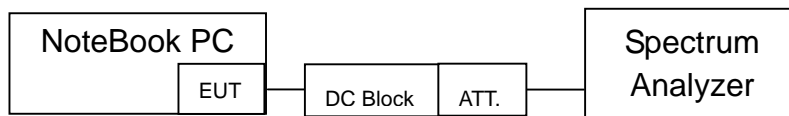


5 Peak excursion to average ratio test

5.1 Limits

Operating Frequency (MHz)	Peak excursion to average ratio limit
5150~5250	<13dB
5250~5350	<13dB
5725~5825	<13dB

5.2 Configuration of Measurement



5.3 Test Procedure

Peak excursion to average ratio was measured from the antenna port of the EUT. Using a 50ohm spectrum analyzer with the RBW=VBW=1MHz for peak measurement and RBW=1MHz, VBW=10kHz for average measurement. Peak excursion to average ratio was read directly.

5.4 Test Result

PASS.

The final test data is shown on as following pages.

Peak excursion to Average ratio

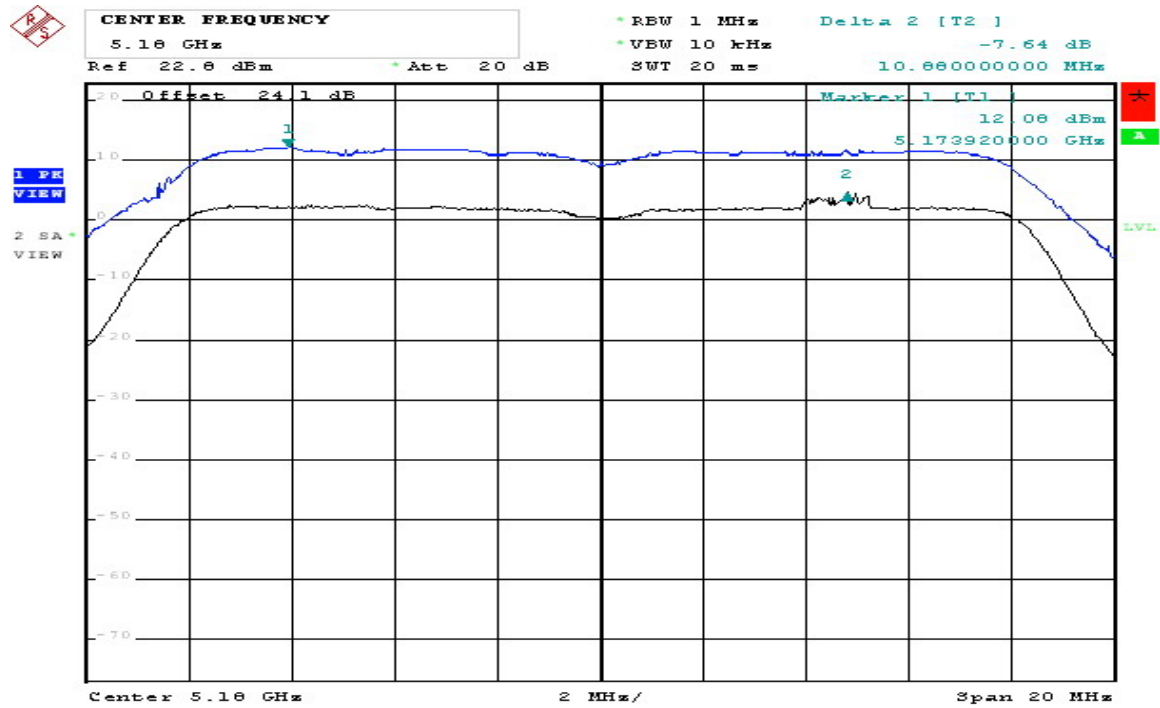
Test Mode : 802.11a					
Test CH		PK excursion to Avg. ratio (dB)			Limit (dB)
CH No.	Freq. (MHz)	Chain A	Chain B	Chain C	
36	5180	7.64	8.08	11.10	13
44	5220	9.52	9.62	9.66	13
48	5240	10.53	9.44	9.65	13
52	5260	9.58	9.48	9.47	13
60	5300	9.60	10.15	9.61	13
64	5320	9.99	9.63	9.55	13
100	5500	11.36	9.67	10.19	13
120	5600	8.74	9.76	9.49	13
140	5700	9.53	11.22	9.29	13

Test Mode : 802.11n (HT20)					
Test CH		PK excursion to Avg. ratio (dB)			Limit (dB)
CH No.	Freq. (MHz)	Chain A	Chain B	Chain C	
36	5180	10.04	8.06	10.13	13
44	5220	9.41	10.64	11.43	13
48	5240	10.45	10.51	10.01	13
52	5260	10.52	9.09	11.40	13
60	5300	9.63	11.17	10.64	13
64	5320	10.22	9.46	10.03	13
100	5500	8.91	9.45	9.69	13
120	5600	10.48	10.41	10.16	13
140	5700	10.62	11.51	9.34	13

Test Mode : 802.11n (HT40)					
Test CH		PK excursion to Avg. ratio (dB)			Limit (dB)
CH No.	Freq. (MHz)	Chain A	Chain B	Chain C	
38	5190	9.83	10.58	10.19	13
46	5230	9.79	9.32	10.32	13
54	5270	10.17	10.04	9.85	13
62	5310	9.66	10.25	10.16	13
102	5510	11.82	9.95	10.36	13
118	5590	10.22	10.30	9.92	13
134	5670	10.31	10.22	11.29	13

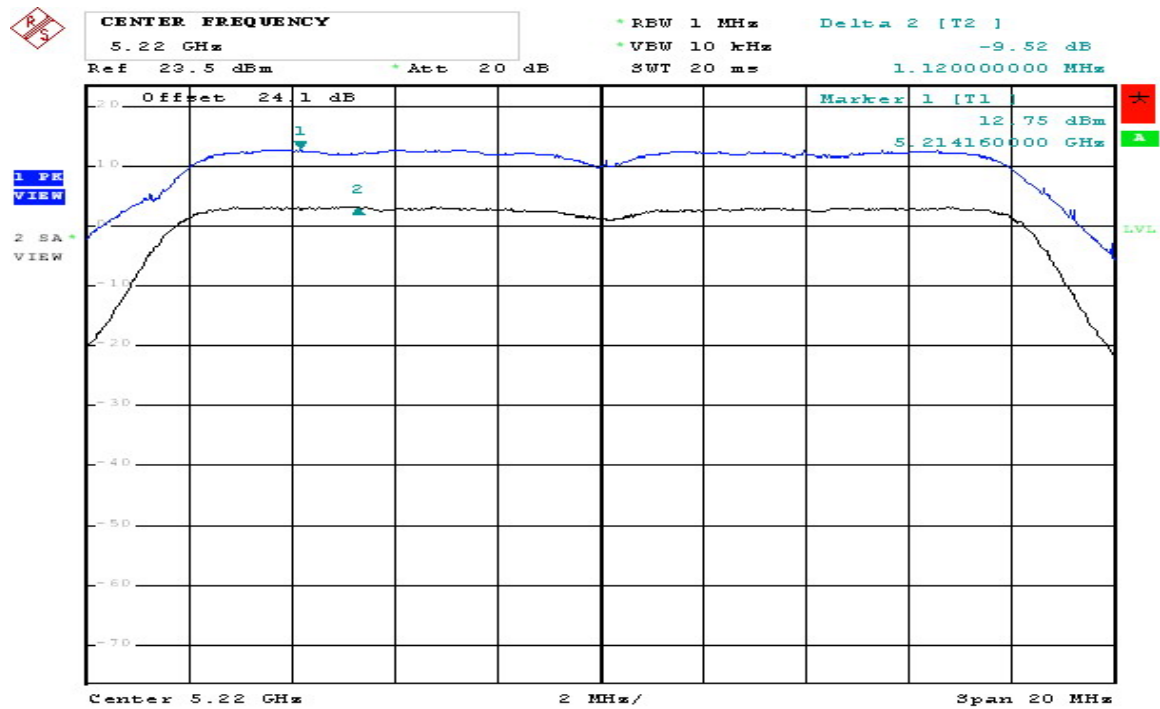
Peak excursion to Average ratio

802.11 a Chain A CH36 5180MHz PK to AV Ratio



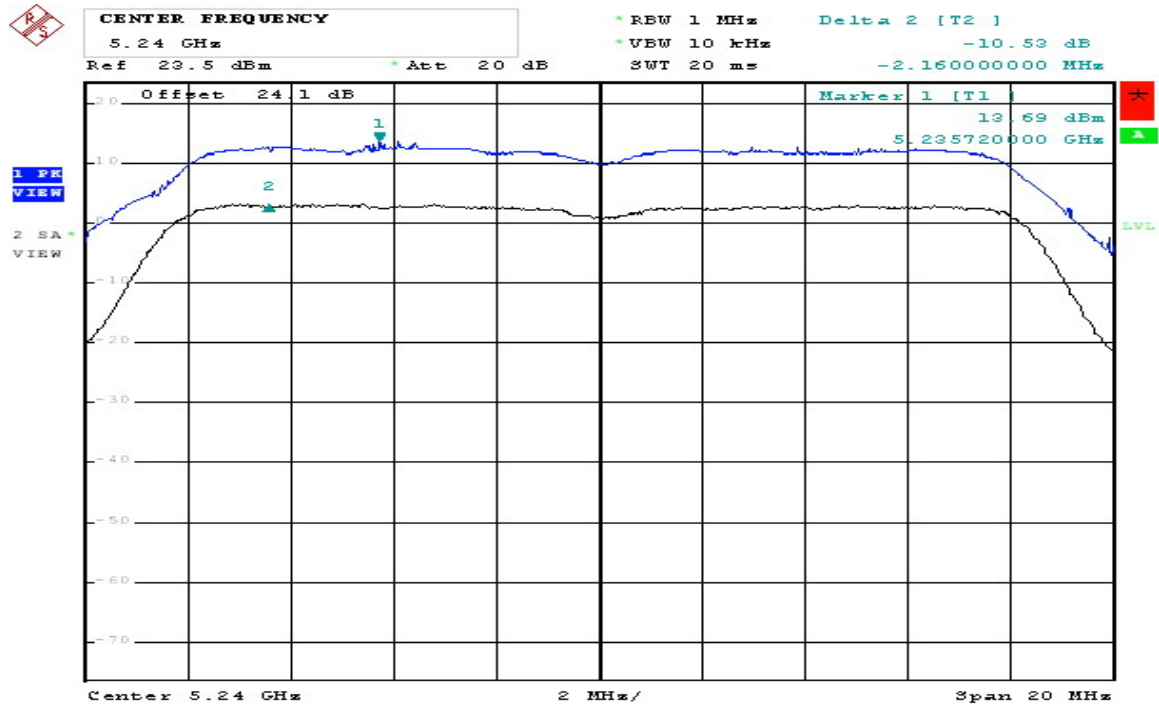
Comment: 802.11a 5180MHz
Date: 7.NOV.2008 13:00:56

802.11 a Chain A CH44 5220MHz PK to AV Ratio



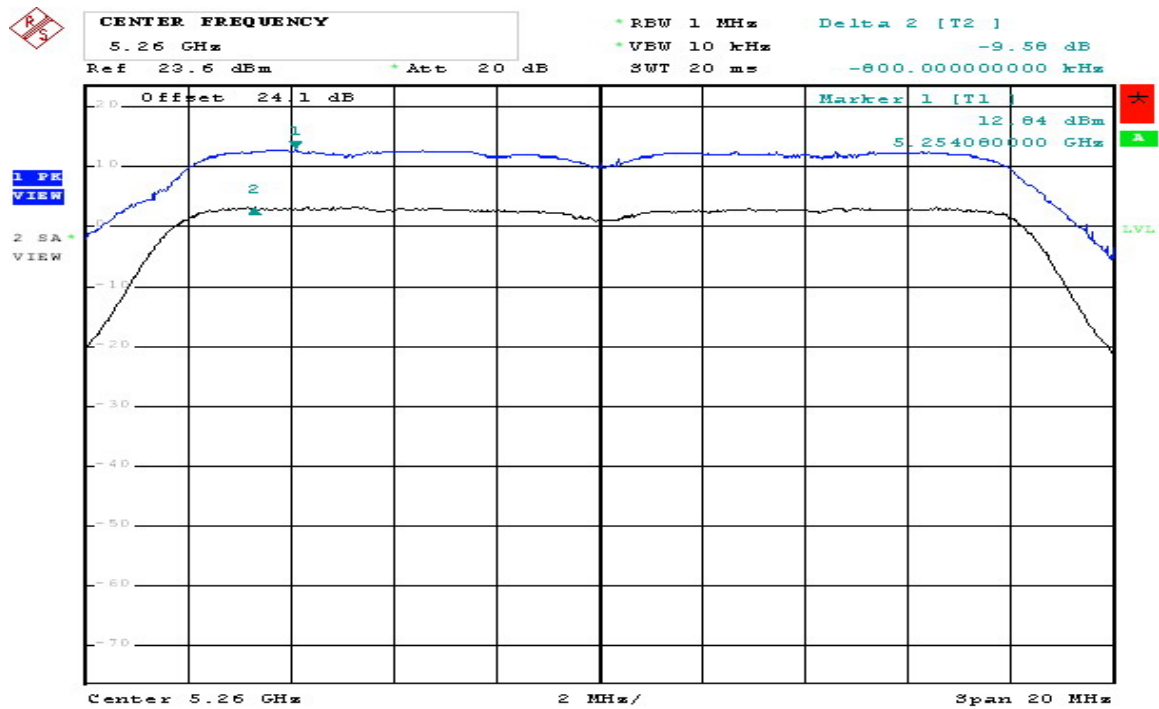
Comment: 802.11a 5220MHz
Date: 7.NOV.2008 13:08:22

802.11 a Chain A CH48 5240MHz PK to AV Ratio



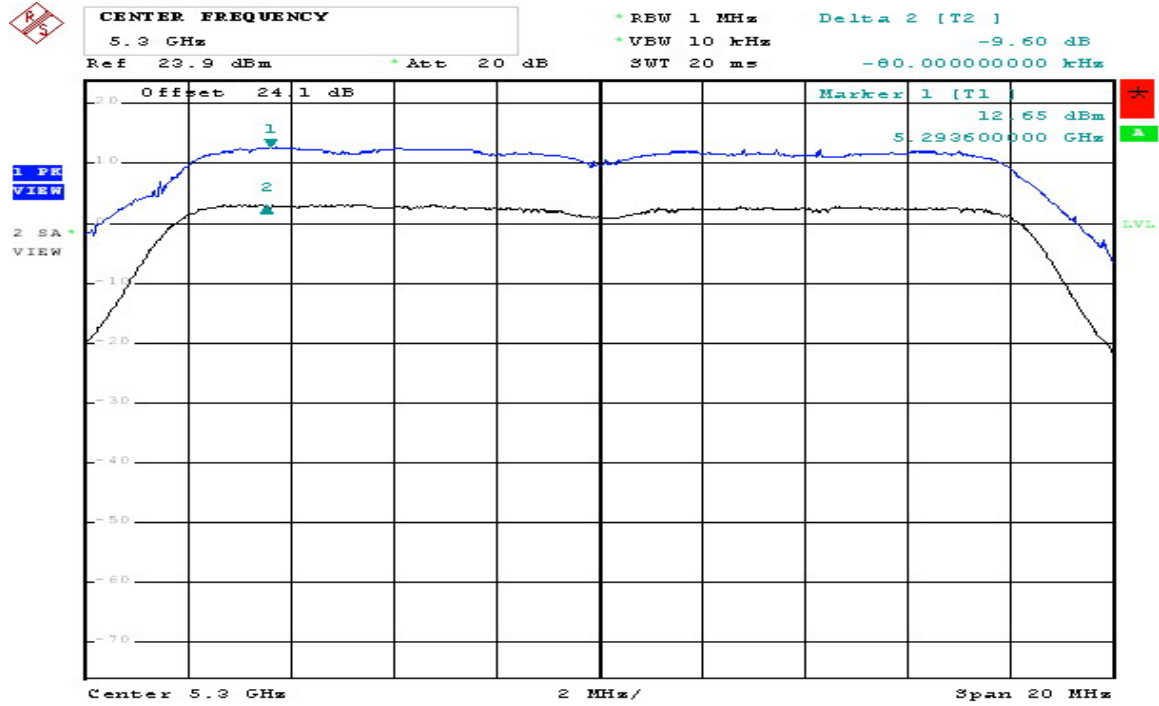
Comment: 802.11a 5240MHz
Date: 7.NOV.2008 13:11:23

802.11 a Chain A CH52 5260MHz PK to AV Ratio



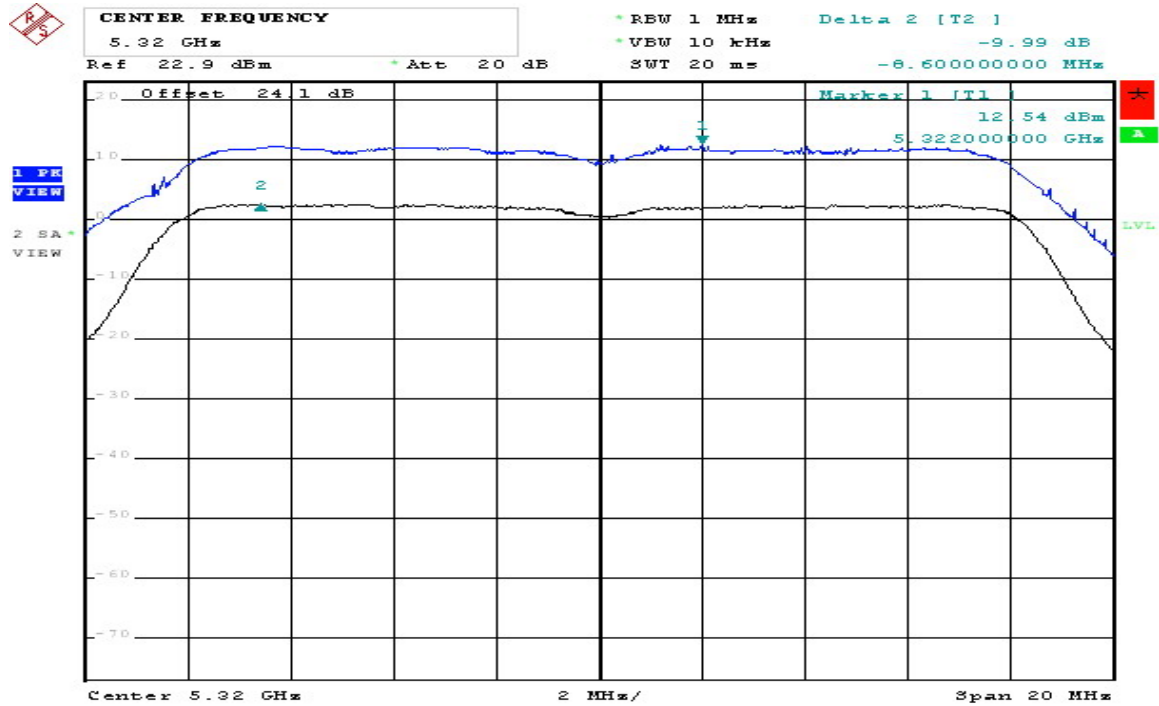
Comment: 802.11a 5260MHz
Date: 7.NOV.2008 13:14:34

