

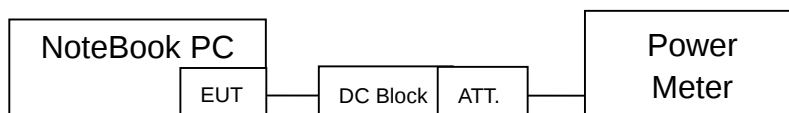
4 Maximum Peak output power test

4.1 Limit

According to FCC Part15.247 (b)(3) requirement :

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: The maximum conducted output power shall be less than 1Watt.

4.2 Configuration of Measurement



4.3 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

For FCC §15.247(b) the power output was measured on the EUT using a 50 ohm SMA cable connected to peak power meter via power sensor. Peak output power was read directly from power meter. The test was performed at 3 channels (lowest, middle and highest).

4.4 Test Result

PASS.

The final test data is shown on as following pages.

Maximum output power

2.4GHz

Single Tx

Mode : 802.11 b Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	16.40	0.0437	30	-13.60
6	22	16.77	0.0475	30	-13.23
11	22	16.10	0.0407	30	-13.90

Mode : 802.11 b Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	17.05	0.0507	30	-12.95
6	22	17.06	0.0508	30	-12.94
11	22	16.60	0.0457	30	-13.40

Mode : 802.11 b Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	16.40	0.0437	30	-13.60
6	22	15.51	0.0356	30	-14.49
11	22	17.32	0.0540	30	-12.68

Mode : 802.11 g Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	14.23	0.0265	30	-15.77
6	22	14.11	0.0258	30	-15.89
11	22	13.93	0.0247	30	-16.07

Mode : 802.11 g Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	14.39	0.0275	30	-15.61
6	22	13.89	0.0245	30	-16.11
11	22	13.92	0.0247	30	-16.08

Mode : 802.11 g Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	14.70	0.0295	30	-15.30
6	22	15.11	0.0324	30	-14.89
11	22	14.05	0.0254	30	-15.95

Mode : 802.11 n (HT20) Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	14.31	0.0270	30	-15.69
6	22	13.91	0.0246	30	-16.09
11	22	13.35	0.0216	30	-16.65

Mode : 802.11 n (HT20) Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	12.83	0.0192	30	-17.17
6	22	12.76	0.0189	30	-17.24
11	22	12.04	0.0160	30	-17.96

Mode : 802.11 n (HT20) Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
1	22	13.49	0.0223	30	-16.51
6	22	13.16	0.0207	30	-16.84
11	22	12.59	0.0182	30	-17.41

Mode : 802.11 n (HT40) Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
3	22	11.73	0.0149	30	-18.27
6	22	11.66	0.0147	30	-18.34
9	22	11.11	0.0129	30	-18.89

Mode : 802.11 n (HT40) Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
3	22	12.09	0.0162	30	-17.91
6	22	11.48	0.0141	30	-18.52
9	22	11.32	0.0136	30	-18.68

Mode : 802.11 n (HT40) Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
3	22	12.60	0.0182	30	-17.40
6	22	12.55	0.0180	30	-17.45
9	22	11.79	0.0151	30	-18.21

5GHz

Single Tx

Mode : 802.11 a Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	15.67	0.0369	30	-14.33
157	22	15.97	0.0395	30	-14.03
165	22	15.31	0.0340	30	-14.69

Mode : 802.11 a Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	15.88	0.0387	30	-14.12
157	22	16.17	0.0414	30	-13.83
165	22	15.57	0.0361	30	-14.43

Mode : 802.11 a Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	13.89	0.0245	30	-16.11
157	22	16.87	0.0486	30	-13.13
165	22	13.46	0.0222	30	-16.54

Mode : 802.11 n (HT20) Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	15.63	0.0366	30	-14.37
157	22	15.66	0.0368	30	-14.34
165	22	15.14	0.0327	30	-14.86

Mode : 802.11 n (HT20) Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	15.39	0.0346	30	-14.61
157	22	15.84	0.0384	30	-14.16
165	22	15.26	0.0336	30	-14.74

Mode : 802.11 n (HT20) Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
149	22	13.42	0.0220	30	-16.58
157	22	15.31	0.0340	30	-14.69
165	22	12.90	0.0195	30	-17.10

Mode : 802.11 n (HT40) Chain A					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
151	22	15.65	0.0367	30	-14.35
159	22	14.91	0.0310	30	-15.09

Mode : 802.11 n (HT40) Chain B					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
151	22	14.61	0.0289	30	-15.39
159	22	15.73	0.0374	30	-14.27

Mode : 802.11 n (HT40) Chain C					
CH	Temp. (°C)	Maximum transmit power		Limit (dBm)	Margin (dB)
		(dBm)	(watts)		
151	22	14.20	0.0263	30	-15.80
159	22	16.02	0.0400	30	-13.98

2.4GHz

Dual Tx

Mode : 802.11 n (HT20) Chain A+B							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	(dBm)	(watts)		
1	22	12.30	12.33	15.33	0.0341	30	-14.67
6	22	11.98	12.24	15.12	0.0325	30	-14.88
11	22	11.76	12.16	14.97	0.0314	30	-15.03

Mode : 802.11 n (HT20) Chain B+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain B	Chain C	(dBm)	(watts)		
1	22	12.10	12.71	15.43	0.0349	30	-14.57
6	22	11.95	12.27	15.12	0.0325	30	-14.88
11	22	11.51	11.63	14.58	0.0287	30	-15.42

Mode : 802.11 n (HT20) Chain A+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain C	(dBm)	(watts)		
1	22	11.89	12.72	15.34	0.0342	30	-14.66
6	22	11.30	12.51	14.96	0.0313	30	-15.04
11	22	10.83	11.68	14.29	0.0269	30	-15.71

Mode : 802.11 n (HT40) Chain A+B							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	(dBm)	(watts)		
3	22	9.00	9.62	12.33	0.0171	30	-17.67
6	22	8.92	8.99	11.97	0.0157	30	-18.03
9	22	8.80	8.89	11.86	0.0153	30	-18.14

Mode : 802.11 n (HT40) Chain B+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain B	Chain C	(dBm)	(watts)		
3	22	10.13	10.49	13.32	0.0215	30	-16.68
6	22	10.14	10.43	13.30	0.0214	30	-16.70
9	22	9.42	9.88	12.67	0.0185	30	-17.33

Mode : 802.11 n (HT40) Chain A+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain C	(dBm)	(watts)		
3	22	9.70	10.48	13.12	0.0205	30	-16.88
6	22	9.67	10.45	13.09	0.0204	30	-16.91
9	22	9.44	9.79	12.63	0.0183	30	-17.37

5GHz

Dual Tx

Mode : 802.11 n (HT20) Chain A+B							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	(dBm)	(watts)		
149	22	14.46	14.23	17.36	0.0545	30	-12.64
157	22	14.24	14.63	17.45	0.0556	30	-12.55
165	22	14.02	14.28	17.16	0.0520	30	-12.84

Mode : 802.11 n (HT20) Chain B+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain B	Chain C	(dBm)	(watts)		
149	22	14.28	11.53	16.13	0.0410	30	-13.87
157	22	14.51	15.02	17.78	0.0600	30	-12.22
165	22	14.30	11.69	16.20	0.0417	30	-13.80

Mode : 802.11 n (HT20) Chain A+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain C	(dBm)	(watts)		
149	22	14.64	12.01	16.53	0.0450	30	-13.47
157	22	14.16	14.66	17.43	0.0553	30	-12.57
165	22	13.80	12.03	16.01	0.0399	30	-13.99

Mode : 802.11 n (HT40) Chain A+B							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	(dBm)	(watts)		
151	22	14.40	14.52	17.47	0.0558	30	-12.53
159	22	14.28	14.63	17.47	0.0558	30	-12.53

Mode : 802.11 n (HT40) Chain B+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain B	Chain C	(dBm)	(watts)		
151	22	14.67	12.43	16.70	0.0468	30	-13.30
159	22	14.65	14.53	17.60	0.0575	30	-12.40

Mode : 802.11 n (HT40) Chain A+C							
CH	Temp. (°C)	Maximum transmit power (dBm)		Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain C	(dBm)	(watts)		
151	22	14.64	12.50	16.71	0.0469	30	-13.29
159	22	14.47	14.64	17.57	0.0571	30	-12.43

2.4GHz

Triple Tx

Mode : 802.11 n (HT20) Chain A+B+C								
CH	Temp. (°C)	Maximum transmit power (dBm)			Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	Chain C	(dBm)	(watts)		
1	22	9.68	10.23	10.76	15.02	0.0318	30	-14.98
6	22	9.83	9.94	10.85	15.00	0.0316	30	-15.00
11	22	9.05	10.18	9.21	14.28	0.0268	30	-15.72

Mode : 802.11 n (HT40) Chain A+B+C								
CH	Temp. (°C)	Maximum transmit power (dBm)			Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	Chain C	(dBm)	(watts)		
3	22	9.78	10.53	10.61	15.09	0.0323	30	-14.91
6	22	10.00	10.35	10.26	14.98	0.0315	30	-15.02
9	22	9.43	10.24	9.52	14.52	0.0283	30	-15.48

5GHz

Triple Tx

Mode : 802.11 n (HT20) Chain A+B+C								
CH	Temp. (°C)	Maximum transmit power (dBm)			Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	Chain C	(dBm)	(watts)		
149	22	12.66	12.14	9.98	16.51	0.0448	30	-13.49
157	22	12.53	12.35	12.62	17.27	0.0533	30	-12.73
165	22	12.14	12.26	9.78	16.30	0.0427	30	-13.70

Mode : 802.11 n (HT40) Chain A+B+C								
CH	Temp. (°C)	Maximum transmit power (dBm)			Total Output Power		Limit (dBm)	Margin (dB)
		Chain A	Chain B	Chain C	(dBm)	(watts)		
151	22	12.15	12.06	10.35	16.37	0.0434	30	-13.63
159	22	12.19	12.36	12.49	17.12	0.0515	30	-12.88

5 Power test of Data Rate

Chain A

Mode	Bandwidth (MHz)	Channel	Data Rate	Output Power	
				(dBm)	(watts)
802.11 b	20	6	1	16.52	0.0449
			5.5	16.49	0.0446
			11	16.77	0.0475
802.11 g	20	6	6	14.11	0.0258
			36	13.87	0.0244
			54	13.74	0.0237
802.11 n	20	6	HT0	13.91	0.0246
			HT4	13.85	0.0243
			HT7	13.70	0.0234
802.11 n	40	6	HT0	11.66	0.0147
			HT4	10.72	0.0118
			HT7	10.65	0.0116
802.11 a	20	48	6	16.16	0.0413
			36	15.88	0.0387
			54	15.71	0.0372
802.11 n	20	120	HT0	16.43	0.0440
			HT4	16.34	0.0431
			HT7	15.89	0.0388
802.11 n	40	159	HT0	14.91	0.0310
			HT4	14.64	0.0291
			HT7	14.44	0.0278

Chain B

Mode	Bandwidth (MHz)	Channel	Data Rate	Output Power	
				(dBm)	(watts)
802.11 b	20	6	1	16.96	0.0497
			5.5	17.04	0.0506
			11	17.06	0.0508
802.11 g	20	6	6	13.89	0.0245
			36	13.56	0.0227
			54	13.46	0.0222
802.11 n	20	6	HT0	12.76	0.0189
			HT4	12.23	0.0167
			HT7	12.15	0.0164
802.11 n	40	6	HT0	11.48	0.0141
			HT4	11.10	0.0129
			HT7	11.00	0.0126
802.11 a	20	48	6	16.25	0.0422
			36	16.12	0.0409
			54	15.97	0.0395
802.11 n	20	120	HT0	15.58	0.0361
			HT4	15.49	0.0354
			HT7	15.05	0.0320
802.11 n	40	159	HT0	15.73	0.0374
			HT4	14.98	0.0315
			HT7	14.83	0.0304

Chain C

Mode	Bandwidth (MHz)	Channel	Data Rate	Output Power	
				(dBm)	(watts)
802.11 b	20	6	1	15.47	0.0352
			5.5	15.46	0.0352
			11	15.51	0.0356
802.11 g	20	6	6	15.44	0.0350
			36	14.68	0.0294
			54	14.61	0.0289
802.11 n	20	6	HT0	13.16	0.0207
			HT4	12.87	0.0194
			HT7	12.74	0.0188
802.11 n	40	6	HT0	12.55	0.0180
			HT4	12.25	0.0168
			HT7	11.93	0.0156
802.11 a	20	48	6	15.26	0.0336
			36	15.13	0.0326
			54	15.05	0.0320
802.11 n	20	120	HT0	14.96	0.0313
			HT4	14.92	0.0310
			HT7	14.82	0.0303
802.11 n	40	159	HT0	16.02	0.0400
			HT4	15.76	0.0377
			HT7	15.69	0.0371

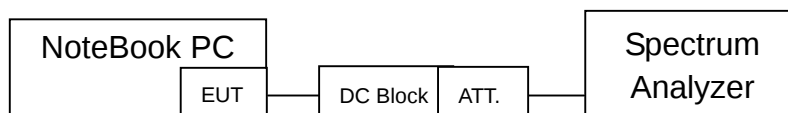
6 6dB Bandwidth

6.1 Limit

According to FCC Part15.247 (a)(2) requirement :

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6dB bandwidth shall be at least 500 kHz.

6.2 Configuration of Measurement



6.3 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The minimum 6dB bandwidth was measured using a 50 ohm spectrum analyzer with the resolutions bandwidth set at 100kHz, the video bandwidth set $\geq$ RBW, and the SPAN>>RBW. The test was performed at 3 channels (lowest, middle and highest).

6.4 Test Result

PASS.

The final test data is shown on as following pages.

6dB bandwidth

2.4GHz

Test Mode : 802.11b					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
1	2412	11.24	11.52	11.20	>500
6	2437	11.24	11.80	11.60	>500
11	2462	11.24	11.76	11.60	>500

Test Mode : 802.11g					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
1	2412	16.48	16.48	16.16	>500
6	2437	16.48	16.48	16.44	>500
11	2462	16.48	16.48	16.44	>500

Test Mode : 802.11n (HT20)					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
1	2412	17.68	17.60	17.28	>500
6	2437	17.68	17.40	17.64	>500
11	2462	17.68	17.64	17.28	>500

Test Mode : 802.11n (HT40)					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
3	2422	35.52	35.36	35.60	>500
6	2437	35.52	35.36	35.52	>500
9	2452	35.60	35.36	35.28	>500

5GHz

Test Mode : 802.11a					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
149	5745	16.44	16.48	16.44	>500
157	5785	16.44	16.44	16.44	>500
165	5825	16.44	16.44	16.44	>500

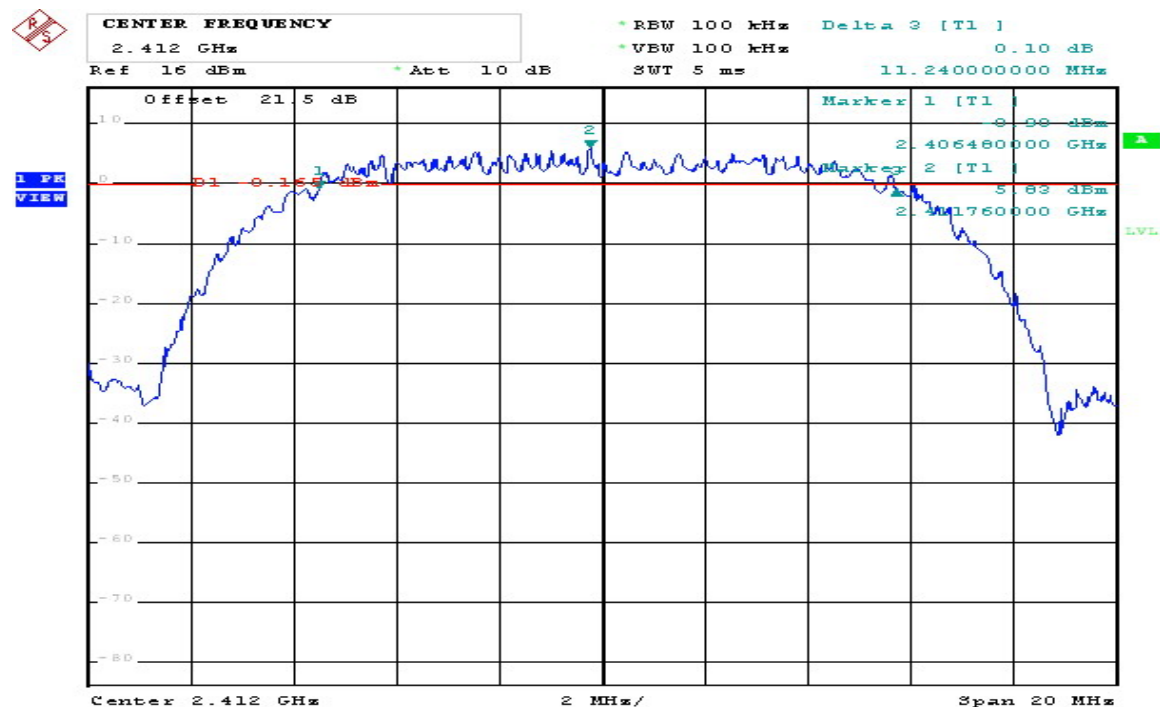
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CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
149	5745	17.64	17.68	17.44	>500
157	5785	17.64	17.64	17.64	>500
165	5825	17.40	17.64	17.40	>500

Test Mode : 802.11n (HT40)					
CH No.	Freq. (MHz)	6dB Bandwidth (MHz)			Limit (kHz)
		Chain A	Chain B	Chain C	
151	5755	35.60	35.36	35.36	>500
159	5795	35.60	35.52	35.44	>500

