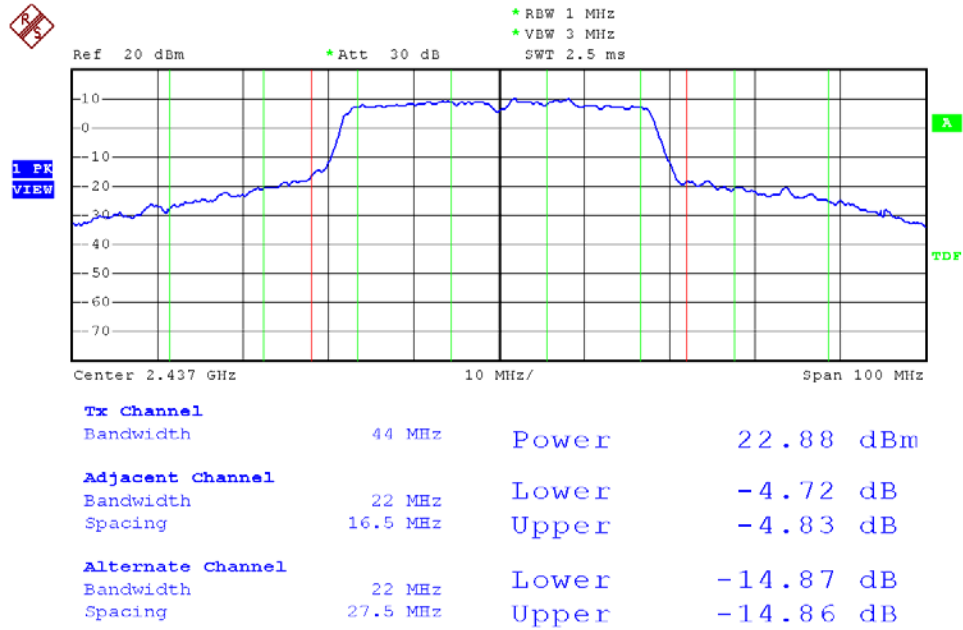
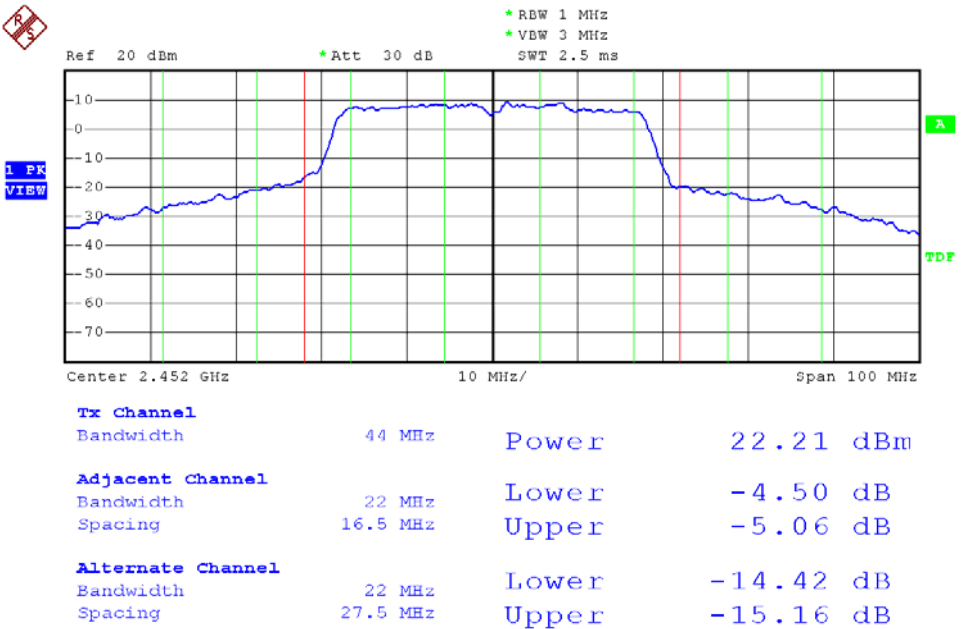




Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Peak Power Output Channel: 06

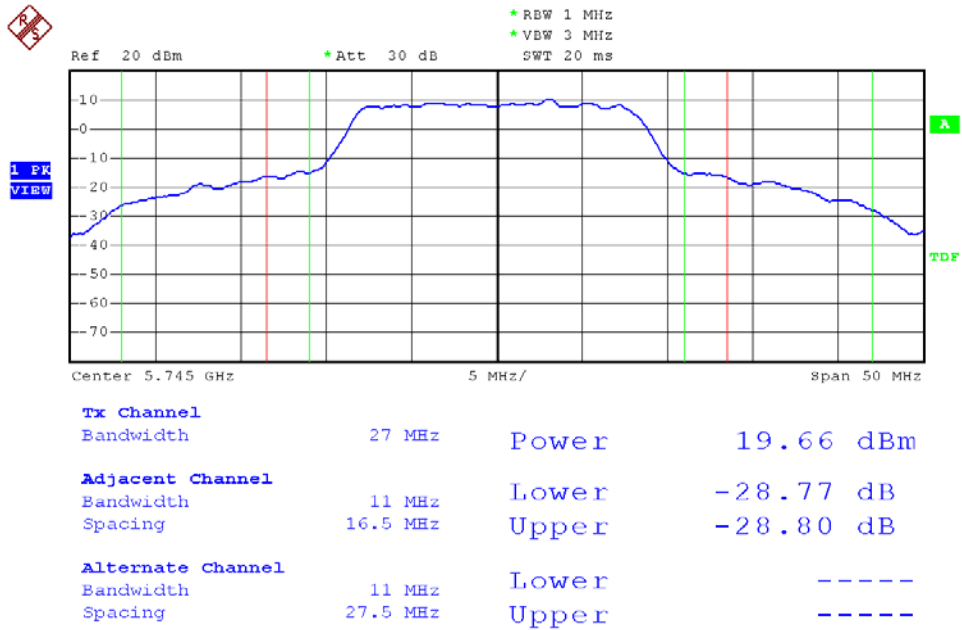


Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Peak Power Output Channel: 09

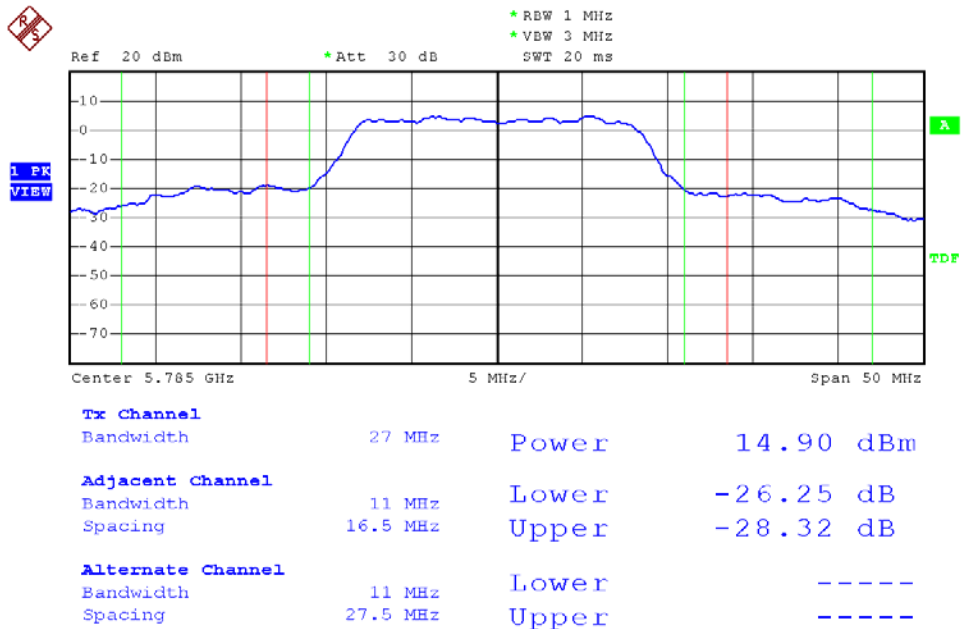




Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 149

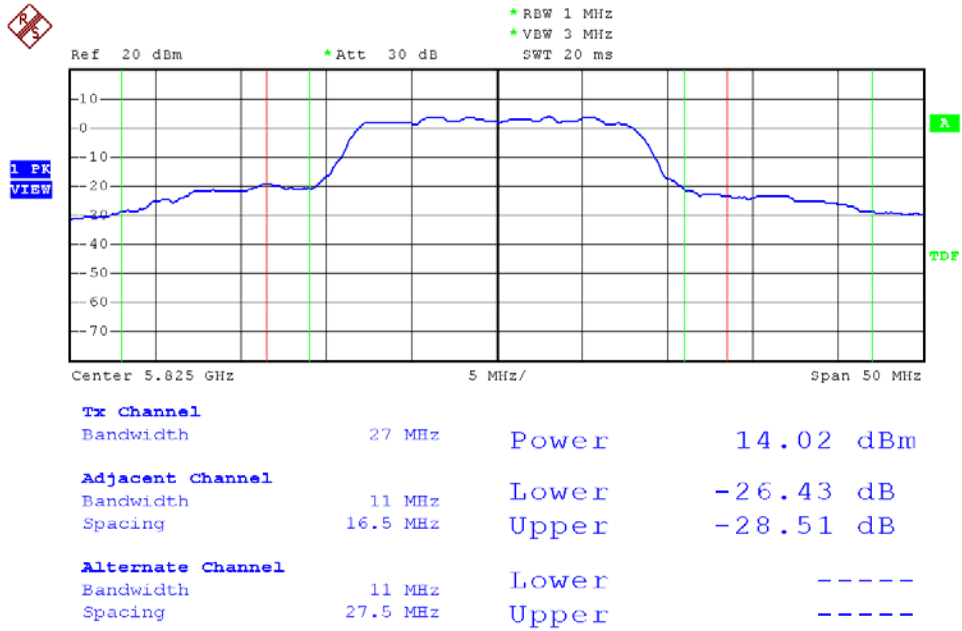


Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 157

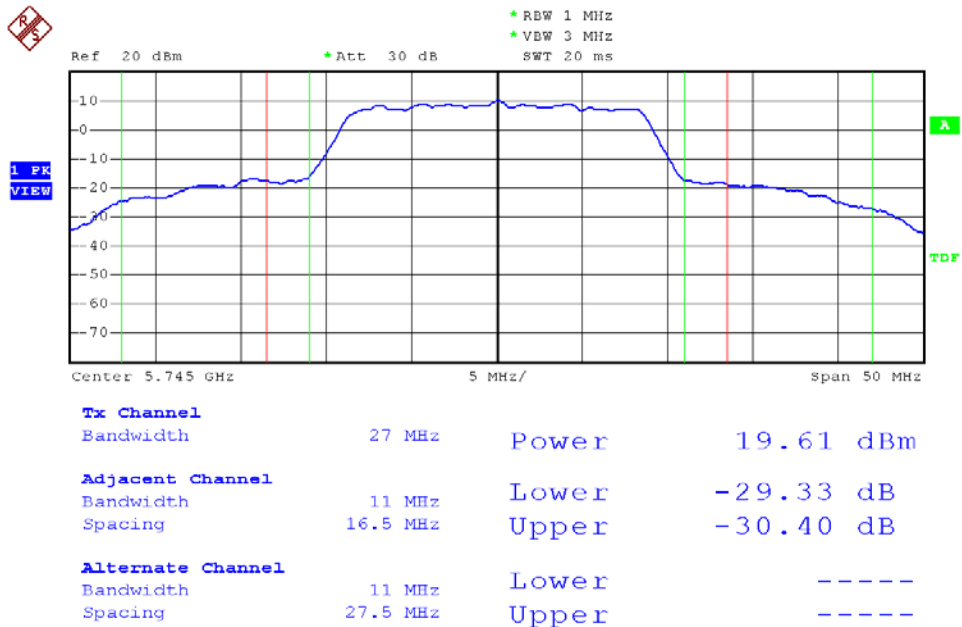




Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 165

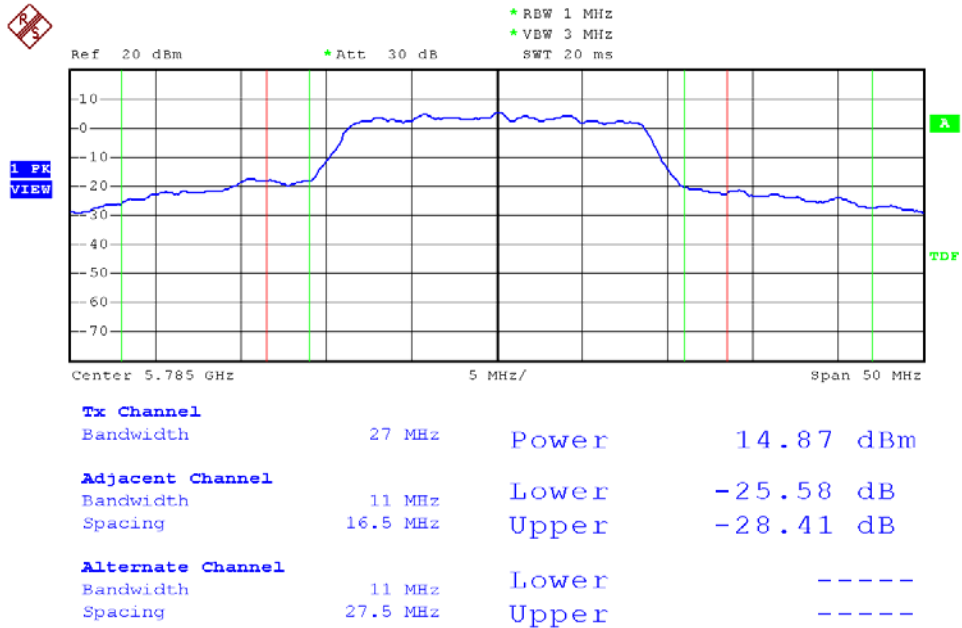


Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 149

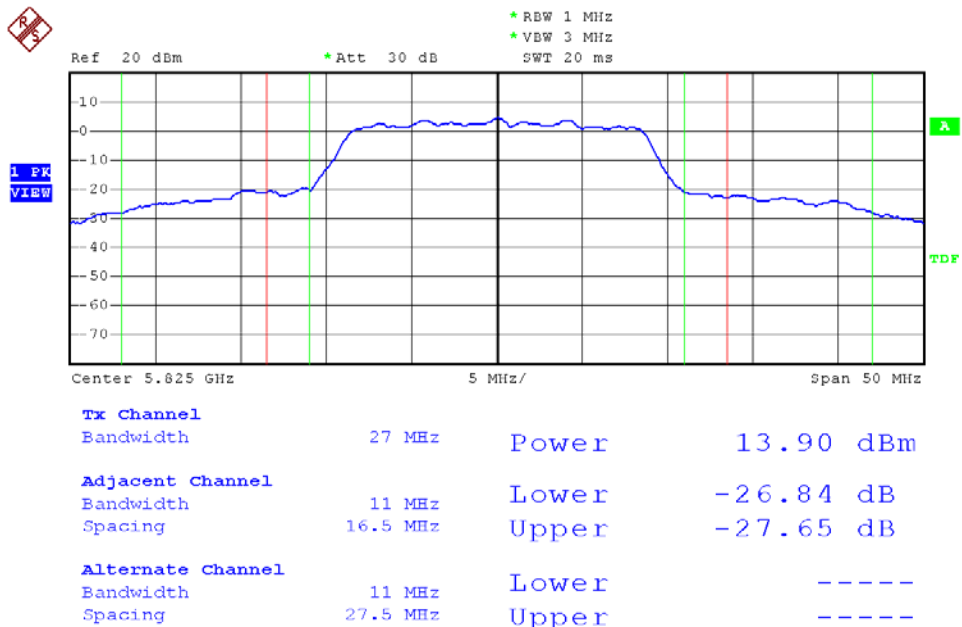




Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 157

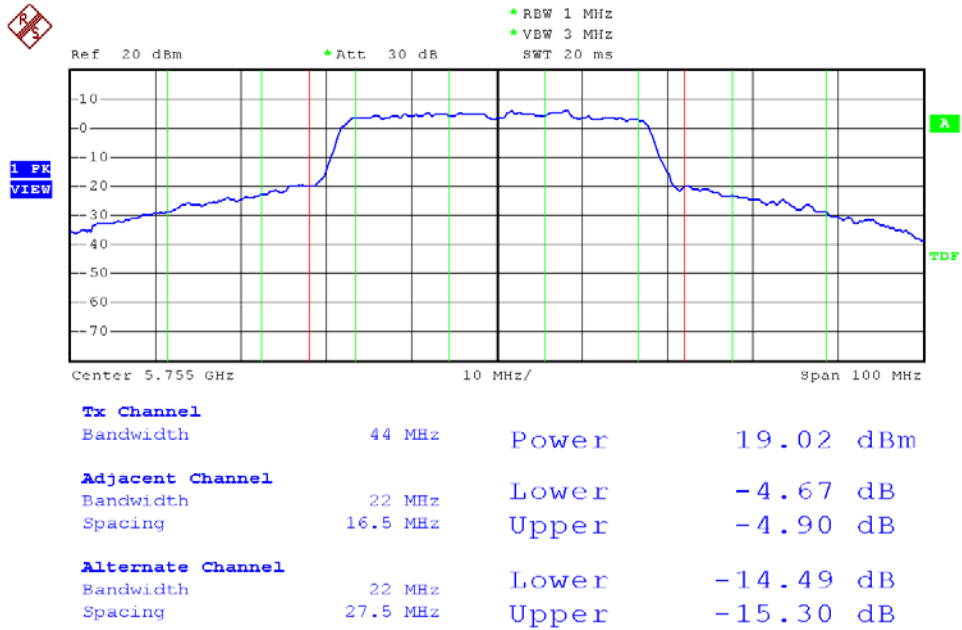


Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 165

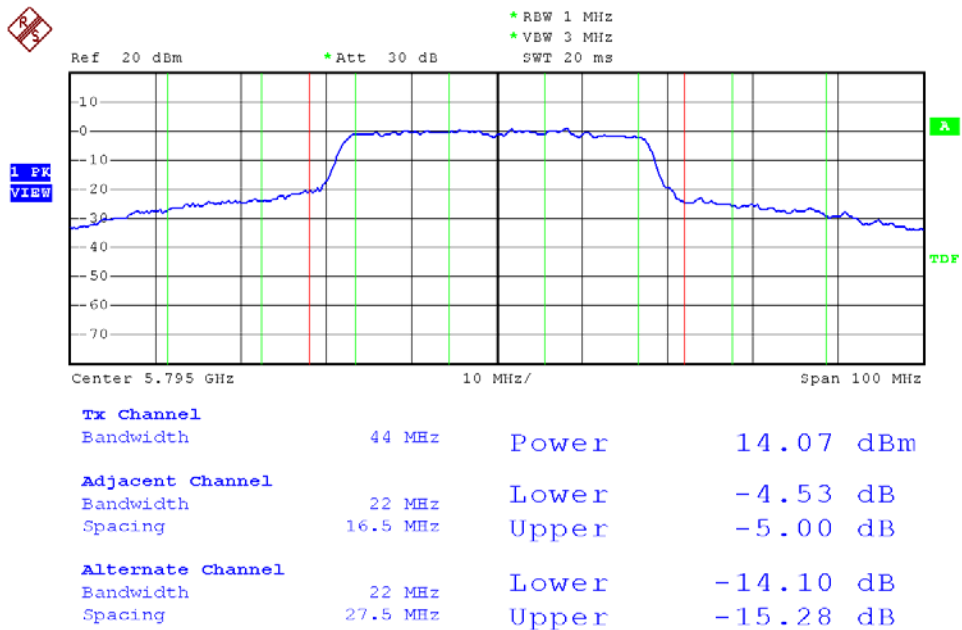




Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Peak Power Output Channel: 151

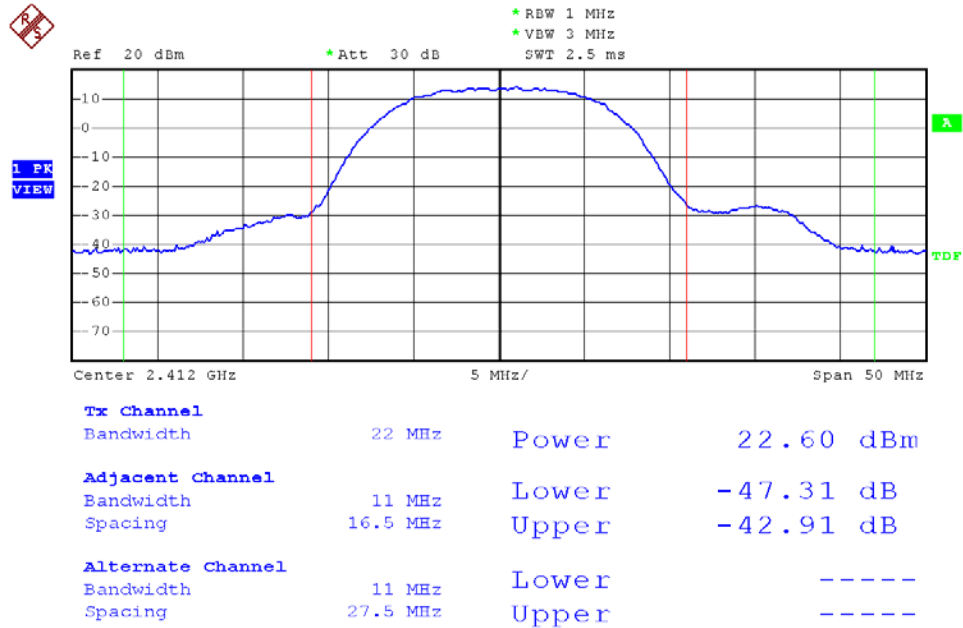


Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Peak Power Output Channel: 159

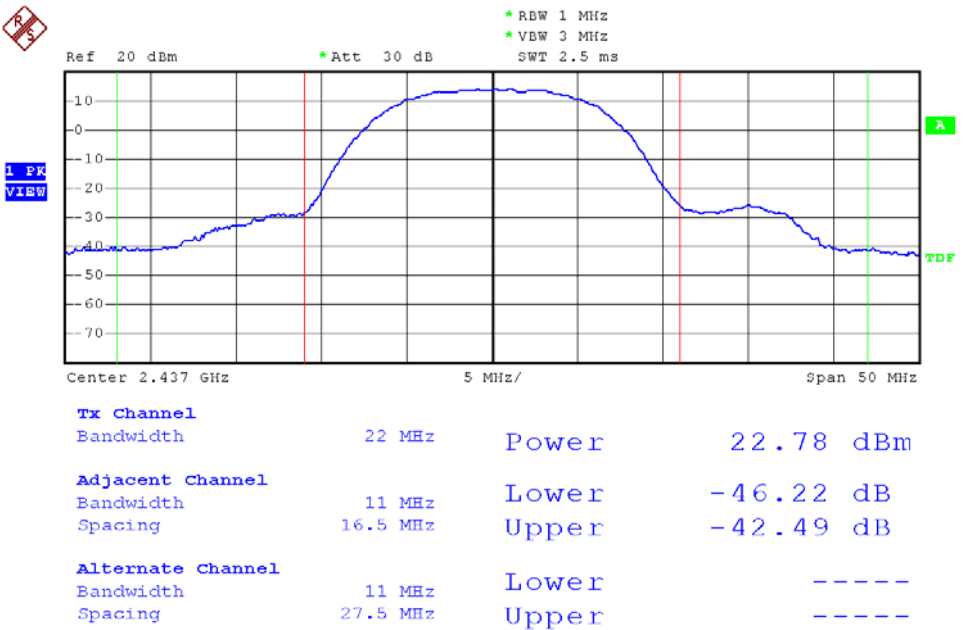




Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 01

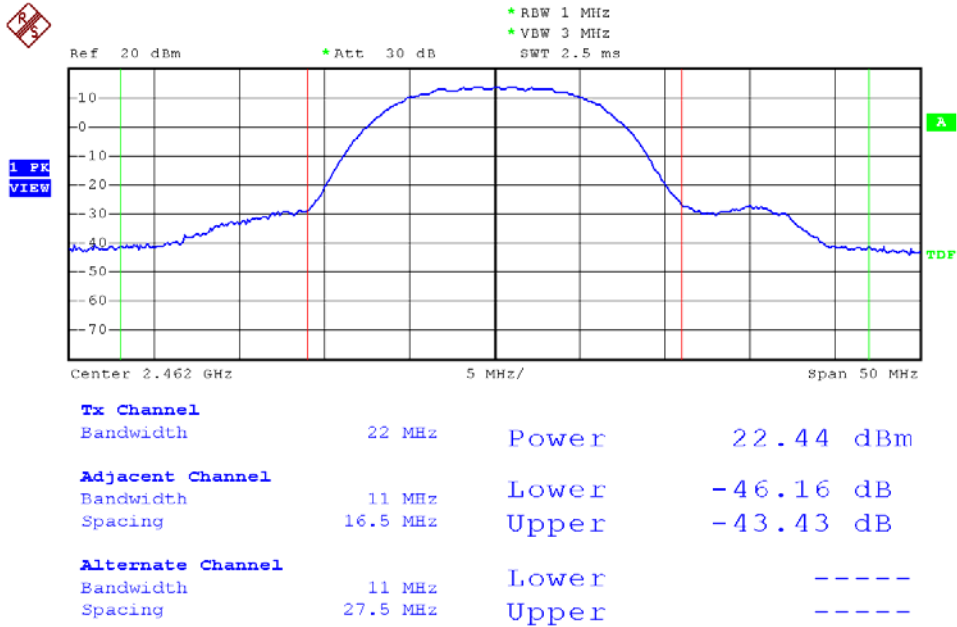


Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 06

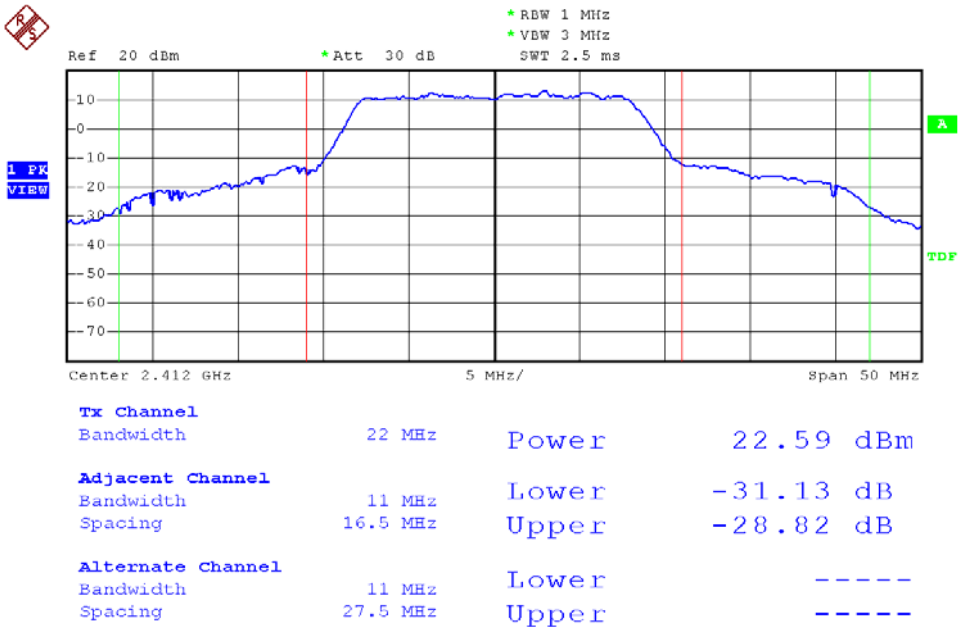




Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 11

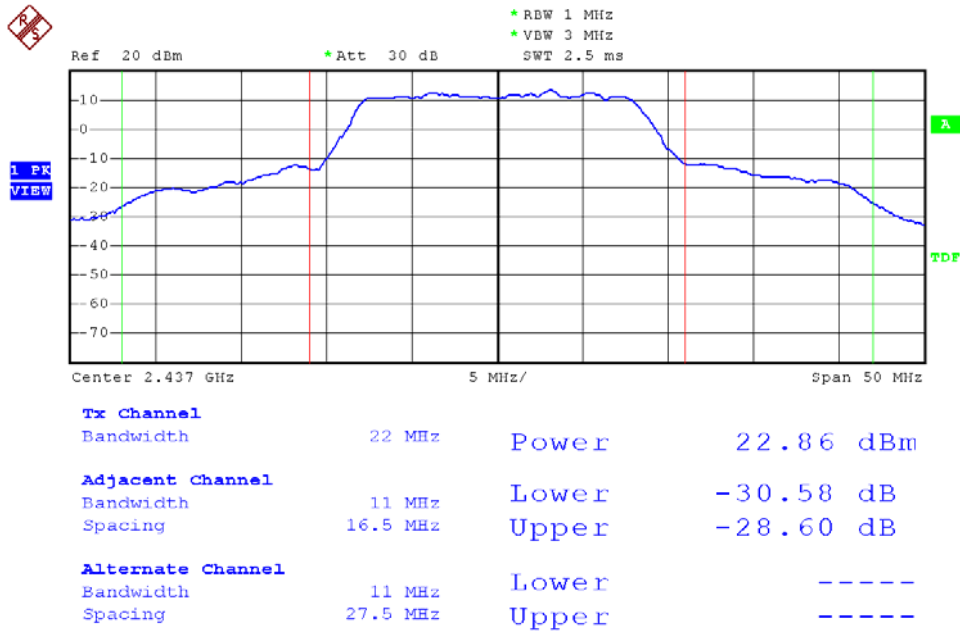


Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 01

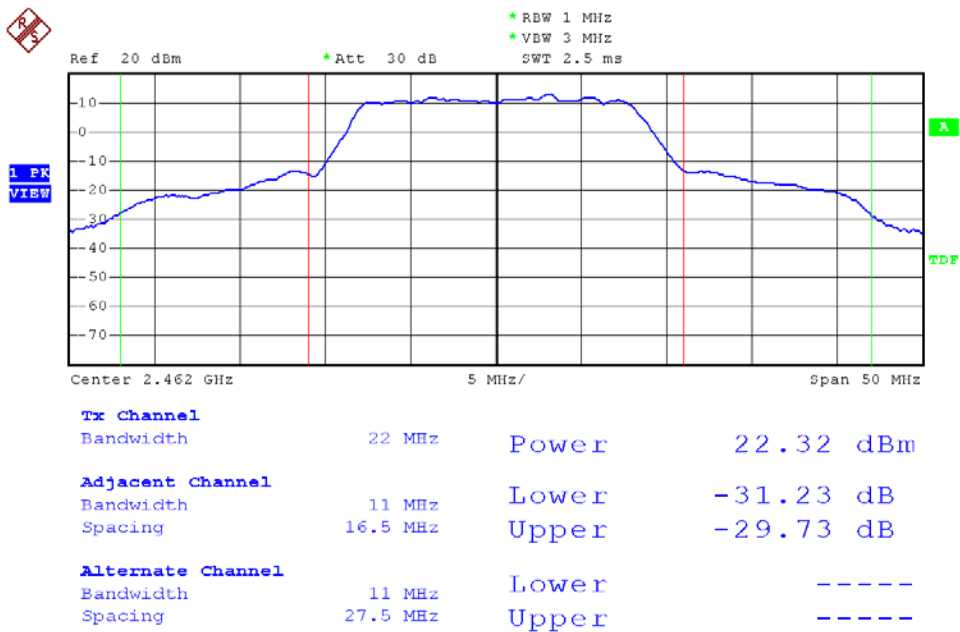




Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 06

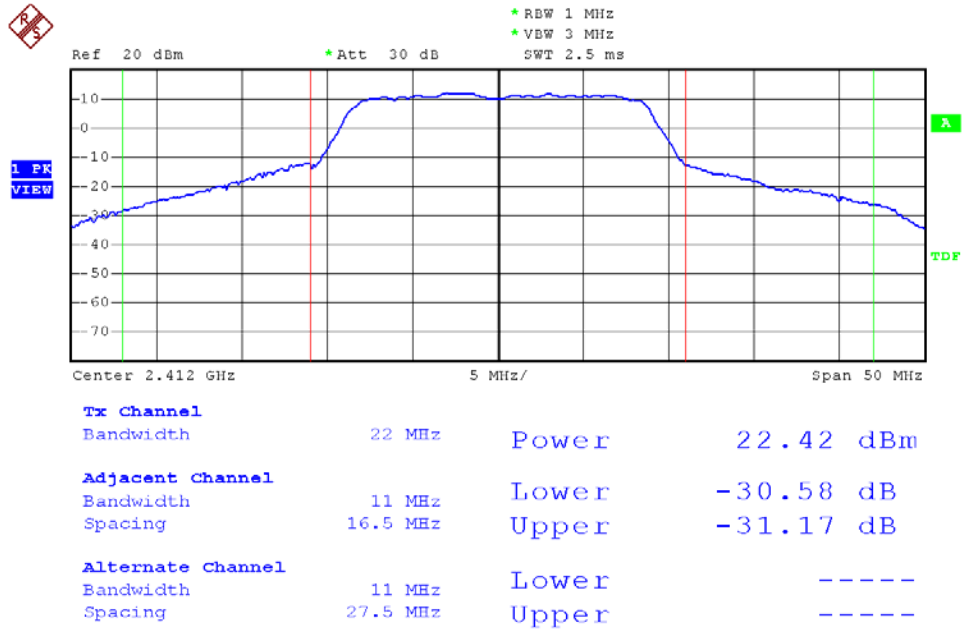


Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 11

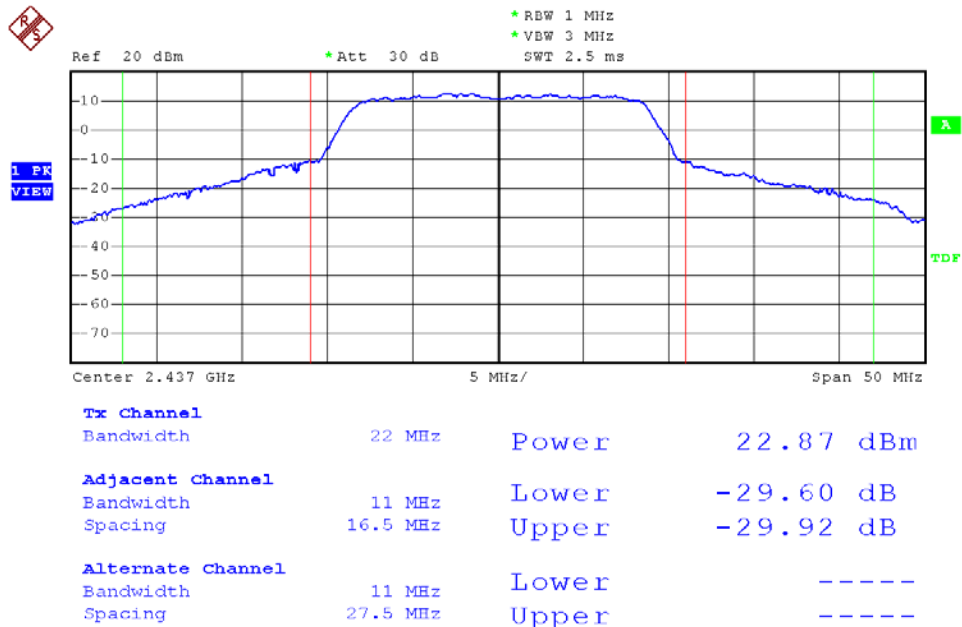




Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 01

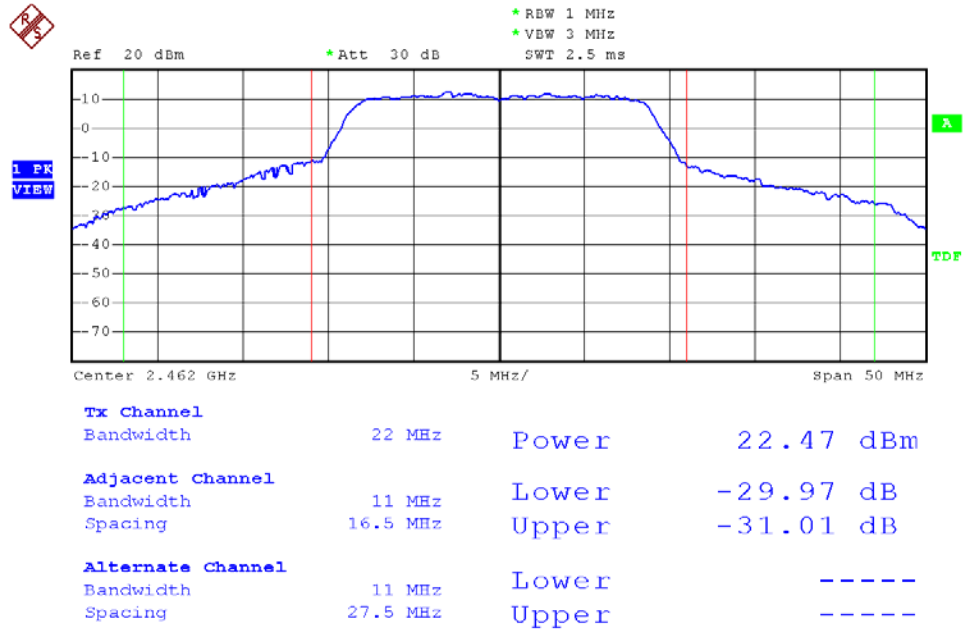


Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 06

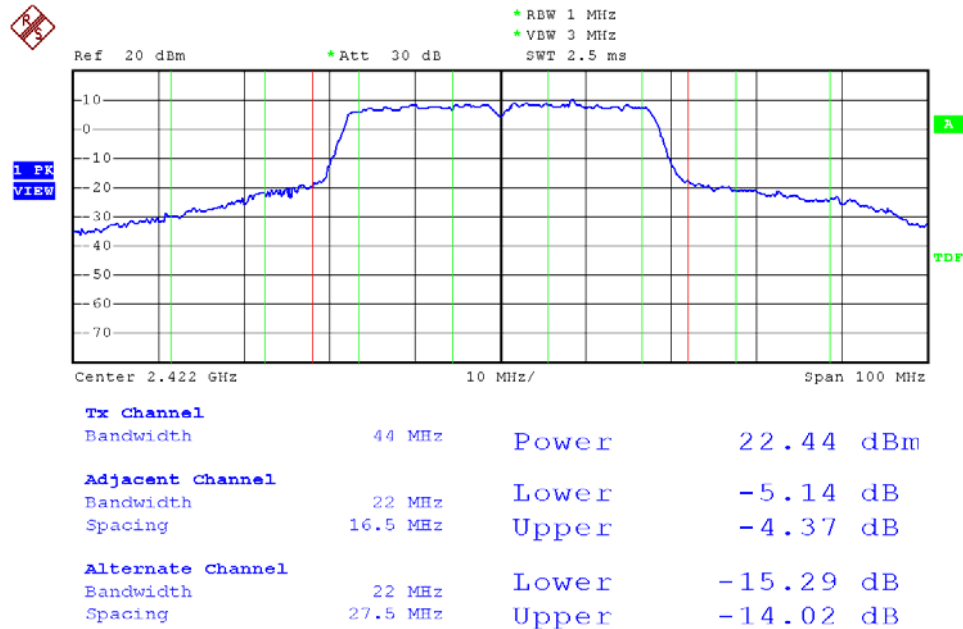




Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 11

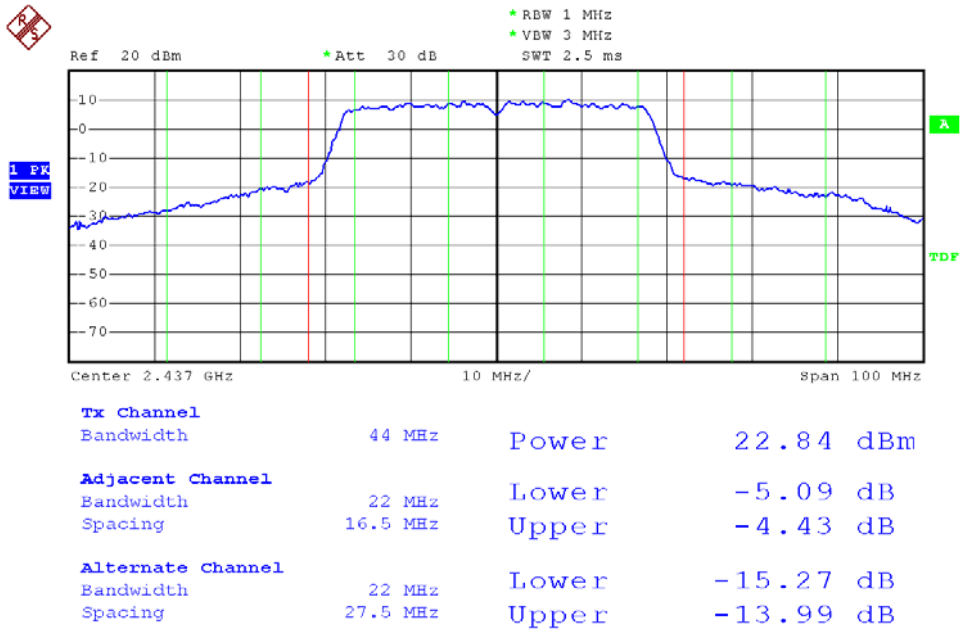


Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 03

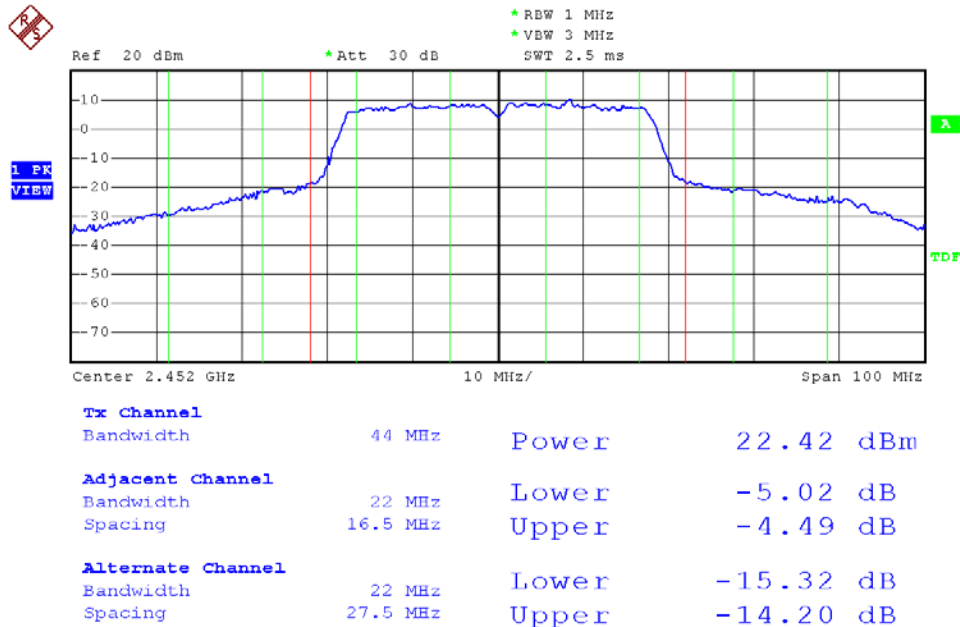




Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 06

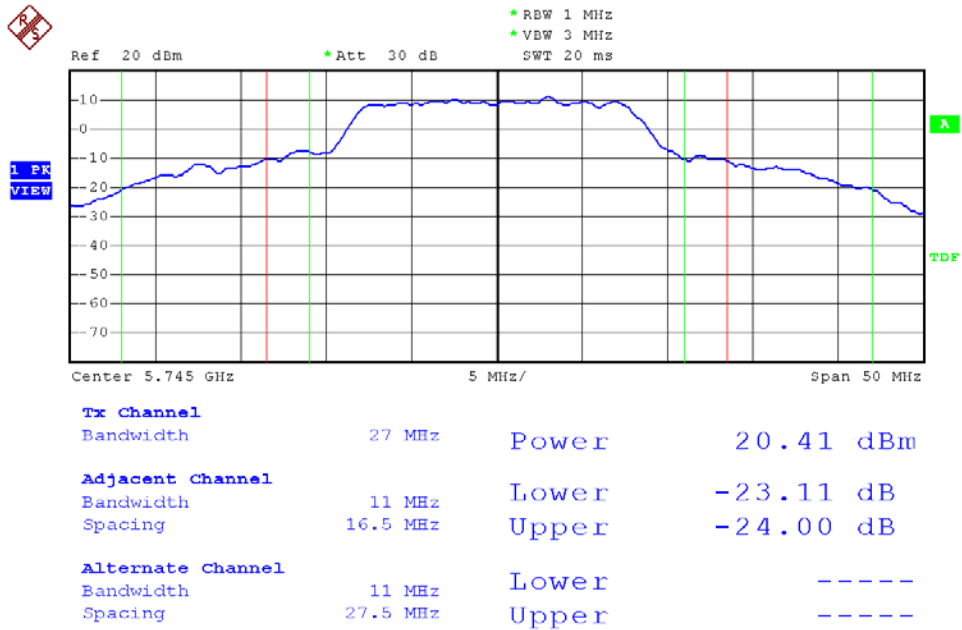


Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 09

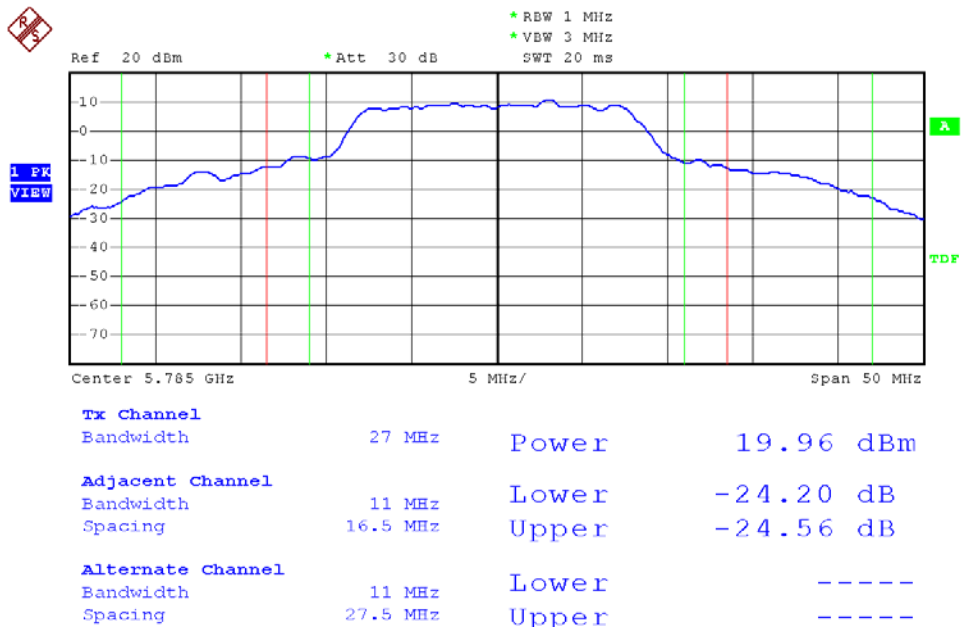




Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 149

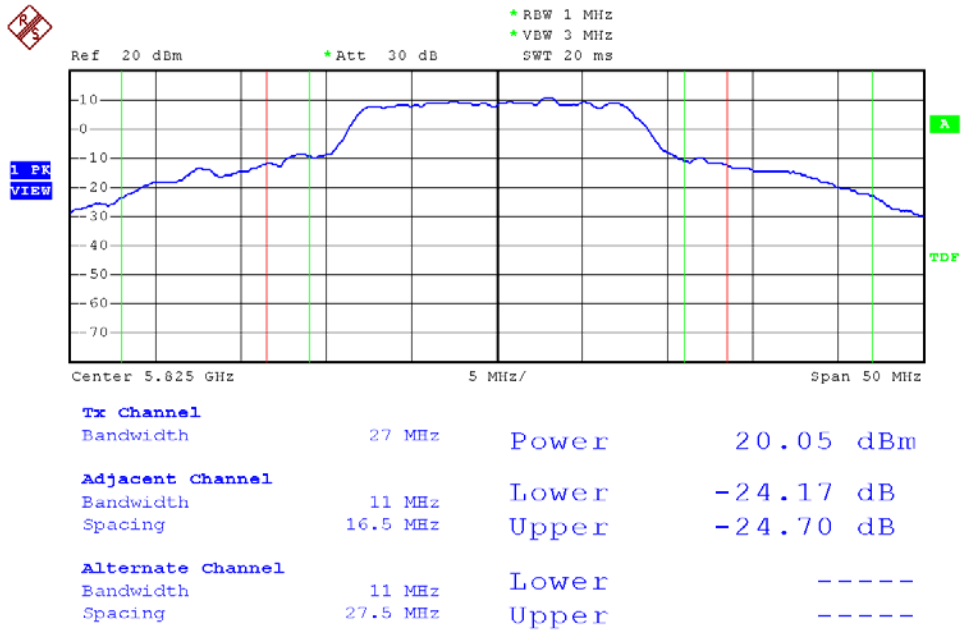


Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 157

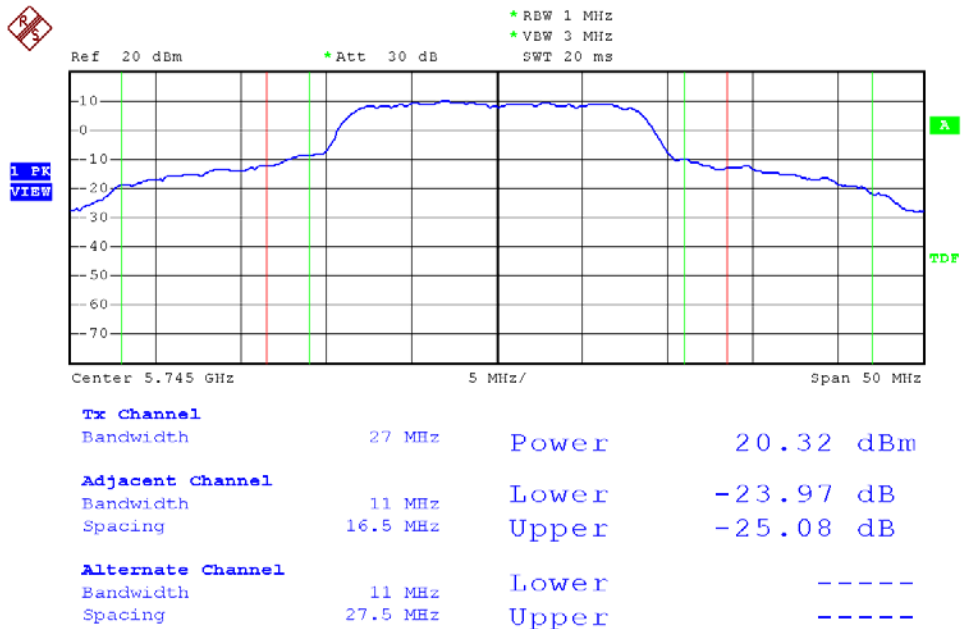




Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 165

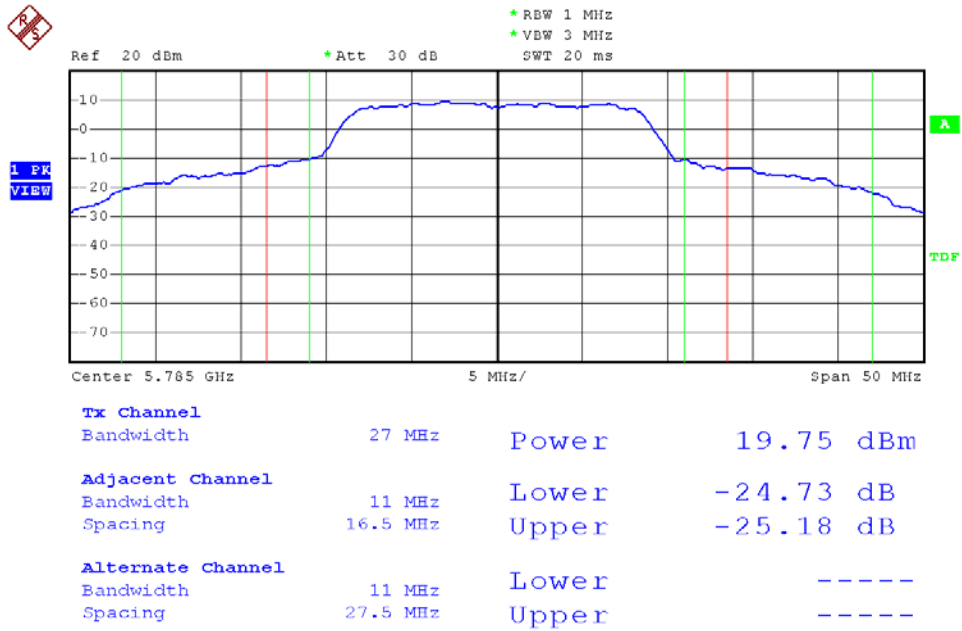


Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Peak Power Output Channel: 149

