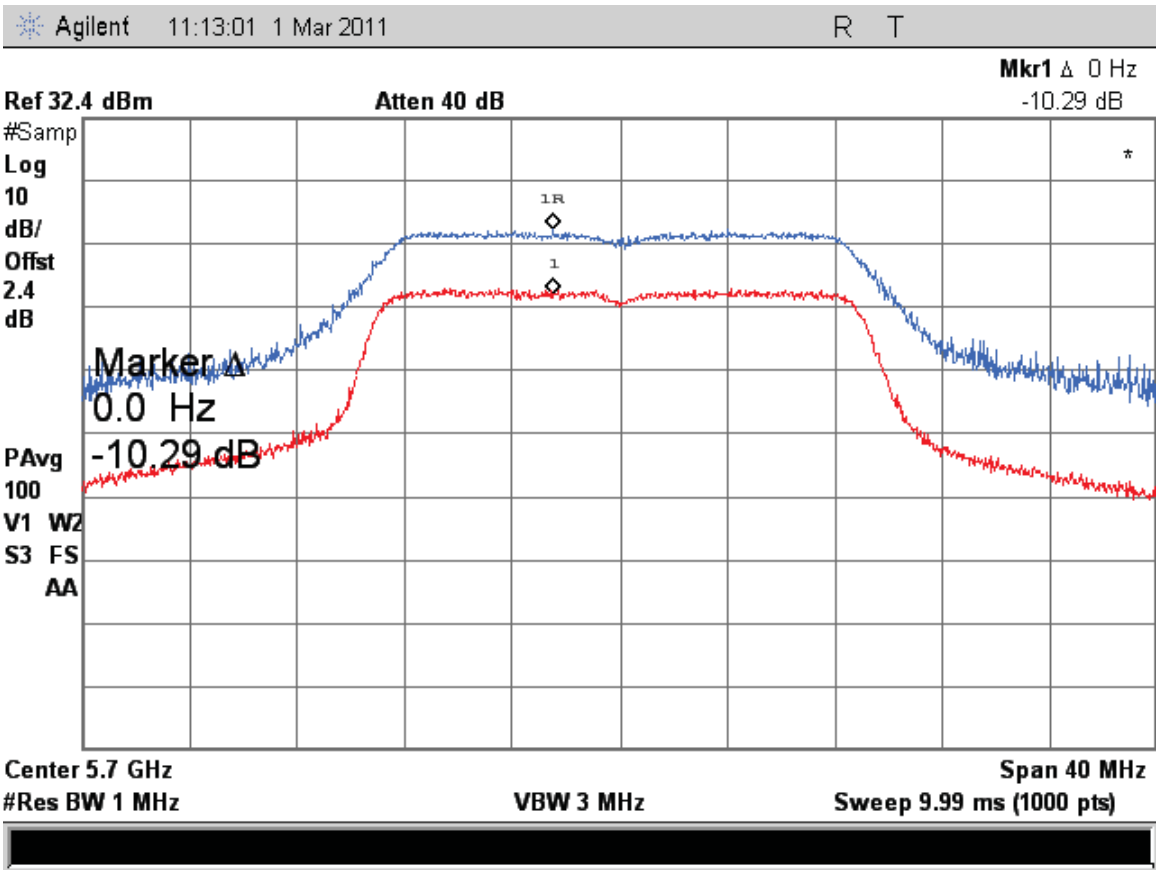


Figure 275: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 1 – 6.5Mbps

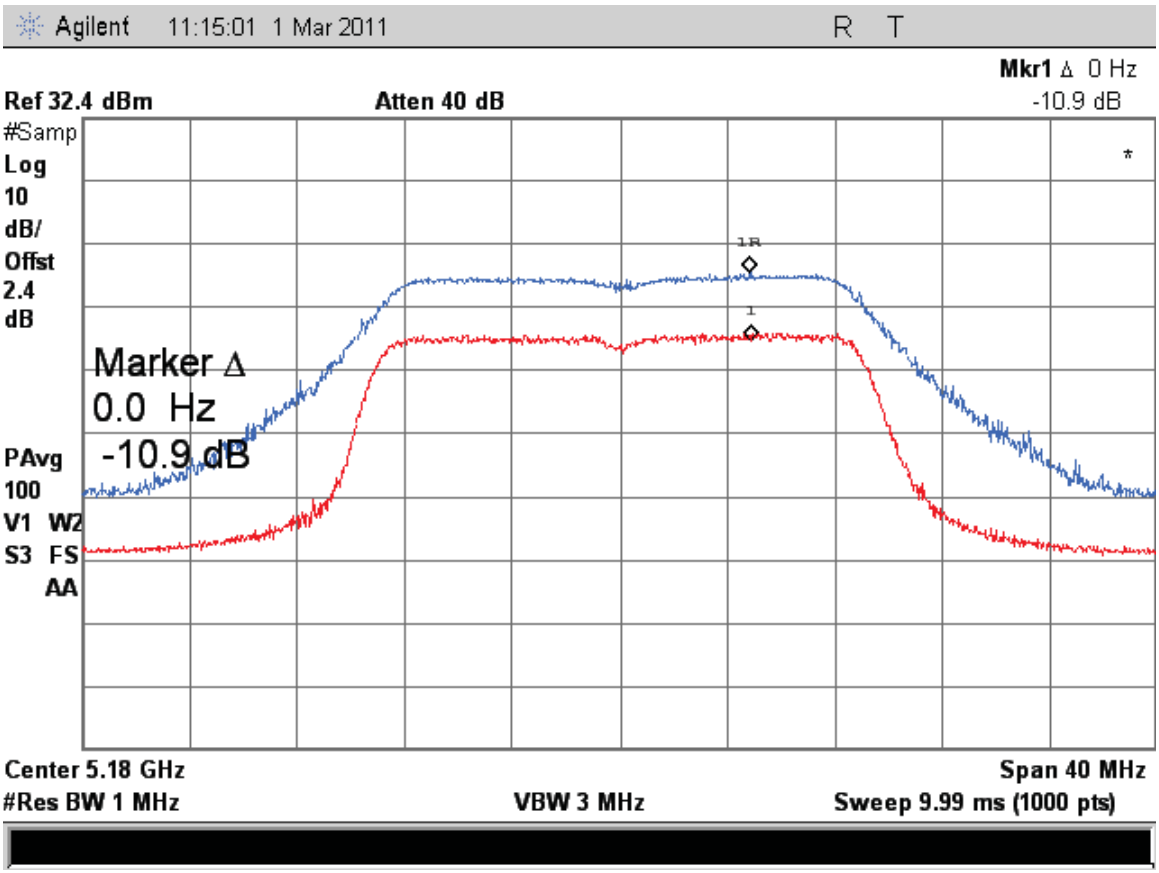


Figure 276: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

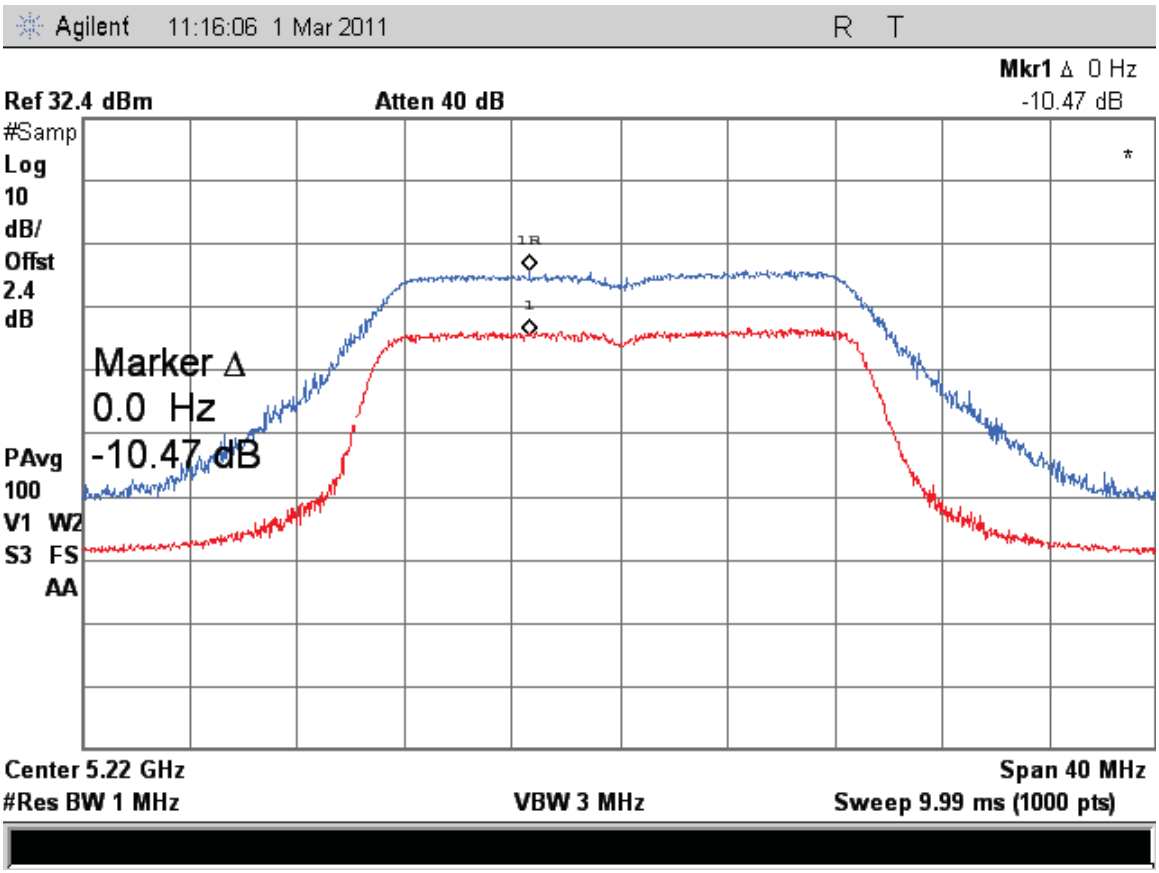


Figure 277: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

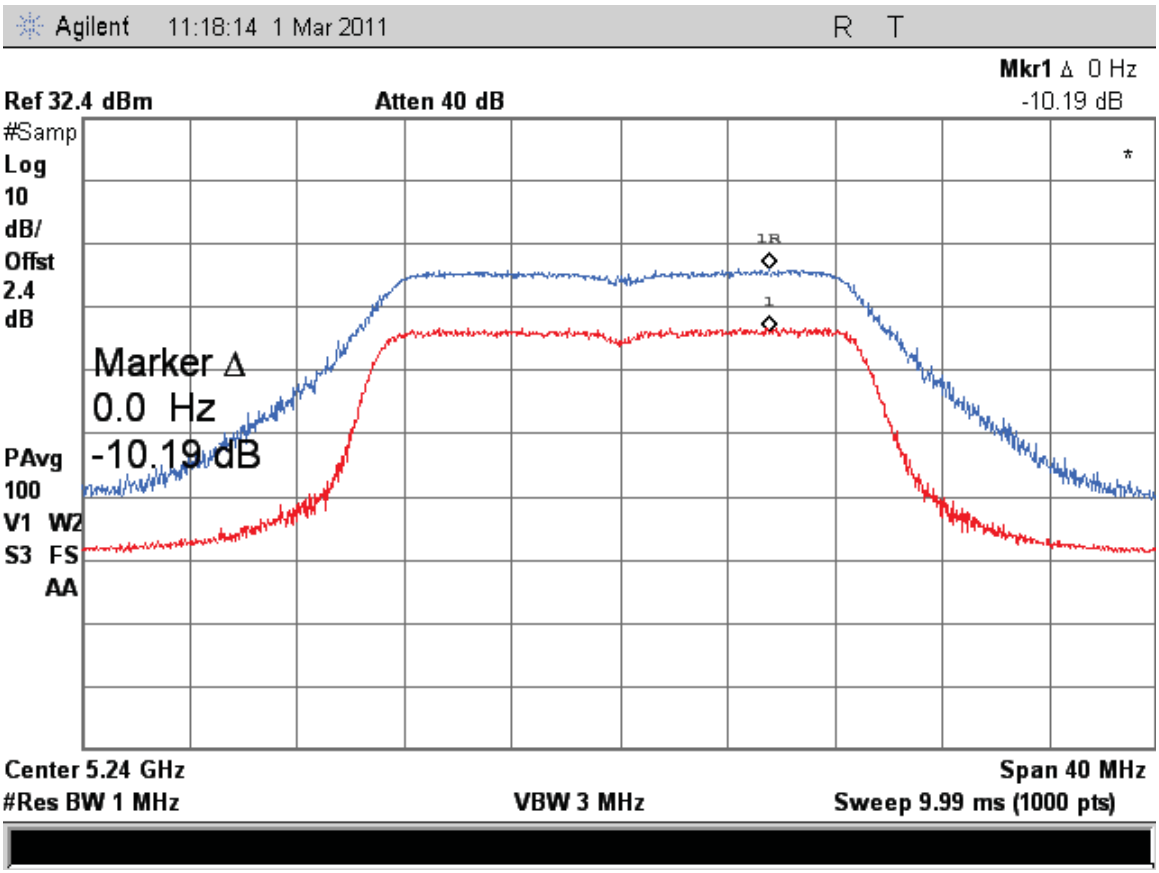


Figure 278: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

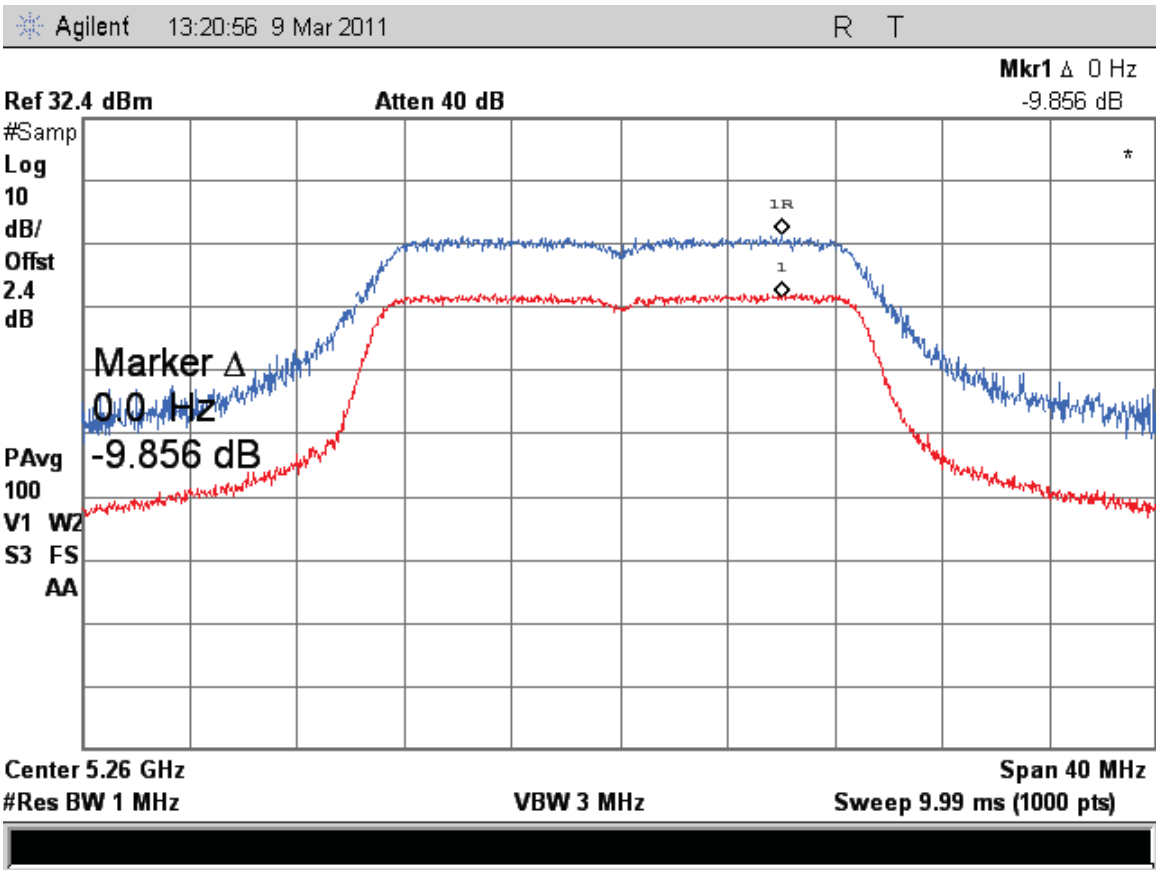


Figure 279: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

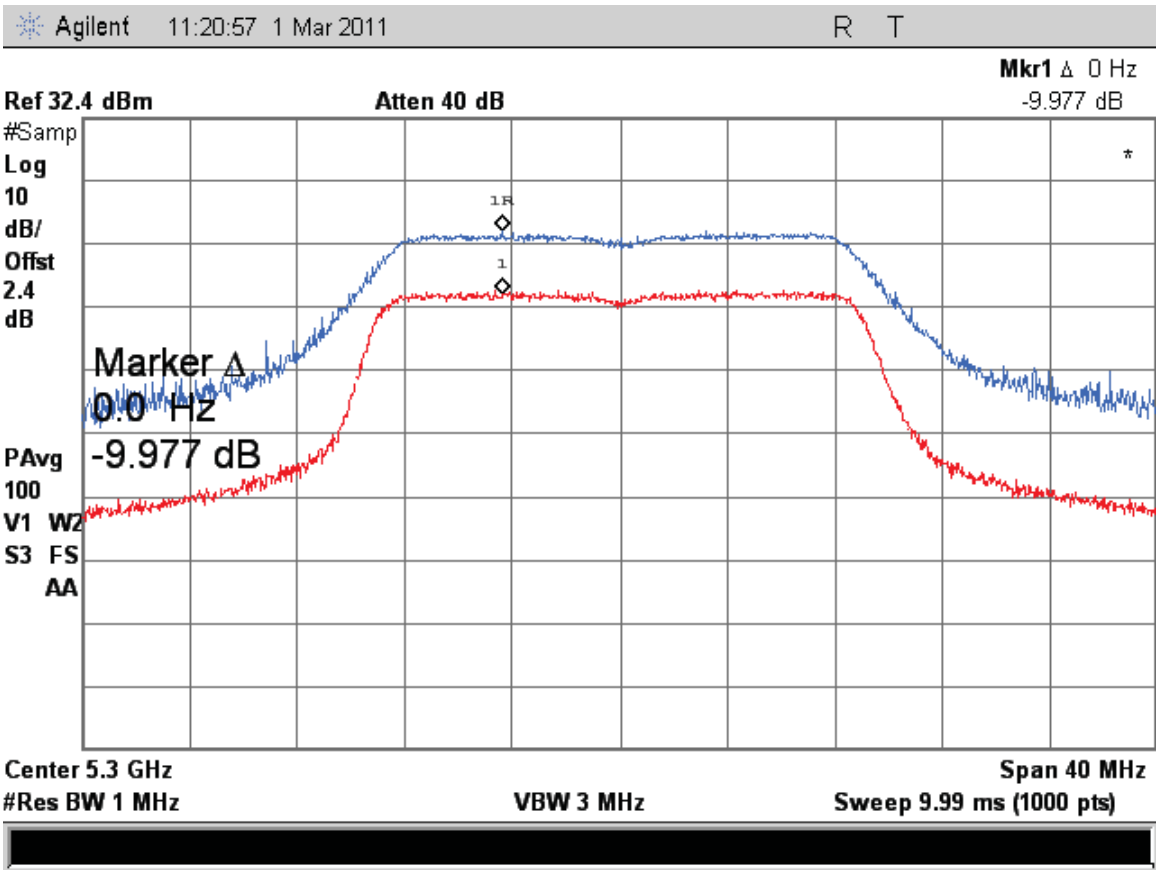


Figure 280: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

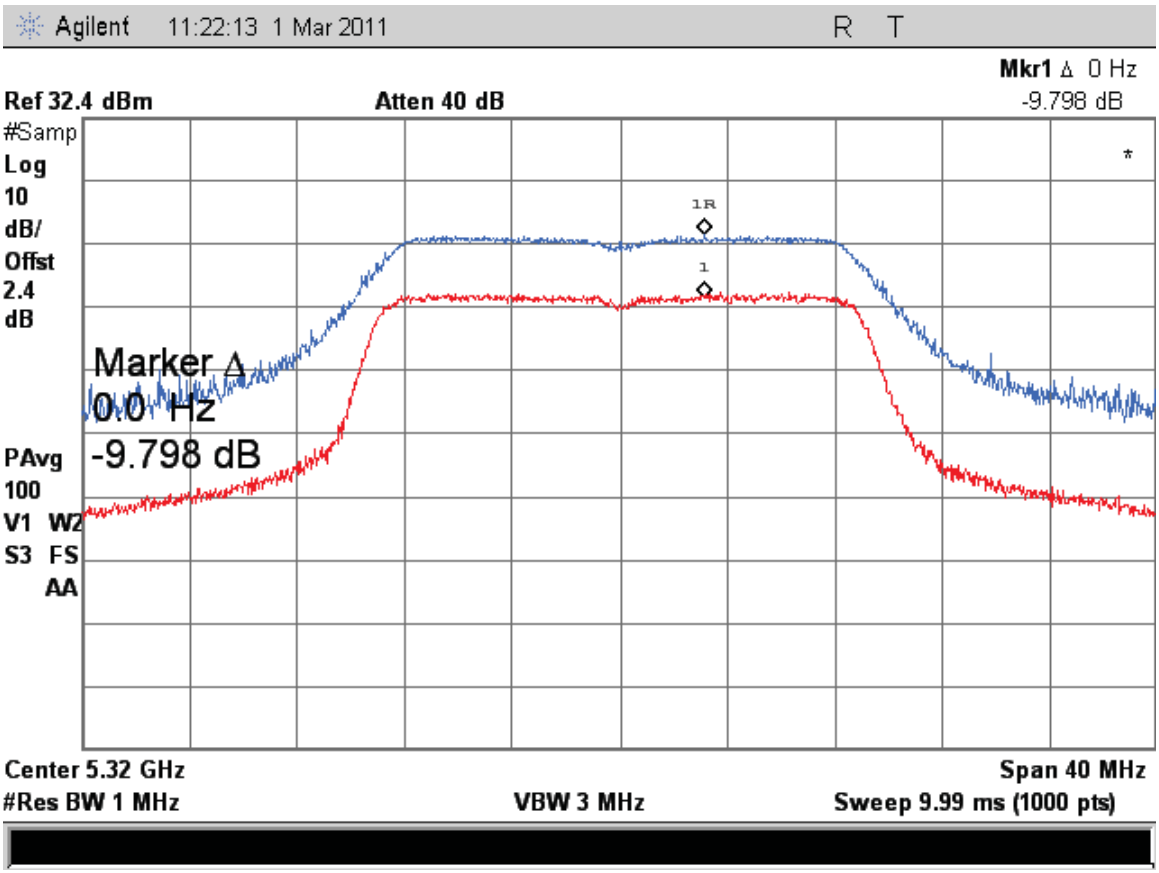


Figure 281: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

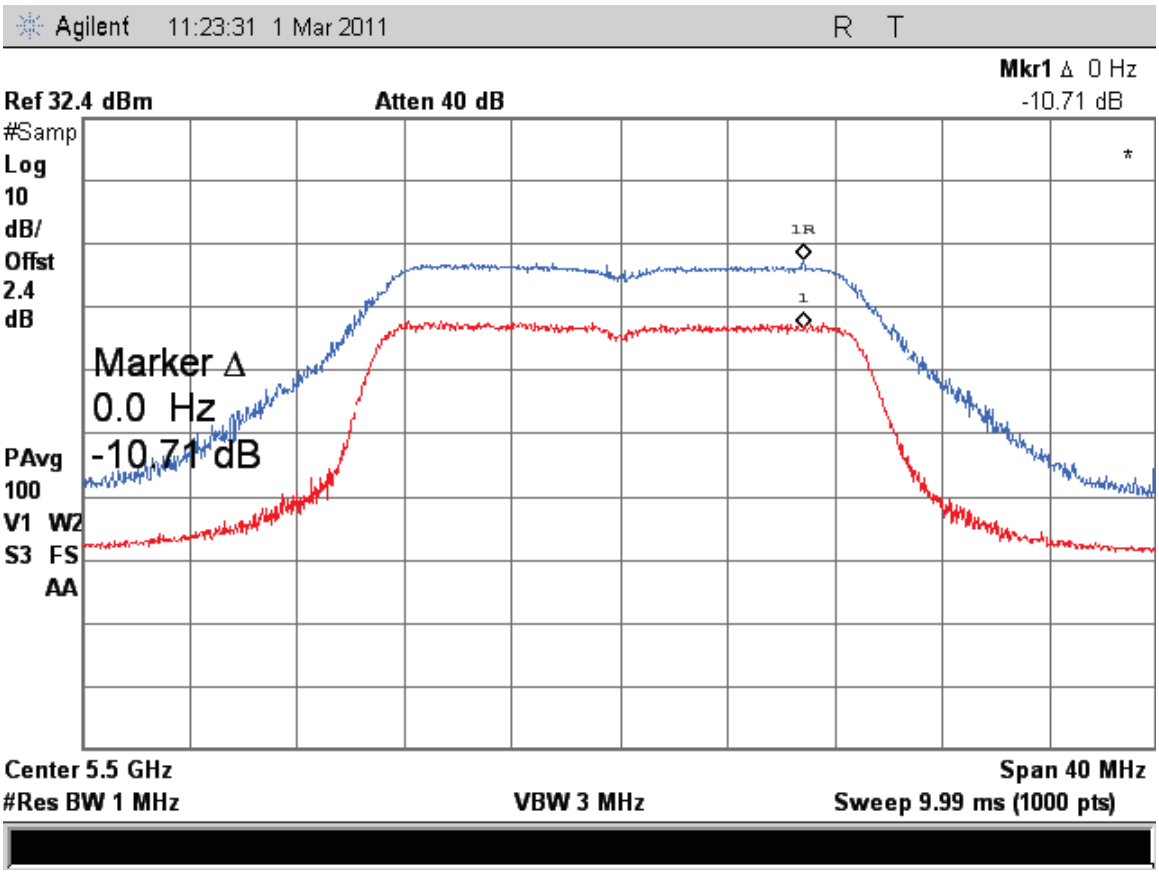


Figure 282: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

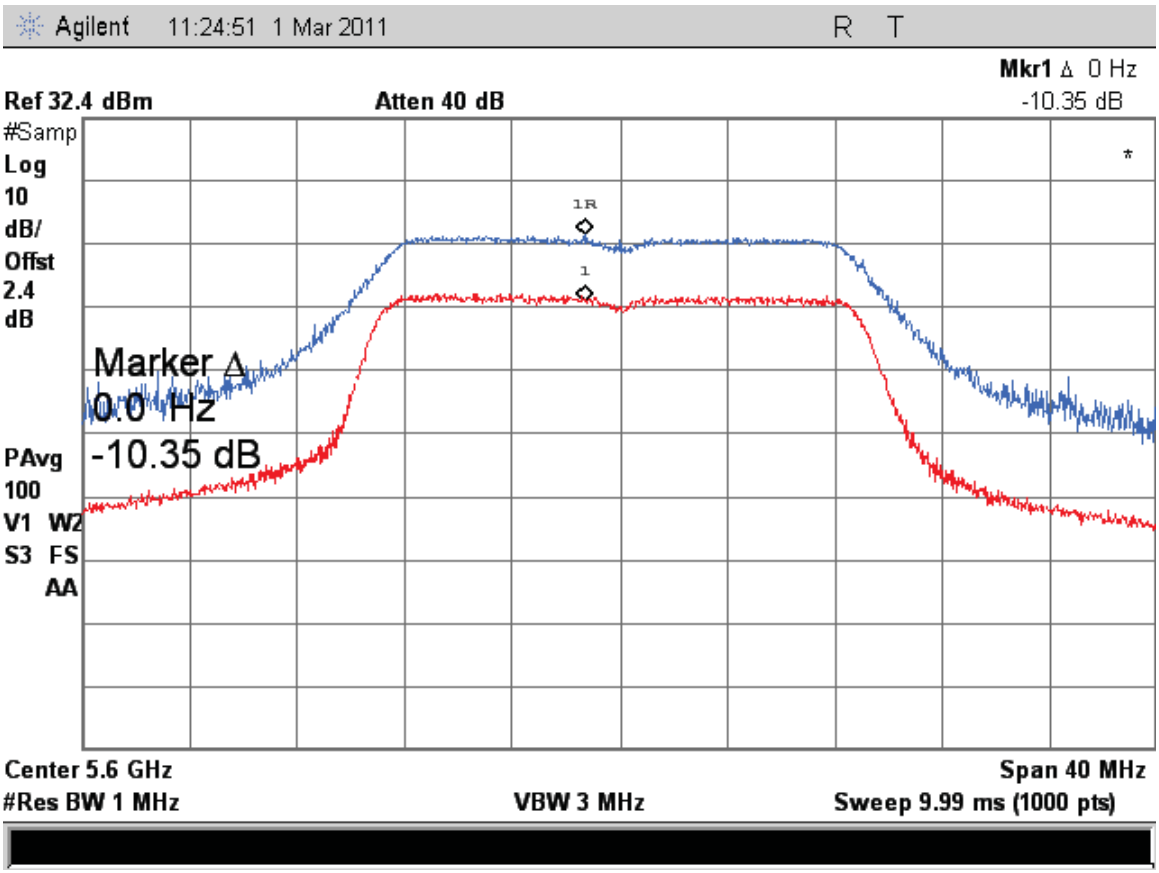


Figure 283: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

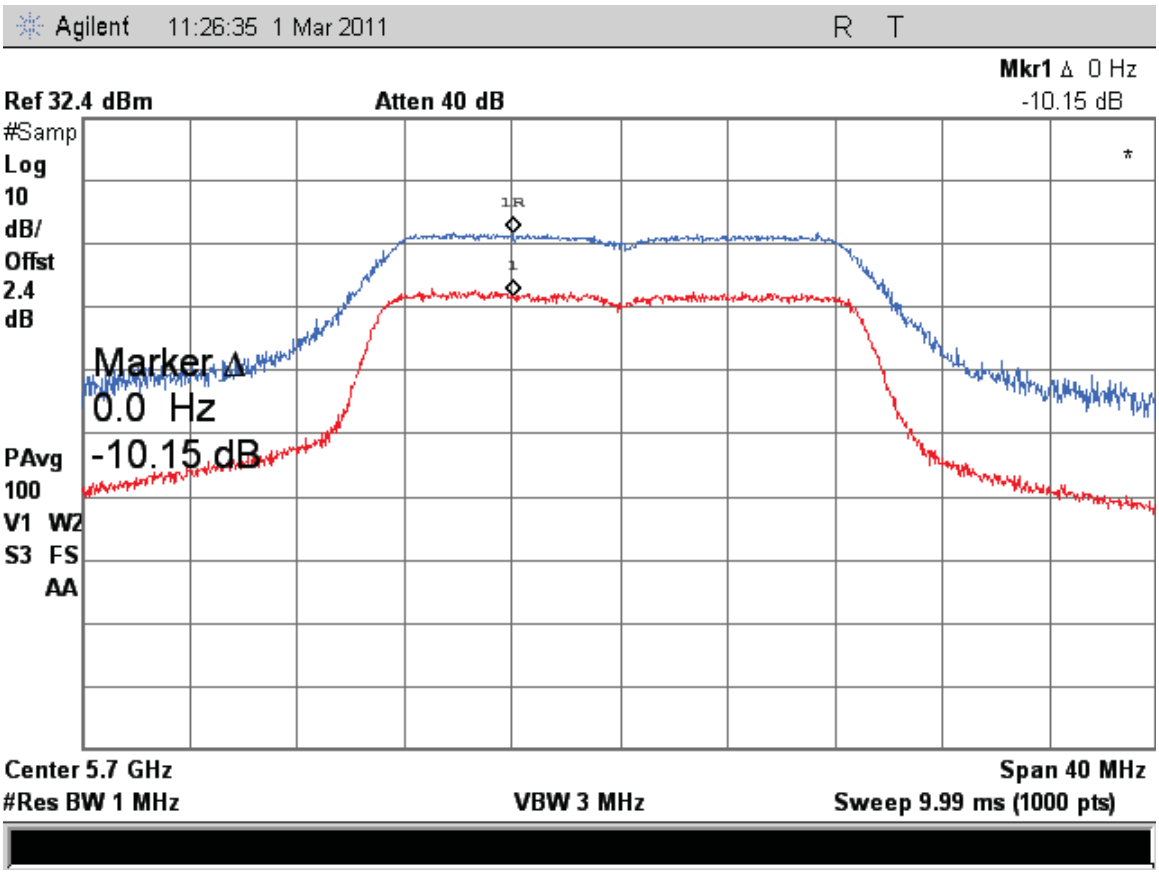


Figure 284: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 2 – 6.5Mbps

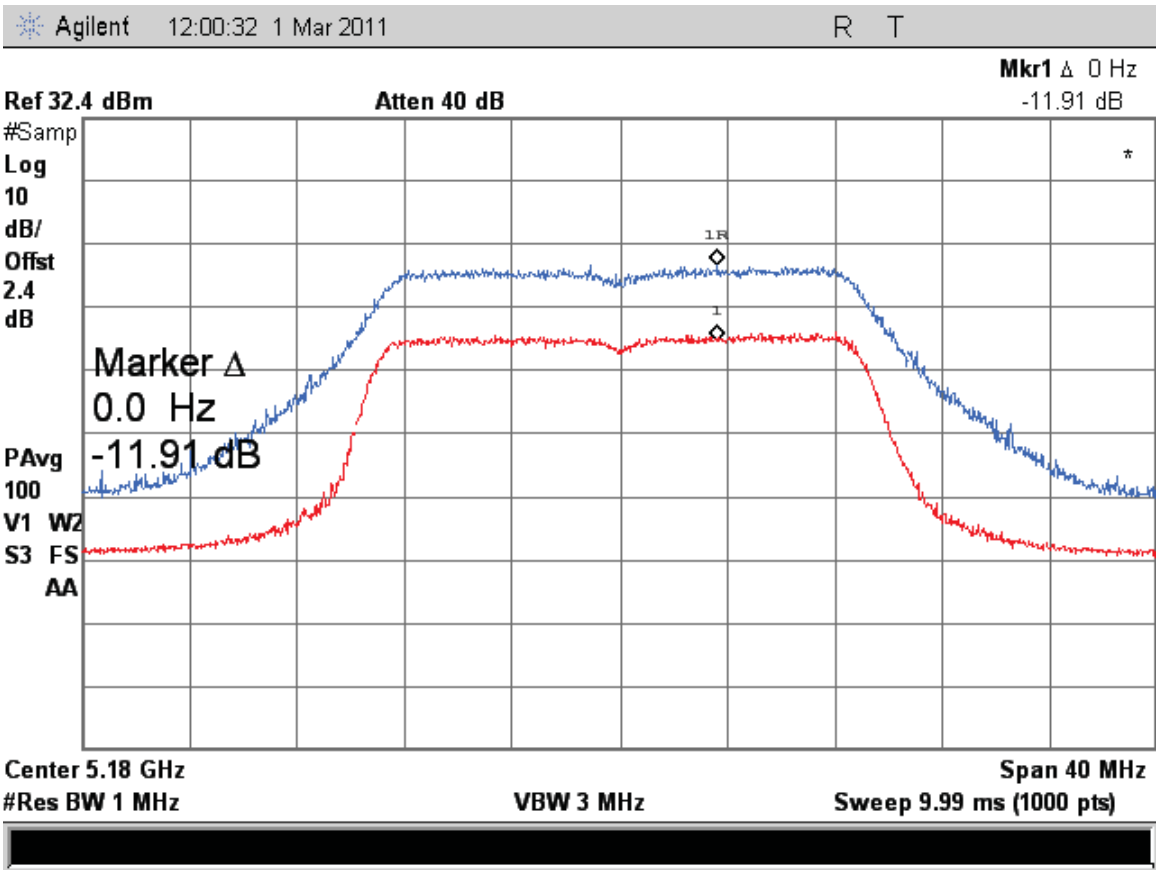


Figure 285: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 0 – 13Mbps

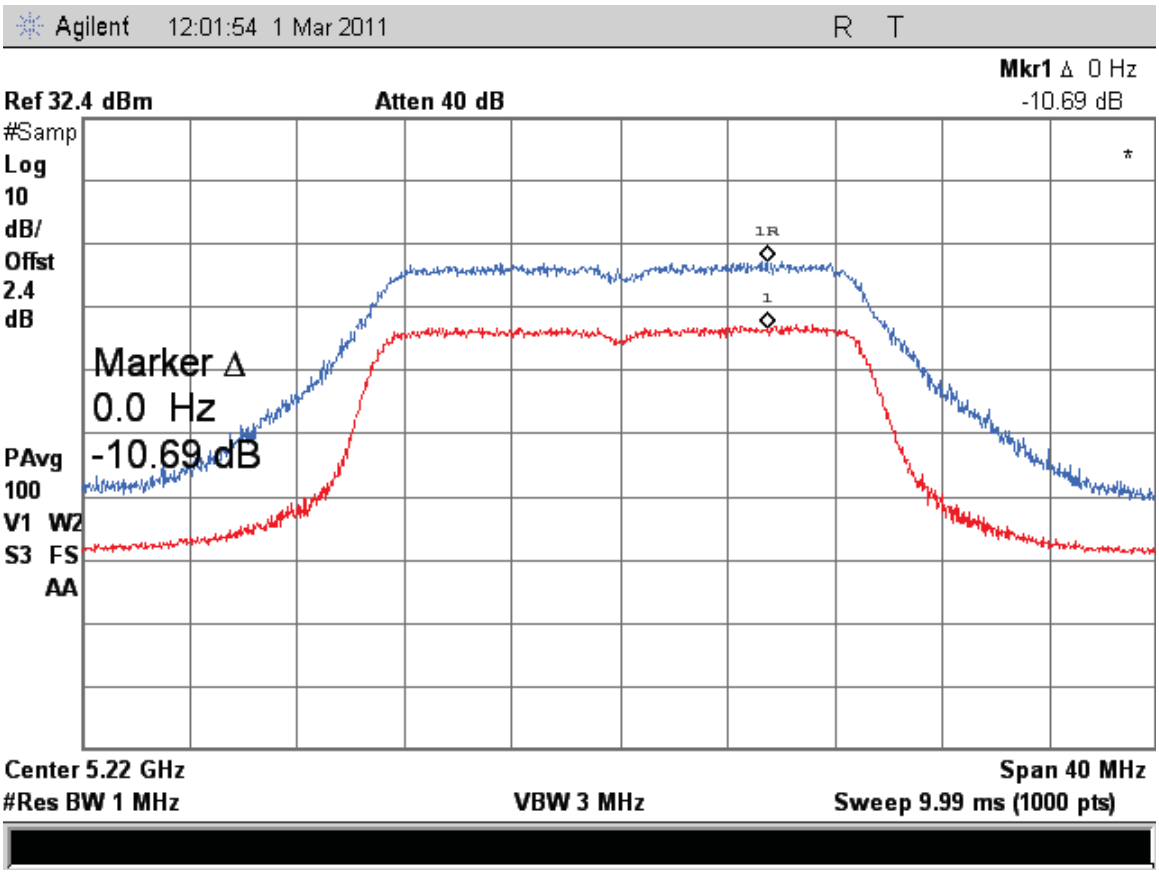


Figure 286: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 0 – 13Mbps

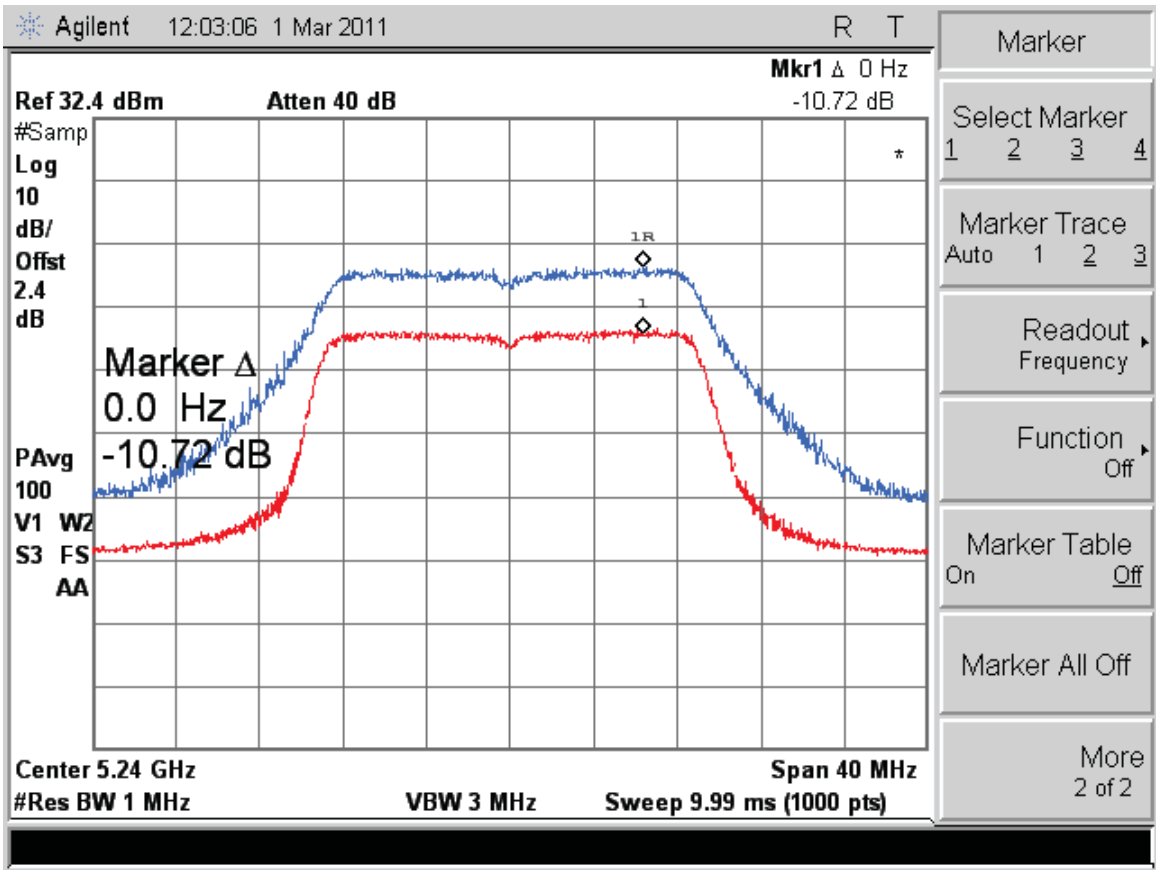


Figure 287: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 0 – 13Mbps

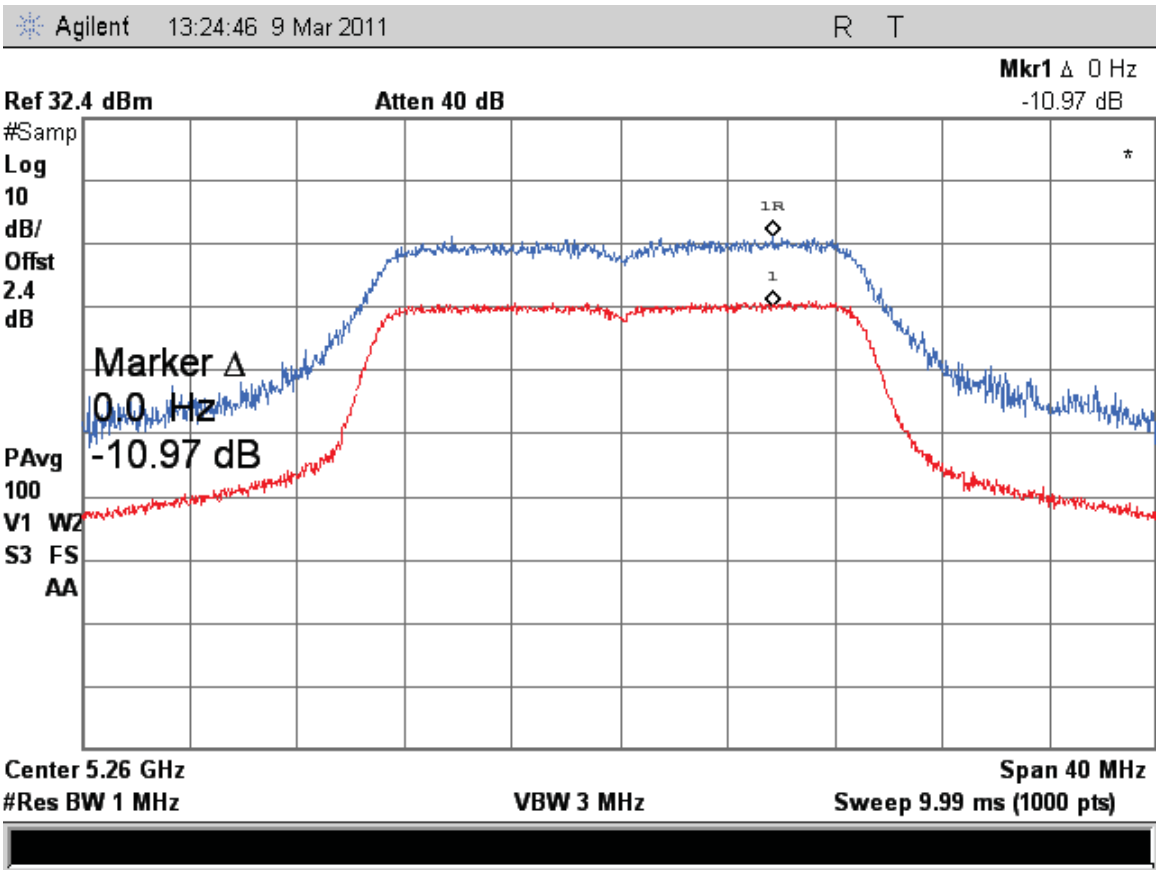


Figure 288: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 0 – 13Mbps

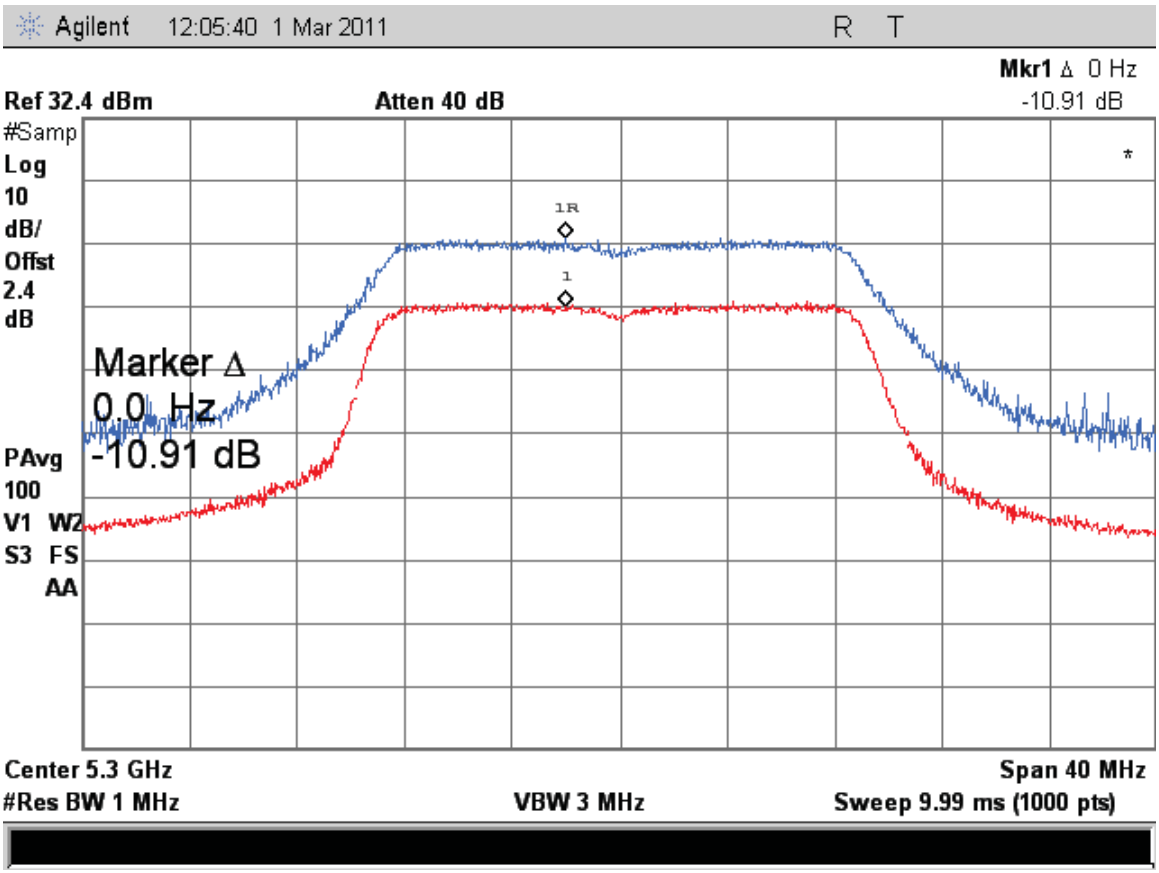


Figure 289: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 0 – 13Mbps

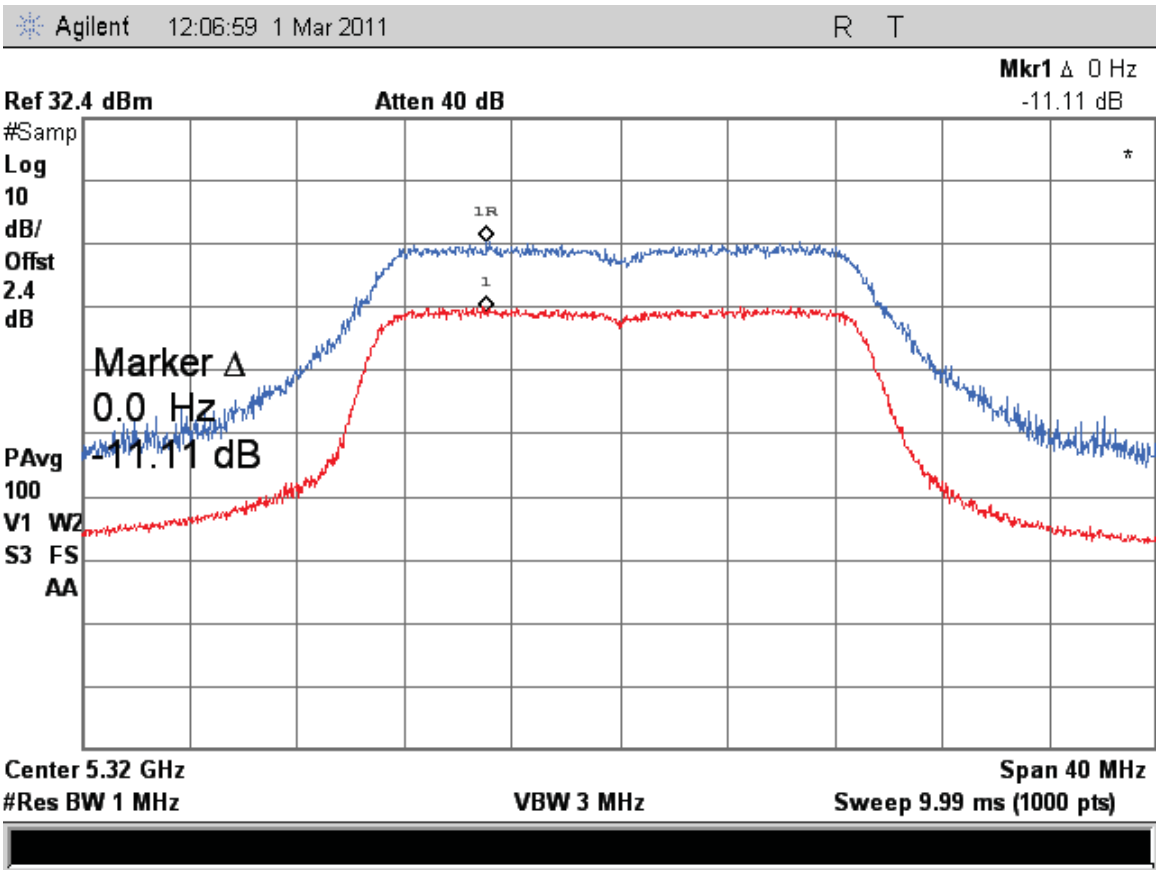


Figure 290: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 0 – 13Mbps

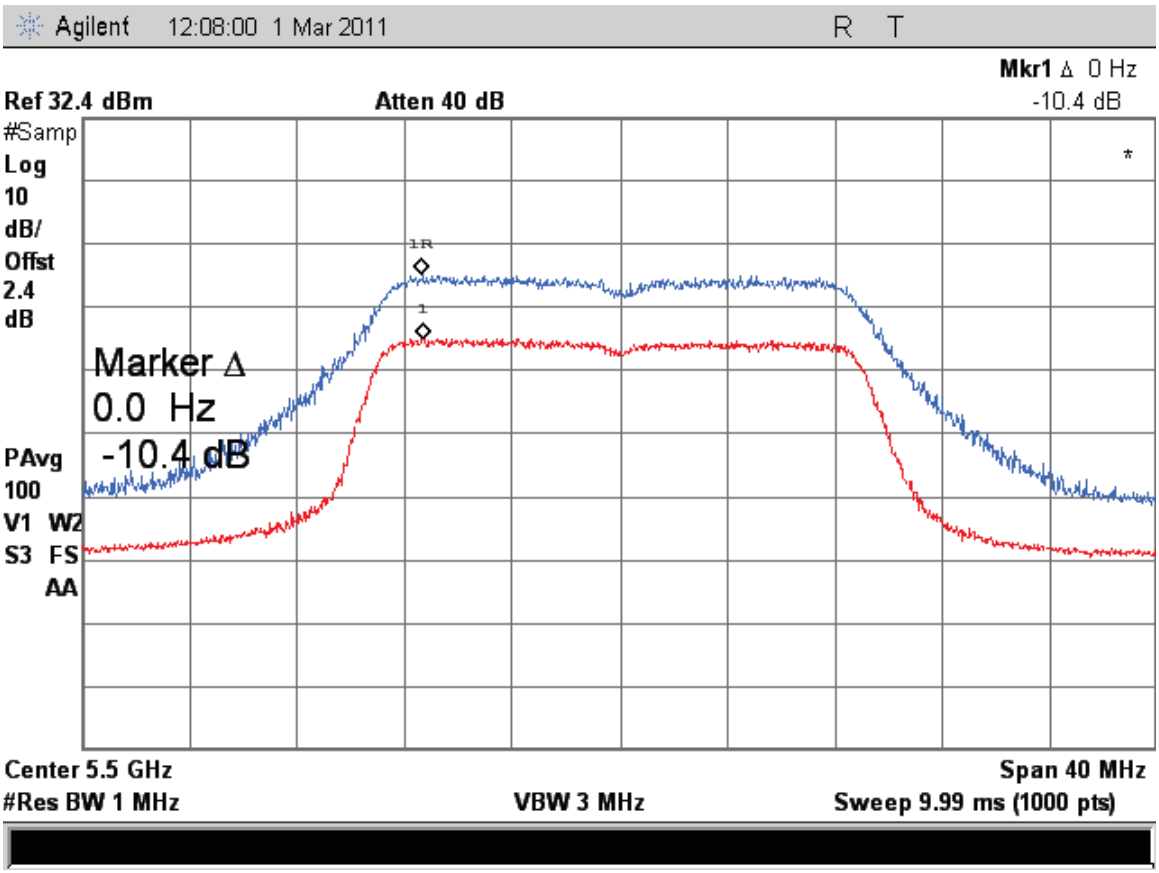


Figure 291: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 0 – 13Mbps

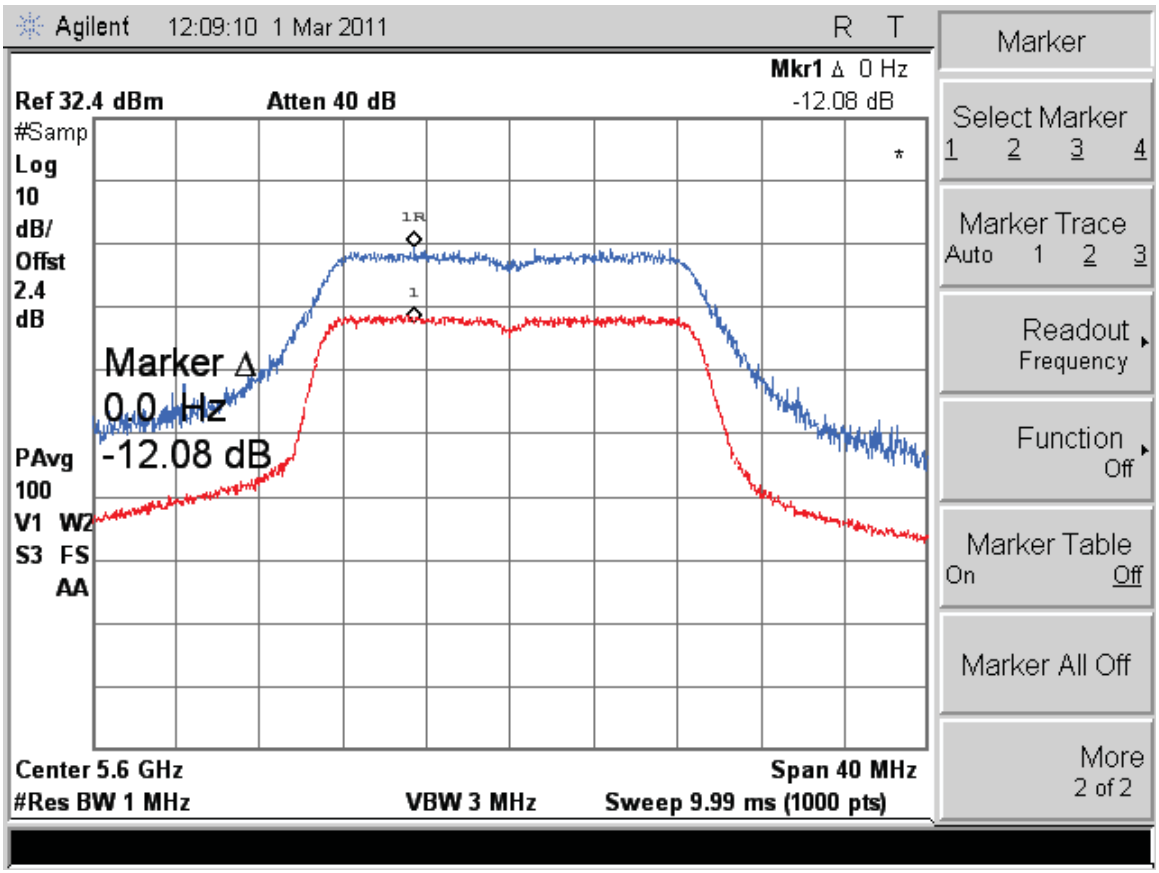


Figure 292: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 0 – 13Mbps

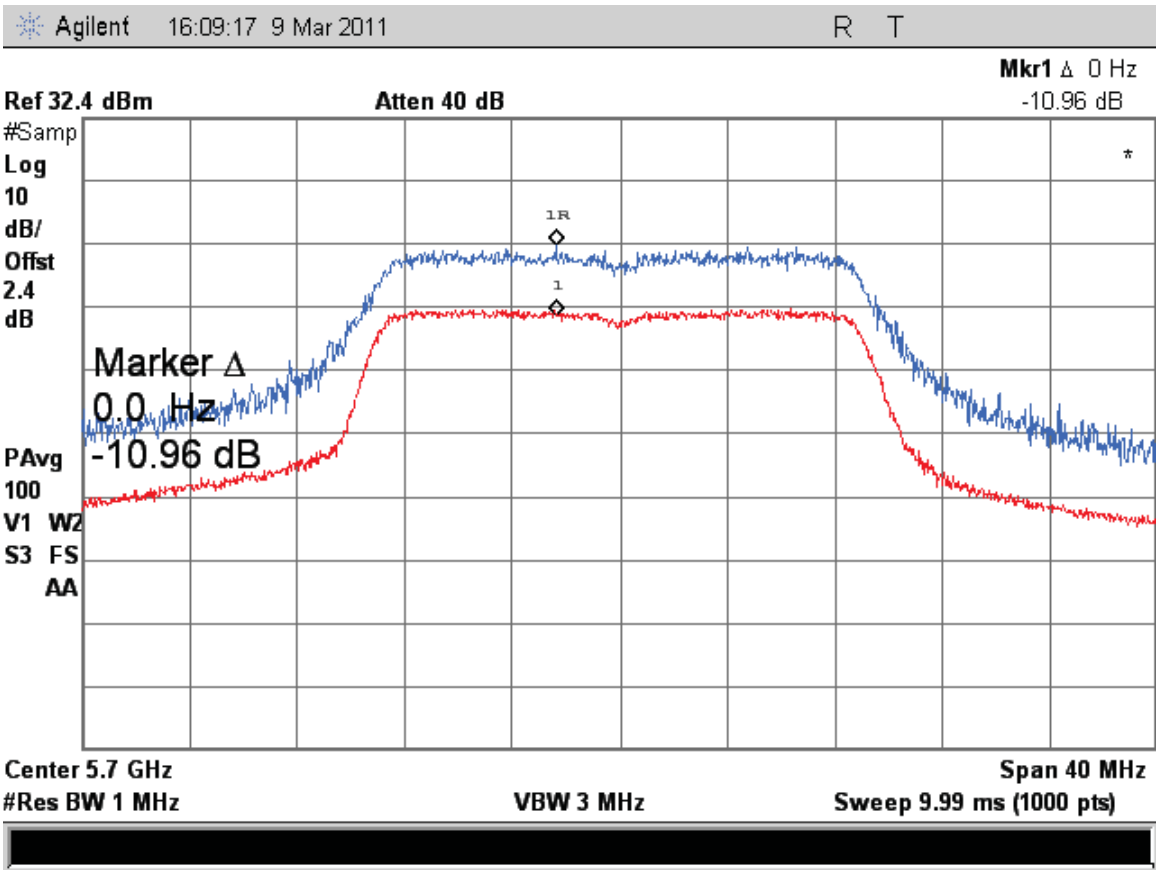


Figure 293: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 0 – 13Mbps

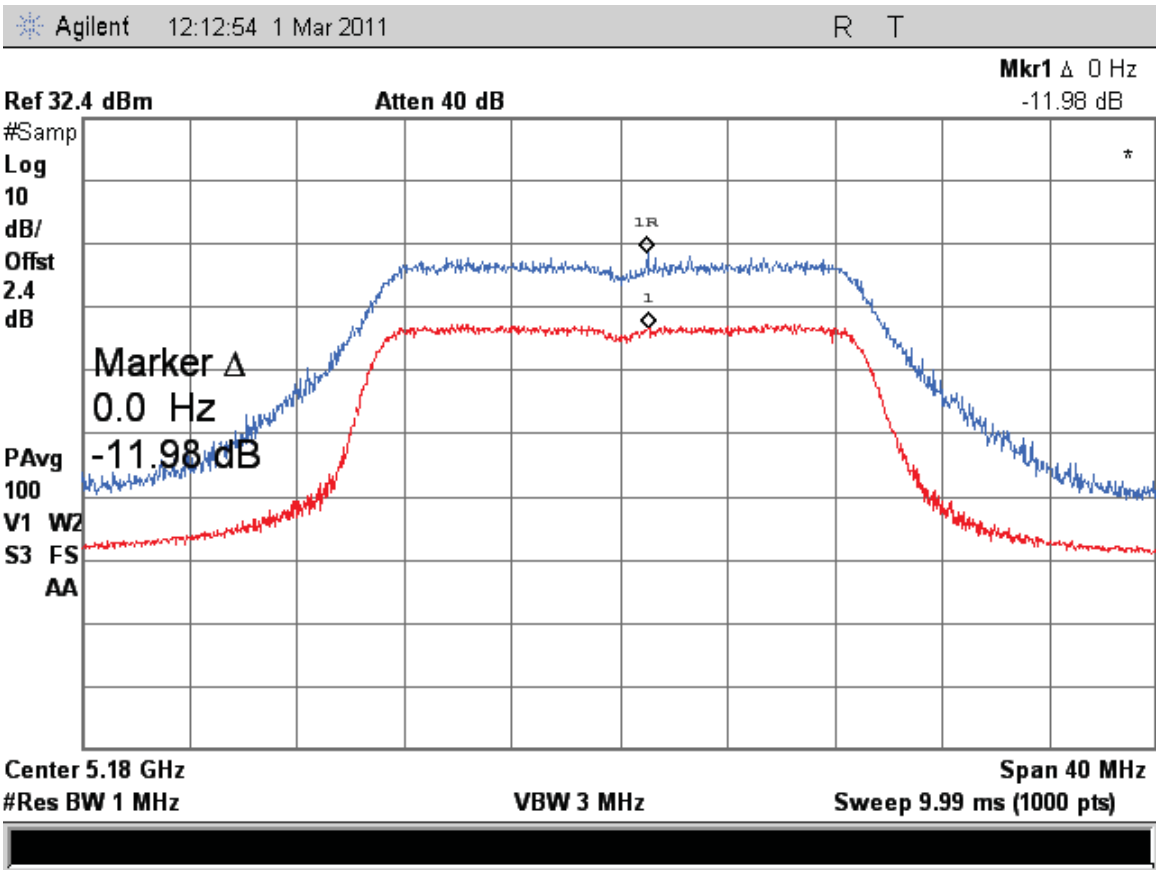


Figure 294: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 1 – 13Mbps

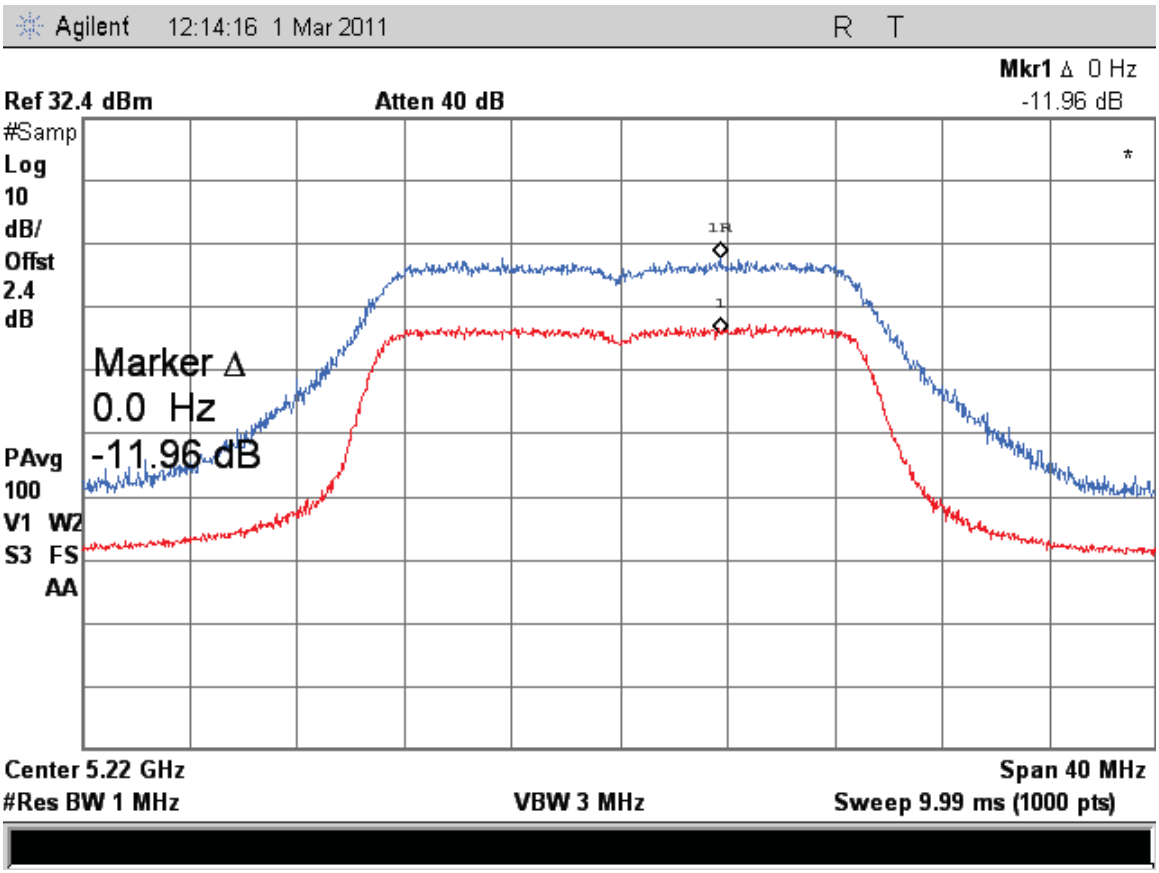


Figure 295: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 1 – 13Mbps

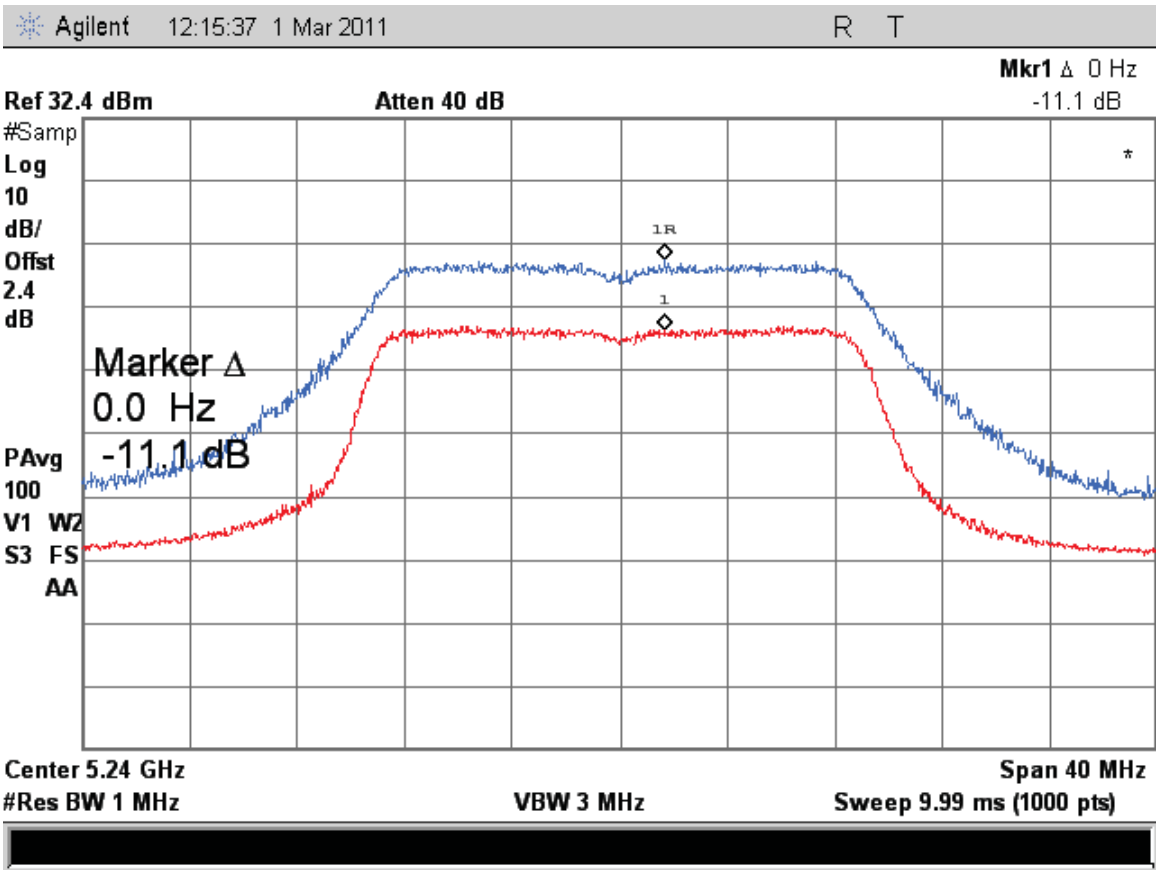


Figure 296: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 1 – 13Mbps

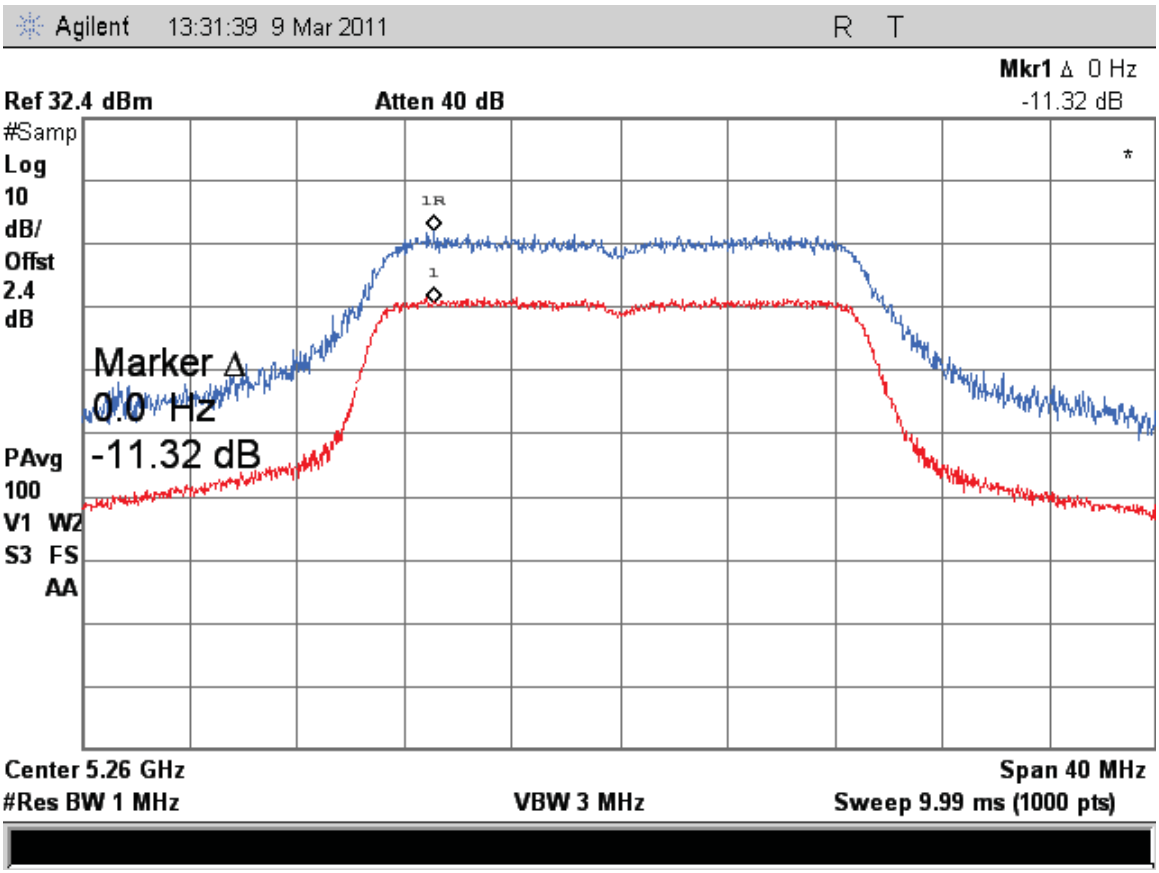


Figure 297: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 1 – 13Mbps

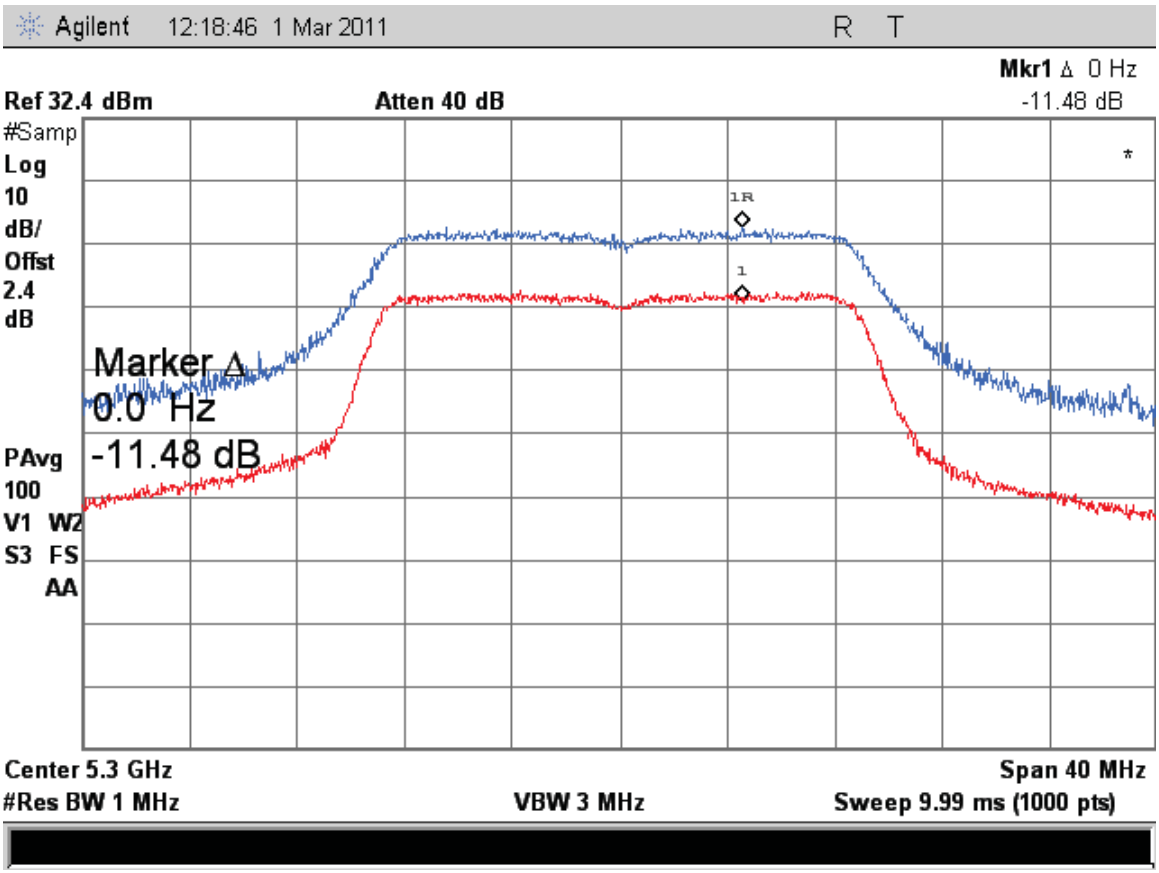


Figure 298: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 1 – 13Mbps

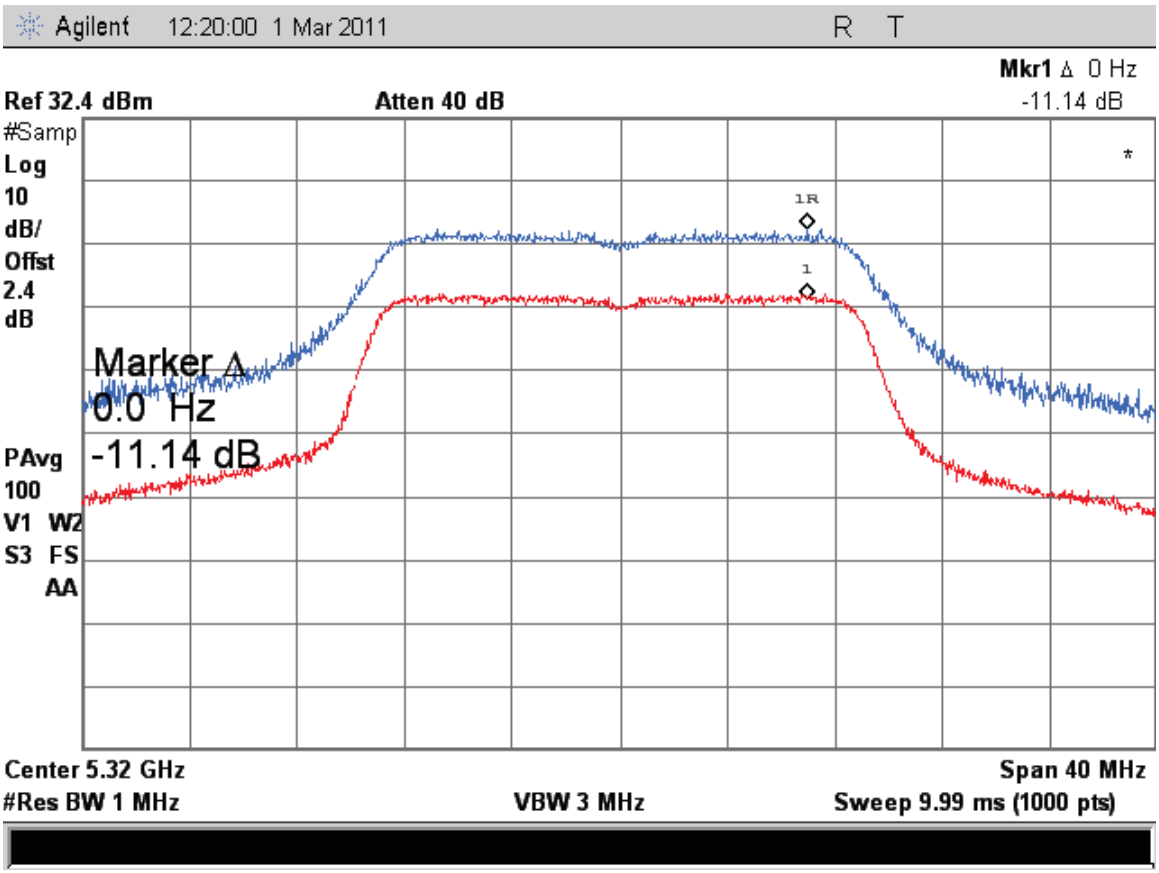


Figure 299: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 1 – 13Mbps

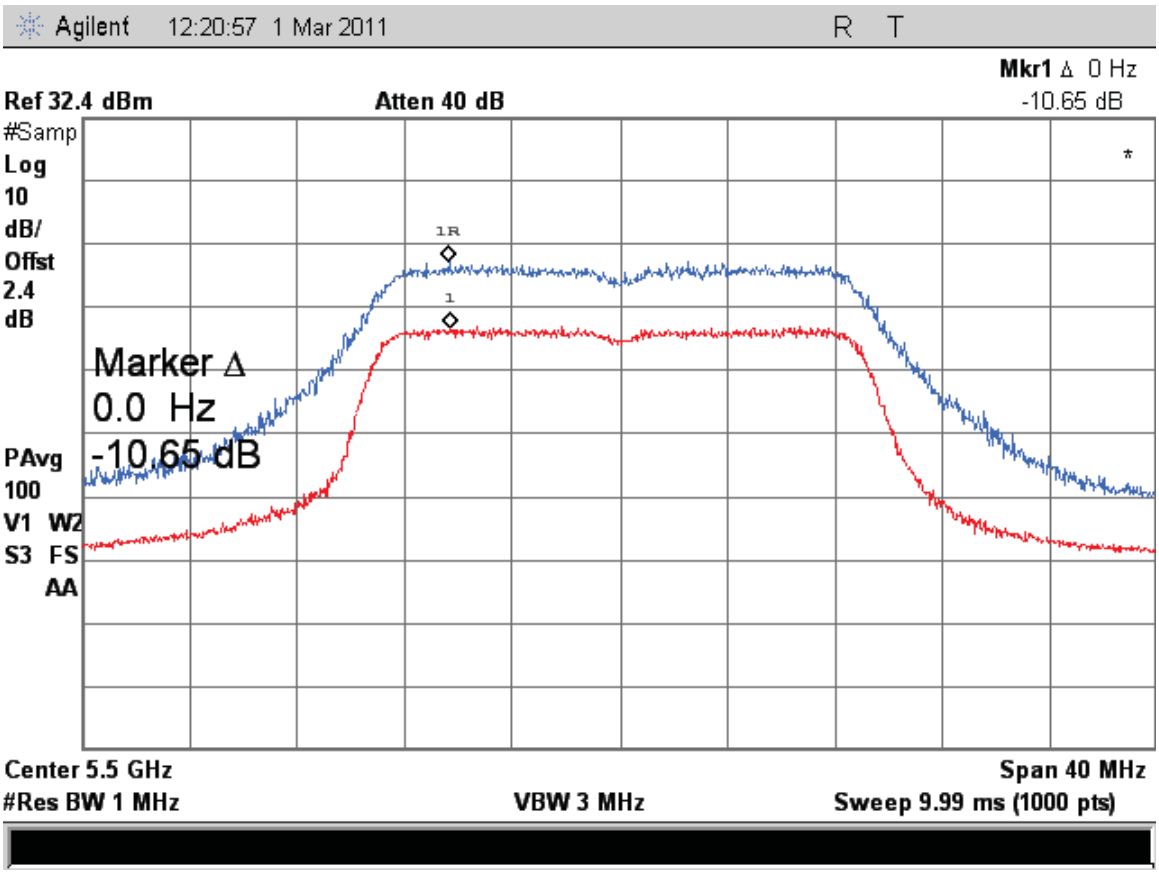


Figure 300: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 1 – 13Mbps

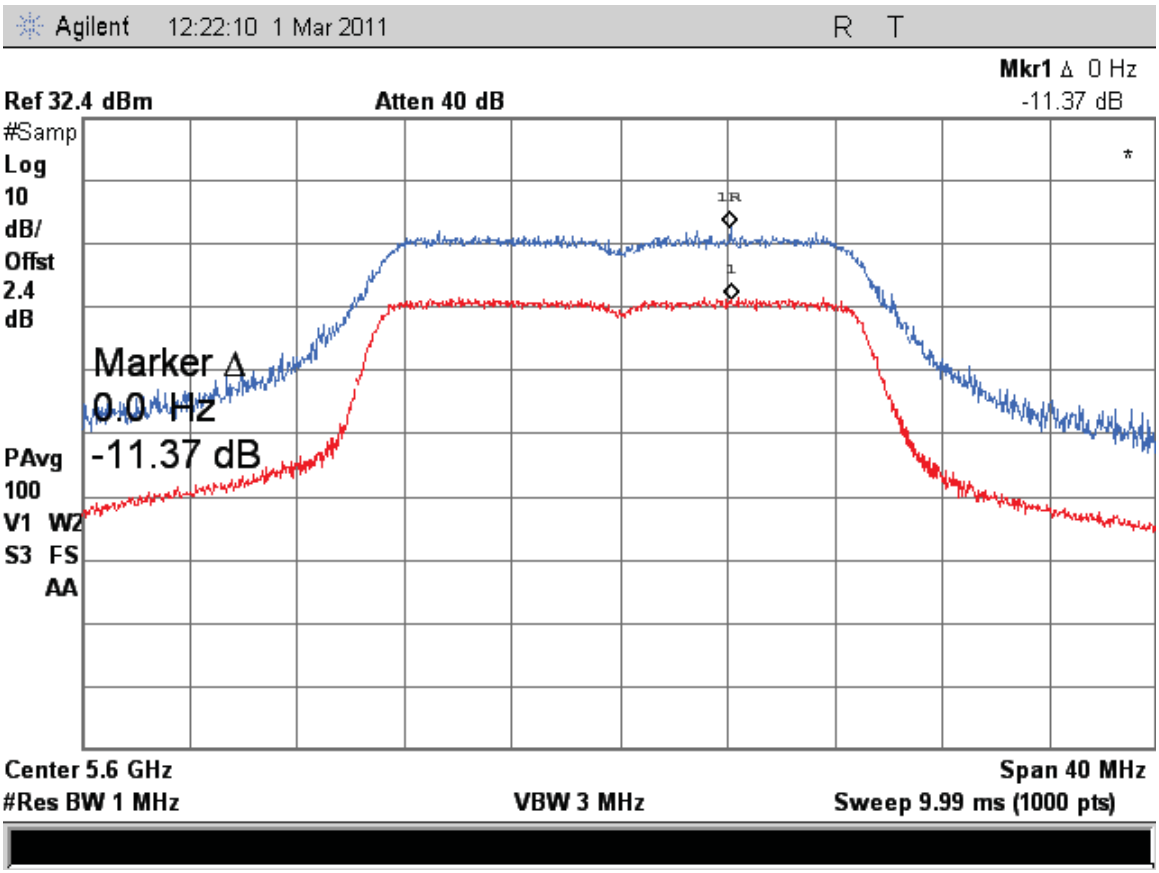


Figure 301: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 1 – 13Mbps

