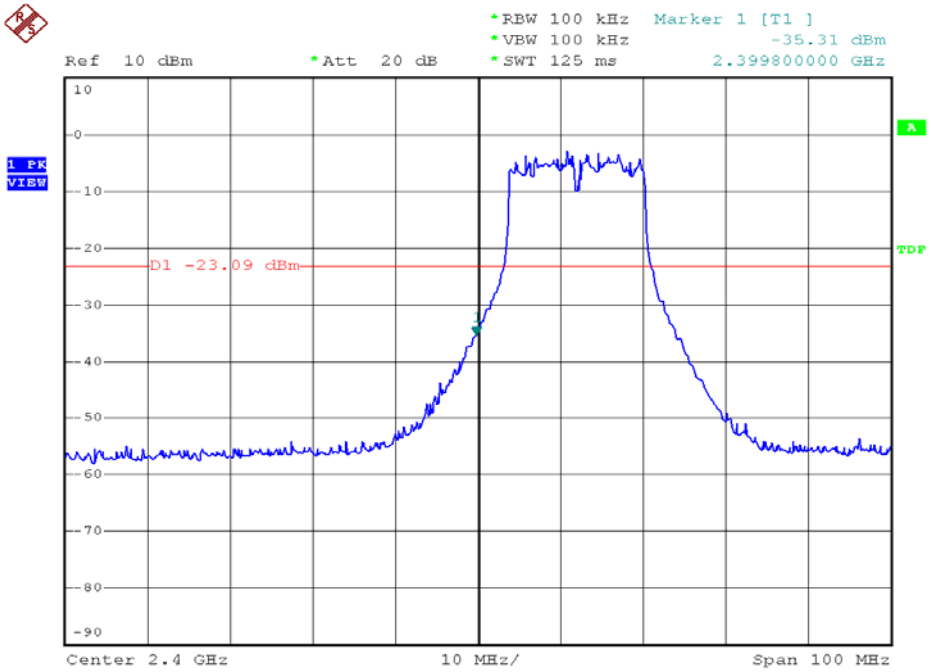
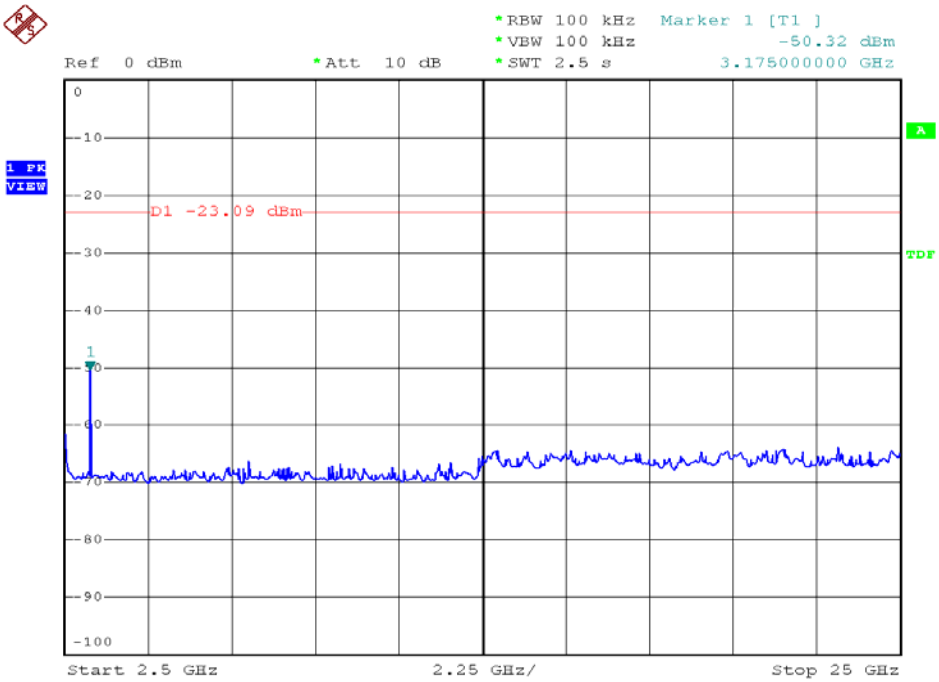
Modulation Standard: 802.11g (54Mbps), Ant3
Channel: 01

