6. 6dB Bandwidth Measurement Data

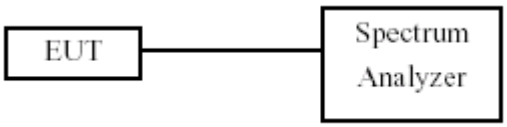
6.1 Test Limit

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 1~5% of the emission bandwidth and VBW ≥ 3x RBW.
c. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
d. The 6dB Bandwidth was measured and recorded.

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	2012/03/01	2013/02/28

6.5 Test Result and Data

Test Date: Jan. 23, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

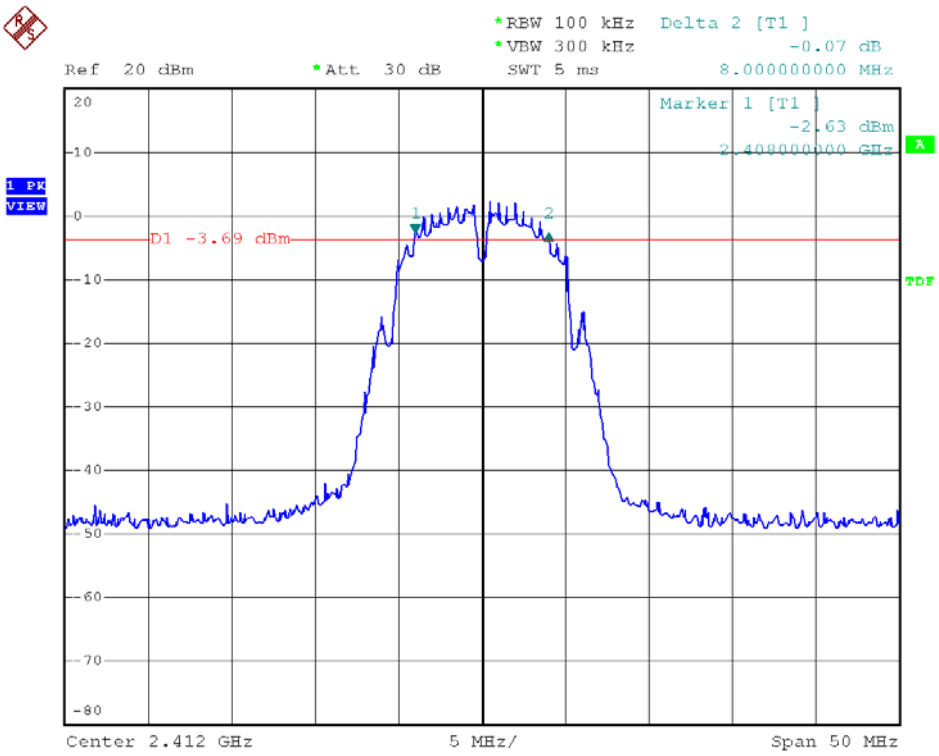
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		
			ANT R	ANT M	ANT L
802.11b (1Mbps)	01	2412	8.0	8.0	8.1
	06	2437	8.0	8.0	8.0
	11	2462	8.0	8.0	8.1
802.11g (6Mbps)	01	2412	16.4	16.4	16.4
	06	2437	16.4	16.4	16.4
	11	2462	16.4	16.4	16.4
802.11n HT20 (6.5Mbps)	01	2412	17.7	17.6	17.6
	06	2437	17.6	17.7	17.6
	11	2462	17.6	17.6	17.6
802.11n HT40 (13.5Mbps)	03	2422	35.8	35.8	35.8
	06	2437	36.2	36.2	36.2
	09	2452	35.8	36.2	36.2

Test Date: Jan. 22, 2013 Temperature: 22℃

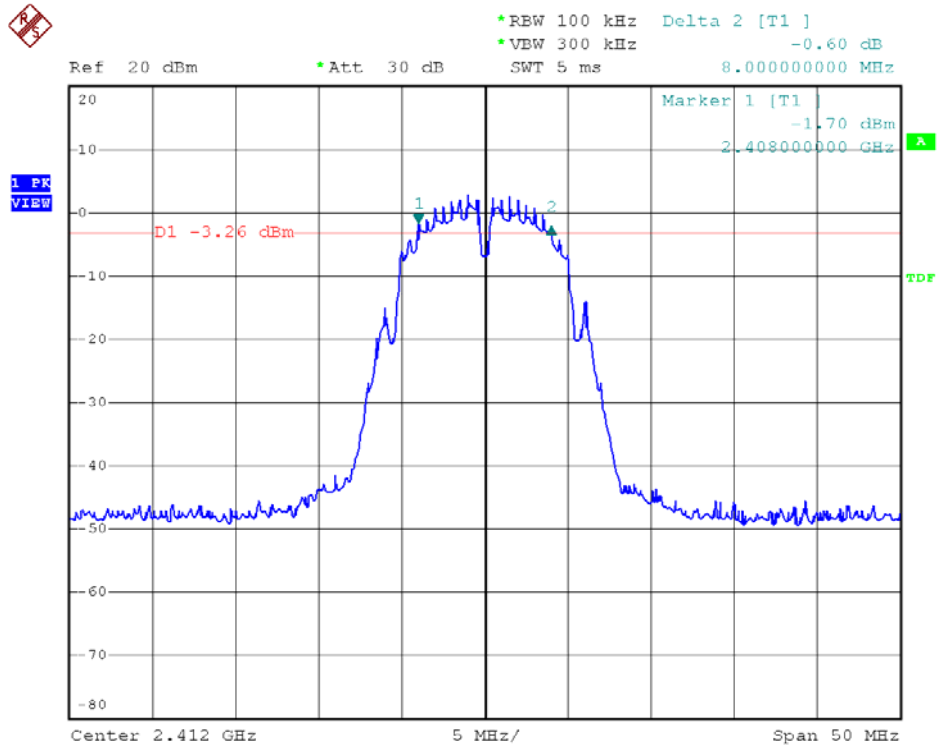
Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		
			ANT R	ANT M	ANT L
802.11ac VHT20 (6.5Mbps)	149	5745	17.6	17.6	17.6
	157	5785	17.6	17.6	17.7
	165	5825	17.6	17.6	17.6
802.11ac VHT40 (13.5Mbps)	151	5755	36.4	36.4	36.4
	159	5795	36.4	36.4	36.4
802.11ac VHT80 (29.3Mbps)	155	5755	76.0	76.4	76.0

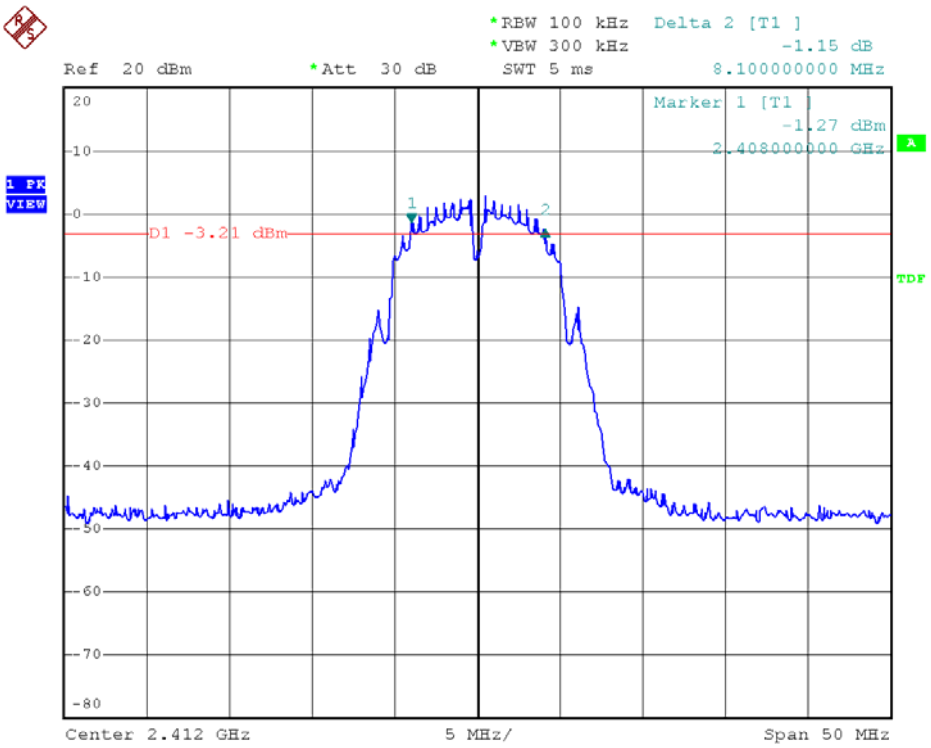
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



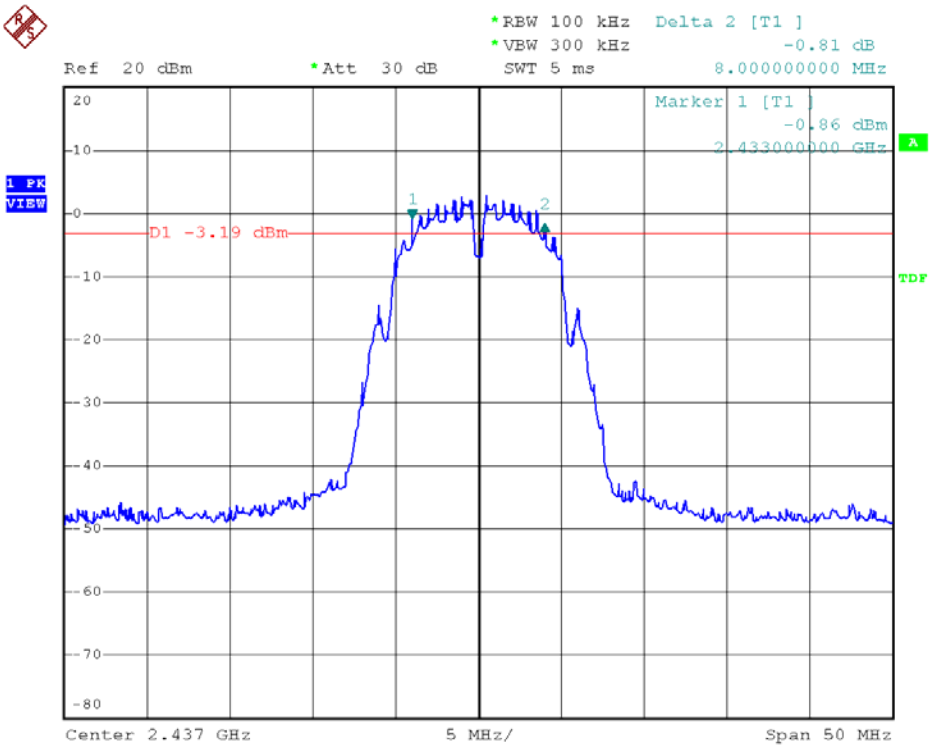
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 01



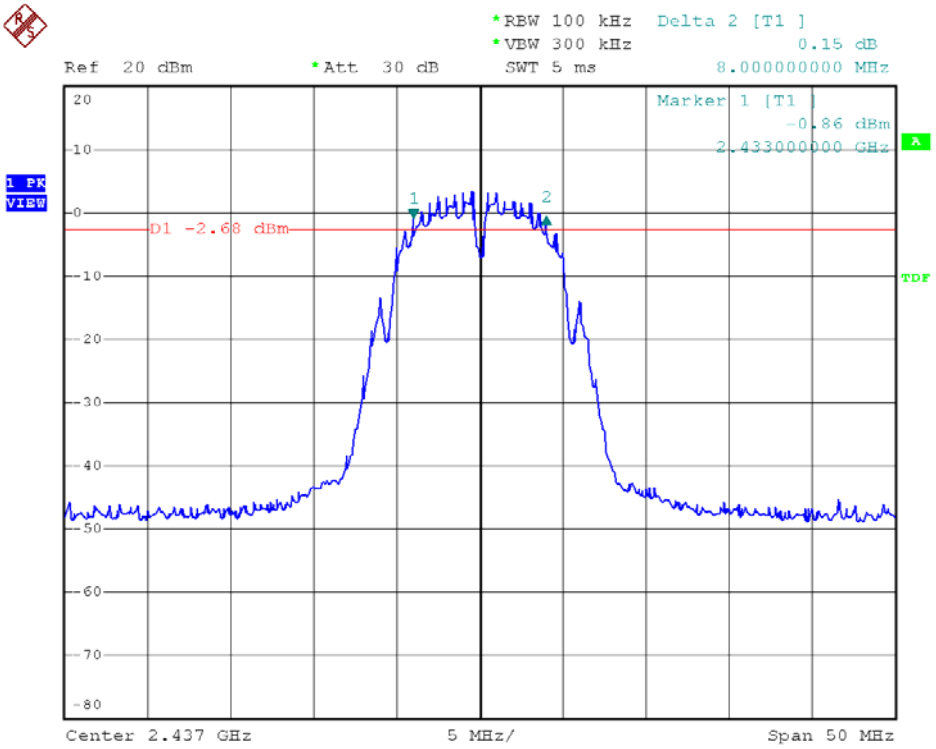
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



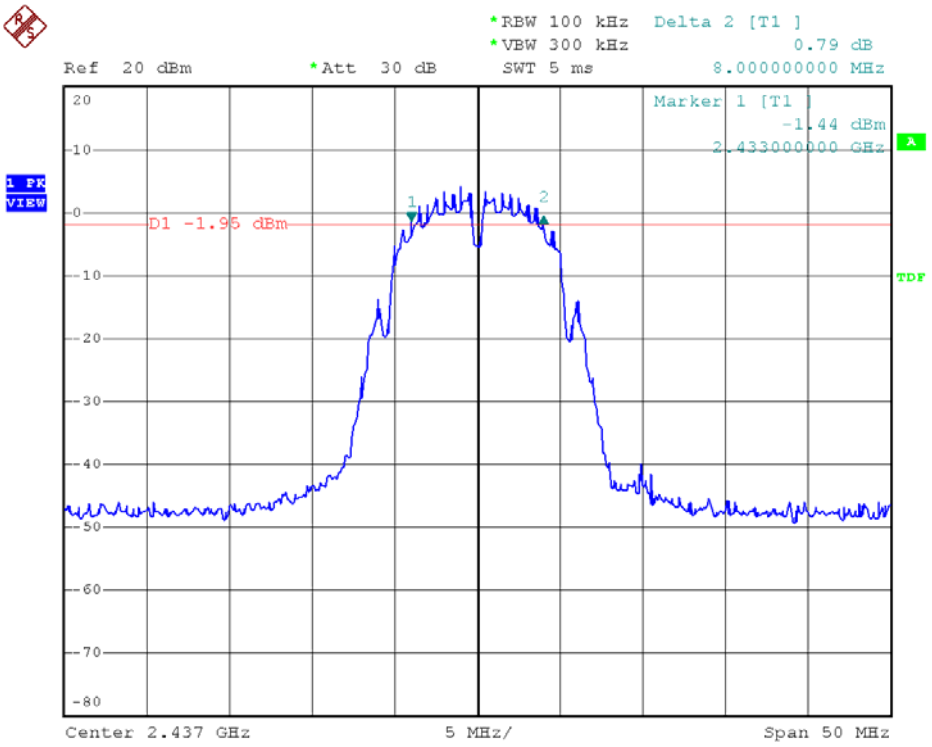
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 06



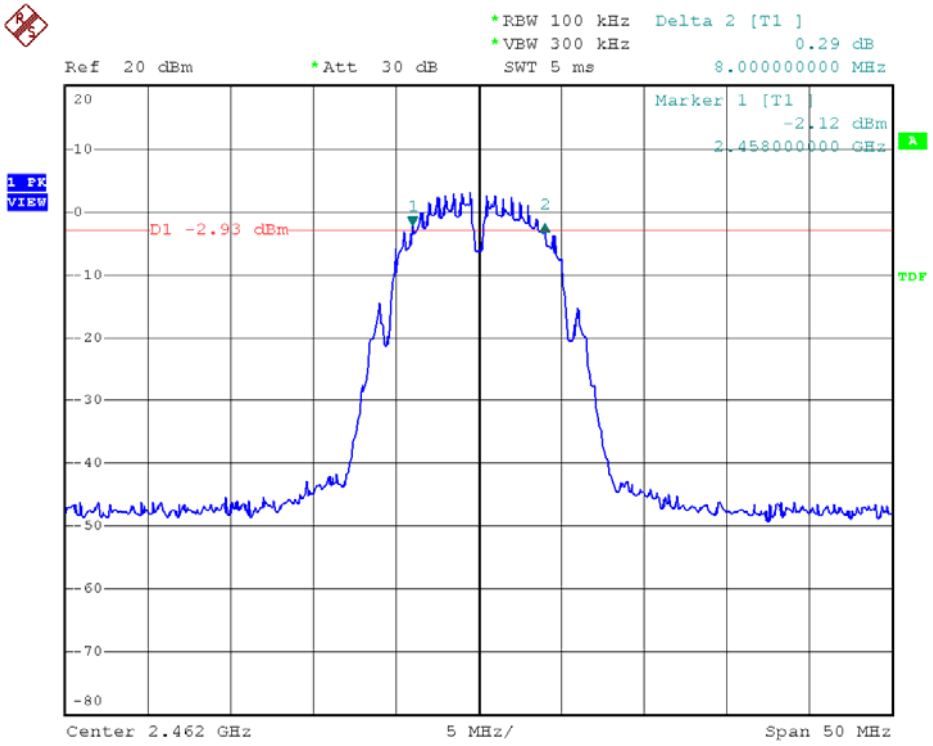
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 06



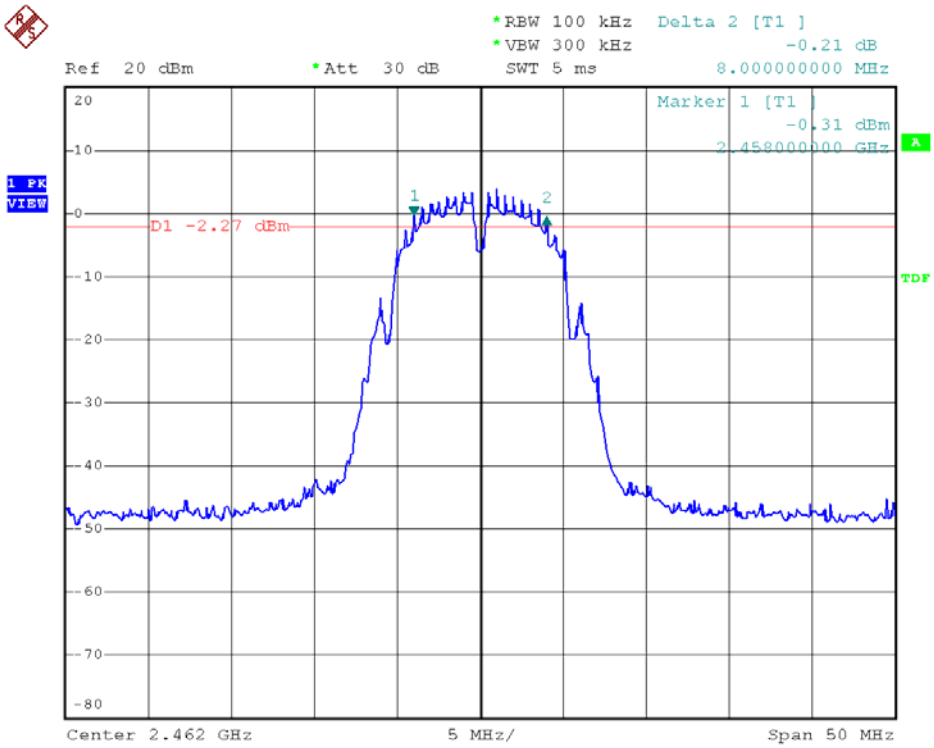
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 06



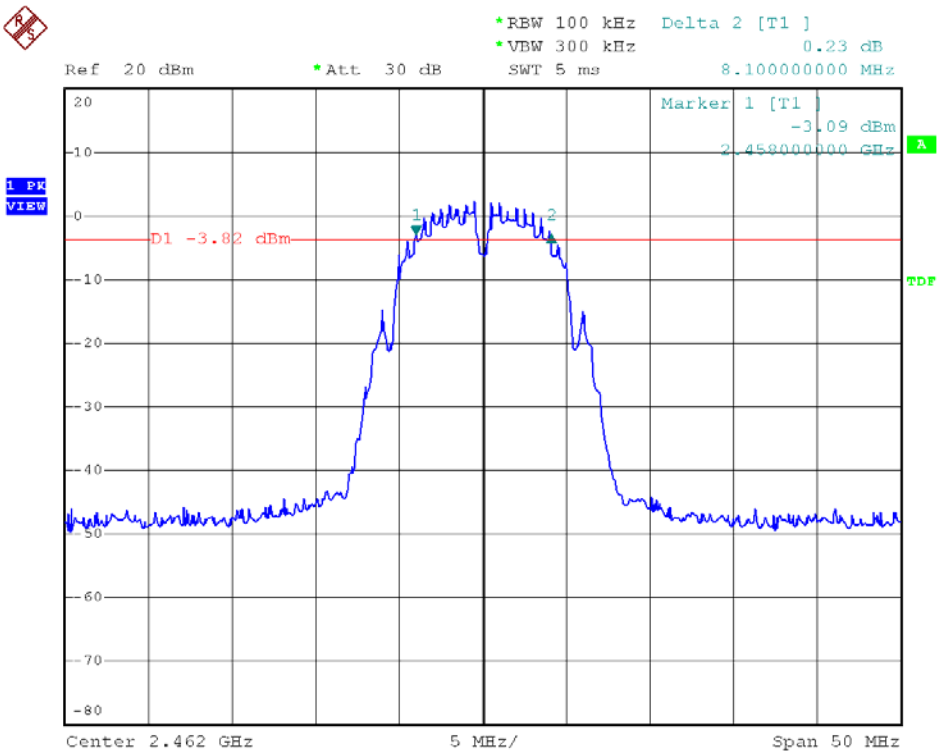
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



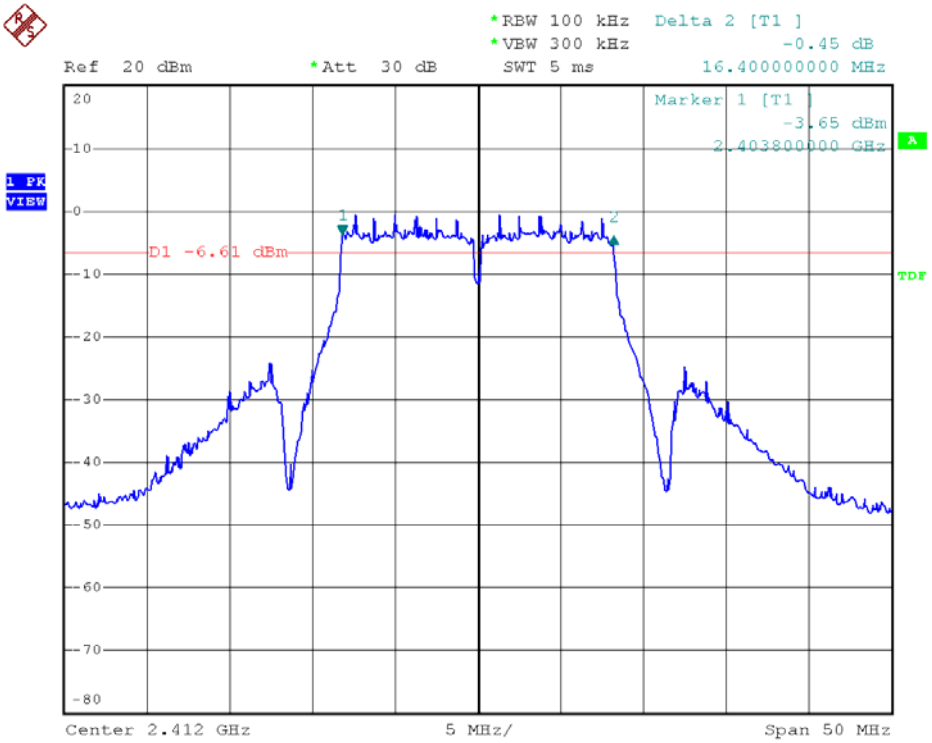
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 11



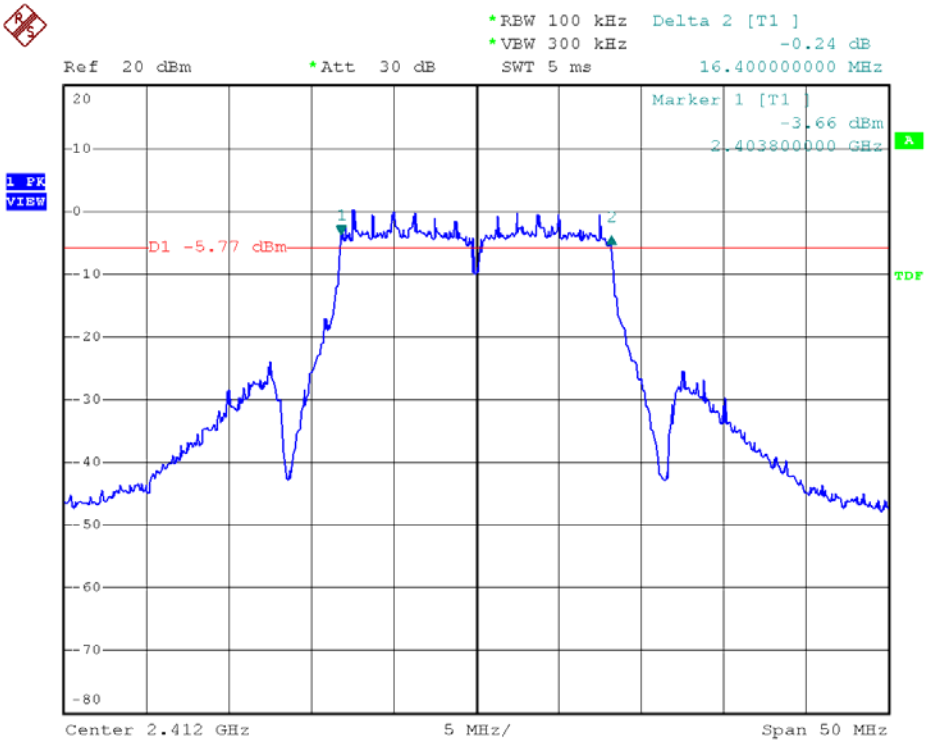
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



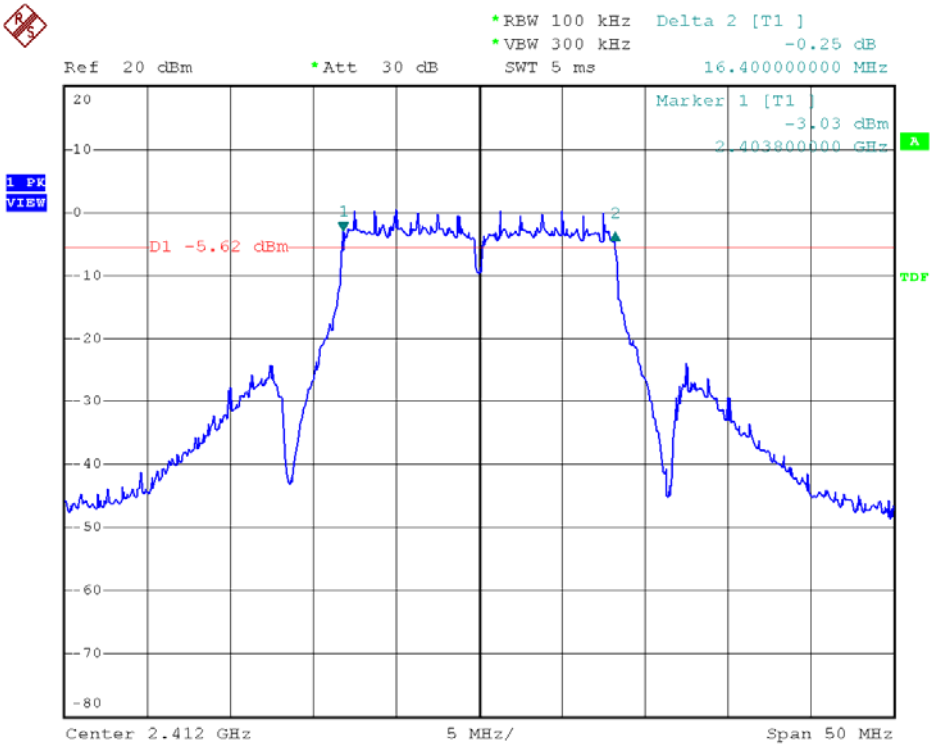
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



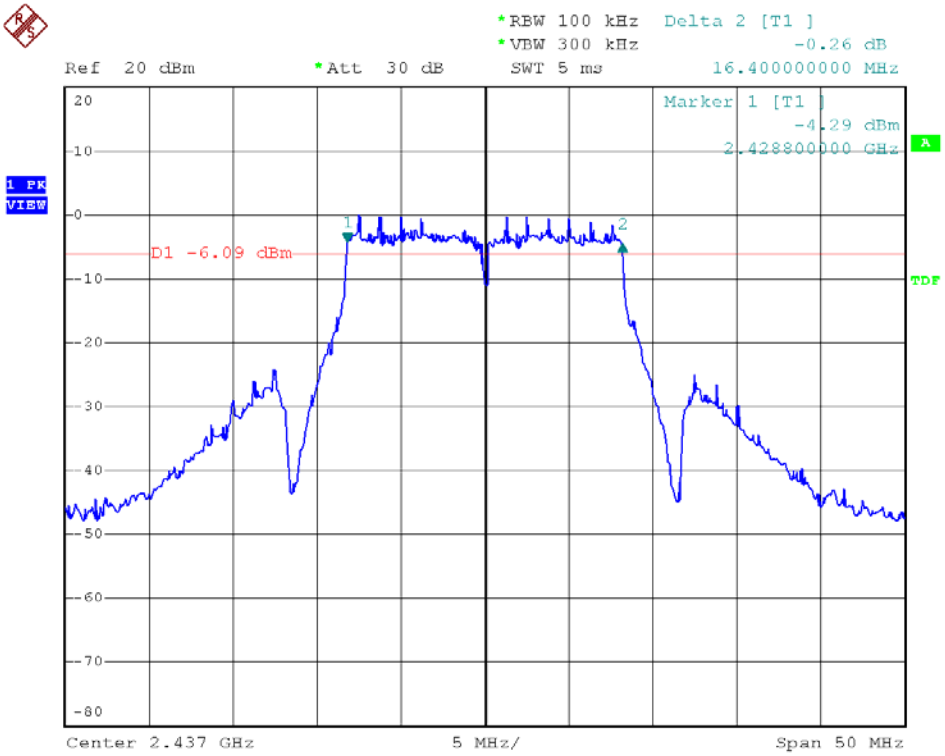
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 01



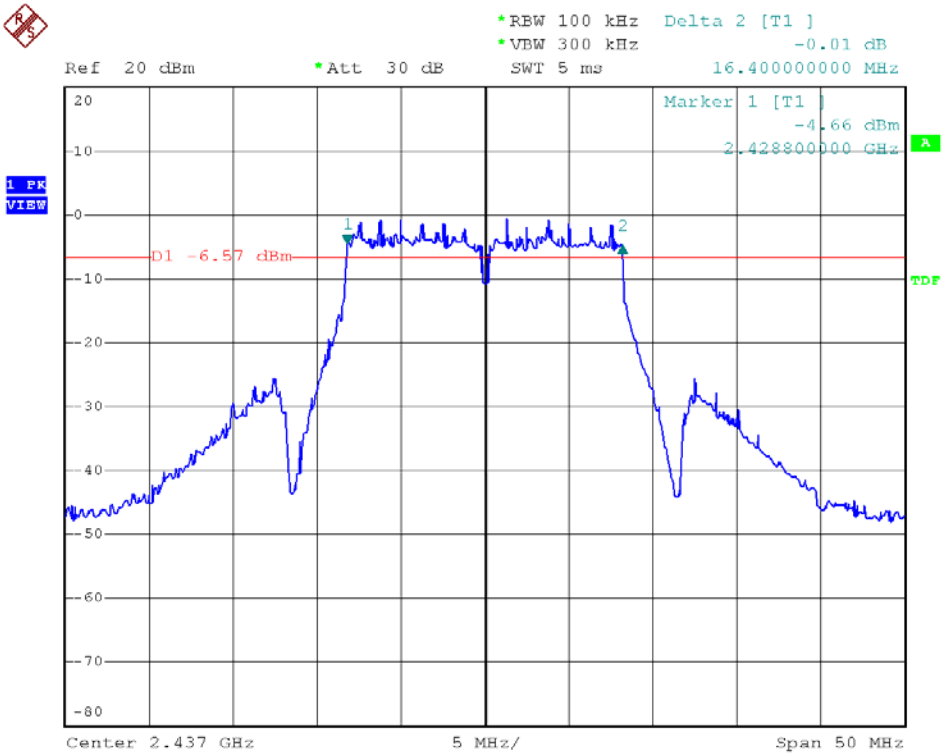
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



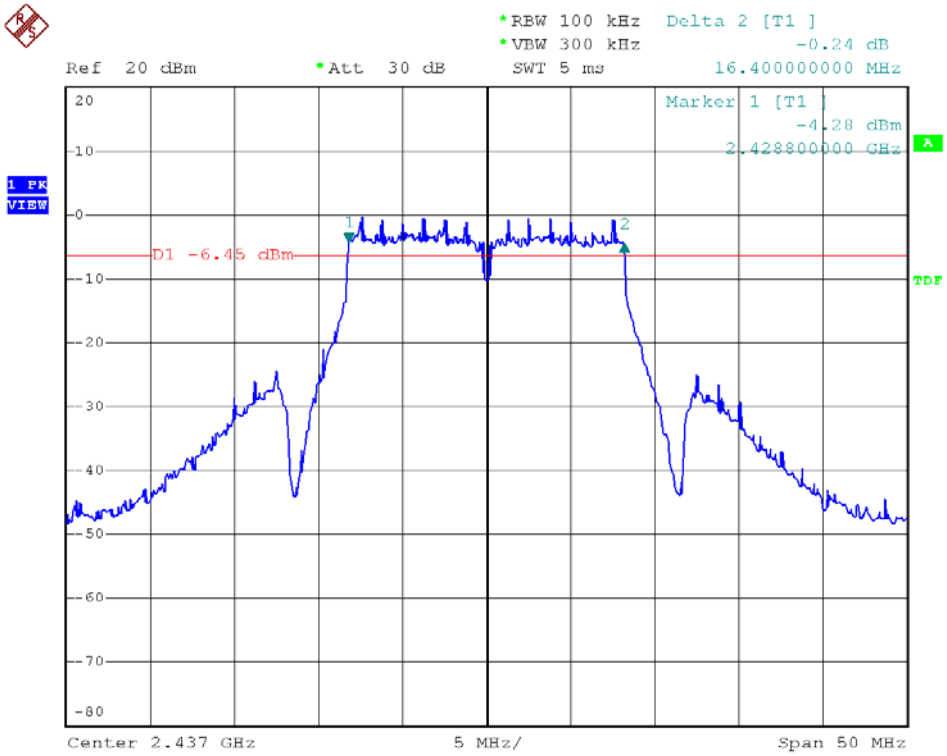
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 06



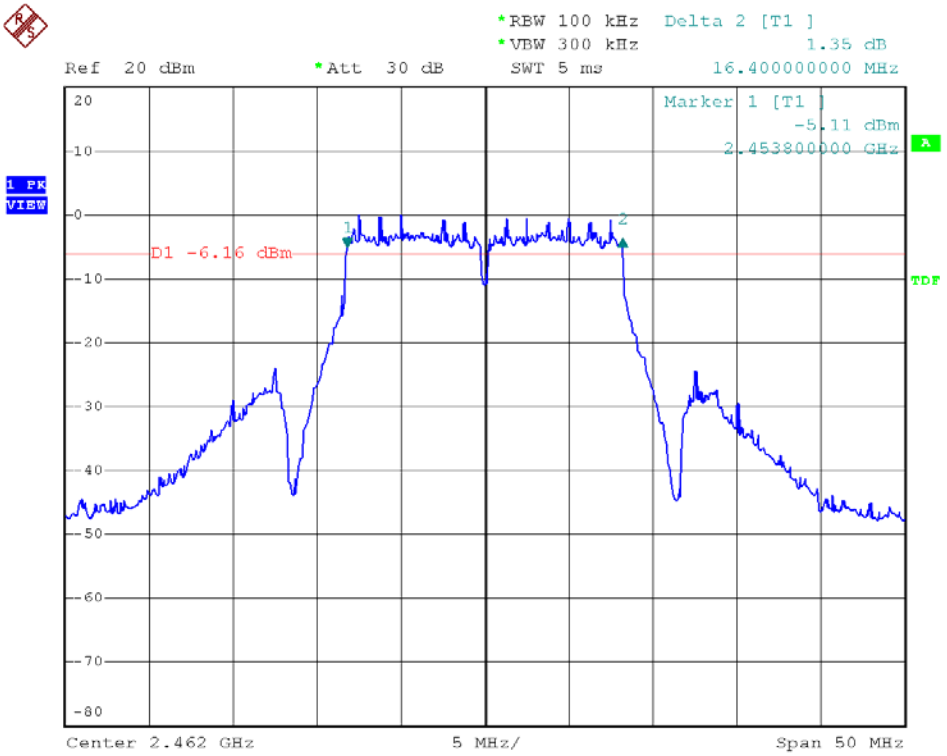
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 06



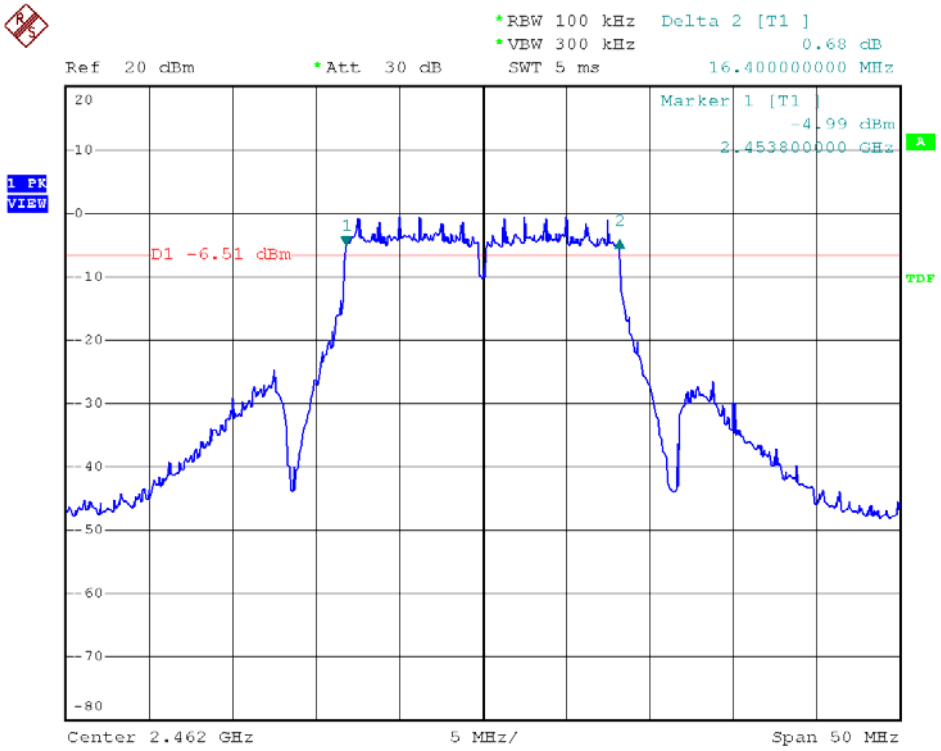
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06



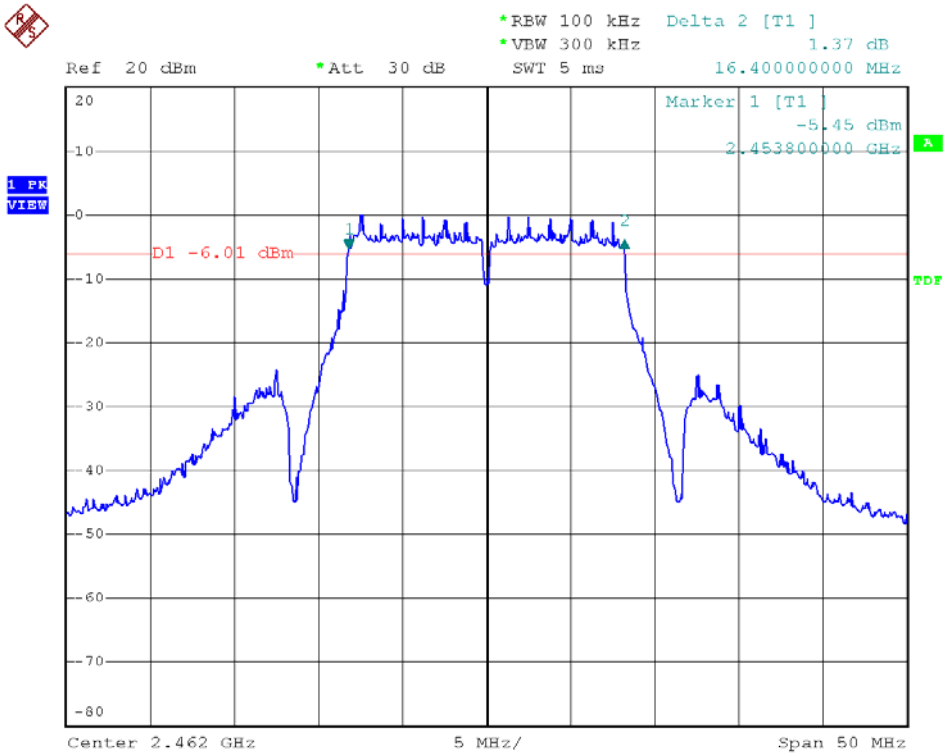
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



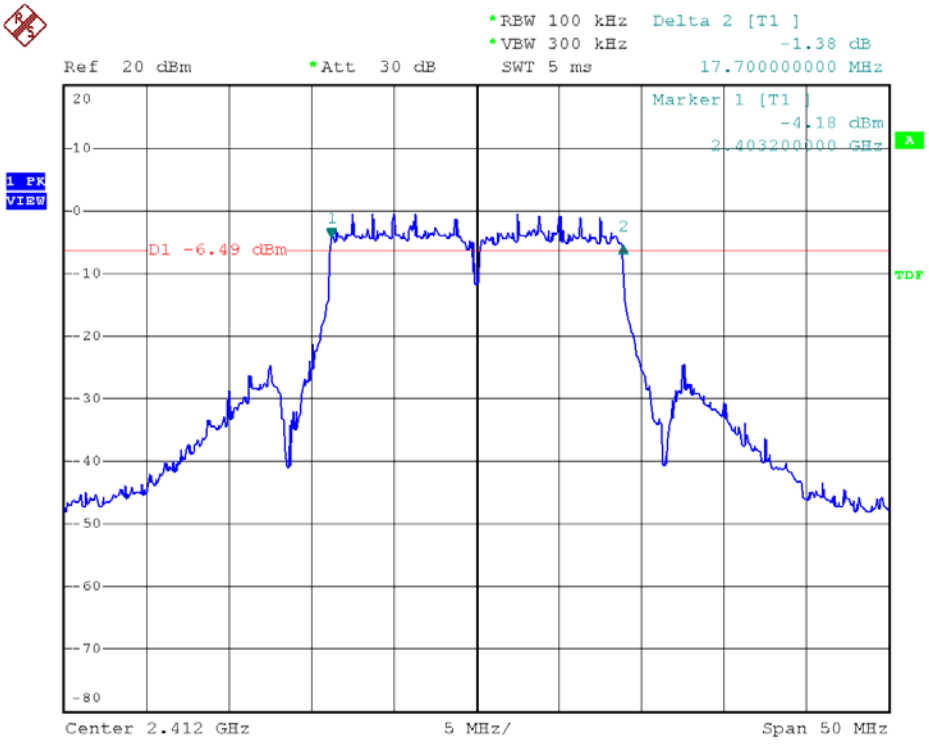
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 11



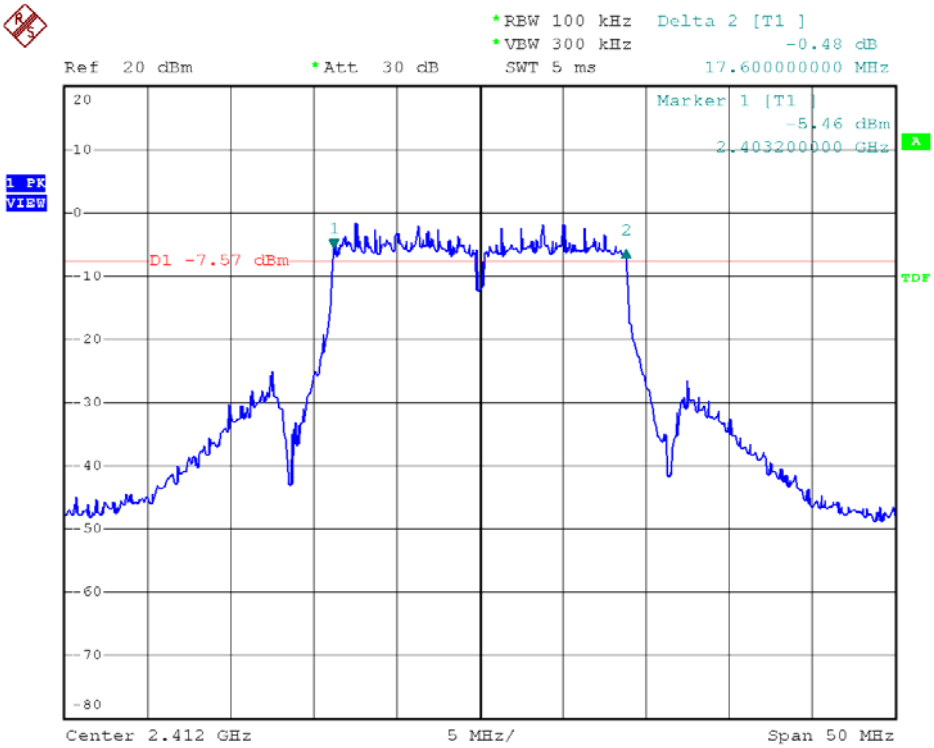
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



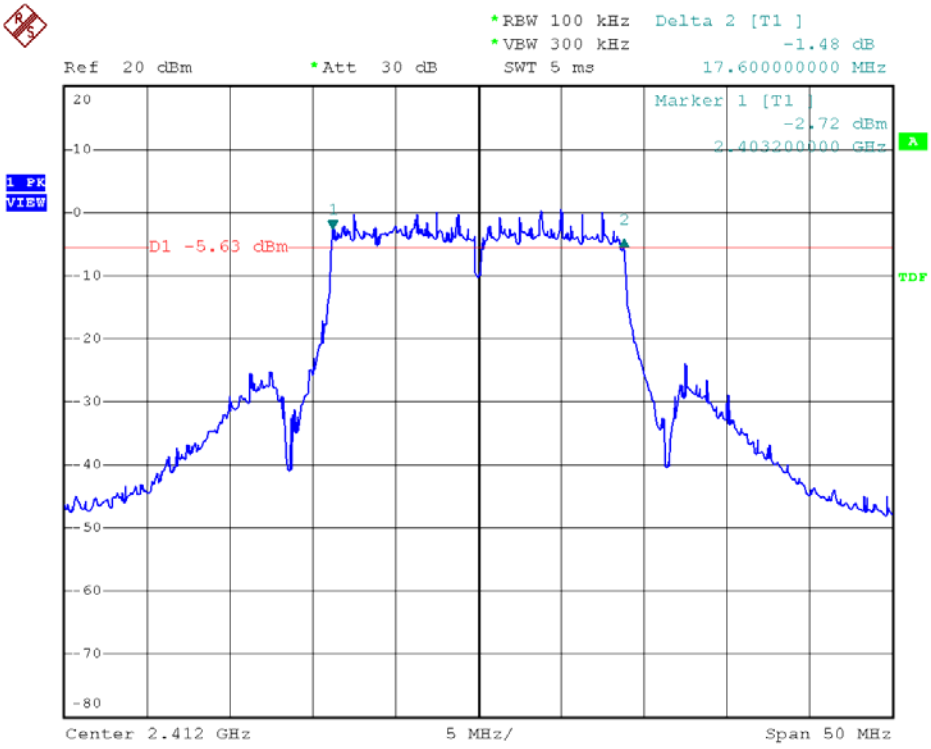
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 01



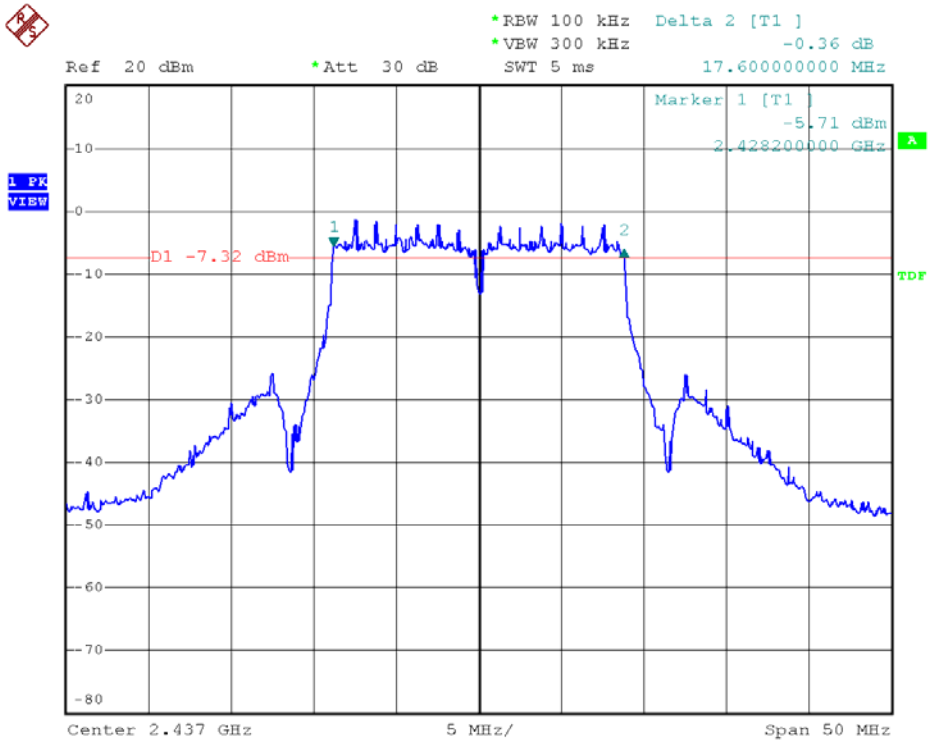
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 01



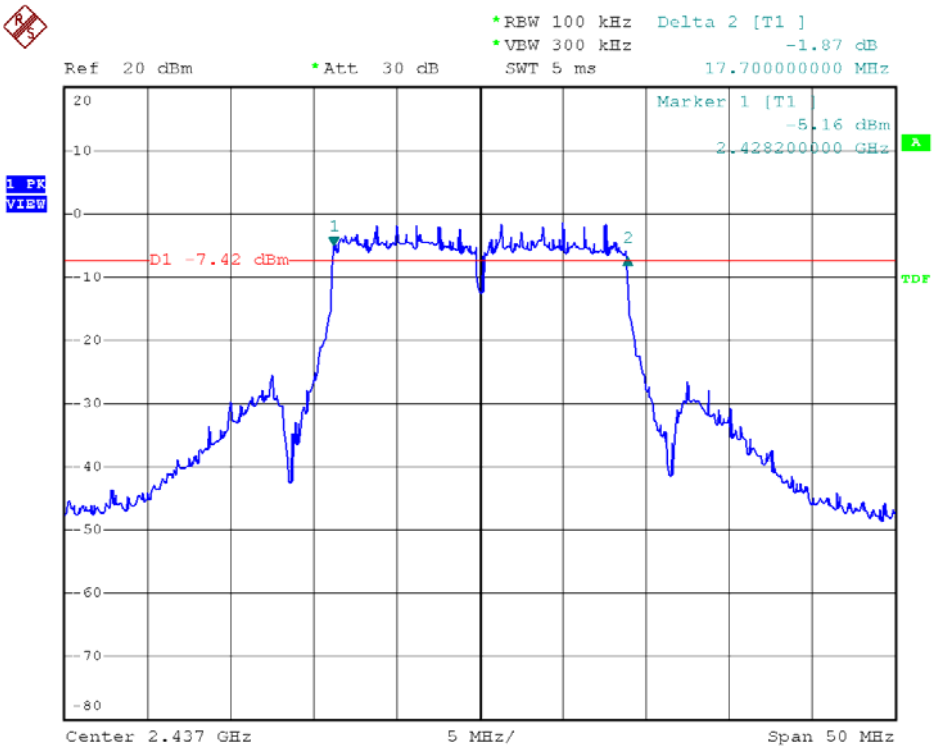
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 01



