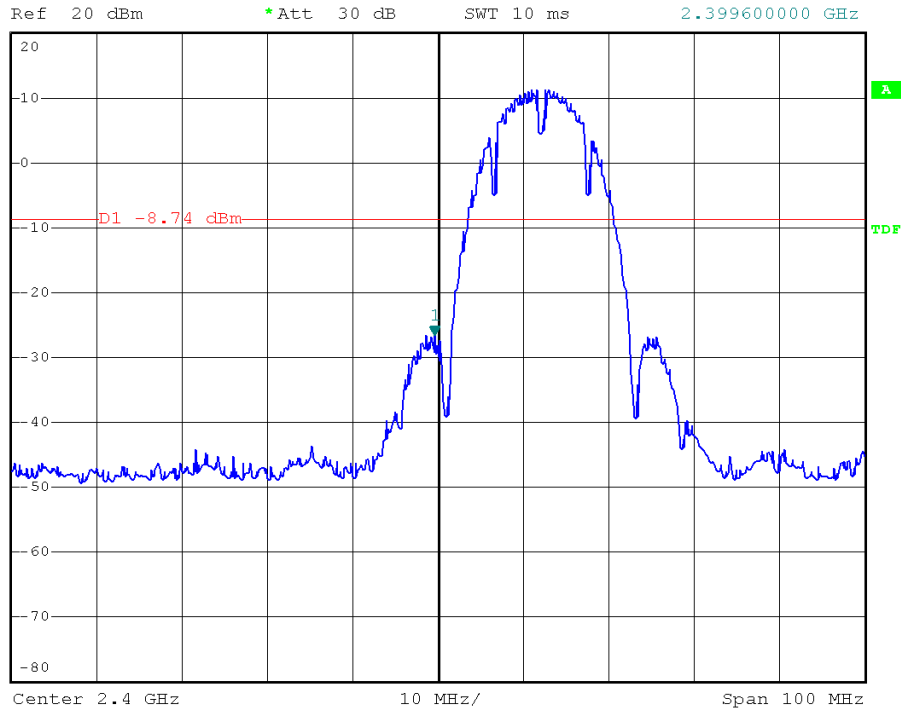




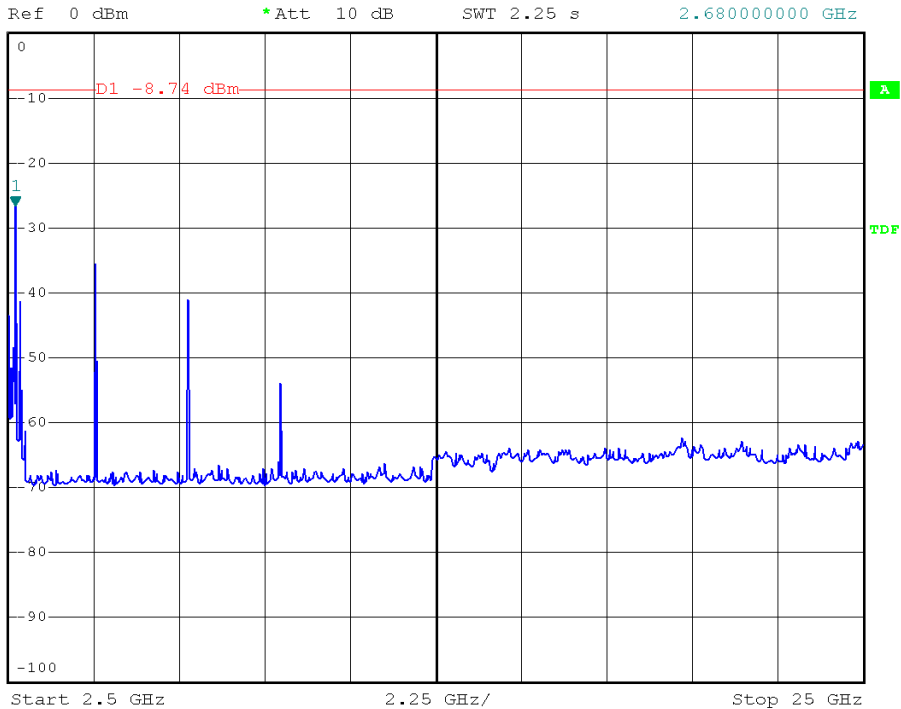
Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 01



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -26.55 dBm
SWT 10 ms 2.399600000 GHz



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -26.51 dBm
SWT 2.25 s 2.680000000 GHz