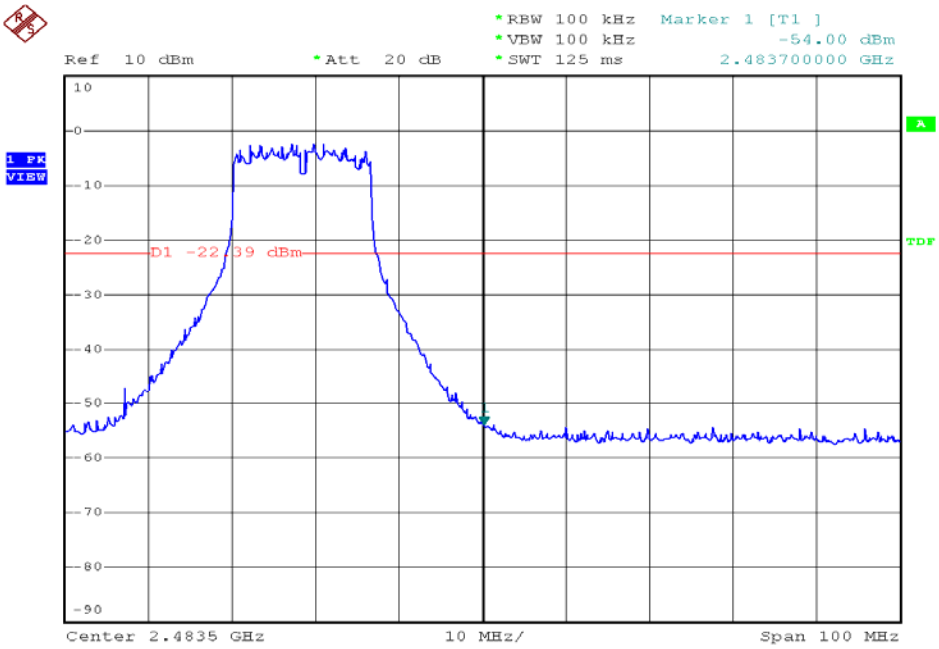


Date: 6.JAN.2009 10:54:05

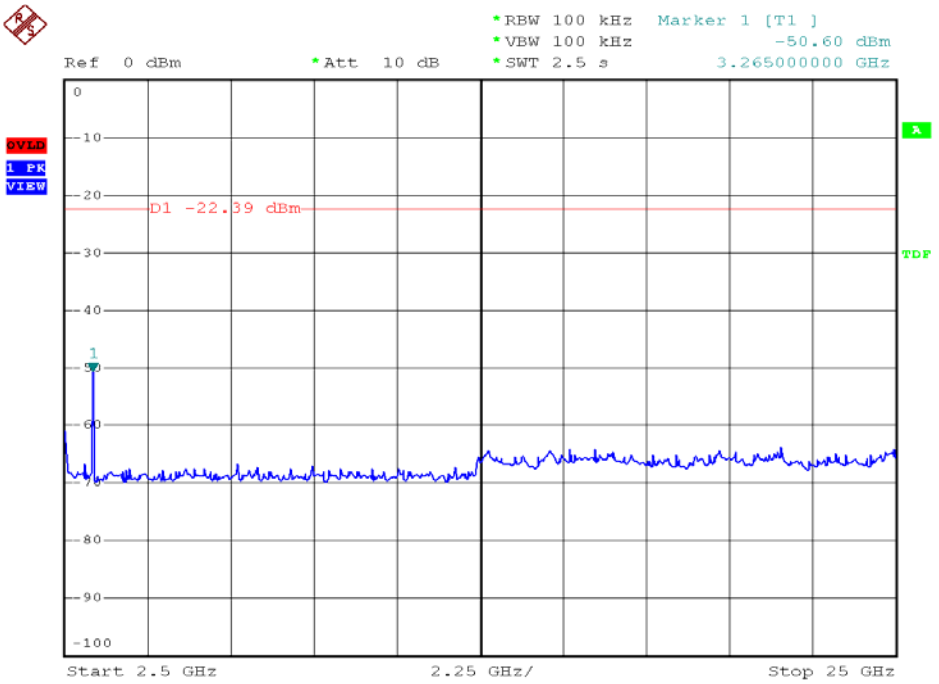


Date: 6.JAN.2009 11:44:34

Modulation Standard: 802.11g (54Mbps), Ant3
Channel: 11

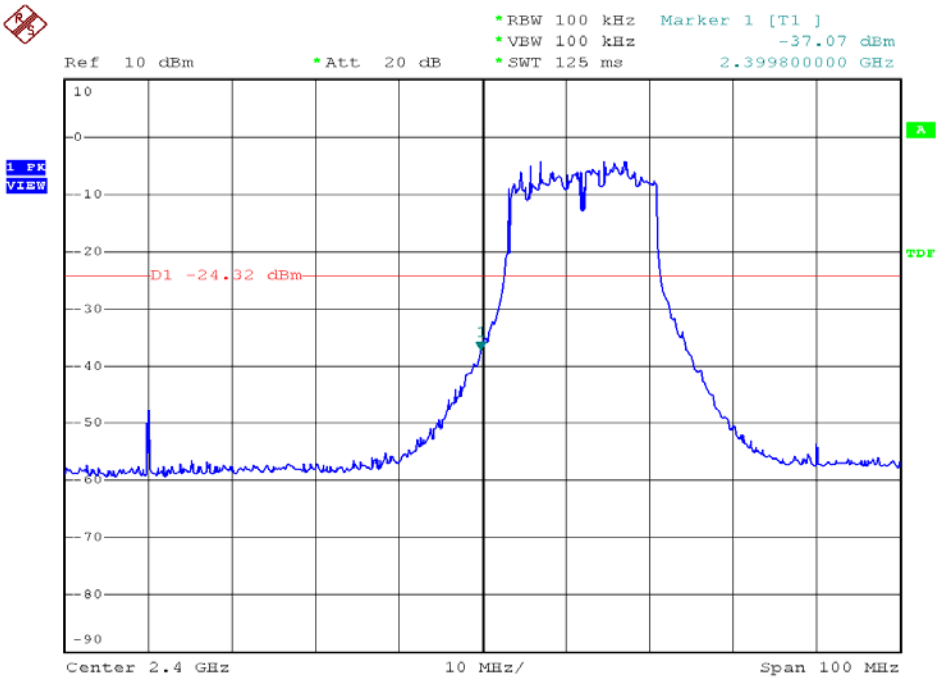


Date: 6.JAN.2009 10:58:56

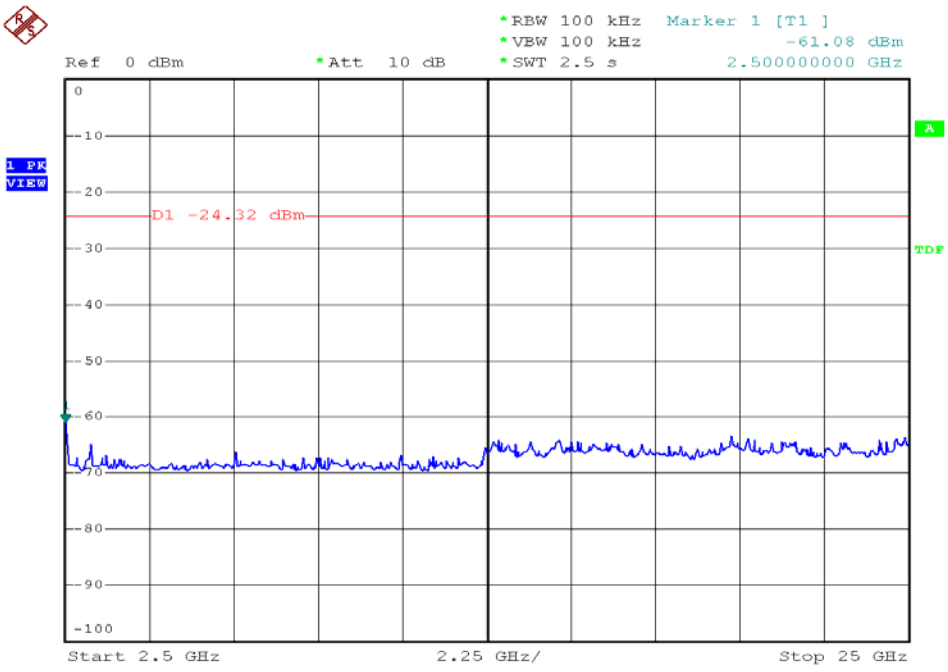


Date: 6.JAN.2009 11:47:23

Modulation Standard: 802.11n HT20 (104Mbps), Ant1
Channel: 01

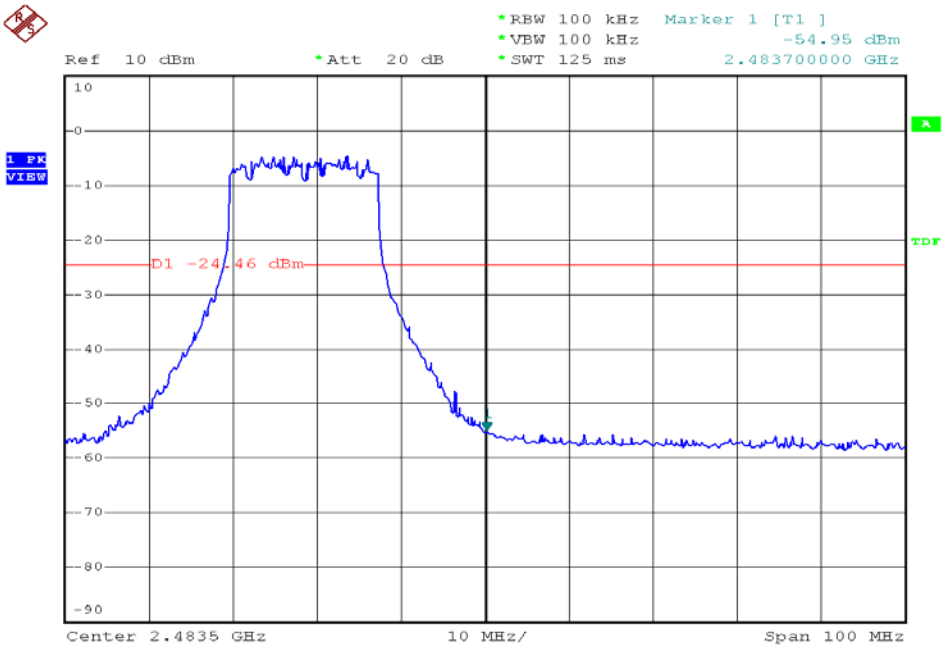


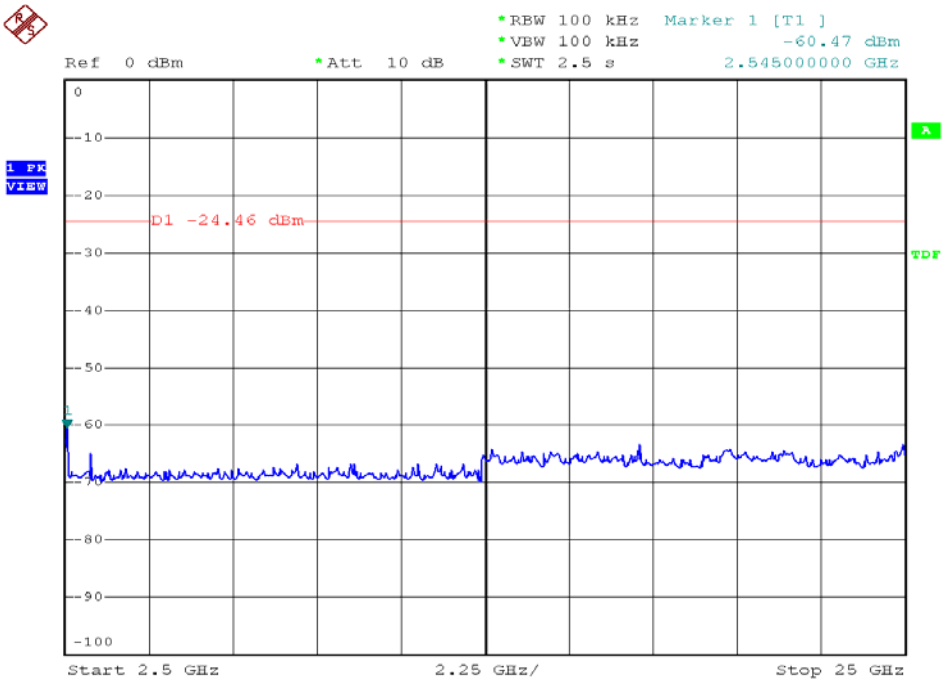
Date: 6.JAN.2009 11:07:58



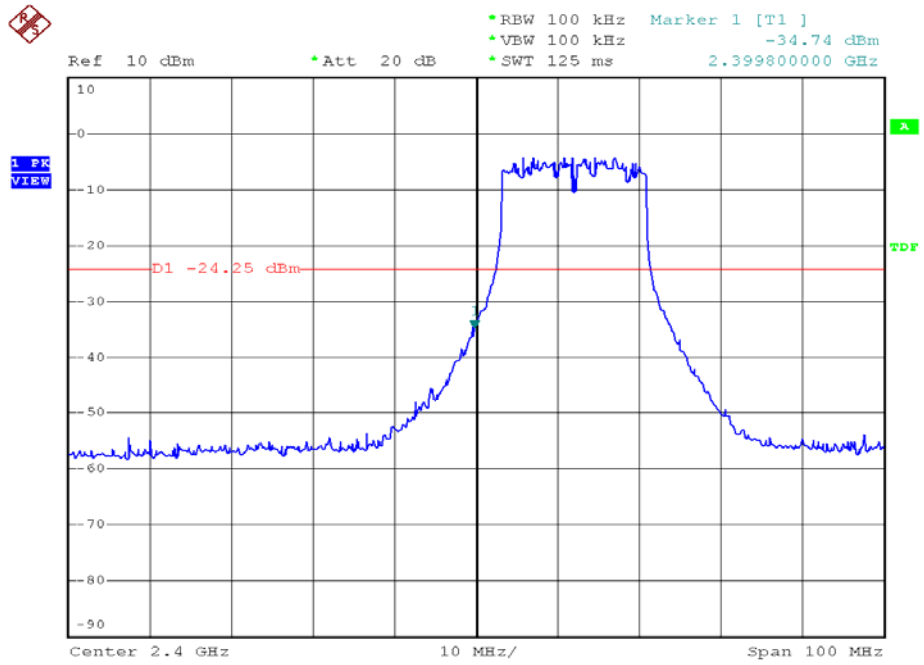
Date: 6.JAN.2009 11:54:29

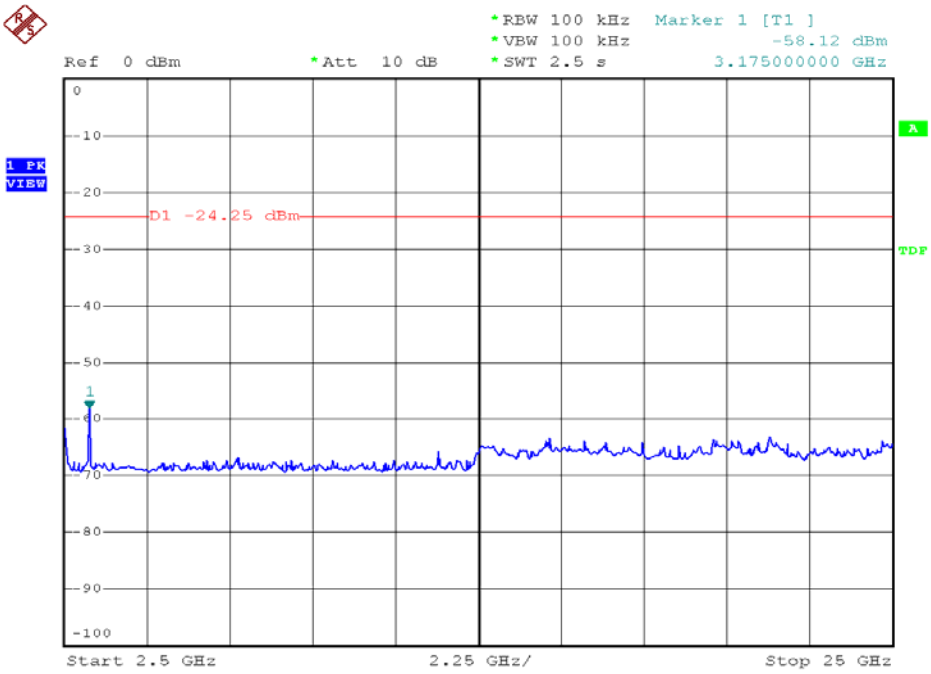
Modulation Standard: 802.11n HT20 (104Mbps), Ant1
Channel: 11