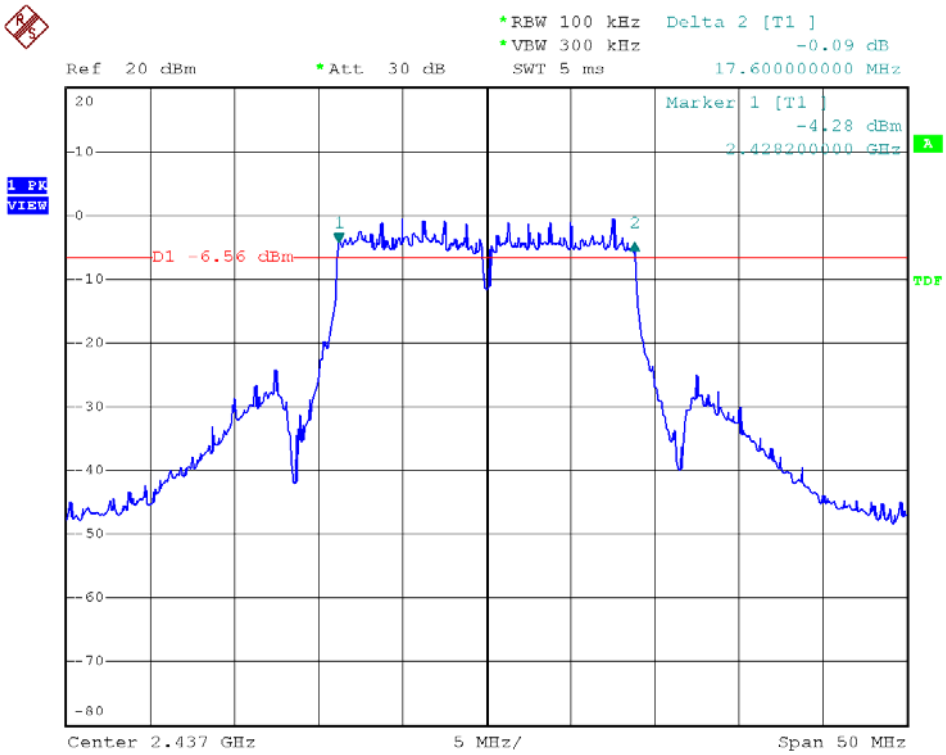
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 06



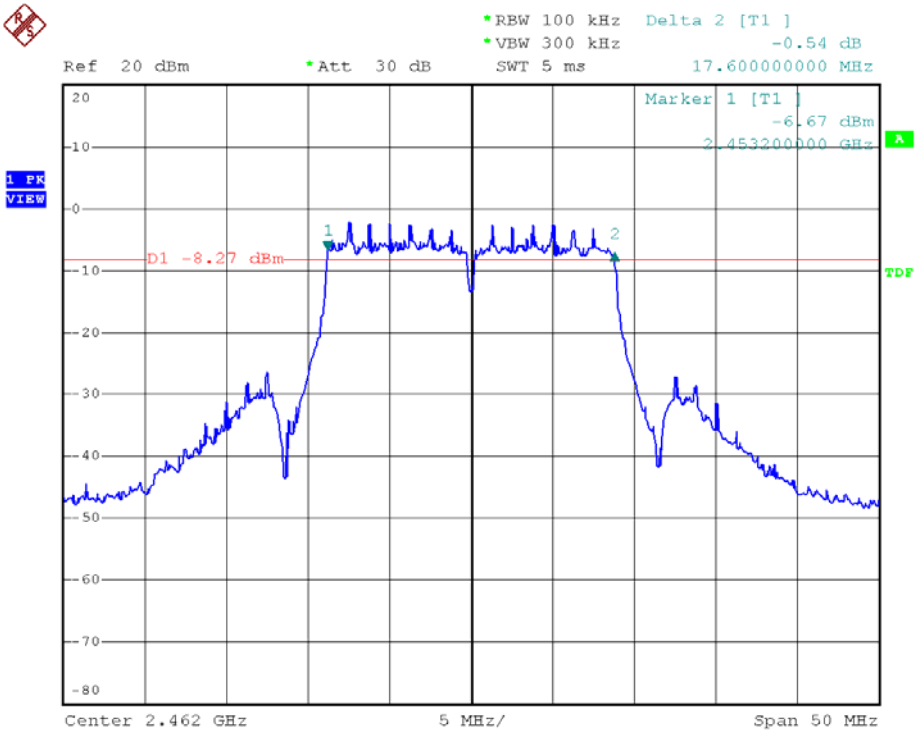
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 06



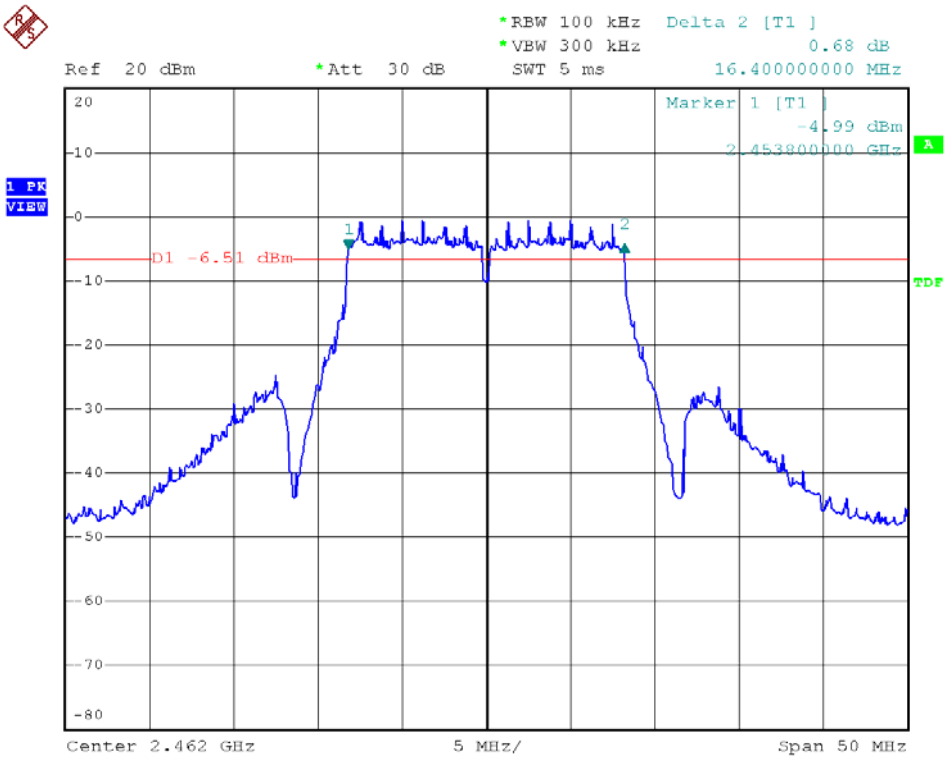
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 06



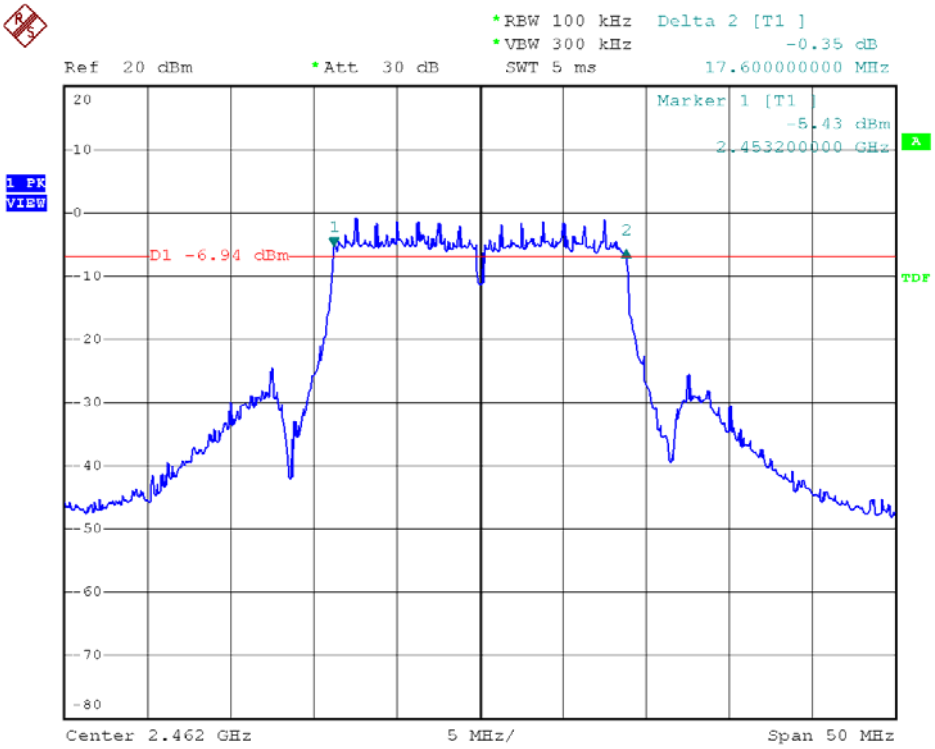
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 11



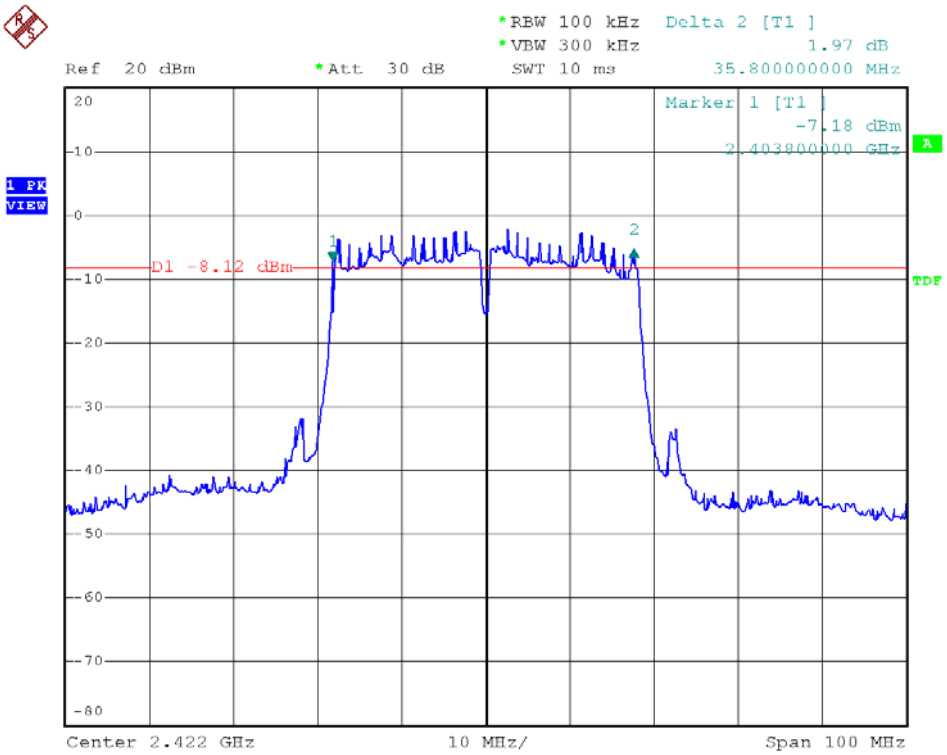
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 11



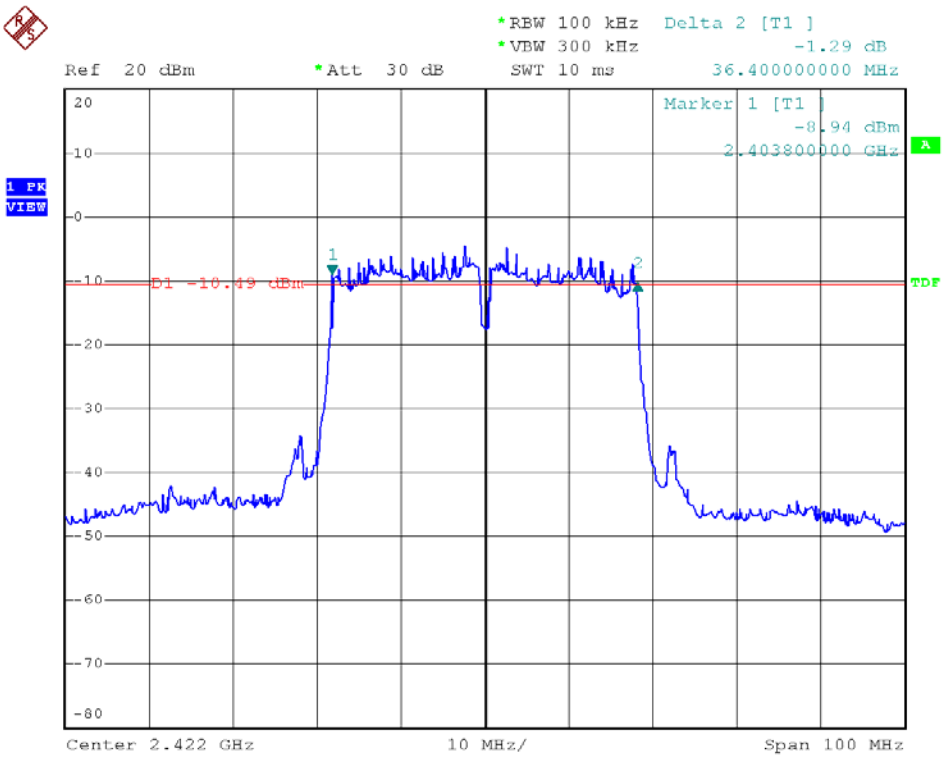
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 11



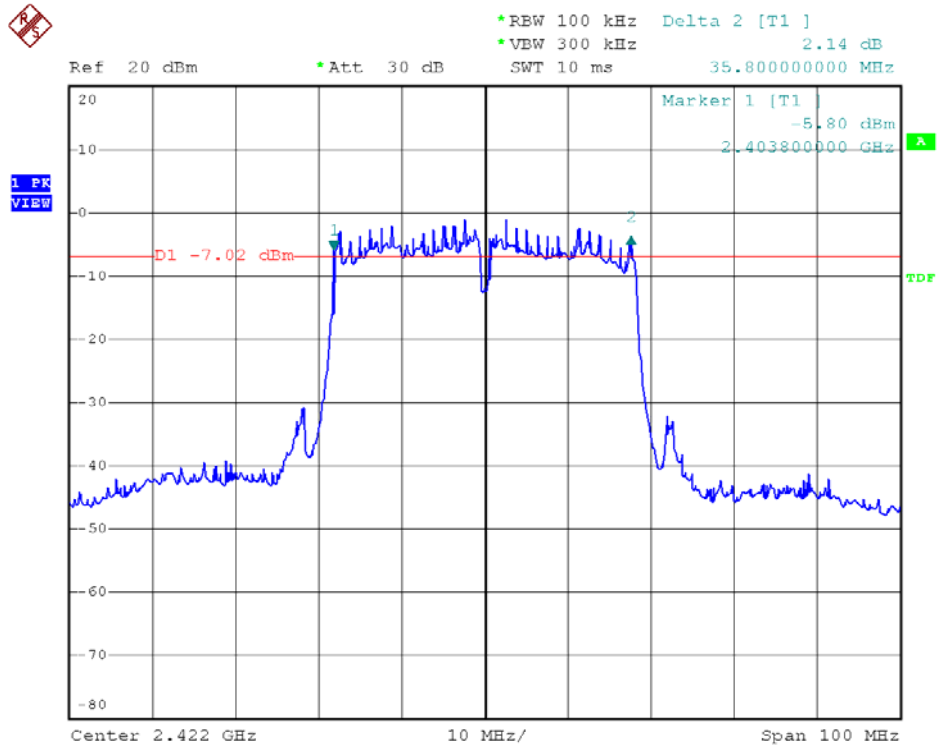
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 03



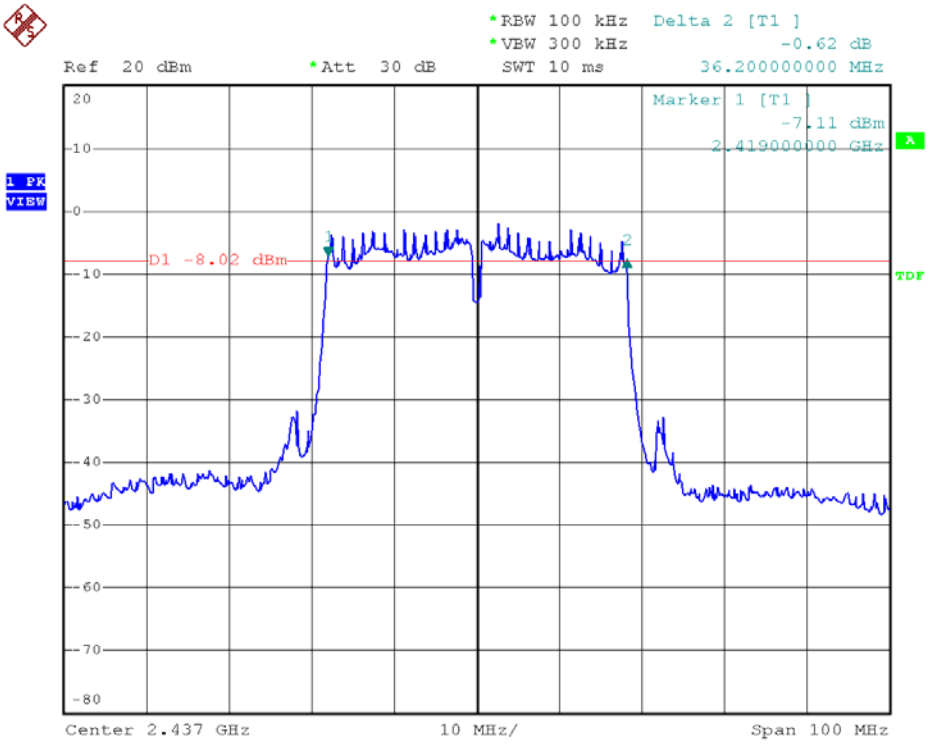
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 03



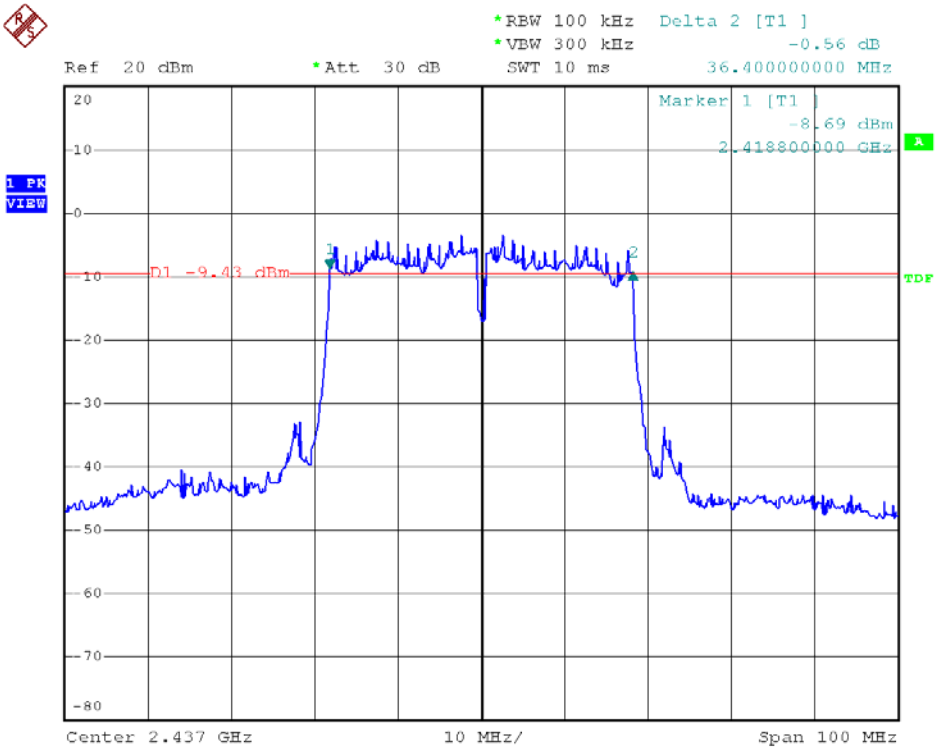
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 03



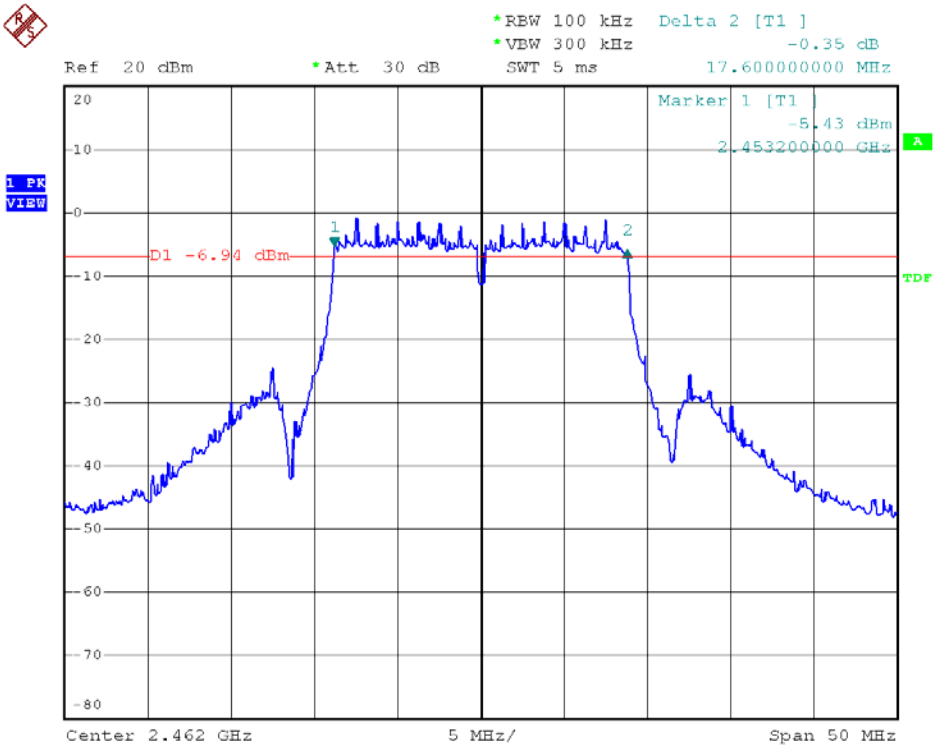
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 06



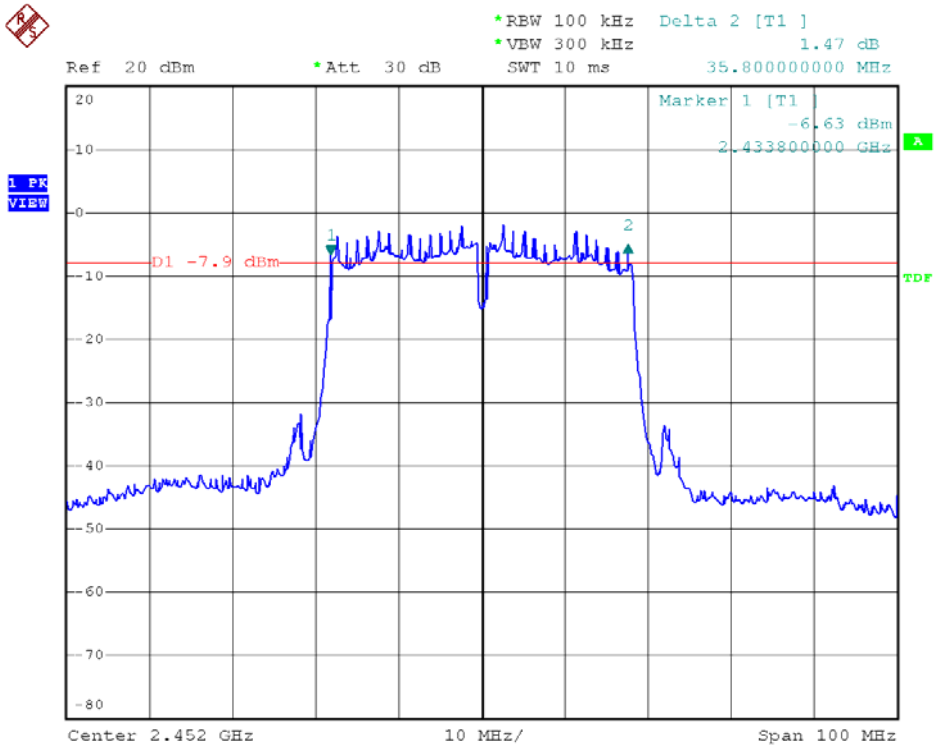
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 06



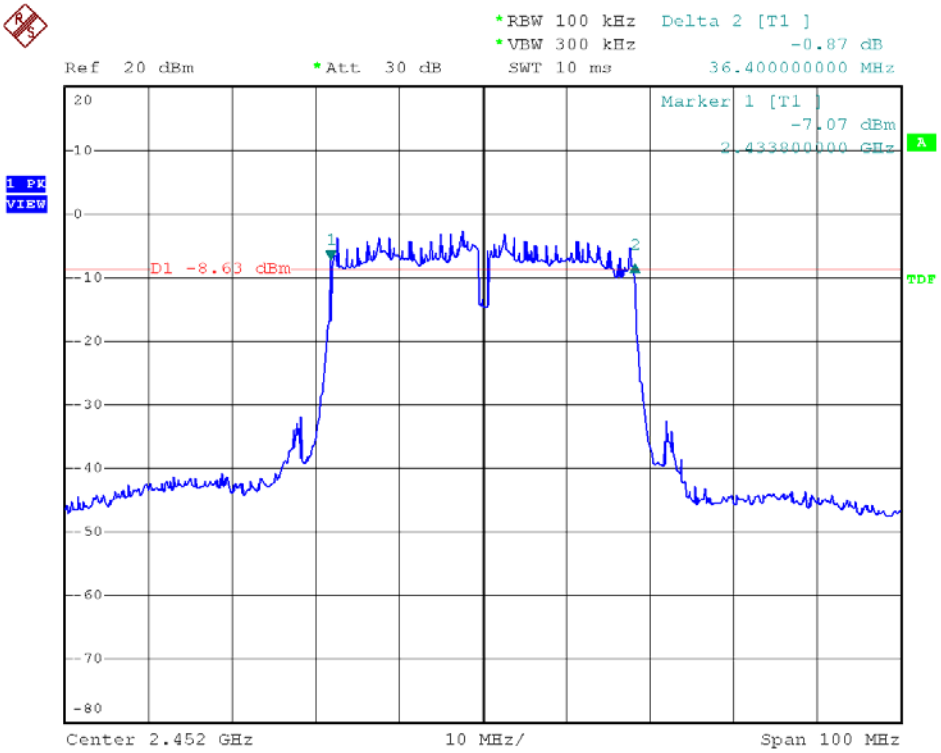
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 06



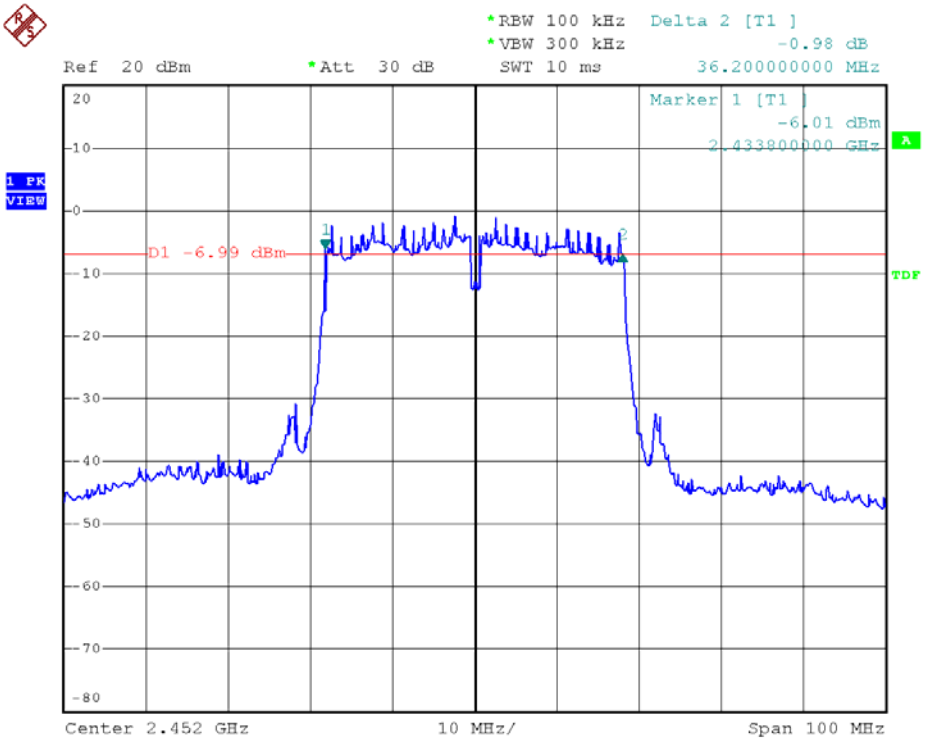
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 09



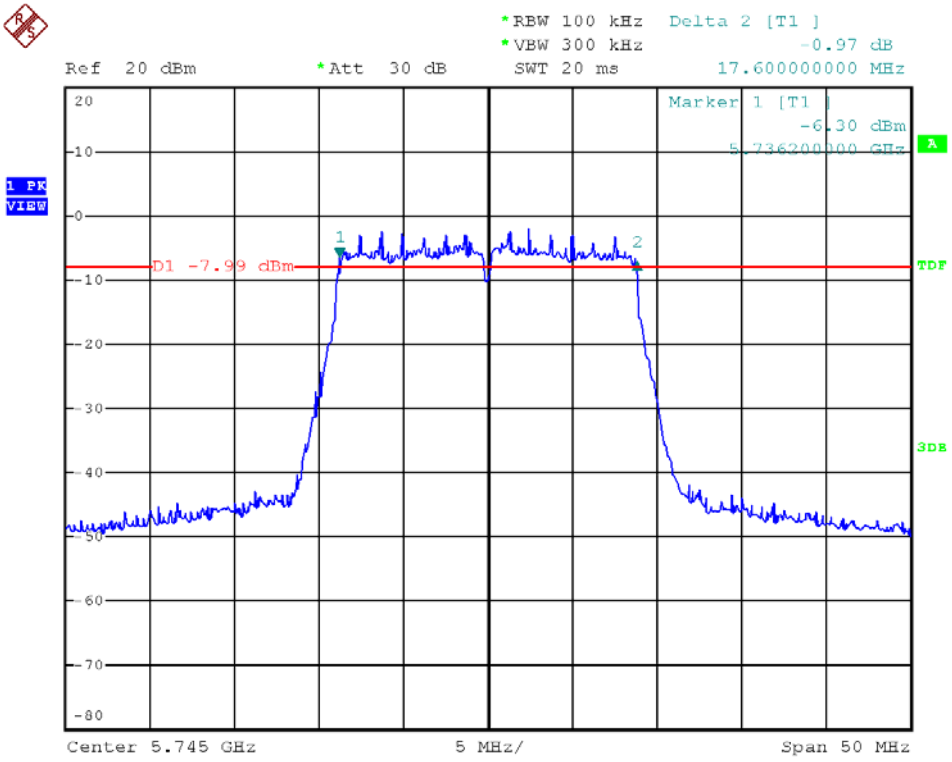
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 09



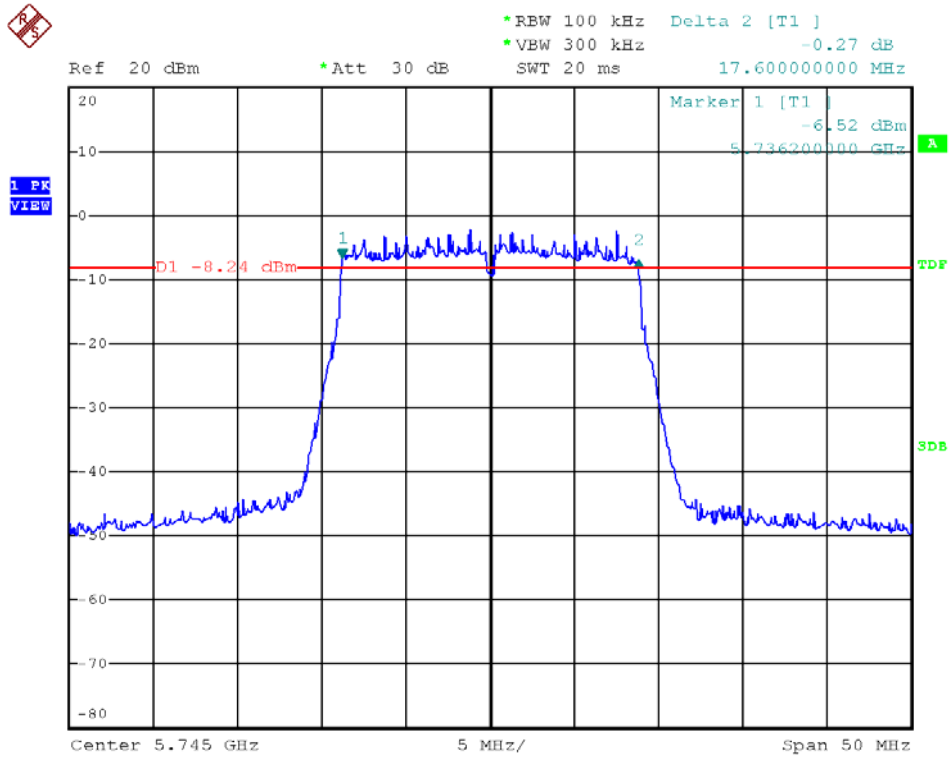
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 09



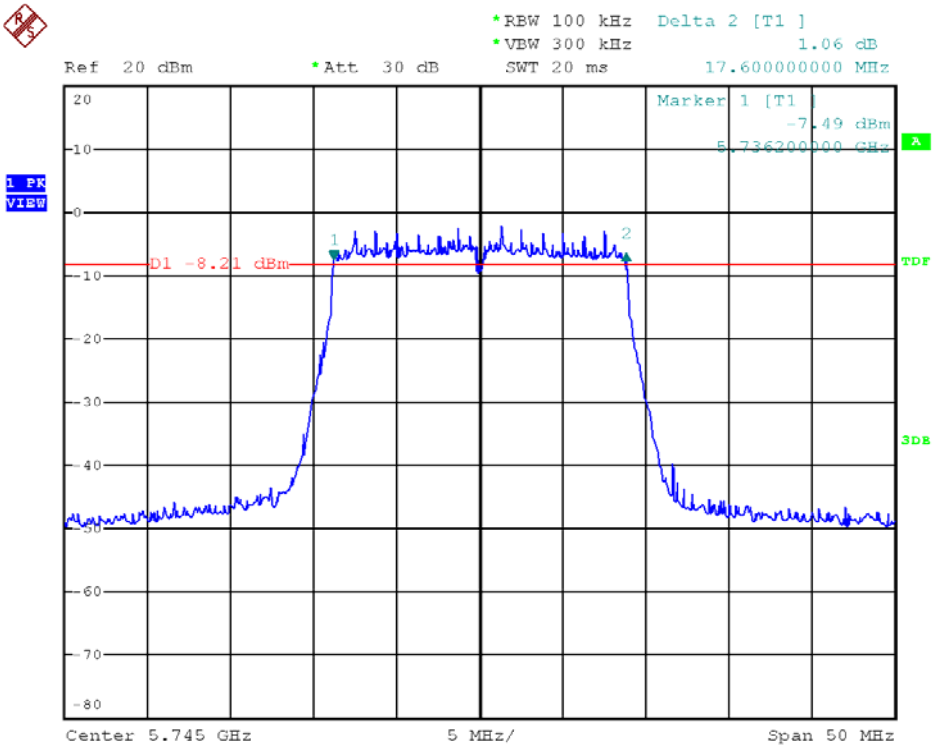
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 149



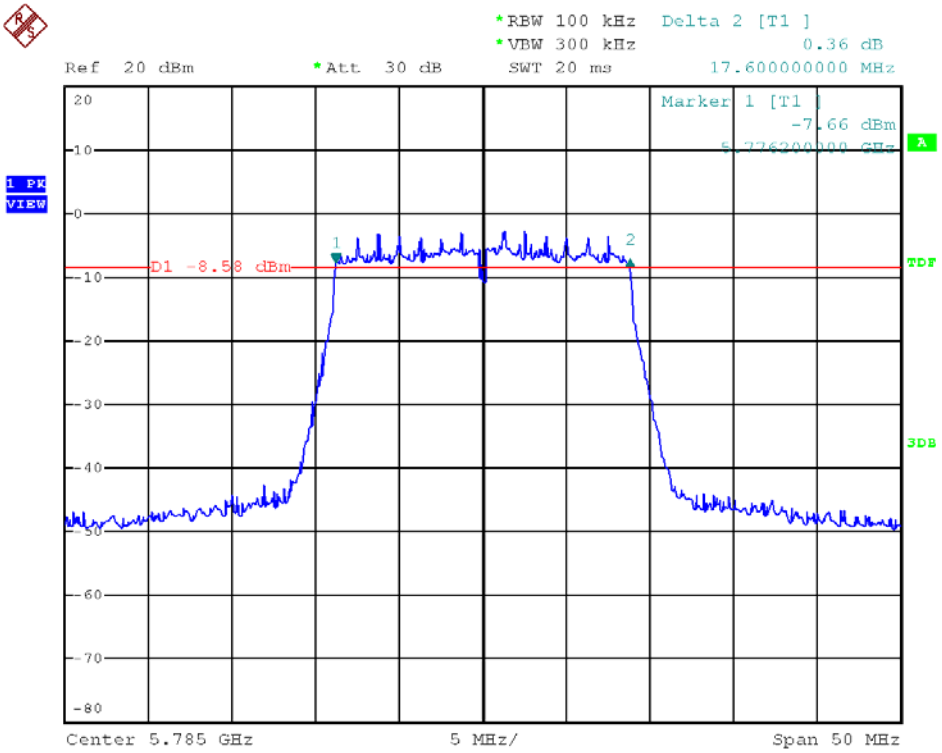
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 149



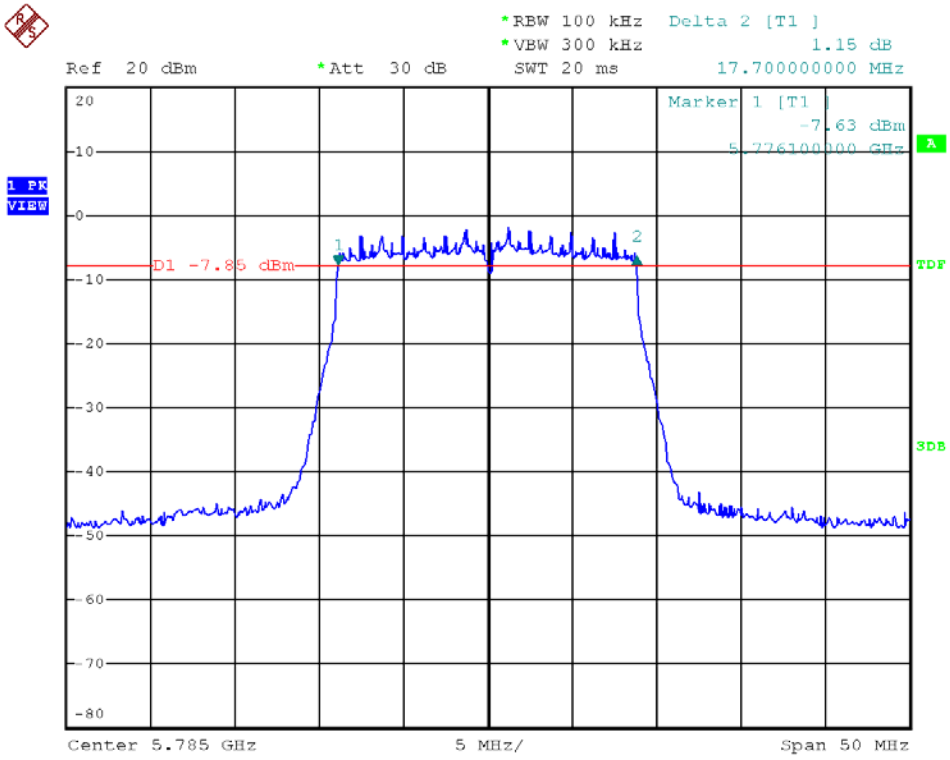
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 149



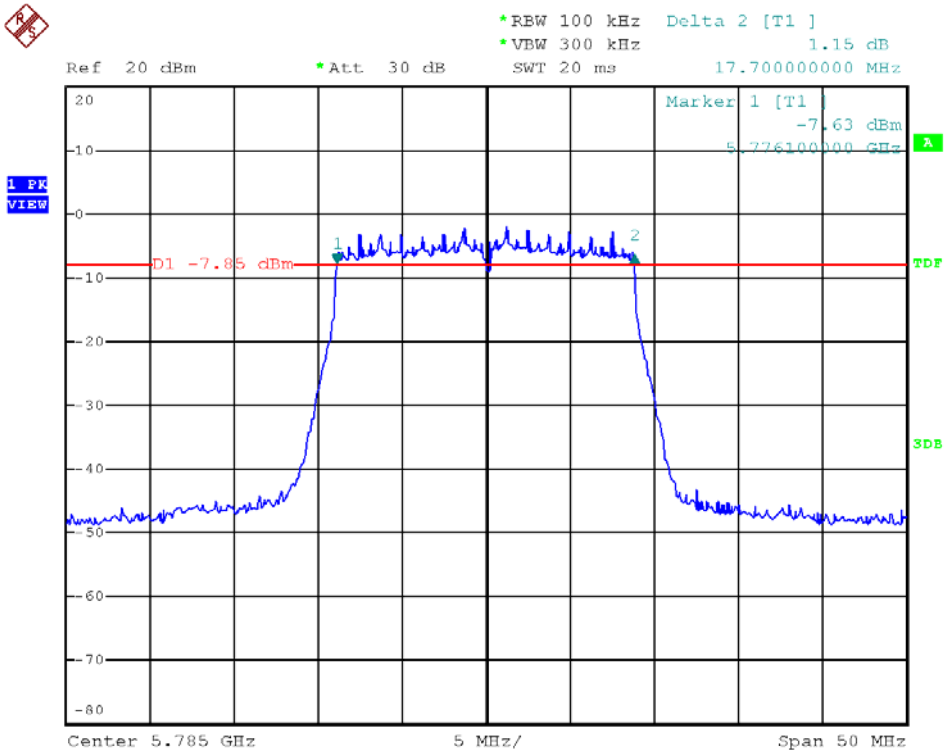
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 157



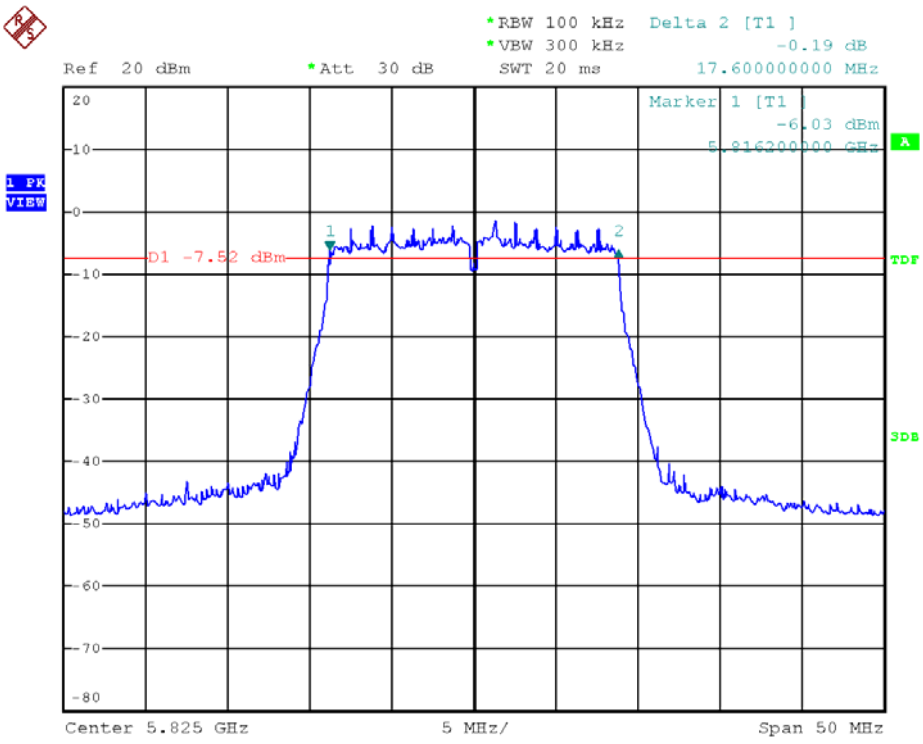
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 157



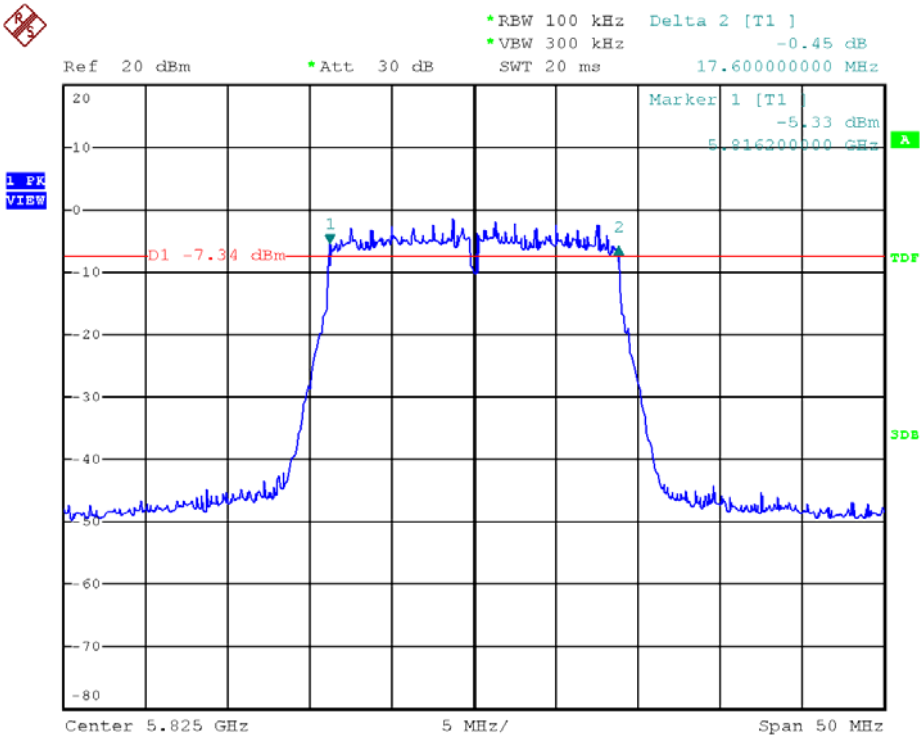
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 157



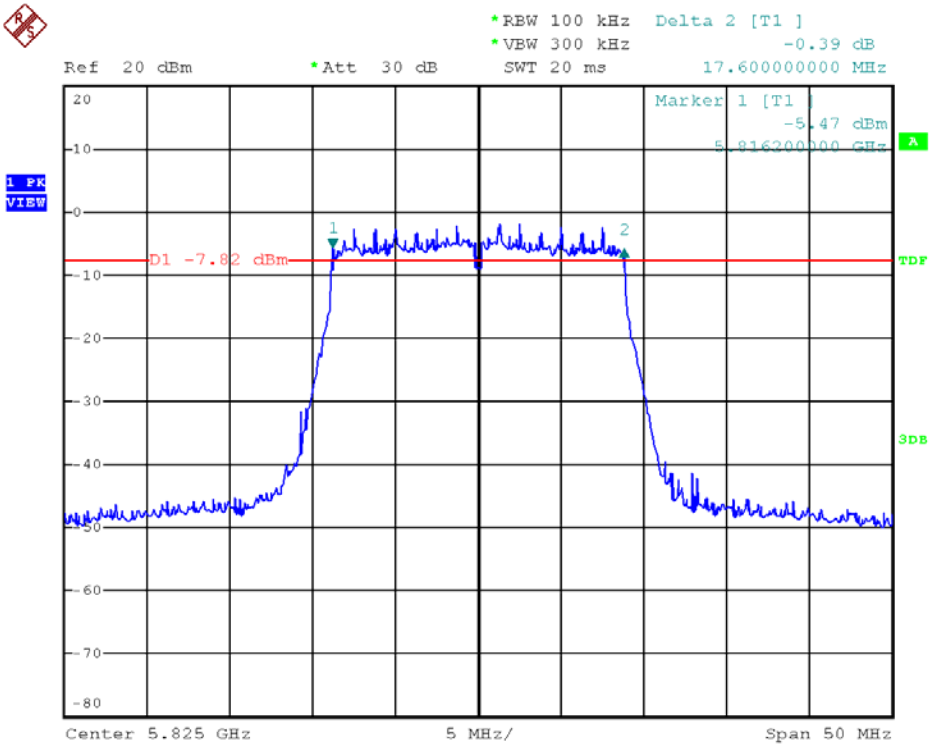
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 165



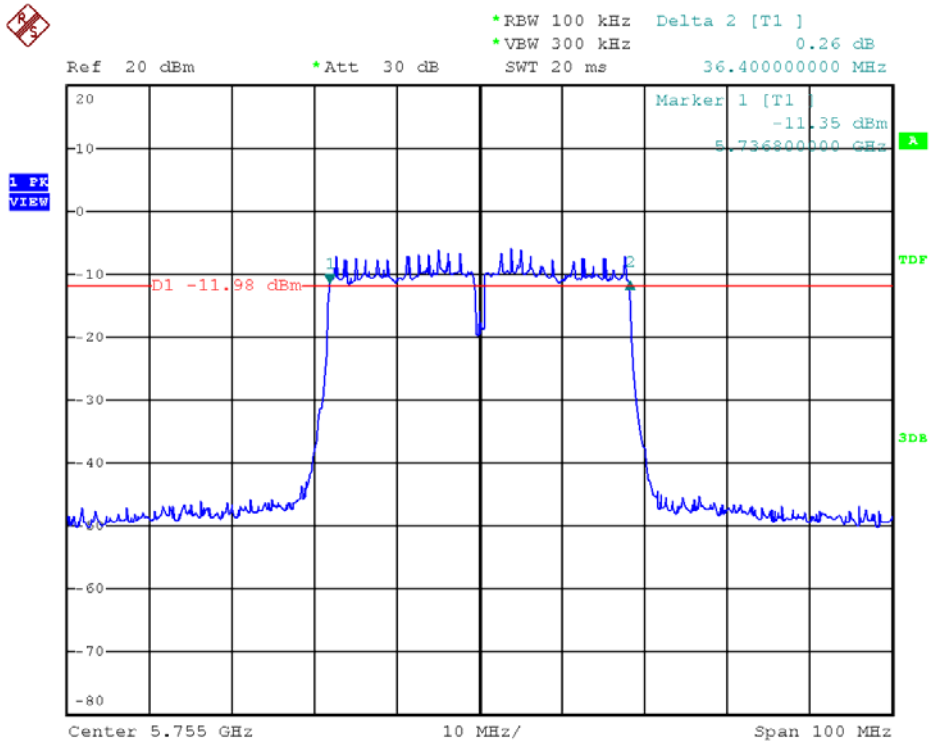
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 165