802.11 a Chain A CH60 5300MHz PK to AV Ratio



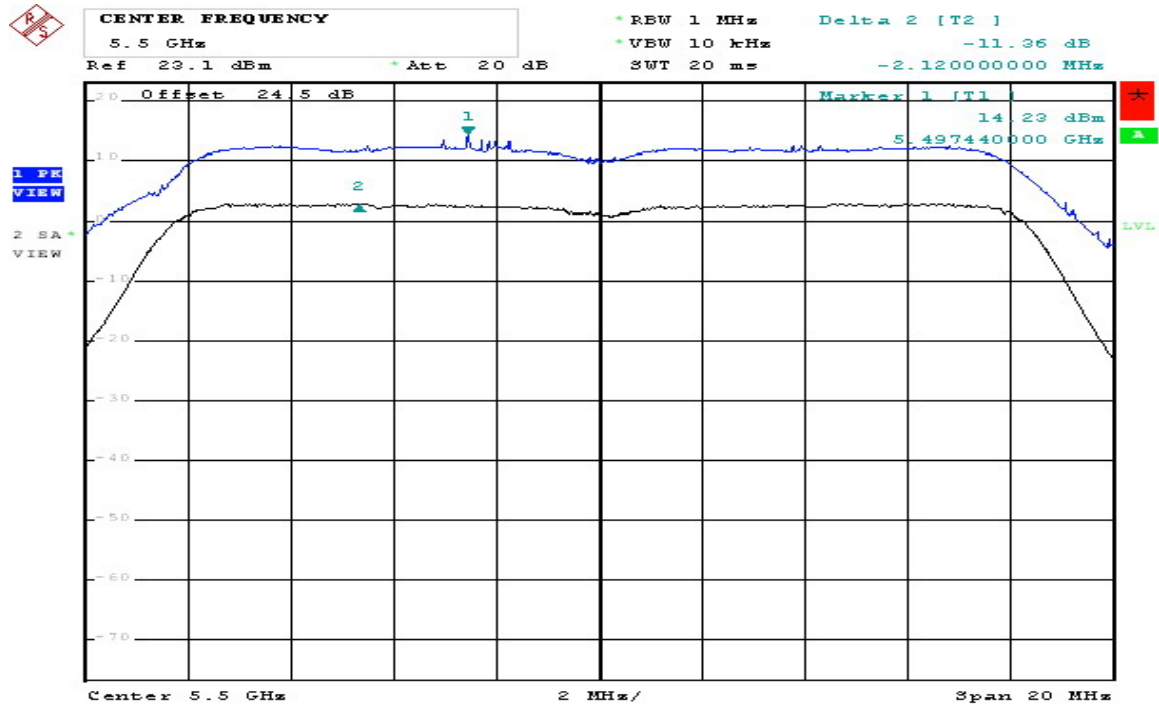
Comment: 802.11a 5300MHz
Date: 7.NOV.2008 13:18:18

802.11 a Chain A CH64 5320MHz PK to AV Ratio



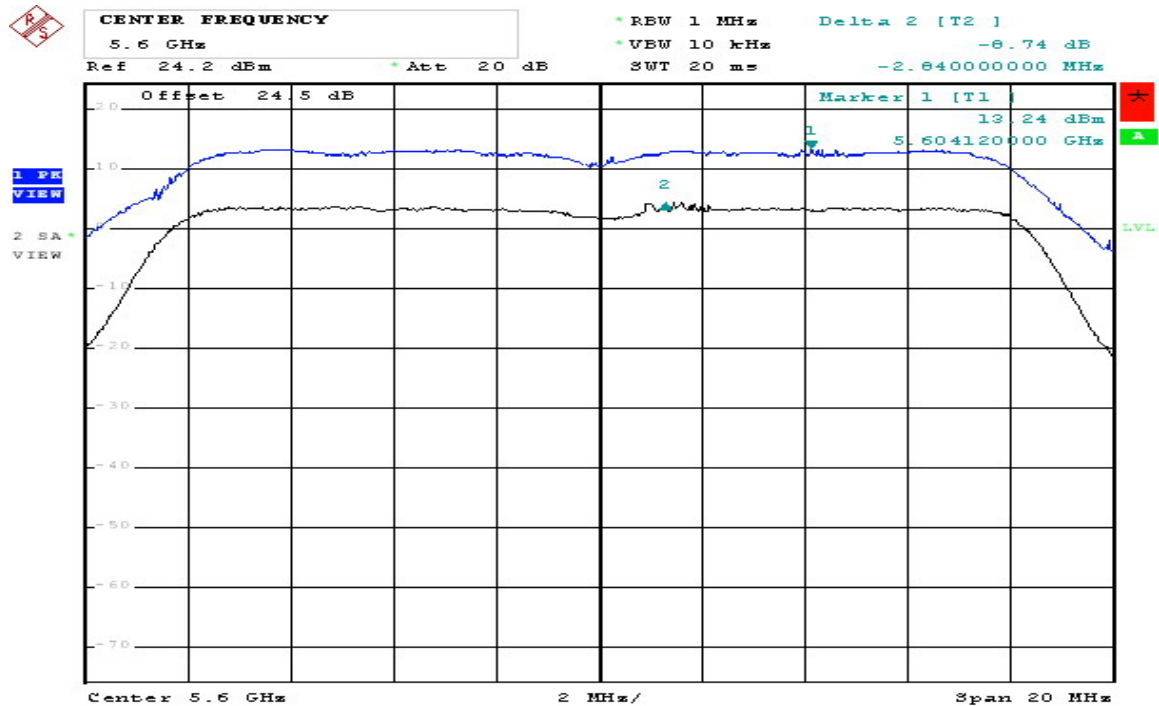
Comment: 802.11a 5320MHz
Date: 7.NOV.2008 13:21:28

802.11 a Chain A CH100 5500MHz PK to AV Ratio



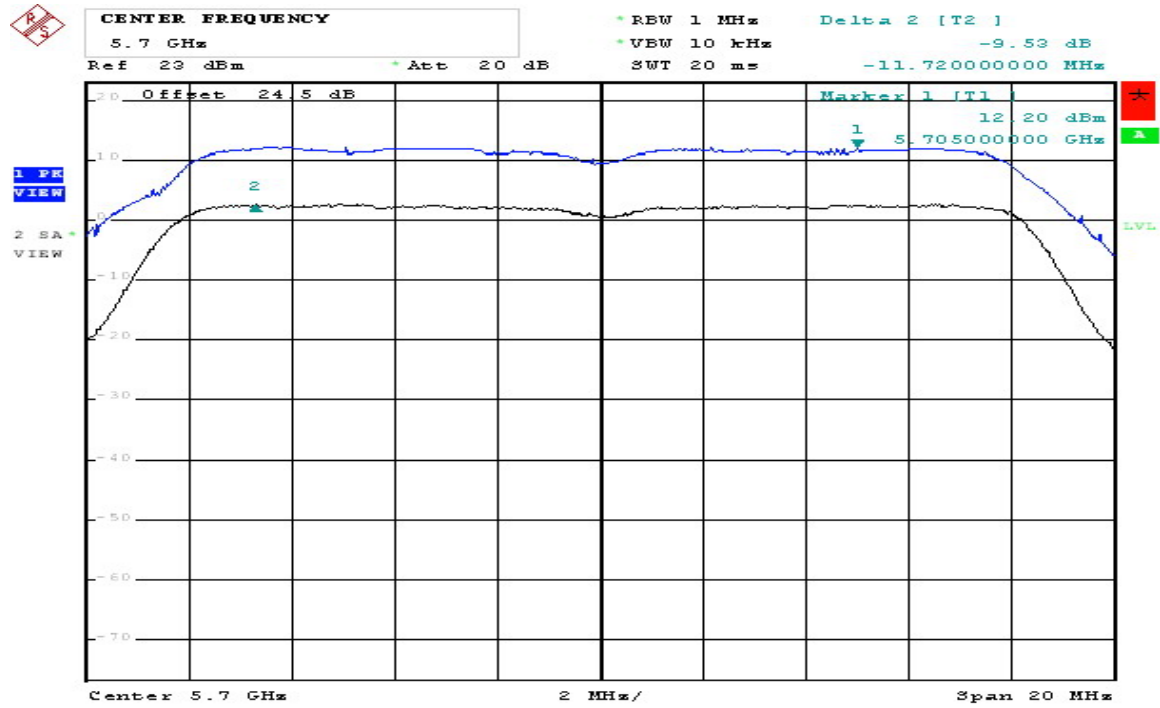
Comment: 802.11a 5500MHz
Date: 7.NOV.2008 13:26:23

802.11 a Chain A CH120 5600MHz PK to AV Ratio



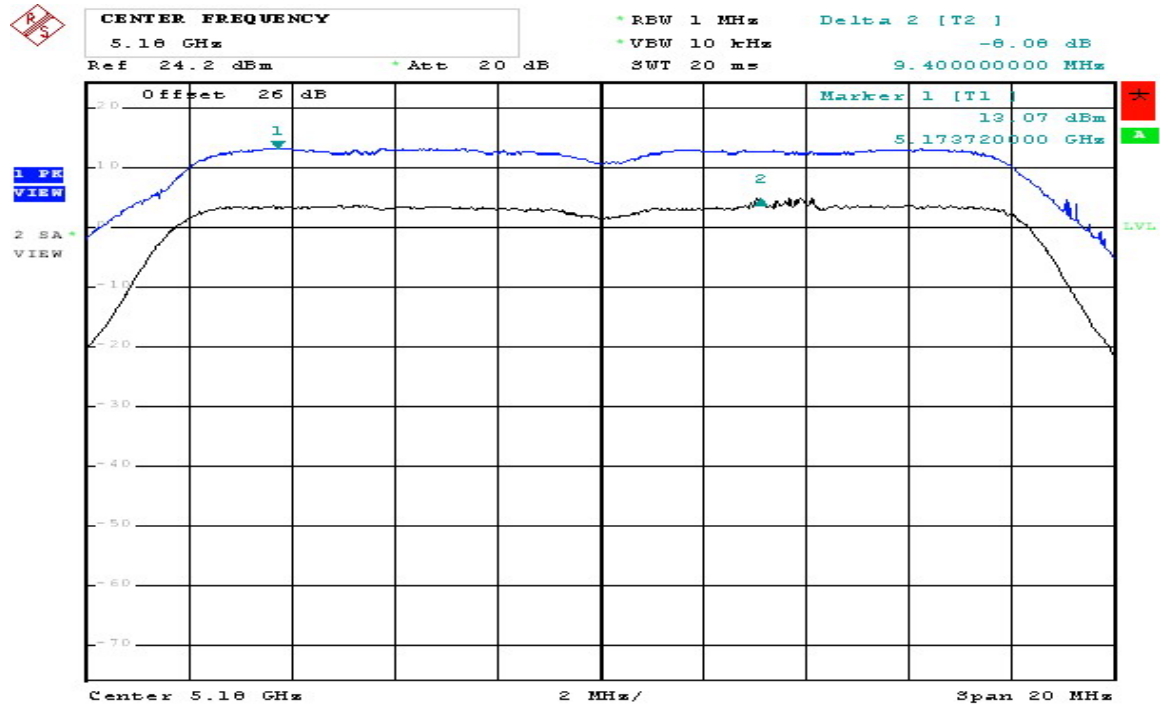
Comment: 802.11a 5600MHz
Date: 7.NOV.2008 13:30:25

802.11 a Chain A CH140 5700MHz PK to AV Ratio



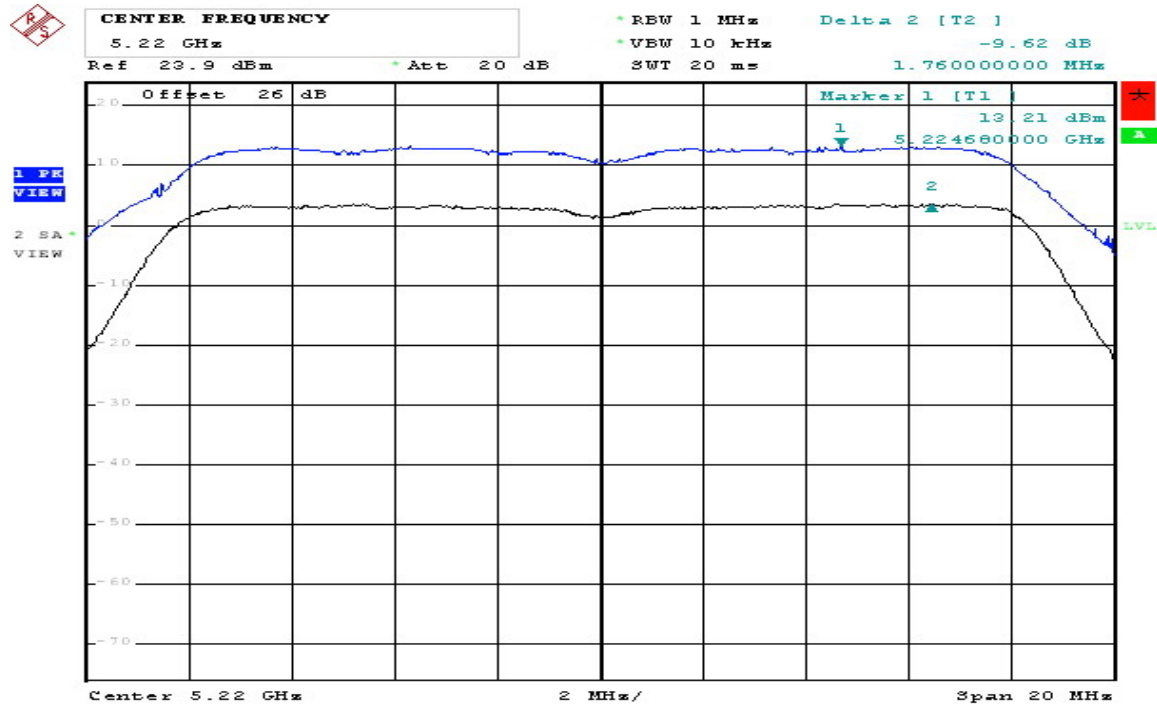
Comment: 802.11a 5700MHz
Date: 7.NOV.2008 13:33:27

802.11 a Chain B CH36 5180MHz PK to AV Ratio



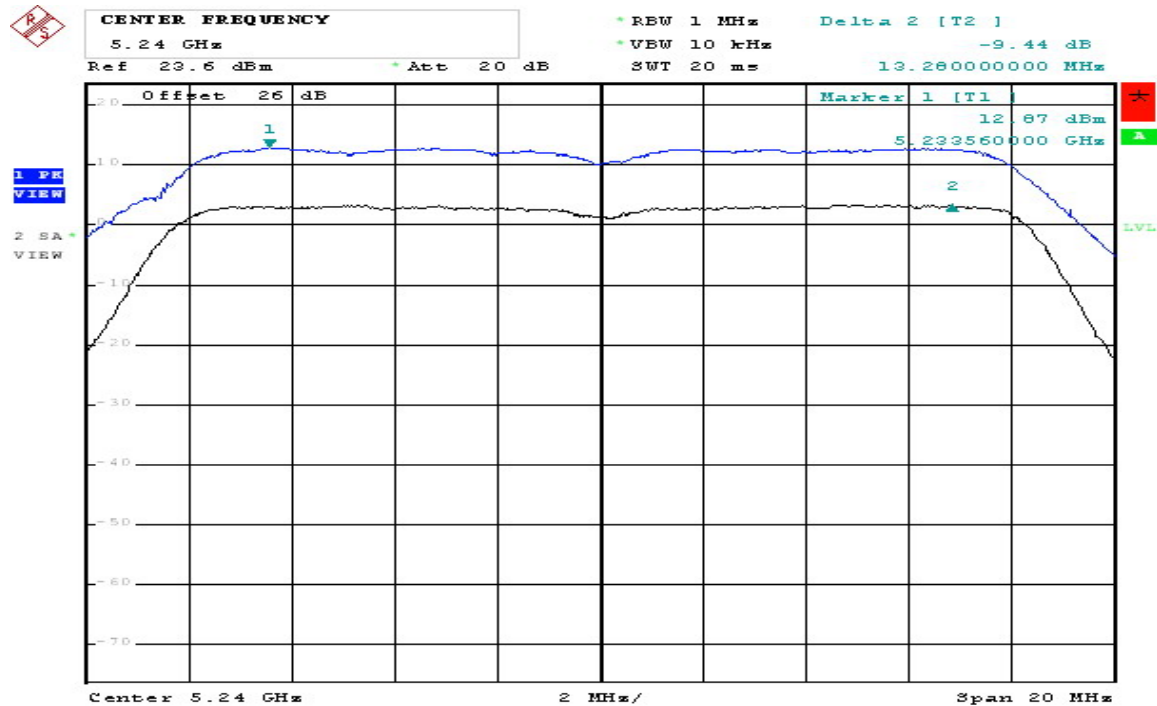
Comment: 802.11a 5180MHz
Date: 7.NOV.2008 13:43:09

802.11 a Chain B CH44 5220MHz PK to AV Ratio



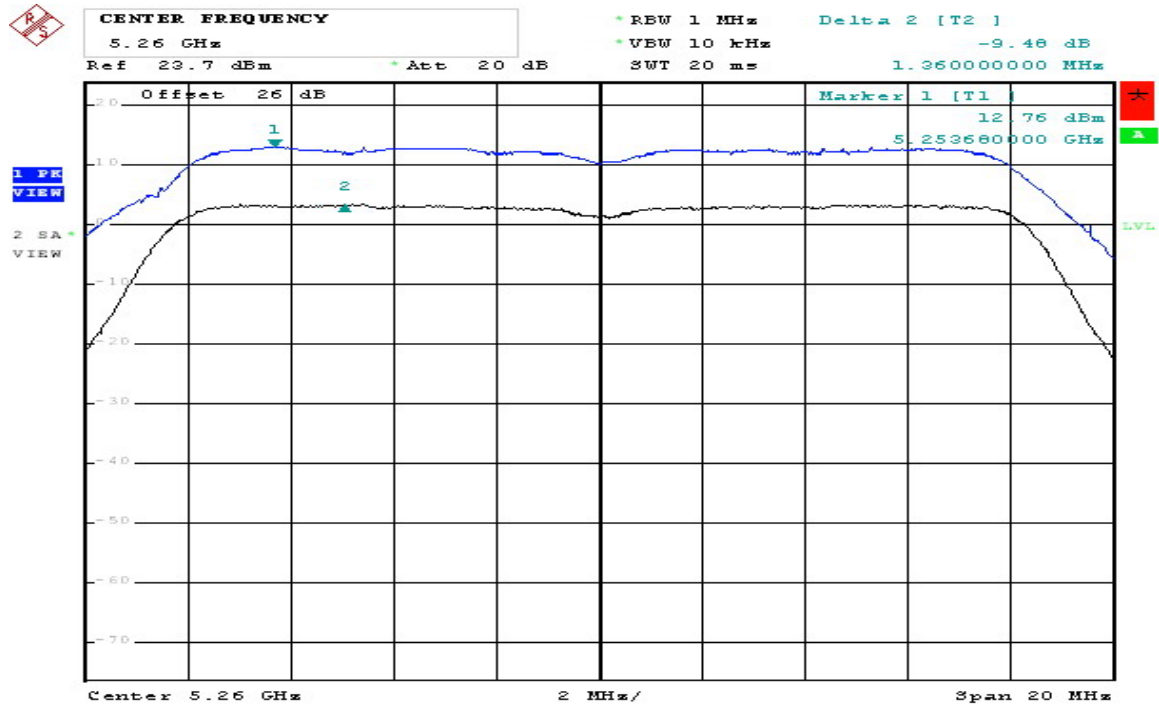
Comment: 802.11a 5220MHz
Date: 7.NOV.2008 13:49:50