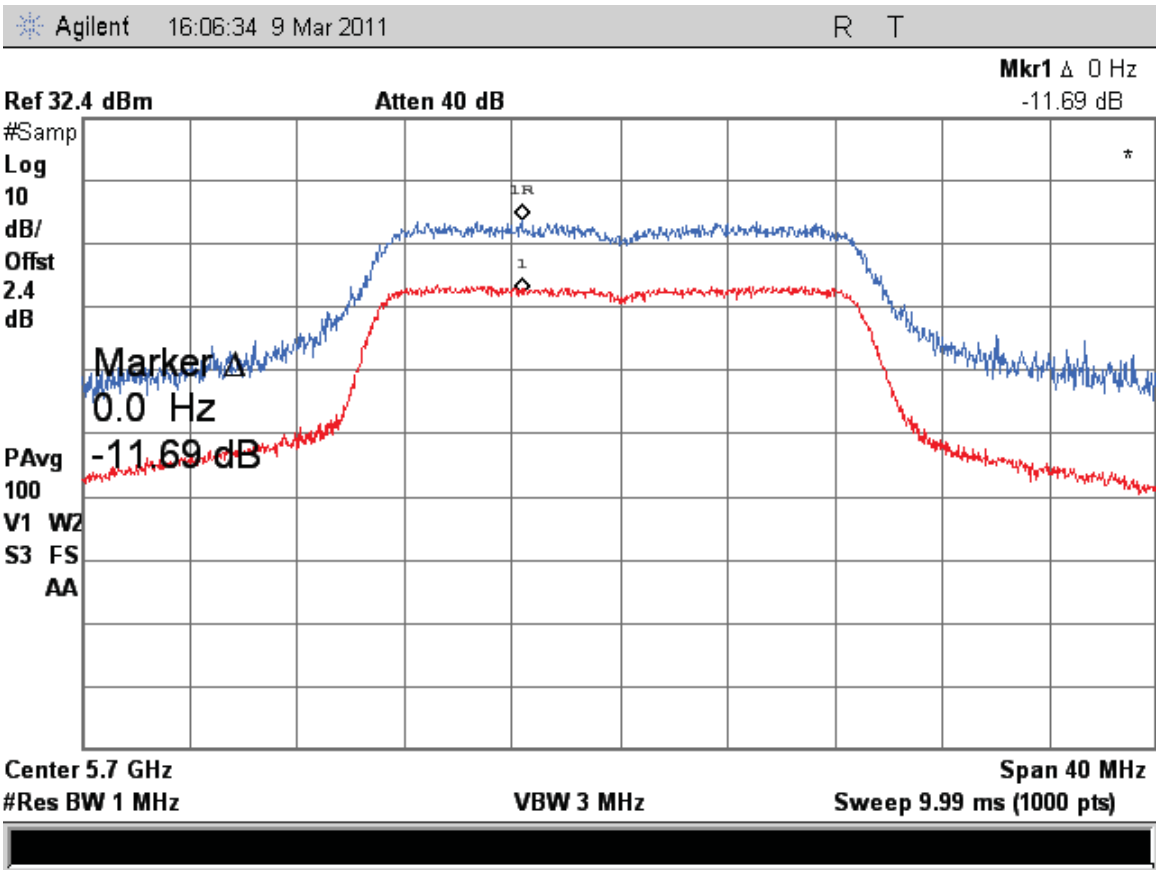


Figure 302: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 1 – 13Mbps

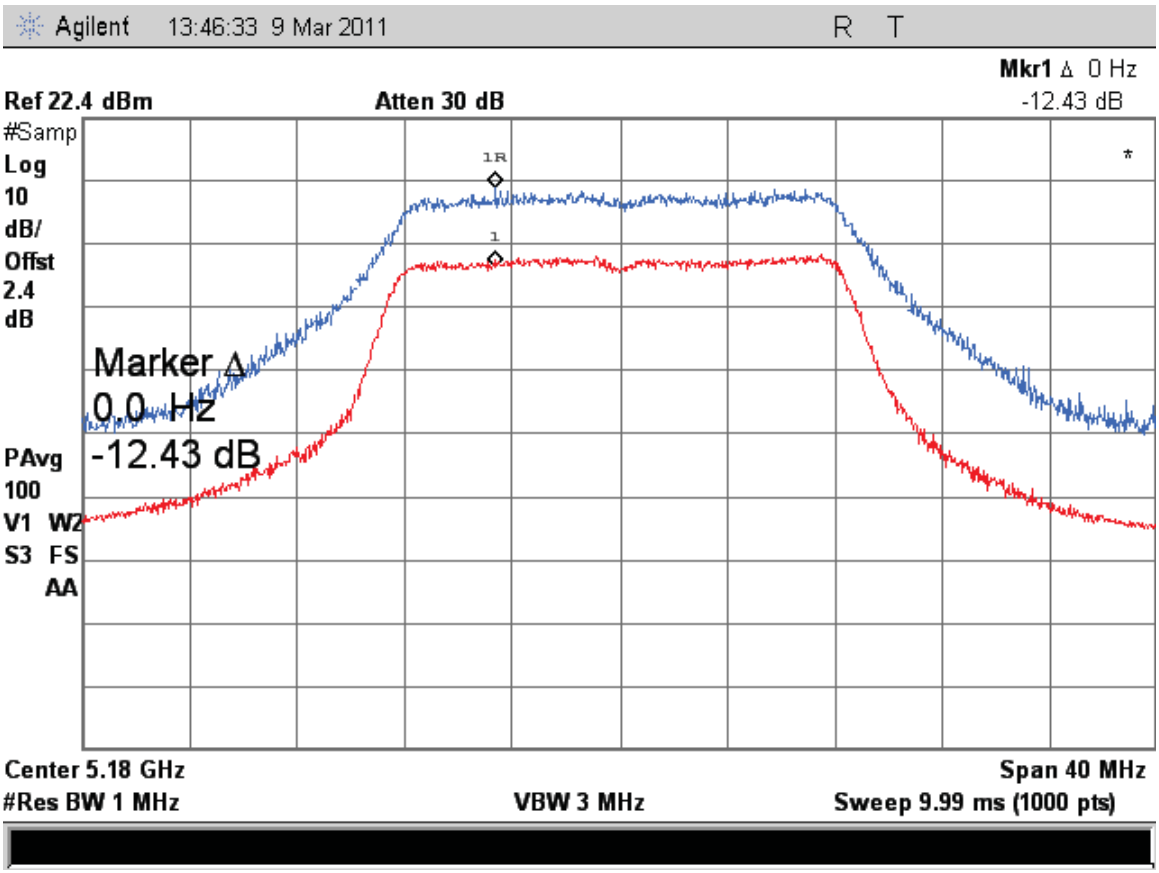


Figure 303: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

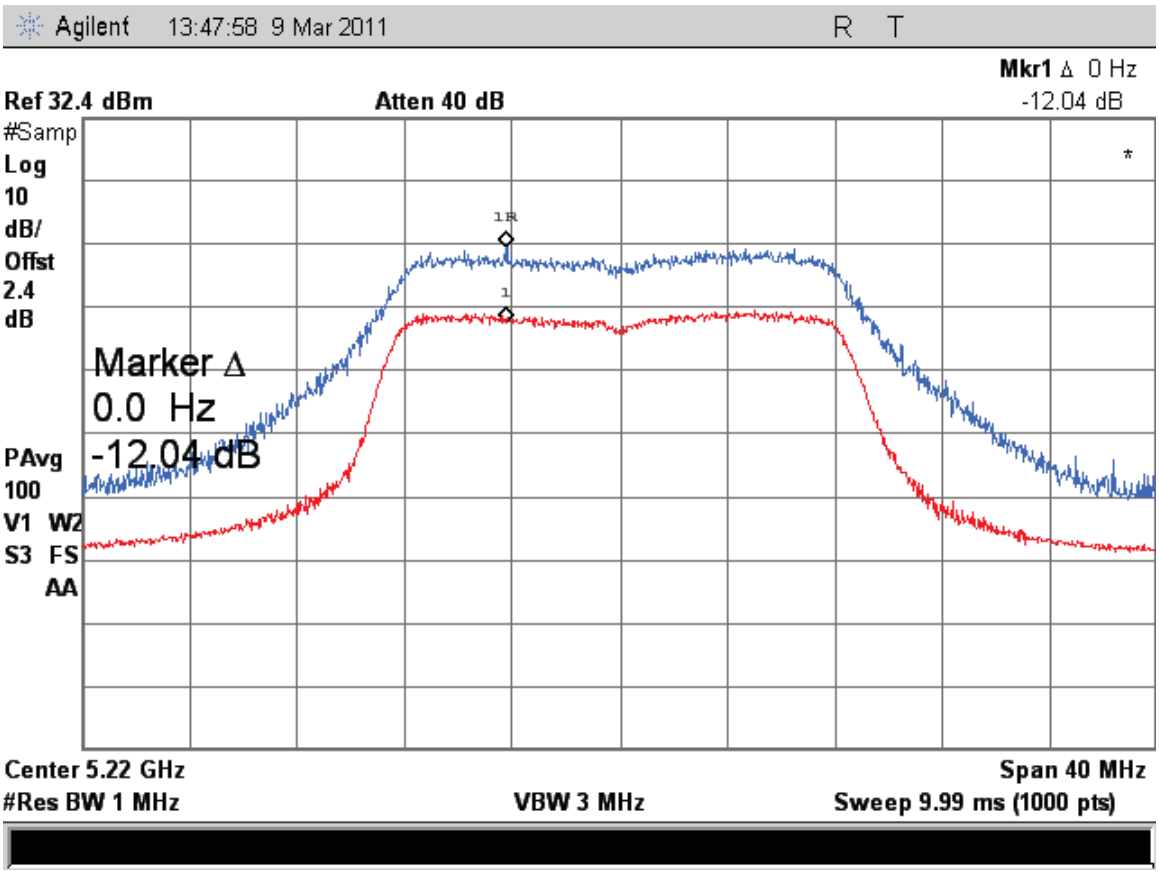


Figure 304: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

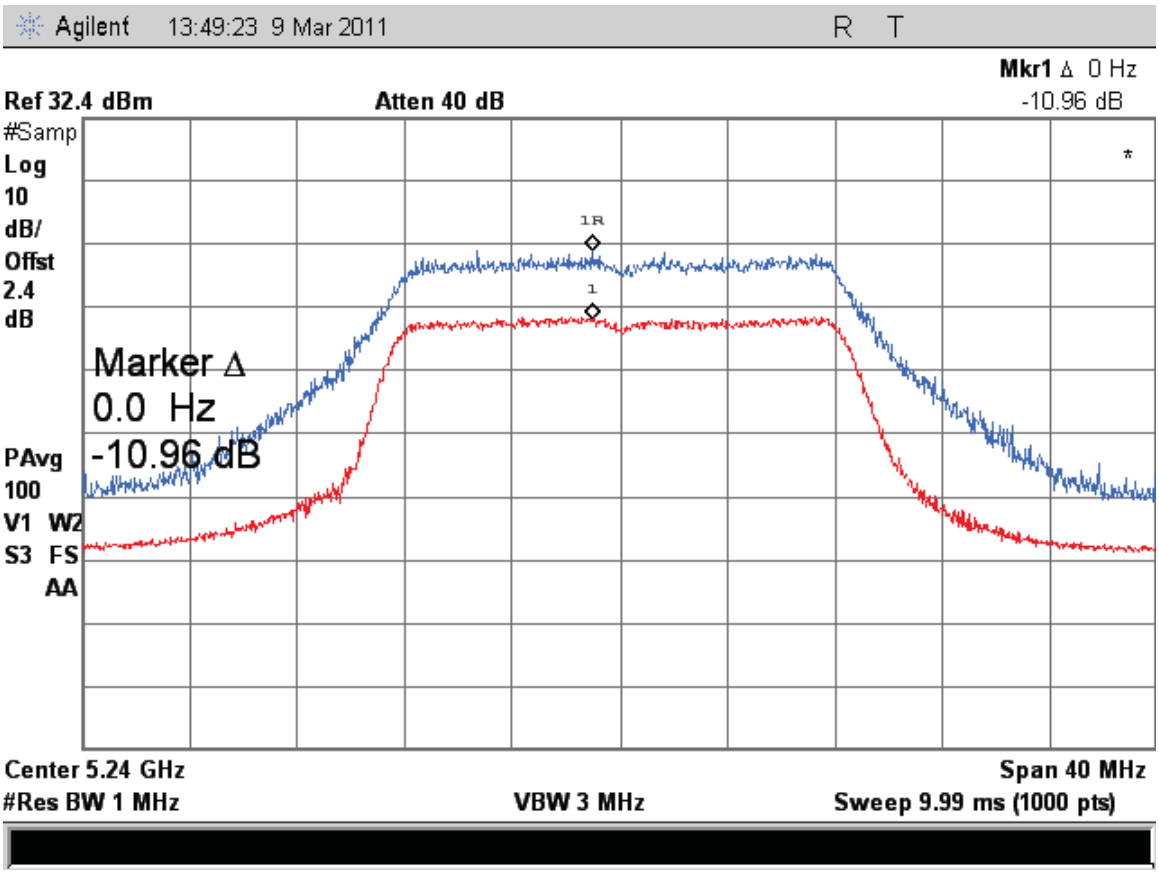


Figure 305: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

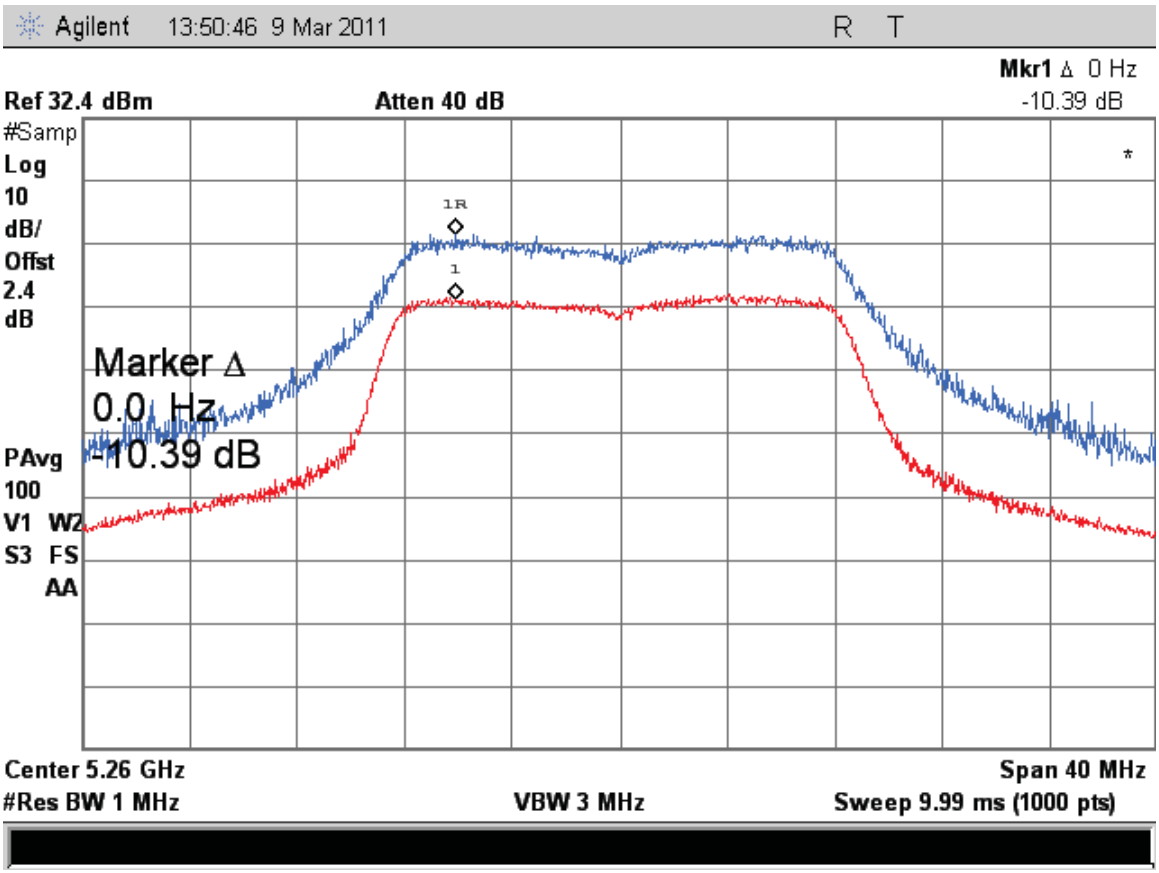


Figure 306: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

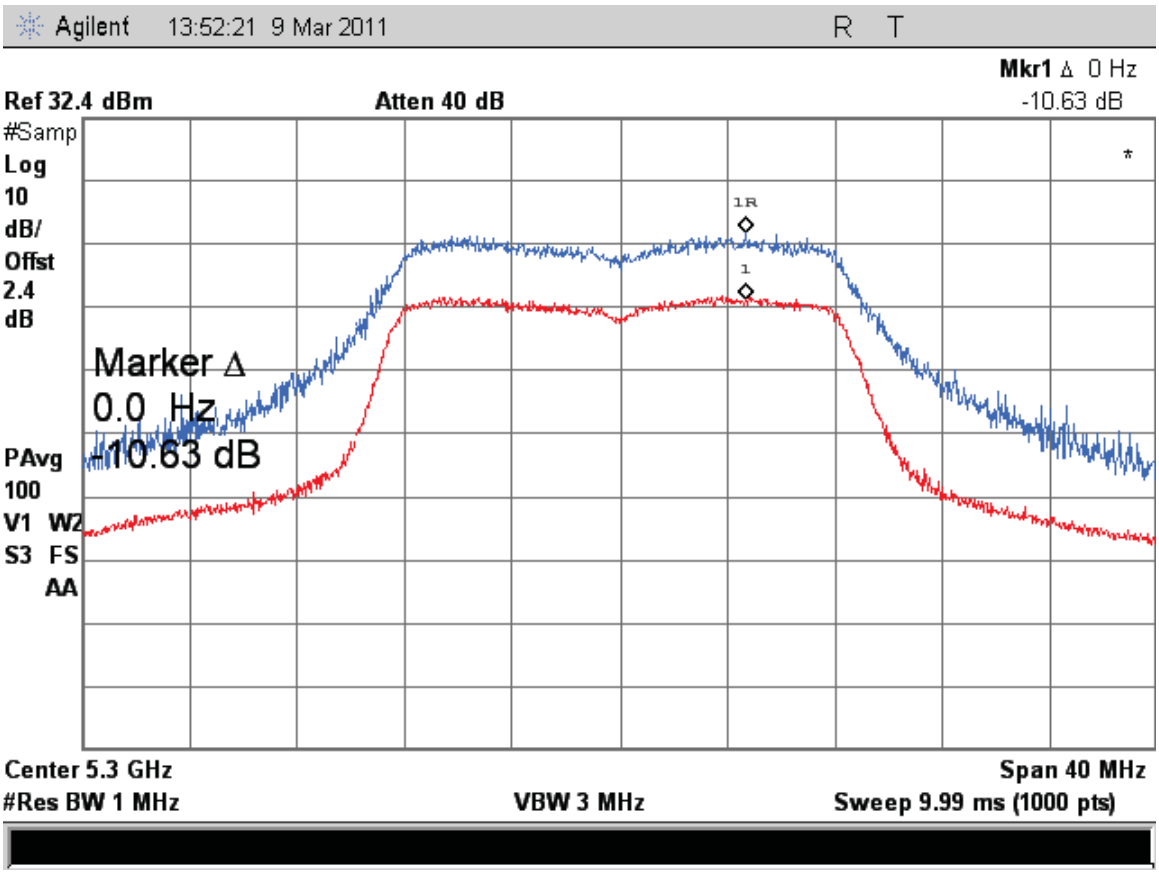


Figure 307: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

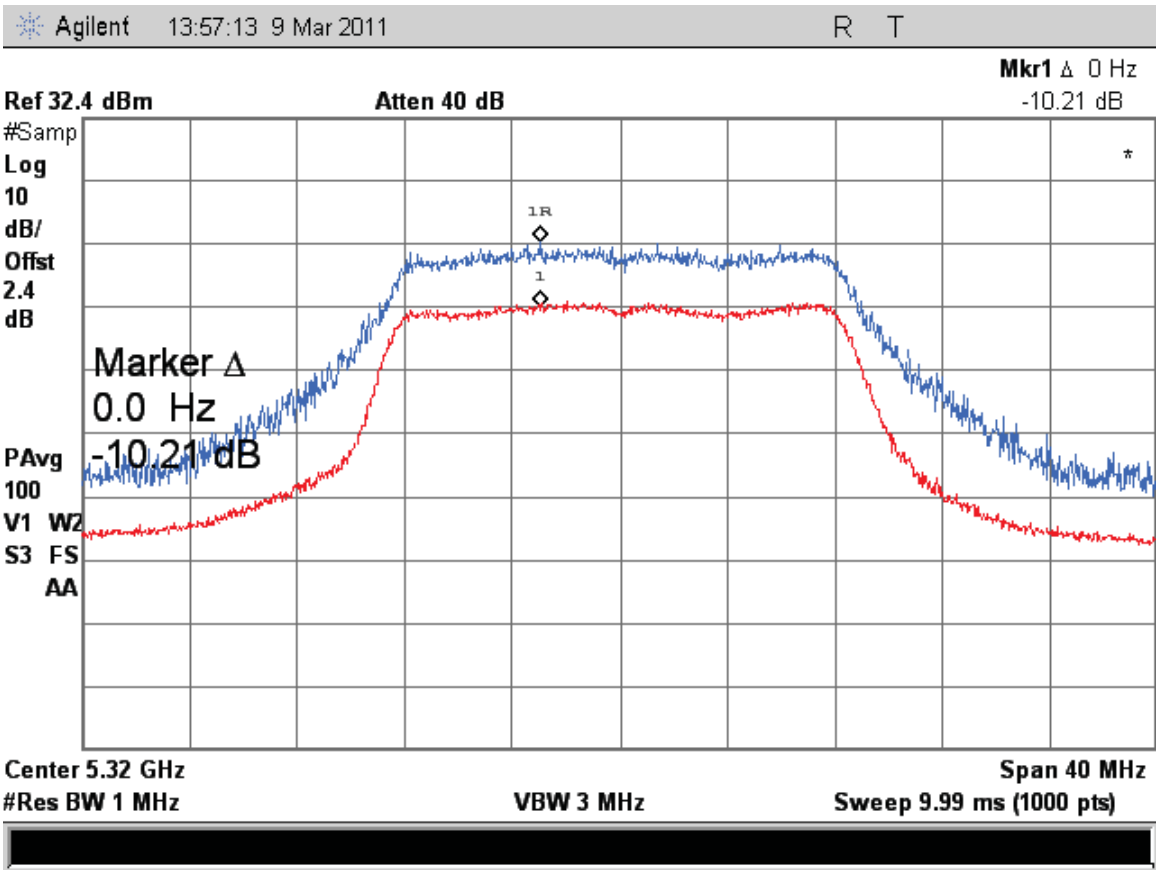


Figure 308: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

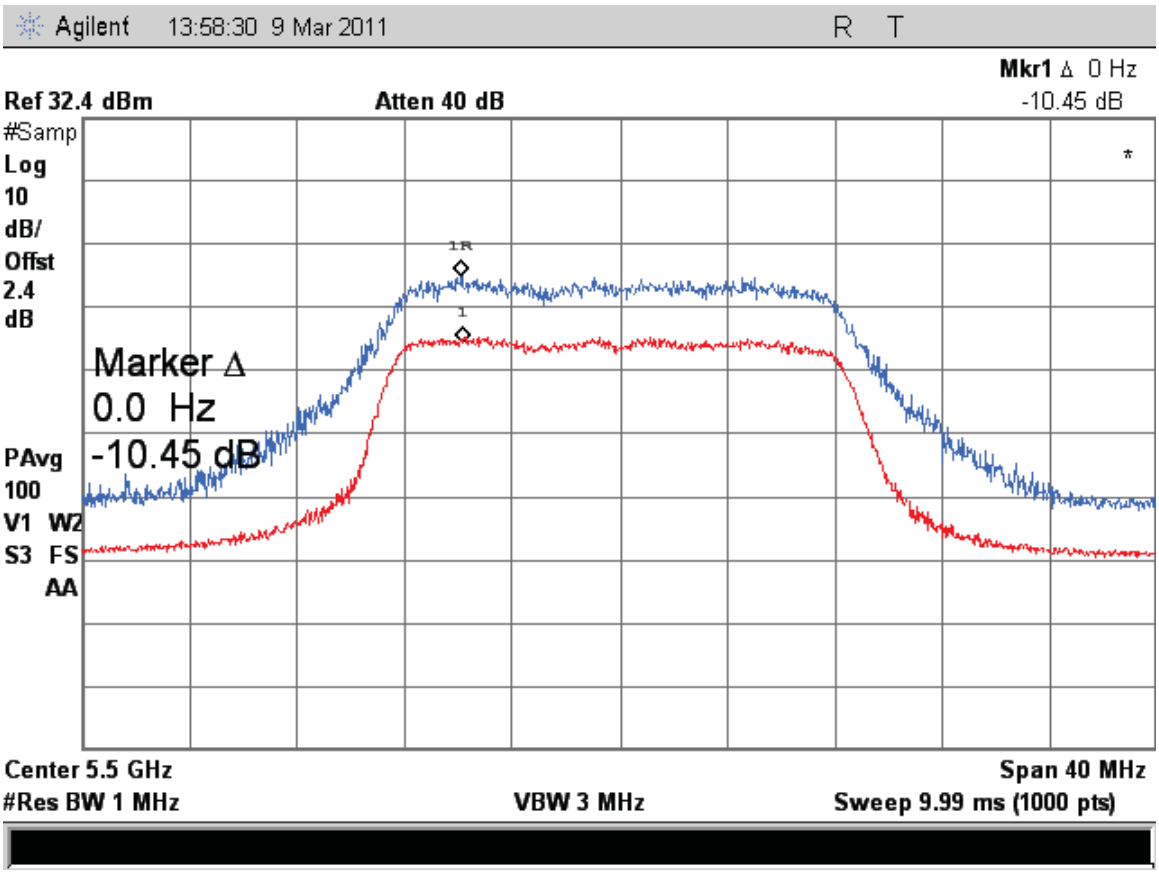


Figure 309: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

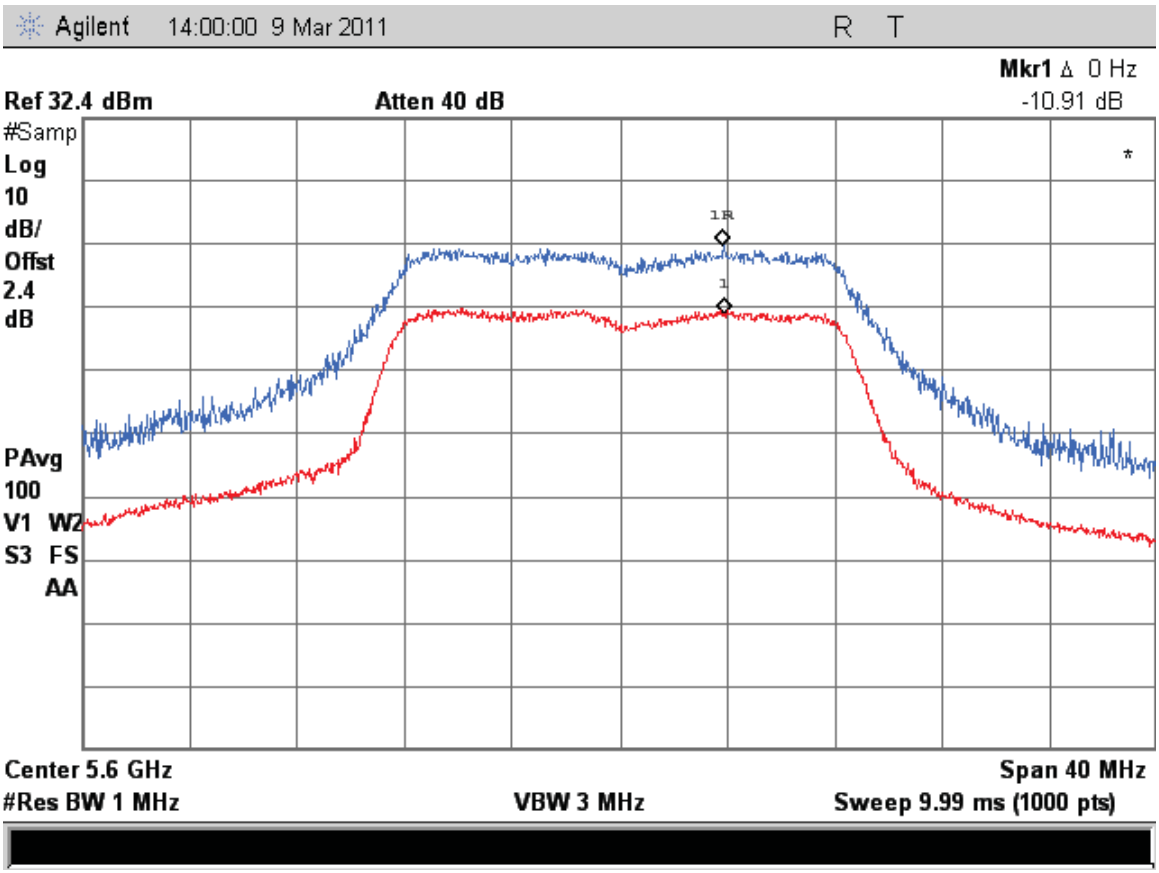


Figure 310: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

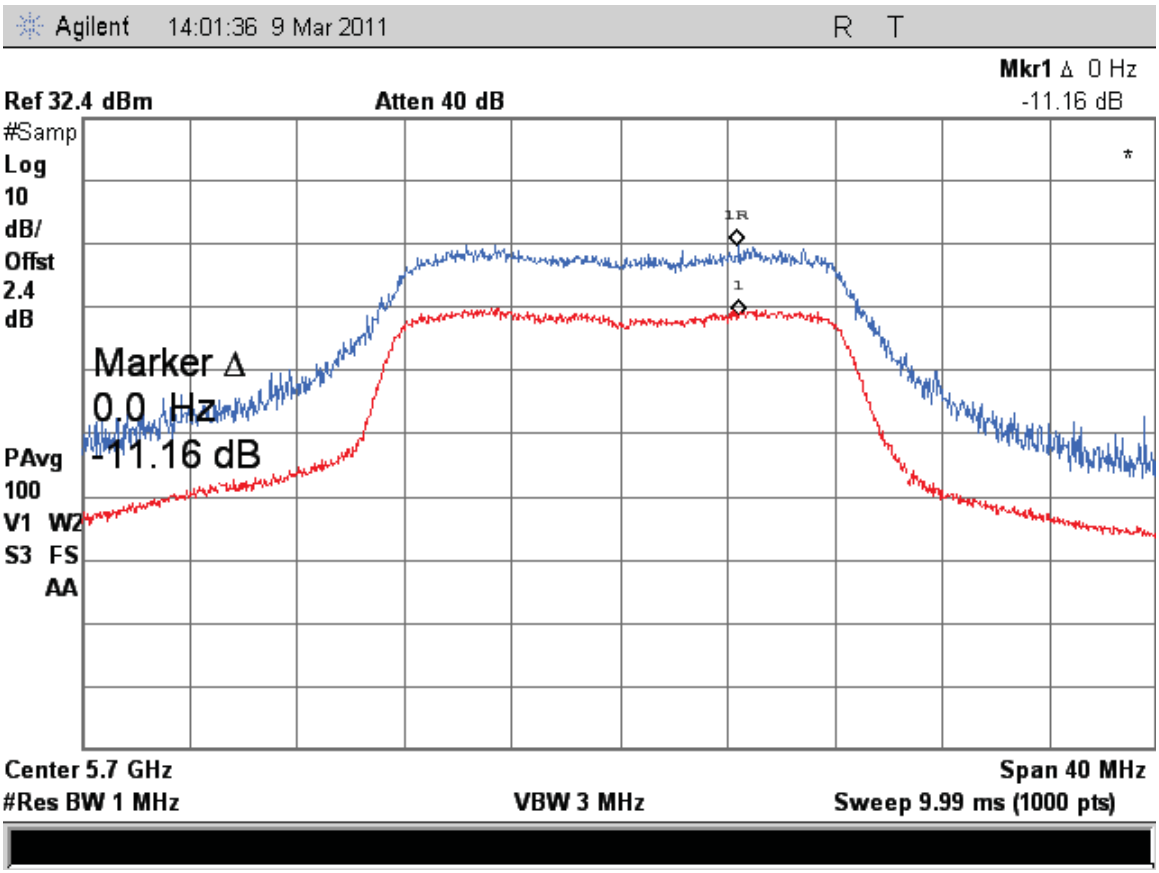


Figure 311: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 0 – 19.5Mbps

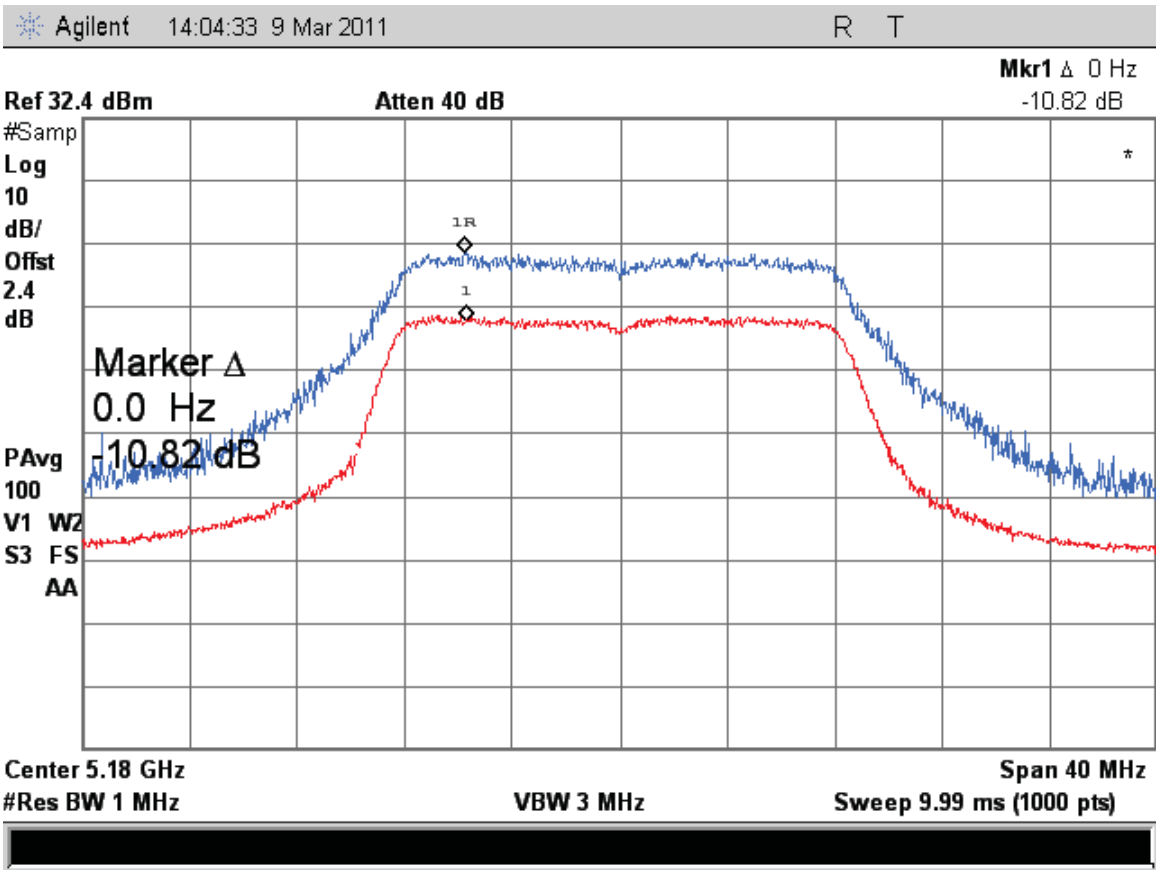


Figure 312: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

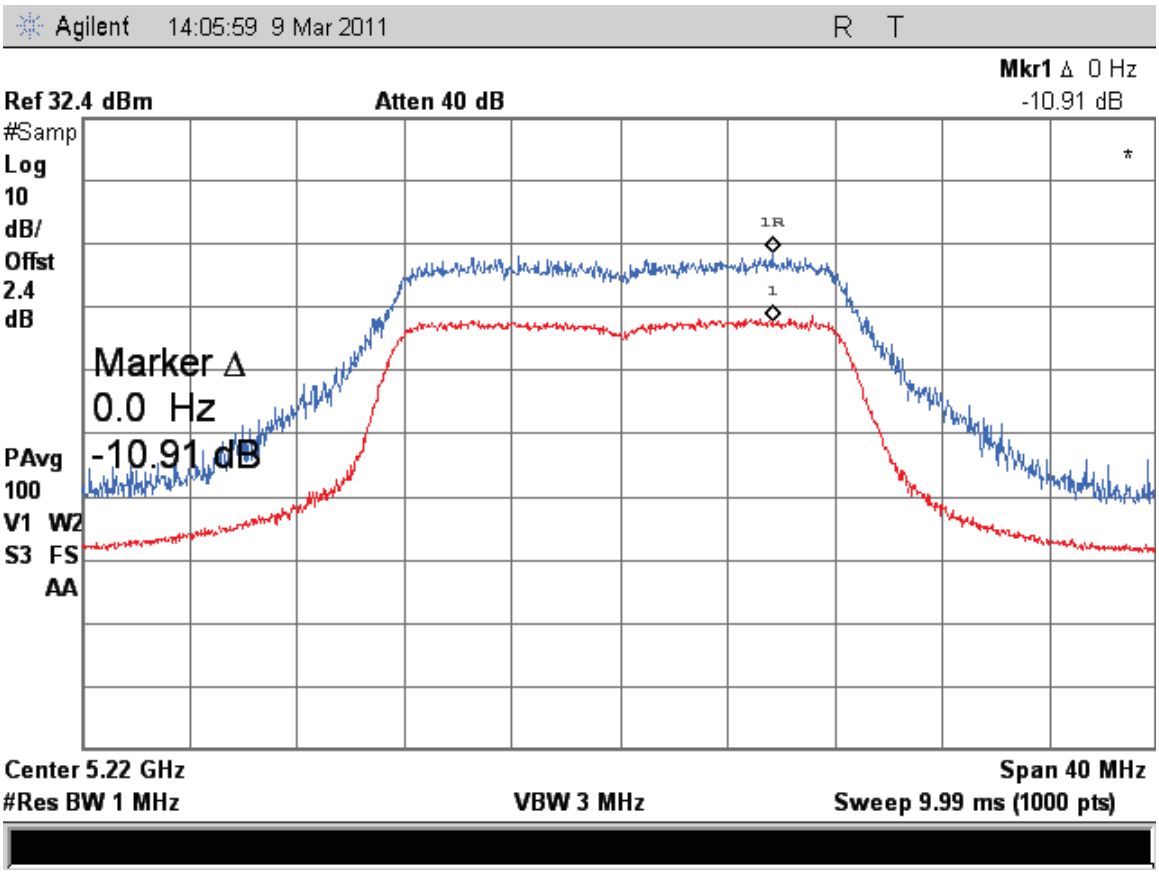


Figure 313: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

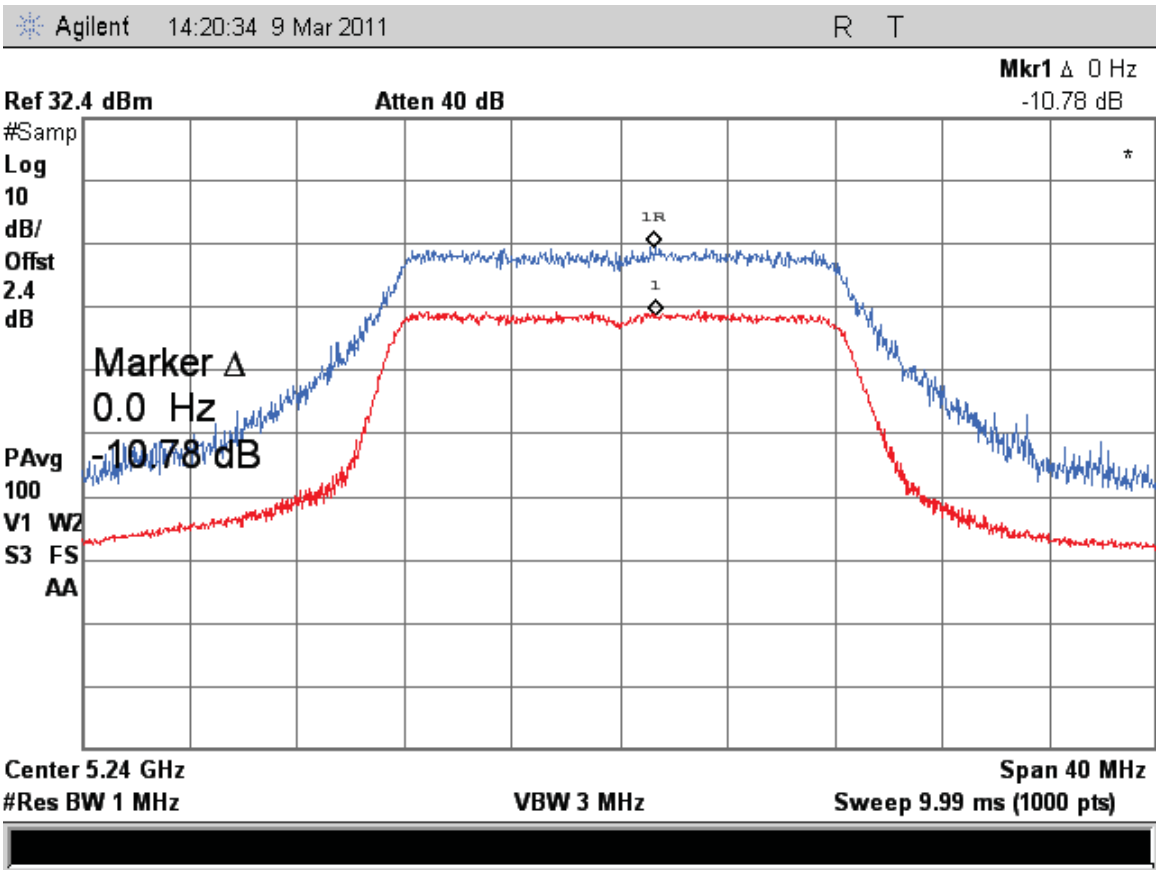


Figure 314: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

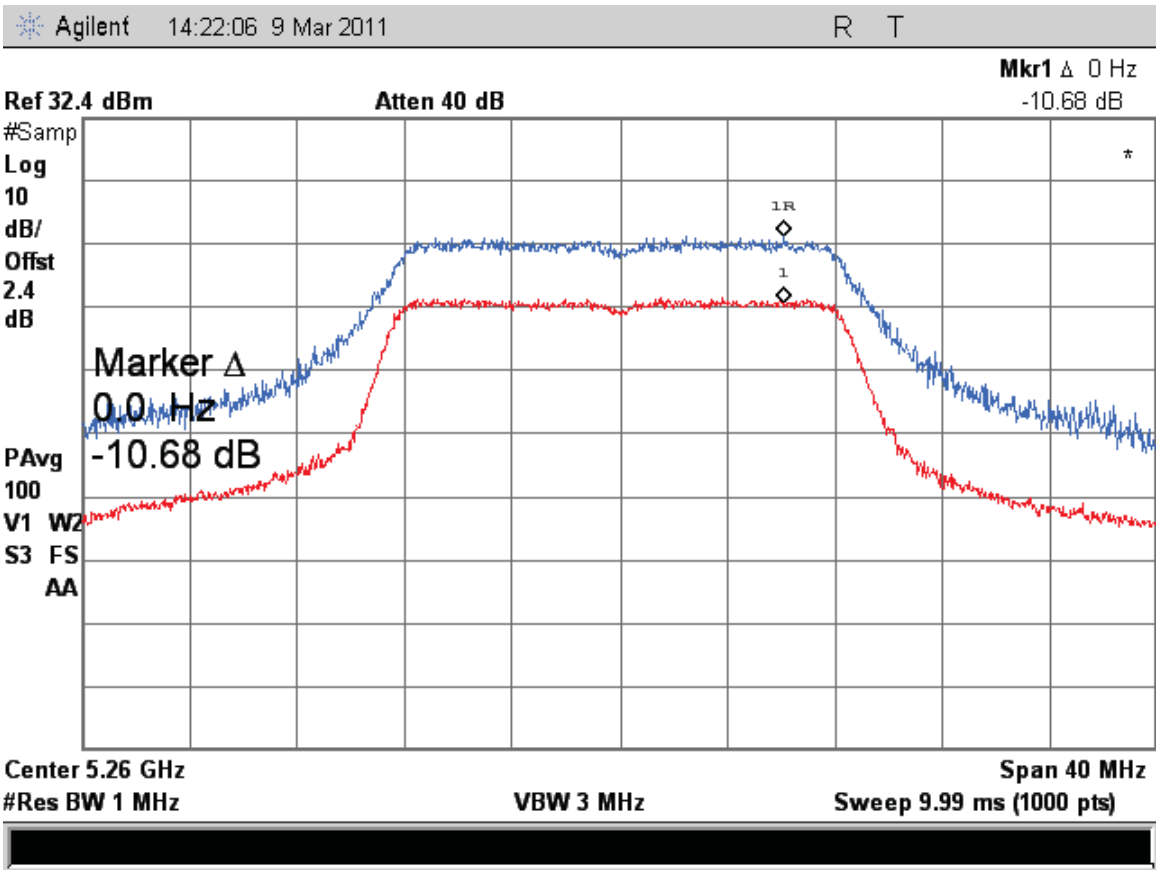


Figure 315: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

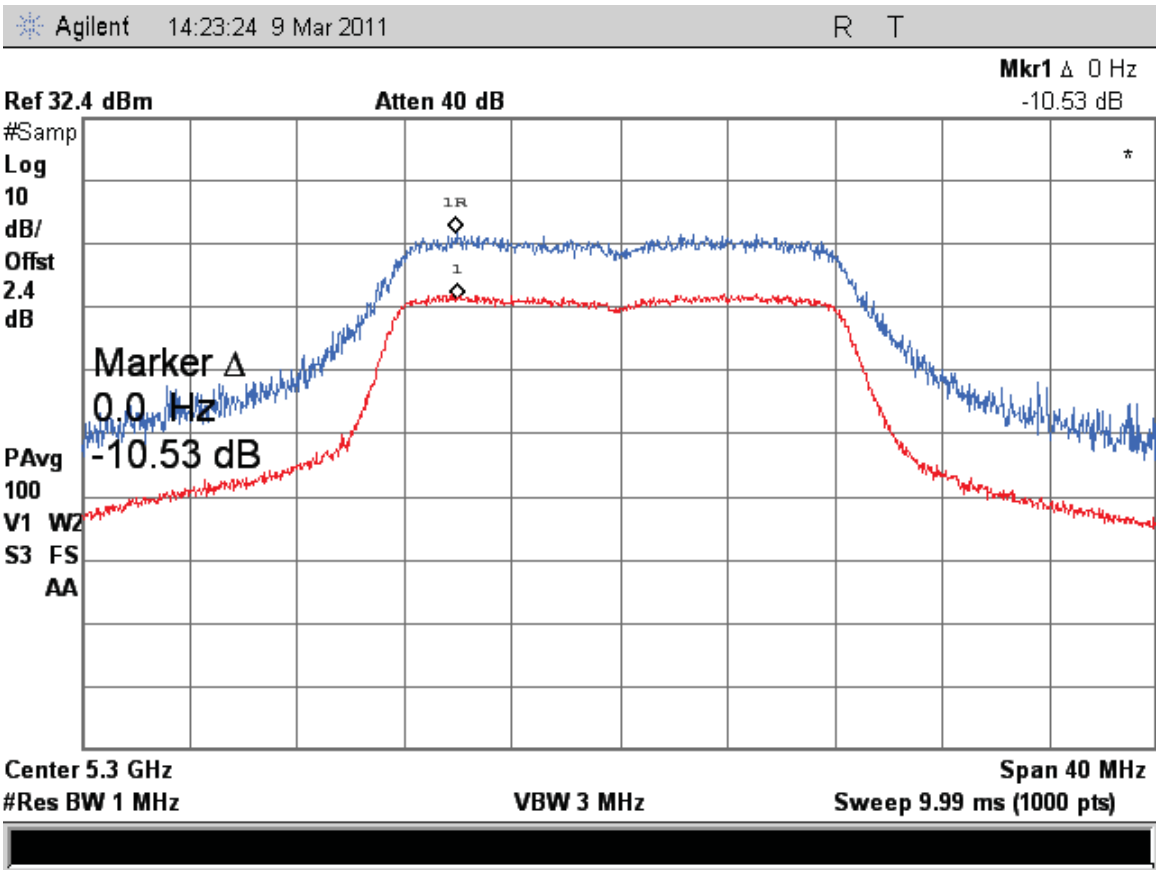


Figure 316: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

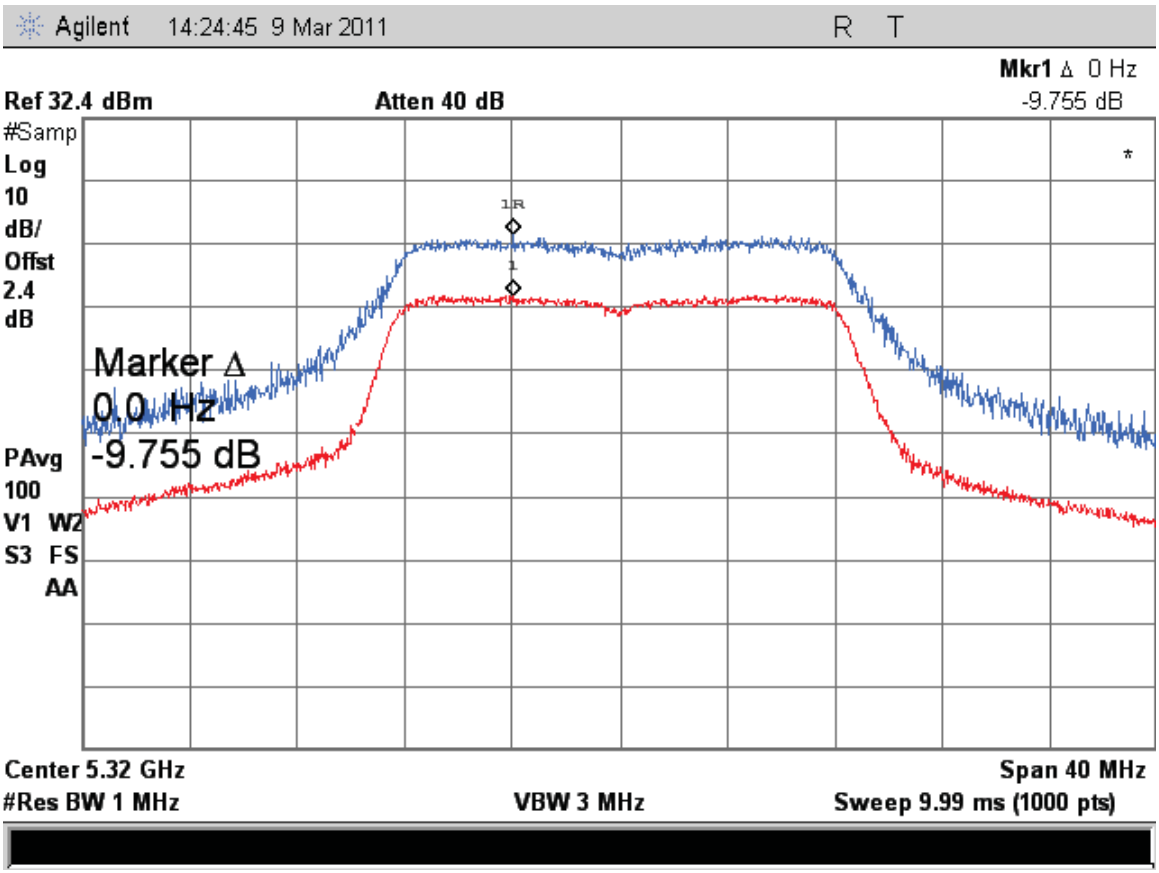


Figure 317: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

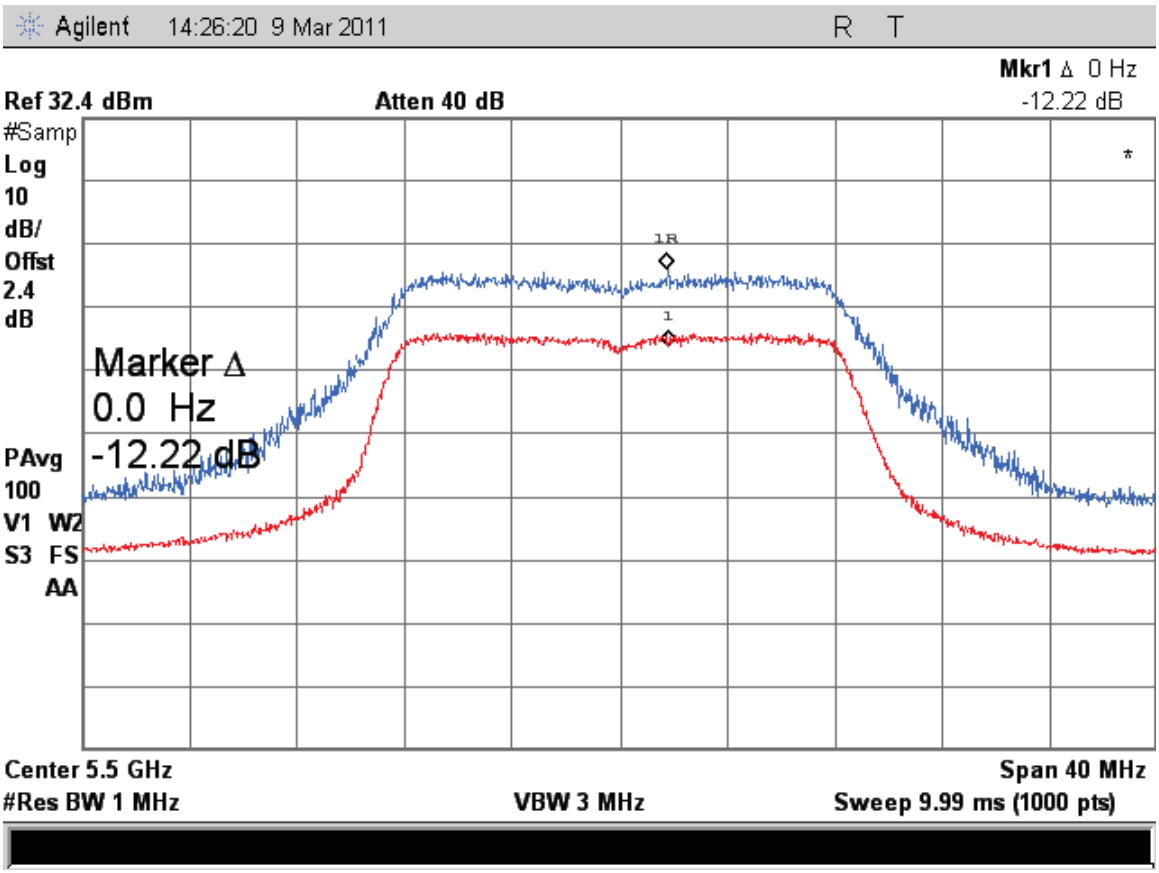


Figure 318: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

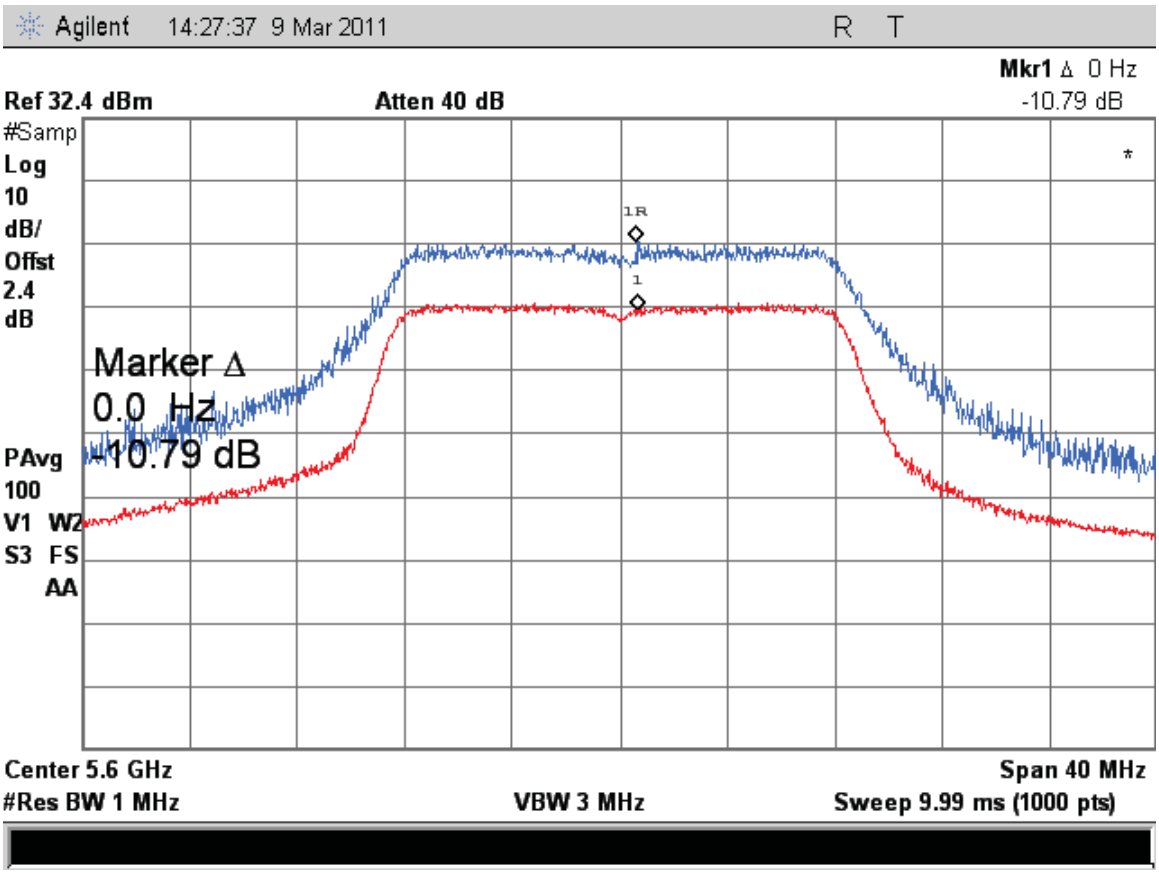


Figure 319: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

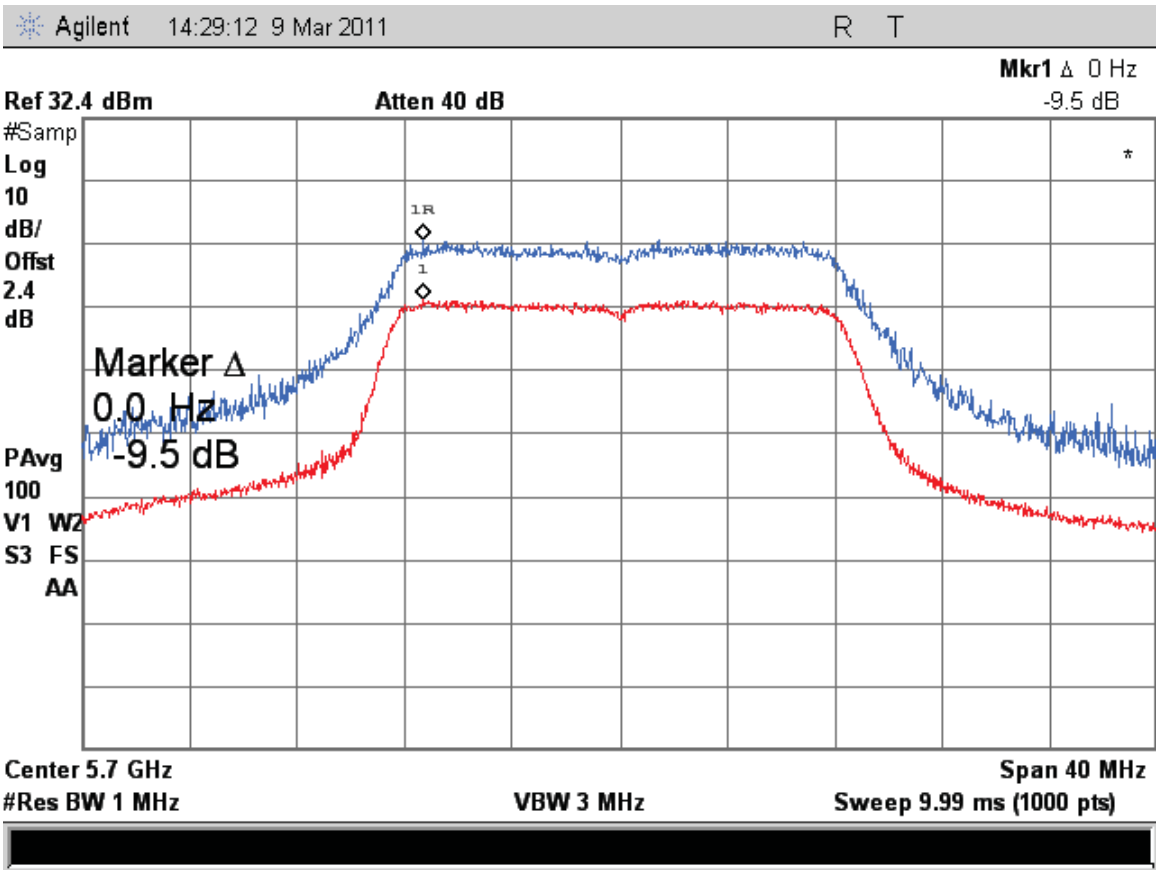


Figure 320: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 1 – 19.5Mbps

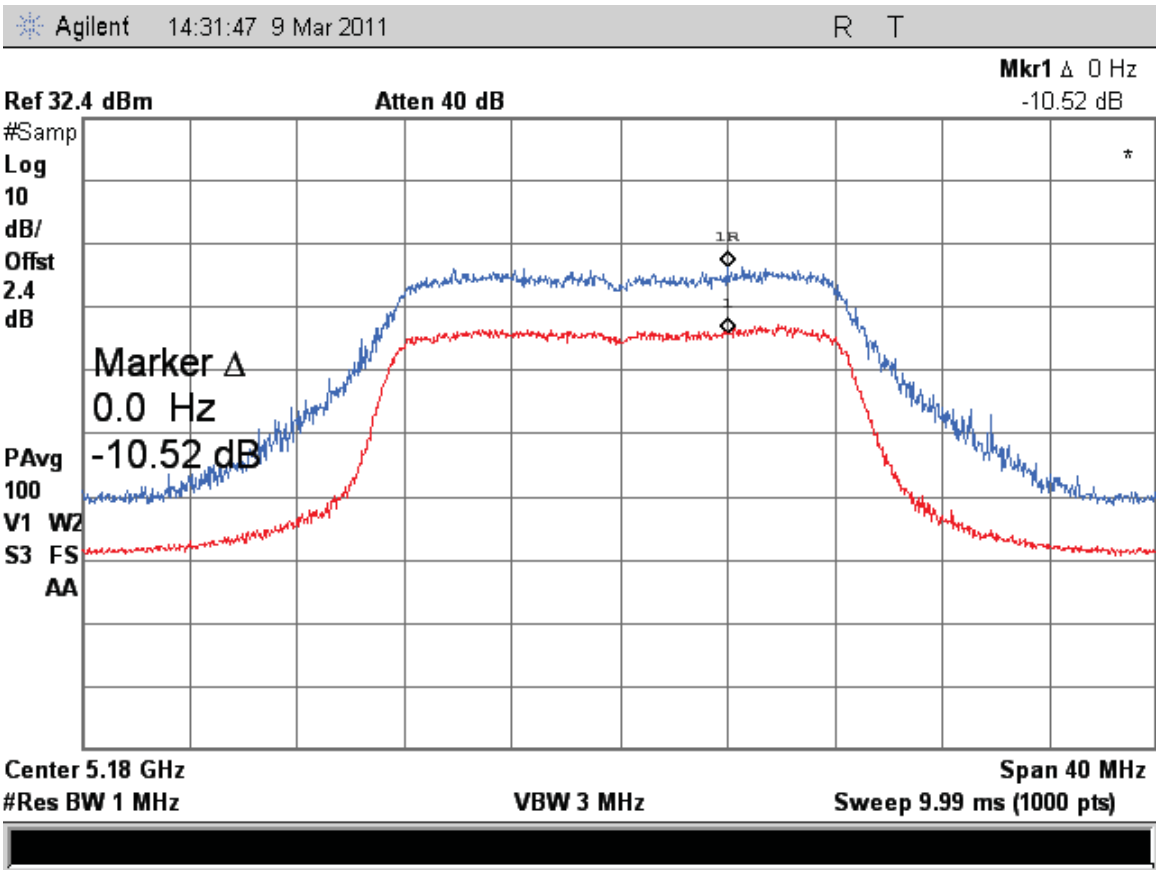


Figure 321: Peak Excursion, 5180 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

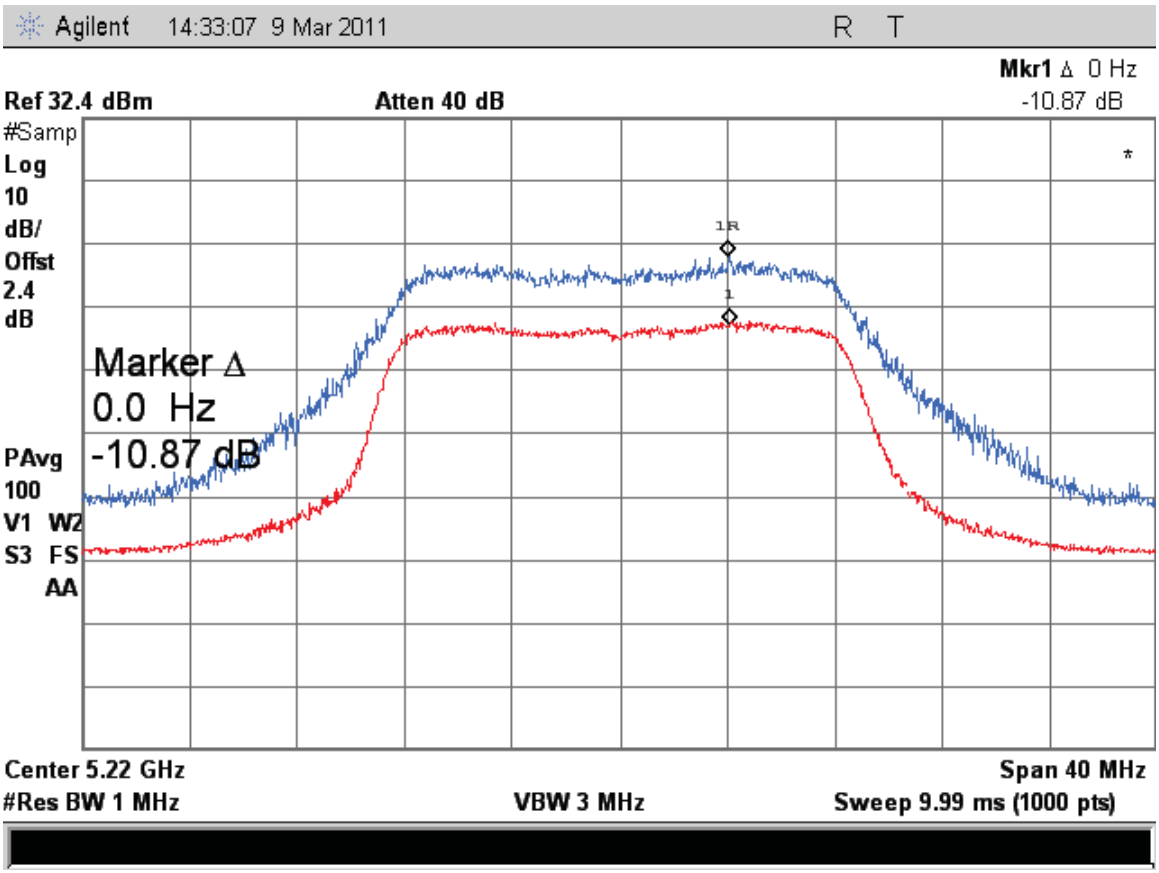


Figure 322: Peak Excursion, 5220 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

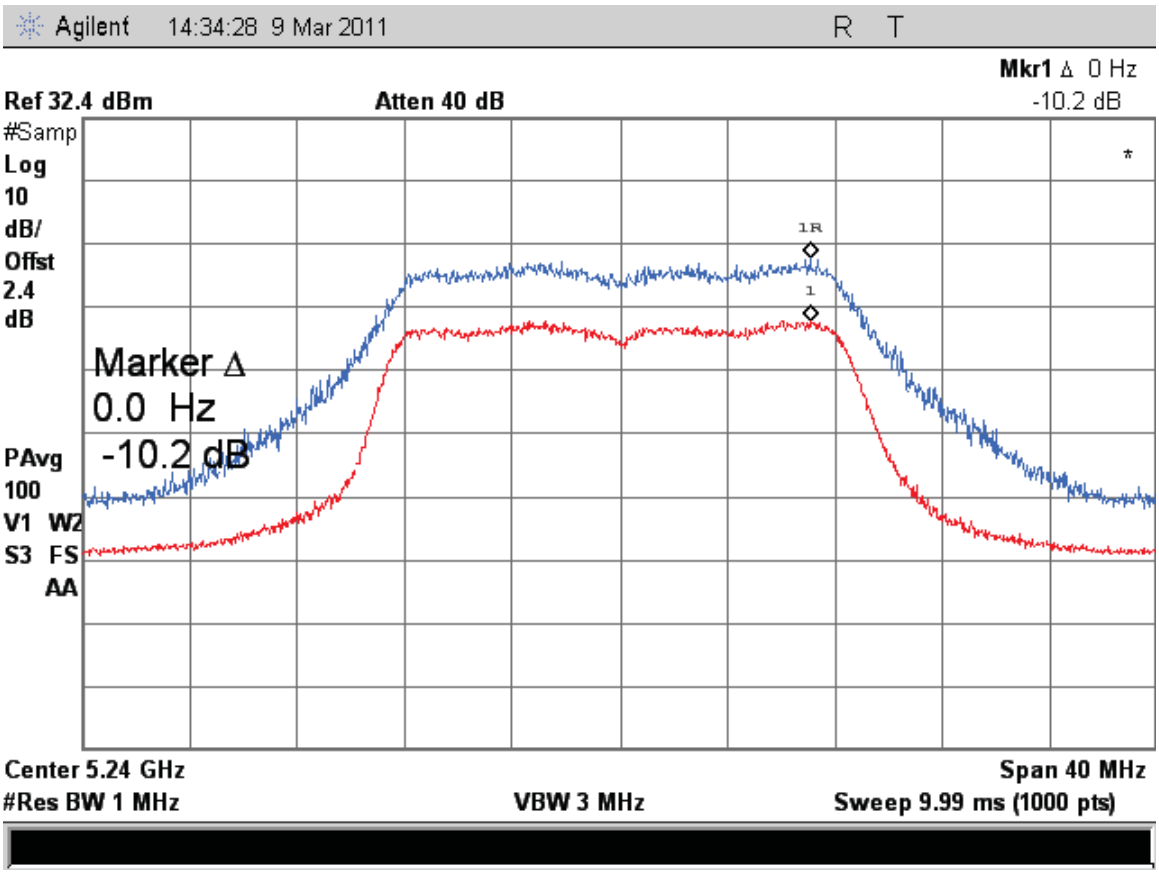


Figure 323: Peak Excursion, 5240 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

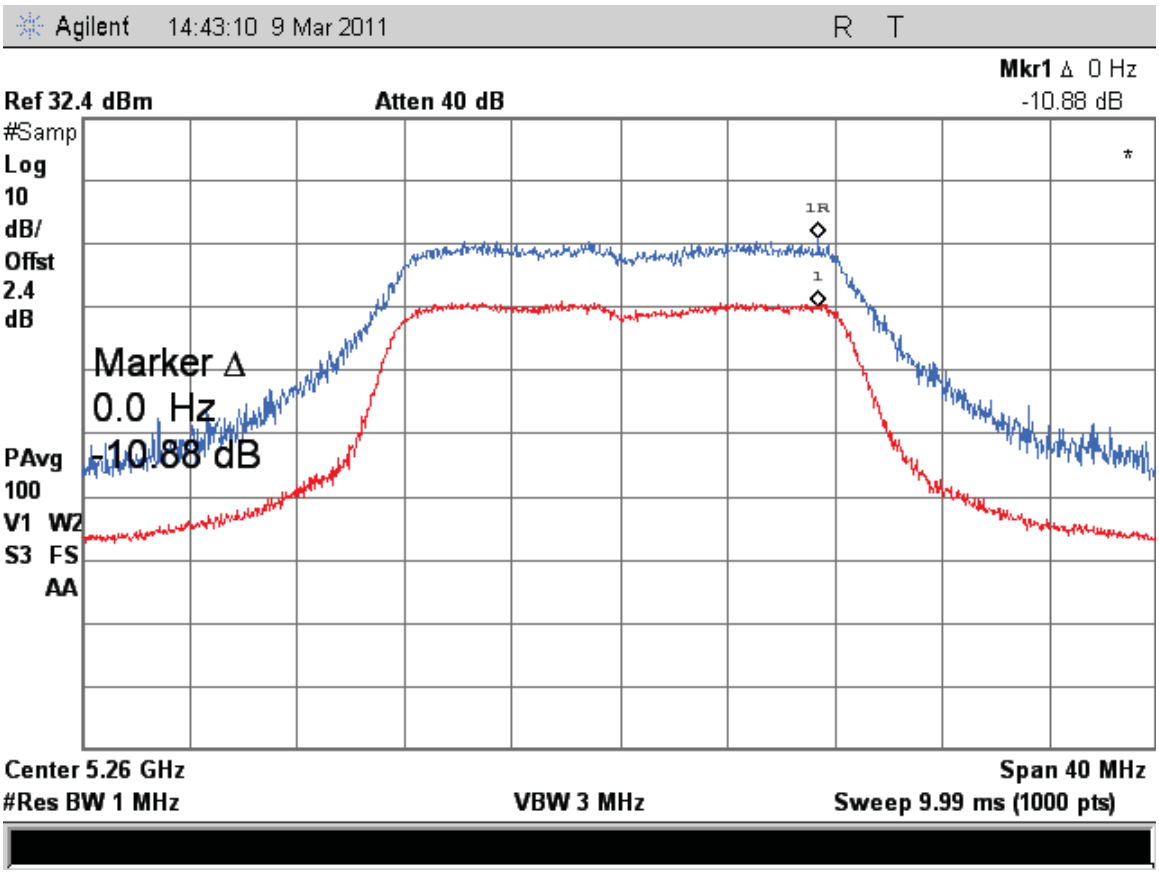


Figure 324: Peak Excursion, 5260 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

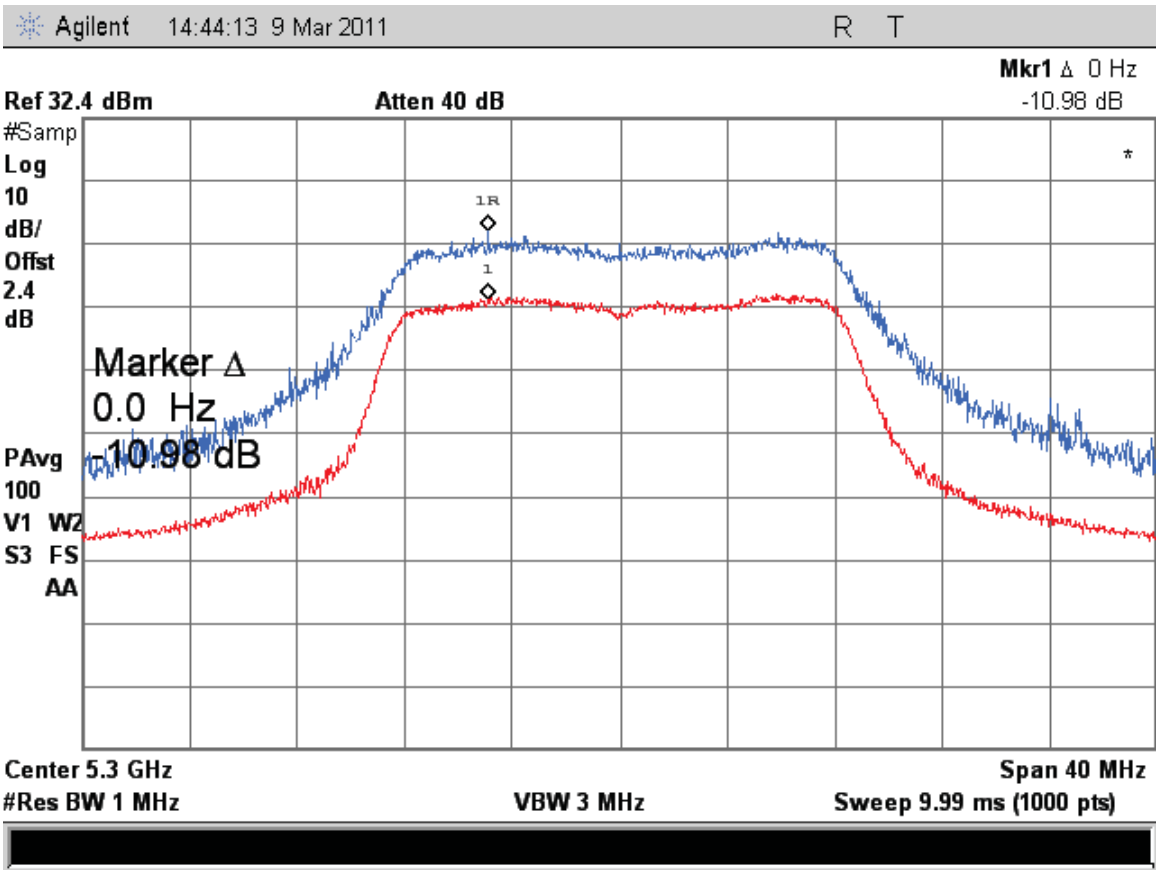


Figure 325: Peak Excursion, 5300 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

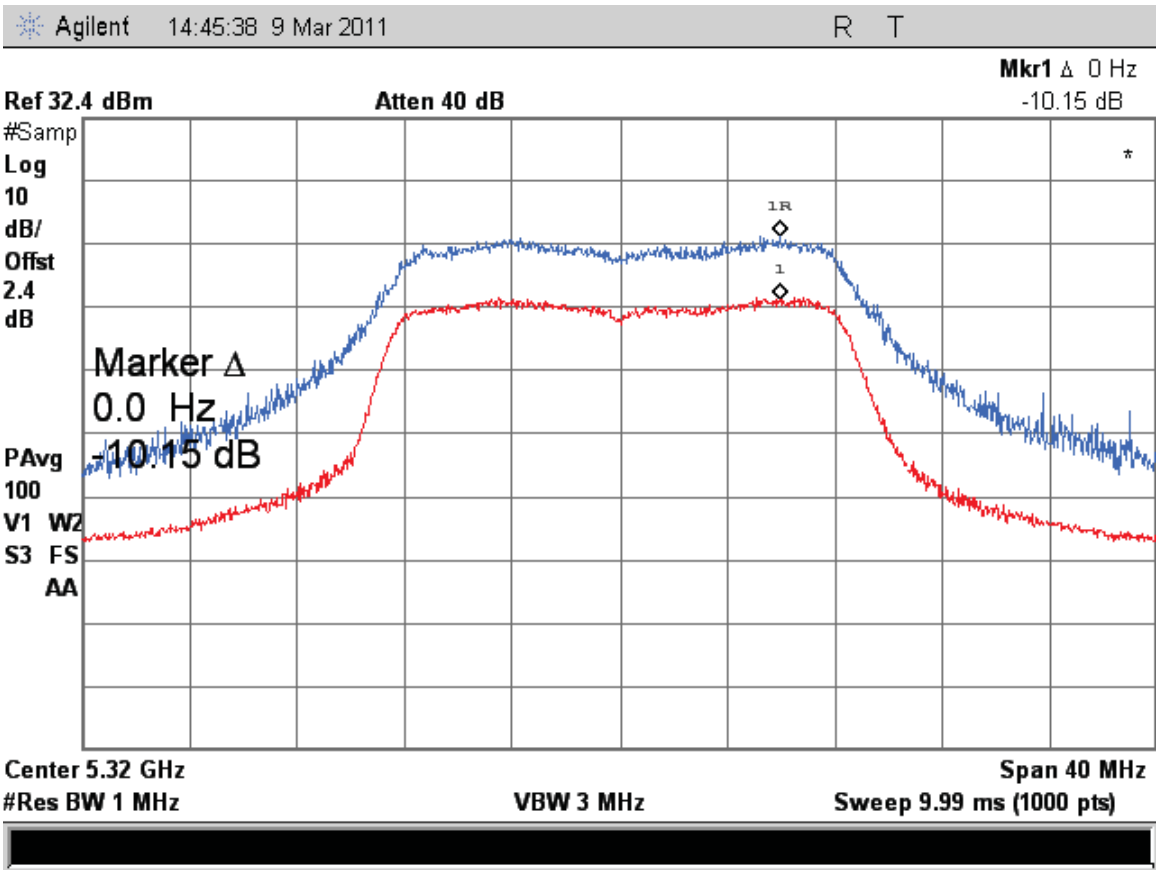


Figure 326: Peak Excursion, 5320 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

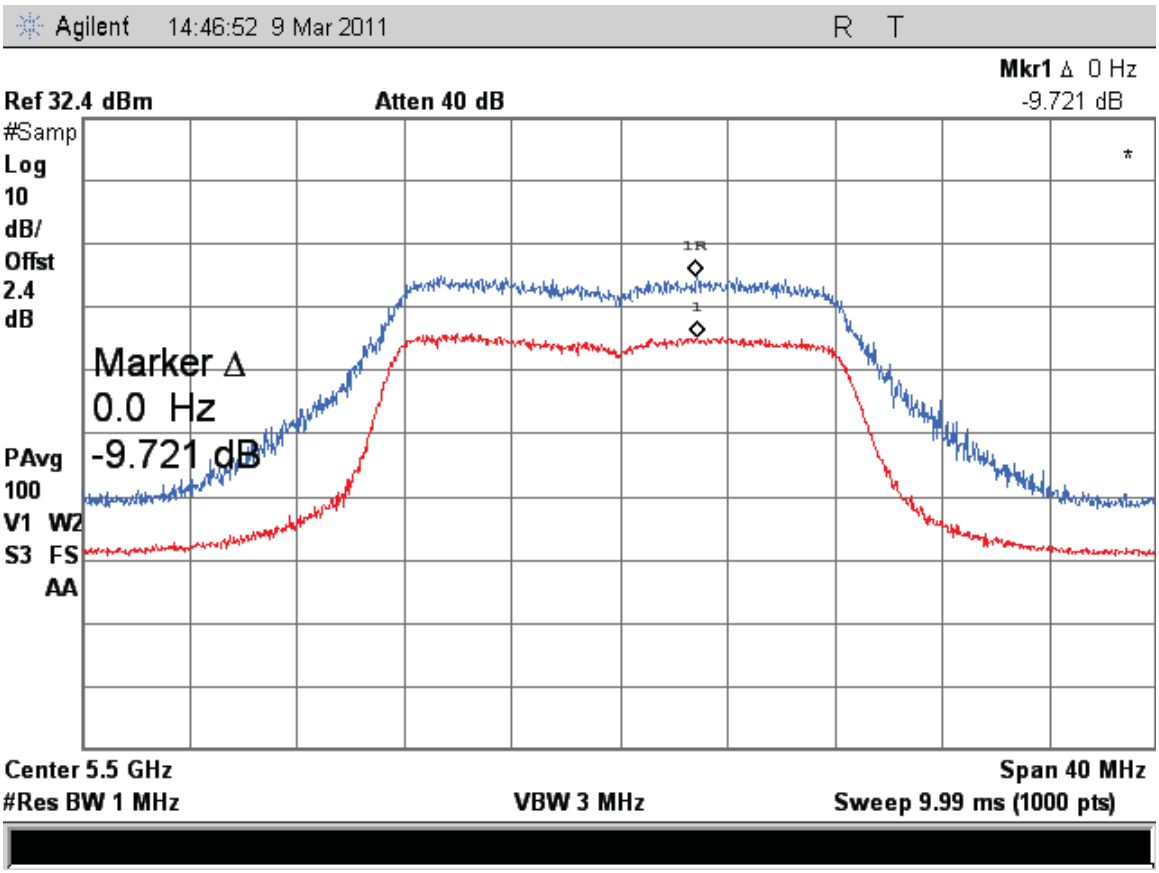


Figure 327: Peak Excursion, 5500 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

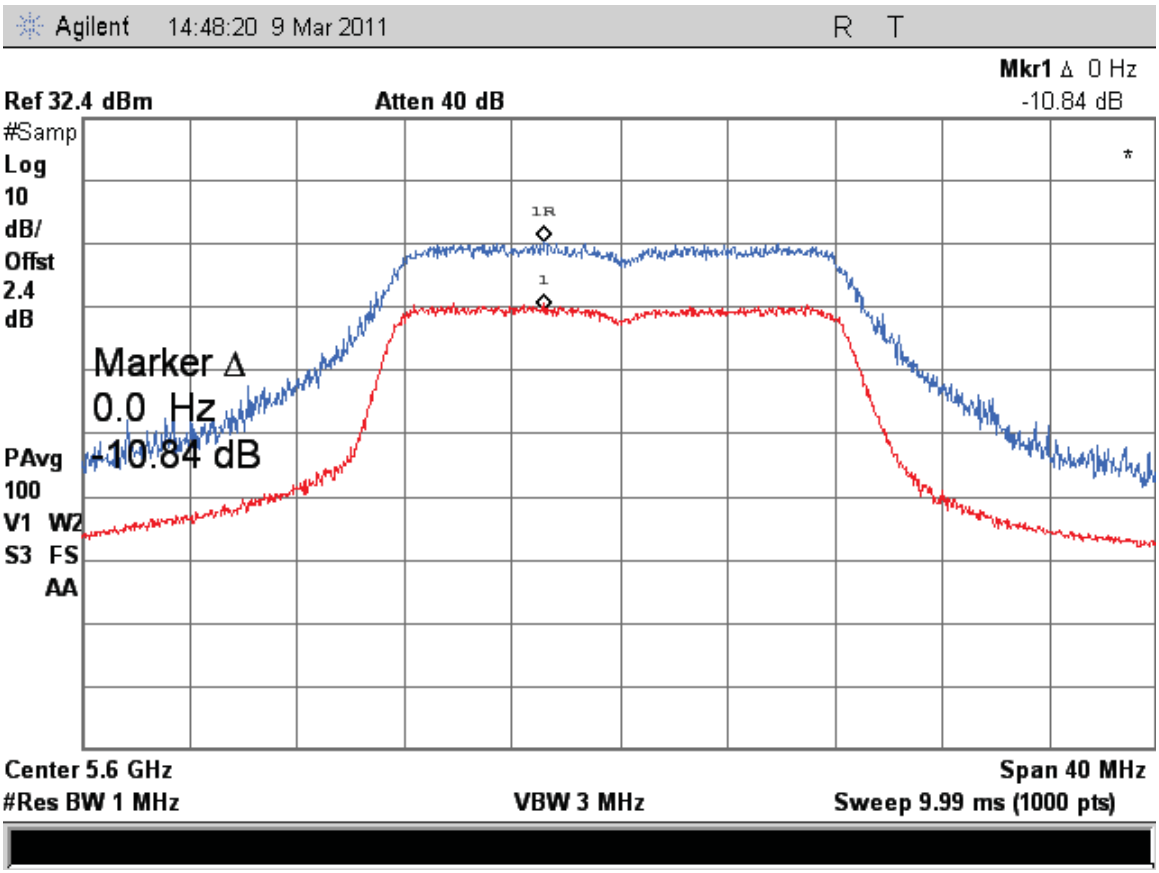


Figure 328: Peak Excursion, 5600 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