6dB Bandwidth

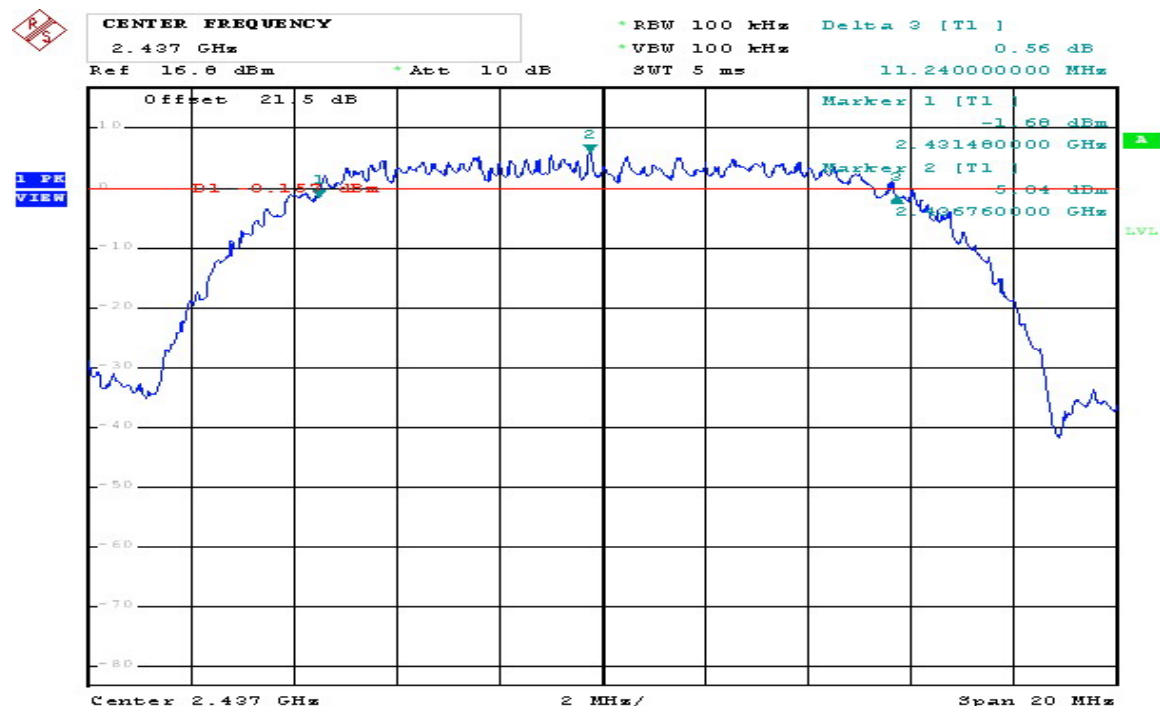
2.4GHz

802.11b CH1 2412MHz Chain A



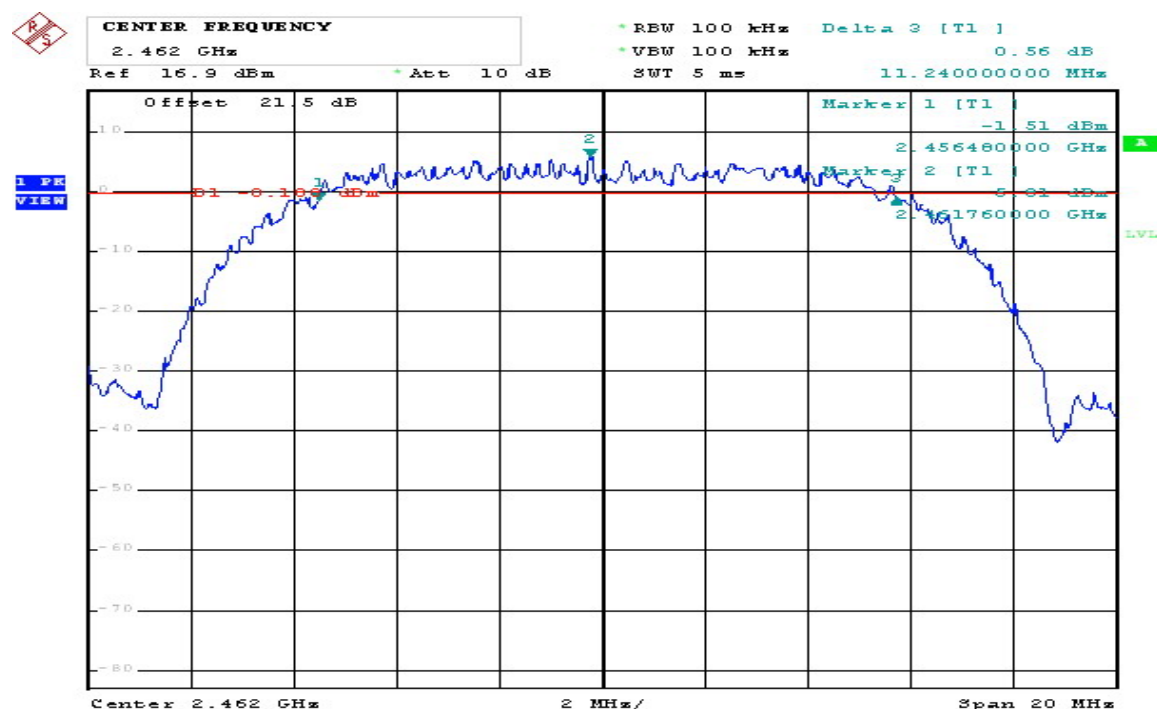
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802.11b CH6 2437MHz Chain A



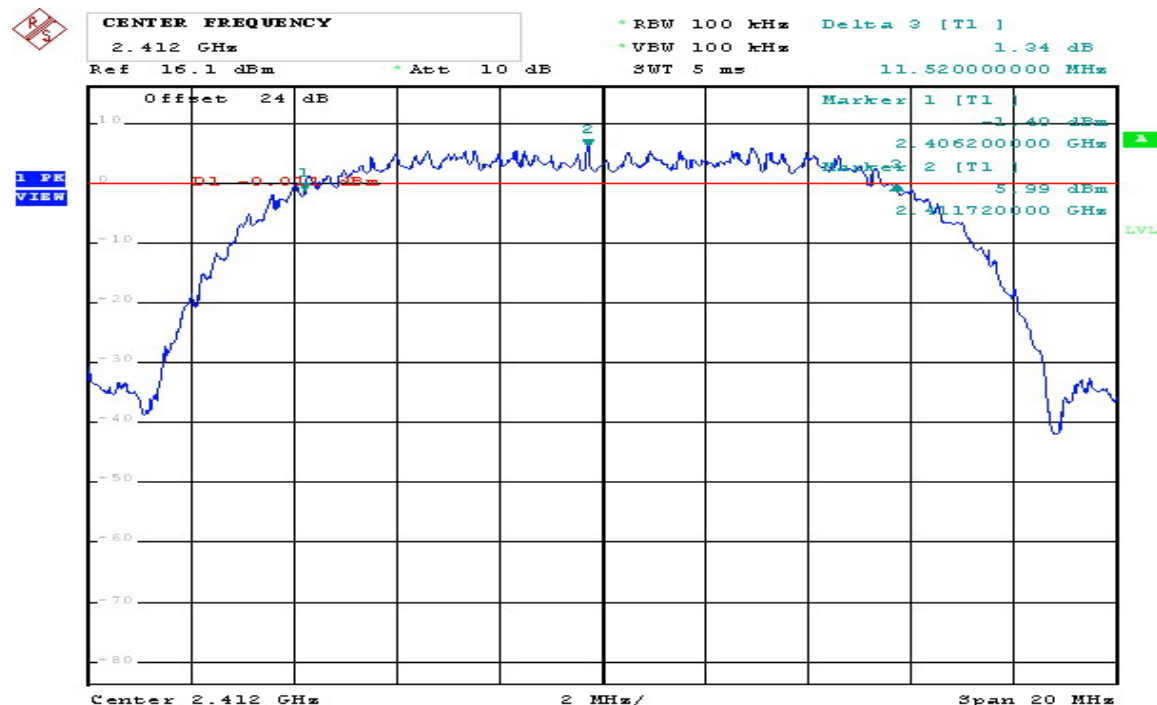
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802.11b CH11 2462MHz Chain A



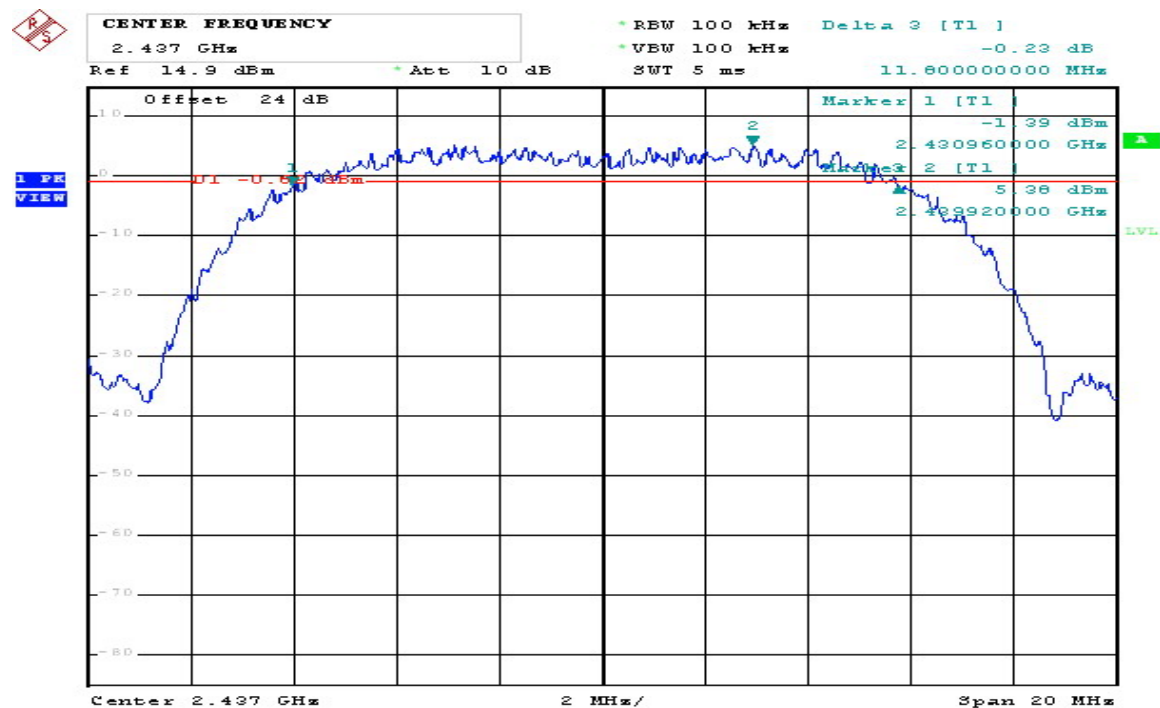
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Date: 11.NOV.2008 14:34:37

802.11b CH1 2412MHz Chain B



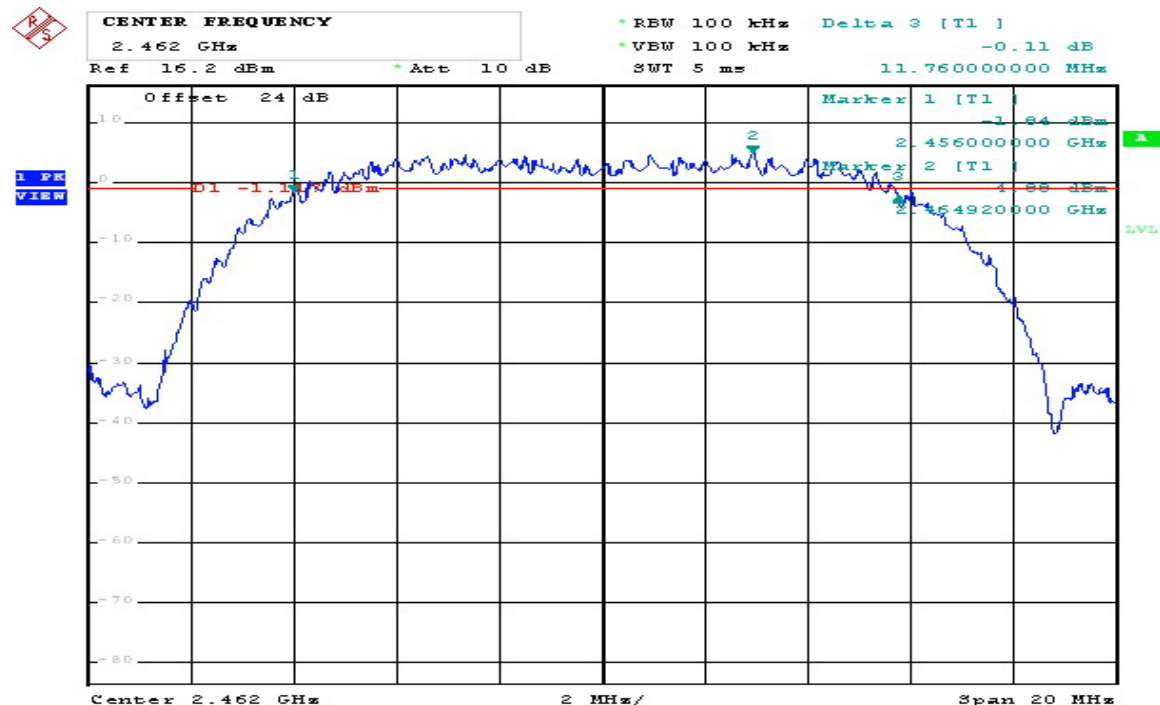
Comment: 802.11b 2412MHz
Date: 11.NOV.2008 14:45:55

802.11b CH6 2437MHz Chain B



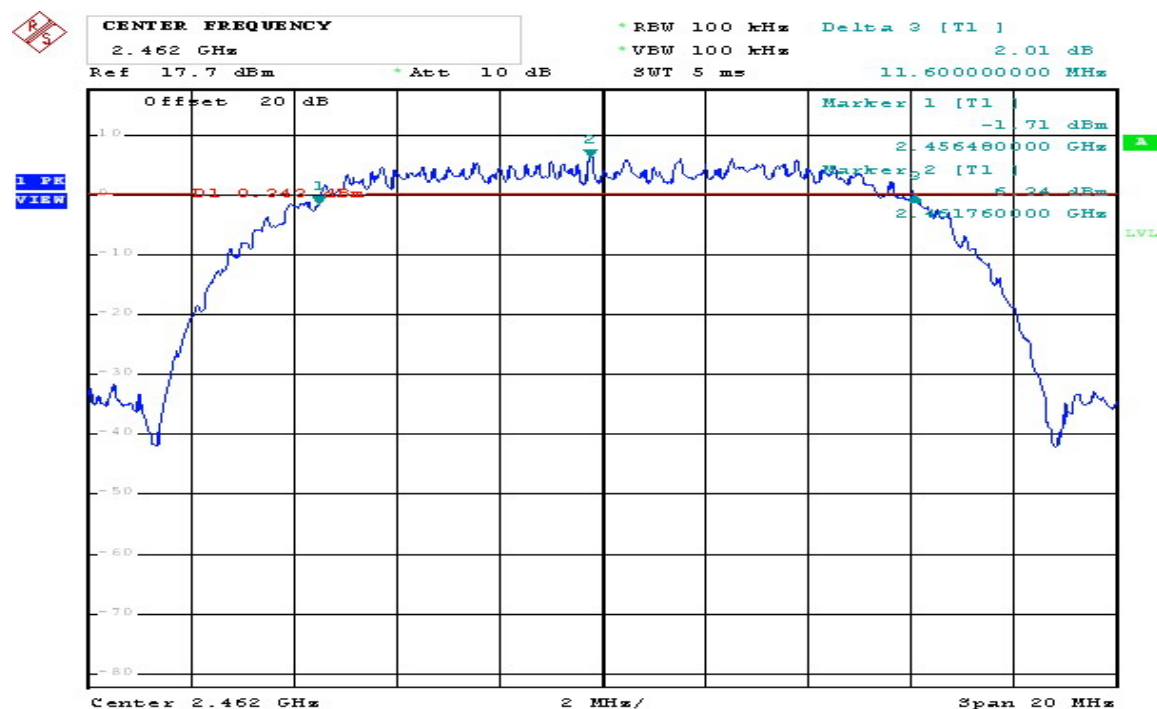
Comment: 802.11b 2437MHz
Date: 11.NOV.2008 14:43:56

802.11b CH11 2462MHz Chain B



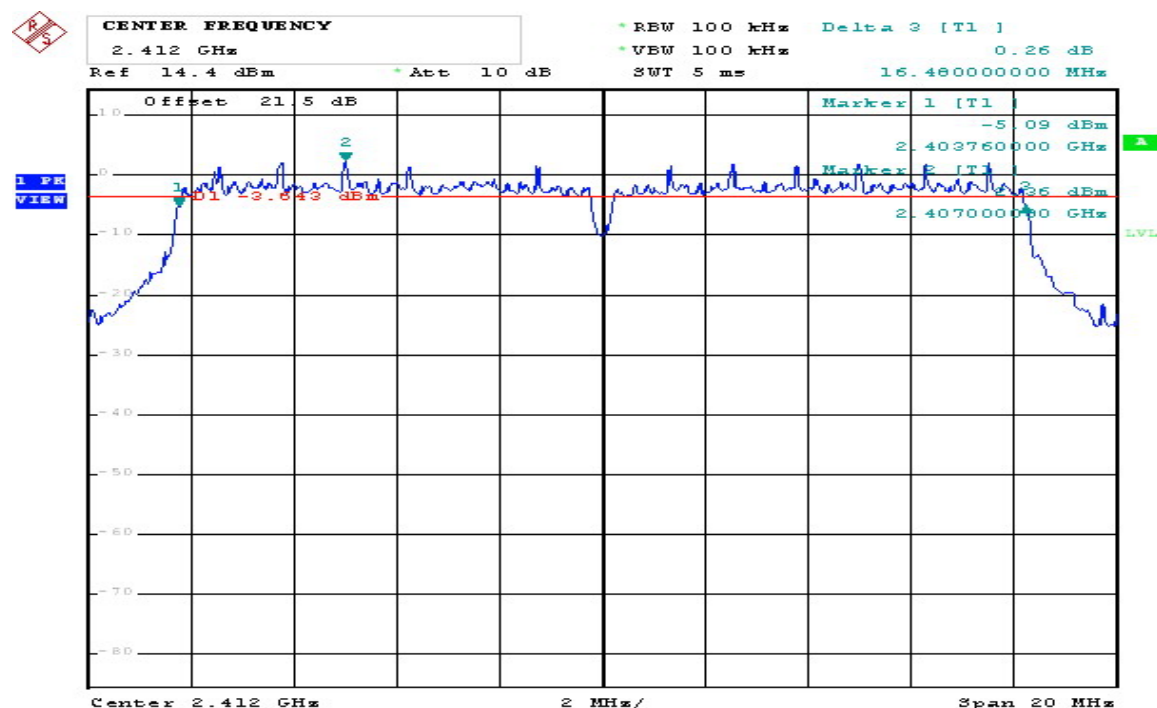
Comment: 802.11b 2462MHz
Date: 11.NOV.2008 14:41:56

802.11b CH11 2462MHz Chain C



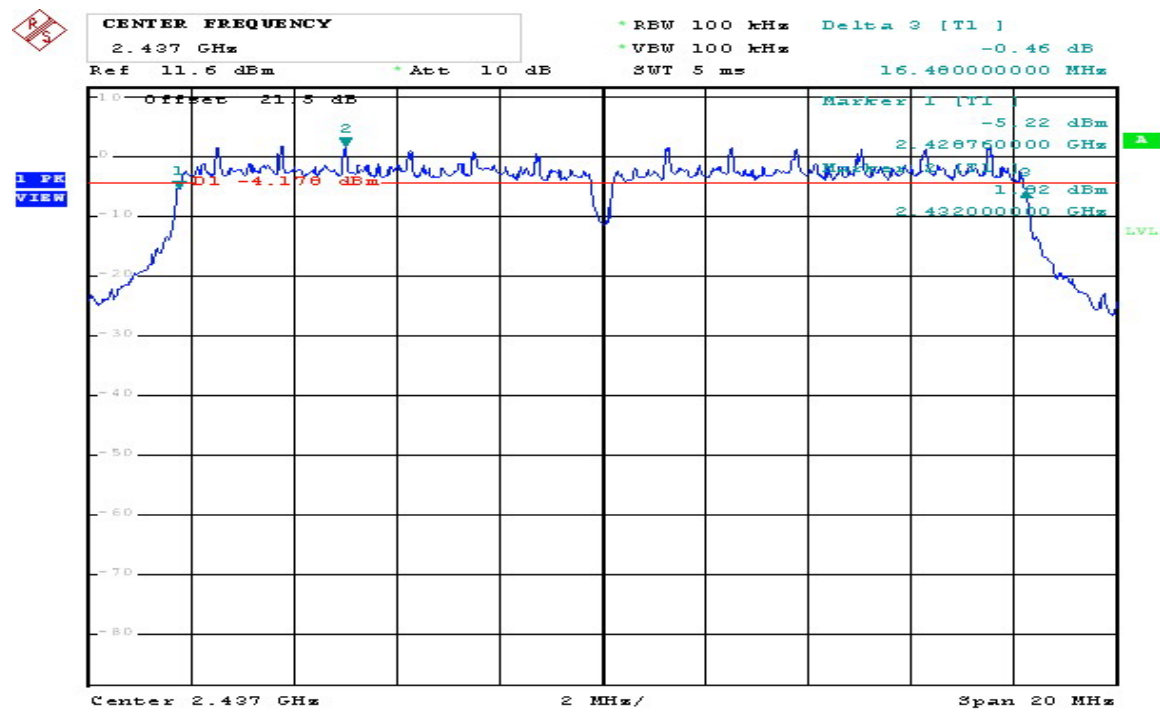
Comment: 802.11b 2462MHz
Date: 11.NOV.2008 14:56:10