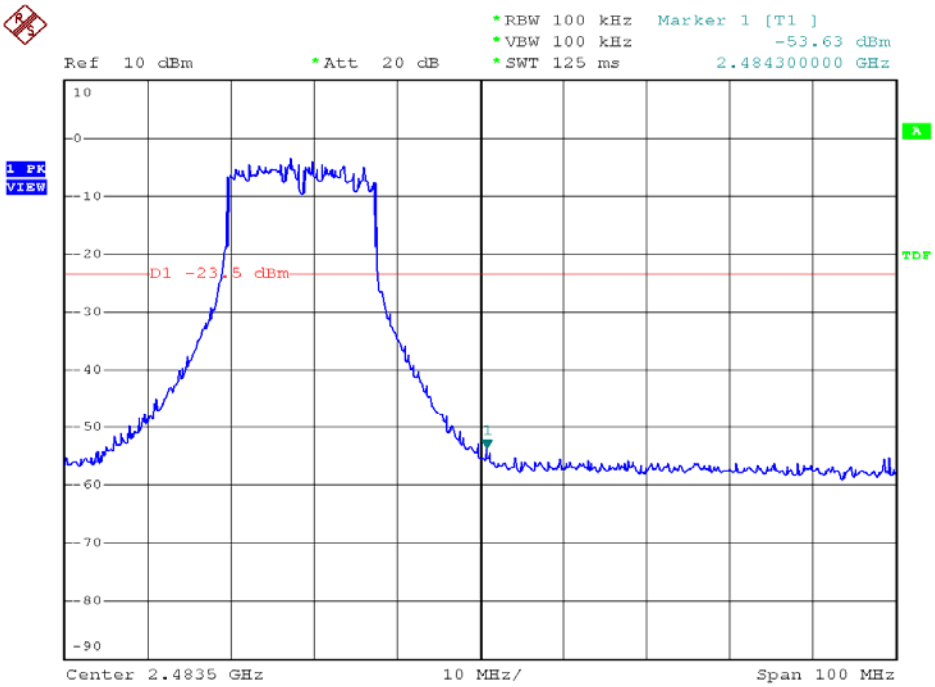


Modulation Standard: 802.11n HT20 (104Mbps), Ant2
Channel: 01

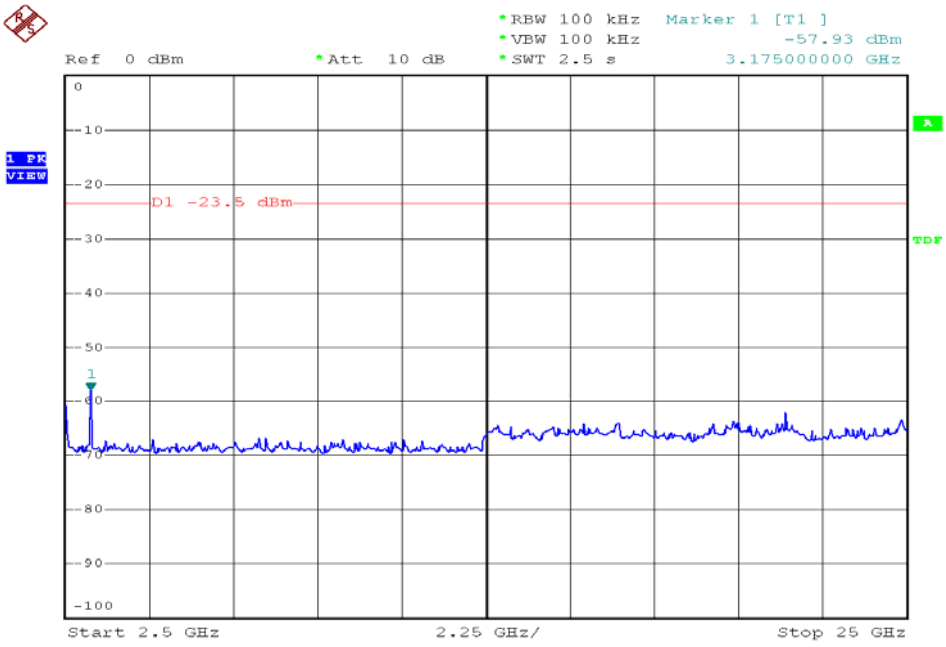




Modulation Standard: 802.11n HT20 (104Mbps), Ant2
Channel: 11

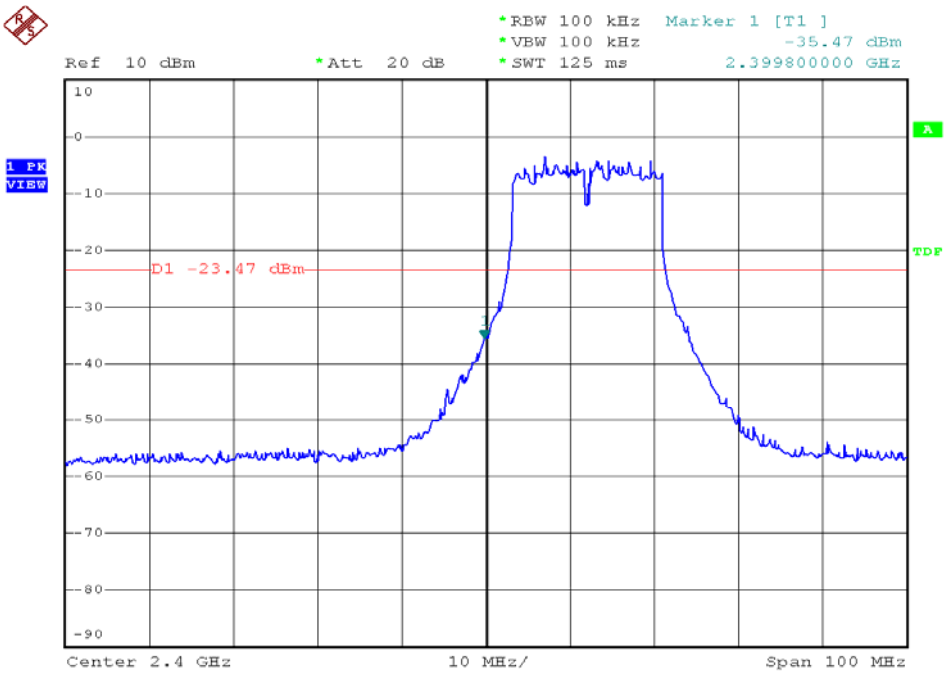


Date: 6.JAN.2009 11:11:05

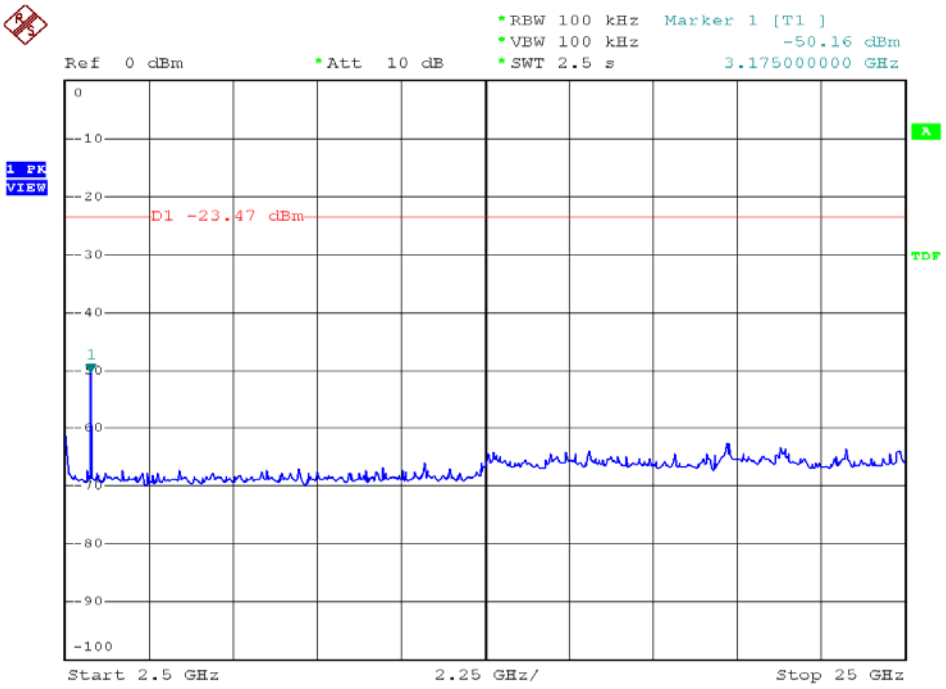


Date: 6.JAN.2009 11:57:47

Modulation Standard: 802.11n HT20 (104Mbps), Ant3
Channel: 01

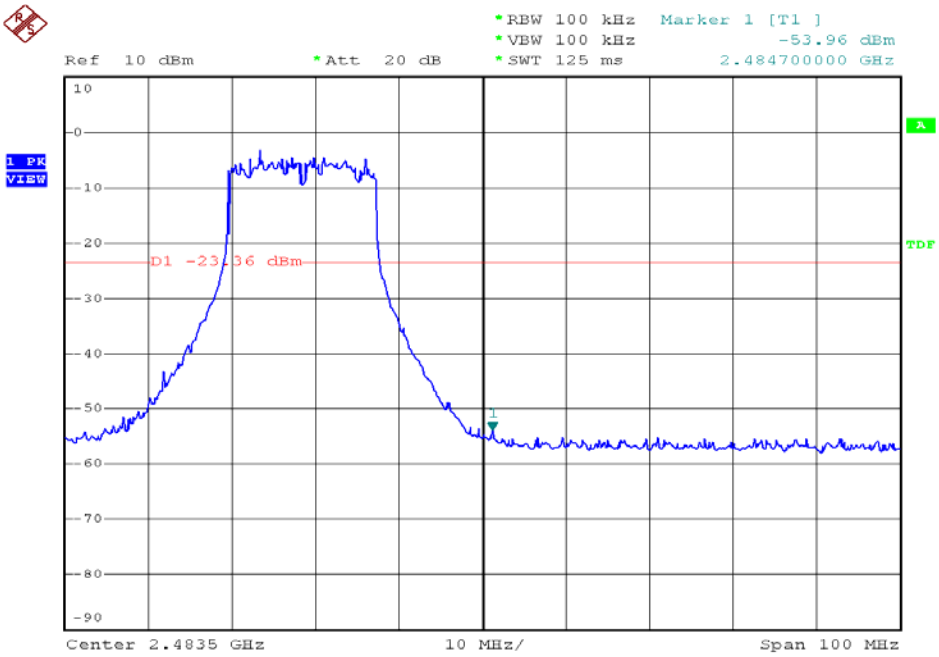


Date: 6.JAN.2009 11:05:43

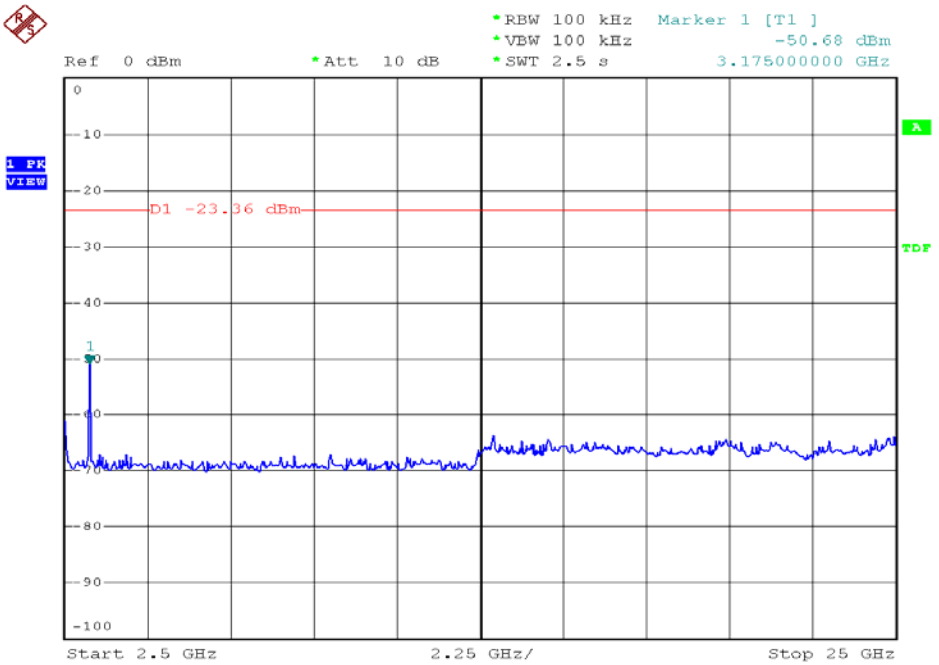


Date: 6.JAN.2009 11:52:58

Modulation Standard: 802.11n HT20 (104Mbps), Ant3
Channel: 11

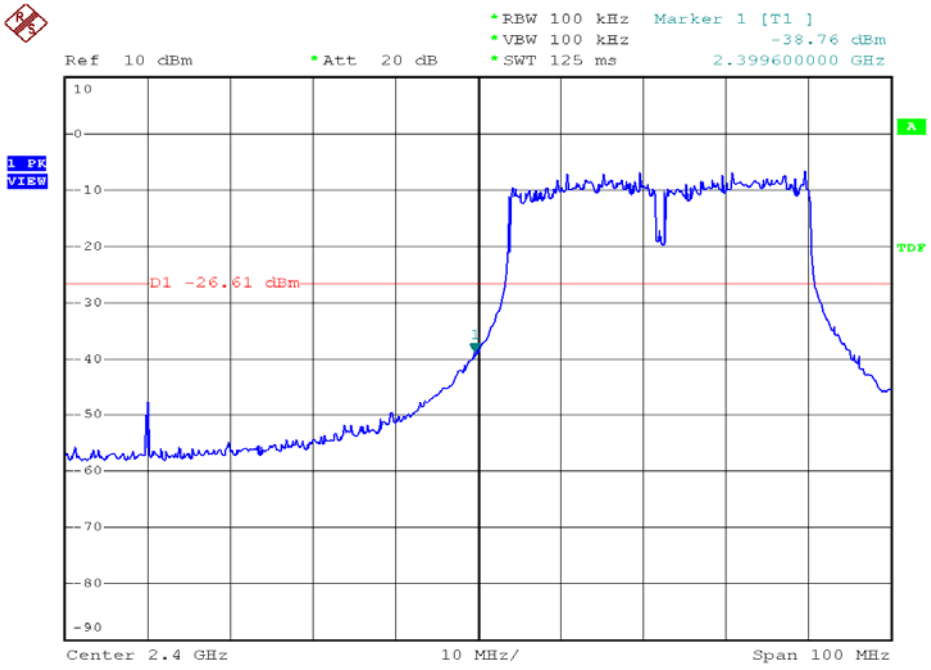


Date: 6.JAN.2009 11:09:59

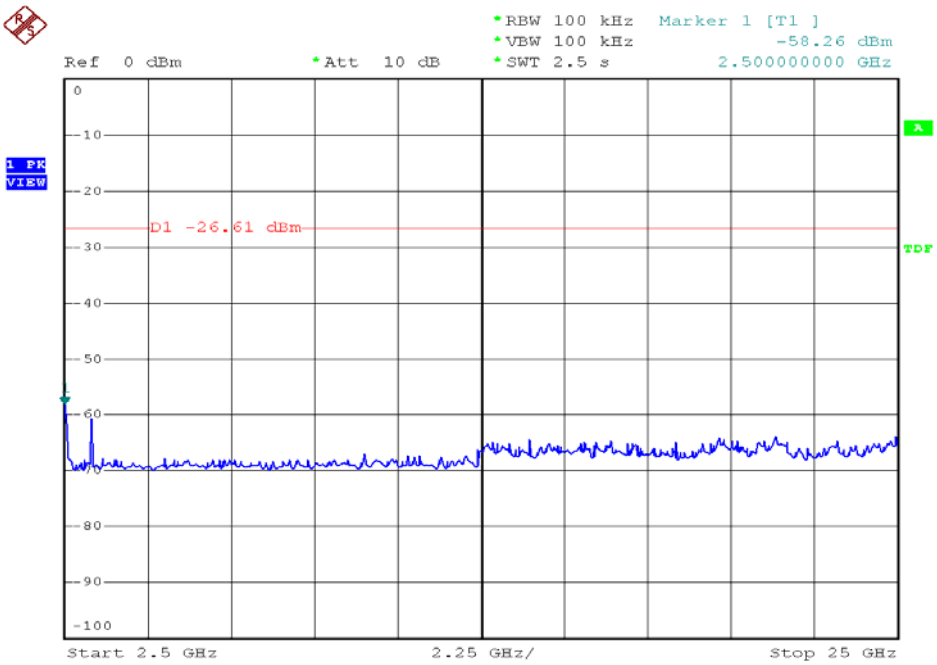


Date: 6.JAN.2009 11:56:14

Modulation Standard: 802.11n HT40 (108Mbps), Ant1
Channel: 03

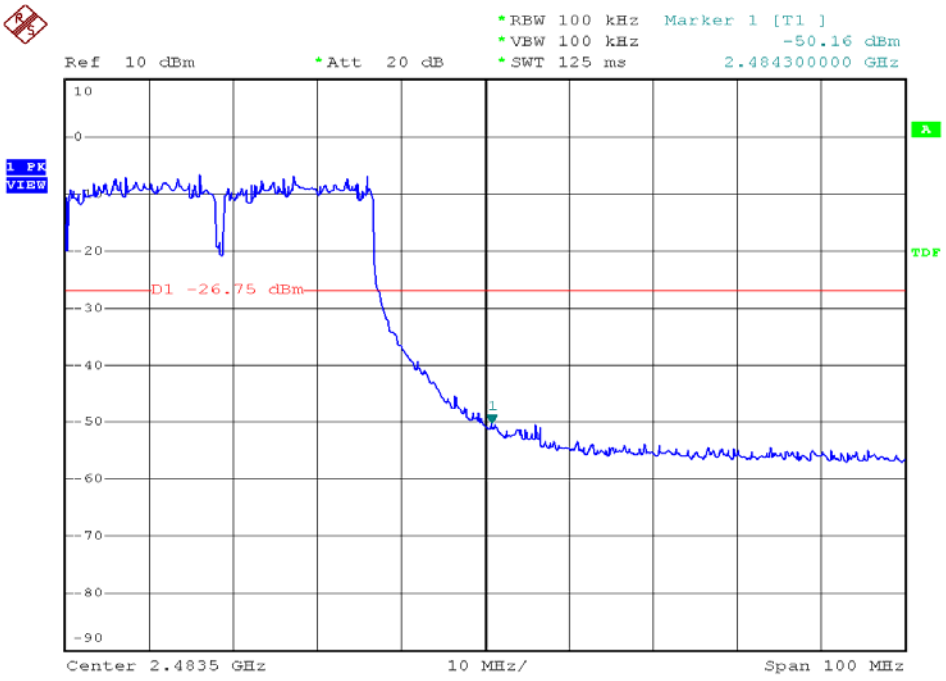