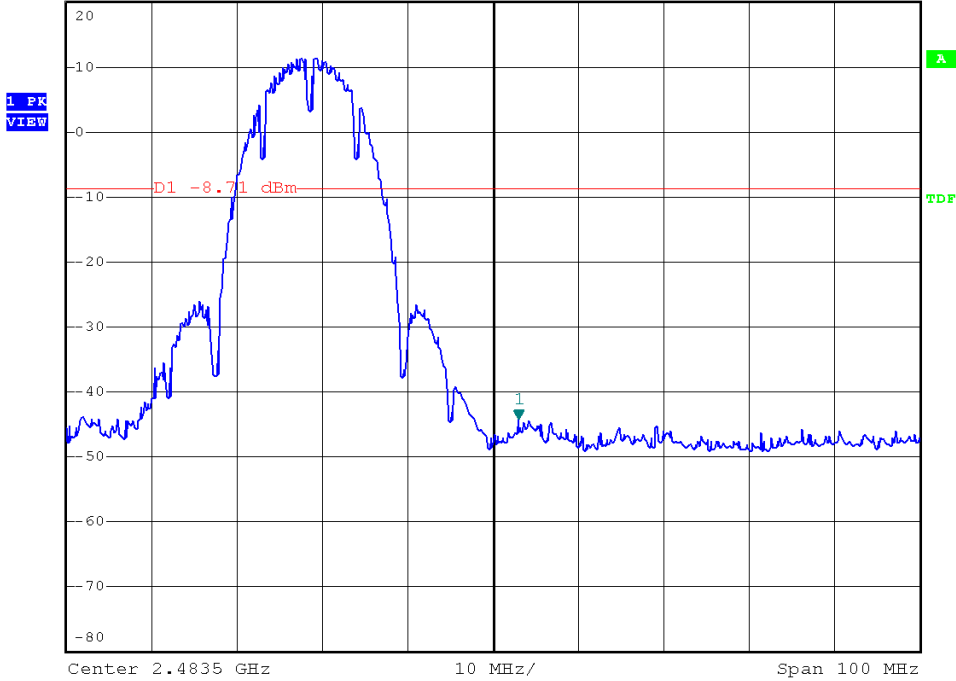




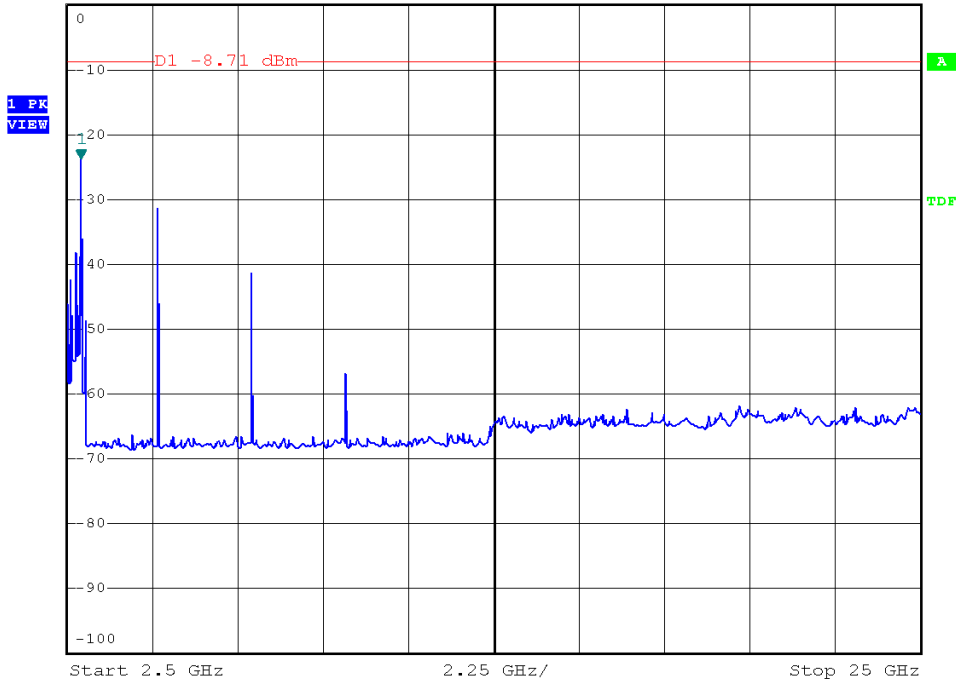
Modulation Standard: 802.11b (11Mbps), ANT B
Channel: 11



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -44.11 dBm
Ref 20 dBm *Att 30 dB SWT 10 ms 2.486500000 GHz



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -23.64 dBm
Ref 0 dBm *Att 10 dB SWT 2.25 s 2.860000000 GHz