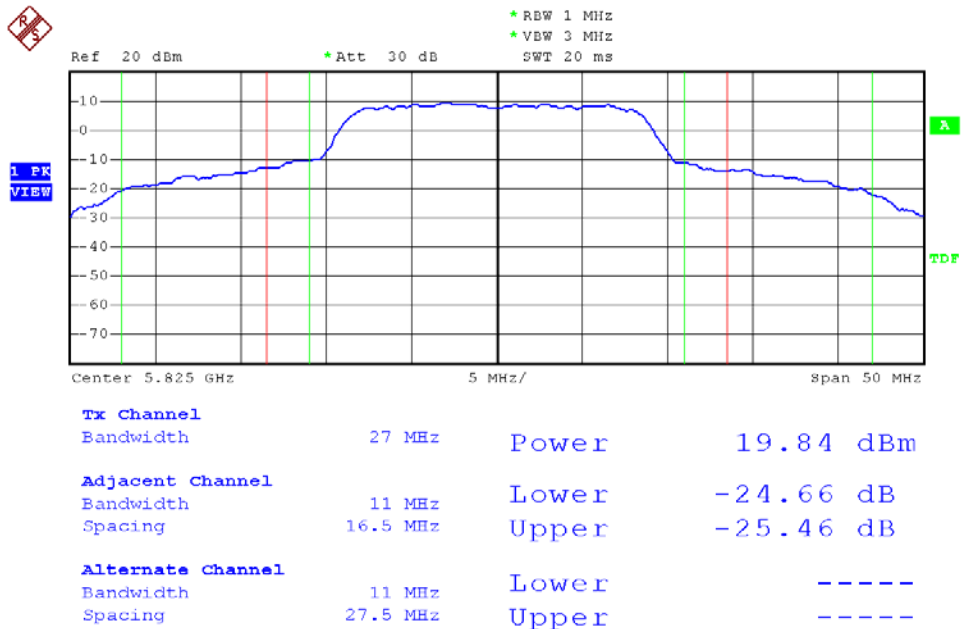




Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Peak Power Output Channel: 157

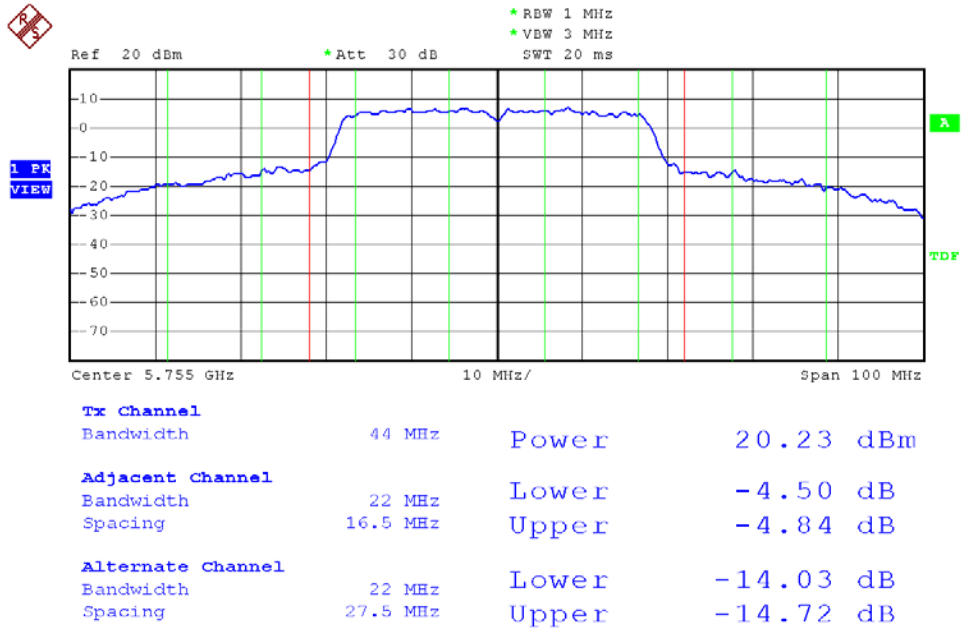


Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Peak Power Output Channel: 165

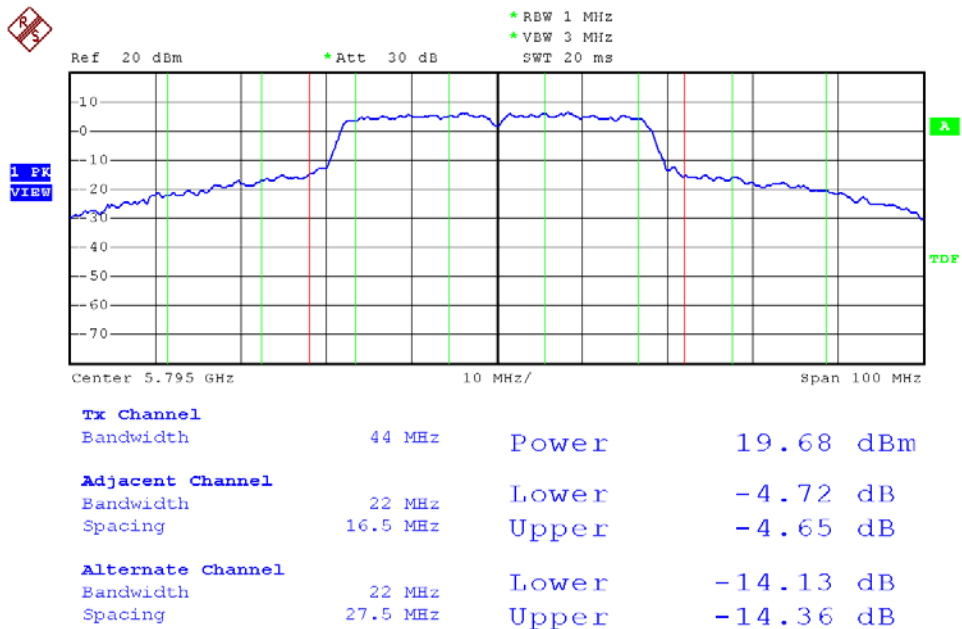




Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Peak Power Output Channel: 151

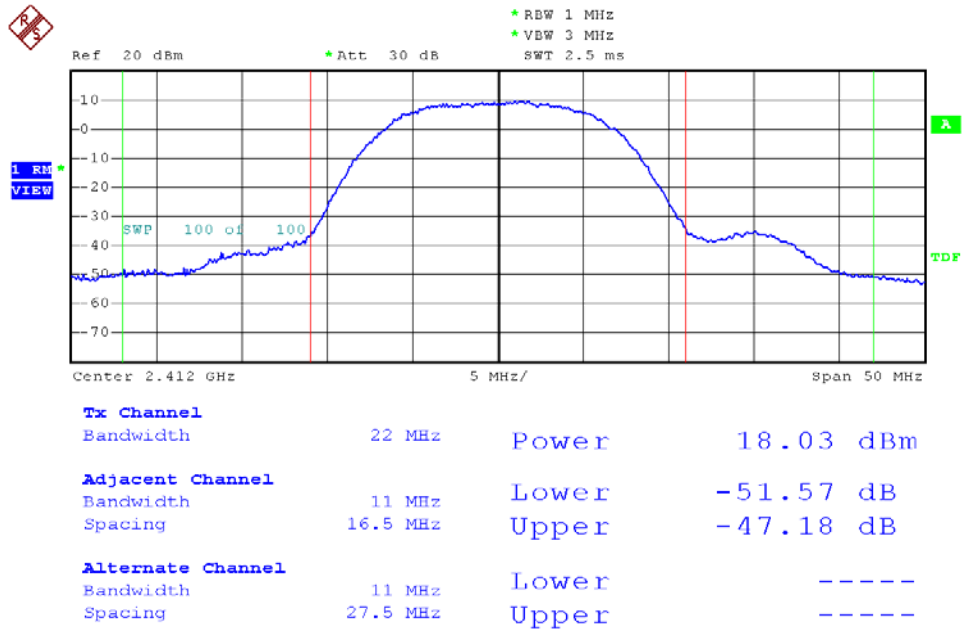


Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Peak Power Output Channel: 159

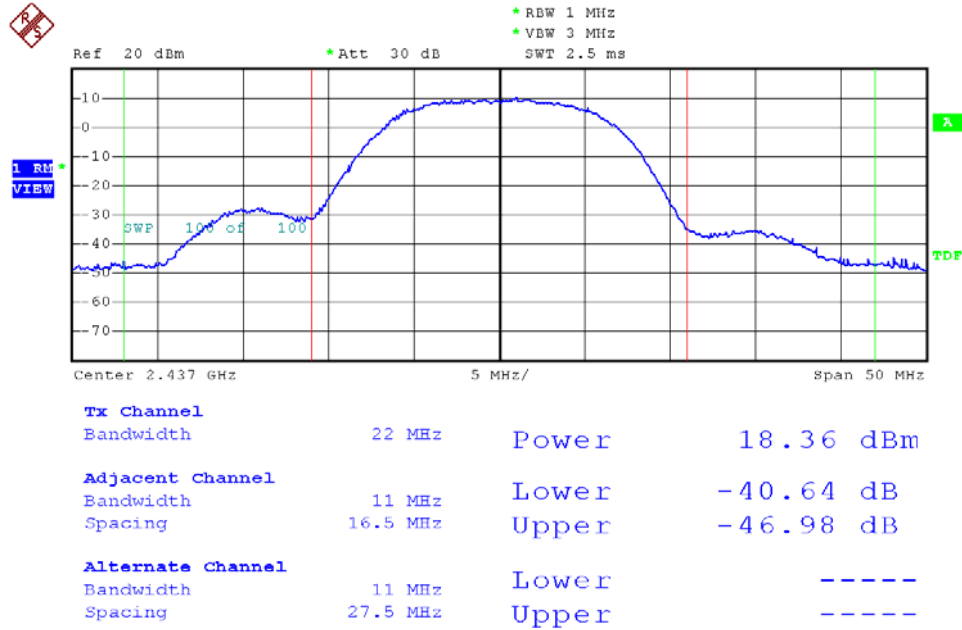




Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 01

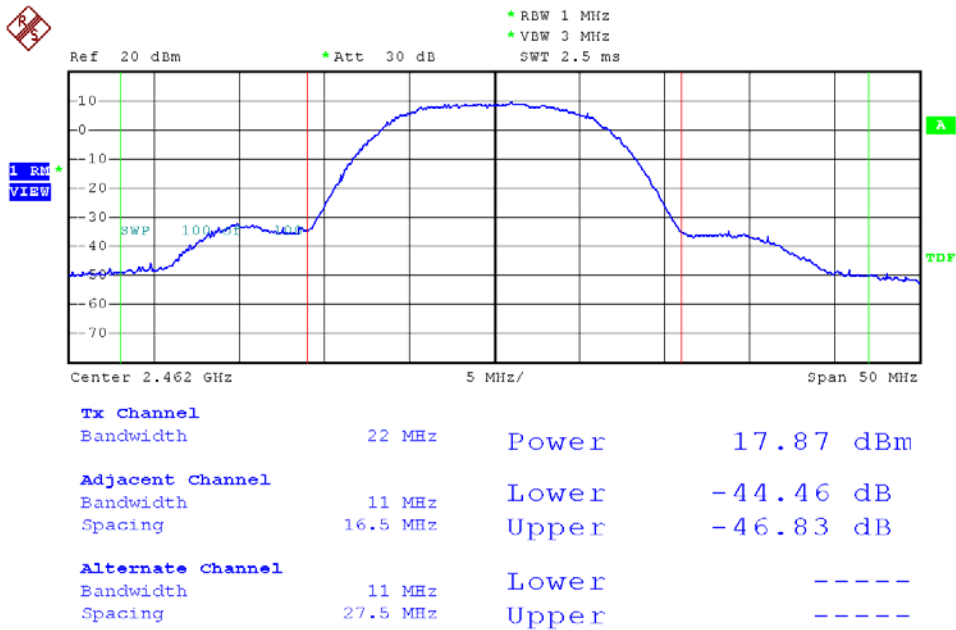


Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 06

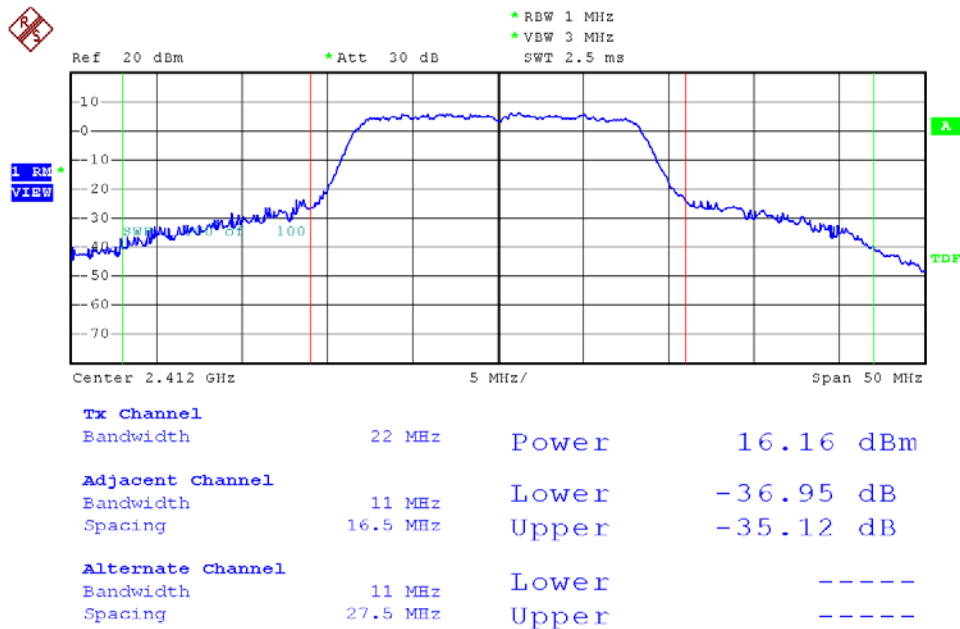




Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 11

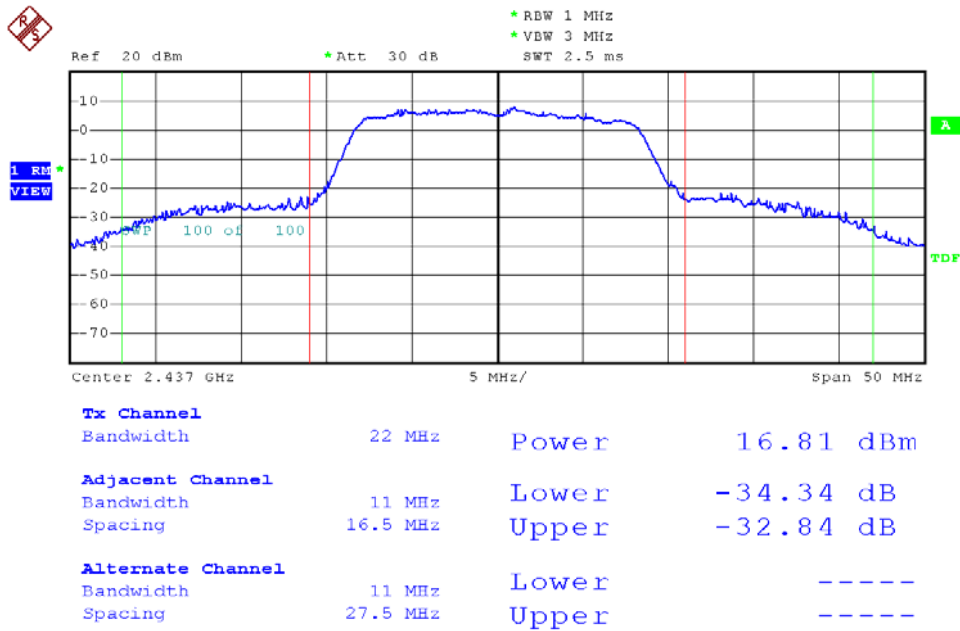


Modulation Standard: 802.11g (54Mbps), ANT R, Average Power Output Channel: 01

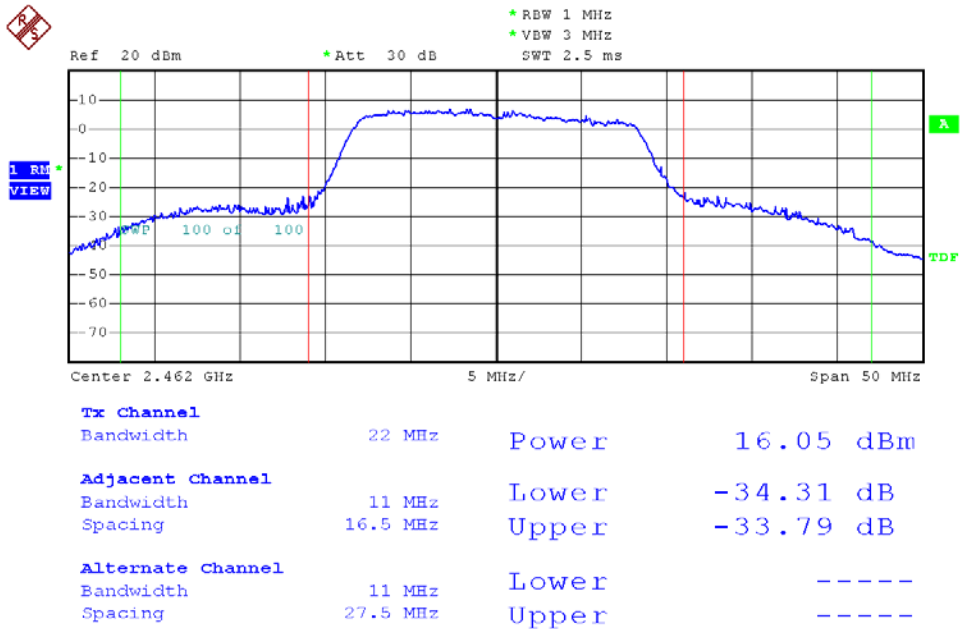




Modulation Standard: 802.11g (54Mbps), ANT R, Average Power Output Channel: 06

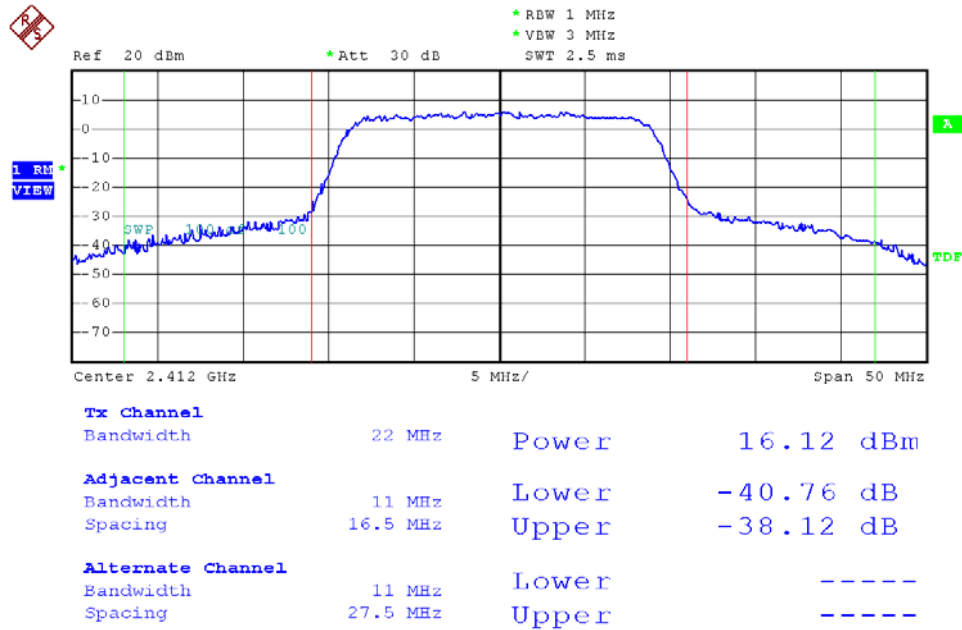


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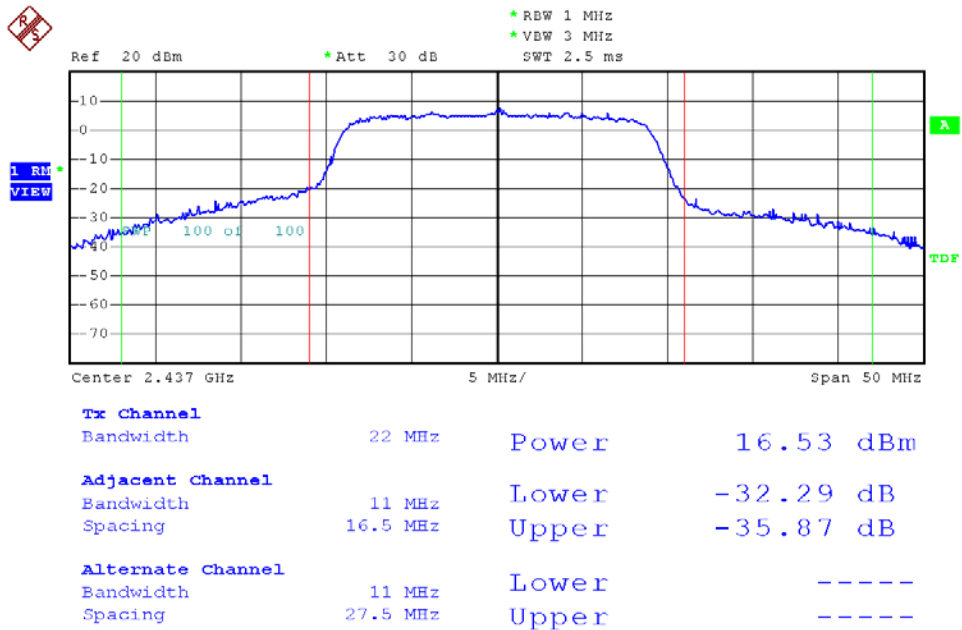




Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Average Power Output Channel: 01

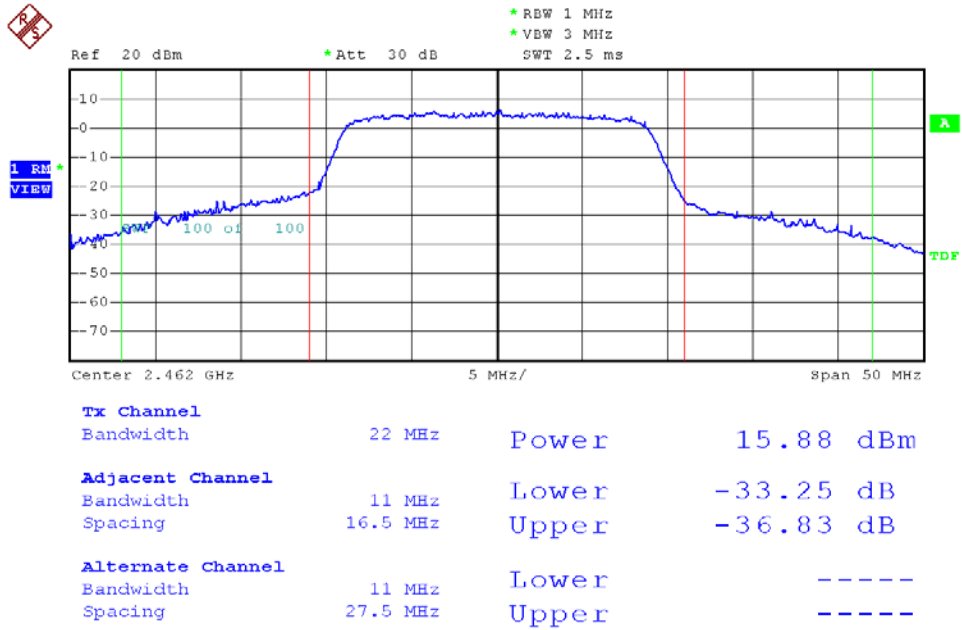


Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Average Power Output Channel: 06

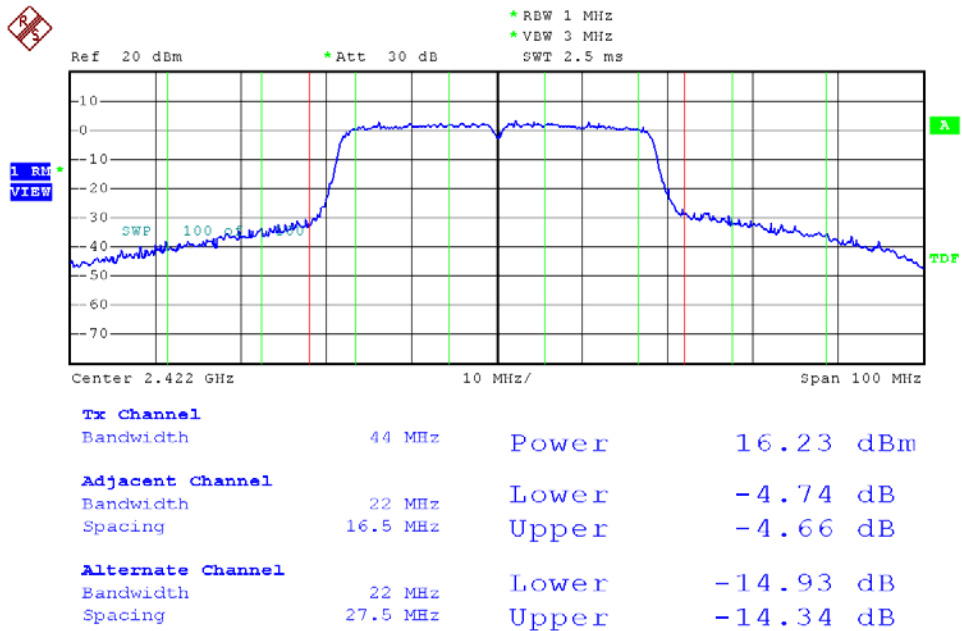




Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Average Power Output Channel: 11

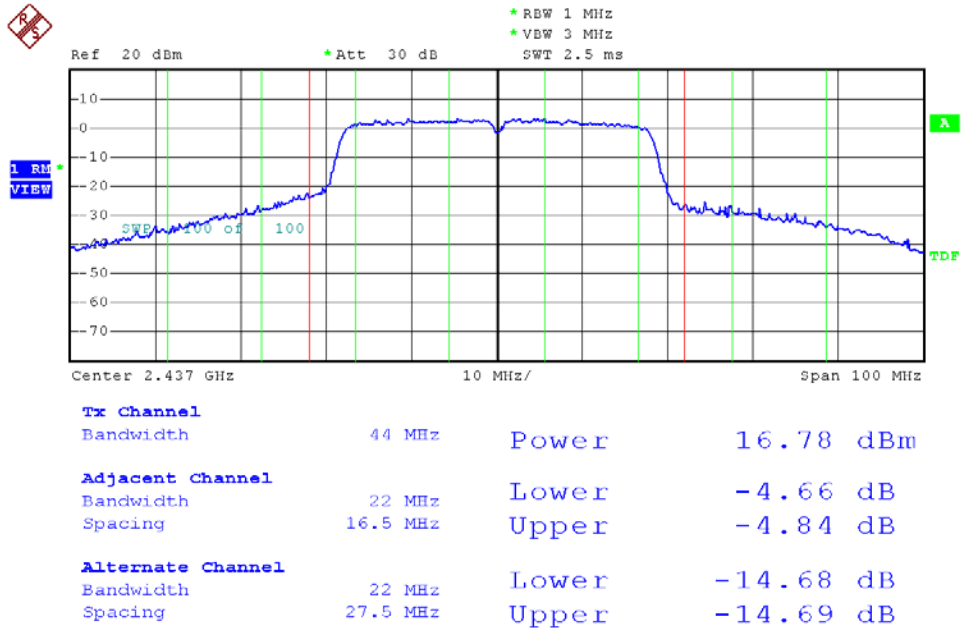


Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 03

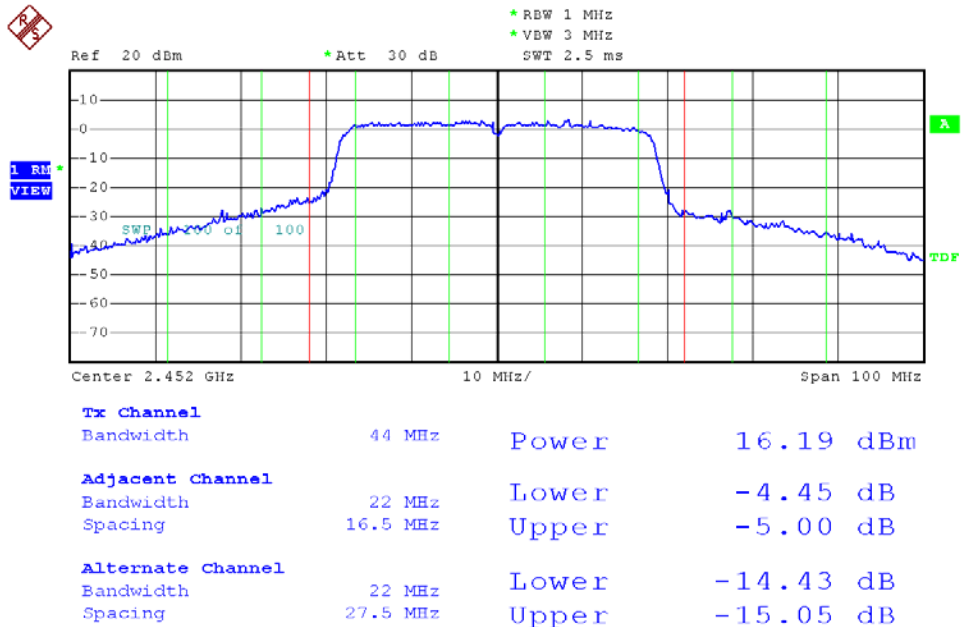




Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 06

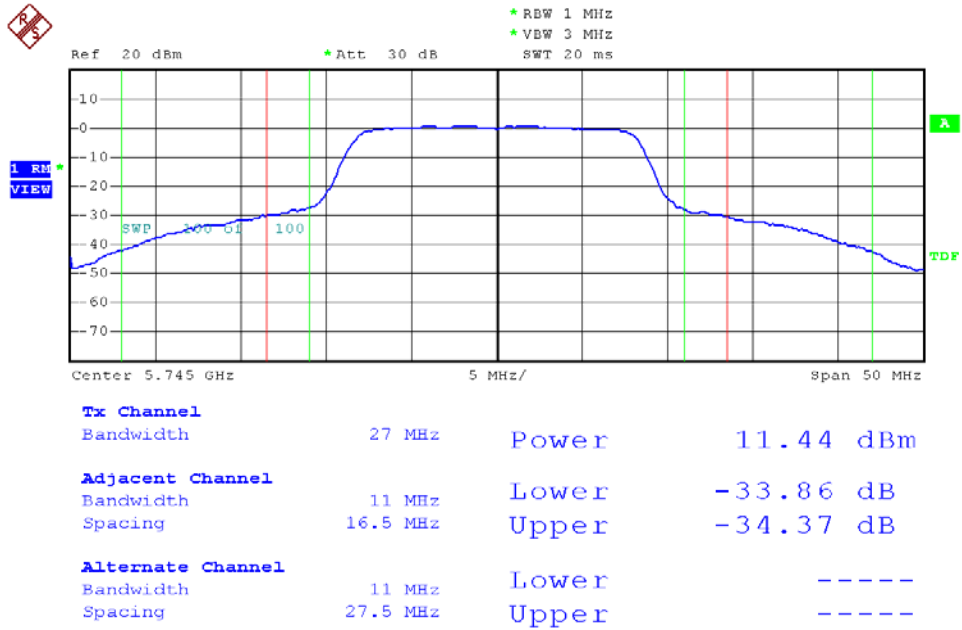


Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 09

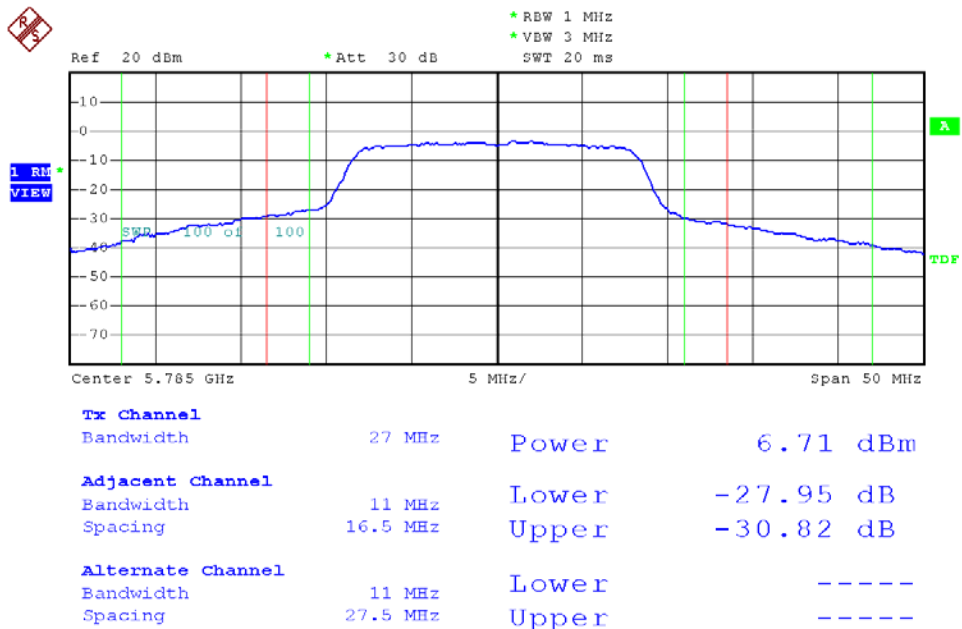




Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 149

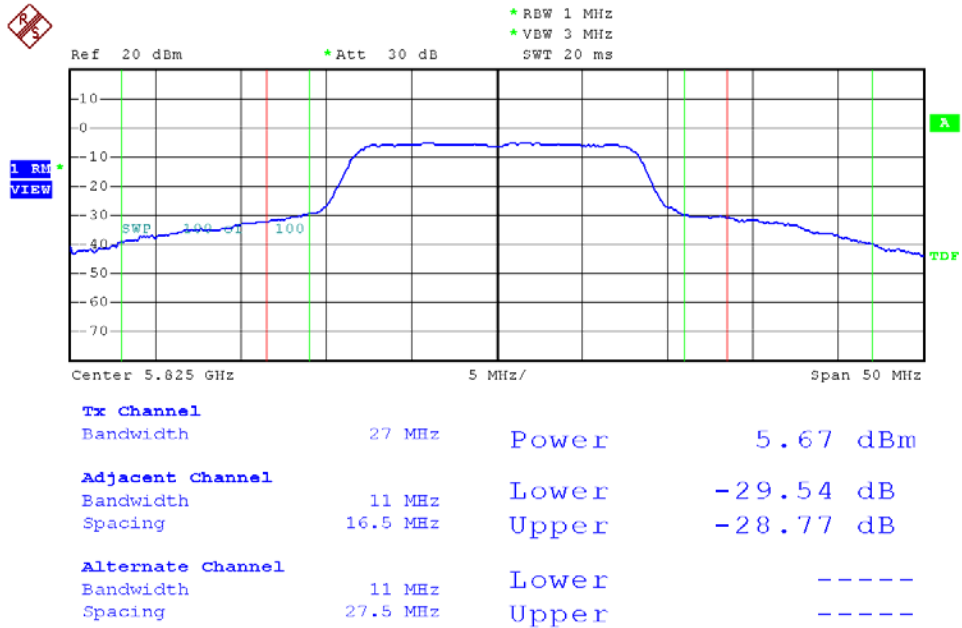


Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 157

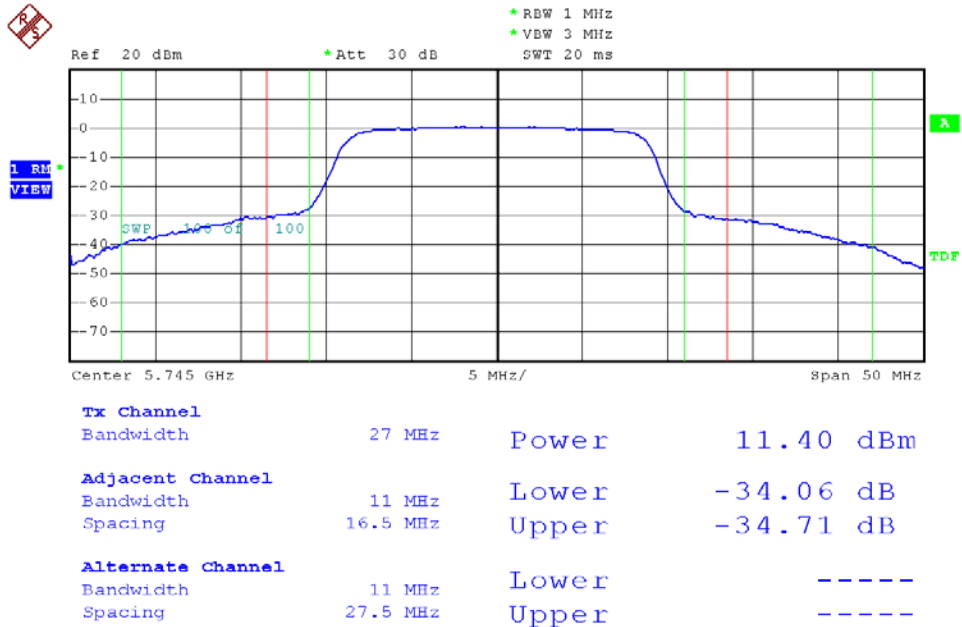




Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 165

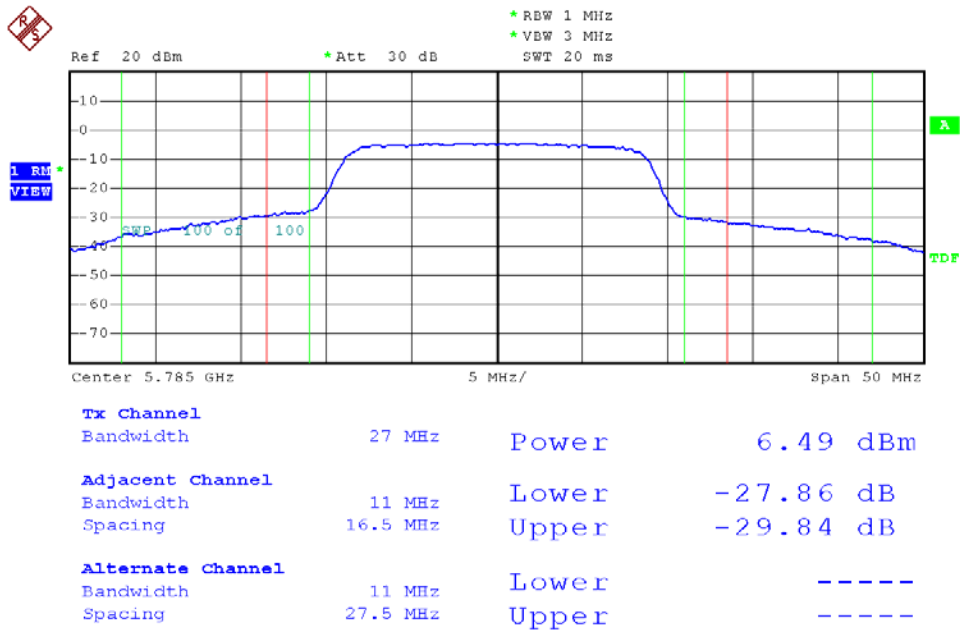


Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Average Power Output Channel: 149