Date: 6.JAN.2009 13:29:38

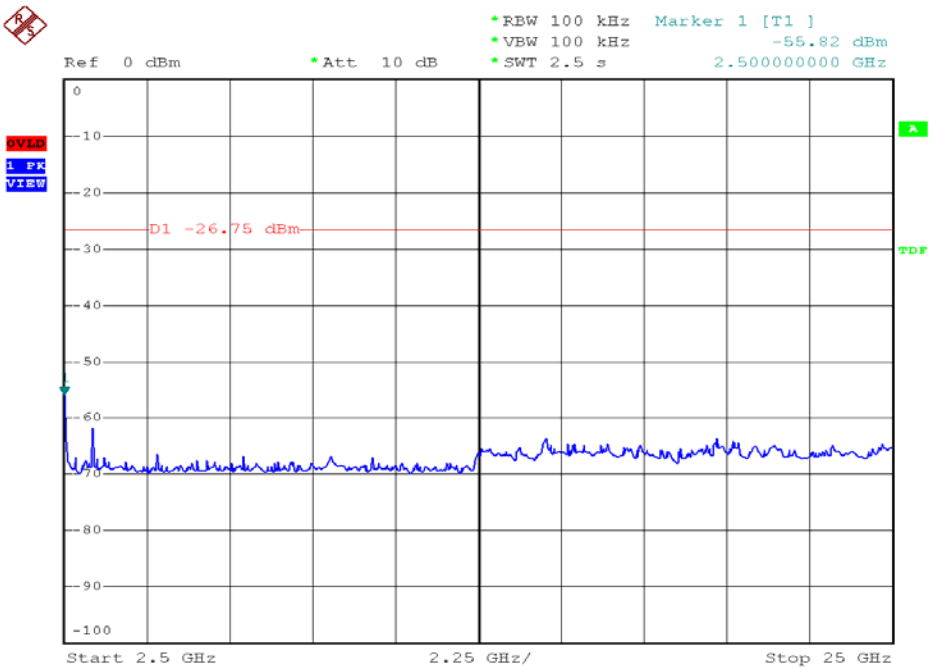


Date: 6.JAN.2009 13:32:14

Modulation Standard: 802.11n HT40 (108Mbps), Ant1
Channel: 09

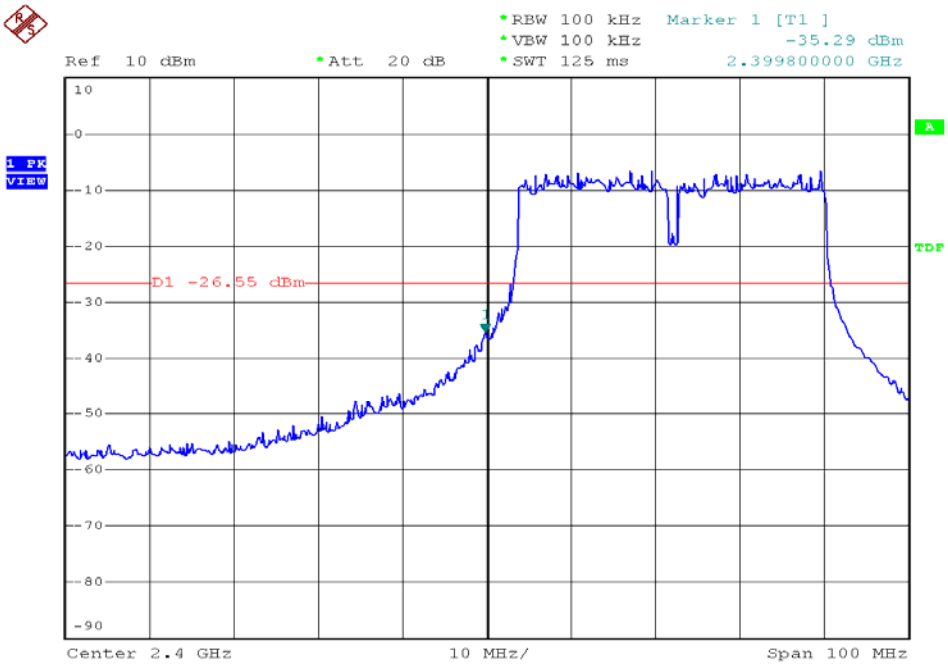


Date: 6.JAN.2009 13:40:59

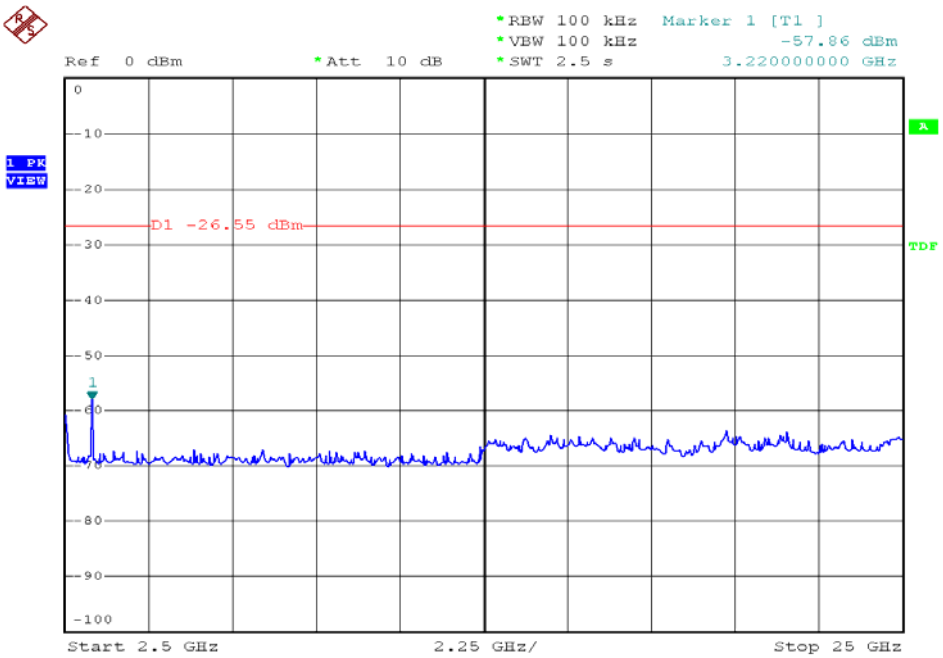


Date: 6.JAN.2009 13:42:37

Modulation Standard: 802.11n HT40 (108Mbps), Ant2
Channel: 03

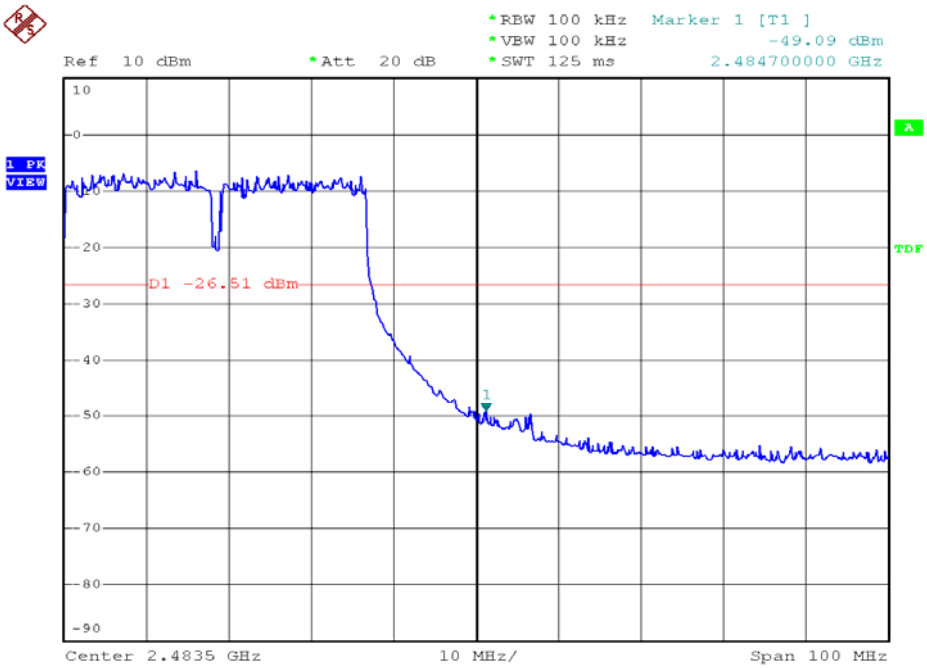


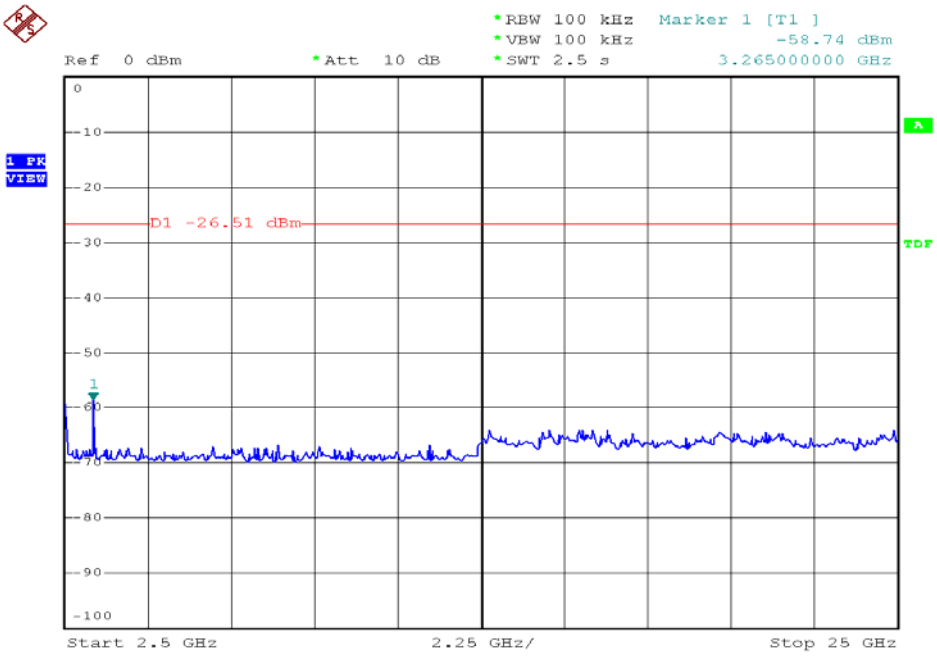
Date: 6.JAN.2009 13:27:39



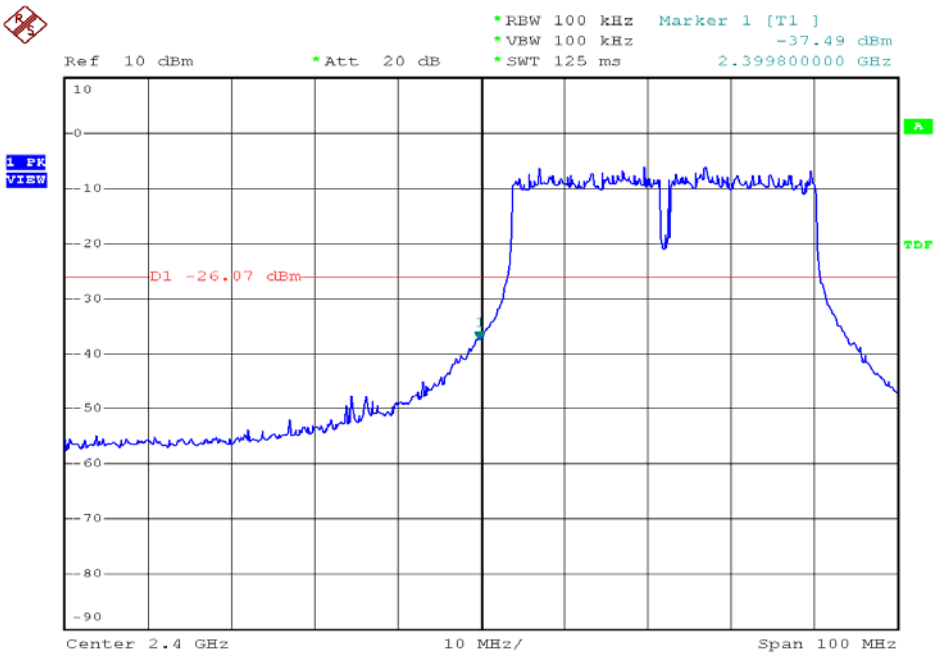
Date: 6.JAN.2009 13:33:20

Modulation Standard: 802.11n HT40 (108Mbps), Ant2
Channel: 09

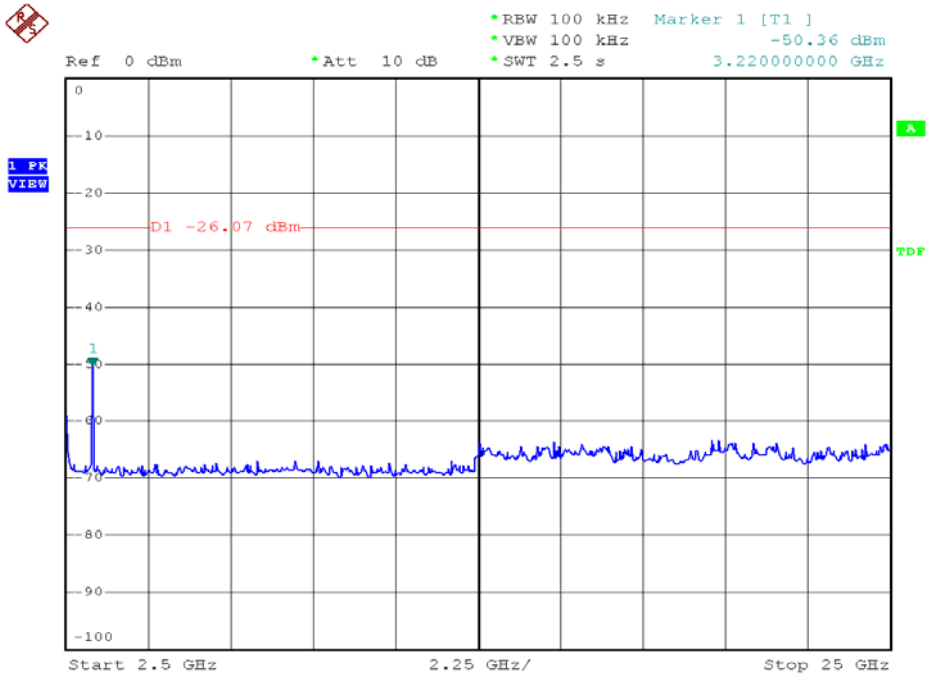




Modulation Standard: 802.11n HT40 (108Mbps), Ant3
Channel: 03

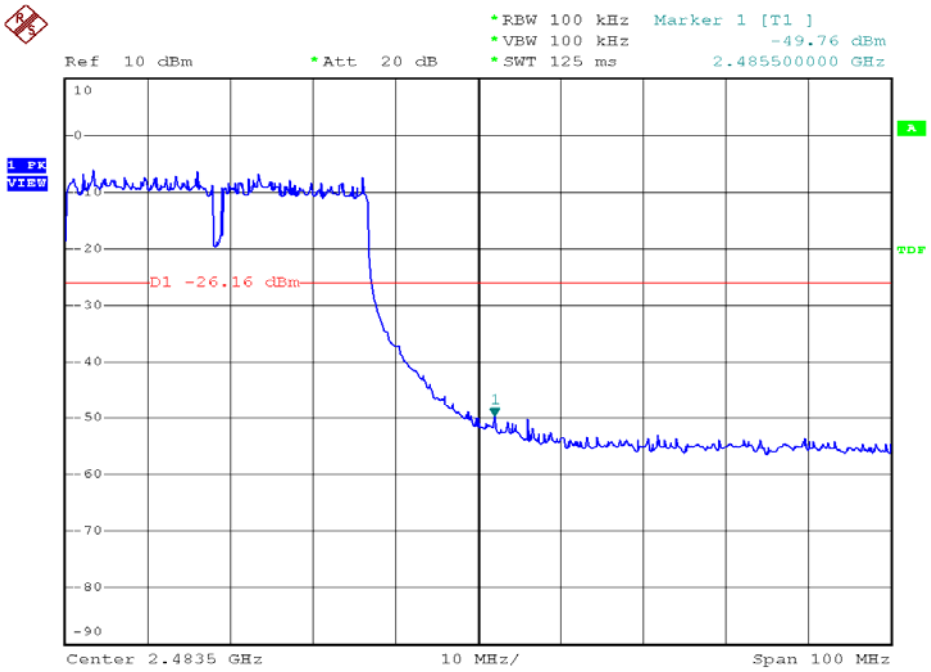


Date: 6.JAN.2009 13:14:59

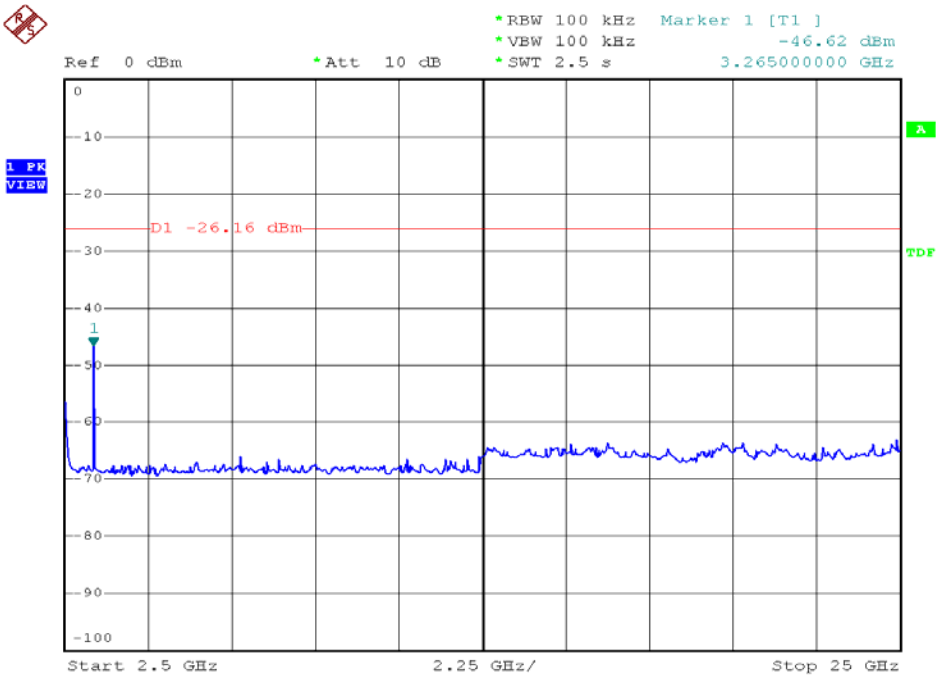


Date: 6.JAN.2009 13:17:05

Modulation Standard: 802.11n HT40 (108Mbps), Ant3