802.11g CH1 2412MHz Chain A



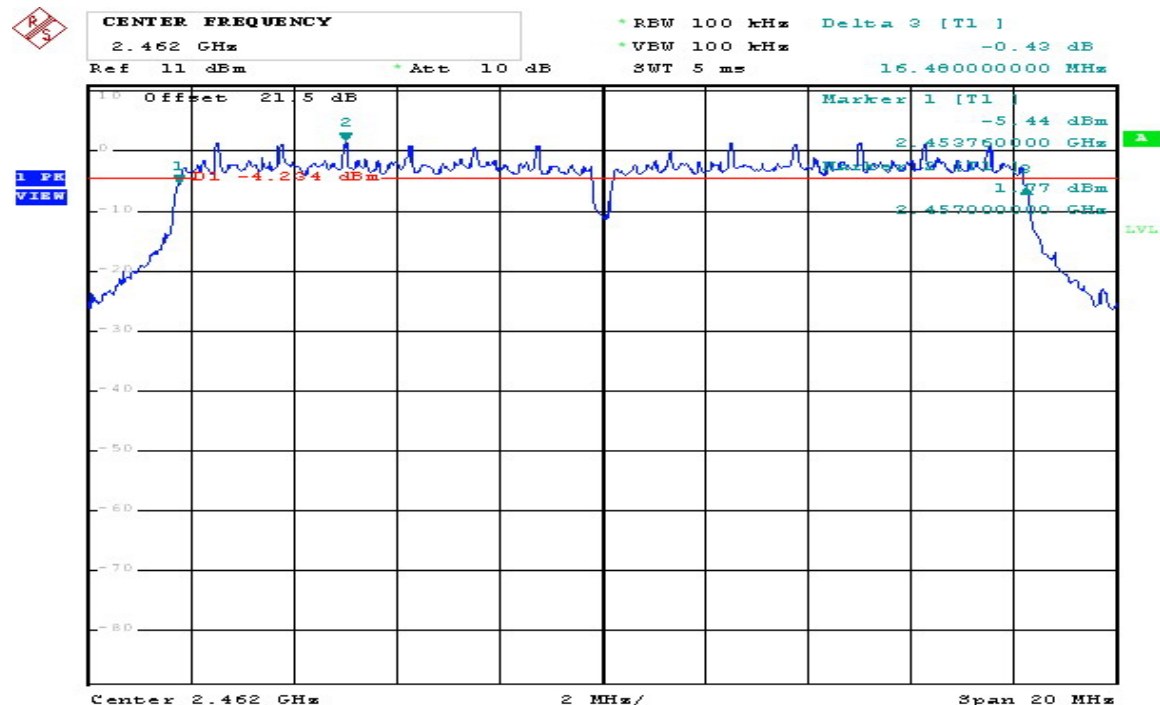
Comment: 802.11g 2412MHz
Date: 11.NOV.2008 15:07:05

802.11g CH6 2437MHz Chain A



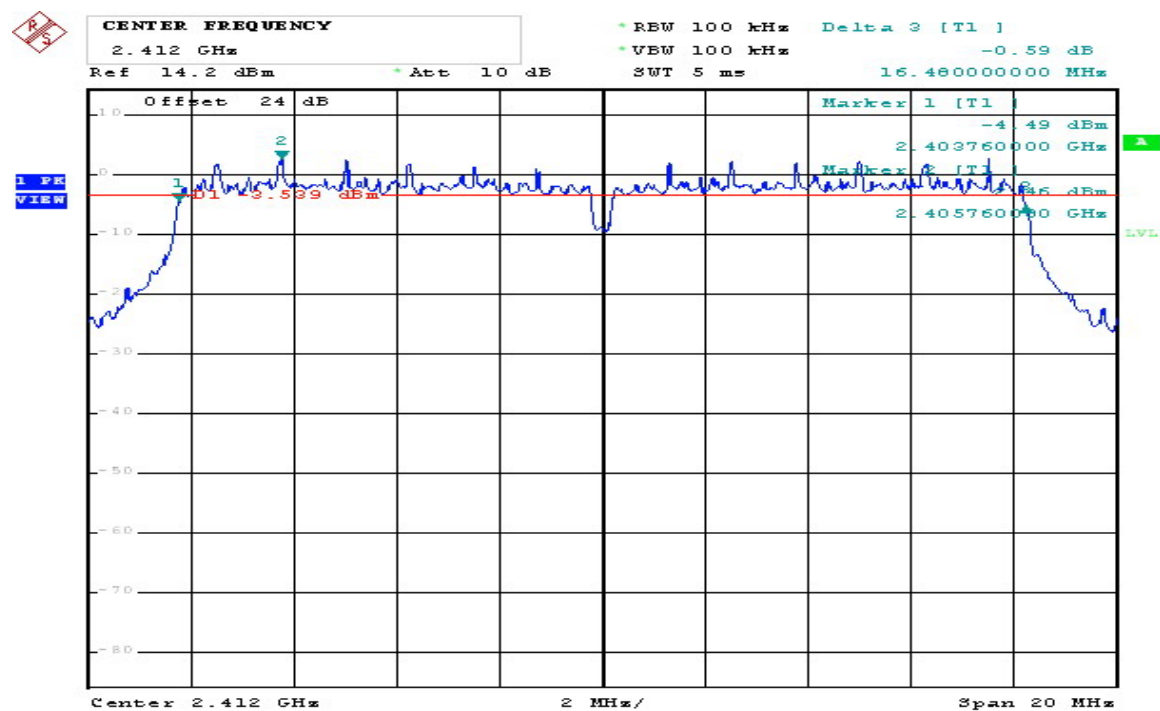
Comment: 802.11g 2437MHz
Date: 11.NOV.2008 15:10:32

802.11g CH11 2462MHz Chain A



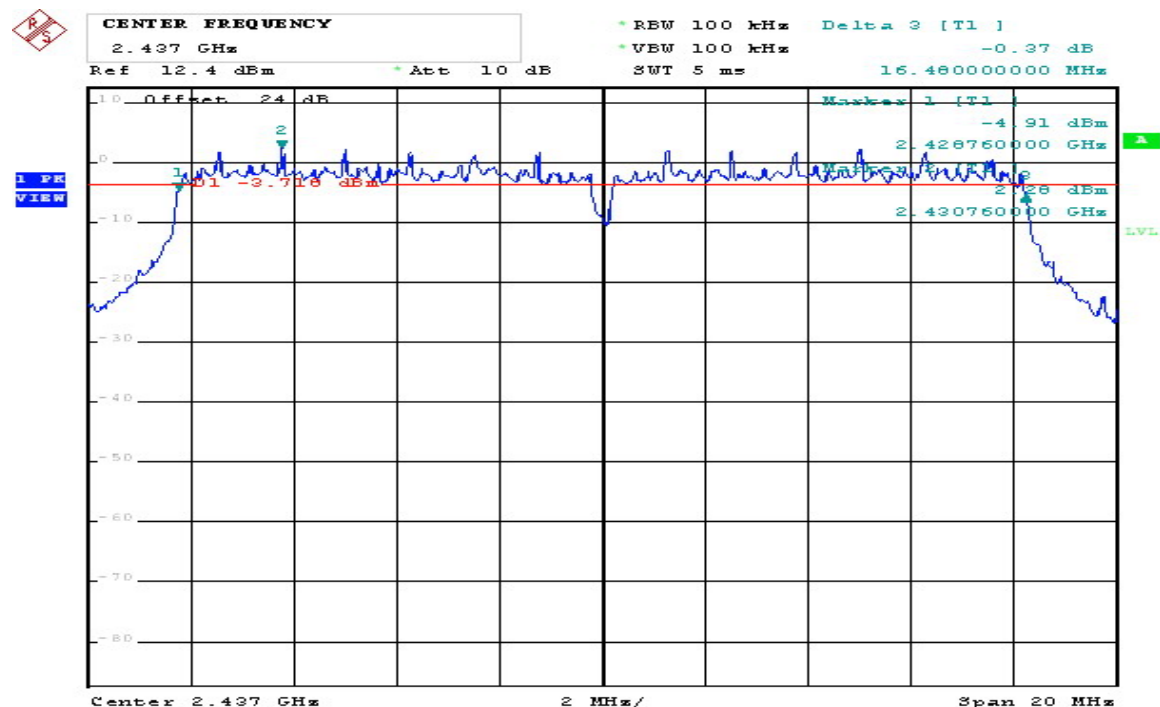
Comment: 802.11g 2462MHz
Date: 11.NOV.2008 15:12:30

802.11g CH1 2412MHz Chain B



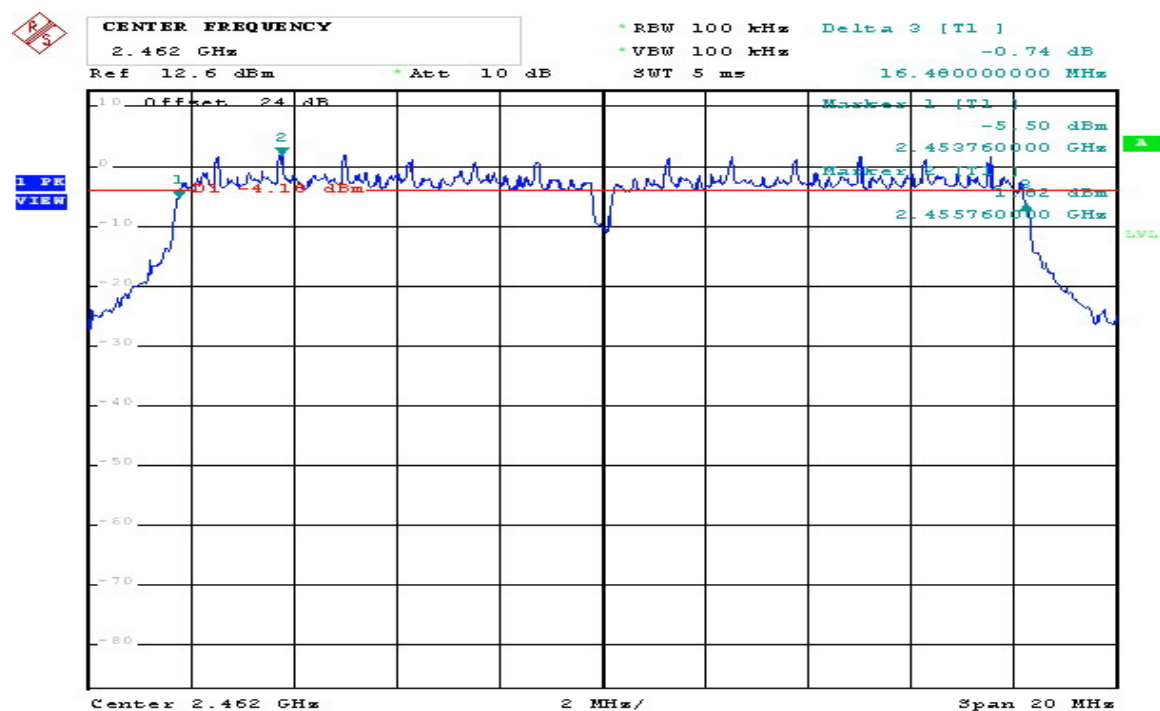
Comment: 802.11g 2412MHz
Date: 11.NOV.2008 15:18:40

802.11g CH6 2437MHz Chain B



Comment: 802.11g 2437MHz
Date: 11.NOV.2008 15:20:34

802.11g CH11 2462MHz Chain B



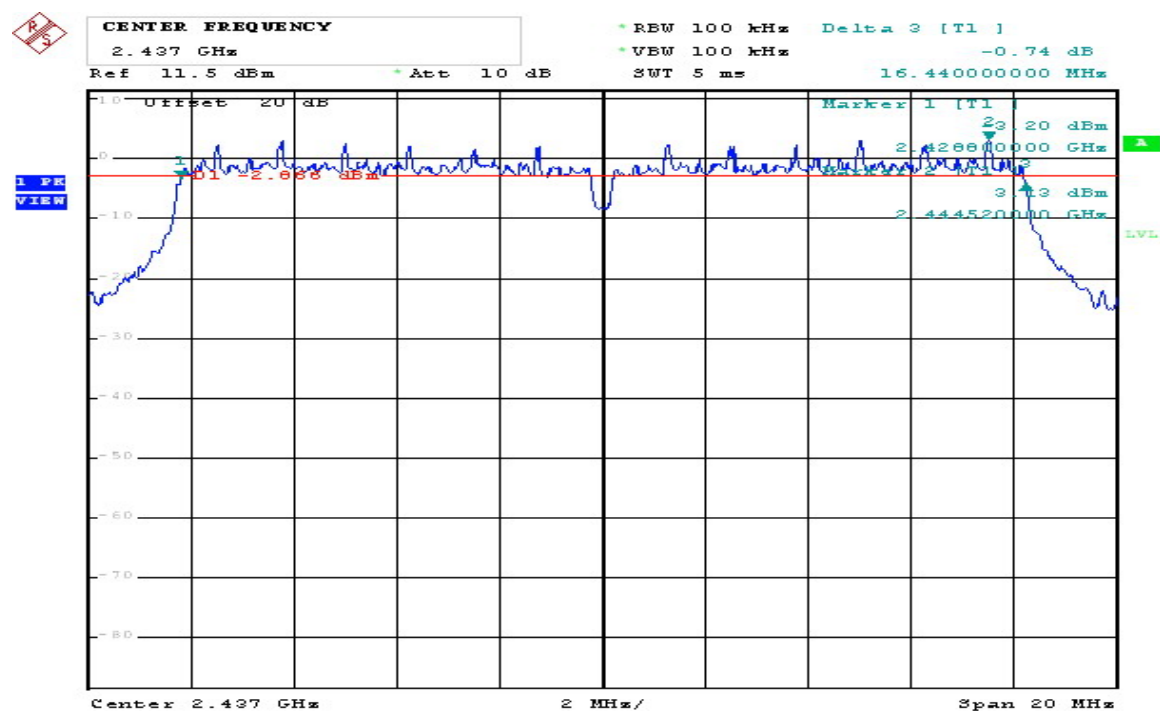
Comment: 802.11g 2462MHz
Date: 11.NOV.2008 15:22:30

802.11g CH1 2412MHz Chain C



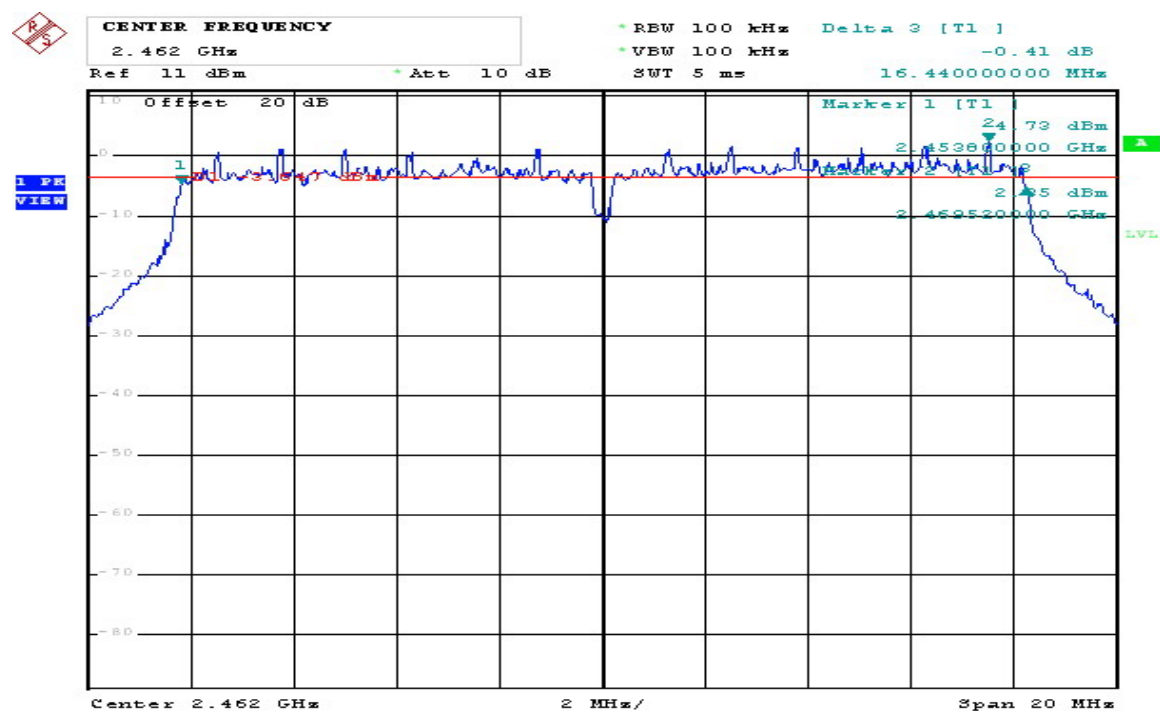
Comment: 802.11g 2412MHz
Date: 11.NOV.2008 15:29:09

802.11g CH6 2437MHz Chain C



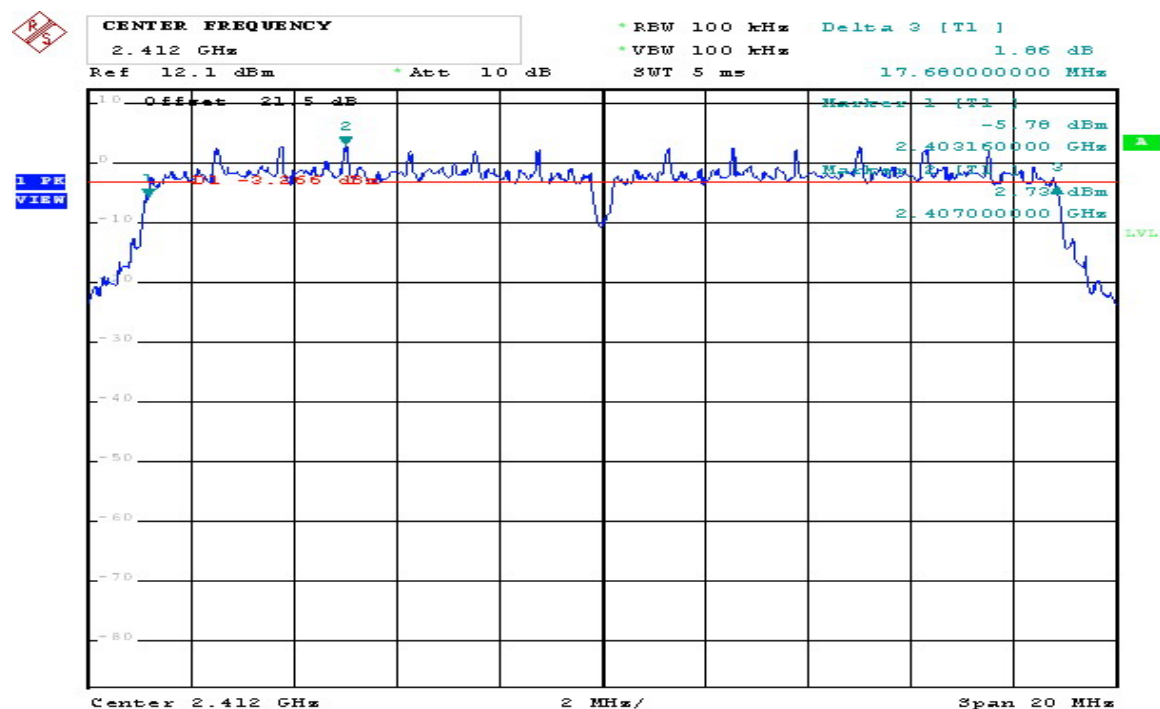
Comment: 802.11g 2437MHz
Date: 11.NOV.2008 15:31:10