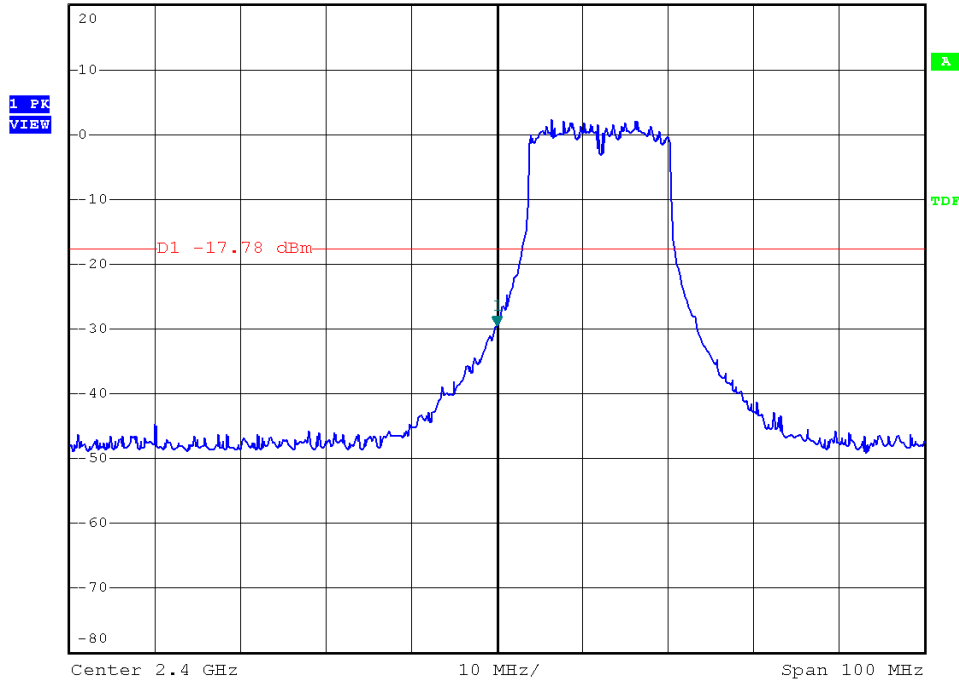




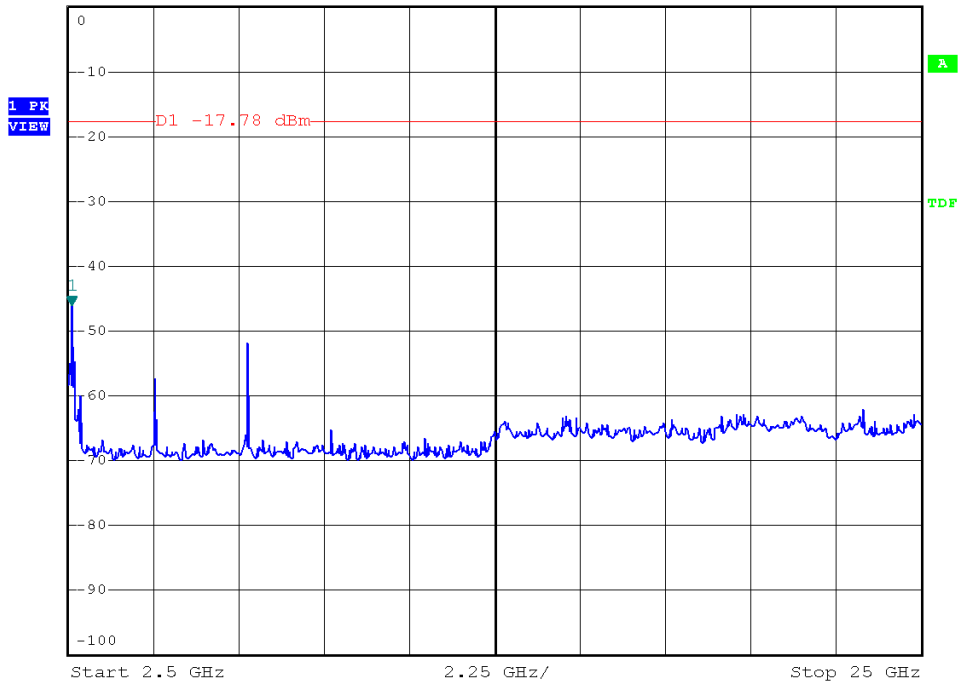
Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 01



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -29.39 dBm
SWT 10 ms 2.400000000 GHz



Ref 0 dBm *Att 10 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -46.01 dBm
SWT 2.25 s 2.590000000 GHz