Channel: 09

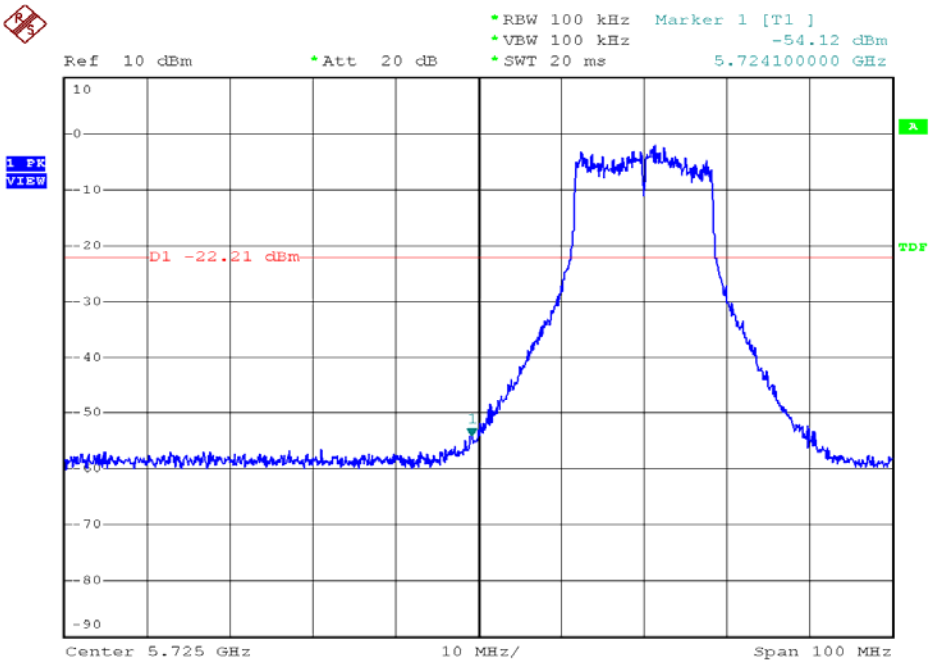


Date: 6.JAN.2009 13:21:38

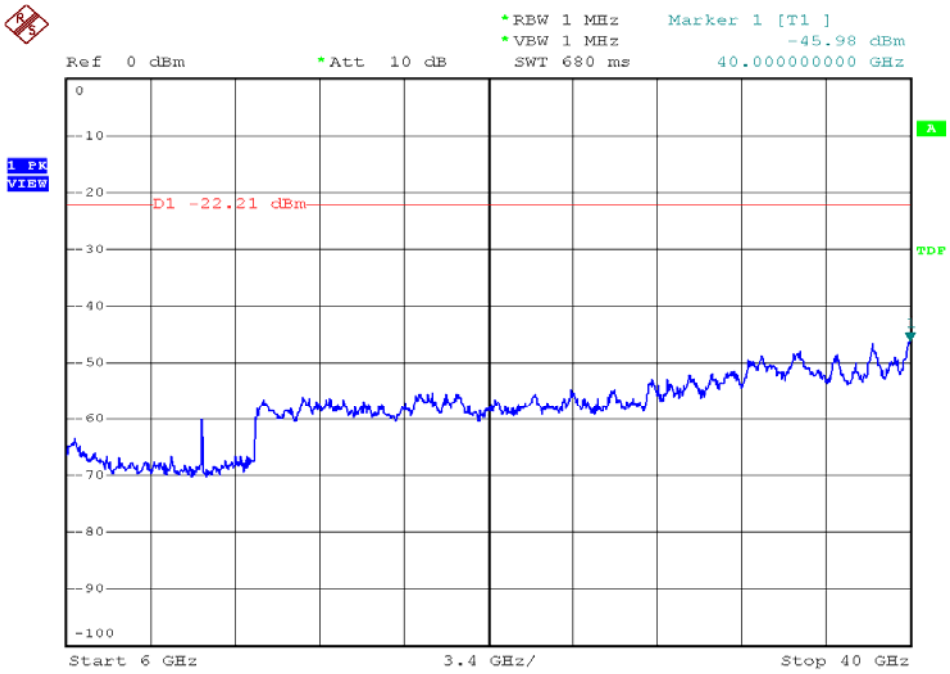


Date: 6.JAN.2009 13:23:27

Modulation Standard: 802.11a (54Mbps), Ant1
Channel: 149

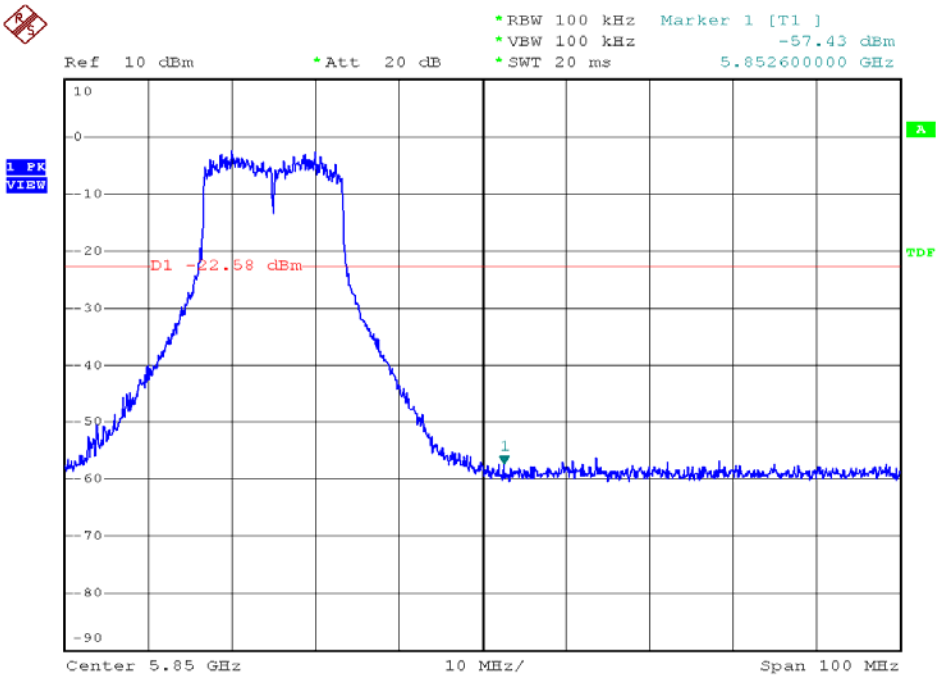


Date: 8.JAN.2009 21:19:57

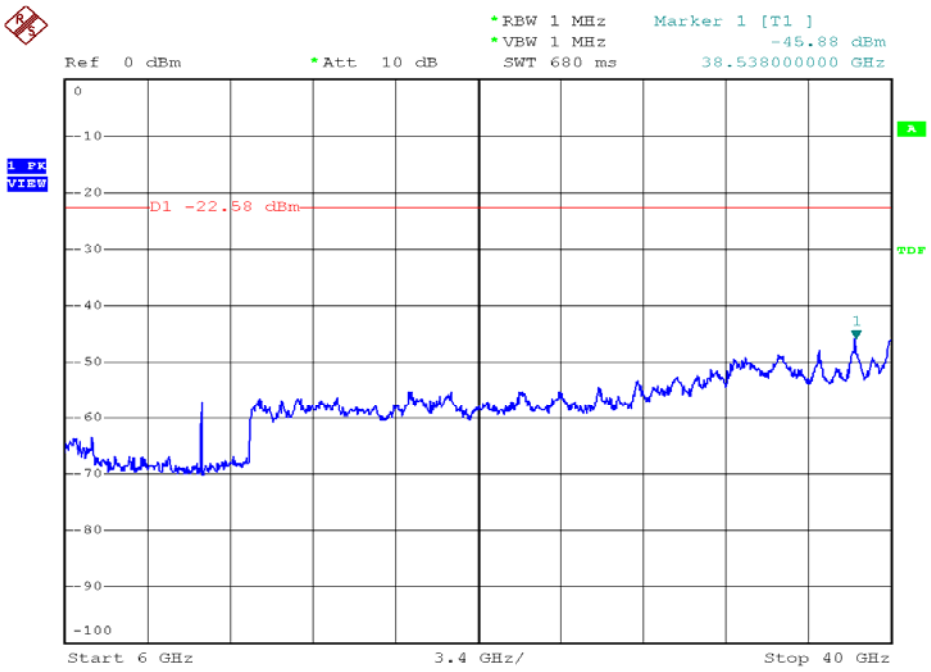


Date: 8.JAN.2009 21:26:54

Modulation Standard: 802.11a (54Mbps), Ant1
Channel: 165

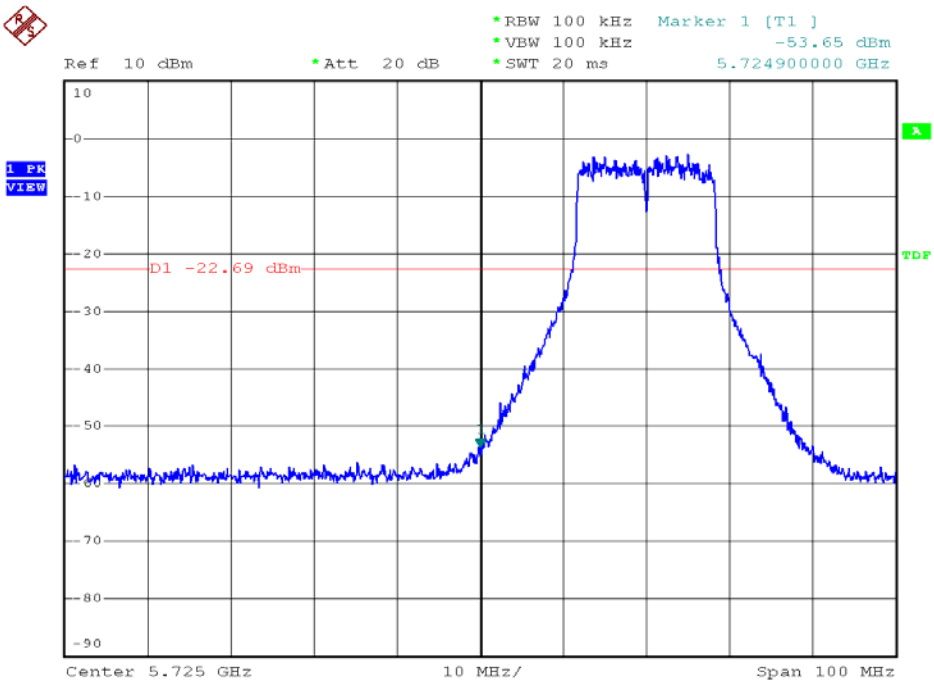


Date: 8.JAN.2009 21:37:51

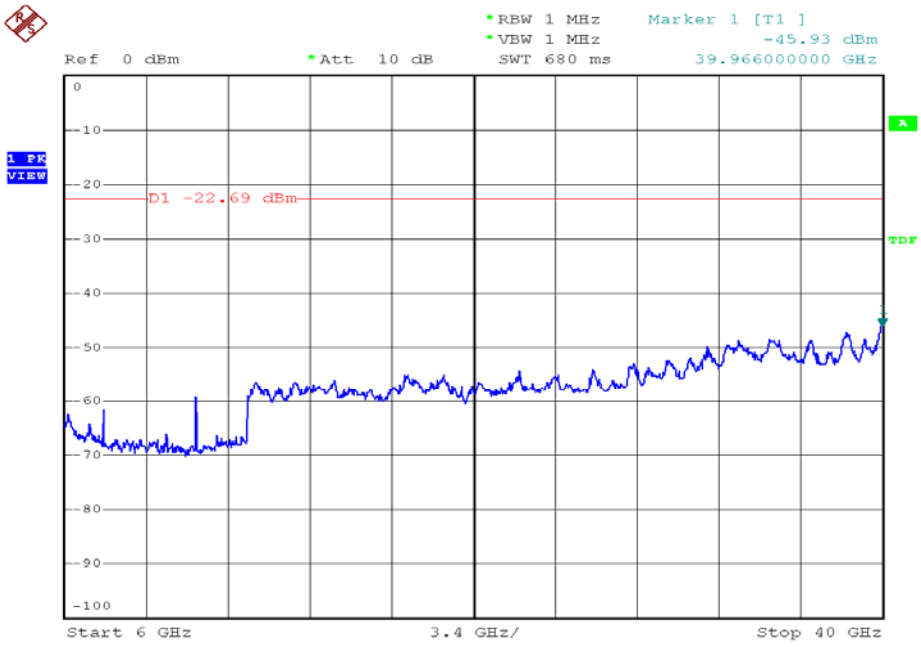


Date: 8.JAN.2009 21:41:01

Modulation Standard: 802.11a (54Mbps), Ant2
Channel: 149

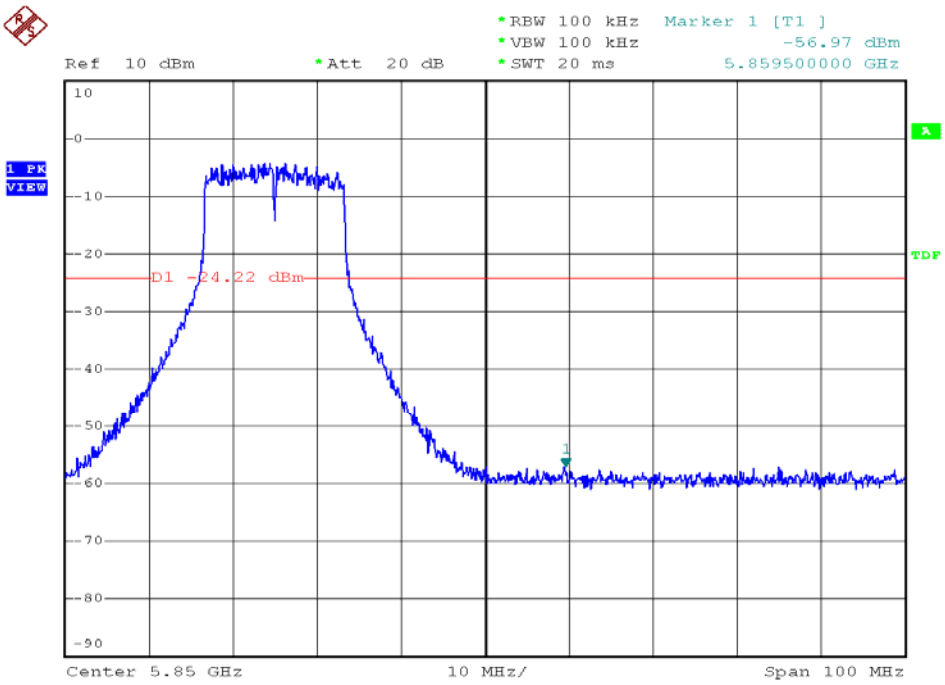


Date: 8.JAN.2009 21:18:14

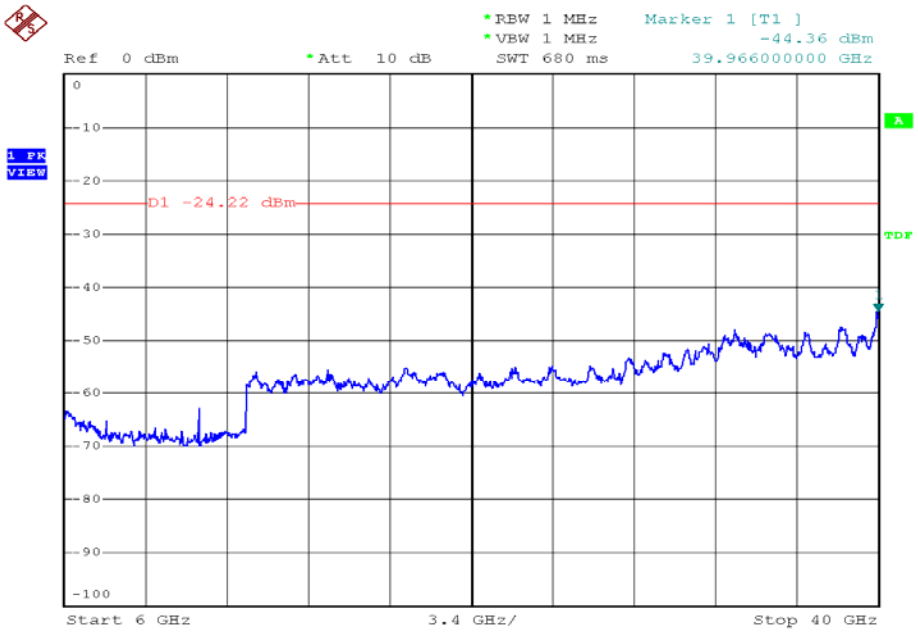


Date: 8.JAN.2009 21:26:10

Modulation Standard: 802.11a (54Mbps), Ant2
Channel: 165

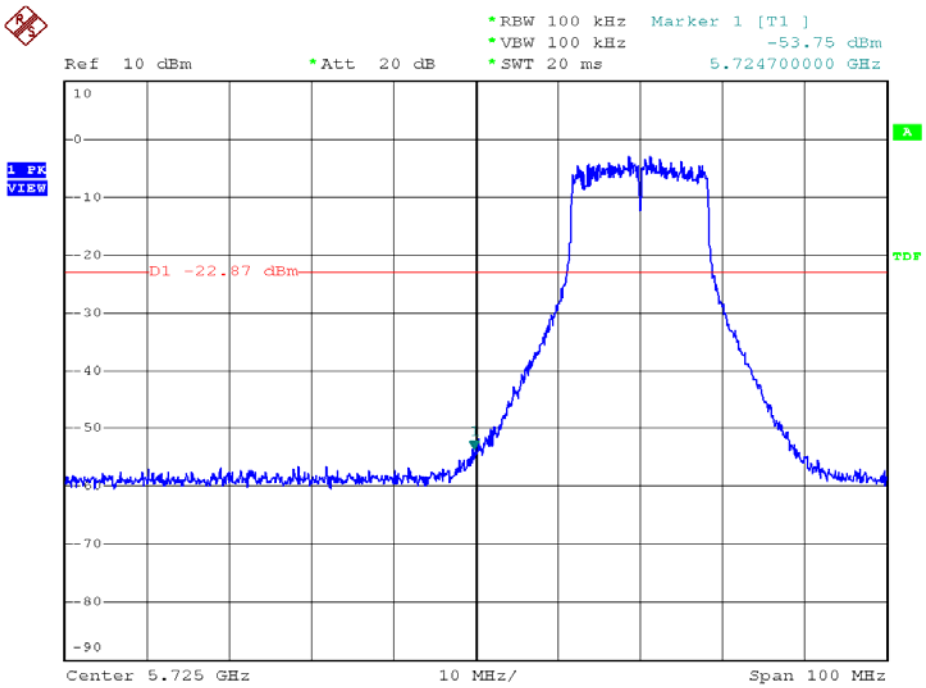