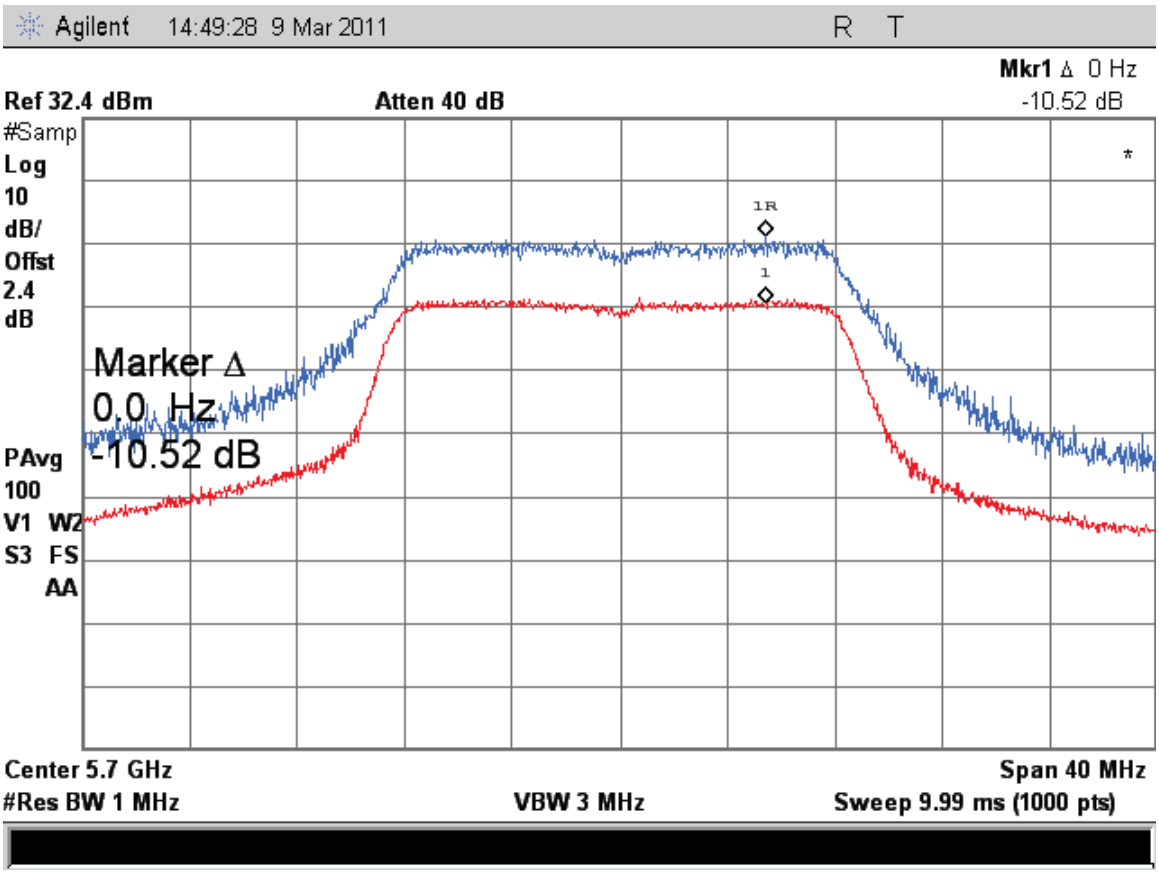


Figure 329: Peak Excursion, 5700 MHz at 802.11n (HT20), Chain 2 – 19.5Mbps

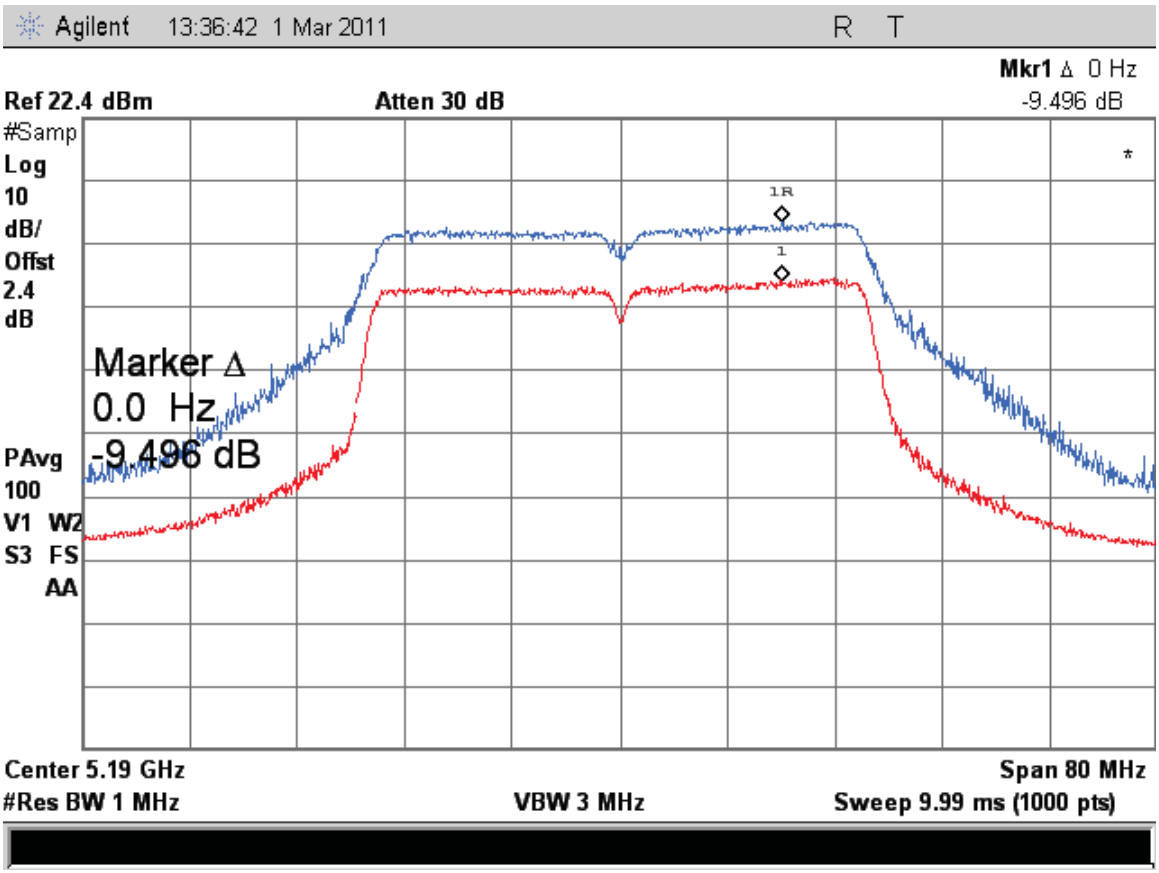


Figure 330: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

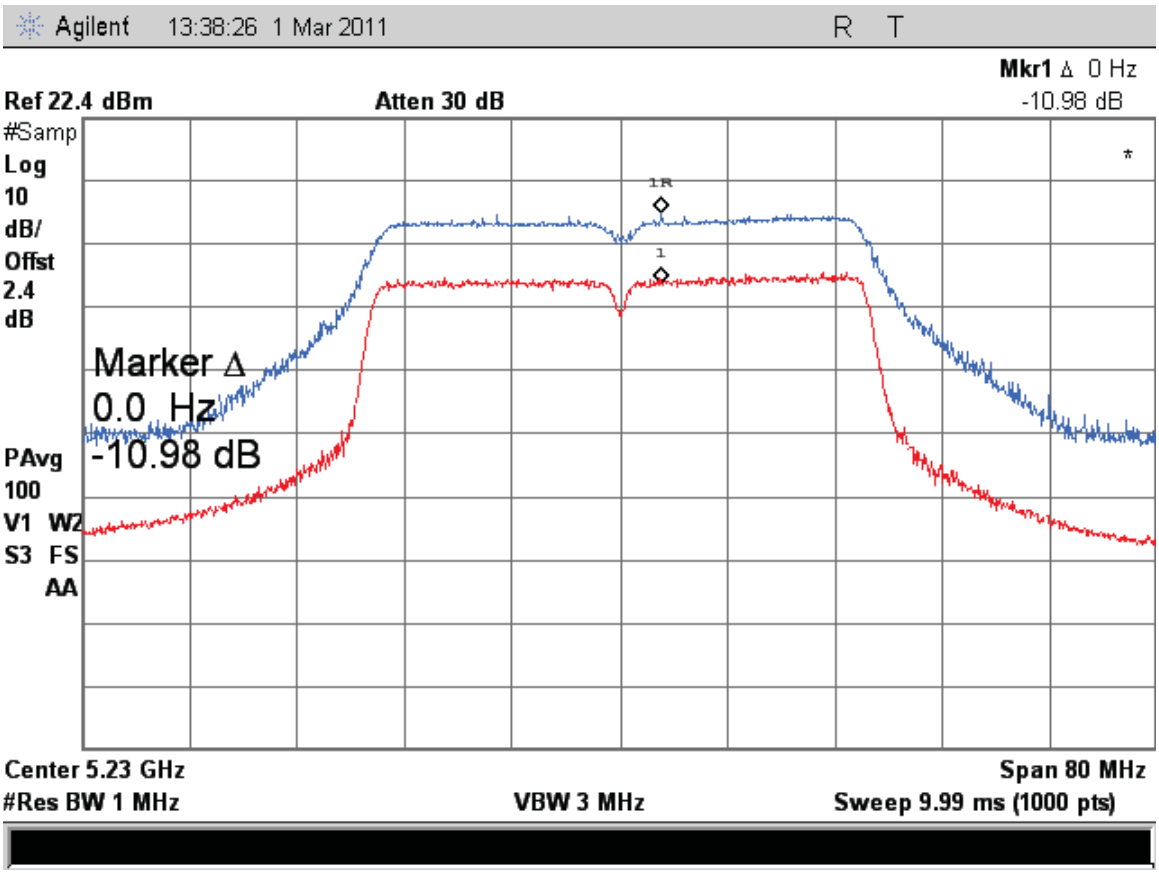


Figure 331: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

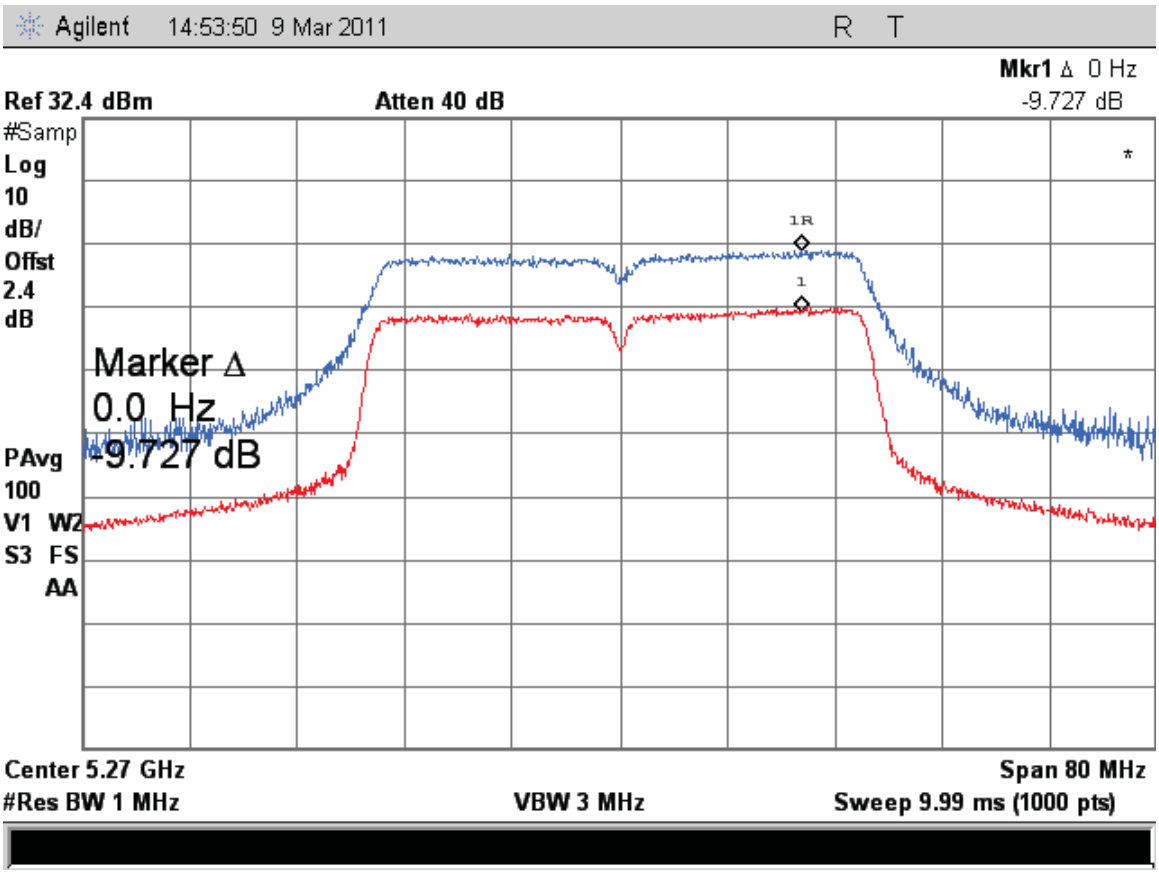


Figure 332: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

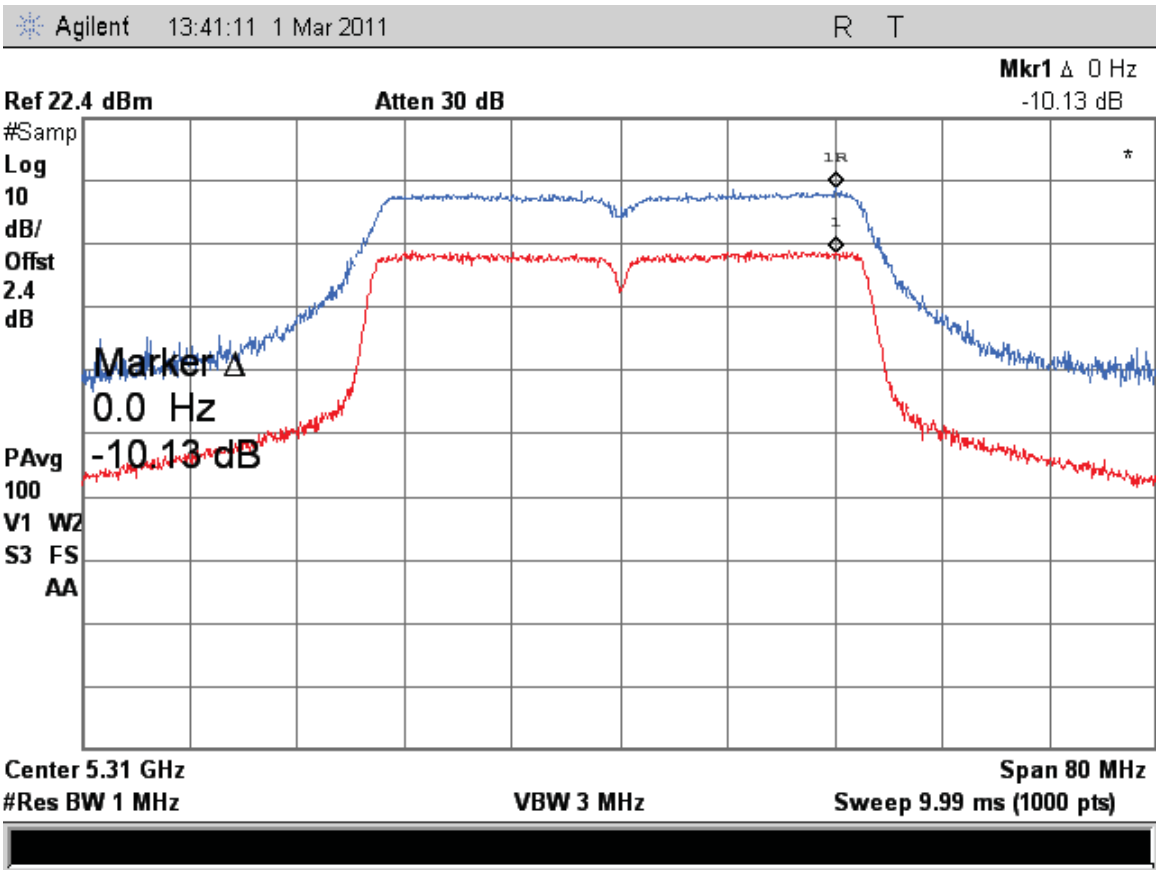


Figure 333: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

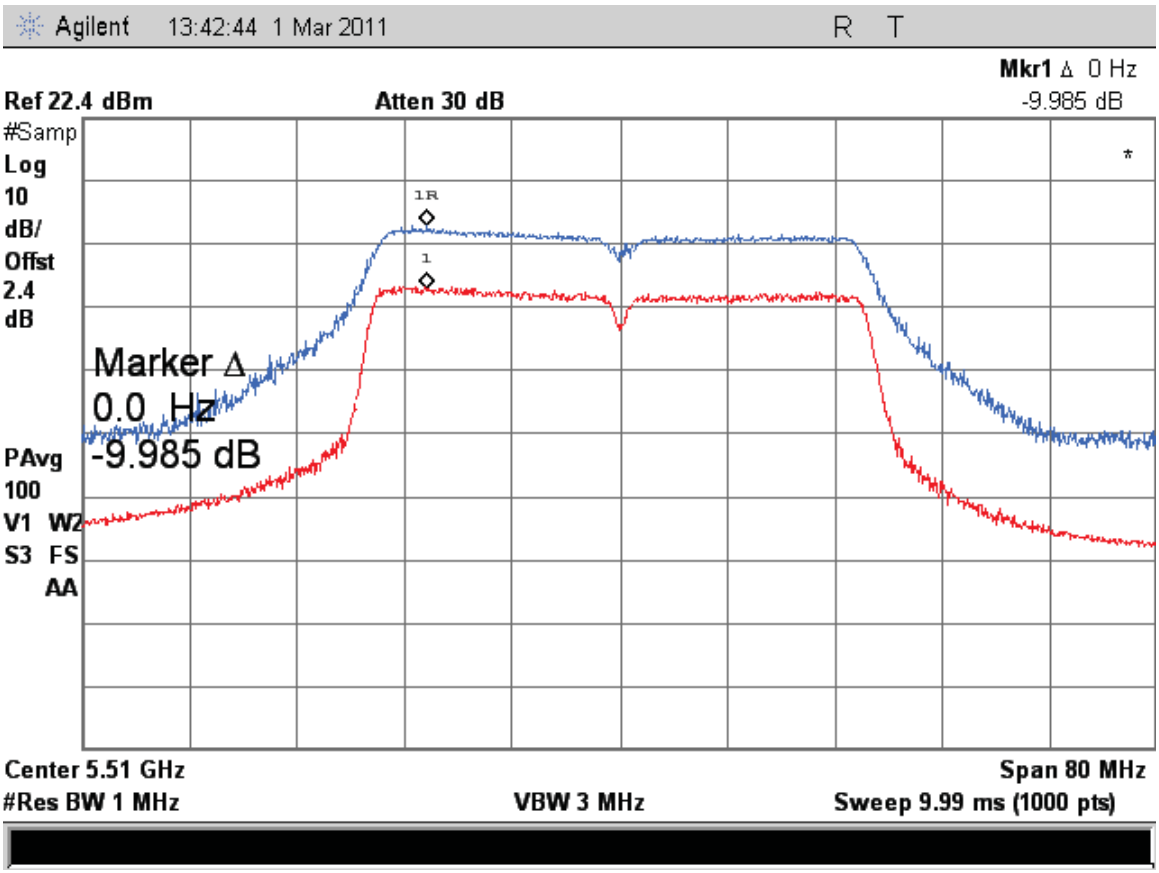


Figure 334: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

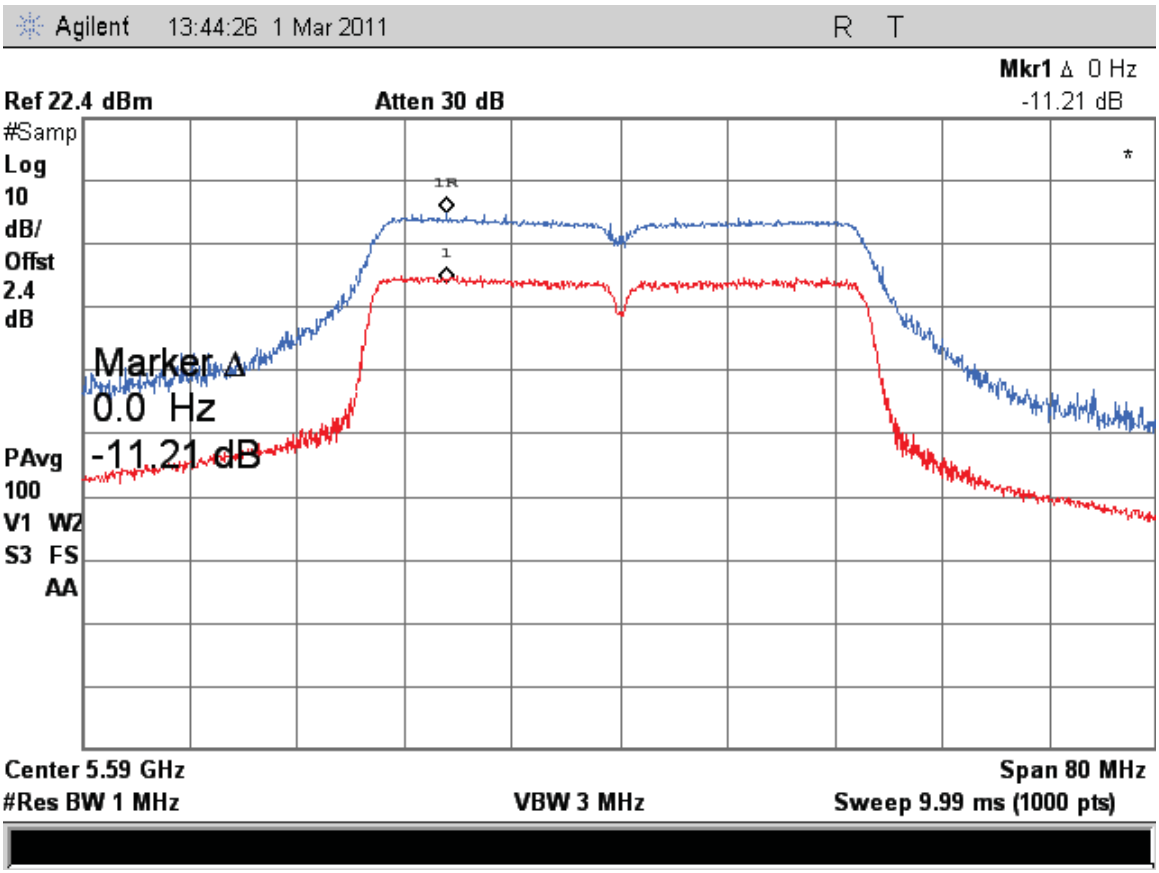


Figure 335: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

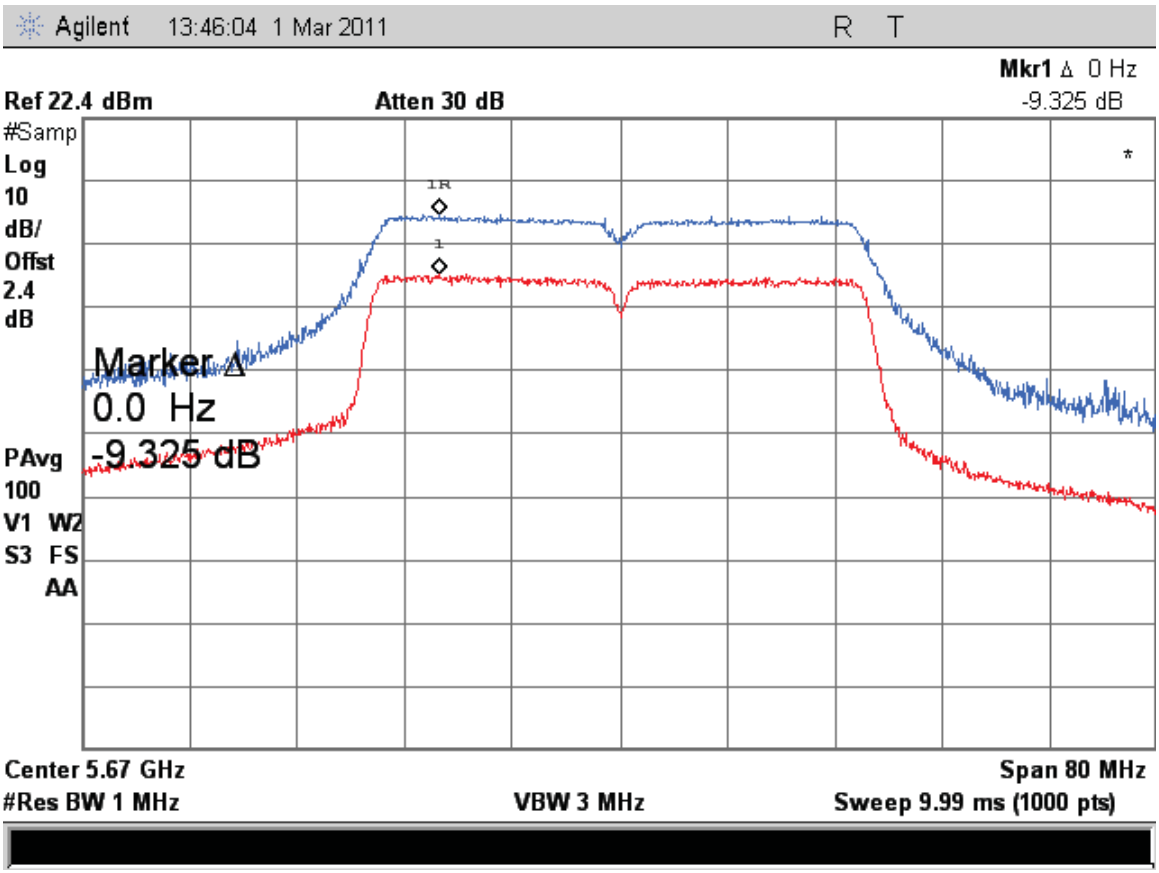


Figure 336: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 0 – 13.5Mbps

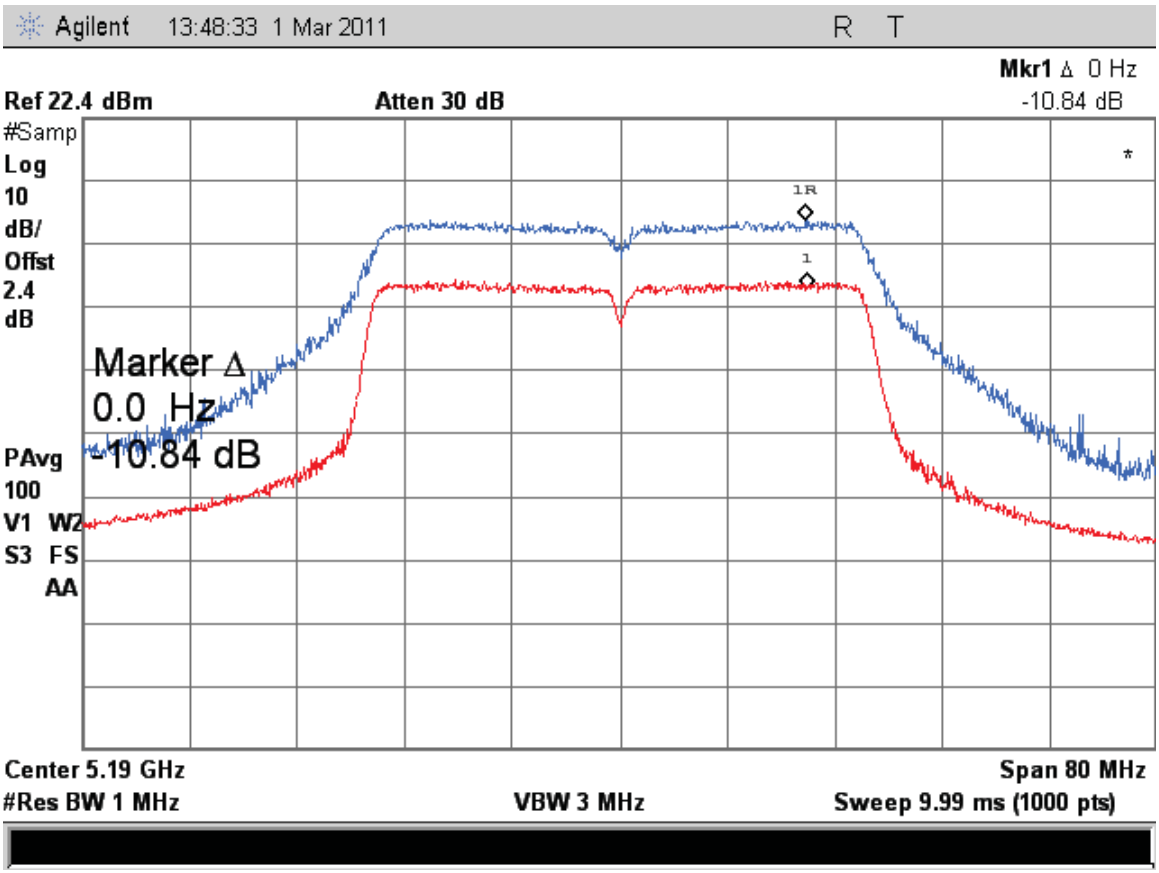


Figure 337: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

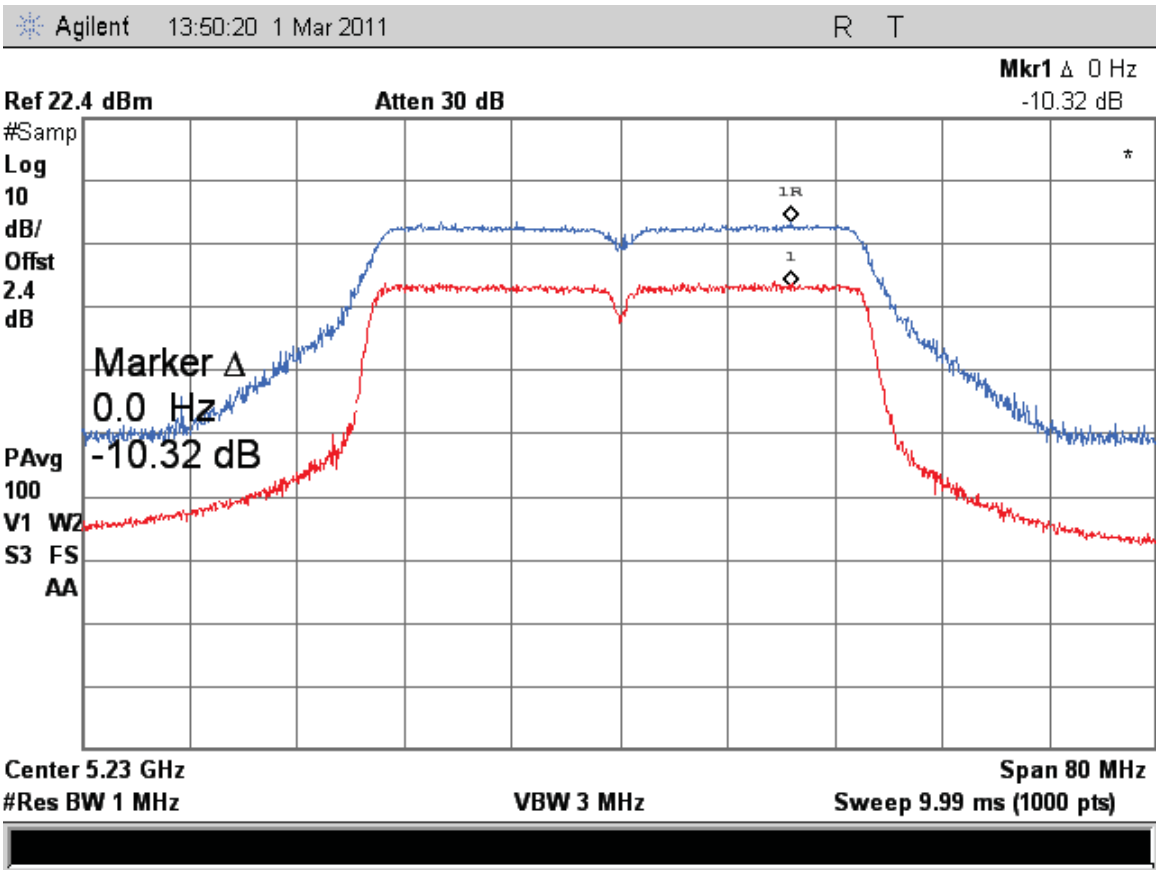


Figure 338: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

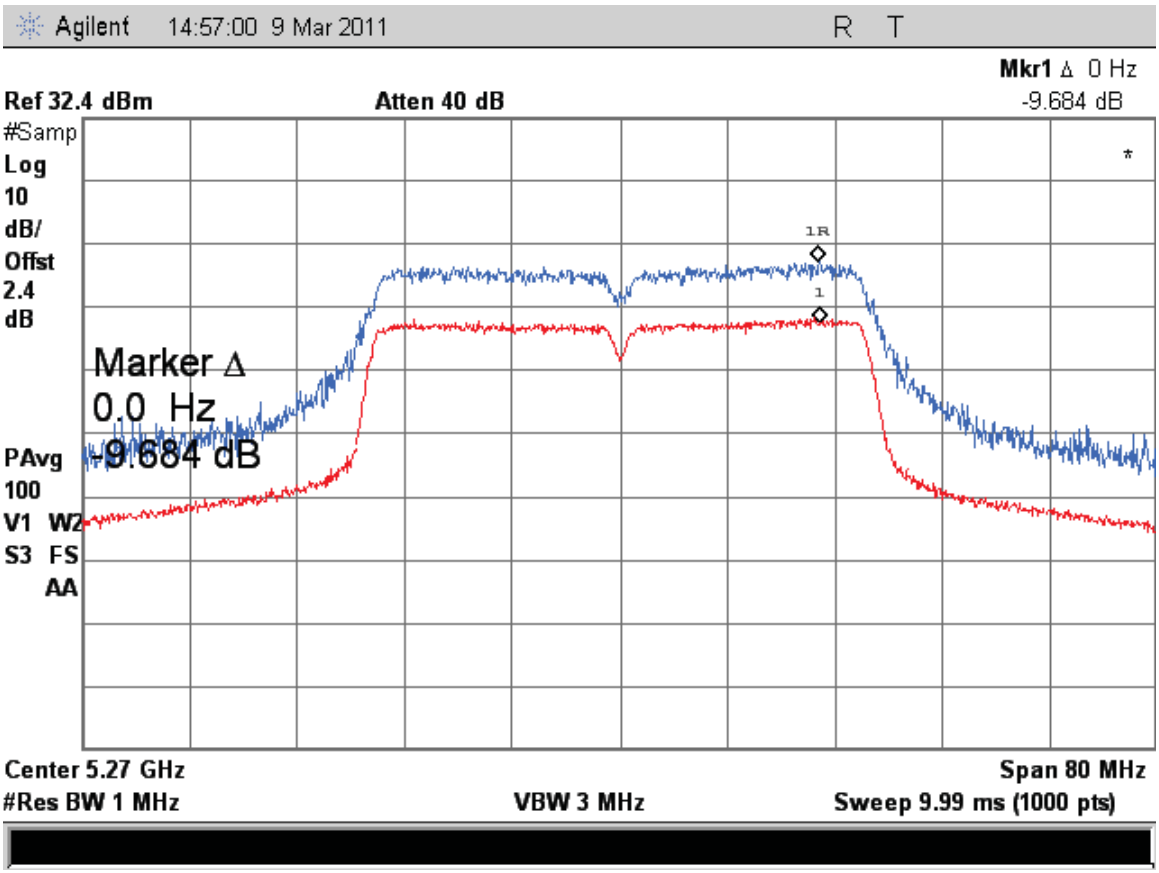


Figure 339: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

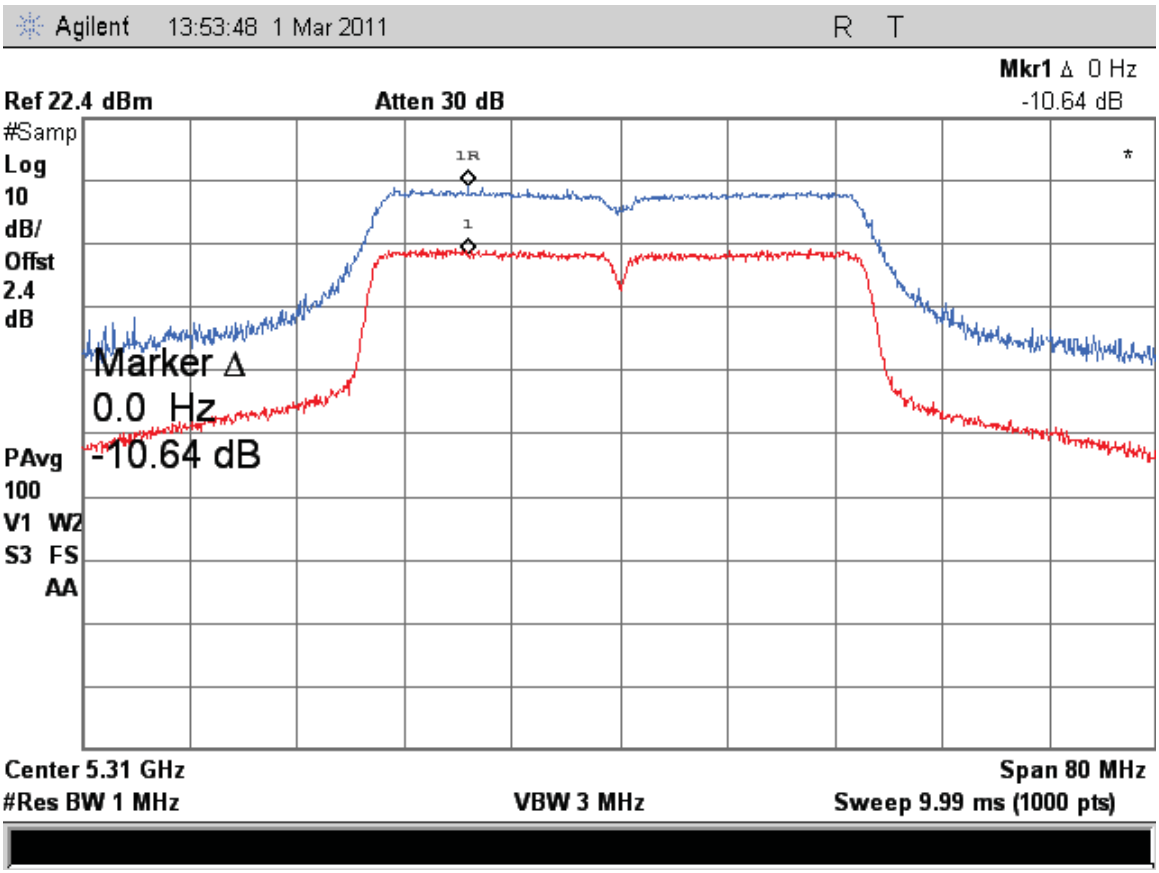


Figure 340: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

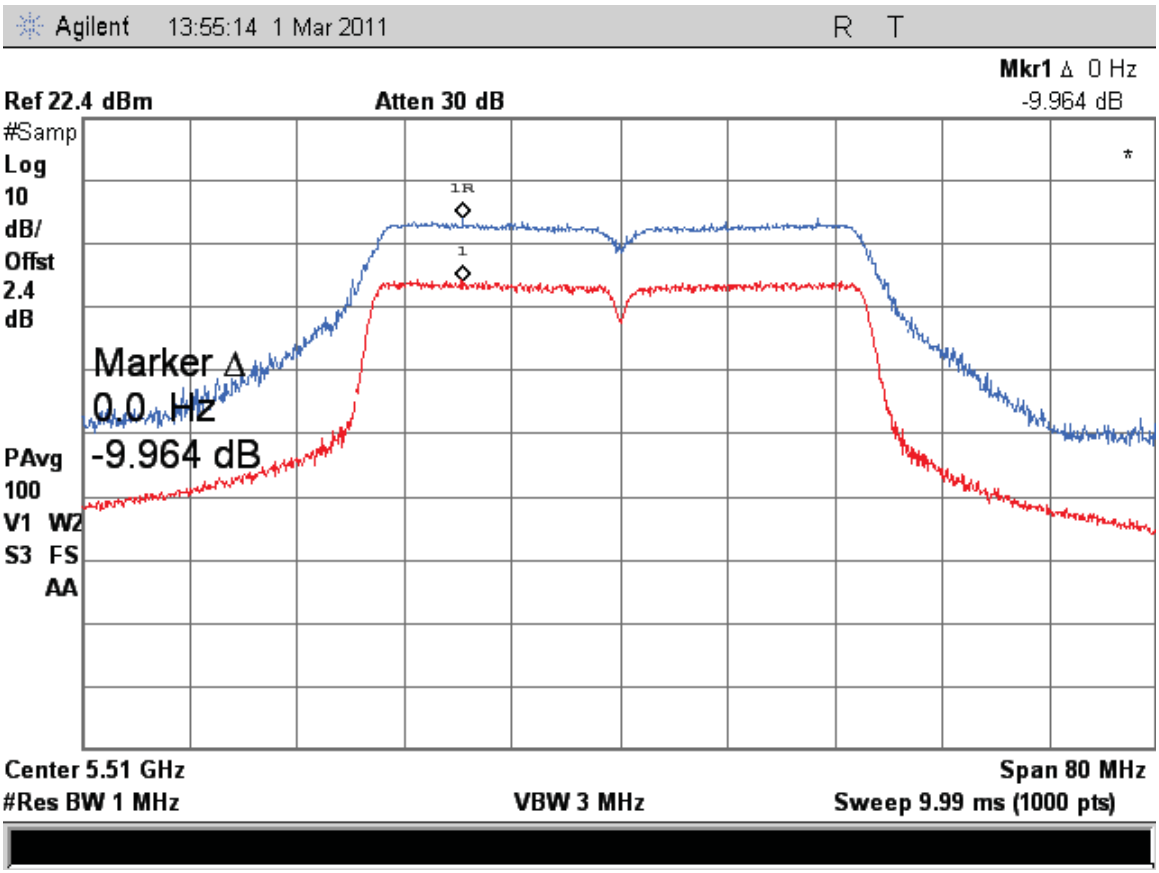


Figure 341: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

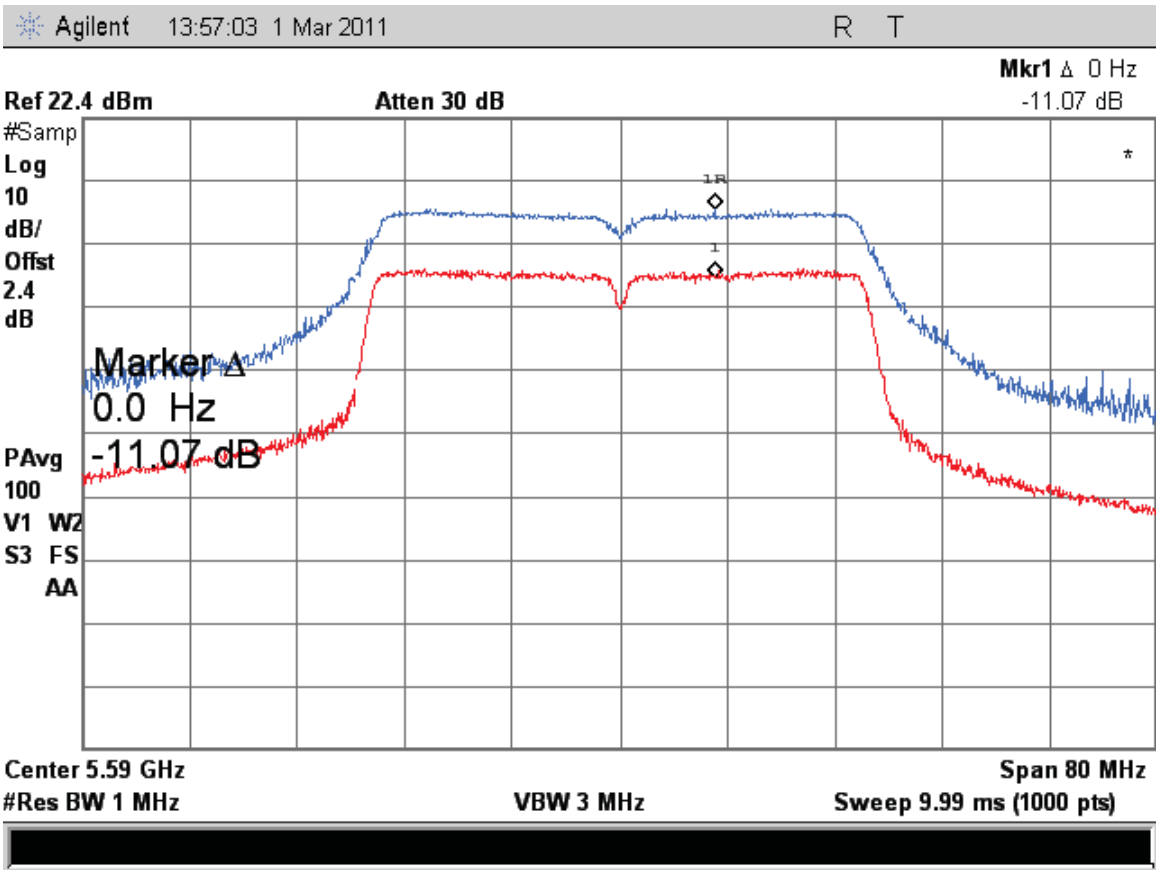


Figure 342: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

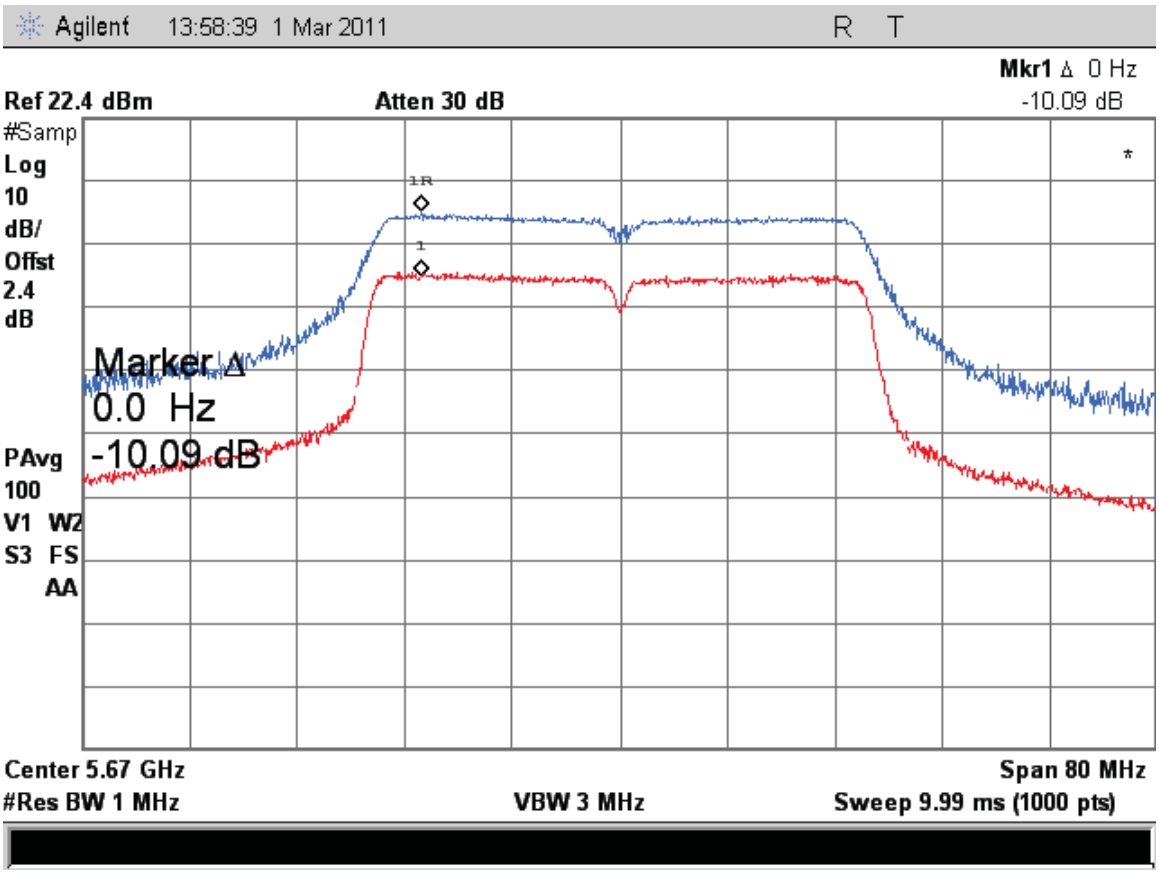


Figure 343: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 1 – 13.5Mbps

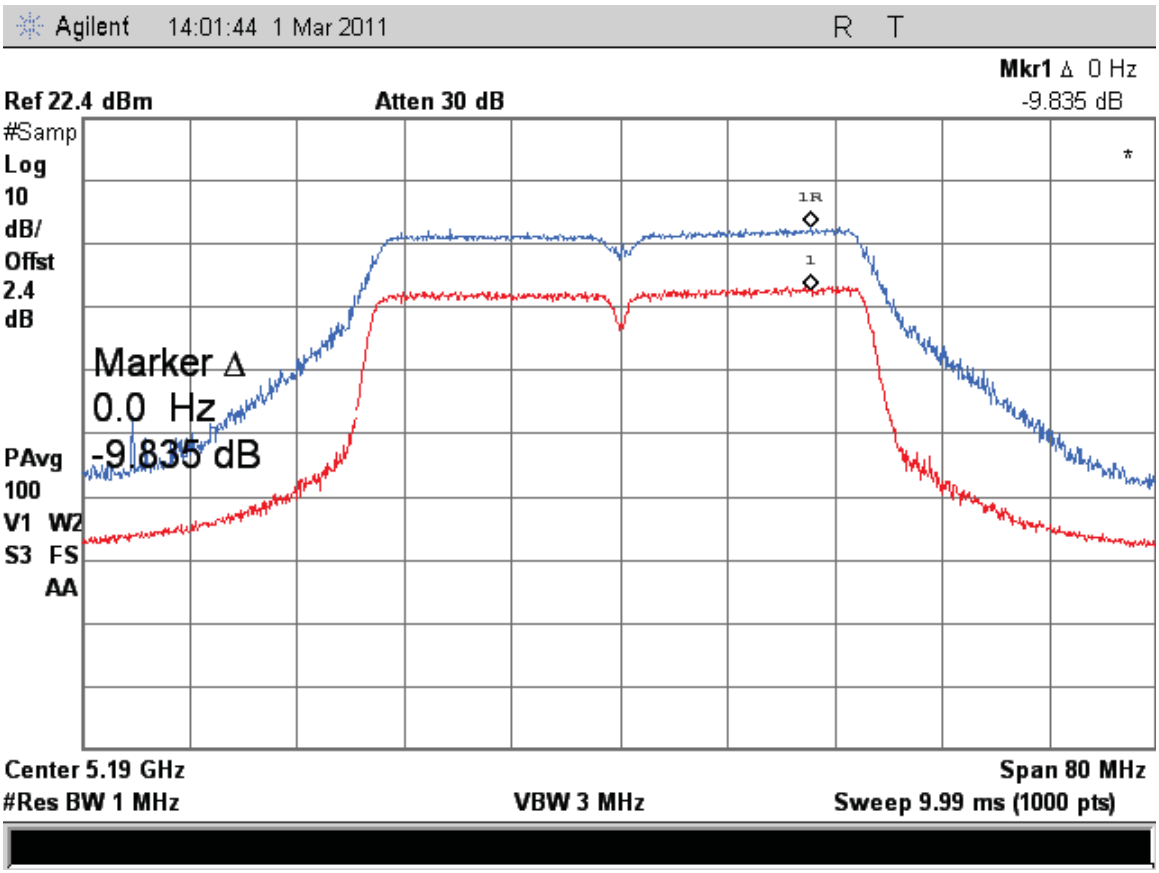


Figure 344: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

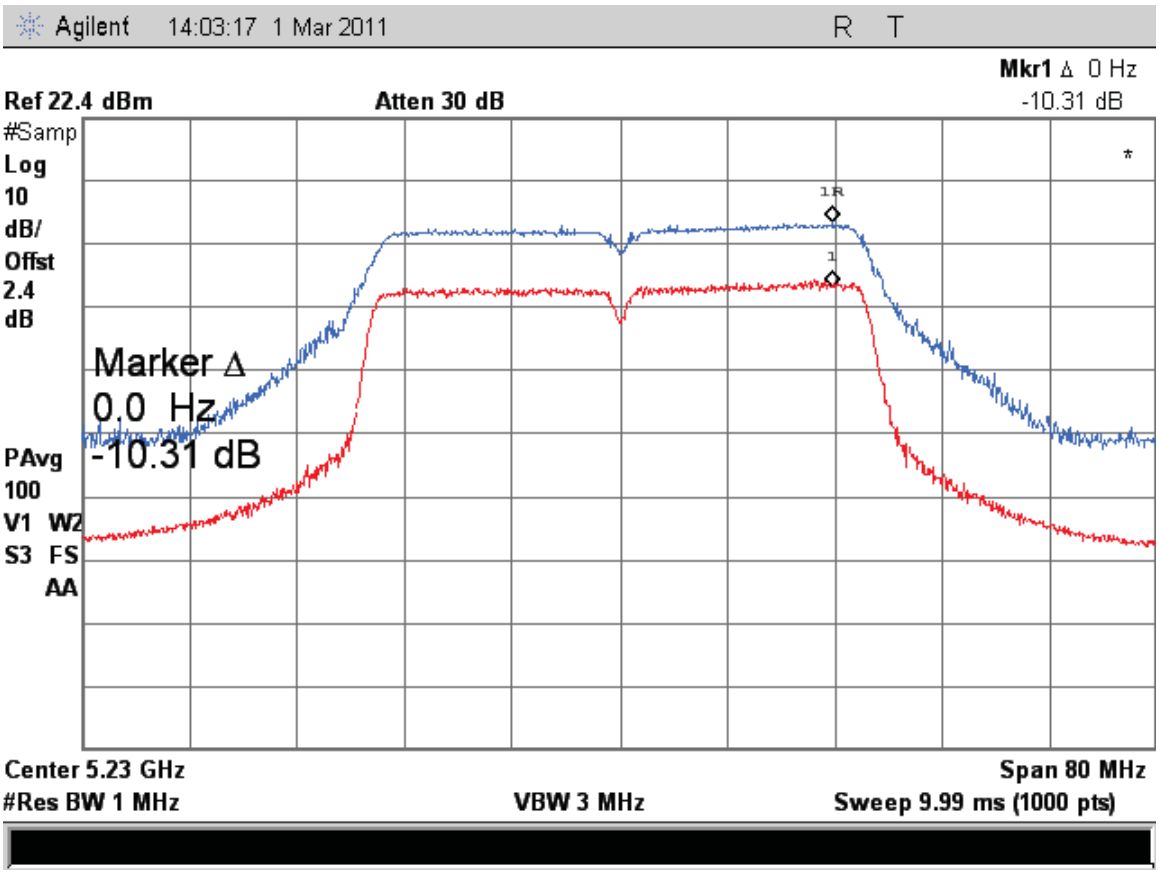


Figure 345: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

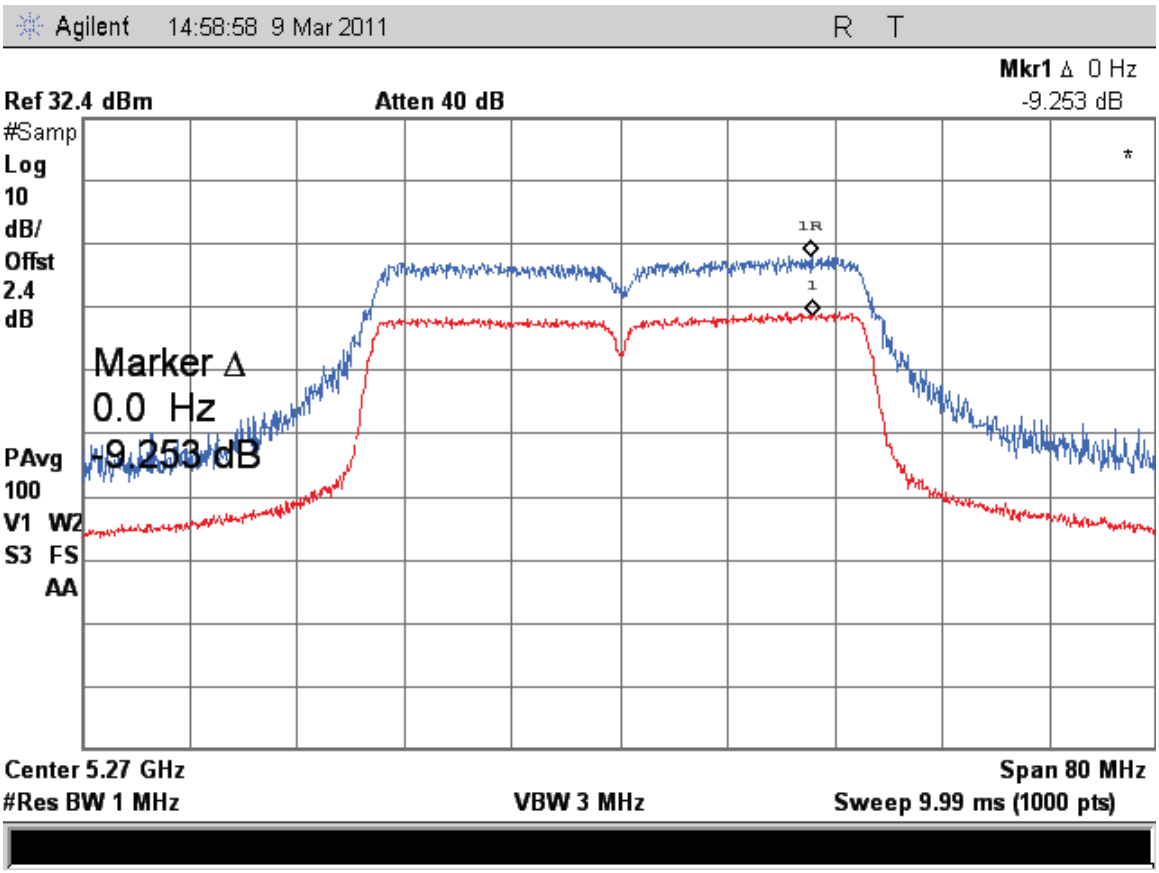


Figure 346: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

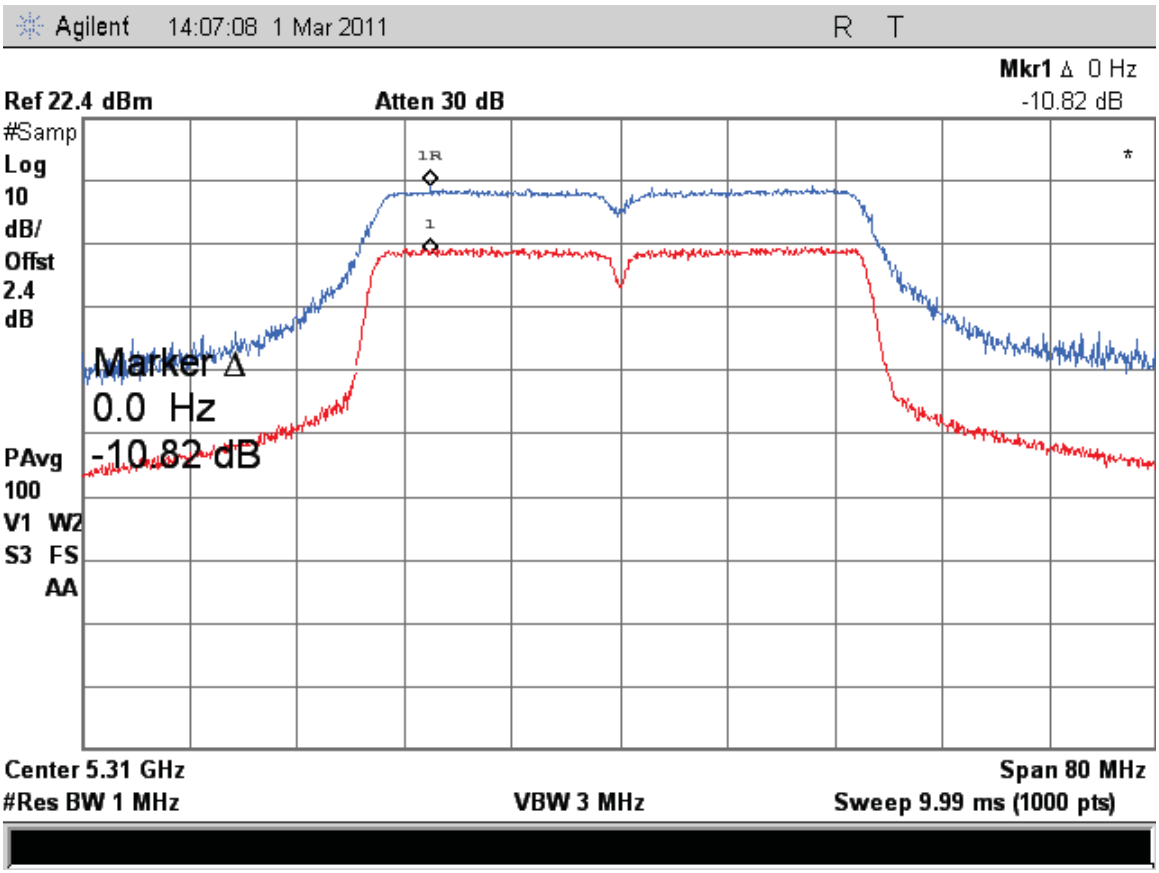


Figure 347: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

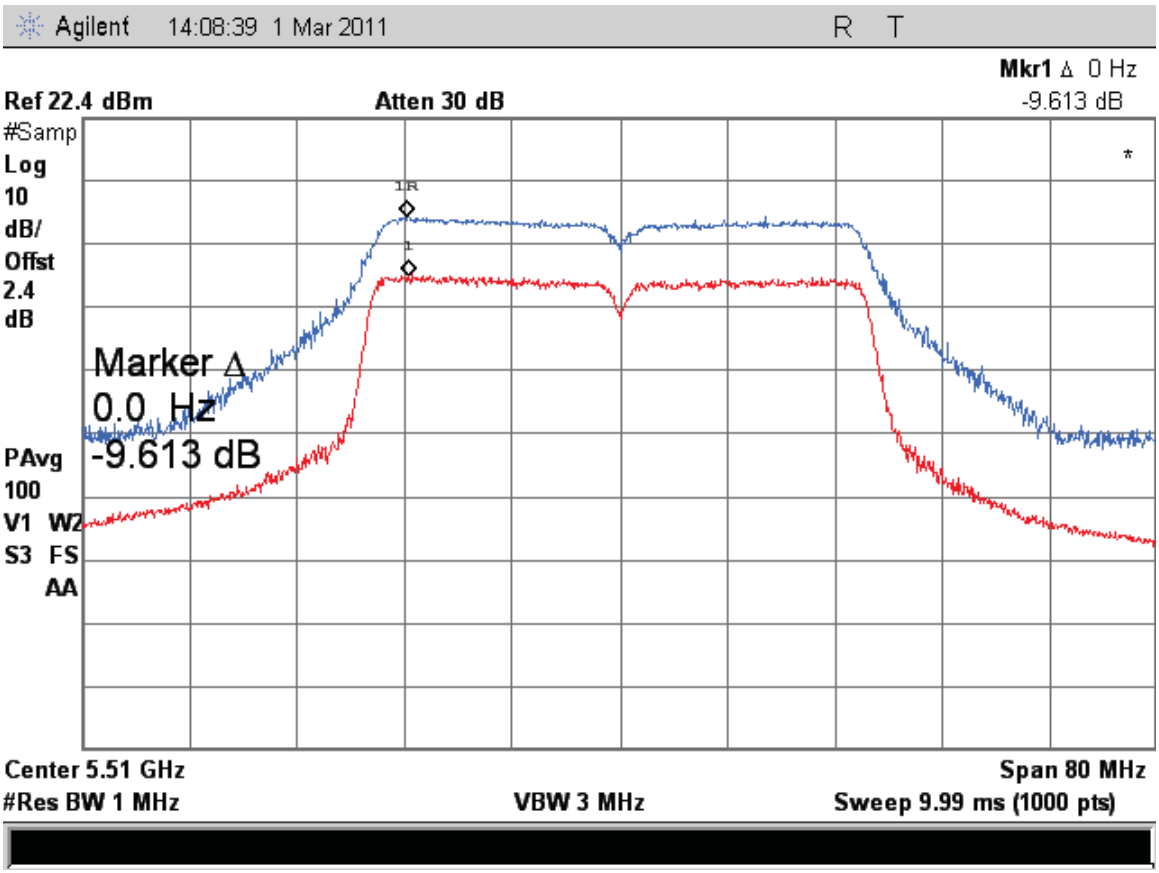


Figure 348: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

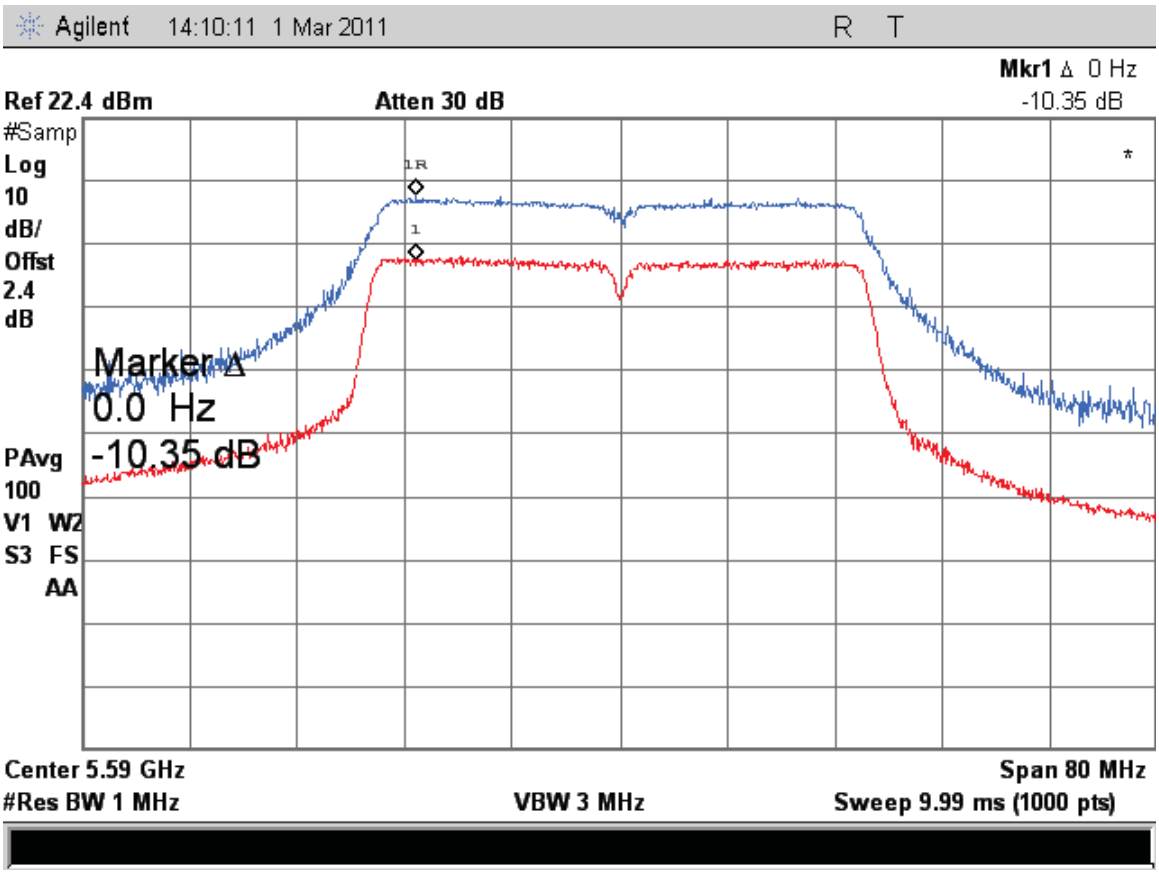


Figure 349: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

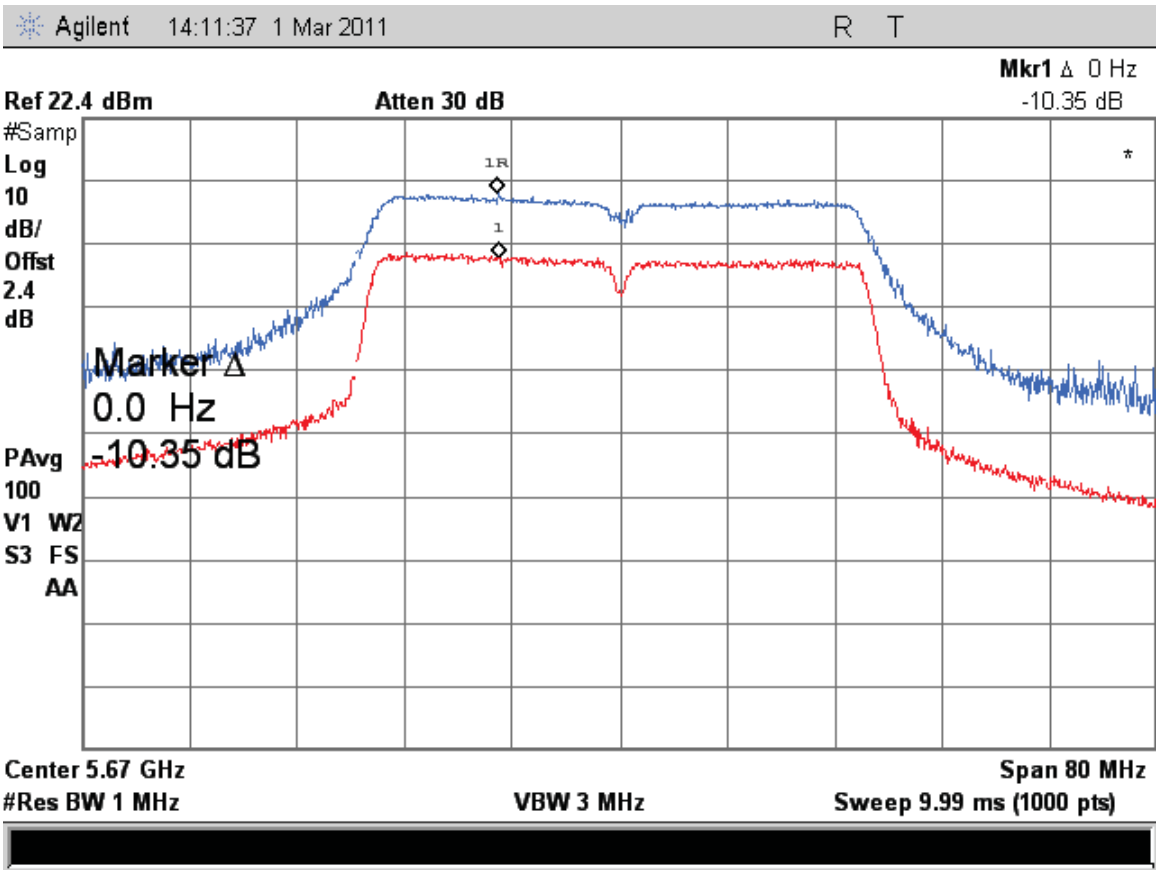


Figure 350: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 2 – 13.5Mbps

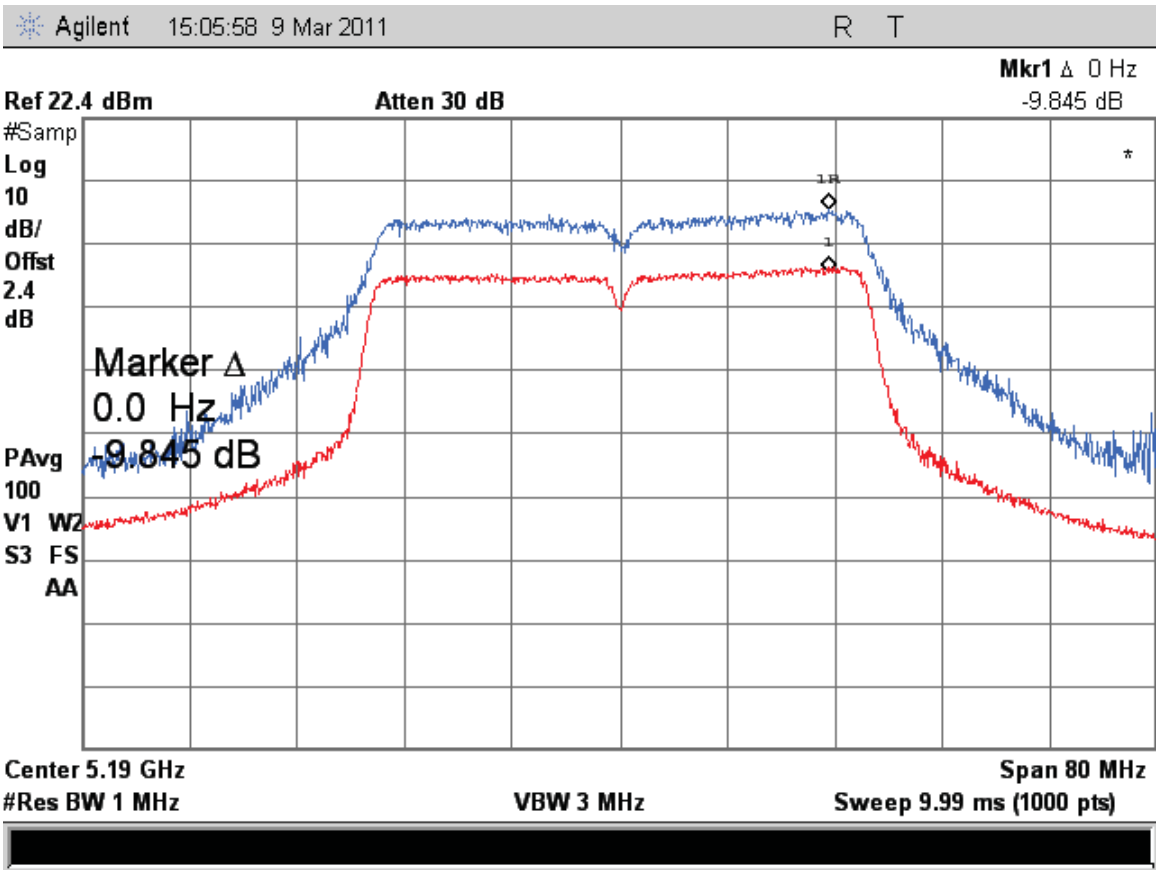


Figure 351: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 0 – 27Mbps

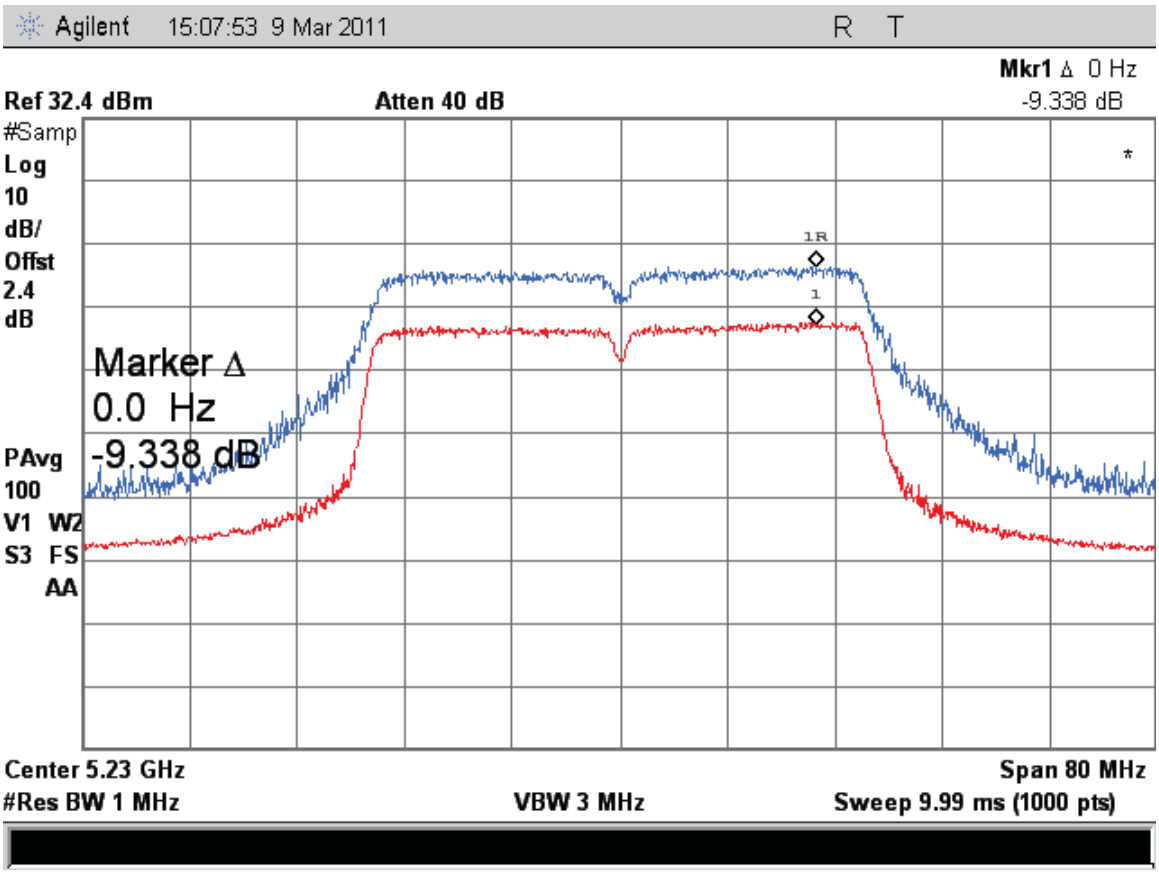


Figure 352: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 0 – 27Mbps

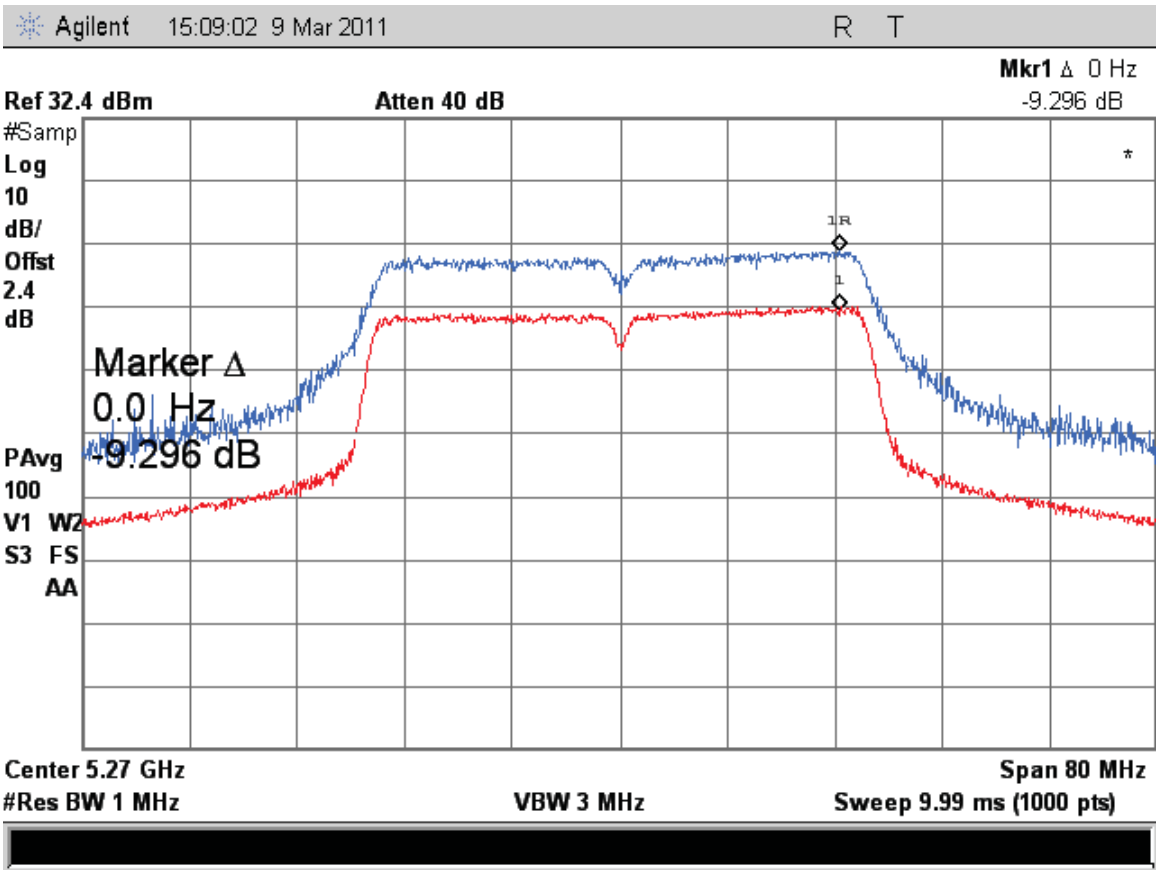


Figure 353: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 0 – 27Mbps

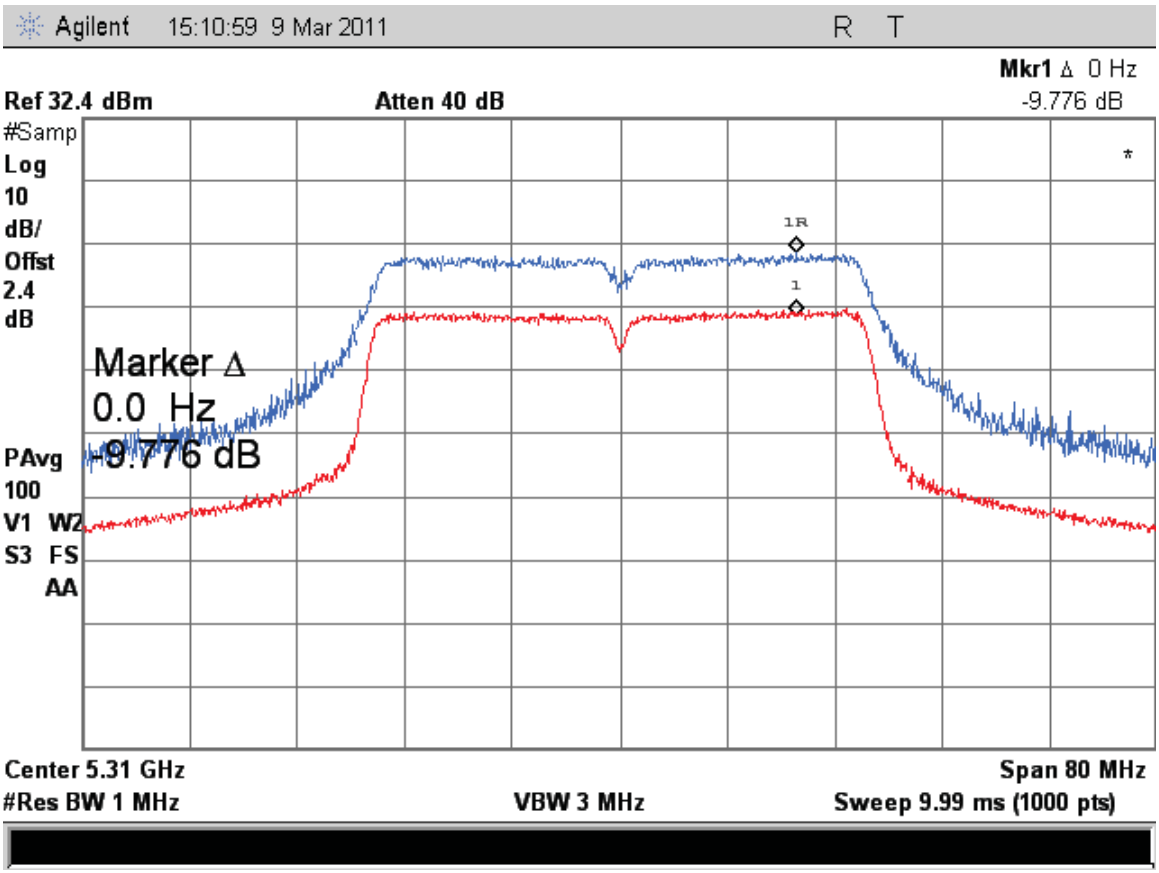


Figure 354: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 0 – 27Mbps

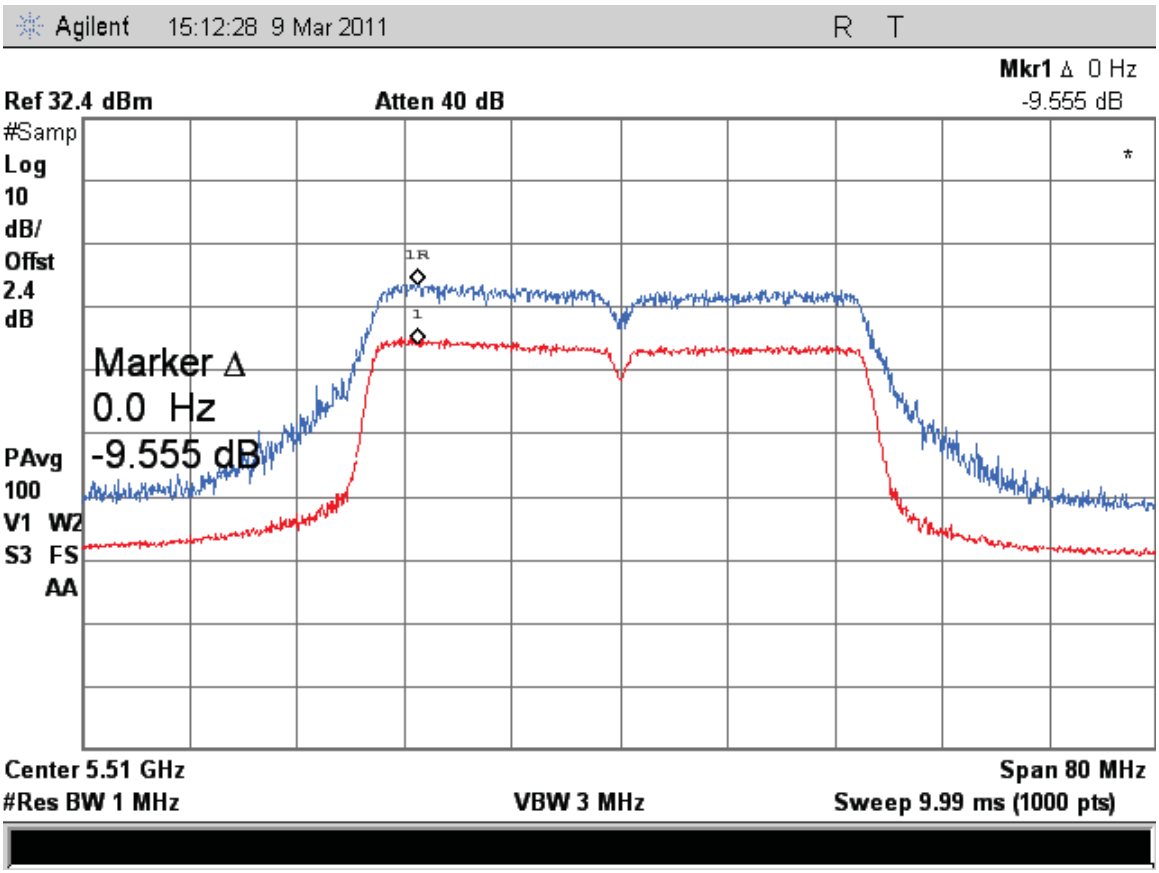


Figure 355: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 0 – 27Mbps

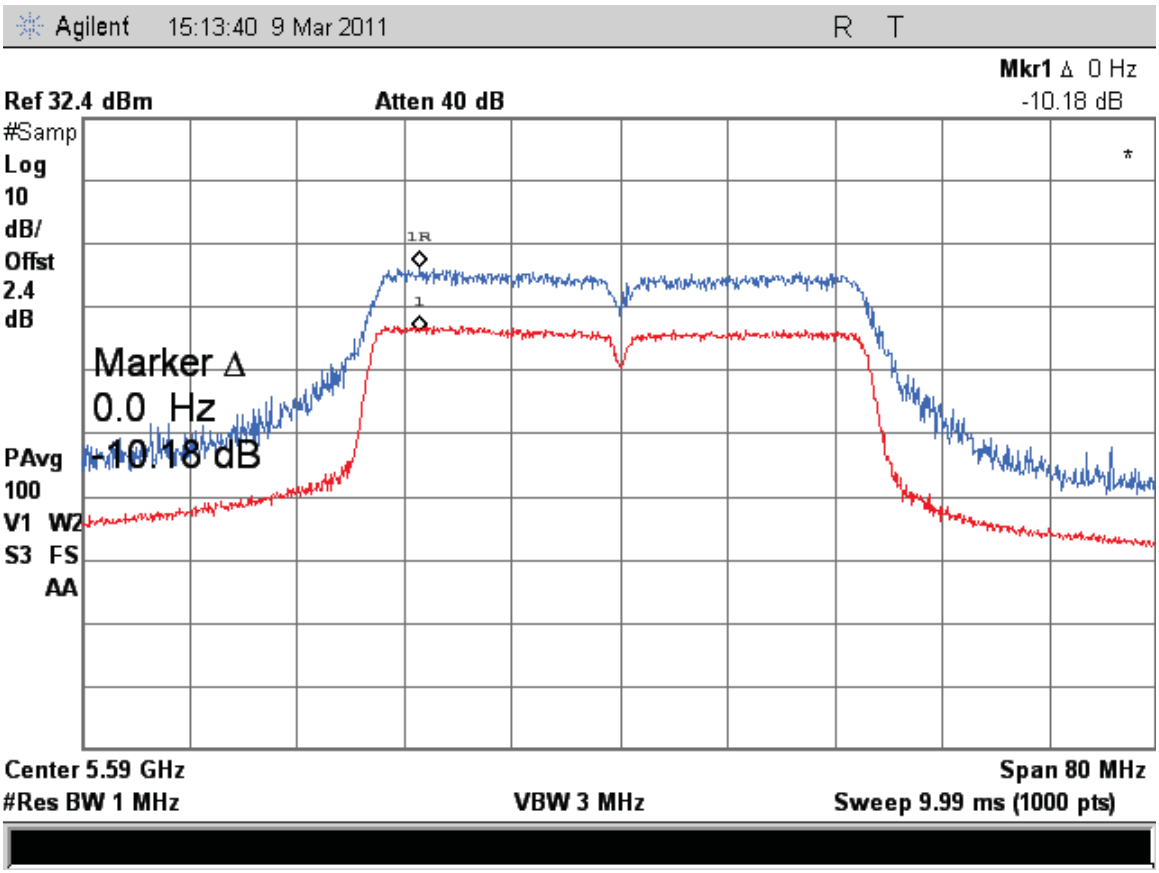


Figure 356: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 0 – 27Mbps