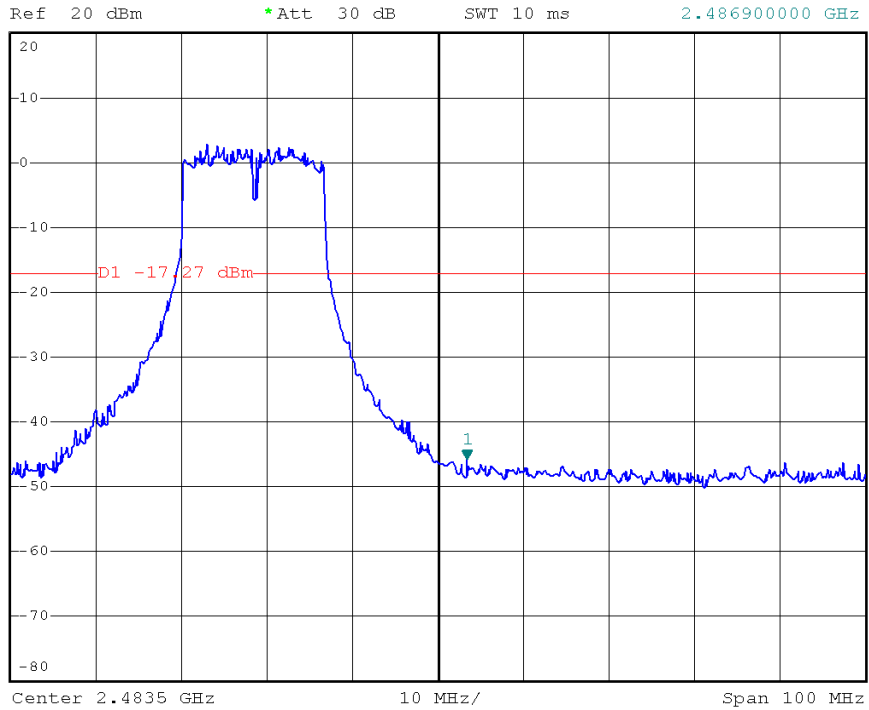




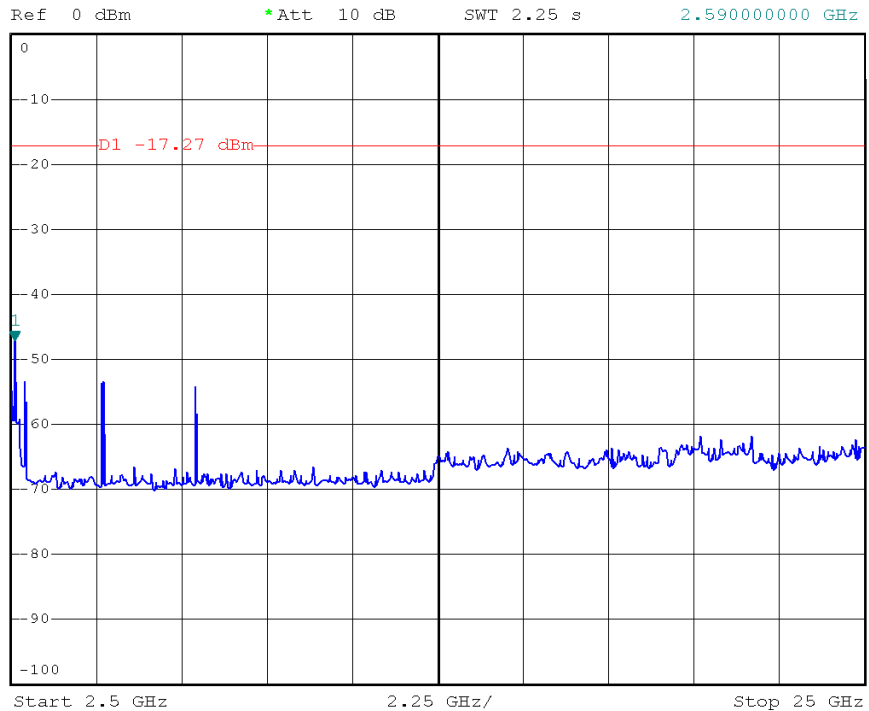
Modulation Standard: 802.11g (54Mbps), ANT B
Channel: 11



*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -45.64 dBm
SWT 10 ms 2.486900000 GHz

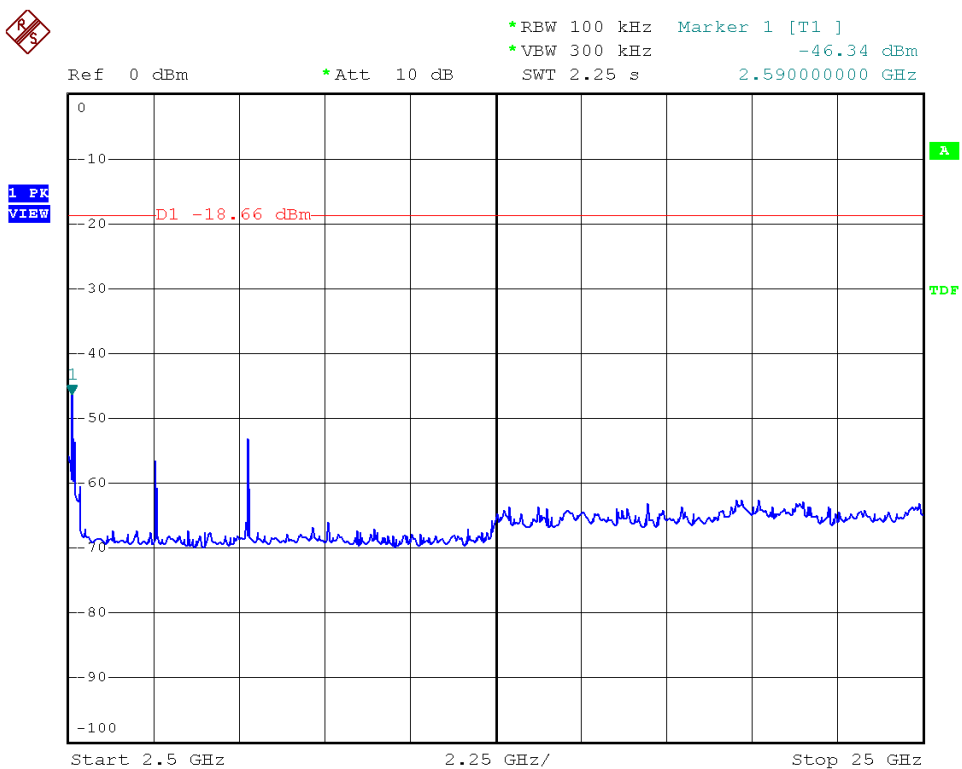
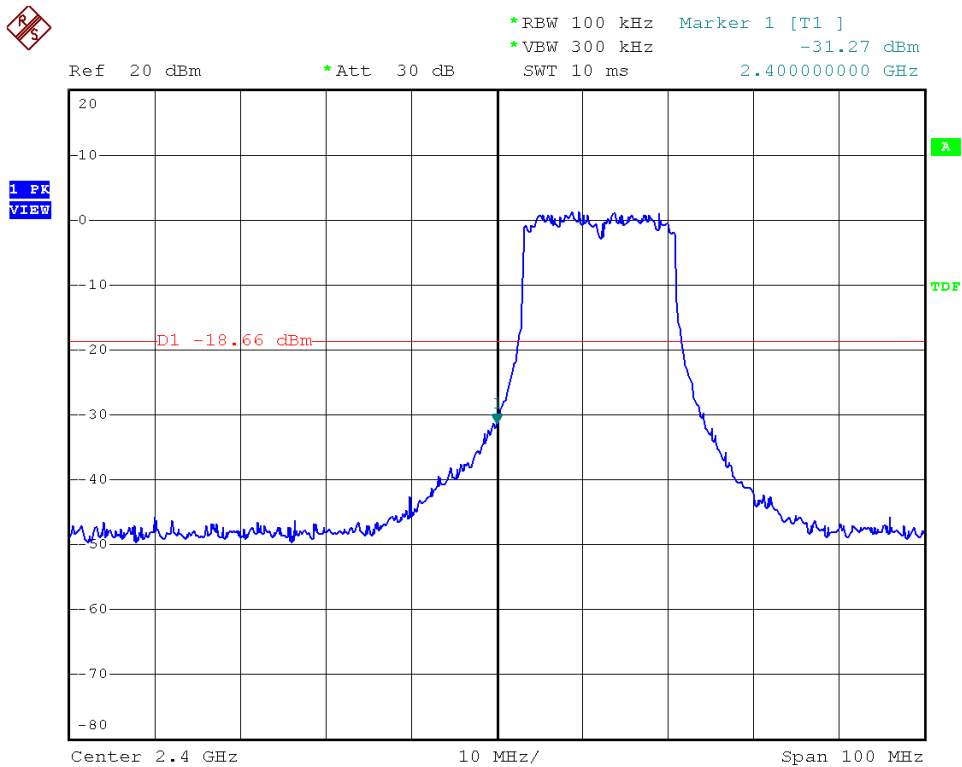