802.11 a Chain B CH48 5240MHz PK to AV Ratio



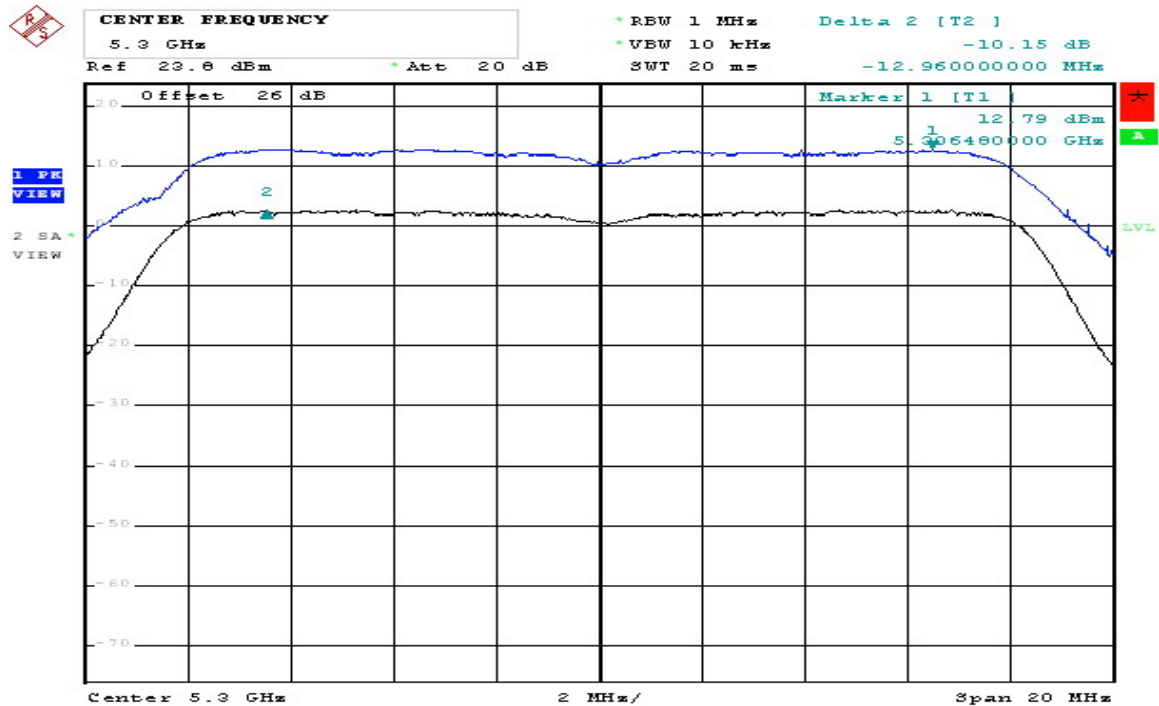
Comment: 802.11a 5240MHz
Date: 7.NOV.2008 13:52:49

802.11 a Chain B CH52 5260MHz PK to AV Ratio



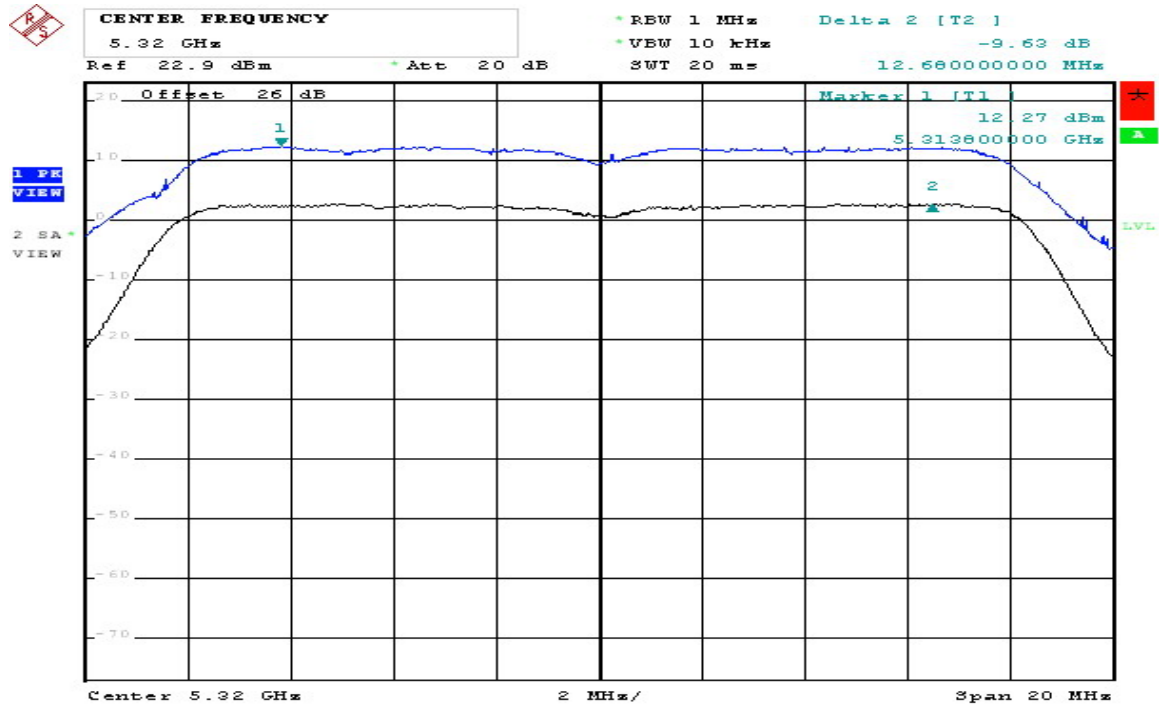
Comment: 802.11a 5260MHz
Date: 7.NOV.2008 13:57:55

802.11 a Chain B CH60 5300MHz PK to AV Ratio



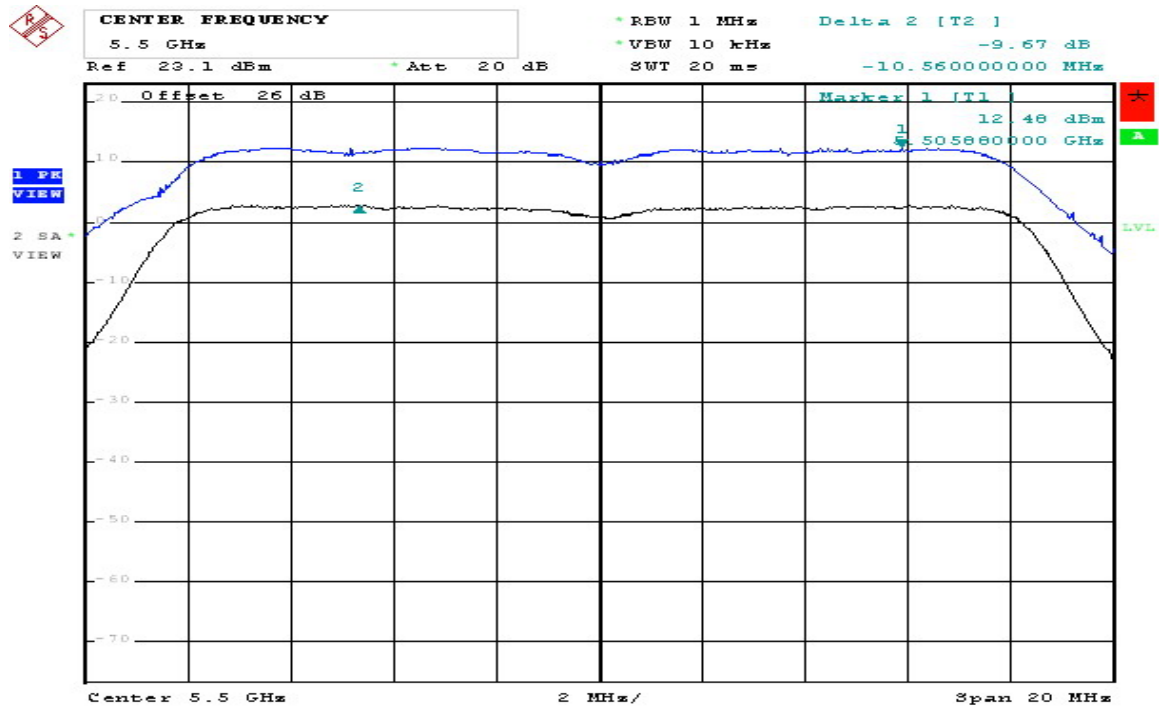
Comment: 802.11a 5300MHz
Date: 7.NOV.2008 14:01:17

802.11 a Chain B CH64 5320MHz PK to AV Ratio



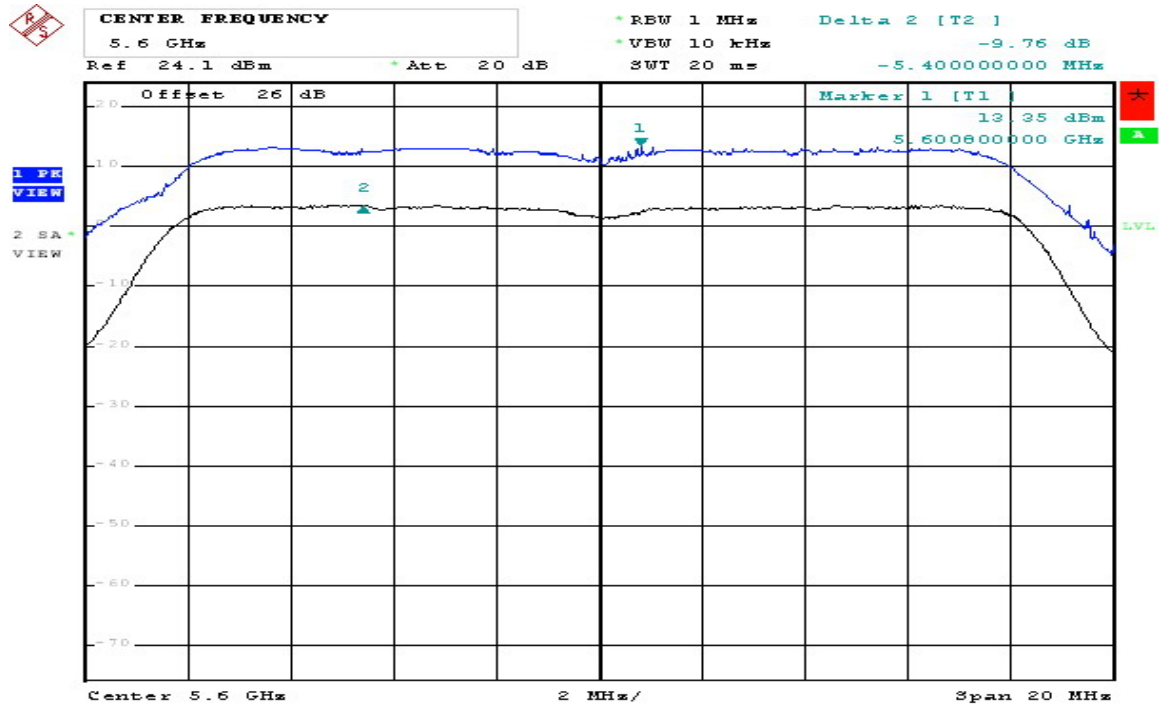
Comment: 802.11a 5320MHz
Date: 7.NOV.2008 14:07:14

802.11 a Chain B CH100 5500MHz PK to AV Ratio



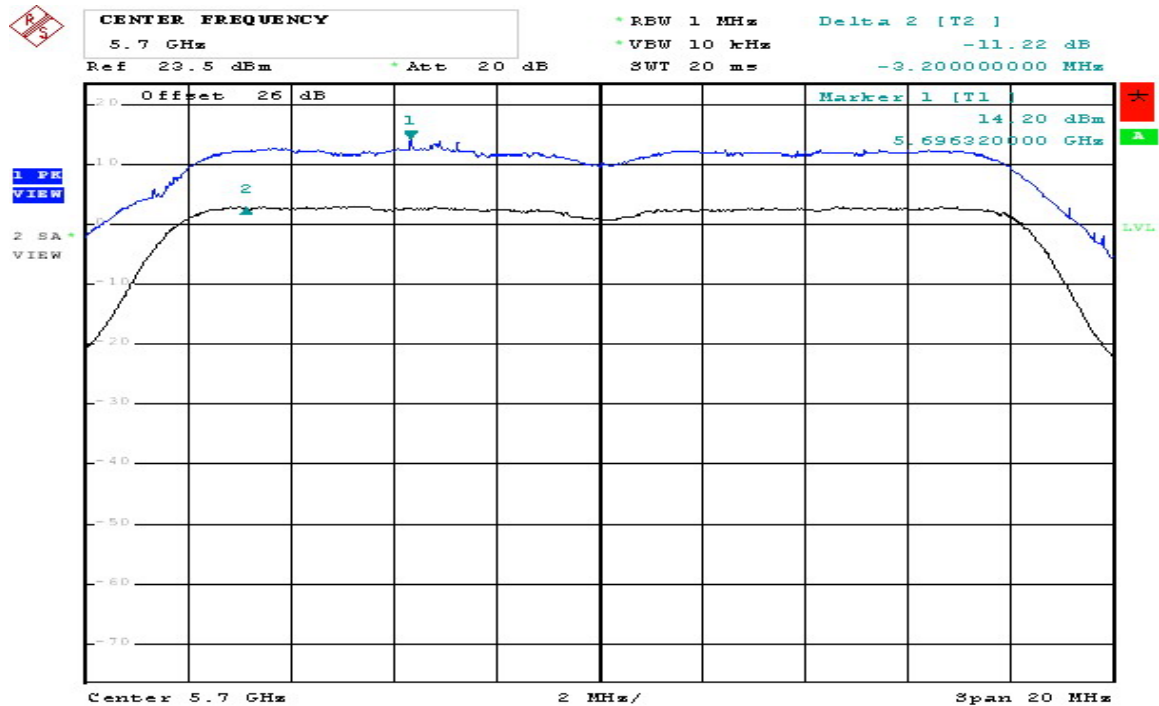
Comment: 802.11a 5500MHz
Date: 7.NOV.2008 14:11:01

802.11 a Chain B CH120 5600MHz PK to AV Ratio



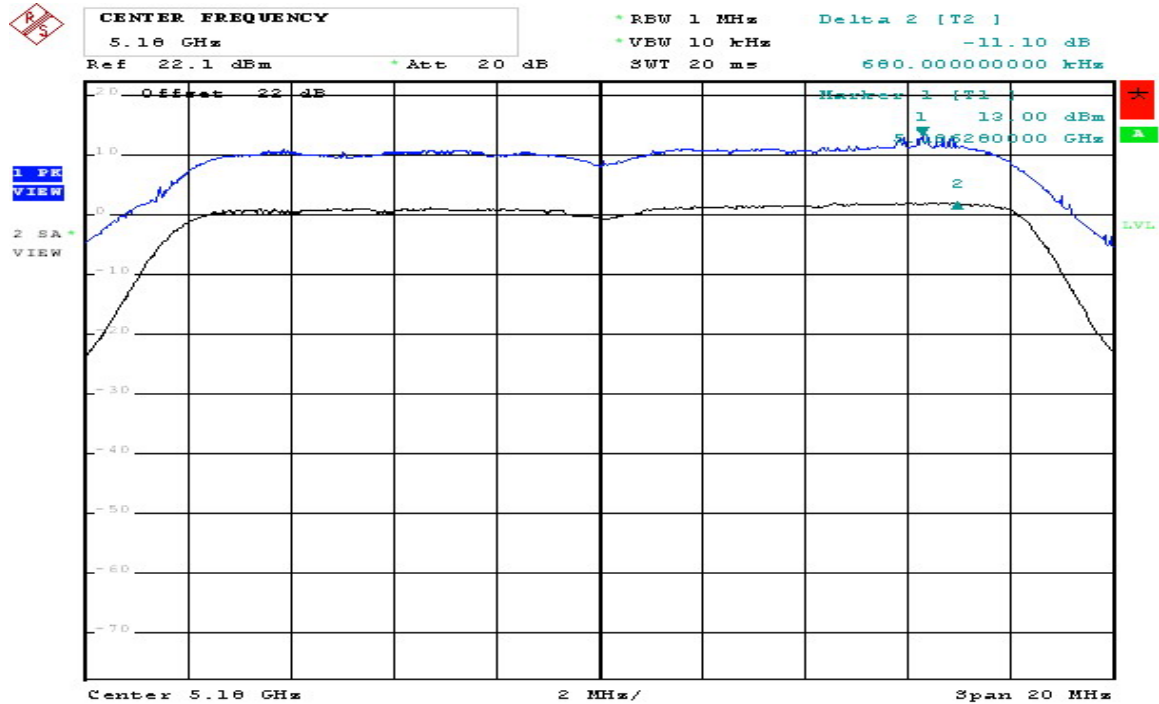
Comment: 802.11a 5600MHz
Date: 7.NOV.2008 14:15:44

802.11 a Chain B CH140 5700MHz PK to AV Ratio



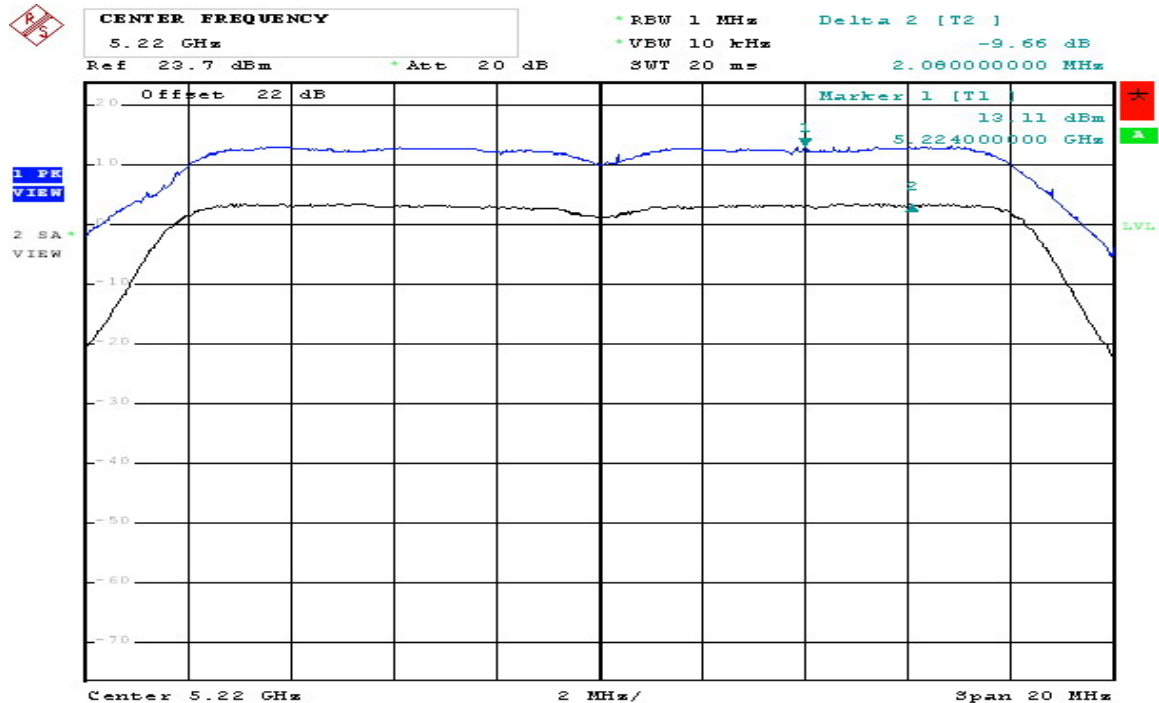
Comment: 802.11a 5700MHz
Date: 7.NOV.2008 14:18:50