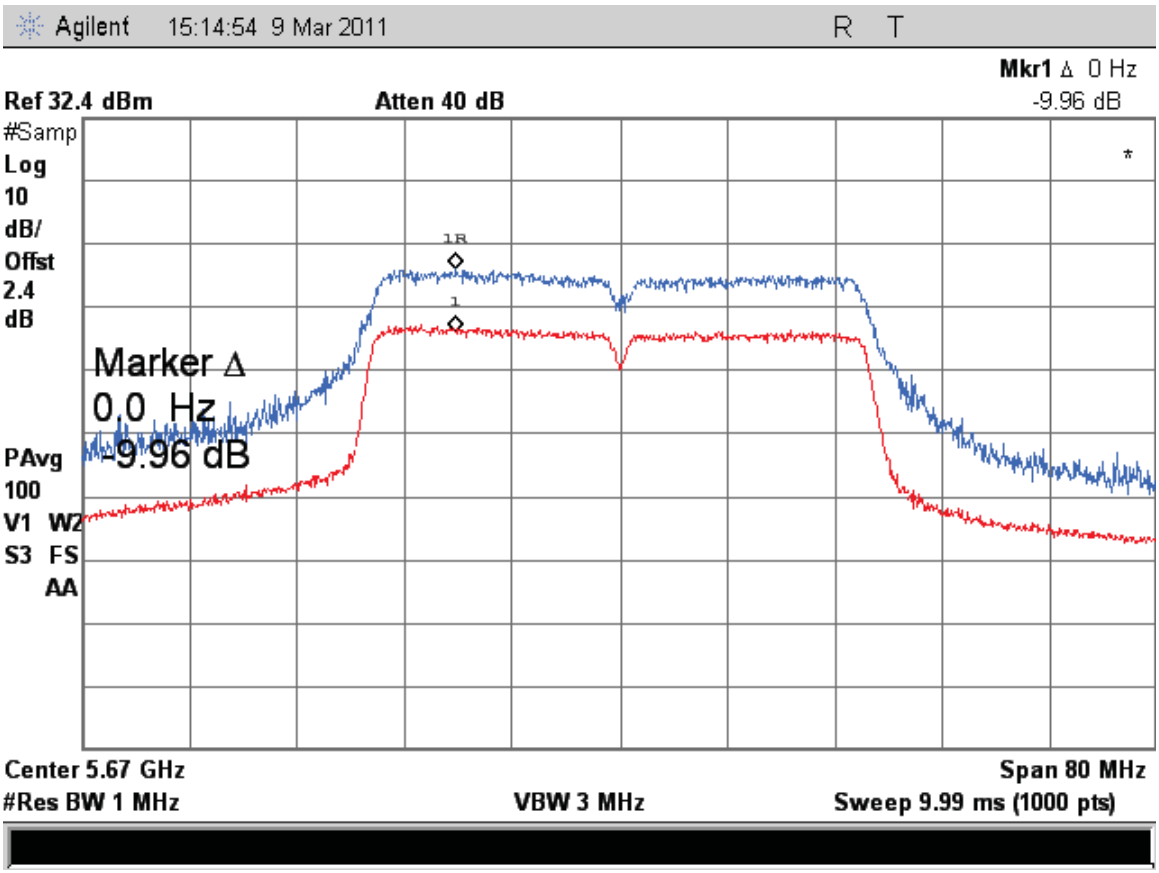


Figure 357: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 0 – 27Mbps

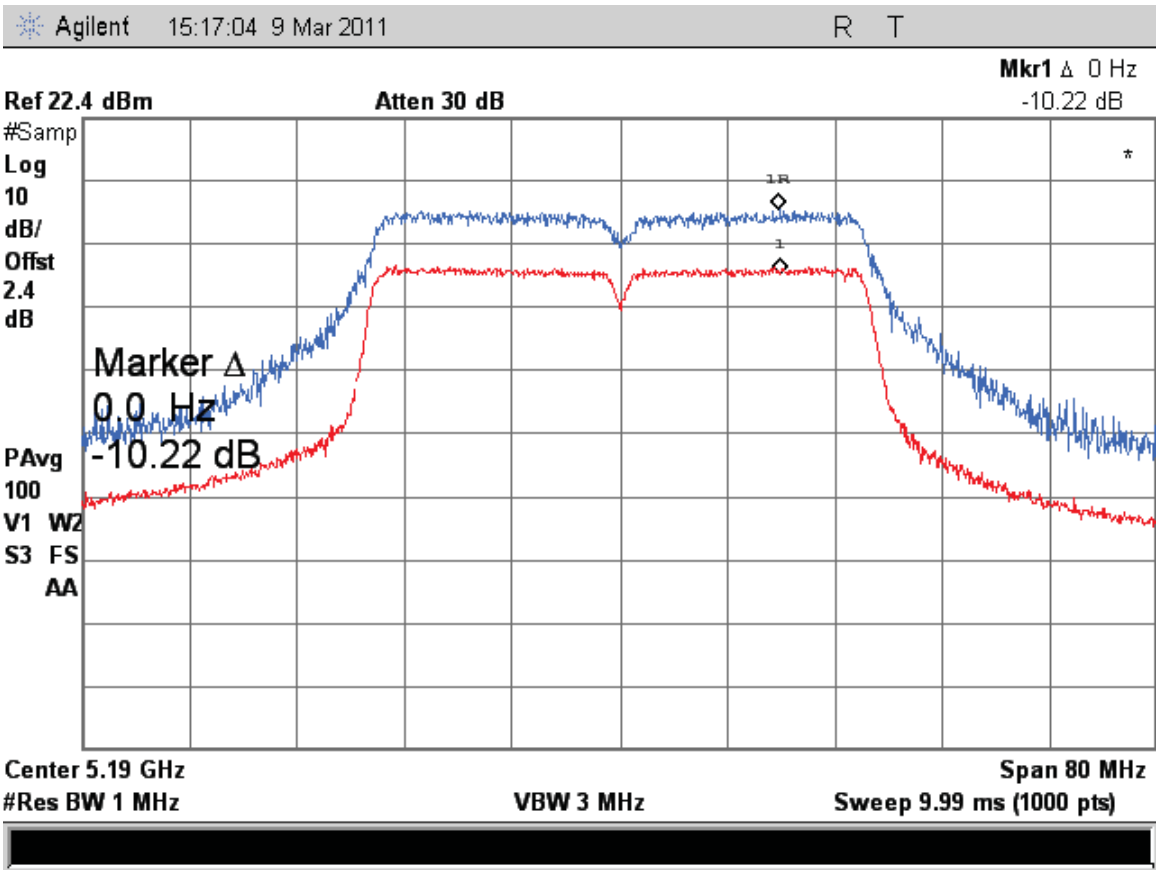


Figure 358: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 1 – 27Mbps

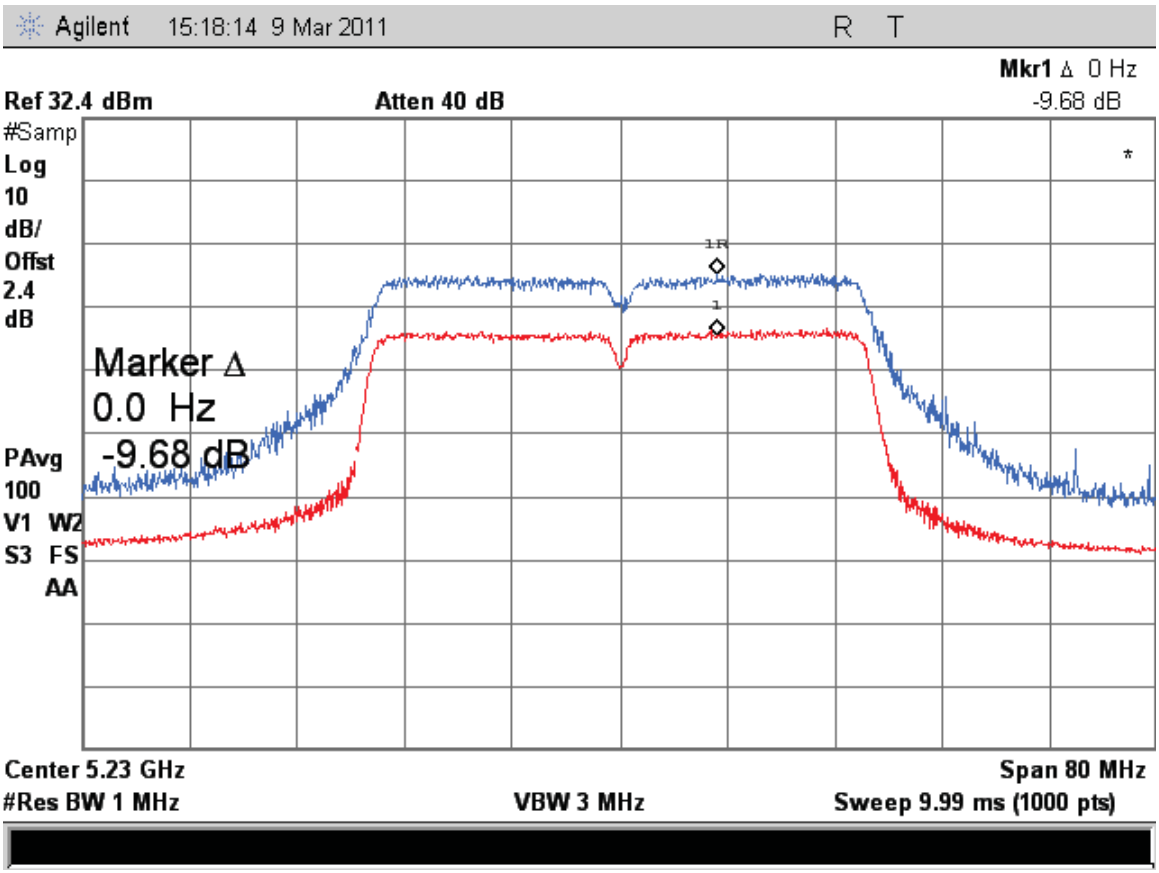


Figure 359: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 1 – 27Mbps

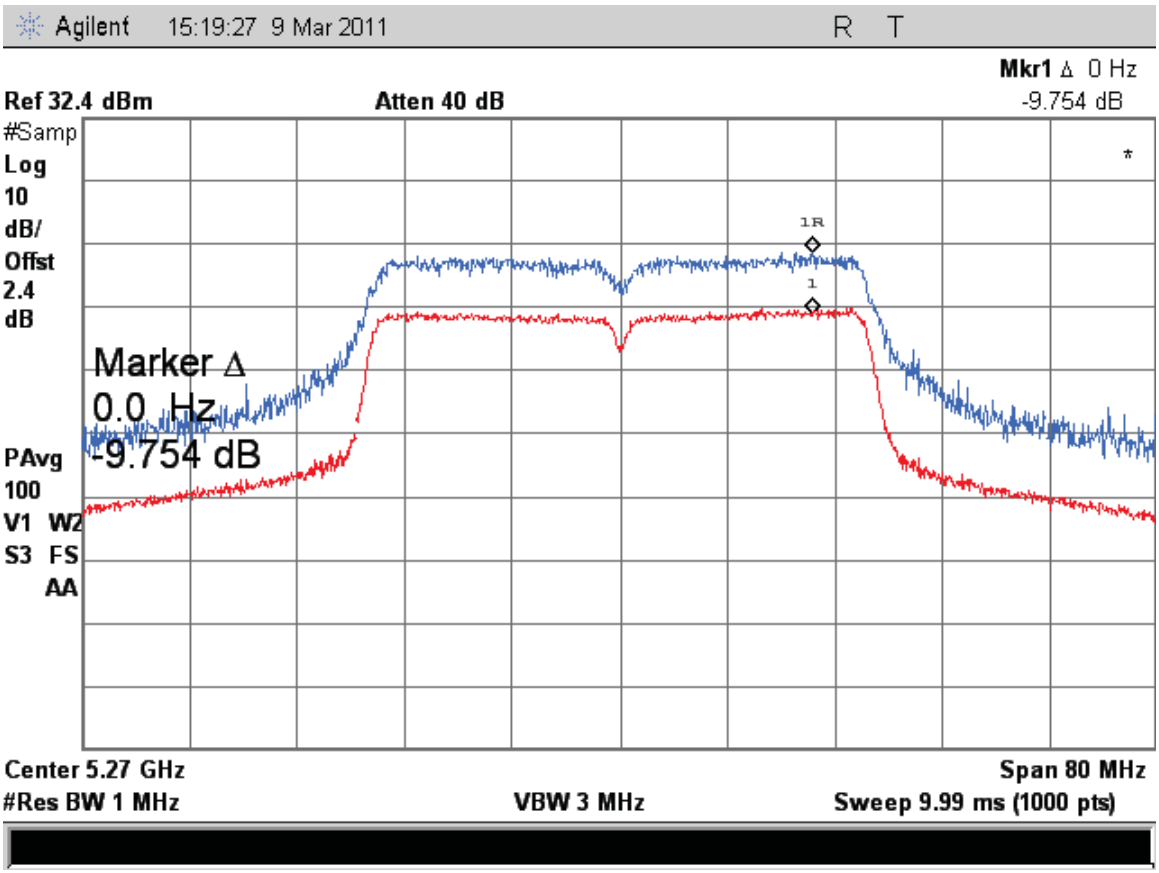


Figure 360: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 1 – 27Mbps

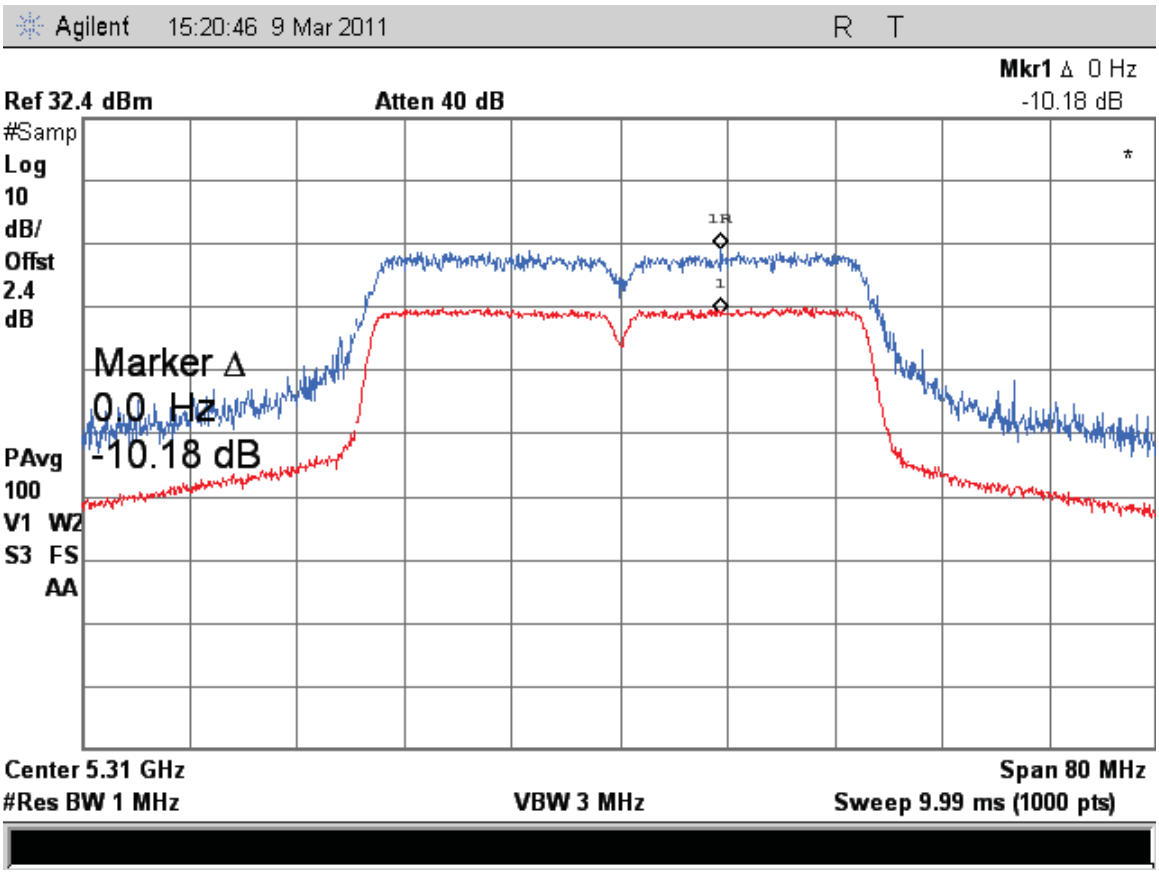


Figure 361: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 1 – 27Mbps

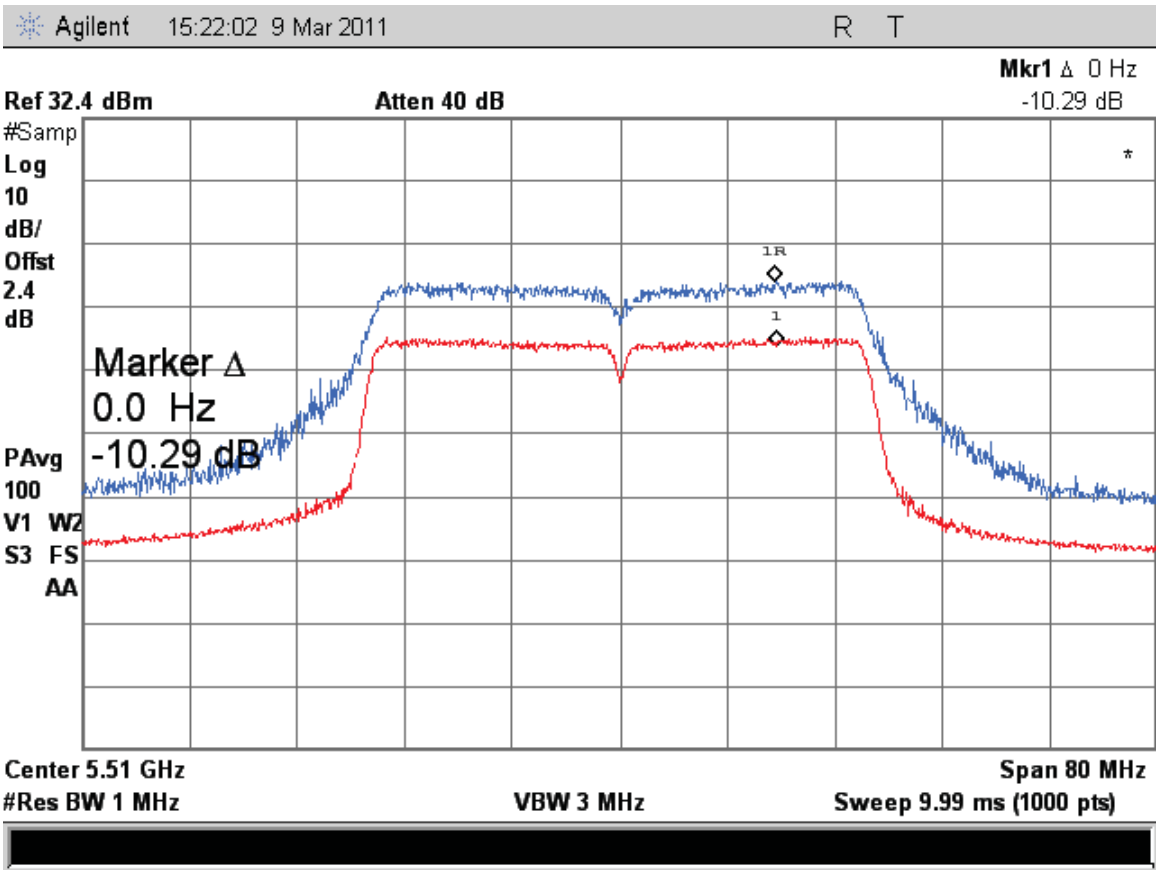


Figure 362: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 1 – 27Mbps

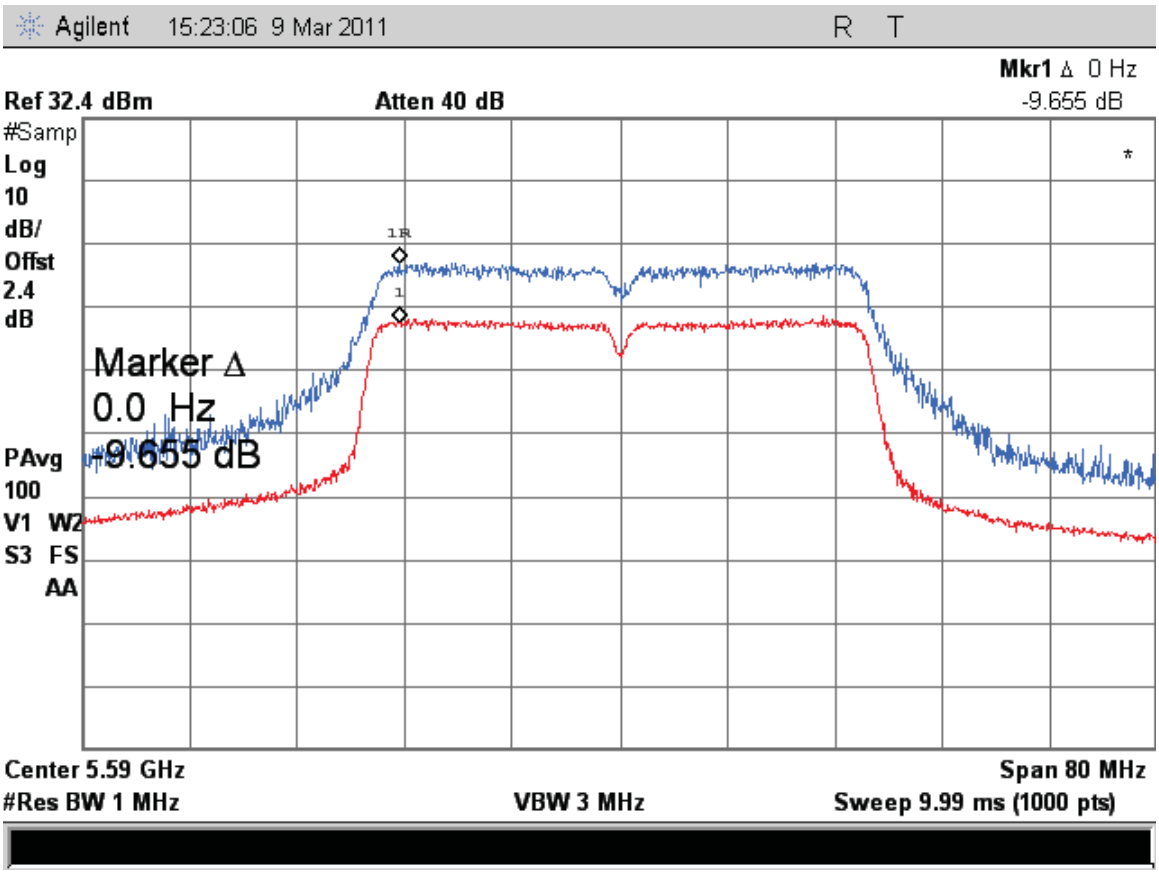


Figure 363: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 1 – 27Mbps

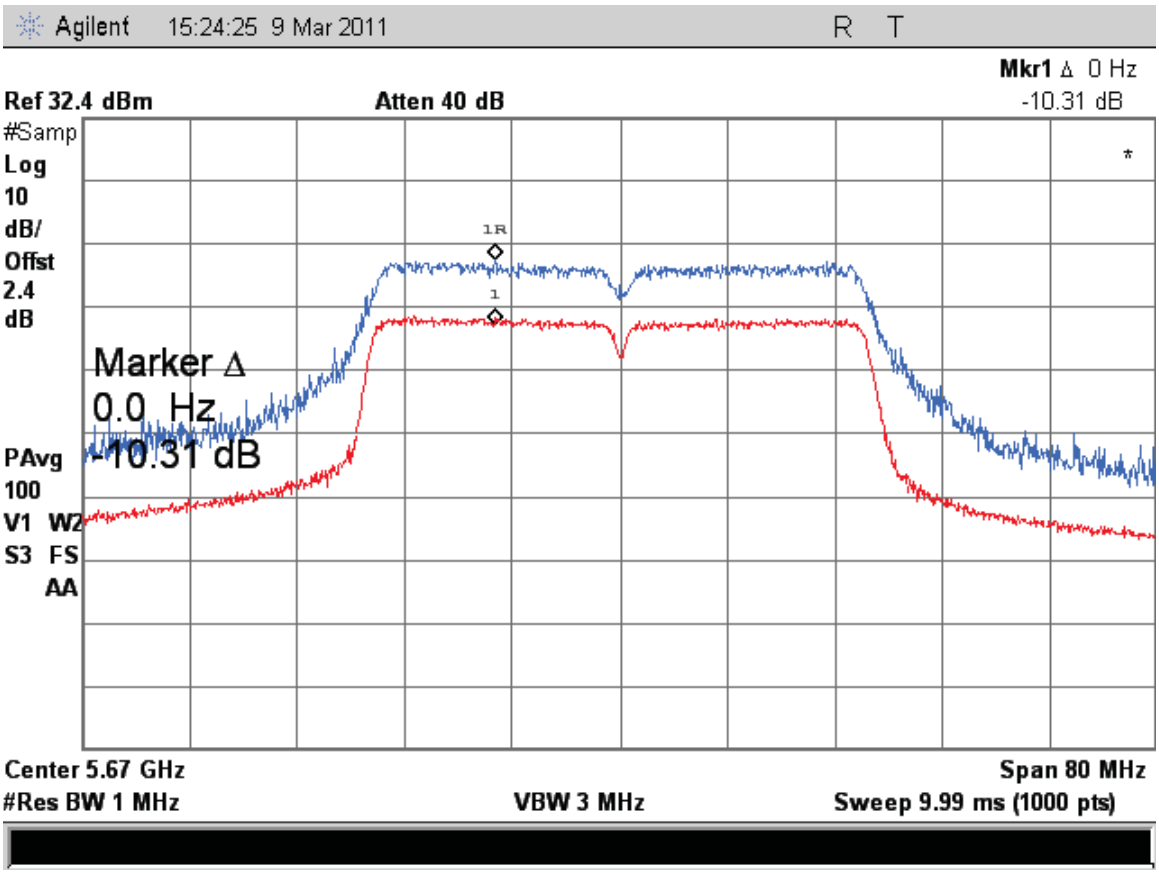


Figure 364: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 1 – 27Mbps

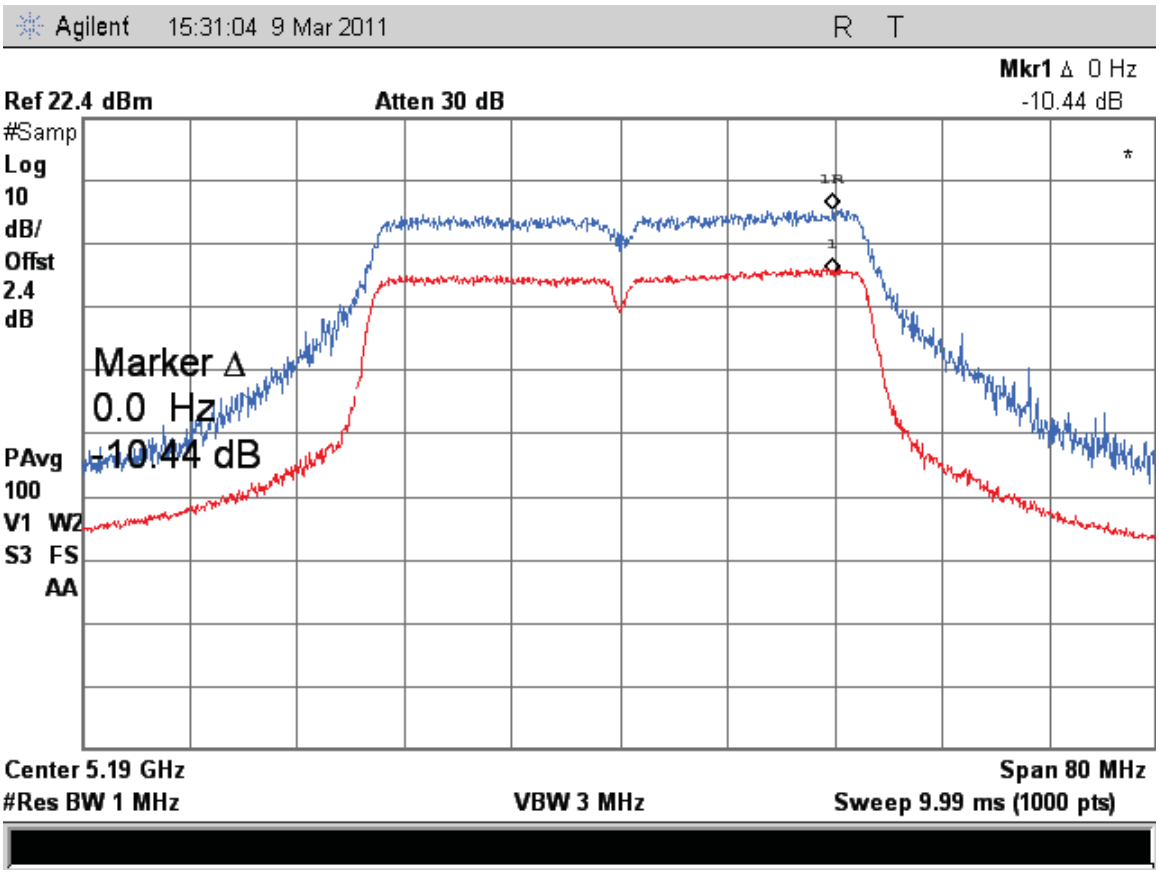


Figure 365: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

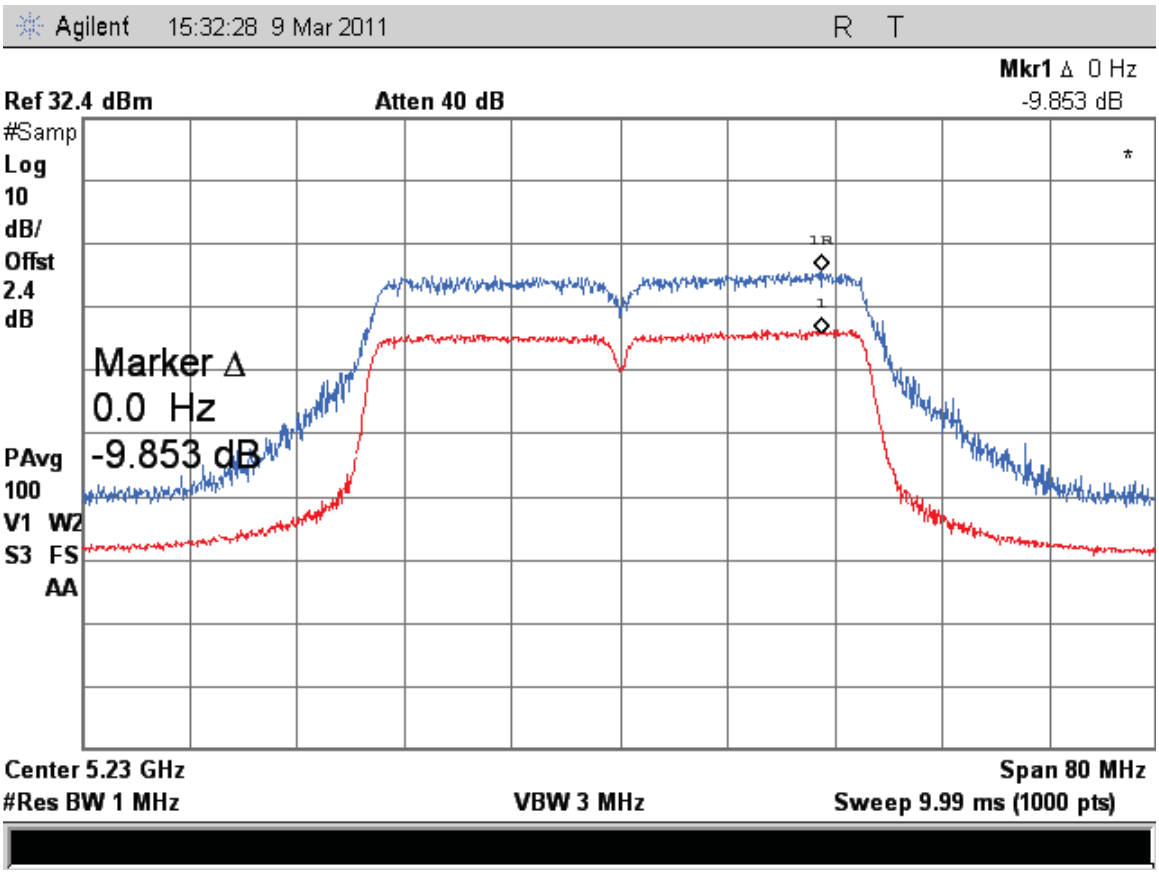


Figure 366: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

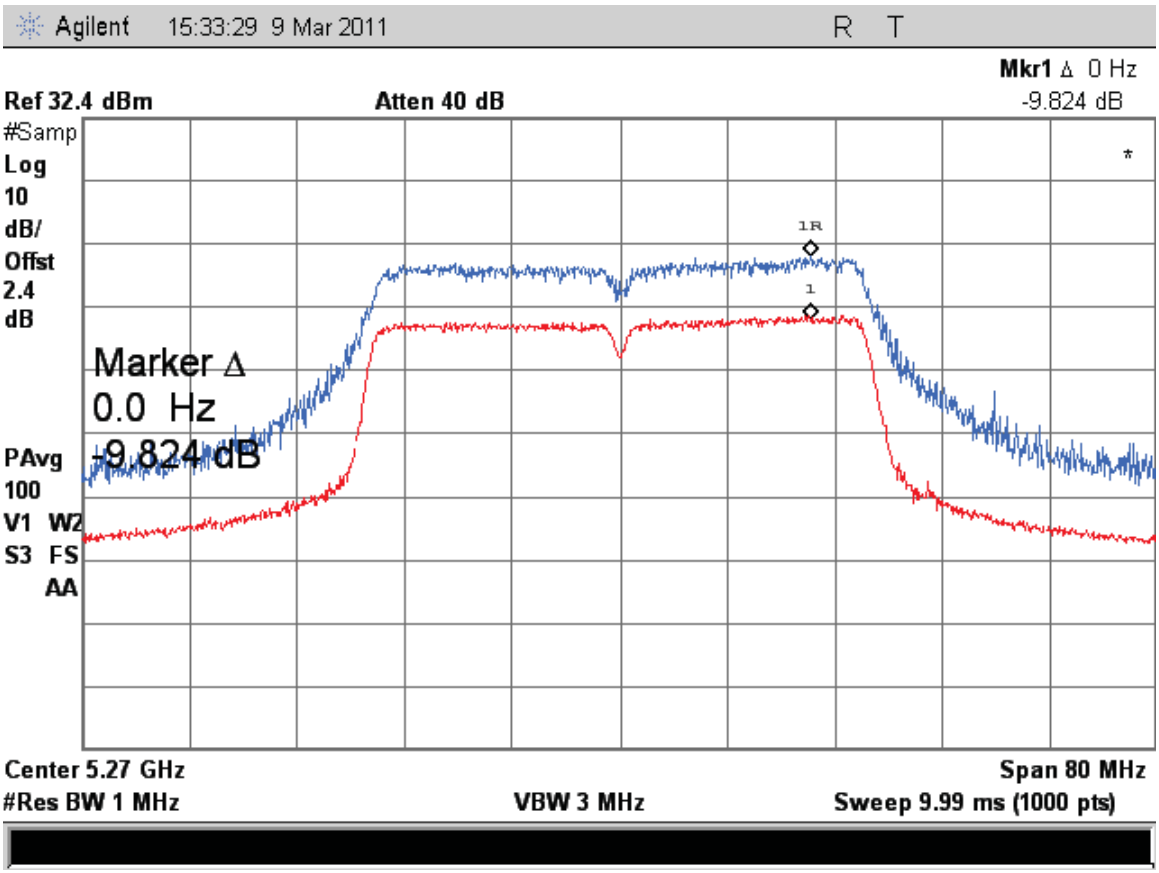


Figure 367: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

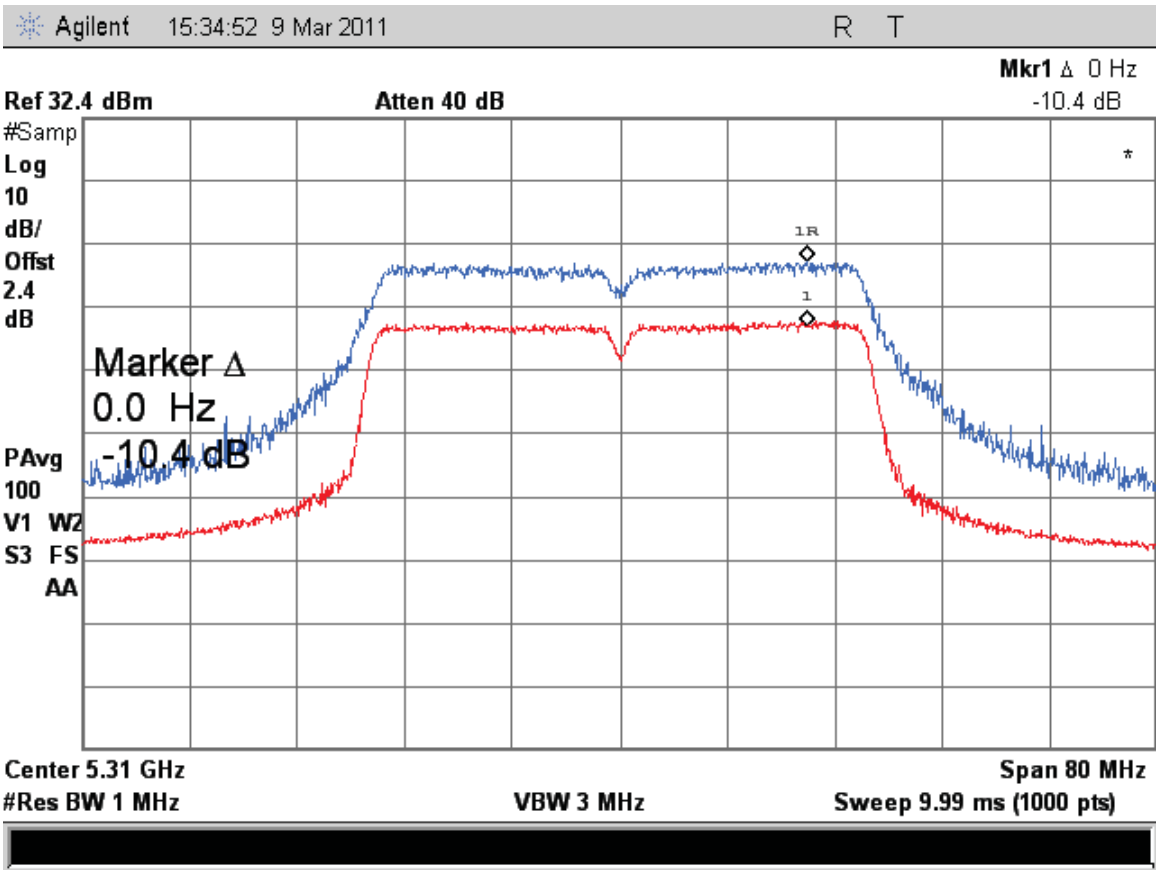


Figure 368: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

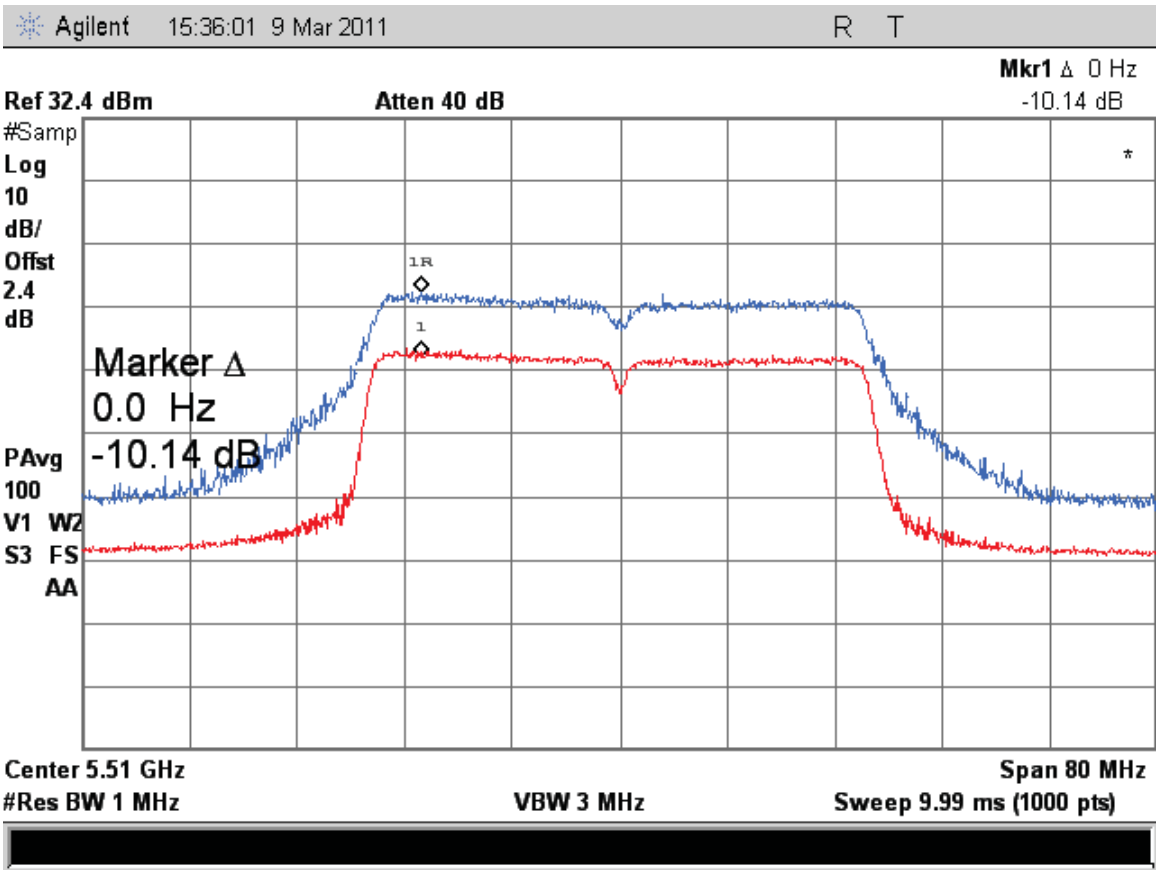


Figure 369: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

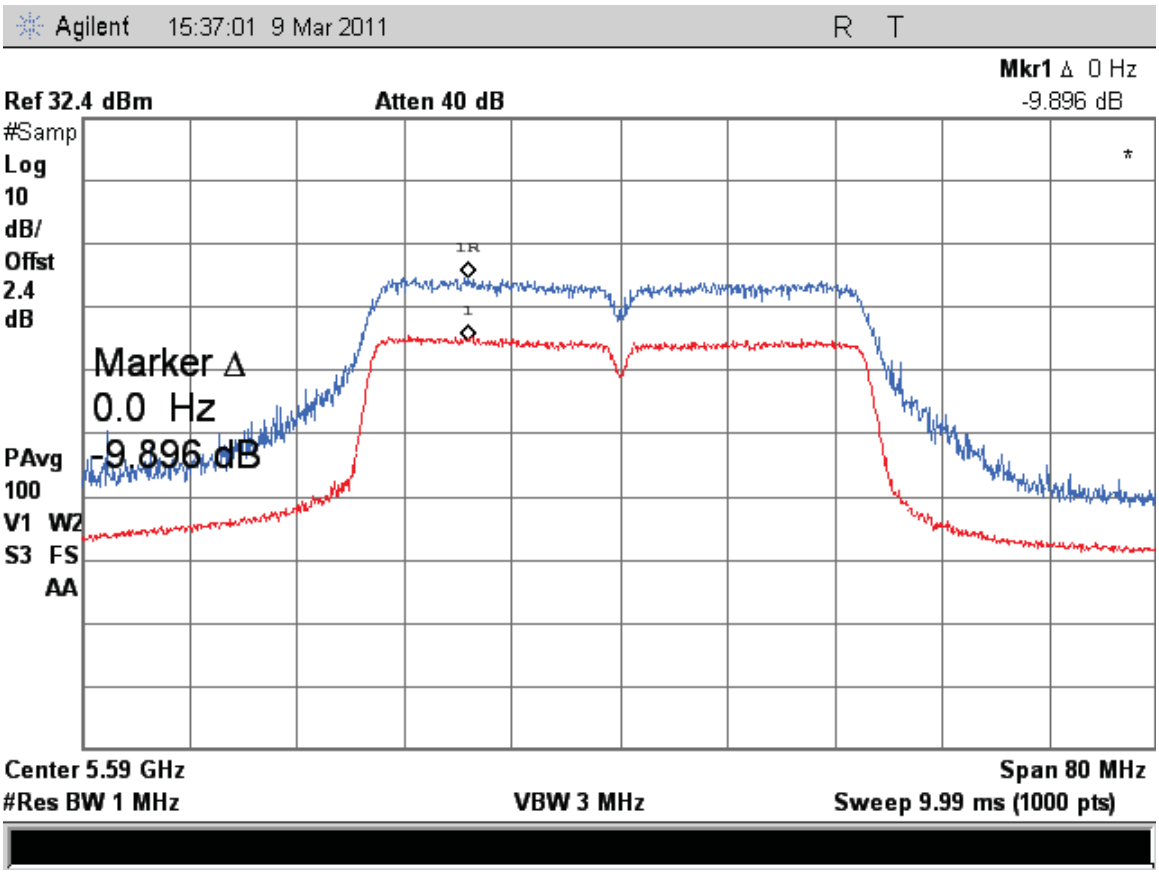


Figure 370: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

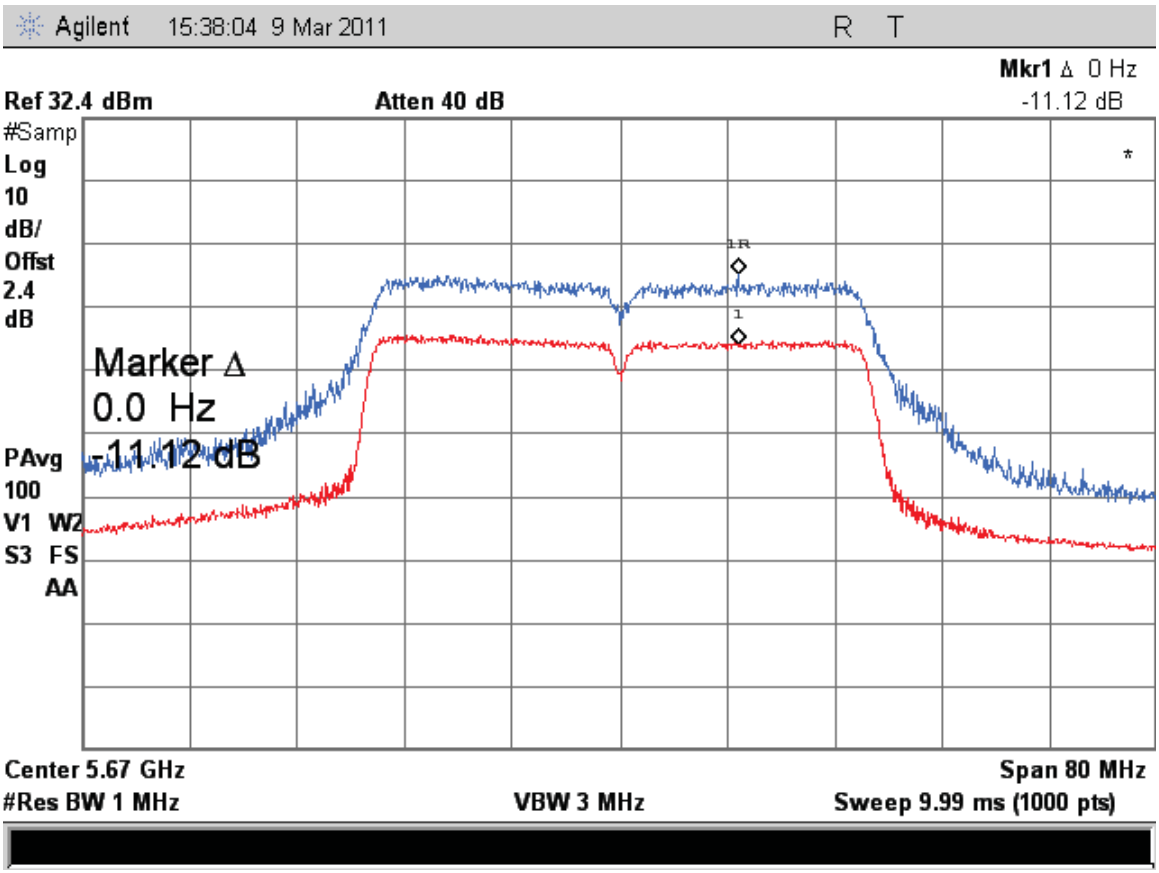


Figure 371: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 0 – 40.5Mbps

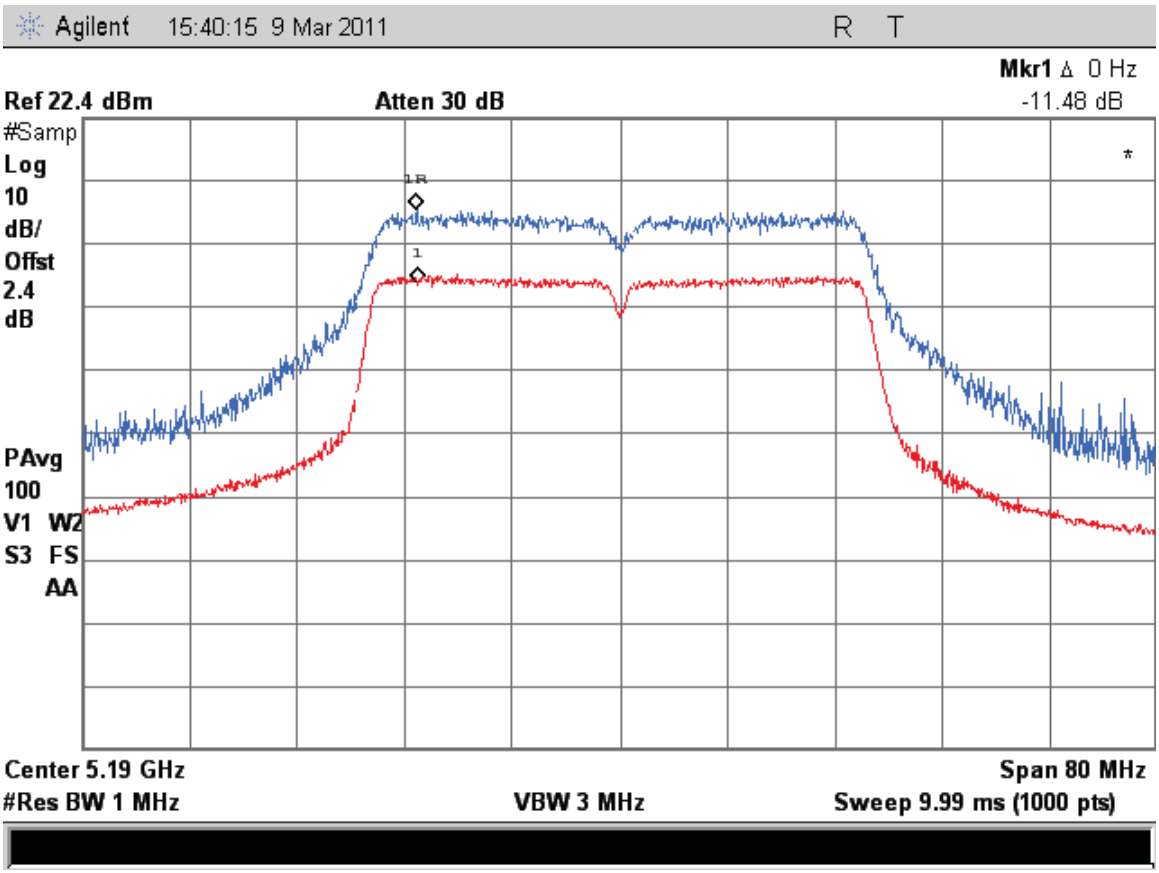


Figure 372: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

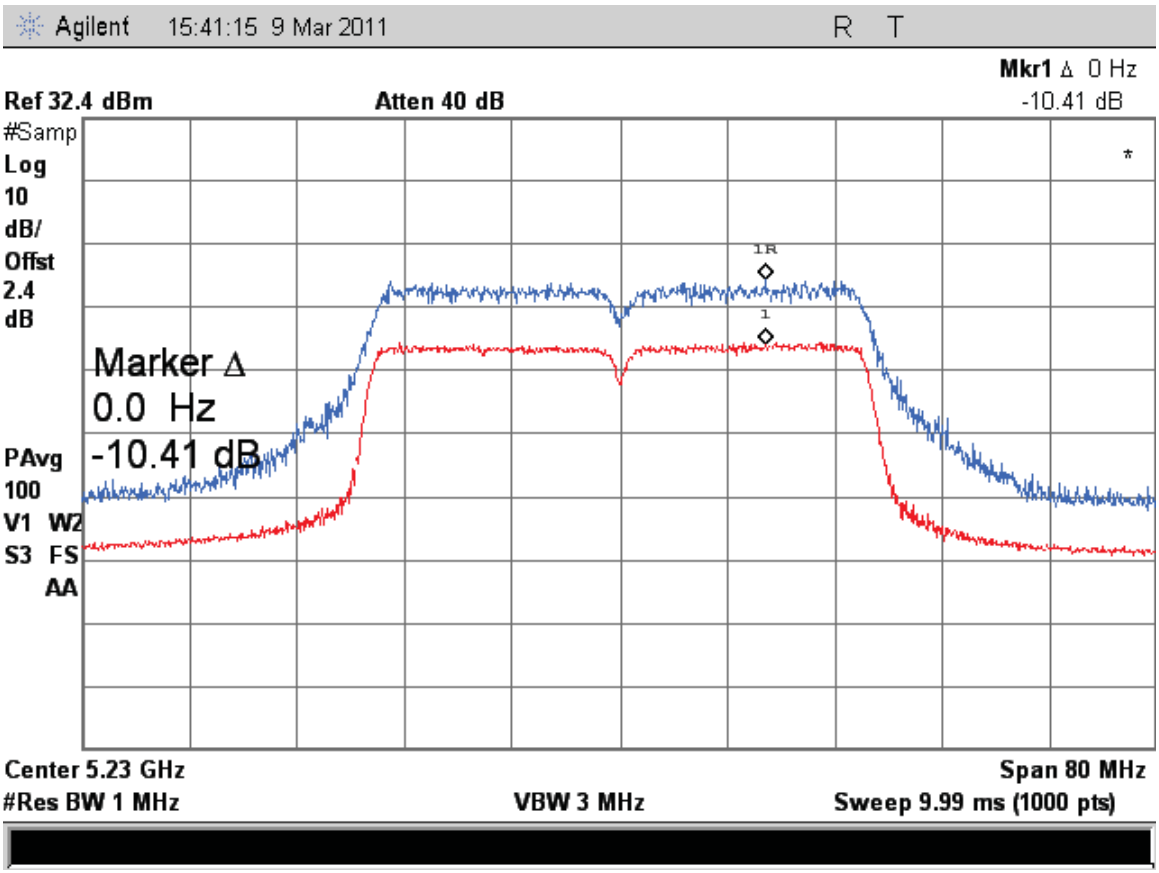


Figure 373: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

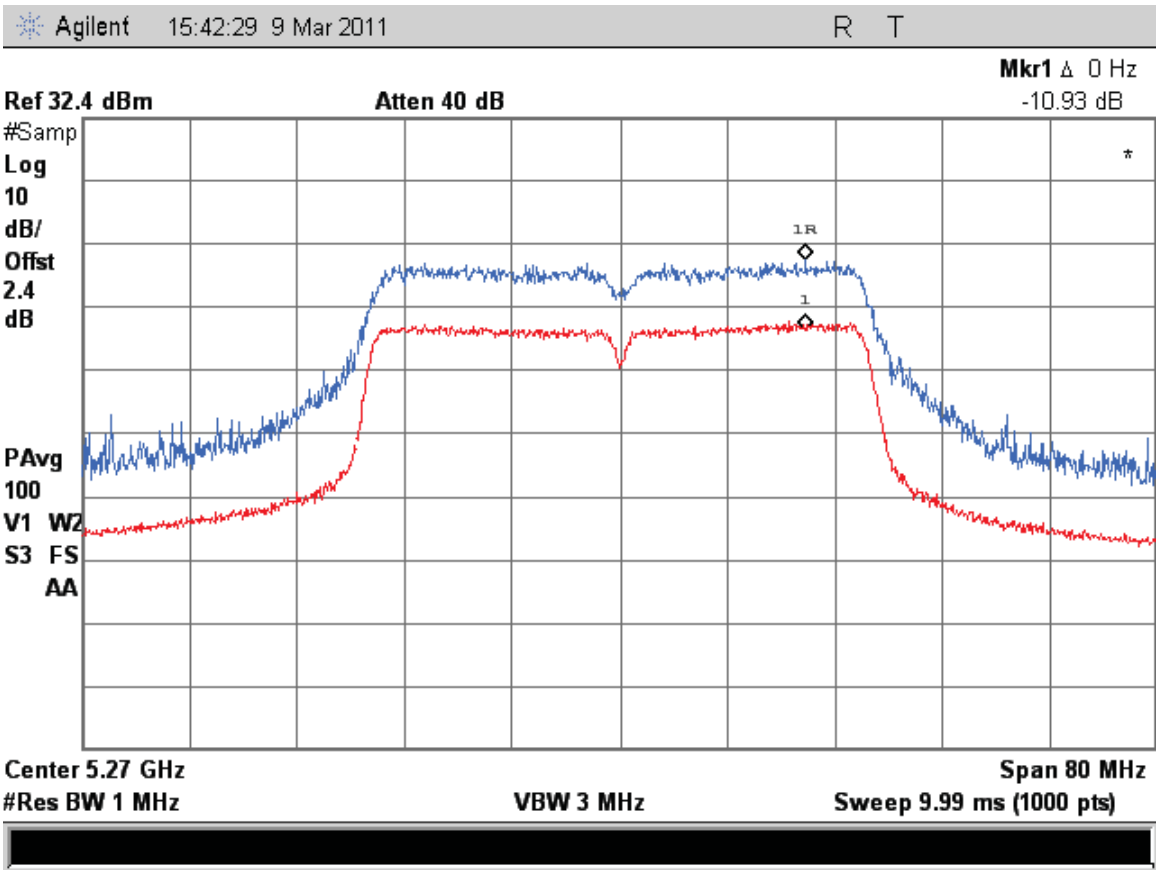


Figure 374: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

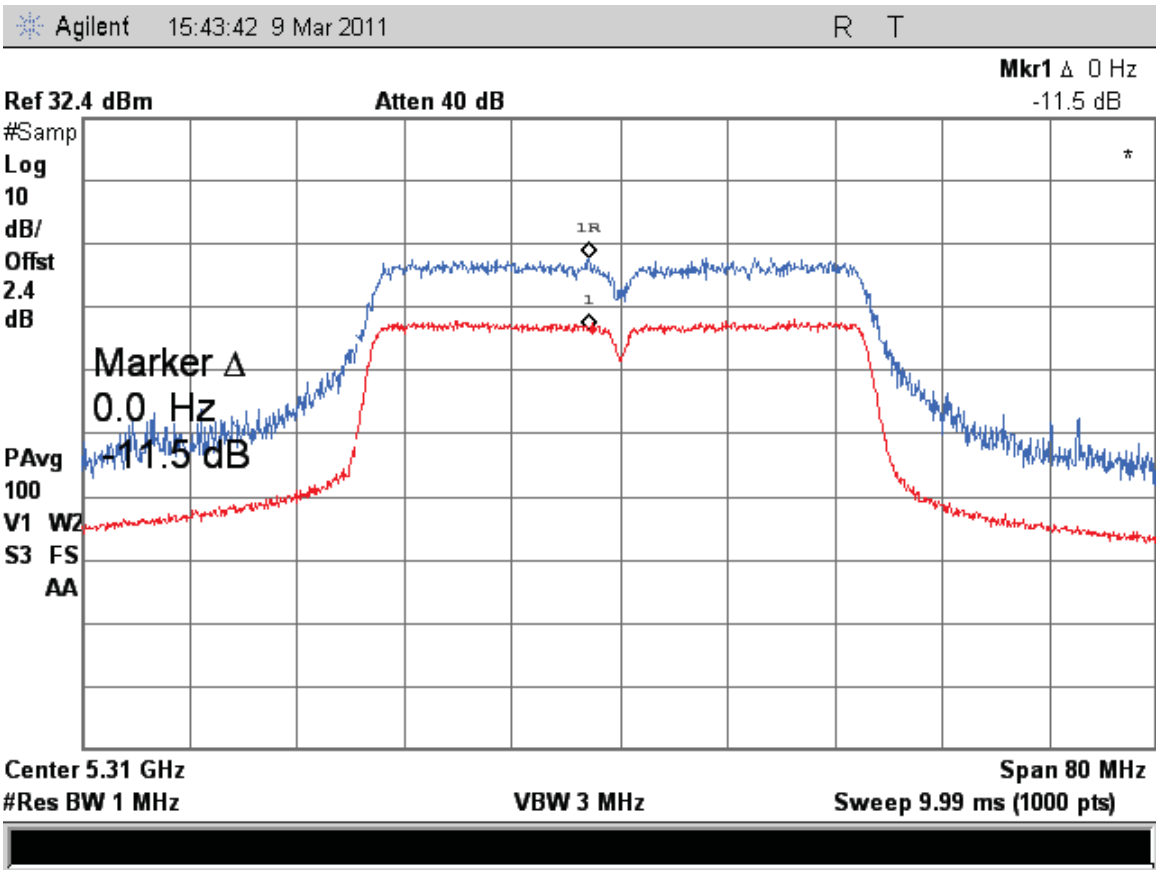


Figure 375: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

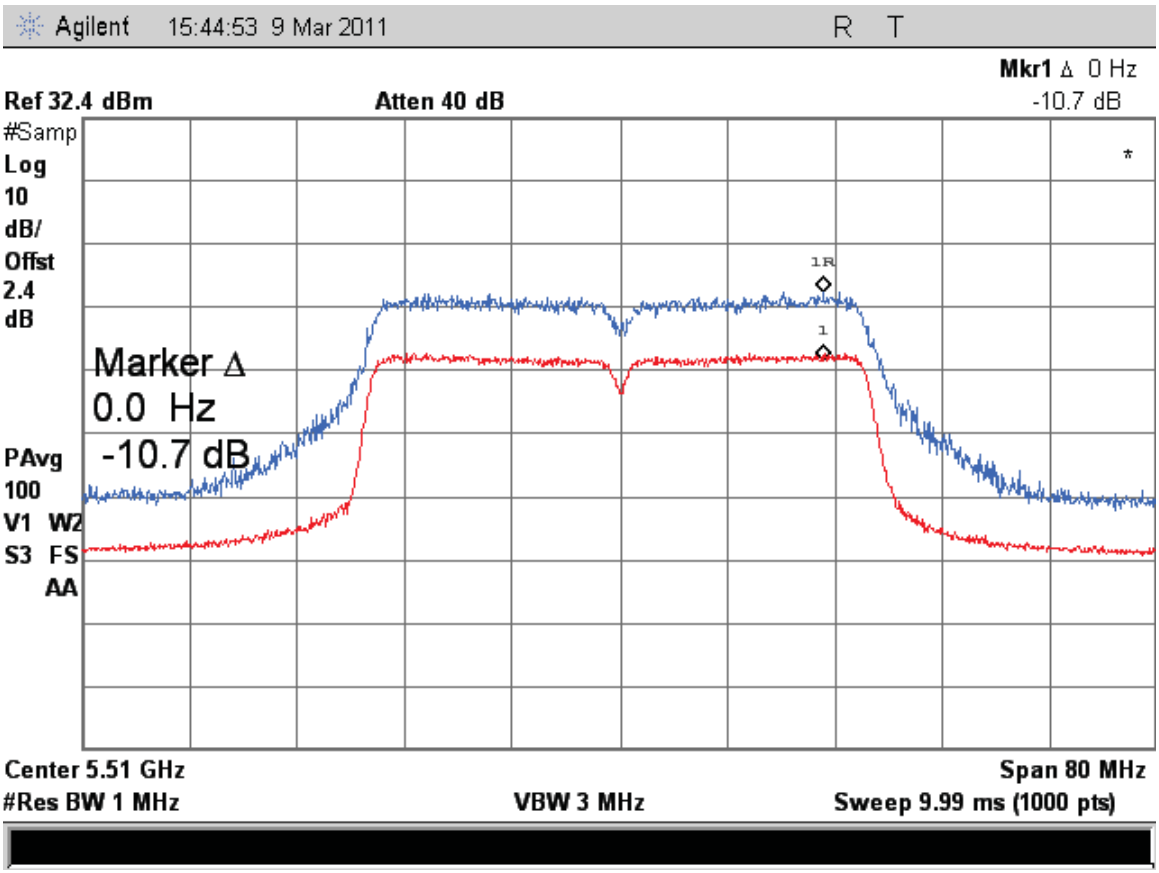


Figure 376: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

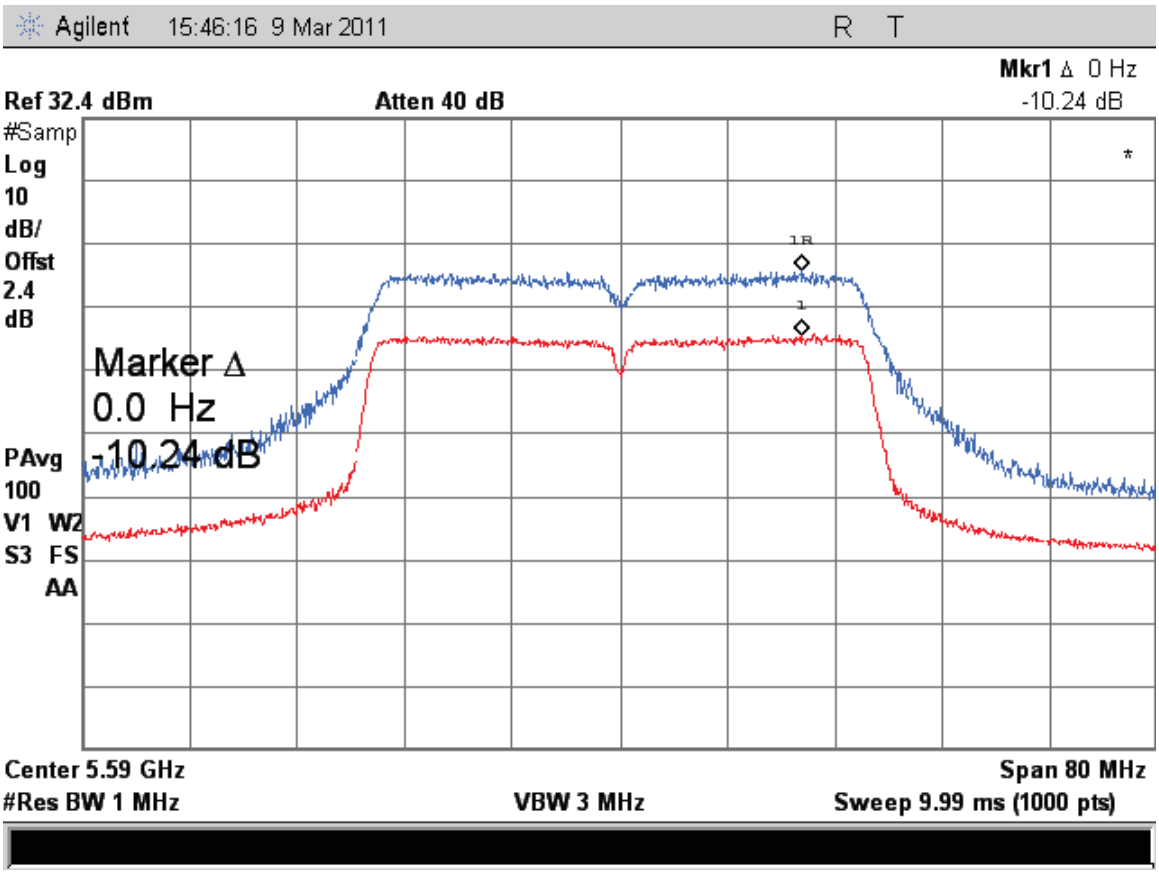


Figure 377: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

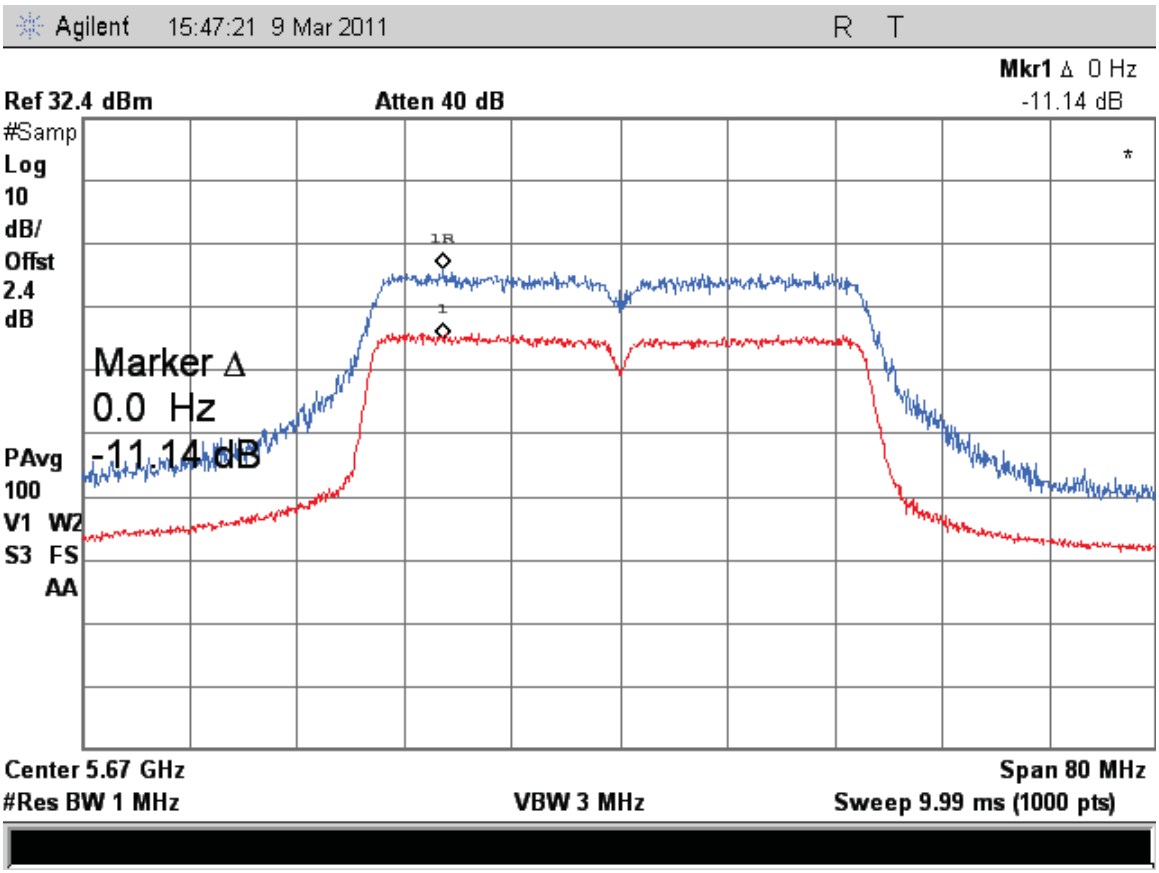


Figure 378: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 1 – 40.5Mbps

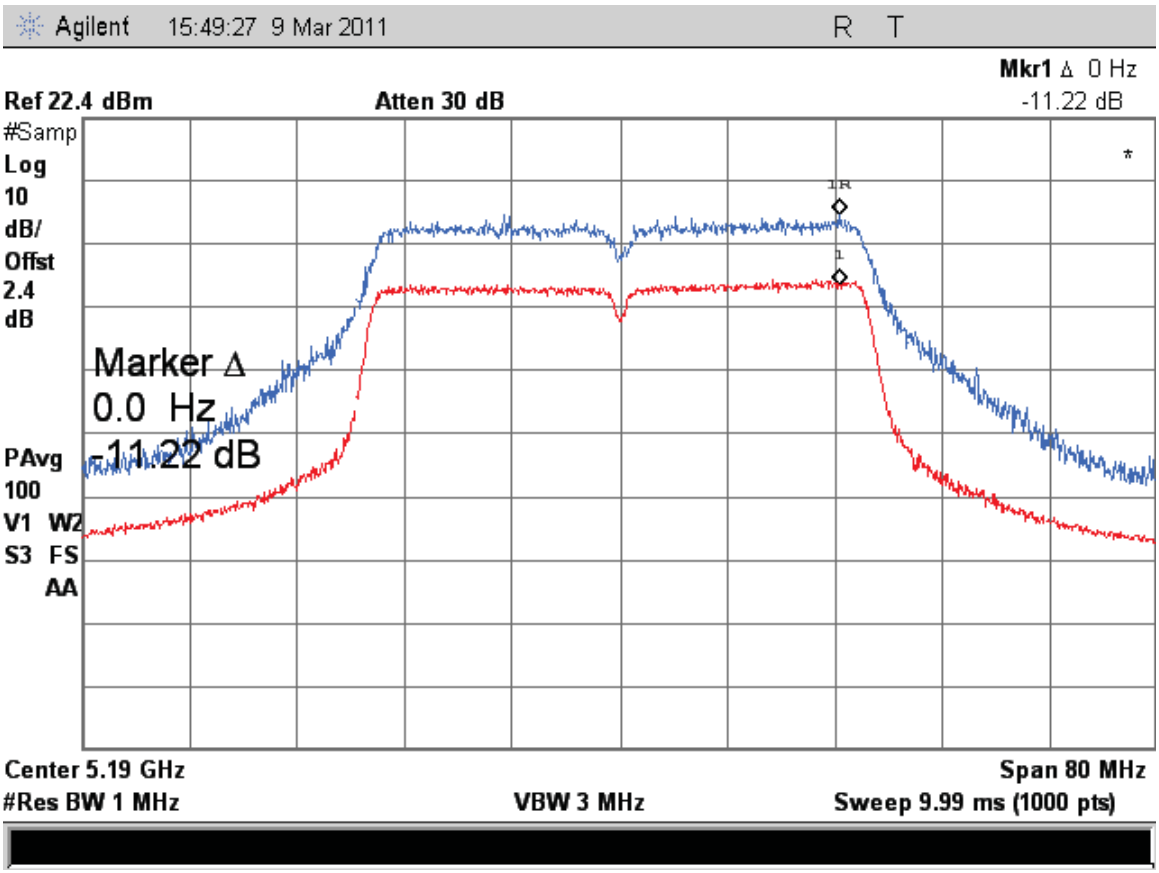


Figure 379: Peak Excursion, 5190 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

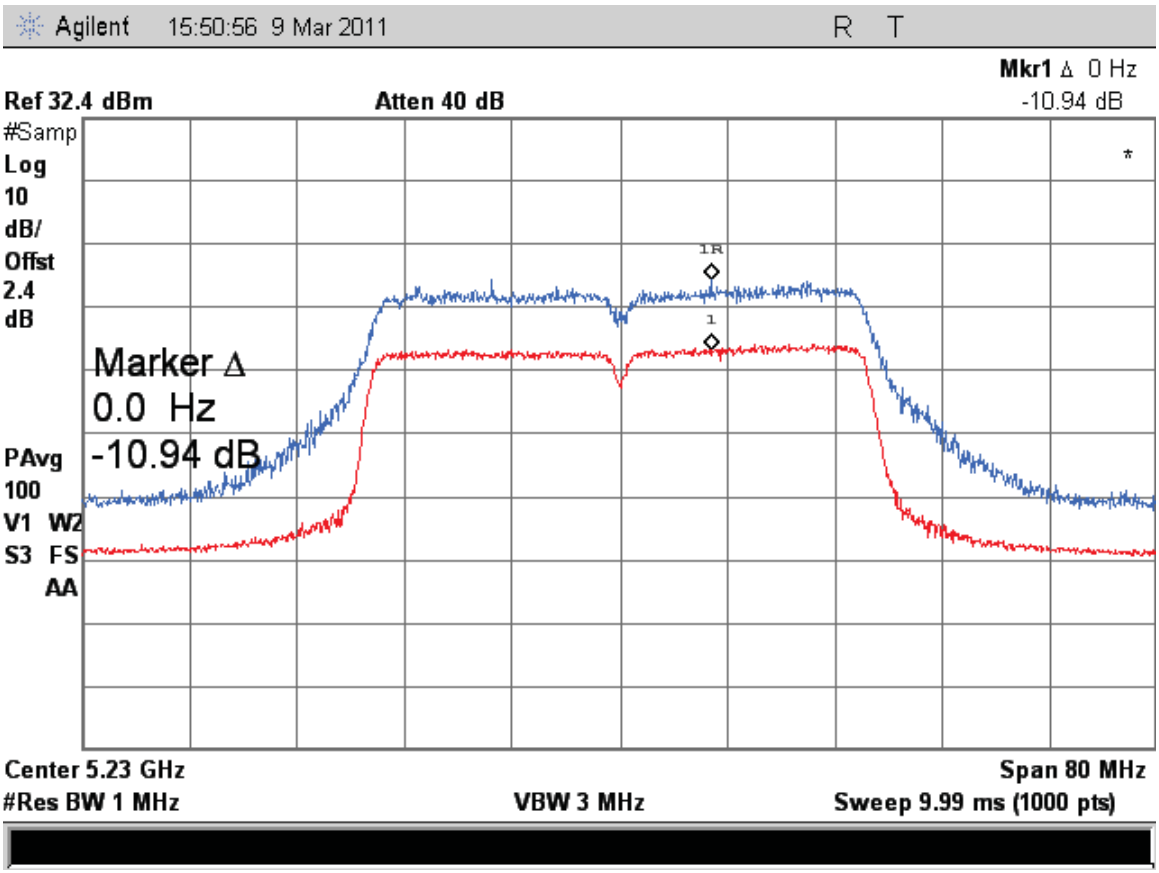


Figure 380: Peak Excursion, 5230 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

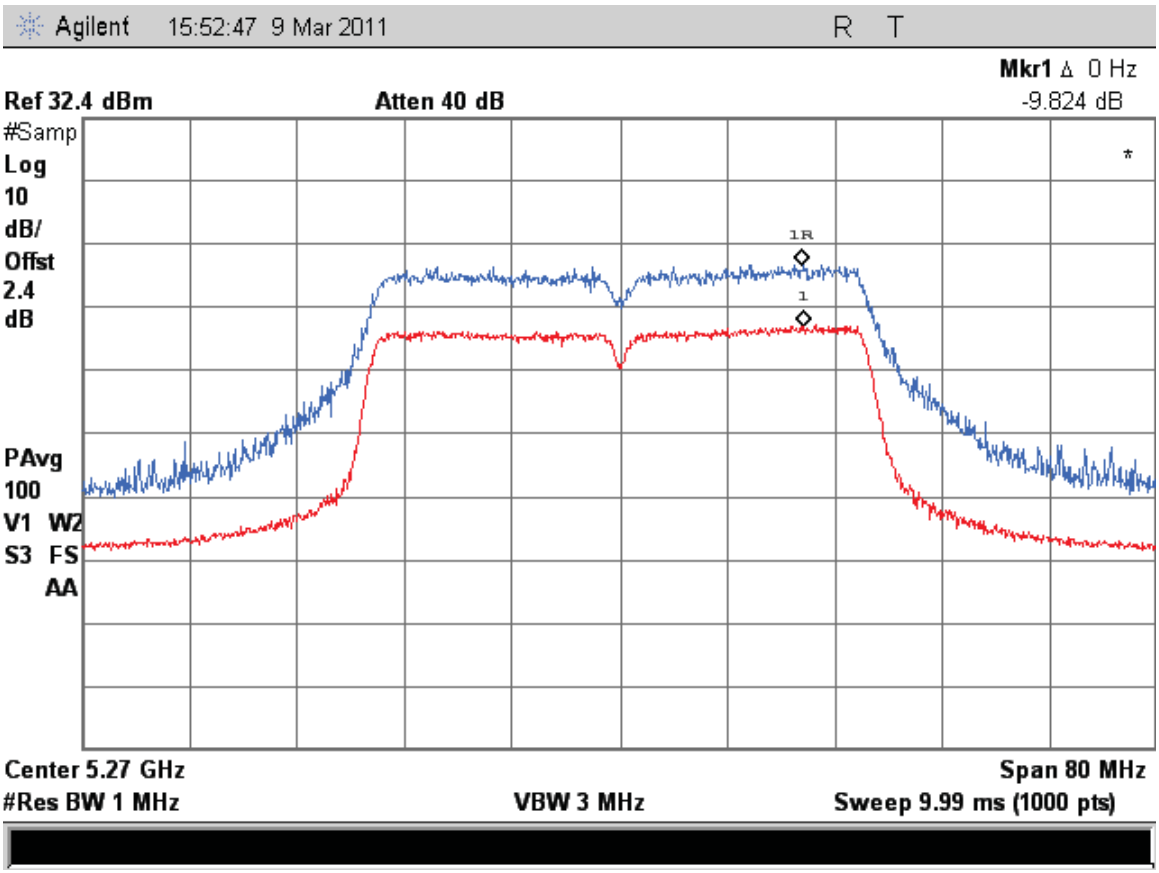


Figure 381: Peak Excursion, 5270 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

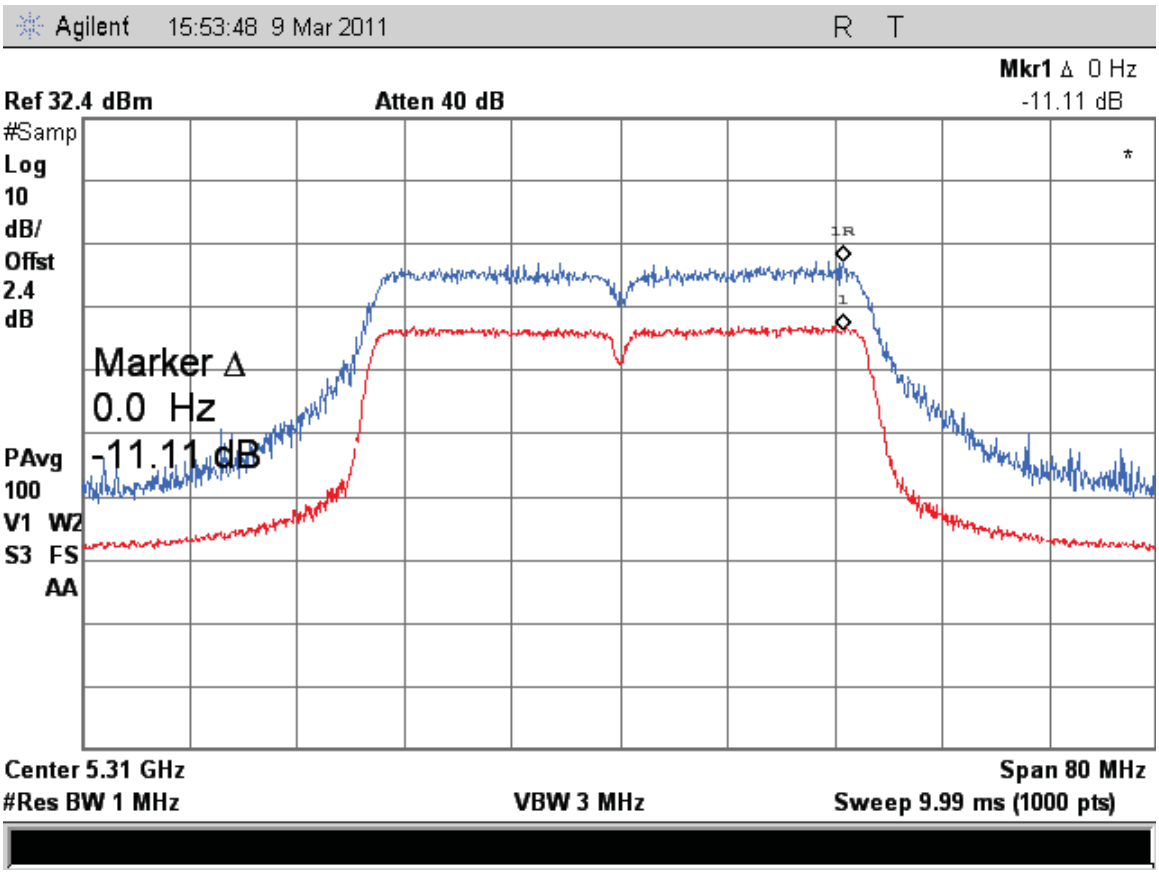


Figure 382: Peak Excursion, 5310 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

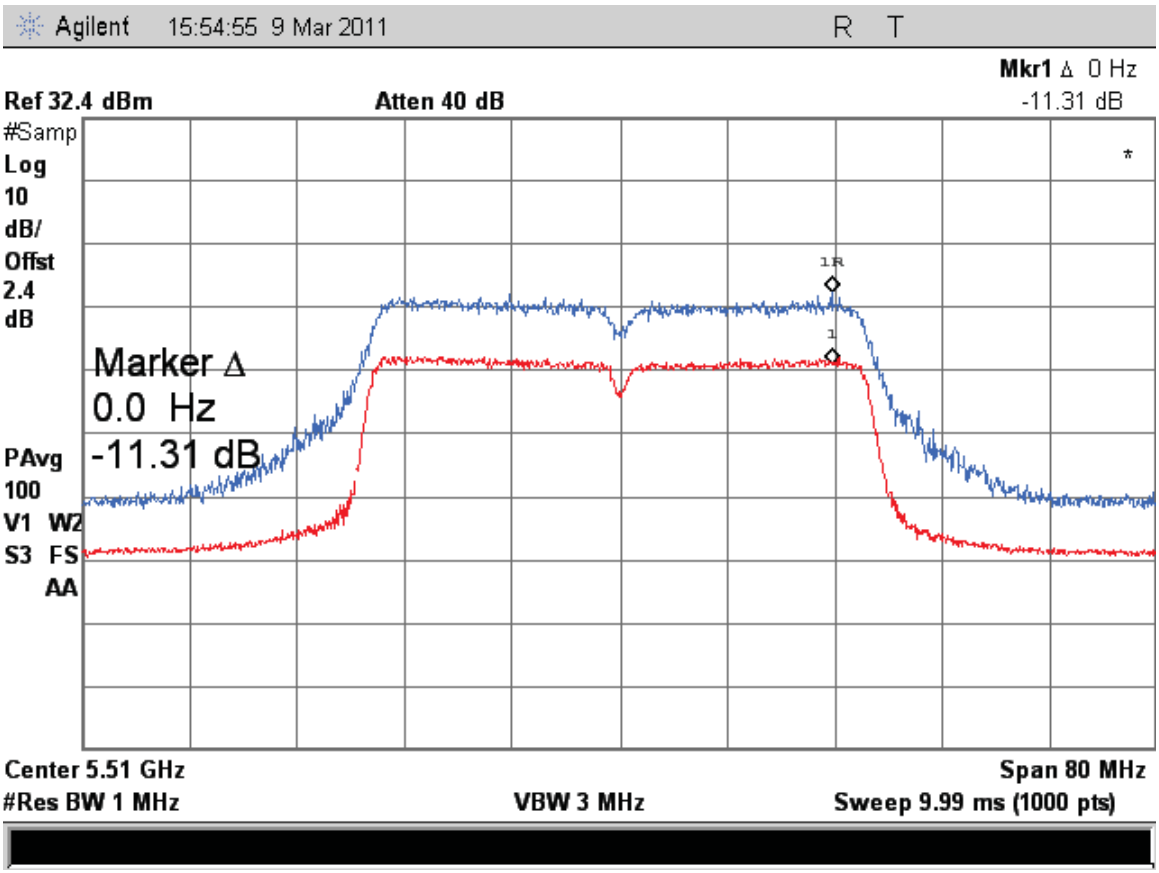


Figure 383: Peak Excursion, 5510 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