*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -47.07 dBm
SWT 2.25 s 2.590000000 GHz





Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 01

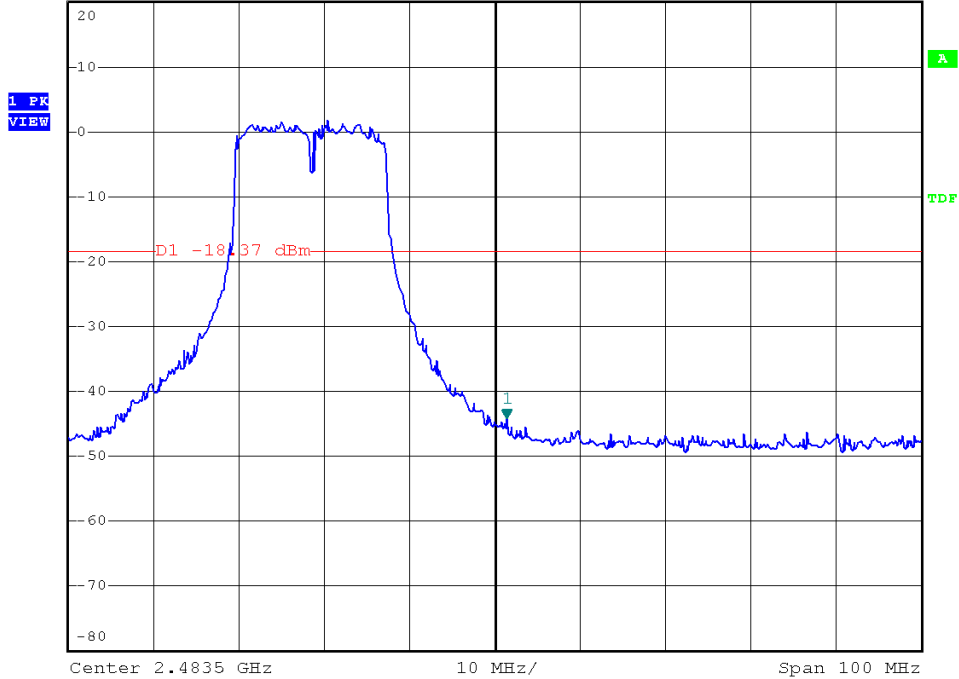




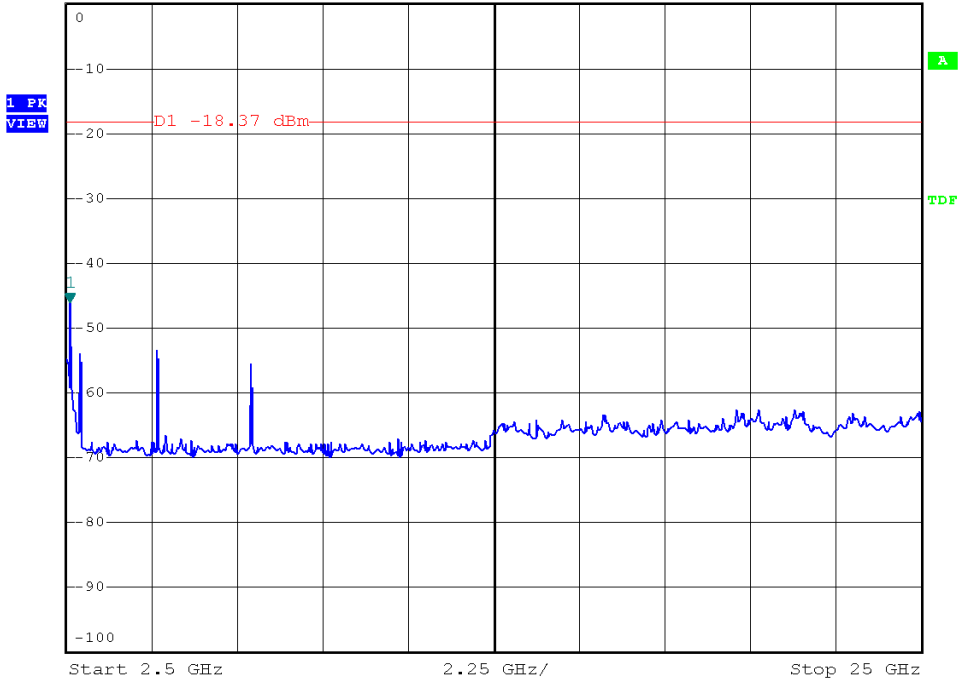