Date: 8.JAN.2009 21:35:06

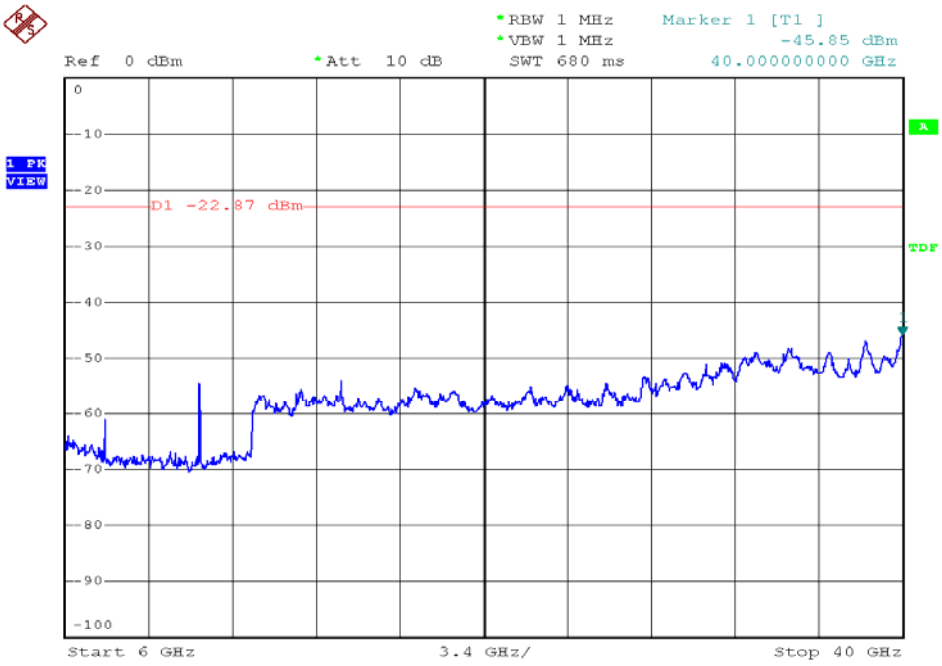


Date: 8.JAN.2009 21:41:53

Modulation Standard: 802.11a (54Mbps), Ant3
Channel: 149

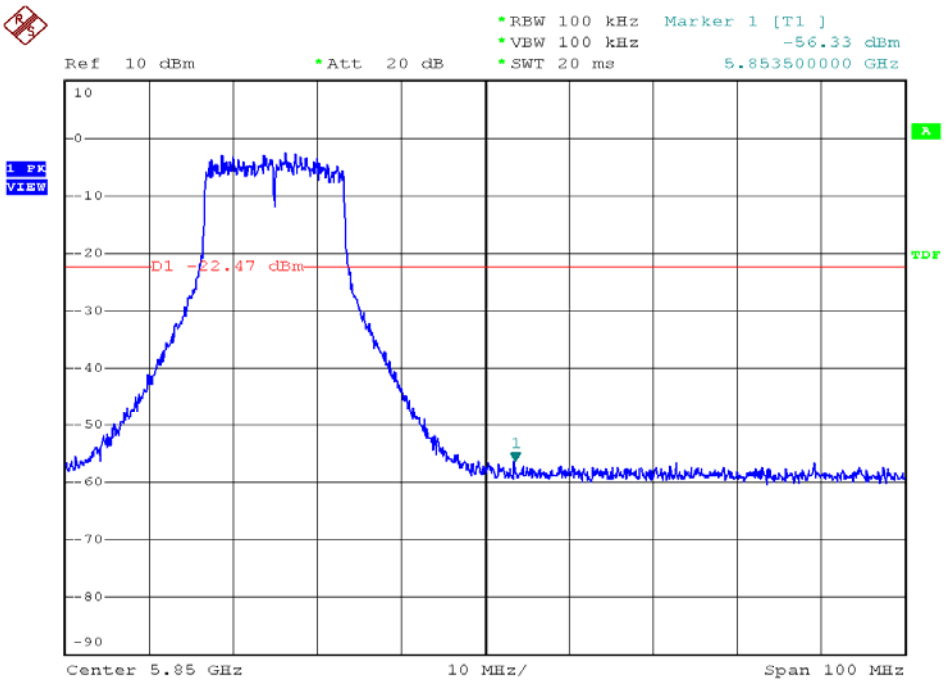


Date: 8.JAN.2009 21:16:56

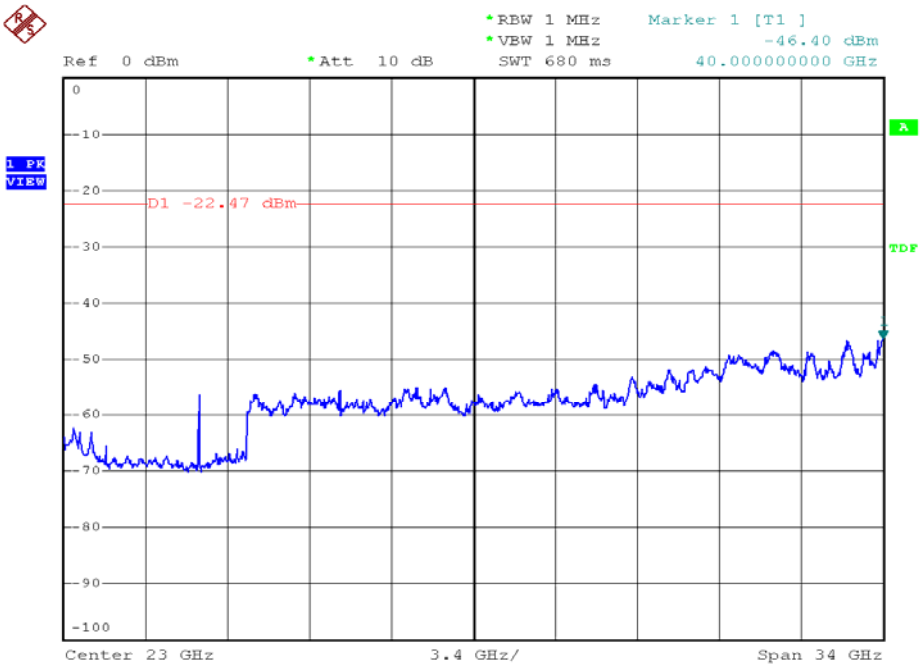


Date: 8.JAN.2009 21:24:59

Modulation Standard: 802.11a (54Mbps), Ant3
Channel: 165

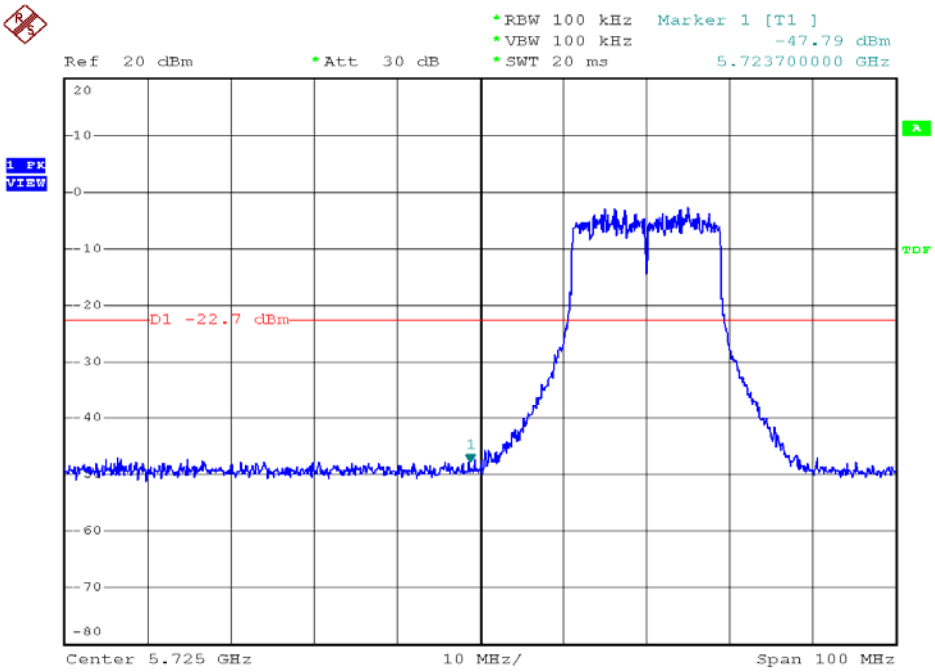


Date: 8.JAN.2009 21:33:30

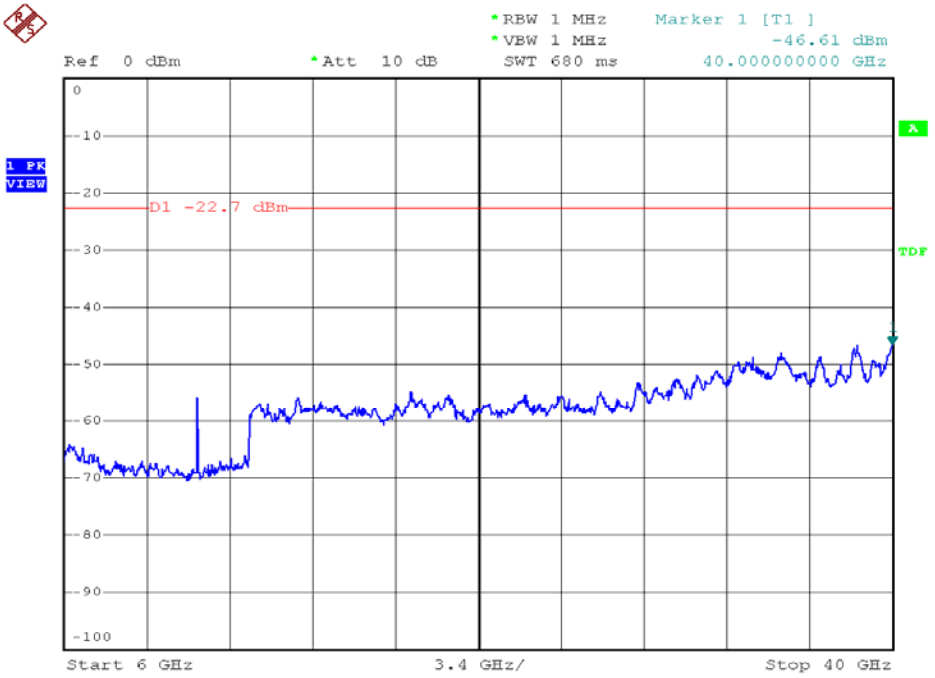


Date: 8.JAN.2009 21:42:43

Modulation Standard: 802.11an HT20 (104Mbps), Ant1
Channel: 149

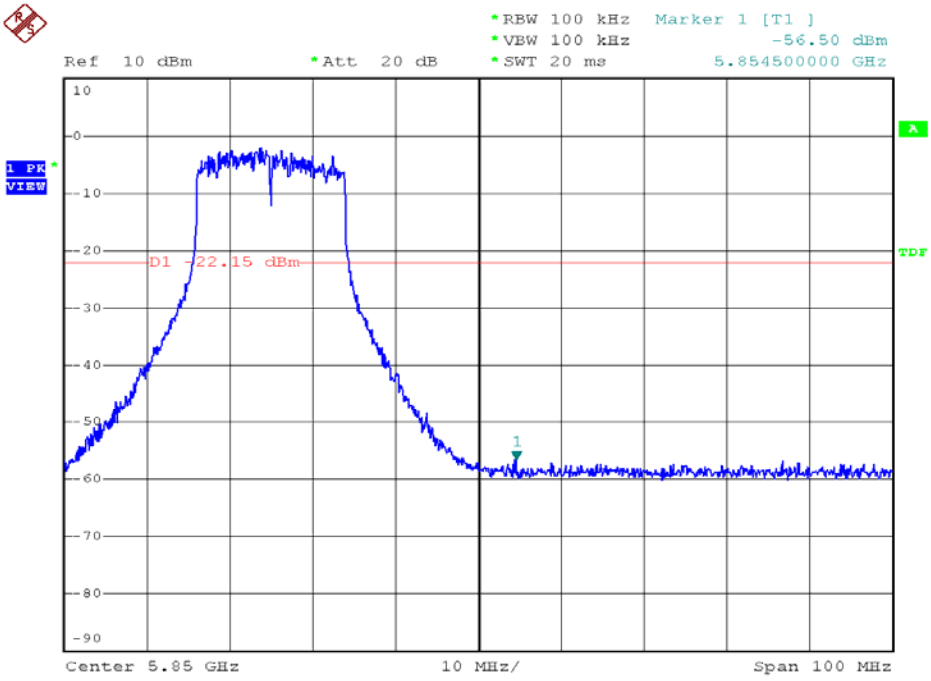


Date: 8.JAN.2009 21:51:24

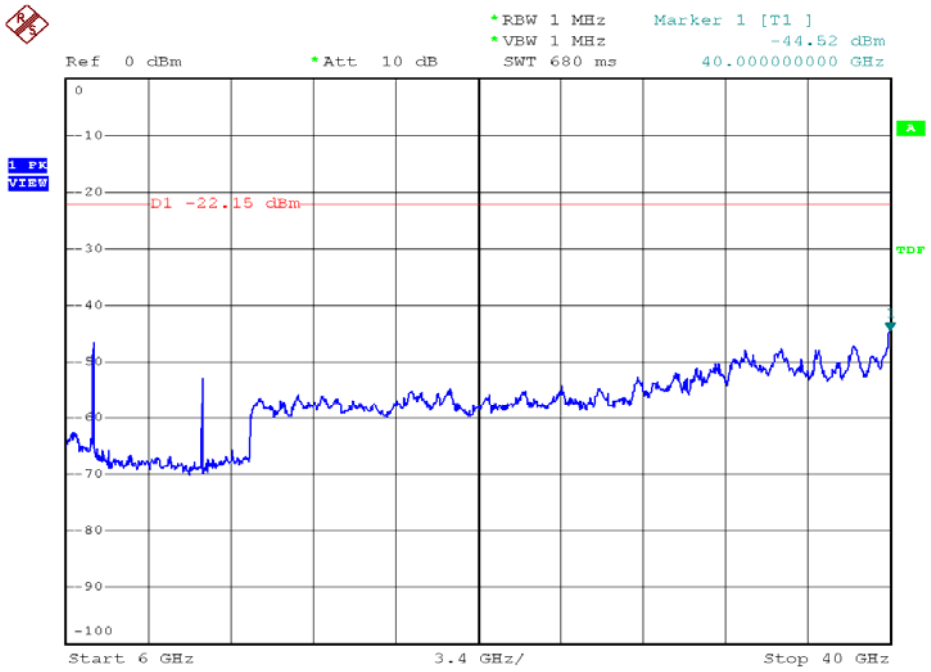


Date: 8.JAN.2009 21:52:49

Modulation Standard: 802.11an HT20 (104Mbps), Ant1
Channel: 165

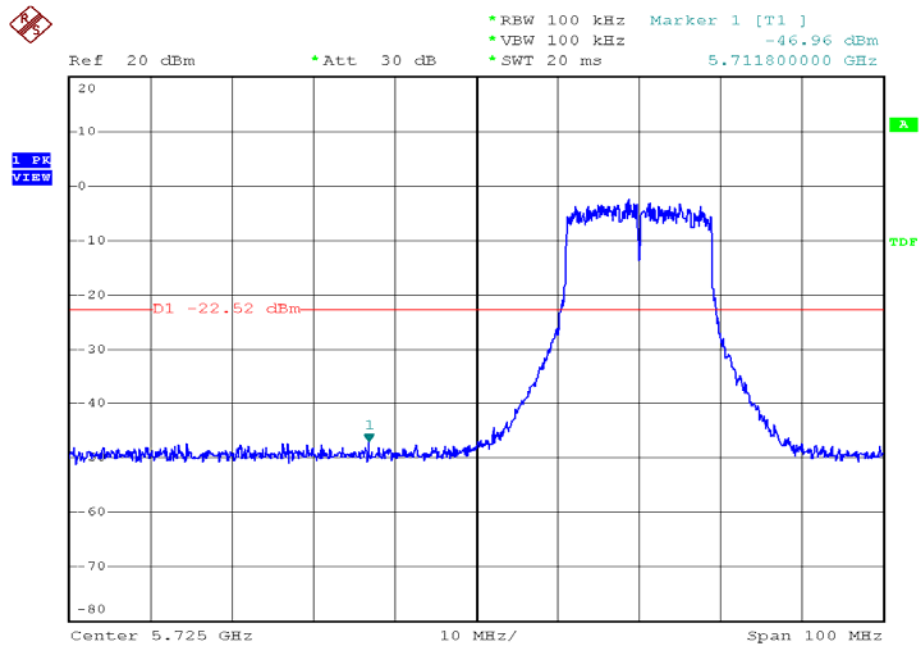


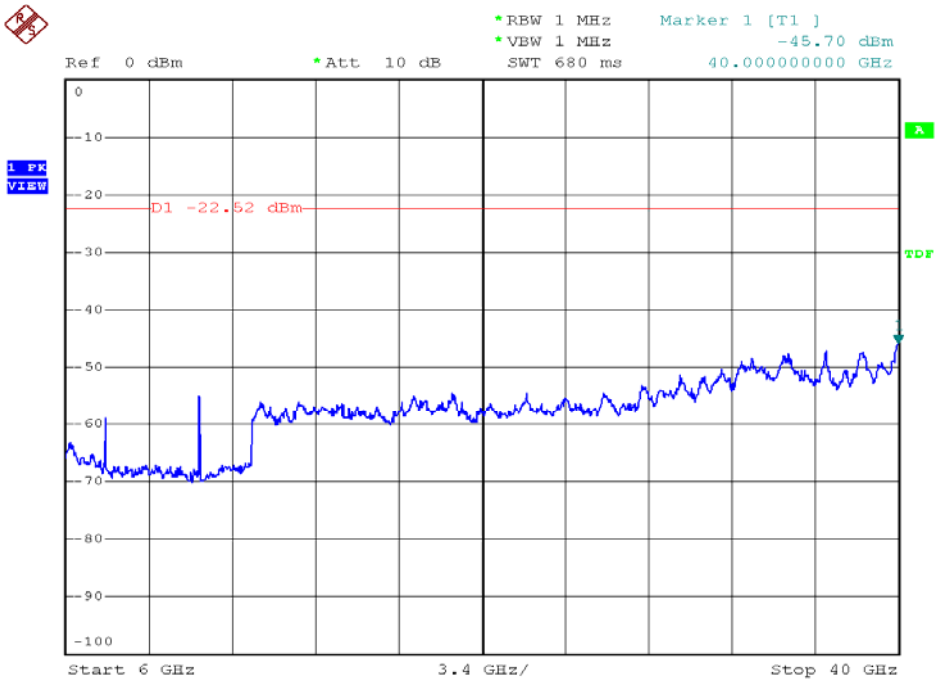
Date: 9.JAN.2009 09:28:09