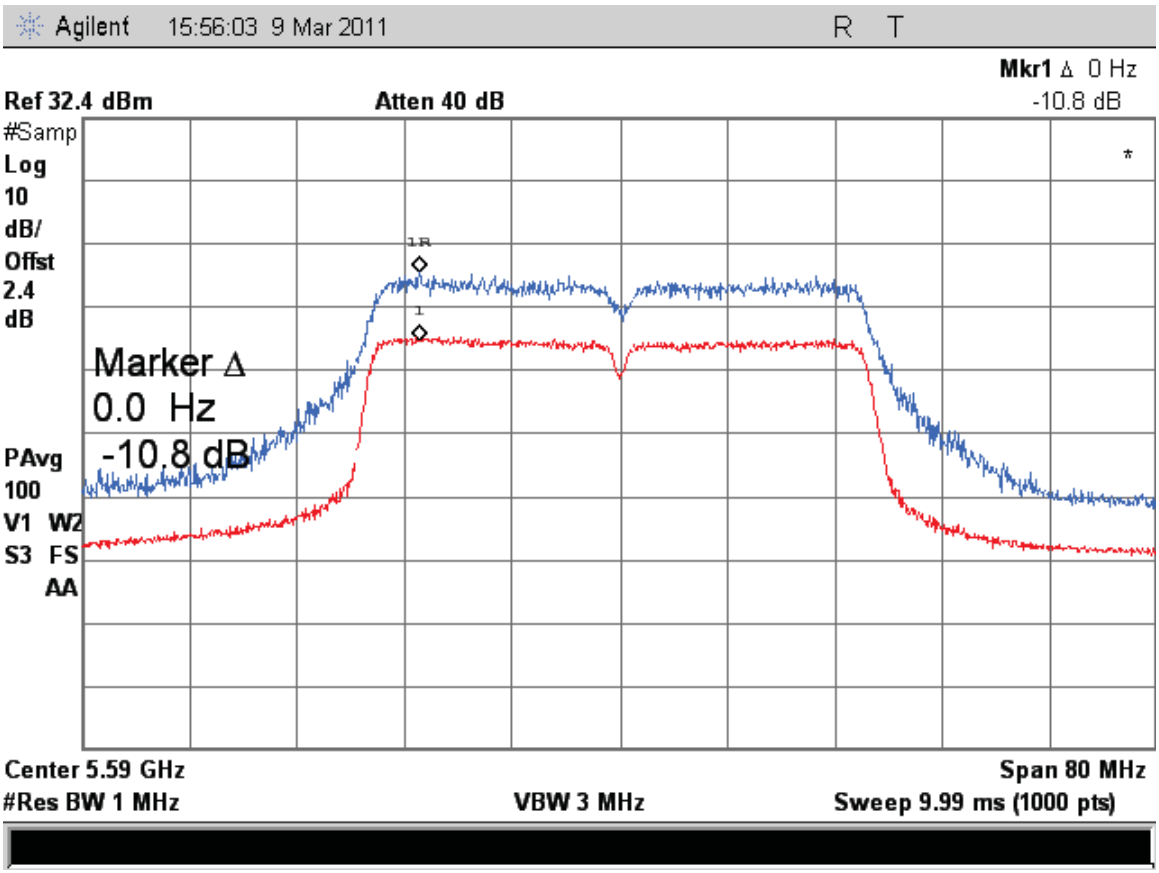


Figure 384: Peak Excursion, 5590 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

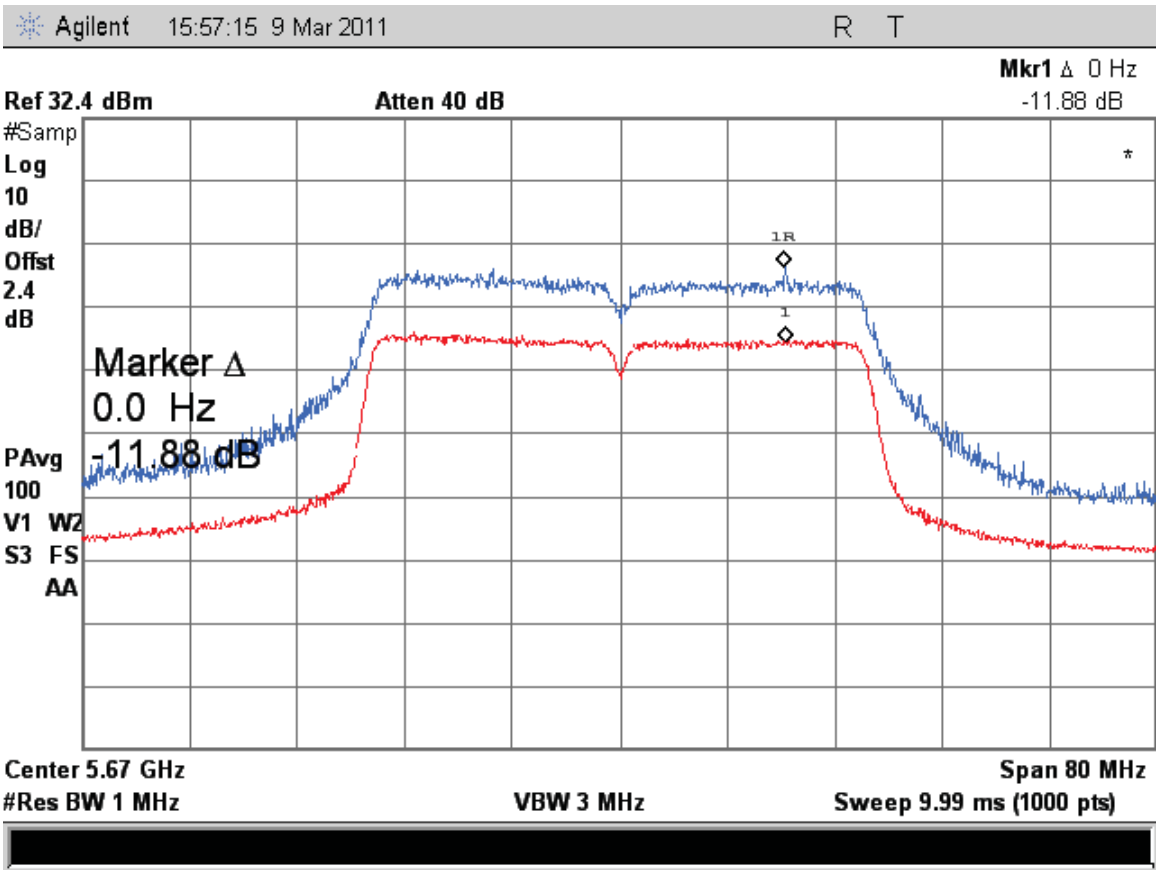


Figure 385: Peak Excursion, 5670 MHz at 802.11n (HT40), Chain 2 – 40.5Mbps

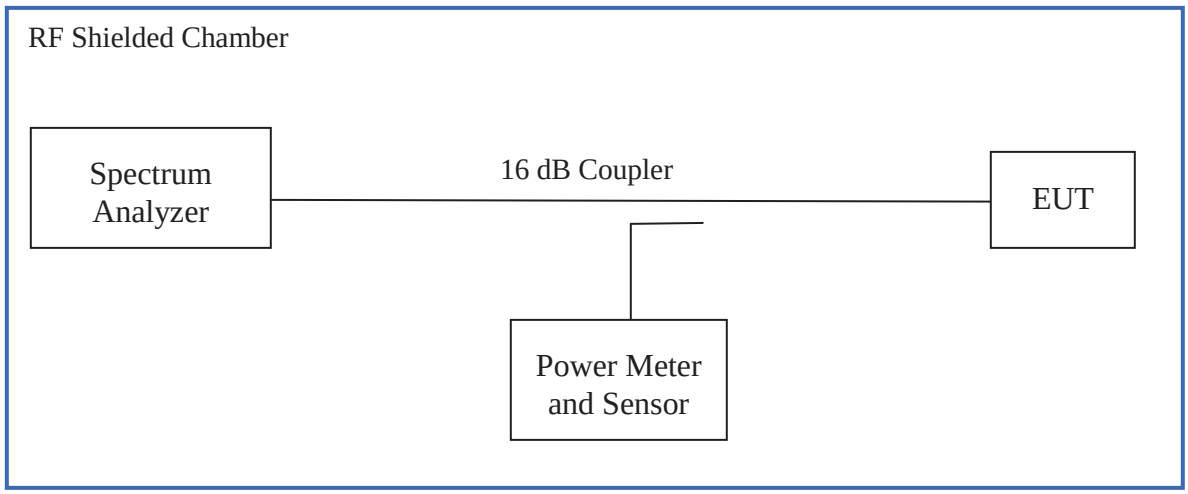
4.4 Peak Power Spectral Density

According to the CFR47 Part 15.407 (a)(5) and RSS 210 (A9.2), the spectral power density output of the antenna port shall be less than 4dBm at 5150 MHz to 5250 MHz, 11 dBm at 5250 Mhz to 5350 MHz and 5470 MHz to 5725 MHz in any 1 MHz band during any time interval of continuous transmission.

4.4.1 Test Method

The conducted method was used to measure the channel power output per ANSI C63.10-2009 Section 6.11.2. The measurement was performed with modulation per CFR47 Part 15.407 (a) and RSS 210 (A9.2). The pre-evaluation was performed to find the worst modes. The worst findings were conducted on 3 channels in each operating frequency range of 5150 MHz to 5250 MHz, 5250 MHz to 5350 MHz, 5470 MHz to 5725 MHz. The worst sample result indicated below.

Test Setup:



4.4.2 Results

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

Table 5: Peak Power Spectral Density – Test Results

Test Conditions: Conducted Measurement, Normal Temperature and Voltage only							
Antenna Type: Integrated			**Power Setting:** See Test plan				
Max. Antenna Gain: + 3.2 dBi			**Signal State:** Modulated (100%)				
Ambient Temp.: 21 °C			**Relative Humidity:**31%				
Peak Power Spectral Density							
802.11a Mode							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5180	1.92	2.69	1.19		2.69	4.0	-1.31
5220	3.11	2.23	1.43		3.11	4.0	-0.89
5240	2.78	2.28	1.69		2.78	4.0	-1.22
5260	7.14	5.69	5.72		7.14	11.0	-3.86
5300	5.41	6.33	5.84		6.33	11.0	-4.67
5320	4.93	6.07	5.23		6.07	11.0	-4.93
5500	5.19	4.78	4.95		5.19	11.0	-5.81
5600	4.47	5.65	5.49		5.65	11.0	-5.35
5700	3.83	5.12	5.18		5.18	11.0	-5.82
Note: The highest peak power spectral density was observed at 6 Mbps.							

802.11n (HT20) Mode, 1x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5180	-0.10	0.66	-1.43		0.66	4.0	-3.34
5220	1.18	0.39	-0.54		1.18	4.0	-2.82
5240	0.64	0.59	-0.46		0.64	4.0	-3.36
5260	5.91	6.01	4.72		6.01	11.0	-4.99
5300	5.27	3.84	5.75		5.75	11.0	-5.25
5320	4.44	6.07	5.22		6.07	11.0	-4.93
5500	0.22	0.66	0.59		0.66	11.0	-10.34
5600	3.26	5.61	5.17		5.61	11.0	-5.39
5700	3.62	6.41	6.14		6.41	11.0	-4.59
Note: The highest peak power spectral density was observed at HT20 6.5Mbps, 1 Data Stream.							

802.11n (HT20) Mode, 2x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5180	0.25	0.35		3.01	3.36	4.0	-0.64
5220	0.77	-0.52		3.01	3.78	4.0	-0.22
5240	0.22	-0.16		3.01	3.23	4.0	-0.77
5260	5.90	4.99		3.01	8.91	11.0	-2.09
5300	4.78	5.36		3.01	8.37	11.0	-2.63
5320	4.16	4.90		3.01	7.91	11.0	-3.09
5500	0.09	-0.46		3.01	3.1	11.0	-7.90
5600	3.70	4.29		3.01	7.3	11.0	-3.70
5700	4.62	5.54		3.01	8.55	11.0	-2.45

Note: 1. The highest peak output power was observed at HT20 13 Mbps, 2 Data Stream.
2. CF was accounted for the number of data streams being used, 10*Log(N) per KDB 662911; where N is number of outputs.