802.11 a Chain C CH36 5180MHz PK to AV Ratio



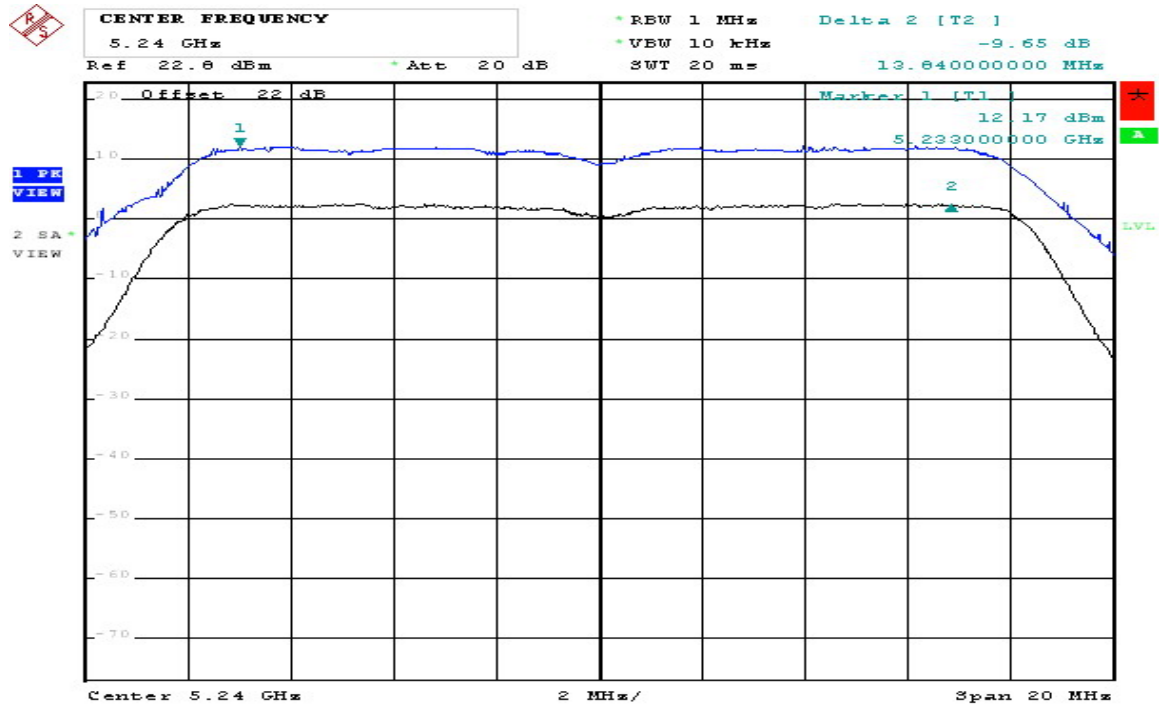
Comment: 802.11a 5180MHz
Date: 7.NOV.2008 14:34:56

802.11 a Chain C CH44 5220MHz PK to AV Ratio



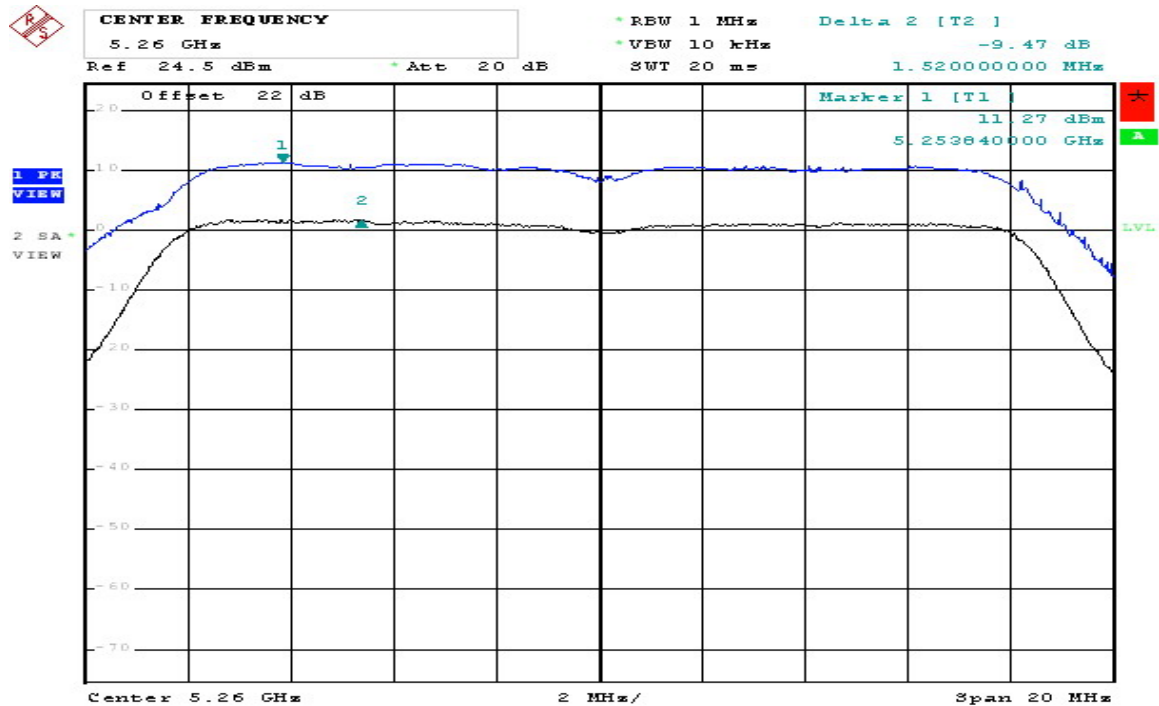
Comment: 802.11a 5220MHz
Date: 7.NOV.2008 14:38:00

802.11 a Chain C CH48 5240MHz PK to AV Ratio



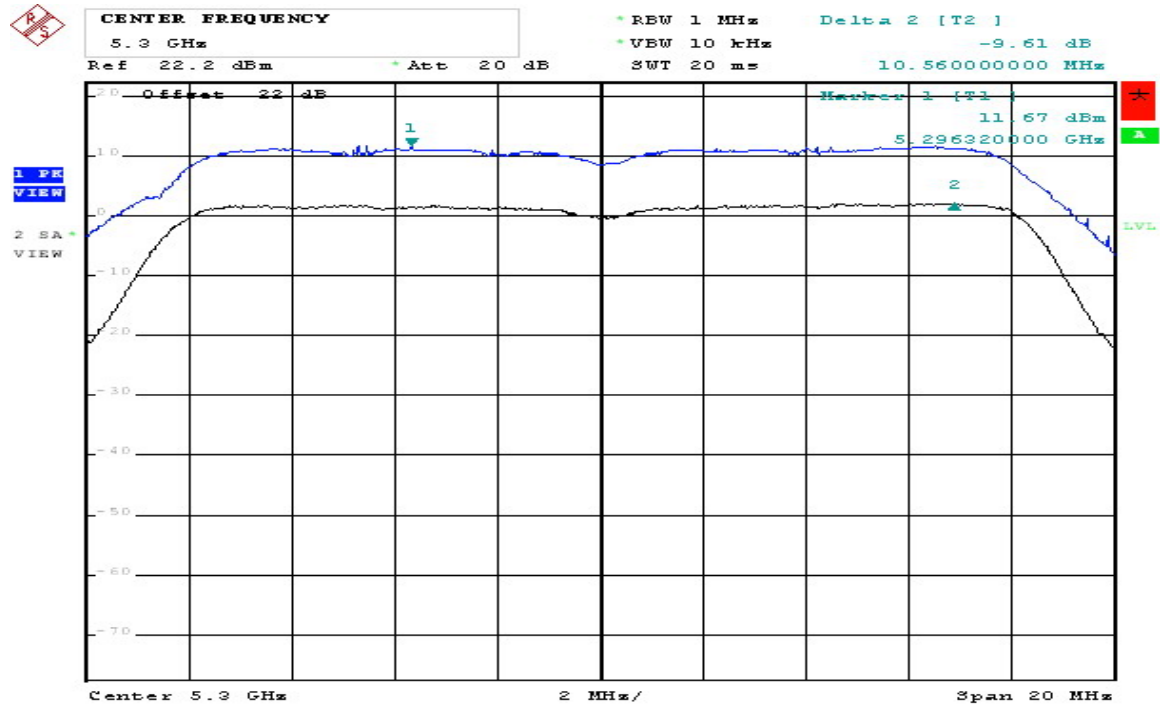
Comment: 802.11a 5240MHz
Date: 7.NOV.2008 14:41:04

802.11 a Chain C CH52 5260MHz PK to AV Ratio



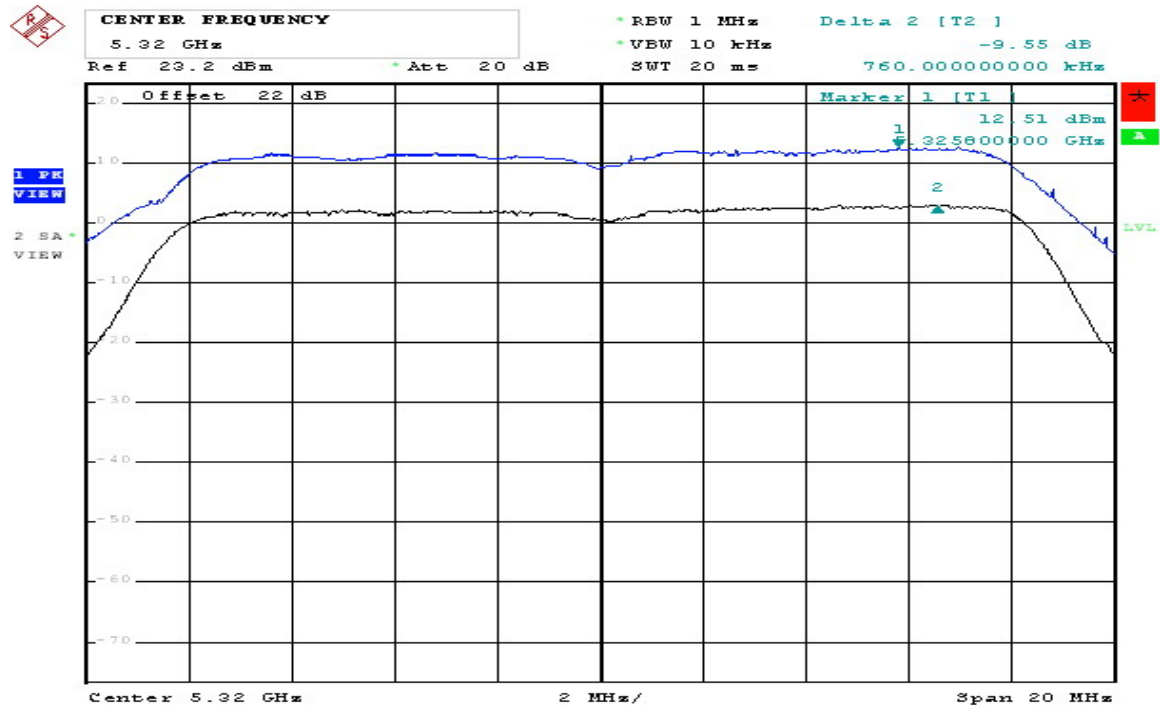
Comment: 802.11a 5260MHz
Date: 7.NOV.2008 14:44:12

802.11 a Chain C CH60 5300MHz PK to AV Ratio



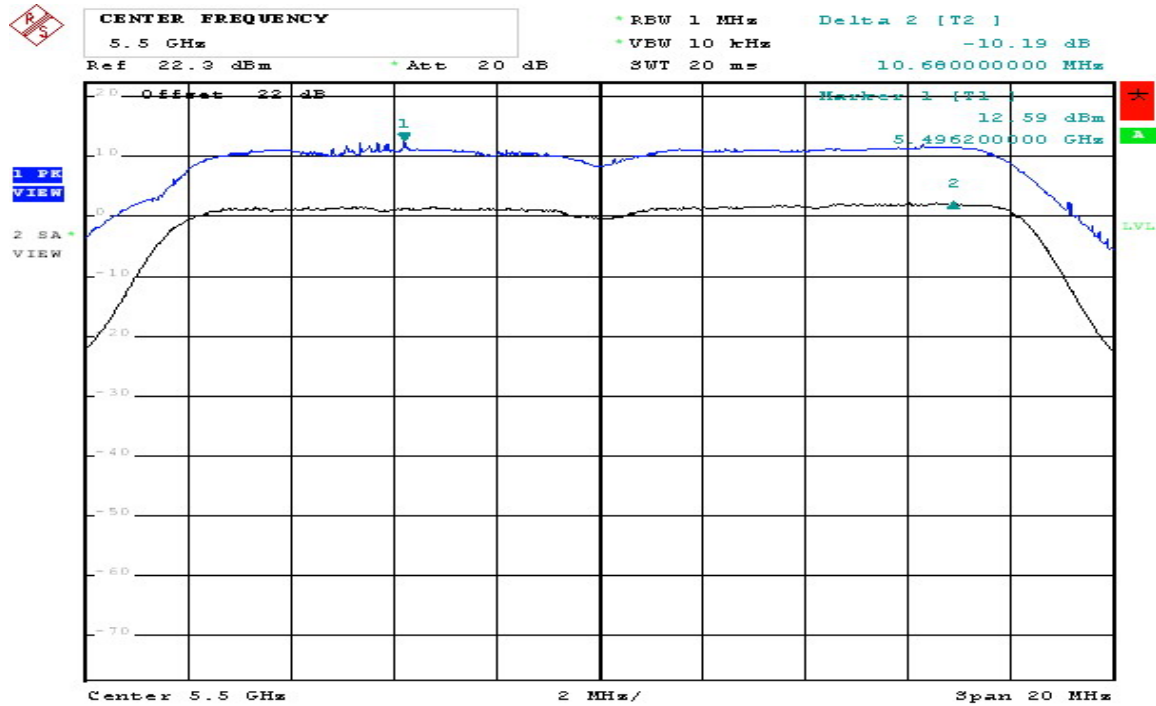
Comment: 802.11a 5300MHz
Date: 7.NOV.2008 14:47:15

802.11 a Chain C CH64 5320MHz PK to AV Ratio



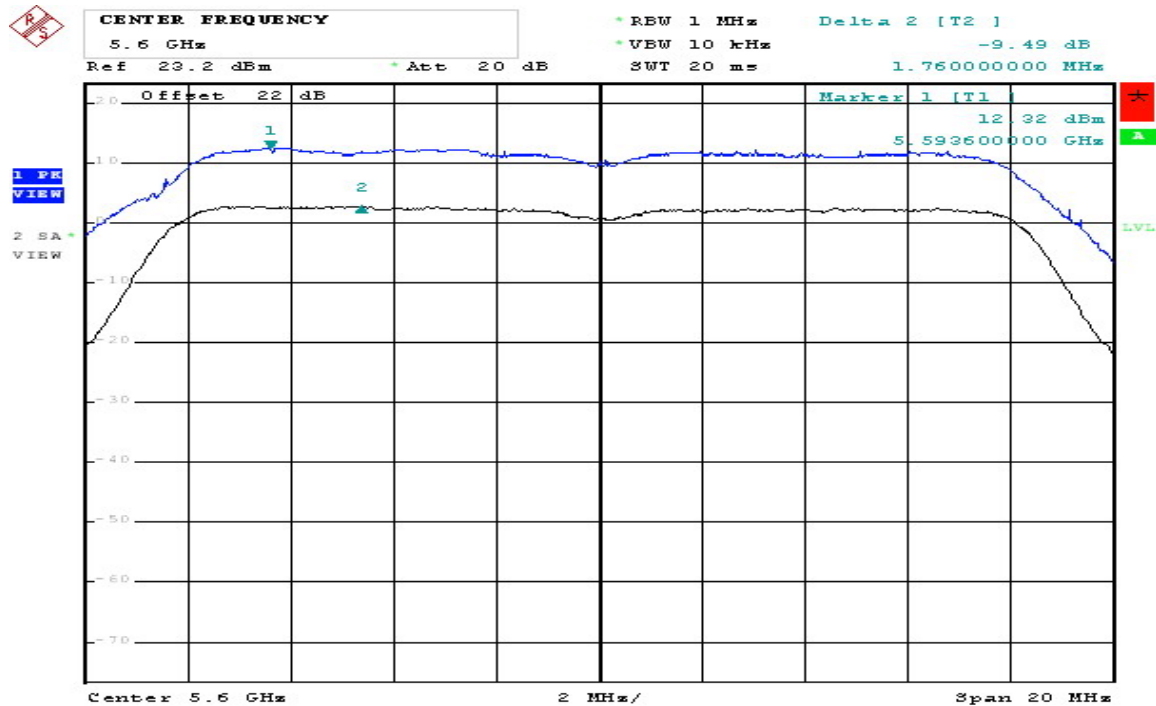
Comment: 802.11a 5320MHz
Date: 7.NOV.2008 14:50:17

802.11 a Chain C CH100 5500MHz PK to AV Ratio



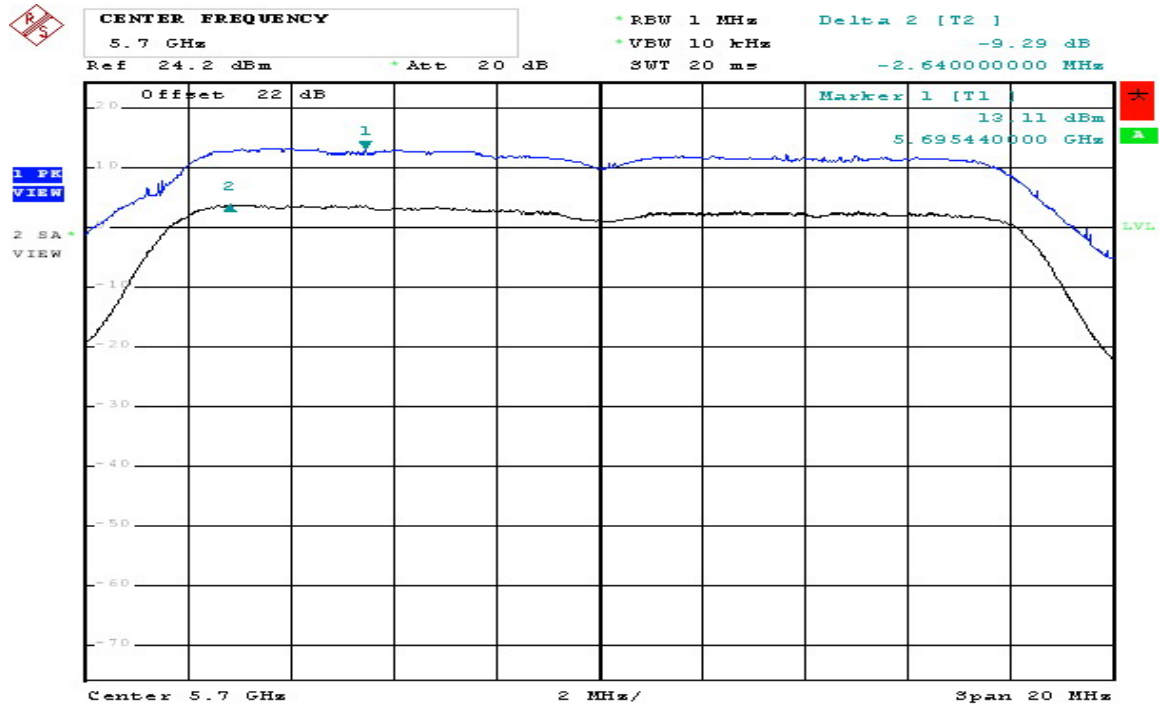
Comment: 802.11a 5500MHz
Date: 7.NOV.2008 14:57:10