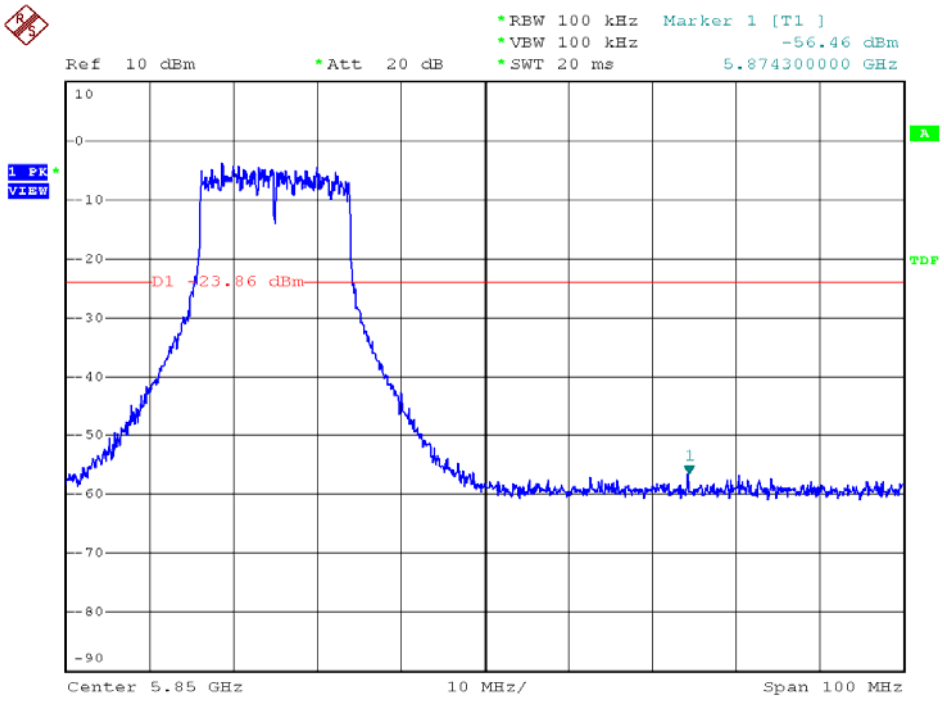
Date: 9.JAN.2009 09:31:19

Modulation Standard: 802.11an HT20 (104Mbps), Ant2
Channel: 149

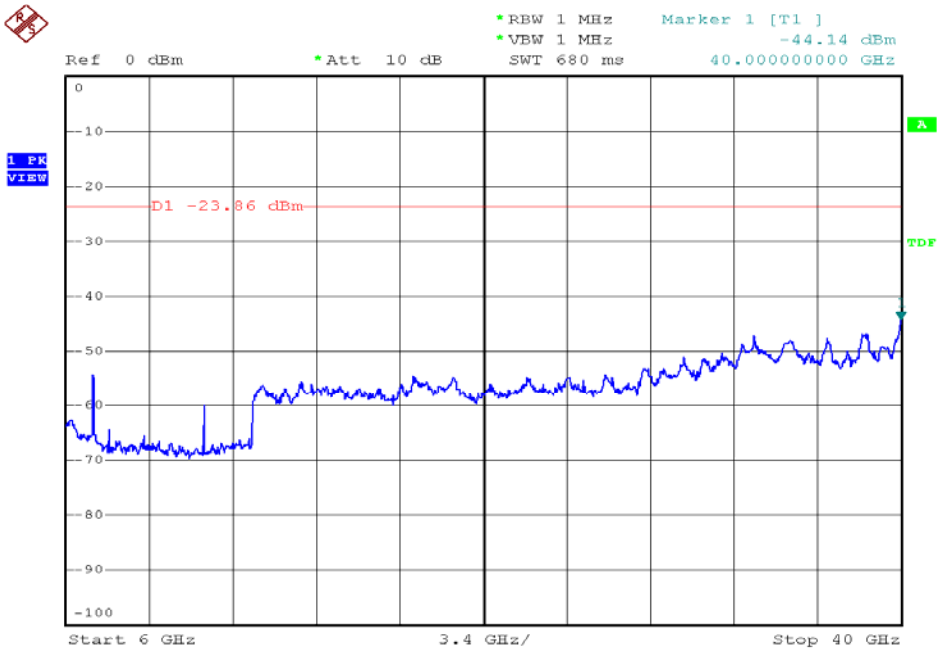




Modulation Standard: 802.11an HT20 (104Mbps), Ant2
Channel: 165

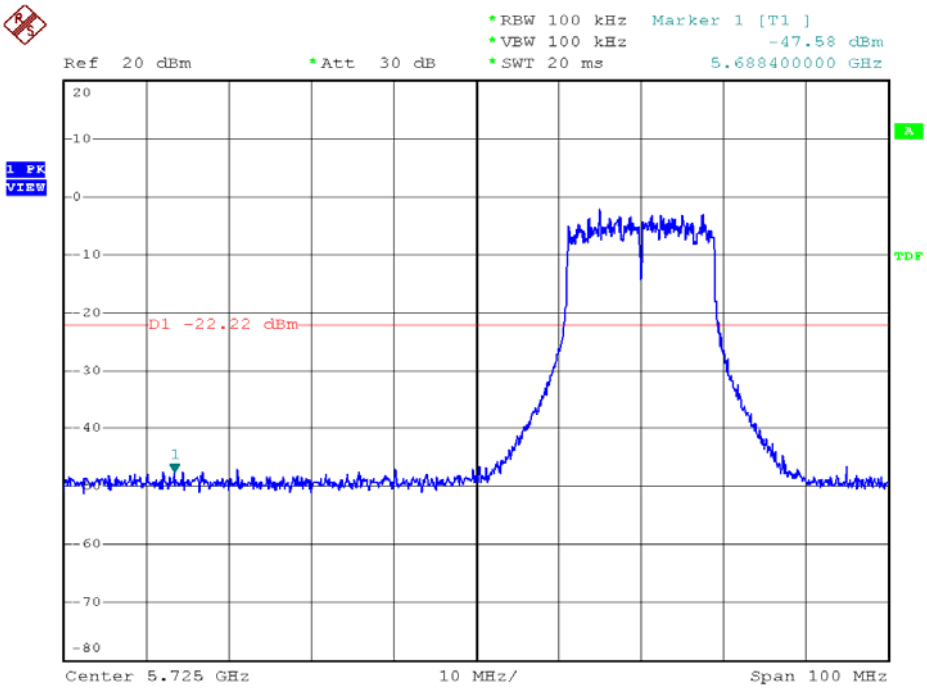


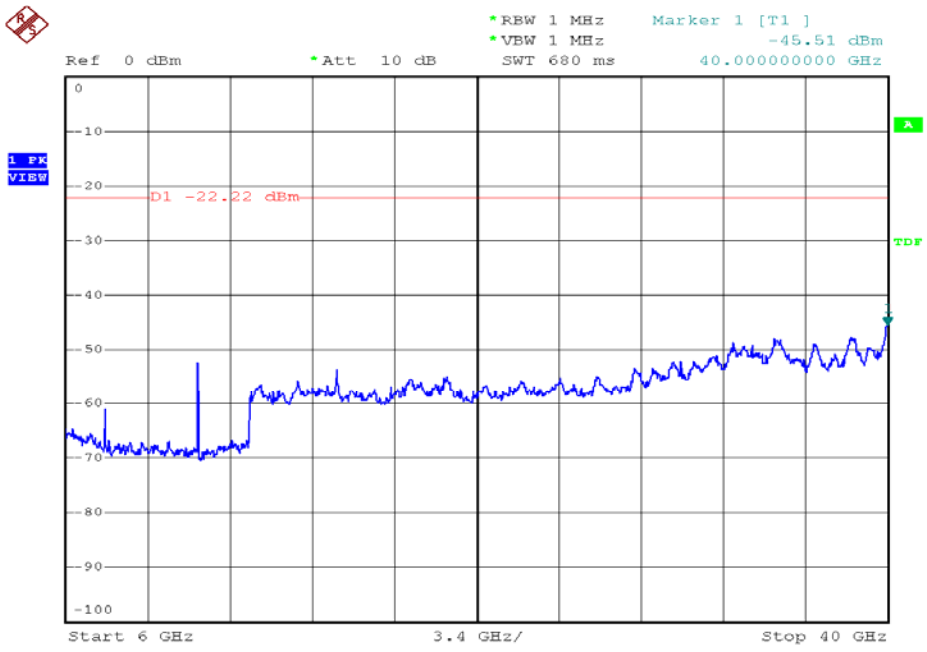
Date: 9.JAN.2009 09:26:10



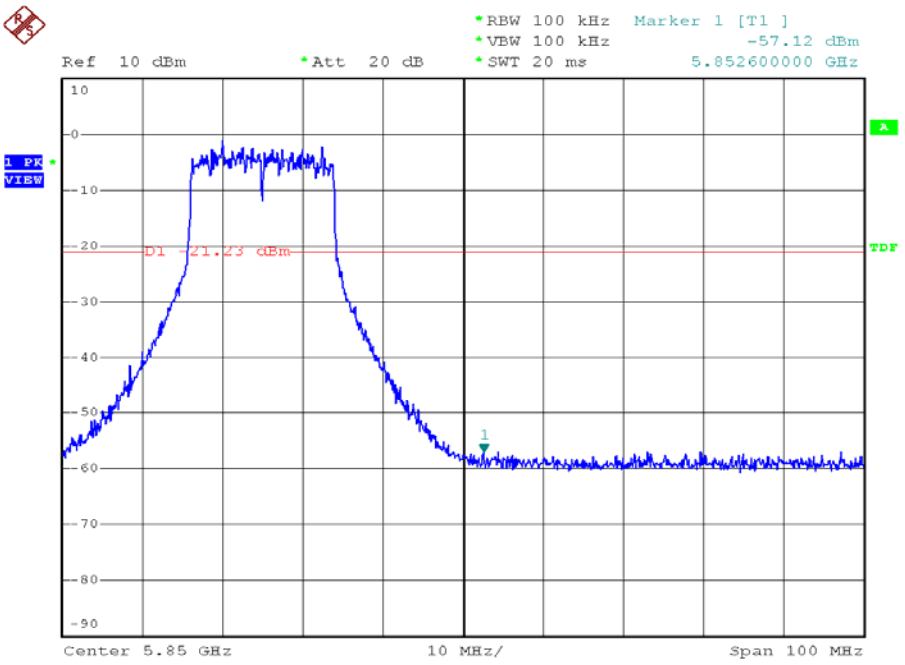
Date: 9.JAN.2009 09:32:29

Modulation Standard: 802.11an HT20 (104Mbps), Ant3
Channel: 149

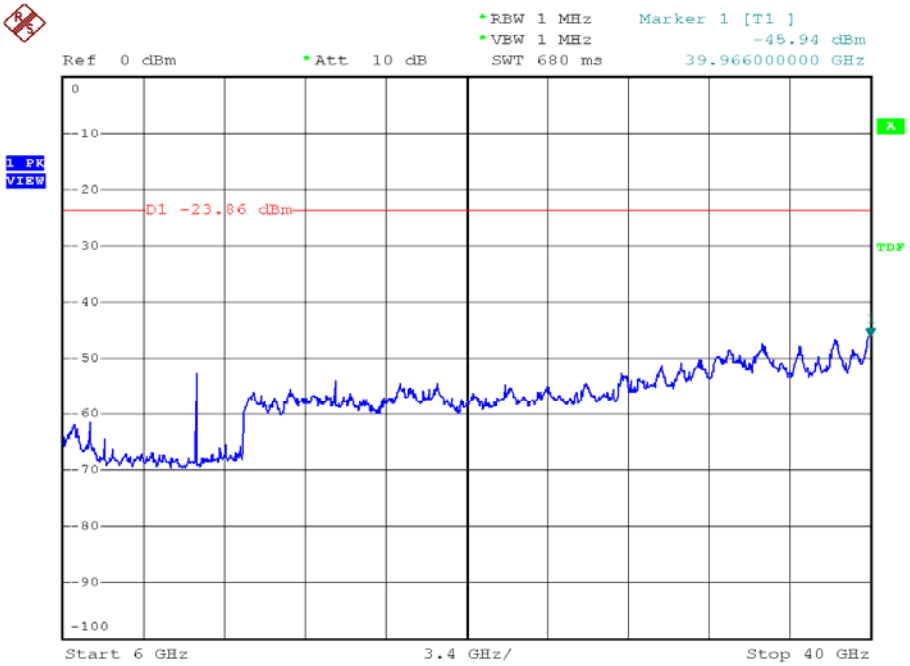




Modulation Standard: 802.11an HT20 (104Mbps), Ant3
Channel: 165

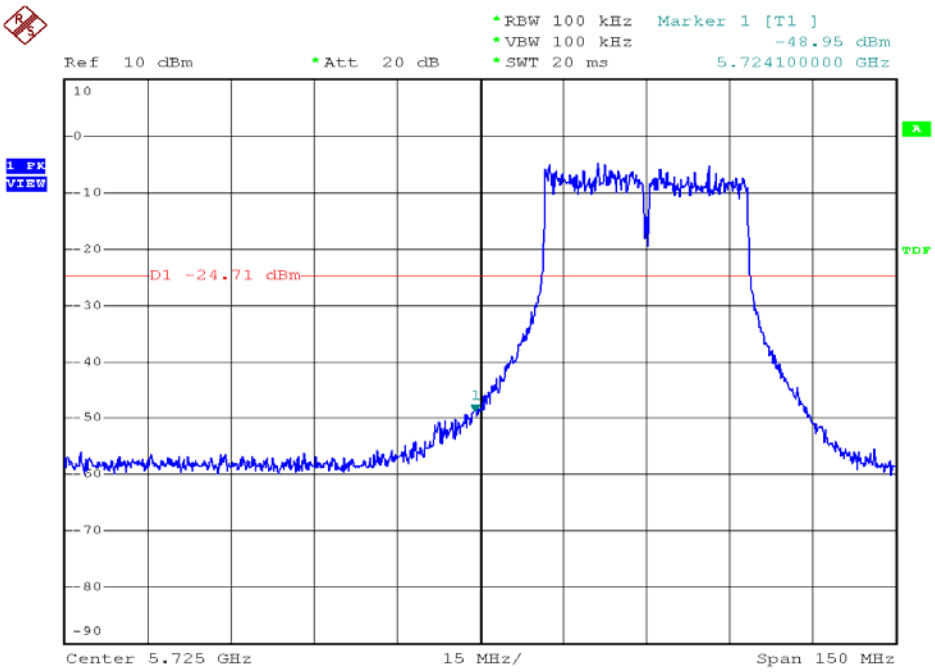


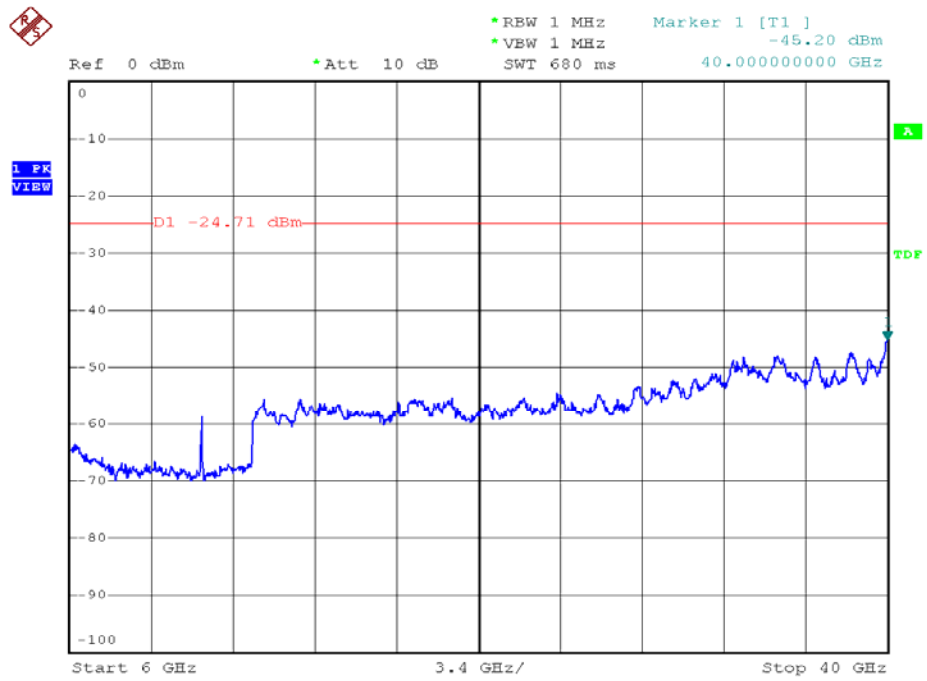
Date: 9.JAN.2009 09:24:36



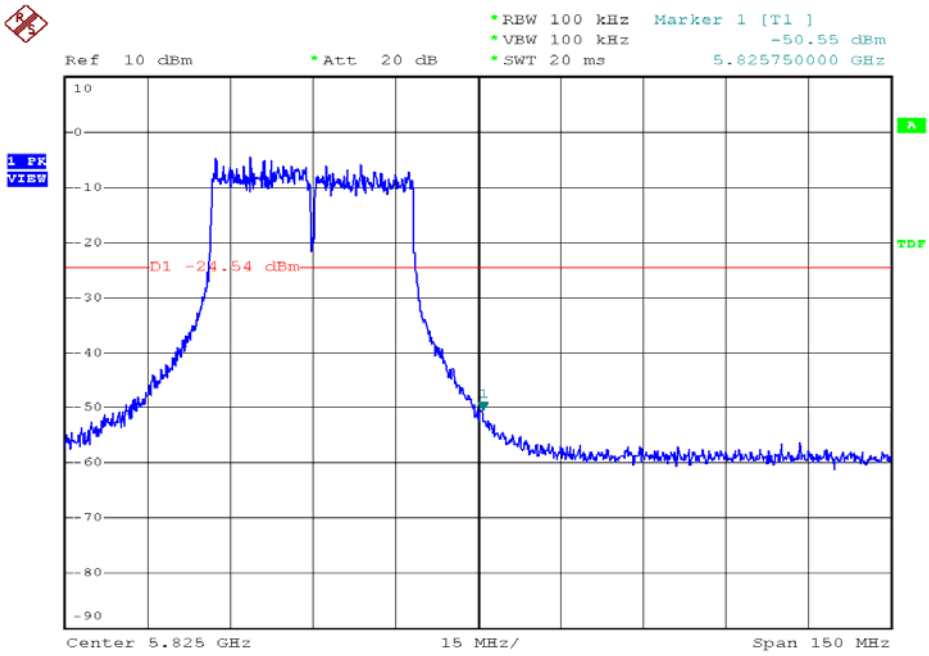
Date: 9.JAN.2009 09:33:25

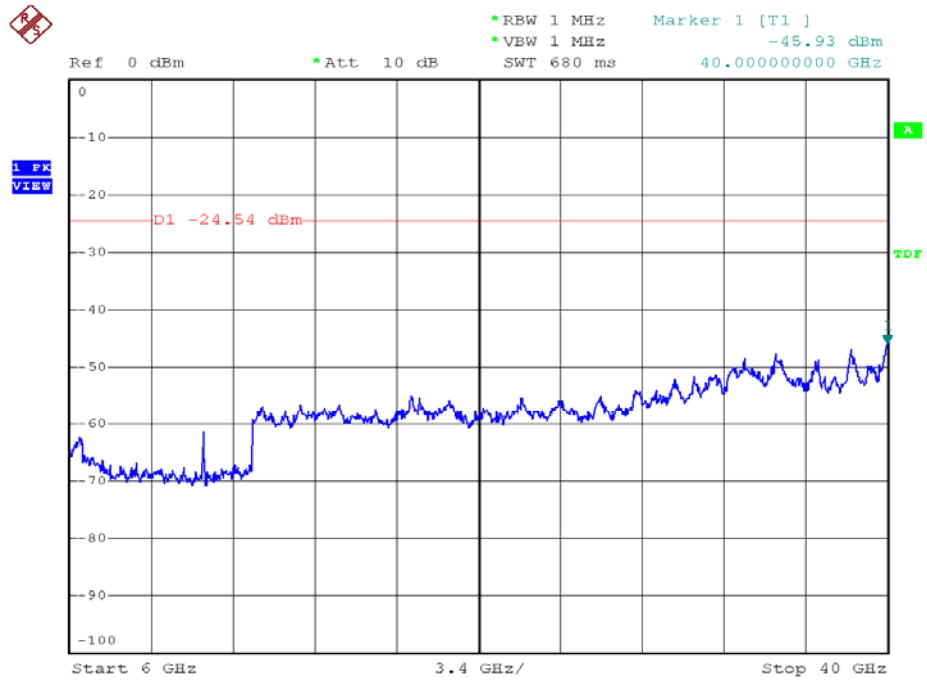
Modulation Standard: 802.11an HT40 (108Mbps), Ant1
Channel: 151