802.11n (HT20) Mode, 3x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5180	-2.89	-1.60	-2.90	4.77	3.17	4.0	-0.83
5220	-0.90	-1.91	-2.65	4.77	3.87	4.0	-0.13
5240	-1.84	-1.44	-1.58	4.77	3.33	4.0	-0.67
5260	4.96	4.67	2.97	4.77	9.73	11.0	-1.27
5300	4.75	4.78	4.91	4.77	9.68	11.0	-1.32
5320	4.01	4.62	3.77	4.77	9.39	11.0	-1.61
5500	-1.19	-1.38	-1.26	4.77	3.58	11.0	-7.42
5600	2.77	3.35	3.18	4.77	8.12	11.0	-2.88
5700	2.84	4.38	3.23	4.77	9.15	11.0	-1.85

Note: 1. The highest peak output power was observed at HT20 19.5 Mbps, 3 Data Streams.
2. CF was accounted for the number of data streams being used, 10*Log(N) per KDB 662911; where N is number of outputs.

802.11n (HT40) Mode, 1x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5190	-3.59	-3.78	-4.63		-3.59	4.0	-7.59
5230	-3.17	-3.67	-3.76		-3.17	4.0	-7.17
5270	2.41	0.22	1.71		2.41	11.0	-8.59
5310	1.18	1.808	1.75		1.808	11.0	-9.19
5510	-4.43	-3.02	-2.81		-2.81	11.0	-13.81
5590	-2.20	-0.34	0.13		0.13	11.0	-10.87
5670	-2.02	0.13	0.61		0.61	11.0	-10.39
Note: The highest peak output power was observed at HT40 13.5 Mbps, 1 Data Stream.							

802.11n (HT40) Mode, 2x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5190	-4.22	-4.27		3.01	-1.21	4.0	-5.21
5230	-3.33	-4.52		3.01	-0.32	4.0	-4.32
5270	2.53	-1.05		3.01	5.54	11.0	-5.46
5310	0.61	1.32		3.01	4.33	11.0	-6.67
5510	-3.96	-3.75		3.01	-0.74	11.0	-11.74
5590	-2.76	-0.77		3.01	2.24	11.0	-8.76
5670	-2.83	0.02		3.01	3.03	11.0	-7.97

Note: 1. The highest peak output power was observed at HT40 27 Mbps, 2 Data Streams.
2. CF was accounted for the number of data streams being used, 10*Log(N) per KDB 662911; where N is number of outputs.

802.11n (HT40) Mode, 3x3							
Frequency (MHz)	**Chain 0 [dBm]**	**Chain 1 [dBm]**	**Chain 2 [dBm]**	**CF [dB]**	**Max. PPSD [dBm]**	**Limit [dBm]**	**Margin [dB]**
5190	-3.98	-5.51	-6.52	4.77	0.79	4.0	-3.21
5230	-4.03	-5.44	-5.79	4.77	0.74	4.0	-3.26
5270	1.29	-1.92	0.00	4.77	6.06	11.0	-4.94
5310	-0.78	0.21	-0.45	4.77	4.98	11.0	-6.02
5510	-4.46	-5.04	-5.47	4.77	0.31	11.0	-10.69
5590	-1.98	-1.85	-2.73	4.77	2.92	11.0	-8.08
5670	-2.04	-1.25	-2.13	4.77	3.52	11.0	-7.48

Note: 1. The highest peak output power was observed at HT40 40.5 Mbps, 3 Data Streams.
2. CF was accounted for the number of data streams being used, 10*Log(N) per KDB 662911; where N is number of outputs.