802.11 a Chain C CH120 5600MHz PK to AV Ratio



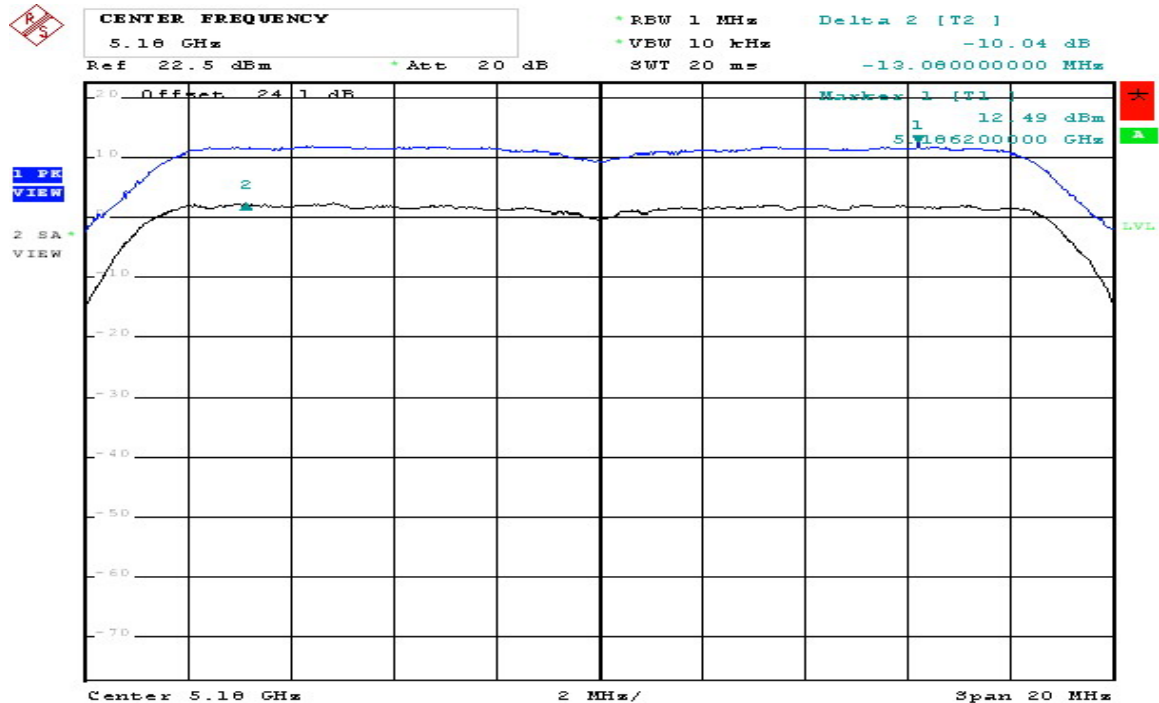
Comment: 802.11a 5600MHz
Date: 7.NOV.2008 15:00:09

802.11 a Chain C CH140 5700MHz PK to AV Ratio



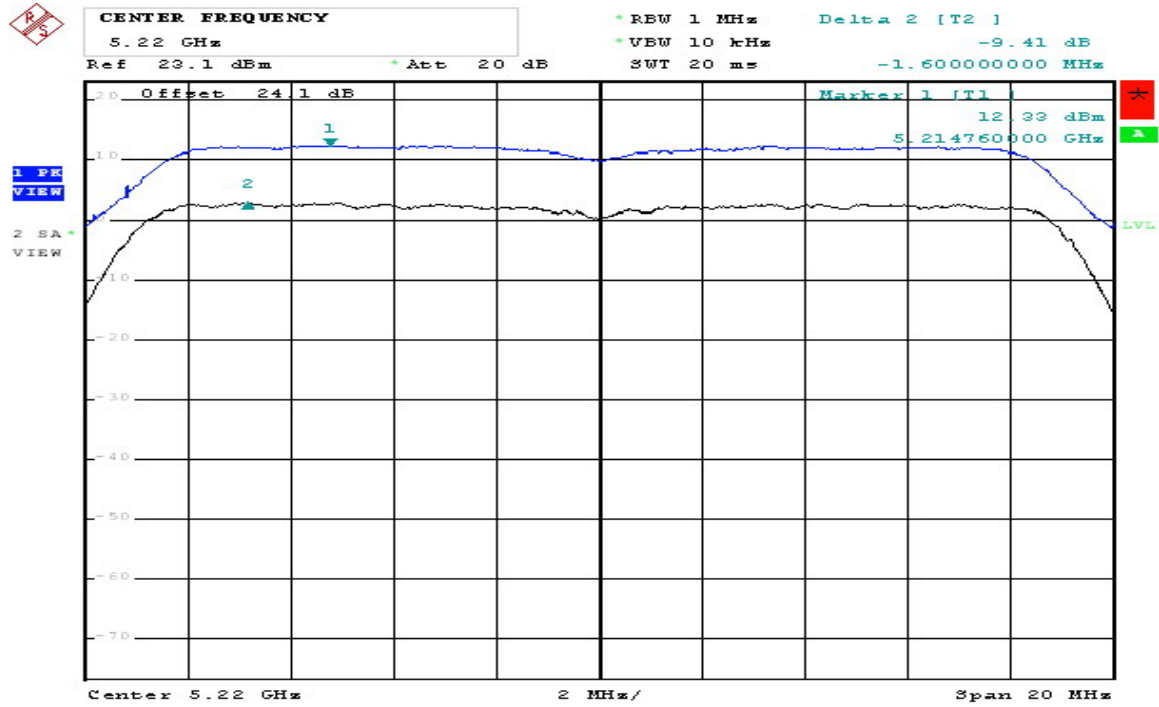
Comment: 802.11a 5700MHz
Date: 7.NOV.2008 15:03:13

802.11 n (HT20) Chain A CH36 5180MHz PK to AV Ratio



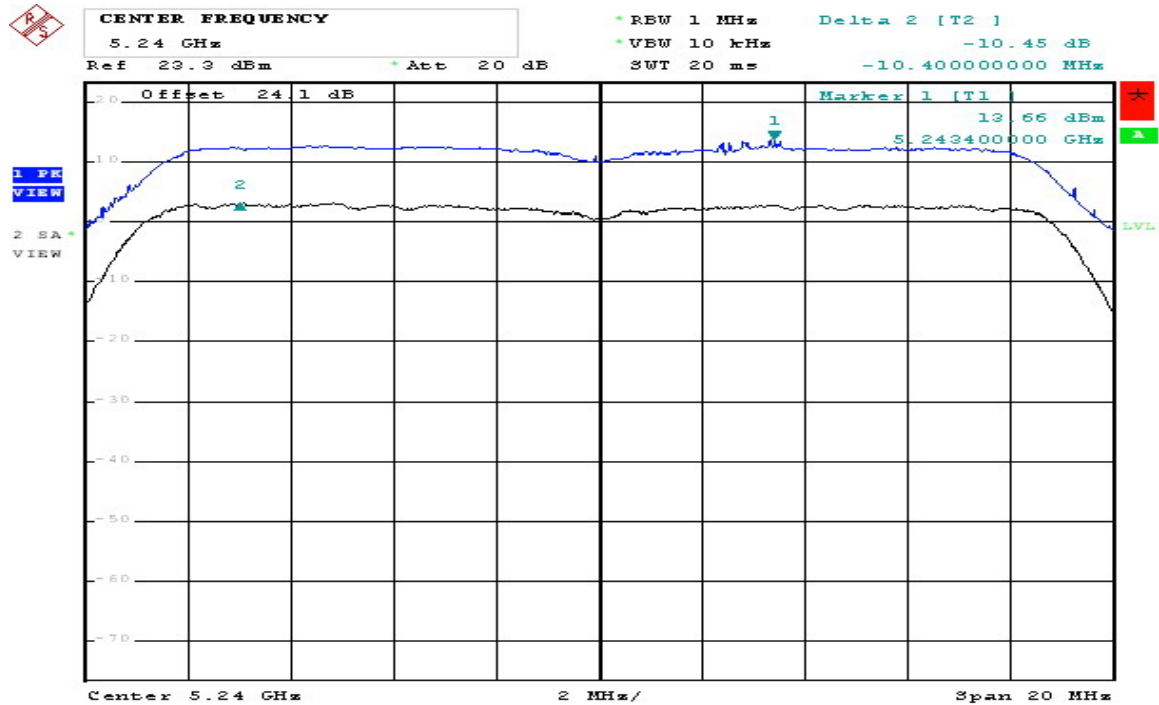
Comment: 802.11n(20) 5180MHz
Date: 7.NOV.2008 15:18:09

802.11 n (HT20) Chain A CH44 5220MHz PK to AV Ratio



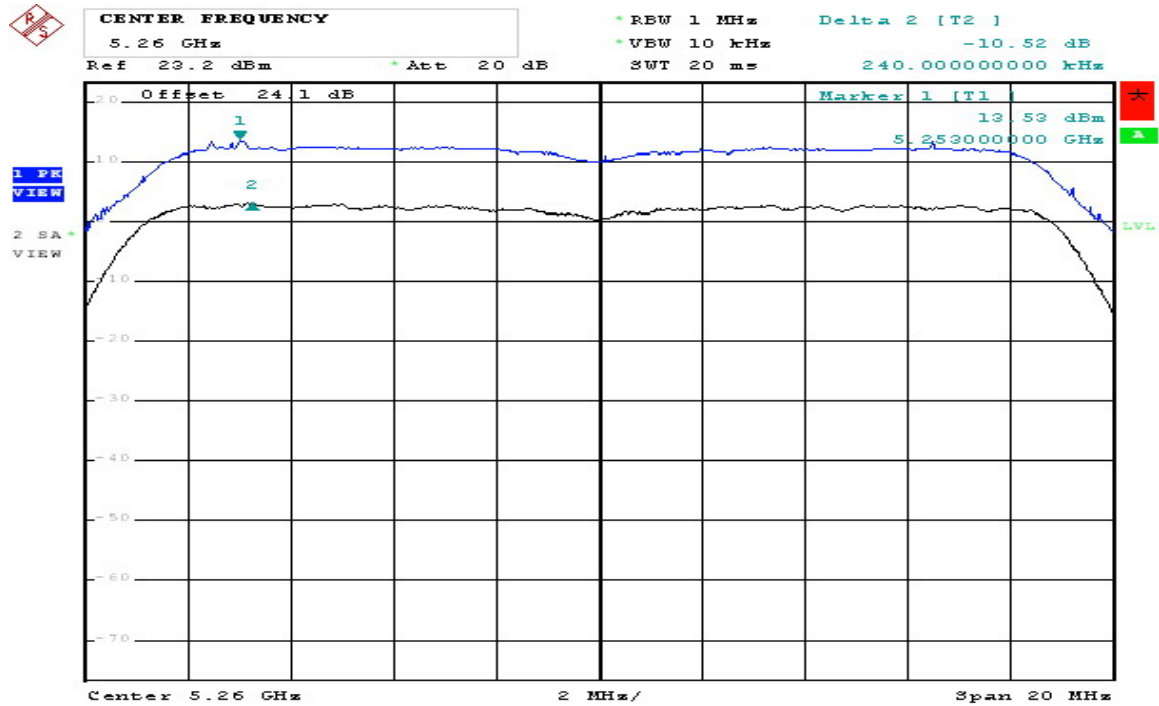
Comment: 802.11n(20) 5220MHz
Date: 7.NOV.2008 15:23:01

802.11 n (HT20) Chain A CH48 5240MHz PK to AV Ratio



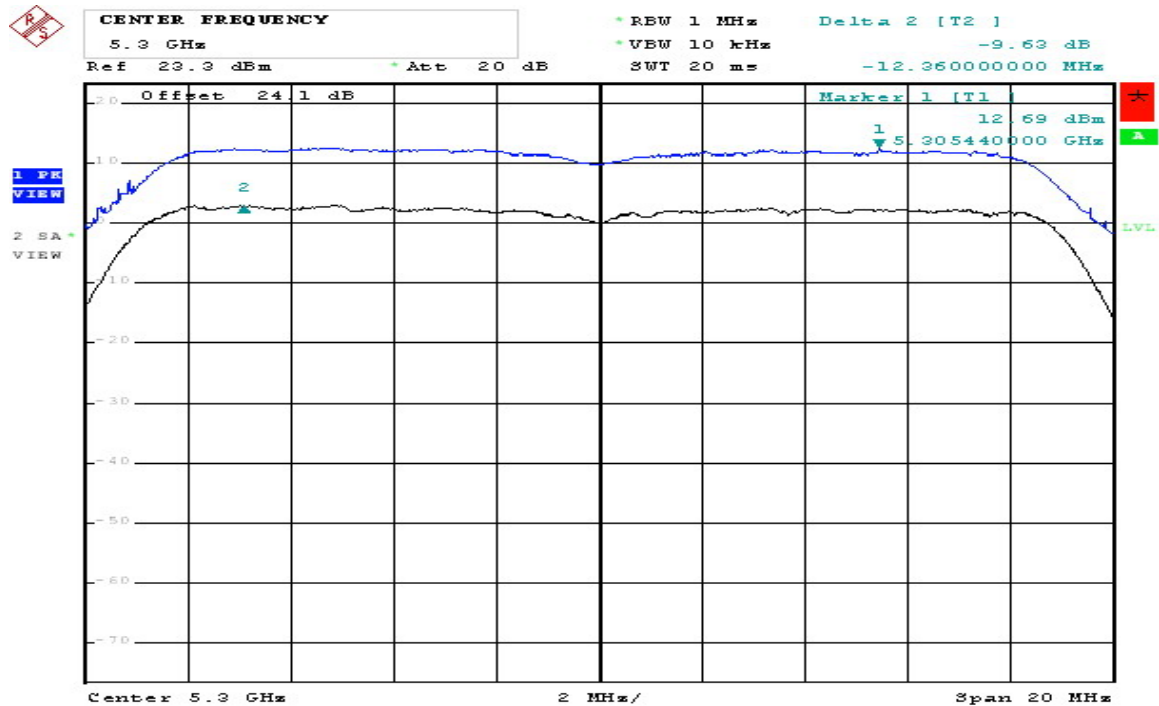
Comment: 802.11n(20) 5240MHz
Date: 7.NOV.2008 15:30:37

802.11 n (HT20) Chain A CH52 5260MHz PK to AV Ratio



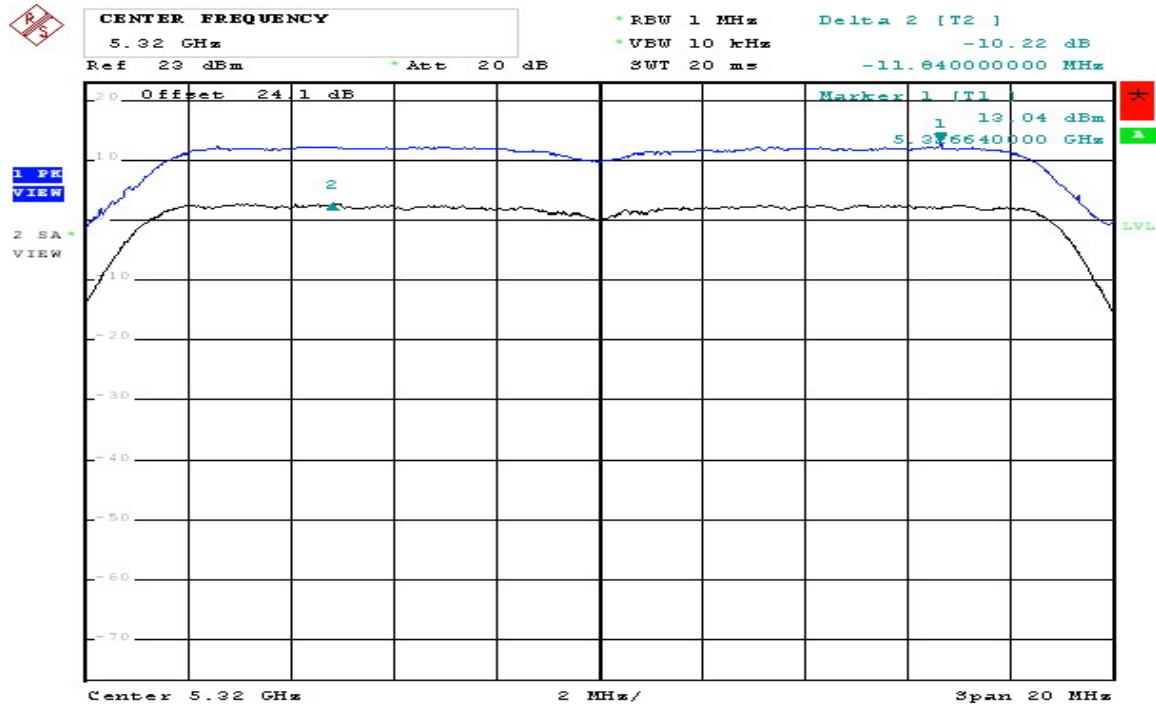
Comment: 802.11n(20) 5260MHz
Date: 7.NOV.2008 15:35:08

802.11 n (HT20) Chain A CH60 5300MHz PK to AV Ratio



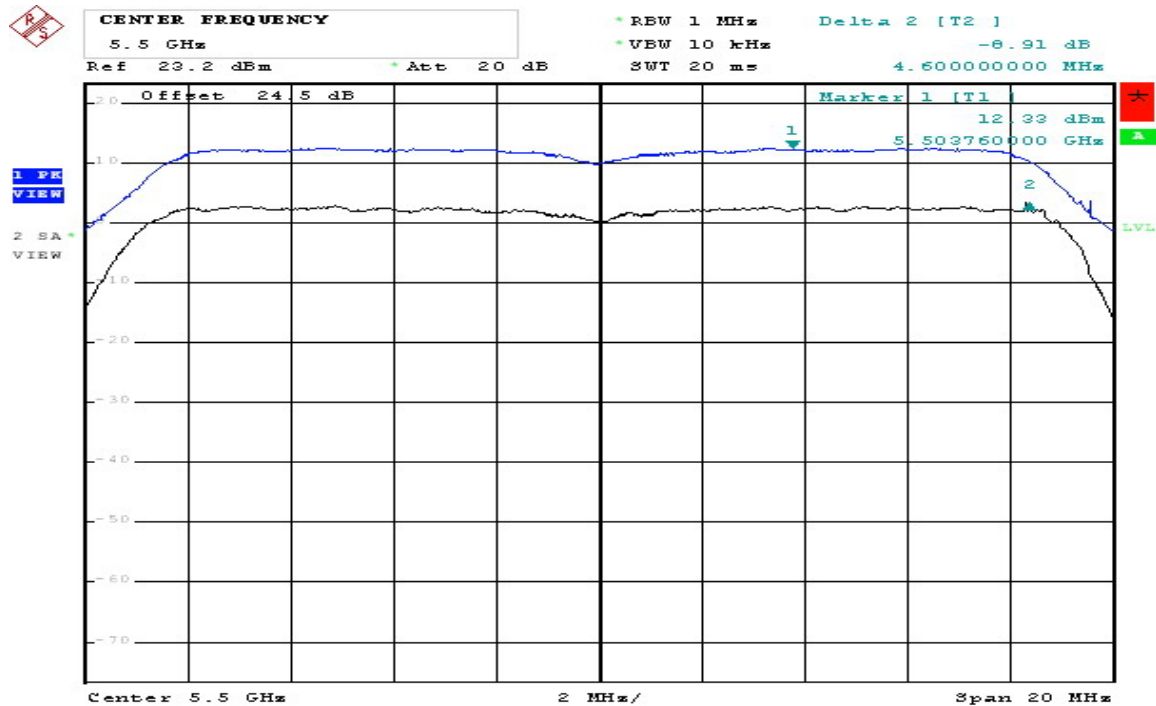
Comment: 802.11n(20) 5300MHz
Date: 7.NOV.2008 15:38:27