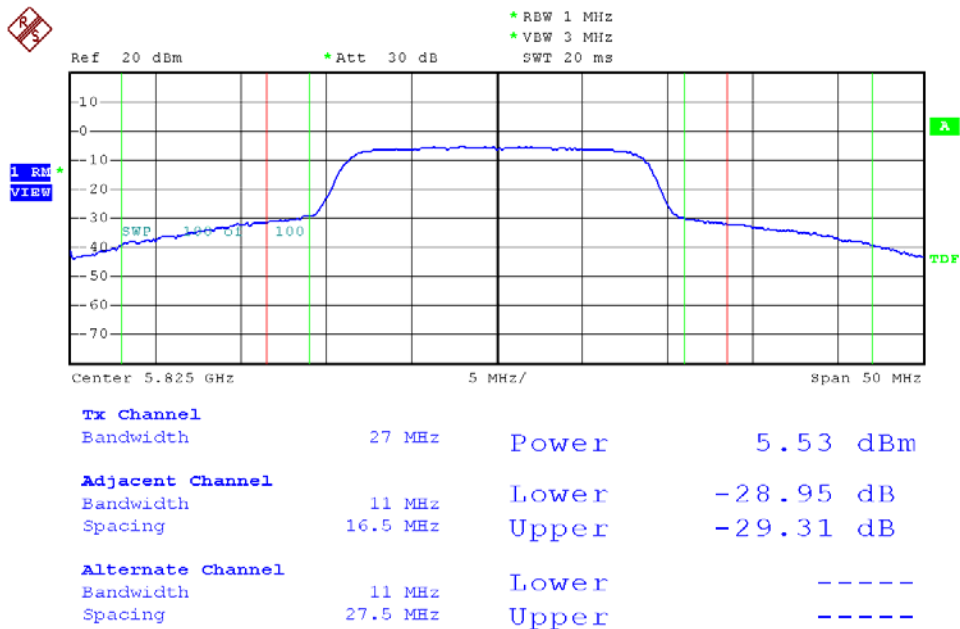




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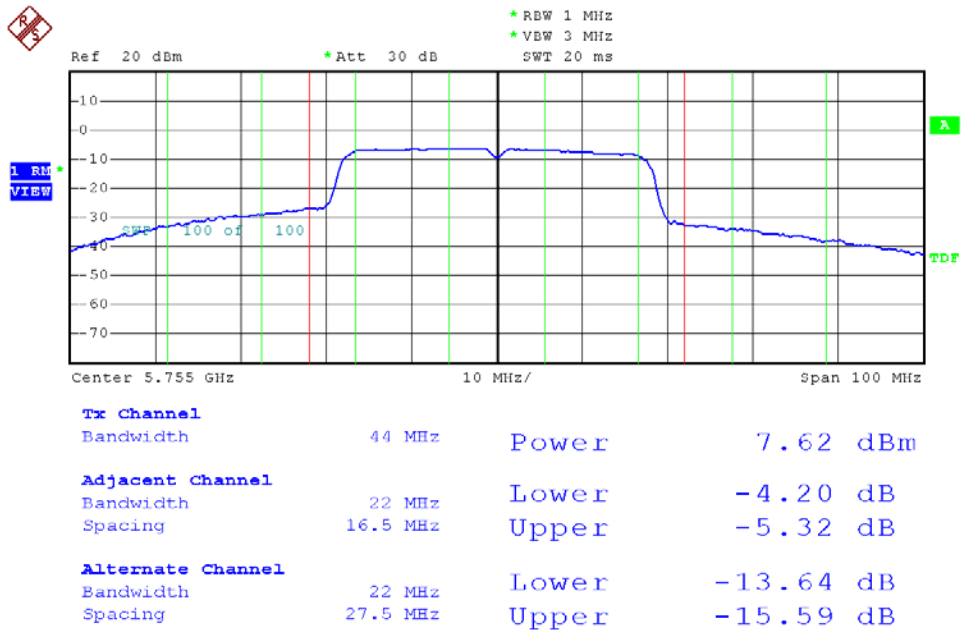


Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Average Power Output Channel: 165

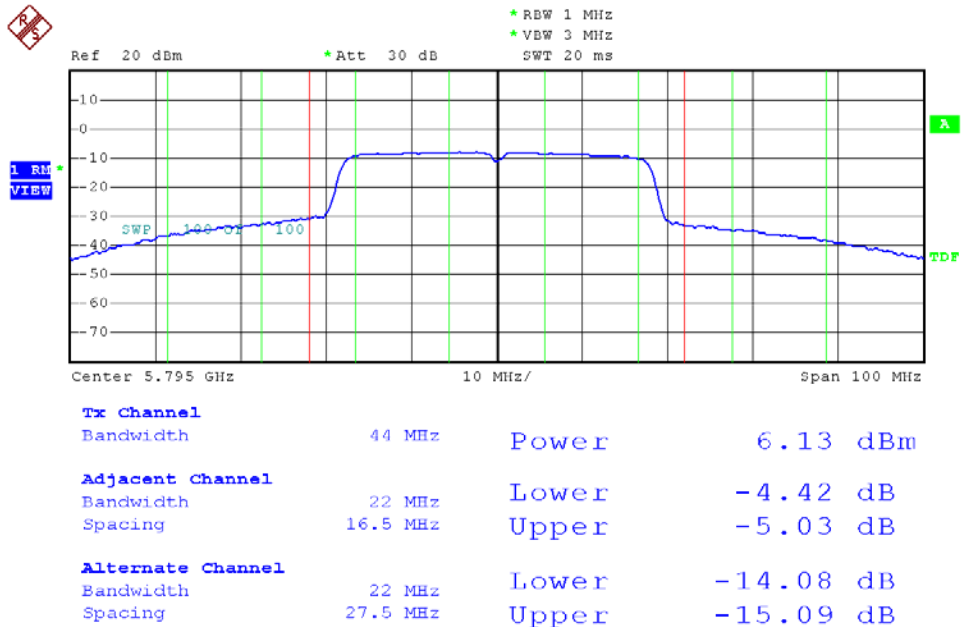




Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Average Power Output Channel: 151

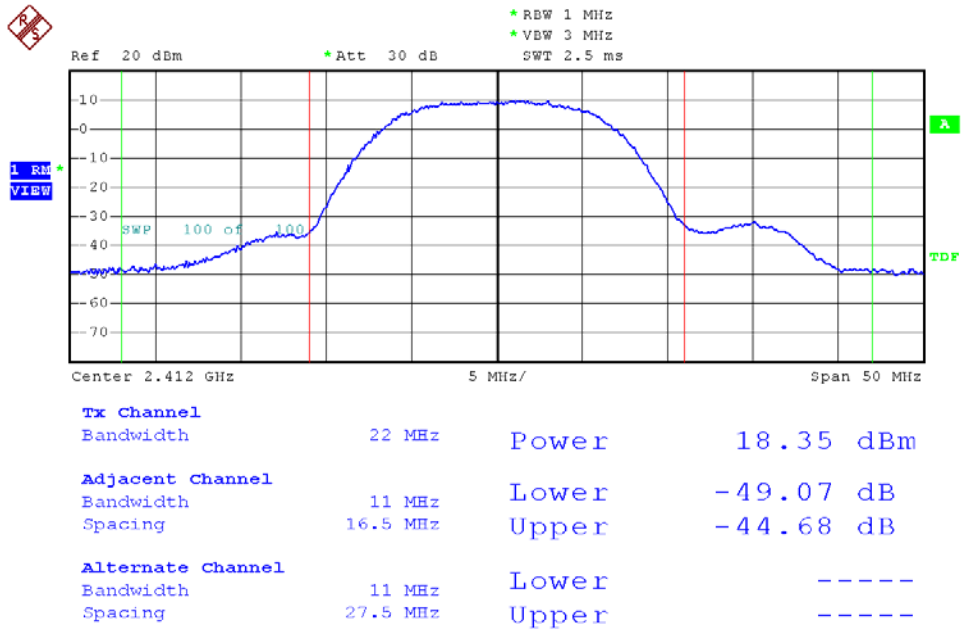


Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Average Power Output Channel: 159

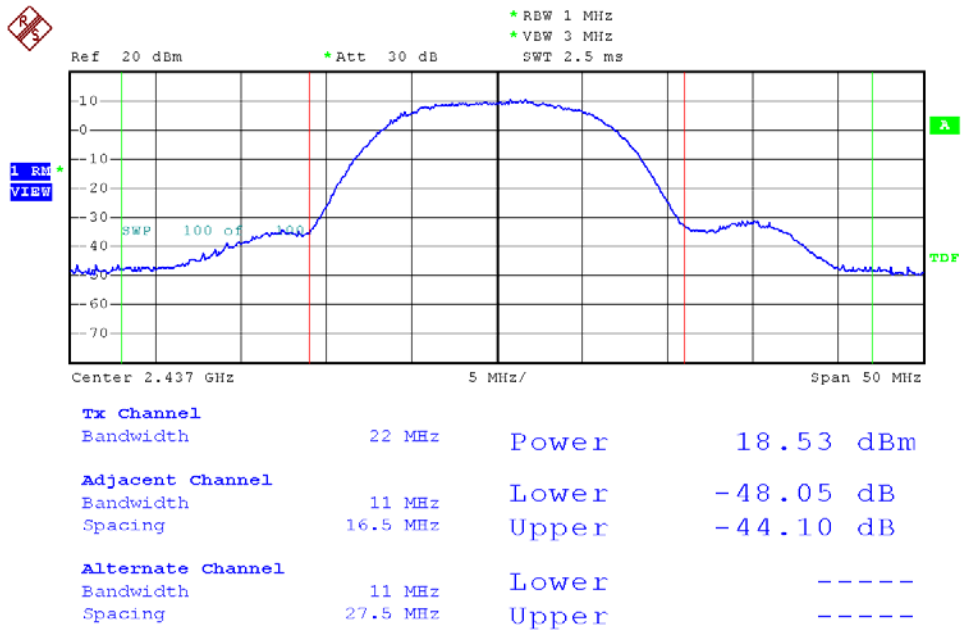




Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 01

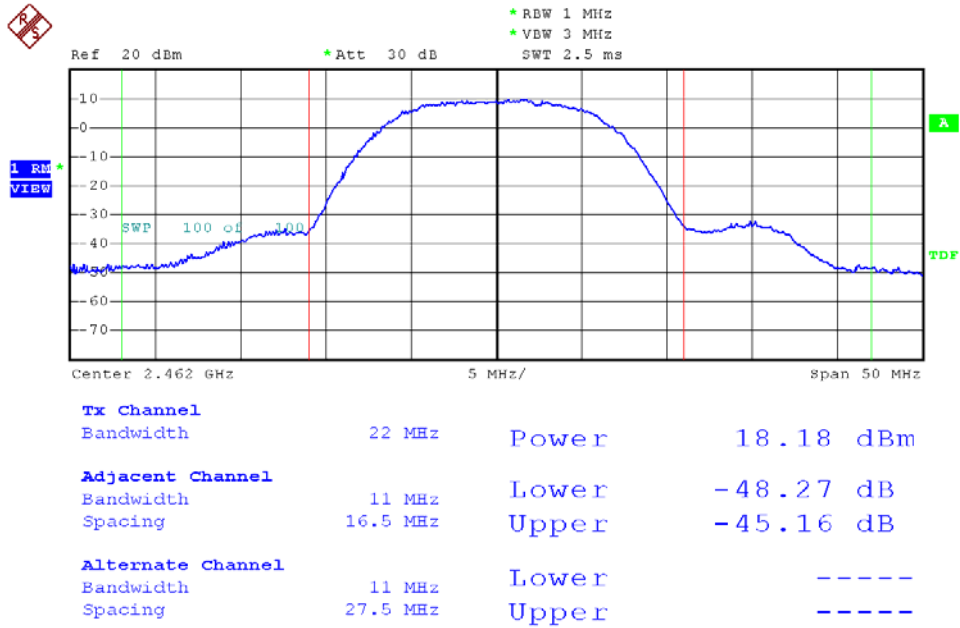


Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 06

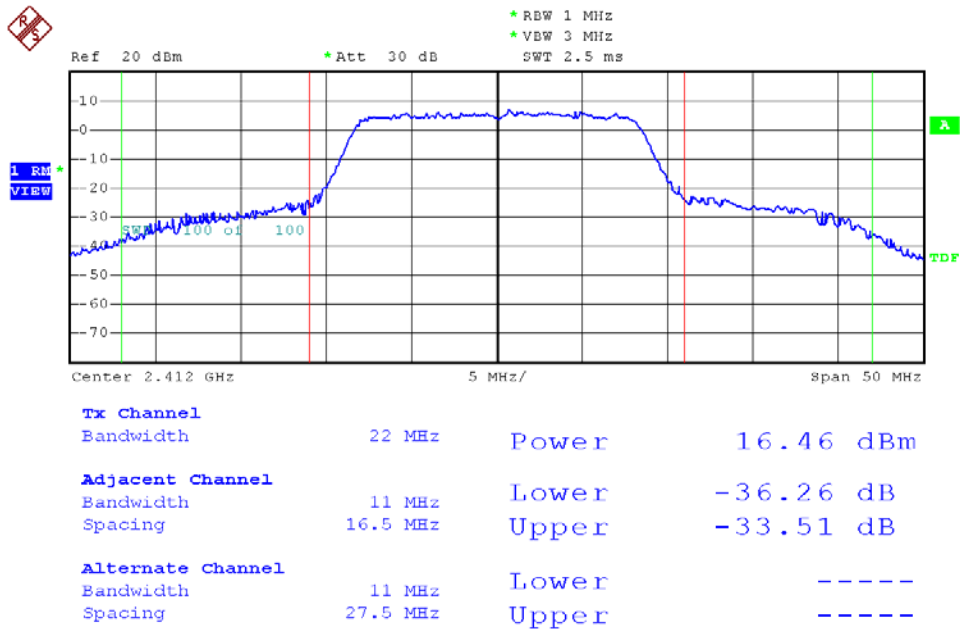




Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 11

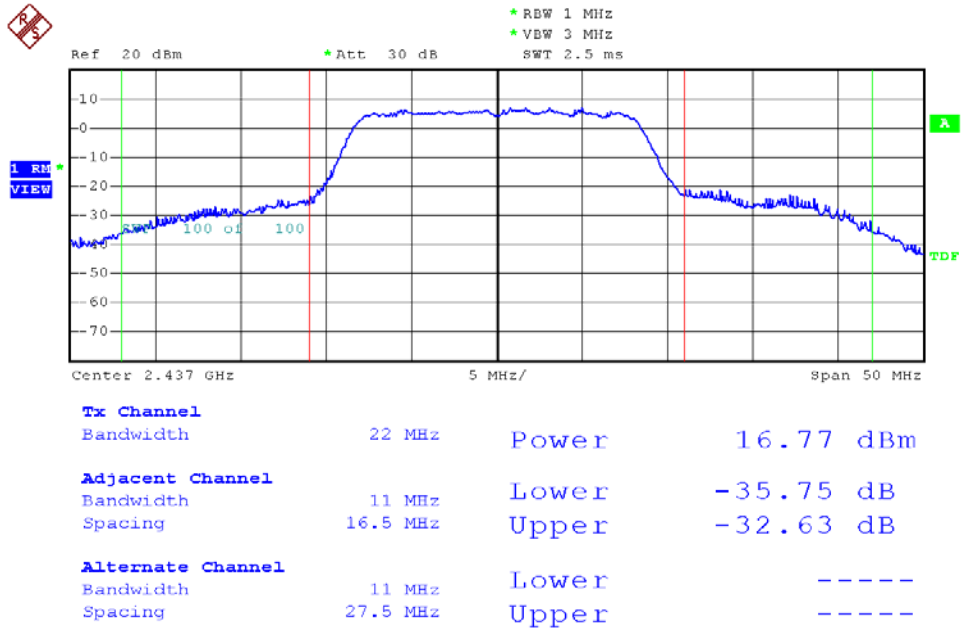


Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 01

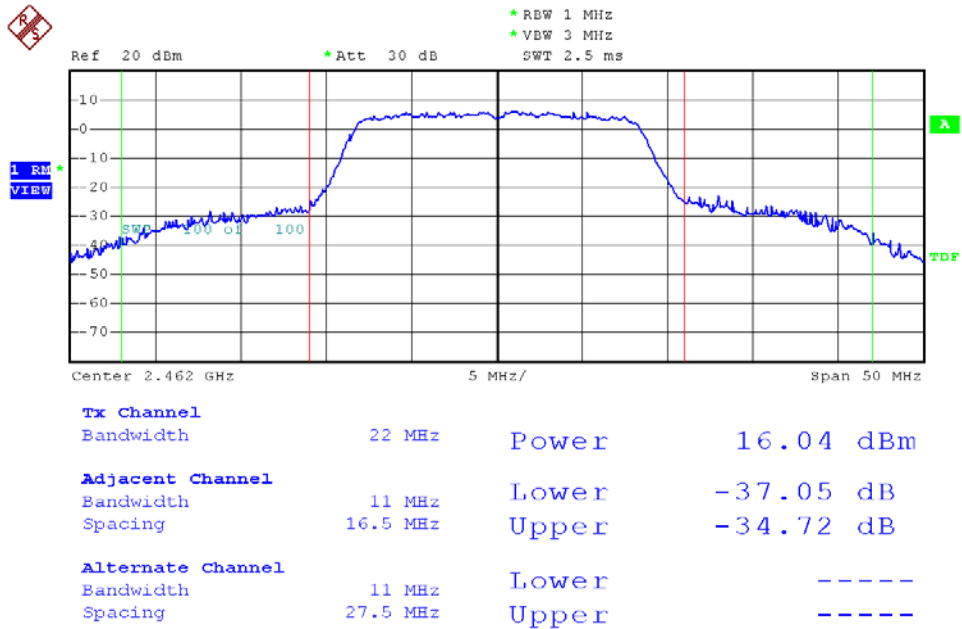




Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 06

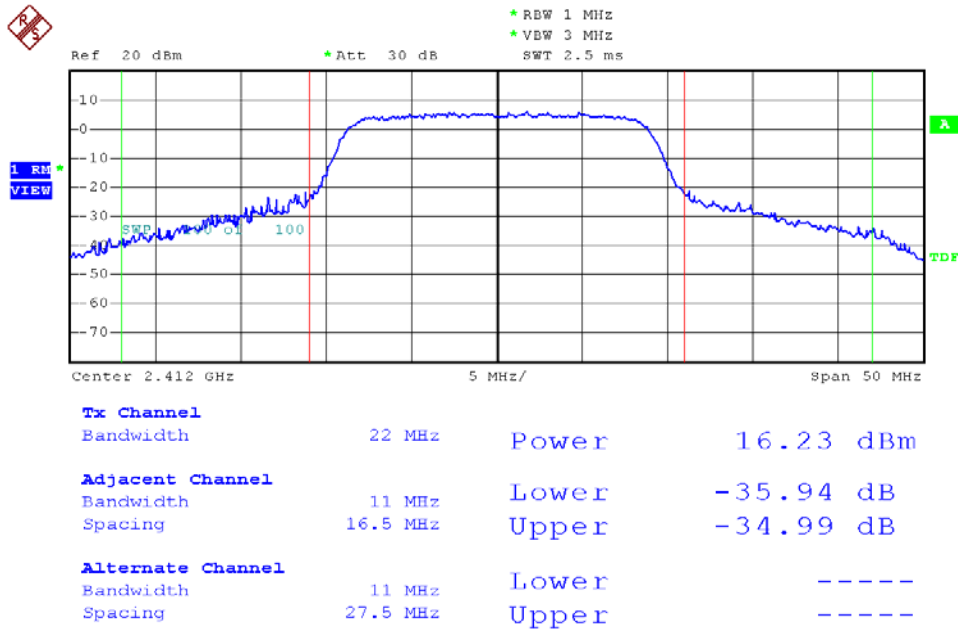


Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 11

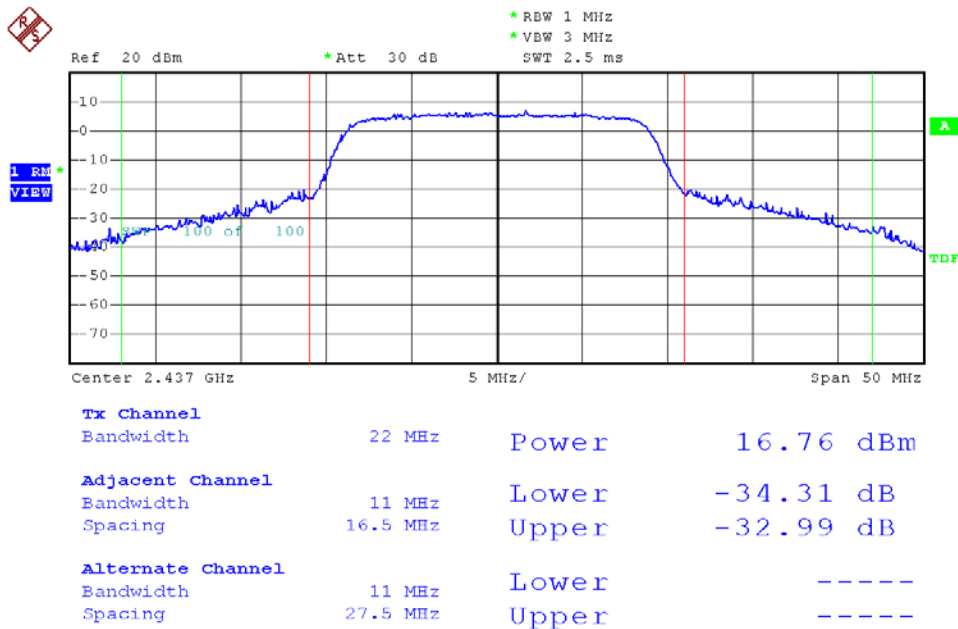




Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 01

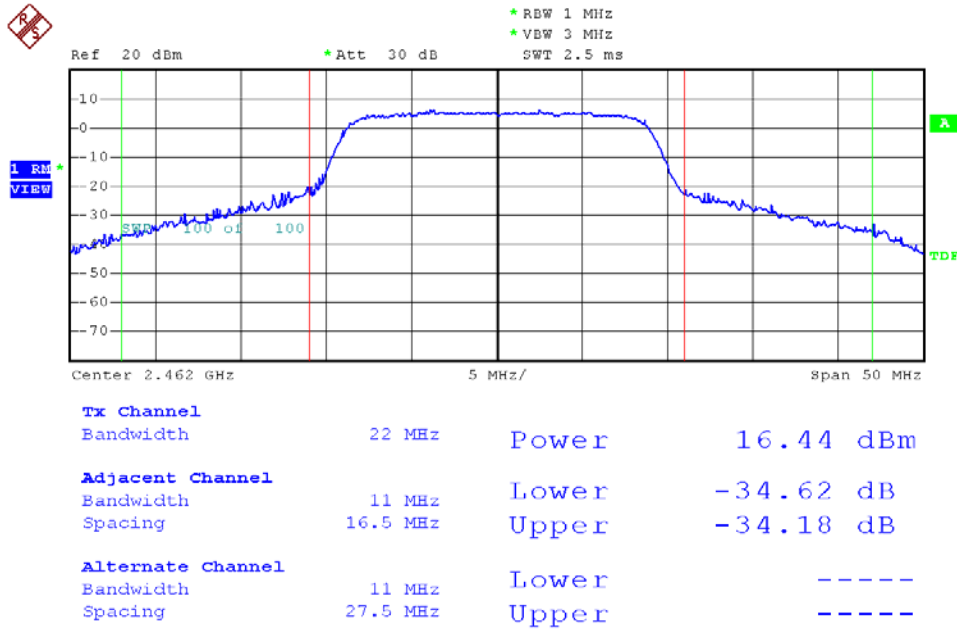


Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 06

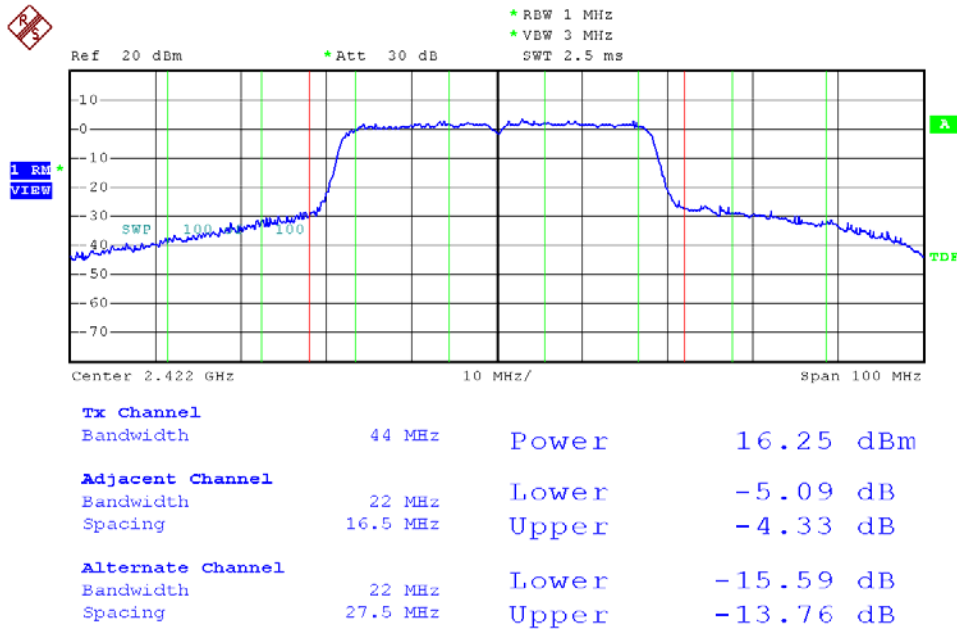




Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 11

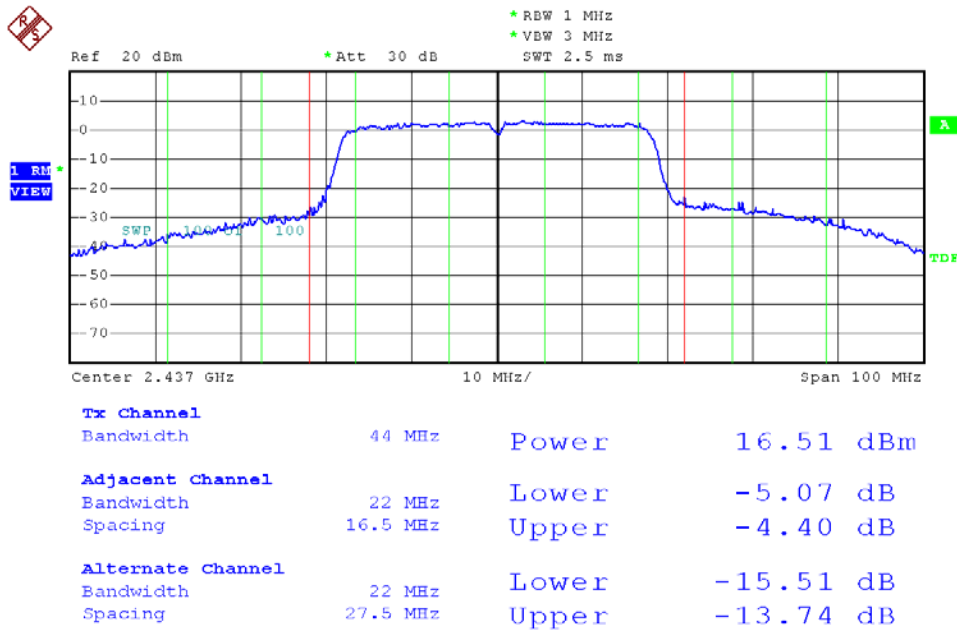


Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 03

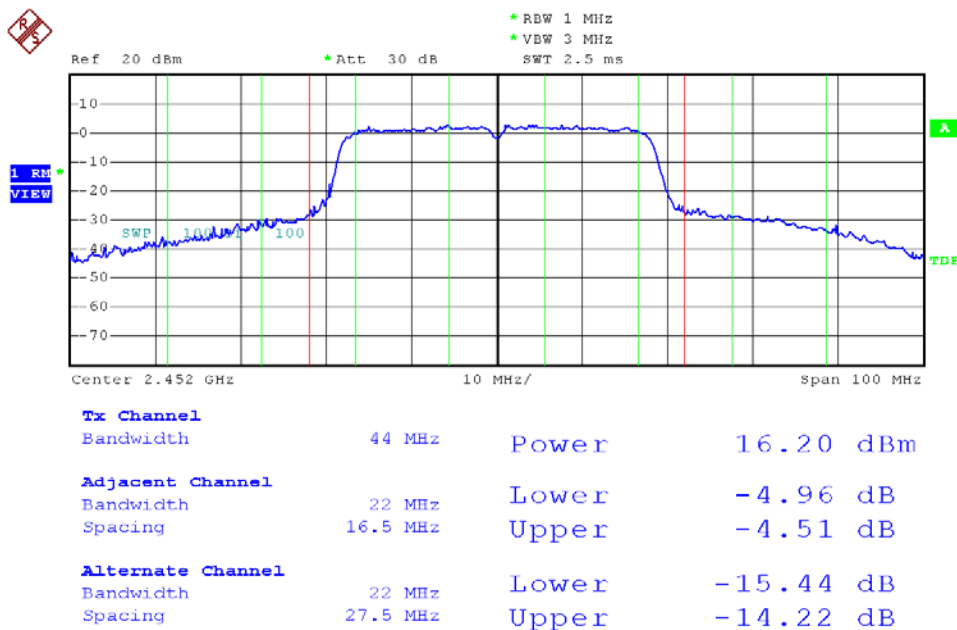




Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 06

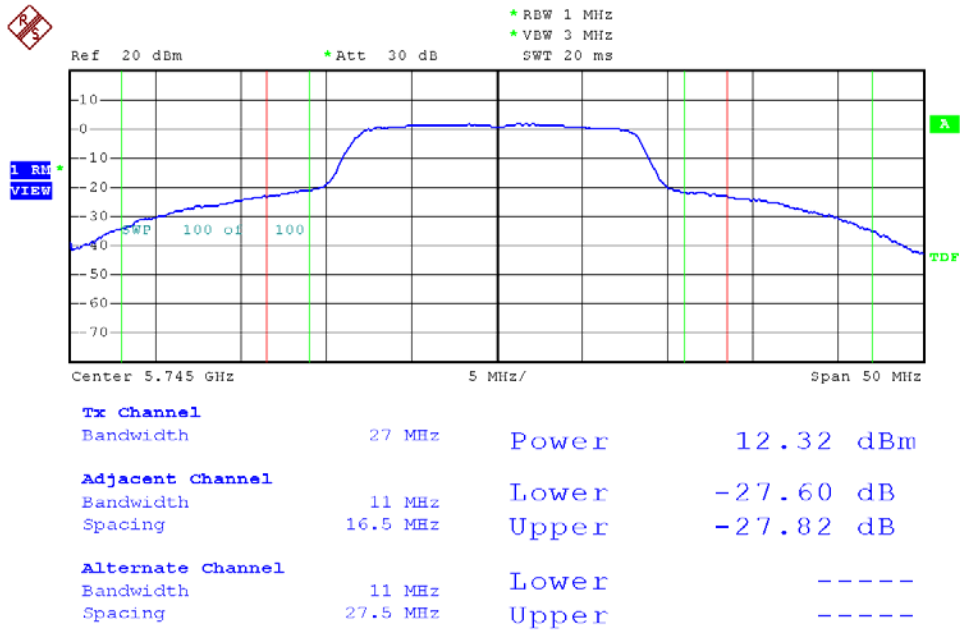


Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 09

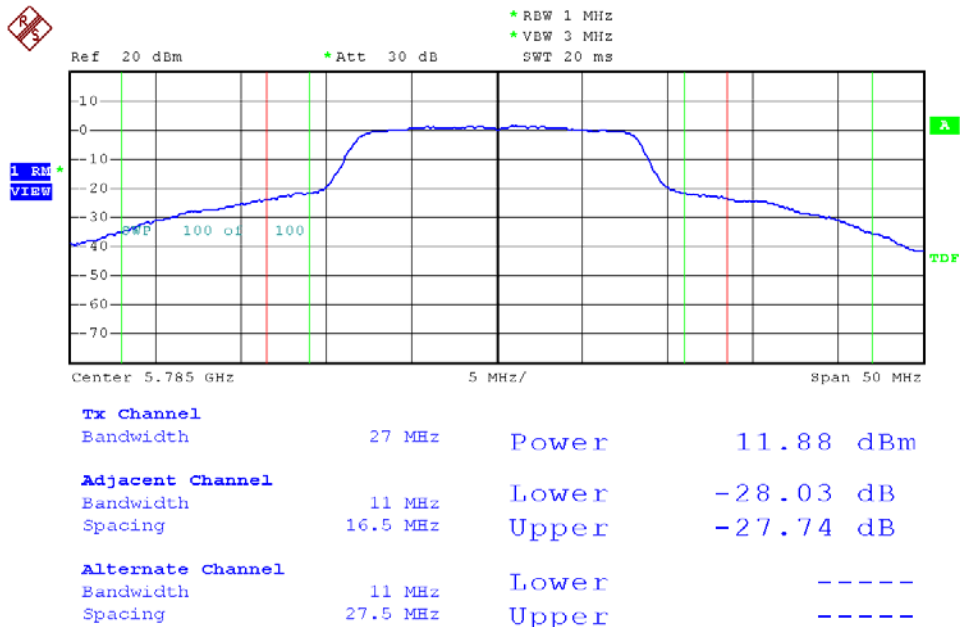




Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 149

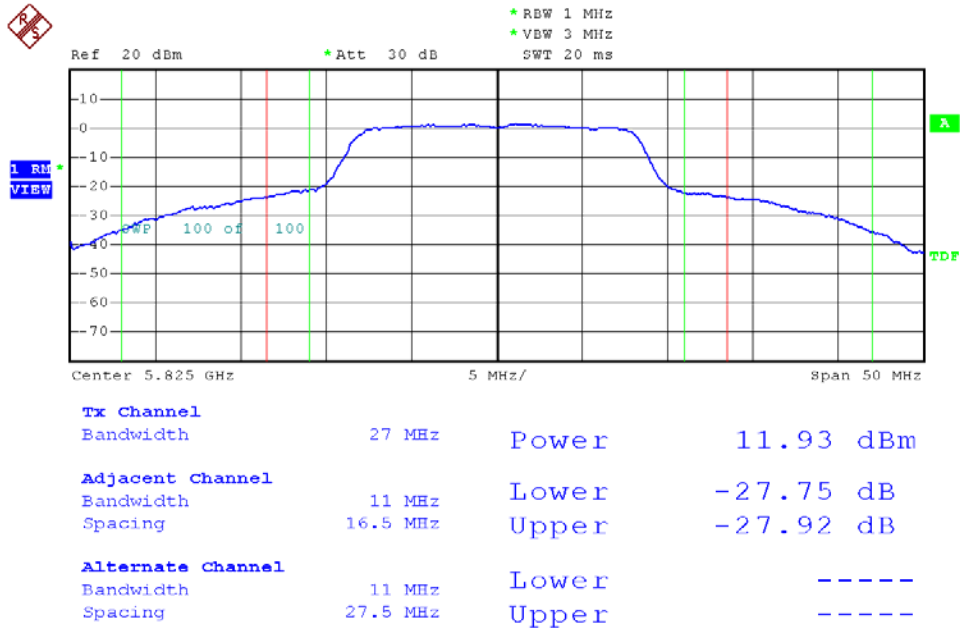


Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 157

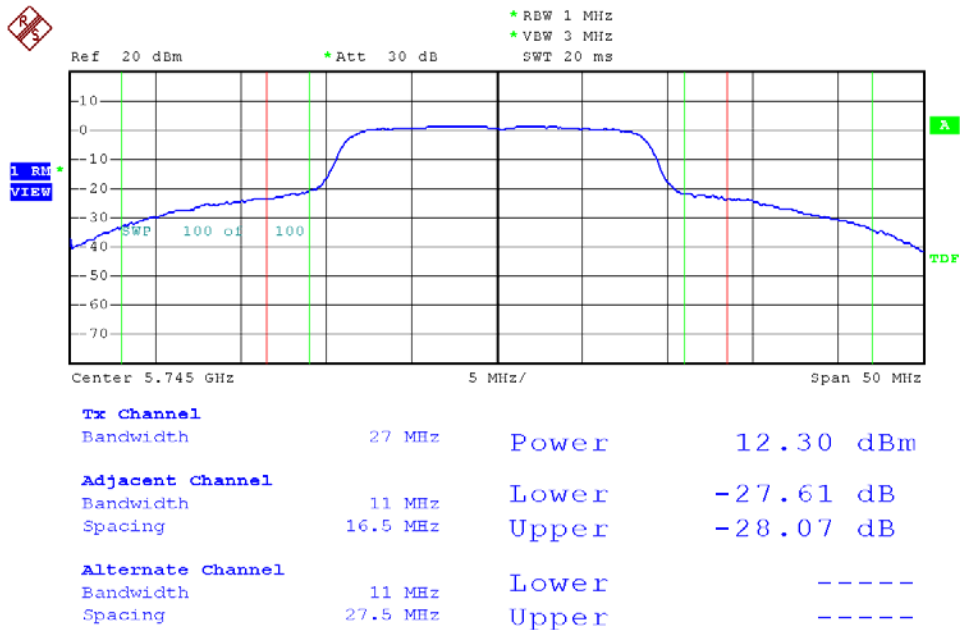




Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 165

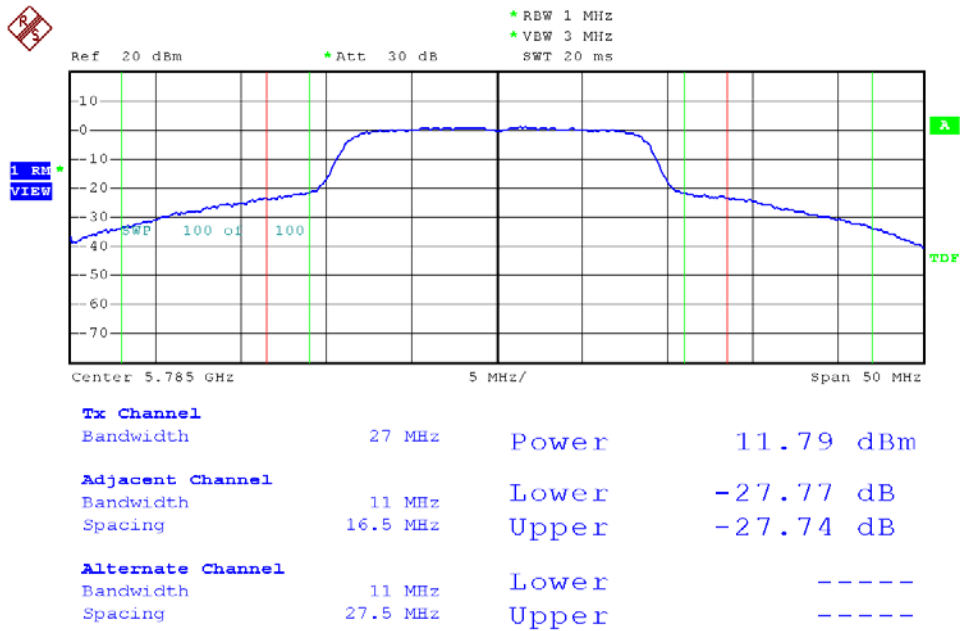


Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 149

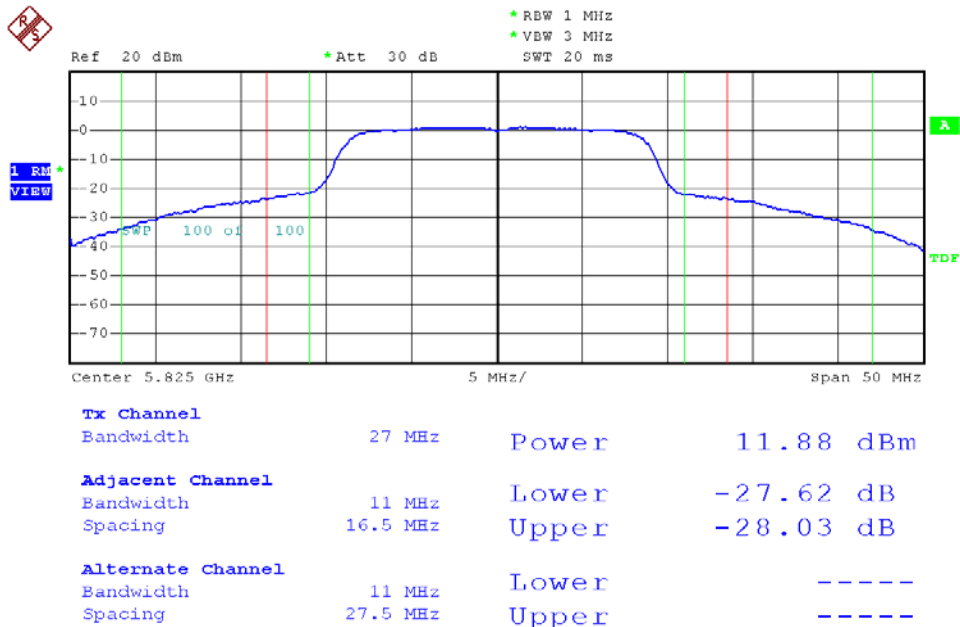




Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 157

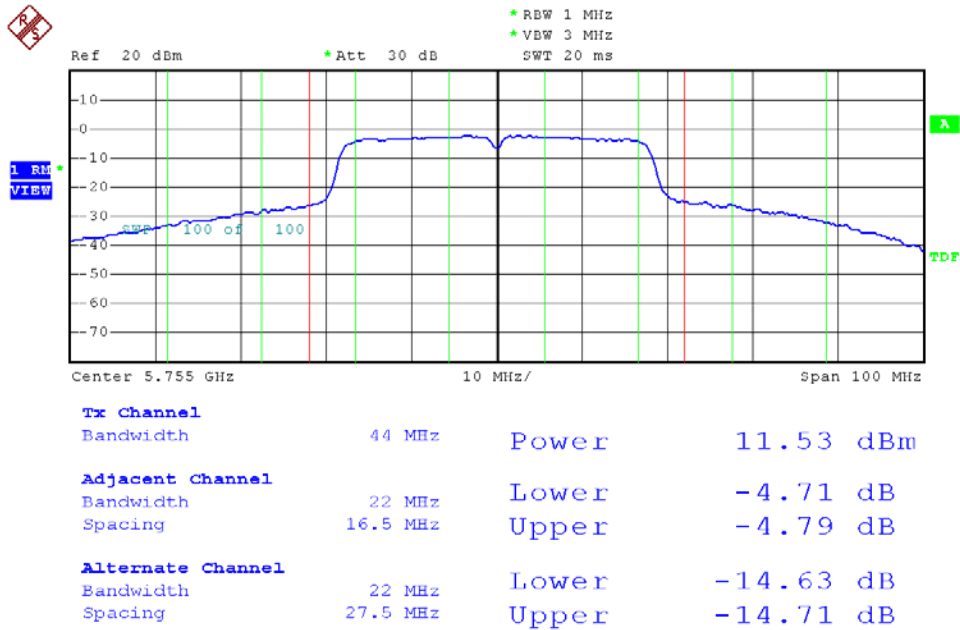


Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 165

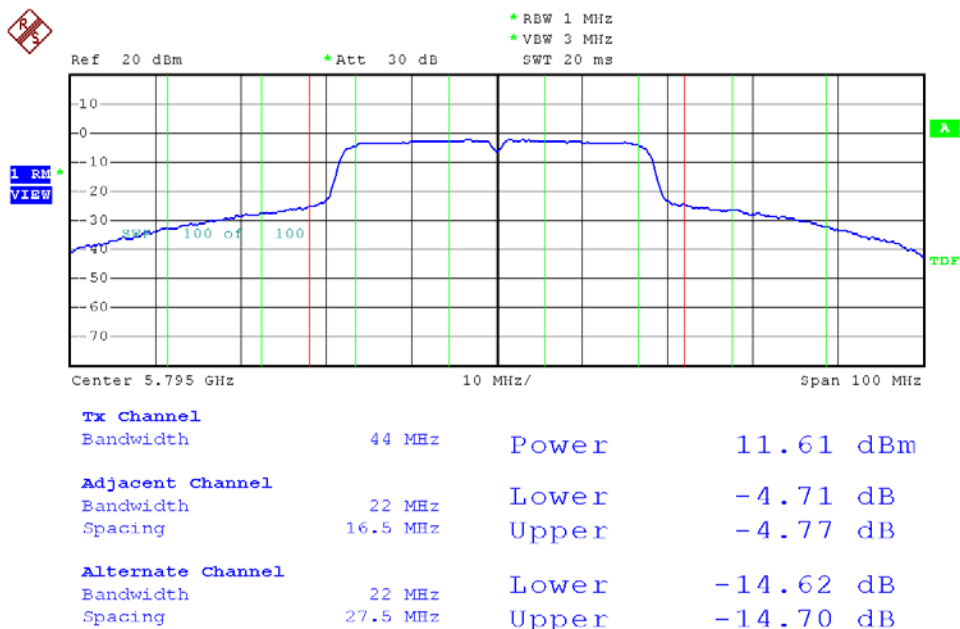




Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Average Power Output Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Average Power Output Channel: 159





8. Power Spectral Density

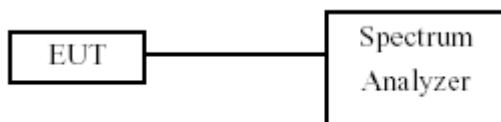
8.1 Test Limit

The Maximum of Power Spectral Density Measurement is 6.99dBm(2.4GHz), 4.99dBm(5GHz).