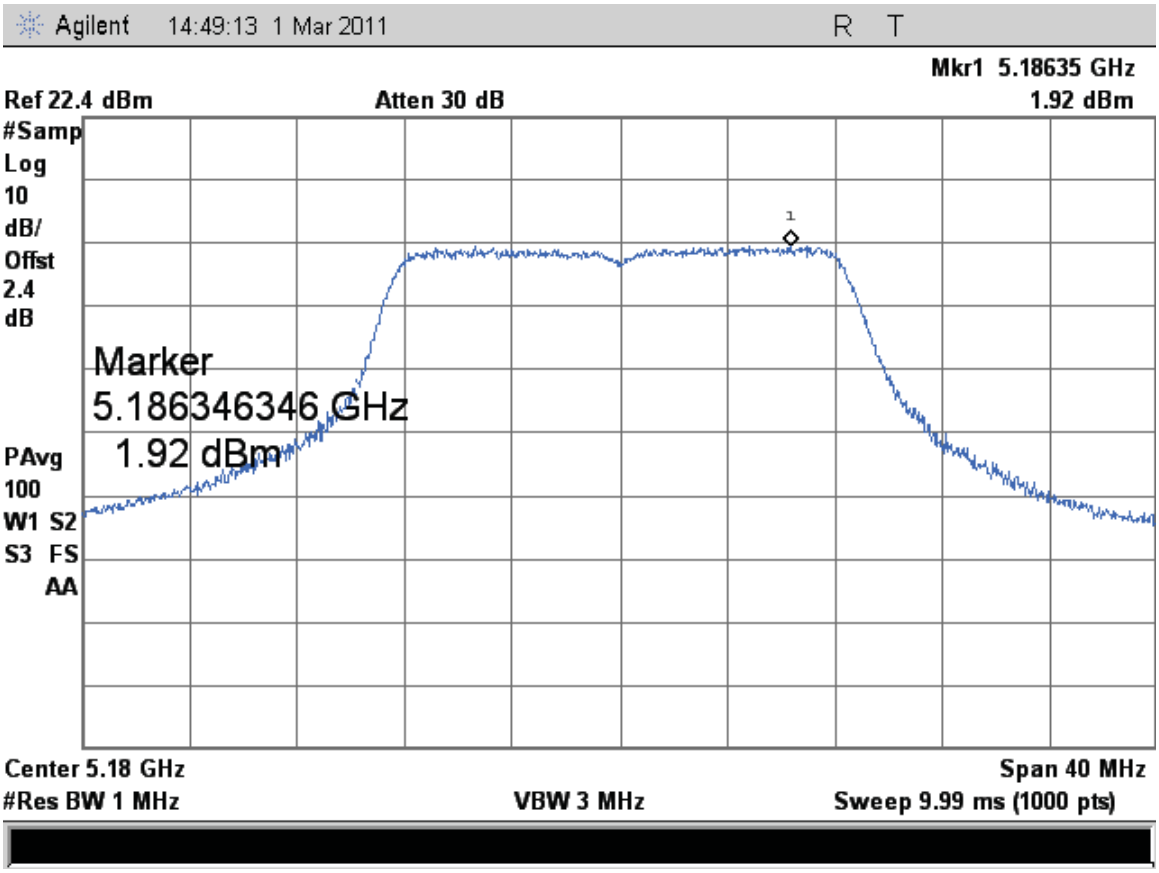


Figure 386: Peak Power Spectral Density, 5180 MHz at 802.11a, Chain 0 – 6 Mbps

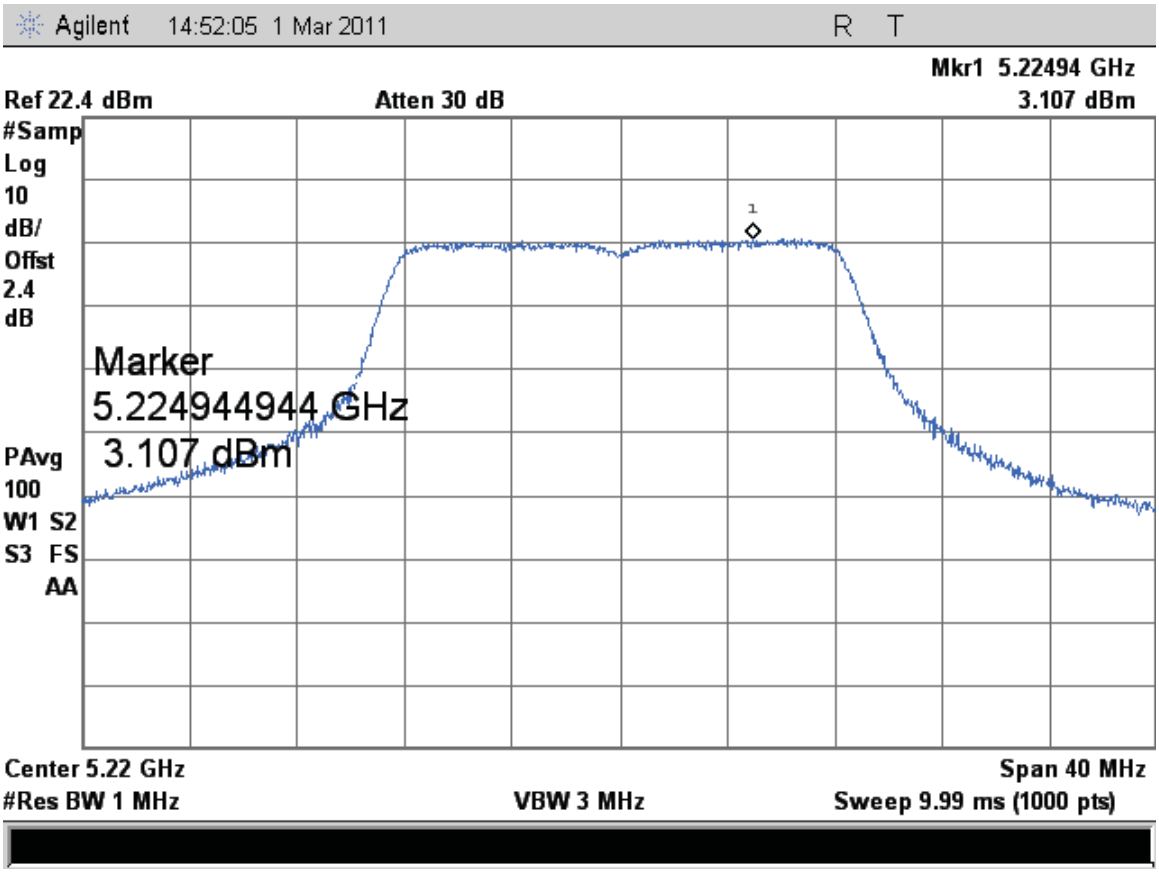


Figure 387: Peak Power Spectral Density, 5220 MHz at 802.11a, Chain 0 – 6 Mbps

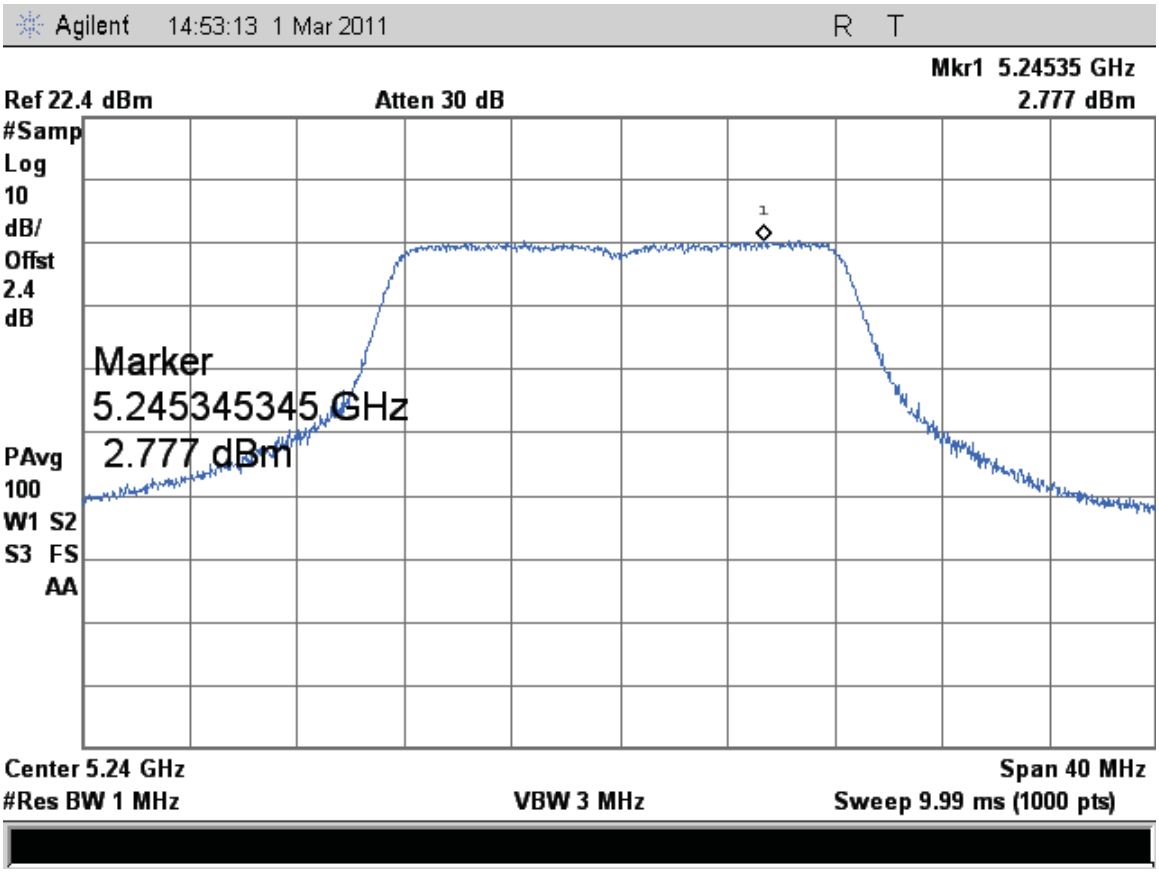


Figure 388: Peak Power Spectral Density, 5240 MHz at 802.11a, Chain 0 – 6 Mbps

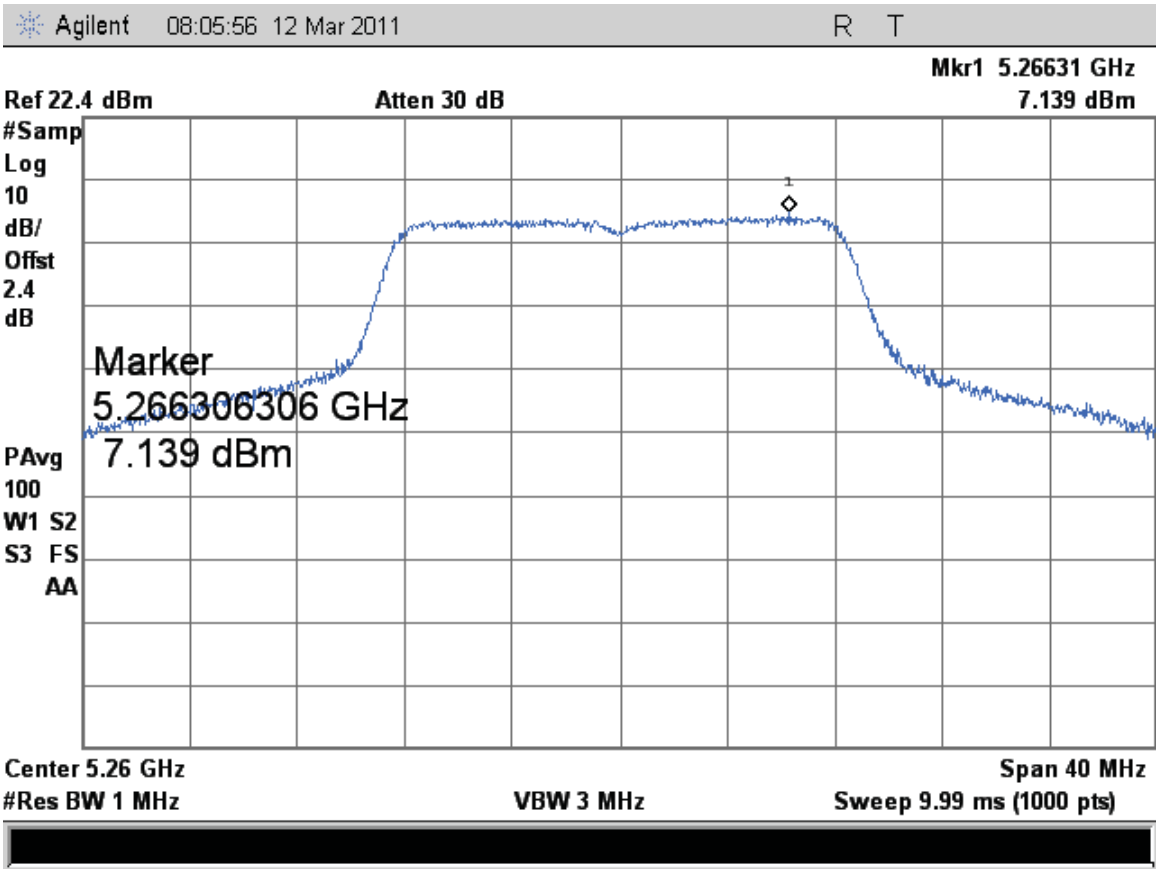


Figure 389: Peak Power Spectral Density, 5260 MHz at 802.11a, Chain 0 – 6 Mbps

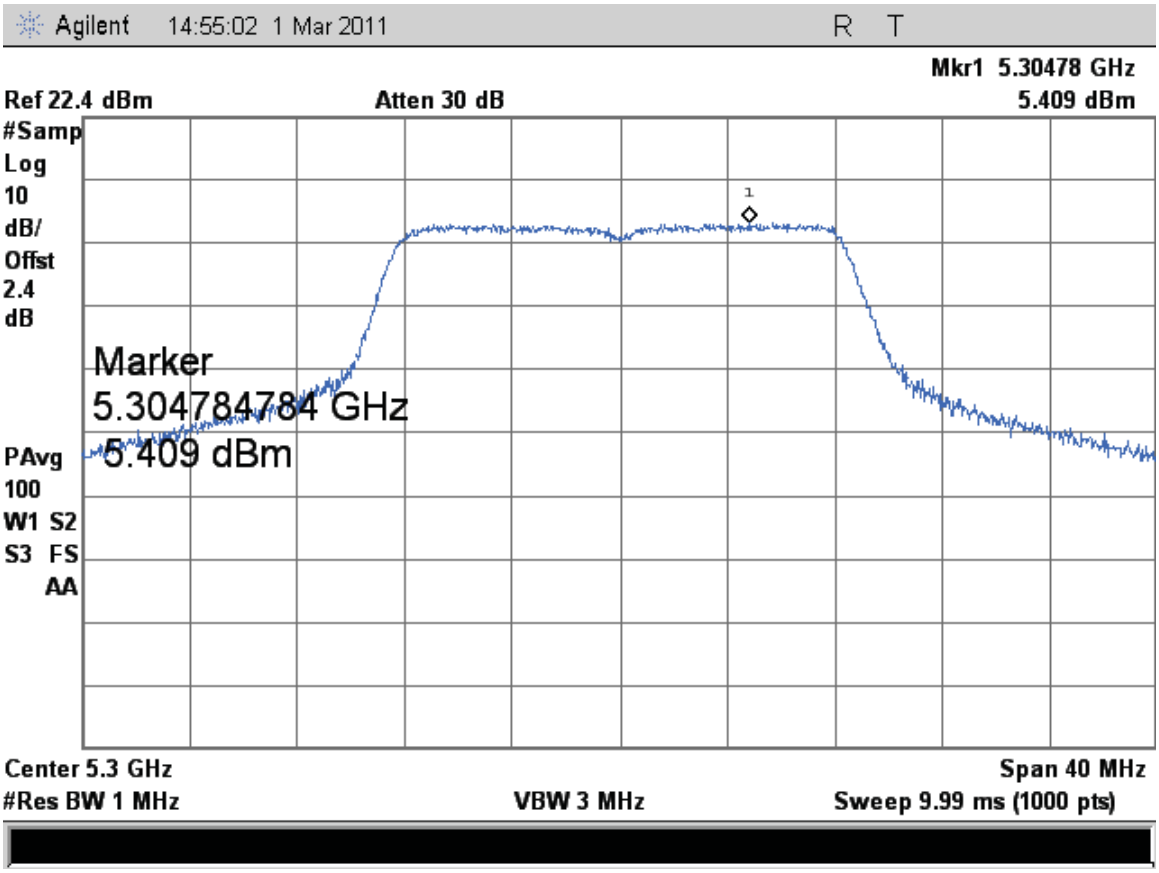


Figure 390: Peak Power Spectral Density, 5300 MHz at 802.11a, Chain 0 – 6 Mbps

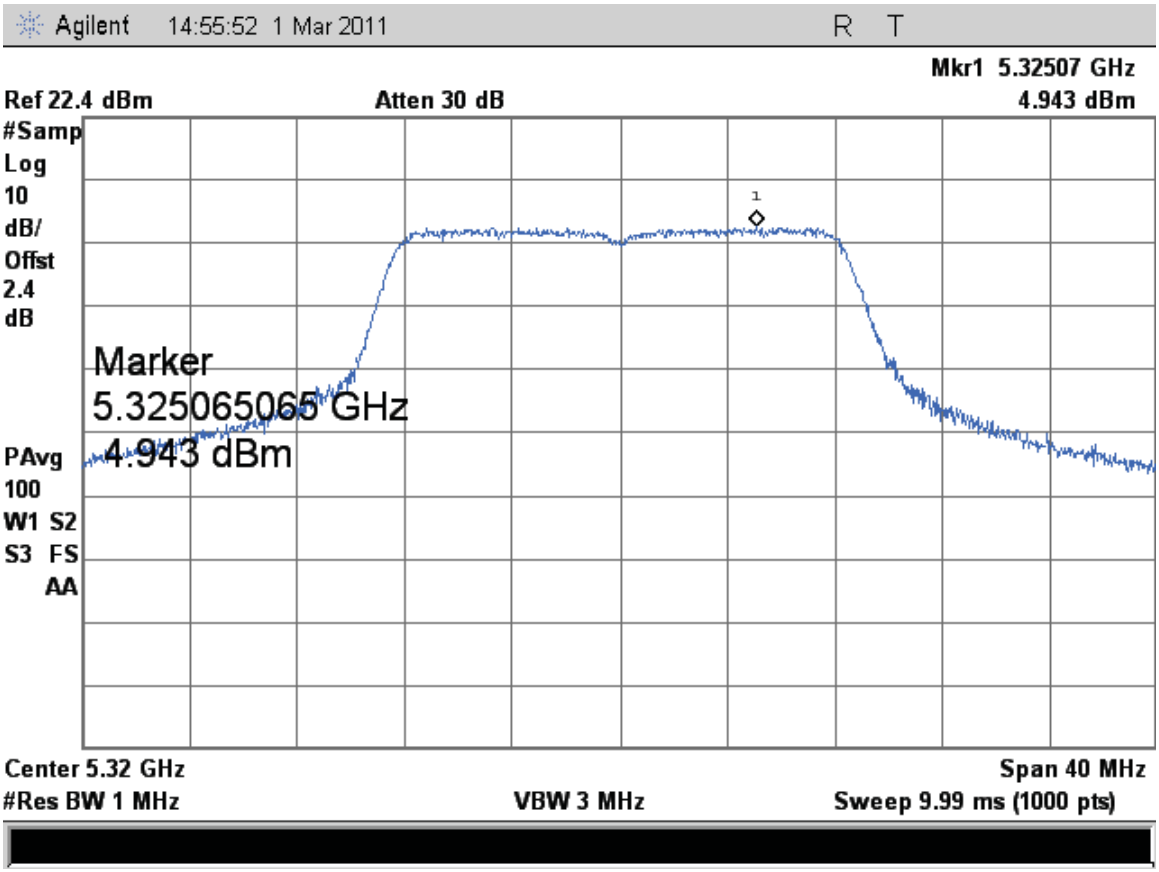


Figure 391: Peak Power Spectral Density, 5320 MHz at 802.11a, Chain 0 – 6 Mbps

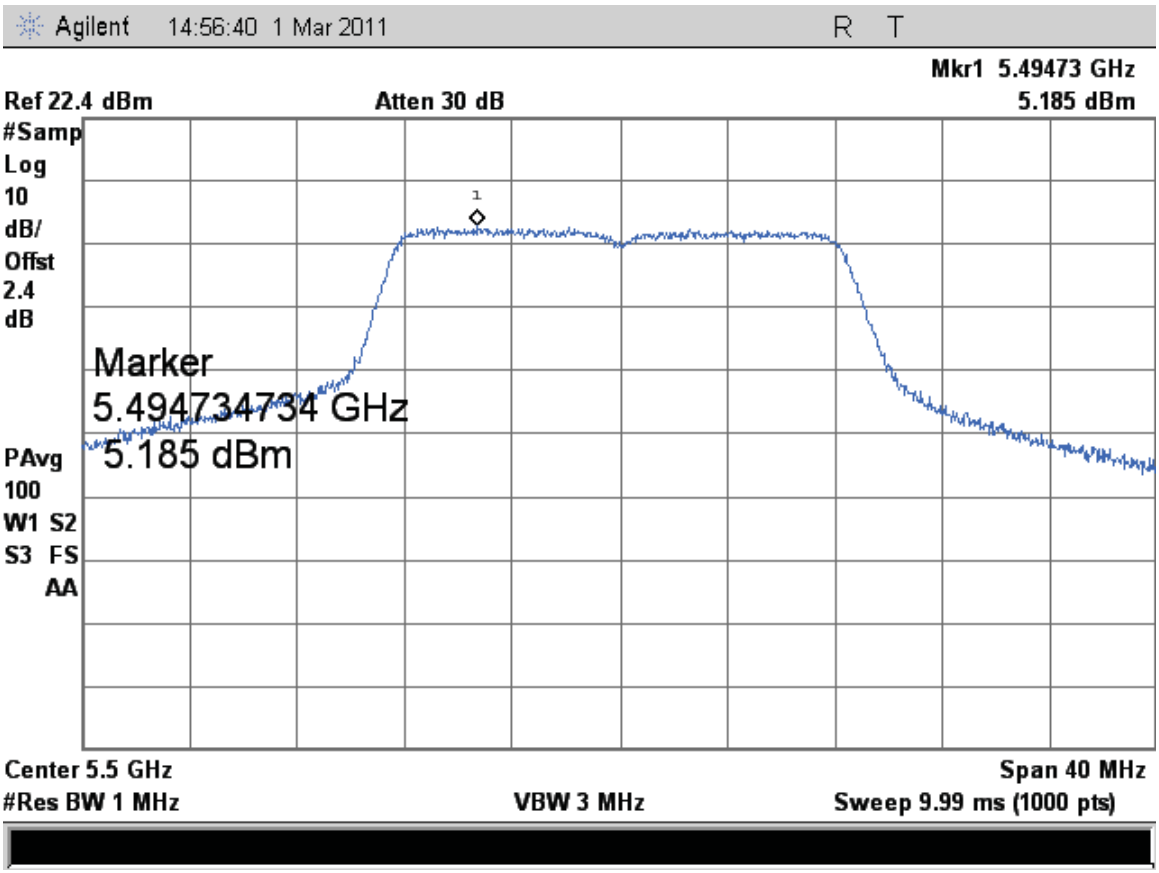


Figure 392: Peak Power Spectral Density, 5500 MHz at 802.11a, Chain 0 – 6 Mbps

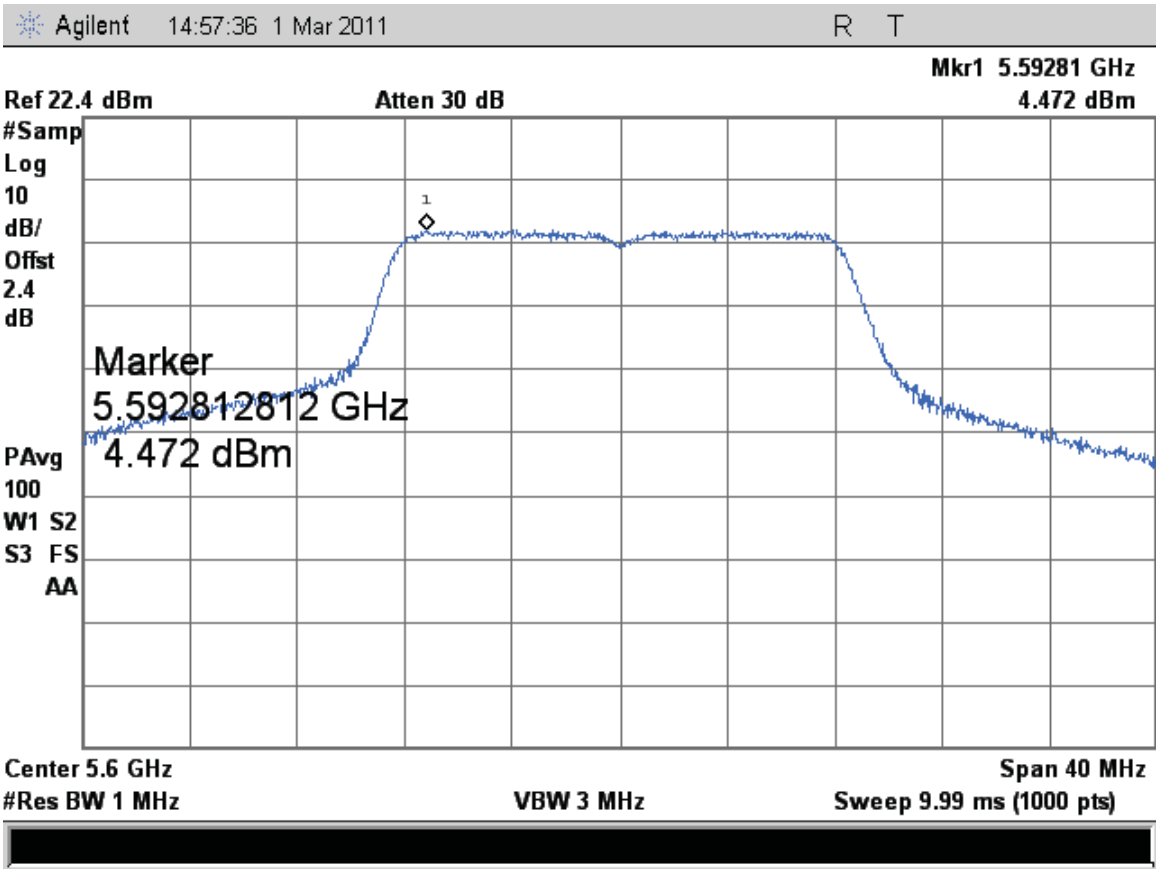


Figure 393: Peak Power Spectral Density, 5600 MHz at 802.11a, Chain 0 – 6 Mbps

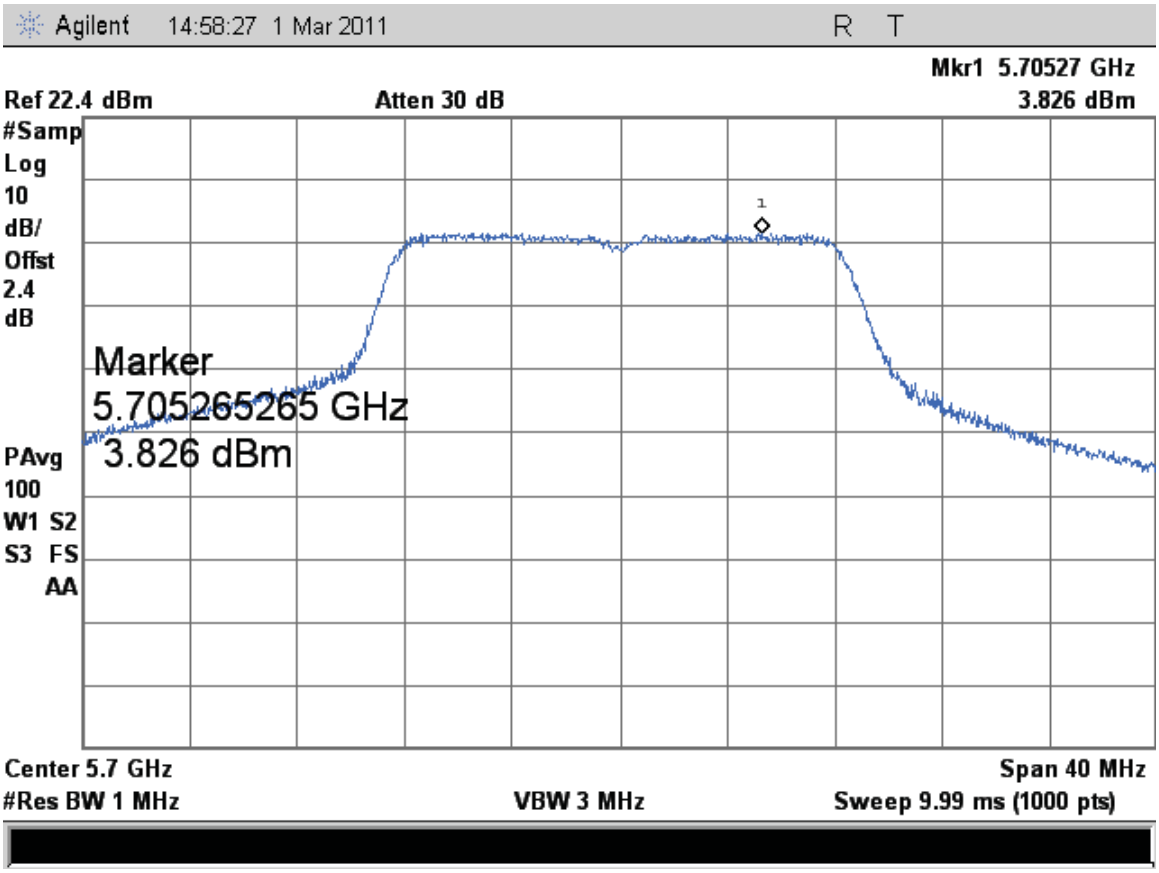


Figure 394: Peak Power Spectral Density, 5700 MHz at 802.11a, Chain 0 – 6 Mbps

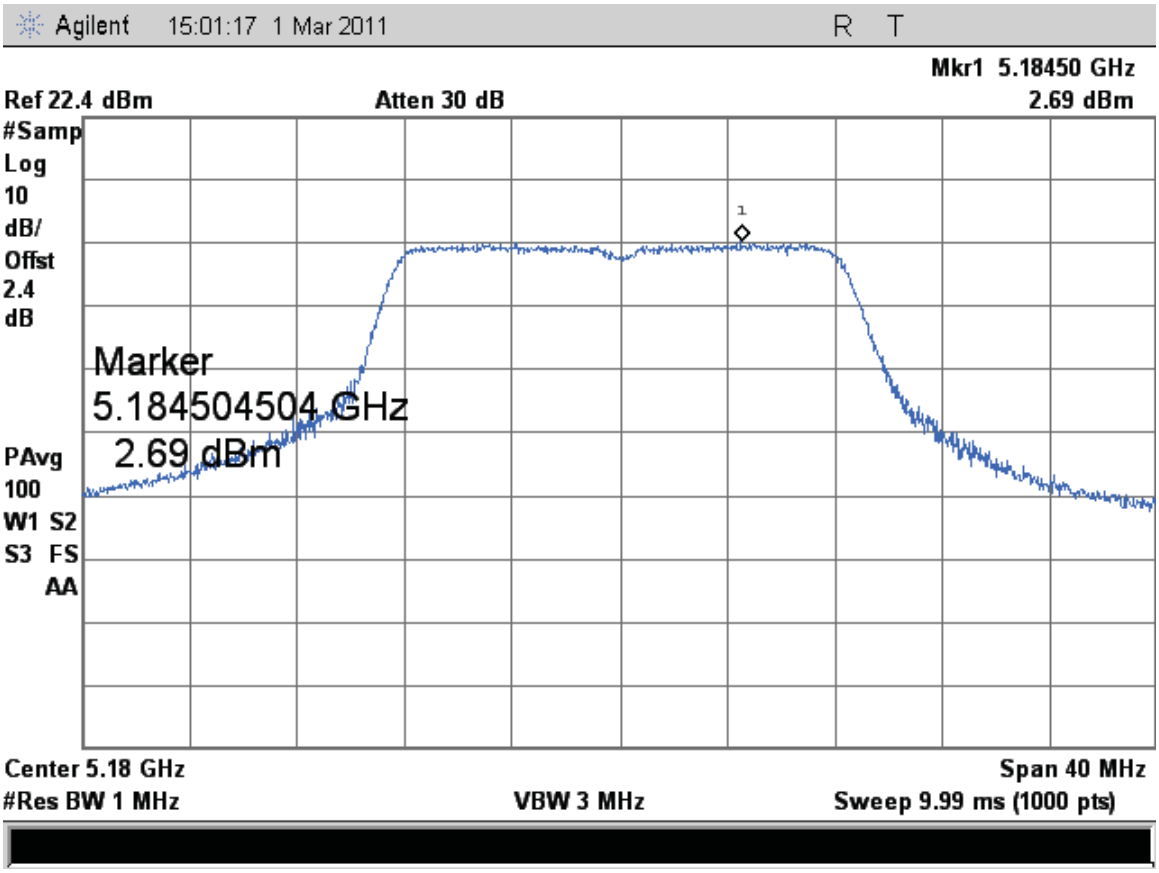


Figure 395: Peak Power Spectral Density, 5180 MHz at 802.11a, Chain 1 – 6 Mbps

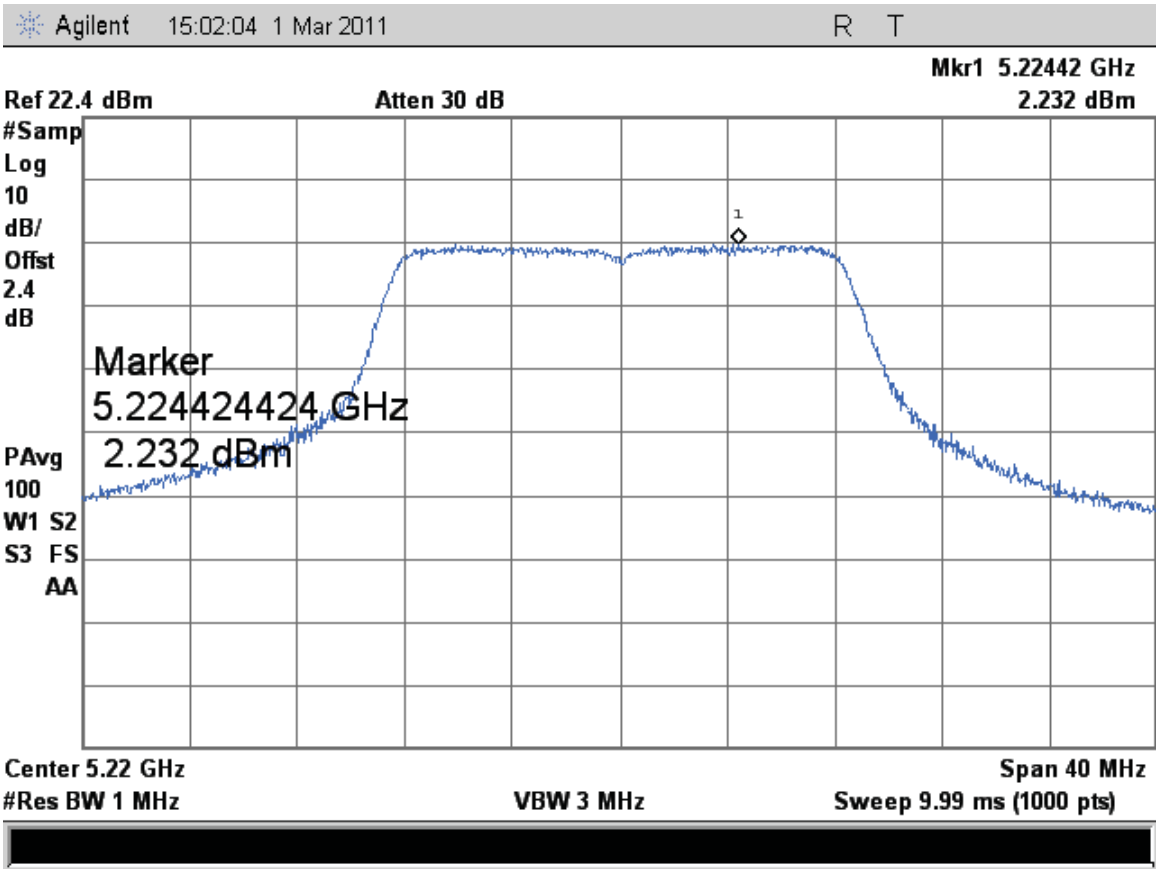


Figure 396: Peak Power Spectral Density, 5220 MHz at 802.11a, Chain 1 – 6 Mbps

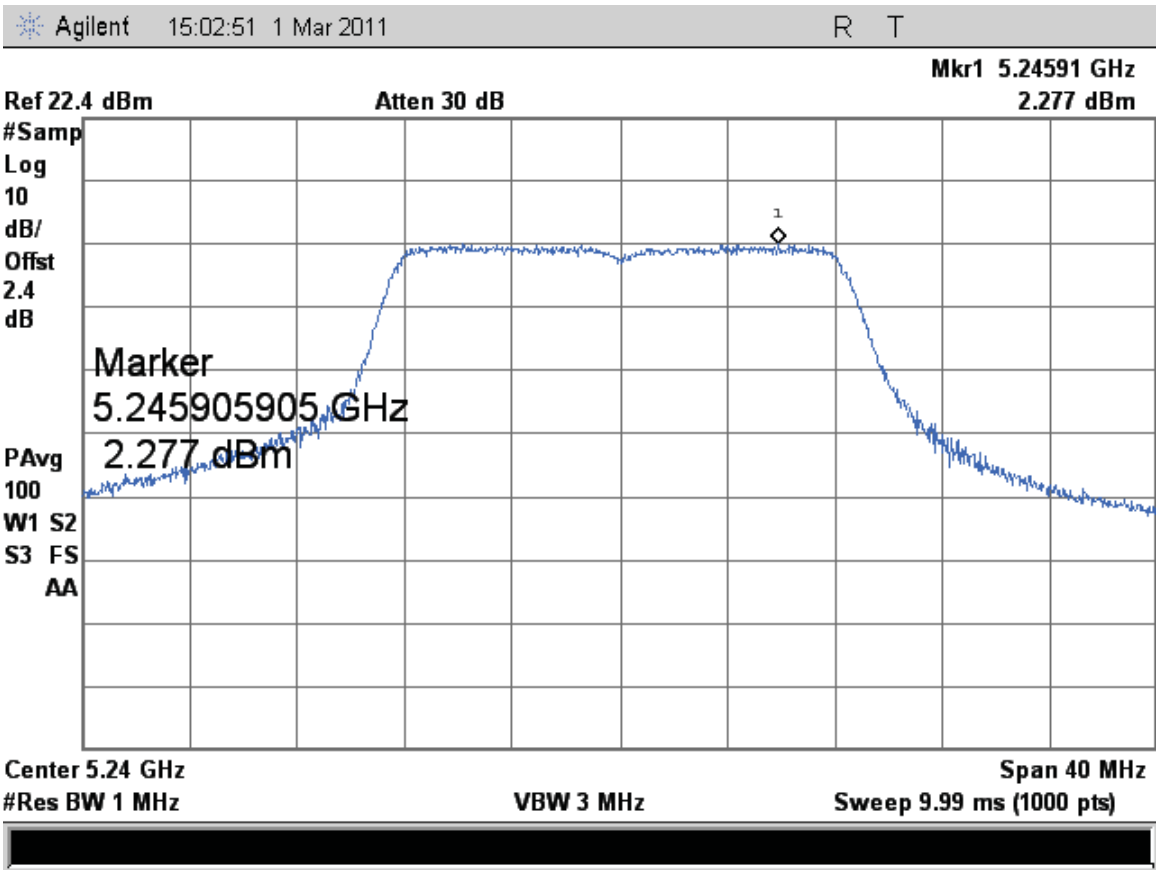


Figure 397: Peak Power Spectral Density, 5240 MHz at 802.11a, Chain 1 – 6 Mbps

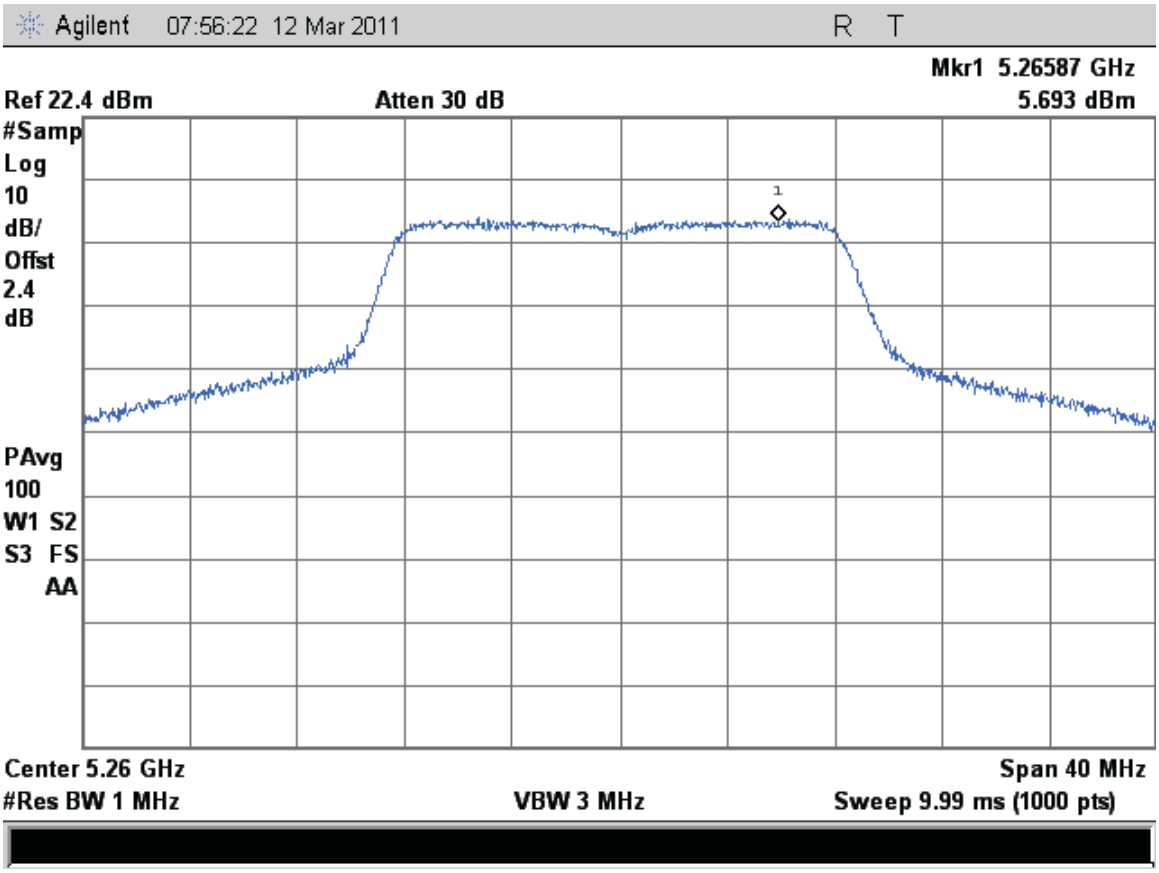


Figure 398: Peak Power Spectral Density, 5260 MHz at 802.11a, Chain 1 – 6 Mbps

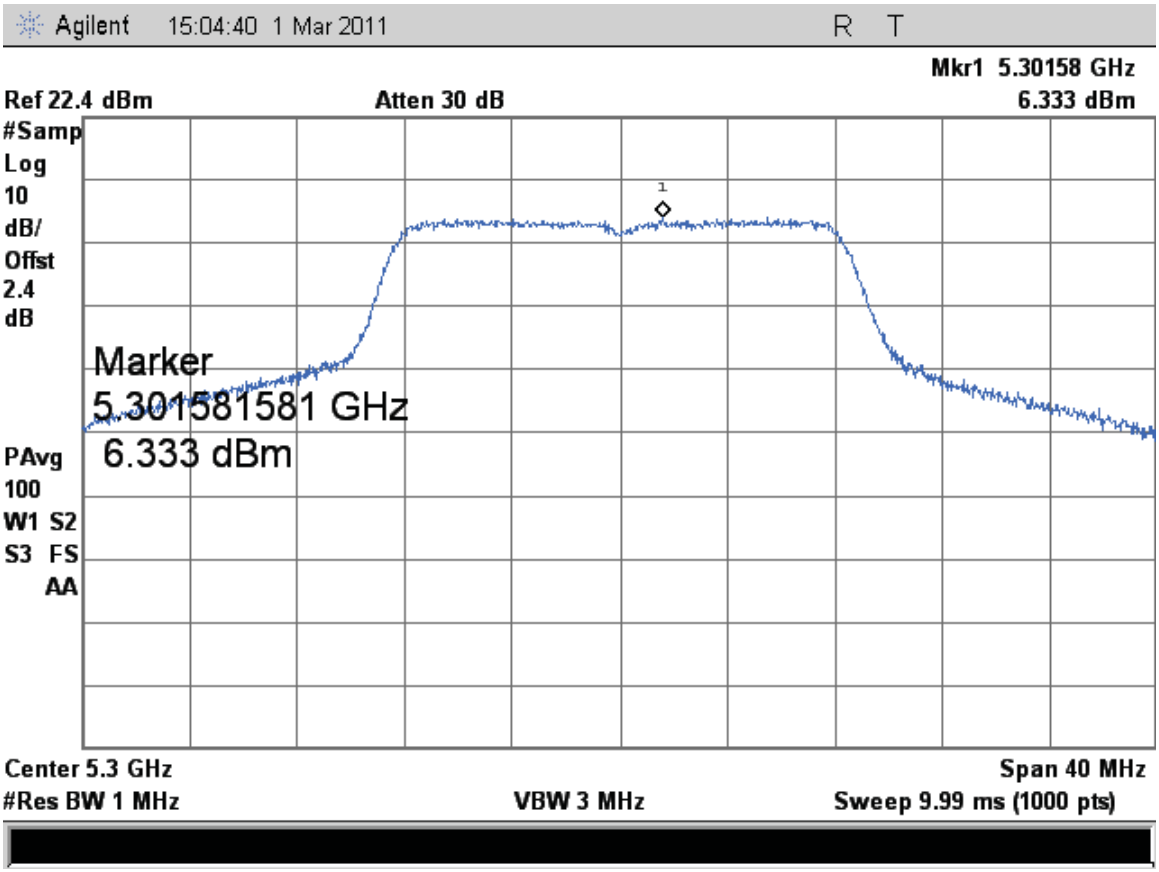


Figure 399: Peak Power Spectral Density, 5300 MHz at 802.11a, Chain 1 – 6 Mbps

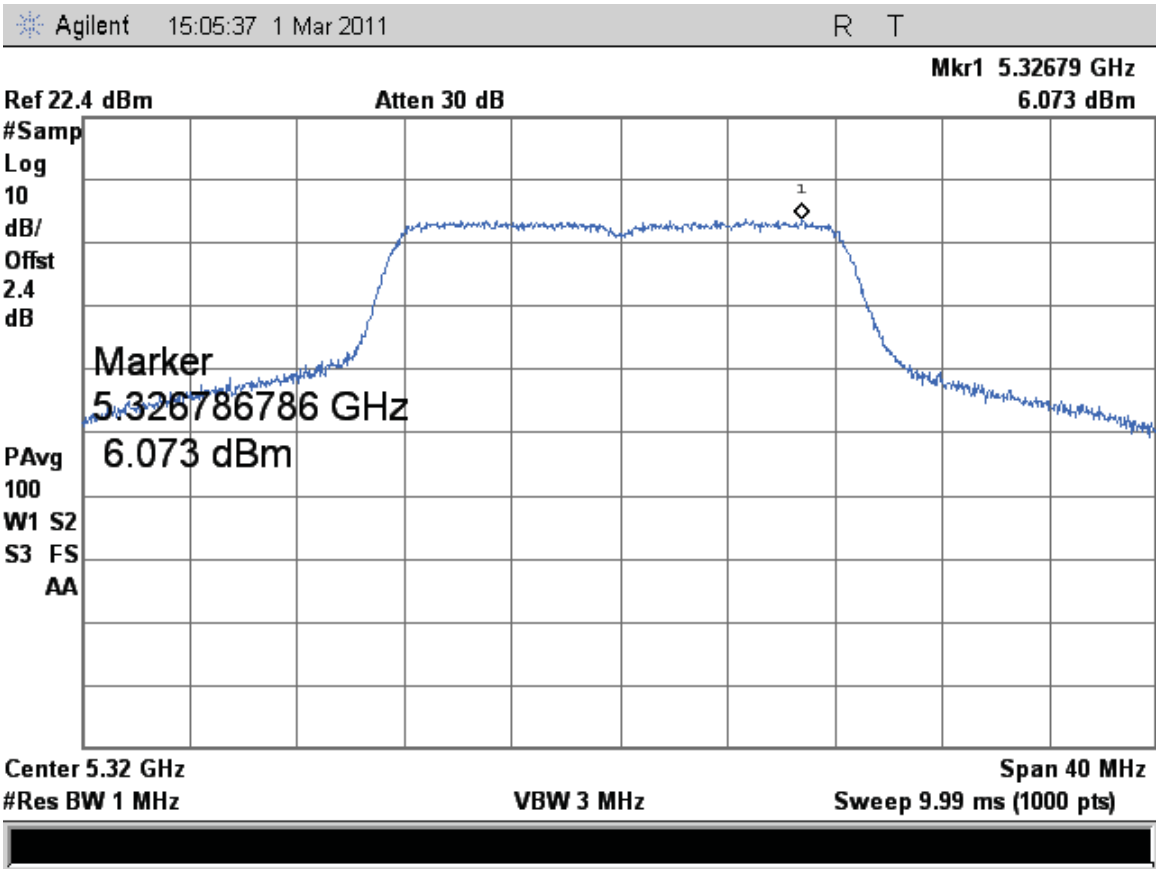


Figure 400: Peak Power Spectral Density, 5320 MHz at 802.11a, Chain 1 – 6 Mbps

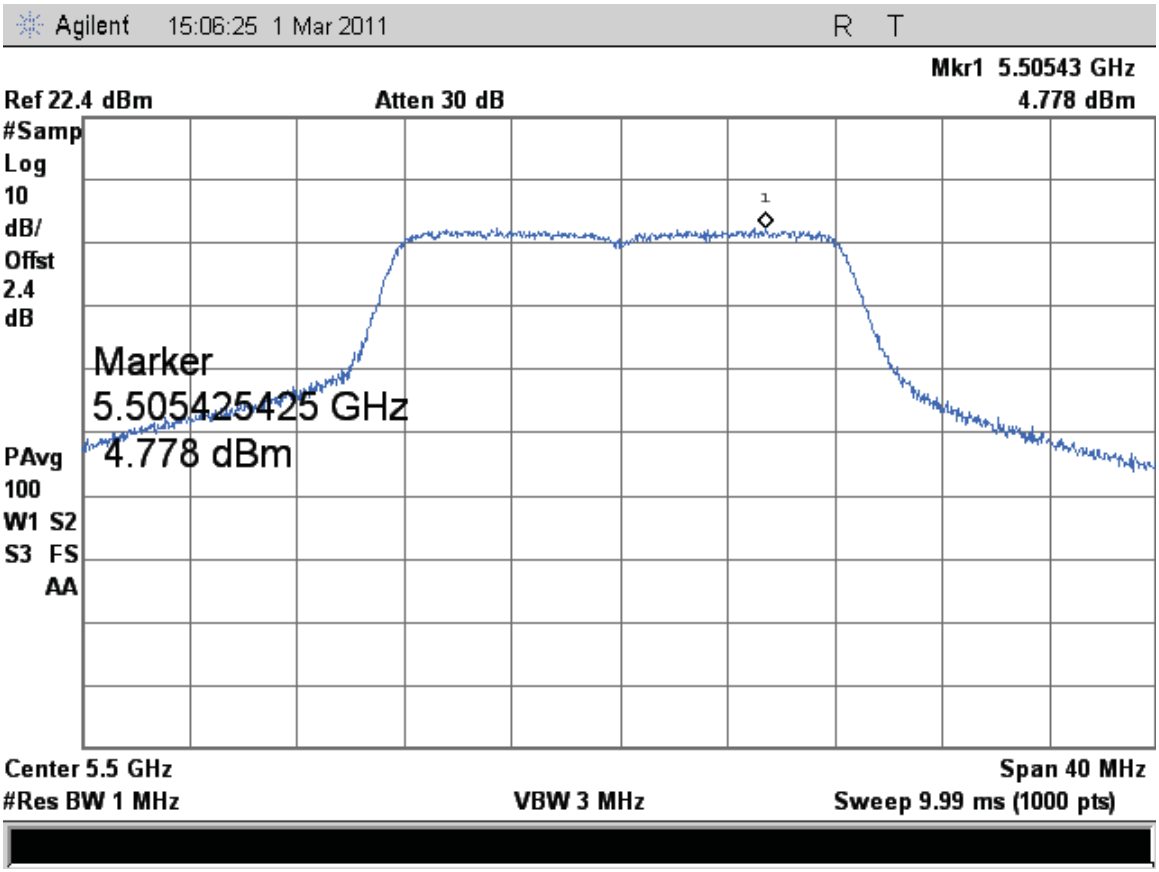


Figure 401: Peak Power Spectral Density, 5500 MHz at 802.11a, Chain 1 – 6 Mbps

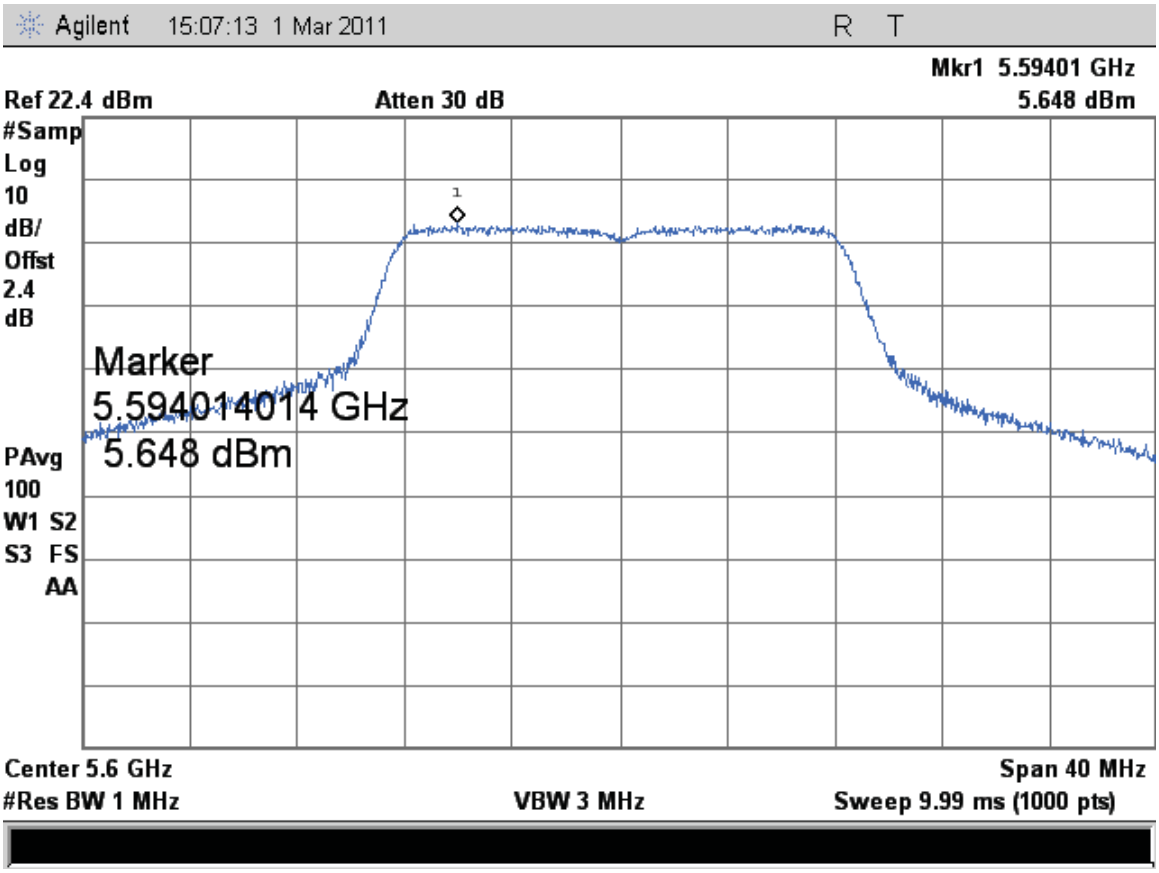


Figure 402: Peak Power Spectral Density, 5600 MHz at 802.11a, Chain 1 – 6 Mbps

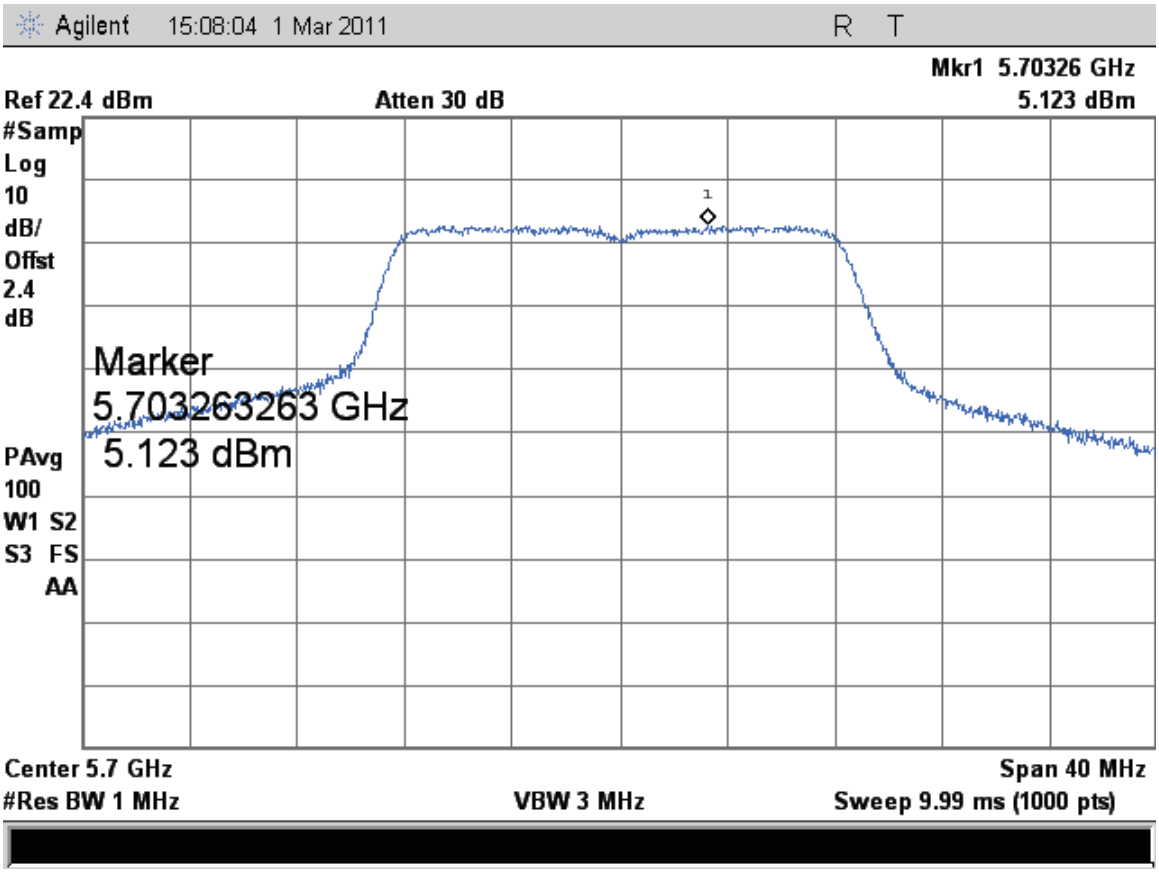