802.11g CH11 2462MHz Chain C



Comment: 802.11g 2462MHz
Date: 11.NOV.2008 15:33:04

802.11n (HT20) CH1 2412MHz Chain A



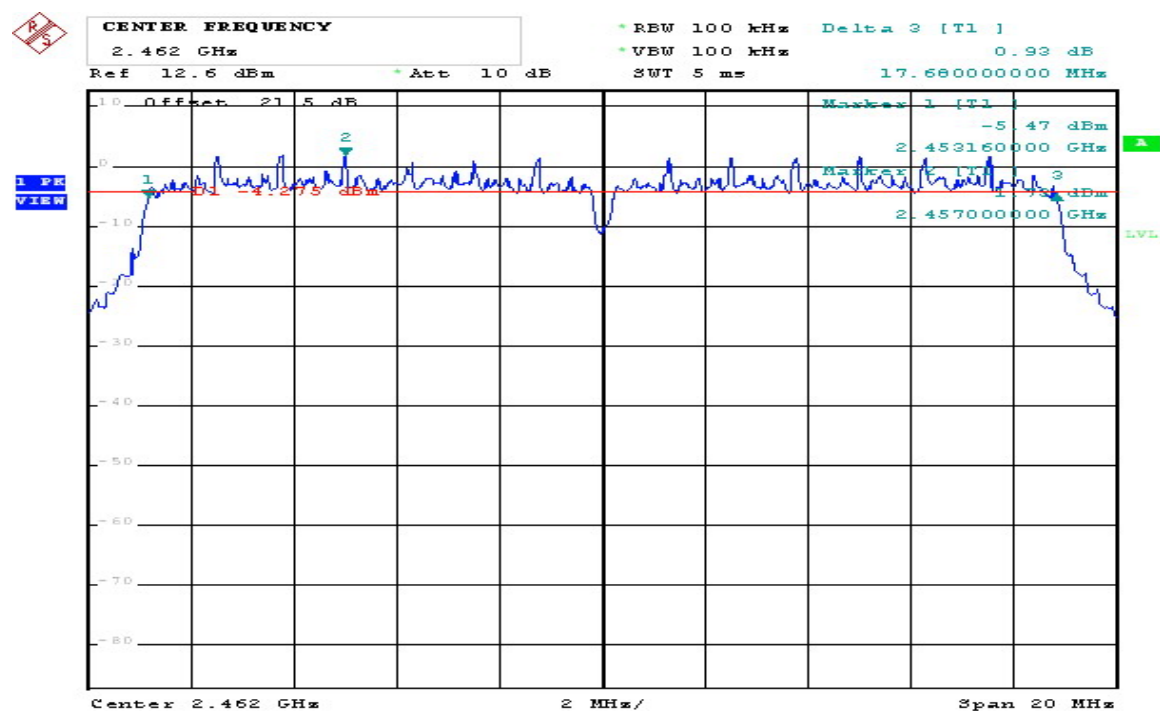
Comment: 802.11n(20) 2412MHz
Date: 11.NOV.2008 15:42:32

802.11n (HT20) CH6 2437MHz Chain A



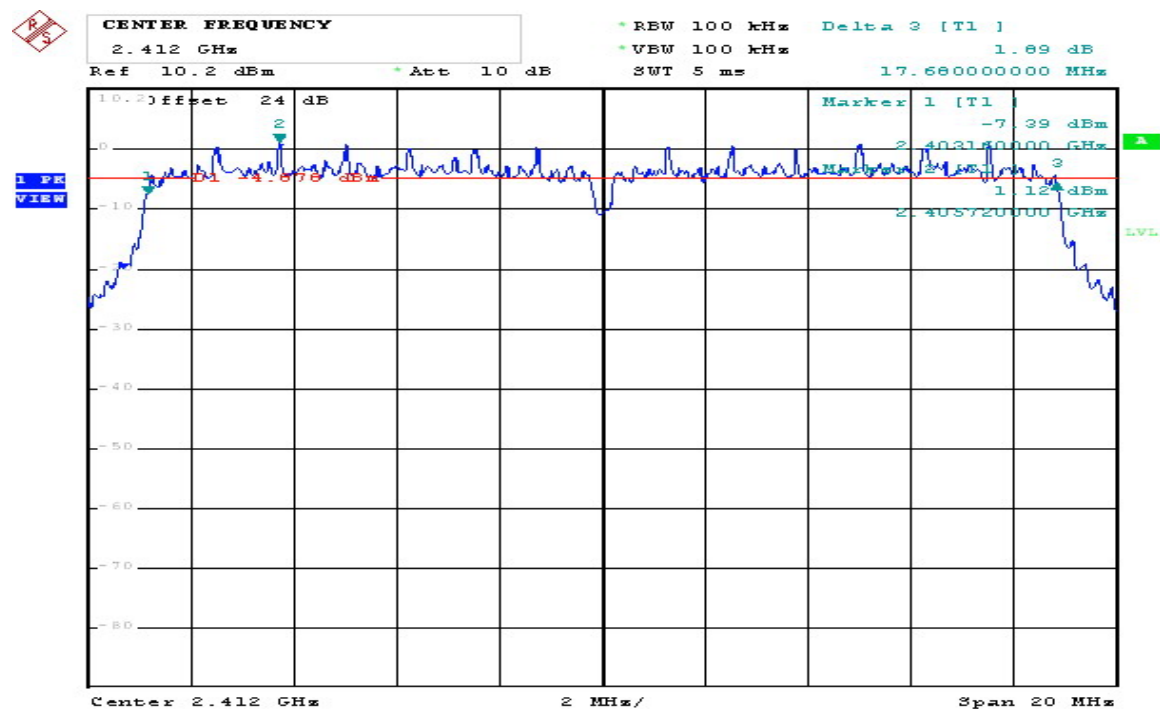
Comment: 802.11n(20) 2437MHz
Date: 11.NOV.2008 15:44:26

802.11n (HT20) CH11 2462MHz Chain A



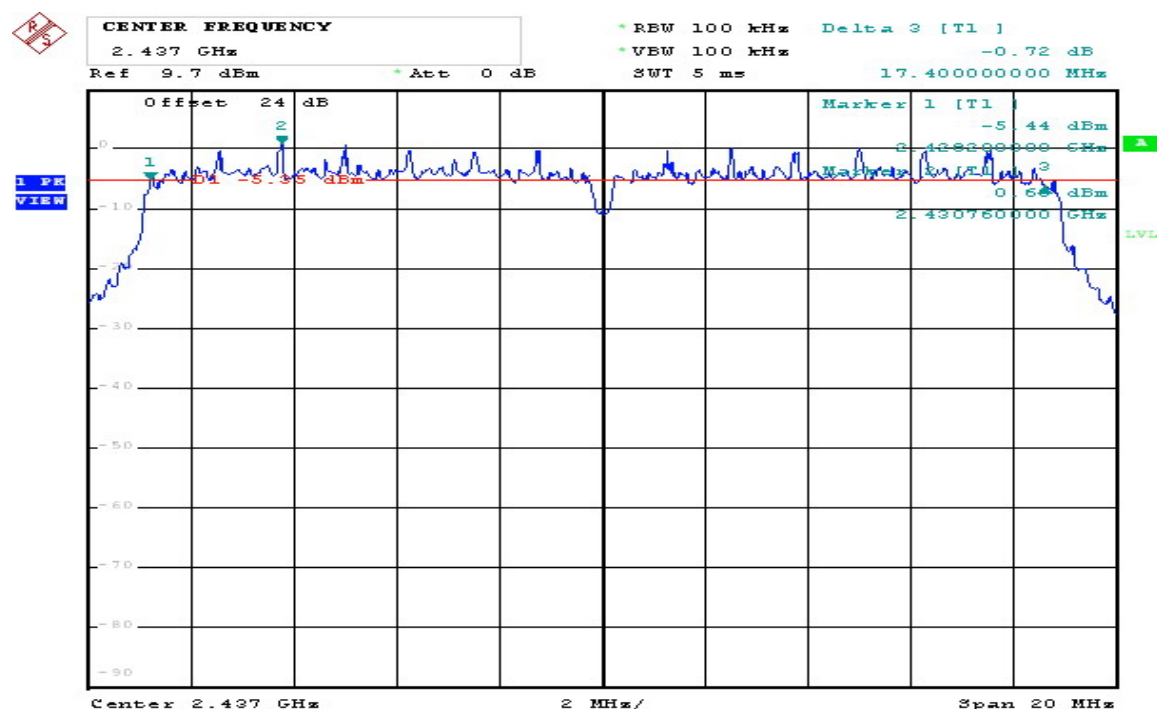
Comment: 802.11n(20) 2462MHz
Date: 11.NOV.2008 15:47:20

802.11n (HT20) CH1 2412MHz Chain B



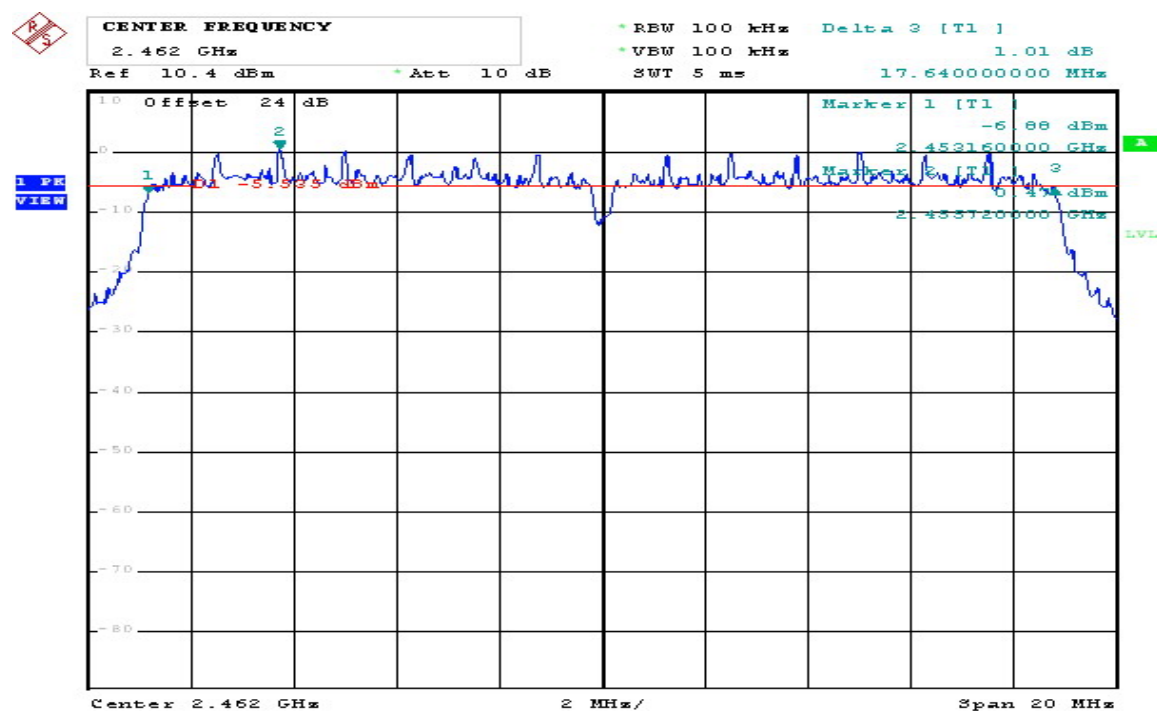
Comment: 802.11n(20) 2412MHz
Date: 11.NOV.2008 16:03:49

802.11n (HT20) CH6 2437MHz Chain B



Comment: 802.11n(20) 2437MHz
Date: 11.NOV.2008 16:05:45

802.11n (HT20) CH11 2462MHz Chain B



Comment: 802.11n(20) 2462MHz
Date: 11.NOV.2008 16:07:45

802.11n (HT20) CH1 2412MHz Chain C



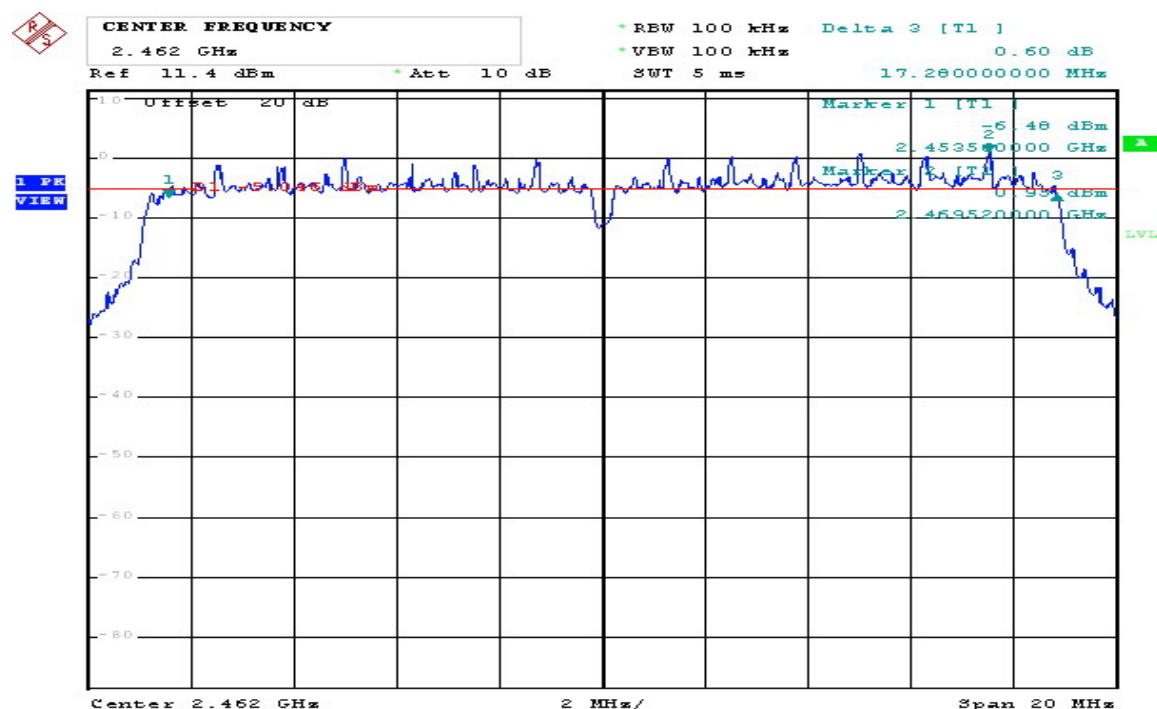
Comment: 802.11n(20) 2412MHz
Date: 11.NOV.2008 16:14:04

802.11n (HT20) CH6 2437MHz Chain C



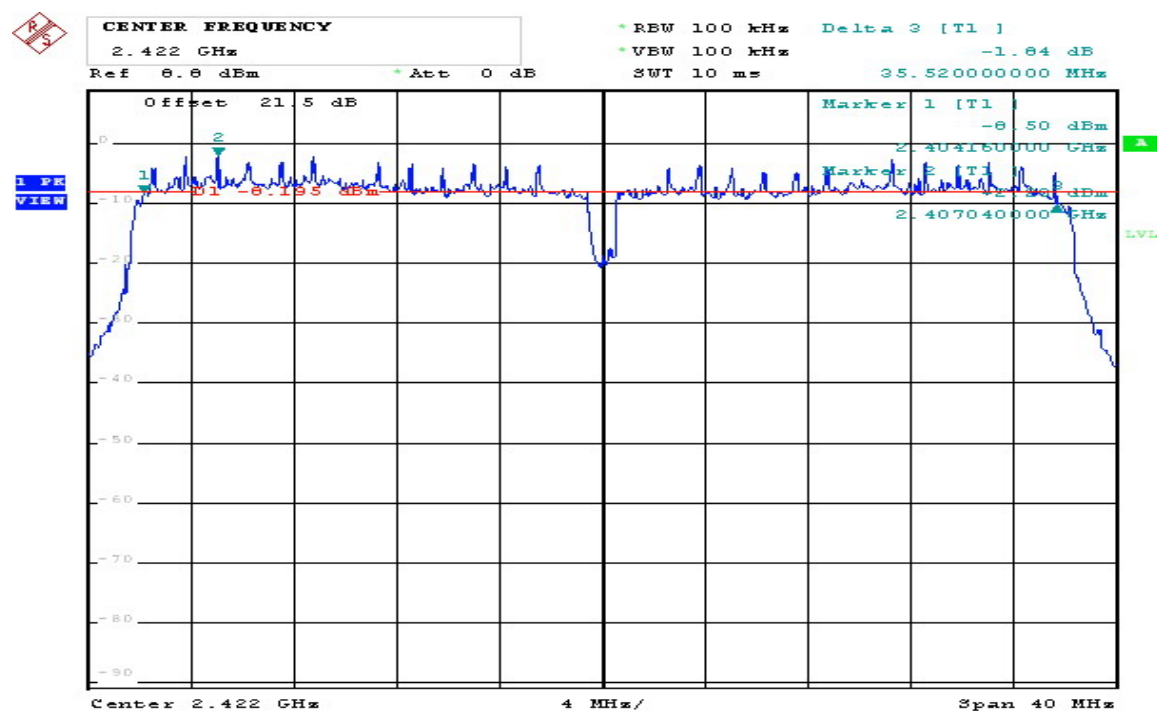
Comment: 802.11n(20) 2437MHz
Date: 11.NOV.2008 16:16:03

802.11n (HT20) CH11 2462MHz Chain C



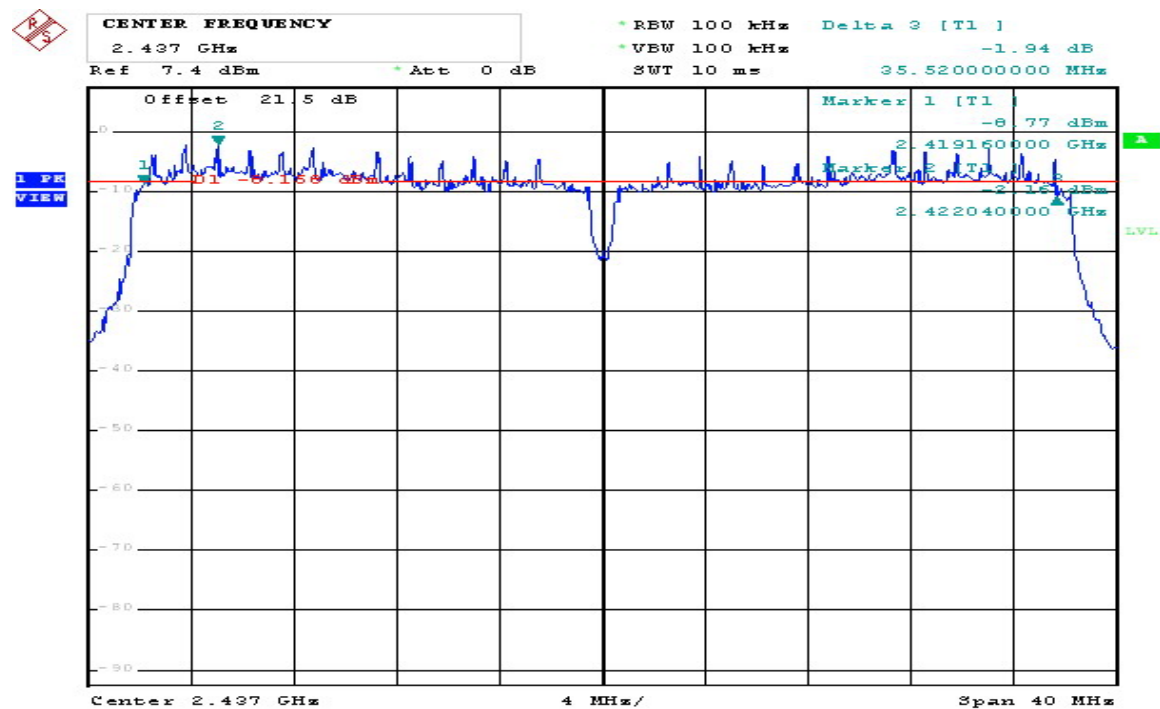
Comment: 802.11n(20) 2462MHz
Date: 11.NOV.2008 16:17:58