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. Scale the observed power level to an equivalent value in 3 kHz by adjusting the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(3\text{ kHz}/100) = -15.2\text{ dB}$.
- d. 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	100219	2011/11/24	2012/11/23



8.5 Test Result and Data

Test Date: Jun. 01, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)	
			ANT R	ANT L
802.11b (11Mbps)	01	2412	-9.65	-10.23
	06	2437	-9.31	-10.11
	11	2462	-9.65	-10.44
802.11g (54Mbps)	01	2412	-13.64	-13.80
	06	2437	-13.18	-13.47
	11	2462	-13.64	-14.39

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT R	ANT L	R+L
802.11n HT20 (130Mbps)	01	2412	-14.08	-14.58	-11.31
	06	2437	-13.71	-13.80	-10.74
	11	2462	-13.91	-14.05	-10.97
802.11n HT40 (270Mbps)	03	2422	-16.70	-16.92	-13.80
	06	2437	-16.39	-16.44	-13.40
	09	2452	-17.08	-16.75	-13.90

Test Date: Jun. 05, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

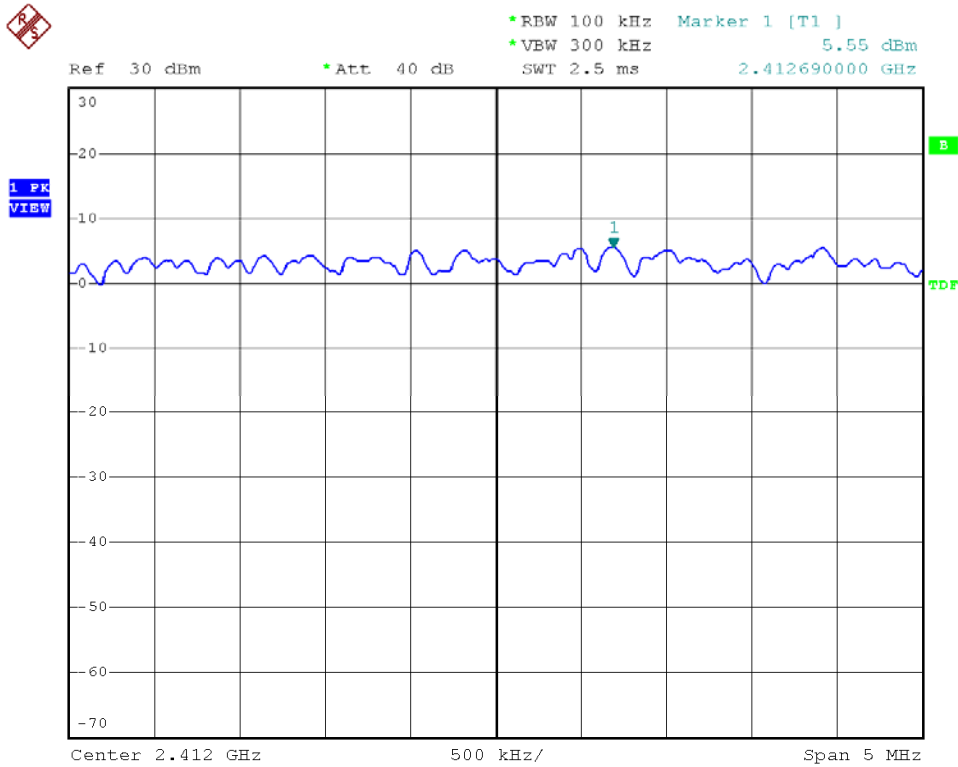
Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)	
			ANT R	ANT L
802.11a (54Mbps)	149	5745	-15.13	-13.58
	157	5785	-19.49	-14.50
	165	5825	-21.20	-14.33

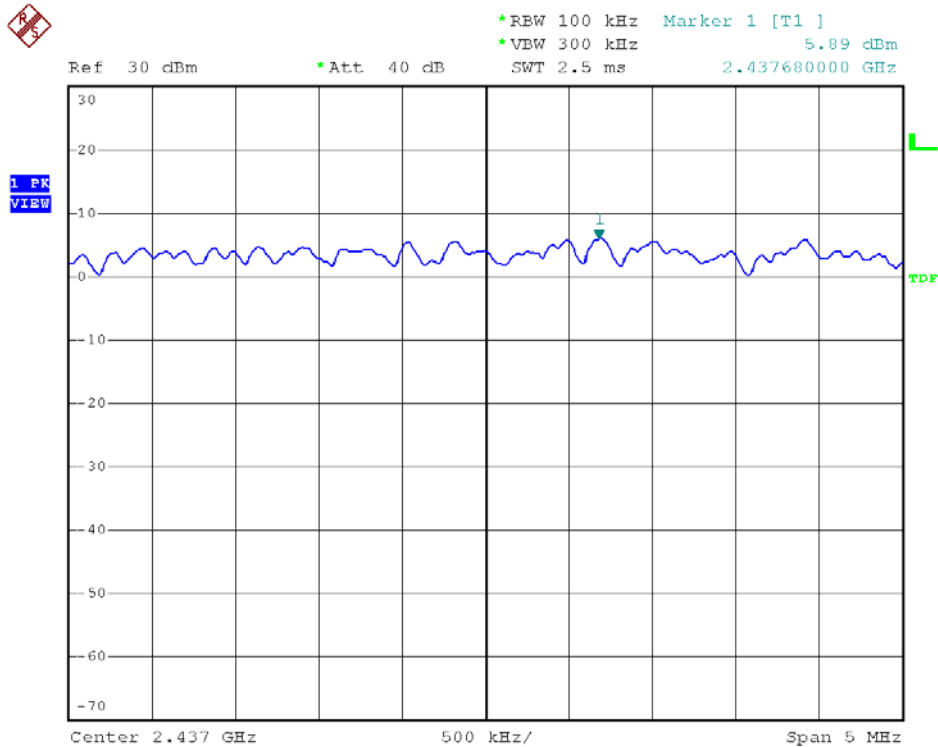
Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT R	ANT L	R+L
802.11an HT20 (130Mbps)	149	5745	-16.20	-14.20	-12.08
	157	5785	-20.65	-15.01	-13.96
	165	5825	-21.53	-15.31	-14.38
802.11an HT40 (270Mbps)	151	5755	-19.35	-17.26	-15.17
	159	5795	-24.36	-17.00	-16.27