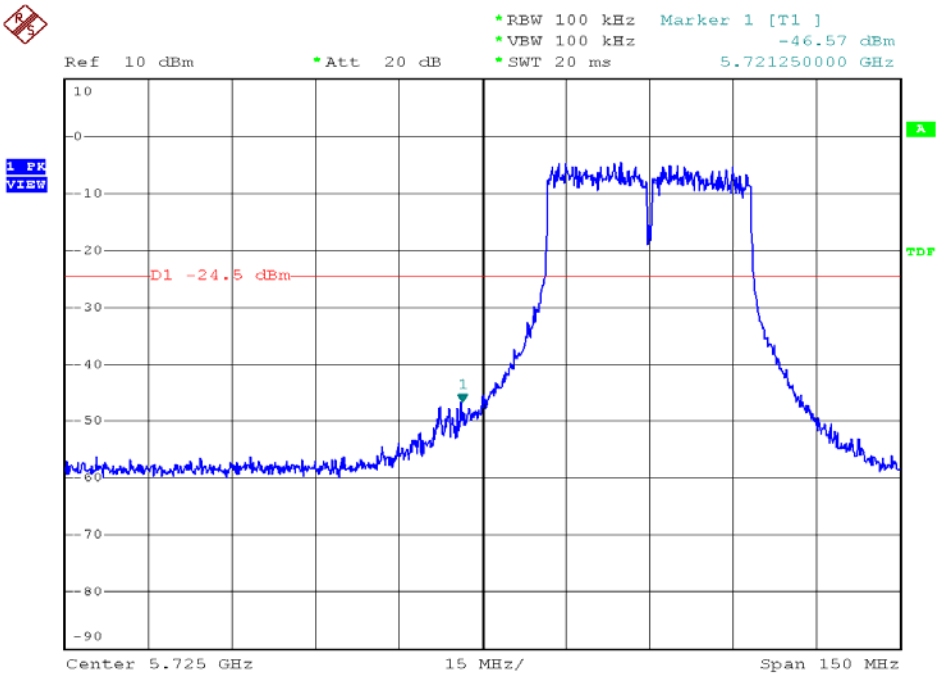


Modulation Standard: 802.11an HT40 (108Mbps), Ant1
Channel: 159

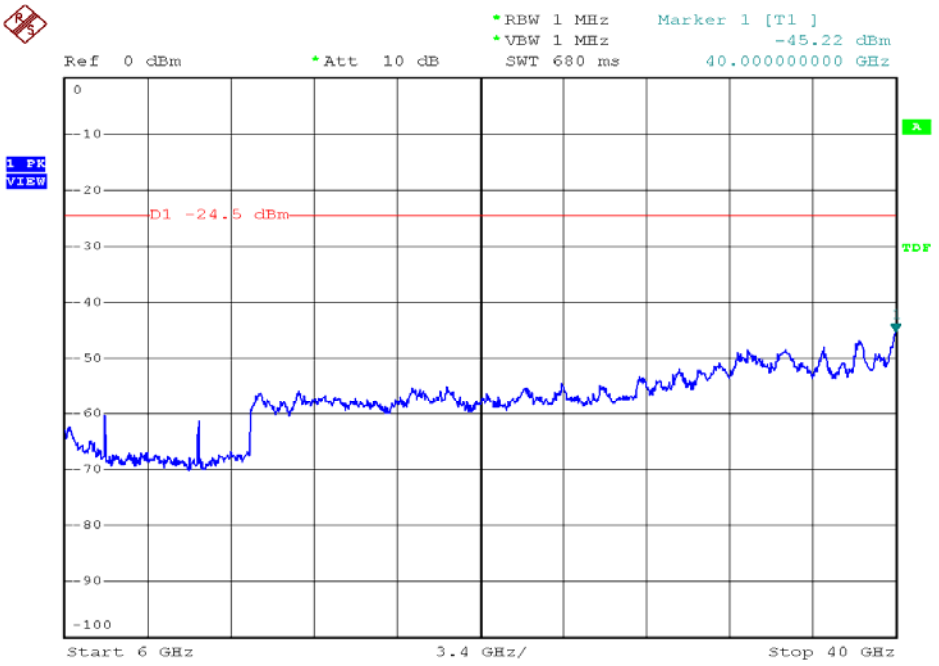




Modulation Standard: 802.11an HT40 (108Mbps), Ant2
Channel: 151

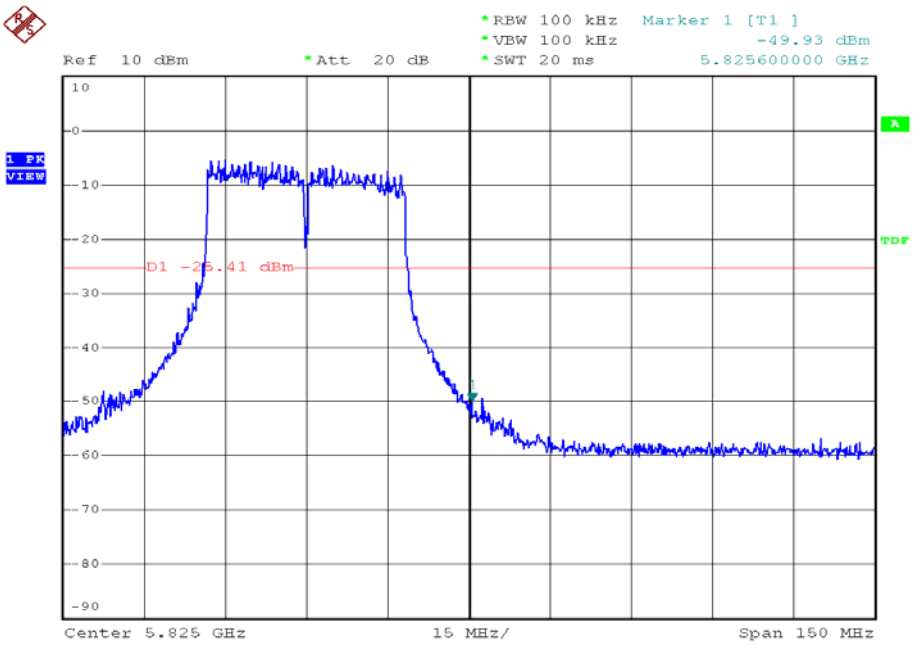


Date: 9.JAN.2009 09:43:49

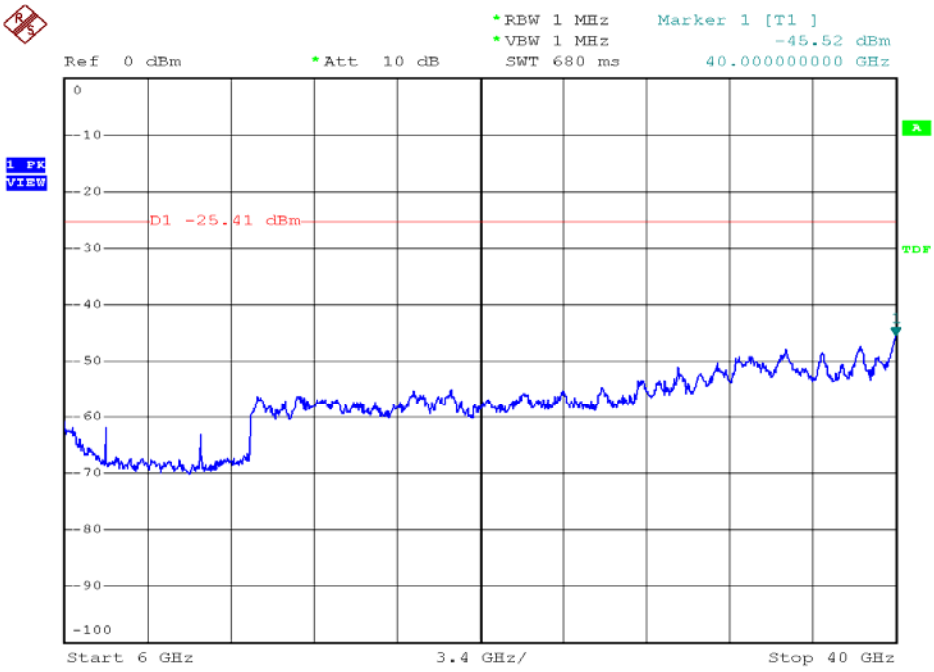


Date: 9.JAN.2009 09:48:36

Modulation Standard: 802.11an HT40 (108Mbps), Ant2
Channel: 159

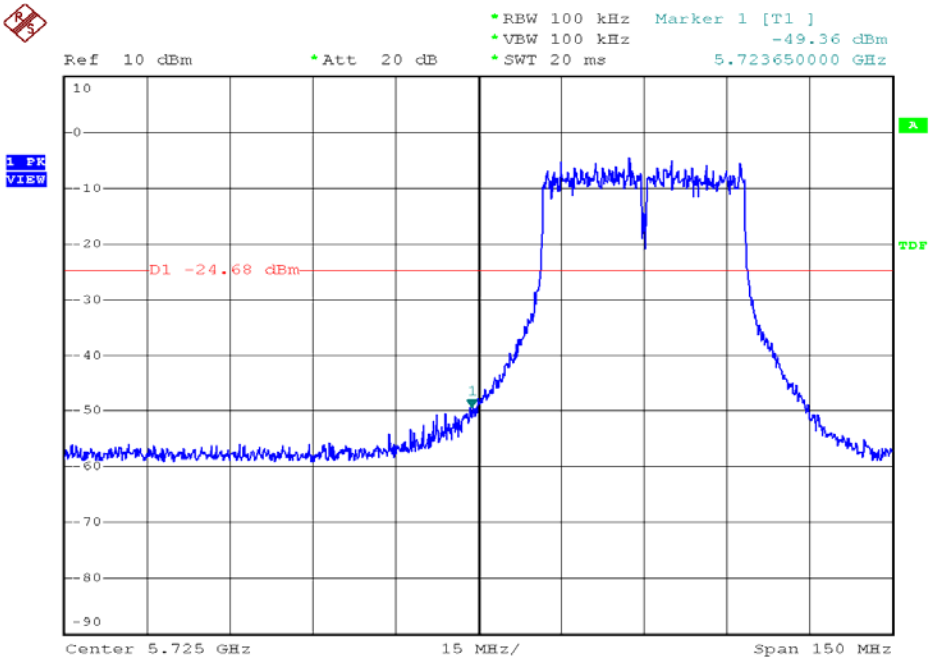


Date: 9.JAN.2009 09:54:47

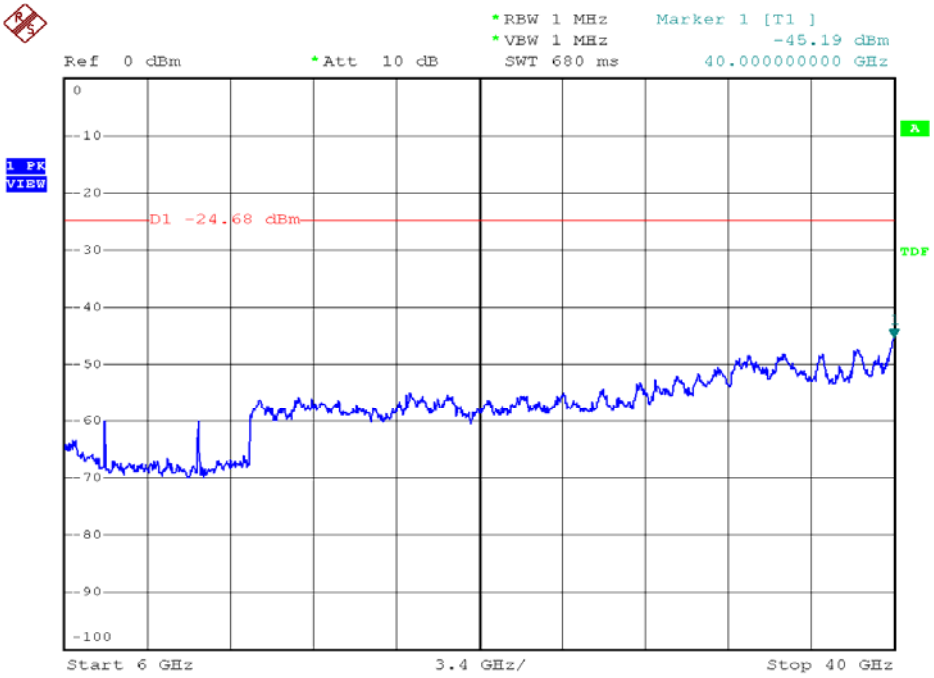


Date: 9.JAN.2009 09:58:43

Modulation Standard: 802.11an HT40 (108Mbps), Ant3
Channel: 151

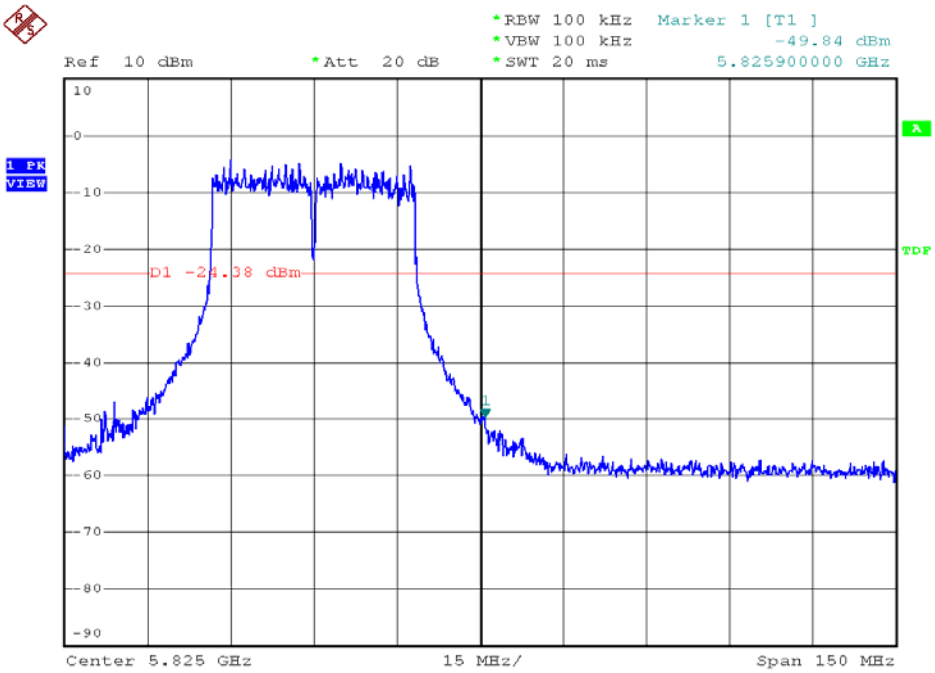


Date: 9.JAN.2009 09:42:33

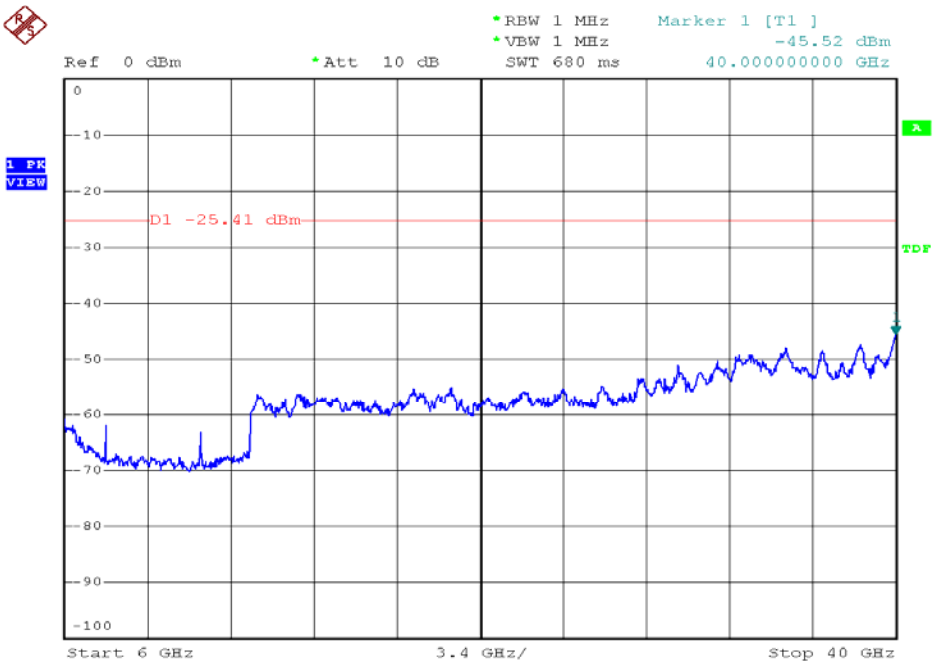


Date: 9.JAN.2009 09:49:34

Modulation Standard: 802.11an HT40 (108Mbps), Ant3
Channel: 159



Date: 9.JAN.2009 09:53:32



Date: 9.JAN.2009 10:00:00

9.6 Restrict Band Emission Measurement Data

Test Date: Jan. 10, 2009 Temperature: 25℃

Atmospheric pressure: 1026 hPa Humidity: 65%

Modulation Standard: IEEE 802.11b (11Mbps)

Channel 1										Fundamental Frequency: 2412 MHz
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2386.908	H	51.31137	-2.32975	48.98162	Peak	74	54	-25.01838	243	100
2359.98	H	38.29124	-2.43207	35.85917	Ave	74	54	-18.14083	243	100
2360.082	V	54.89614	-2.43169	52.46445	Peak	74	54	-21.53555	264	150
2359.98	V	45.78033	-2.43207	43.34826	Ave	74	54	-10.65174	264	150
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			
2484.458	H	51.1703	-1.95906	49.21124	Peak	74	54	-24.78876	236	127
2483.508	H	37.0039	-1.96267	35.04123	Ave	74	54	-18.95877	236	127
2484.762	V	53.65302	-1.95791	51.69511	Peak	74	54	-22.30489	184	100
2483.508	V	38.83262	-1.96267	36.86995	Ave	74	54	-17.13005	184	100

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			
2389.764	H	57.11186	-2.3189	54.79296	Peak	74	54	-19.20704	129	100
2389.968	H	38.85678	-2.31812	36.53866	Ave	74	54	-17.46134	129	100
2389.968	V	64.12867	-2.31817	61.81055	Peak	74	54	-12.18945	171	100
2389.968	V	43.23575	-2.31815	40.91763	Ave	74	54	-13.08237	171	100
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	60.6125	-1.96209	58.65041	Peak	74	54	-15.34959	233	122
2483.508	H	40.48128	-1.96268	38.51861	Ave	74	54	-15.4814	233	122
2483.546	V	64.41964	-1.96252	62.45712	Peak	74	54	-11.54288	123	100
2483.508	V	43.75139	-1.96267	41.78872	Ave	74	54	-12.21128	123	100

Modulation Standard: IEEE 802.11n HT20 (104Mbps)

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			
2389.866	H	52.91848	-2.31851	50.59997	Peak	74	54	-23.40003	125	100
2389.866	H	36.88872	-2.31851	34.57021	Ave	74	54	-19.42979	125	100
2389.458	V	54.519	-2.3201	52.19894	Peak	74	54	-21.80106	240	130
2389.968	V	37.97994	-2.31814	35.66182	Ave	74	54	-18.33818	240	130
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			
2483.698	H	55.23842	-1.96195	53.27647	Peak	74	54	-20.72353	233	100
2483.508	H	37.94396	-1.96276	35.98129	Ave	74	54	-18.0188	233	100
2485.028	V	61.69415	-1.95689	59.73726	Peak	74	54	-14.26274	165	100
2483.508	V	42.00249	-1.96267	40.03982	Ave	74	54	-13.96018	165	100

Modulation Standard: IEEE 802.11n HT40 (108Mbps)

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			
2389.05	H	61.42852	-2.32161	59.10691	Peak	74	54	-14.89309	123	125
2389.764	H	43.68139	-2.3189	41.36249	Ave	74	54	-12.63751	123	125
2389.866	V	67.71877	-2.31857	65.40025	Peak	74	54	-8.59975	170	100
2389.764	V	48.44176	-2.31896	46.12286	Ave	74	54	-7.87714	170	100
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			
2483.508	H	62.19813	-1.96267	60.23546	Peak	74	54	-13.76454	232	125
2483.546	H	44.04148	-1.96258	42.07896	Ave	74	54	-11.9211	232	125
2483.964	V	66.60942	-1.96094	64.64848	Peak	74	54	-9.35152	212	100
2483.508	V	46.84174	-1.96267	44.87907	Ave	74	54	-9.12093	212	100

Notes:

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

10. Restricted Bands of Operation

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

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

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

10.1 Labeling Requirement

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