802.11n (HT40) CH3 2422MHz Chain A



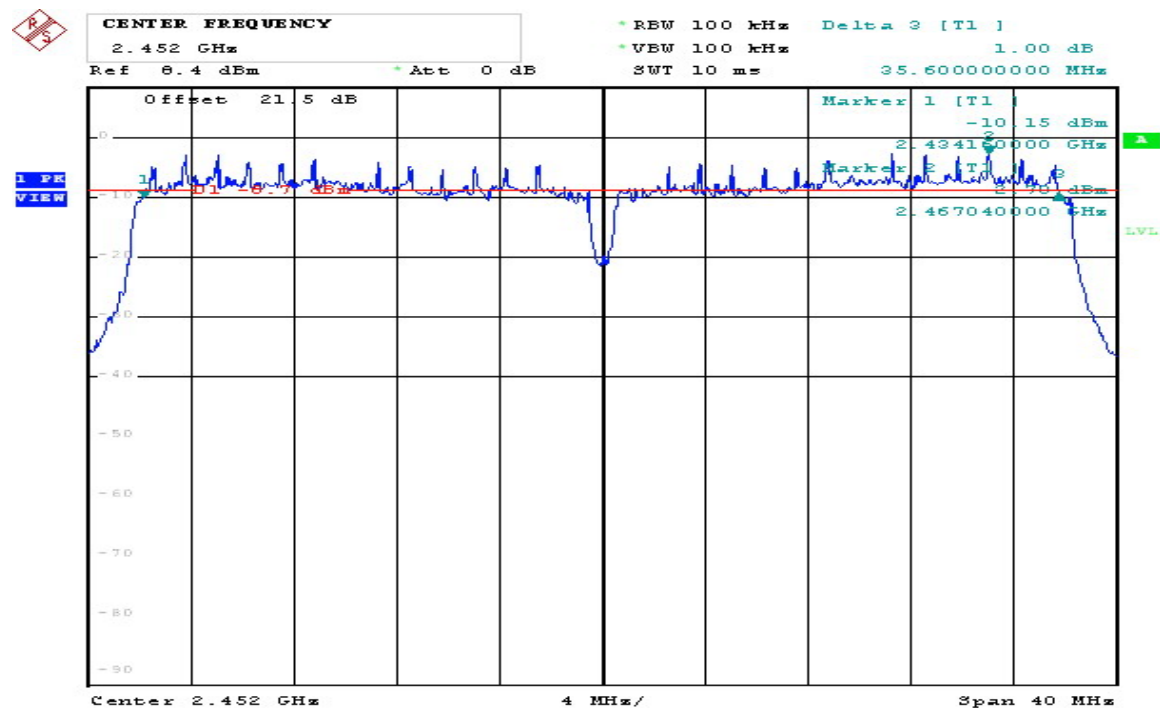
Comment: 802.11n(40) 2422MHz
Date: 11.NOV.2008 16:23:57

802.11n (HT40) CH6 2437MHz Chain A



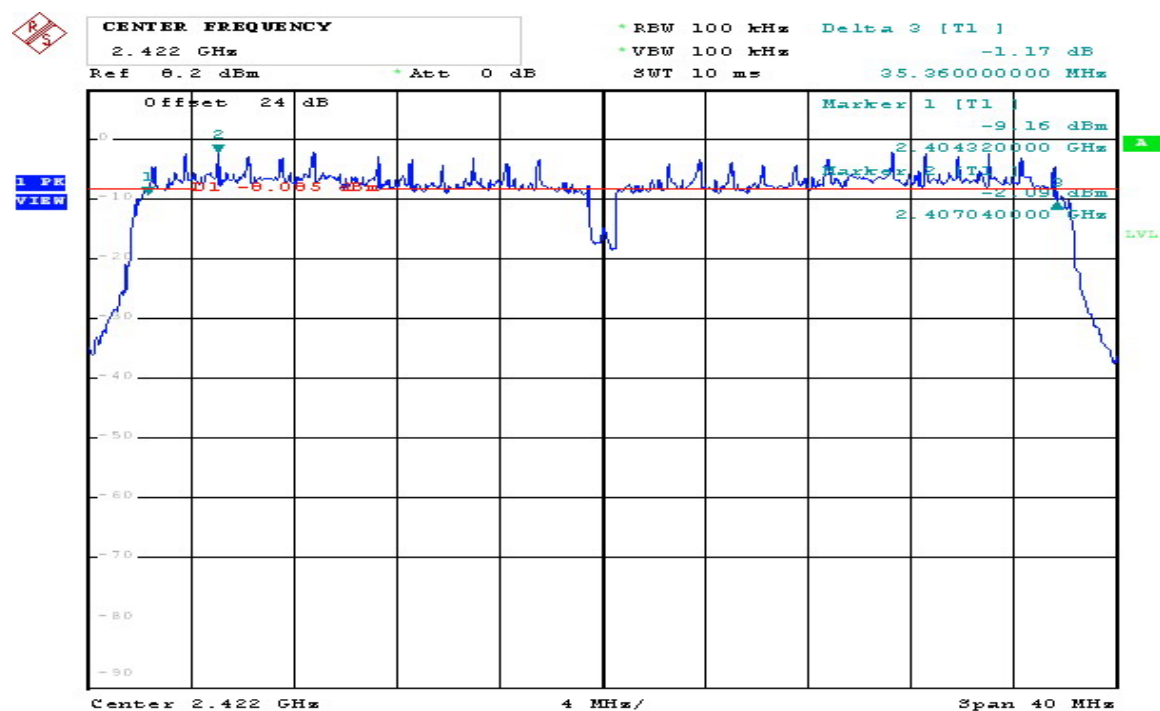
Comment: 802.11n(40) 2437MHz
Date: 11.NOV.2008 16:26:01

802.11n (HT40) CH9 2452MHz Chain A



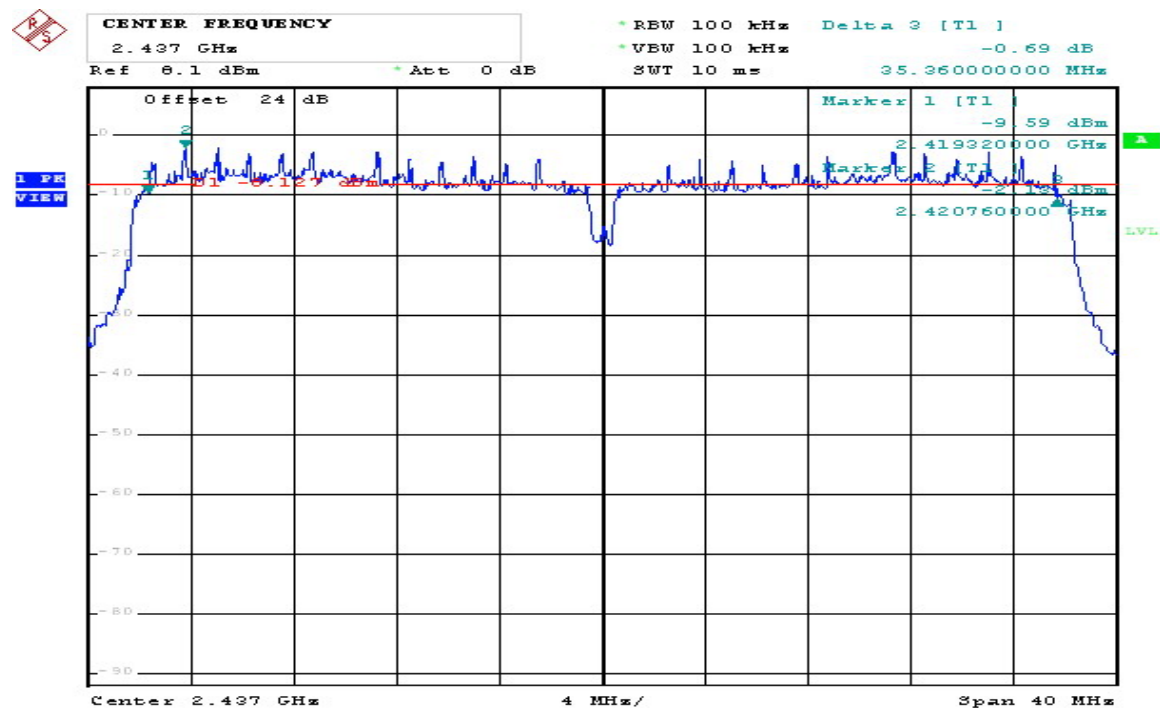
Comment: 802.11n(40) 2452MHz
Date: 11.NOV.2008 16:27:54

802.11n (HT40) CH3 2422MHz Chain B



Comment: 802.11n(40) 2422MHz
Date: 11.NOV.2008 16:33:00

802.11n (HT40) CH6 2437MHz Chain B



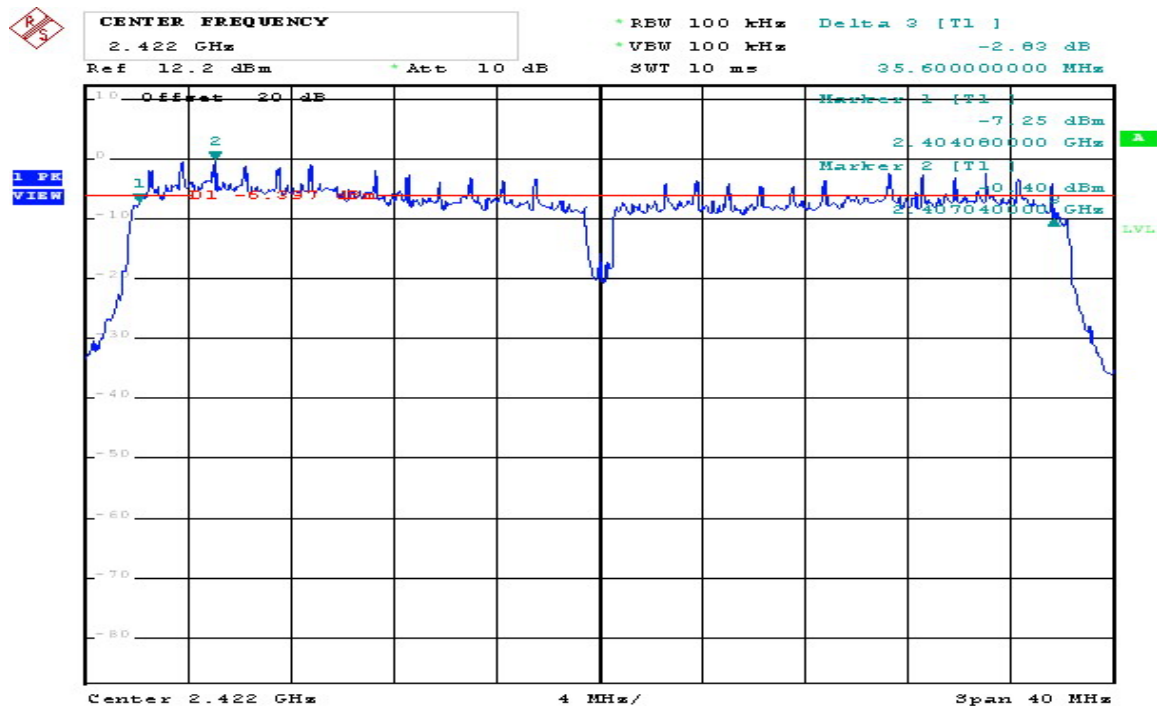
Comment: 802.11n(40) 2437MHz
Date: 11.NOV.2008 16:35:05

CENTER FREQUENCY
 2.452 GHz
 Ref 7.7 dBm Att 0 dB RBW 100 kHz Delta 3 [T1] VBW 100 kHz 0.10 dB SWT 10 ms 35.360000000 MHz

Offset 24 dB
 Marker 1 [T1] -8.66 dBm 2.434320000 GHz
 Marker 2 [T2] -2.32 dBm 2.437040000 GHz