Modulation Standard: 802.11n HT20 (130Mbps), ANT B
Channel: 11



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -44.06 dBm
SWT 10 ms 2.484900000 GHz

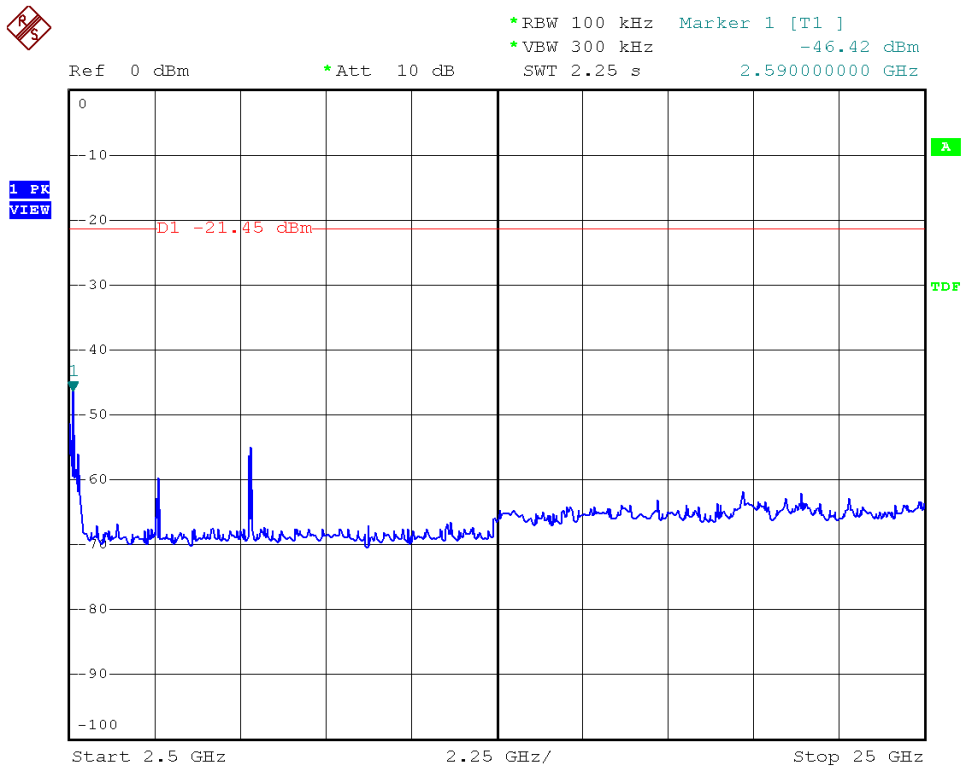
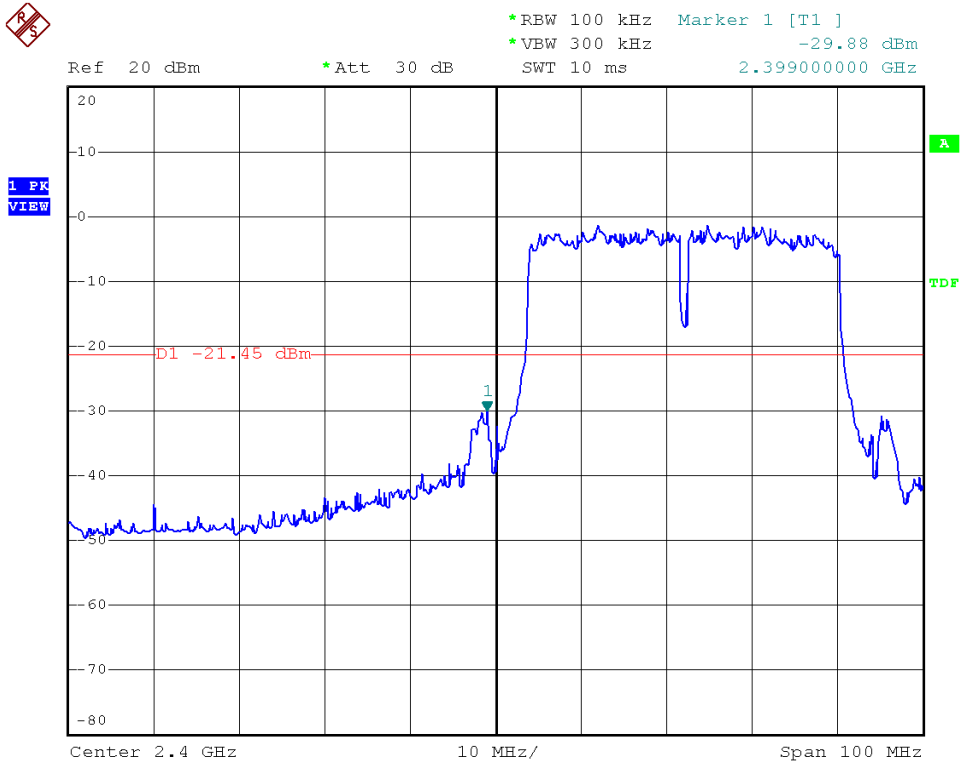