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

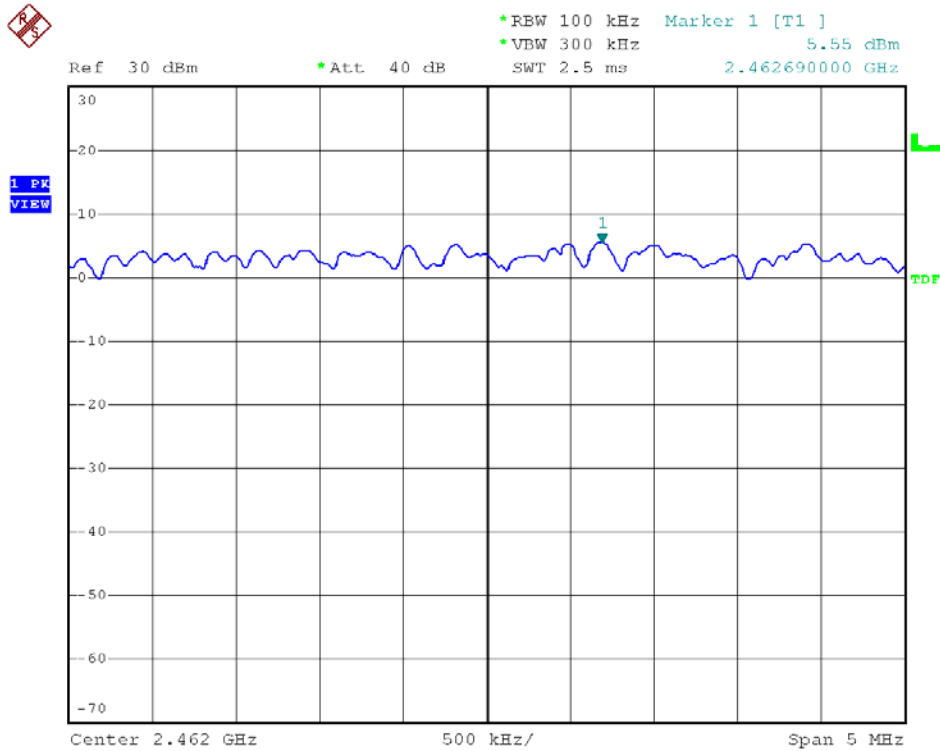


Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 06

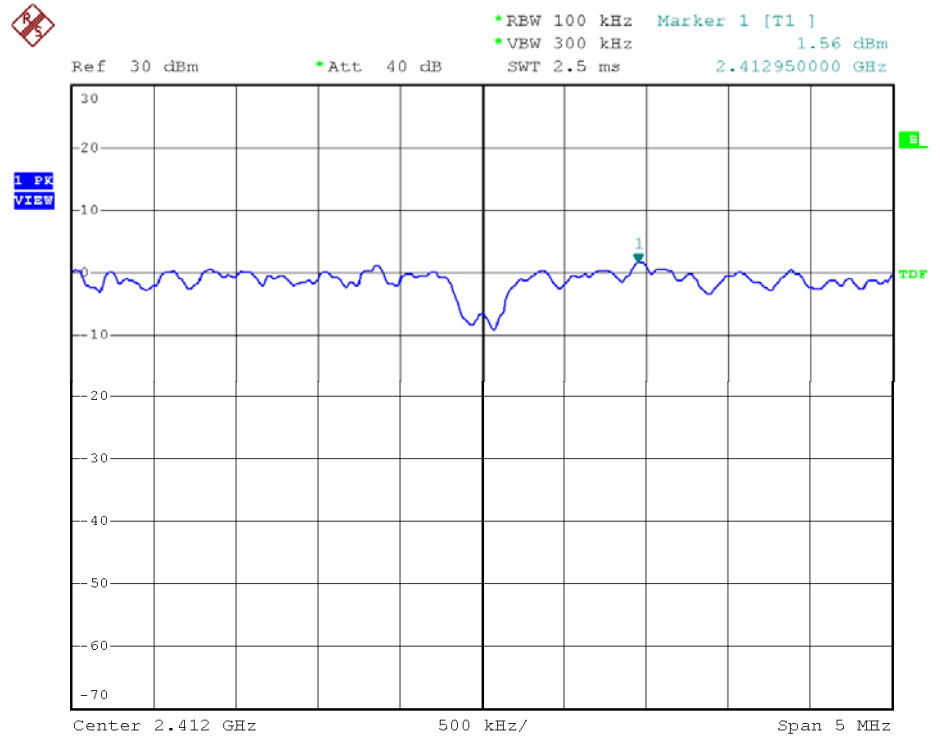




Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 11

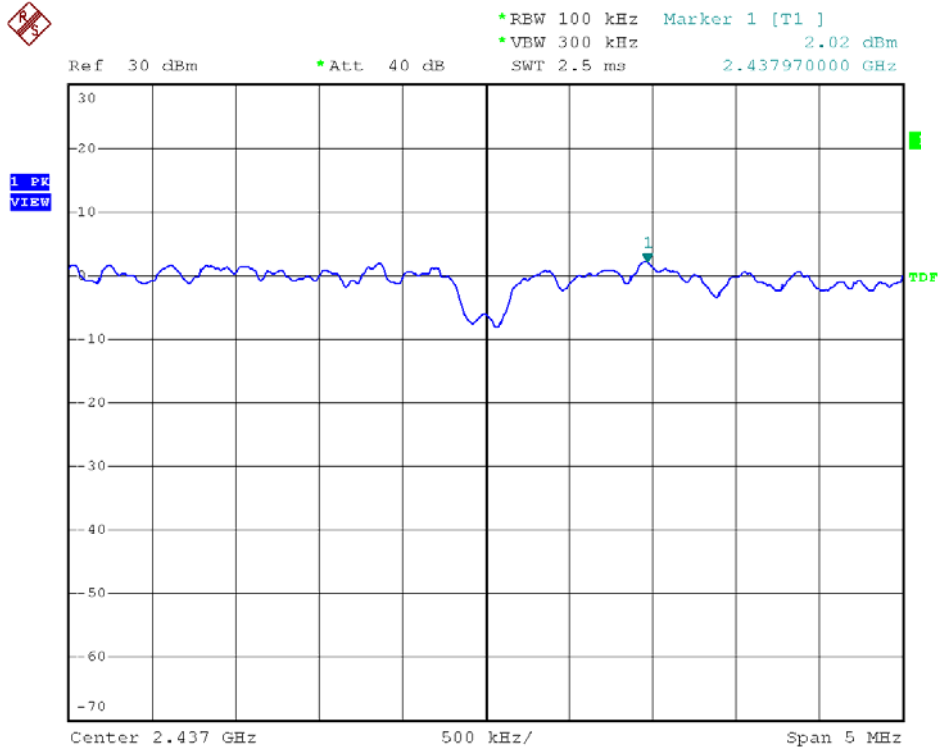


Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 01

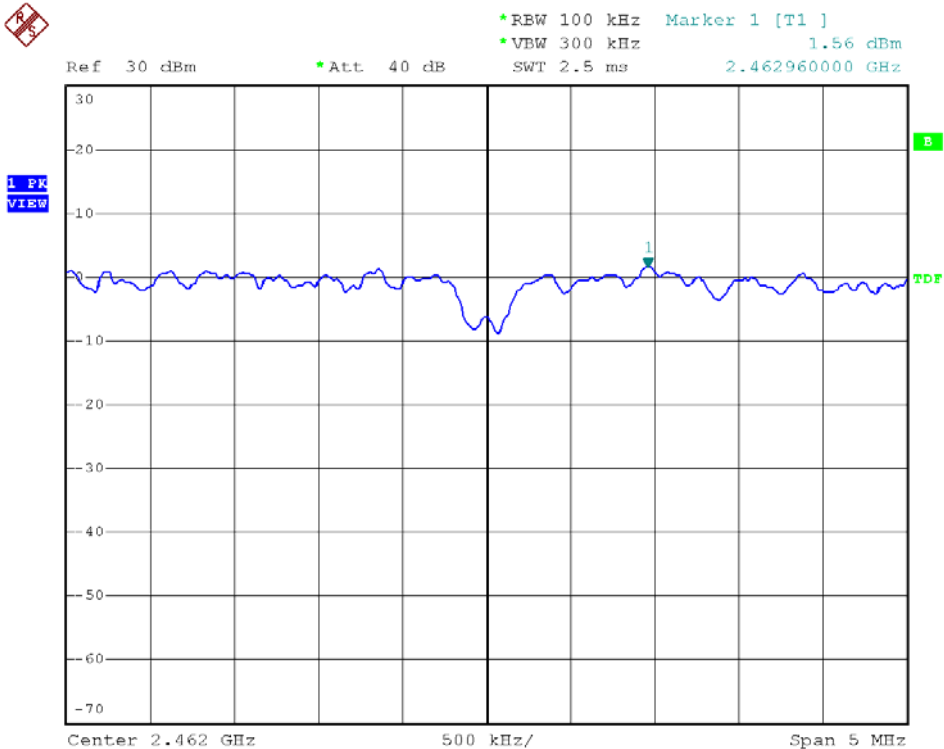




Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 06

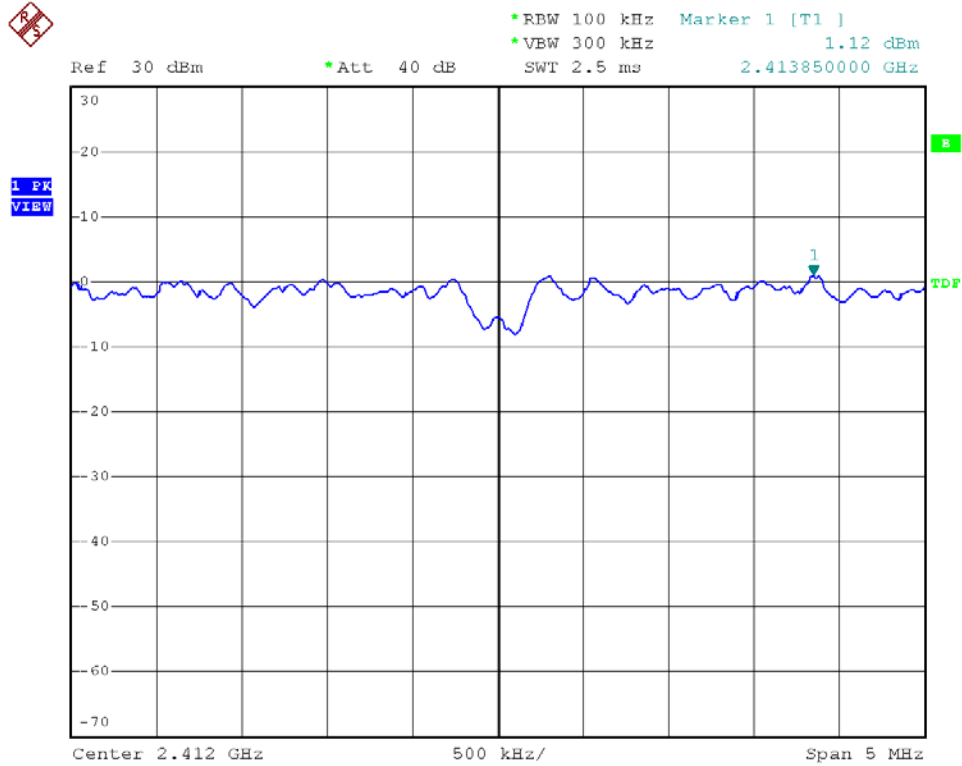


Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 11

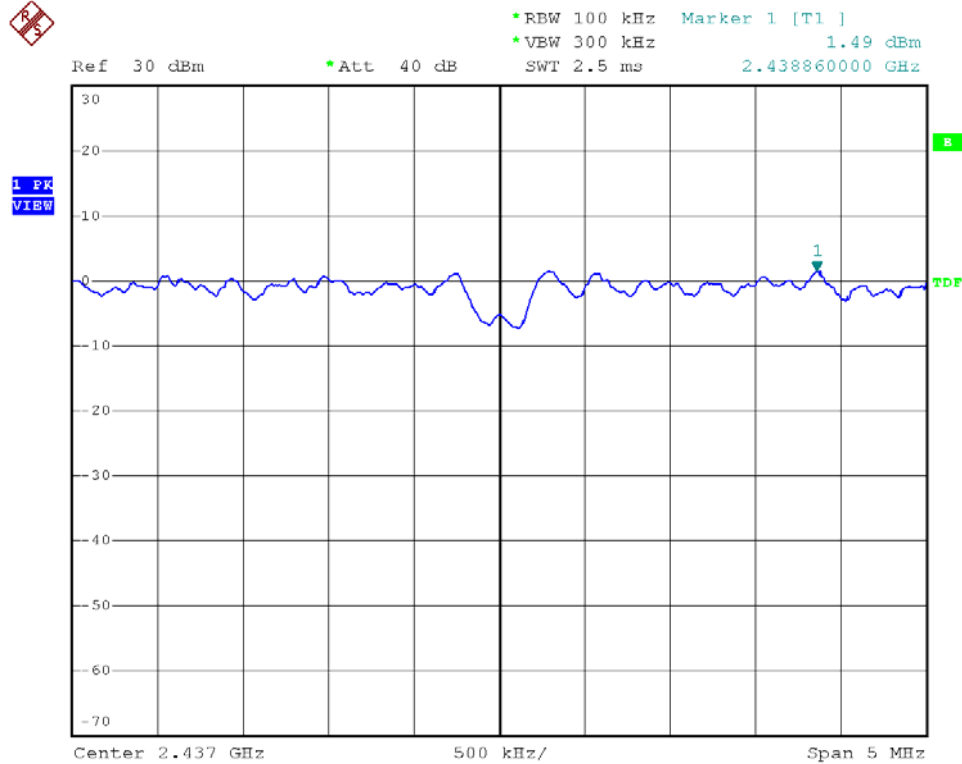




Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 01

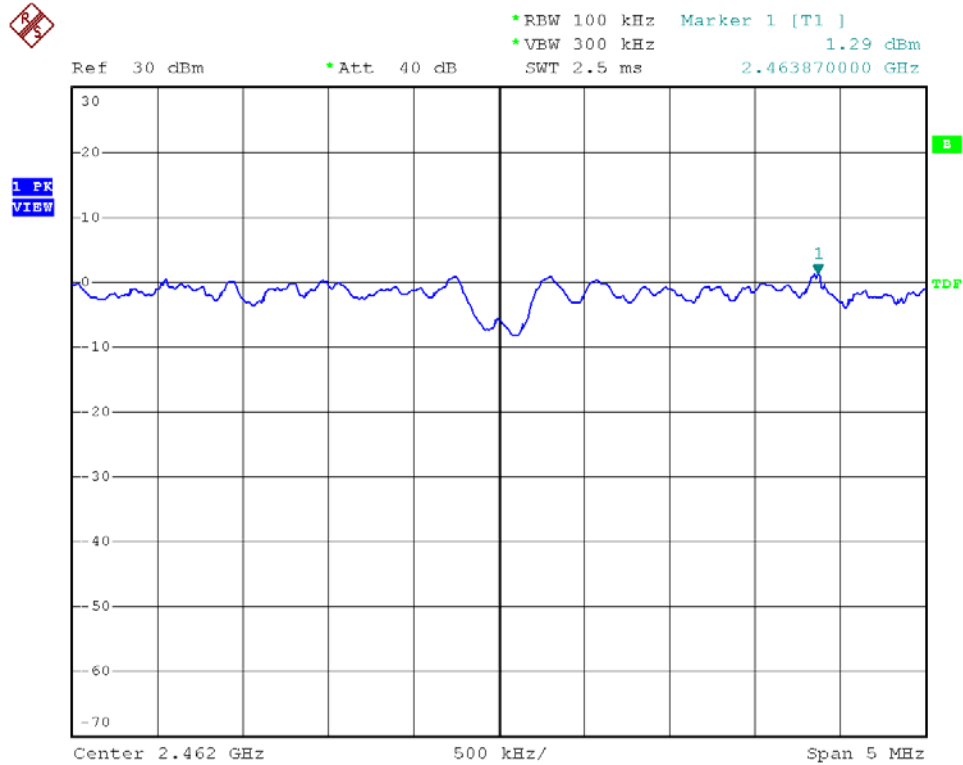


Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 06

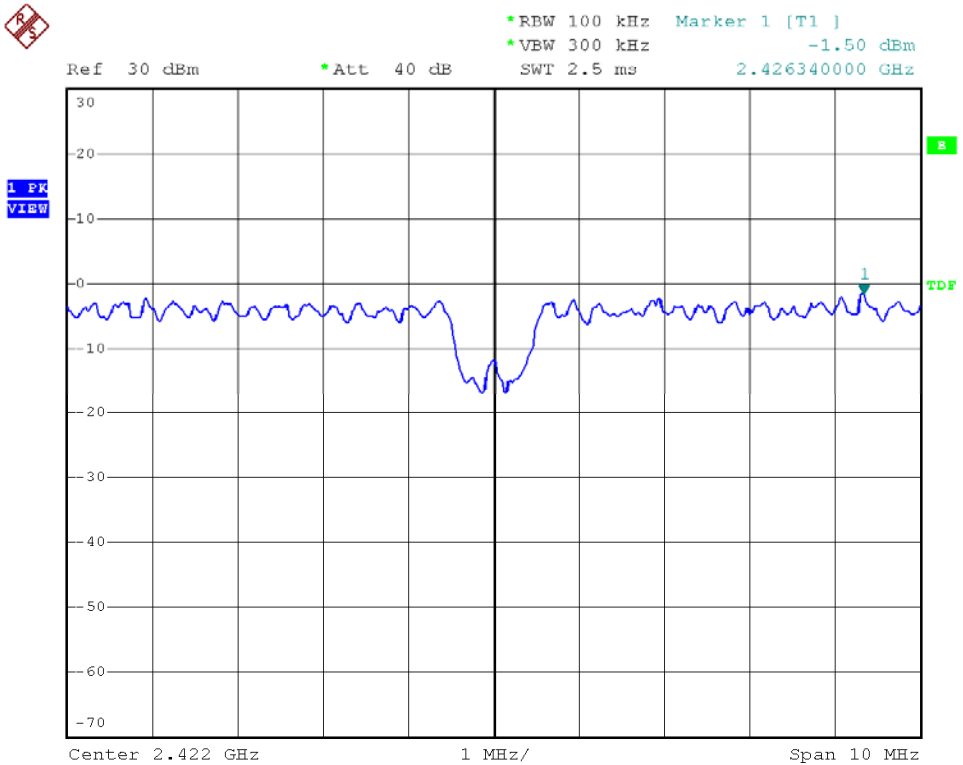




Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 11

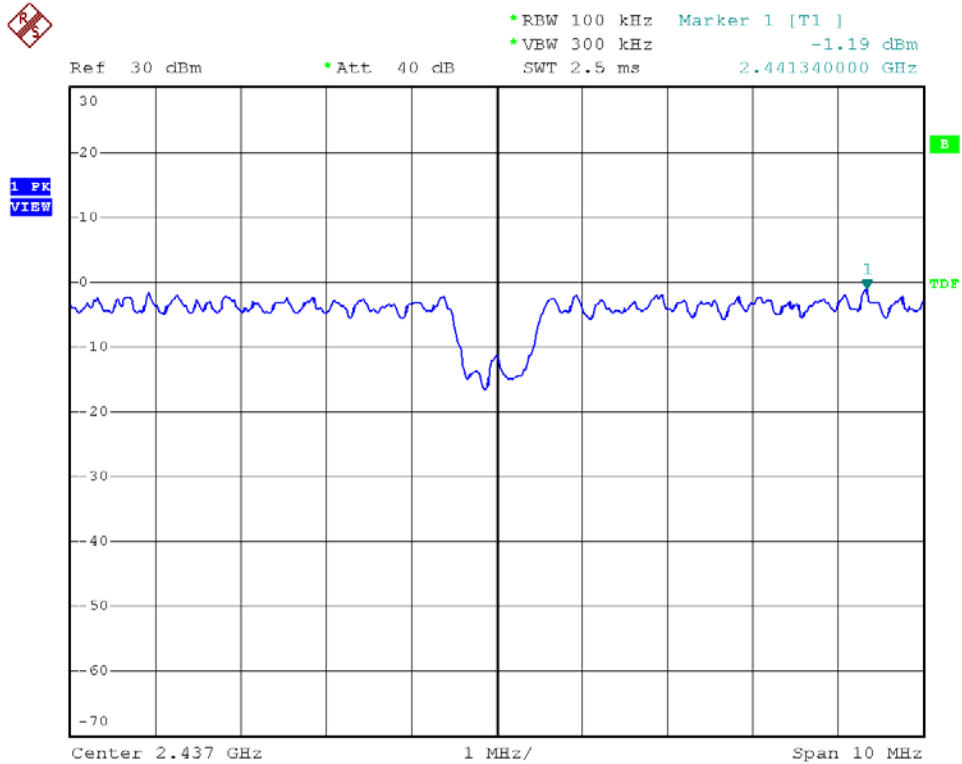


Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 03

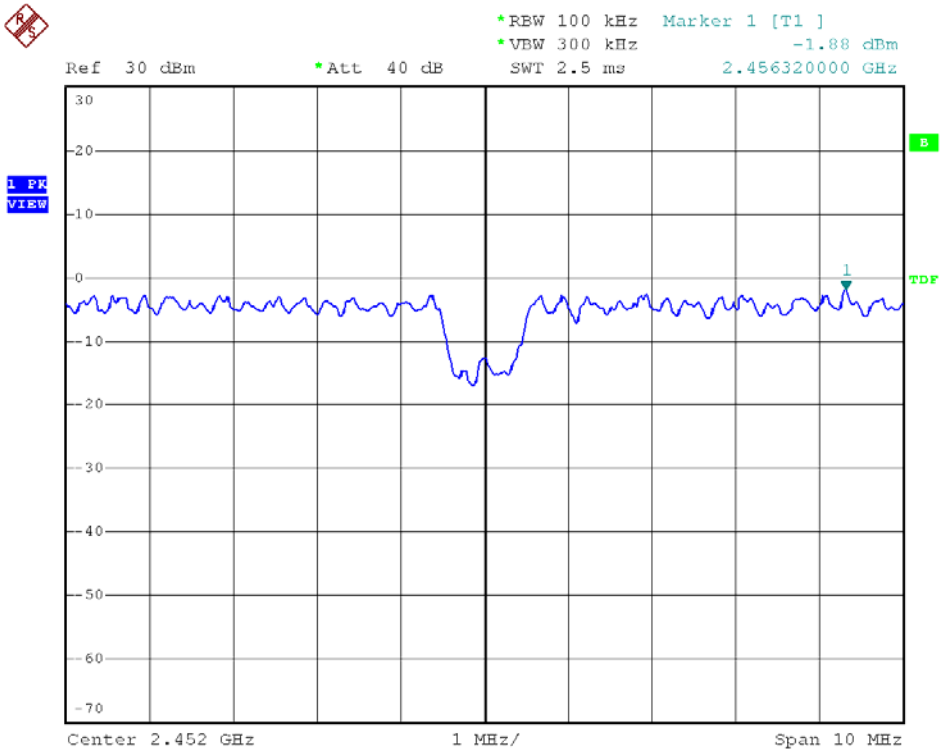




Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 06

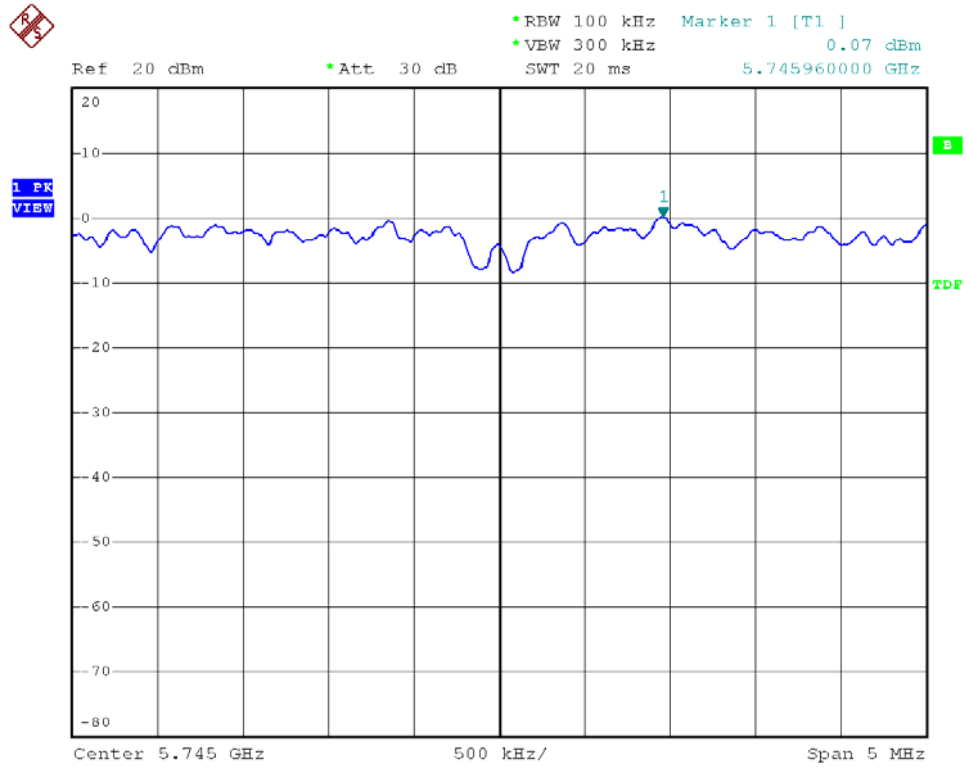


Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 09

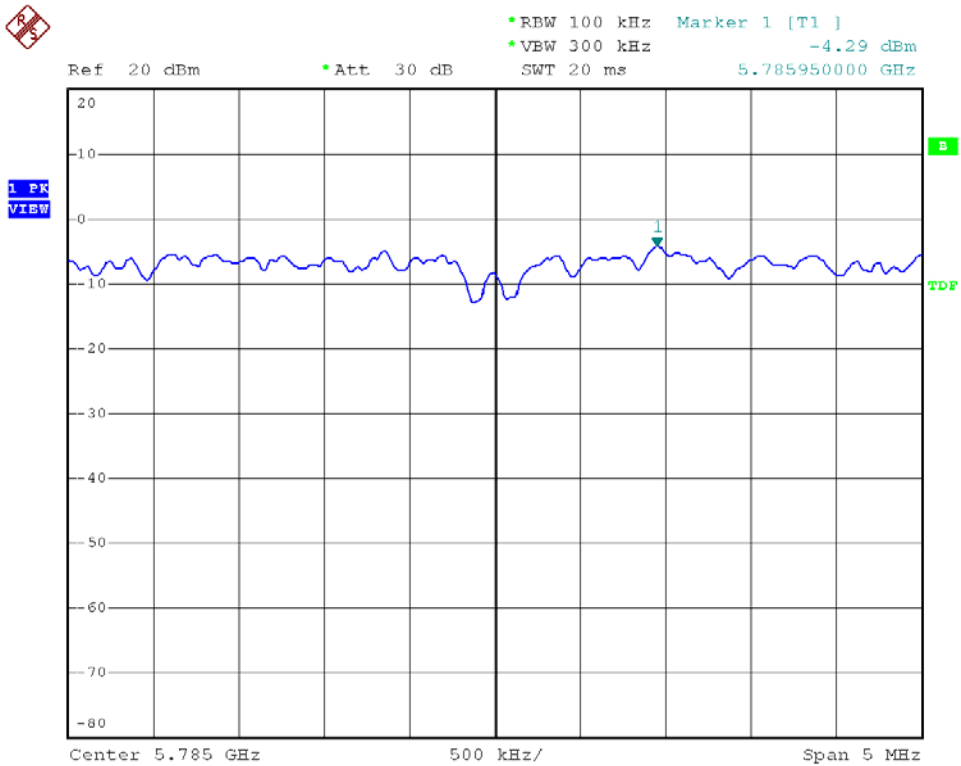




Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 149

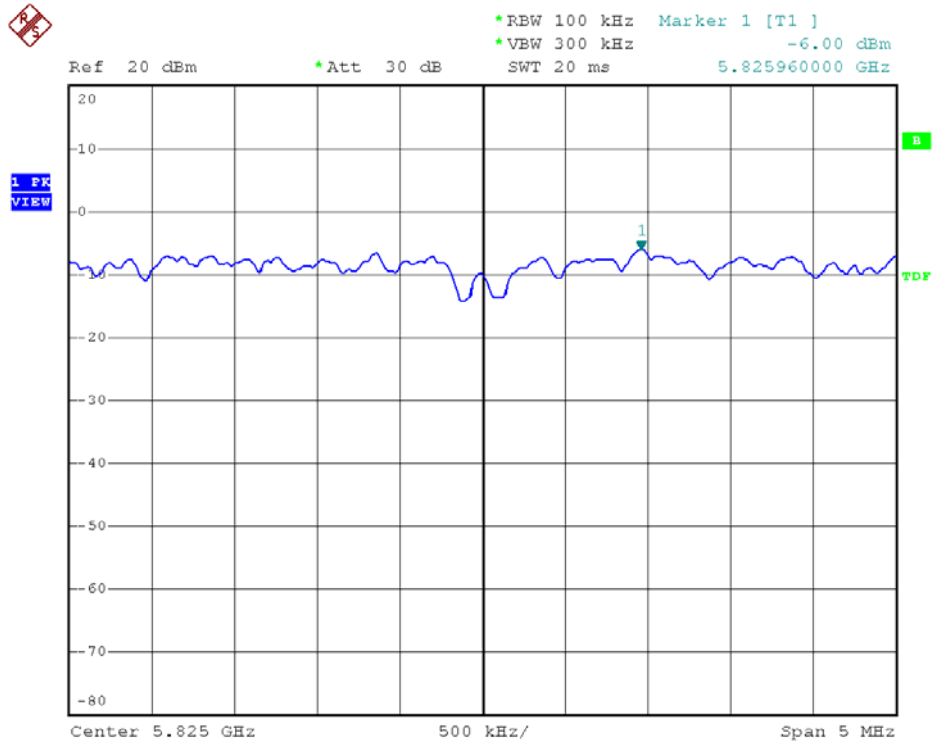


Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 157

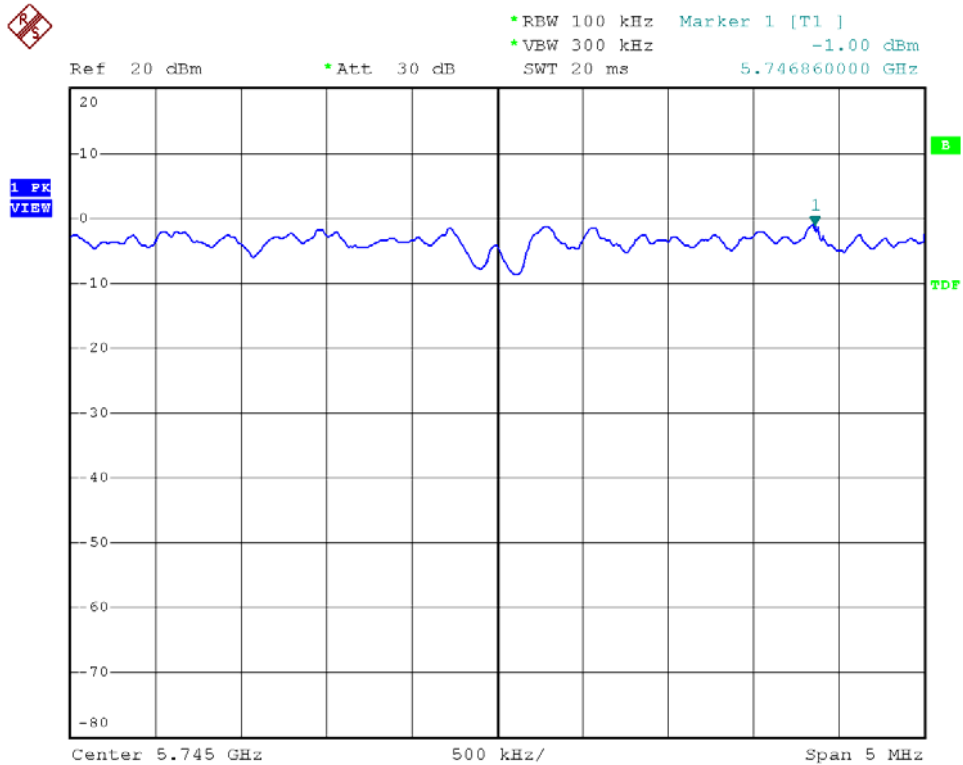




Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 165

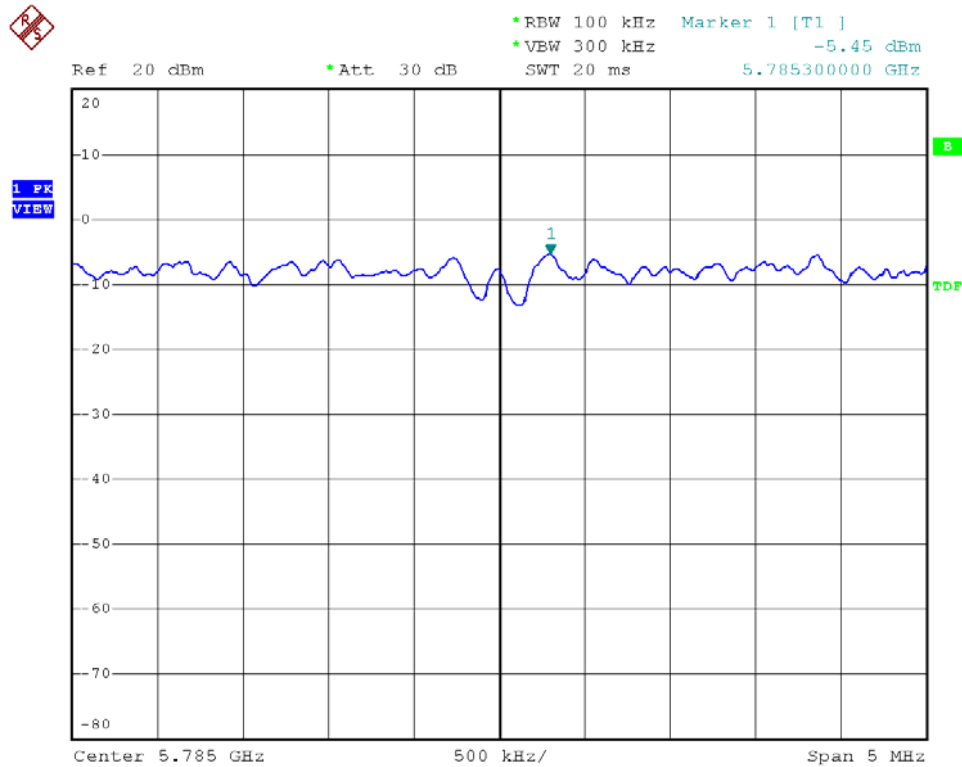


Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 149

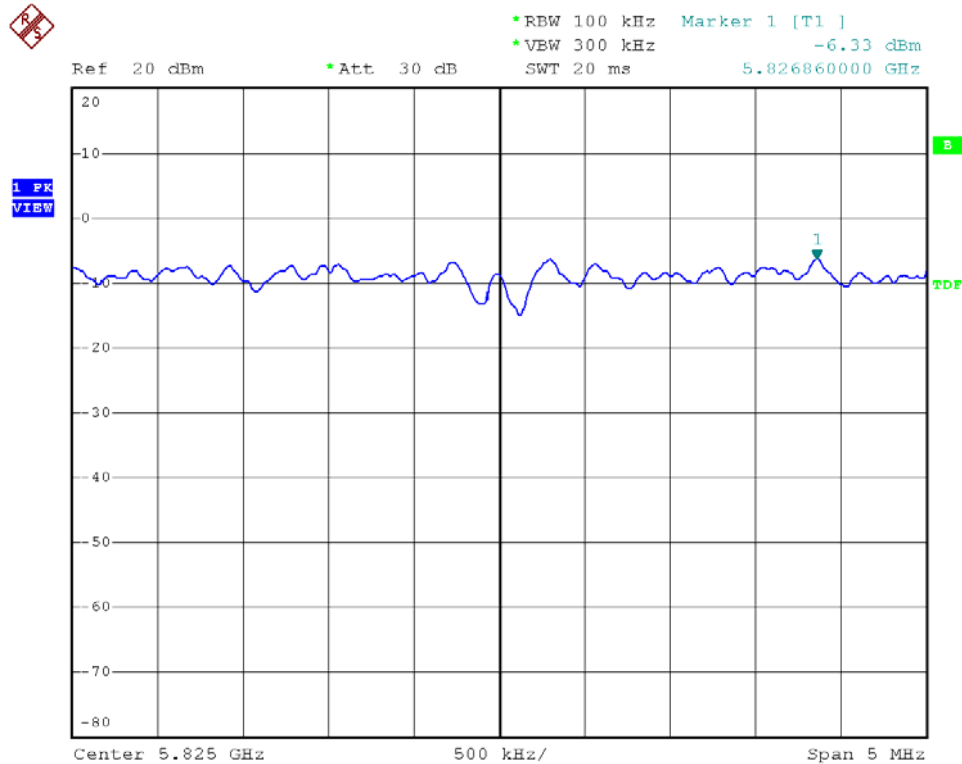




Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 157

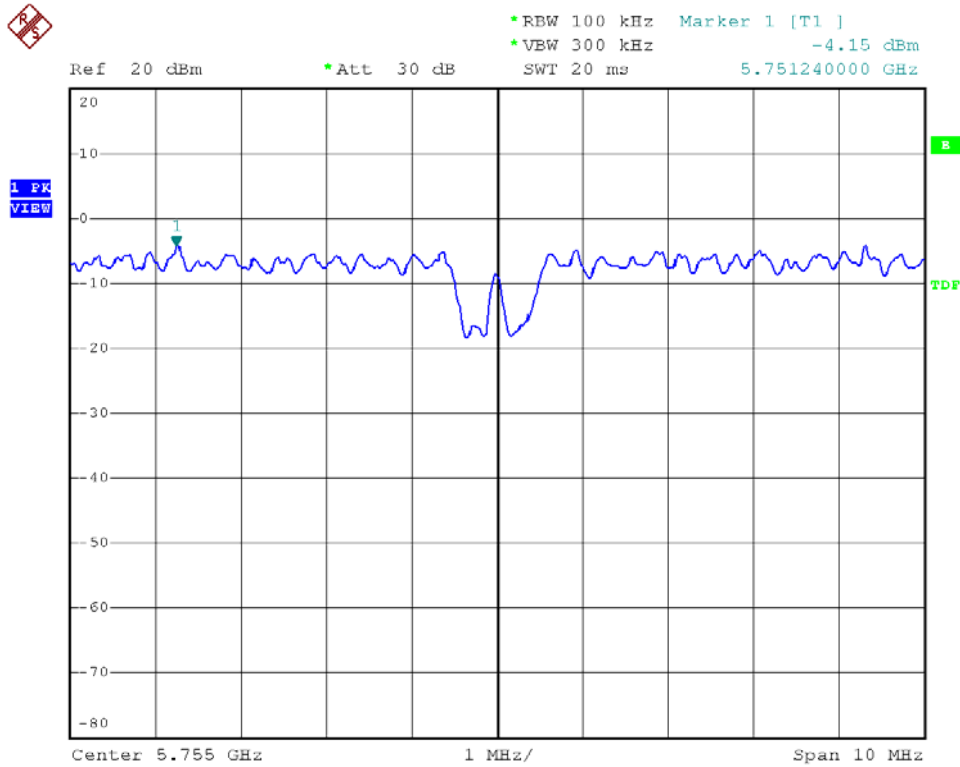


Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 165

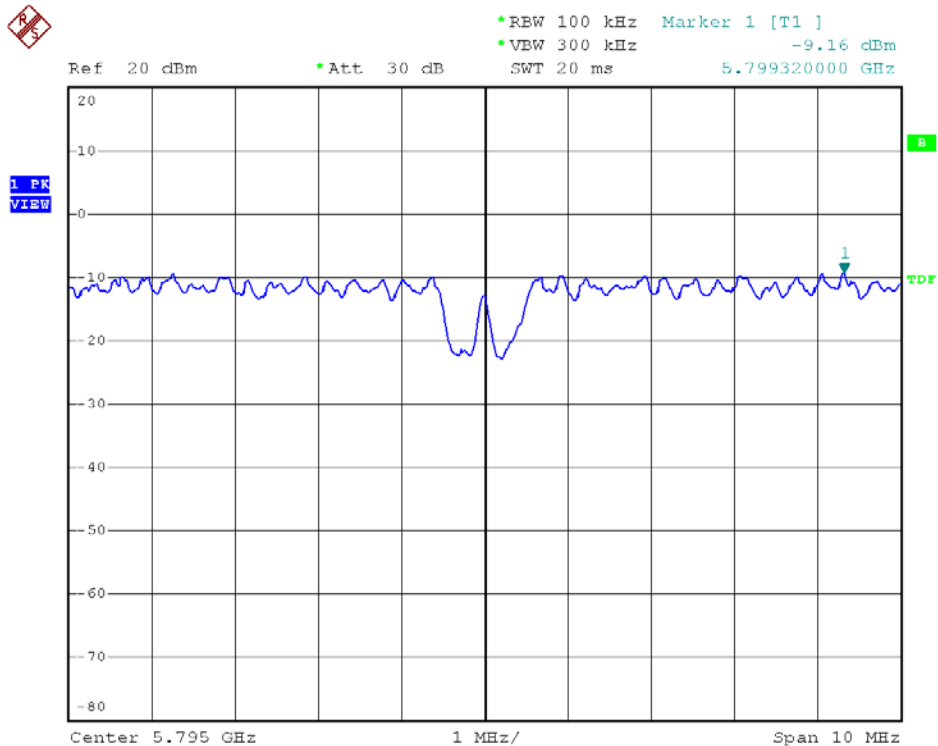




Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 151

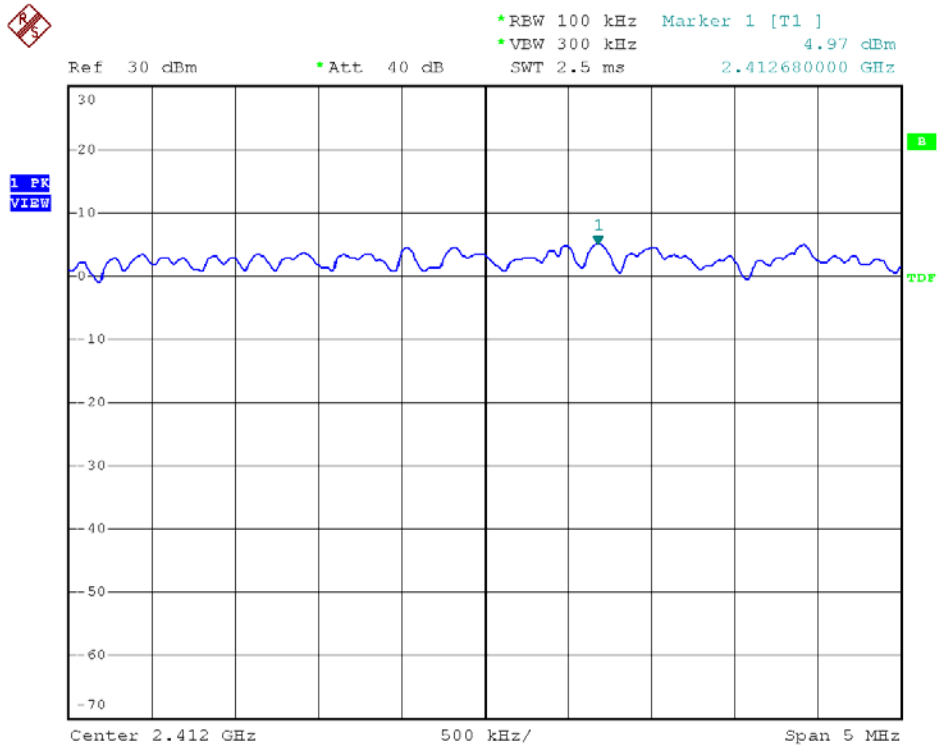


Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 159

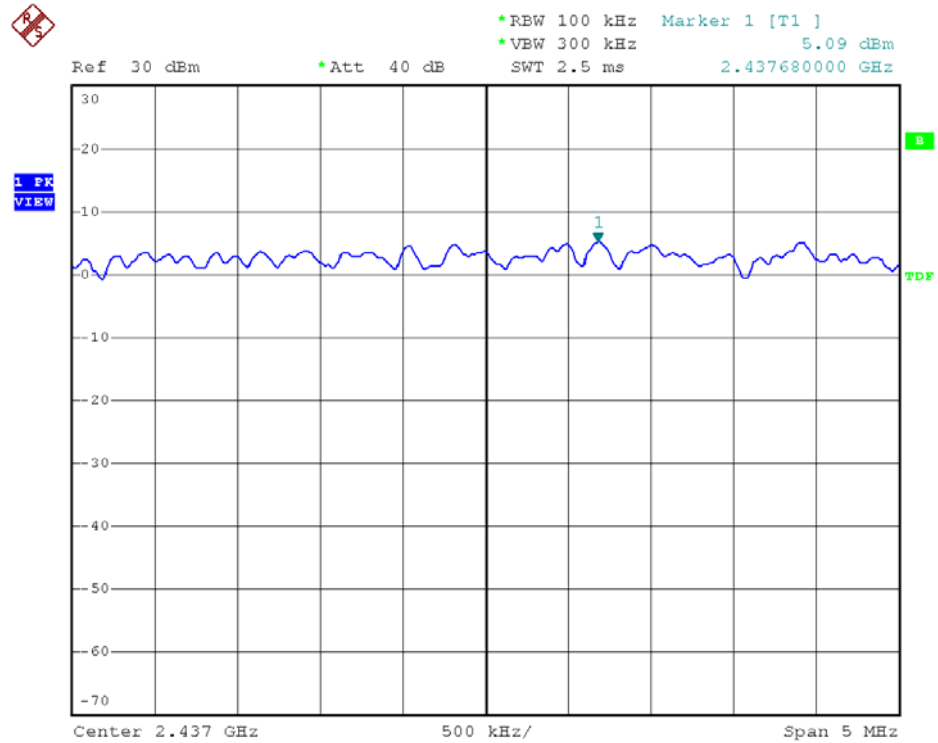




Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 01

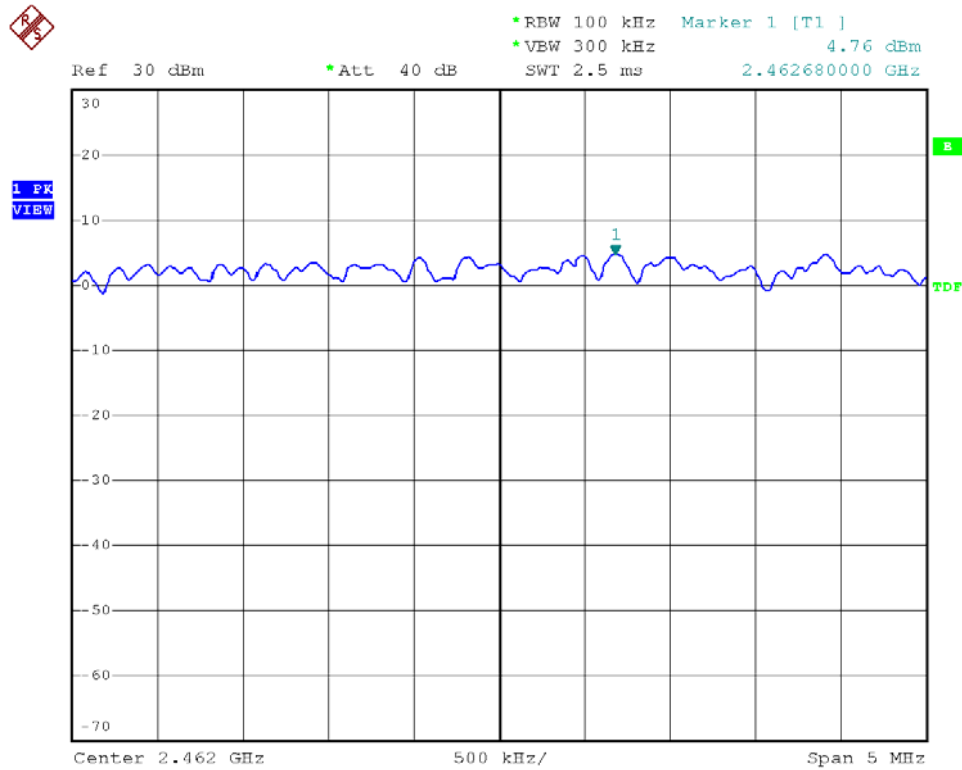


Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 06

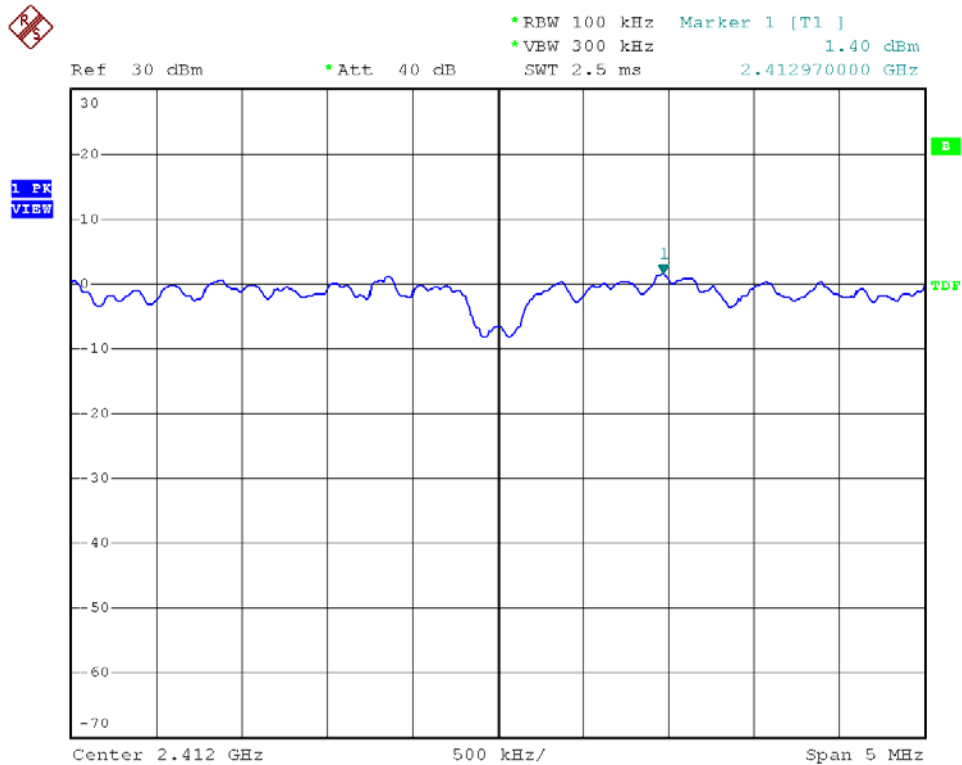




Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 11

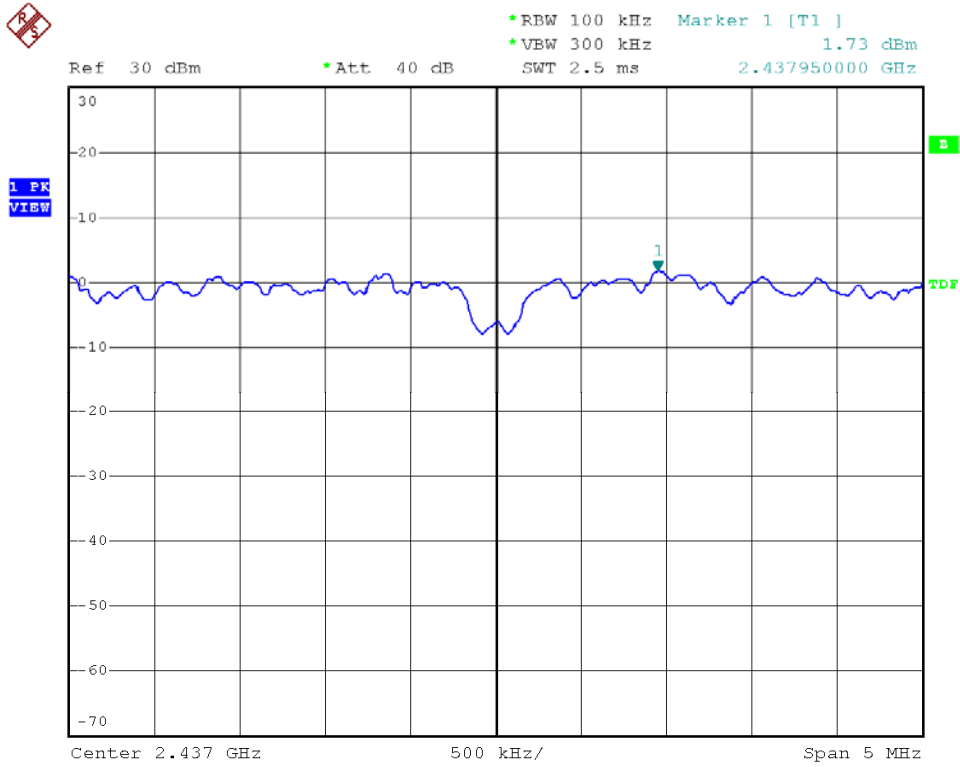


Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 01

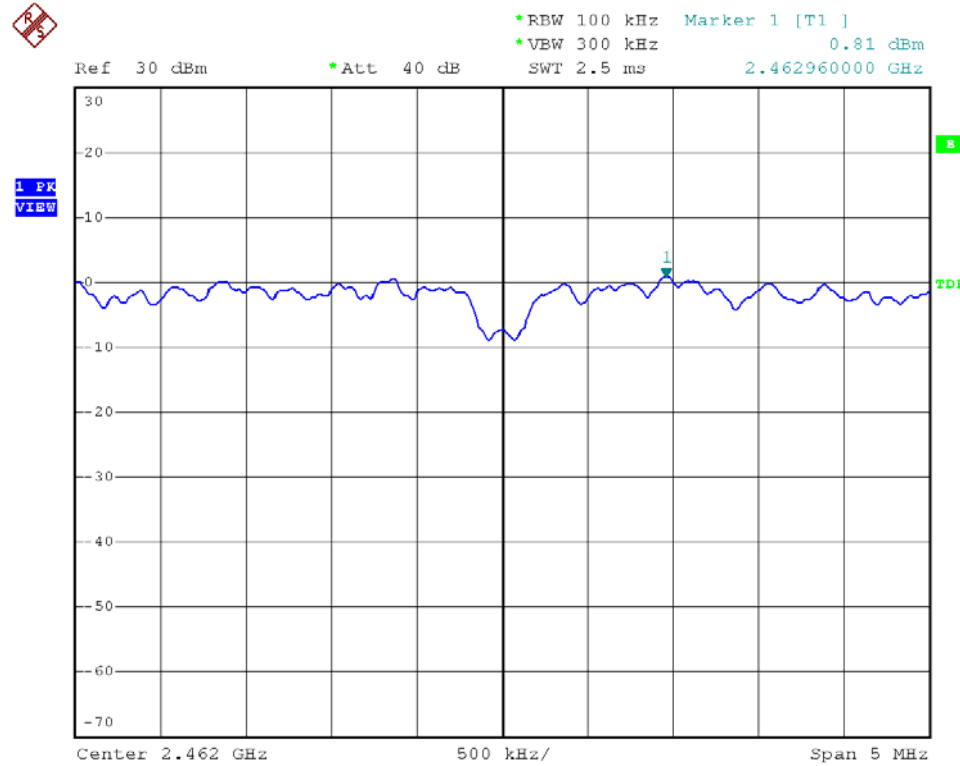




Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 06

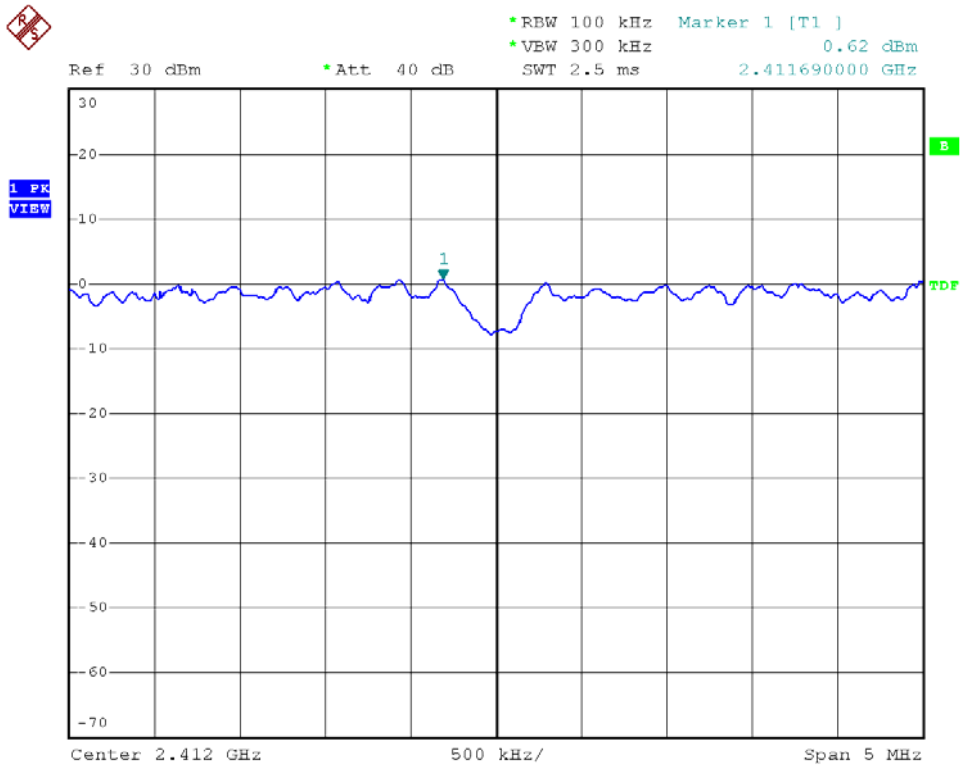


Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 11

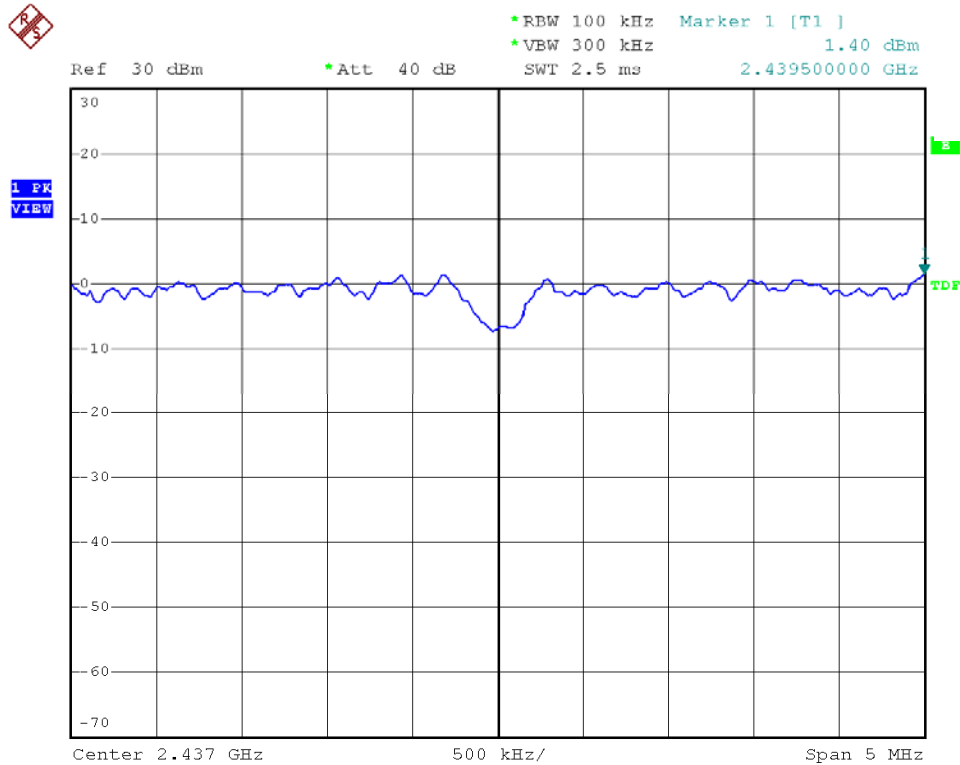




Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 01

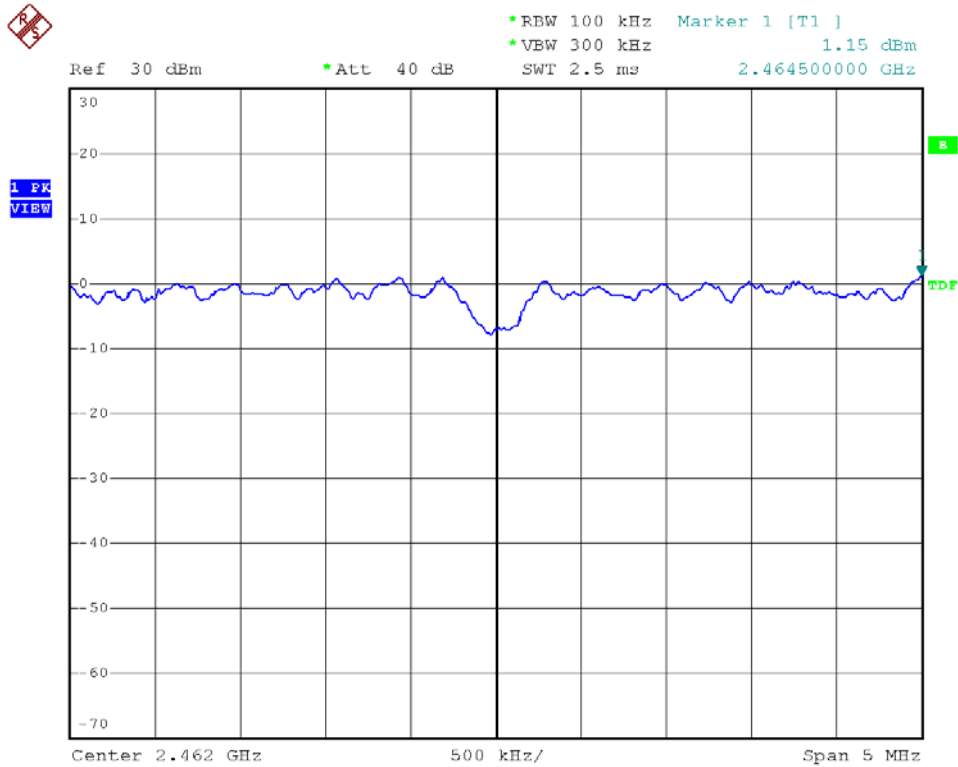


Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 06

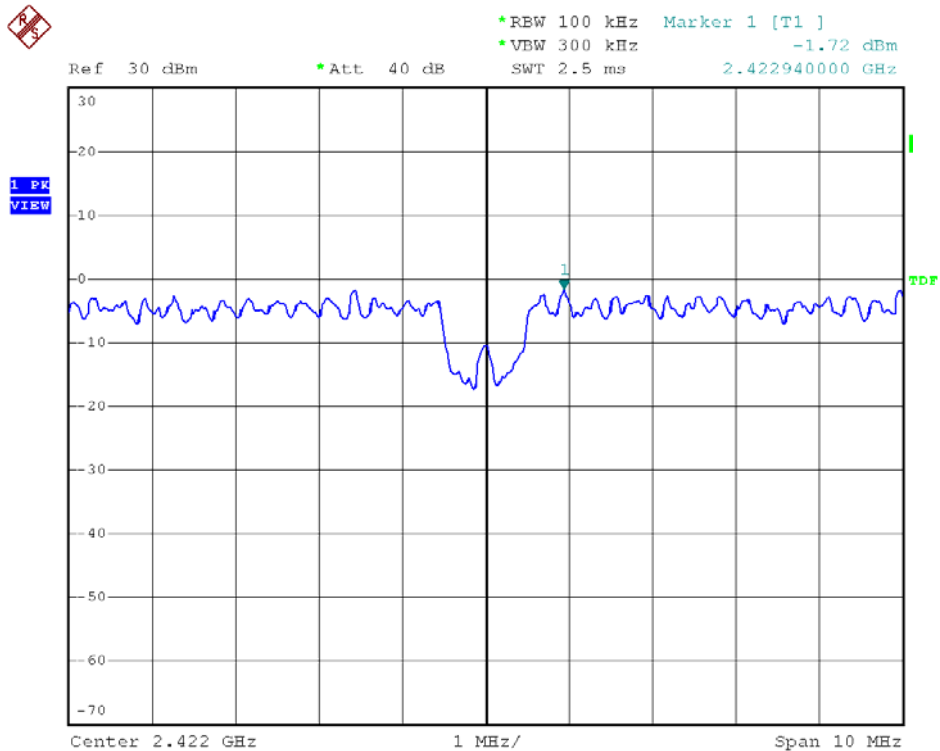




Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 11

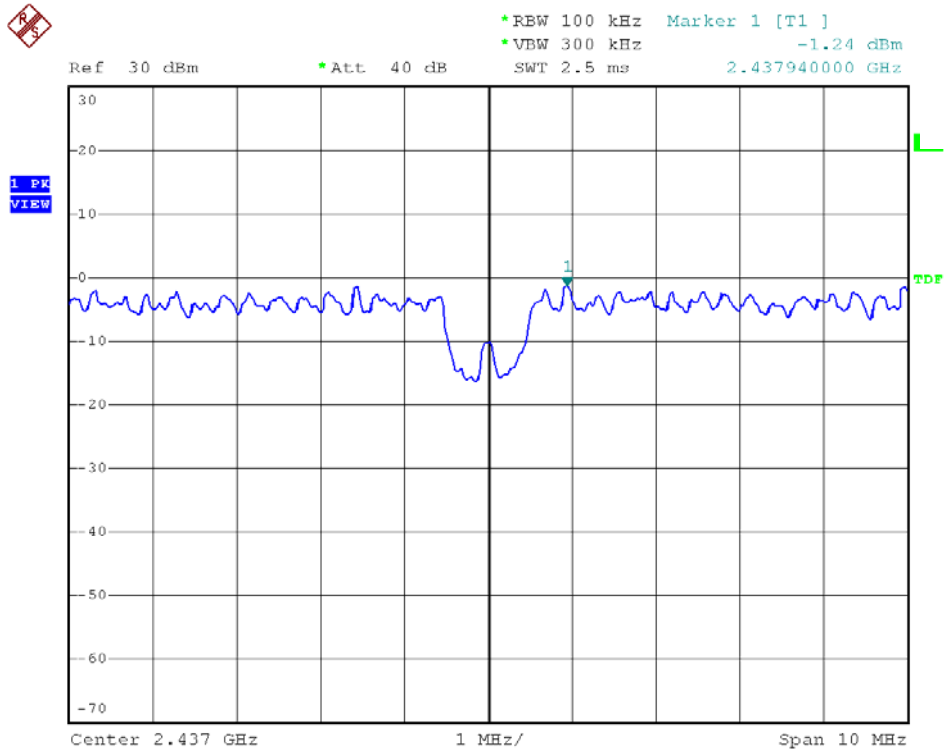


Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 03

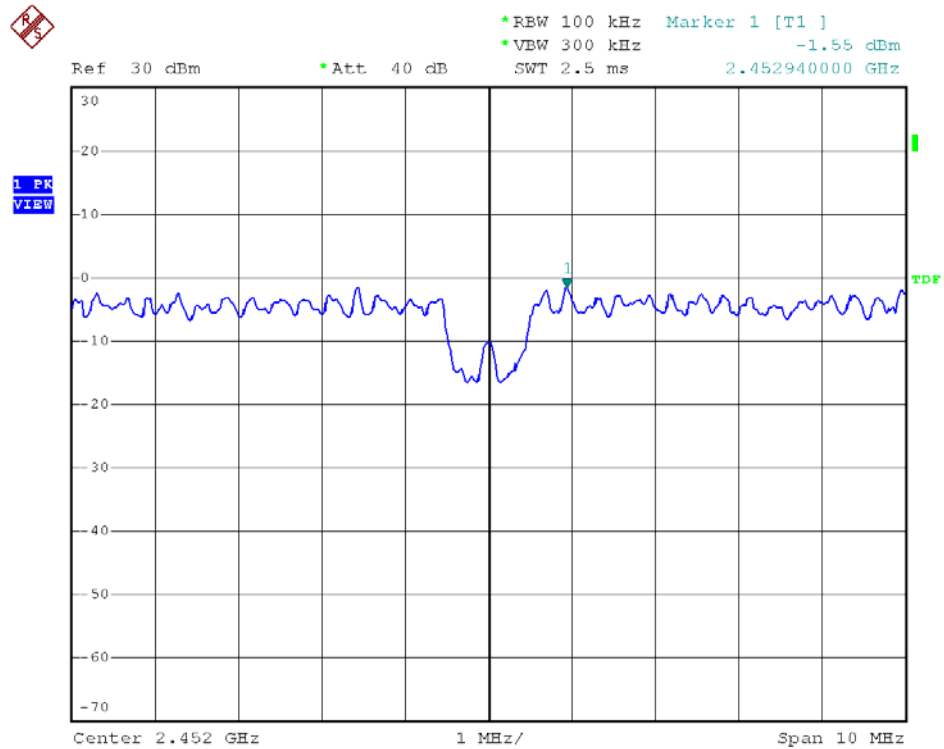




Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 06

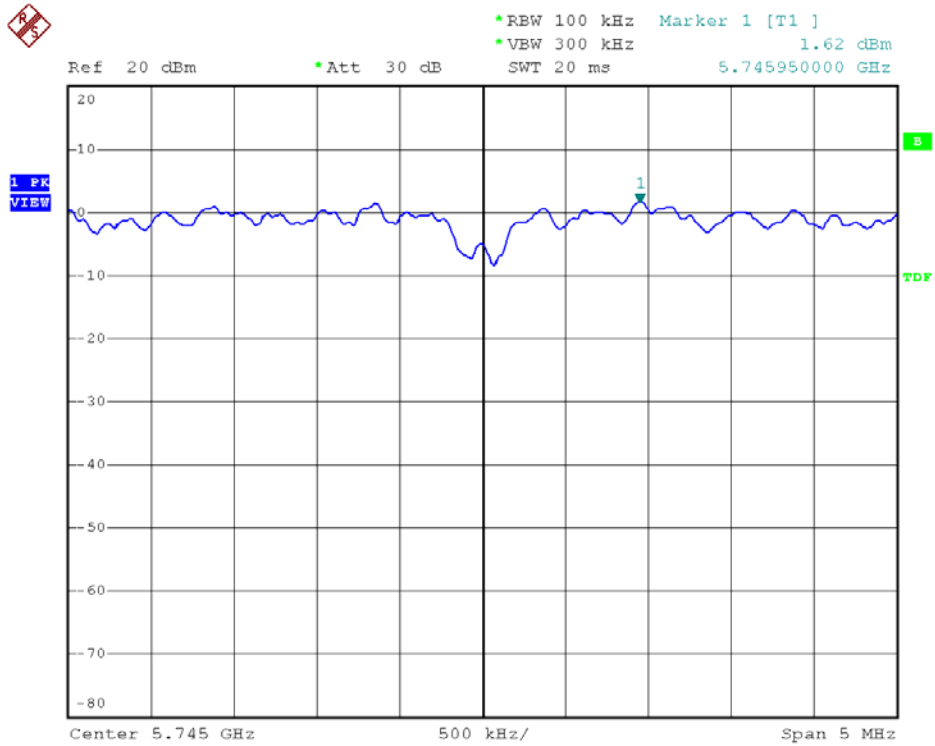


Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 09

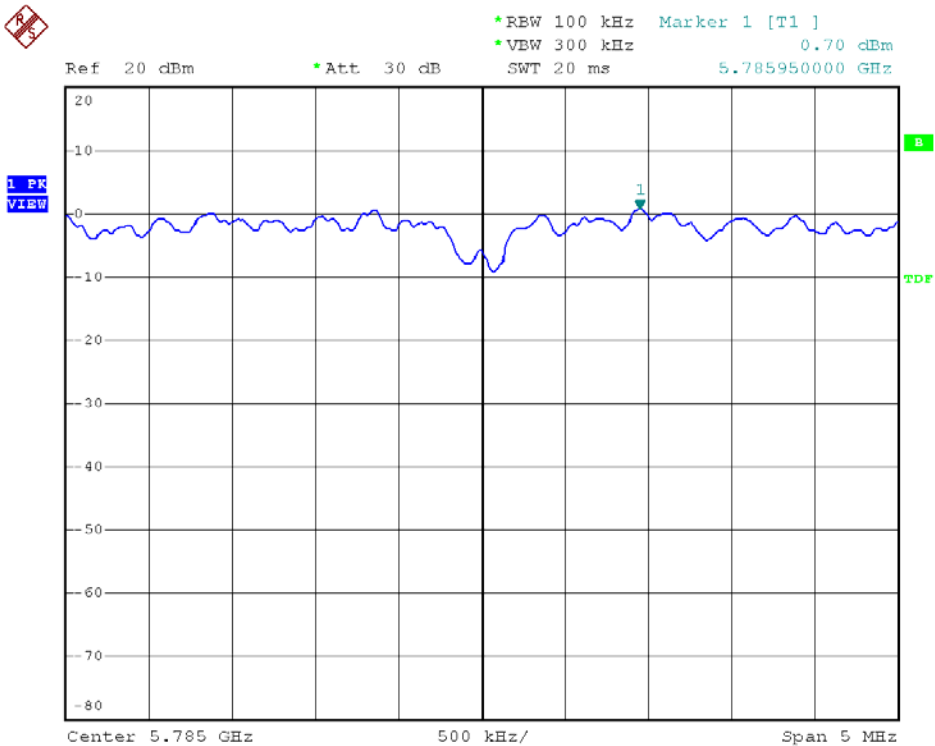




Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 149

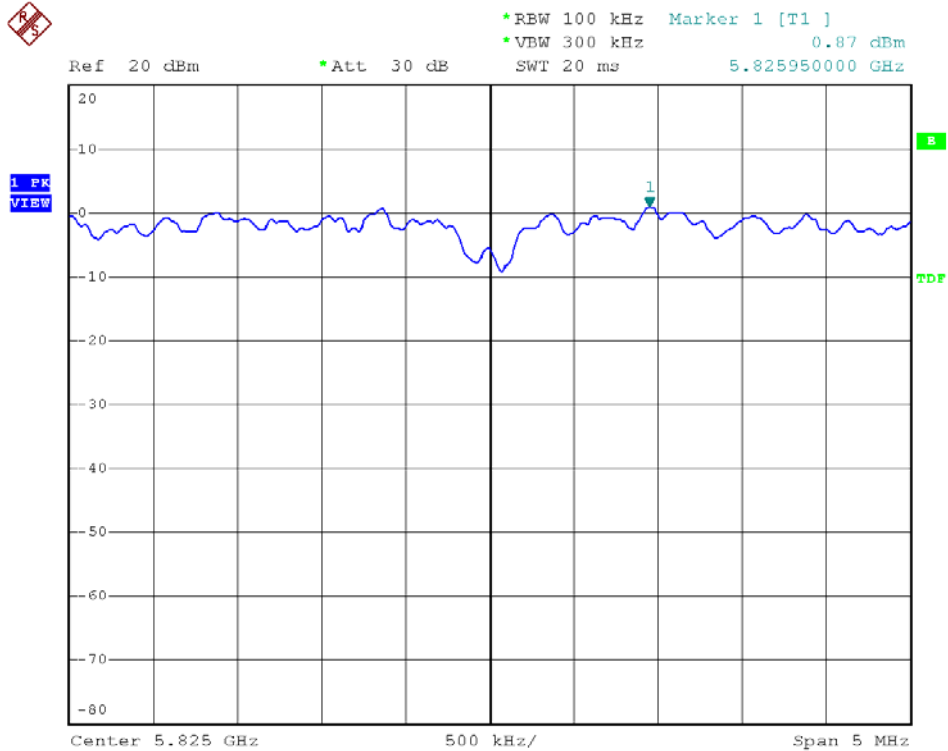


Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 157

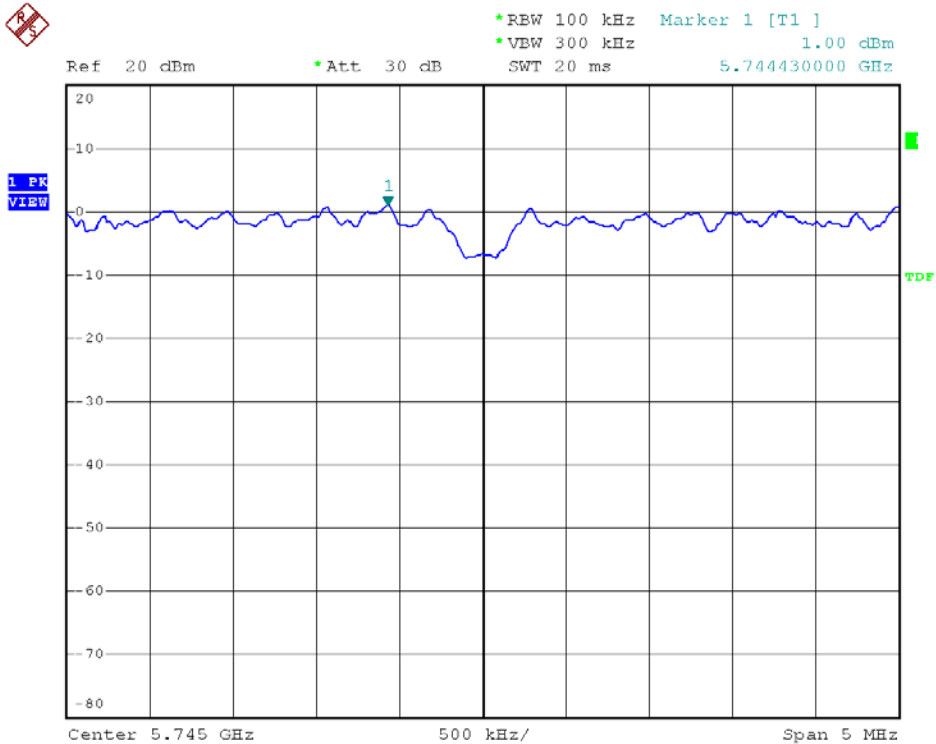




Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 165

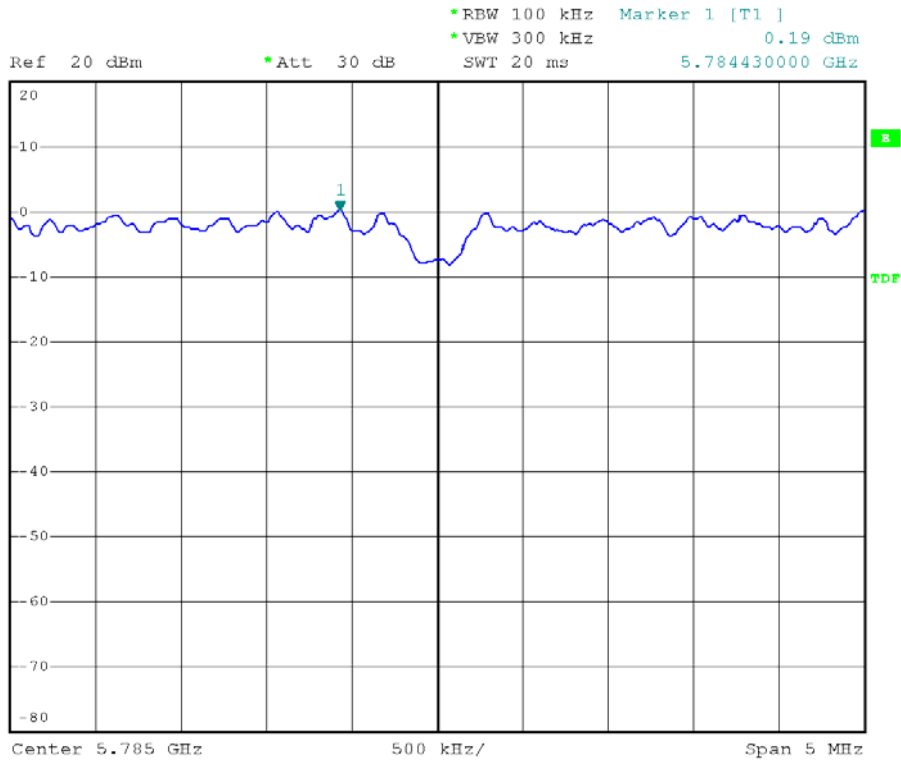


Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 149

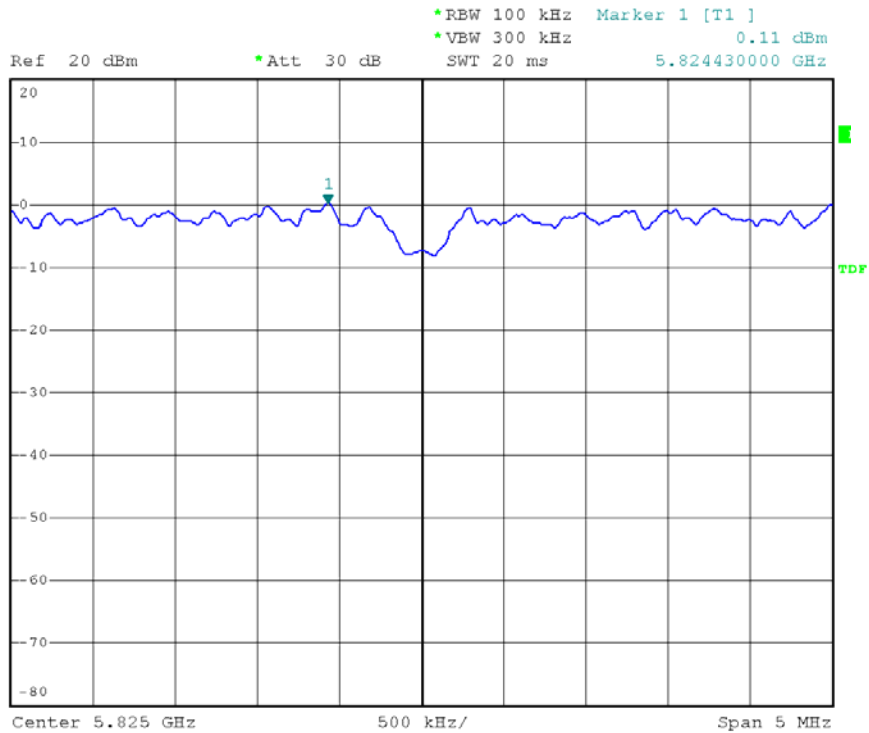




Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 157

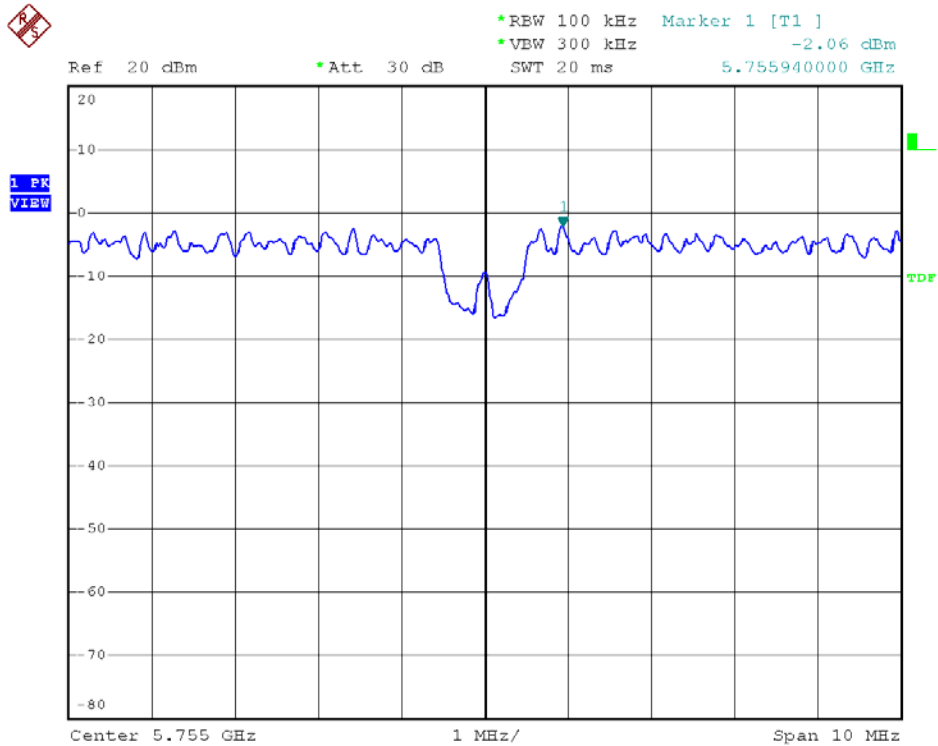


Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 165

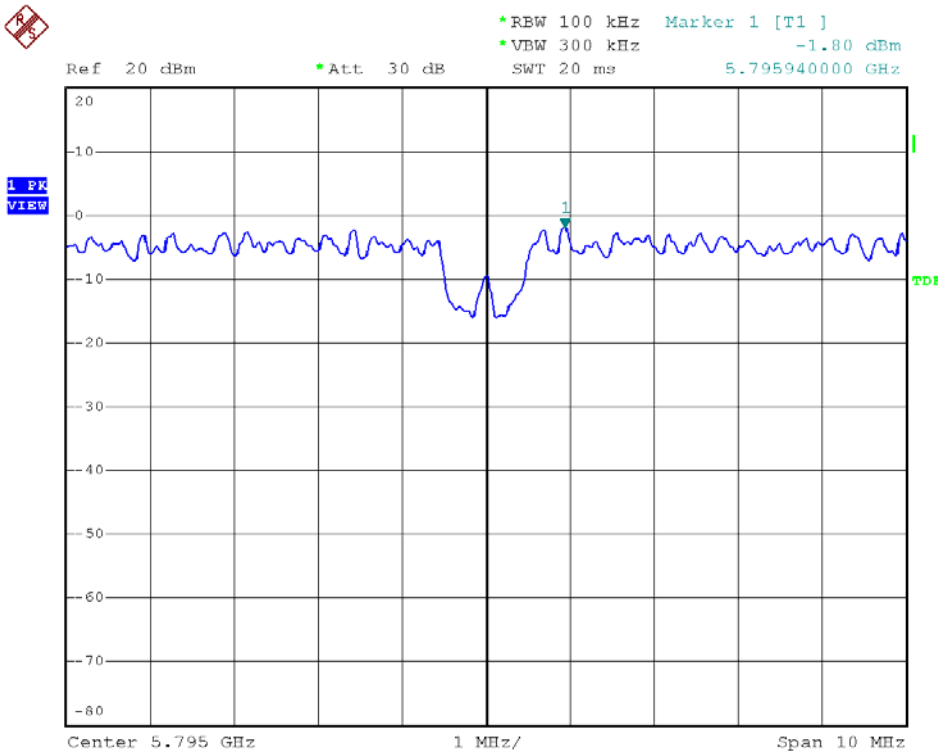




Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 159





9. Band Edges Measurement

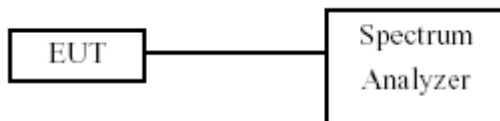
9.1 Test Limit

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	100219	2011/11/24	2012/11/23



9.5 Test Result and Data

Test Date: Jun. 01, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			ANT R	ANT L	ANT R	ANT L
802.11b (11Mbps)	01	2412	2399.80	2399.20	-42.61	-39.99
	11	2462	2498.90	2485.50	-46.47	-46.57
802.11g (54Mbps)	01	2412	2400.00	2399.60	-34.41	-30.21
	11	2462	2483.70	2483.90	-40.67	-41.23
802.11n HT20 (130Mbps)	01	2412	2399.80	2400.00	-36.16	-31.87
	11	2462	2483.50	2484.50	-40.79	-40.33
802.11n HT40 (270Mbps)	03	2422	2399.60	2399.80	-28.81	-36.55
	09	2452	2483.70	2485.50	-37.57	-34.58