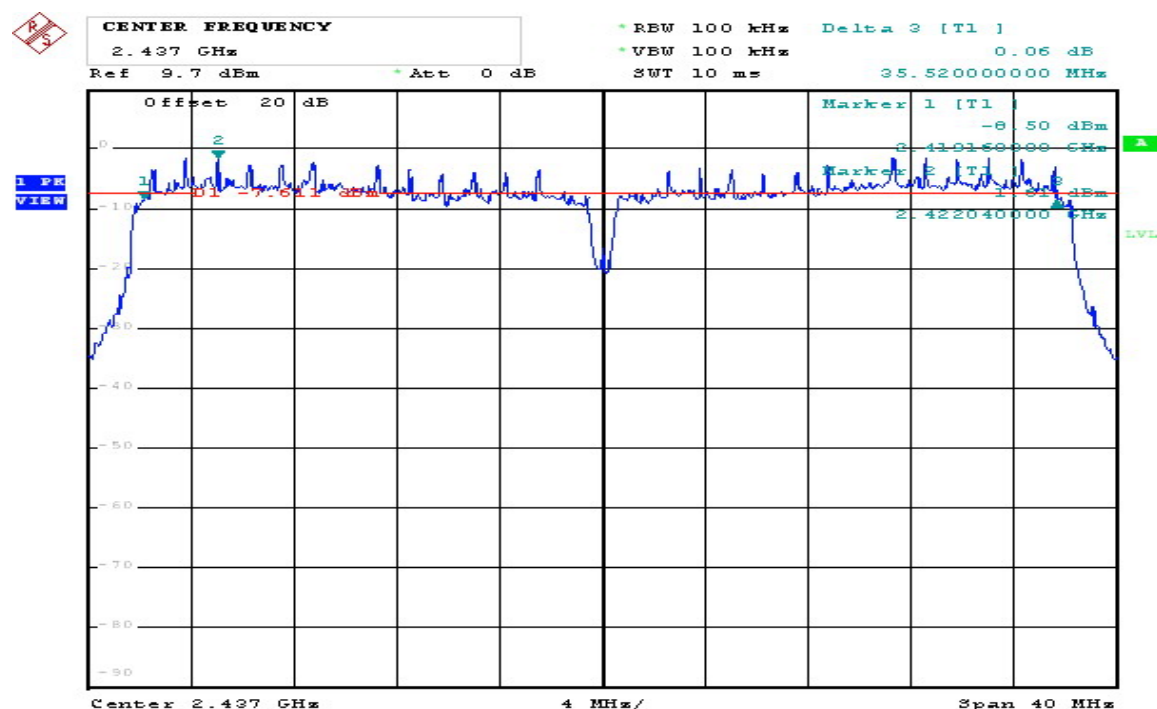
Center 2.452 GHz 4 MHz/div Span 40 MHz

802.11n (HT40) CH3 2422MHz Chain C



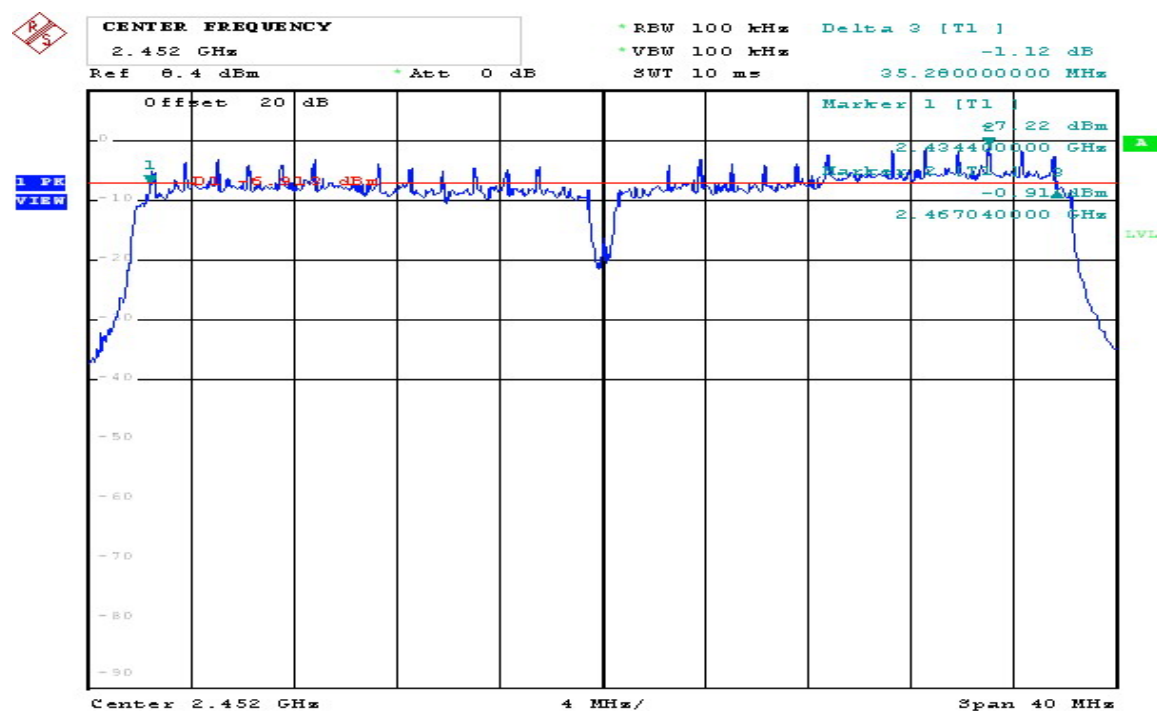
Test Report

802.11n (HT40) CH6 2437MHz Chain C



Comment: 802.11n(40) 2437MHz
Date: 11.NOV.2008 16:43:25

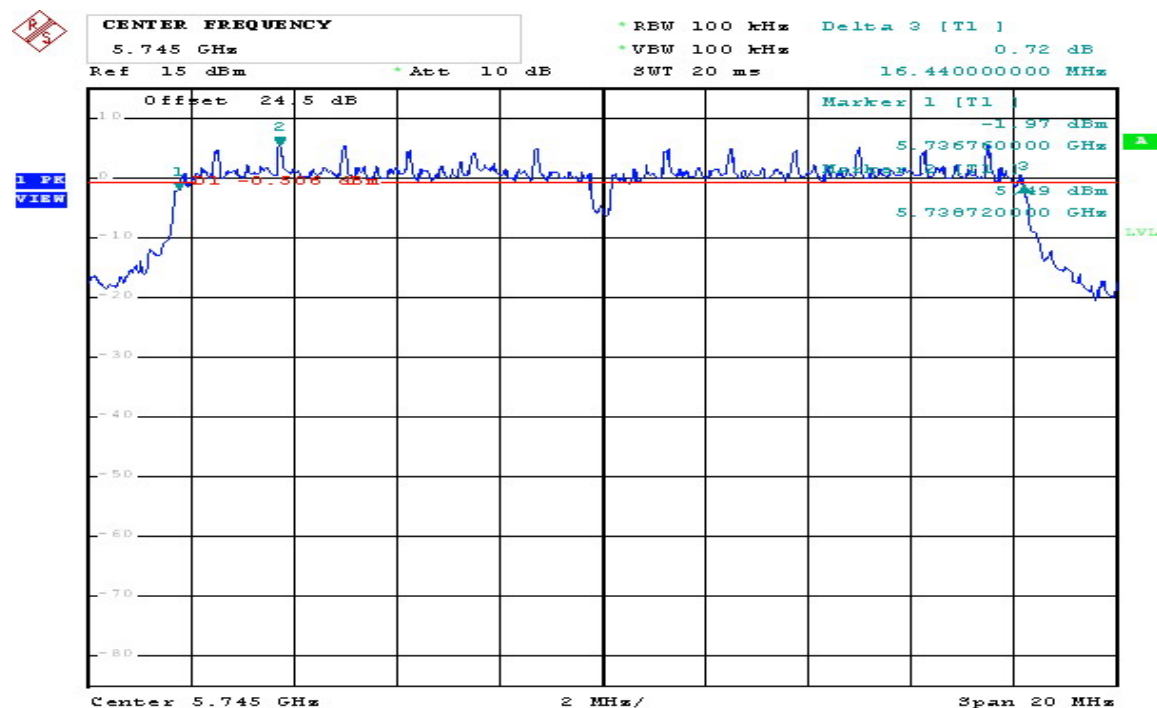
802.11n (HT40) CH9 2452MHz Chain C



Comment: 802.11n(40) 2452MHz
Date: 11.NOV.2008 16:45:20

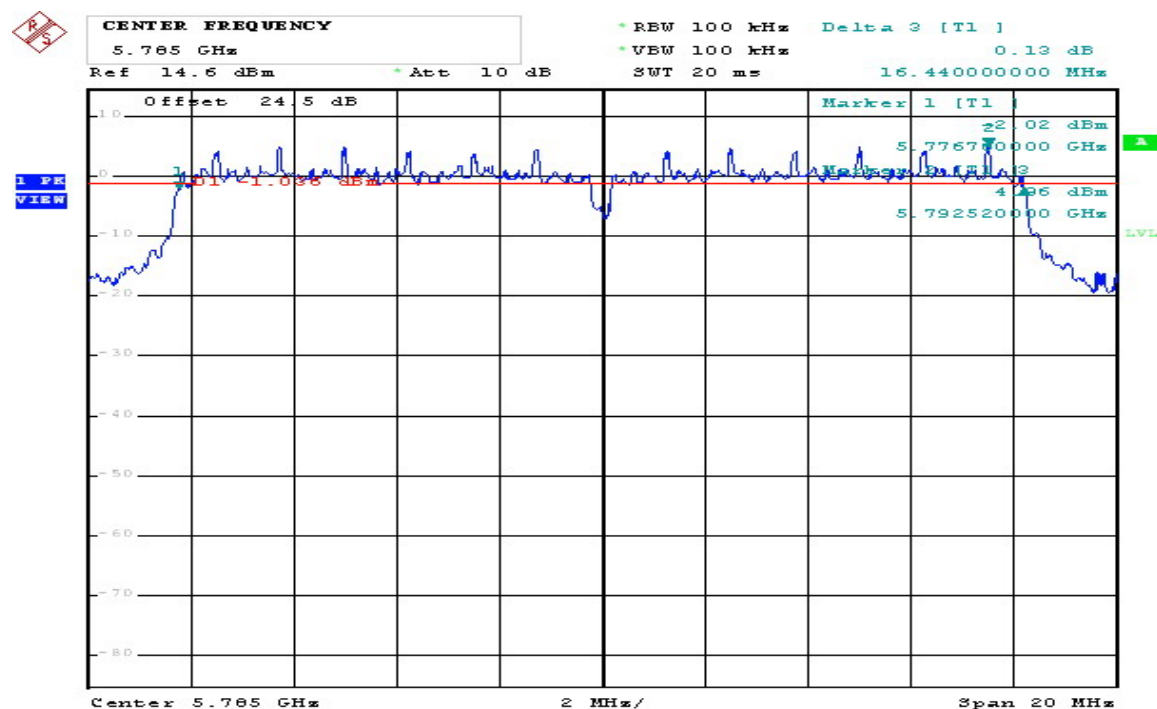
5GHz

802.11a CH149 5745MHz Chain A



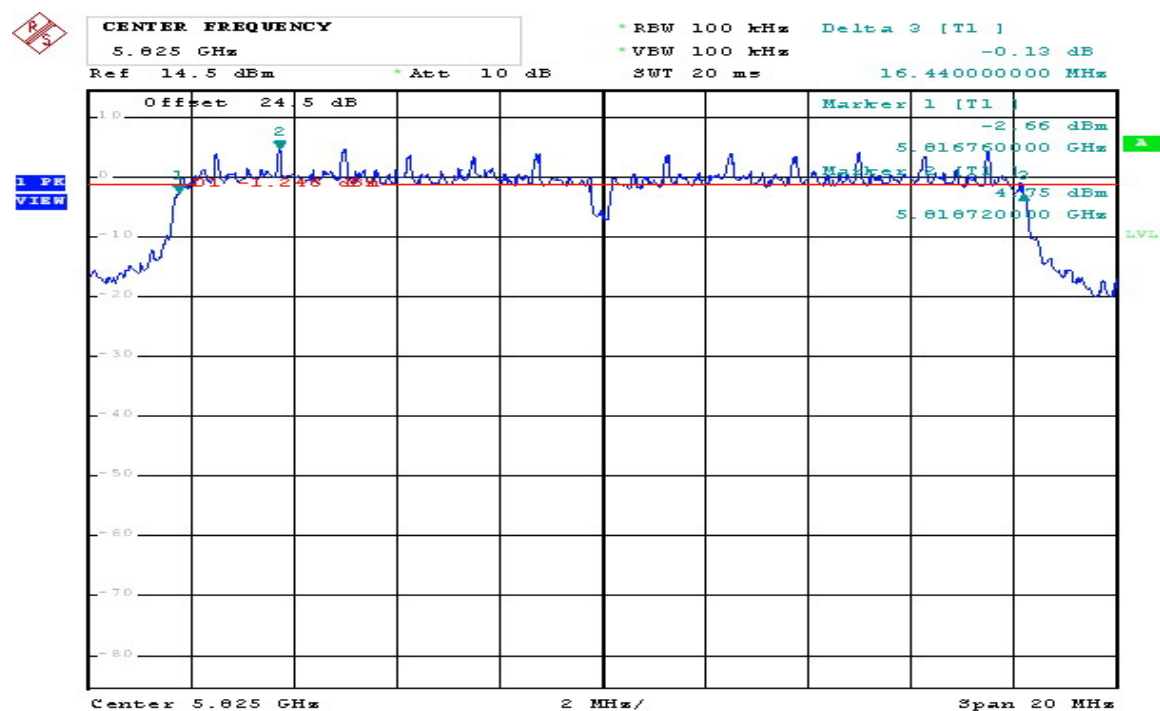
Comment: 802.11a 5745MHz
Date: 11.NOV.2008 17:04:22

802.11a CH157 5785MHz Chain A



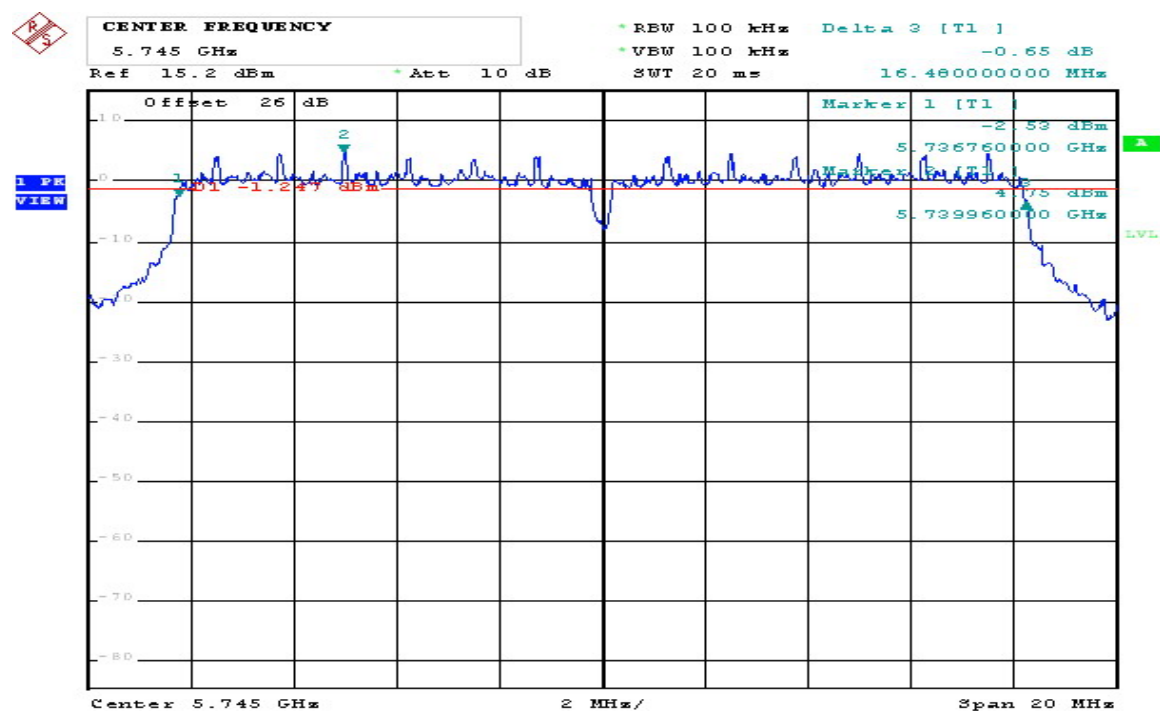
Comment: 802.11a 5785MHz
Date: 11.NOV.2008 17:06:21

802.11a CH165 5825MHz Chain A



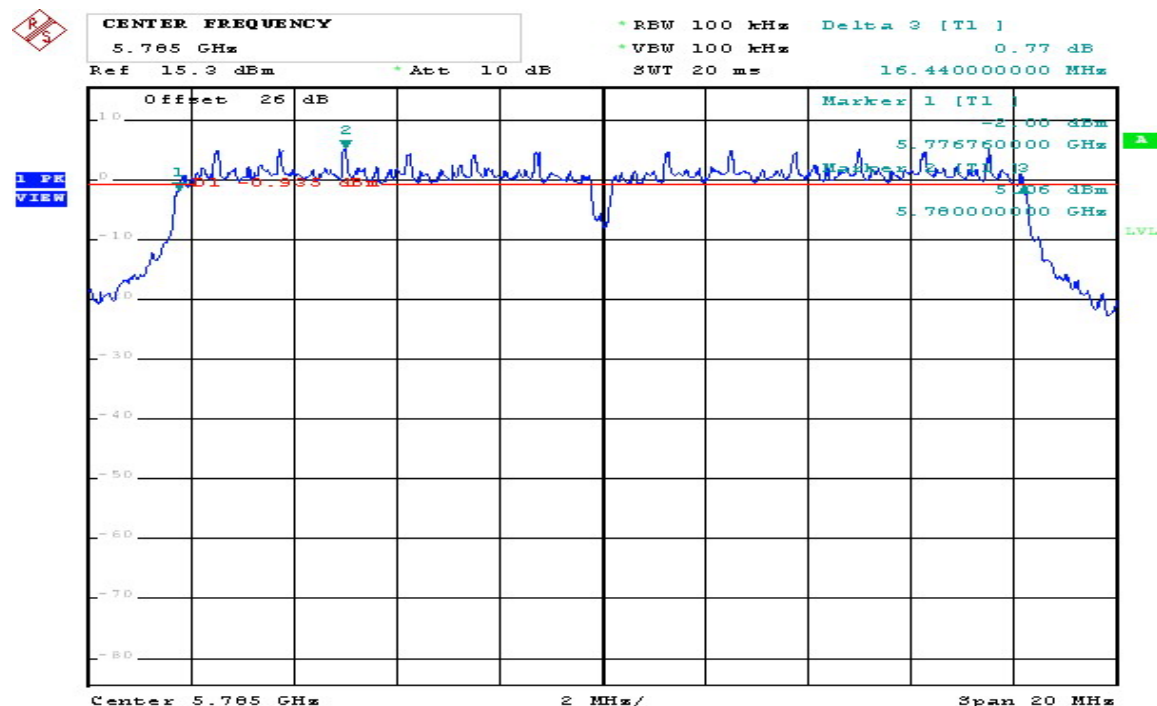
Comment: 802.11a 5825MHz
Date: 11.NOV.2008 17:08:18

802.11a CH149 5745MHz Chain B



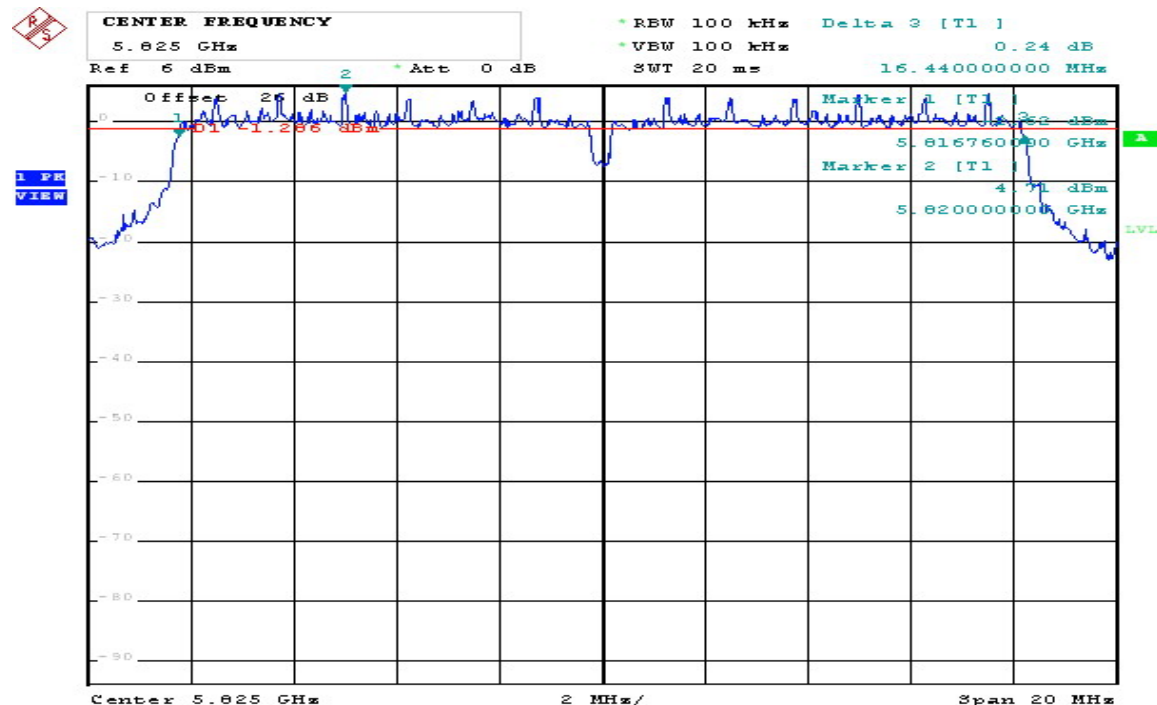
Comment: 802.11a 5745MHz
Date: 11.NOV.2008 17:16:43

802.11a CH157 5785MHz Chain B



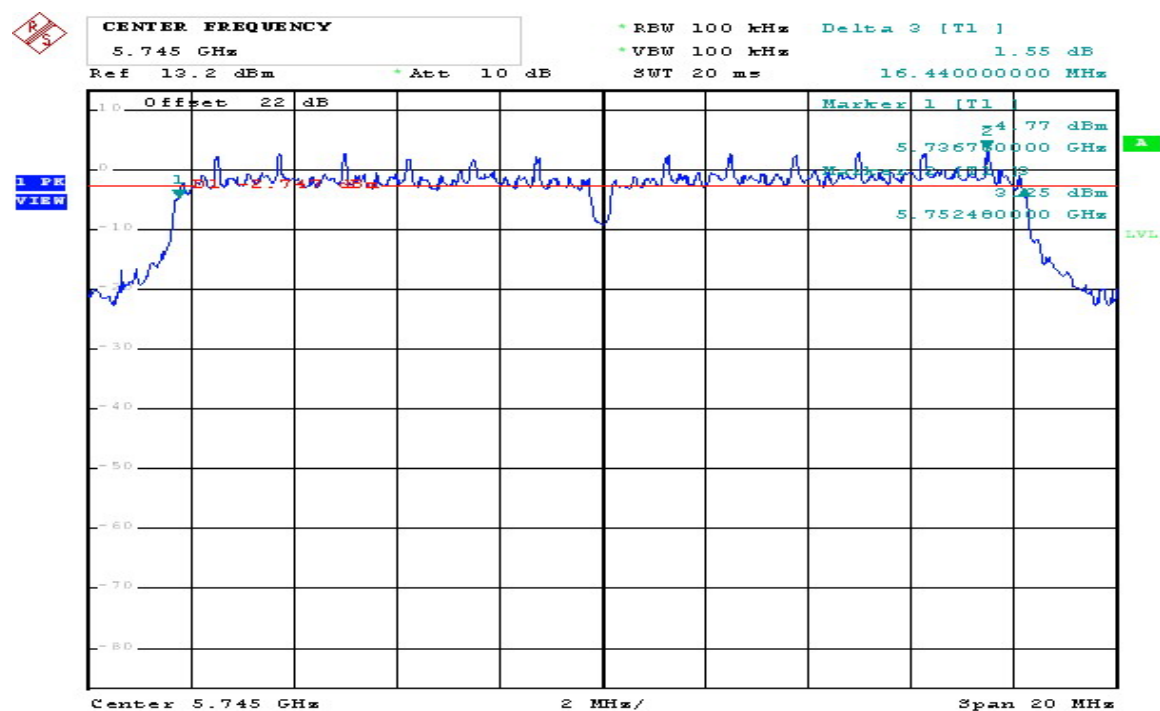
Comment: 802.11a 5785MHz
Date: 11.NOV.2008 17:14:46

802.11a CH165 5825MHz Chain B



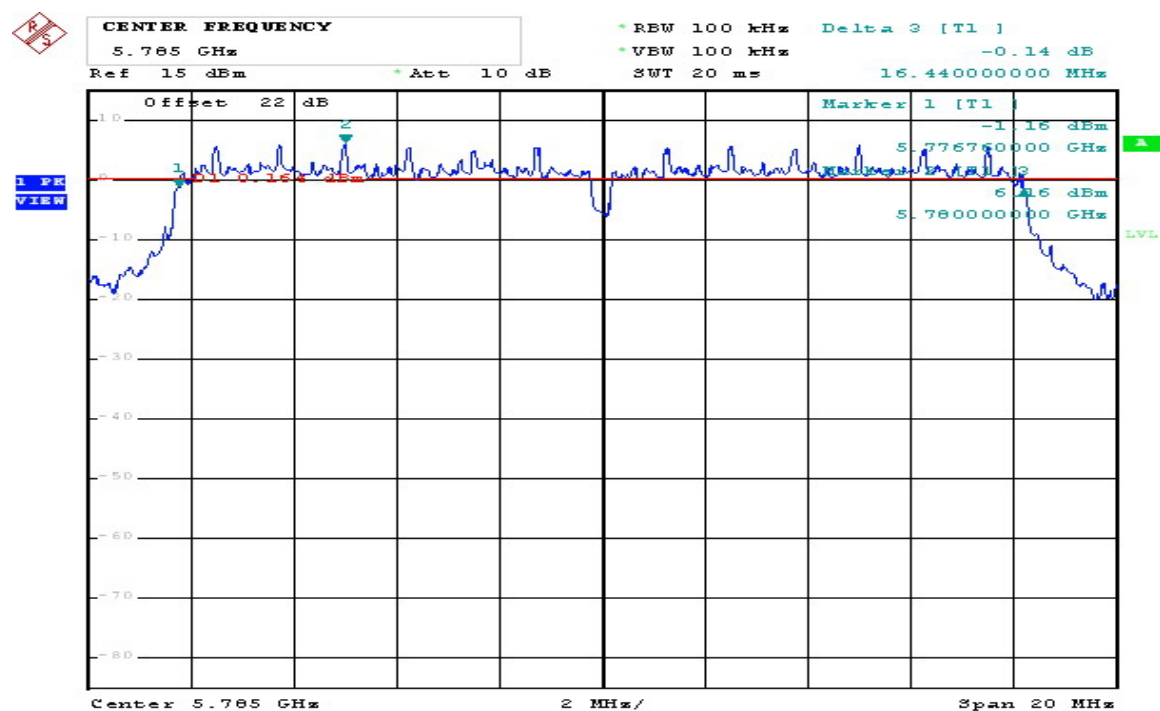
Comment: 802.11a 5825MHz
Date: 11.NOV.2008 17:12:21

802.11a CH149 5745MHz Chain C



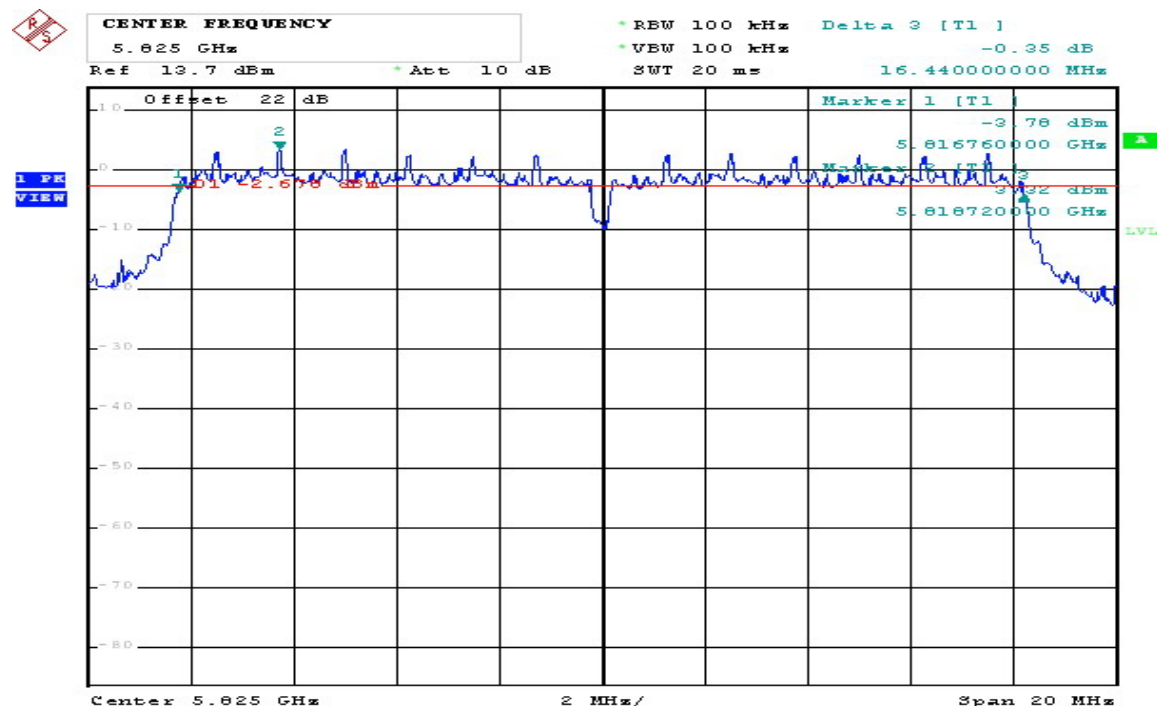
Comment: 802.11a 5745MHz
Date: 11.NOV.2008 17:20:58