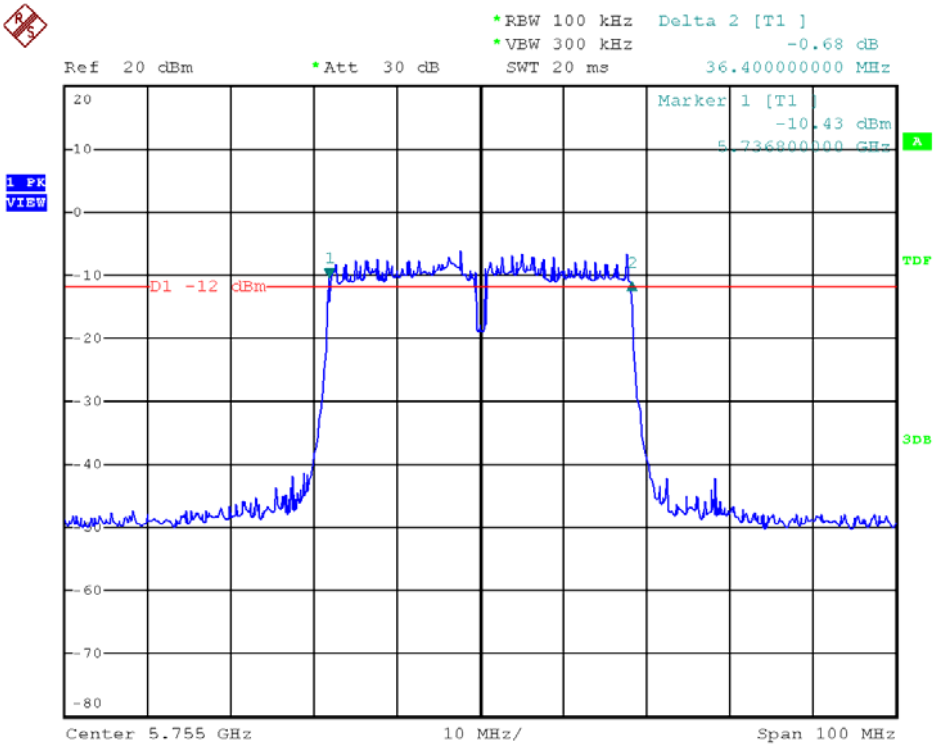
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 165



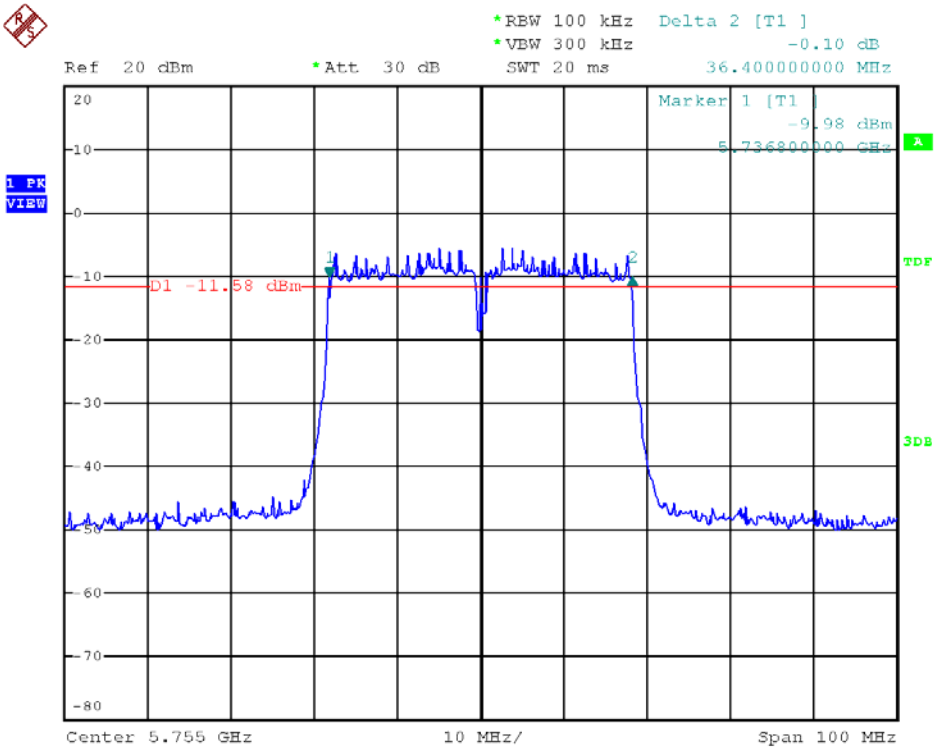
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT R
Channel: 151



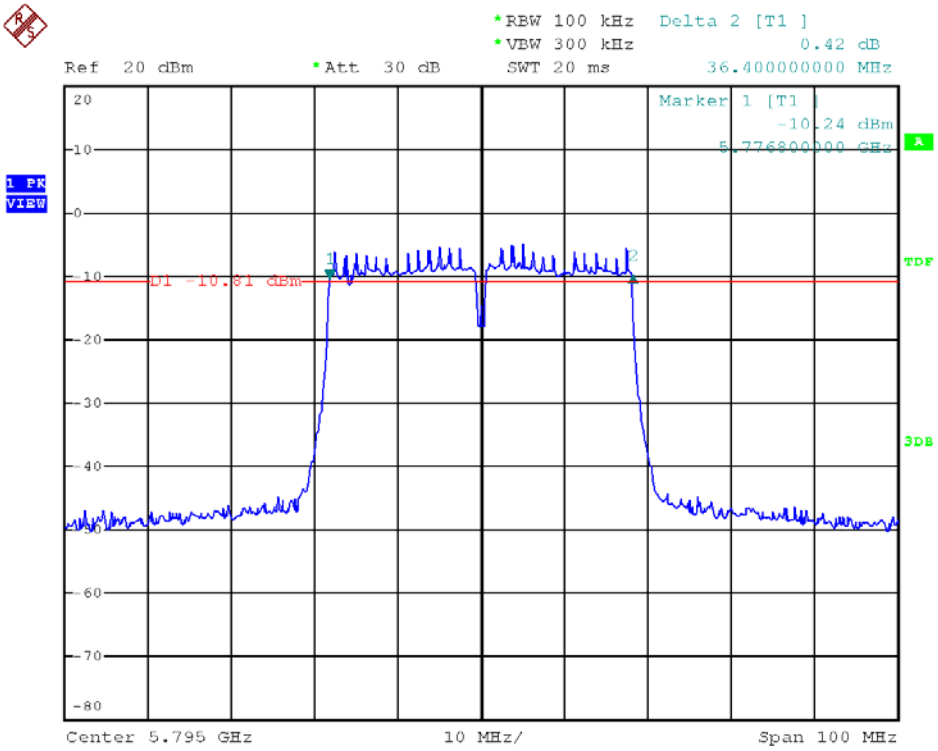
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT M
Channel: 151



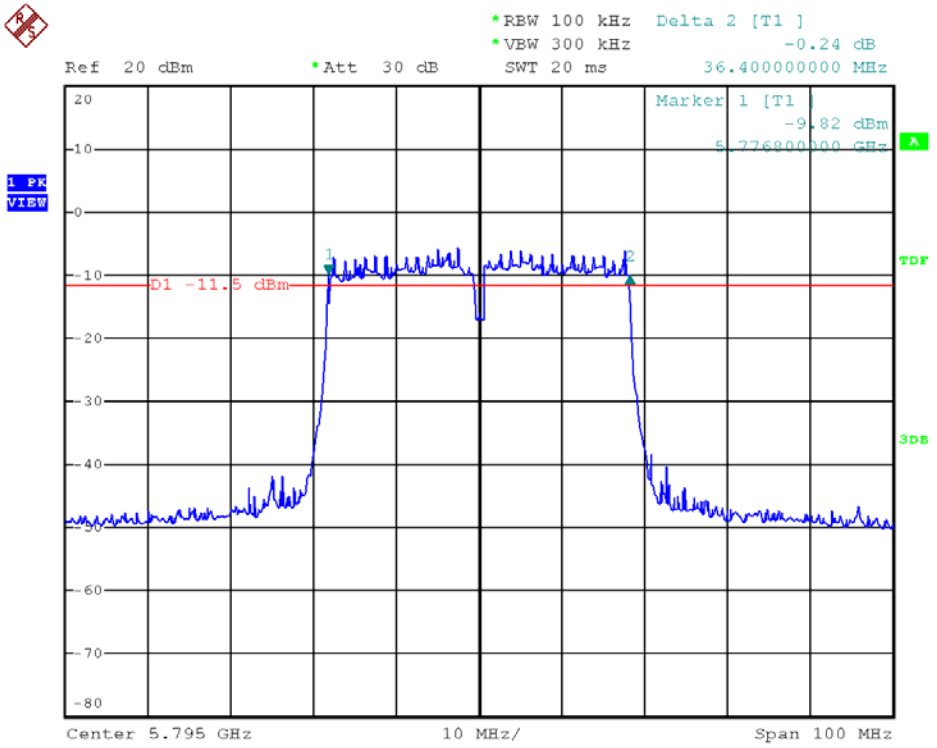
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT L
Channel: 151



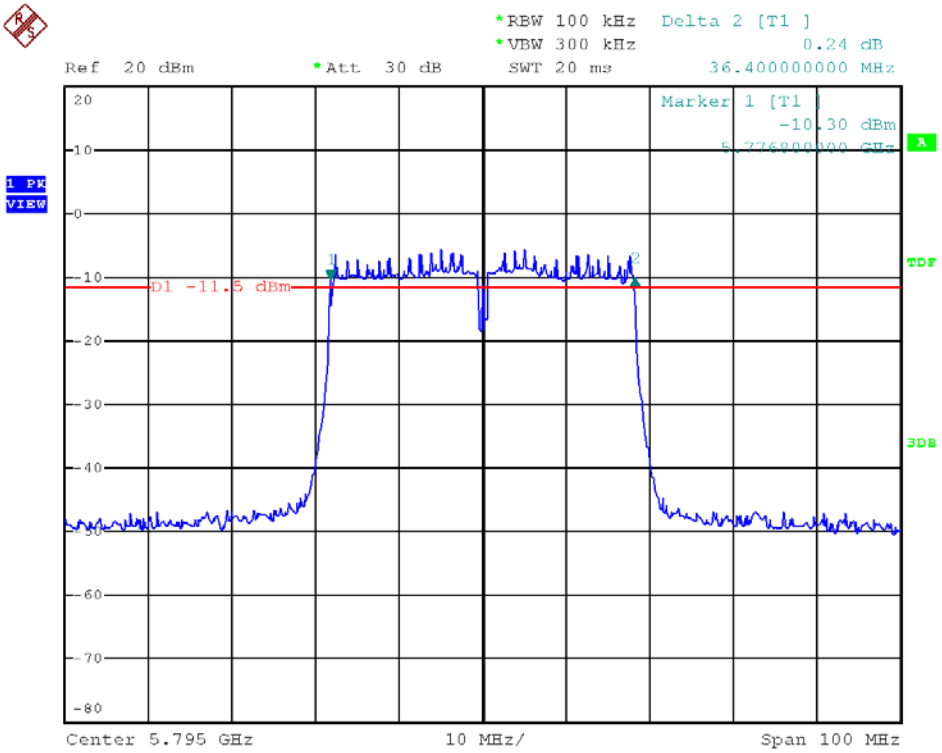
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT R
Channel: 159



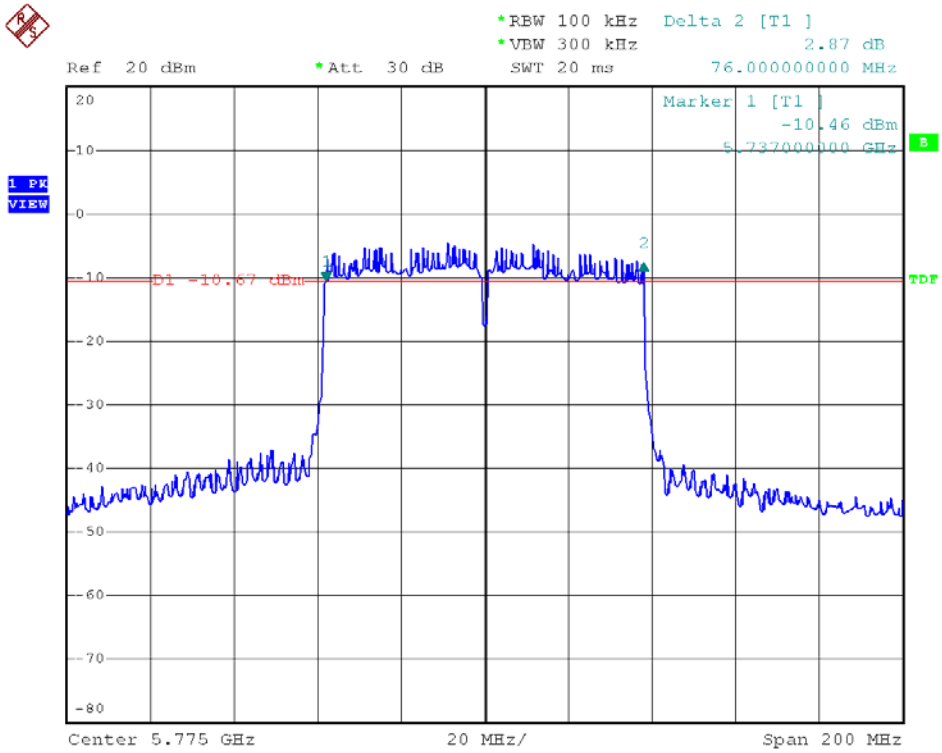
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT M
Channel: 159



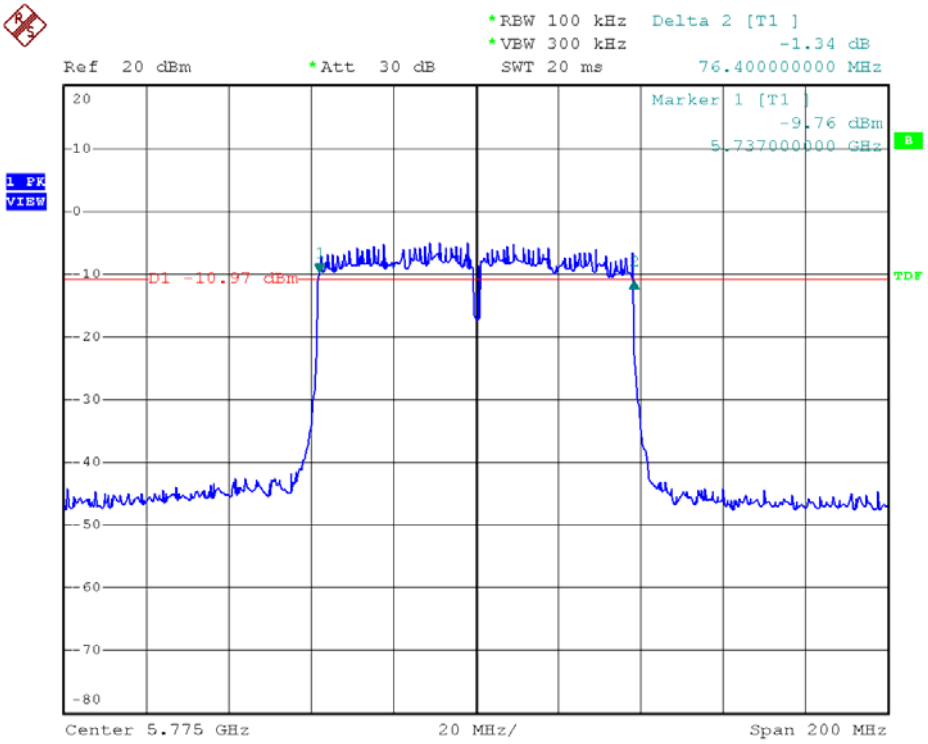
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT L
Channel: 159



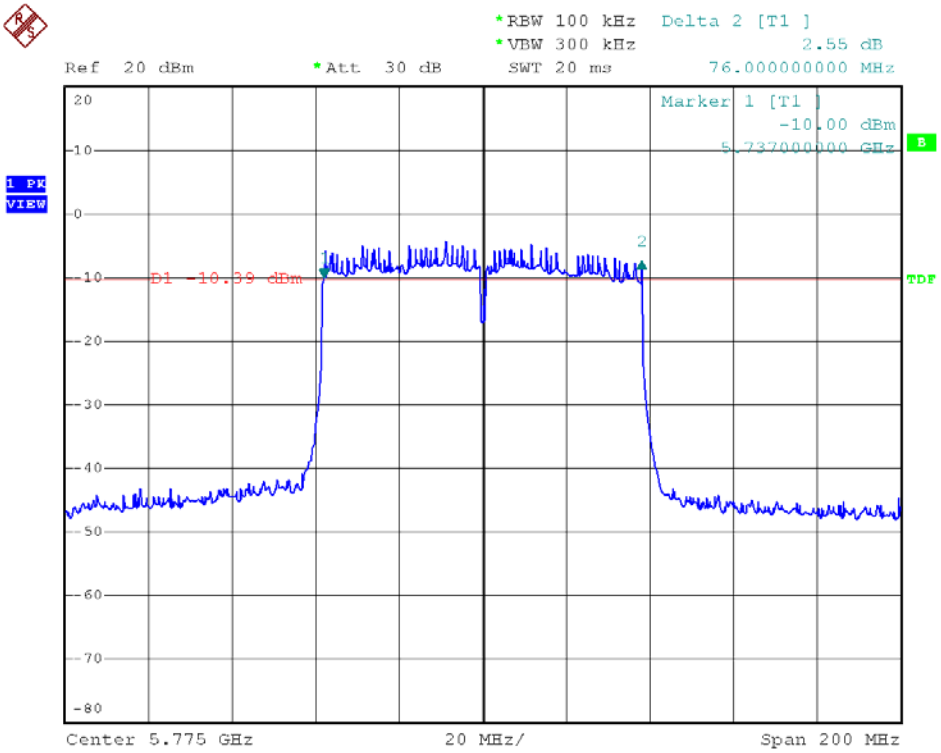
Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R
Channel: 155



Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT M
Channel: 155



Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT L
Channel: 155



7. Maximum Peak and Average Output Power

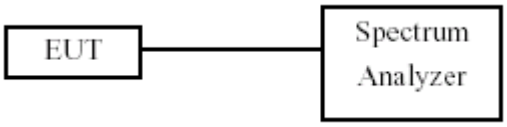
7.1 Test Limit

The Maximum Peak Output Power Measurement is 25.23dBm.

7.2 Test Procedures

a. The transmitter output was connected to the spectrum analyzer.
b. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.
c. Set detector mode to peak (for peak output power) or set detector mode to RMS (for average output power).
d. Use the spectrum analyzer's integrated band power measurement function with band limits set equal to the EBW band edges.
e. The maximum peak and average output power was measured and recorded.

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	2012/03/01	2013/02/28
SERIES POWER METER	ANRITSU	ML2495A	1224005	2012/06/22	2013/06/21
POWER SENSOR	ANRITSU	MA2411B	1207295	2012/07/09	2013/07/08

7.5 Test Result and Data

Test Date: Jan. 13, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)				Peak Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11b (1Mbps)	01	2412	16.60	16.48	16.44	21.28	134.23
	06	2437	16.44	16.36	16.46	21.19	131.57
	11	2462	16.70	16.55	16.30	21.29	134.62
802.11g (6Mbps)	01	2412	19.86	19.80	20.40	24.80	301.97
	06	2437	19.88	19.75	20.30	24.75	298.83
	11	2462	19.92	19.60	20.25	24.70	295.30

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)				Peak Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11n HT20 (6.5Mbps)	01	2412	19.90	18.03	21.35	24.74	297.72
	06	2437	20.50	19.05	20.14	24.71	295.83
	11	2462	18.22	19.00	20.06	23.93	247.20
802.11n HT40 (13.5Mbps)	03	2422	19.05	19.50	20.88	24.65	291.94
	06	2437	19.14	19.45	20.69	24.58	287.36
	09	2452	19.01	19.30	20.99	24.63	290.33

Test Date: Jan. 22, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)				Peak Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11ac VHT20 (6Mbps)	149	5745	20.34	20.30	20.55	25.17	328.80
	157	5785	20.00	20.24	20.30	24.95	312.83
	165	5825	20.02	20.30	20.04	24.89	308.54
802.11ac VHT40 (13.5Mbps)	151	5755	19.85	19.54	20.24	24.66	292.24
	159	5795	19.95	19.64	20.10	24.67	293.23
802.11ac VHT80 (29.3Mbps)	155	5775	19.20	19.89	20.15	24.54	284.19

Test Date: Jan. 13, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)				Average Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11b (1Mbps)	01	2412	12.48	12.44	12.37	17.20	52.60
	06	2437	12.51	12.35	12.42	17.20	52.46
	11	2462	12.60	12.57	12.27	17.25	53.13
802.11g (6Mbps)	01	2412	9.88	9.91	10.46	14.86	30.64
	06	2437	9.99	9.88	10.43	14.88	30.75
	11	2462	9.99	9.90	10.43	14.88	30.79

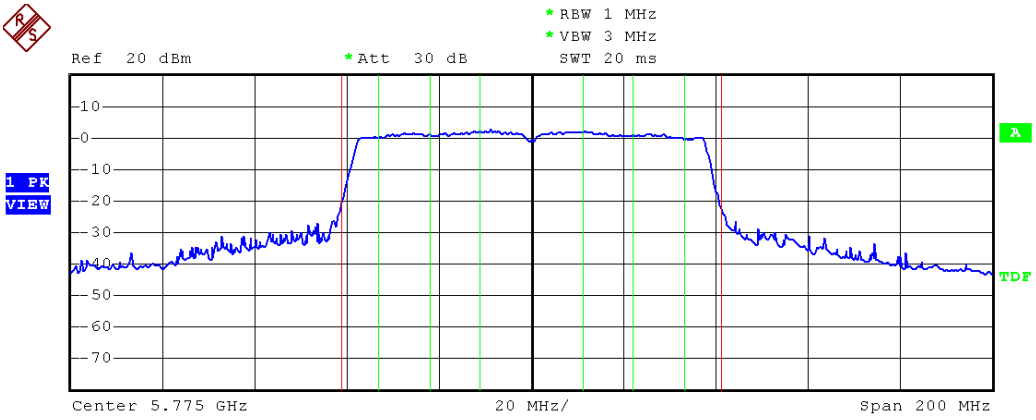
Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)				Peak Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11n HT20 (6.5Mbps)	01	2412	10.13	8.07	11.40	14.85	30.52
	06	2437	10.51	9.06	10.19	14.73	29.75
	11	2462	8.30	8.95	10.15	13.97	24.96
802.11n HT40 (13.5Mbps)	03	2422	9.02	9.40	10.67	14.53	28.36
	06	2437	9.02	9.28	10.59	14.46	27.91
	09	2452	8.86	9.42	11.01	14.63	29.06

Test Date: Jan. 22, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

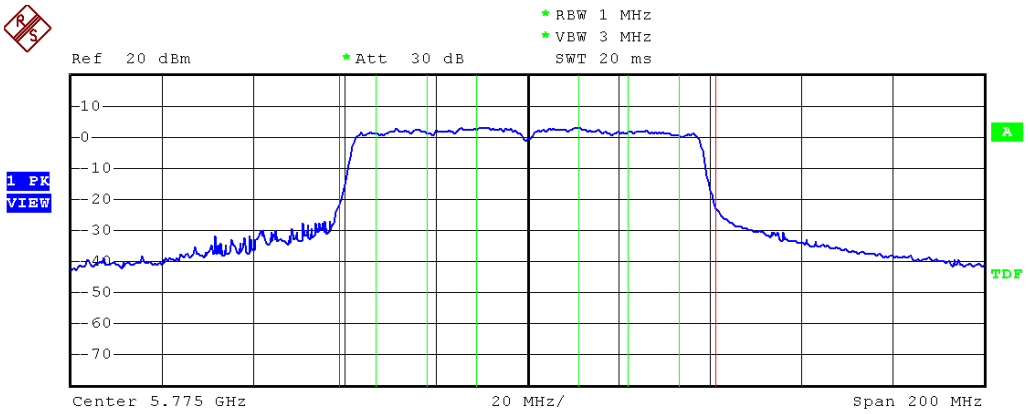
Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)				Peak Power Output (mW)
			ANT R	ANT M	ANT L	Total	Total
802.11ac VHT20 (6Mbps)	149	5745	10.79	10.70	10.95	15.59	36.19
	157	5785	10.51	10.47	10.65	15.32	34.00
	165	5825	10.54	10.61	10.45	15.31	33.92
802.11ac VHT40 (13.5Mbps)	151	5755	10.17	9.87	10.38	14.92	31.02
	159	5795	10.12	10.10	10.26	14.93	31.13
802.11ac VHT80 (29.3Mbps)	155	5775	11.96	11.83	11.93	16.68	46.54

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R, Peak Output Power
Channel: 155



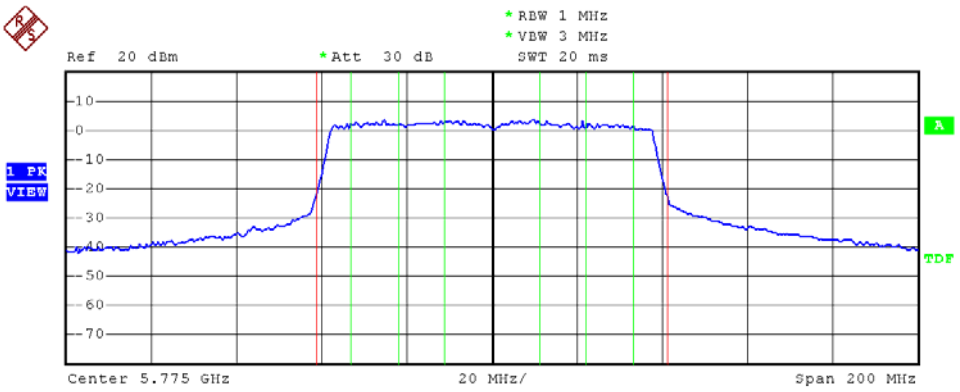
Tx Channel			
Bandwidth	82 MHz	Power	19.20 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.13 dB
Spacing	16.5 MHz	Upper	-8.26 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.50 dB
Spacing	27.5 MHz	Upper	-8.76 dB

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT M, Peak Output Power
Channel: 155



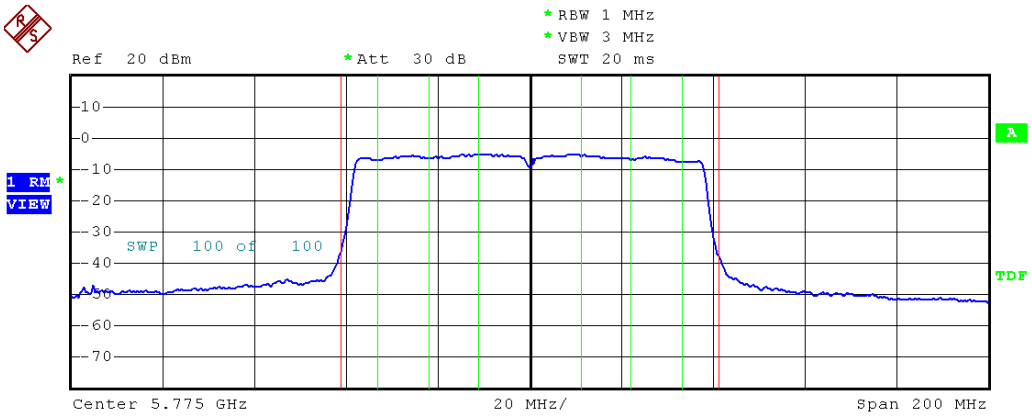
Tx Channel			
Bandwidth	82 MHz	Power	19.89 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.14 dB
Spacing	16.5 MHz	Upper	-8.40 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.42 dB
Spacing	27.5 MHz	Upper	-8.76 dB

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT L, Peak Output Power
Channel: 155



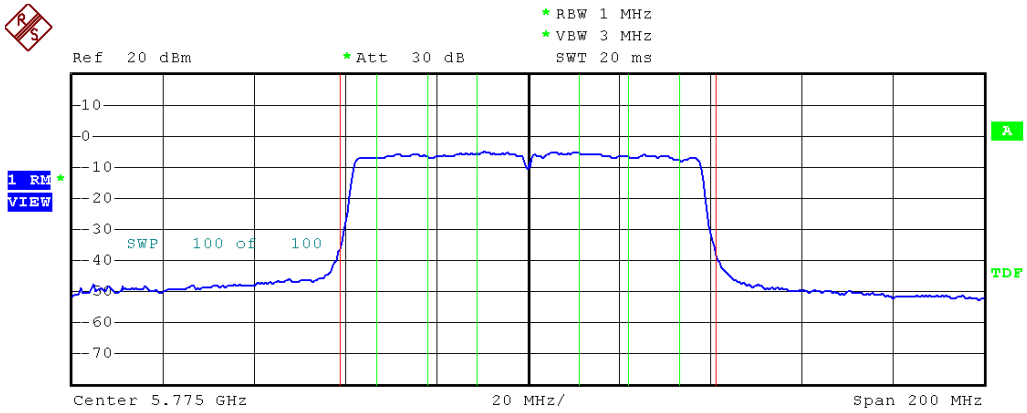
Tx Channel			
Bandwidth	82 MHz	Power	20.15 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.20 dB
Spacing	16.5 MHz	Upper	-8.49 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.22 dB
Spacing	27.5 MHz	Upper	-8.89 dB

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R, Average Output Power
Channel: 155



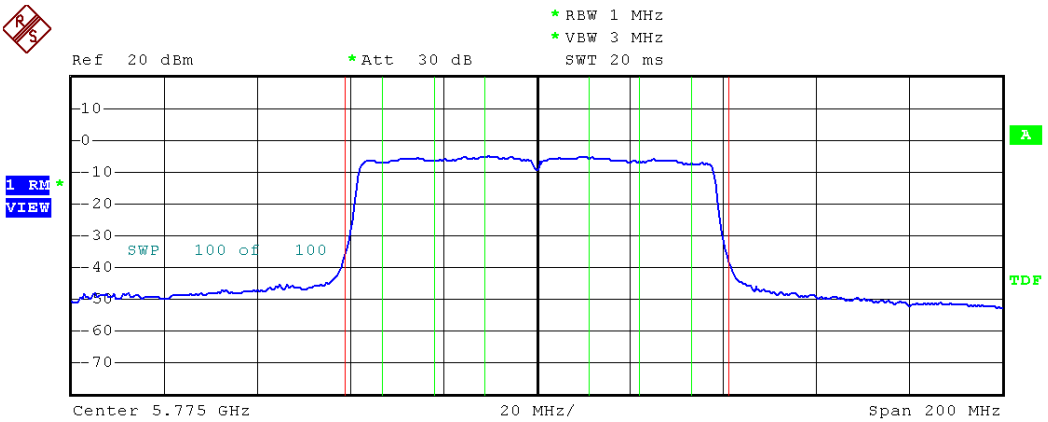
Tx Channel			
Bandwidth	82 MHz	Power	11.96 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.08 dB
Spacing	16.5 MHz	Upper	-8.41 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.36 dB
Spacing	27.5 MHz	Upper	-8.89 dB

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT M, Average Output Power
Channel: 155



Tx Channel			
Bandwidth	82 MHz	Power	11.83 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.20 dB
Spacing	16.5 MHz	Upper	-8.28 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.47 dB
Spacing	27.5 MHz	Upper	-8.78 dB

Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT L, Average Output Power
Channel: 155



Tx Channel			
Bandwidth	82 MHz	Power	11.93 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-8.05 dB
Spacing	16.5 MHz	Upper	-8.41 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-8.38 dB
Spacing	27.5 MHz	Upper	-8.90 dB

8. Power Spectral Density

8.1 Test Limit

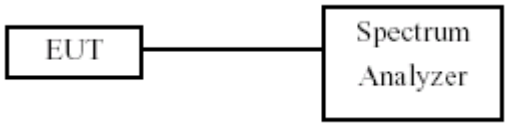
The Maximum of Power Spectral Density Measurement is 3.23dBm.

(Limit= 8dBm-(10.77dBi - 6dBi) = 3.23dBm)

8.2 Test Procedures

a. The transmitter output was connected to spectrum analyzer.
b. The spectrum analyzer's resolution bandwidth were set at 100KHz RBW and 300KHz VBW as that of the fundamental frequency. Set the sweep time=auto couple.
c. The power spectral density was measured and recorded.

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	2012/03/01	2013/02/28

8.5 Test Result and Data

Test Date: Jan. 23, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT R	ANT M	ANT L
802.11b (1Mbps)	01	2412	-12.63	-10.61	-11.43
	06	2437	-12.32	-10.95	-11.99
	11	2462	-11.74	-11.07	-12.27
802.11g (6Mbps)	01	2412	-14.82	-14.99	-14.48
	06	2437	-15.21	-15.02	-16.87
	11	2462	-15.45	-14.05	-15.63

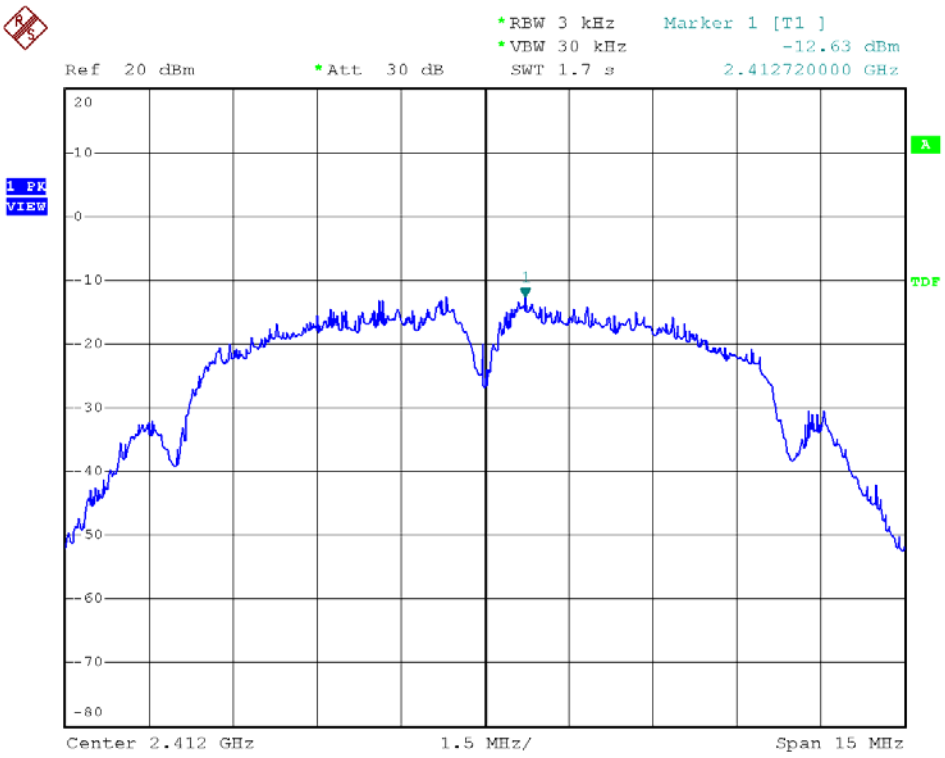
Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)			
			ANT R	ANT M	ANT L	Total
802.11n HT20 (6.5Mbps)	01	2412	-14.88	-16.52	-15.16	-10.69
	06	2437	-15.17	-16.90	-15.16	-10.90
	11	2462	-16.95	-16.77	-15.50	-11.59
802.11n HT40 (13.5Mbps)	03	2422	-17.51	-16.78	-14.67	-11.38
	06	2437	-15.84	-18.24	-16.09	-11.83
	09	2452	-17.02	-20.31	-15.65	-12.49

Test Date: Jan. 22, 2013 Temperature: 22℃

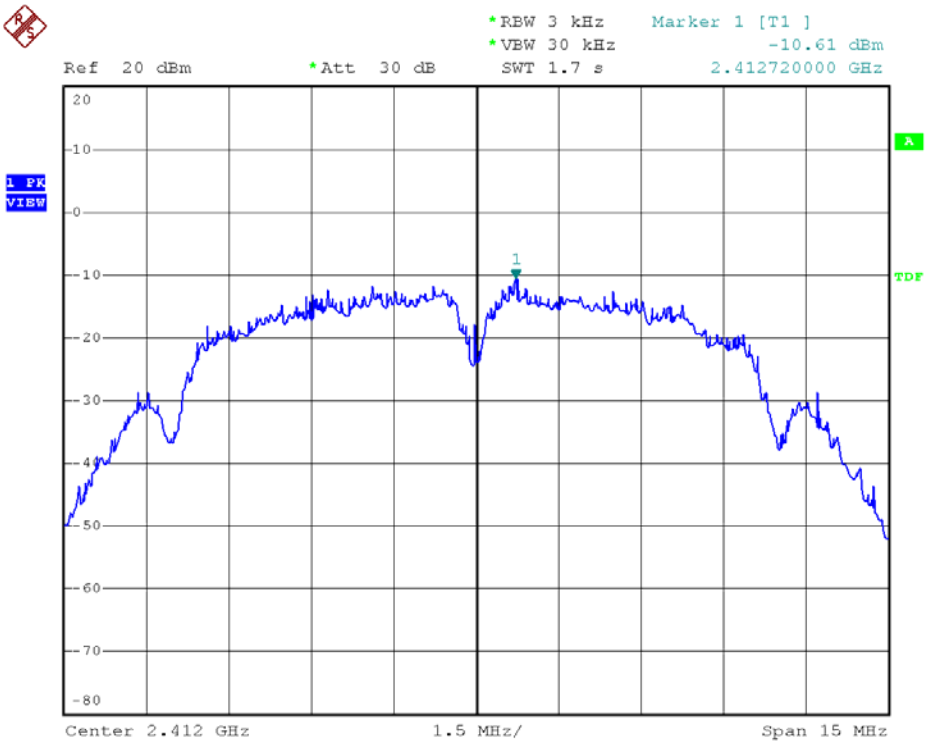
Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)			
			ANT R	ANT M	ANT L	Total
802.11ac VHT20 (6.5Mbps)	149	5745	-16.15	-14.90	-11.84	-9.13
	157	5785	-15.43	-15.32	-11.11	-8.68
	165	5825	-15.45	-15.00	-13.94	-9.98
802.11ac VHT40 (13.5Mbps)	151	5755	-17.33	-19.09	-12.80	-10.79
	159	5795	-18.49	-19.52	-13.67	-11.66
802.11ac VHT80 (29.3Mbps)	155	5775	-19.92	-18.84	-15.09	-12.66

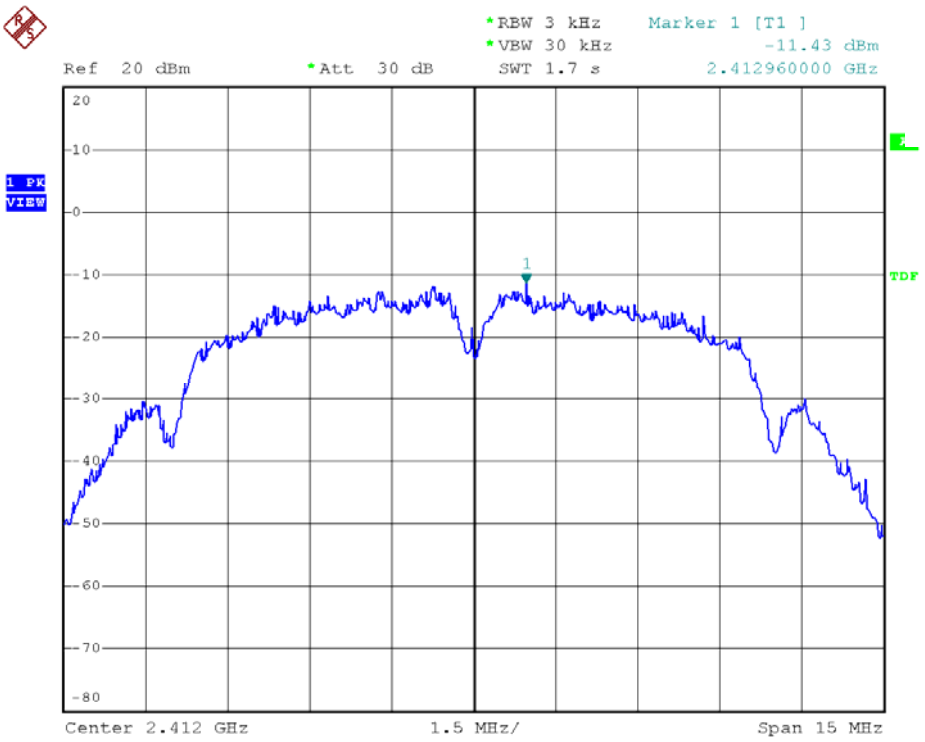
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



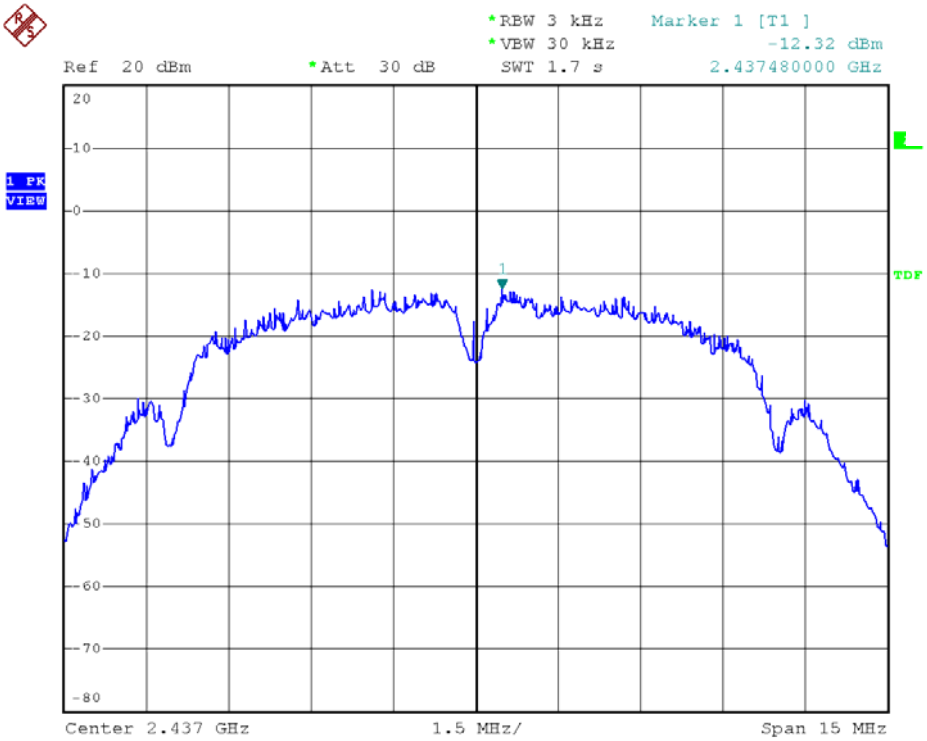
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 01



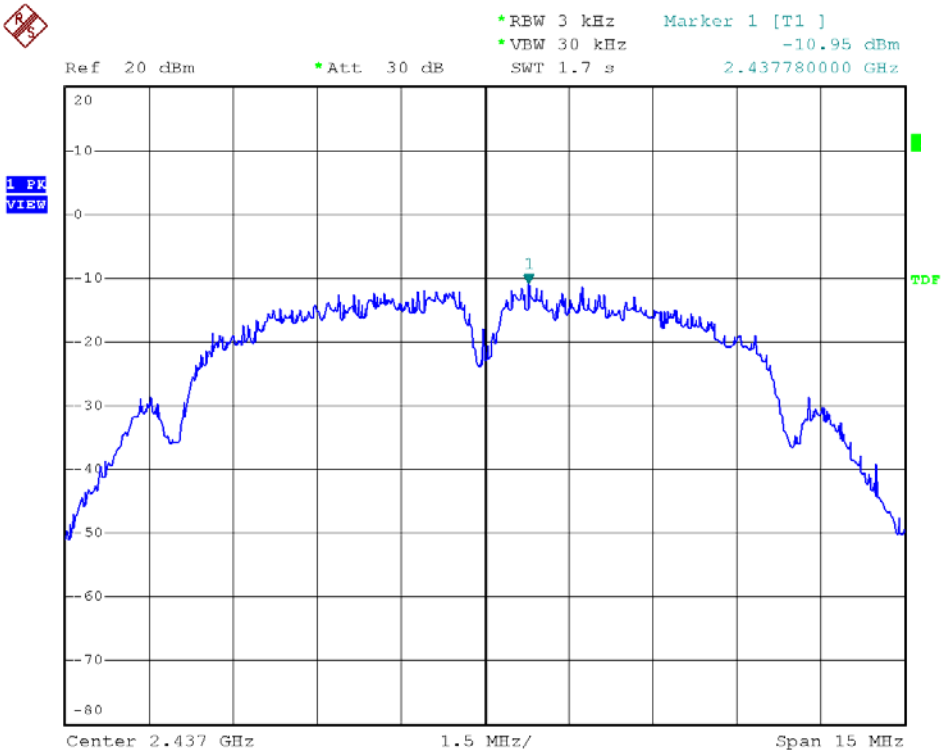
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



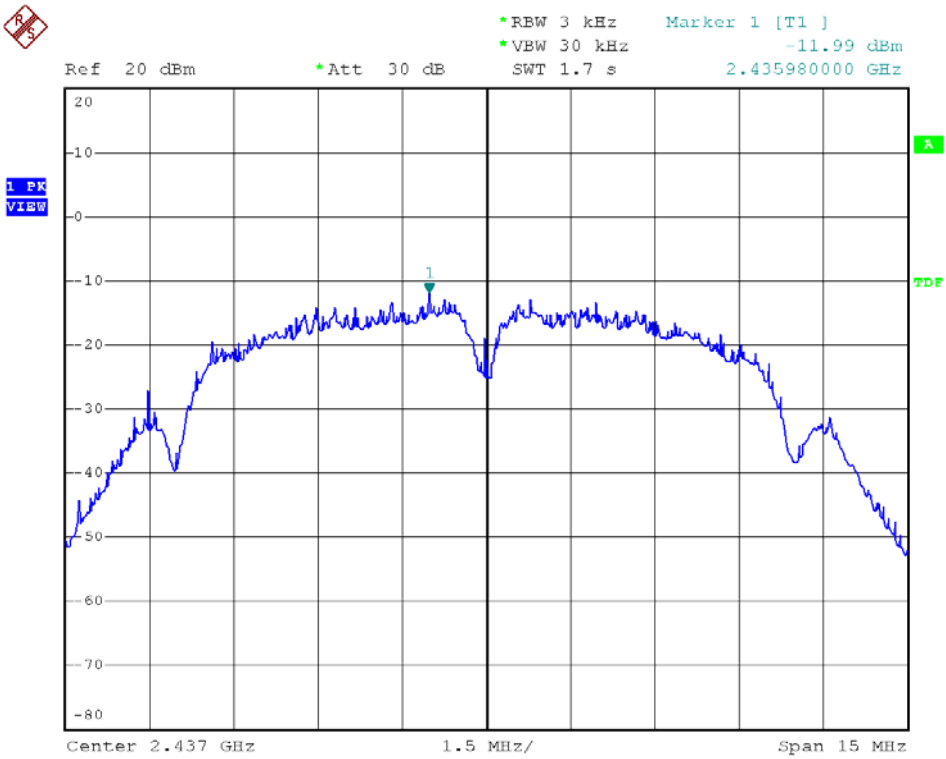
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 06



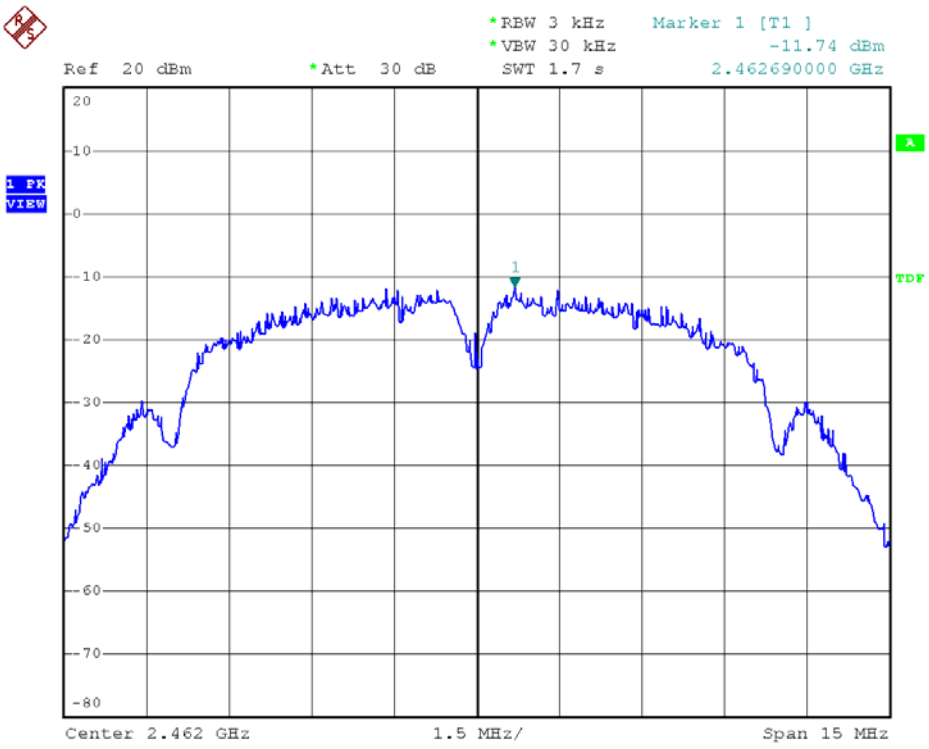
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 06



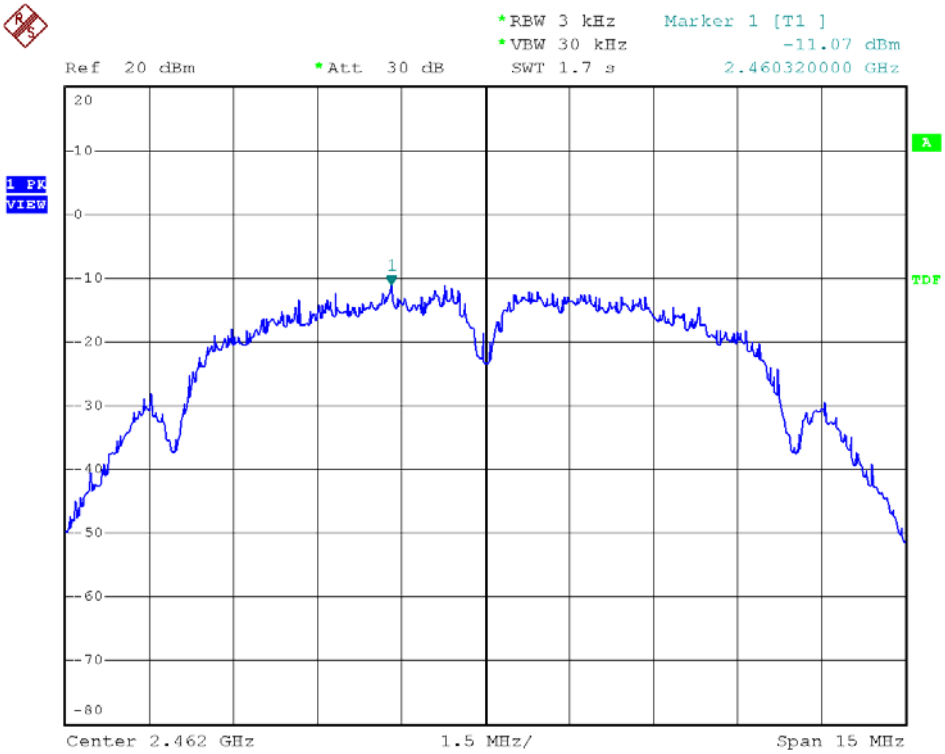
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 06