802.11 n (HT20) Chain A CH64 5320MHz PK to AV Ratio



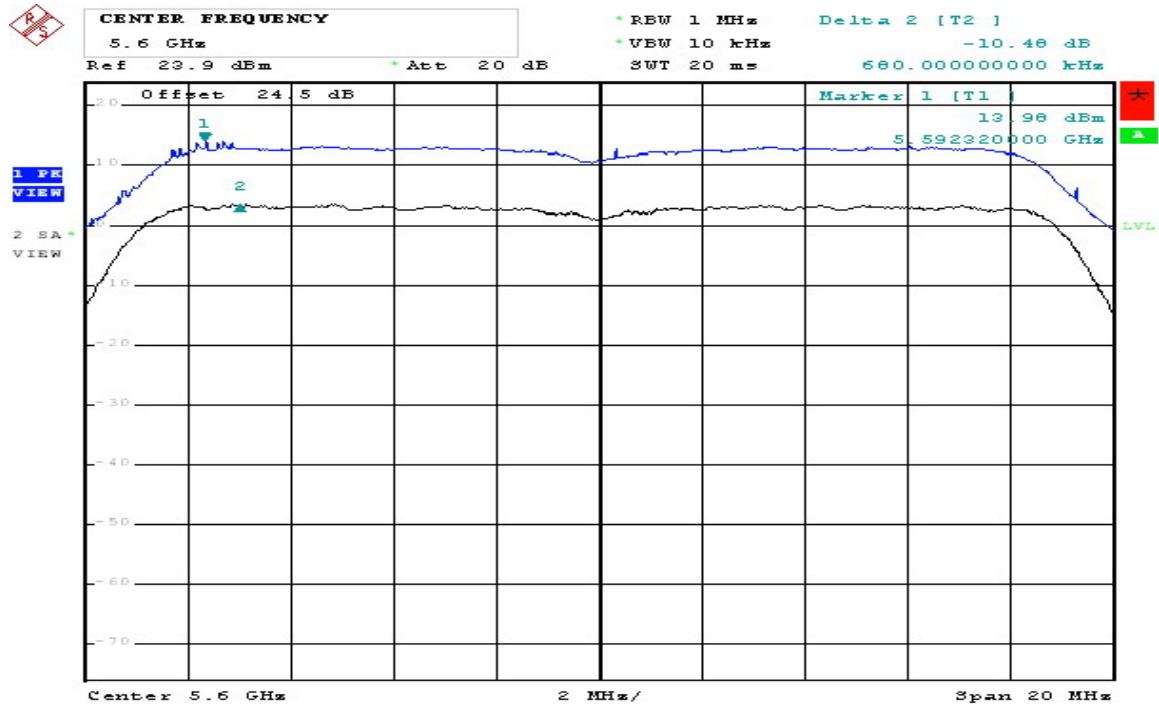
Comment: 802.11n(20) 5320MHz
Date: 7.NOV.2008 15:43:38

802.11 n (HT20) Chain A CH100 5500MHz PK to AV Ratio



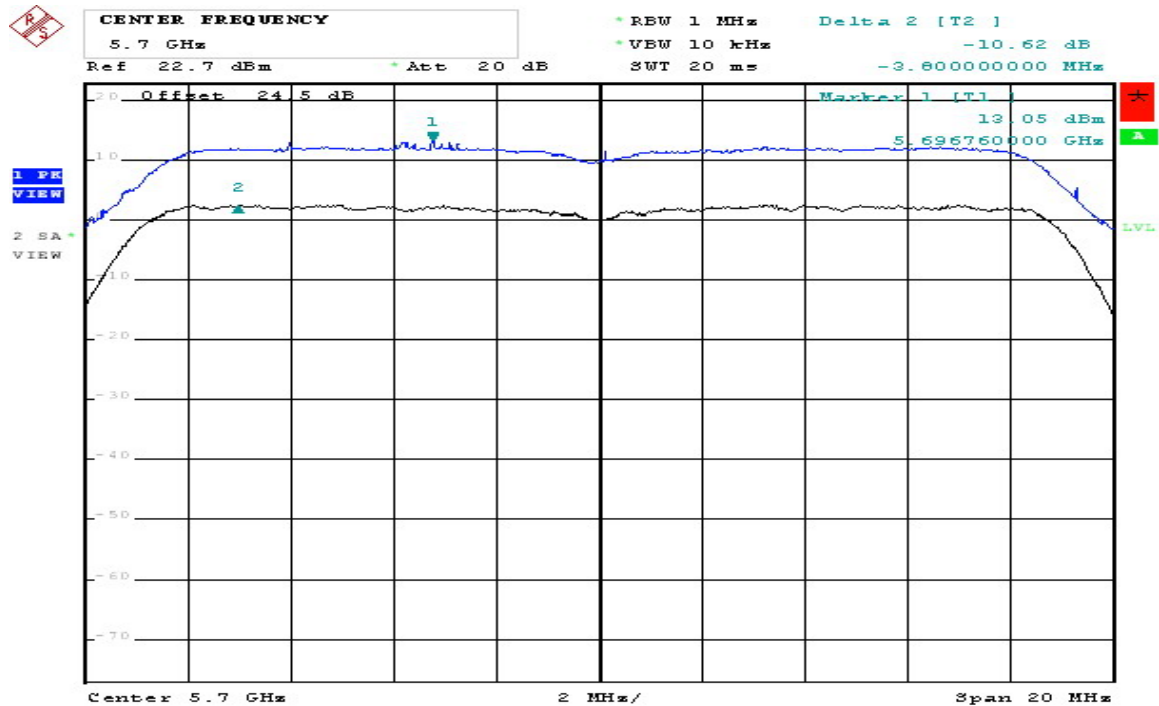
Comment: 802.11n(20) 5500MHz
Date: 7.NOV.2008 15:46:45

802.11 n (HT20) Chain A CH120 5600MHz PK to AV Ratio



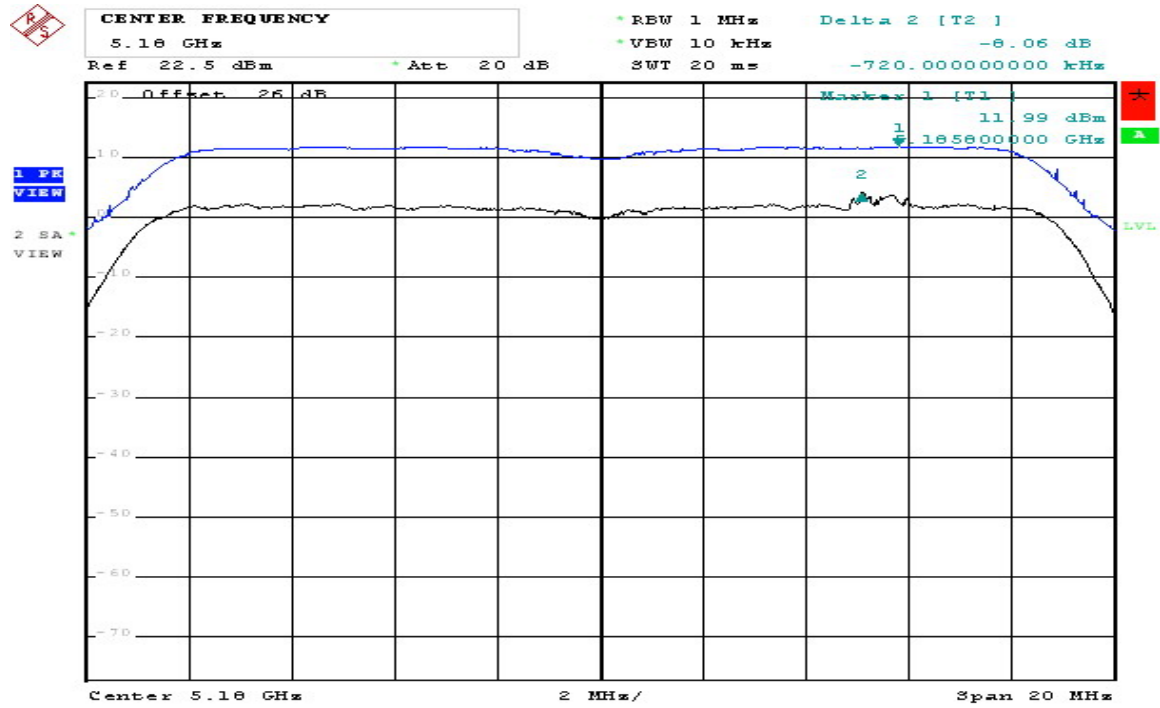
Comment: 802.11n(20) 5600MHz
Date: 7.NOV.2008 15:50:29

802.11 n (HT20) Chain A CH140 5700MHz PK to AV Ratio



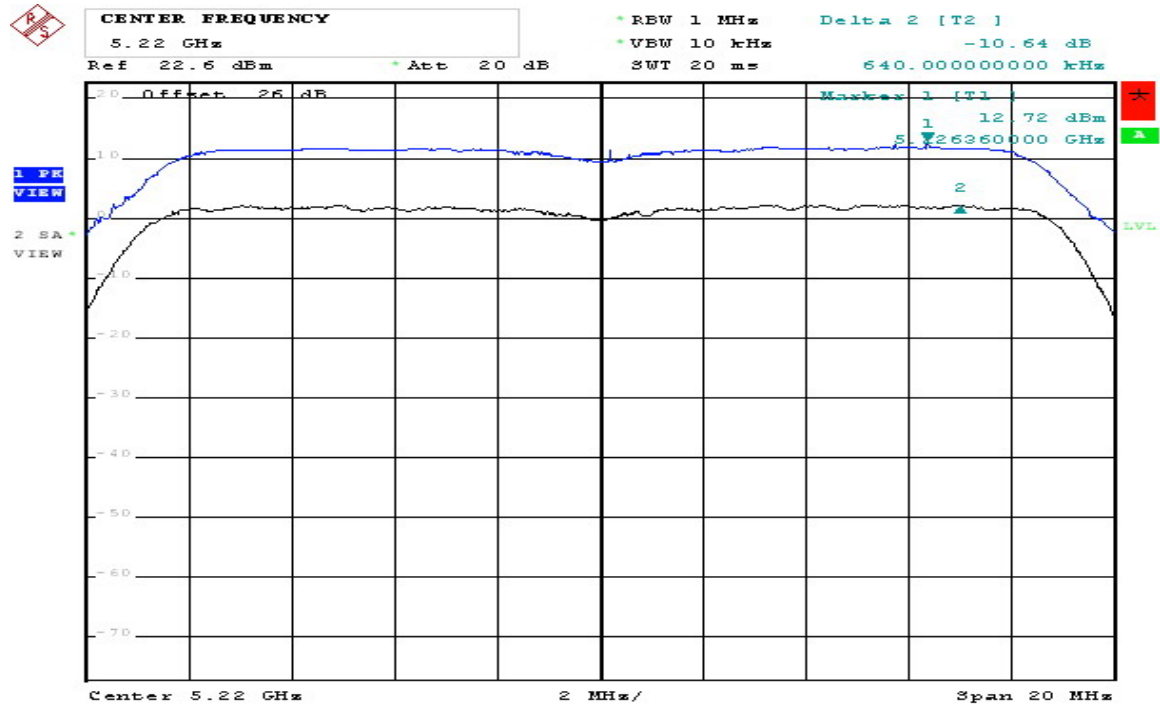
Comment: 802.11n(20) 5700MHz
Date: 7.NOV.2008 15:54:12

802.11 n (HT20) Chain B CH36 5180MHz PK to AV Ratio



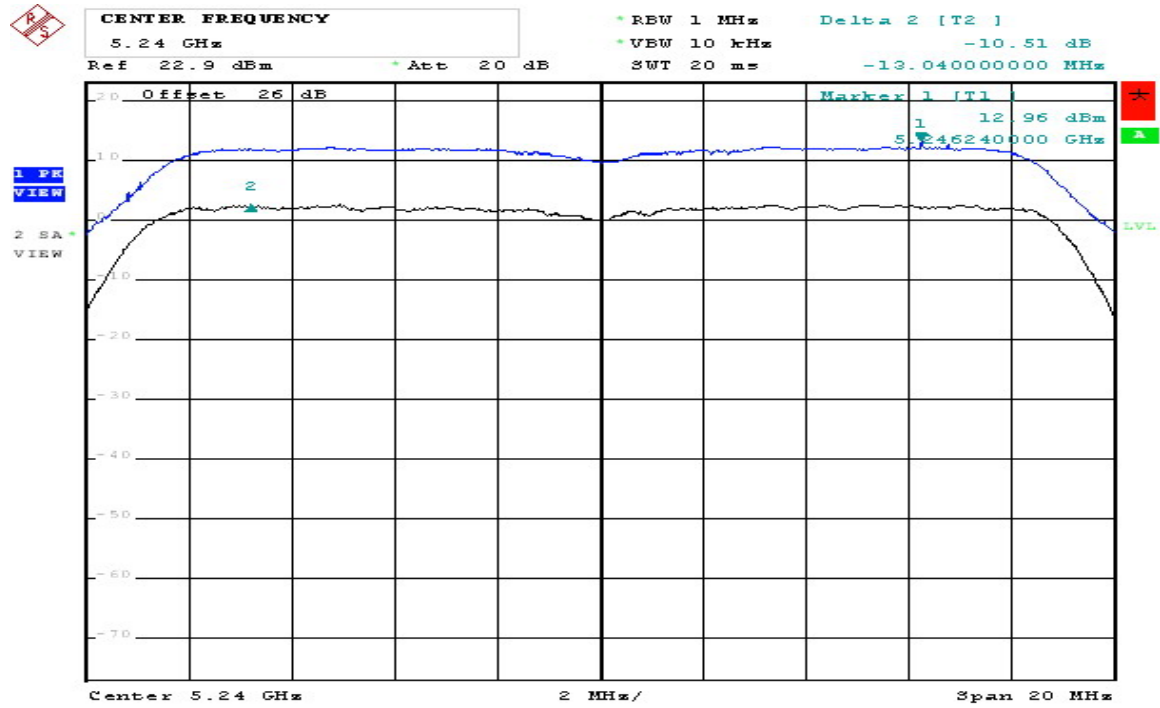
Comment: 802.11n(20) 5180MHz
Date: 7.NOV.2008 16:08:00

802.11 n (HT20) Chain B CH44 5220MHz PK to AV Ratio



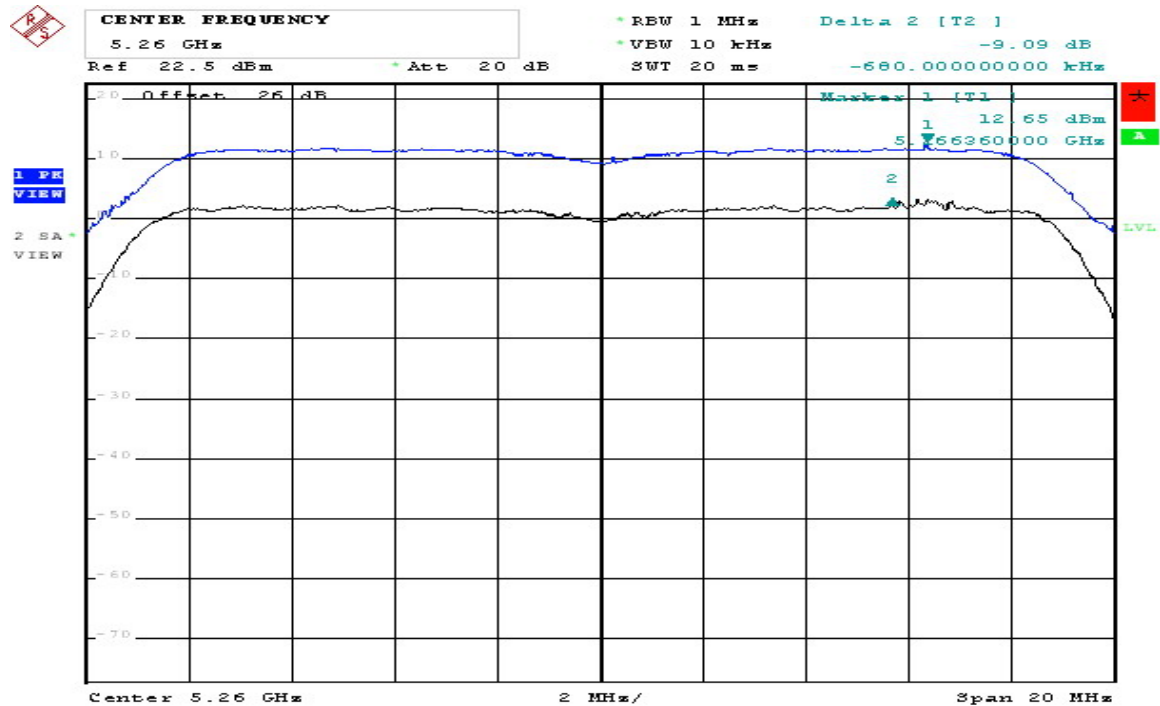
Comment: 802.11n(20) 5220MHz
Date: 7.NOV.2008 16:11:14