Test Date: Jun. 01, 2012

Temperature: 25°C

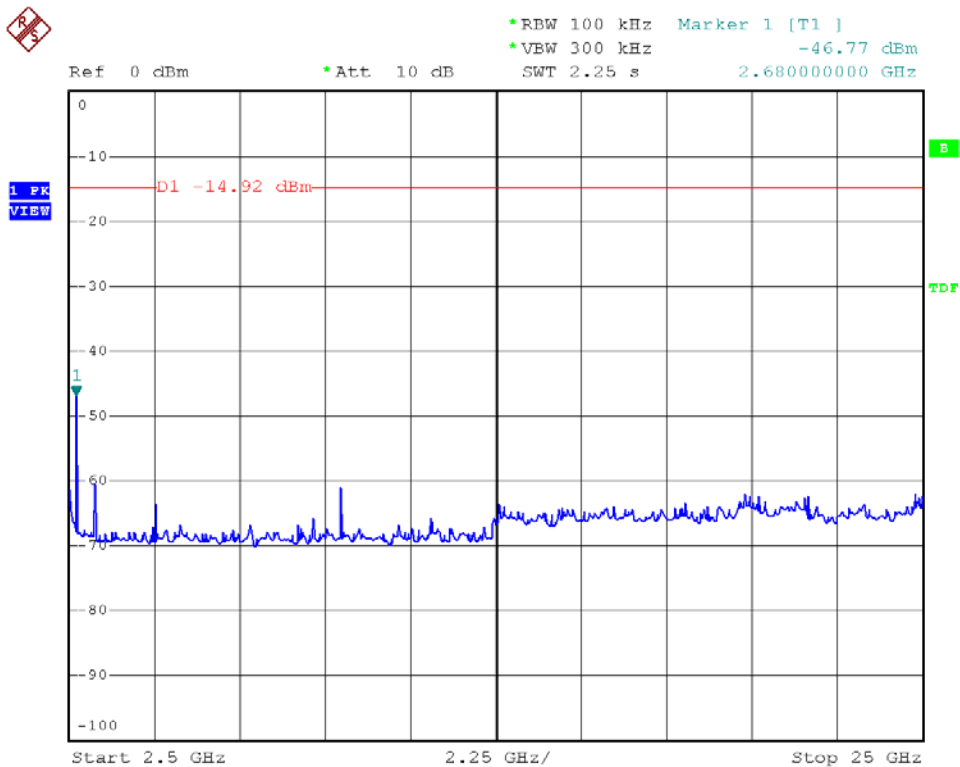
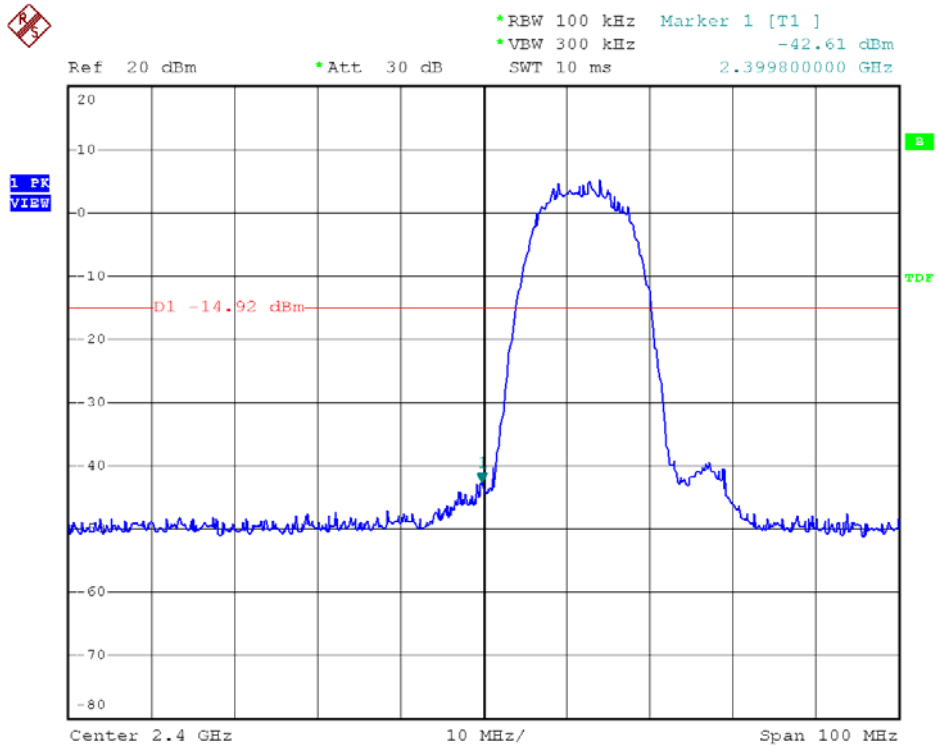
Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			ANT R	ANT L	ANT R	ANT L
802.11a (54Mbps)	149	5745	5724.80	5725.00	-37.57	-29.05
	165	5825	5850.00	5850.40	-44.18	-43.66
802.11an HT20 (130Mbps)	149	5745	5725.00	5725.00	-37.91	-30.80
	165	5825	5850.80	5850.00	-43.67	-42.48
802.11an HT40 (270Mbps)	151	5755	5722.00	5722.80	-35.58	-28.69
	159	5795	5850.40	5850.00	-48.24	-49.86

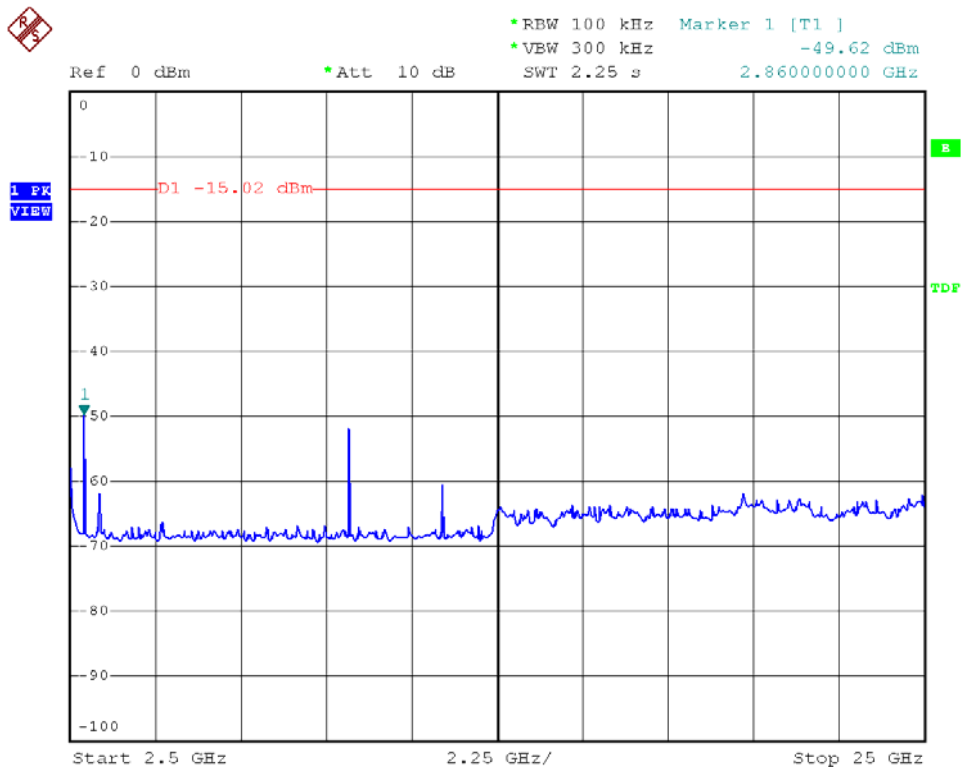
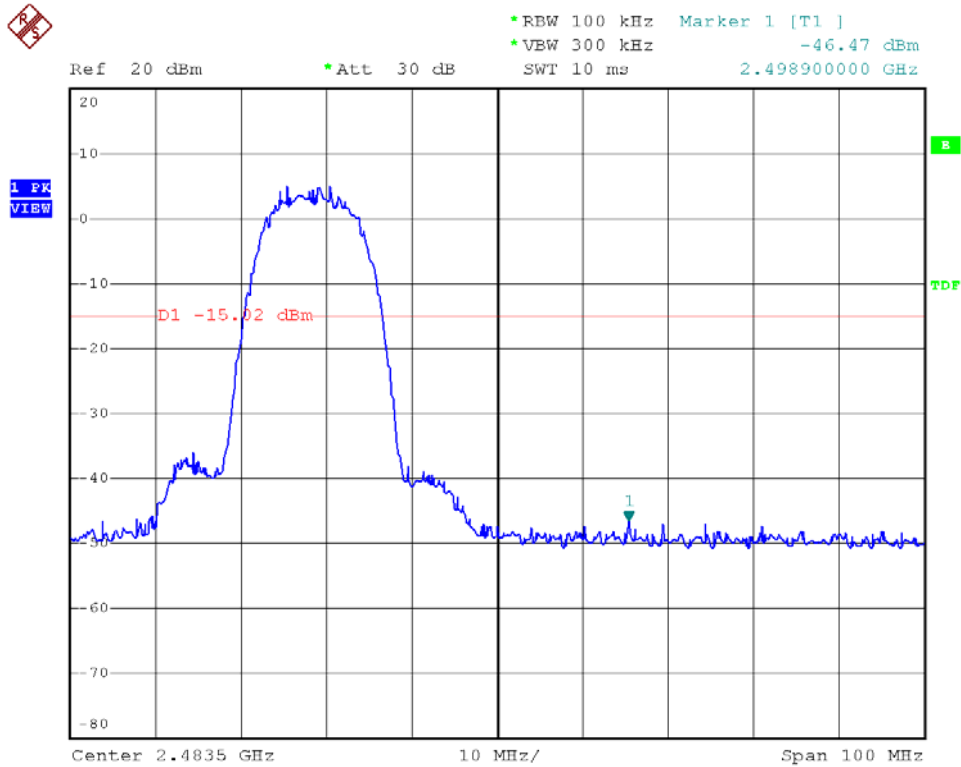


Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 01



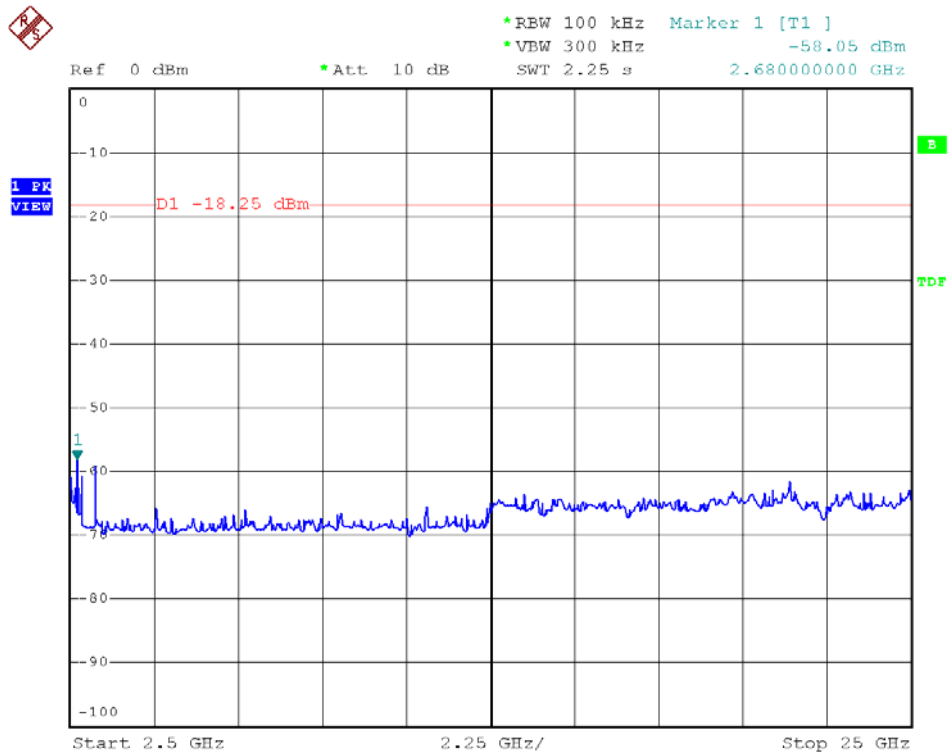
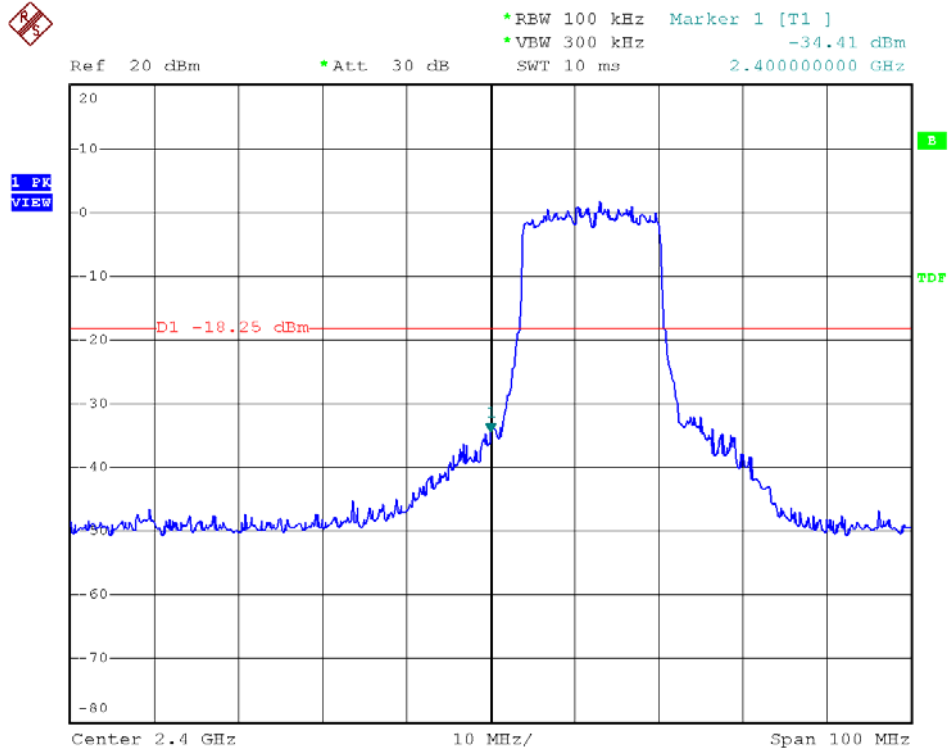


Modulation Standard: 802.11b (11Mbps), ANT R
Channel: 11



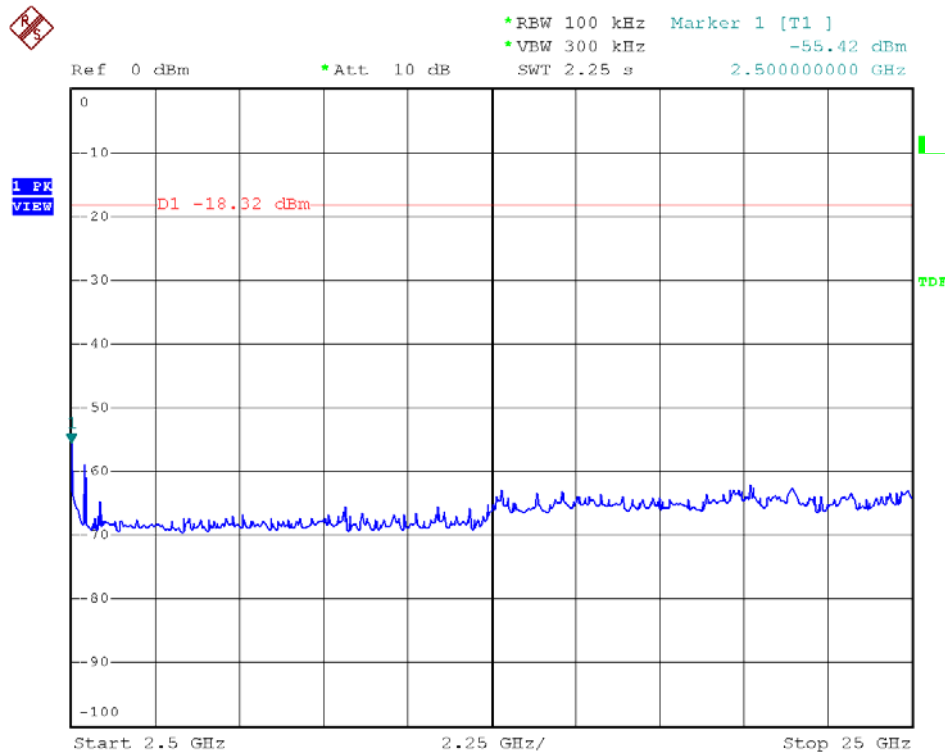
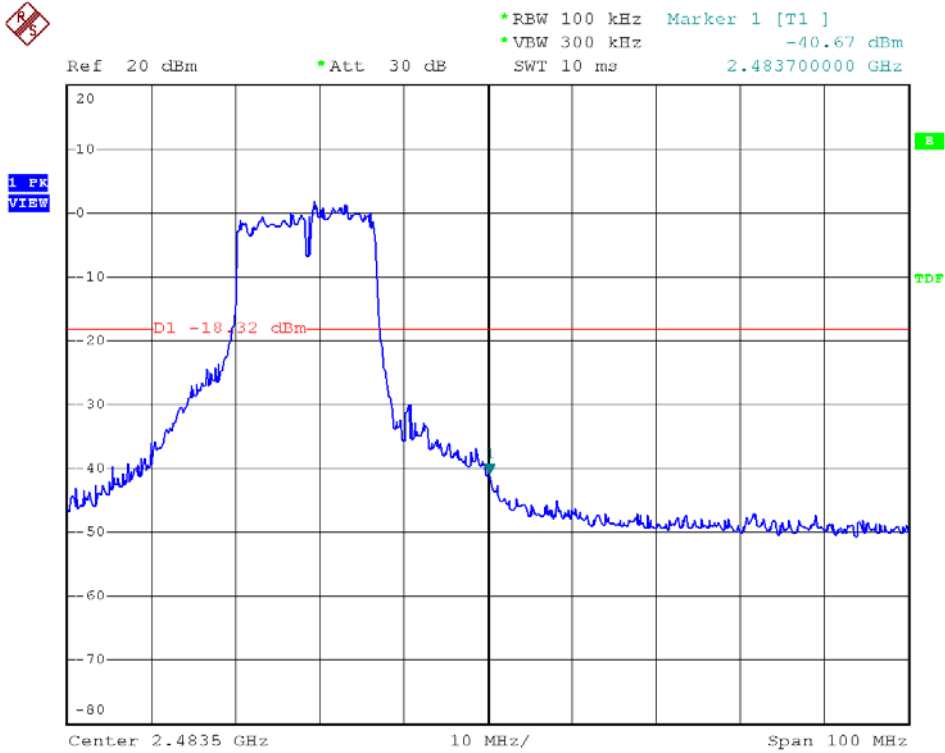


Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 01



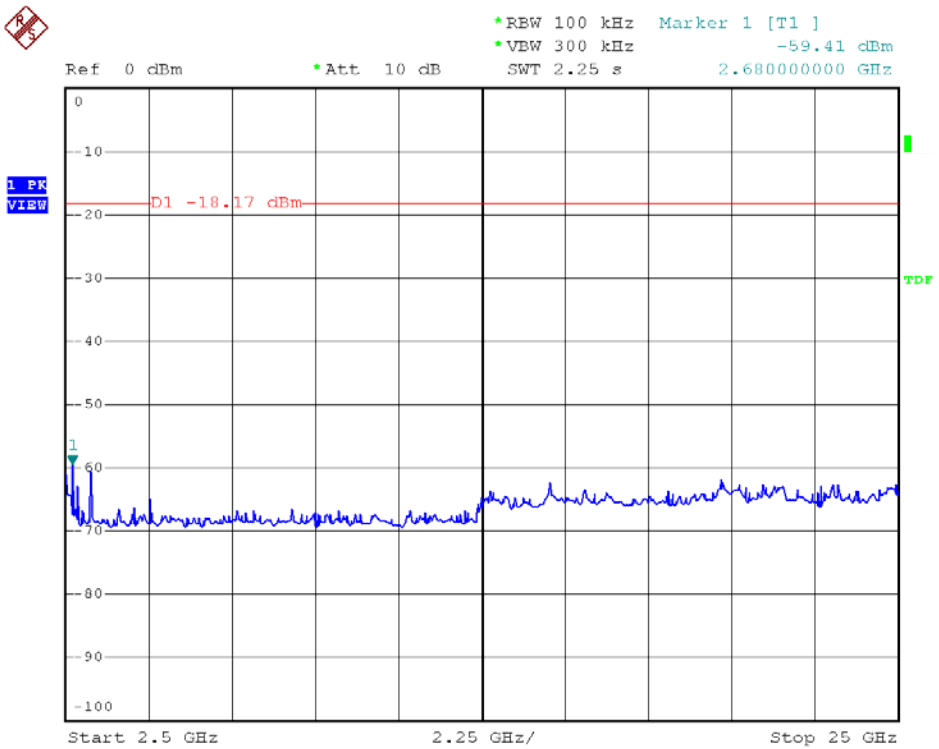
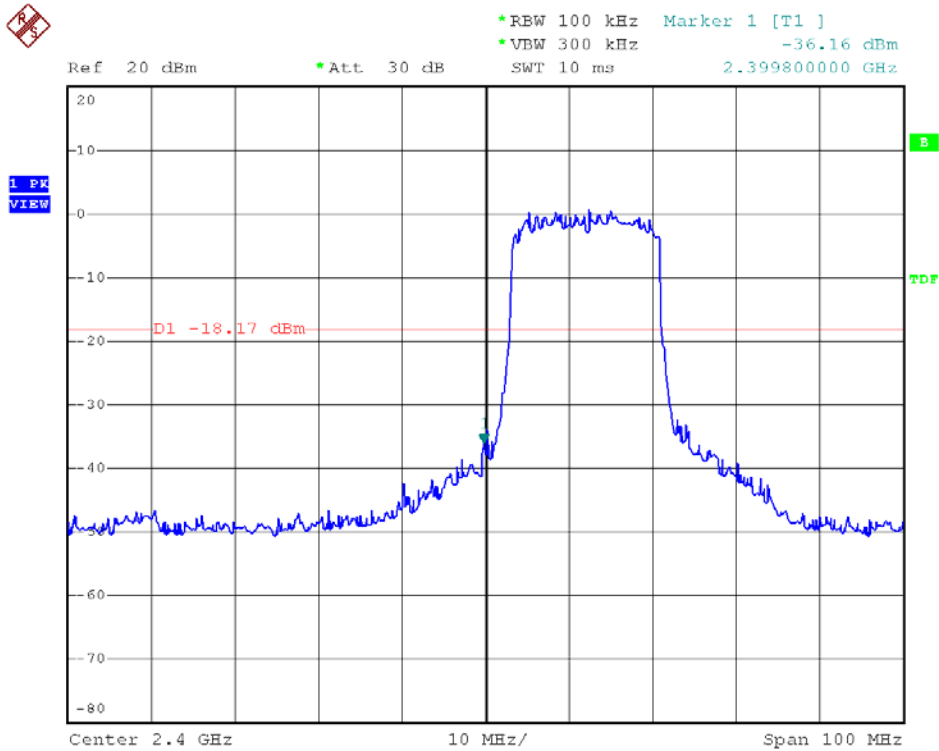


Modulation Standard: 802.11g (54Mbps), ANT R
Channel: 11



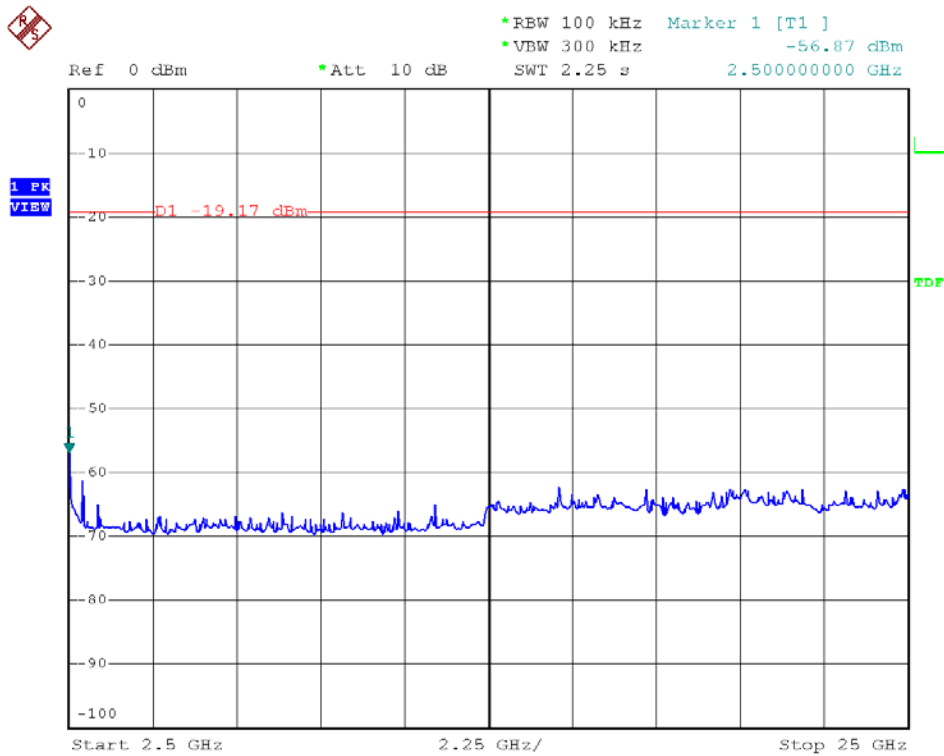
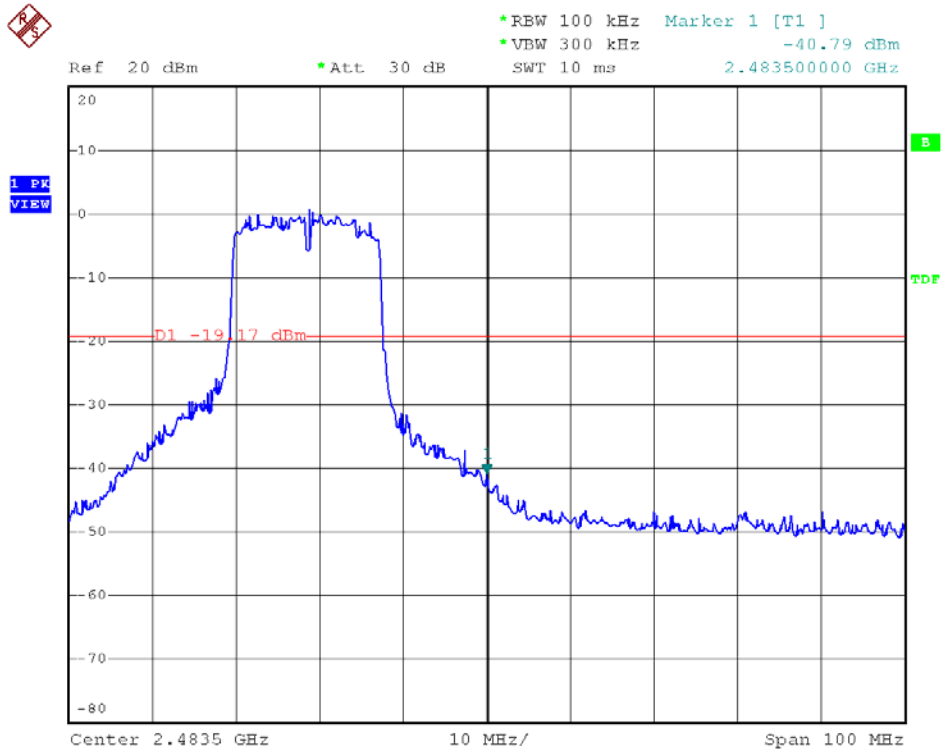


Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 01



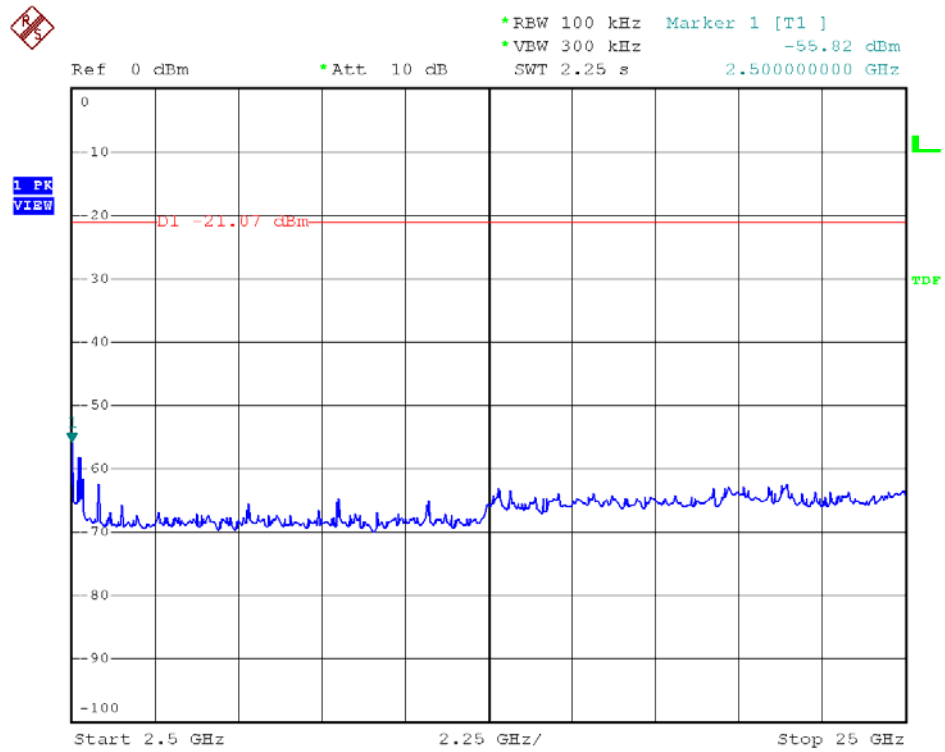
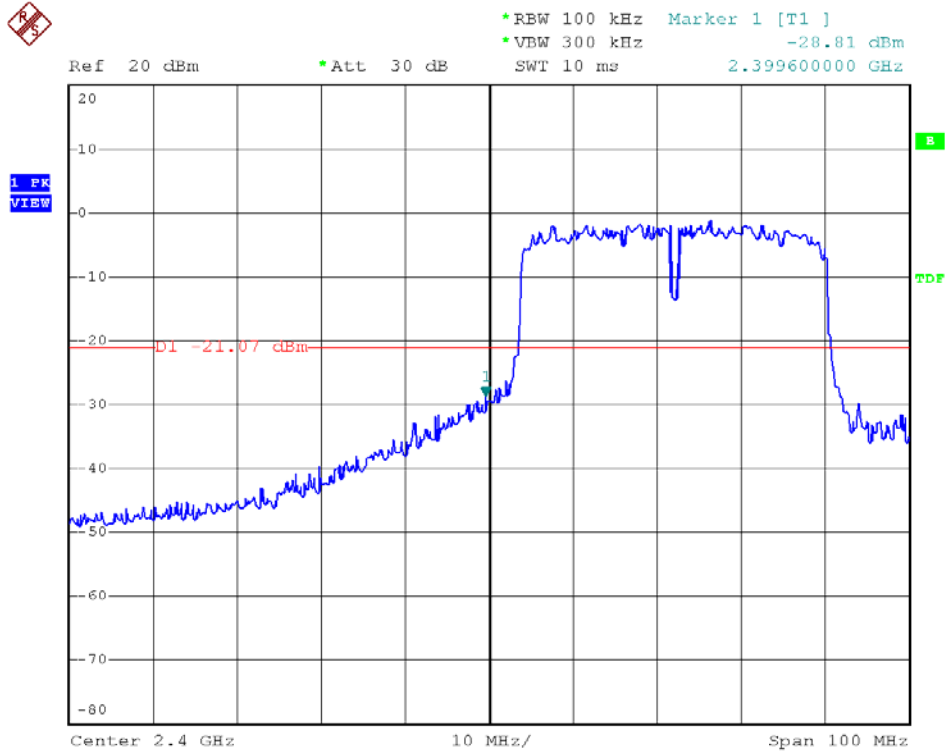


Modulation Standard: 802.11n HT20 (130Mbps), ANT R
Channel: 11



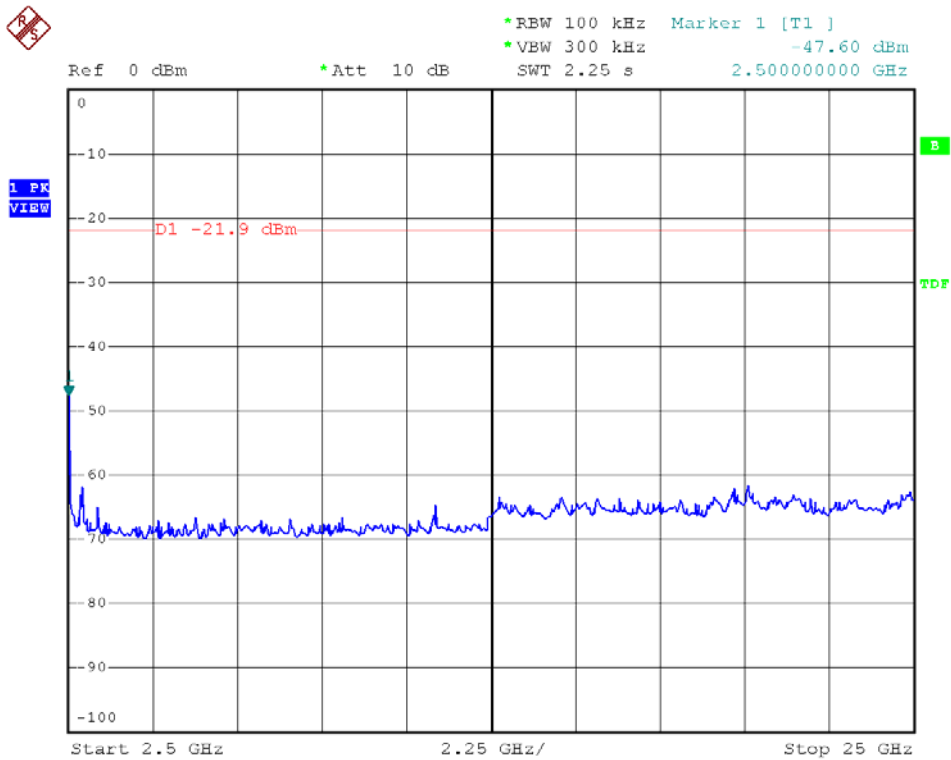
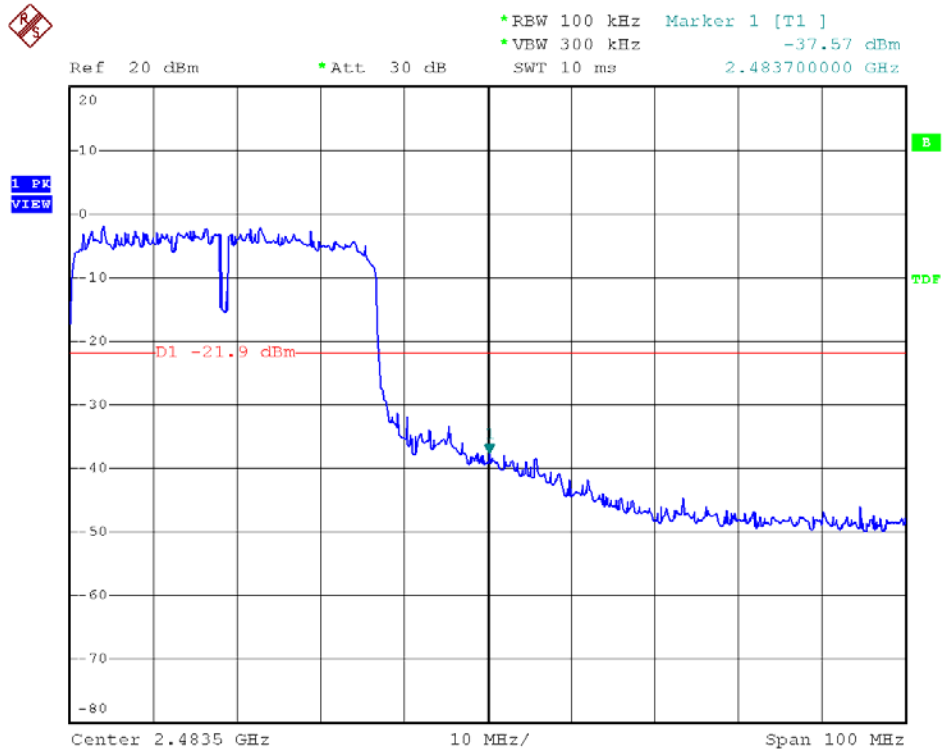


Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 03



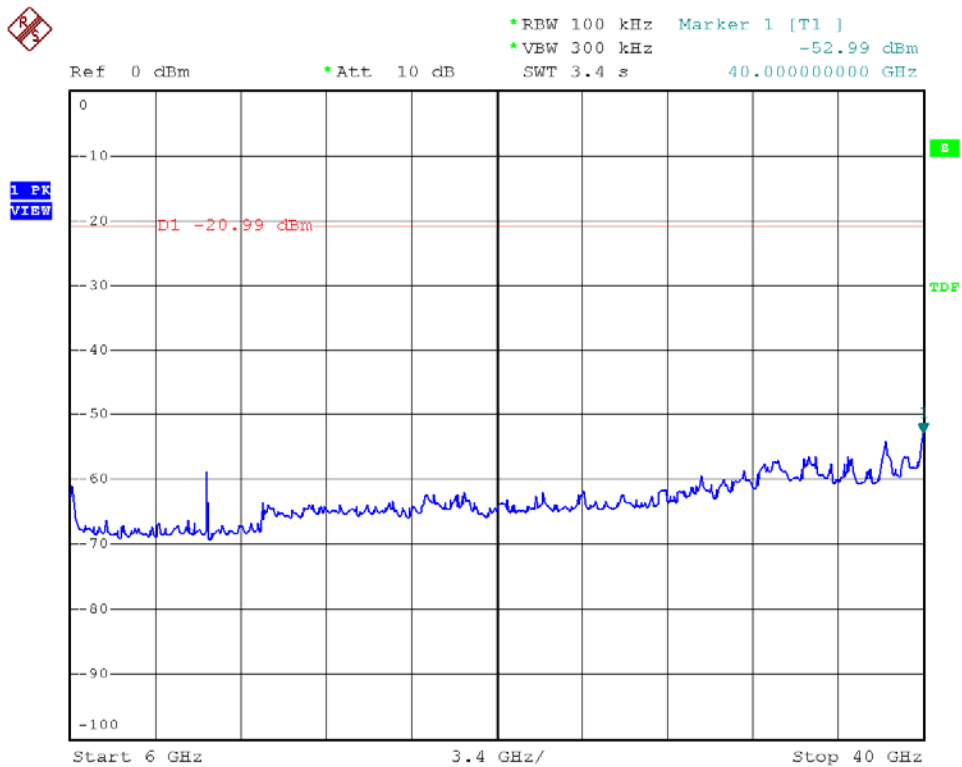
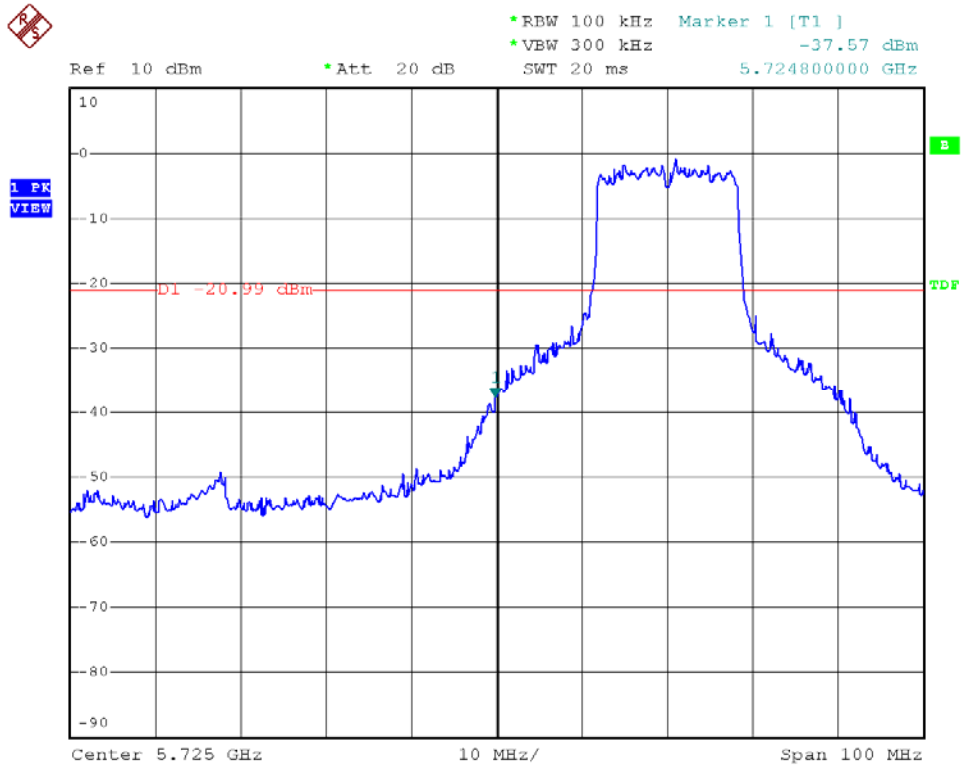


Modulation Standard: 802.11n HT40 (270Mbps), ANT R
Channel: 09



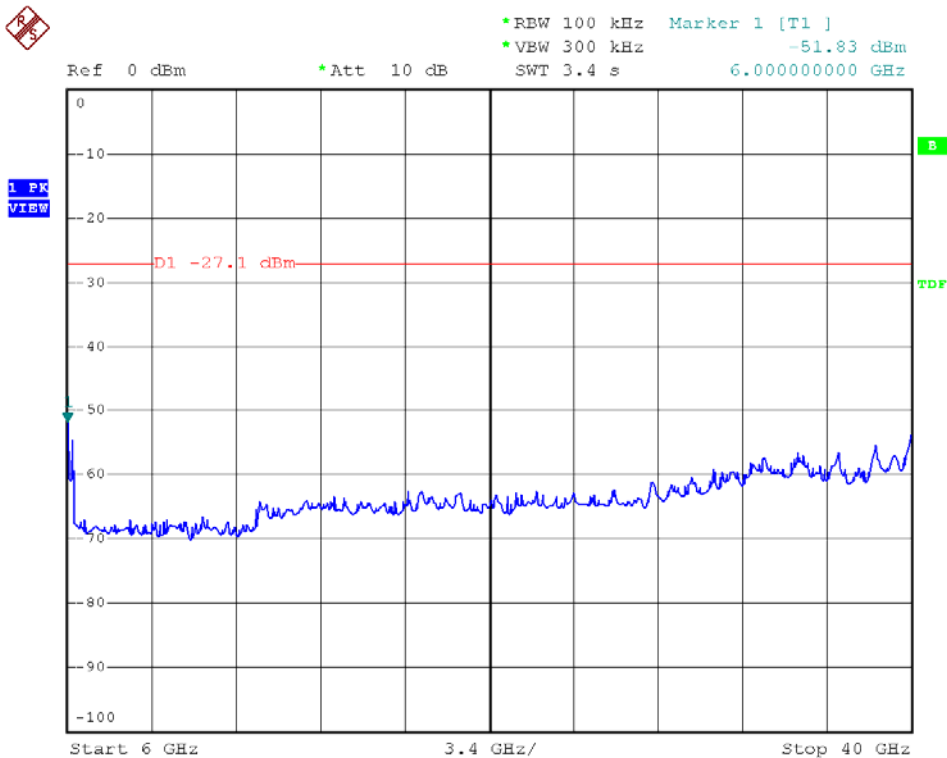
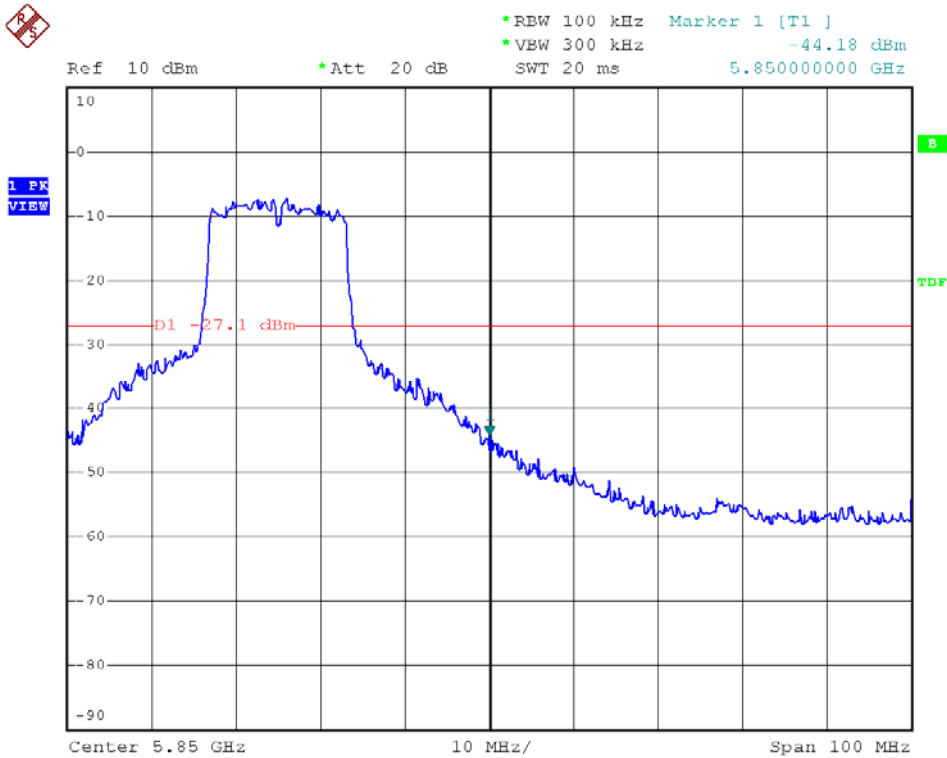


Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 149



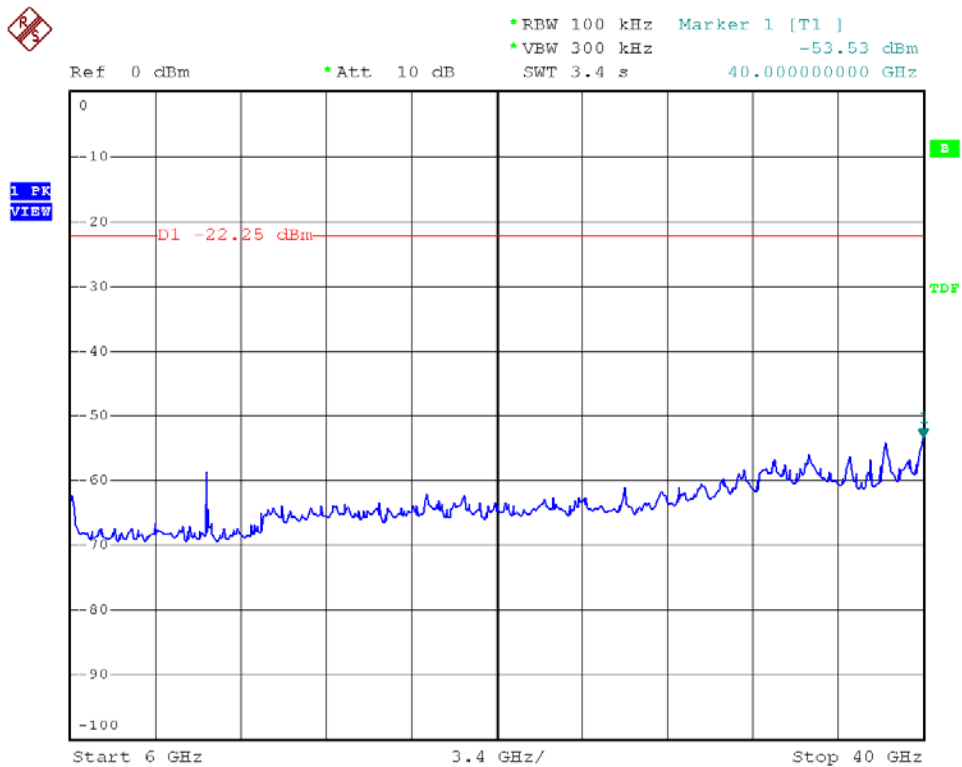
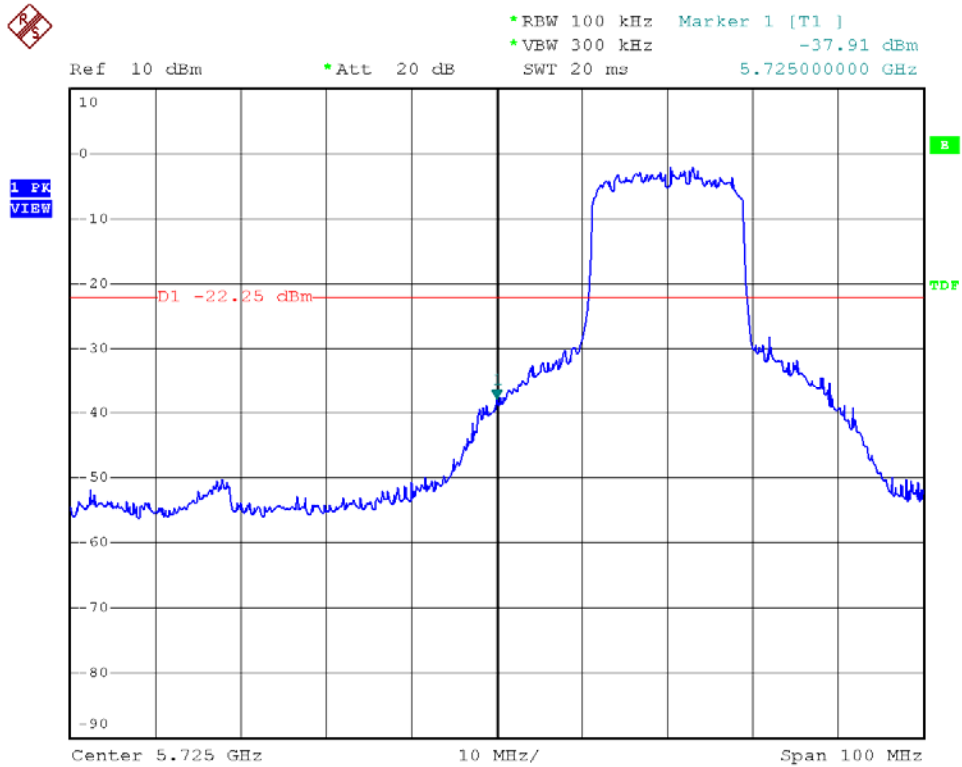


Modulation Standard: 802.11a (54Mbps), ANT R
Channel: 165



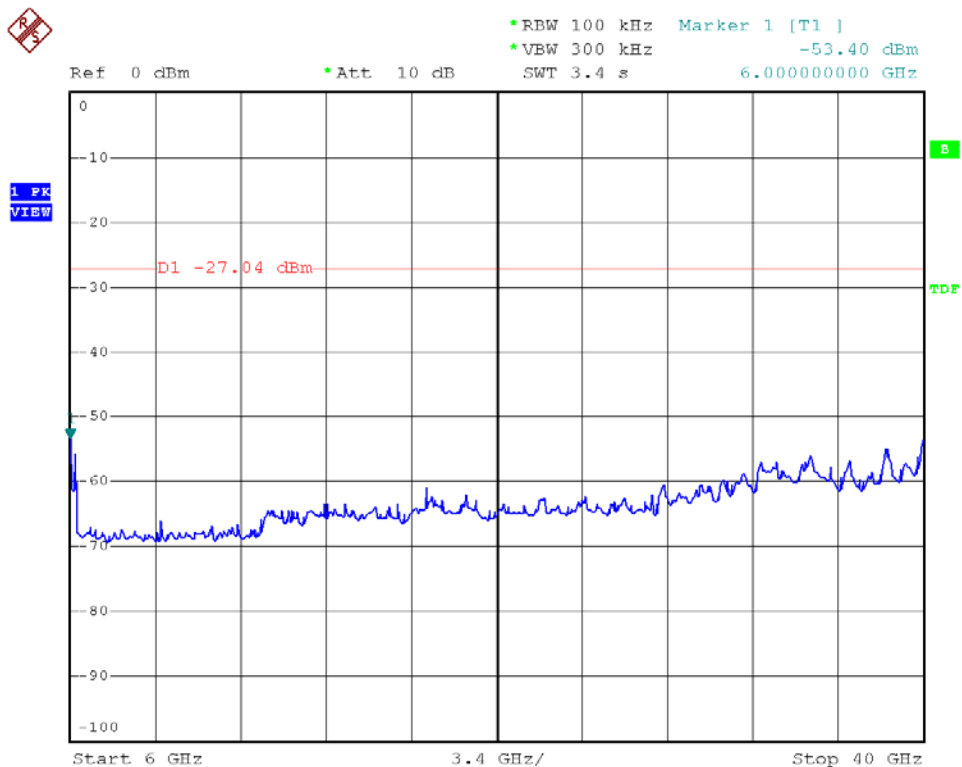
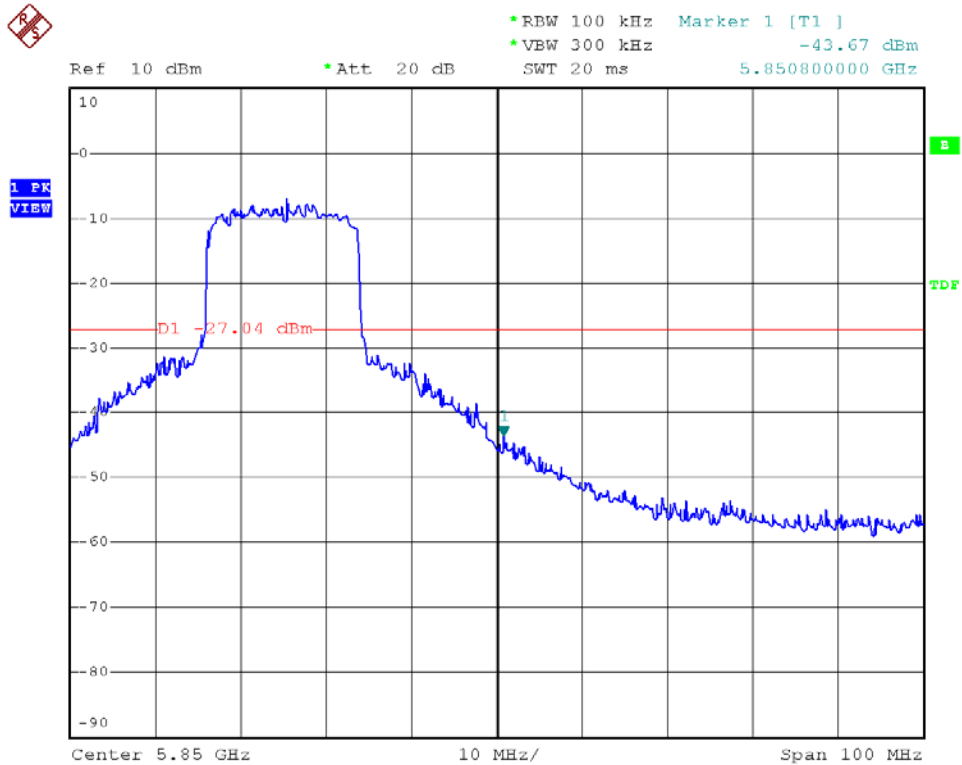


Modulation Standard: 802.11an (130Mbps), ANT R
Channel: 149



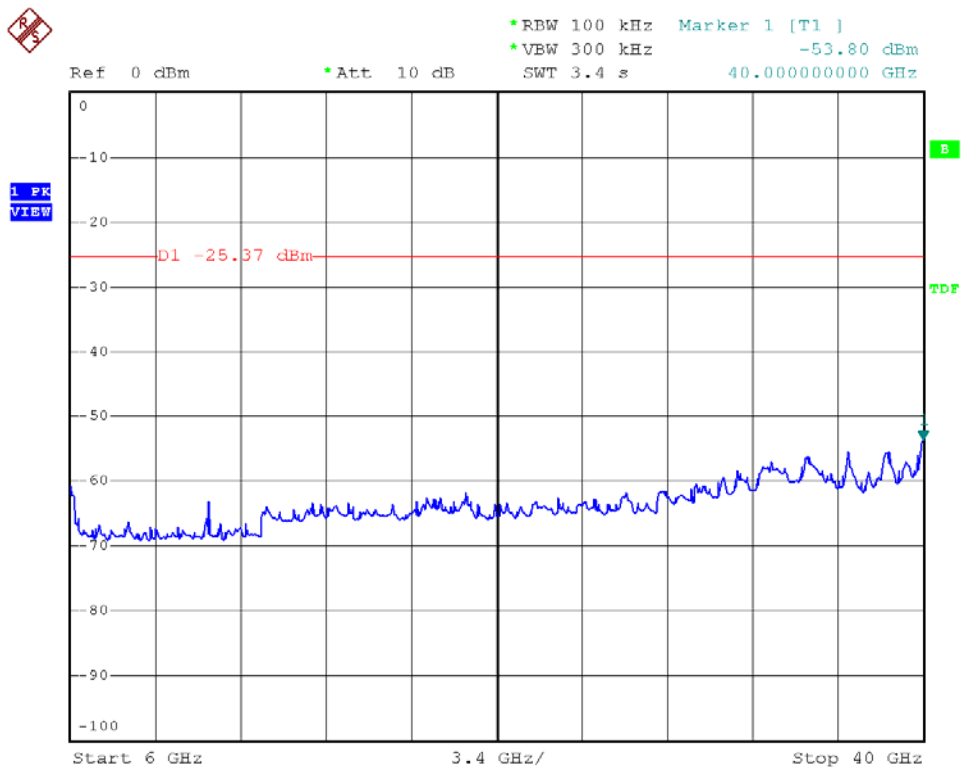
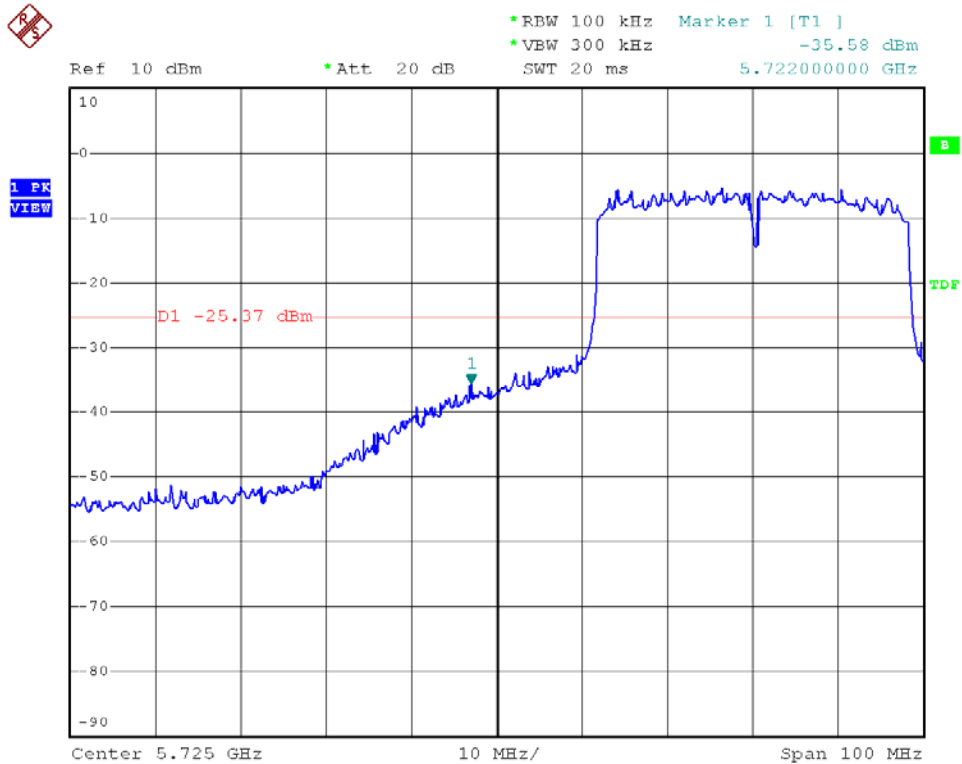


Modulation Standard: 802.11an HT20 (130Mbps), ANT R
Channel: 165



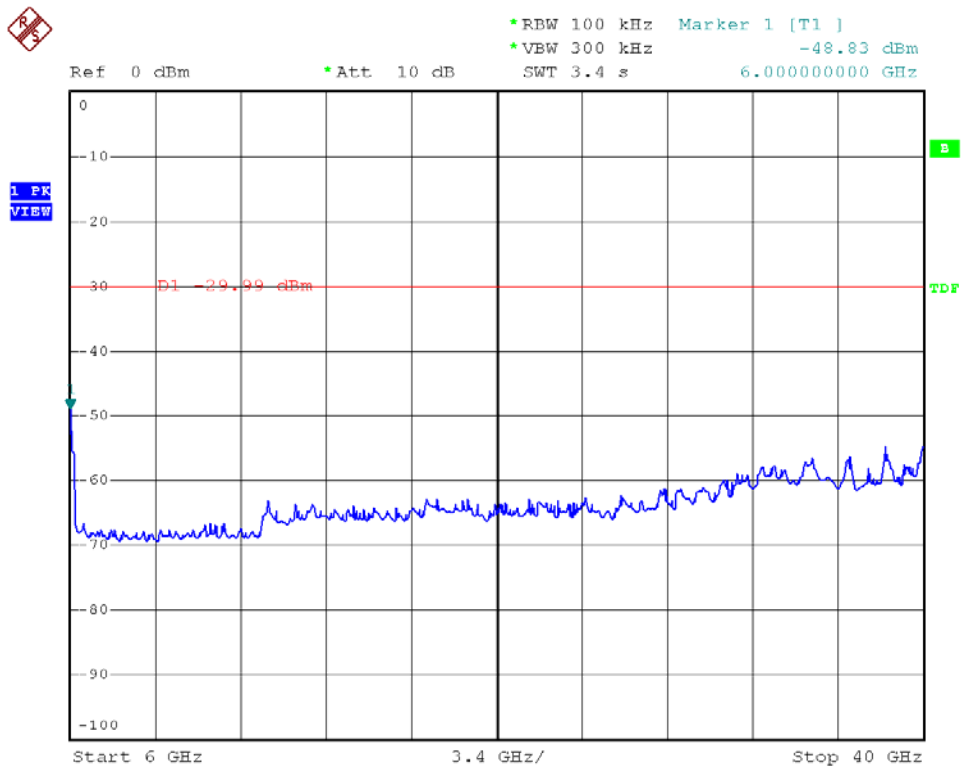
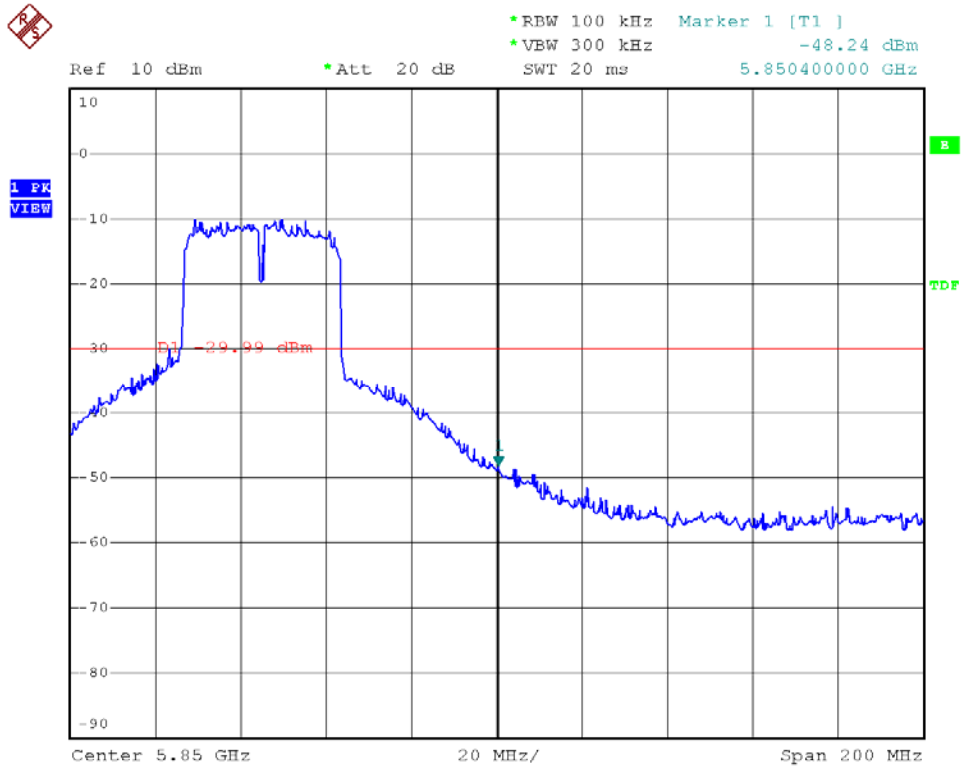


Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 151



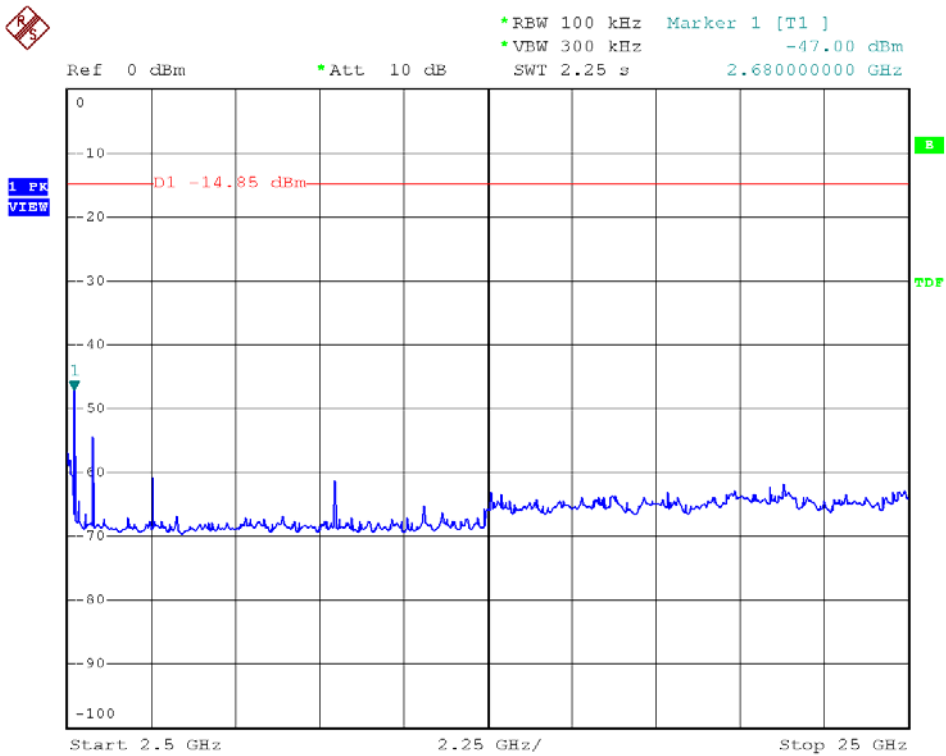
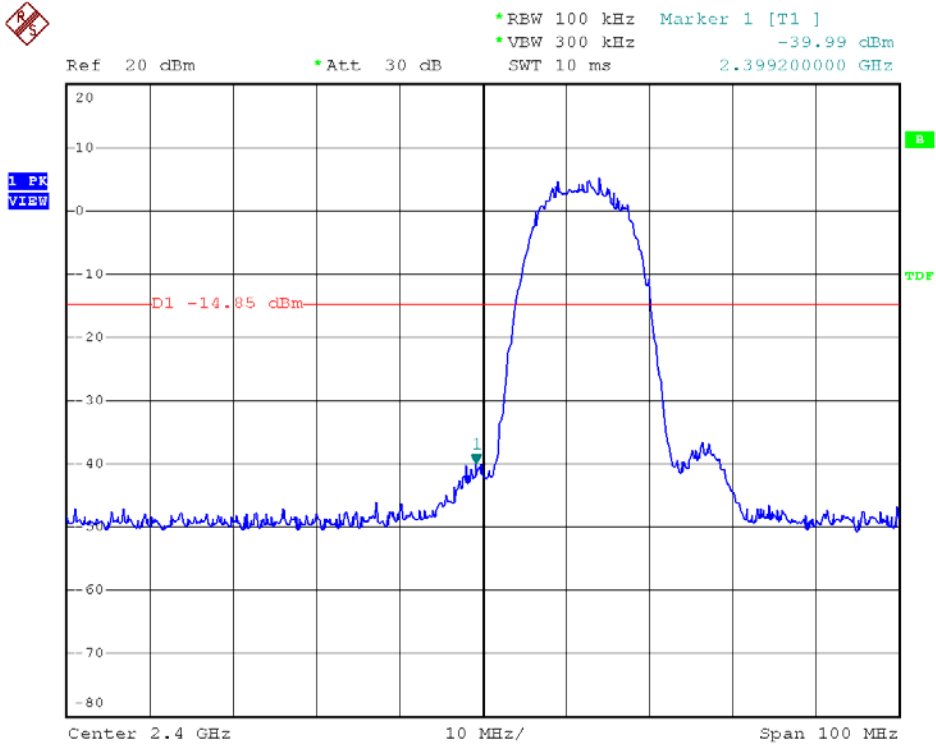


Modulation Standard: 802.11an HT40 (270Mbps), ANT R
Channel: 159



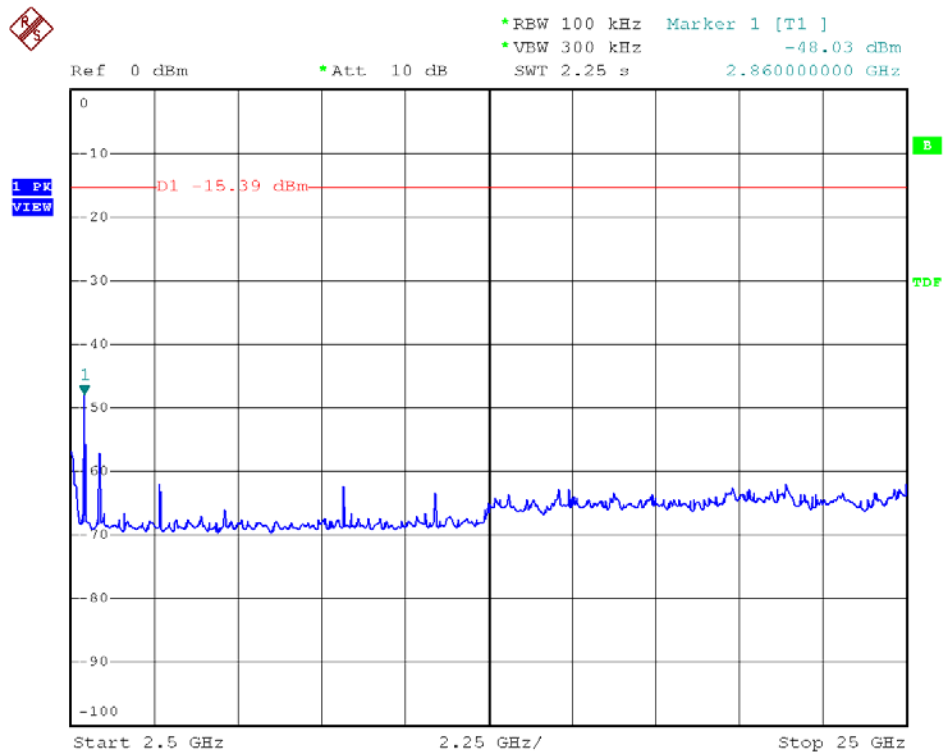
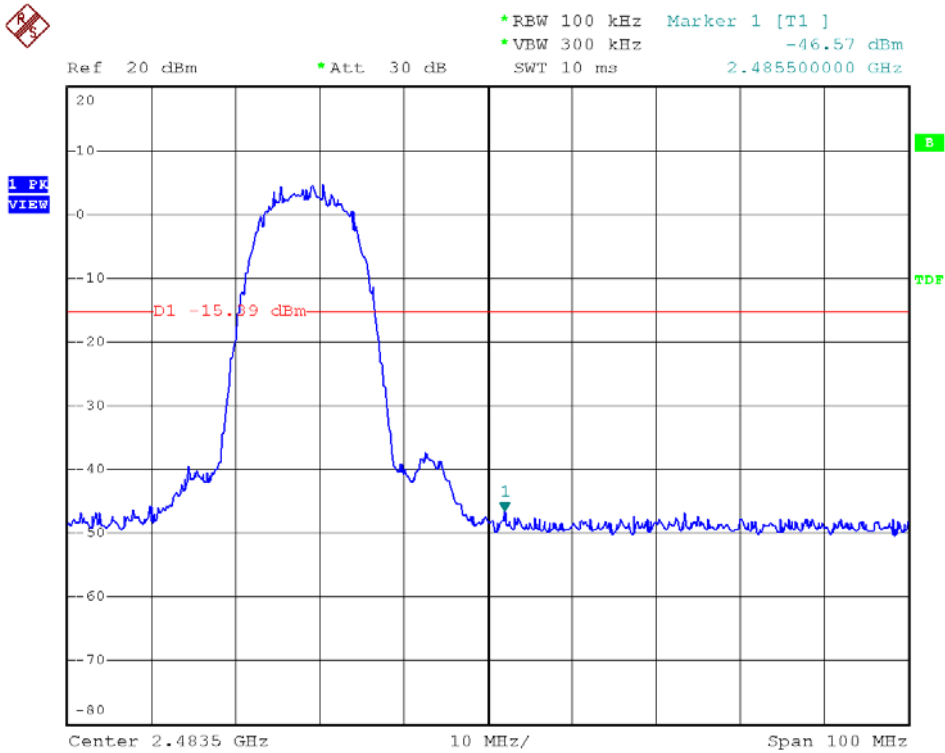


Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 01



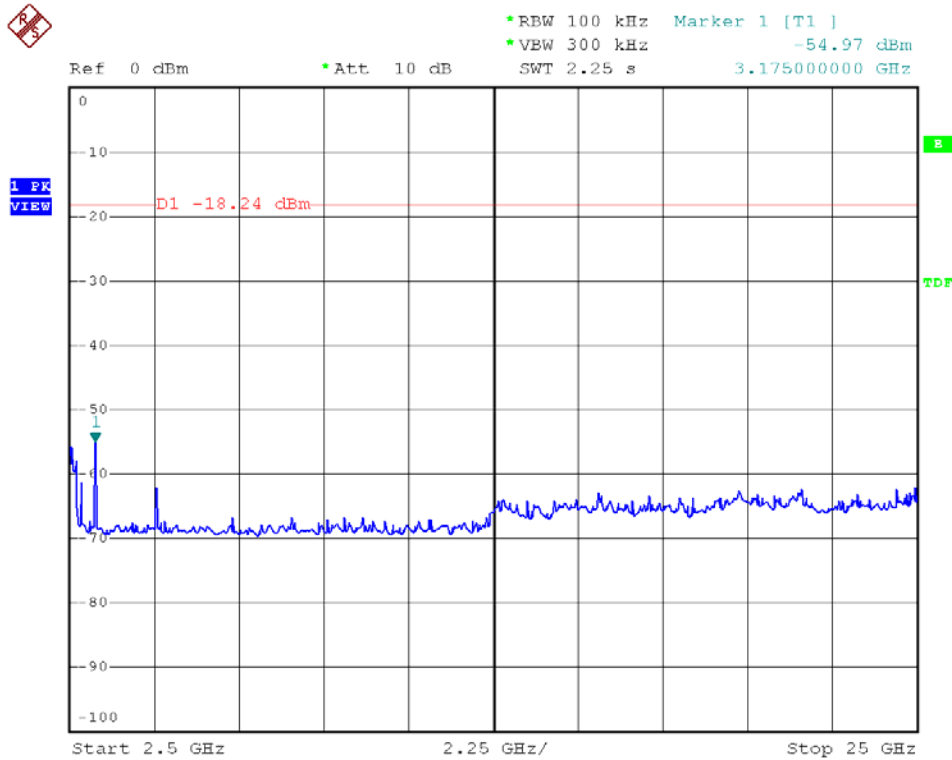
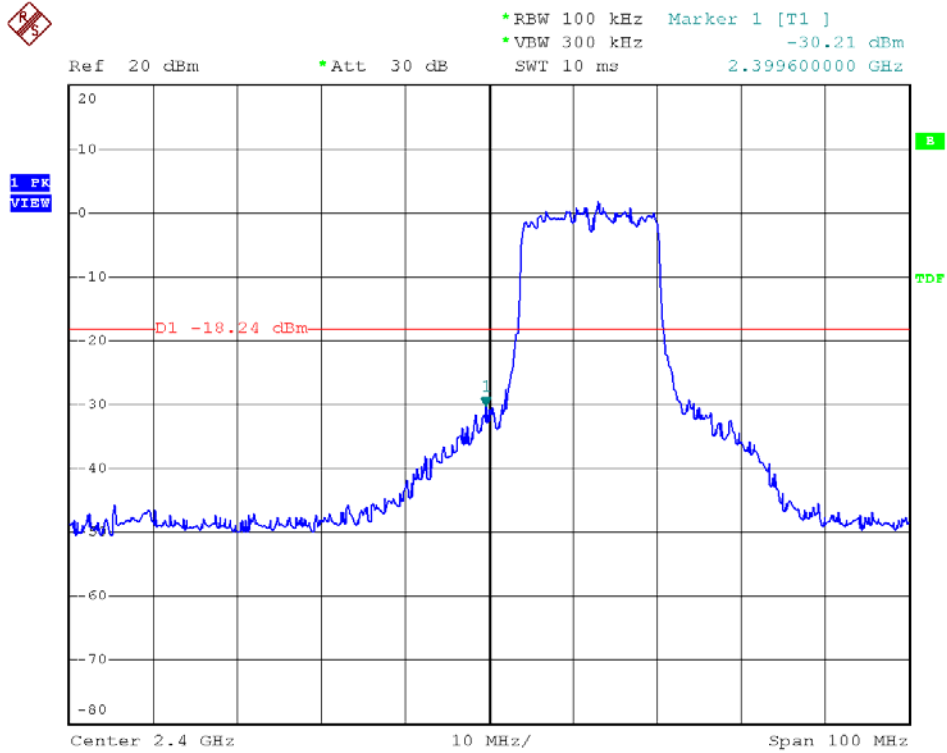


Modulation Standard: 802.11b (11Mbps), ANT L
Channel: 11



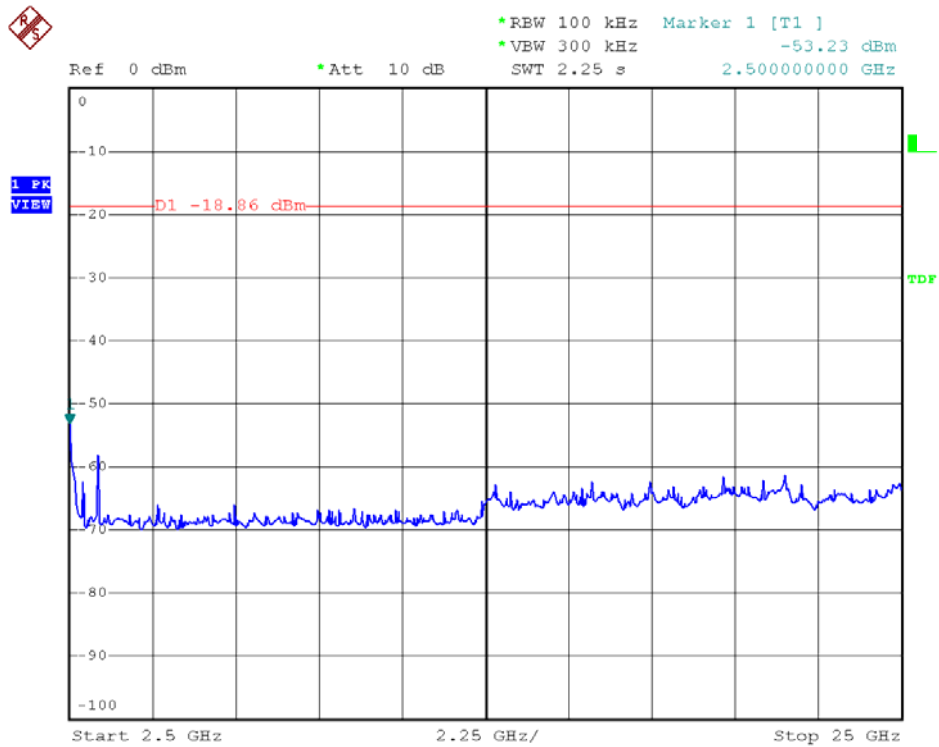
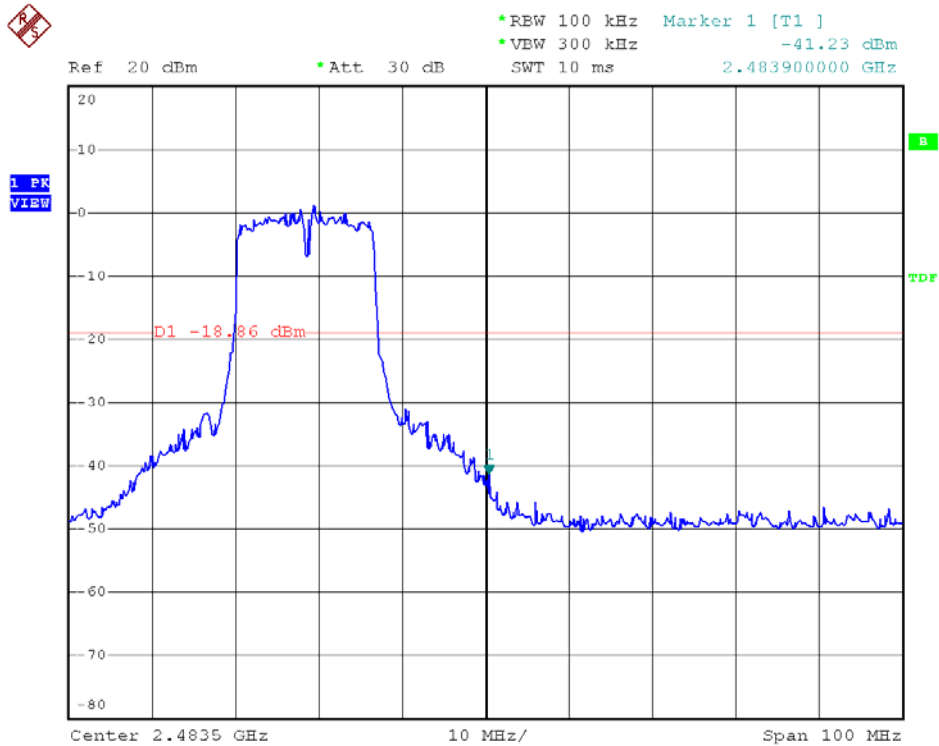


Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 01



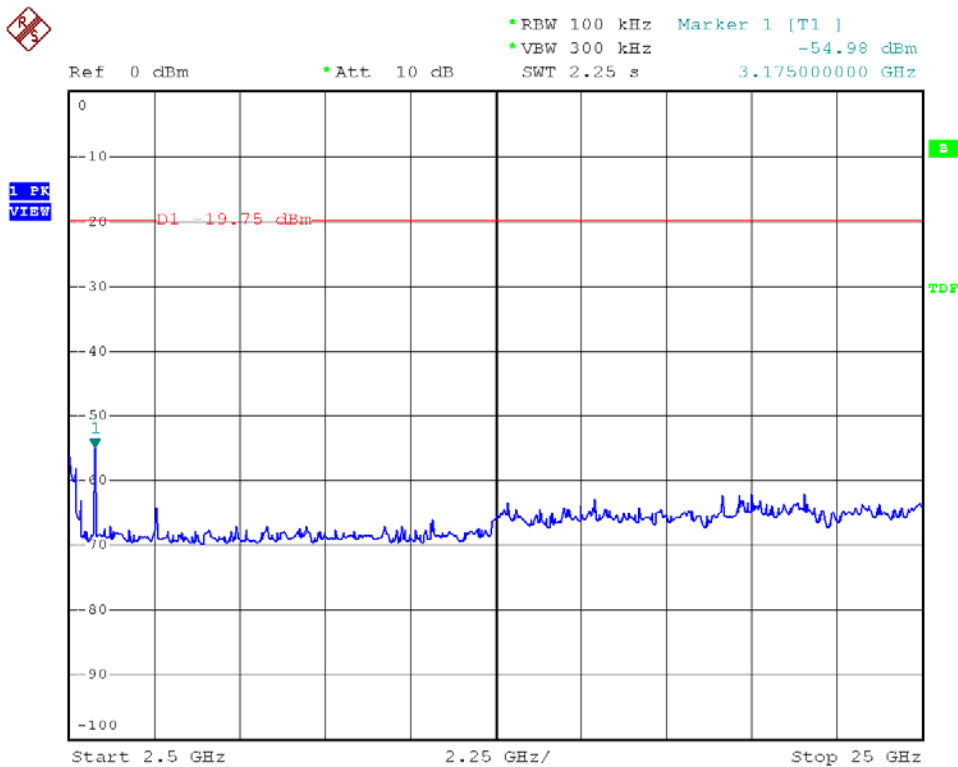
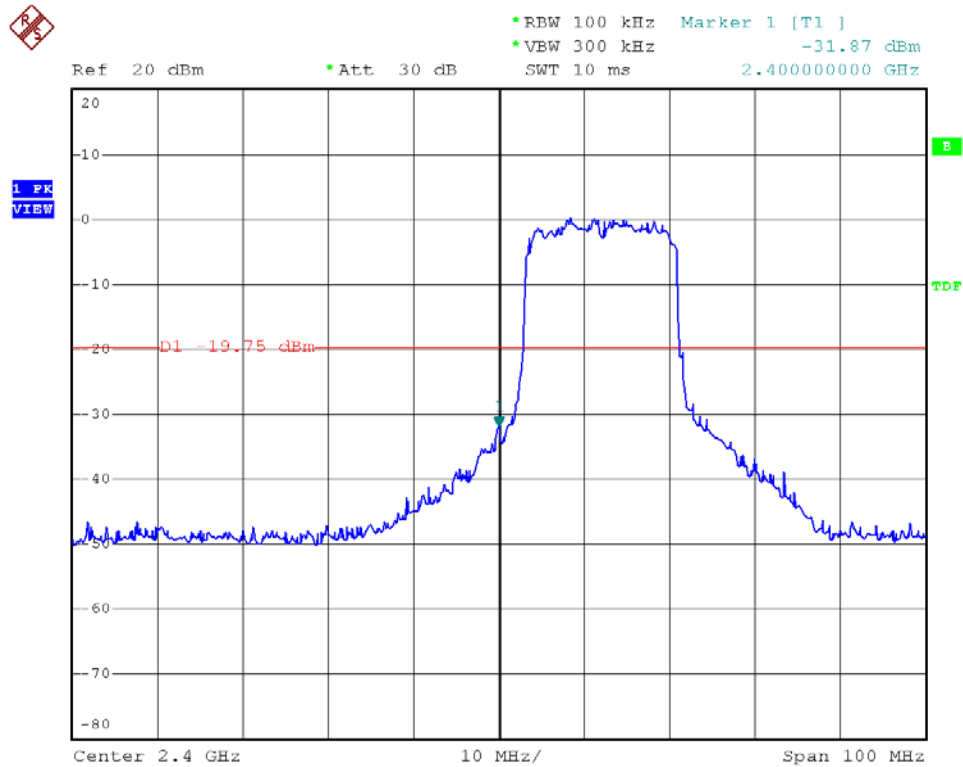


Modulation Standard: 802.11g (54Mbps), ANT L
Channel: 11



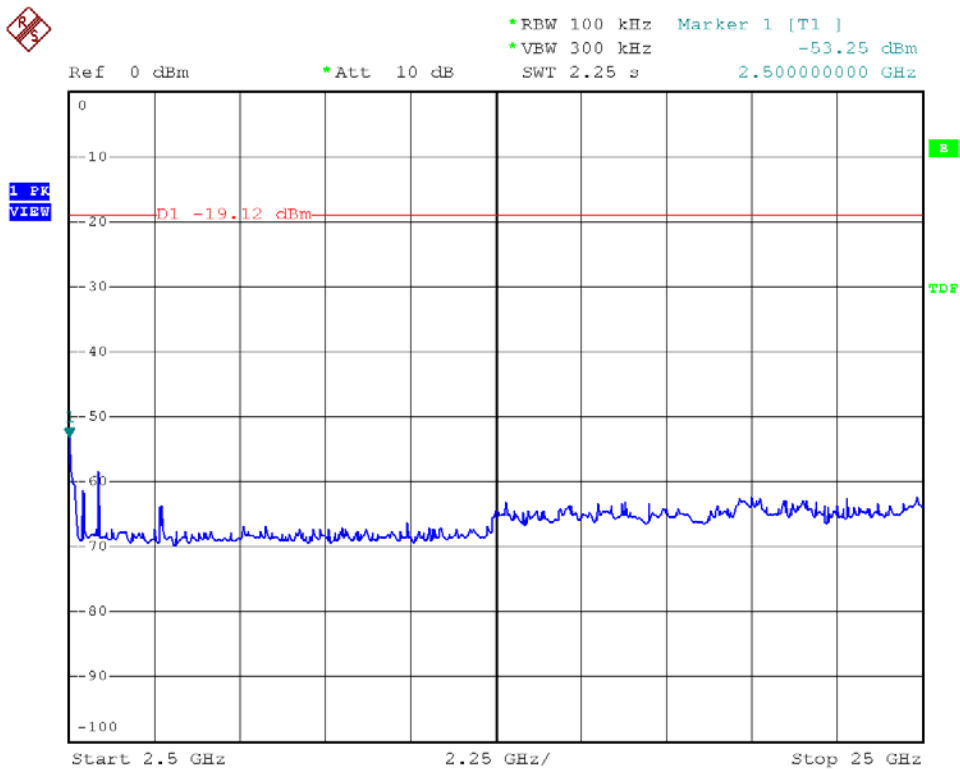
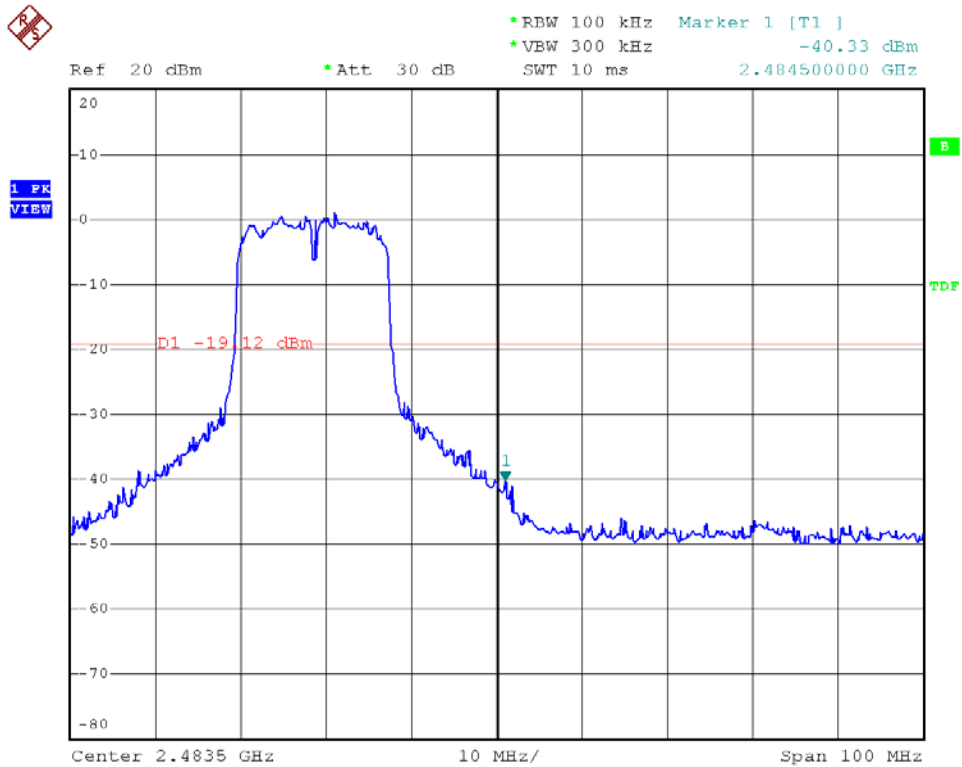


Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 01



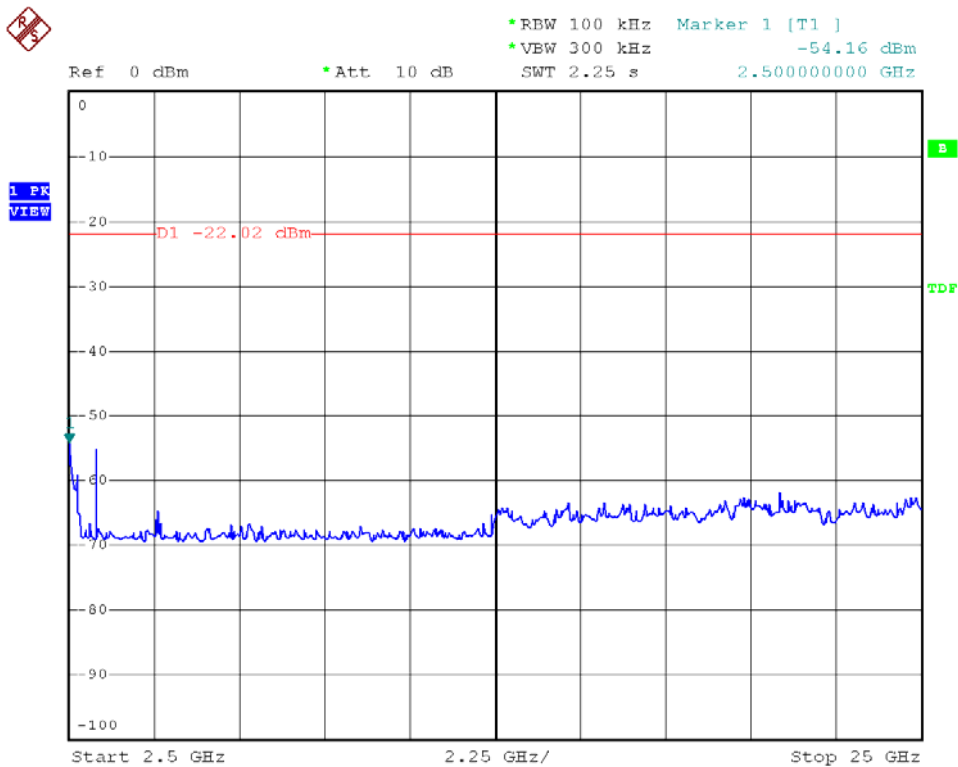
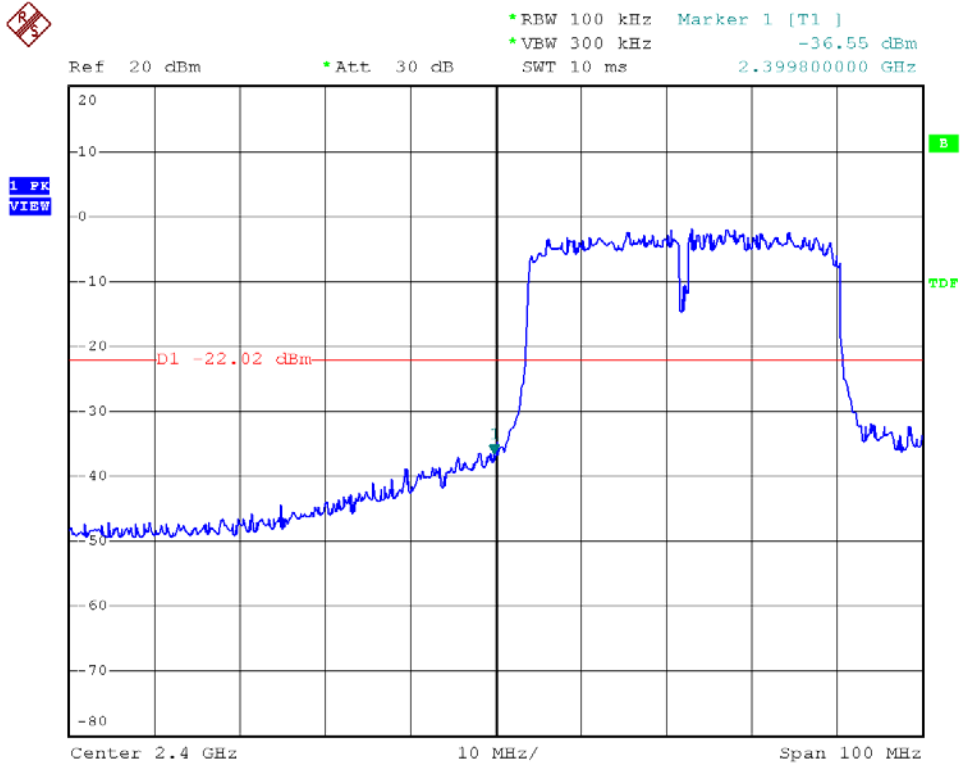


Modulation Standard: 802.11n HT20 (130Mbps), ANT L
Channel: 11



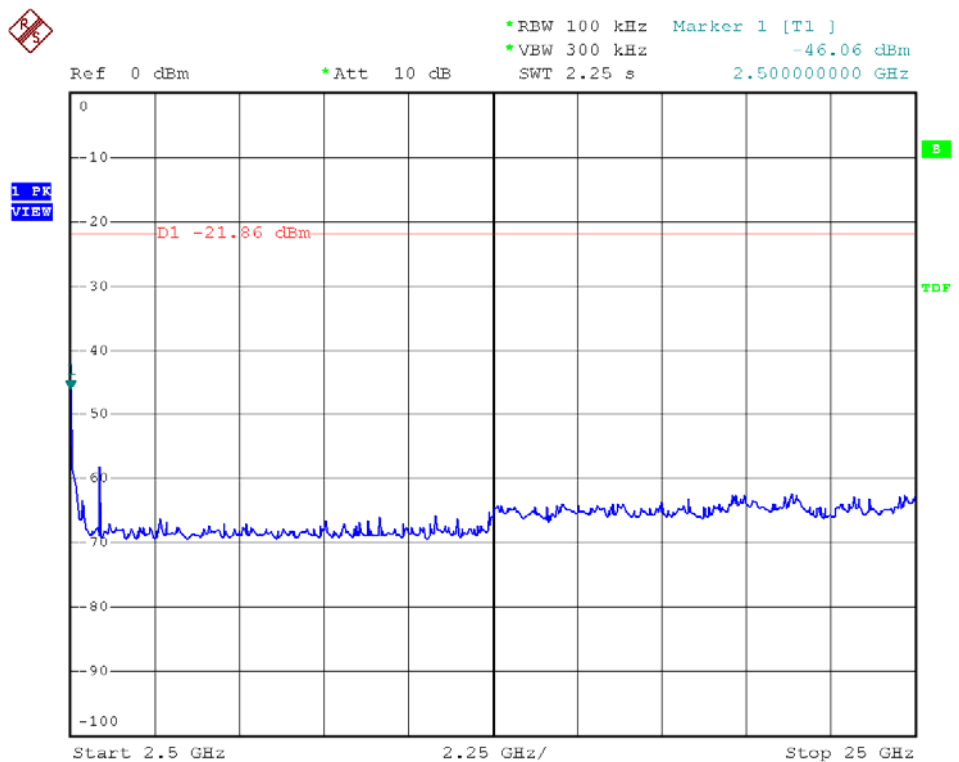
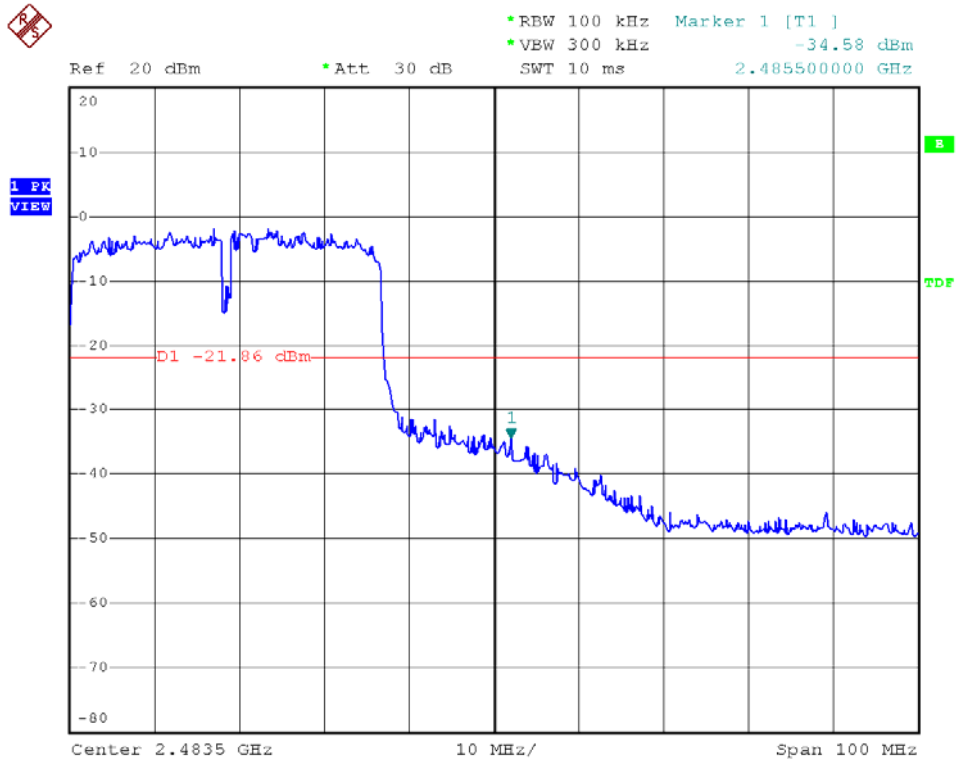


Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 03



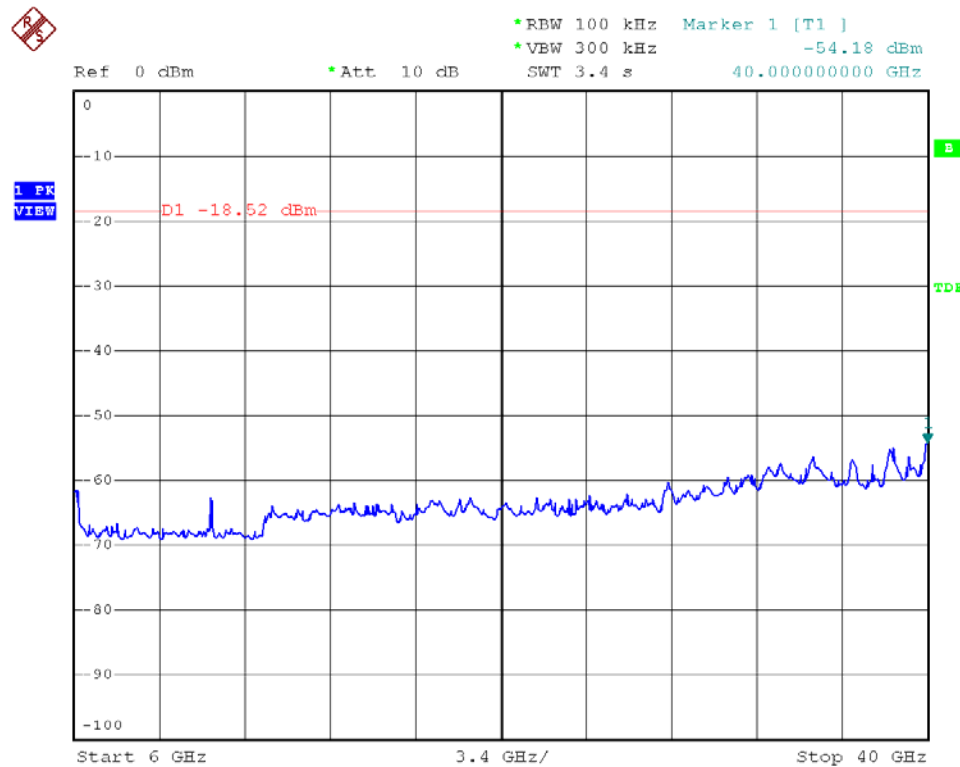
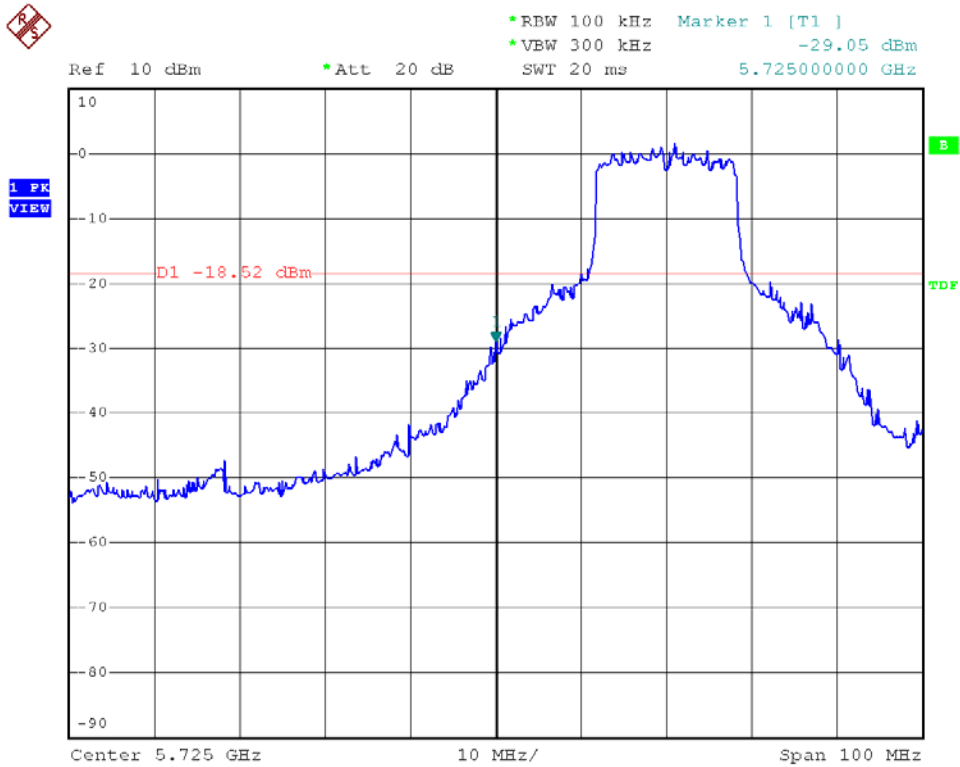


Modulation Standard: 802.11n HT40 (270Mbps), ANT L
Channel: 09



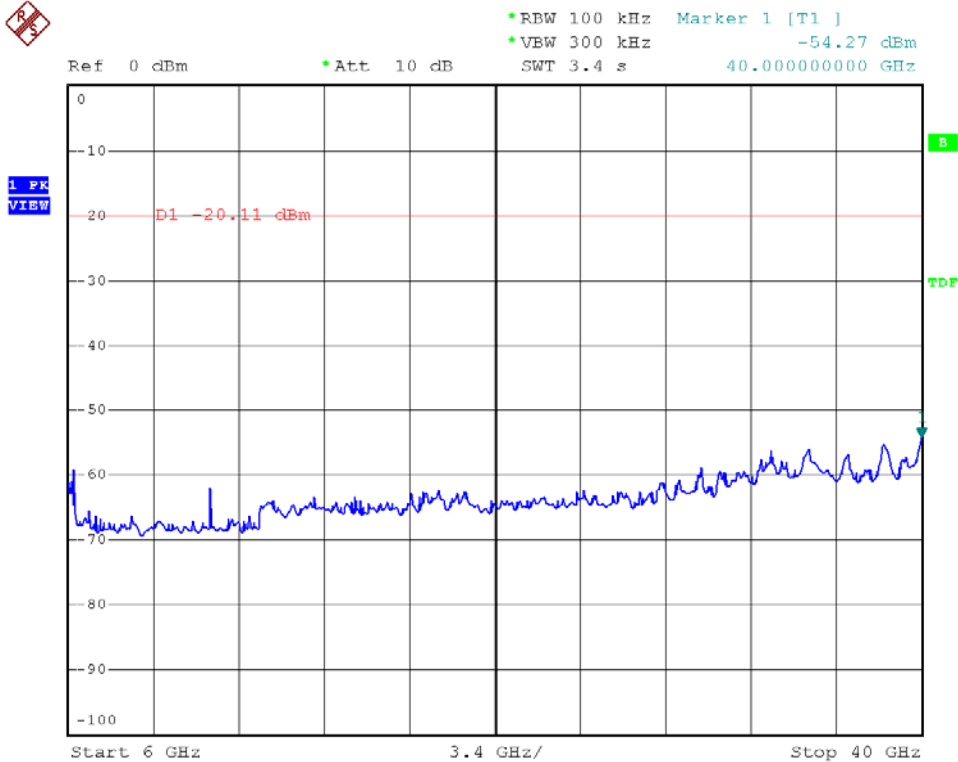
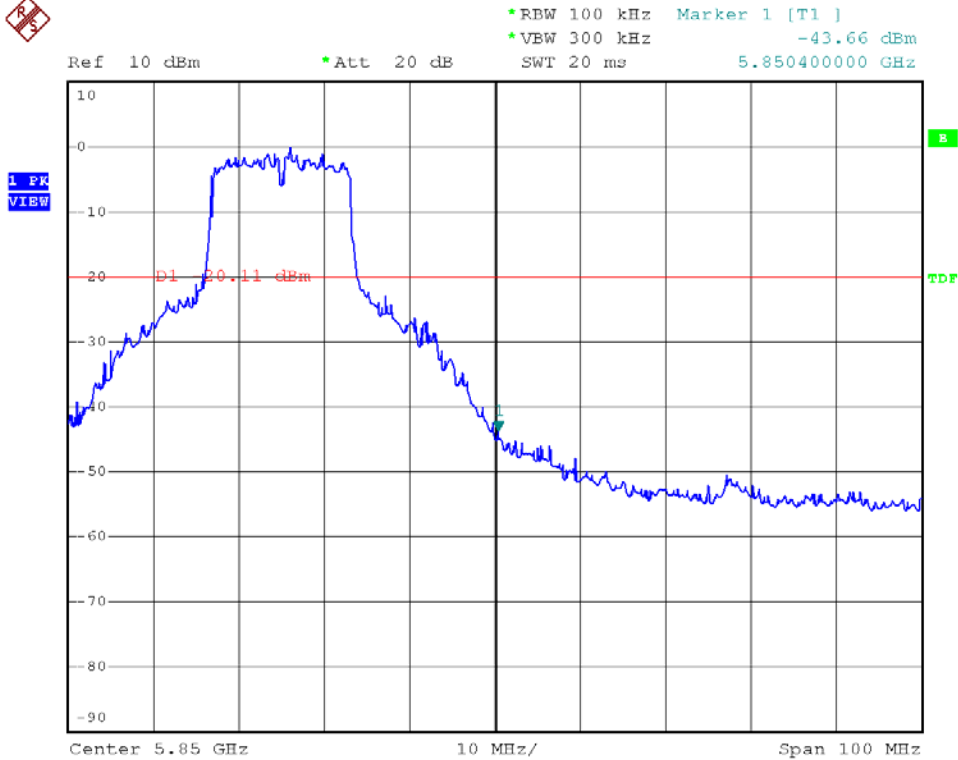


Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 149



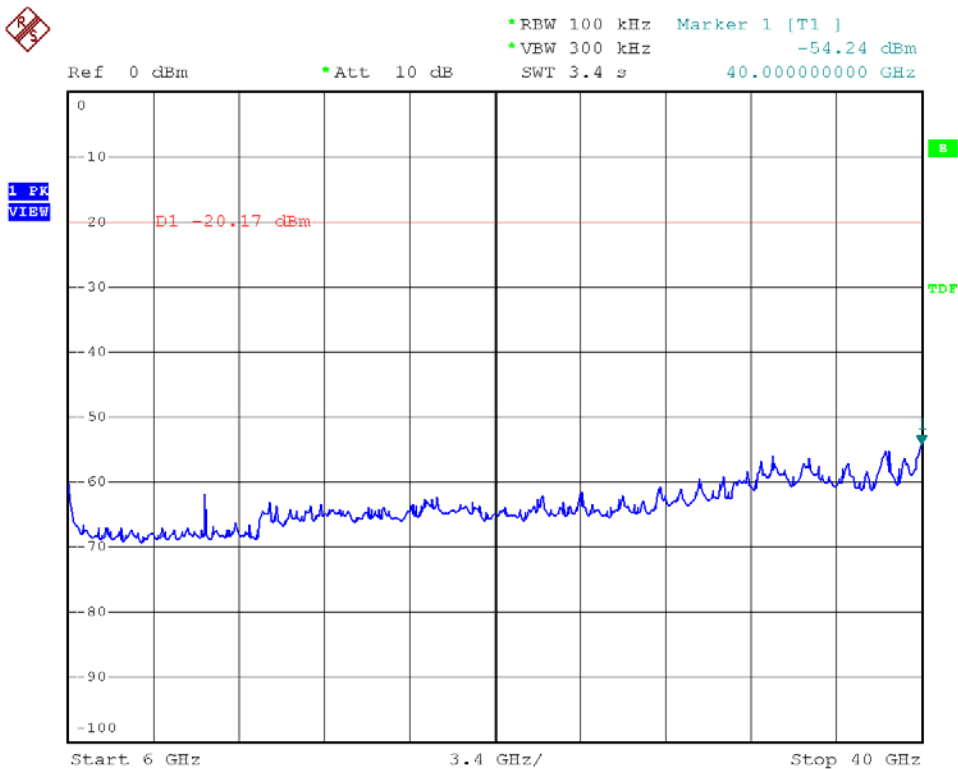
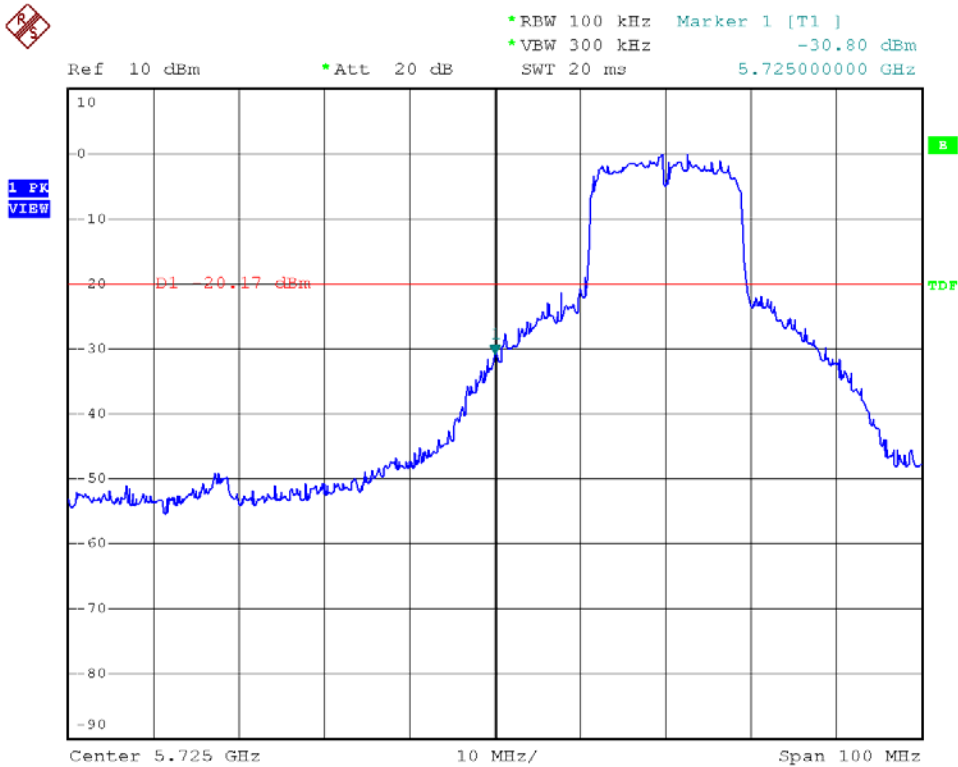


Modulation Standard: 802.11a (54Mbps), ANT L
Channel: 165



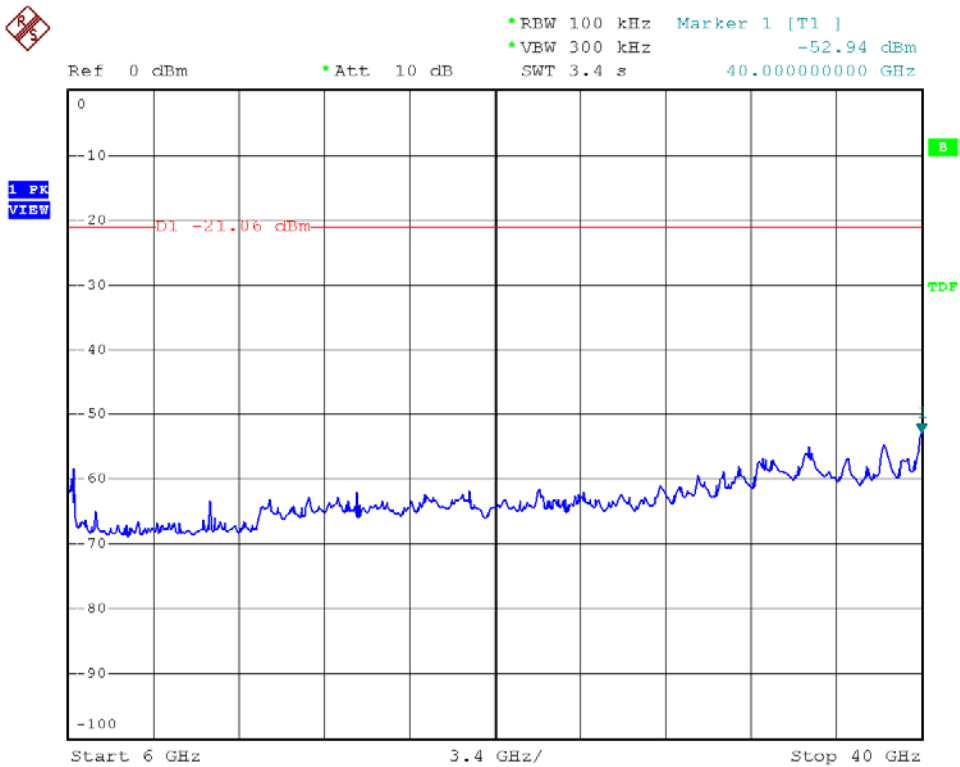
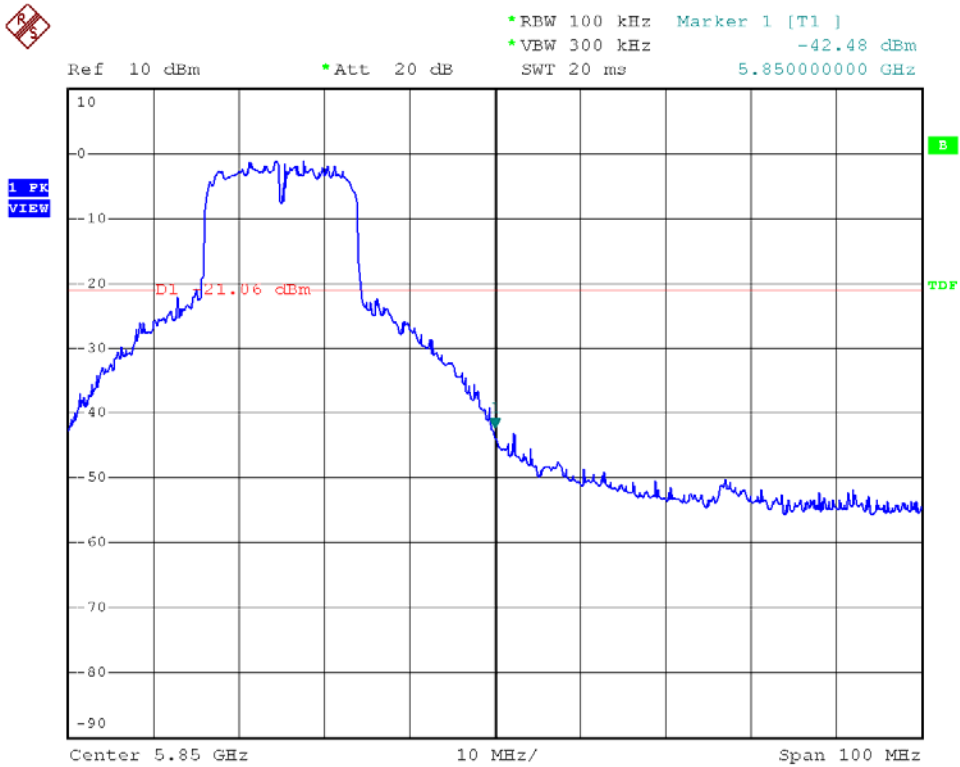


Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 149



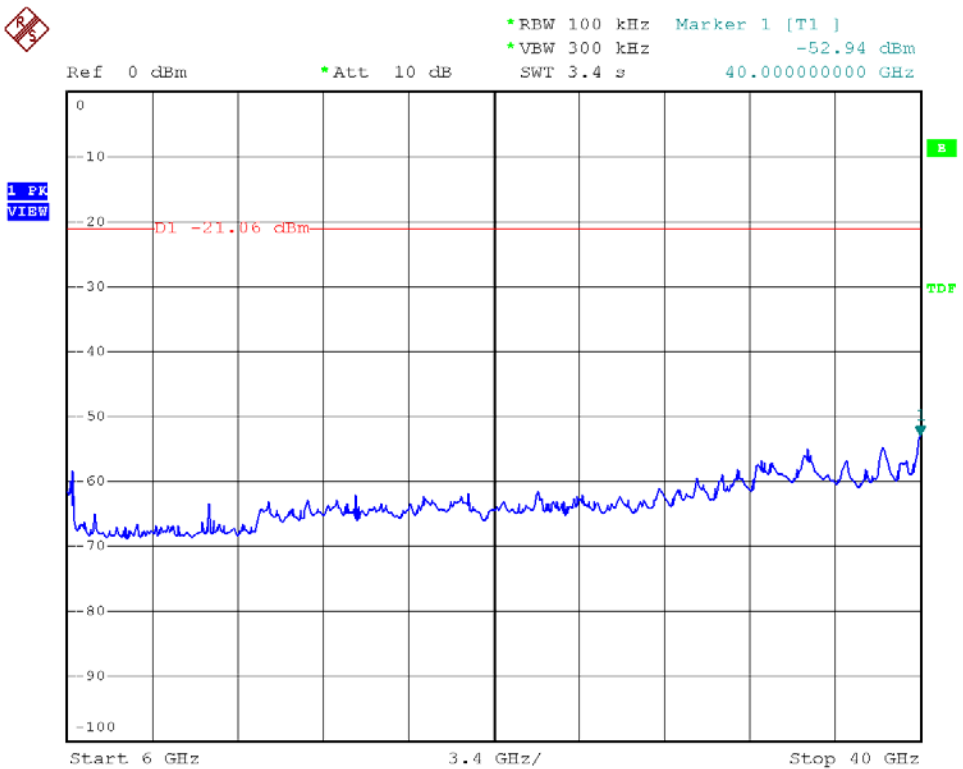
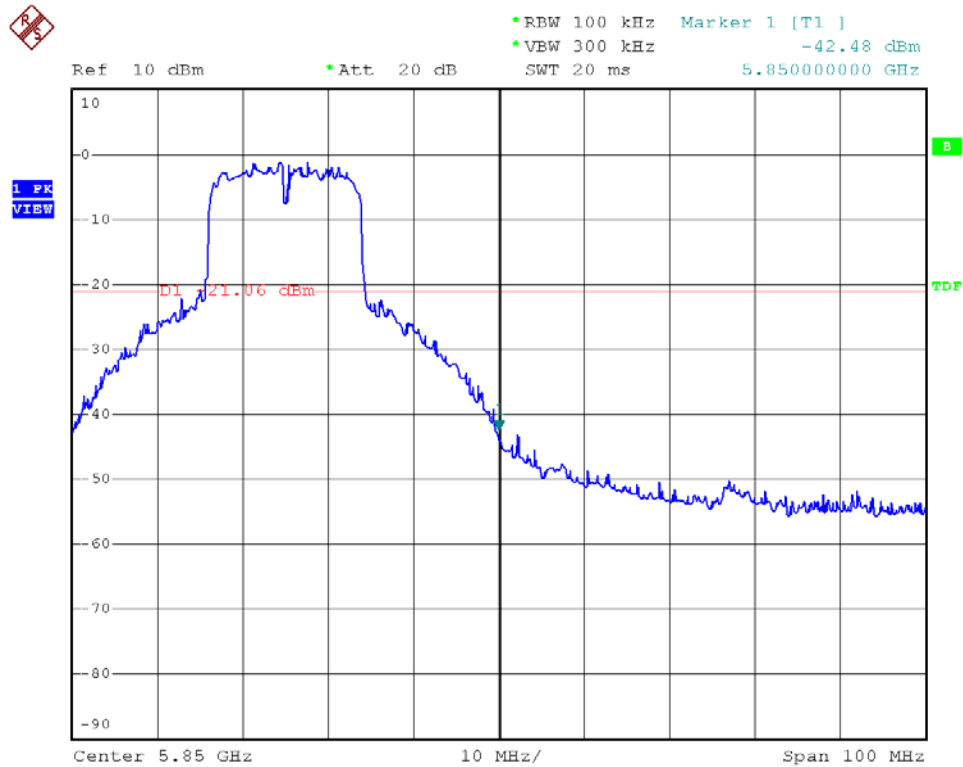


Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 165



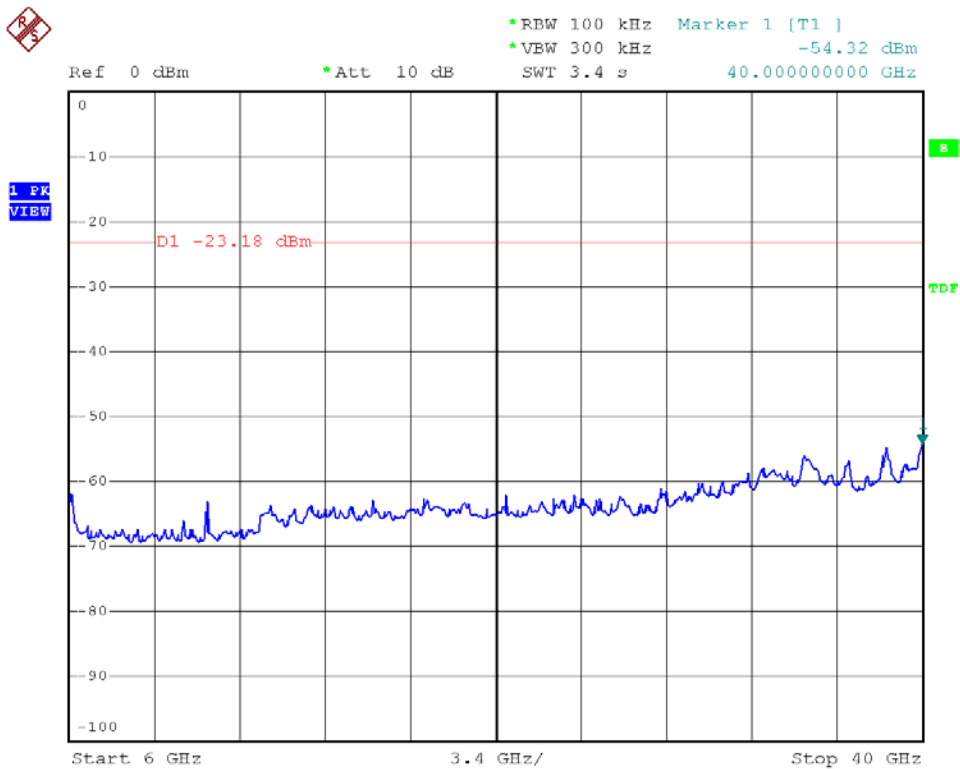
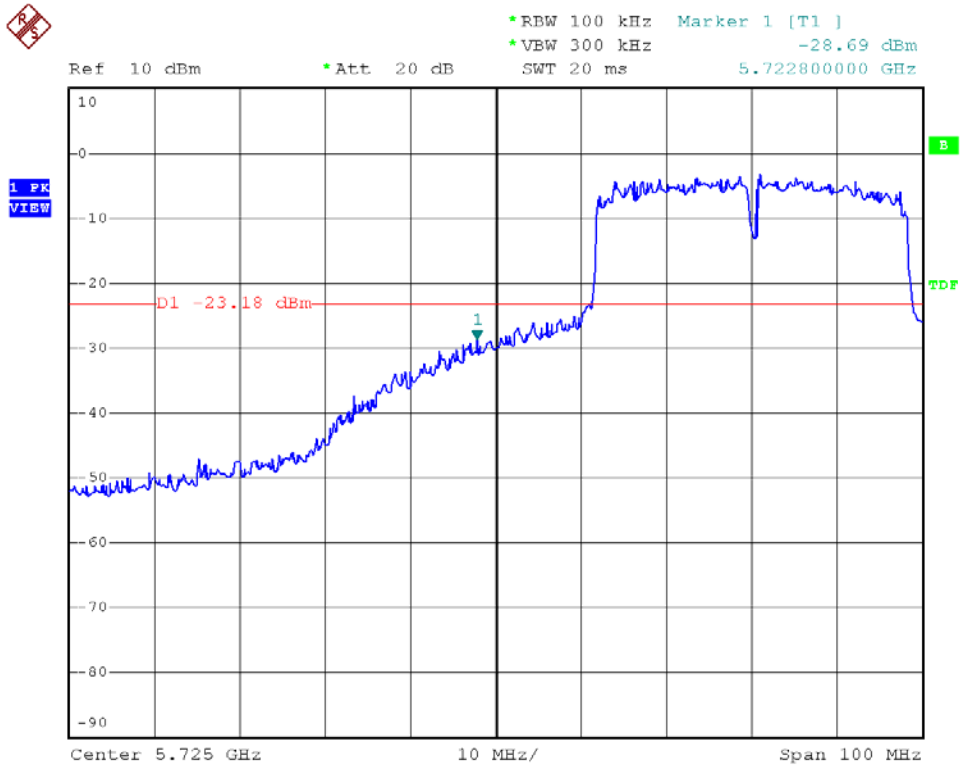


Modulation Standard: 802.11an HT20 (130Mbps), ANT L
Channel: 165



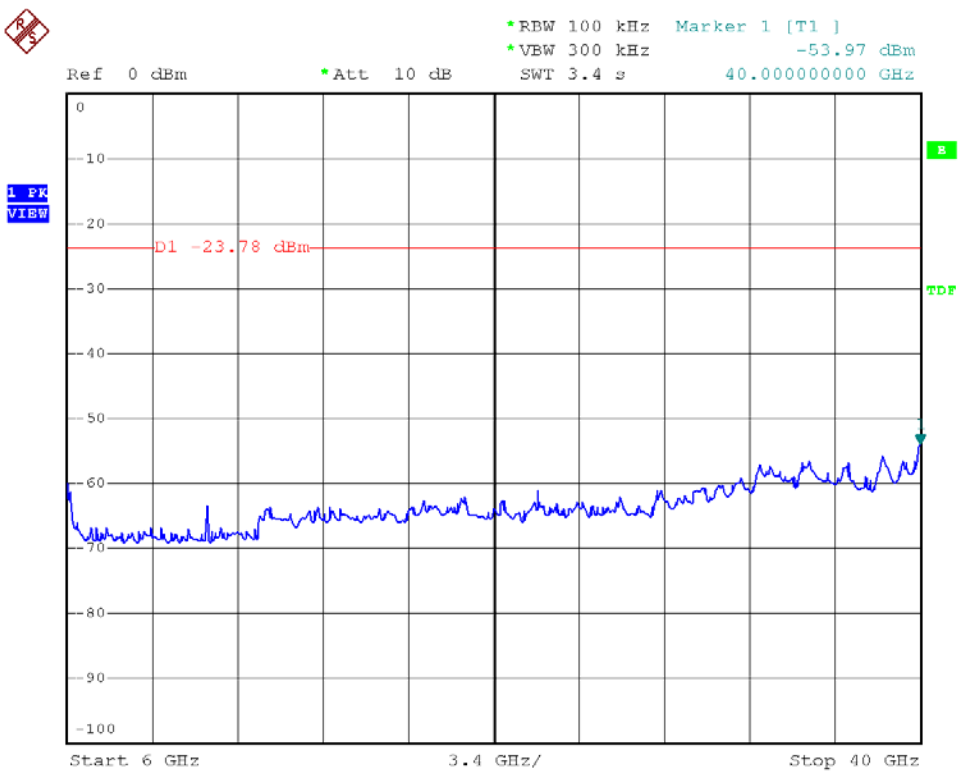
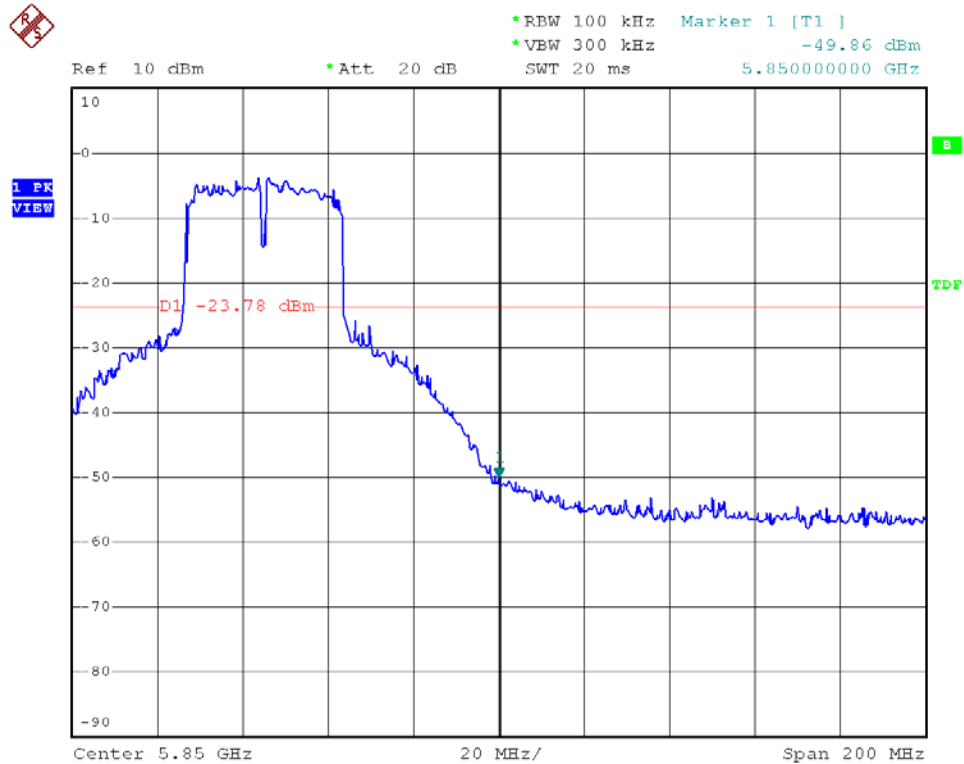


Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 151





Modulation Standard: 802.11an HT40 (270Mbps), ANT L
Channel: 159





9.6 Restrict Band Emission Measurement Data

Test Date: Jun. 11, 2012
 Atmospheric pressure: 1020 hPa

Temperature: 25 °C
 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			
2355.39	H	50.40	1.76	52.16	Peak	74	54	-21.84	190	1.04
---	H	---	---	---	Ave	74	54	---	---	---
2314.28	V	58.12	3.50	61.62	Peak	74	54	-12.38	212	1.00
2389.82	V	47.39	2.25	49.64	Ave	74	54	-4.36	212	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			
2496.28	H	50.83	0.11	50.94	Peak	74	54	-23.06	160	1.04
---	H	---	---	---	Ave	74	54	---	---	---
2500.00	V	63.23	-3.22	60.01	Peak	74	54	-13.99	224	1.00
2500.00	V	53.88	-3.22	50.66	Ave	74	54	-3.34	224	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			
2389.56	H	54.30	1.62	55.92	Peak	74	54	-18.08	191	1.04
2389.82	H	40.50	1.62	42.12	Ave	74	54	-11.88	191	1.04
2375.28	V	59.10	2.49	61.59	Peak	74	54	-12.41	220	1.00
2389.82	V	47.24	2.25	49.49	Ave	74	54	-4.51	220	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			
2483.55	H	55.65	0.30	55.95	Peak	74	54	-18.05	216	1.04
2483.57	H	41.00	0.30	41.30	Ave	74	54	-12.07	216	1.04
2499.81	V	63.82	-3.21	60.61	Peak	74	54	-13.39	229	1.00
2500.00	V	52.62	-3.22	49.40	Ave	74	54	-4.60	229	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			
2389.36	H	56.30	1.62	57.92	Peak	74	54	-16.08	176	1.04
2389.82	H	41.27	1.62	42.89	Ave	74	54	-11.11	176	1.04
2338.56	V	59.43	3.10	62.53	Peak	74	54	-11.47	211	1.00
2389.82	V	47.28	2.25	49.53	Ave	74	54	-4.47	211	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			
2483.85	H	56.50	0.29	56.79	Peak	74	54	-17.21	161	1.04
2483.57	H	41.62	0.30	41.92	Ave	74	54	-12.08	161	1.04
2499.81	V	61.62	-3.21	58.41	Peak	74	54	-15.59	211	1.00
2500.00	V	50.09	-3.22	46.87	Ave	74	54	-7.13	211	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			
2389.56	H	60.64	1.62	62.26	Peak	74	54	-11.74	193	1.04
2389.82	H	45.66	1.62	47.28	Ave	74	54	-6.72	193	1.04
2321.73	V	58.54	3.39	61.93	Peak	74	54	-12.07	221	1.00
2389.82	V	47.35	2.25	49.60	Ave	74	54	-4.40	221	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			
2483.85	H	59.97	0.29	60.26	Peak	74	54	-13.74	160	1.04
2483.57	H	47.08	0.30	47.38	Ave	74	54	-6.62	160	1.04
2499.81	V	63.72	-3.21	60.51	Peak	74	54	-13.49	216	1.00
2500.00	V	48.82	-3.22	45.60	Ave	74	54	-8.40	216	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.