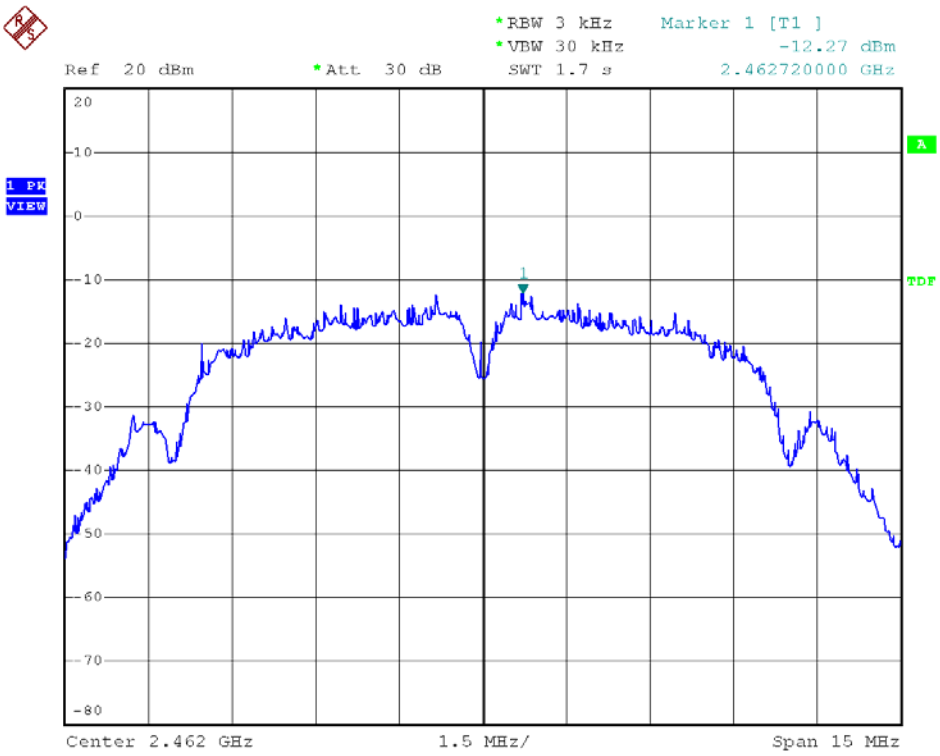
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



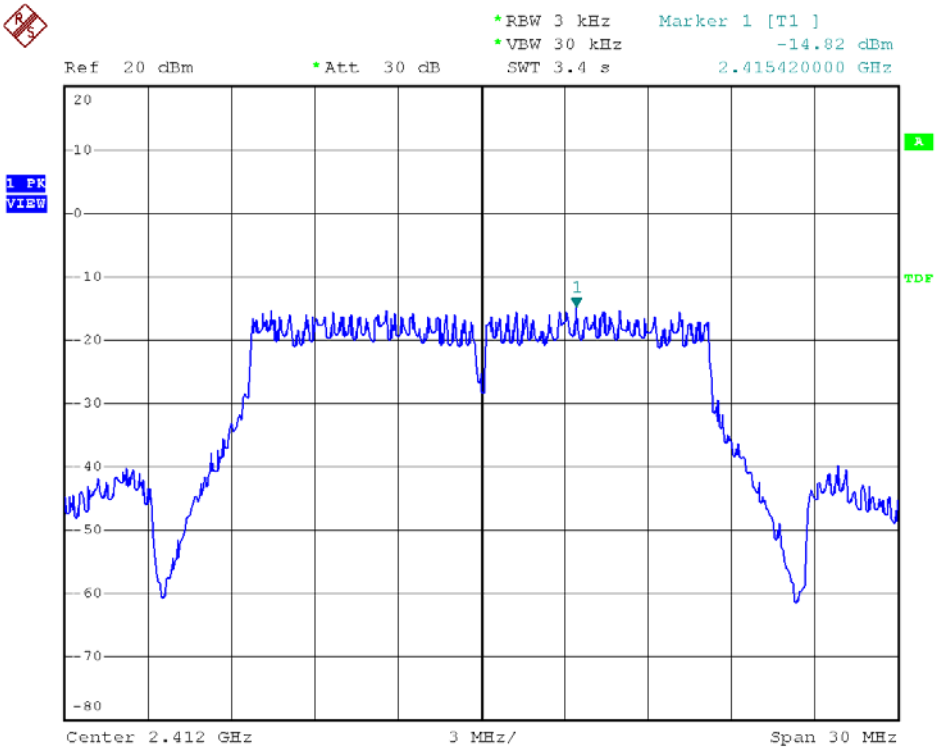
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 11



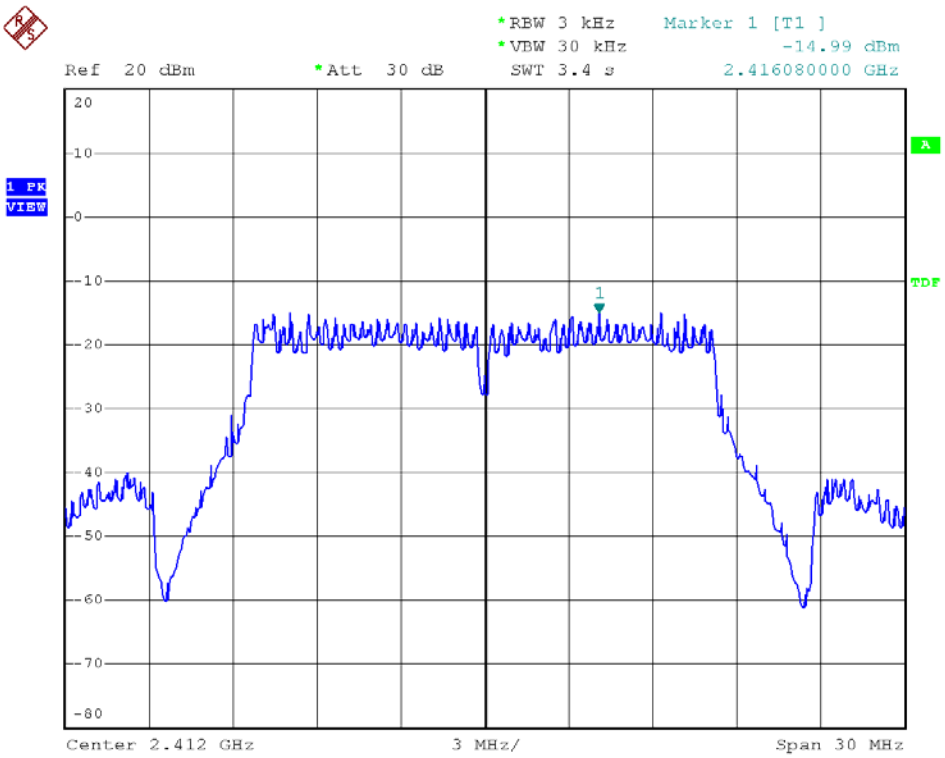
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



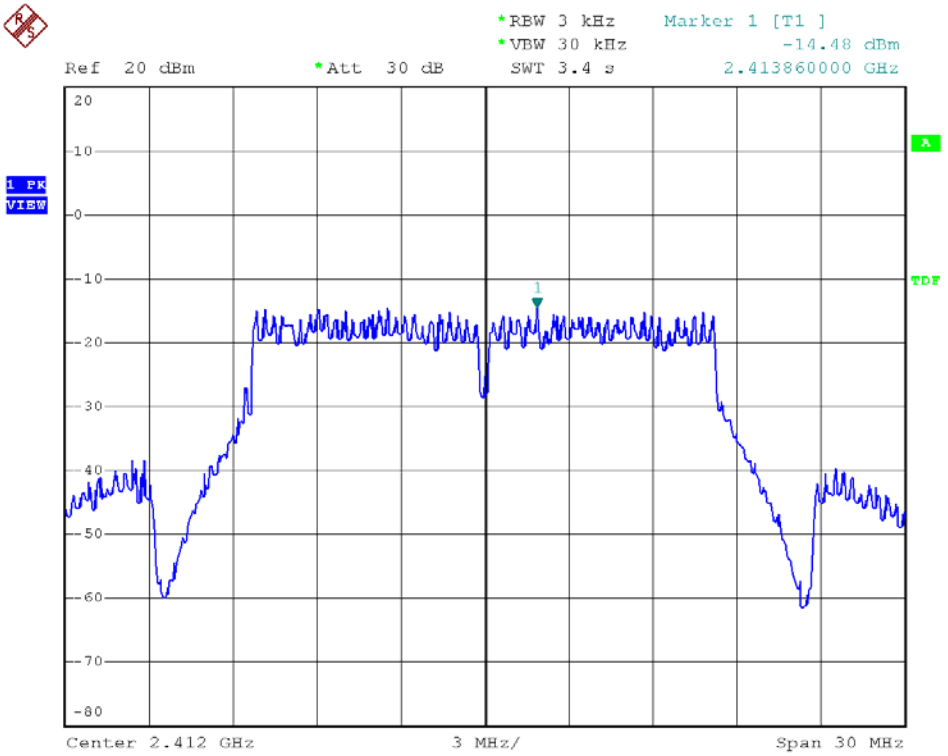
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



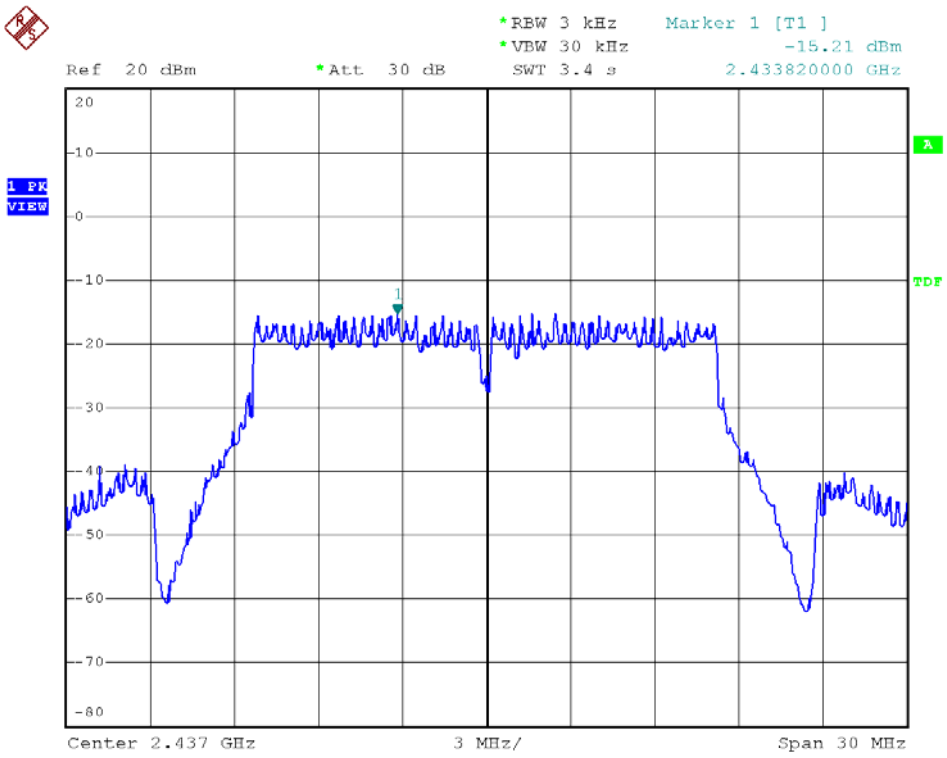
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 01



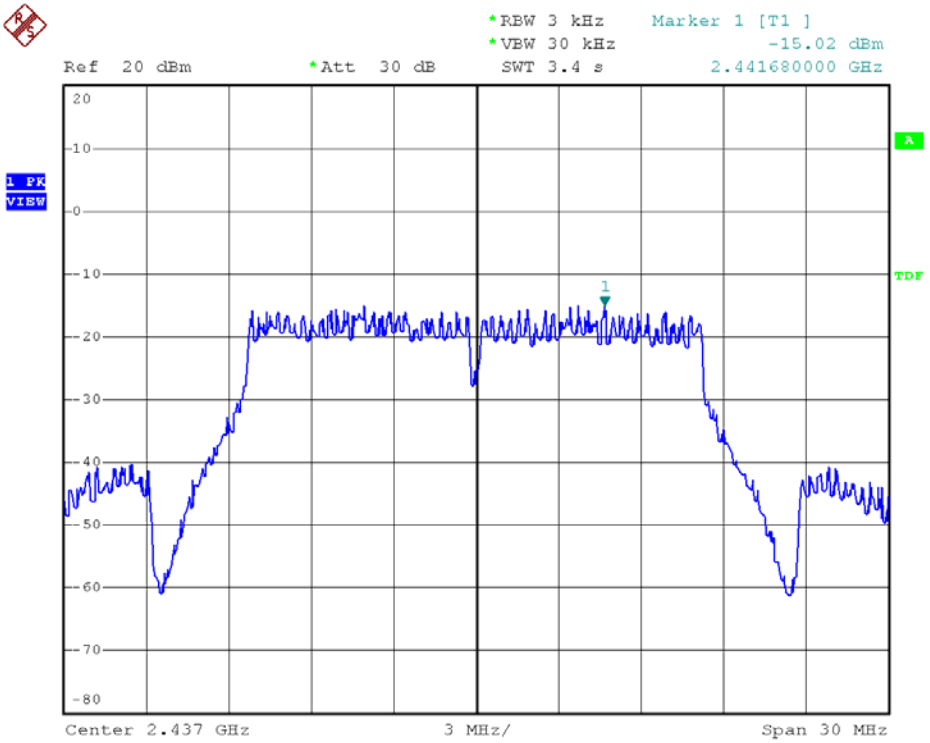
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



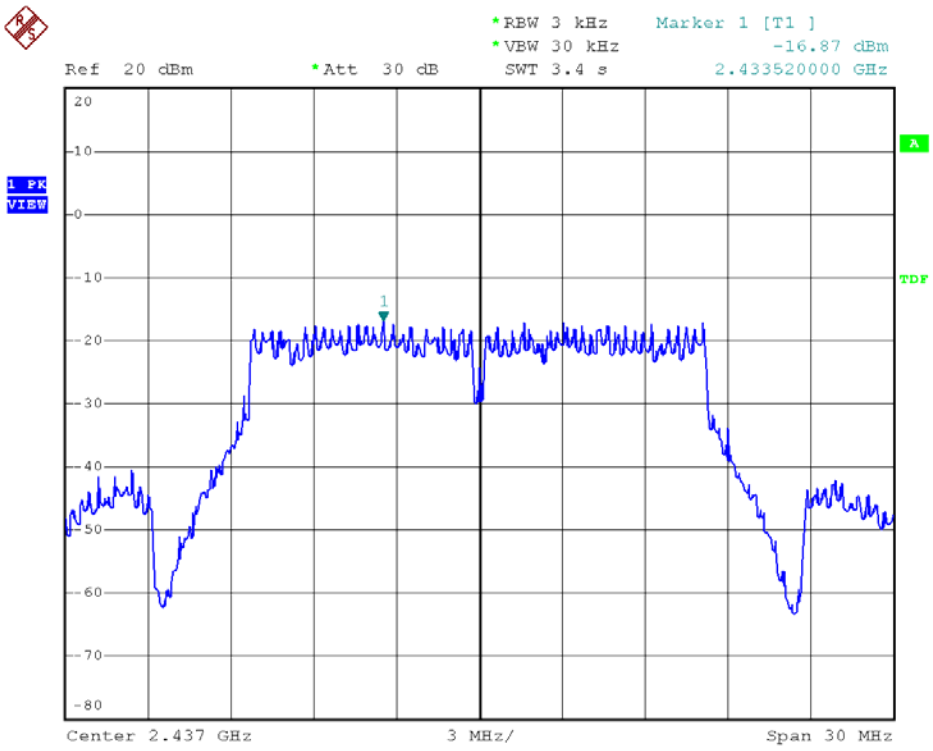
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 06



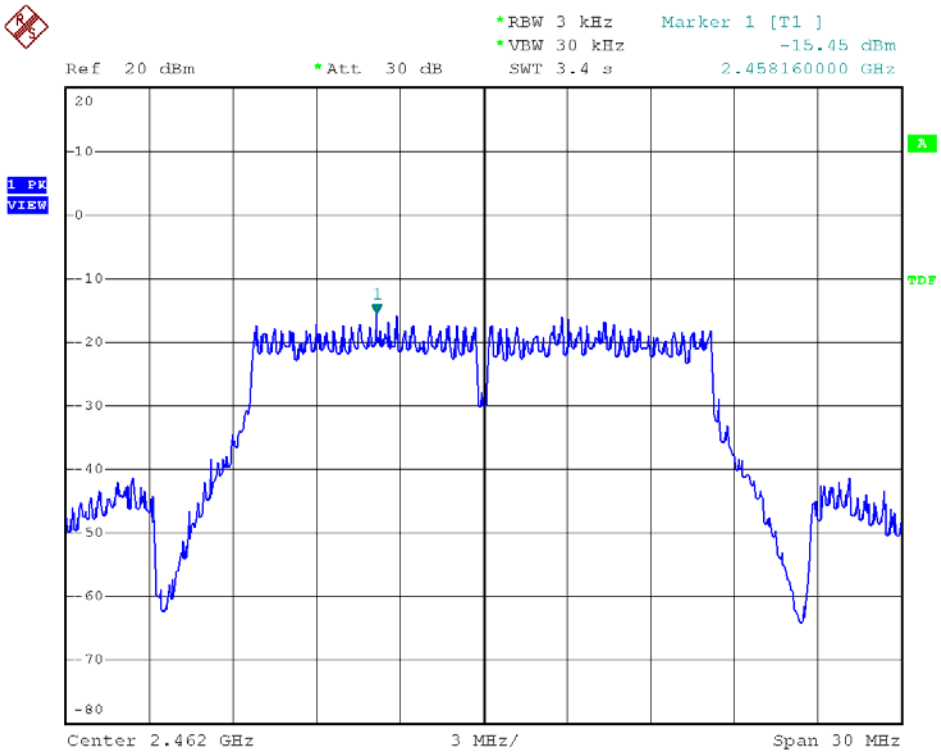
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 06



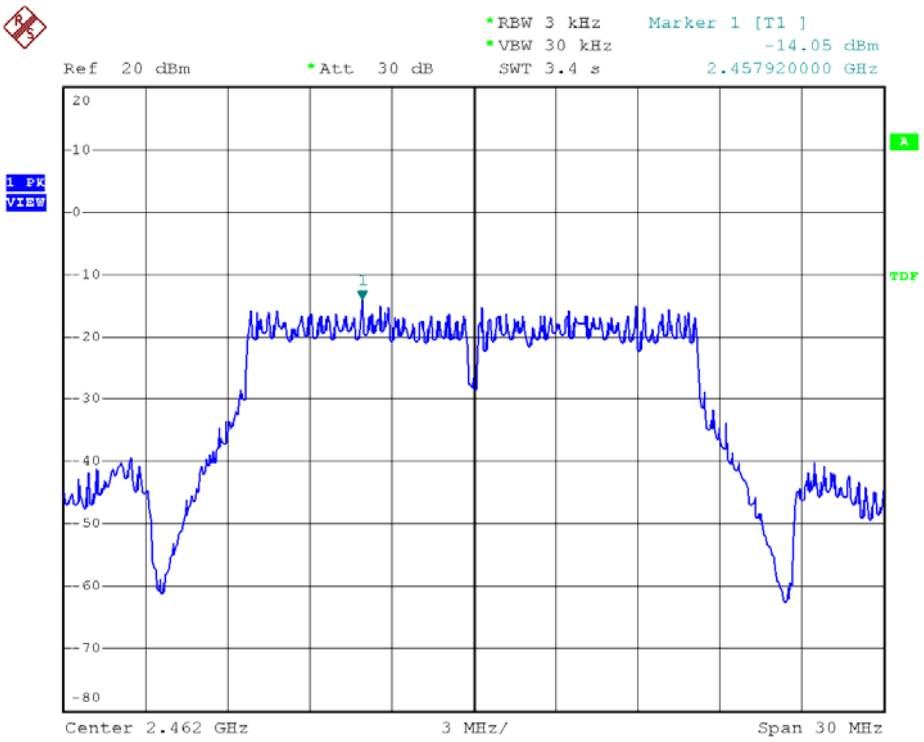
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 06



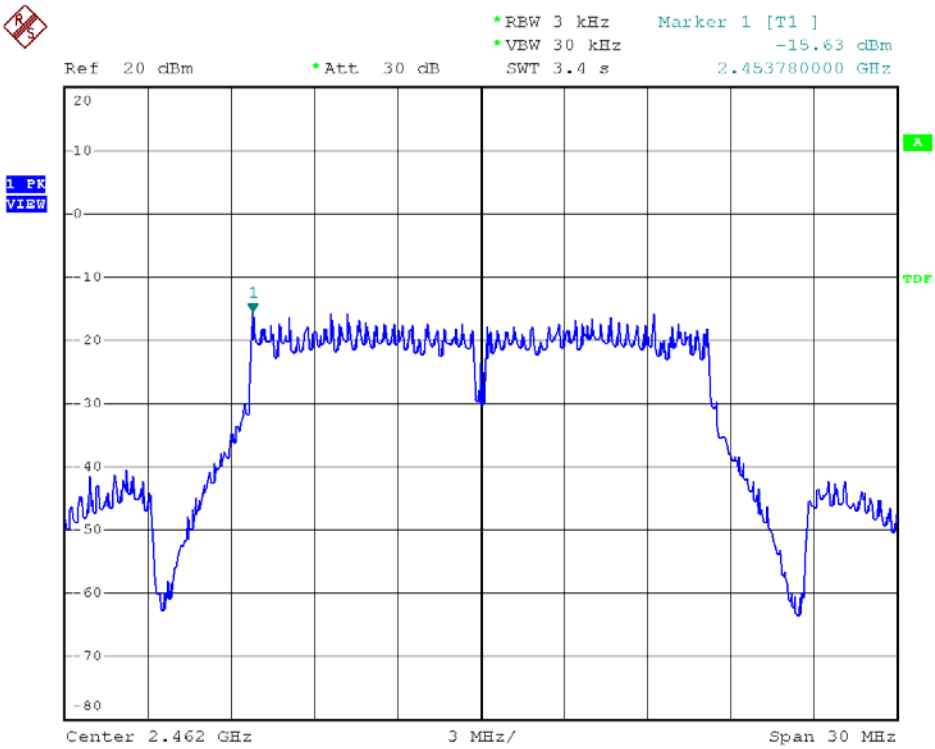
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



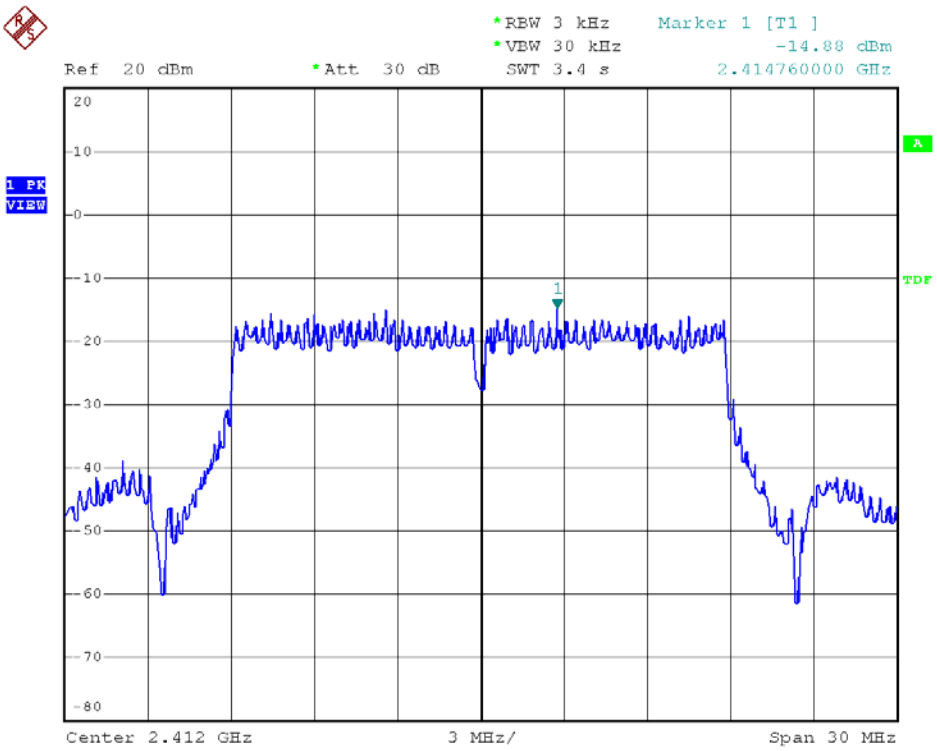
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 11



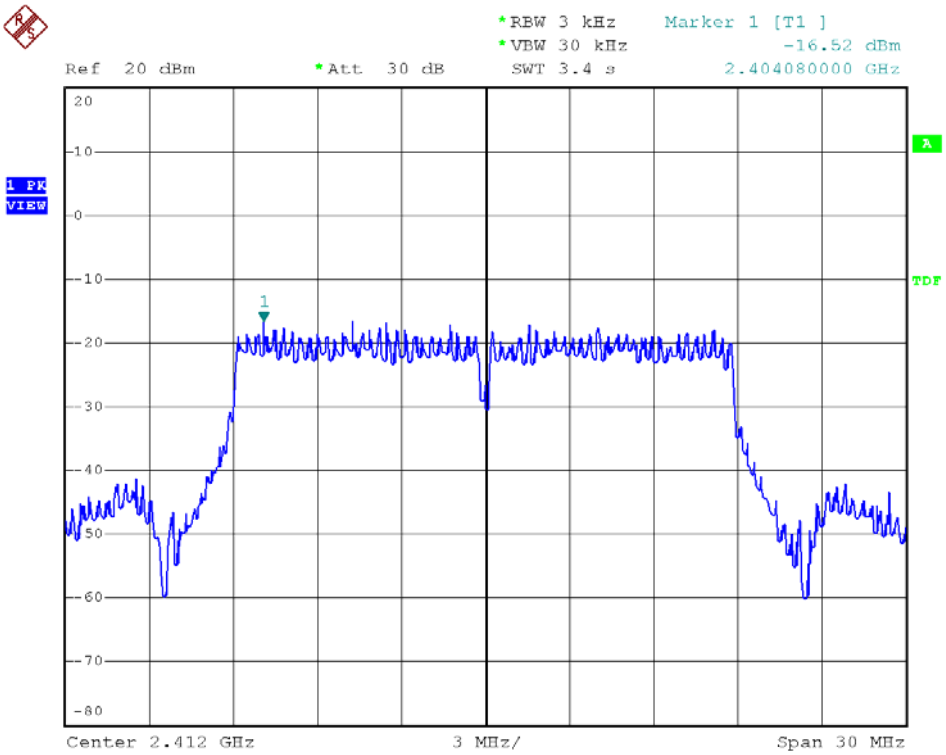
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



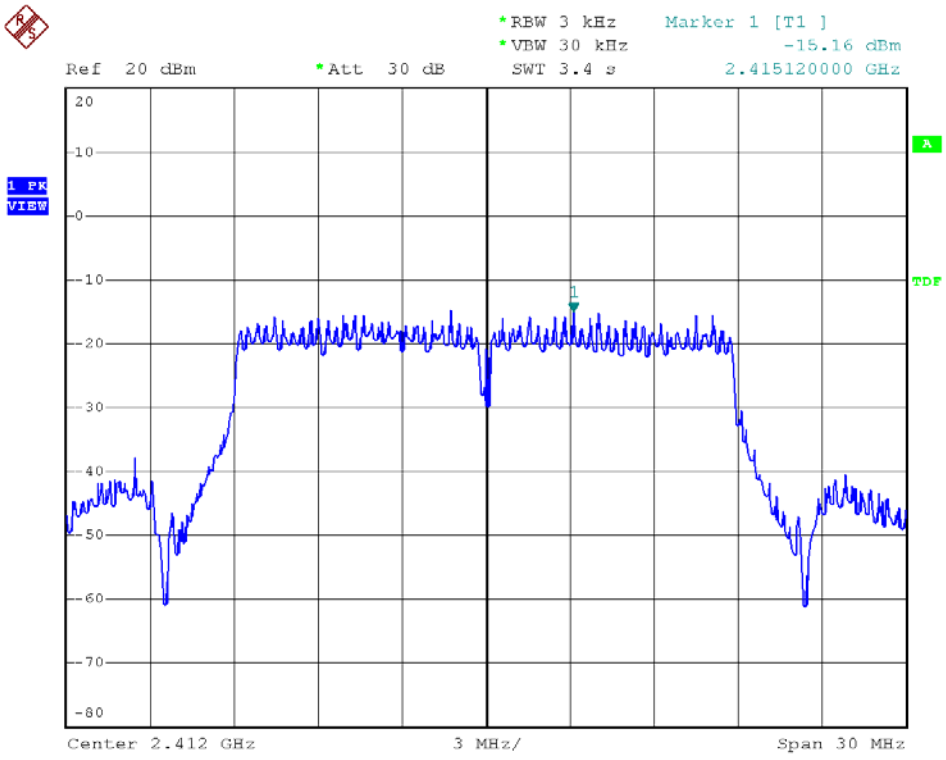
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 01



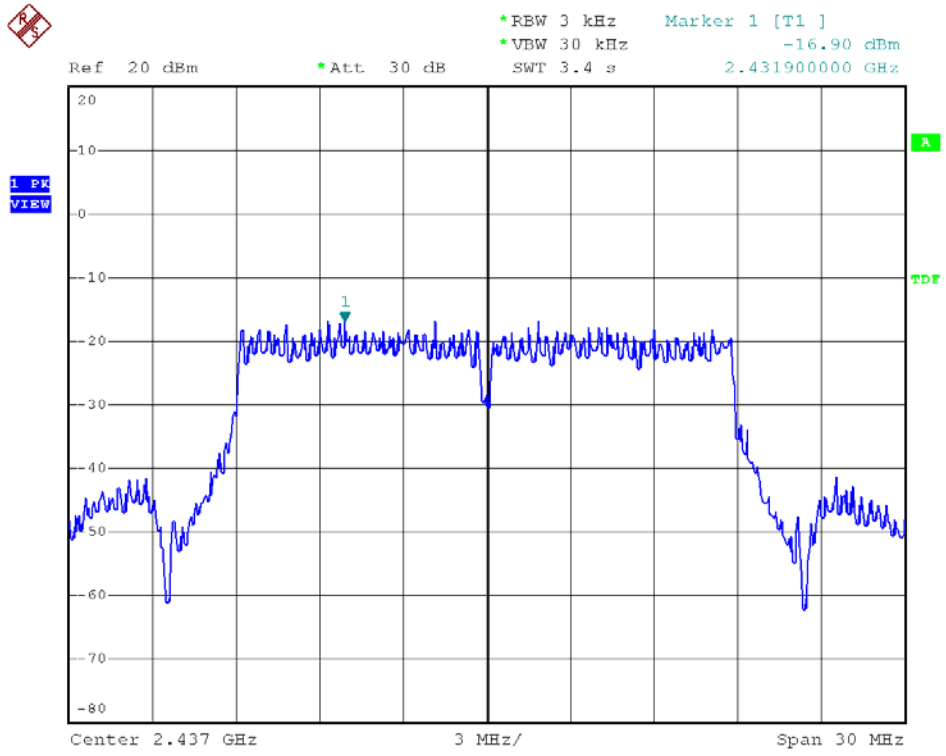
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 01



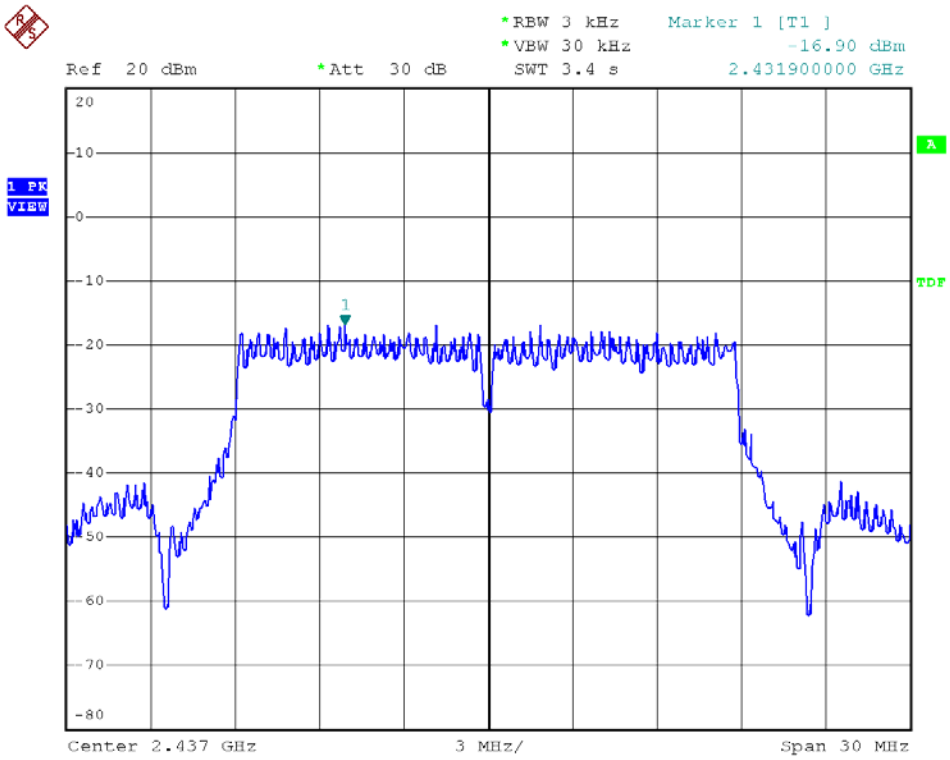
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 01



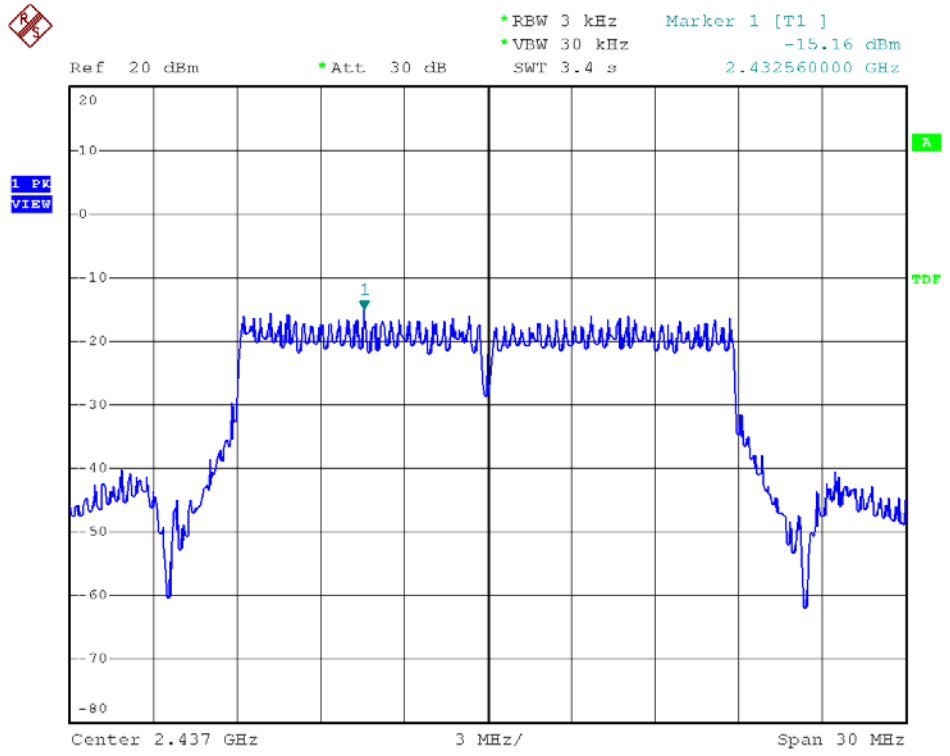
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 06



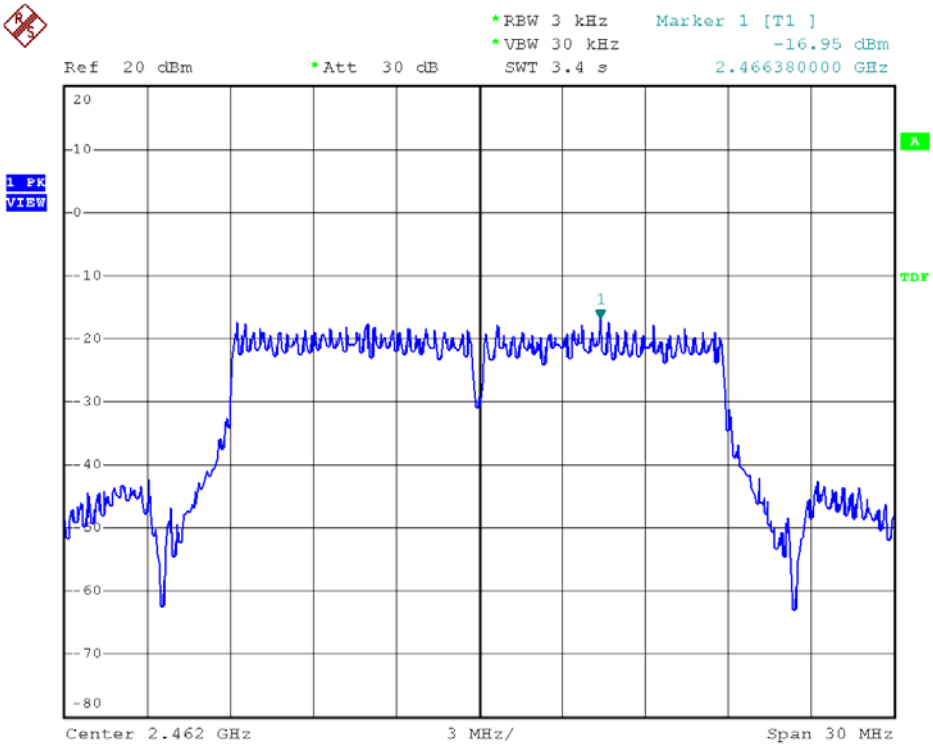
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 06



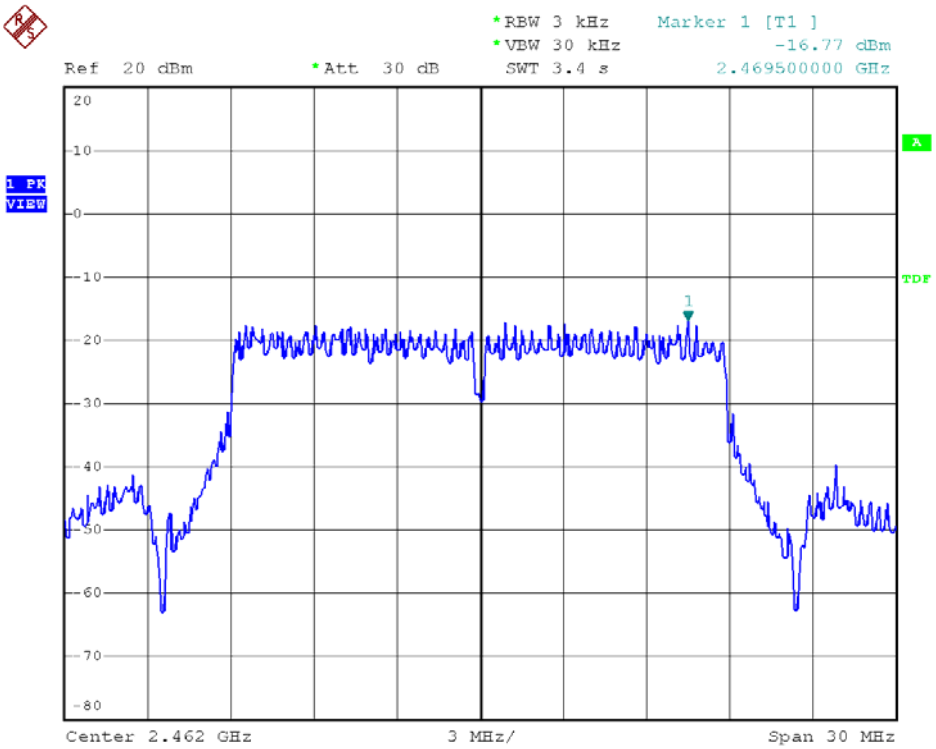
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 06



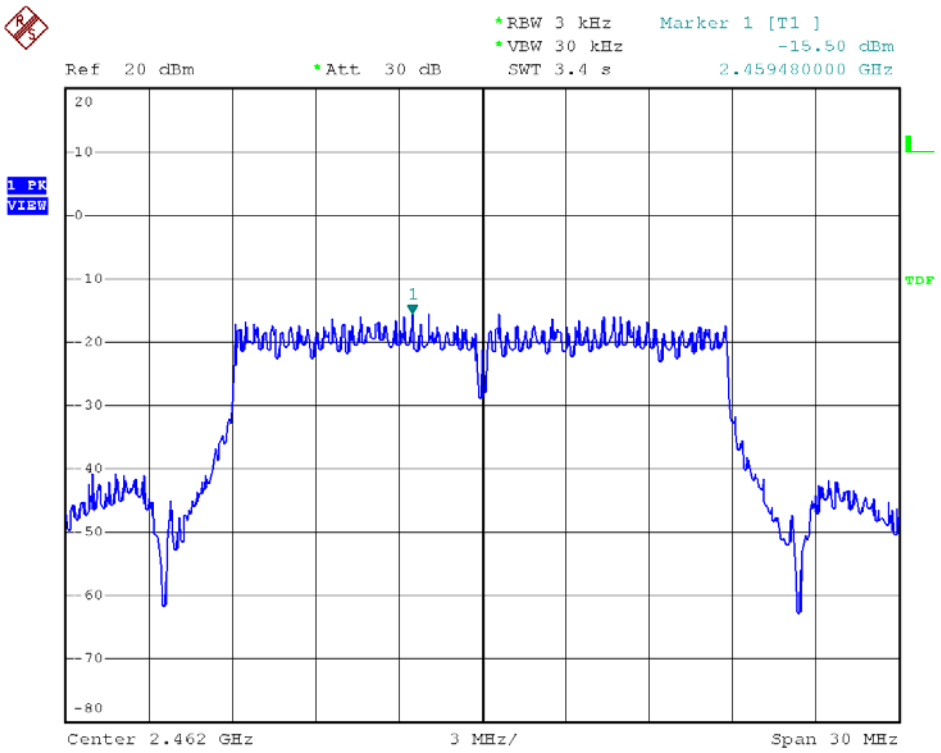
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 11



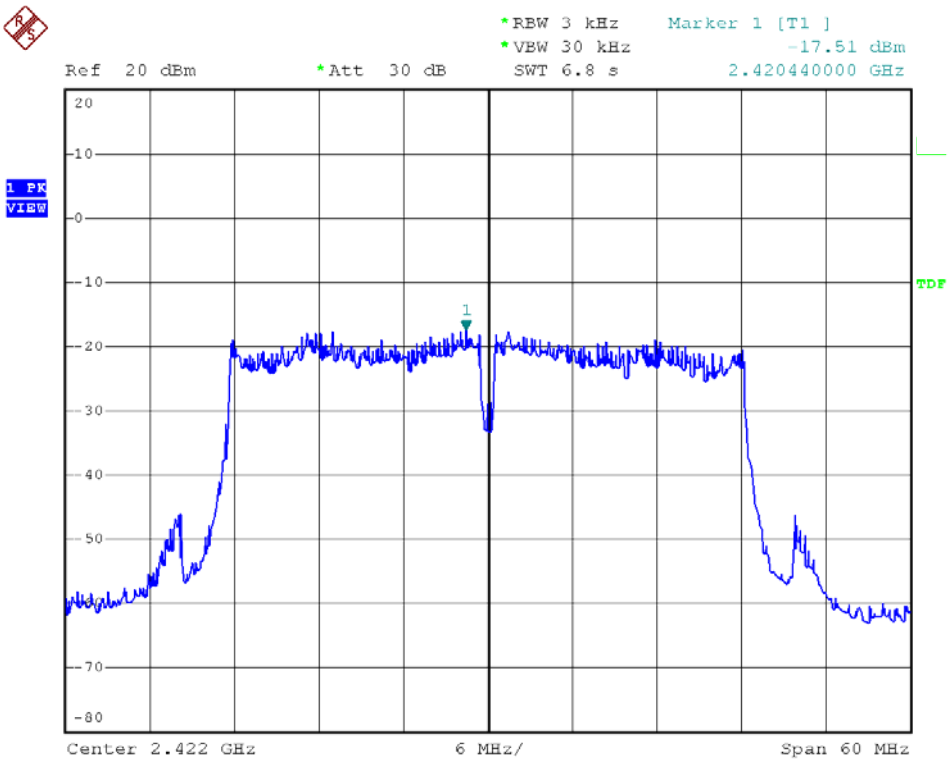
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 11



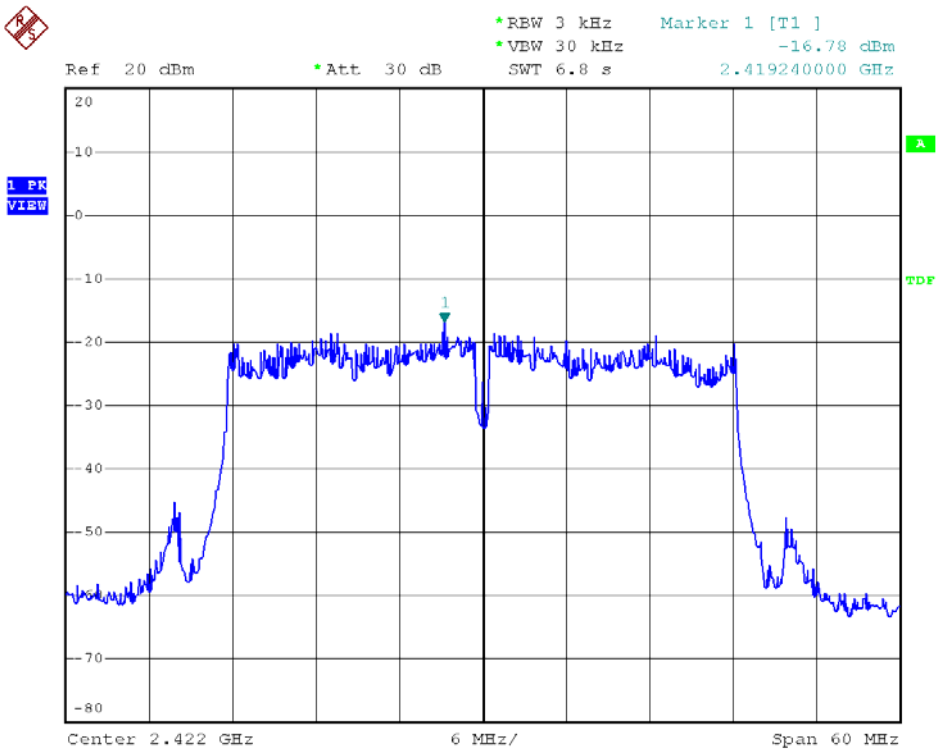
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 11



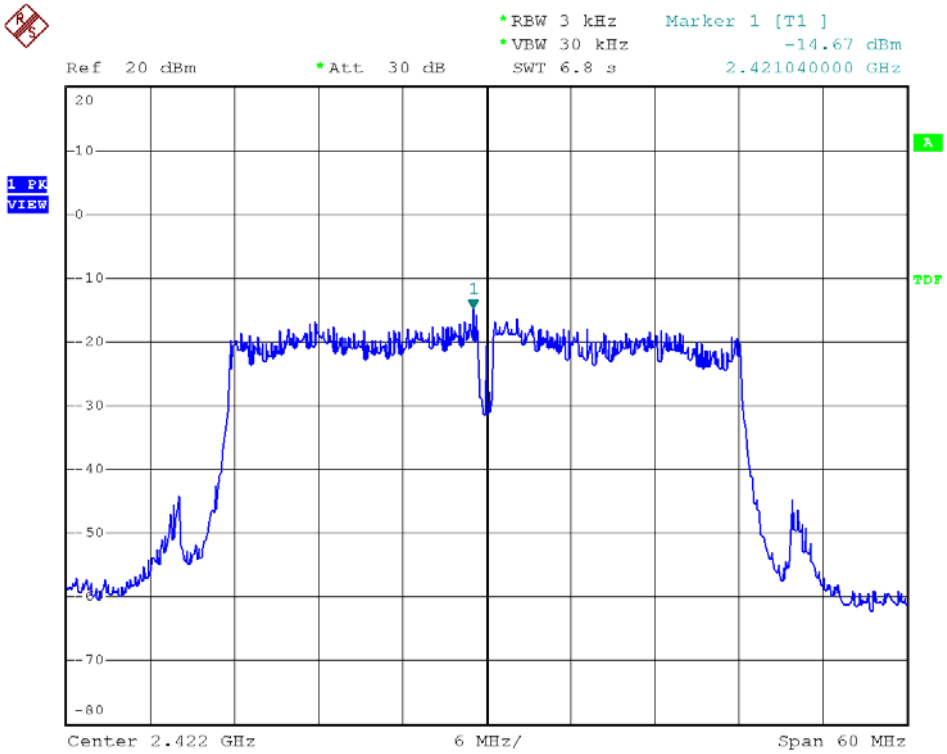
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 03



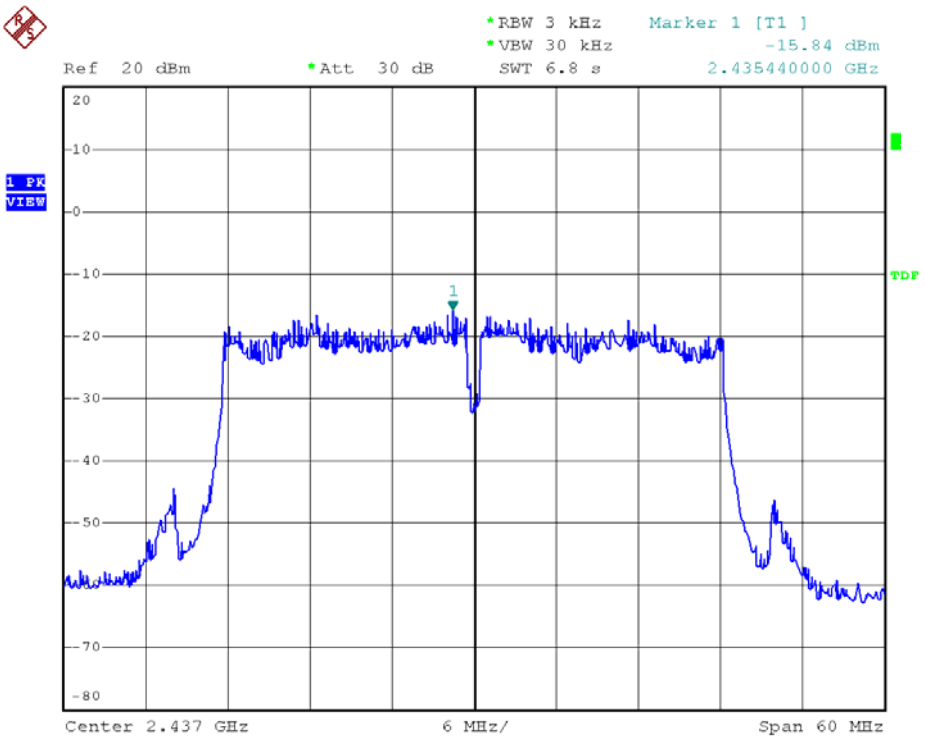
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 03