802.11 n (HT20) Chain B CH48 5240MHz PK to AV Ratio



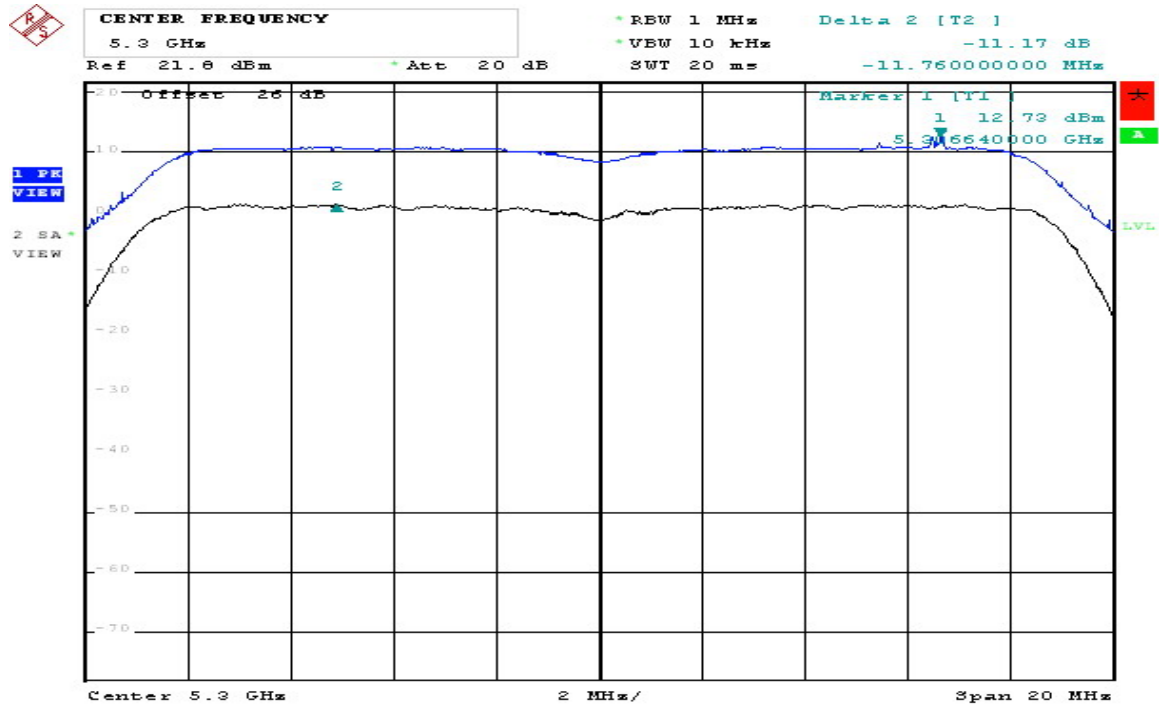
Comment: 802.11n(20) 5240MHz
Date: 7.NOV.2008 16:14:38

802.11 n (HT20) Chain B CH52 5260MHz PK to AV Ratio



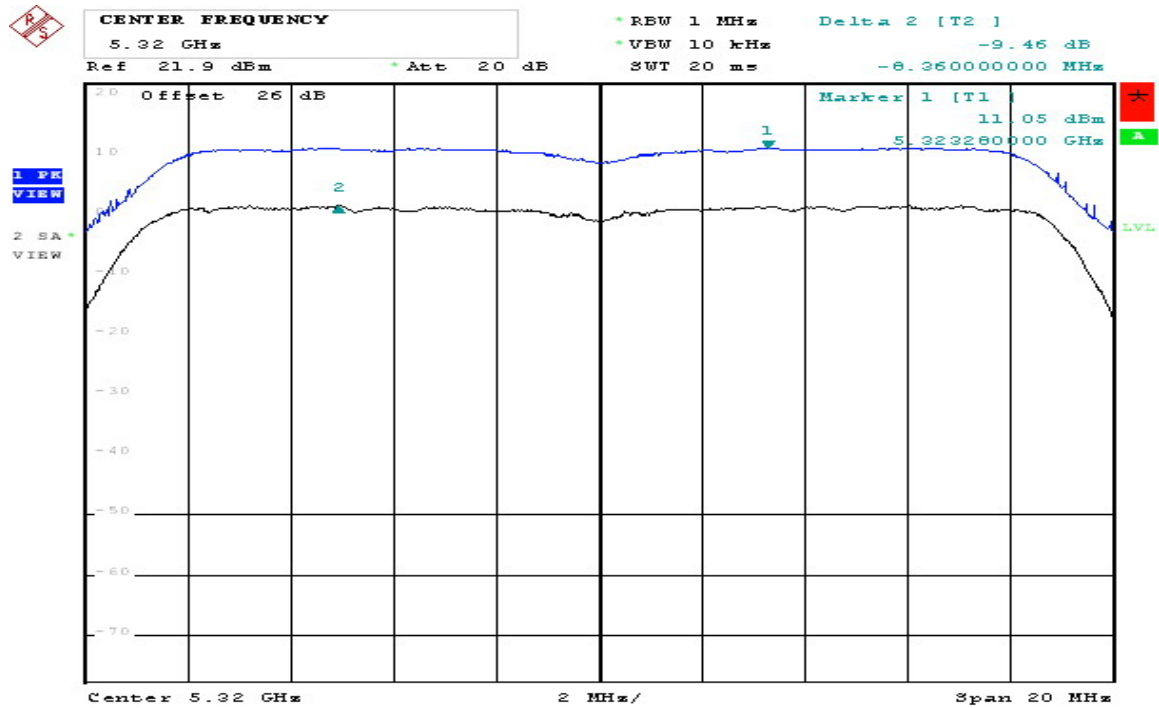
Comment: 802.11n(20) 5260MHz
Date: 7.NOV.2008 16:21:54

802.11 n (HT20) Chain B CH60 5300MHz PK to AV Ratio



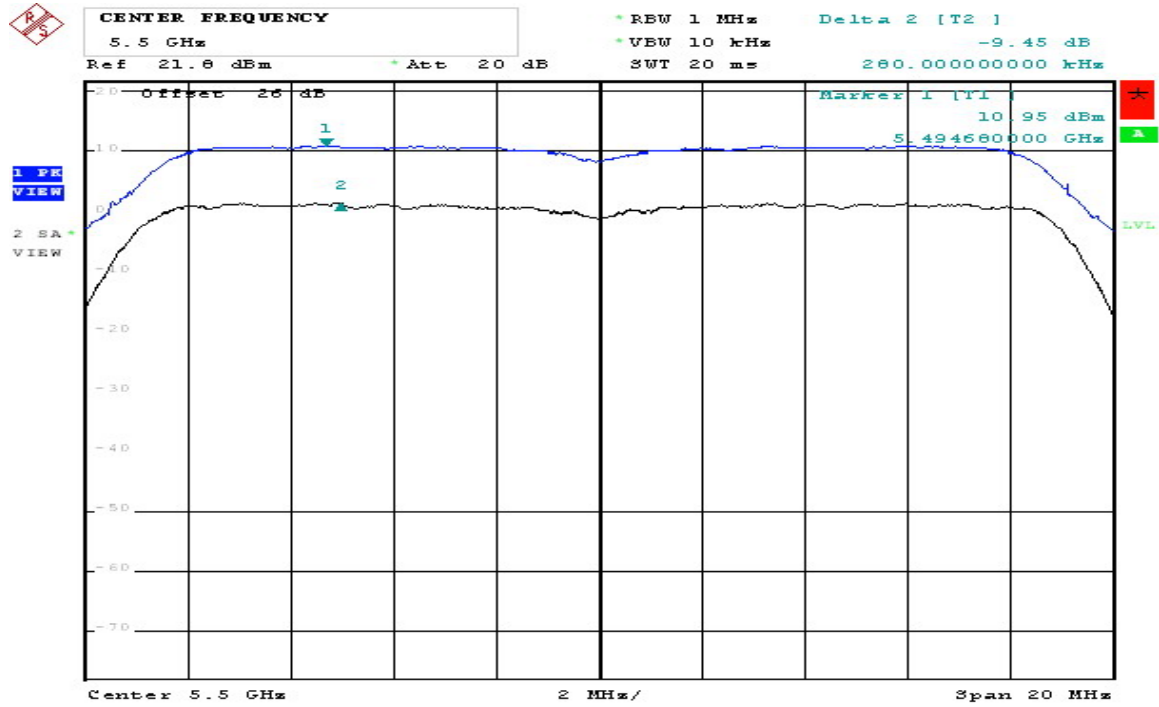
Comment: 802.11n(20) 5300MHz
Date: 7.NOV.2008 16:25:15

802.11 n (HT20) Chain B CH64 5320MHz PK to AV Ratio



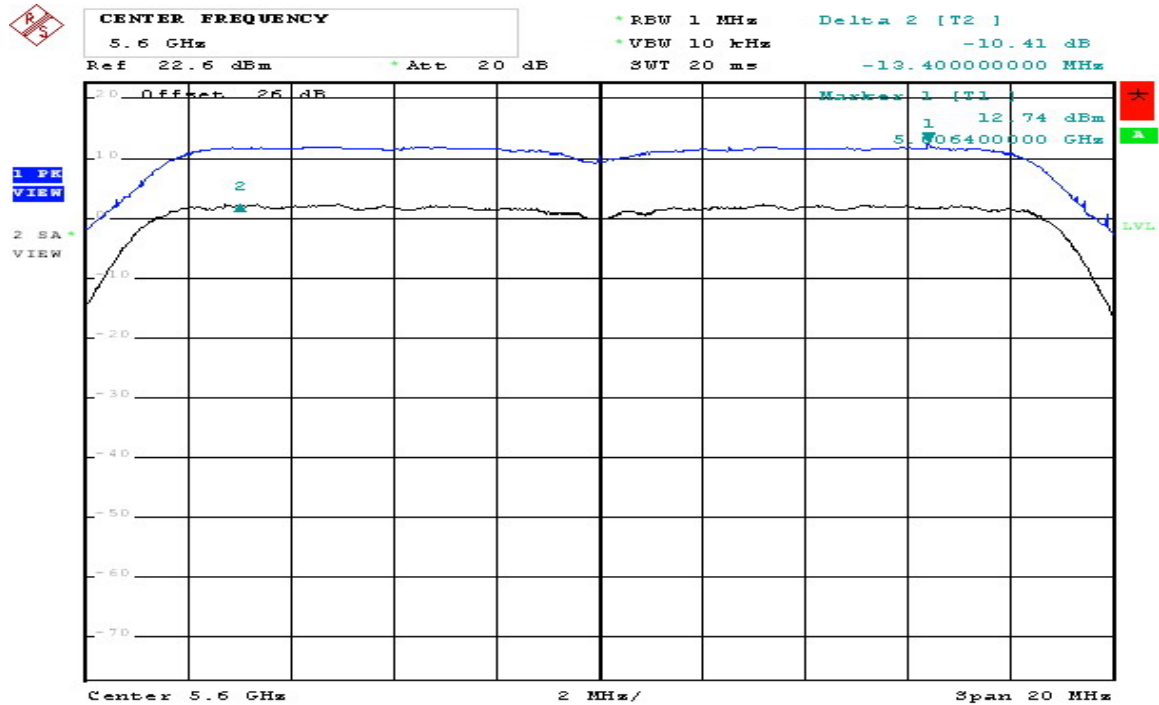
Comment: 802.11n(20) 5320MHz
Date: 7.NOV.2008 16:28:33

802.11 n (HT20) Chain B CH100 5500MHz PK to AV Ratio



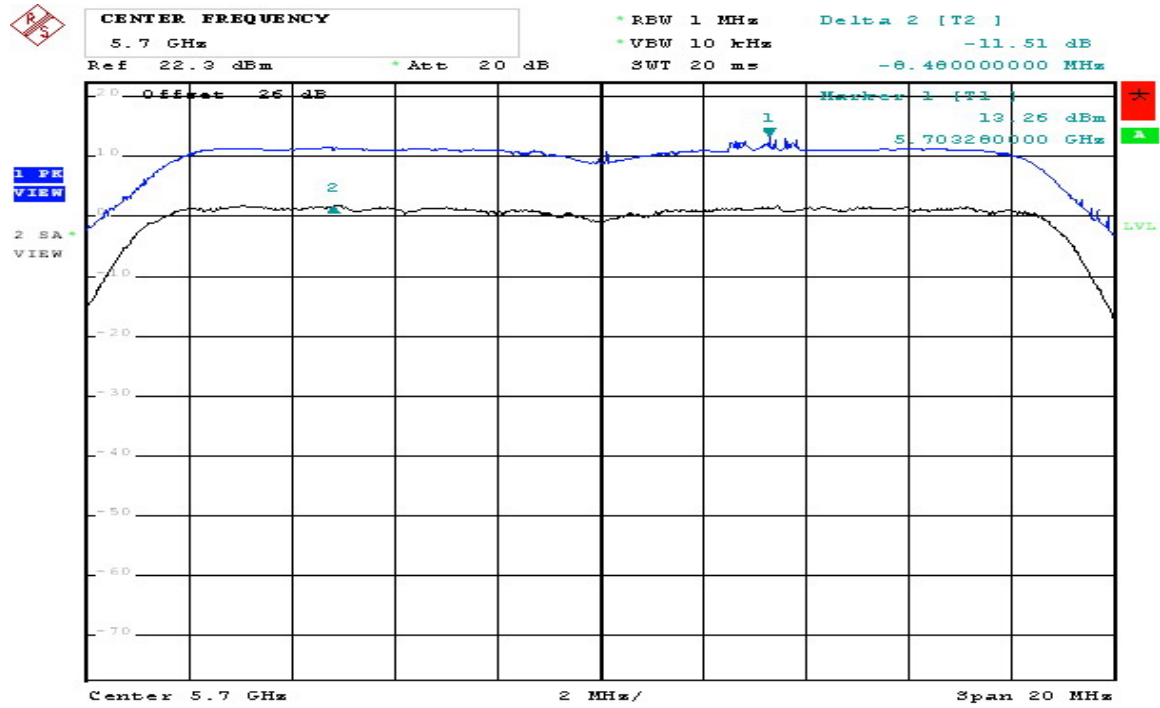
Comment: 802.11n(20) 5500MHz
Date: 7.NOV.2008 16:33:25

802.11 n (HT20) Chain B CH120 5600MHz PK to AV Ratio



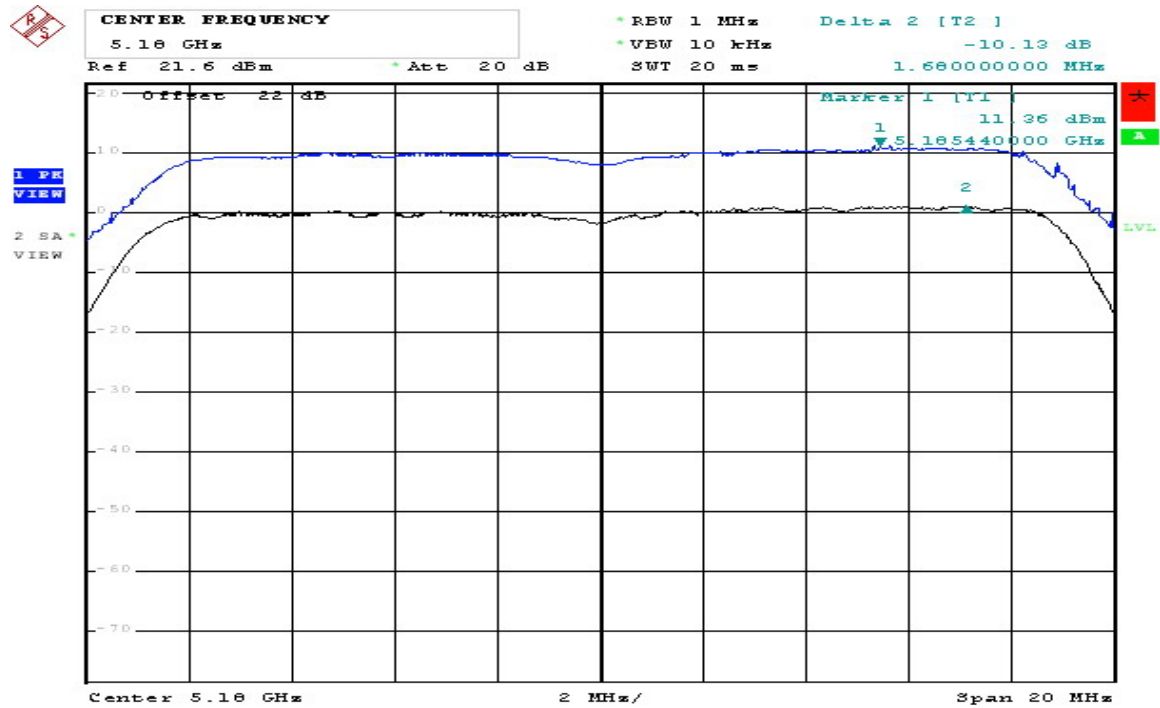
Comment: 802.11n(20) 5600MHz
Date: 7.NOV.2008 16:36:29

802.11 n (HT20) Chain B CH140 5700MHz PK to AV Ratio



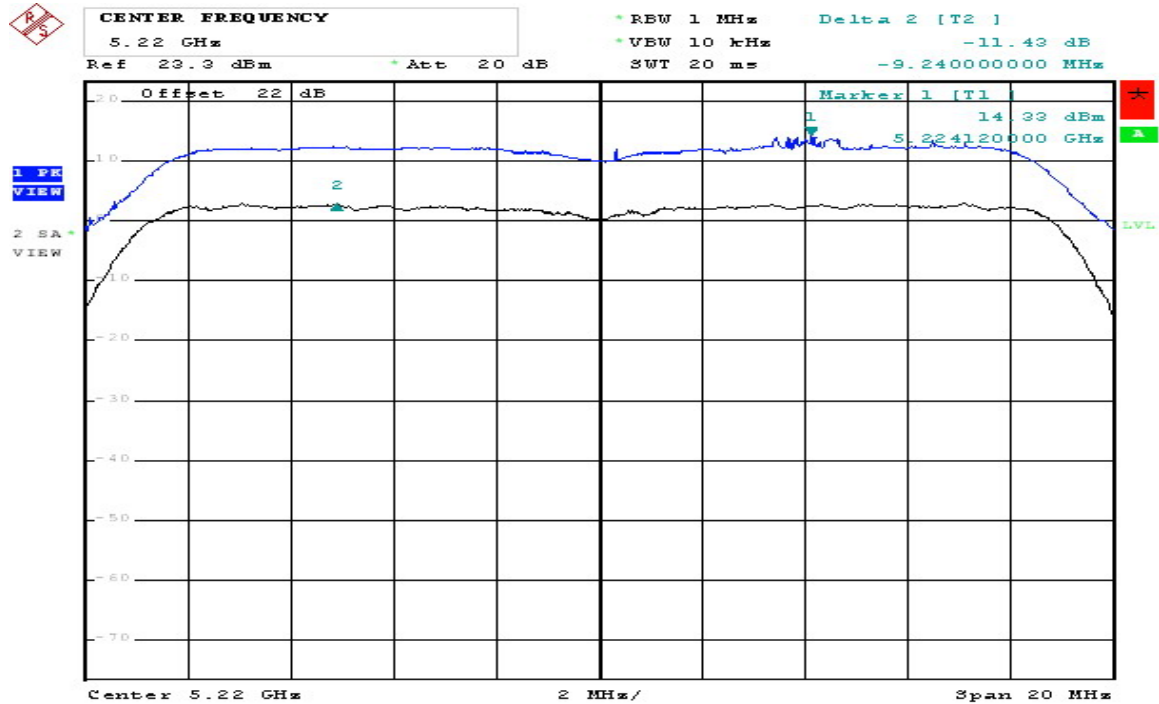
Comment: 802.11n(20) 5700MHz
Date: 7.NOV.2008 16:39:34