Ref 0 dBm *Att 10 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -46.09 dBm
SWT 2.25 s 2.590000000 GHz



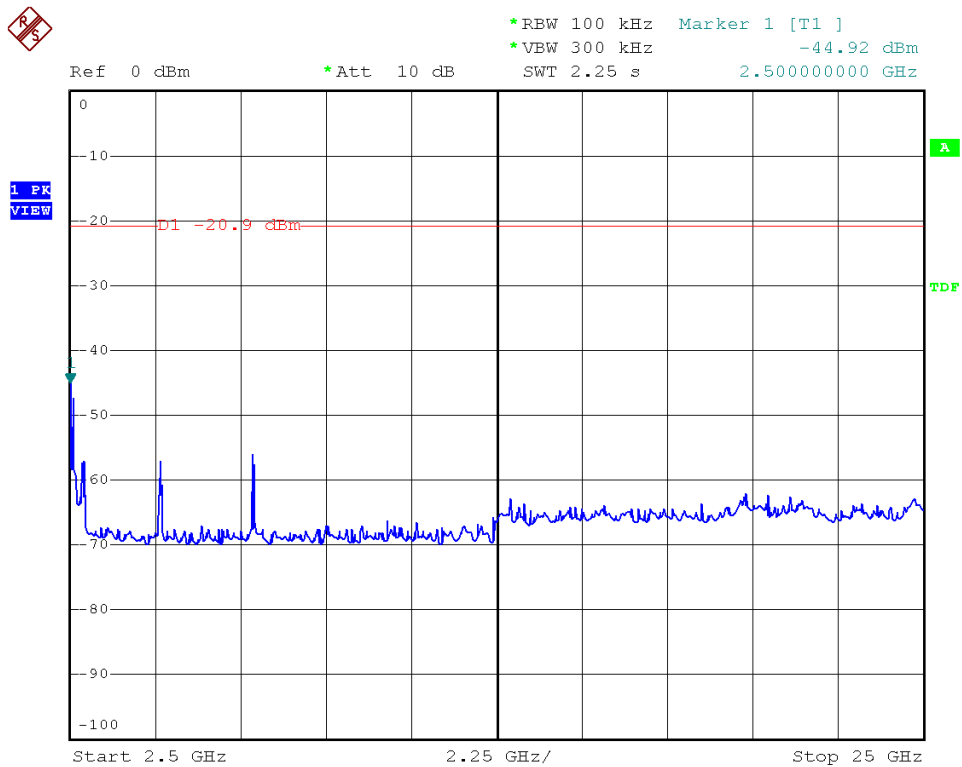
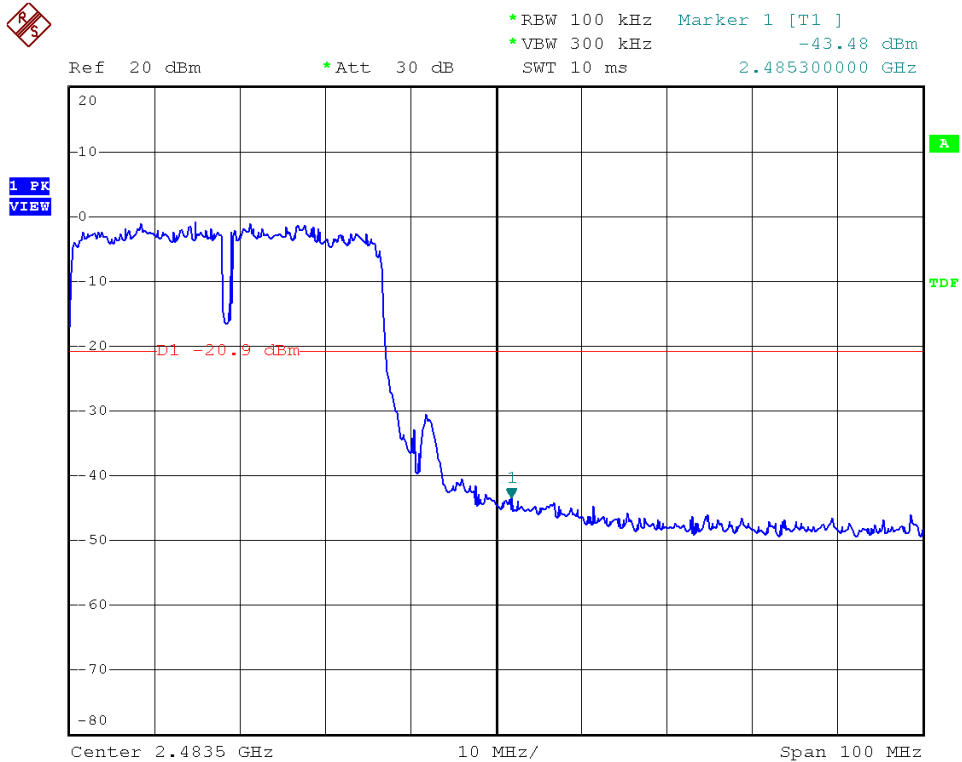


Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 03





Modulation Standard: 802.11n HT40 (270Mbps), ANT B
Channel: 09





9.6 Restrict Band Emission Measurement Data

Test Date: Oct. 04, 2013

Temperature: 25 °C

Atmospheric pressure: 1017 hPa

Humidity: 65 %

Modulation Standard: IEEE 802.11b (11Mbps)

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			
2367.32	H	59.50	1.71	61.21	Peak	74	54	-12.79	181	1.00
2366.61	H	46.65	1.71	48.36	Ave	74	54	-5.64	181	1.00
2330.20	V	60.93	3.25	64.18	Peak	74	54	-9.82	174	1.00
2332.44	V	50.14	3.20	53.34	Ave	74	54	-0.66	174	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			
2494.76	H	59.05	0.43	59.48	Peak	74	54	-14.52	242	1.00
2483.66	H	46.96	0.59	47.55	Ave	74	54	-6.45	242	1.00
2487.84	V	63.28	-2.27	61.01	Peak	74	54	-12.99	235	1.00
2484.80	V	52.10	-2.11	49.99	Ave	74	54	-4.01	235	1.00

Modulation Standard: IEEE 802.11g (54Mbps)

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			
2340.09	H	58.65	2.13	60.78	Peak	74	54	-13.22	205	1.00
2388.80	H	46.71	1.93	48.64	Ave	74	54	-5.36	205	1.00
2389.87	V	66.40	2.55	68.95	Peak	74	54	-5.05	233	1.00
2389.56	V	50.30	2.56	52.86	Ave	74	54	-1.14	233	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			
2491.72	H	58.91	0.47	59.38	Peak	74	54	-14.62	134	1.00
2483.76	H	47.18	0.59	47.77	Ave	74	54	-6.23	134	1.00
2484.34	V	54.32	-2.09	68.33	Peak	74	54	-5.67	114	1.00
2483.85	V	70.42	-2.07	52.25	Ave	74	54	-1.75	114	1.00



Modulation Standard: IEEE 802.11n HT20 (130Mbps)

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			
2378.34	H	59.24	1.95	61.19	Peak	74	54	-12.81	132	1.00
2389.05	H	46.71	1.92	48.63	Ave	74	54	-5.37	132	1.00
2389.76	V	68.36	2.55	70.91	Peak	74	54	-3.09	241	1.00
2389.82	V	51.19	2.55	53.74	Ave	74	54	-0.26	241	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			
2484.23	H	58.62	0.59	59.21	Peak	74	54	-14.79	114	1.00
2483.57	H	47.01	0.60	47.61	Ave	74	54	-6.39	114	1.00
2483.66	V	69.62	-2.06	67.56	Peak	74	54	-6.44	206	1.00
2483.76	V	53.48	-2.06	51.42	Ave	74	54	-2.58	206	1.00

Modulation Standard: IEEE 802.11n HT40 (270Mbps)

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			
2360.80	H	58.36	2.03	60.39	Peak	74	54	-13.61	130	1.00
2389.56	H	46.53	1.92	48.45	Ave	74	54	-5.55	130	1.00
2388.03	V	67.98	2.58	70.56	Peak	74	54	-3.44	249	1.00
2388.54	V	51.19	2.57	53.76	Ave	74	54	-0.24	249	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			
2487.65	H	58.58	0.54	59.12	Peak	74	54	-14.88	129	1.00
2484.23	H	46.84	0.59	47.43	Ave	74	54	-6.57	129	1.00
2484.04	V	72.66	-2.08	70.58	Peak	74	54	-3.42	114	1.00
2483.66	V	55.79	-2.06	53.73	Ave	74	54	-0.27	114	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 (detector peak mode) for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz (detector sample mode) 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.