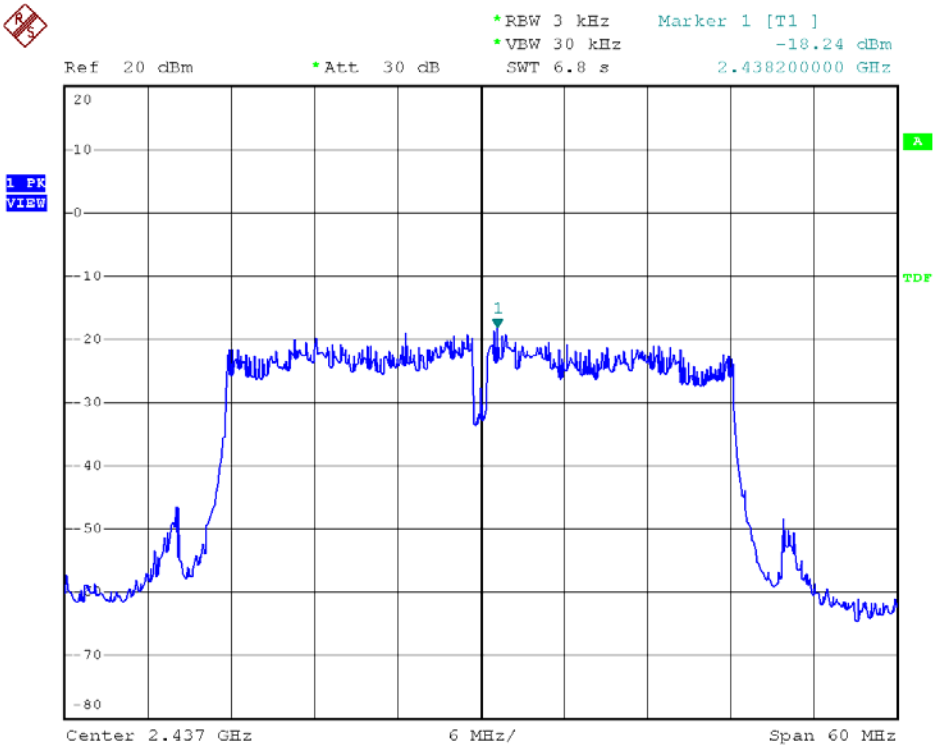
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 03



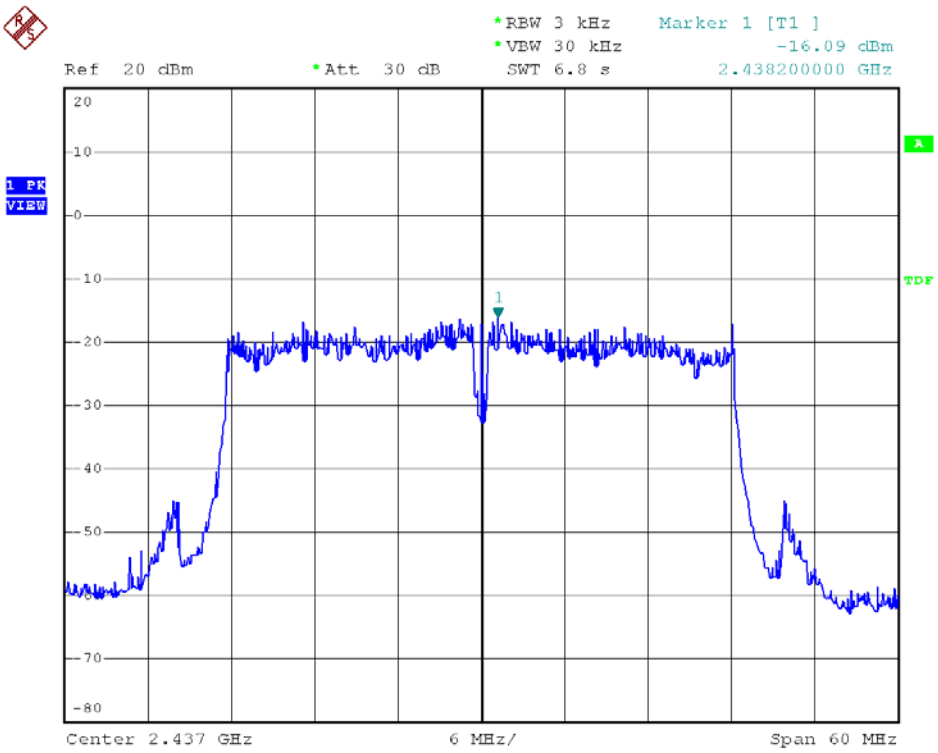
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 06



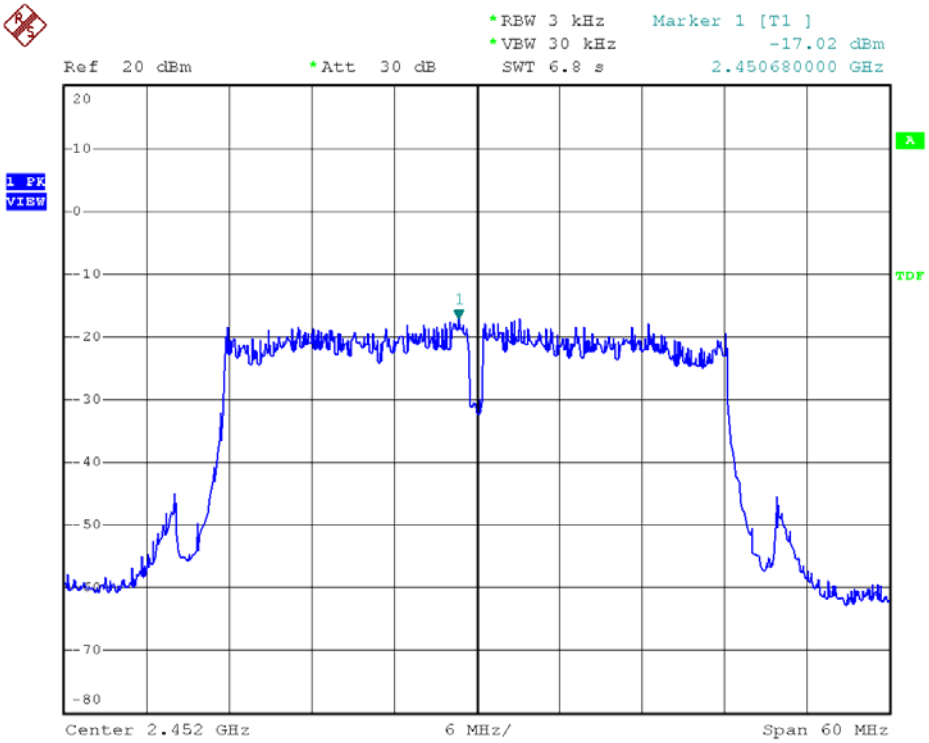
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 06



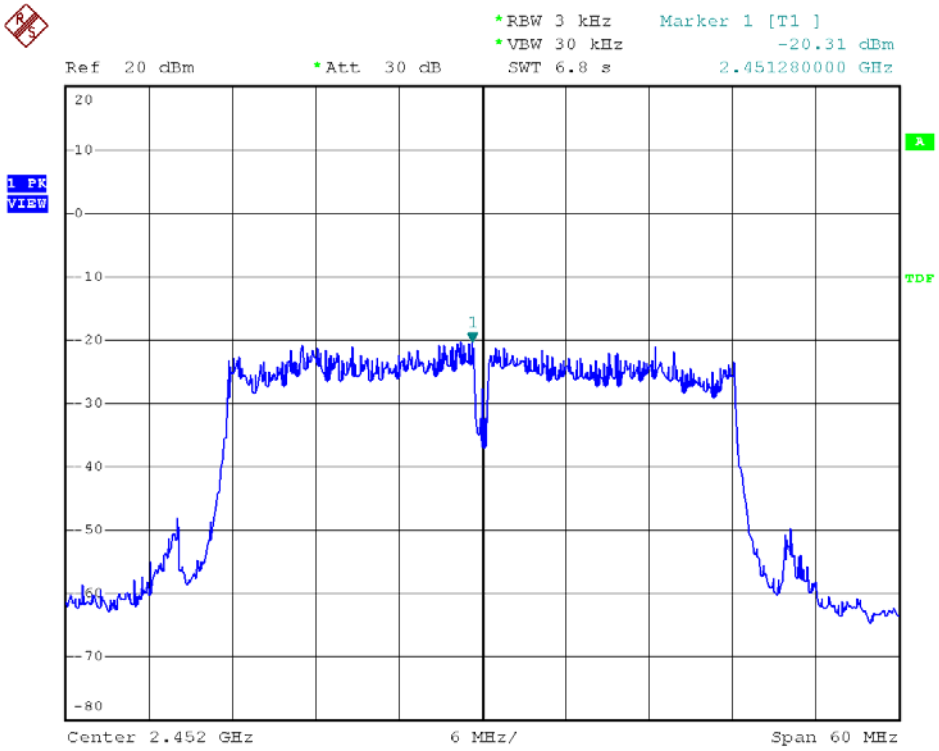
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 06



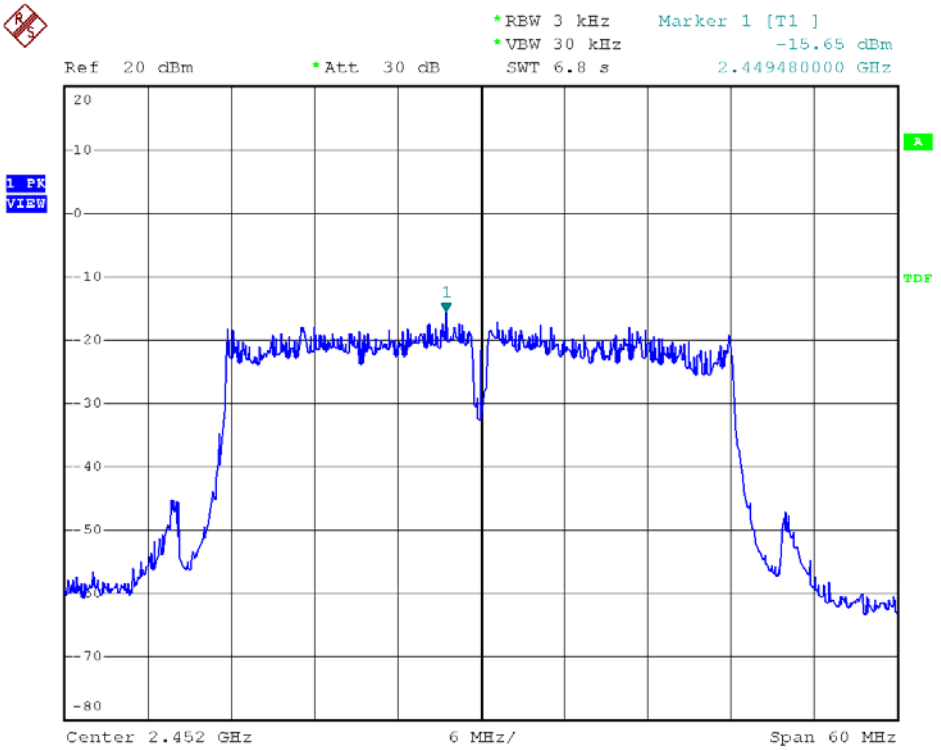
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 09



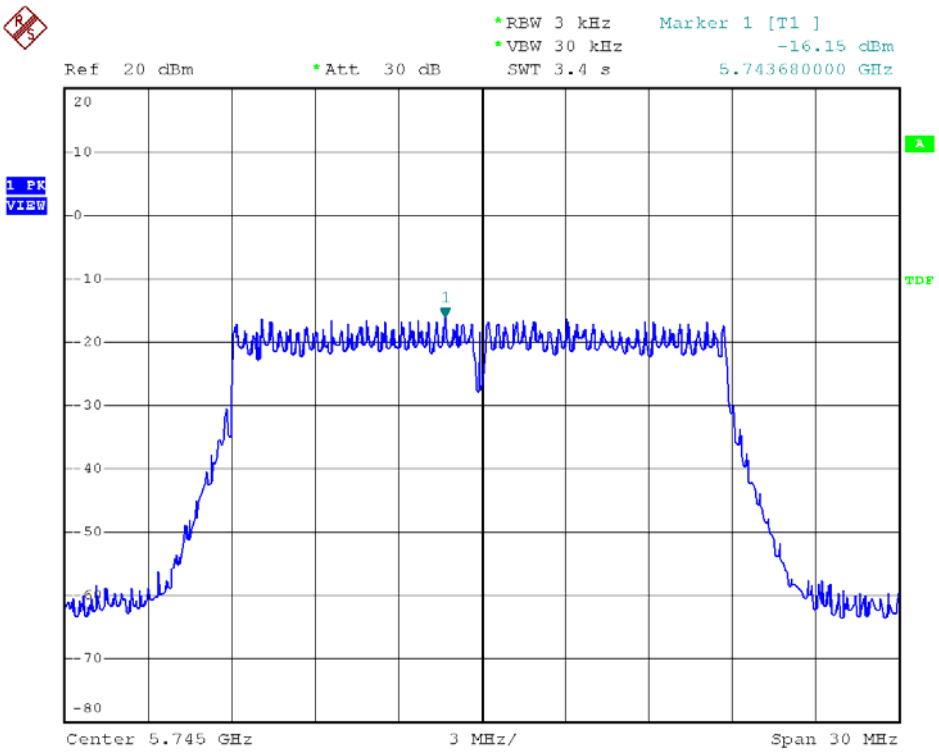
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 09



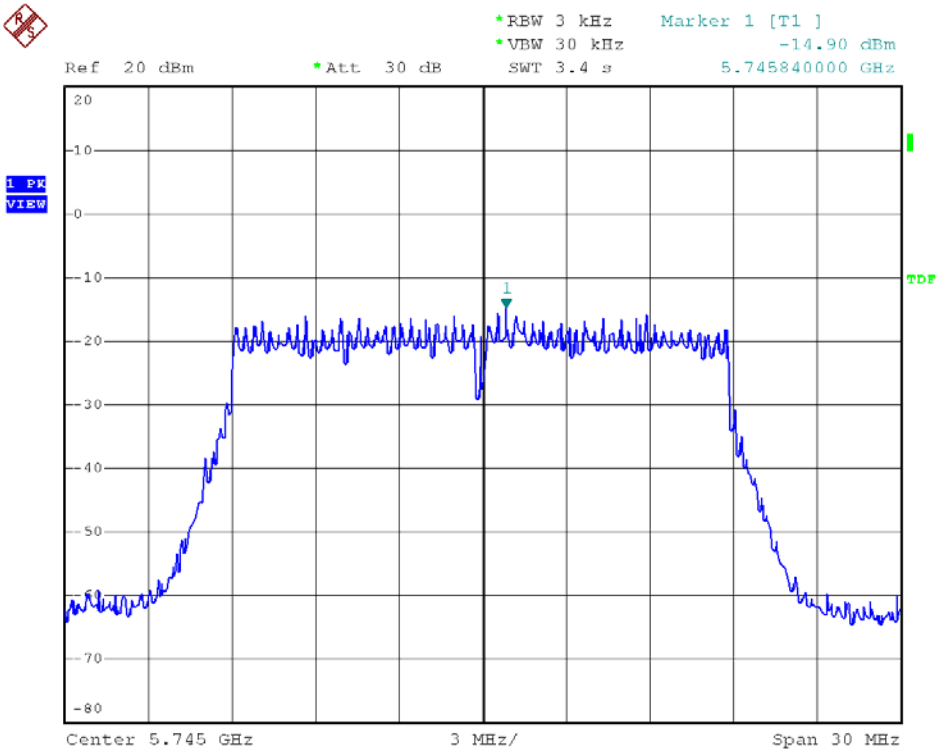
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 09



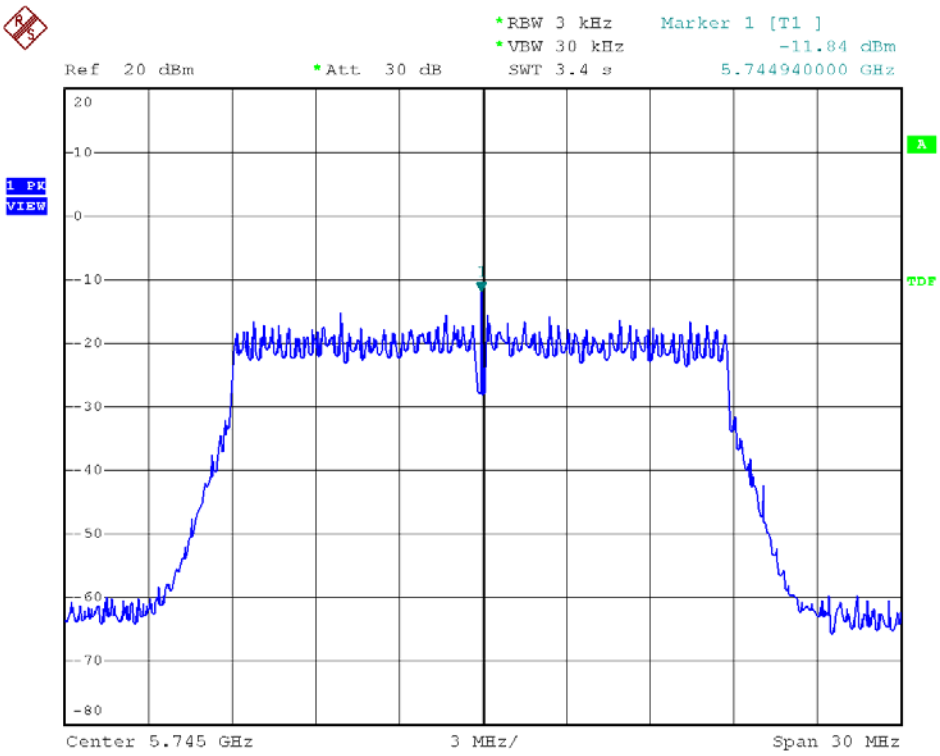
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 149



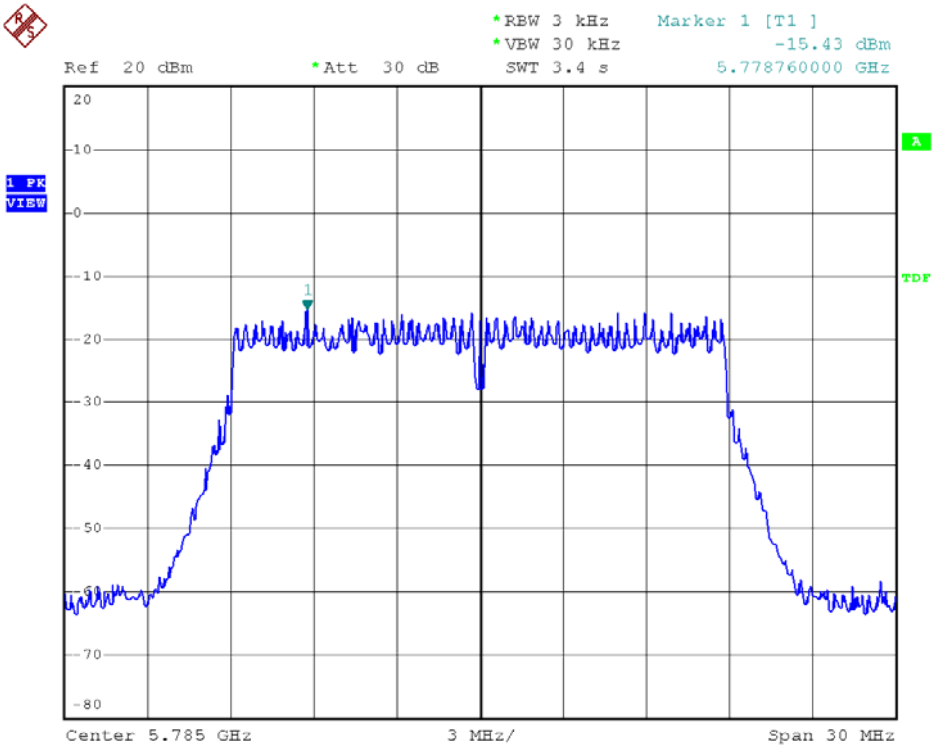
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 149



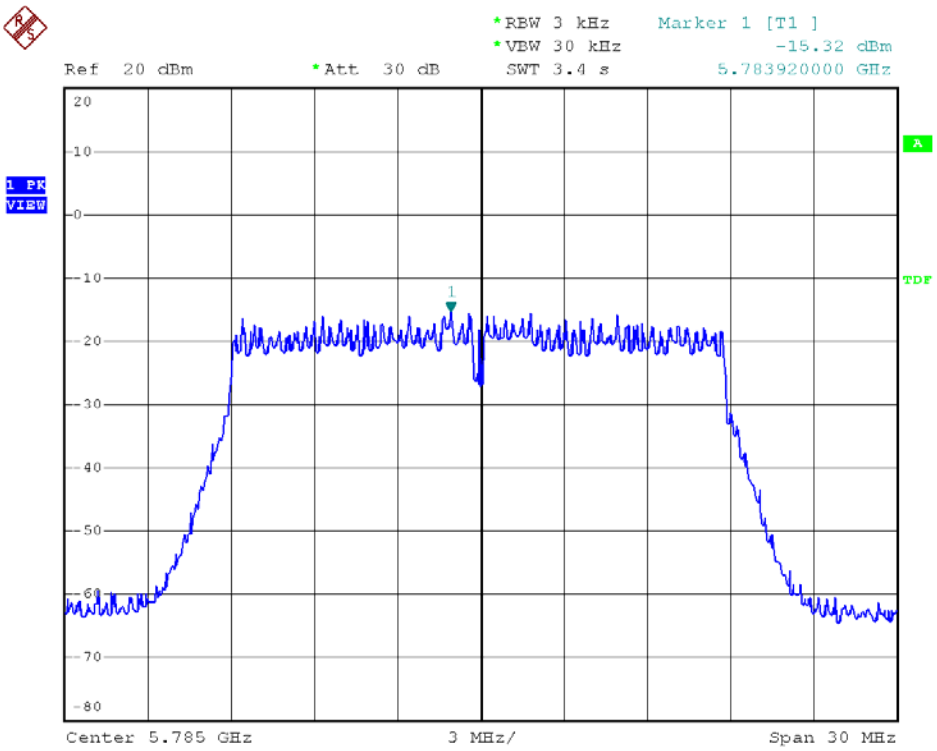
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 149



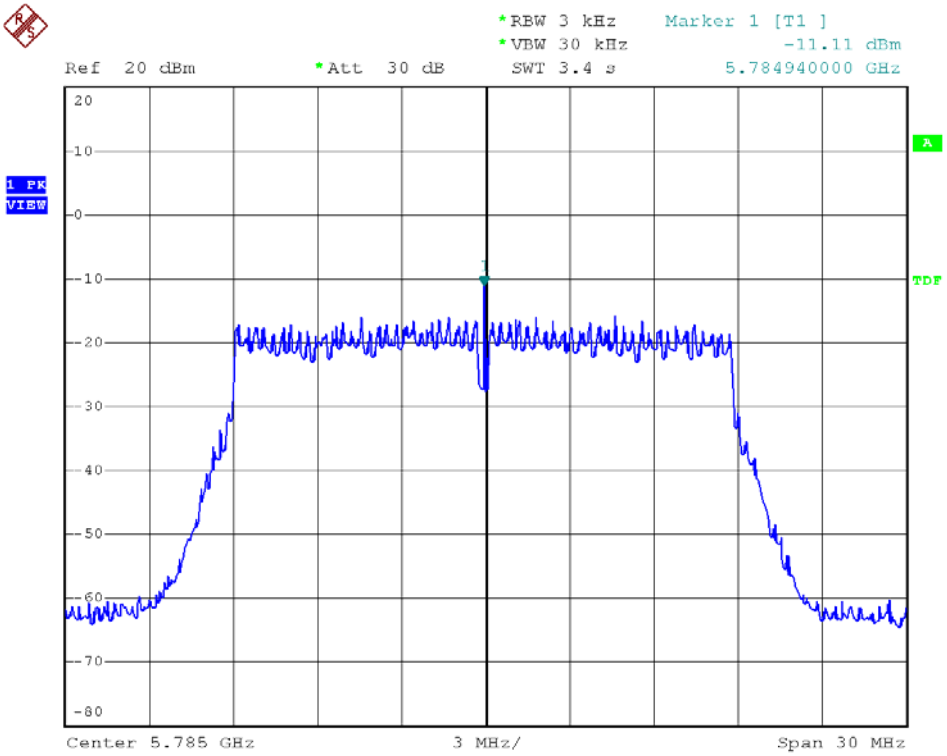
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 157



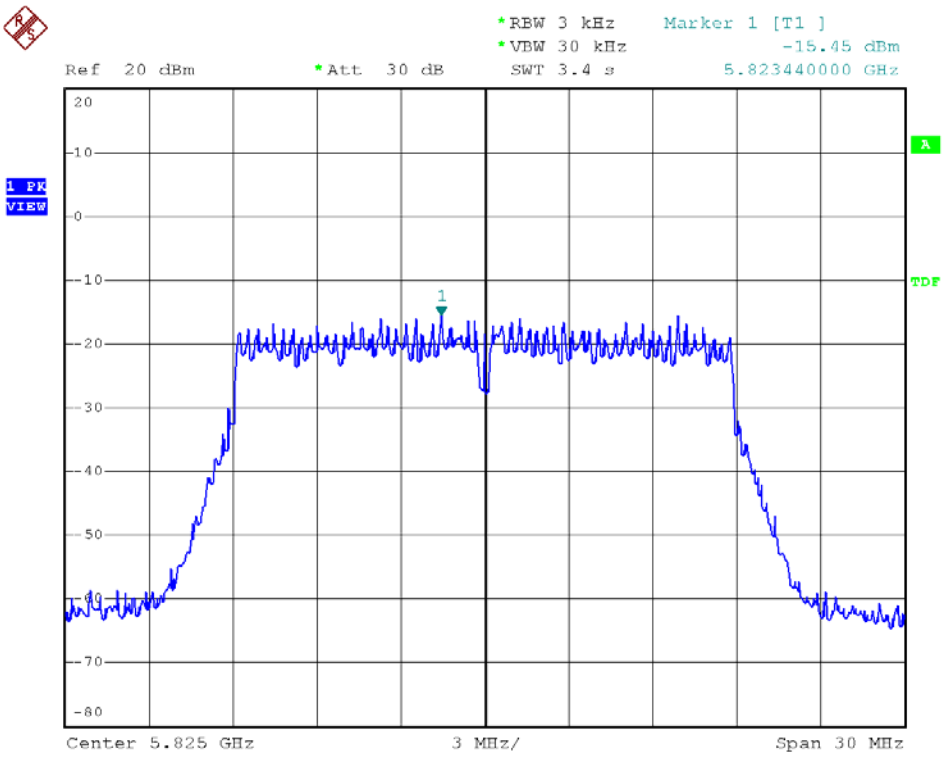
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 157



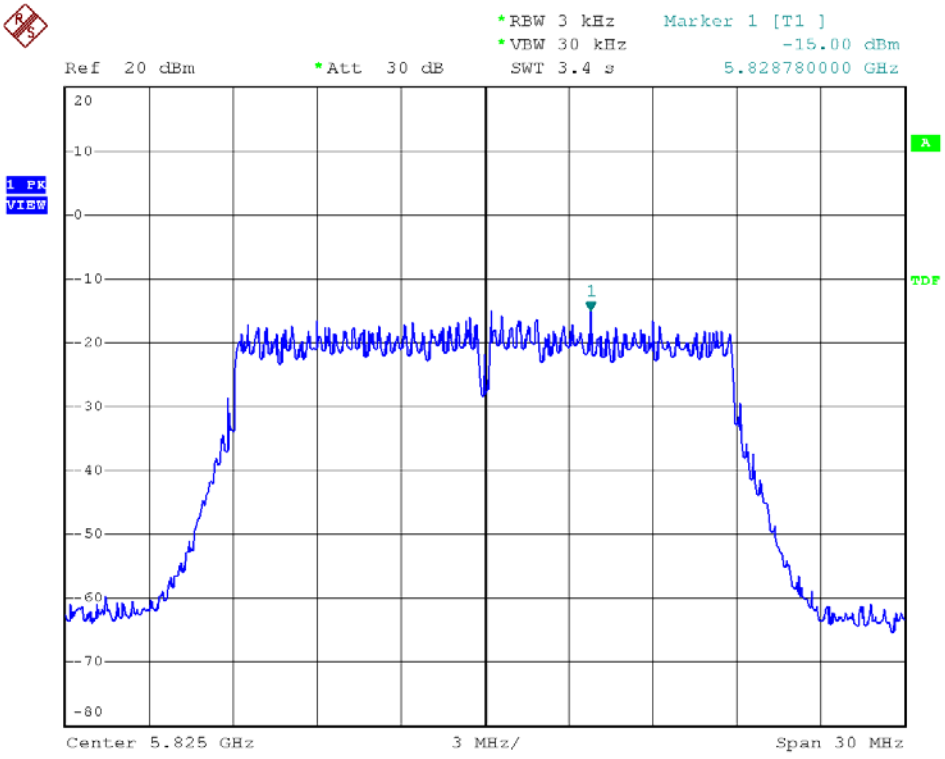
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 157



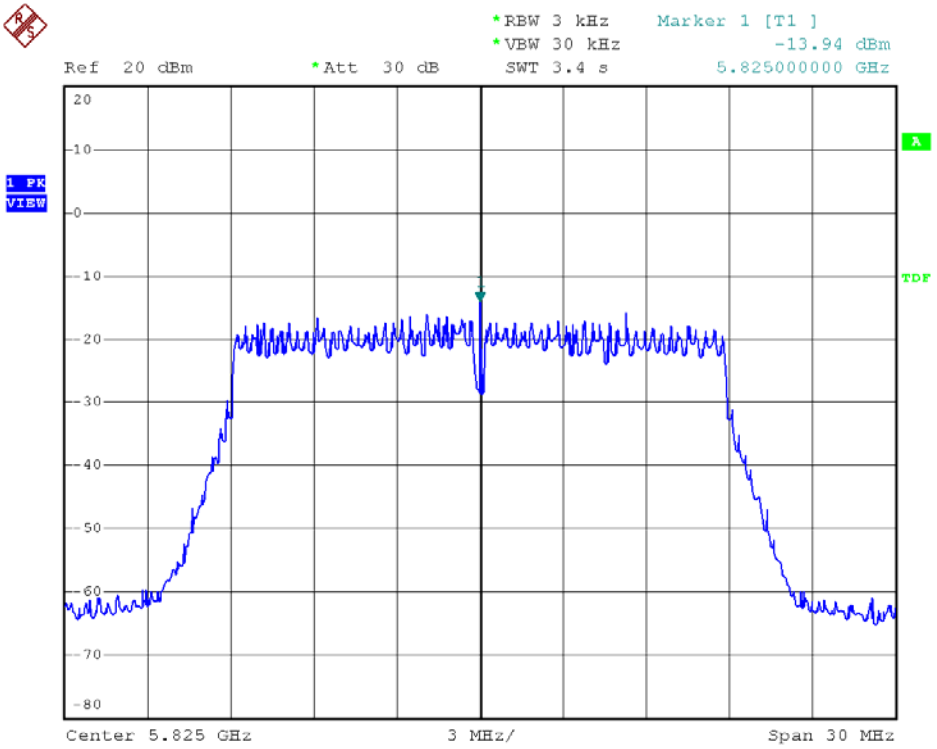
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 165



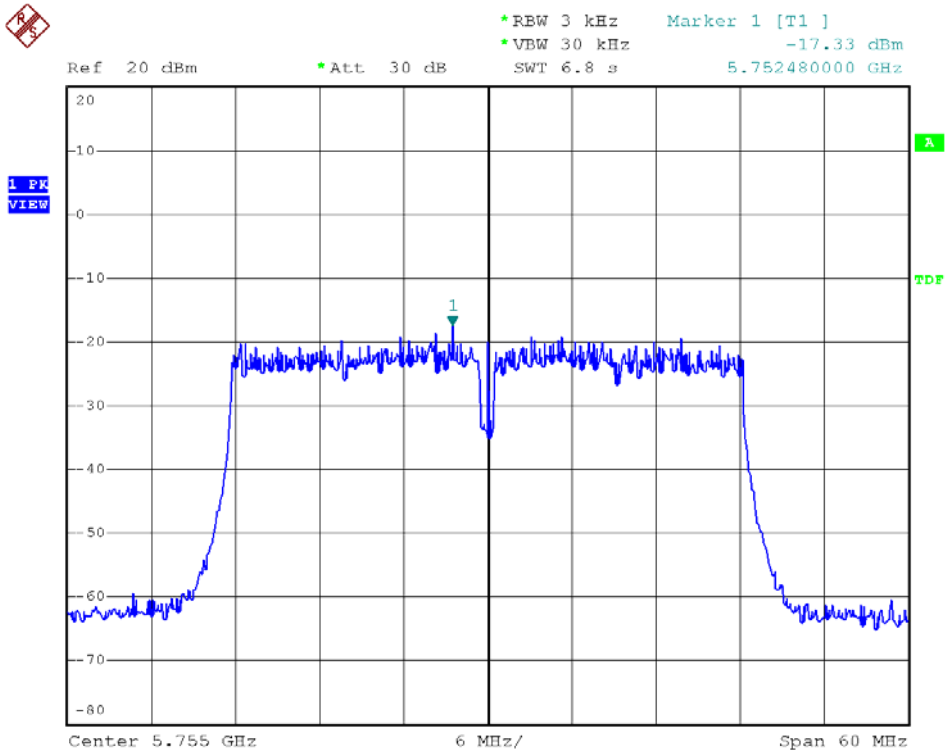
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 165



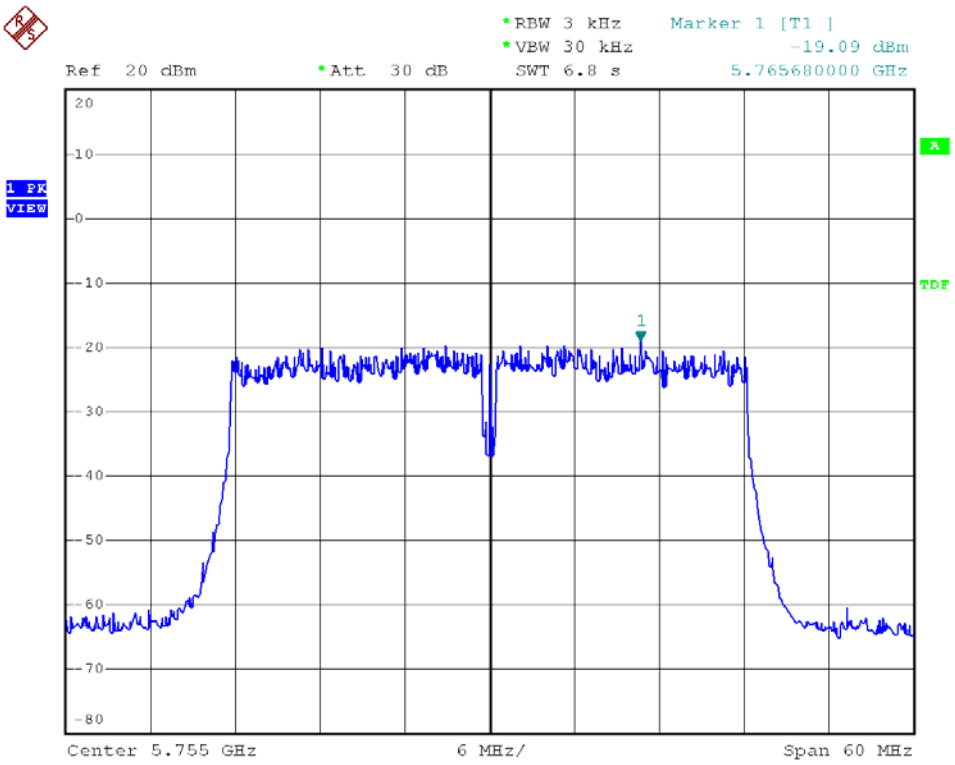
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 165



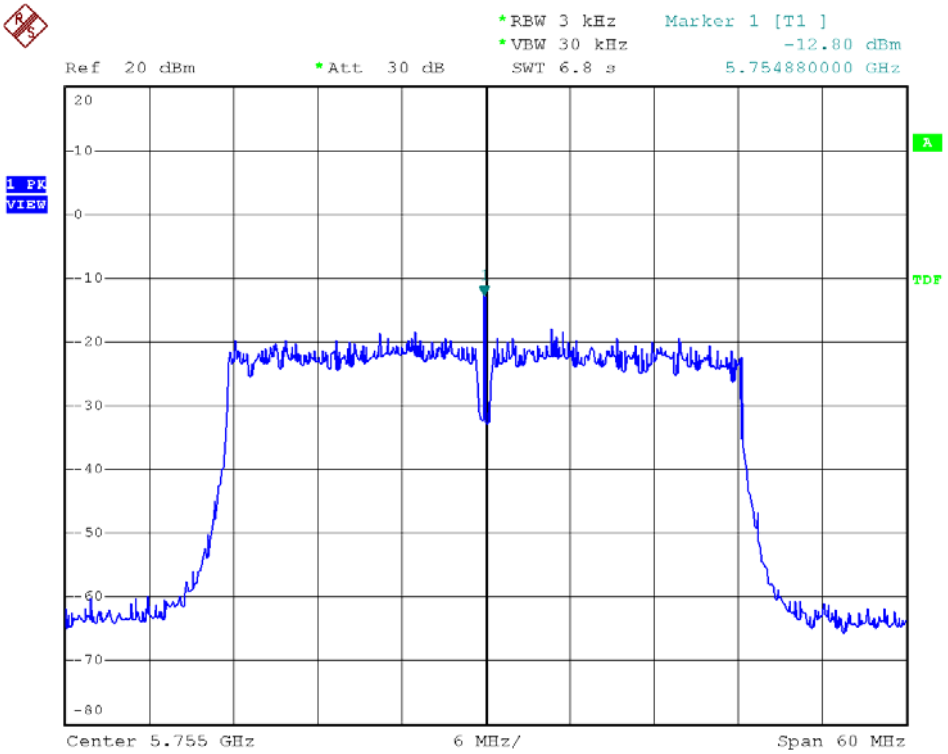
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT R
Channel: 151



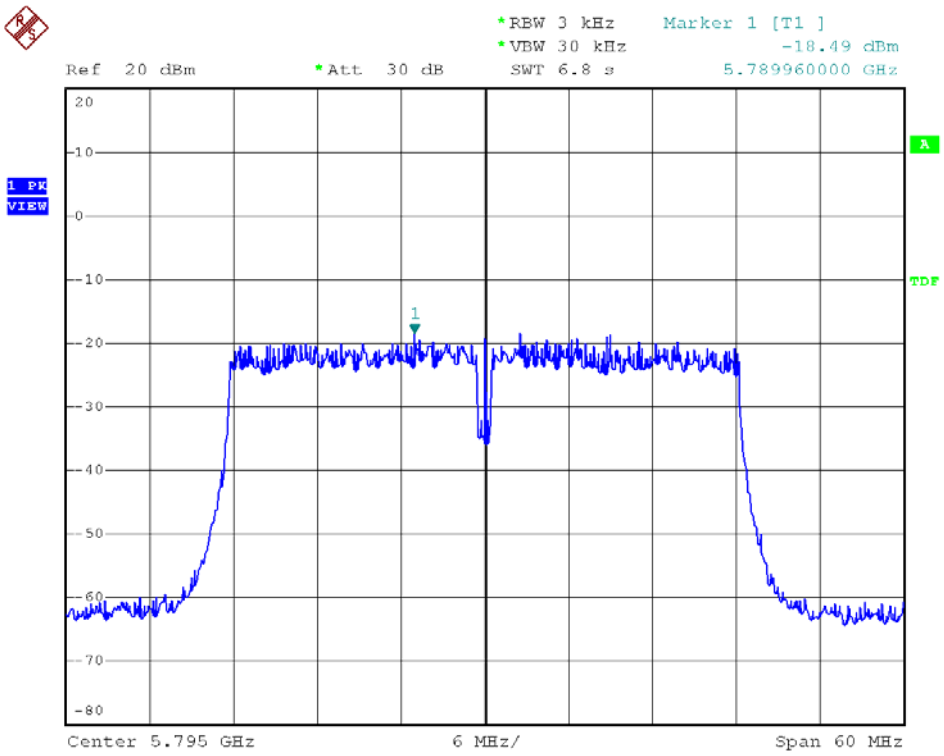
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT M
Channel: 151



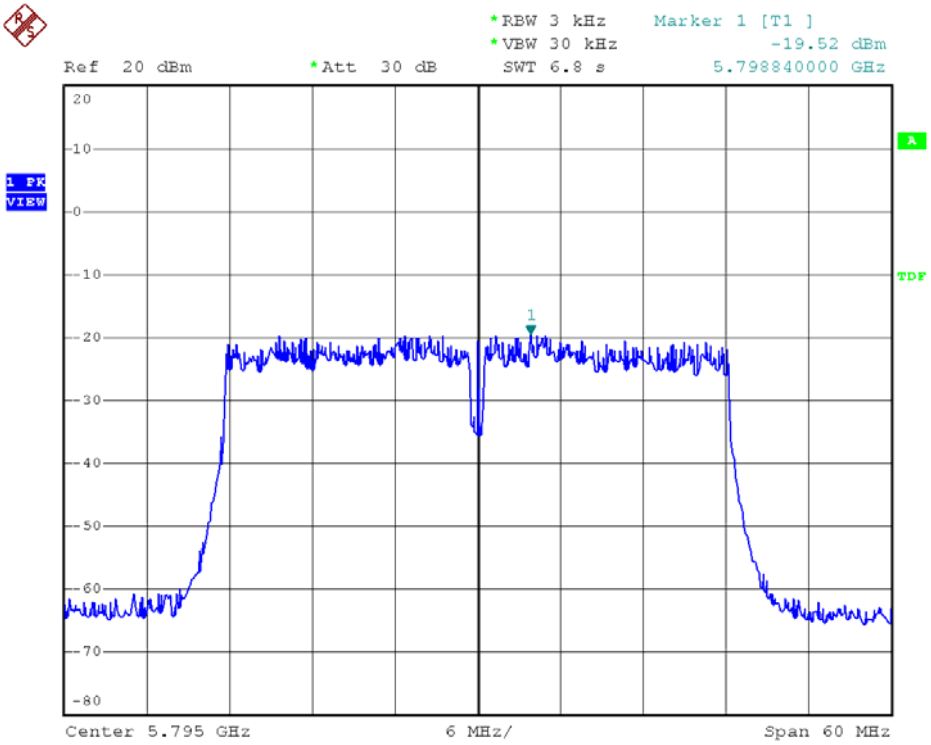
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT L
Channel: 151



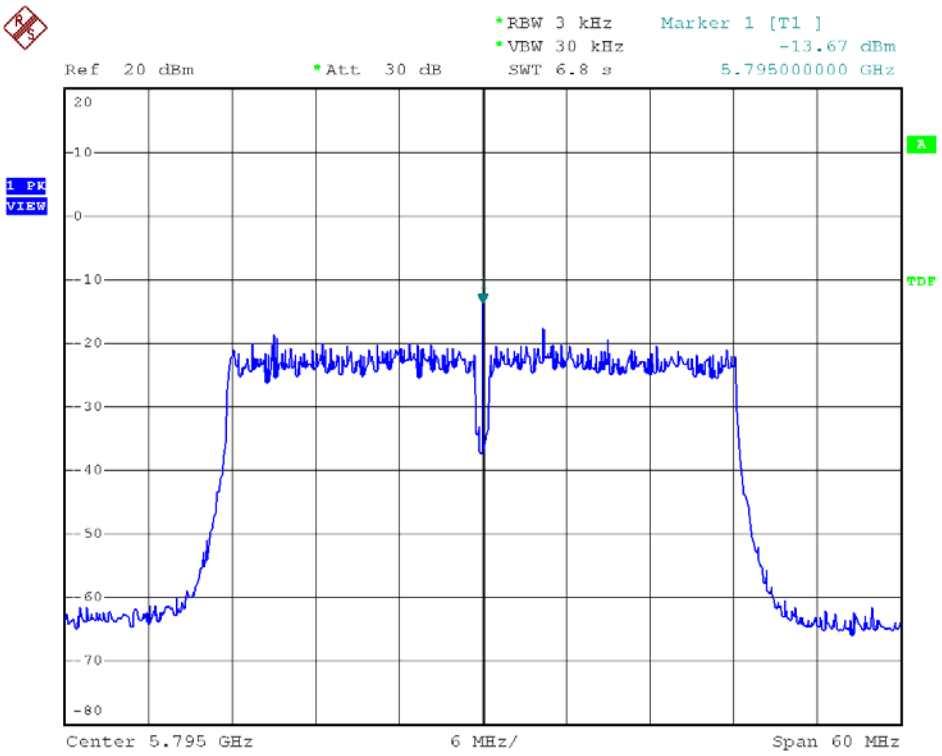
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT R
Channel: 159



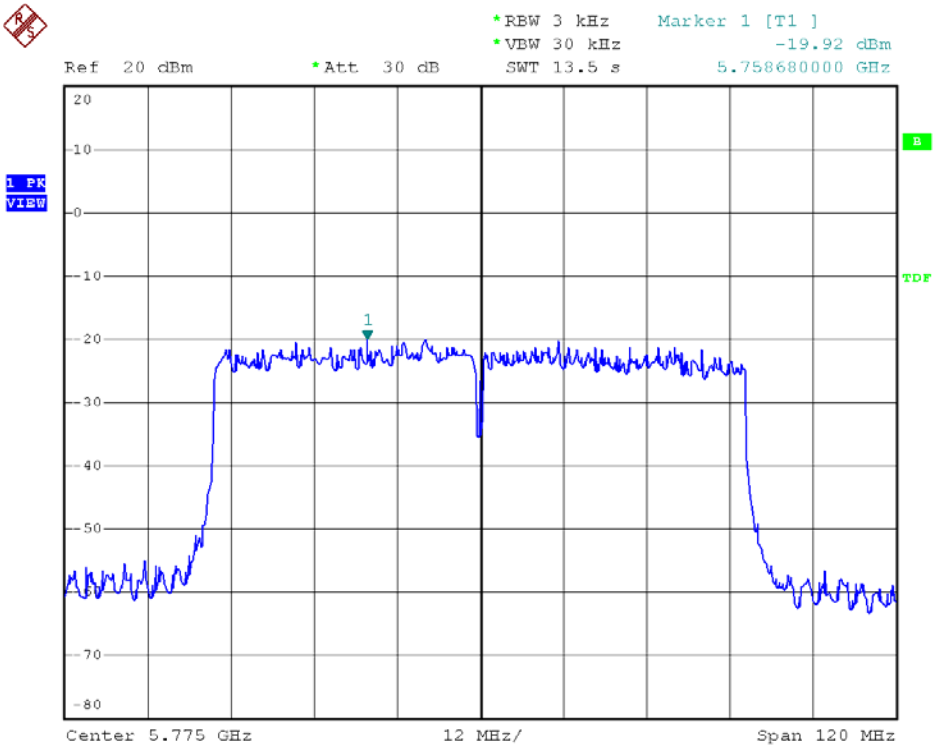
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT M
Channel: 159



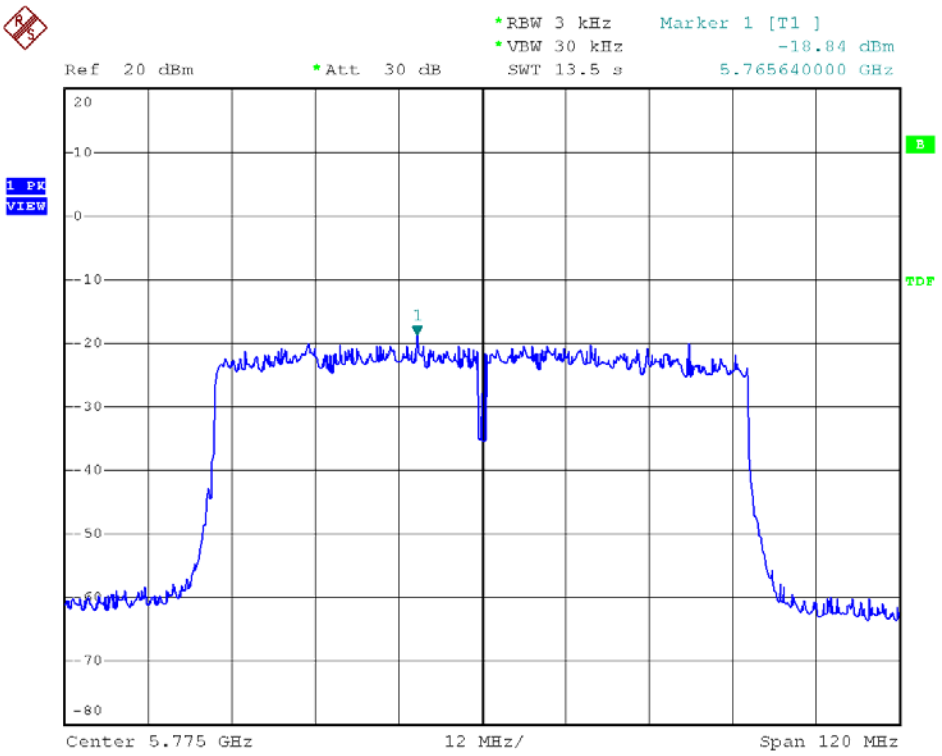
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT L
Channel: 159



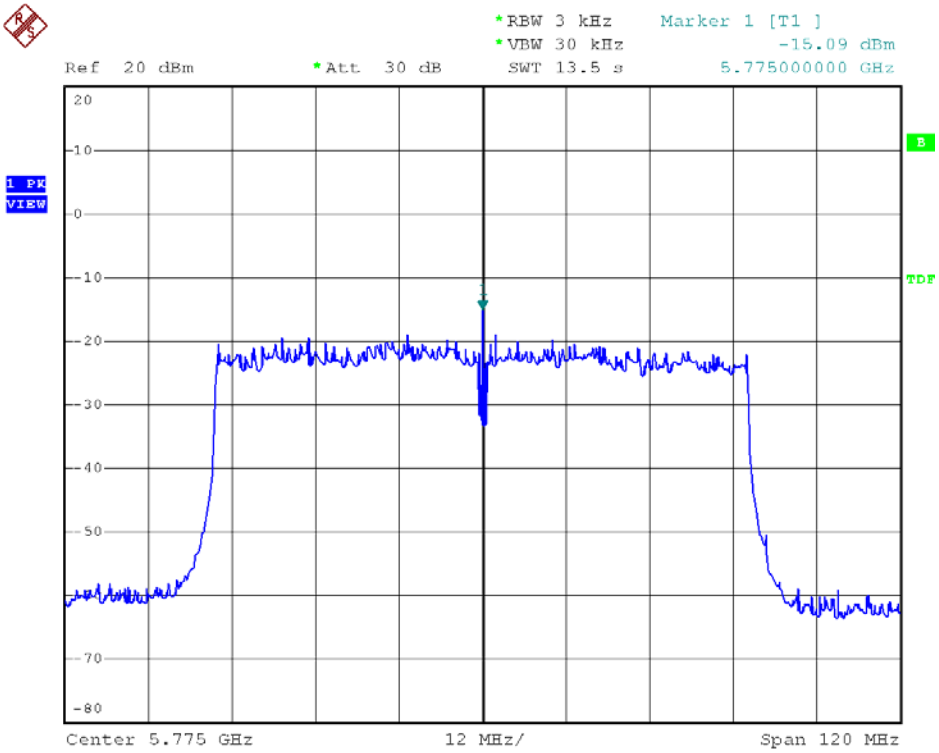
Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R
Channel: 155



Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT M
Channel: 155



Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R
Channel: 155



9. Band Edges Measurement

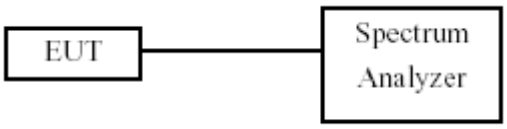
9.1 Test Limit

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 RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 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	2012/03/01	2013/02/28