802.11a CH157 5785MHz Chain C



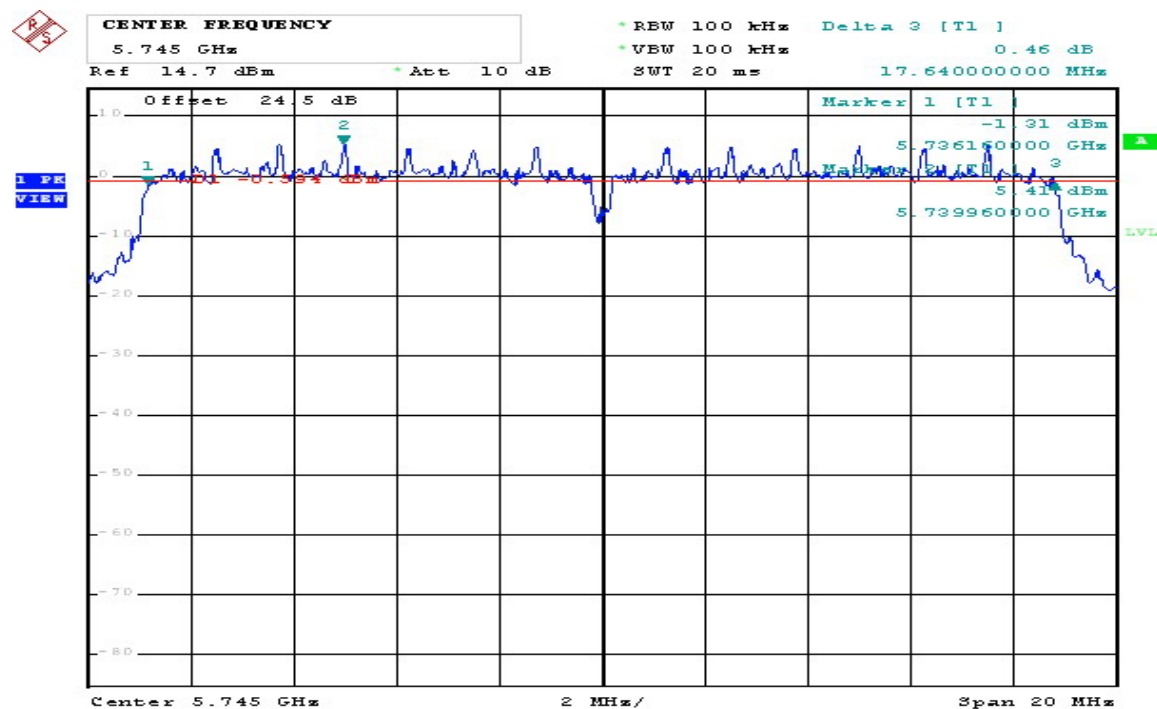
Comment: 802.11a 5785MHz
Date: 11.NOV.2008 17:22:52

802.11a CH165 5825MHz Chain C



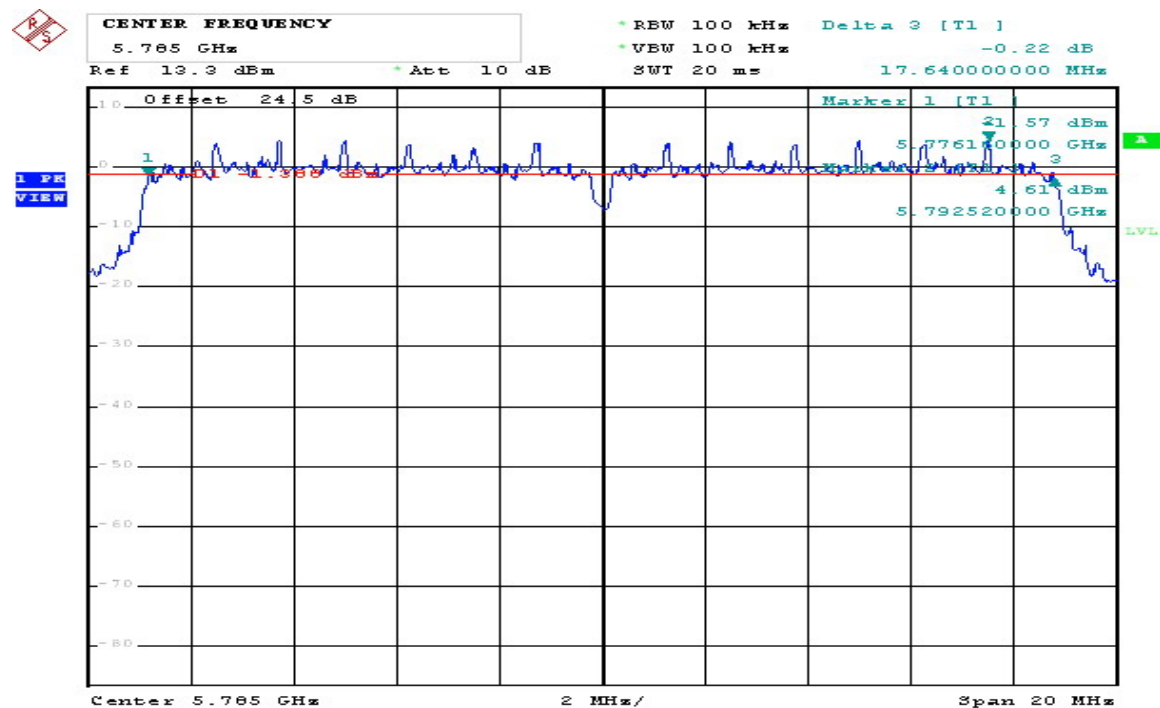
Comment: 802.11a 5825MHz
Date: 11.NOV.2008 17:25:31

802.11n (HT20) CH149 5745MHz Chain A



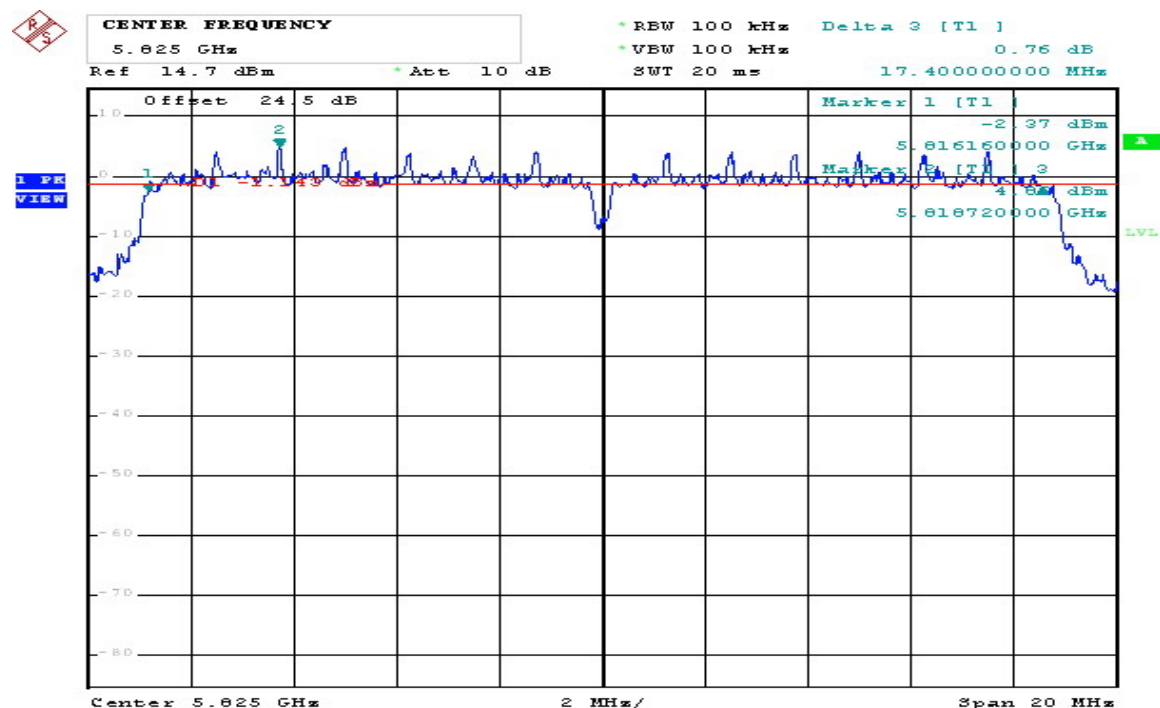
Comment: 802.11n(20) 5745MHz
Date: 11.NOV.2008 17:35:31

802.11n (HT20) CH157 5785MHz Chain A



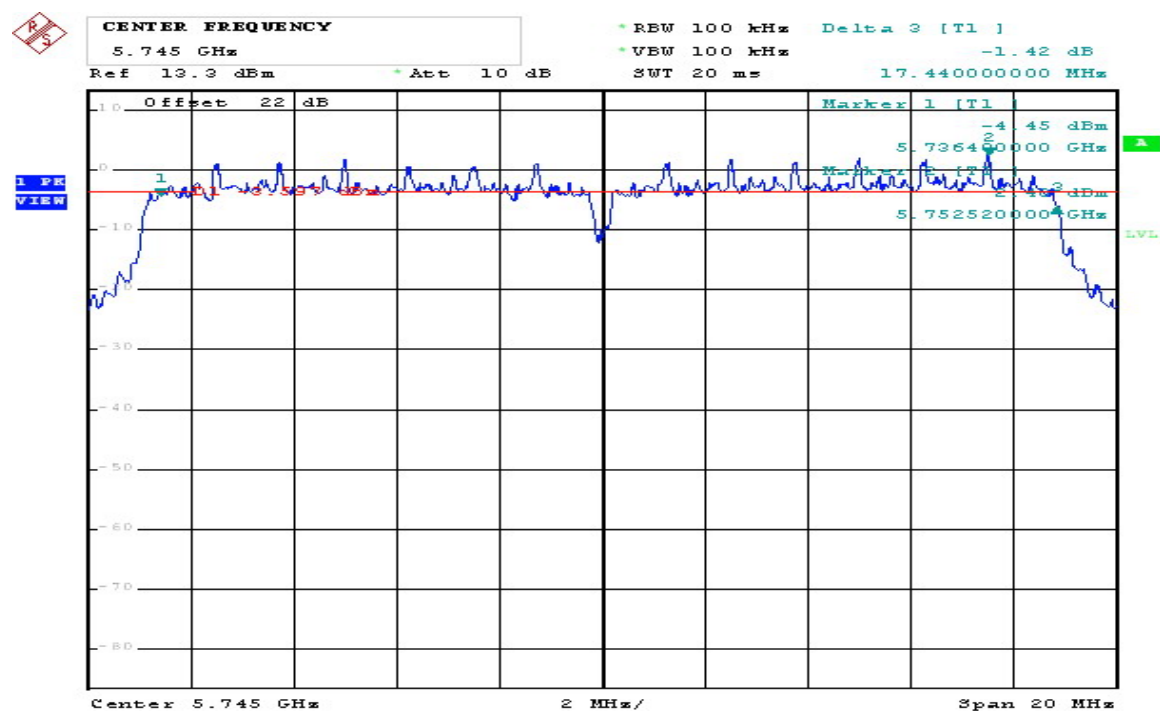
Comment: 802.11n(20) 5785MHz
Date: 11.NOV.2008 17:33:37

802.11n (HT20) CH165 5825MHz Chain A



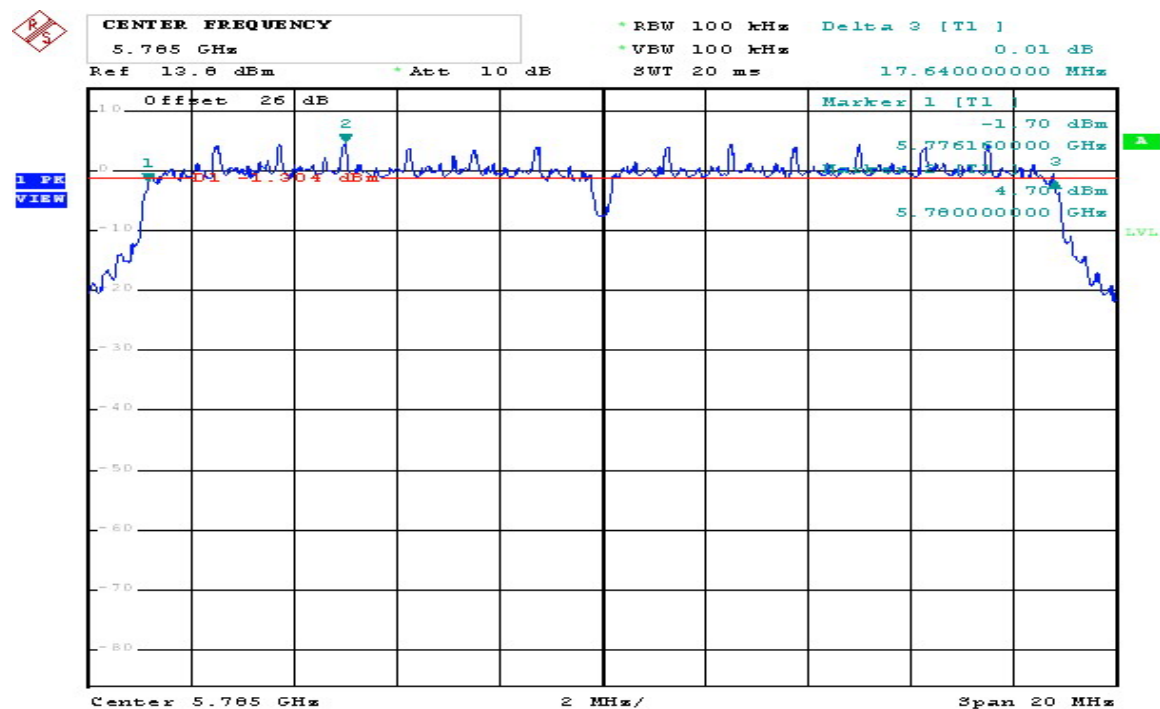
Comment: 802.11n(20) 5825MHz
Date: 11.NOV.2008 17:31:16

802.11n (HT20) CH149 5745MHz Chain B



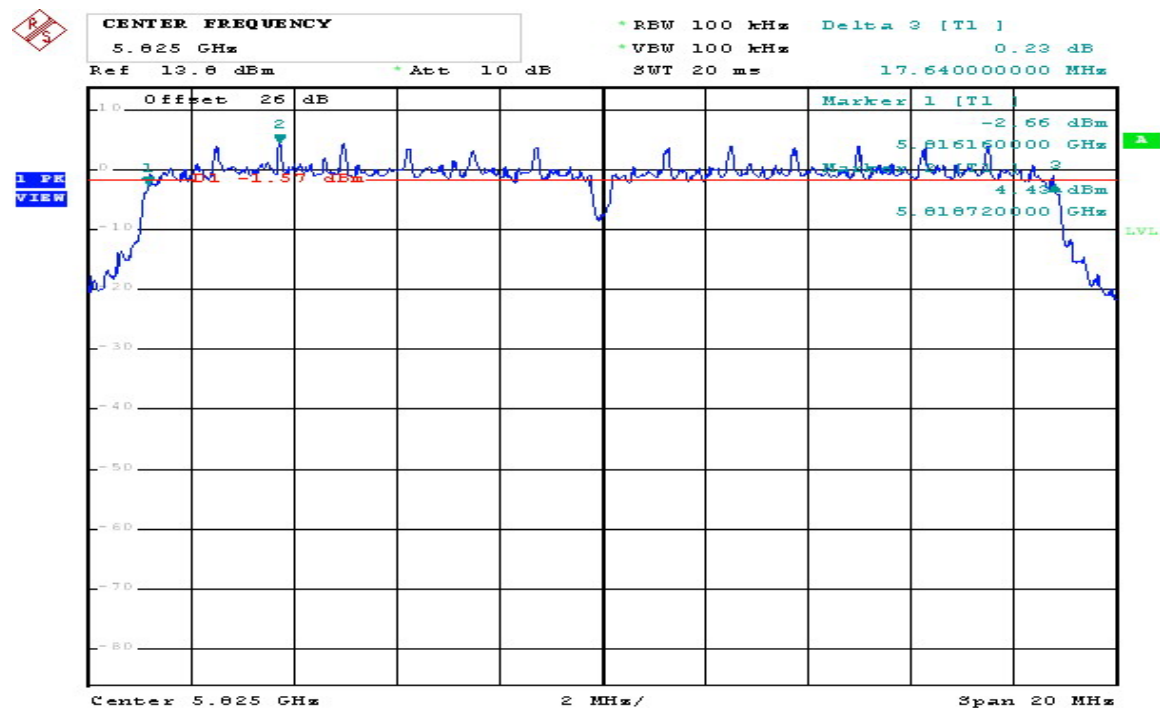
Comment: 802.11n(20) 5745MHz
Date: 11.NOV.2008 17:52:01

802.11n (HT20) CH157 5785MHz Chain B



Comment: 802.11n(20) 5785MHz
Date: 11.NOV.2008 17:43:31

802.11n (HT20) CH165 5825MHz Chain B



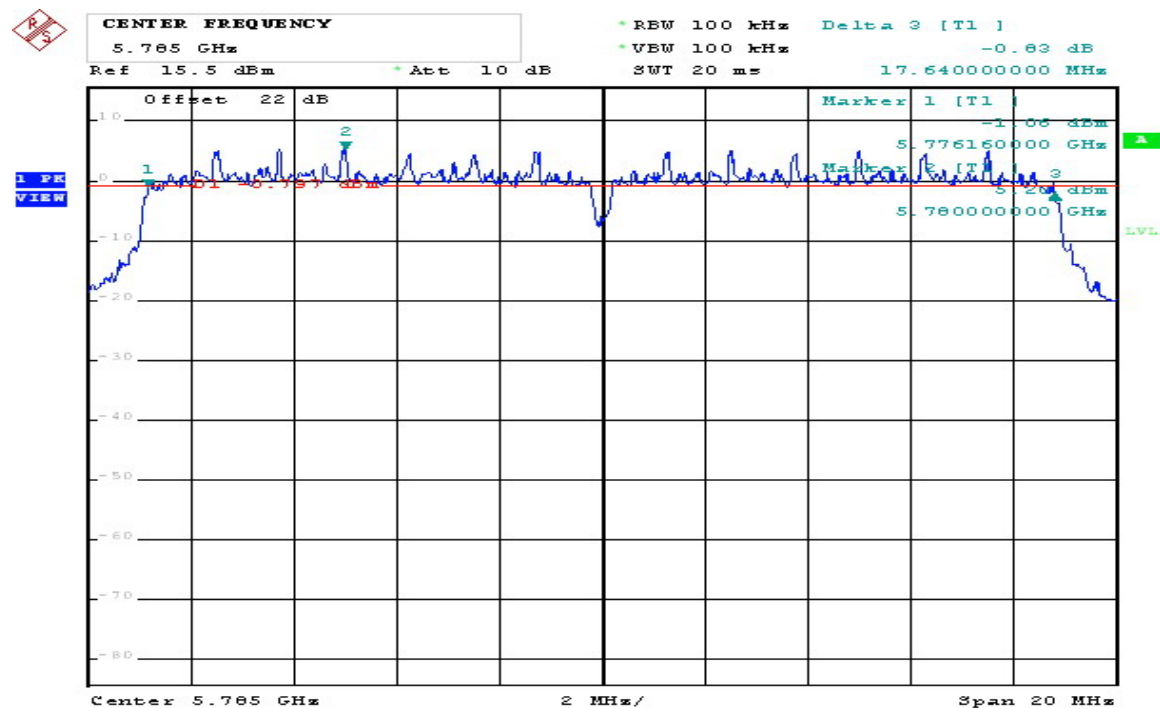
Comment: 802.11n(20) 5825MHz
Date: 11.NOV.2008 17:41:39