802.11 n (HT20) Chain C CH36 5180MHz PK to AV Ratio



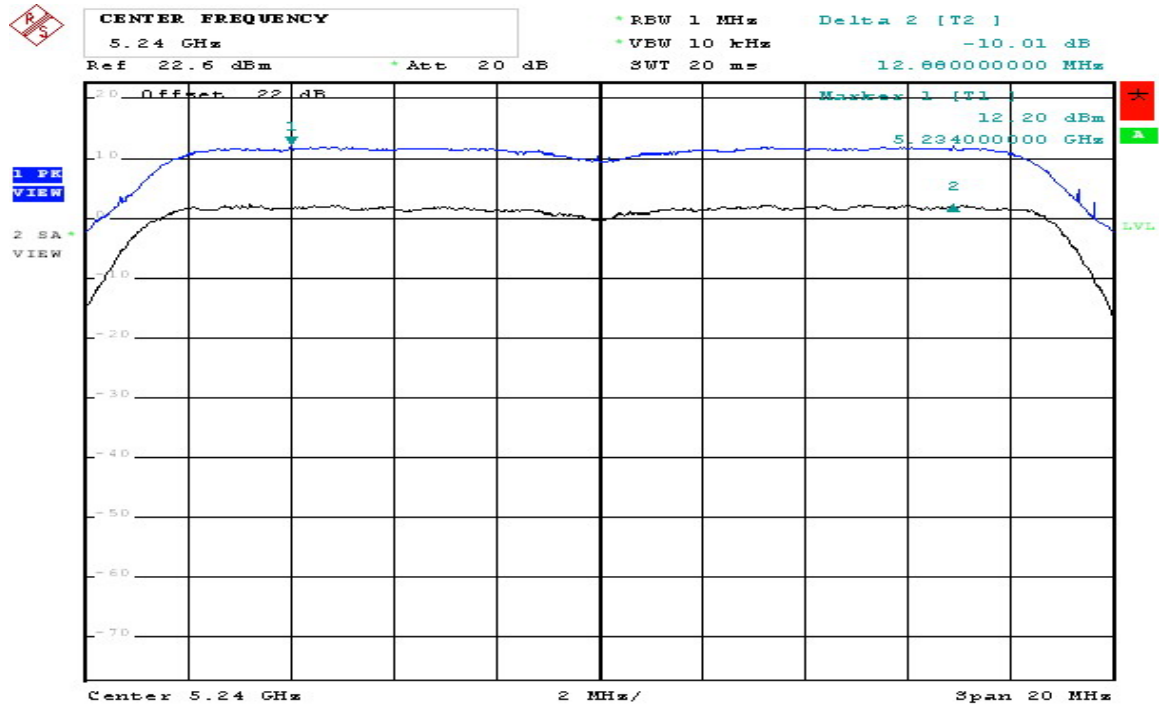
Comment: 802.11n(20) 5180MHz
Date: 10.NOV.2008 08:28:48

802.11 n (HT20) Chain C CH44 5220MHz PK to AV Ratio



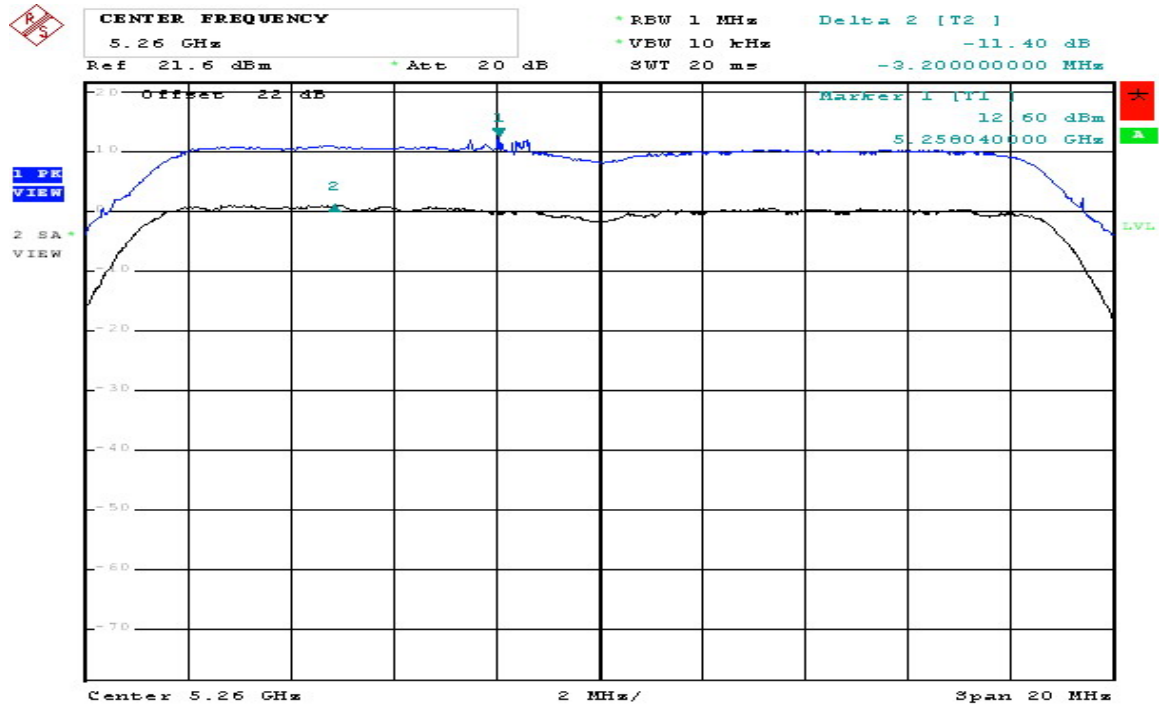
Comment: 802.11n(20) 5220MHz
Date: 10.NOV.2008 08:36:15

802.11 n (HT20) Chain C CH48 5240MHz PK to AV Ratio



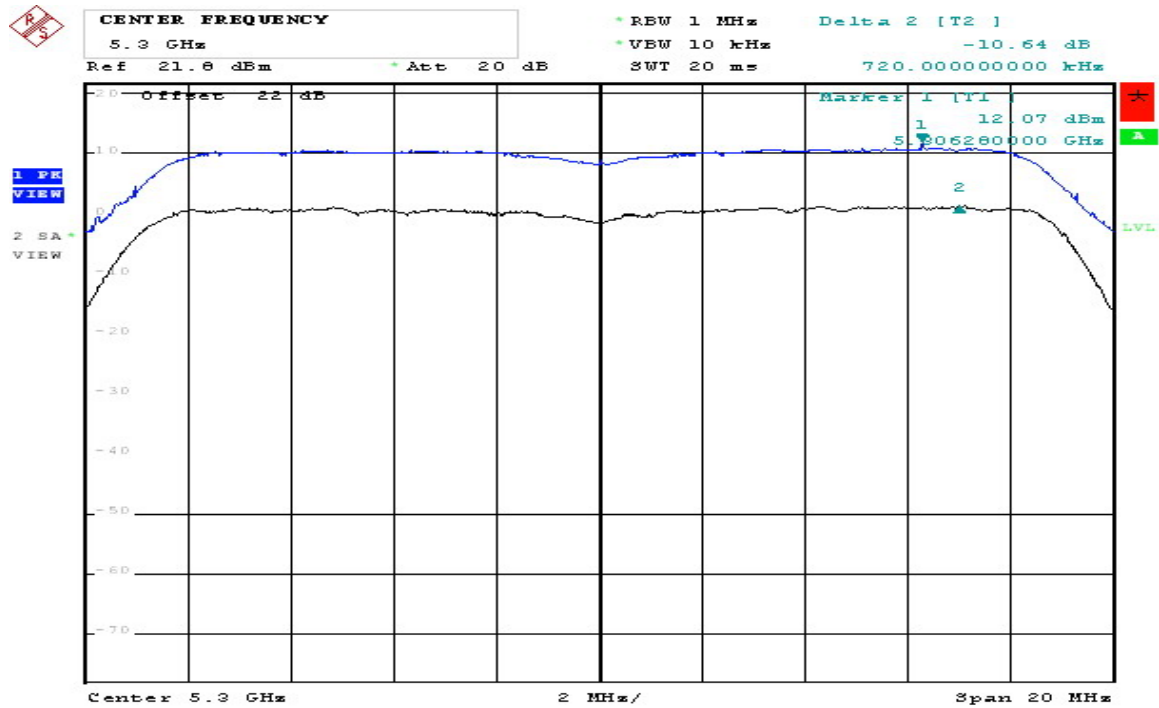
Comment: 802.11n(20) 5240MHz
Date: 10.NOV.2008 08:39:35

802.11 n (HT20) Chain C CH52 5260MHz PK to AV Ratio



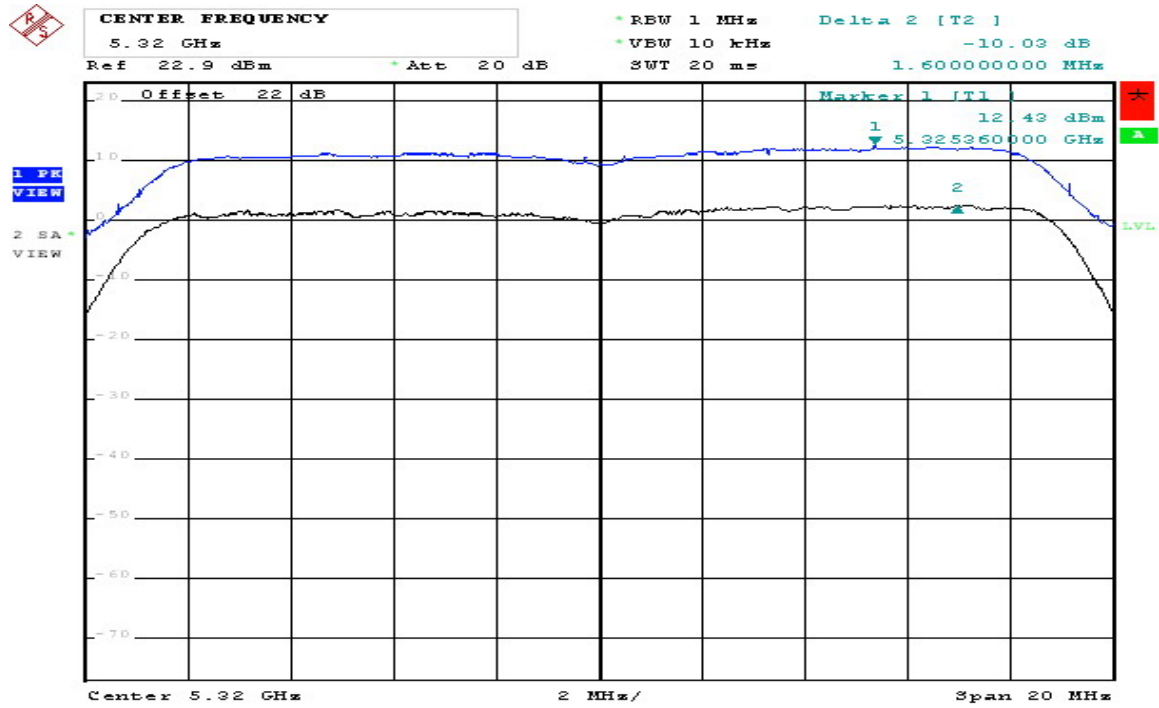
Comment: 802.11n(20) 5260MHz
Date: 10.NOV.2008 08:42:40

802.11 n (HT20) Chain C CH60 5300MHz PK to AV Ratio



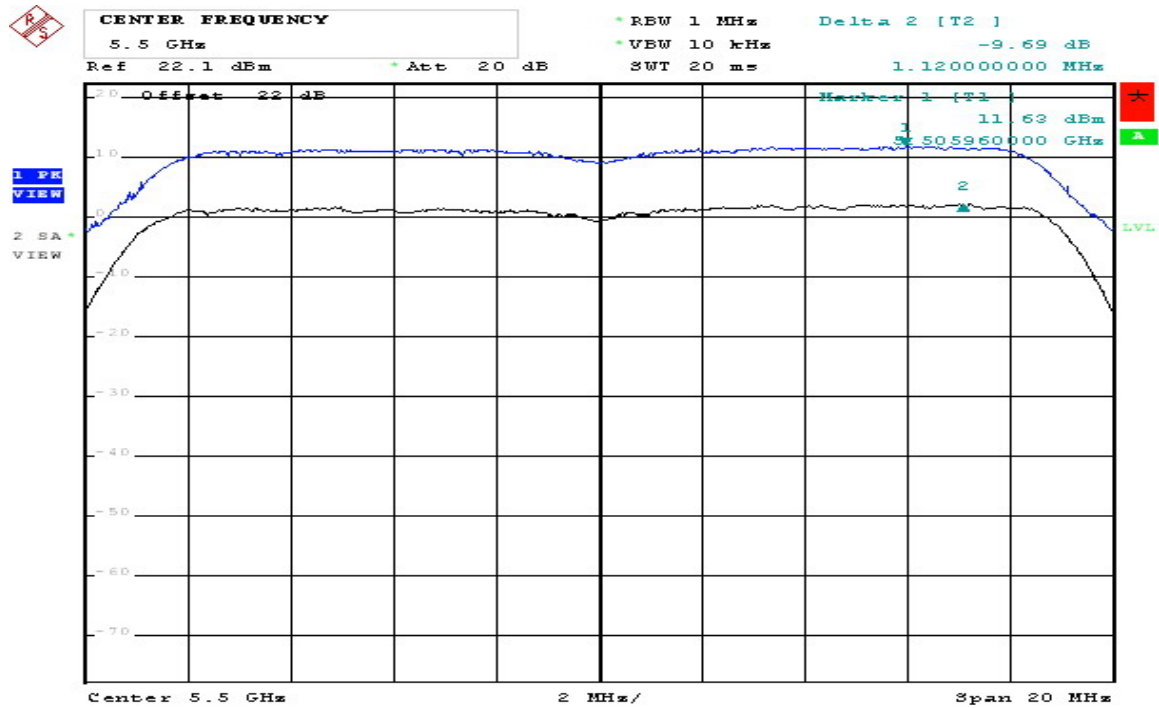
Comment: 802.11n(20) 5300MHz
Date: 10.NOV.2008 08:46:36

802.11 n (HT20) Chain C CH64 5320MHz PK to AV Ratio



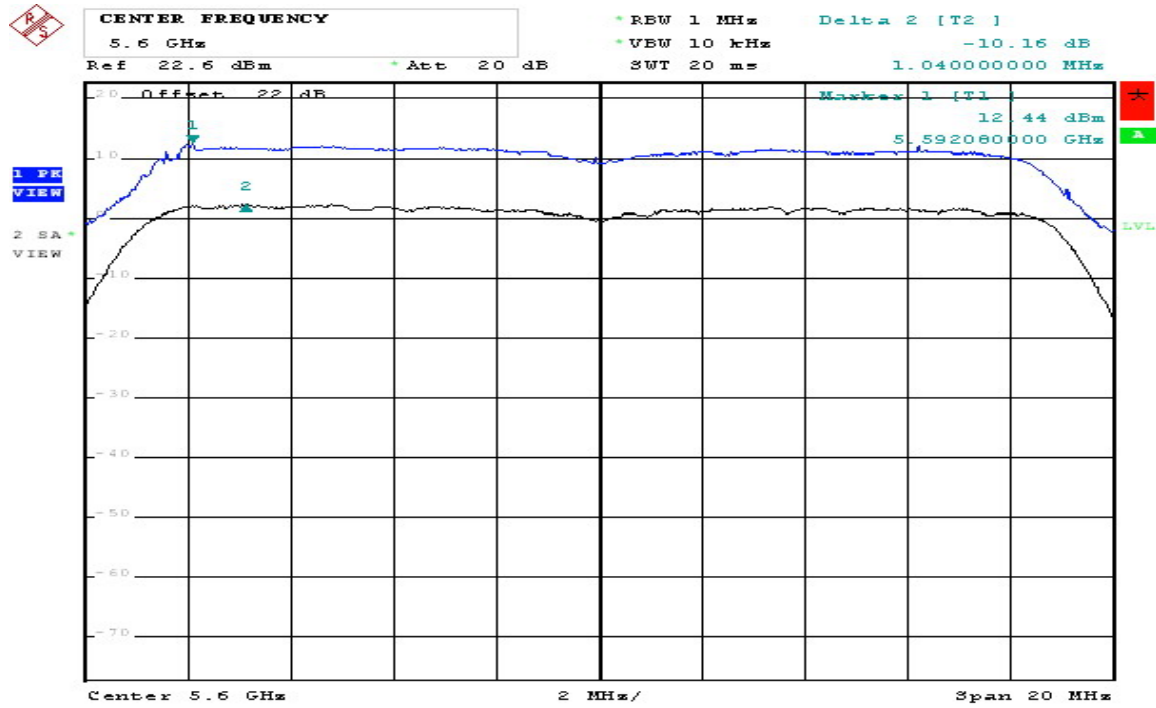
Comment: 802.11n(20) 5320MHz
Date: 10.NOV.2008 08:50:01

802.11 n (HT20) Chain C CH100 5500MHz PK to AV Ratio



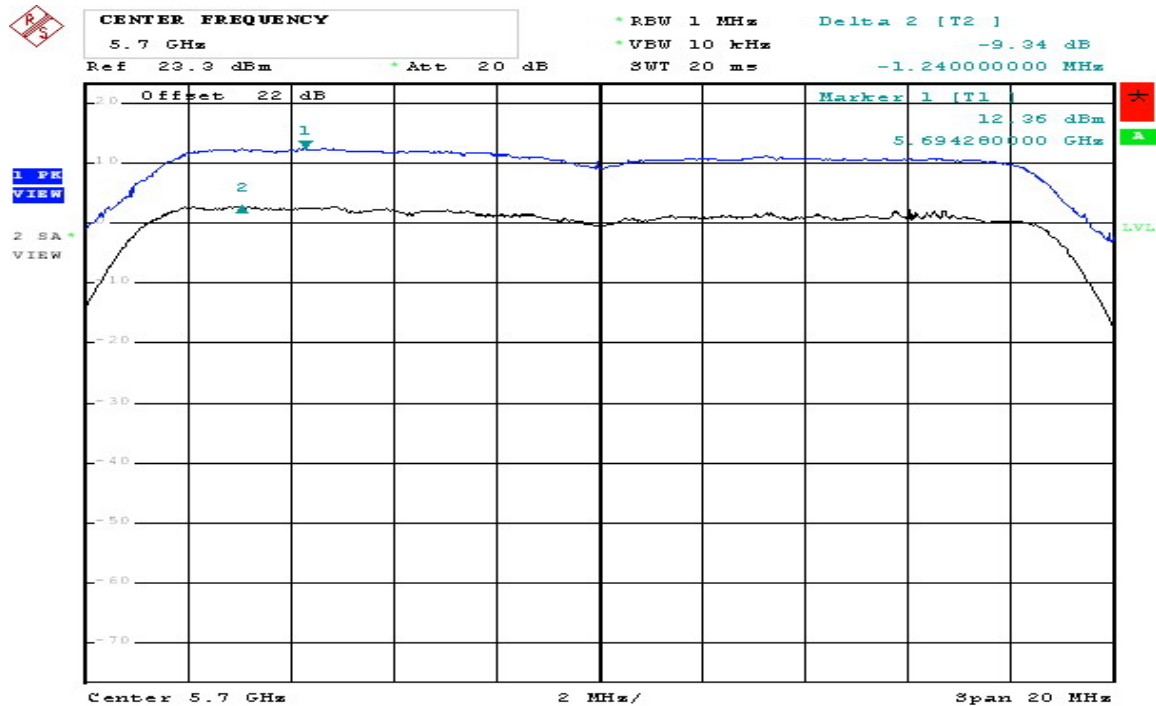
Comment: 802.11n(20) 5500MHz
Date: 10.NOV.2008 08:53:28

802.11 n (HT20) Chain C CH120 5600MHz PK to AV Ratio



Comment: 802.11n(20) 5600MHz
Date: 10.NOV.2008 08:56:35

802.11 n (HT20) Chain C CH140 5700MHz PK to AV Ratio



Comment: 802.11n(20) 5700MHz
Date: 10.NOV.2008 08:59:42