9.5 Test Result and Data

Test Date: Jan. 23, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

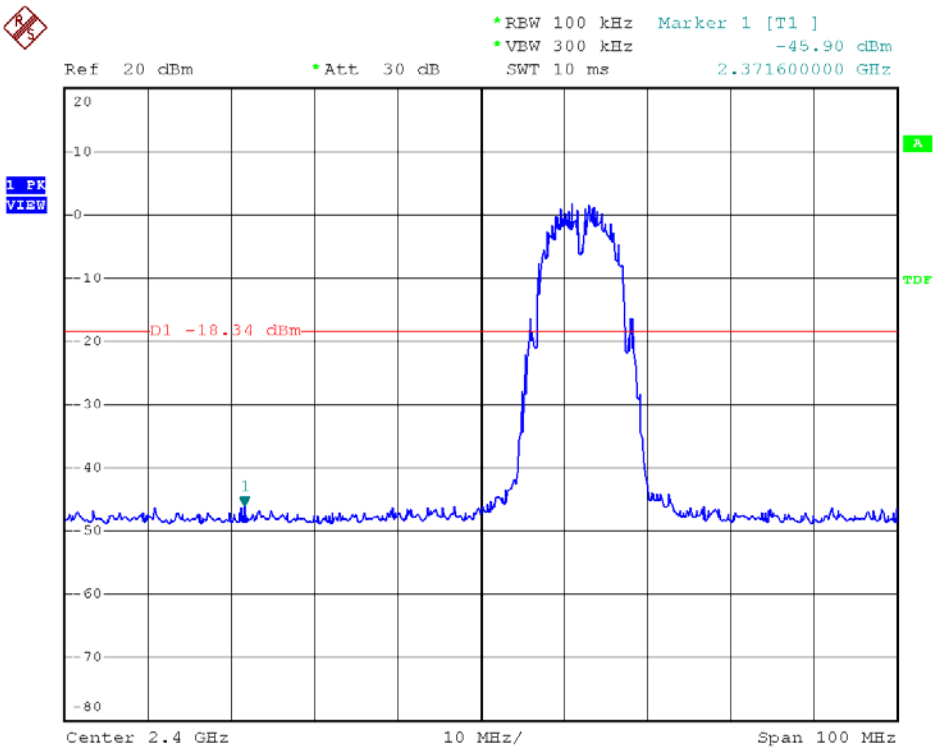
Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)			maximum value (dBm)		
			ANT R	ANT M	ANT L	ANT R	ANT M	ANT L
802.11b (1Mbps)	01	2412	2371.06	2357.60	2371.00	-45.90	-45.48	-45.53
	11	2462	2531.10	2522.10	2492.70	-45.29	-44.64	-46.12
802.11g (6Mbps)	01	2412	2399.60	2398.20	2399.60	-24.81	-26.90	-24.81
	11	2462	2500.10	2483.90	2483.90	-45.16	-44.27	-45.19
802.11n HT20 (6.5Mbps)	01	2412	2399.60	2399.60	2399.60	-24.64	-25.91	-26.13
	11	2462	2500.10	2503.30	2484.10	-44.69	-46.38	-44.43
802.11n HT40 (13.5Mbps)	03	2422	2400.00	2400.00	2400.00	-31.90	-33.02	-32.53
	09	2452	2490.50	2492.30	2491.10	-43.76	-44.22	-42.56

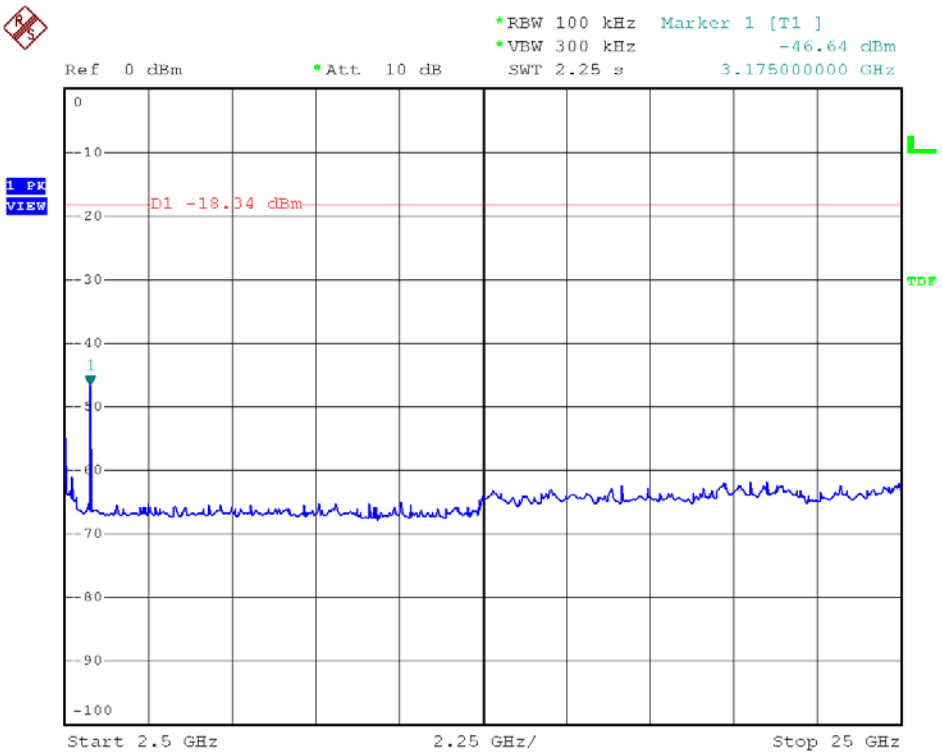
Test Date: Jan. 22, 2013 Temperature: 22℃

Atmospheric pressure: 1020 hPa Humidity: 65%

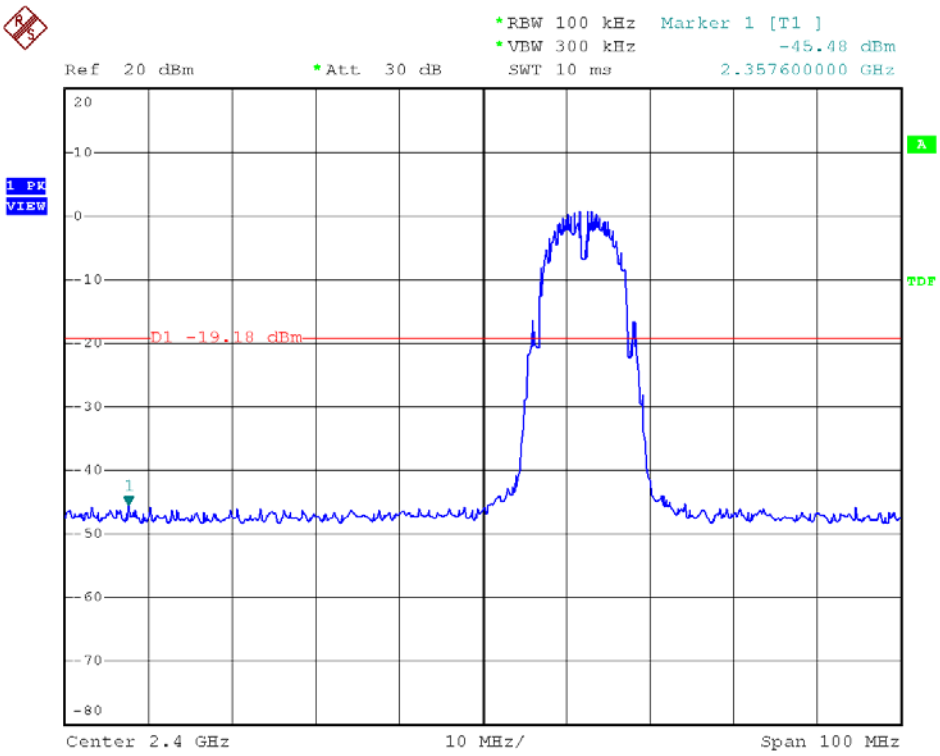
Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)			maximum value (dBm)		
			ANT R	ANT M	ANT L	ANT R	ANT M	ANT L
802.11a (6.5Mbps)	165	5825	5897.80	5891.00	5898.20	-44.84	-45.50	-46.32
802.11an HT20 (13.5Mbps)	159	5795	5892.00	5886.80	5865.20	-45.20	-45.90	-45.87
802.11an HT40 (29.3Mbps)	155	5775	5854.00	5861.00	5876.50	-44.90	-44.29	-45.06

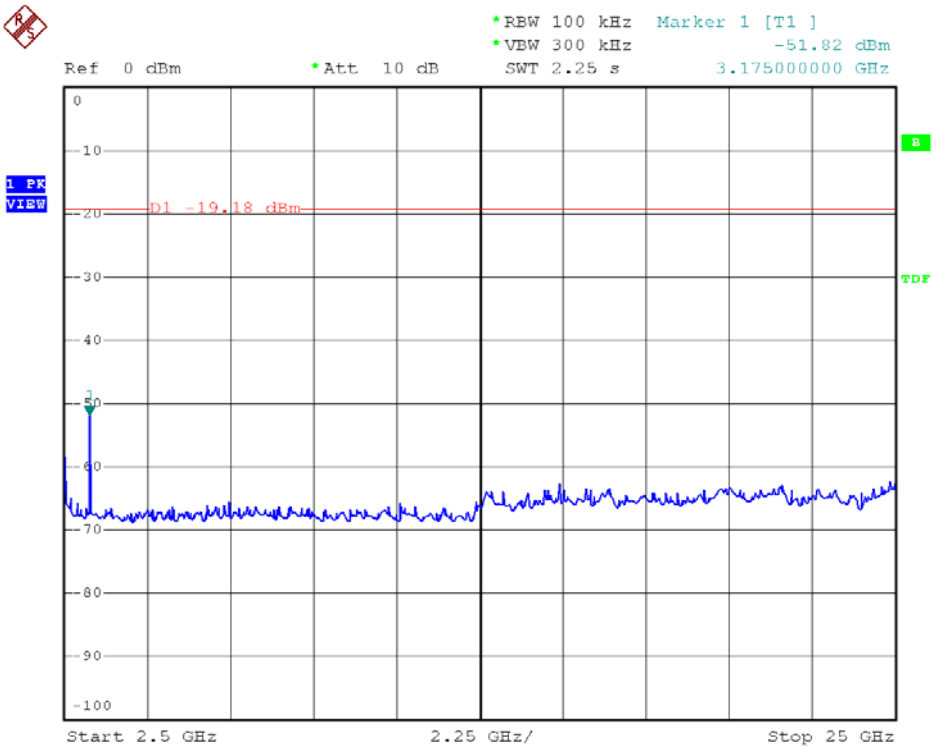
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 01



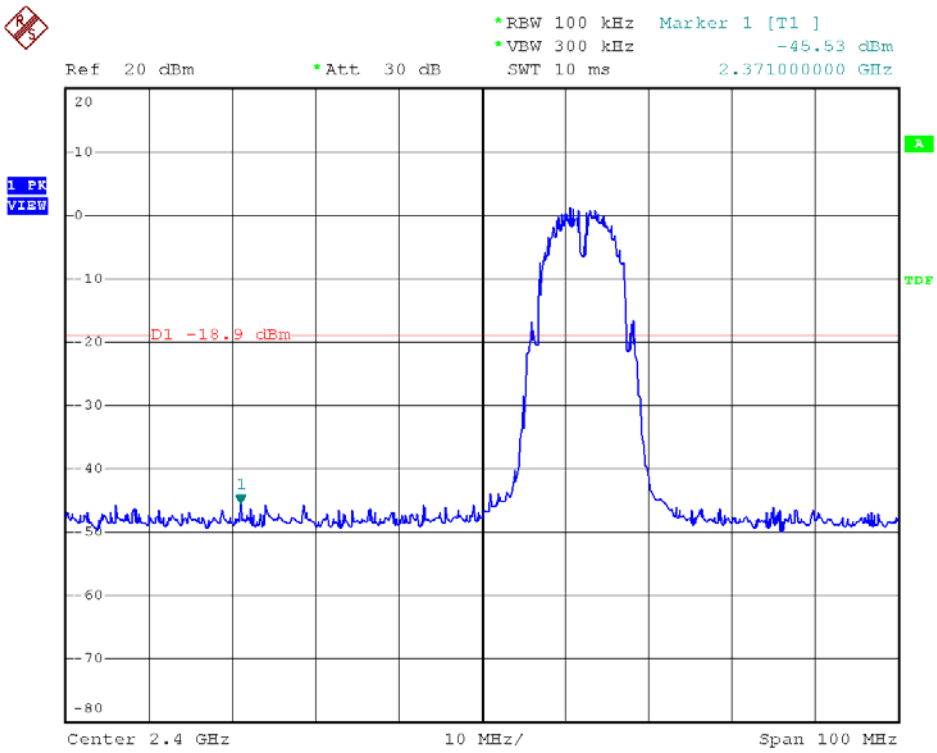


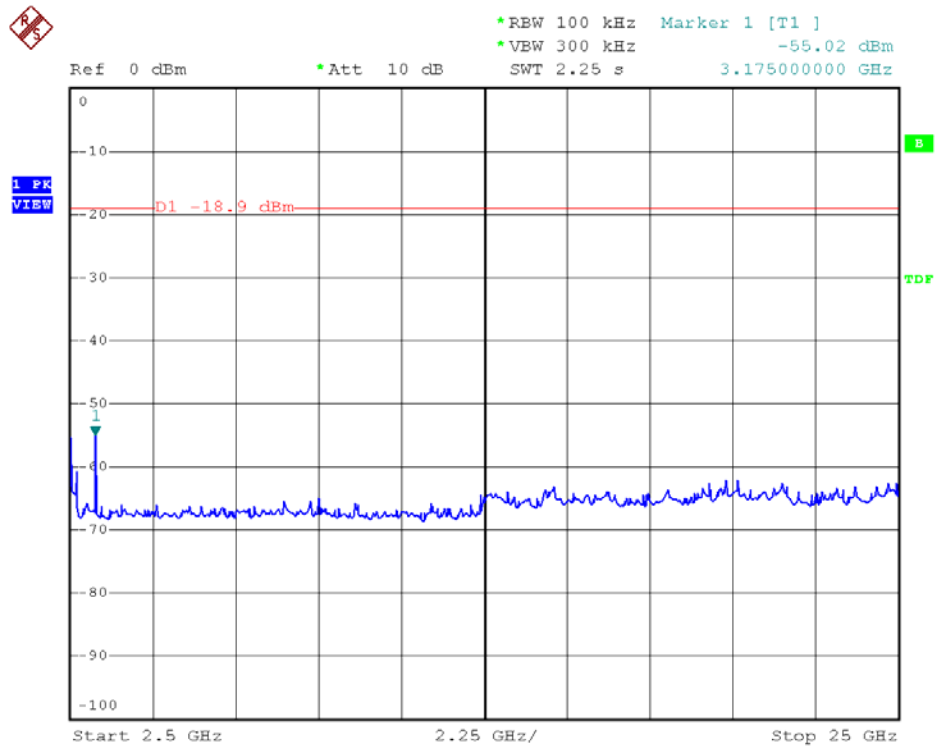
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 01



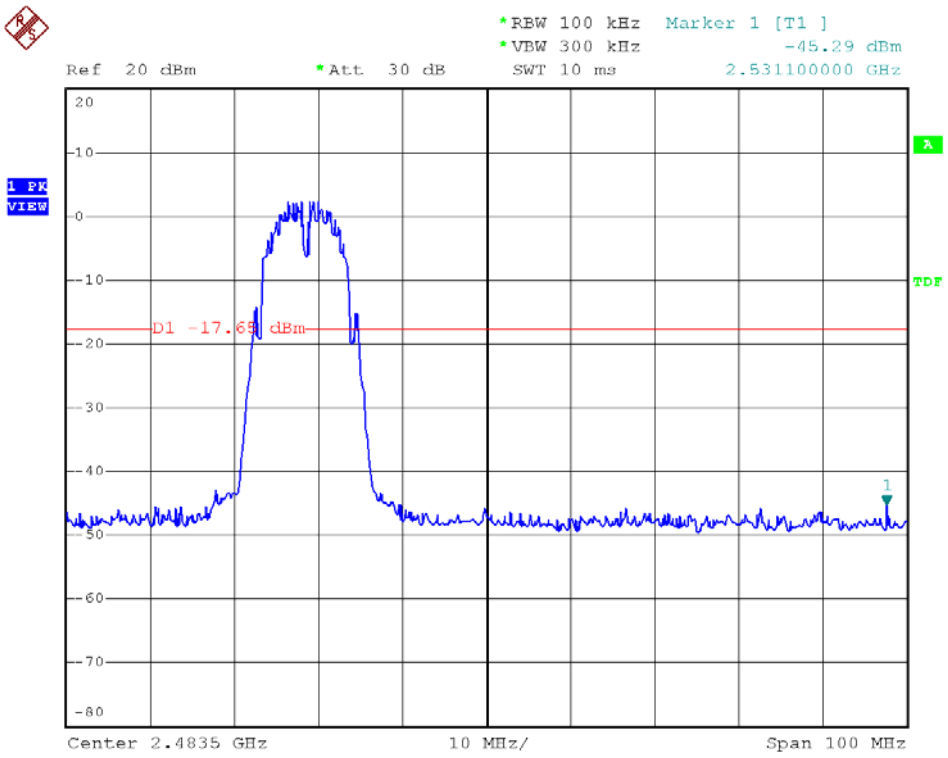


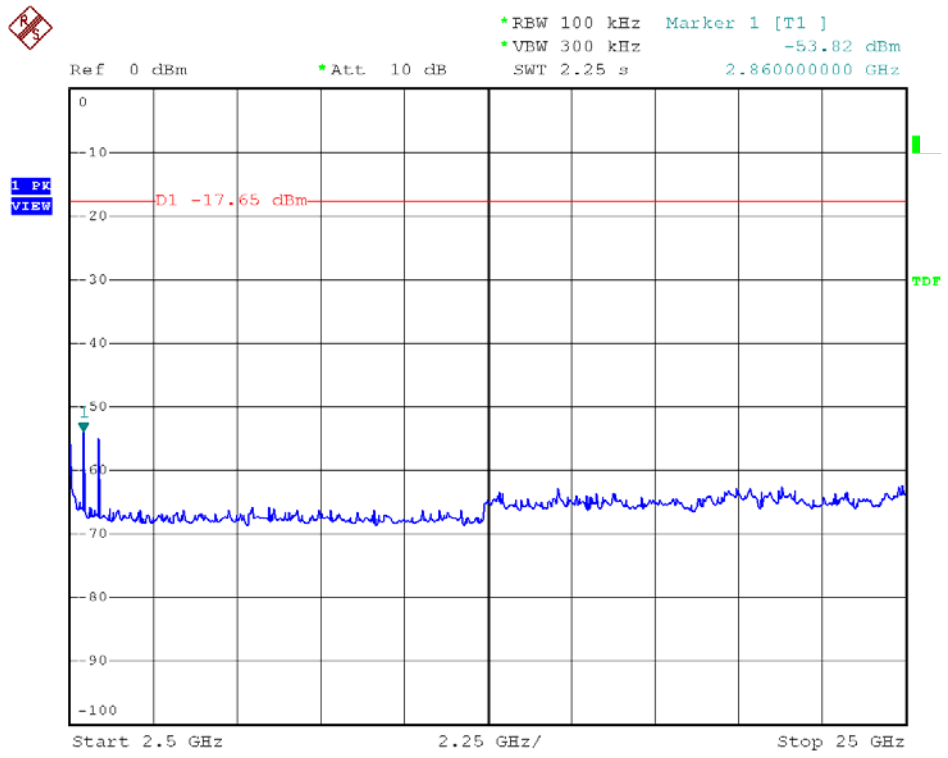
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 01



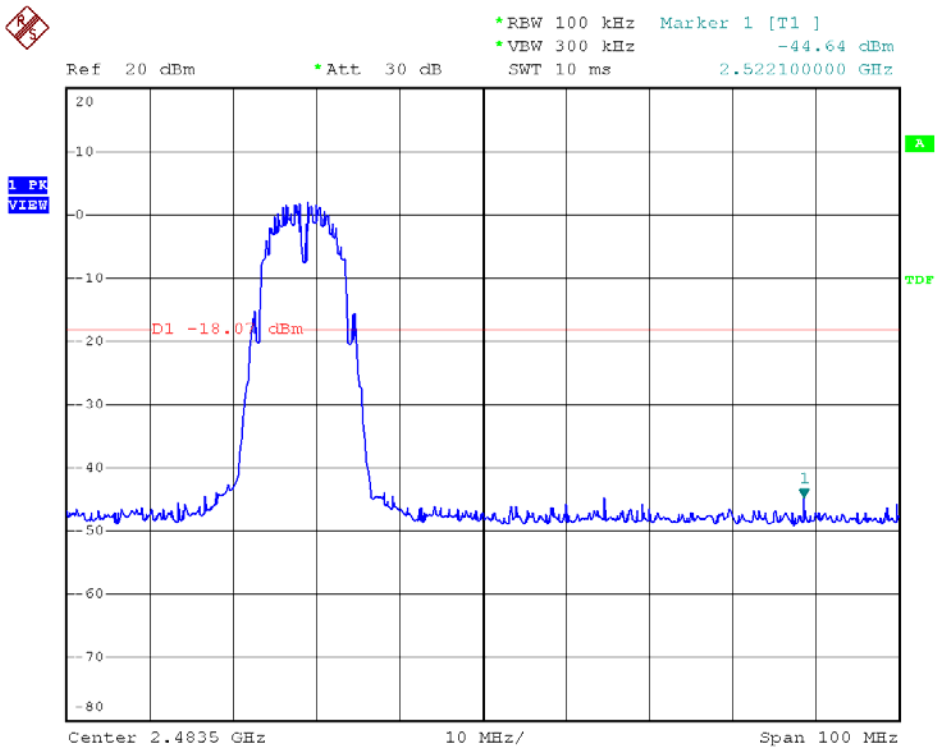


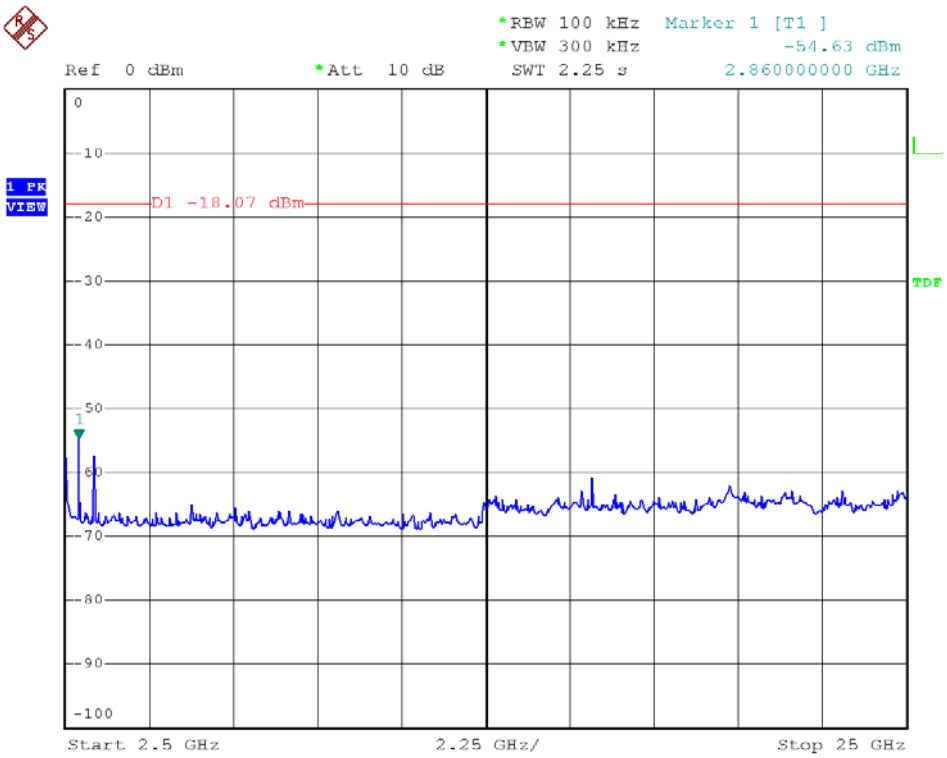
Modulation Standard: 802.11b (1Mbps), ANT R
Channel: 11



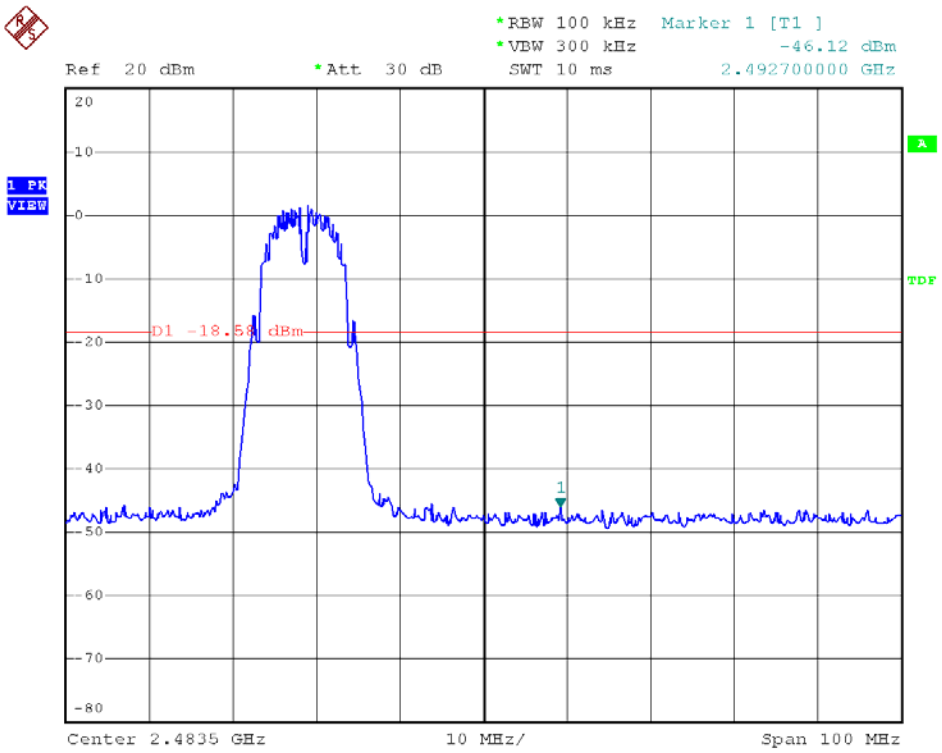


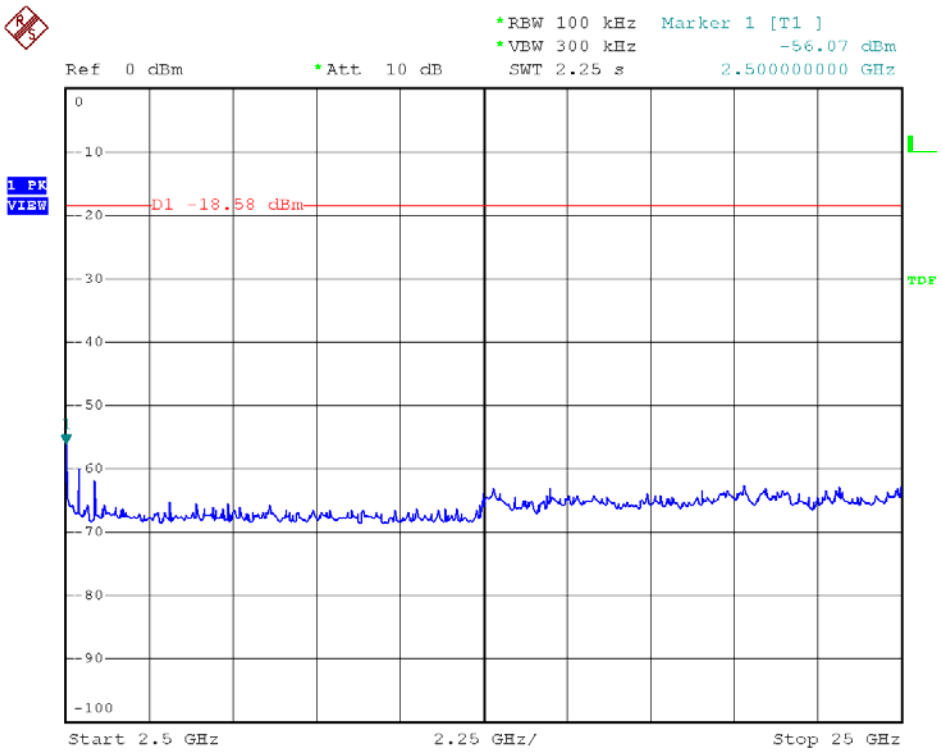
Modulation Standard: 802.11b (1Mbps), ANT M
Channel: 11



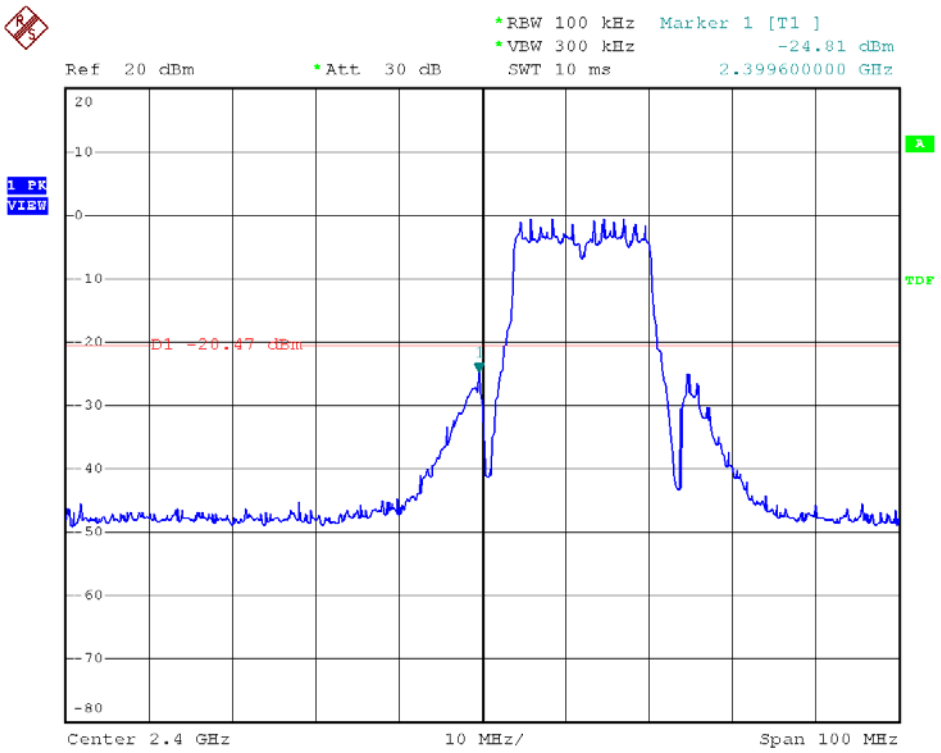


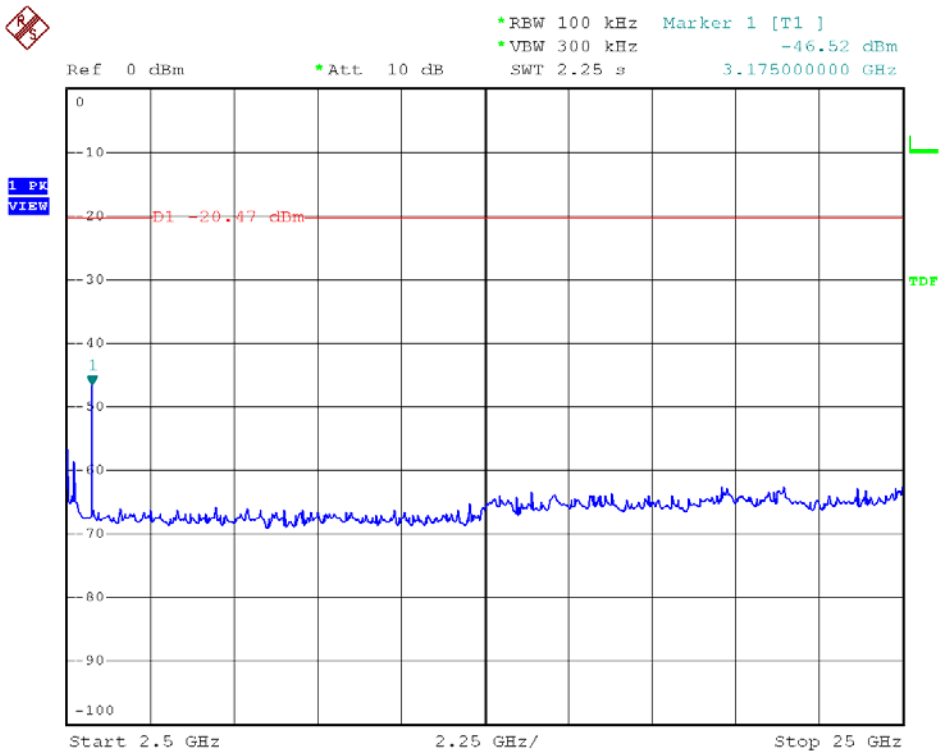
Modulation Standard: 802.11b (1Mbps), ANT L
Channel: 11



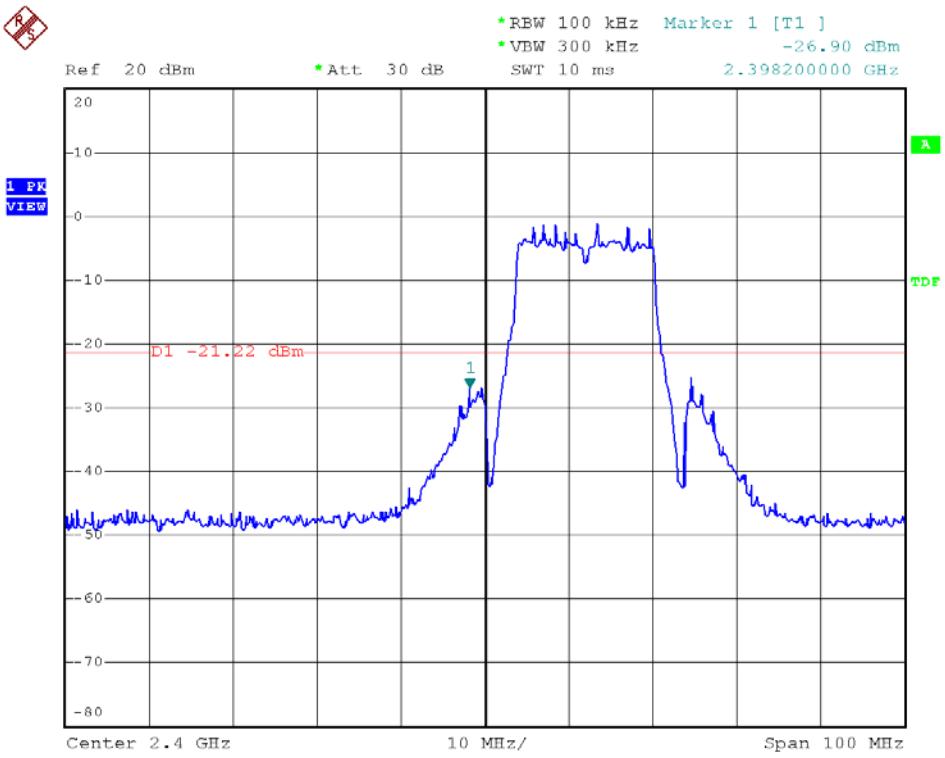


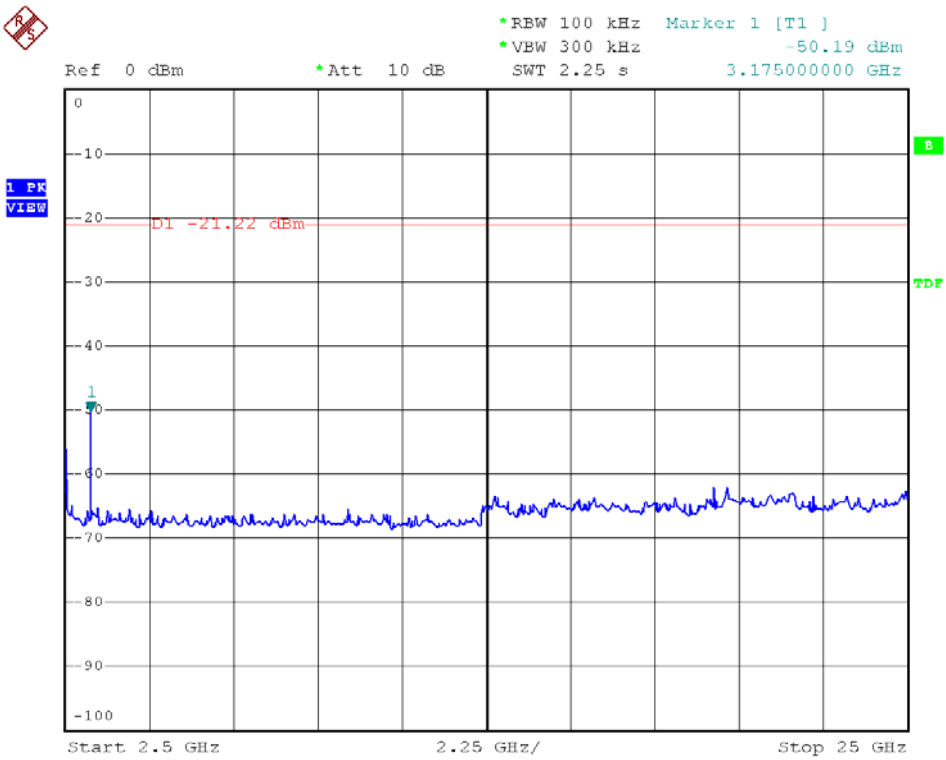
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 01



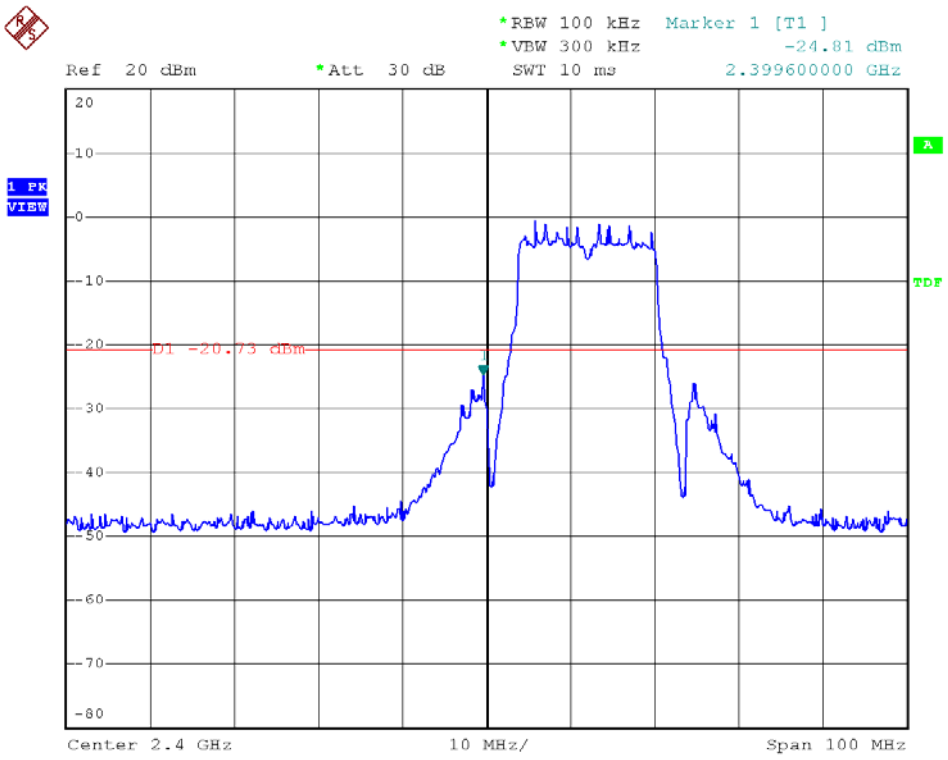


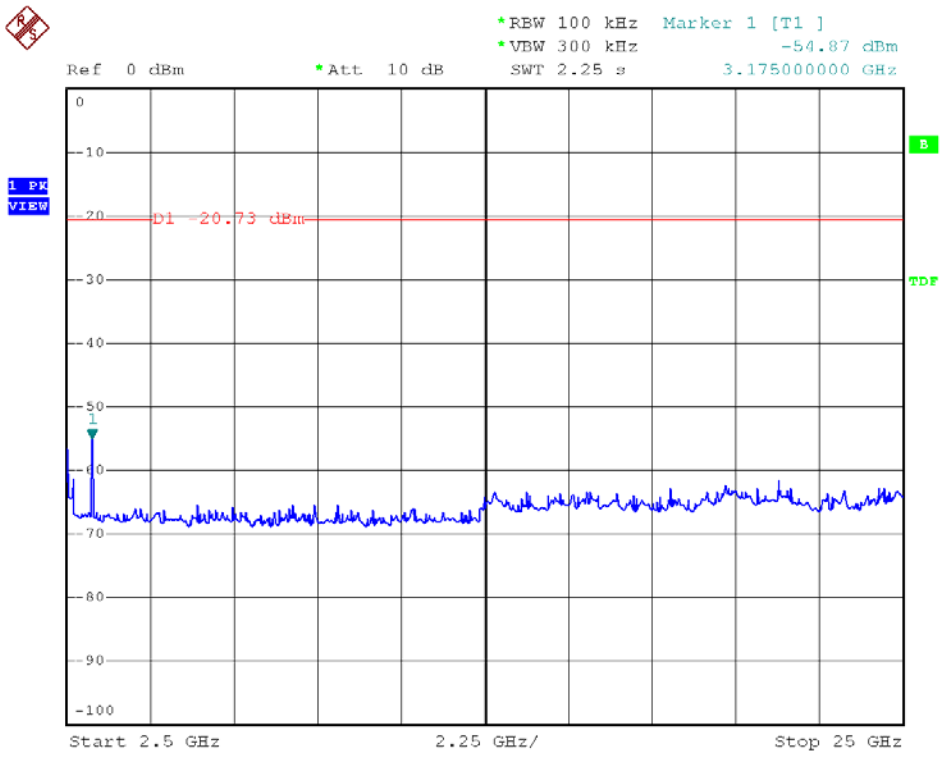
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 01



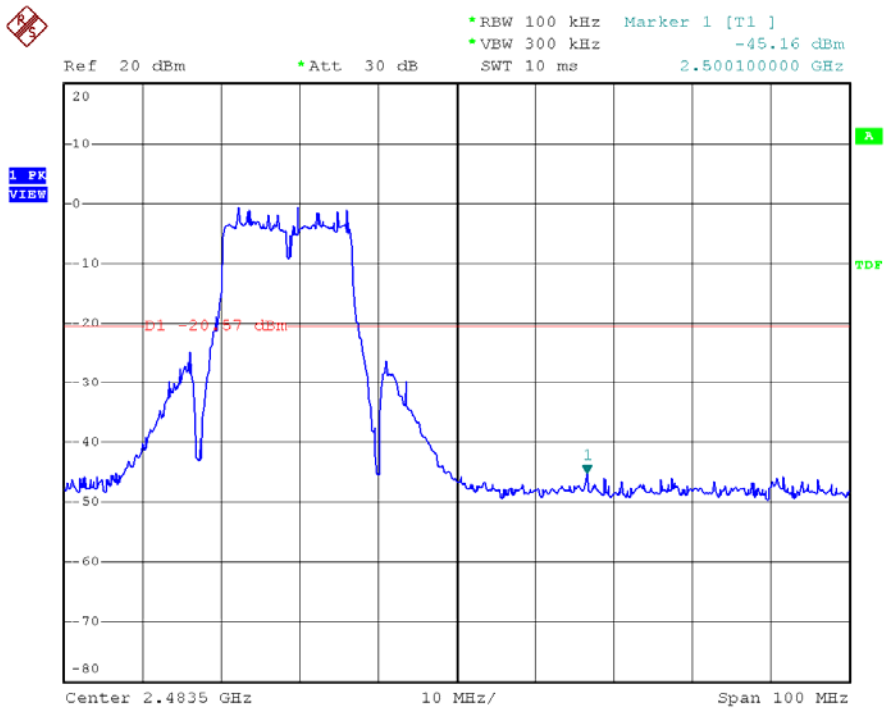


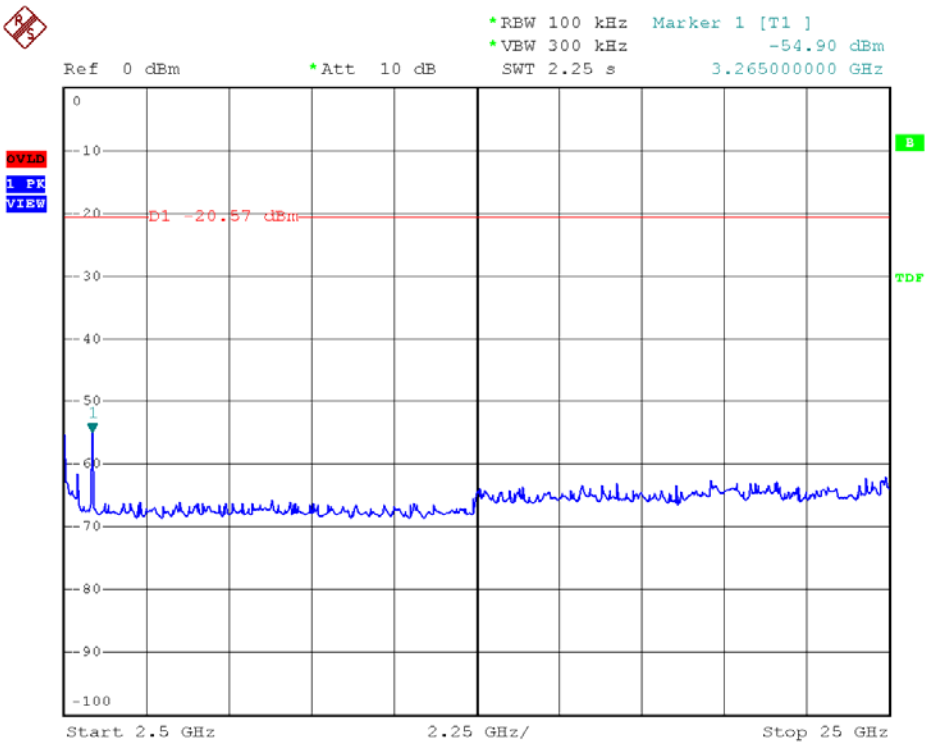
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 01



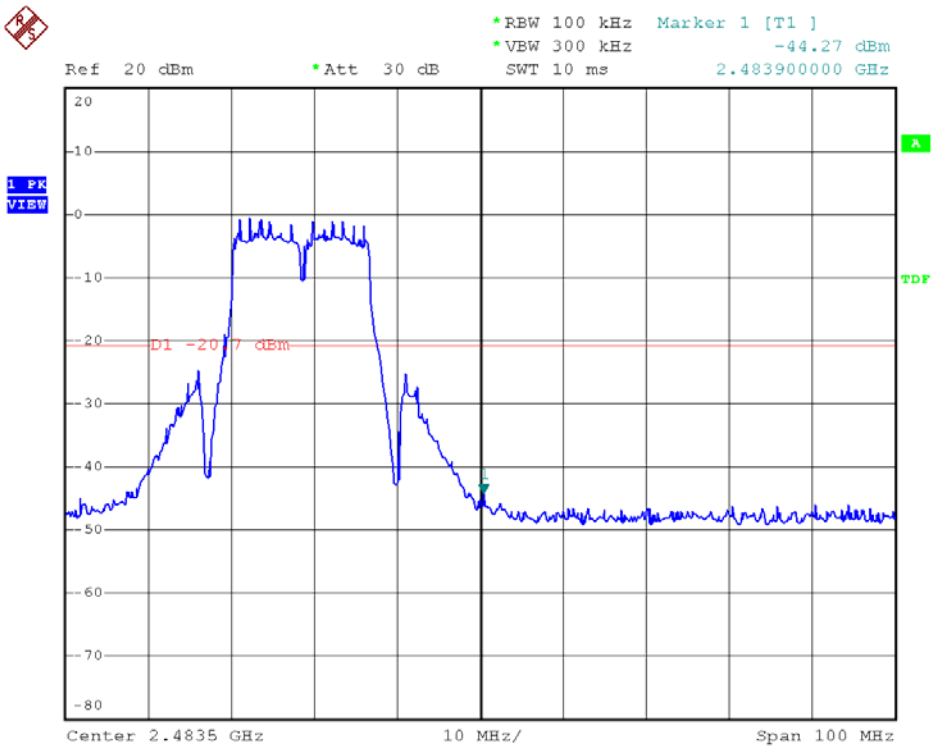


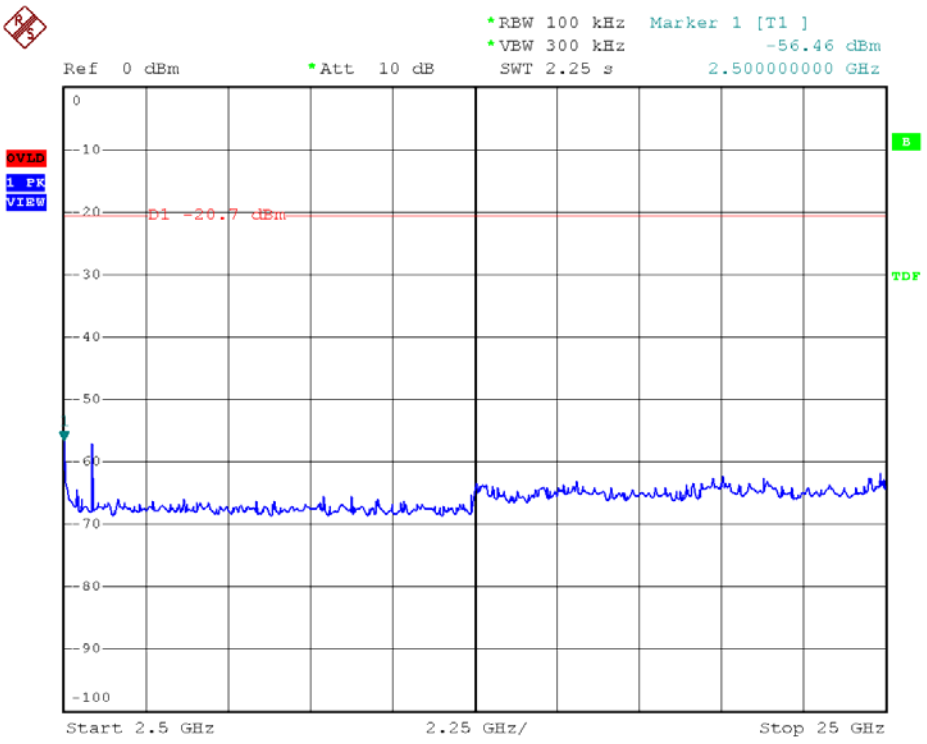
Modulation Standard: 802.11g (6Mbps), ANT R
Channel: 11