802.11n (HT20) CH149 5745MHz Chain C



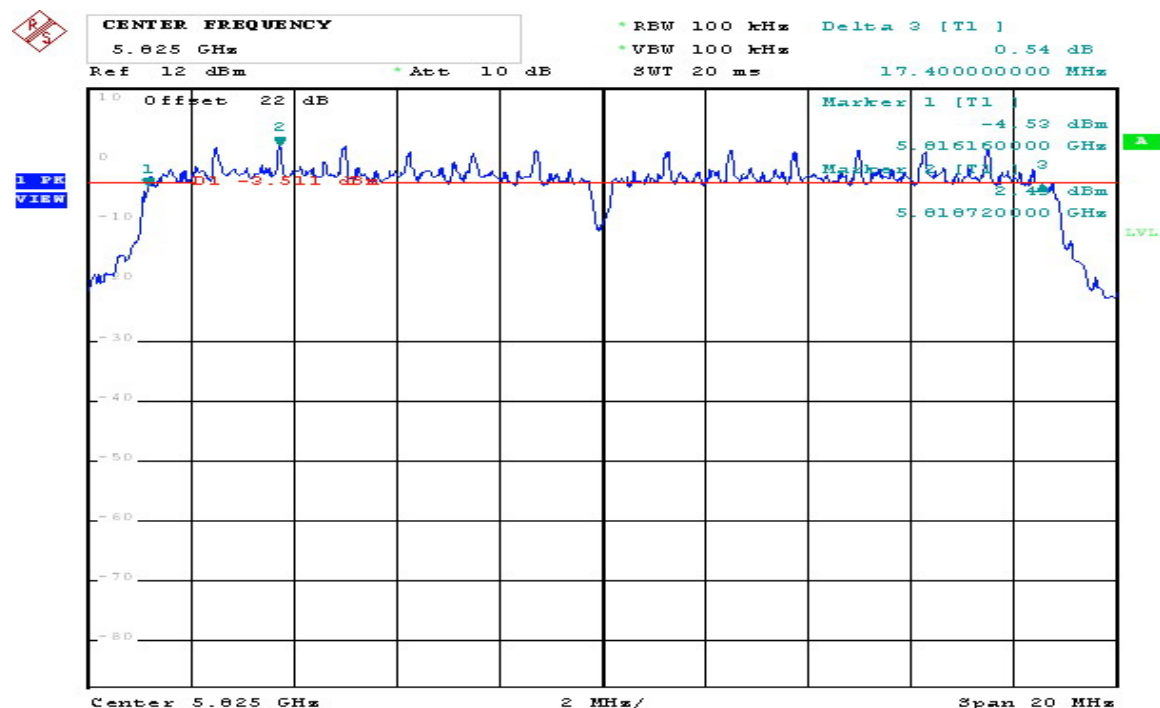
Comment: 802.11n(20) 5745MHz
Date: 11.NOV.2008 17:52:01

802.11n (HT20) CH157 5785MHz Chain C



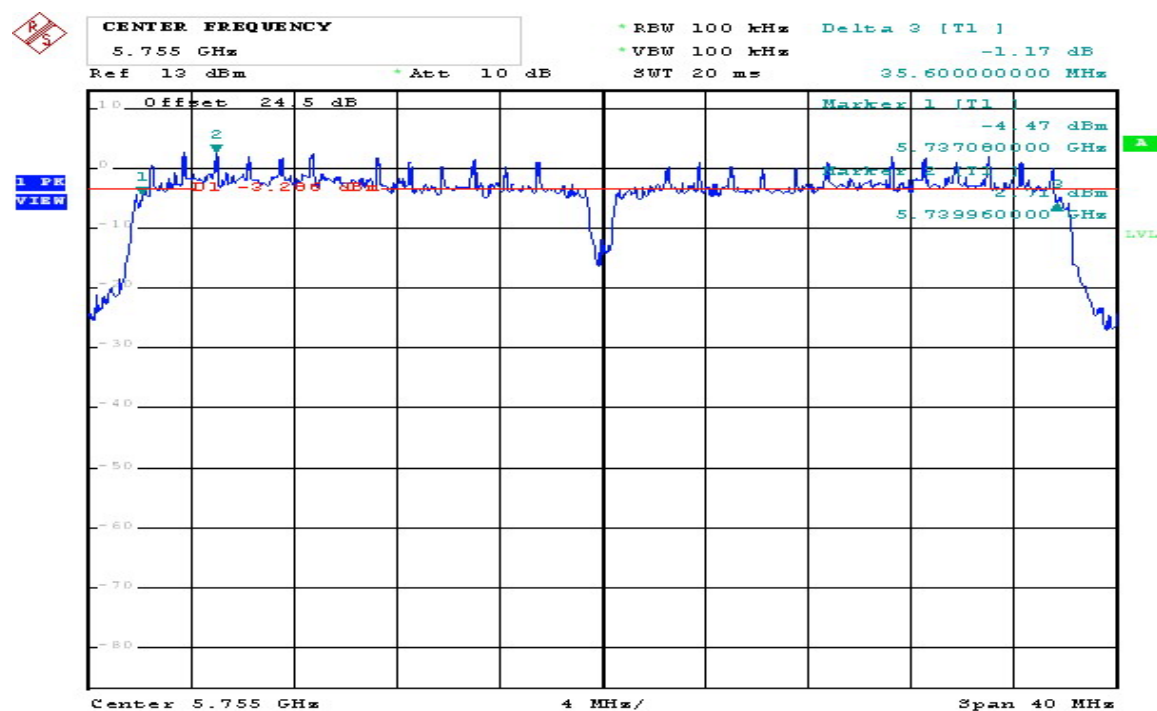
Comment: 802.11n(20) 5785MHz
Date: 11.NOV.2008 17:54:01

802.11n (HT20) CH165 5825MHz Chain C



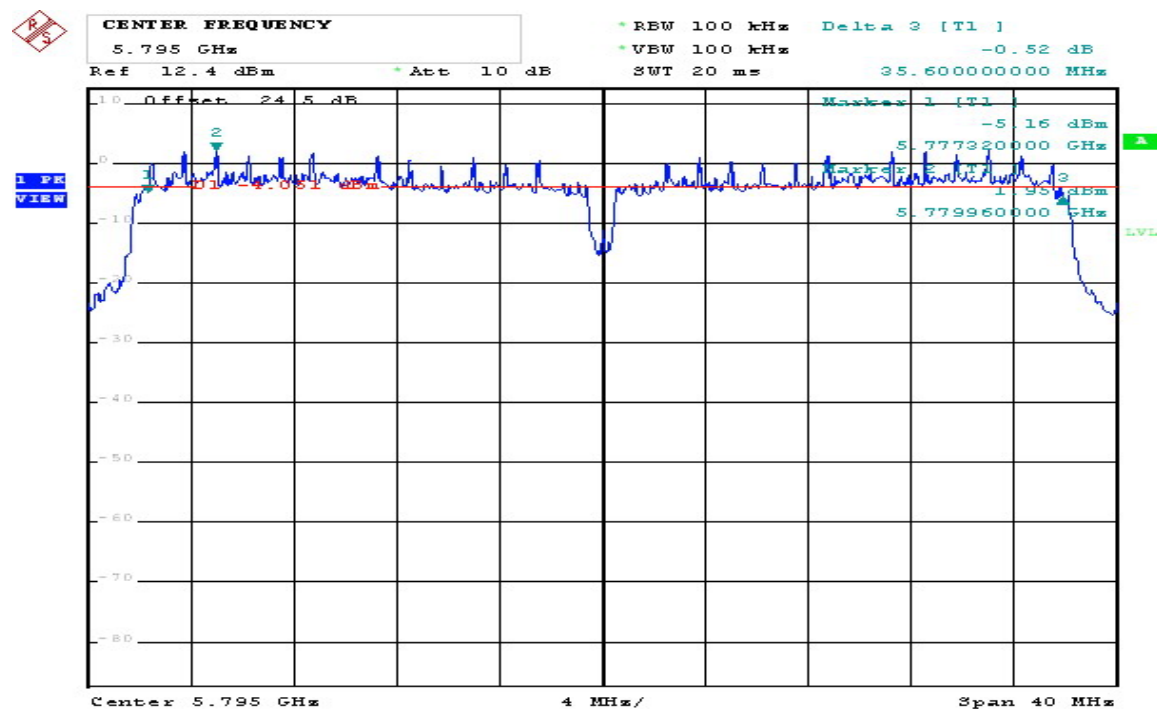
Comment: 802.11n(20) 5825MHz
Date: 11.NOV.2008 17:55:53

802.11n (HT40) CH151 5755MHz Chain A



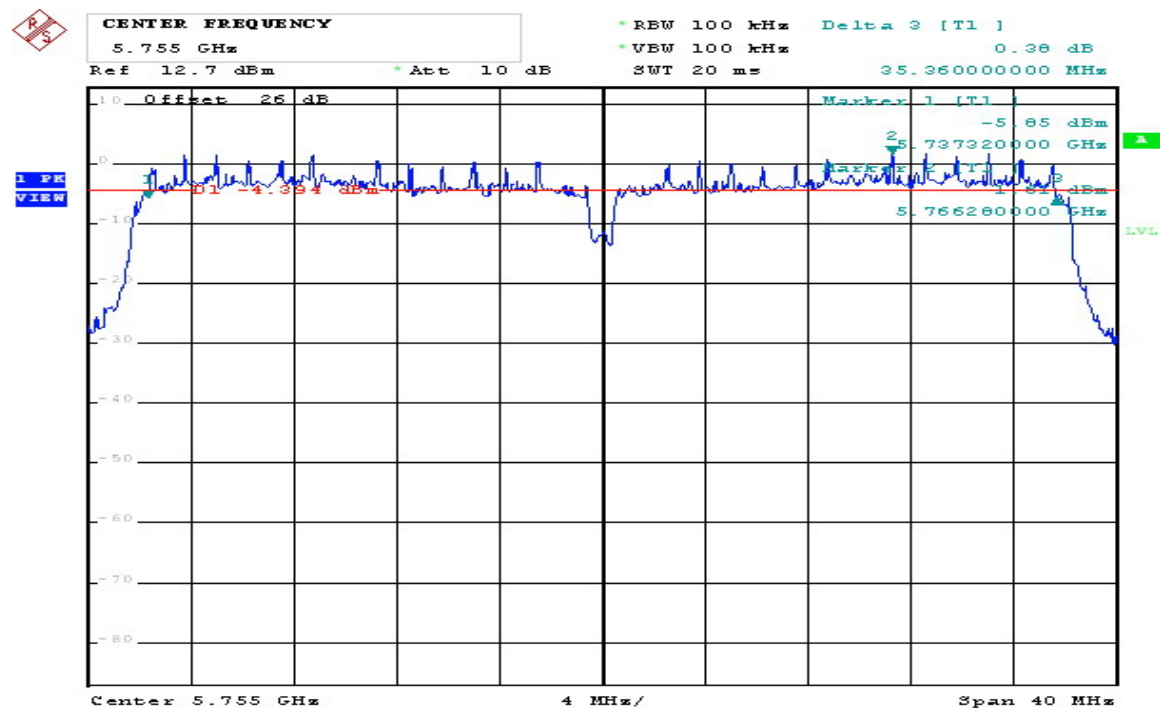
Comment: 802.11n(40) 5755MHz
Date: 11.NOV.2008 18:05:05

802.11n (HT40) CH159 5795MHz Chain A



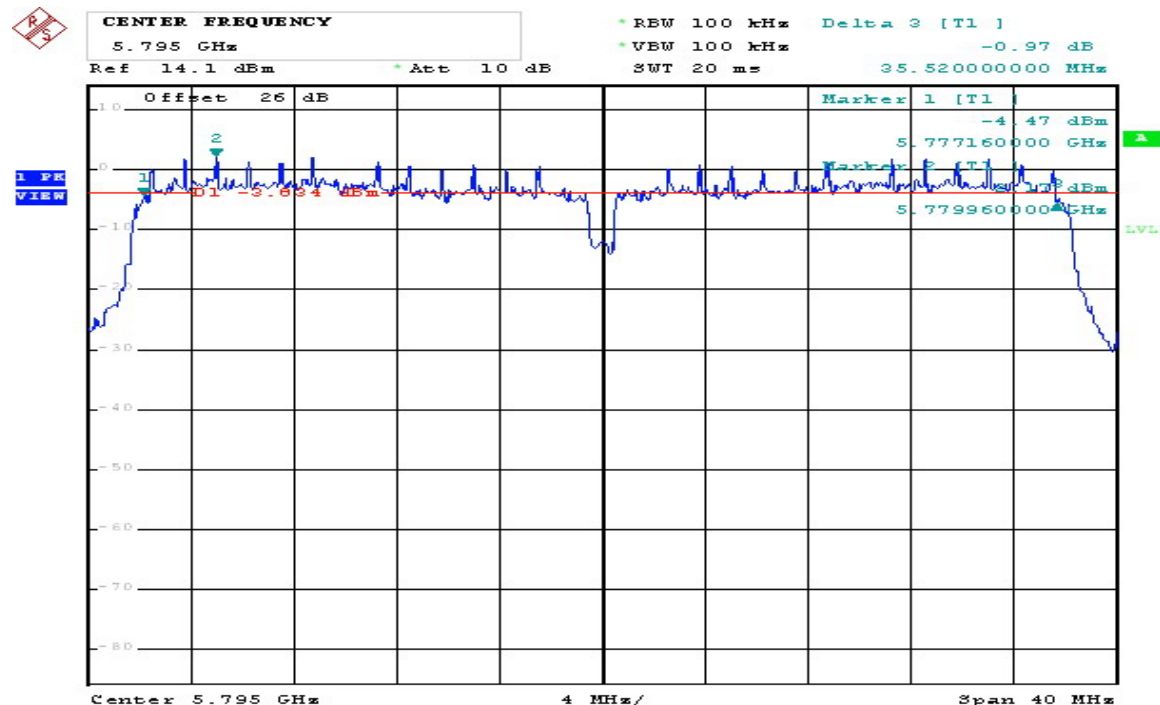
Comment: 802.11n(40) 5795MHz
Date: 11.NOV.2008 18:06:57

802.11n (HT40) CH151 5755MHz Chain B



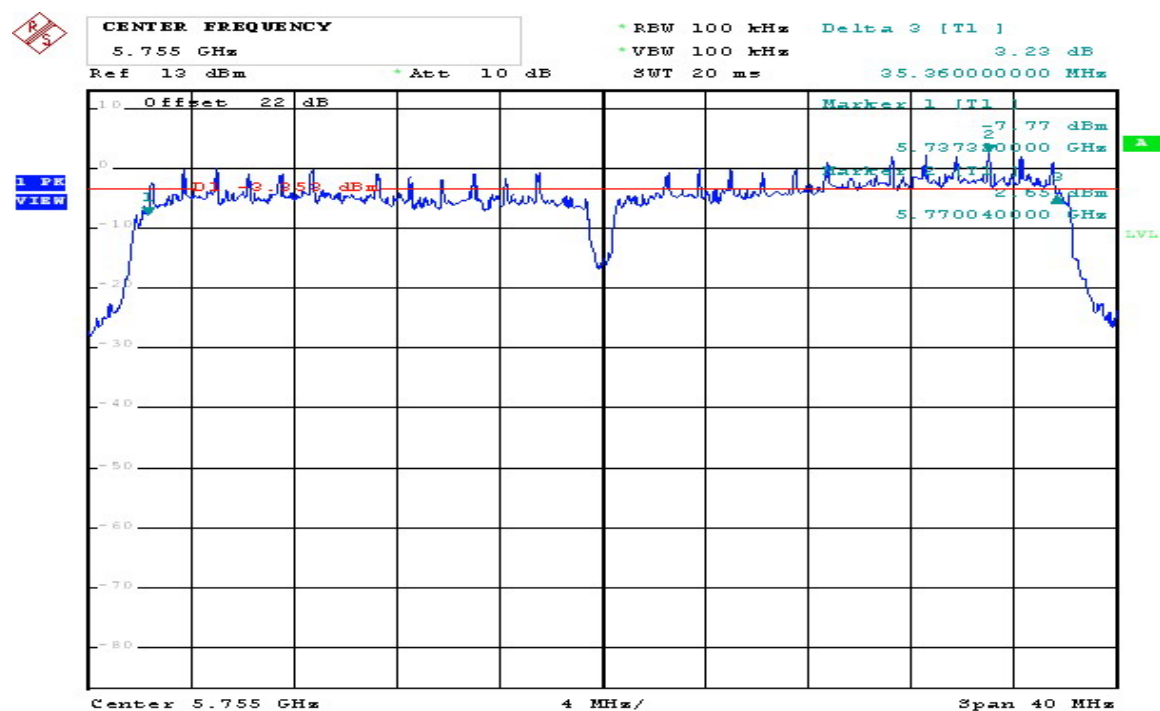
Comment: 802.11n(40) 5755MHz
Date: 11.NOV.2008 16:11:20

802.11n (HT40) CH159 5795MHz Chain B



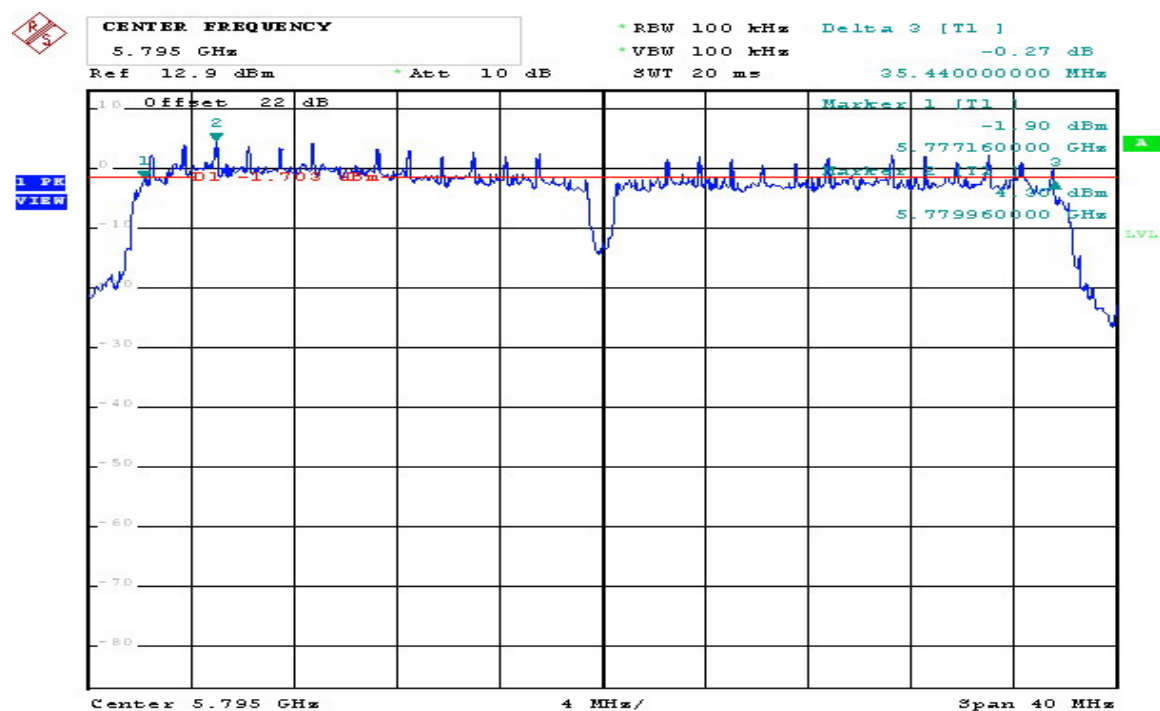
Comment: 802.11n(40) 5795MHz
Date: 11.NOV.2008 16:09:28

802.11n (HT40) CH151 5755MHz Chain C



Comment: 802.11n(40) 5755MHz
Date: 11.NOV.2008 16:13:37

802.11n (HT40) CH159 5795MHz Chain C



Comment: 802.11n(40) 5795MHz
Date: 11.NOV.2008 16:15:25