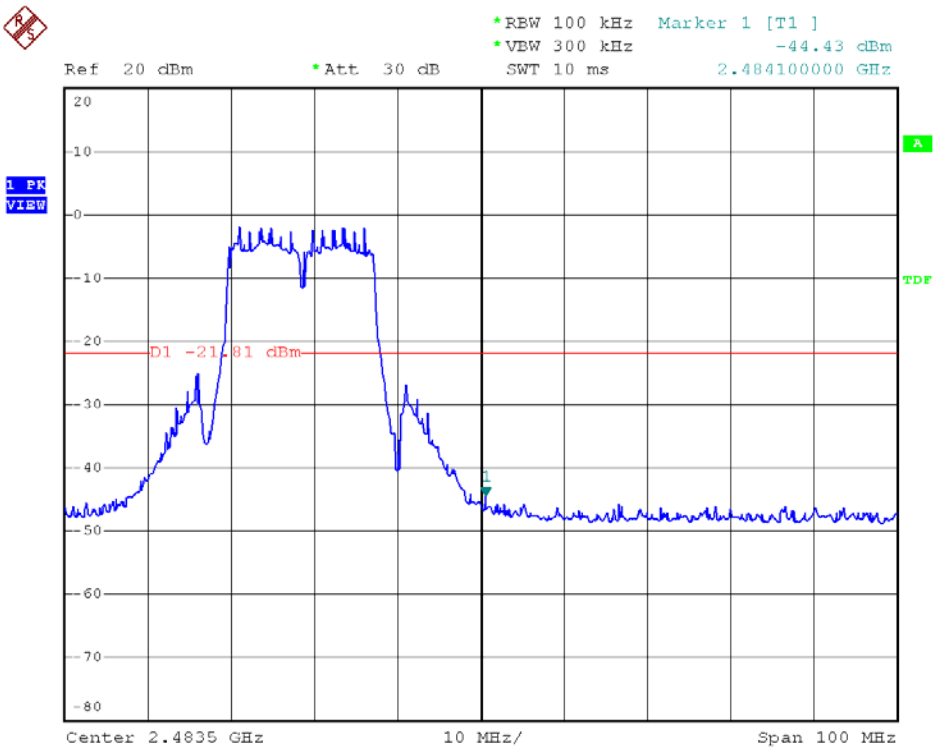


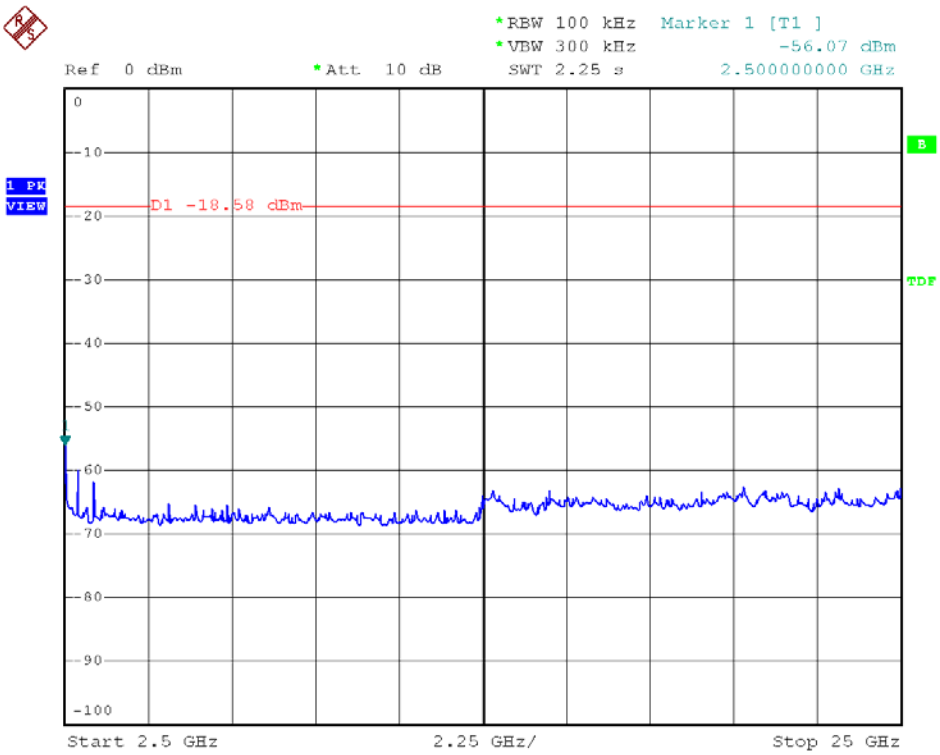
Modulation Standard: 802.11g (6Mbps), ANT M
Channel: 11



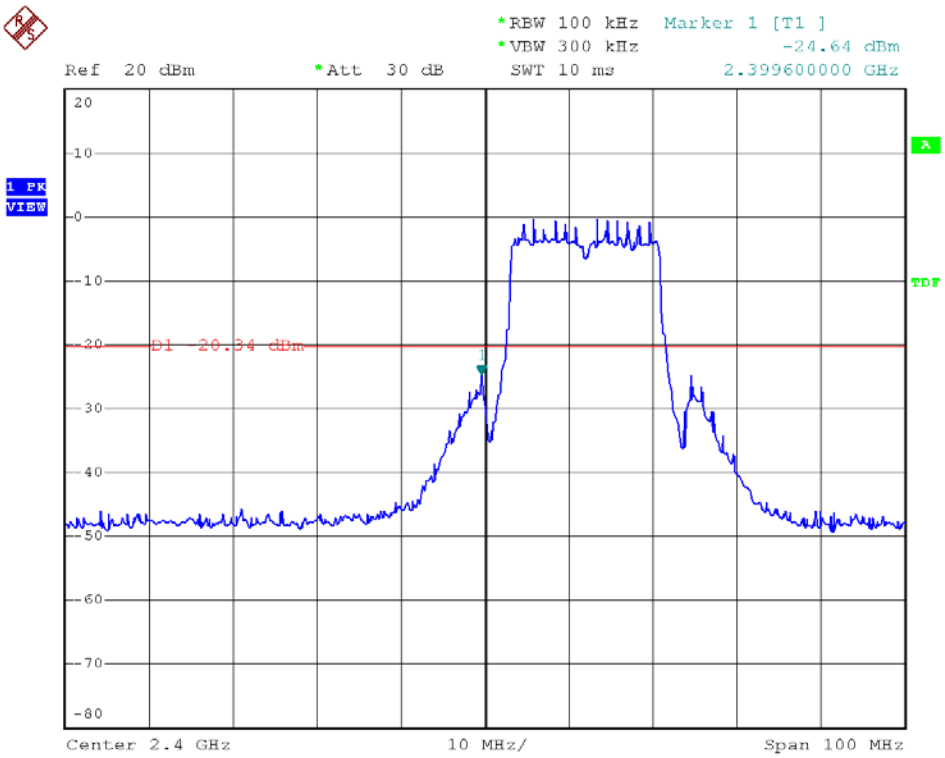


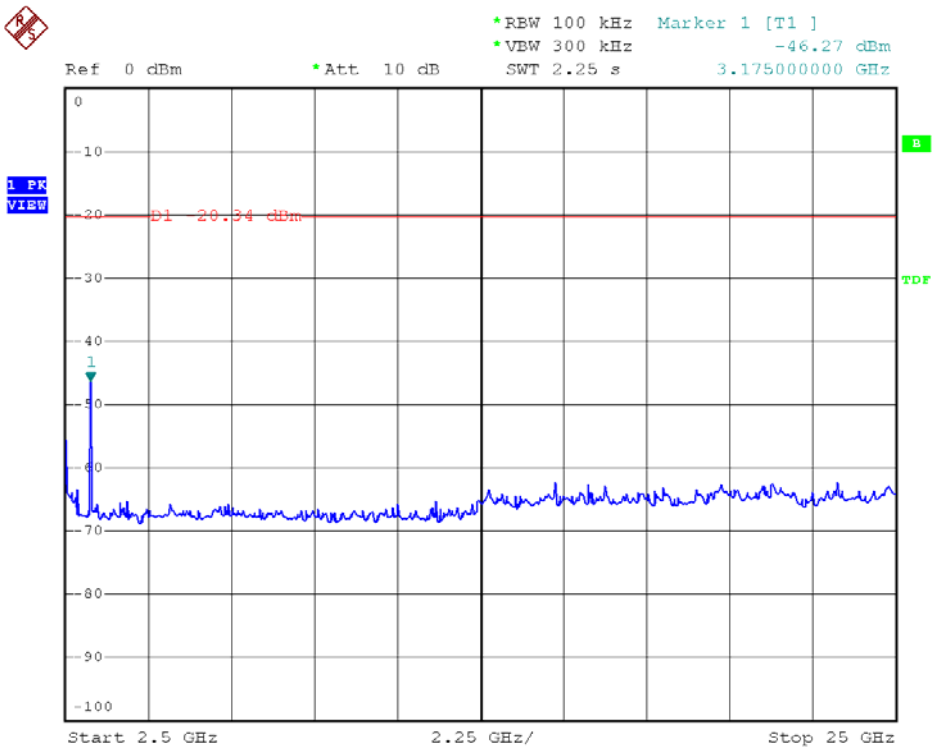
Modulation Standard: 802.11g (6Mbps), ANT L
Channel: 11



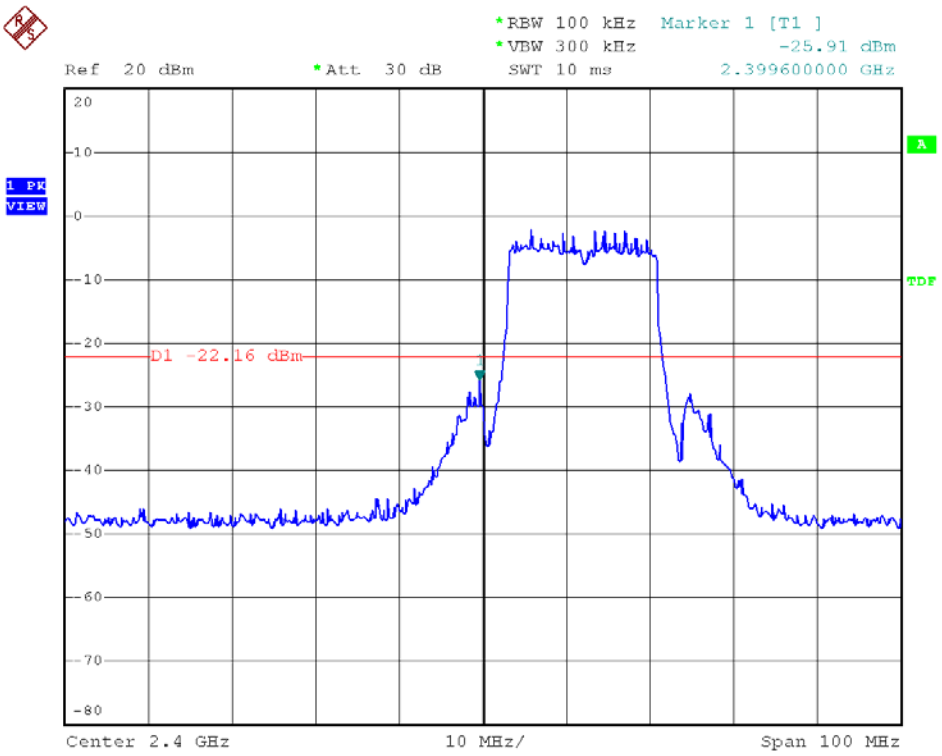


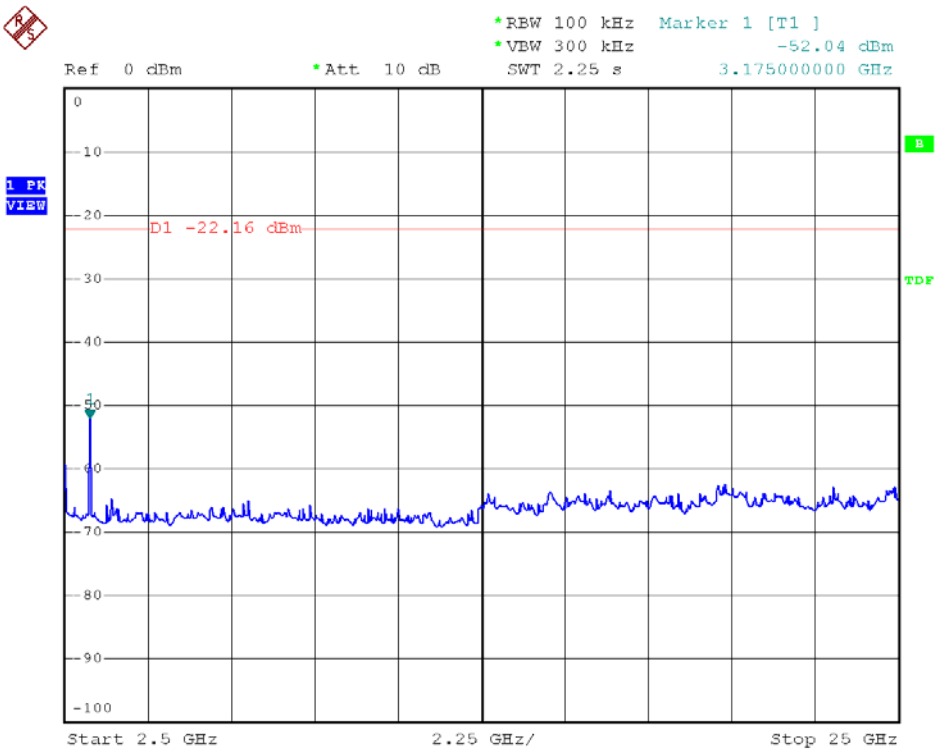
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 01



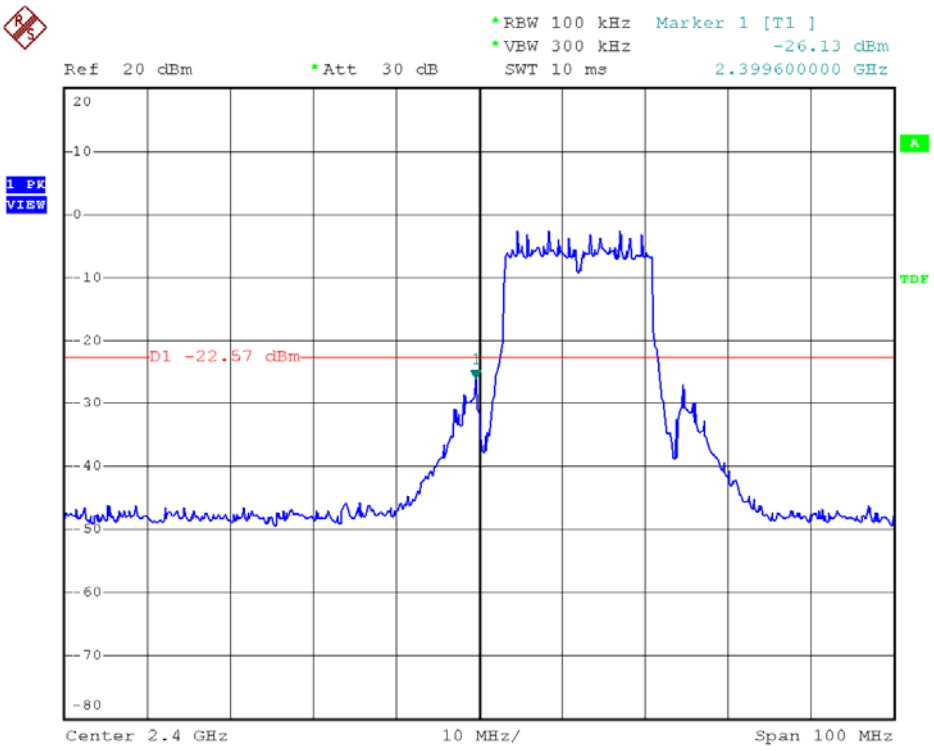


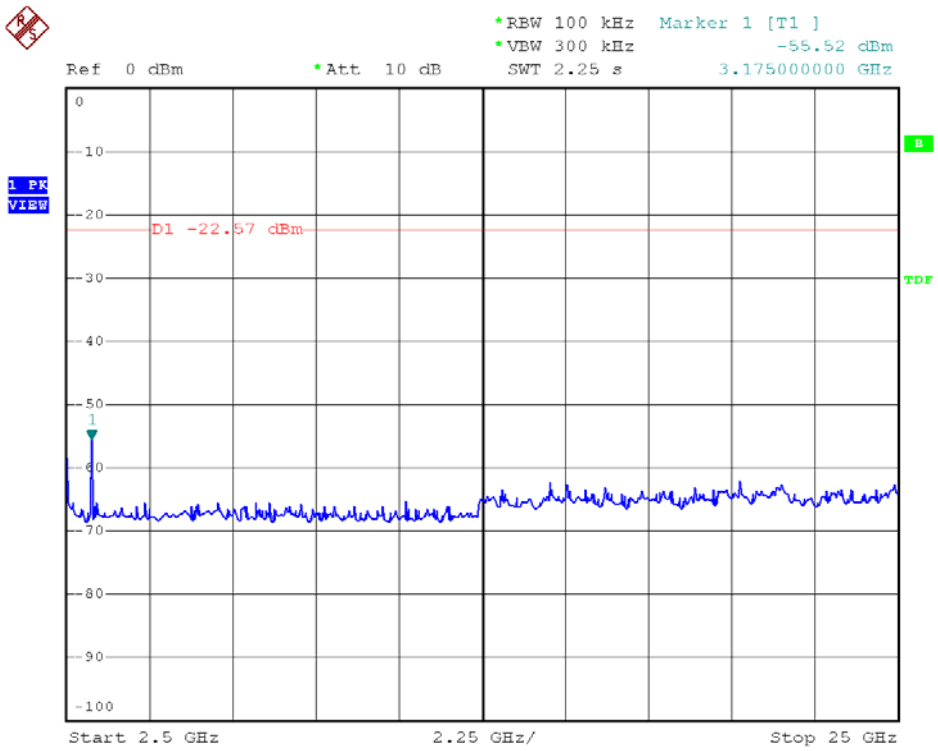
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 01



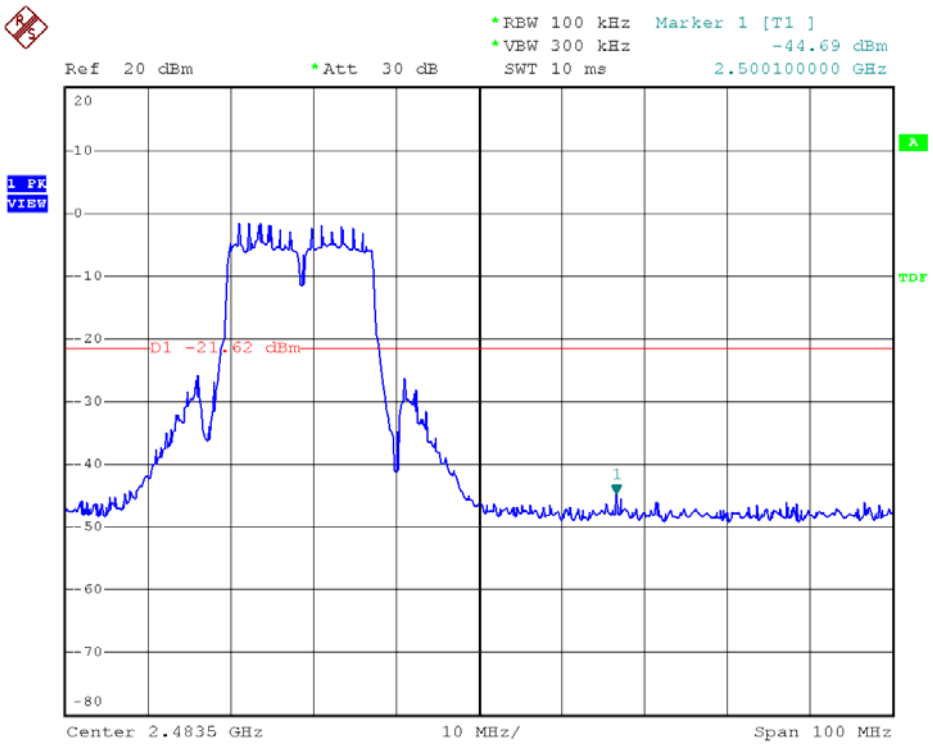


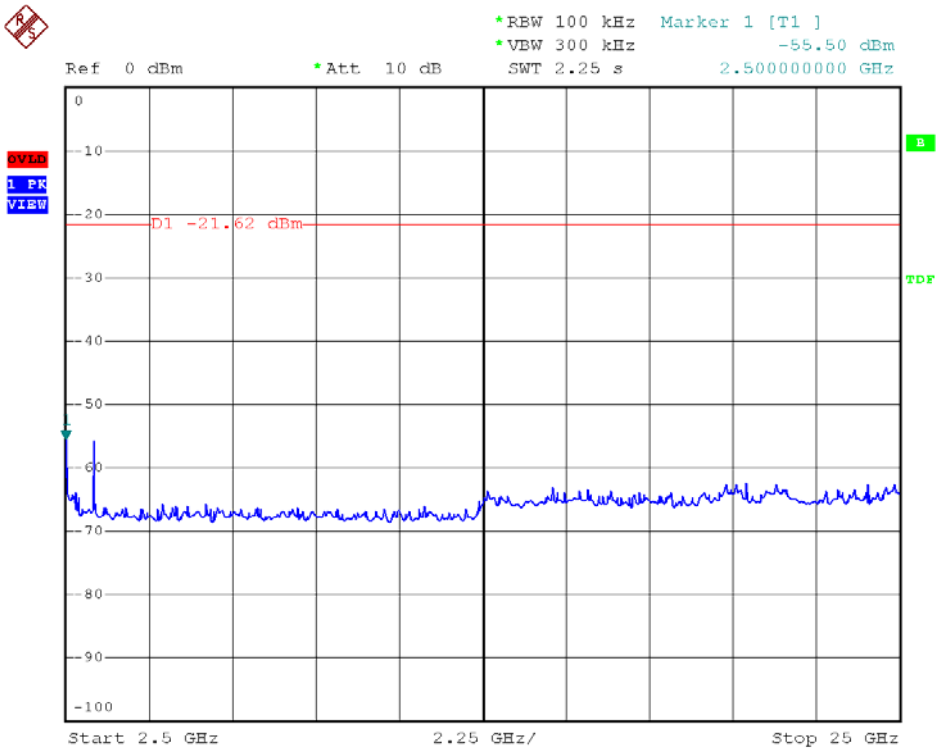
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 01



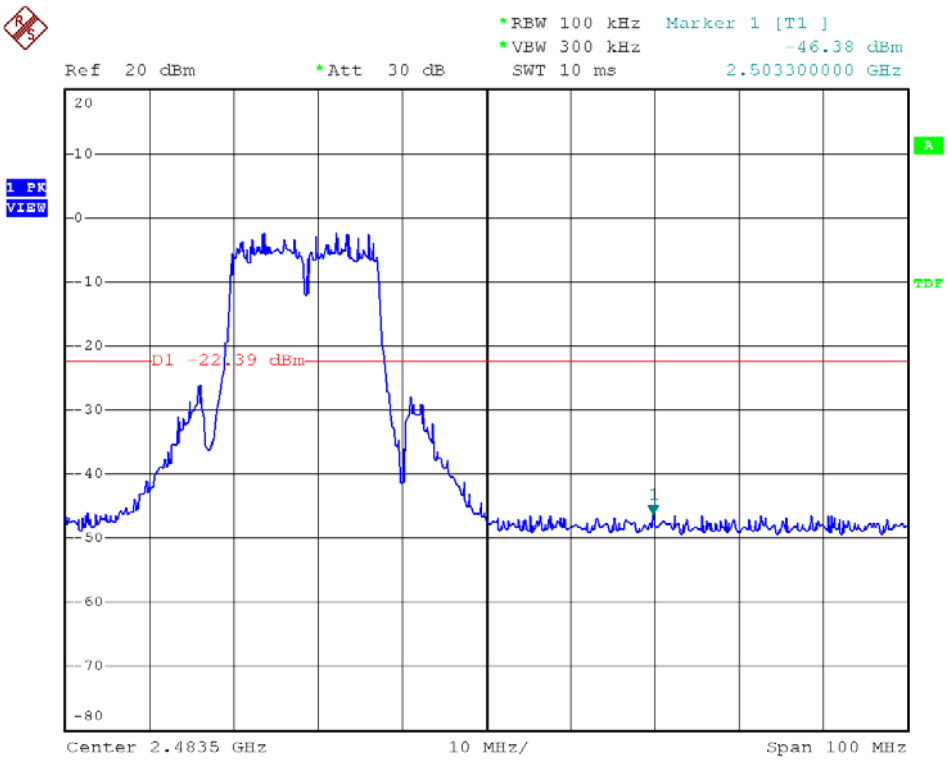


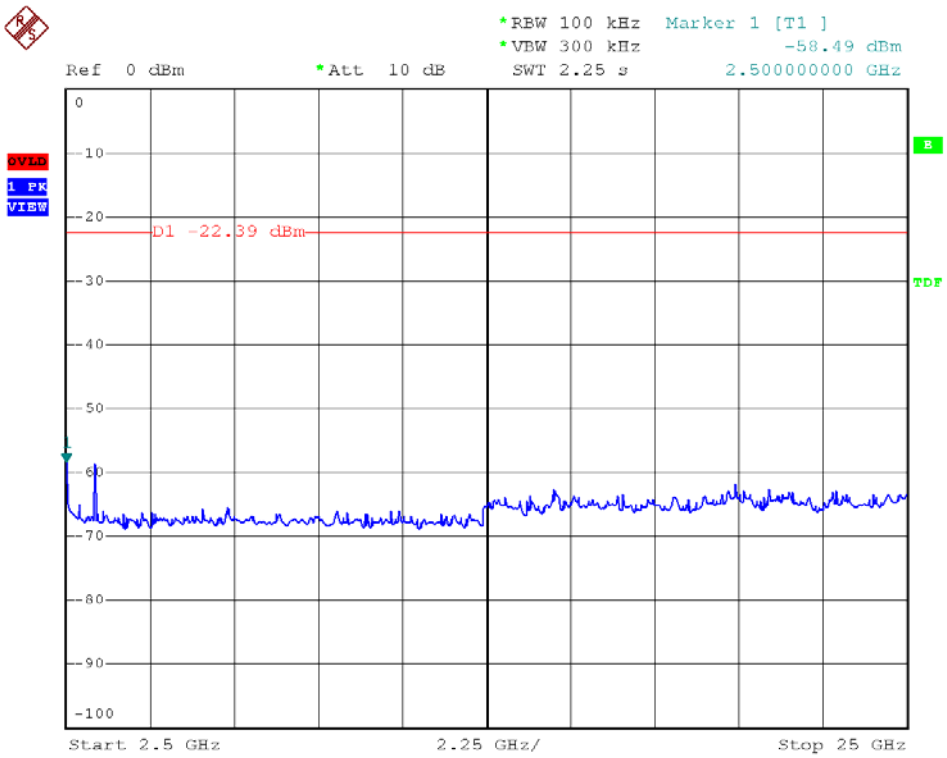
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT R
Channel: 11



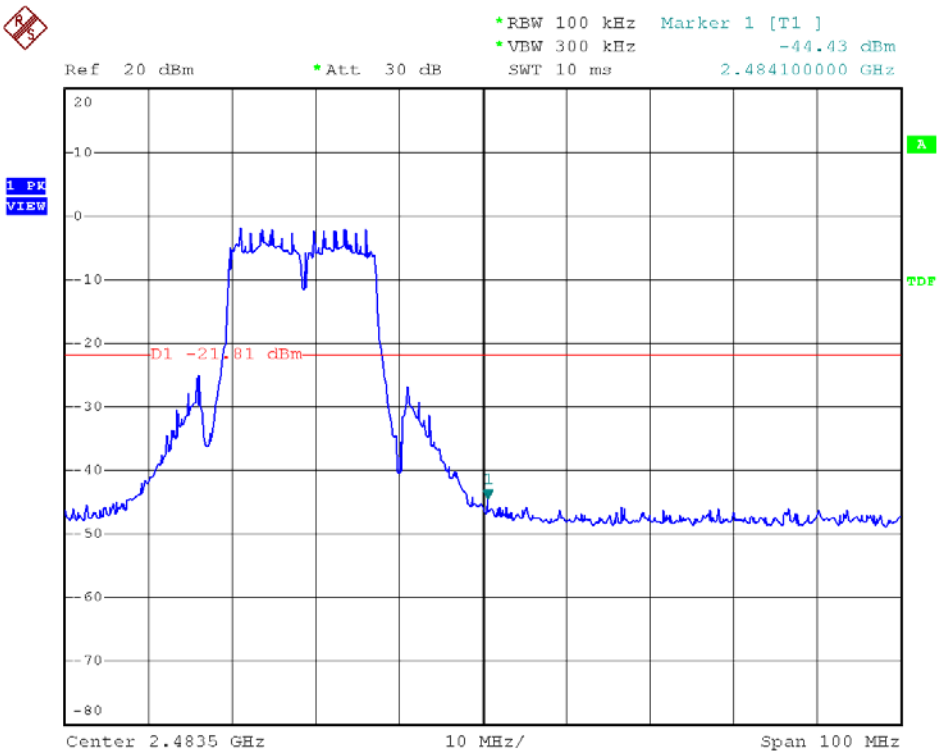


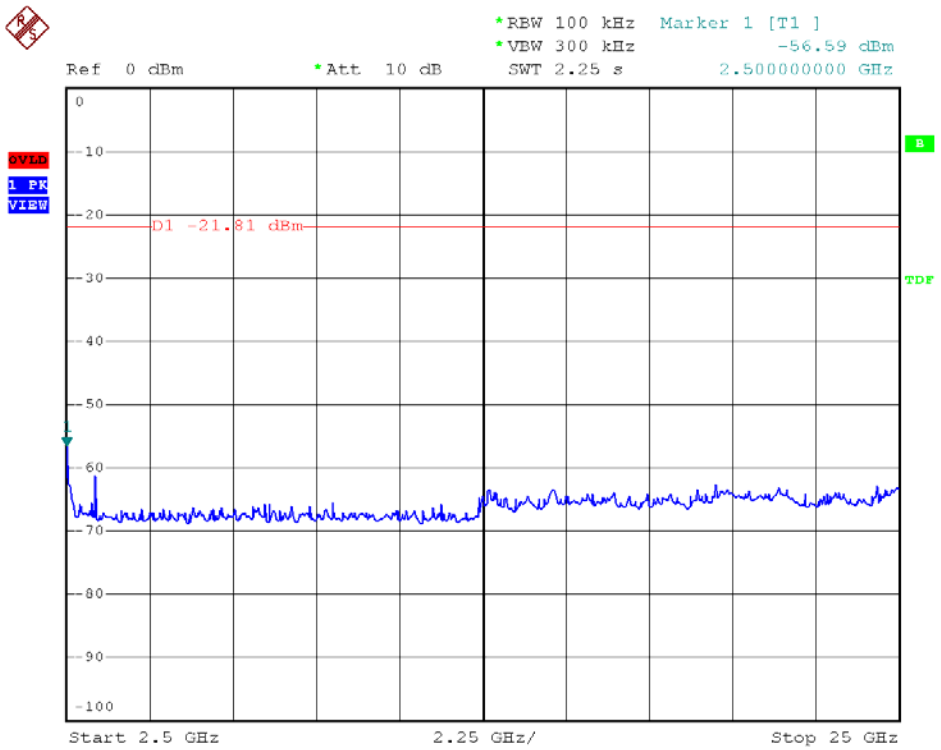
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT M
Channel: 11



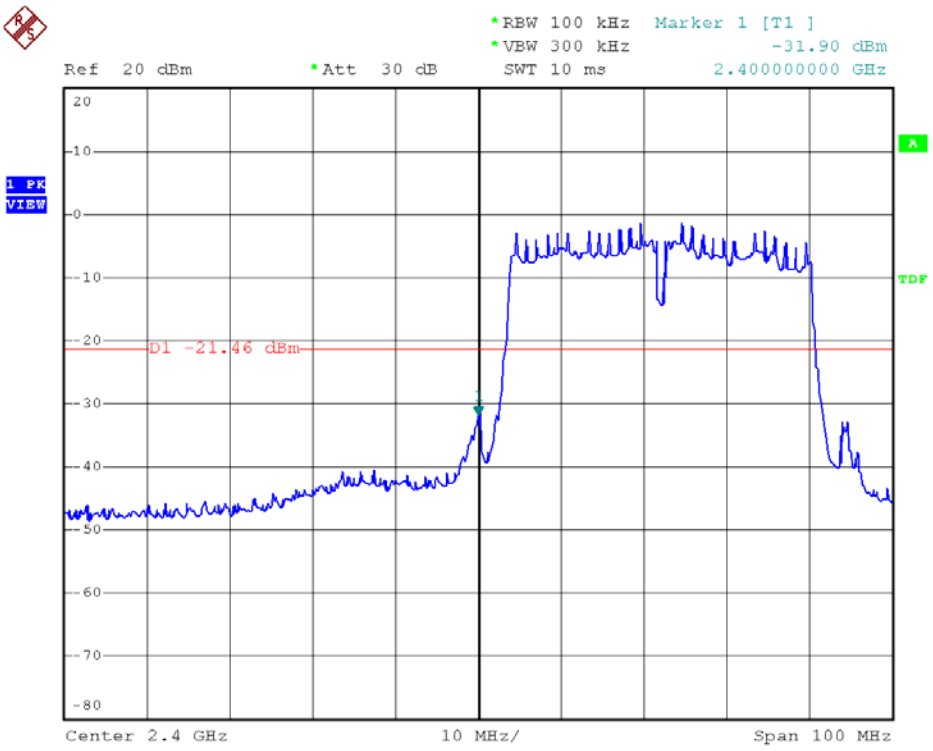


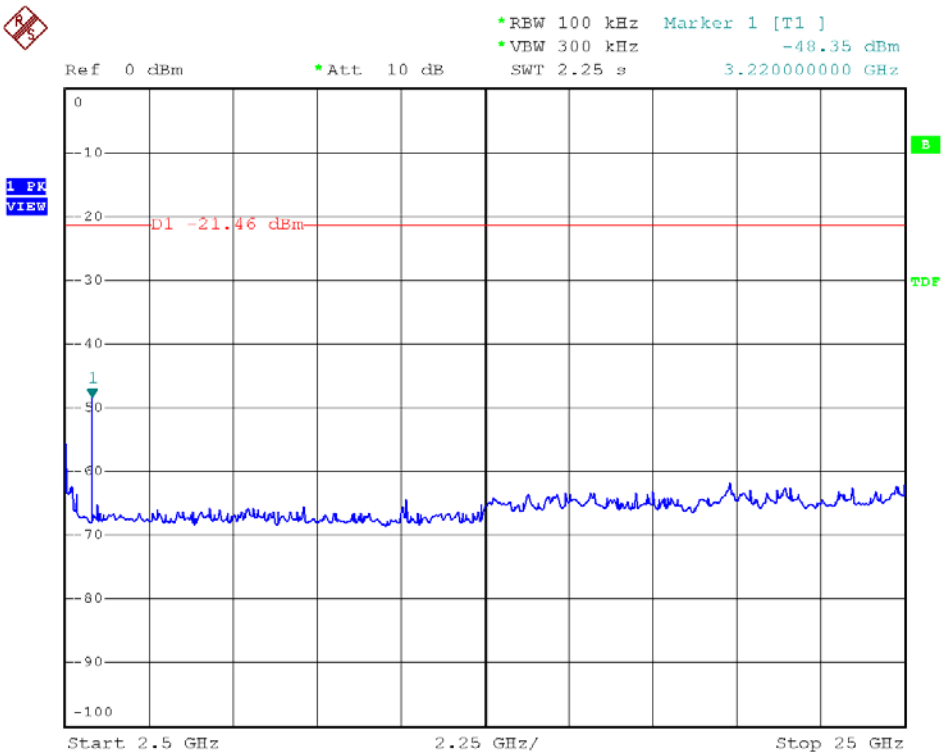
Modulation Standard: 802.11n HT20 (6.5Mbps), ANT L
Channel: 11



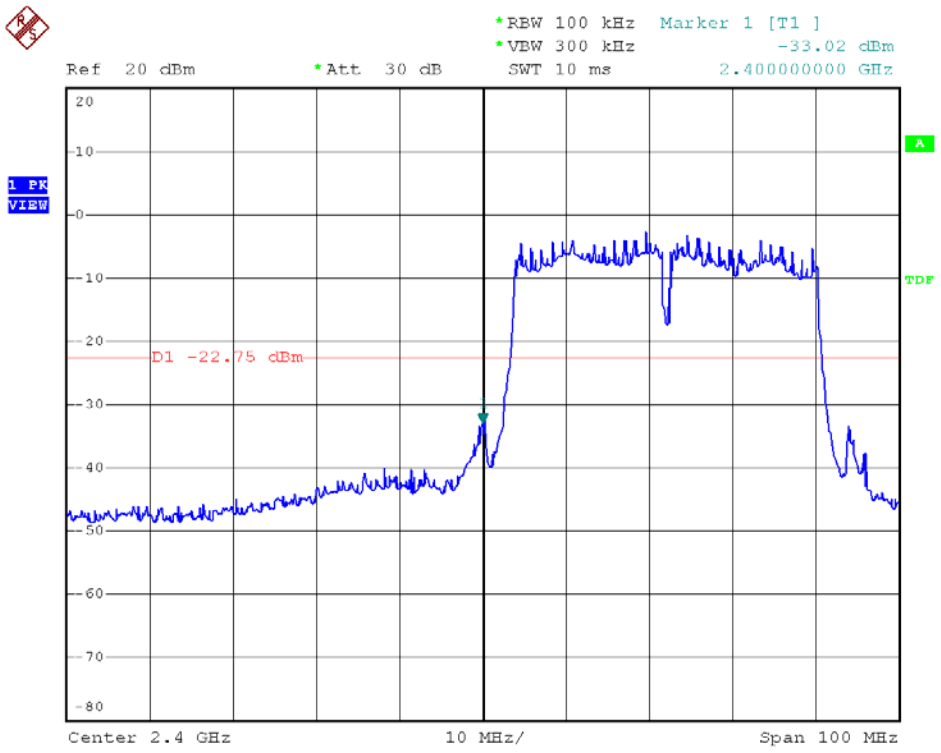


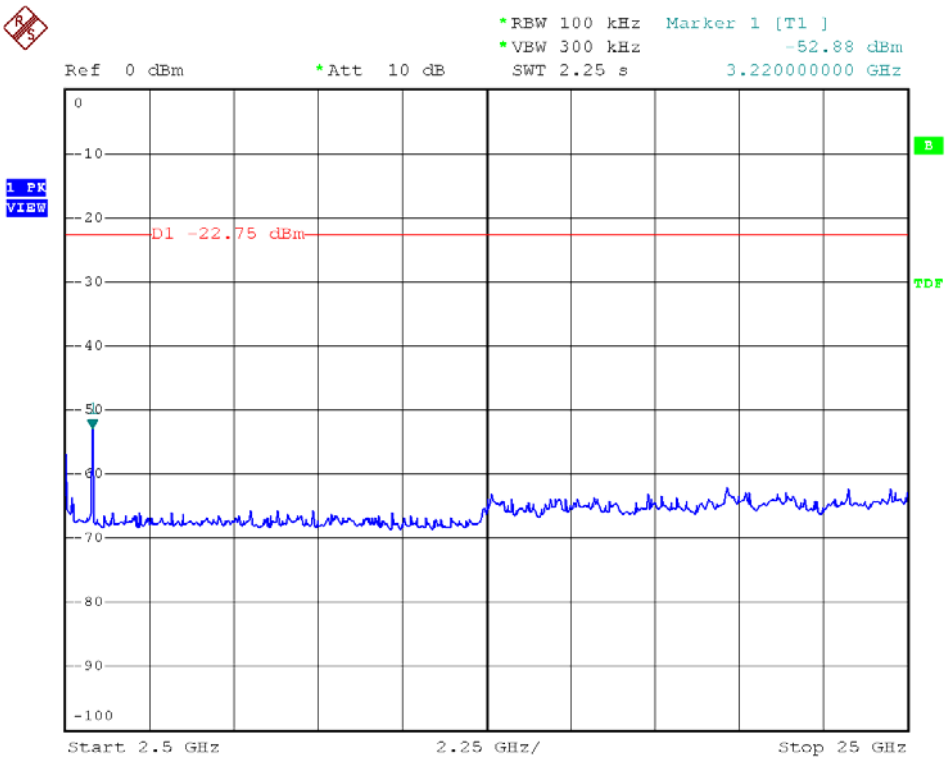
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 03



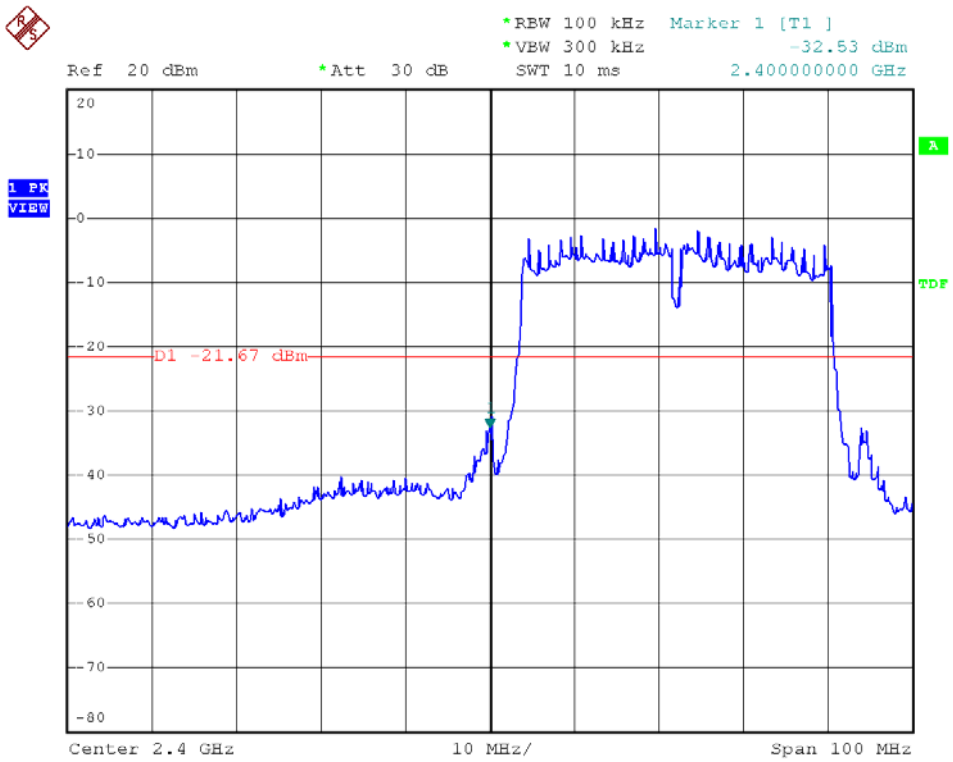


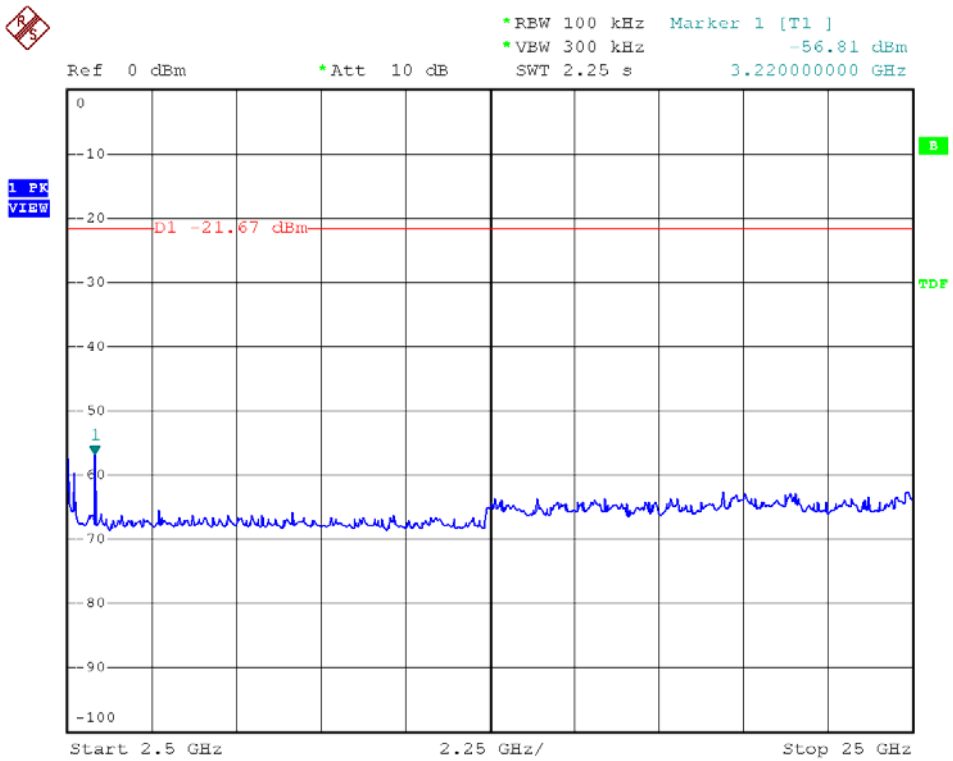
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 03



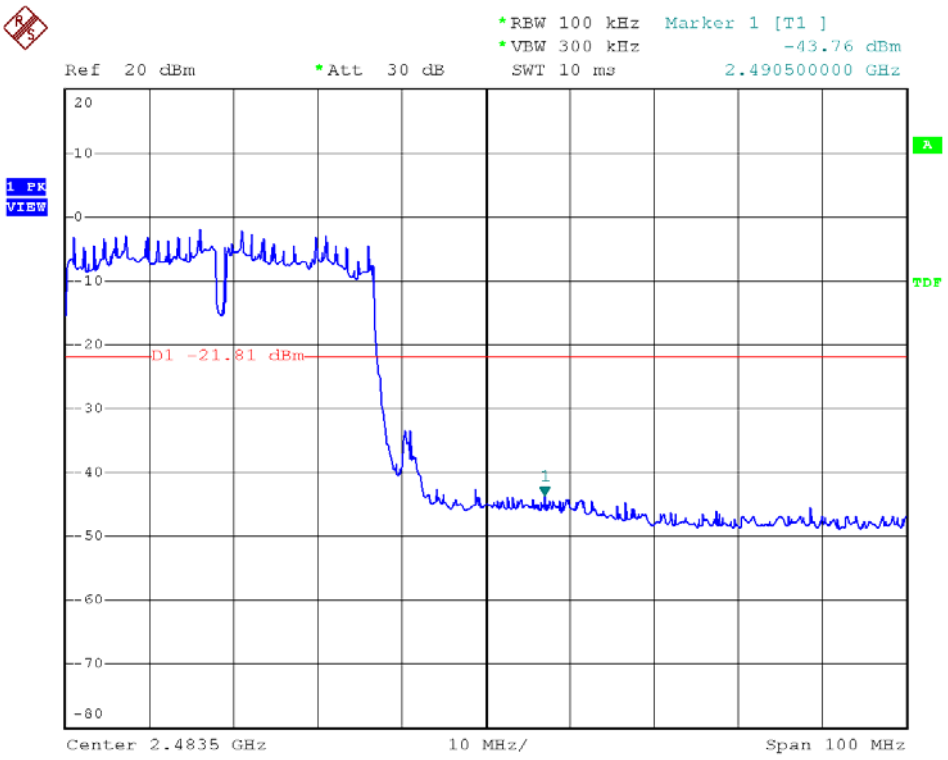


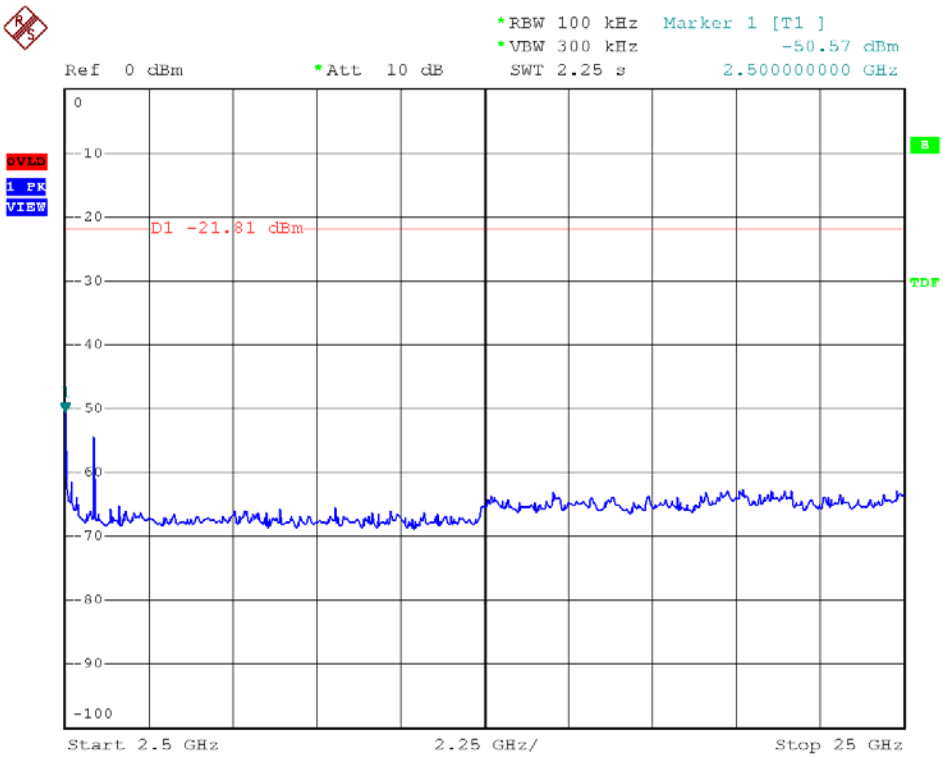
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 03



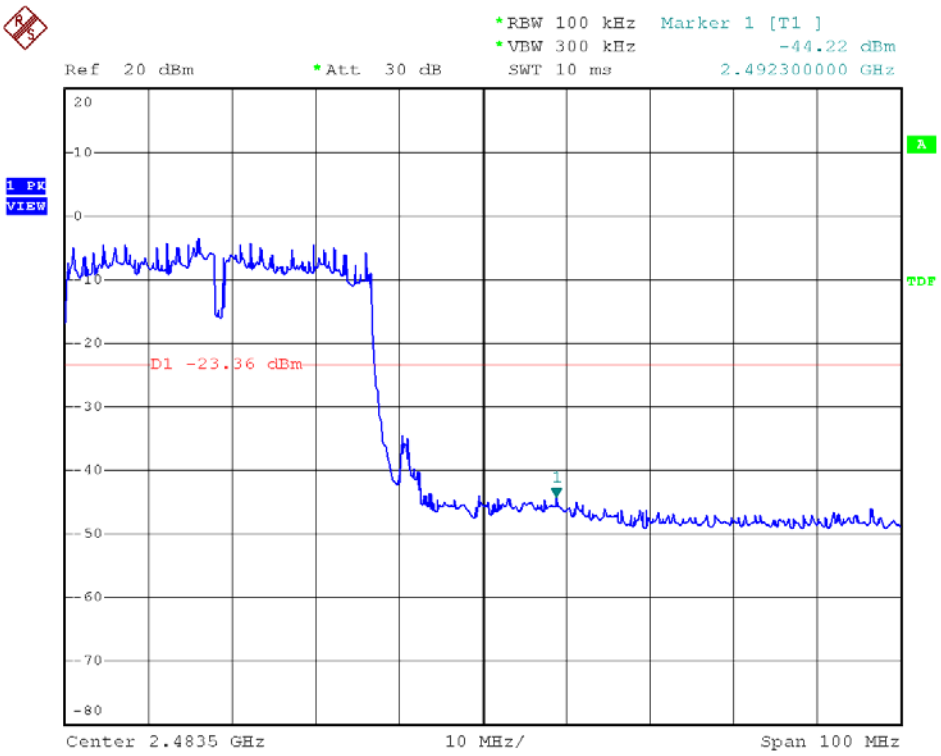


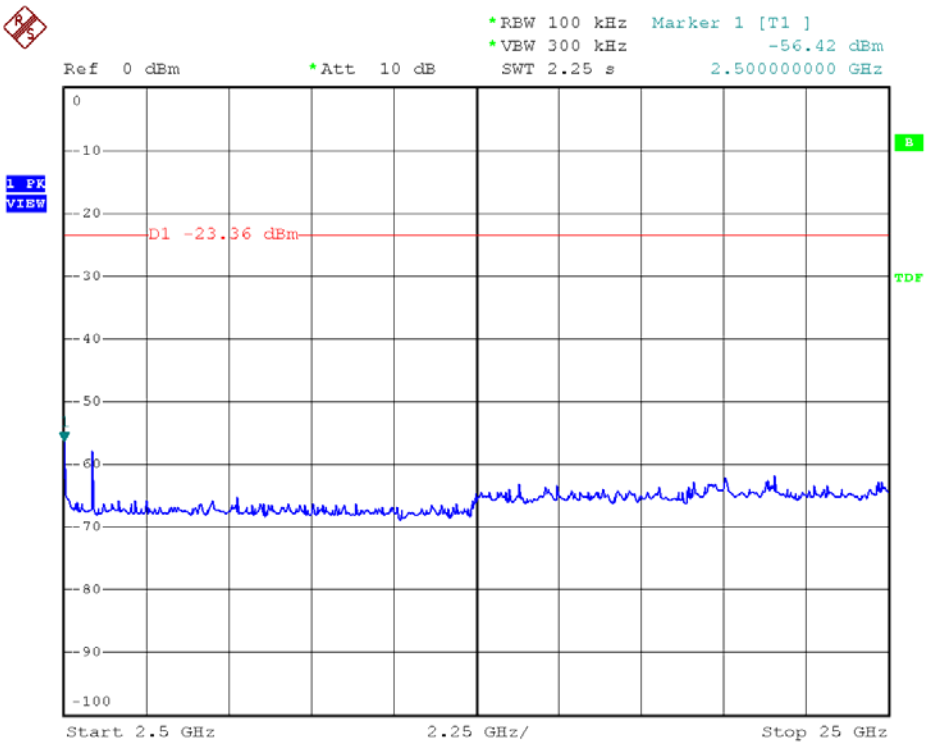
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT R
Channel: 09



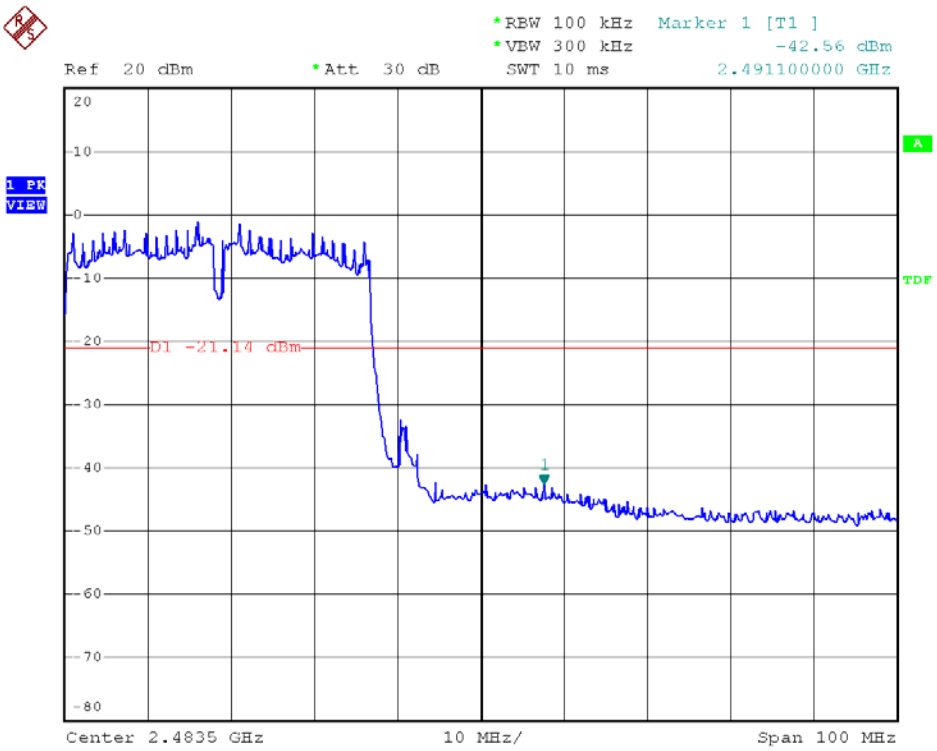


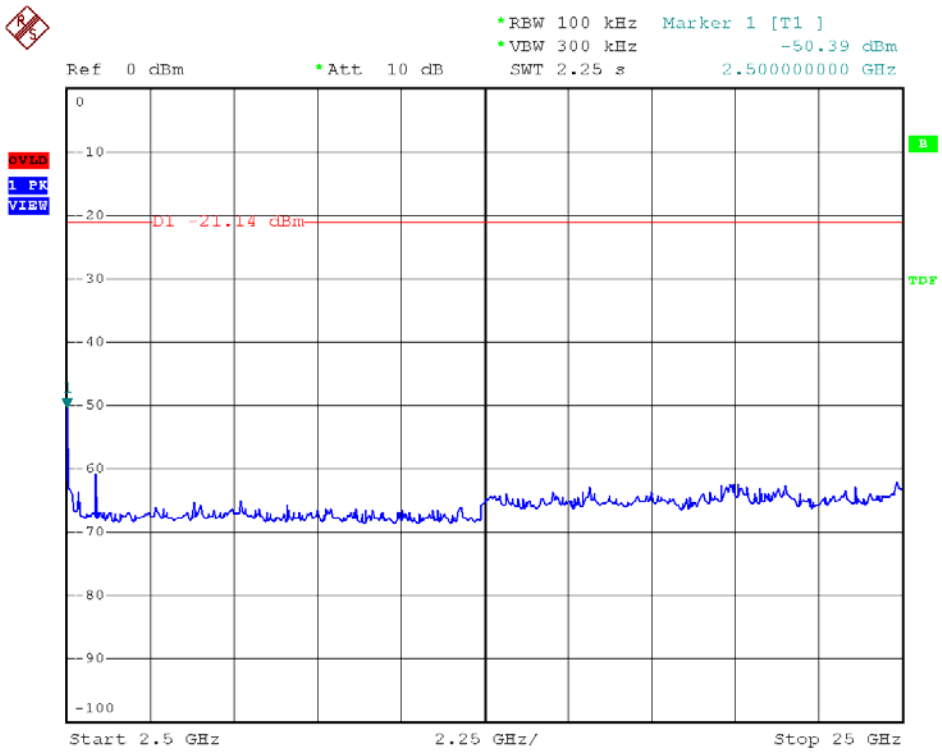
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT M
Channel: 09



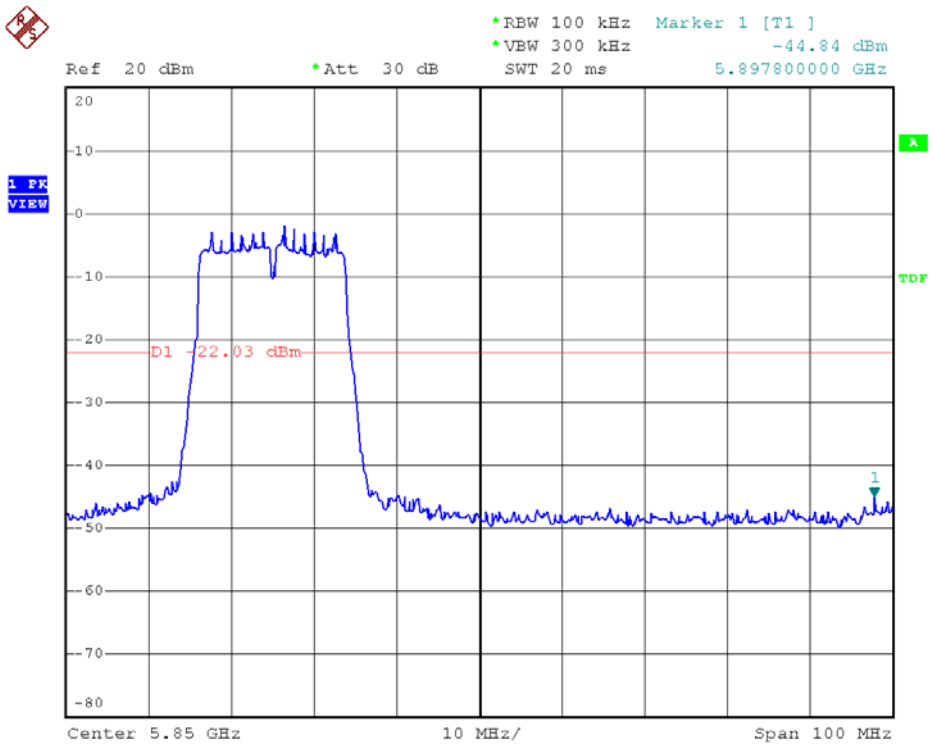


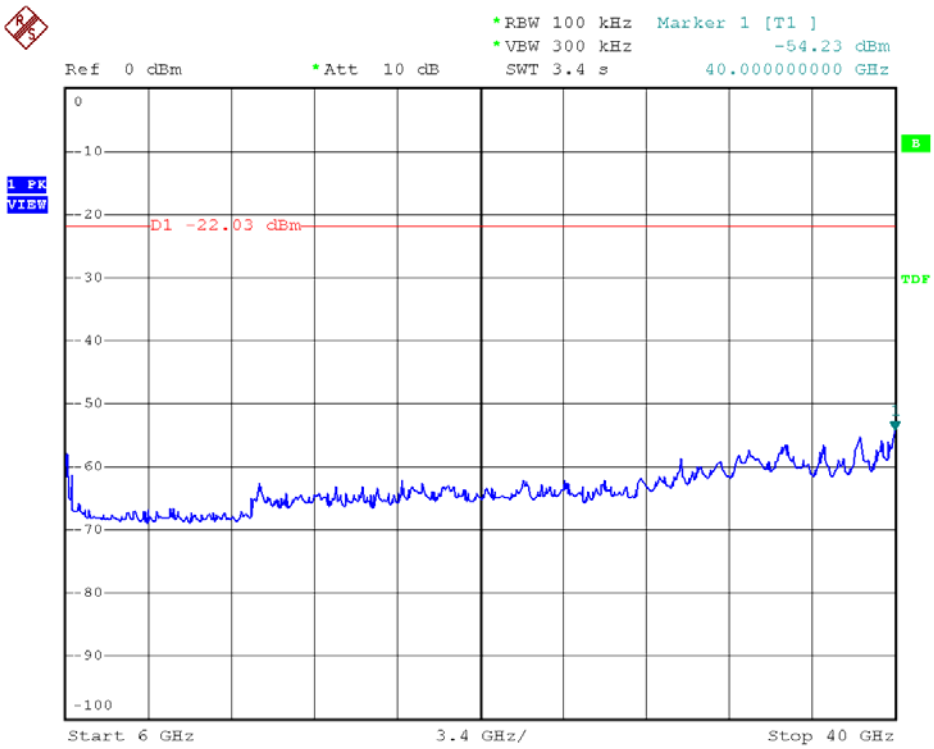
Modulation Standard: 802.11n HT40 (13.5Mbps), ANT L
Channel: 09



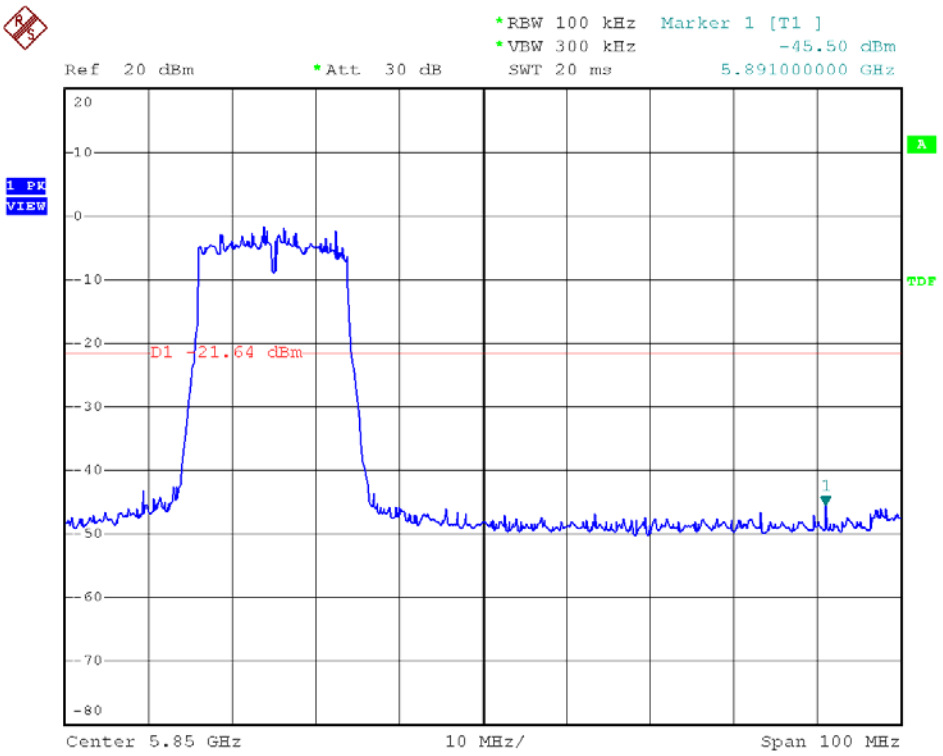


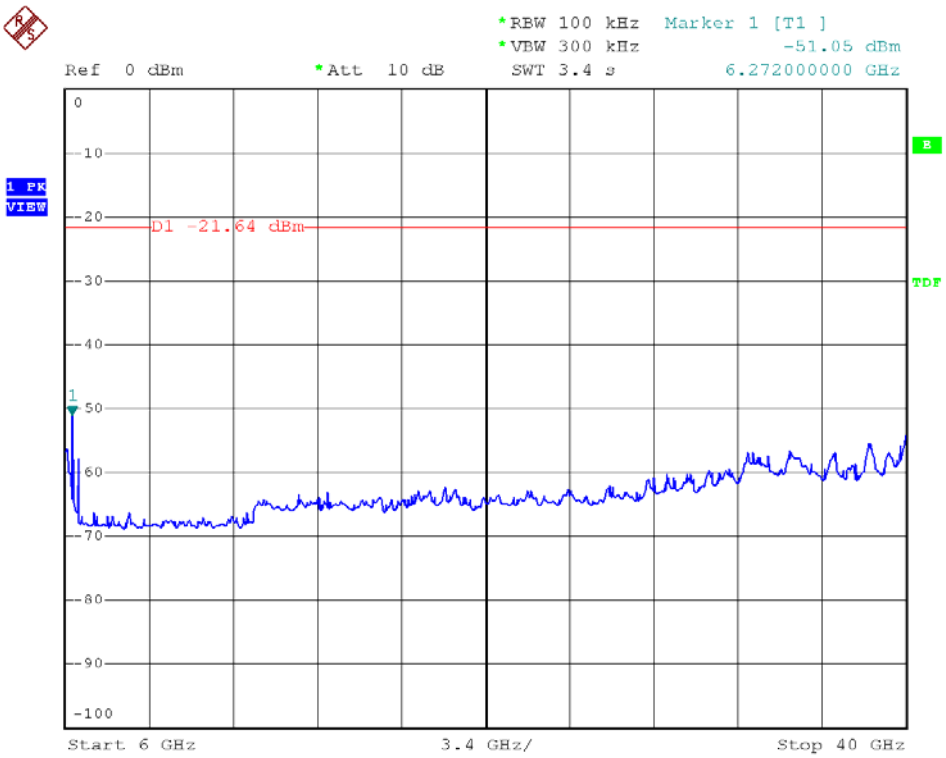
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT R
Channel: 165



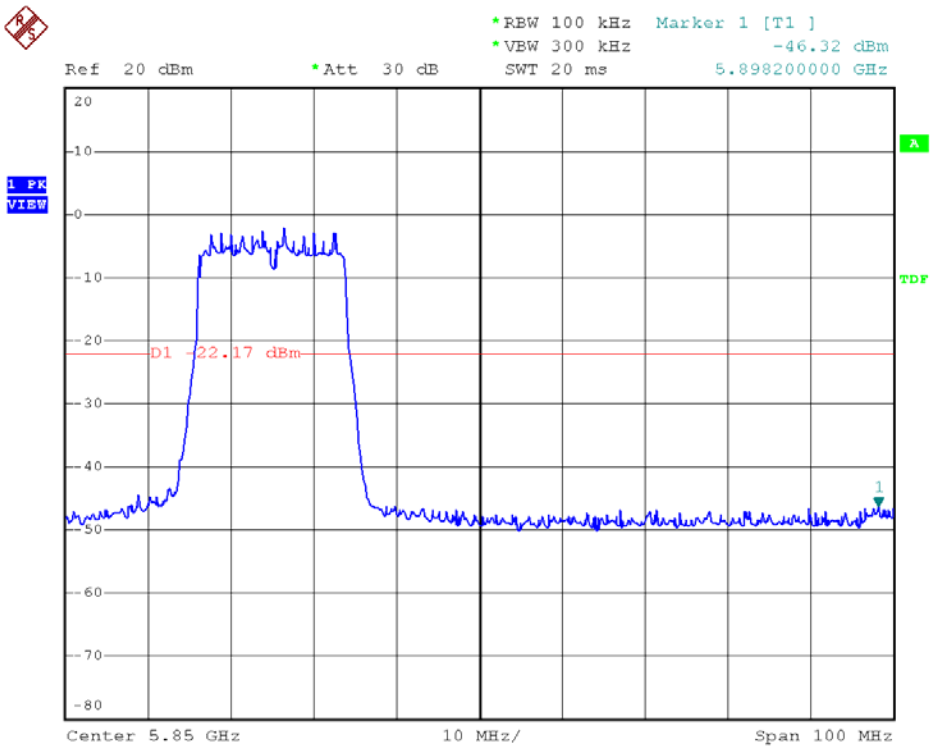


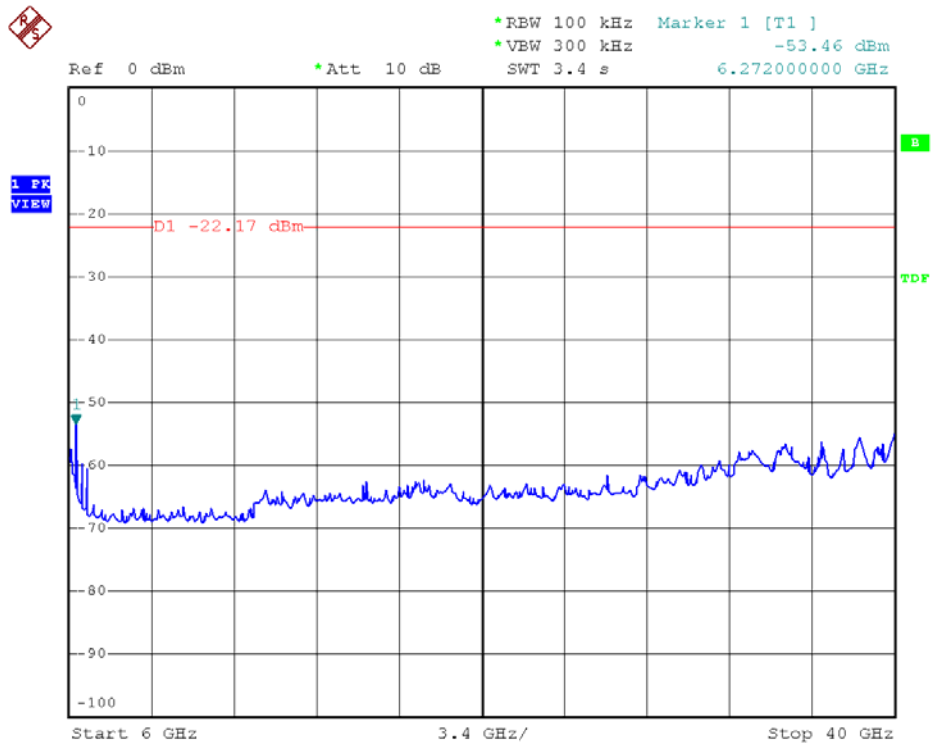
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT M
Channel: 165



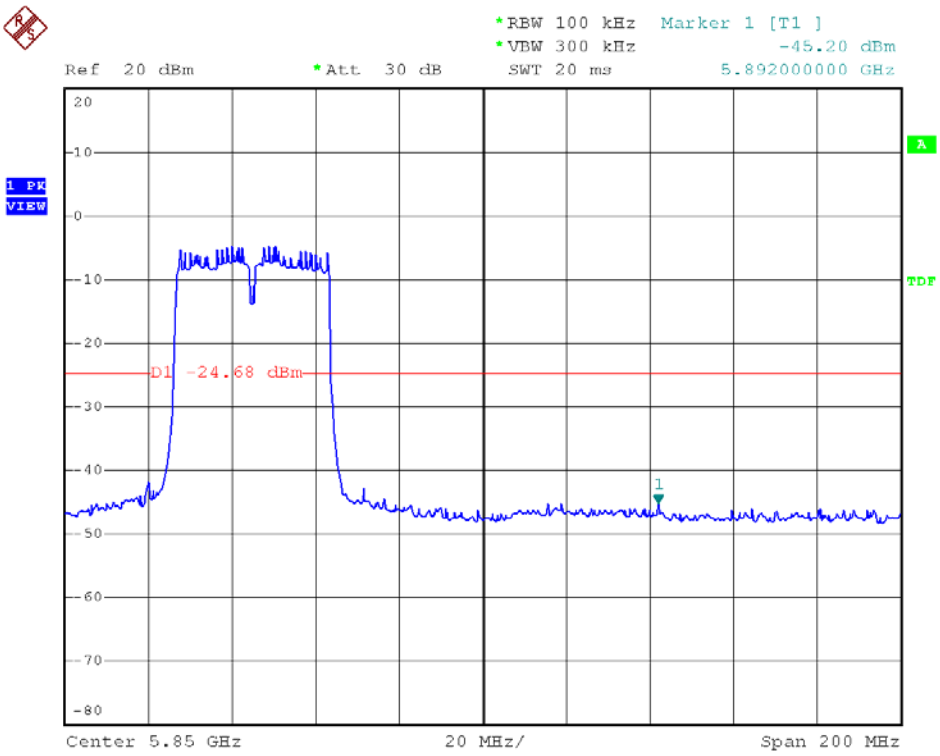


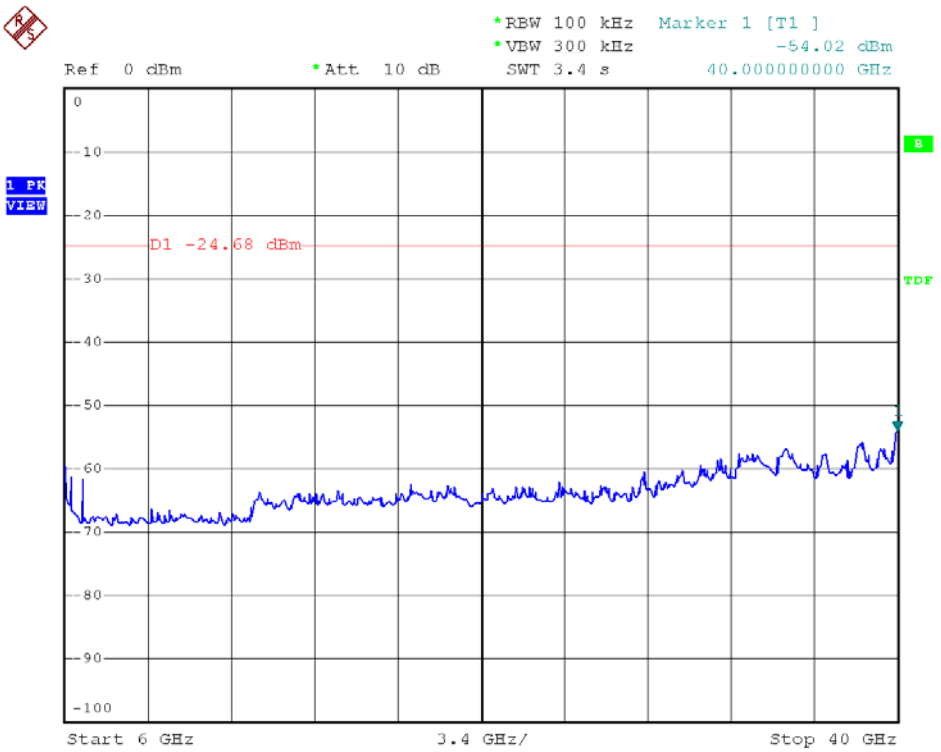
Modulation Standard: 802.11ac VHT20 (6.5Mbps), ANT L
Channel: 165



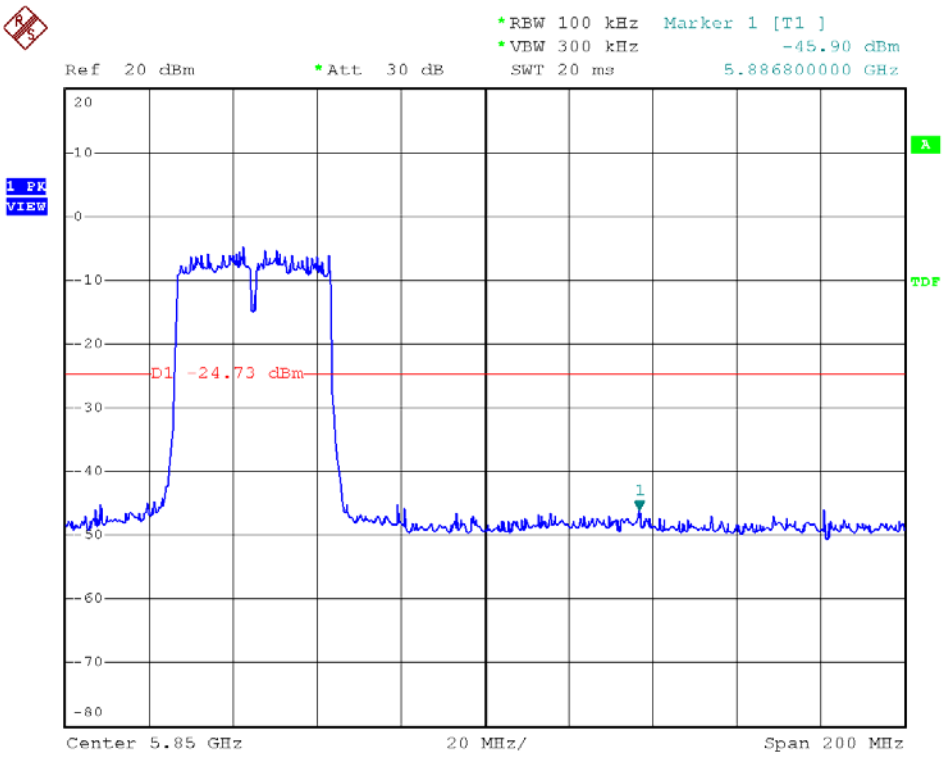


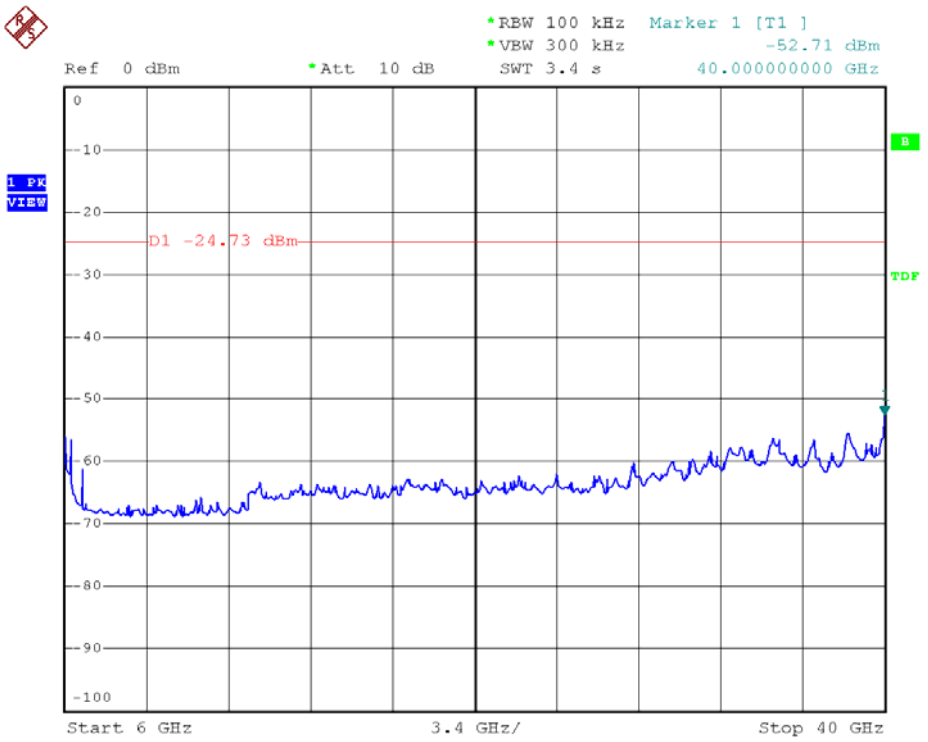
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT R
Channel: 159



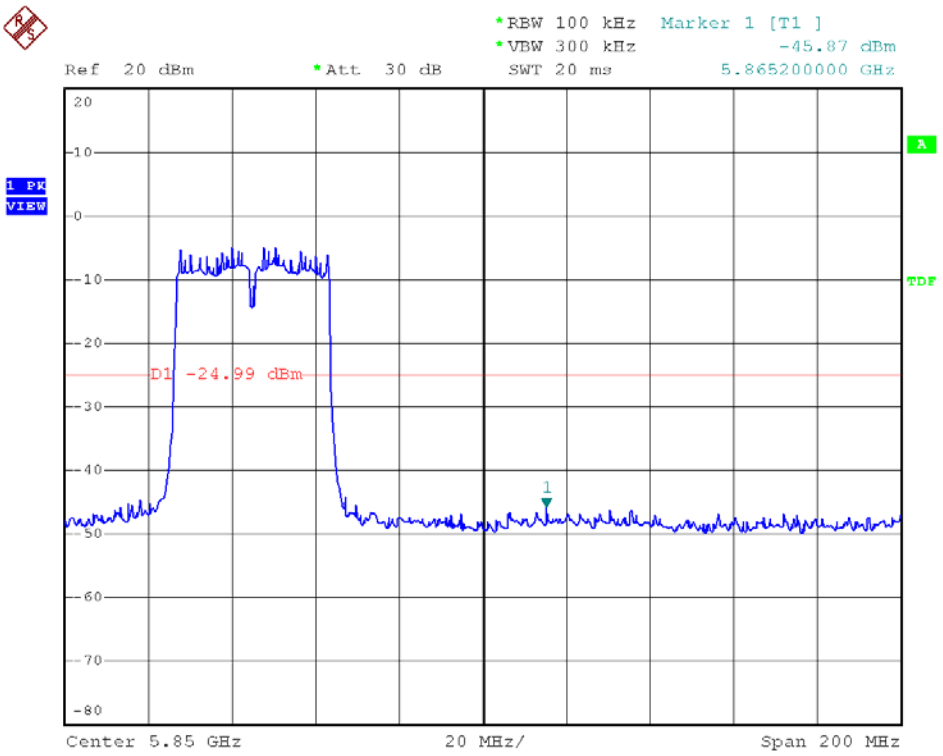


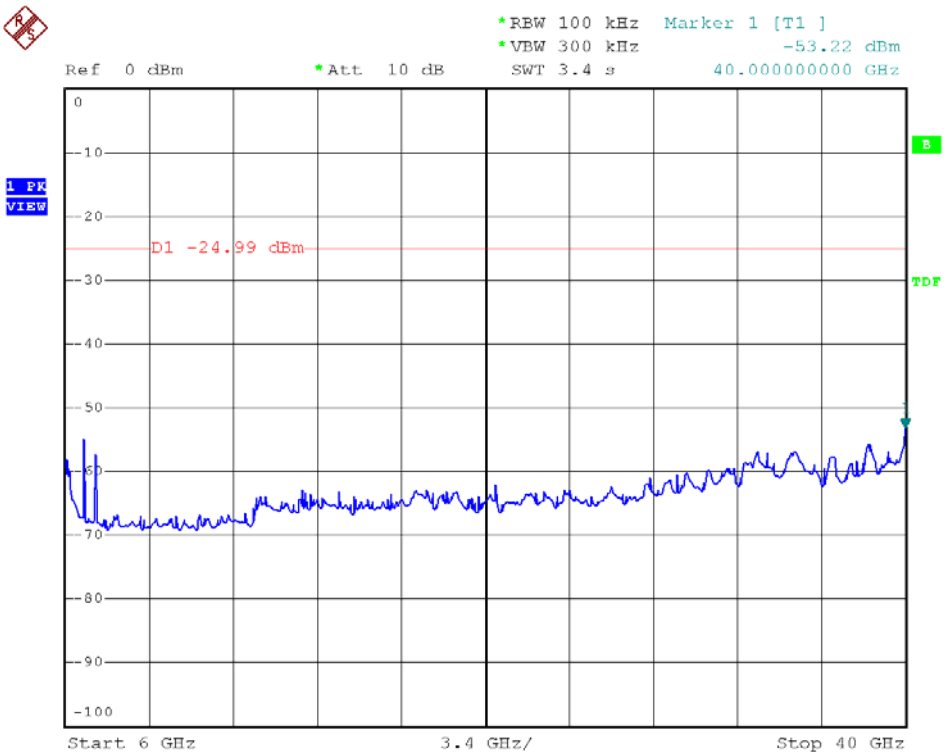
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT M
Channel: 159



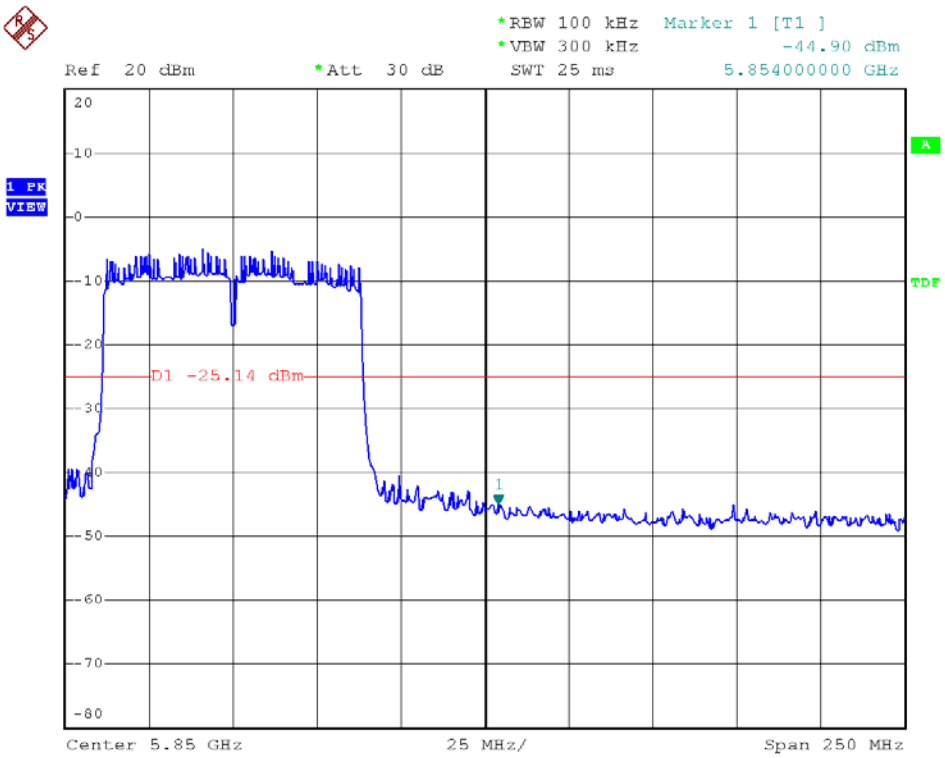


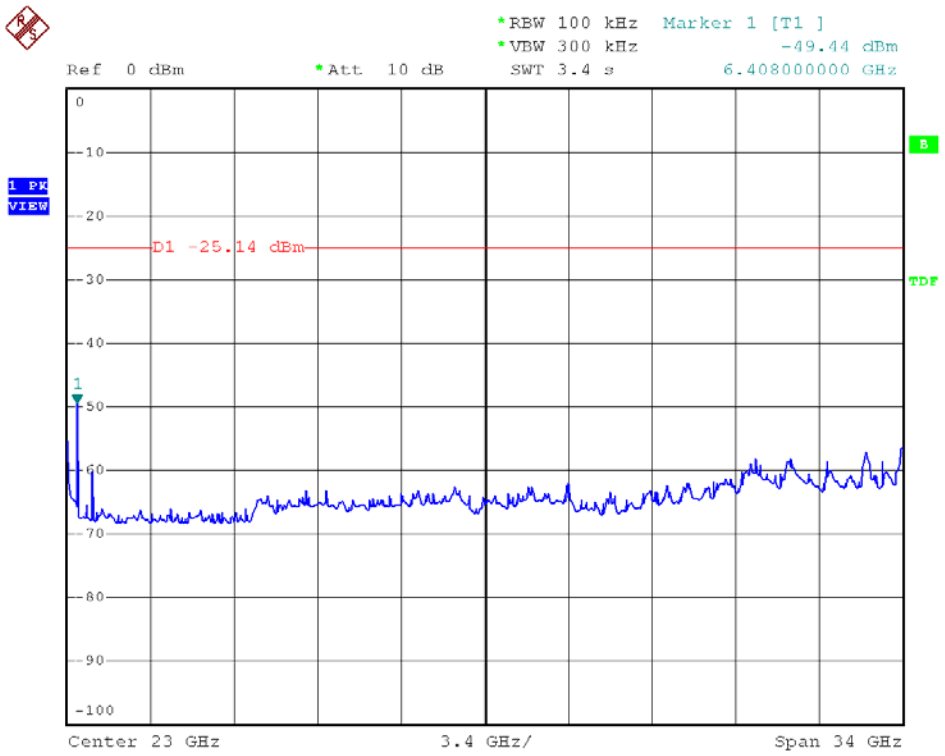
Modulation Standard: 802.11ac VHT40 (13.5Mbps), ANT L
Channel: 159



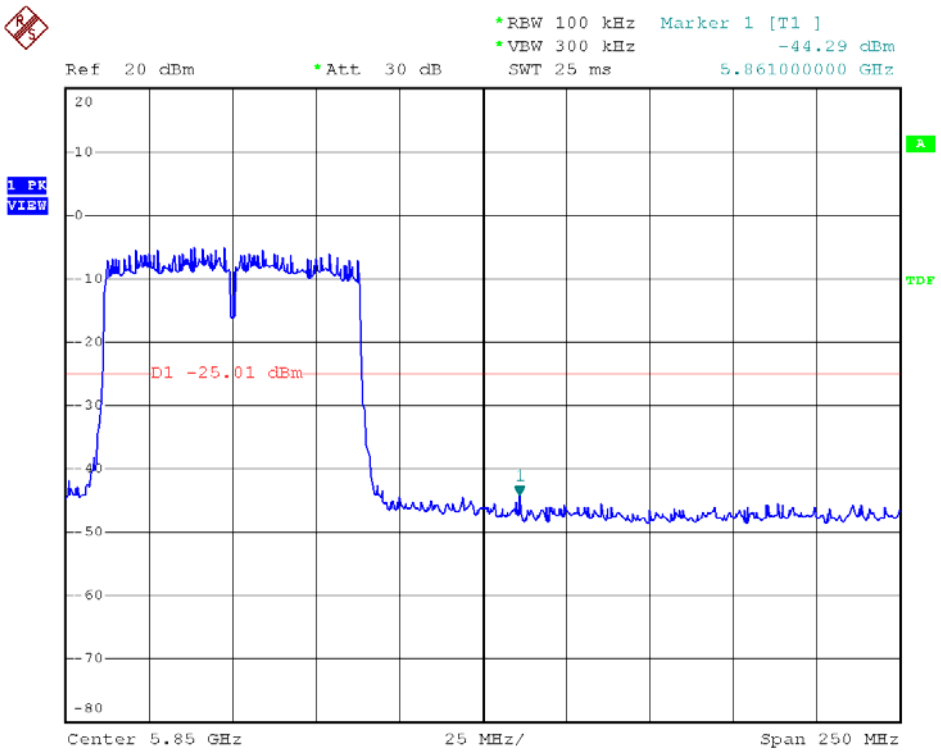


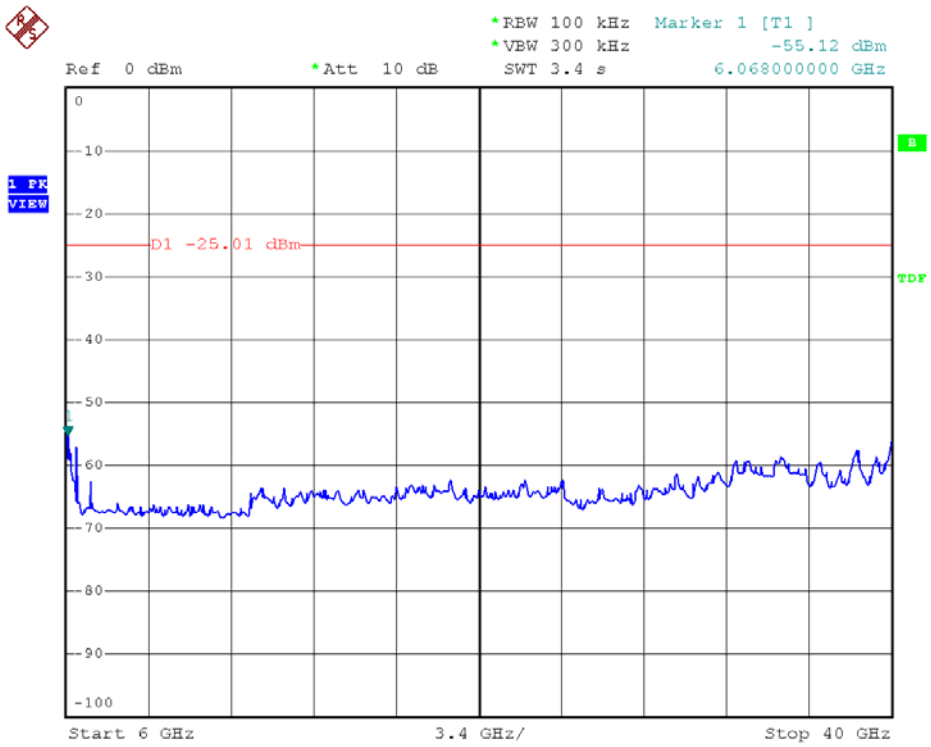
Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT R
Channel: 155



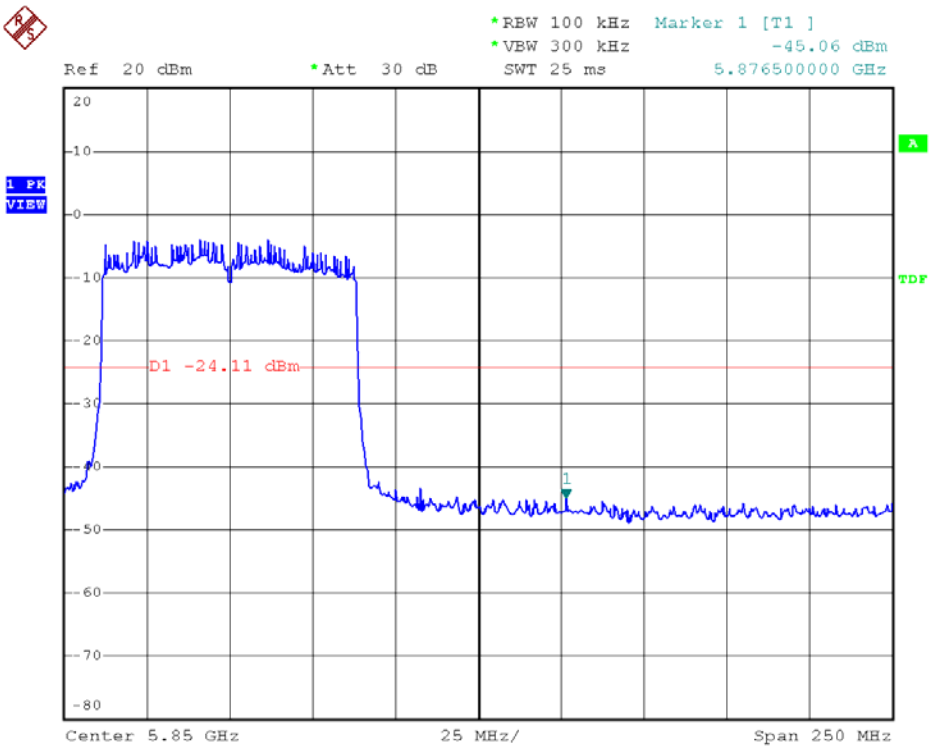


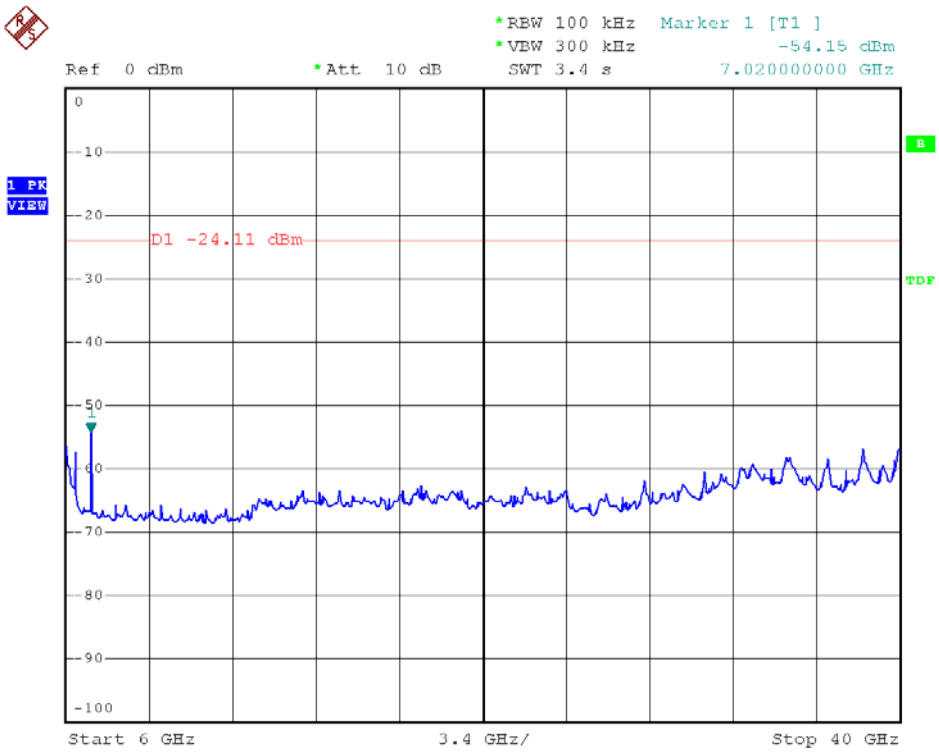
Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT M
Channel: 155





Modulation Standard: 802.11ac VHT80 (29.3Mbps), ANT L
Channel: 155





9.6 Restrict Band Emission Measurement Data

Test Date: Mar. 19, 2013 Temperature: 22 ℃

Atmospheric pressure: 1020 hPa Humidity: 65 %

Model No.: UAP-AC

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			
2376.09	H	50.62	1.49	52.11	Peak	74	54	-21.89	153	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2331.62	V	51.88	3.05	54.93	Peak	74	54	-19.07	117	1.00
2331.93	V	40.91	3.04	43.95	Ave	74	54	-10.05	117	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			
2483.66	H	50.04	0.10	50.14	Peak	74	54	-23.86	154	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2484.04	V	51.83	-2.57	49.26	Peak	74	54	-24.74	113	1.00
---	V	---	---	---	Ave	74	54	---	---	---

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			
2387.31	H	50.47	1.44	51.91	Peak	74	54	-22.09	153	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2389.86	V	53.73	2.07	55.80	Peak	74	54	-18.20	118	1.00
2389.81	V	41.66	2.07	43.73	Ave	74	54	-10.27	118	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	51.23	0.10	51.33	Peak	74	54	-22.67	150	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2483.54	V	54.60	-2.54	52.86	Peak	74	54	-21.94	114	1.00
---	V	---	---	---	Ave	74	54	---	---	---

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			
2389.86	H	50.94	1.44	52.38	Peak	74	54	-21.62	155	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2389.56	V	58.14	2.08	60.22	Peak	74	54	-13.78	124	1.00
2389.81	V	44.77	2.07	46.84	Ave	74	54	-7.16	124	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			
2483.73	H	51.28	0.10	51.38	Peak	74	54	-22.62	156	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2484.72	V	60.01	-2.61	57.40	Peak	74	54	-16.60	186	1.00
2483.94	V	46.14	-2.56	42.58	Ave	74	54	-11.42	186	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			
2383.64	H	56.42	1.46	57.88	Peak	74	54	-16.12	138	1.00
2385.73	H	41.58	1.45	43.03	Ave	74	54	-10.97	138	1.00
2388.74	V	65.76	2.10	67.86	Peak	74	54	-6.14	188	1.00
2384.97	V	48.33	2.15	50.48	Ave	74	54	-3.52	188	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			
2491.33	H	54.88	-0.02	54.86	Peak	74	54	-19.14	200	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2485.10	V	65.77	-2.63	63.14	Peak	74	54	-10.86	115	1.00
2488.12	V	46.68	-2.78	43.90	Ave	74	54	-10.10	115	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.

Test Date: Mar. 19, 2013 Temperature: 22 ℃

Atmospheric pressure: 1020 hPa Humidity: 65 %

Model No.: UAP-AC Outdoor

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			
2321.42	H	47.50	1.74	49.24	Peak	74	54	-24.76	209	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2387.31	V	60.79	2.10	62.89	Peak	74	54	-11.11	244	1.00
2389.81	V	48.11	2.07	50.18	Ave	74	54	-3.82	244	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			
2483.96	H	49.25	0.10	49.35	Peak	74	54	-24.65	182	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2483.96	V	56.61	-2.57	54.04	Peak	74	54	-19.96	251	1.00
2483.56	V	45.07	-2.54	42.53	Ave	74	54	-11.47	251	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			
2389.35	H	49.59	1.44	51.03	Peak	74	54	-22.97	205	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2389.35	V	60.44	2.08	62.52	Peak	74	54	-11.48	242	1.00
2389.81	V	48.28	2.07	50.35	Ave	74	54	-3.65	242	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			
2483.58	H	50.34	0.11	50.45	Peak	74	54	-23.55	183	1.00
---	H	---	---	---	Ave	74	54	---	---	---
2483.96	V	62.01	-2.57	59.44	Peak	74	54	-14.56	253	1.00
2483.56	V	49.06	-2.54	46.52	Ave	74	54	-7.48	253	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			
2389.56	H	63.70	1.44	65.14	Peak	74	54	-8.86	141	1.00
2389.81	H	46.00	1.44	47.44	Ave	74	54	-6.56	141	1.00
2389.35	V	61.77	2.08	63.85	Peak	74	54	-10.15	244	1.00
2389.81	V	48.54	2.07	50.61	Ave	74	54	-3.39	244	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			
2483.96	H	63.53	0.10	63.63	Peak	74	54	-10.37	186	1.00
2483.56	H	48.71	0.11	48.82	Ave	74	54	-5.18	186	1.00
2483.58	V	60.69	-2.54	58.15	Peak	74	54	-15.85	254	1.00
2483.56	V	47.85	-2.54	45.31	Ave	74	54	-8.69	254	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			
2483.96	H	63.53	0.10	63.63	Peak	74	54	-10.37	186	1.00
2483.56	H	48.71	0.11	48.82	Ave	74	54	-5.18	186	1.00
2483.58	V	60.69	-2.54	58.15	Peak	74	54	-15.85	254	1.00
2483.56	V	47.85	-2.54	45.31	Ave	74	54	-8.69	254	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			
2483.58	H	69.55	0.11	69.66	Peak	74	54	-4.34	150	1.00
2488.79	H	50.81	0.03	50.84	Ave	74	54	-3.16	150	1.00
2485.56	V	69.67	-2.66	67.01	Peak	74	54	-6.99	179	1.00
2487.46	V	50.03	-2.76	47.27	Ave	74	54	-6.73	179	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.