Figure 403: Peak Power Spectral Density, 5700 MHz at 802.11a, Chain 1 – 6 Mbps

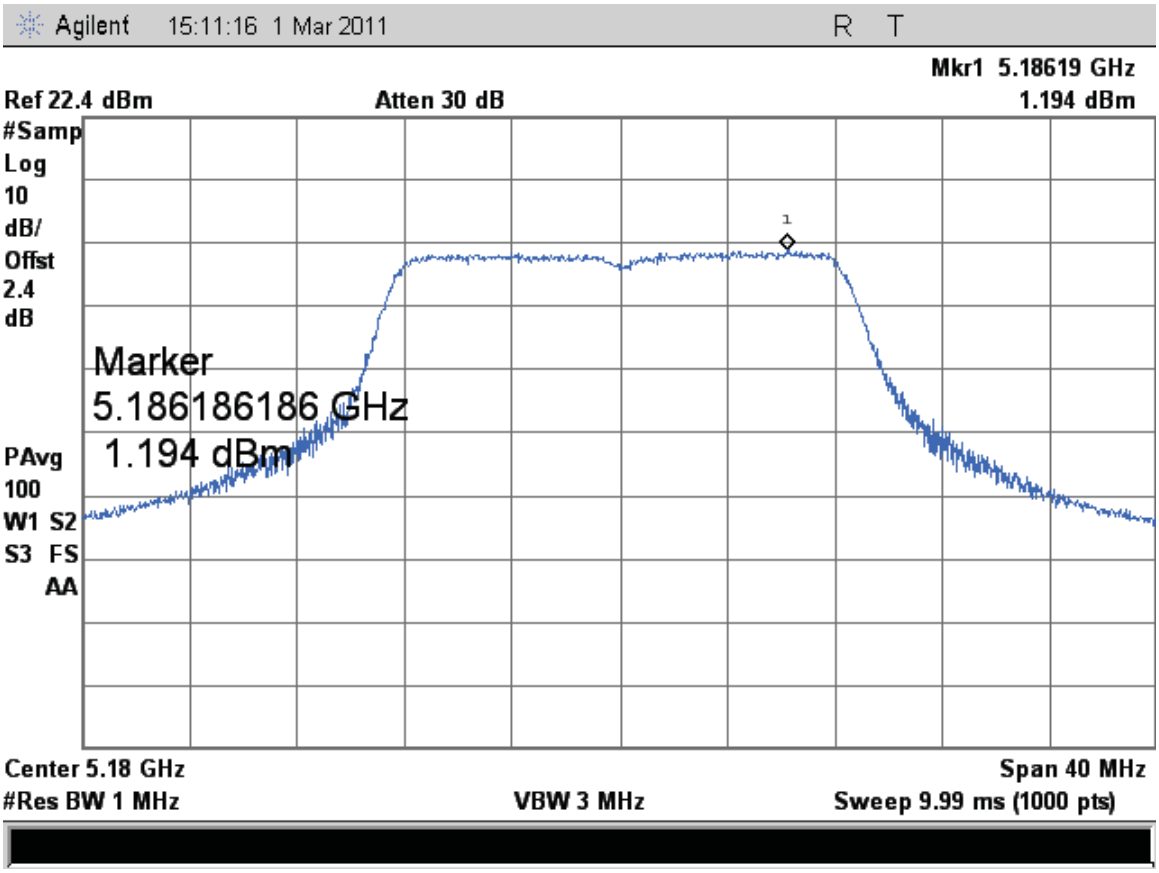


Figure 404: Peak Power Spectral Density, 5180 MHz at 802.11a, Chain 2 – 6 Mbps

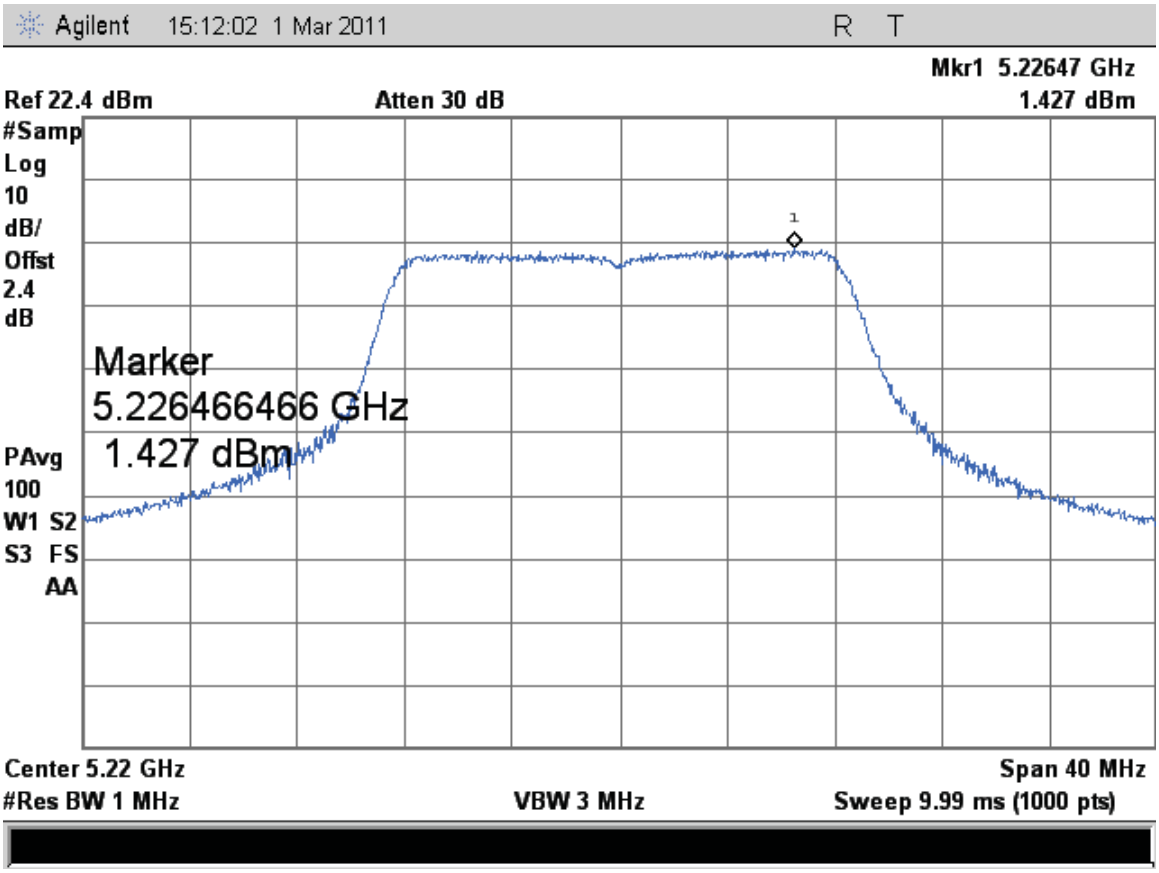


Figure 405: Peak Power Spectral Density, 5220 MHz at 802.11a, Chain 2 – 6 Mbps

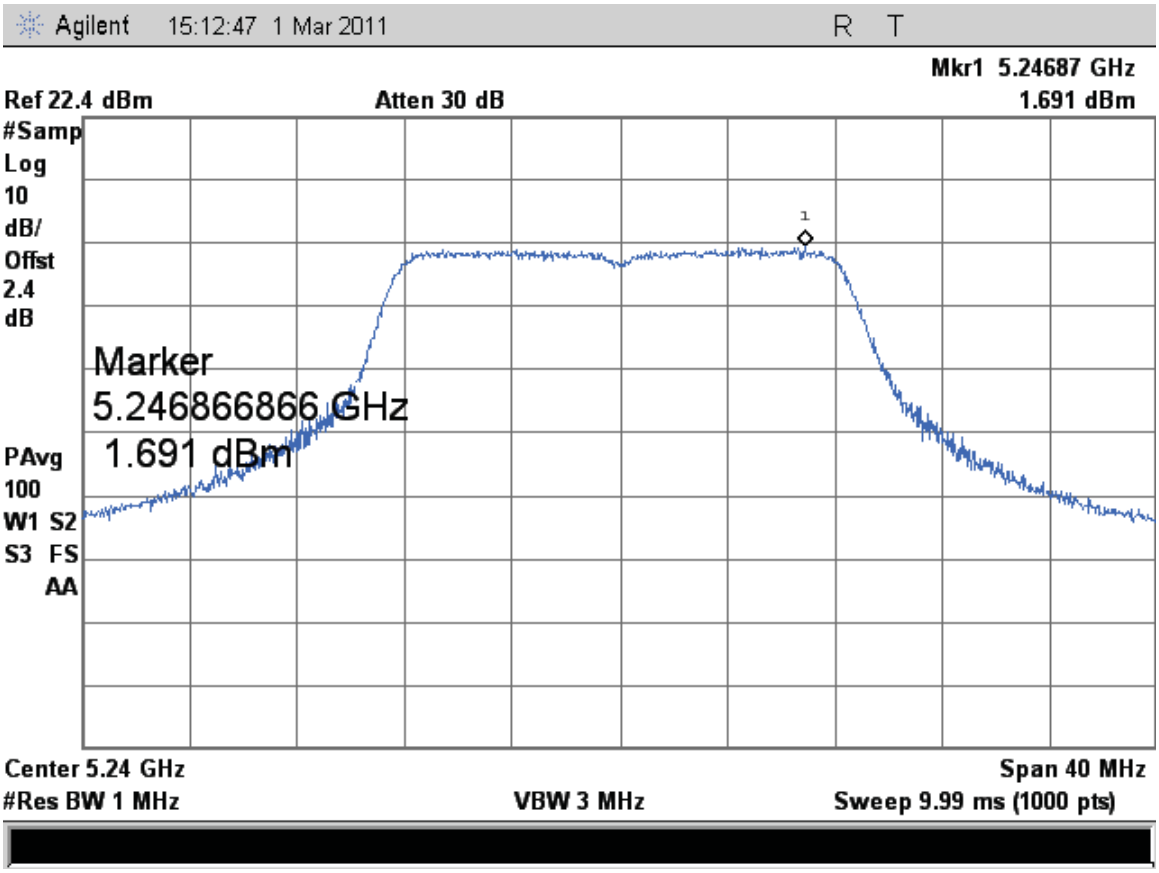


Figure 406: Peak Power Spectral Density, 5240 MHz at 802.11a, Chain 2 – 6 Mbps

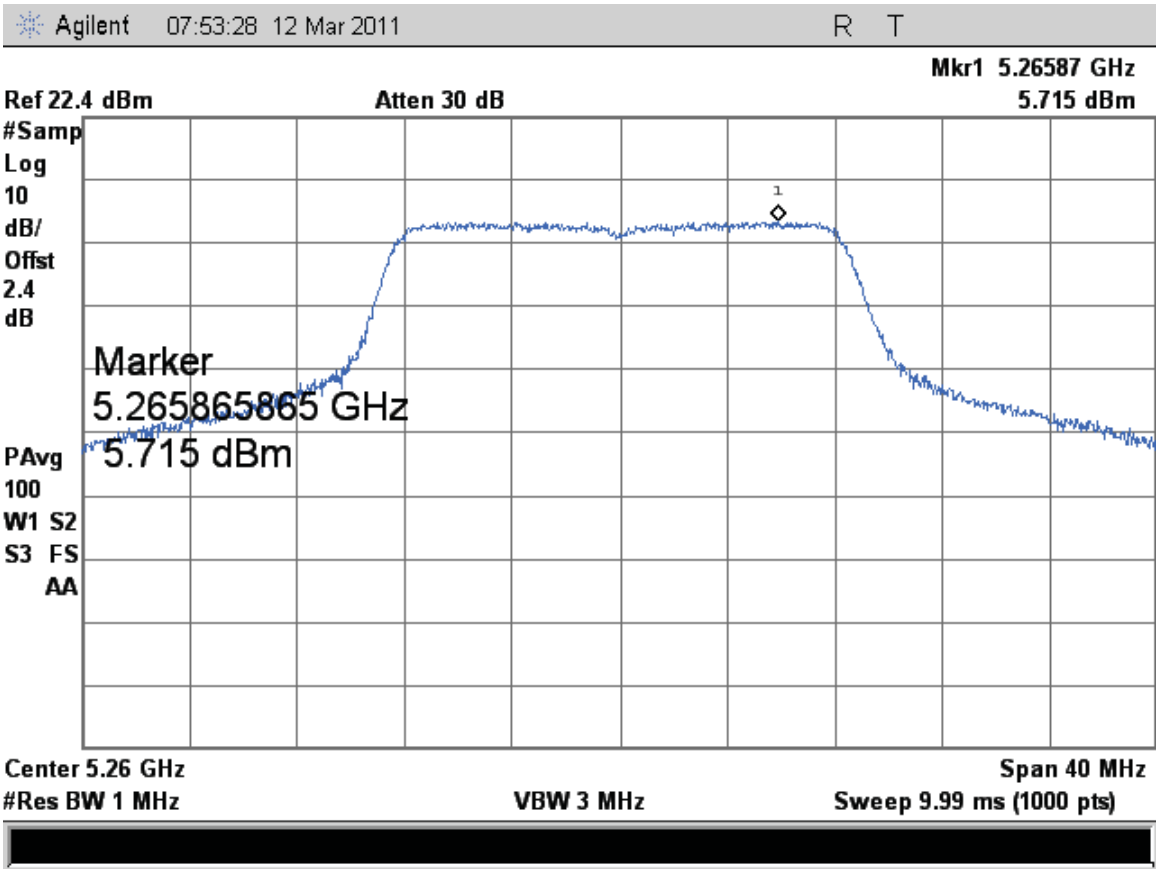


Figure 407: Peak Power Spectral Density, 5260 MHz at 802.11a, Chain 2 – 6 Mbps

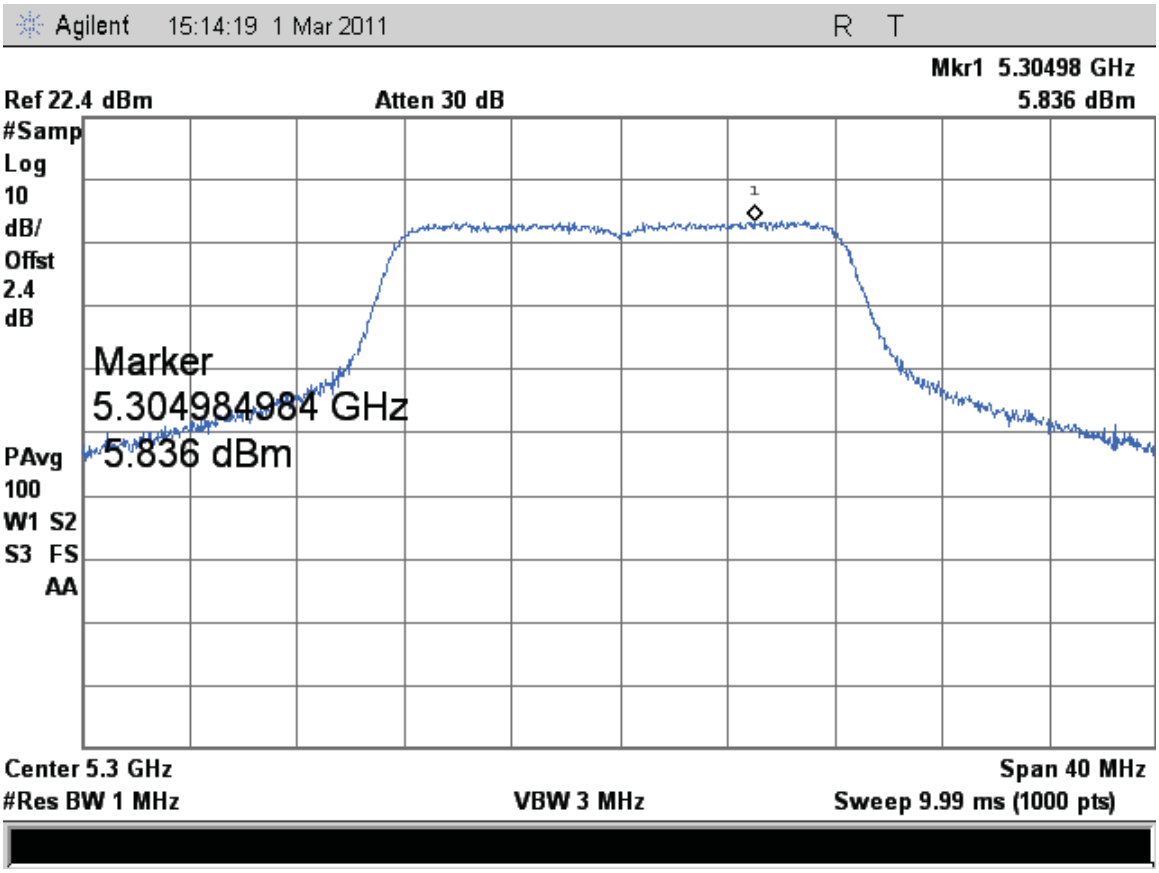


Figure 408: Peak Power Spectral Density, 5300 MHz at 802.11a, Chain 2 – 6 Mbps

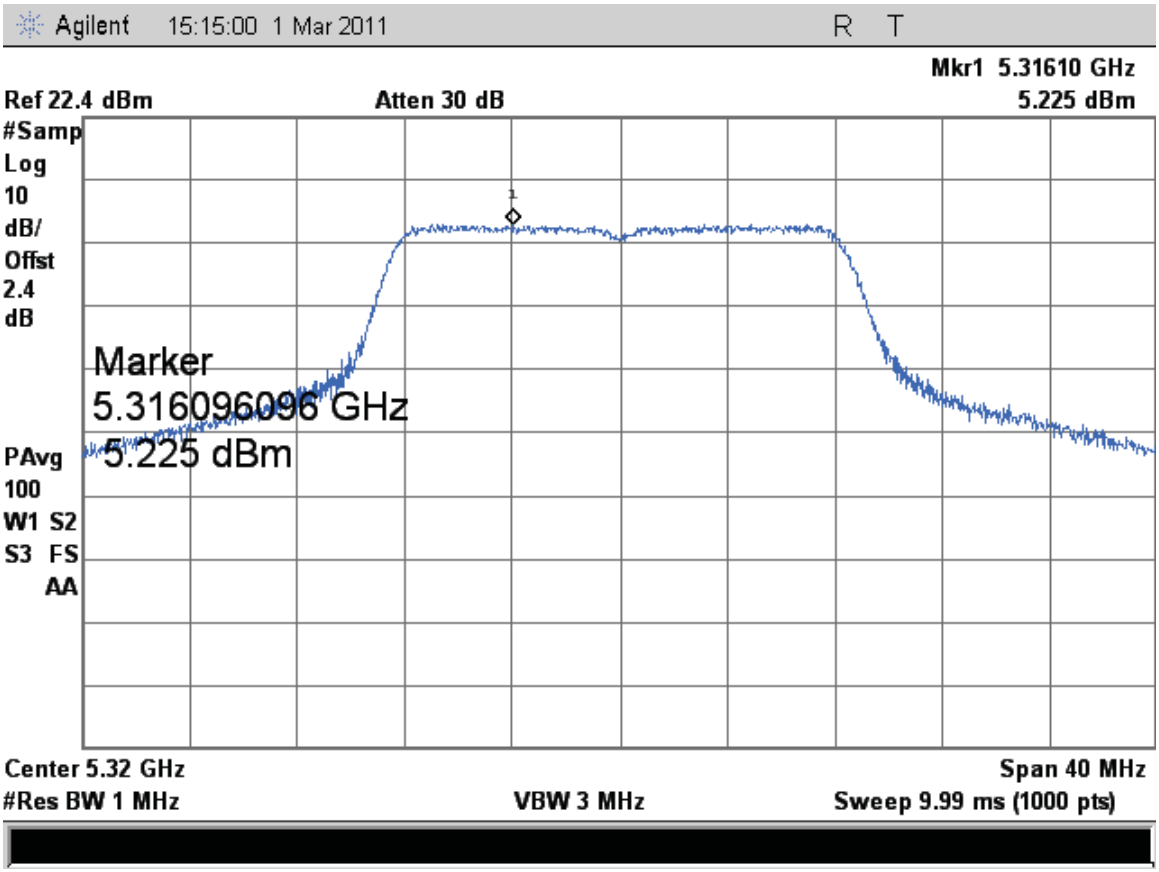


Figure 409: Peak Power Spectral Density, 5320 MHz at 802.11a, Chain 2 – 6 Mbps

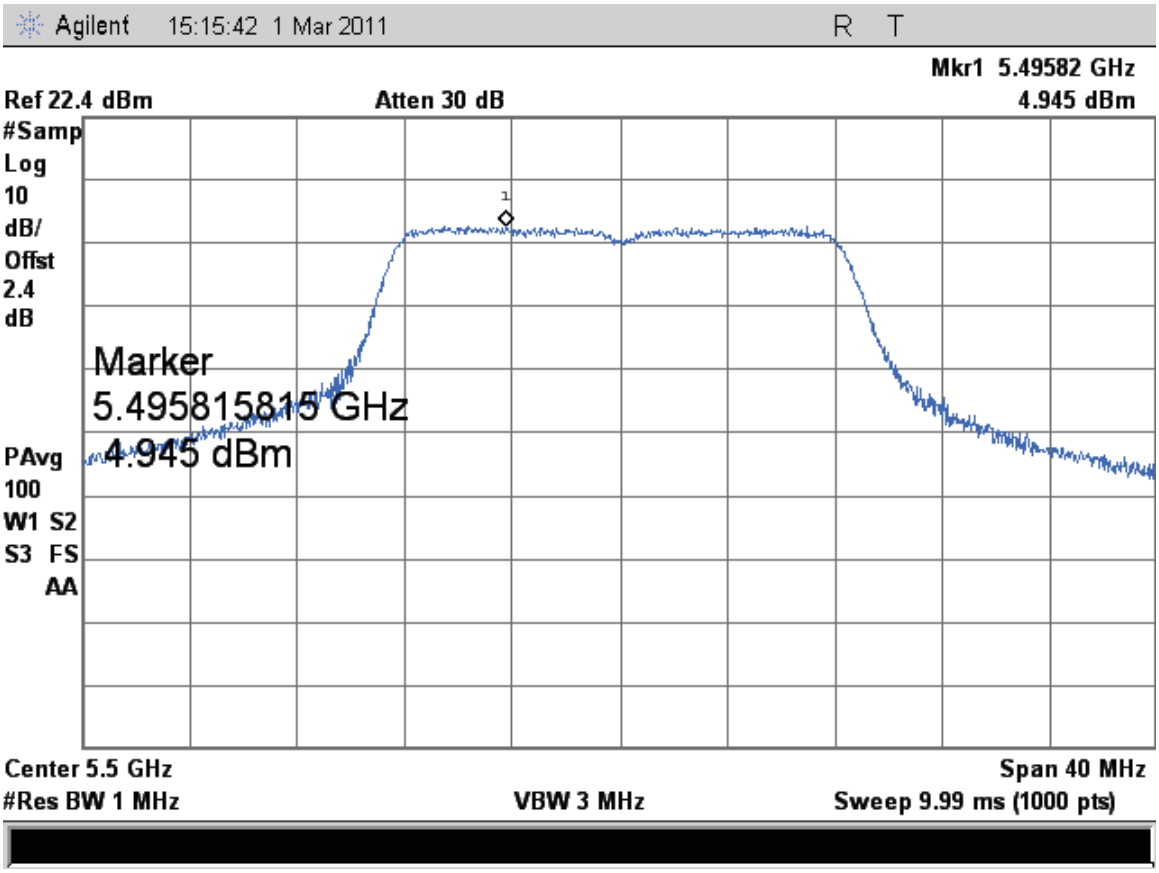


Figure 410: Peak Power Spectral Density, 5500 MHz at 802.11a, Chain 2 – 6 Mbps

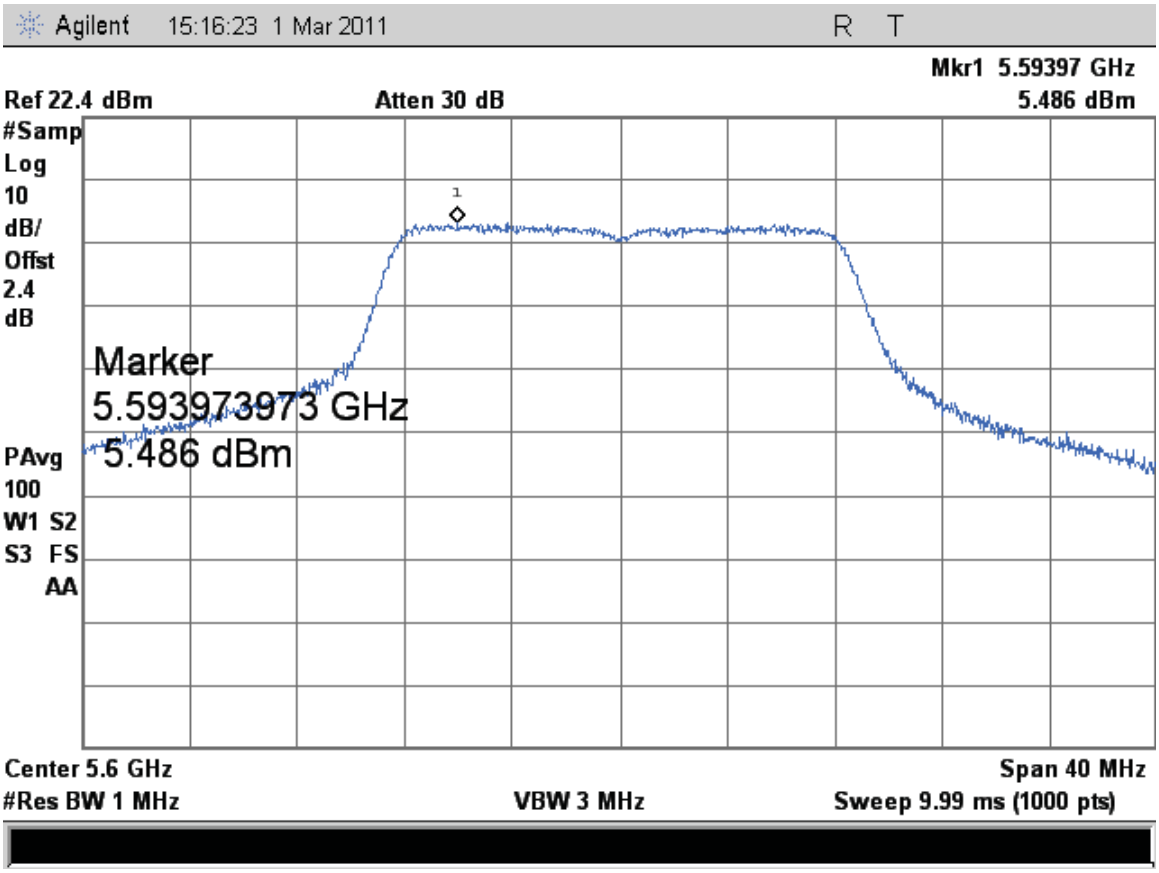


Figure 411: Peak Power Spectral Density, 5600 MHz at 802.11a, Chain 2 – 6 Mbps

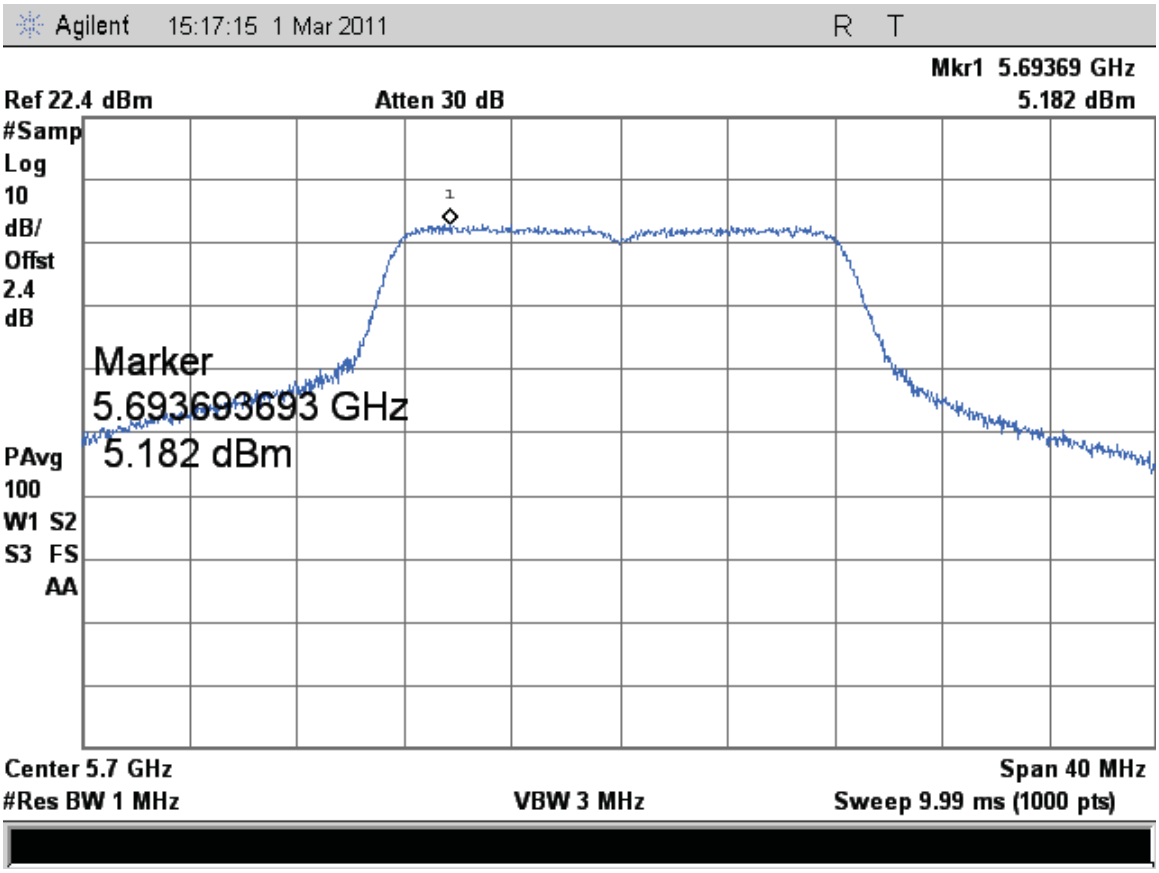


Figure 412: Peak Power Spectral Density, 5700 MHz at 802.11a, Chain 2 – 6 Mbps

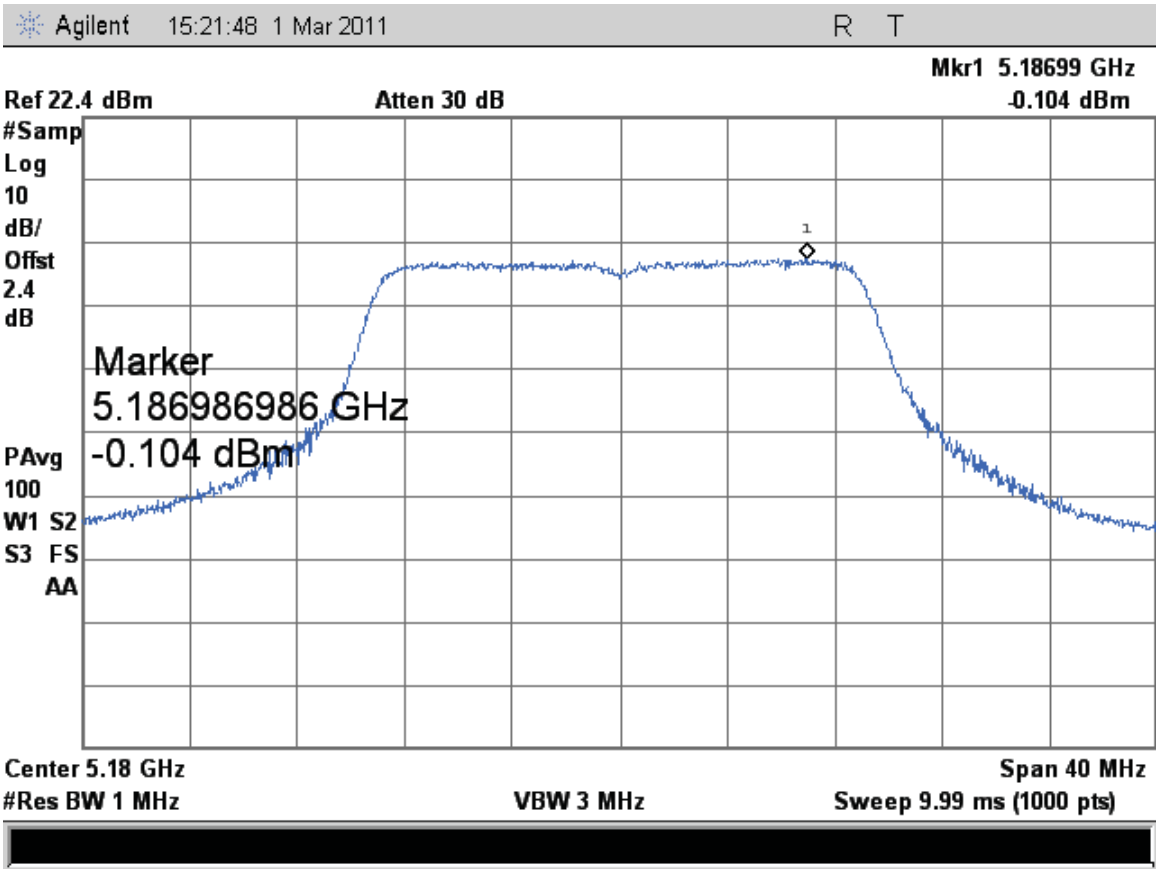


Figure 413: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

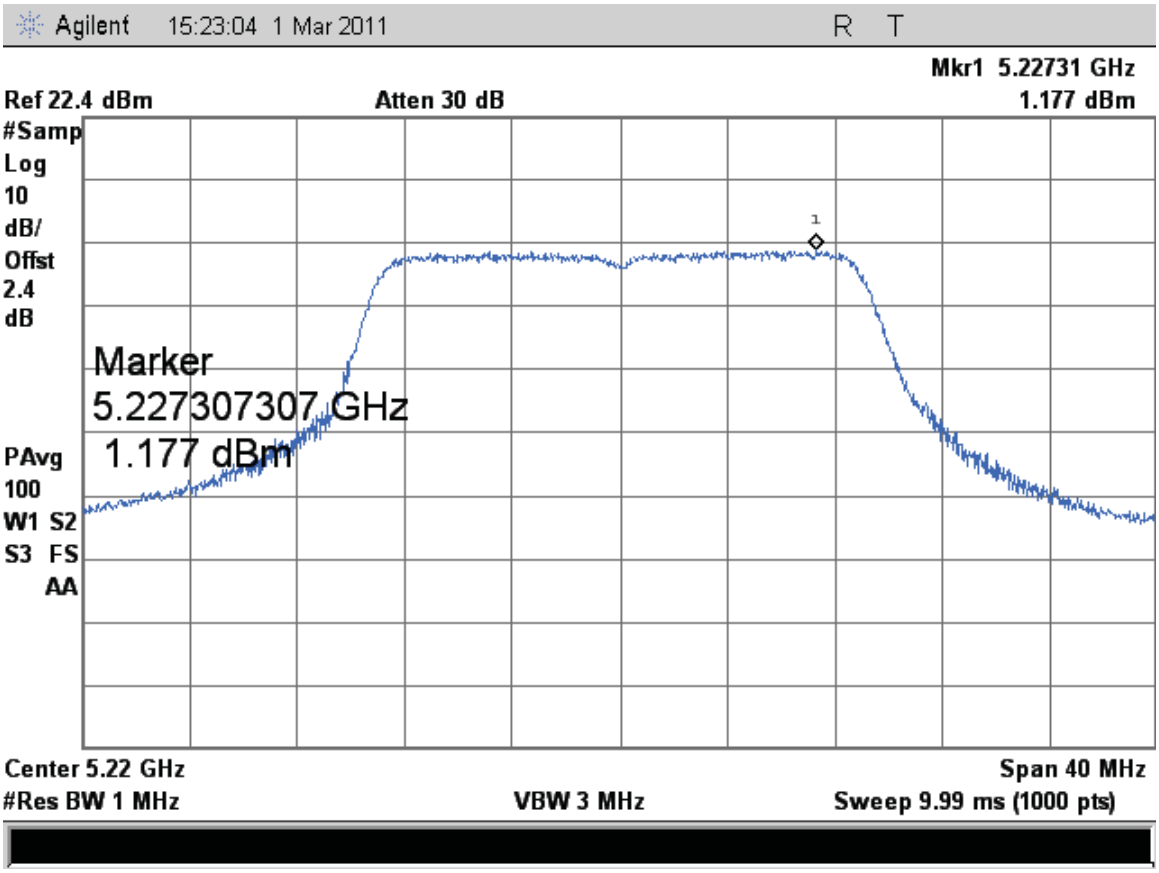


Figure 414: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

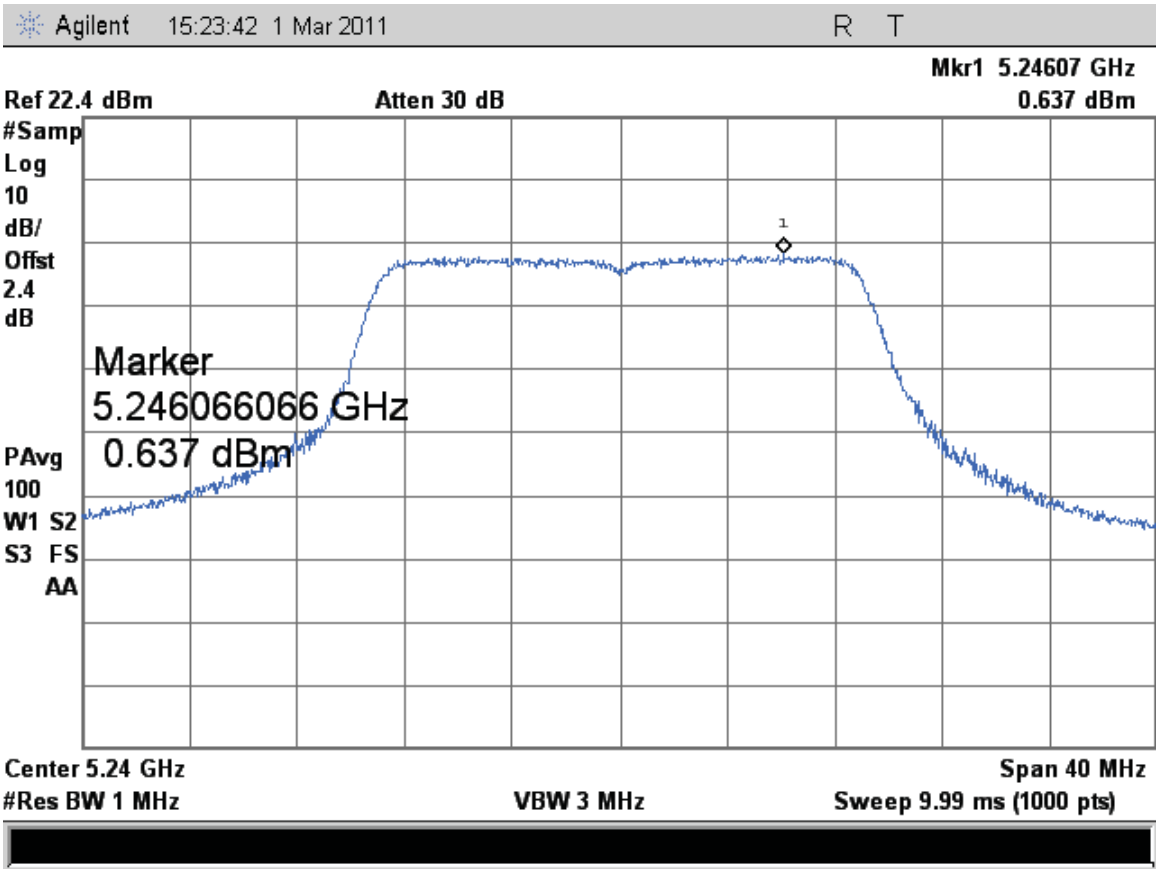


Figure 415: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

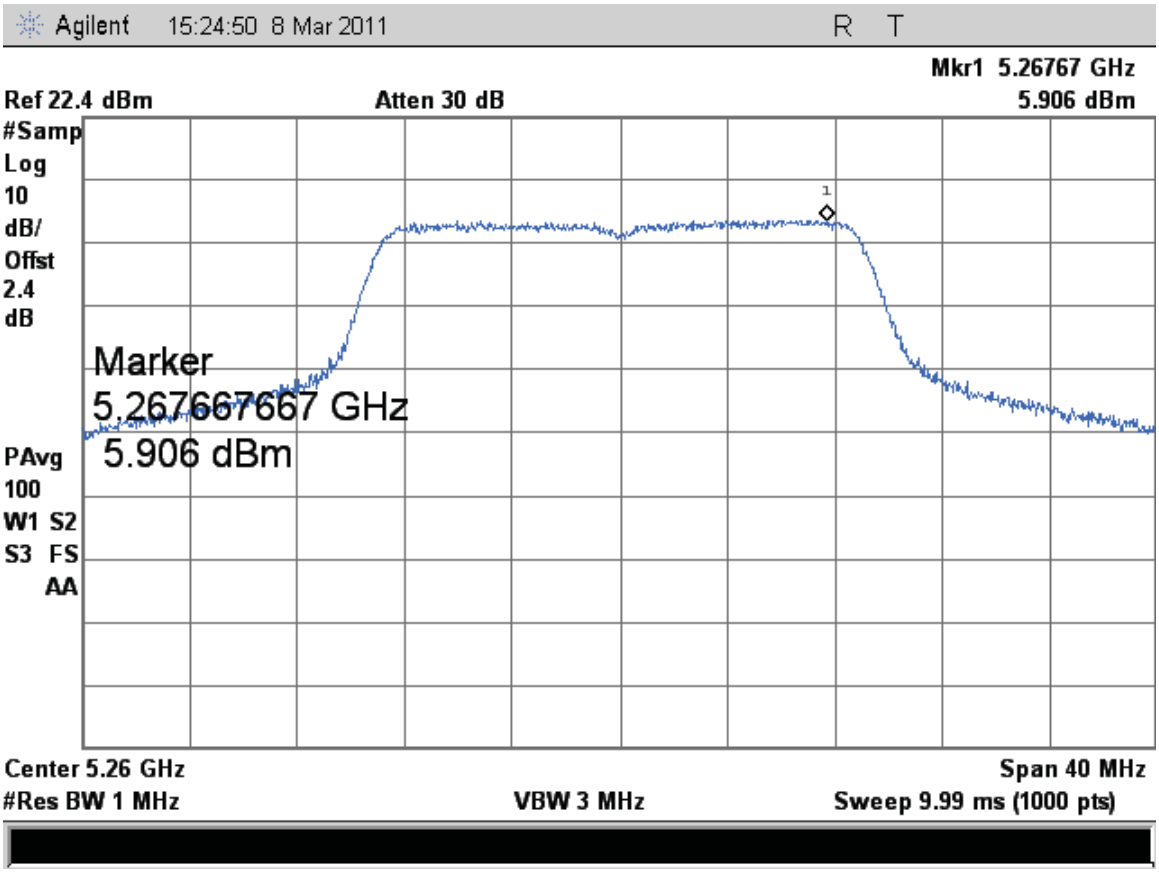


Figure 416: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

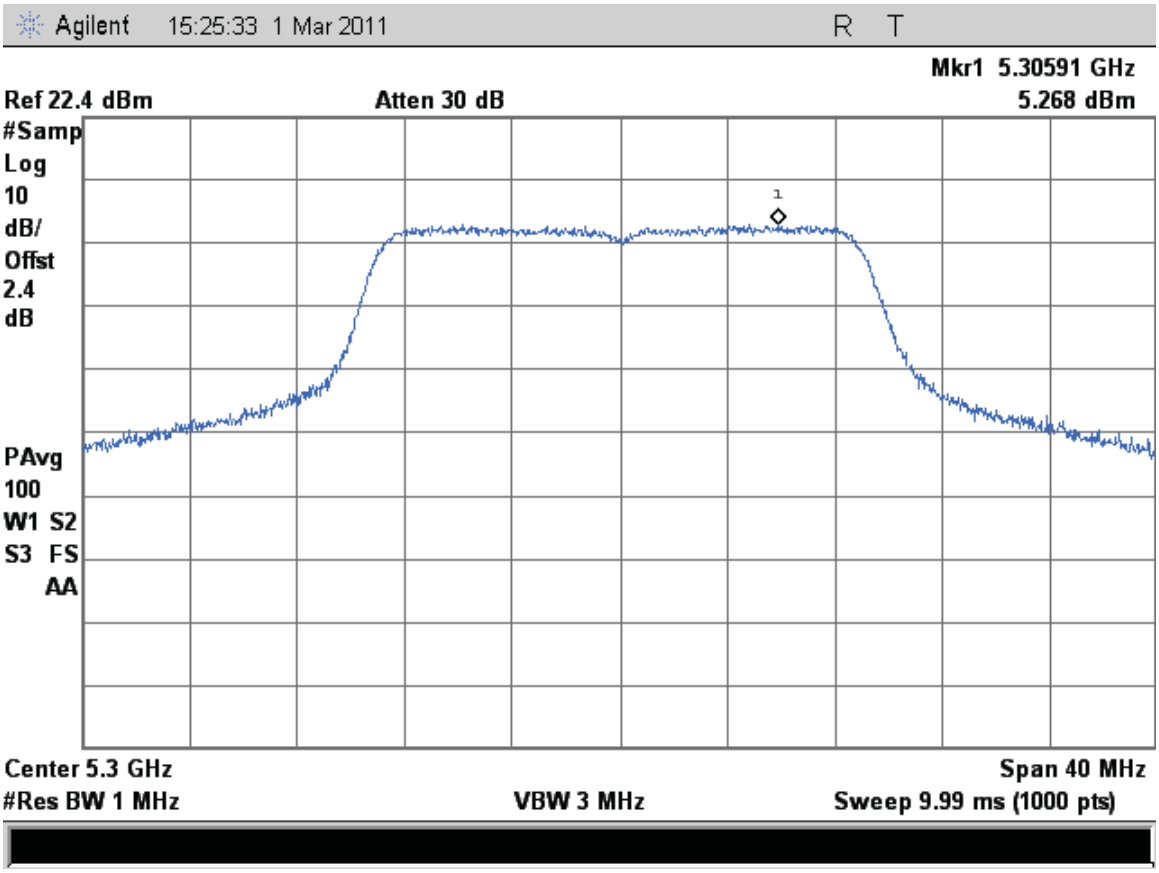


Figure 417: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

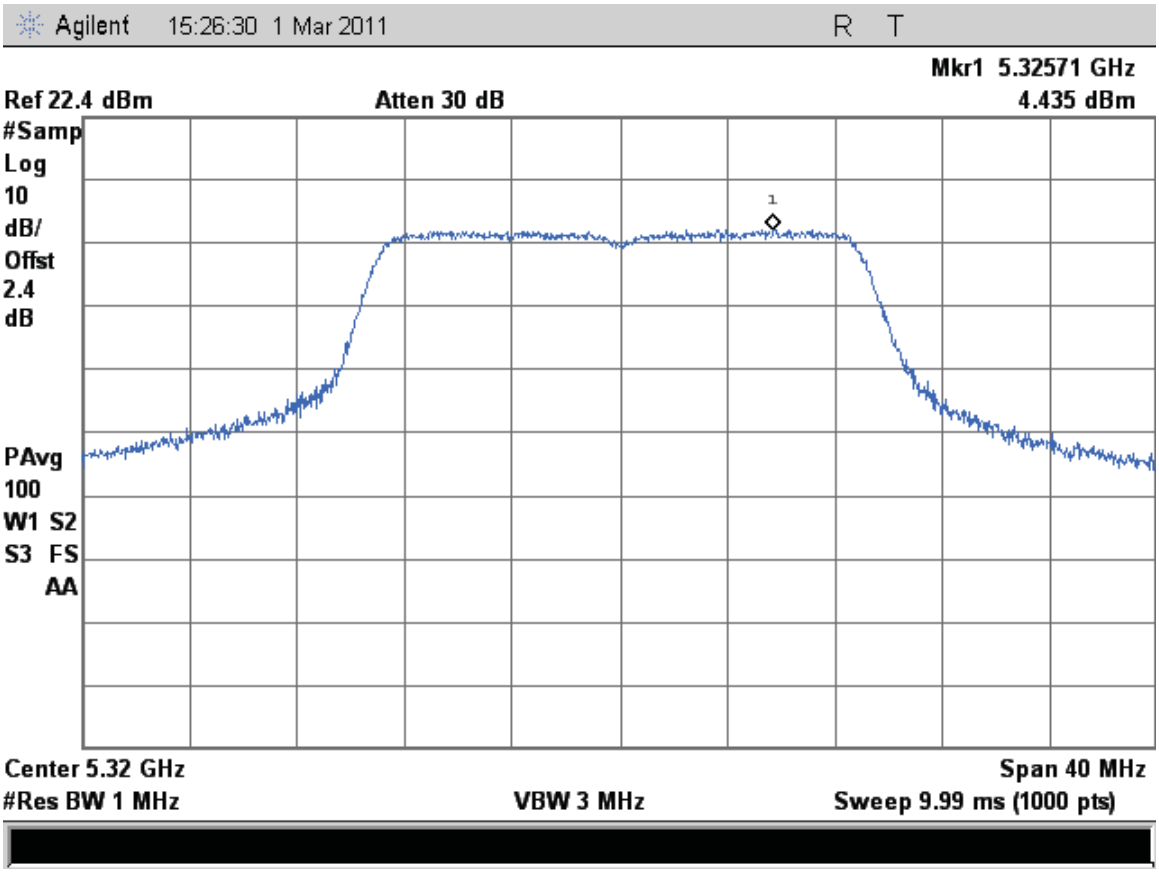


Figure 418: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

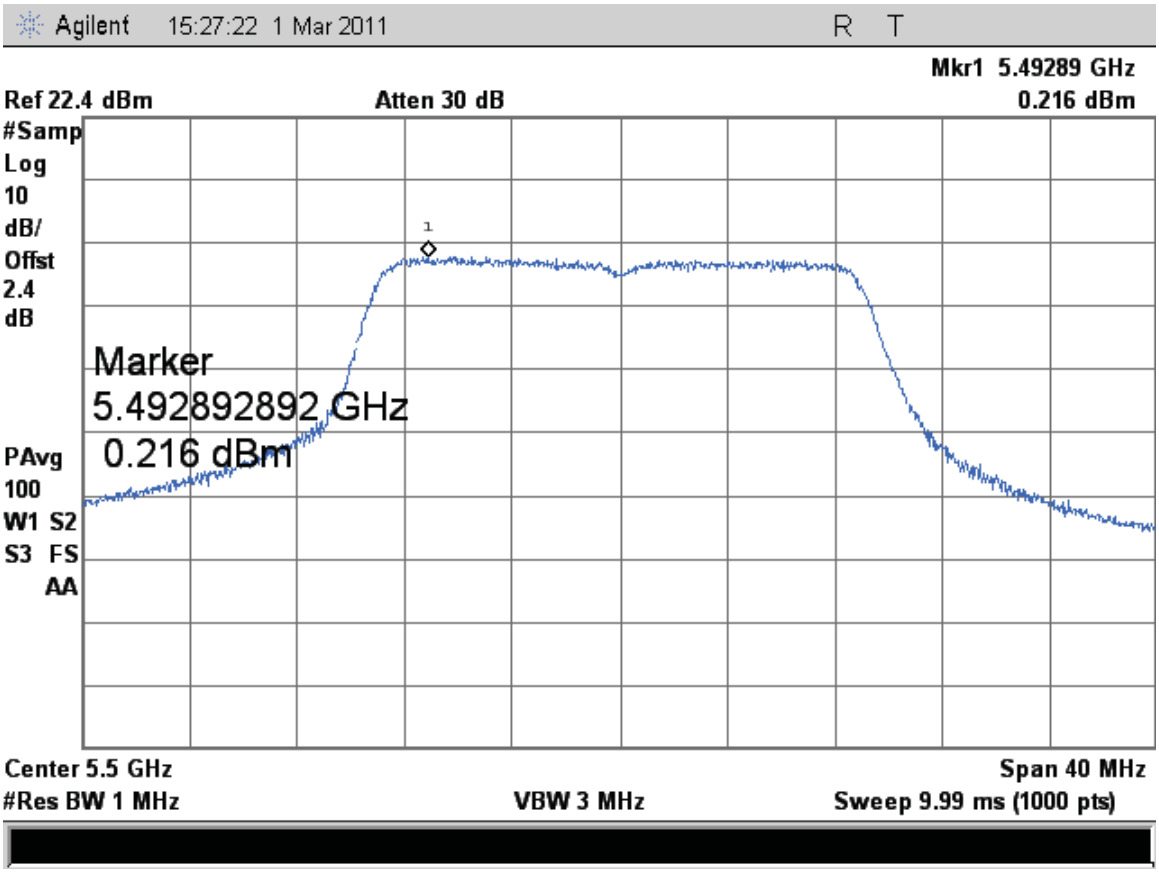


Figure 419: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

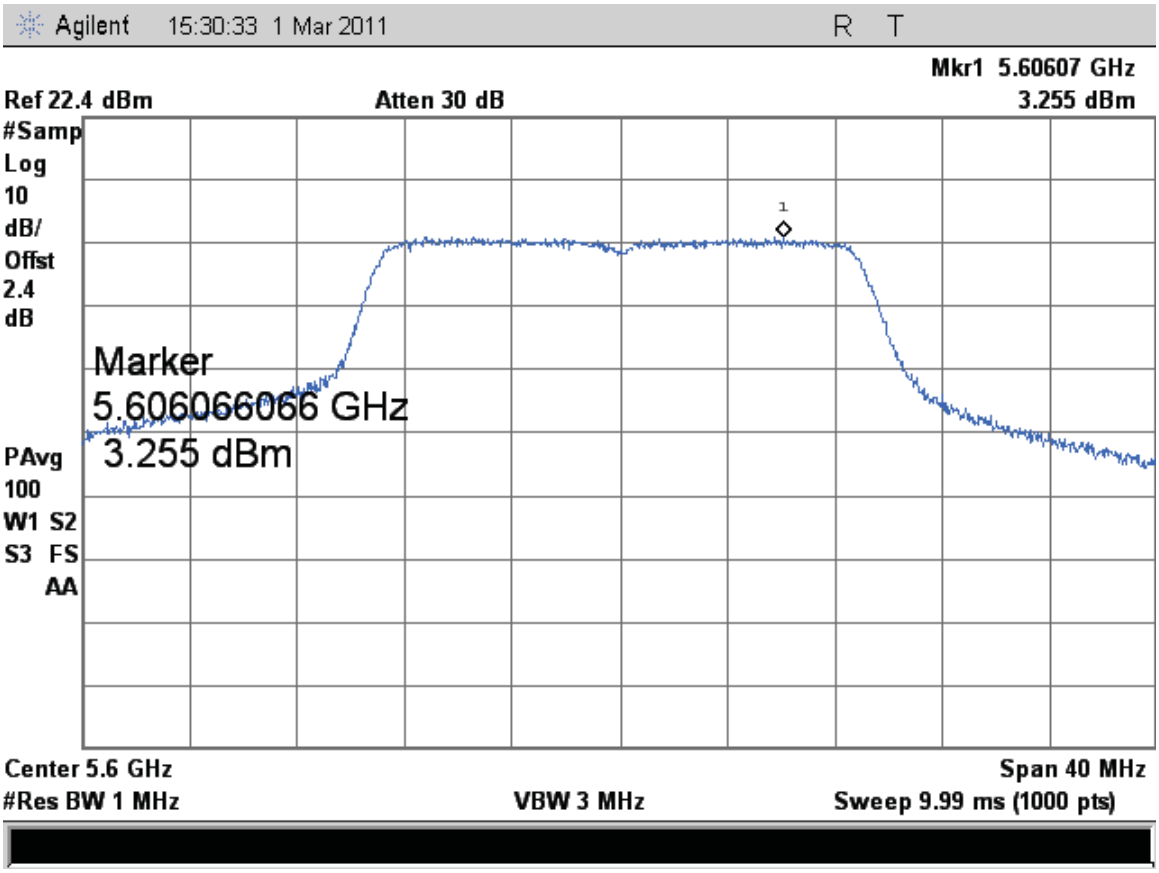


Figure 420: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

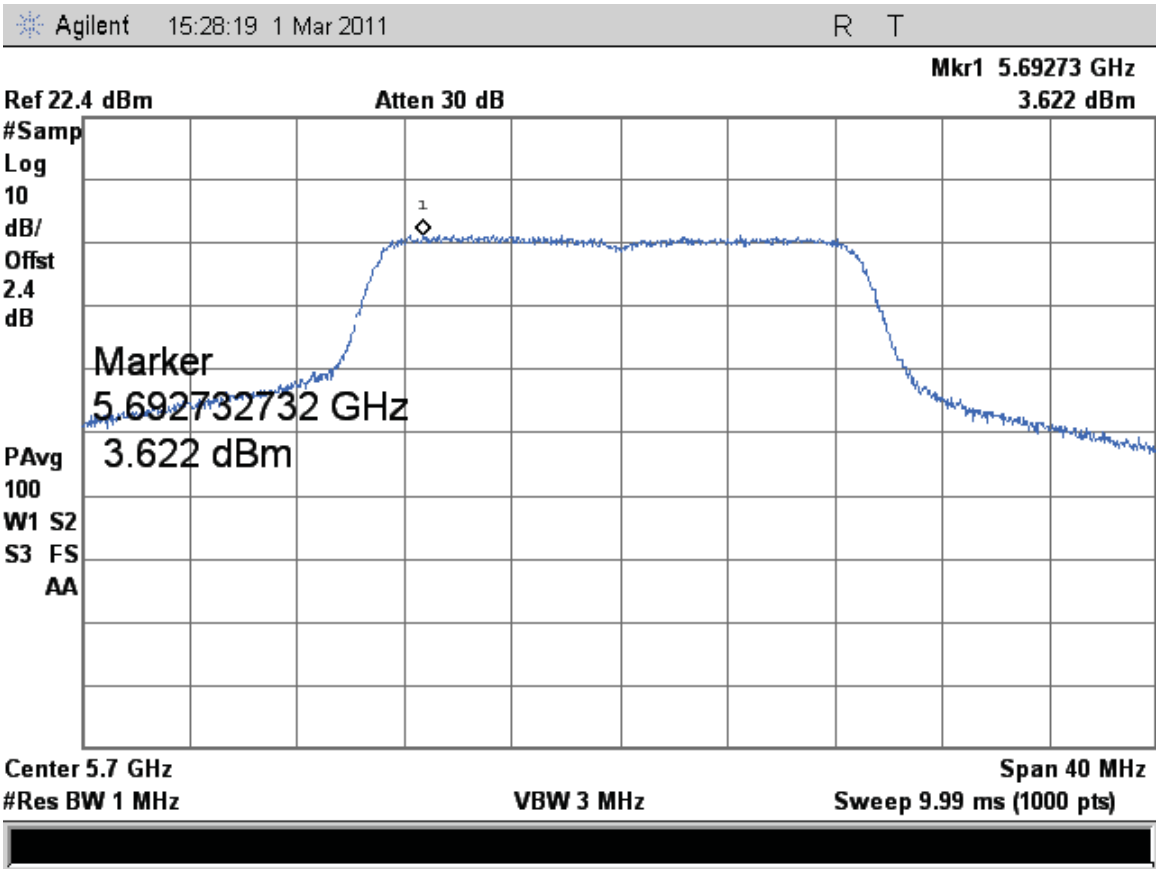


Figure 421: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 0 – 6.5 Mbps

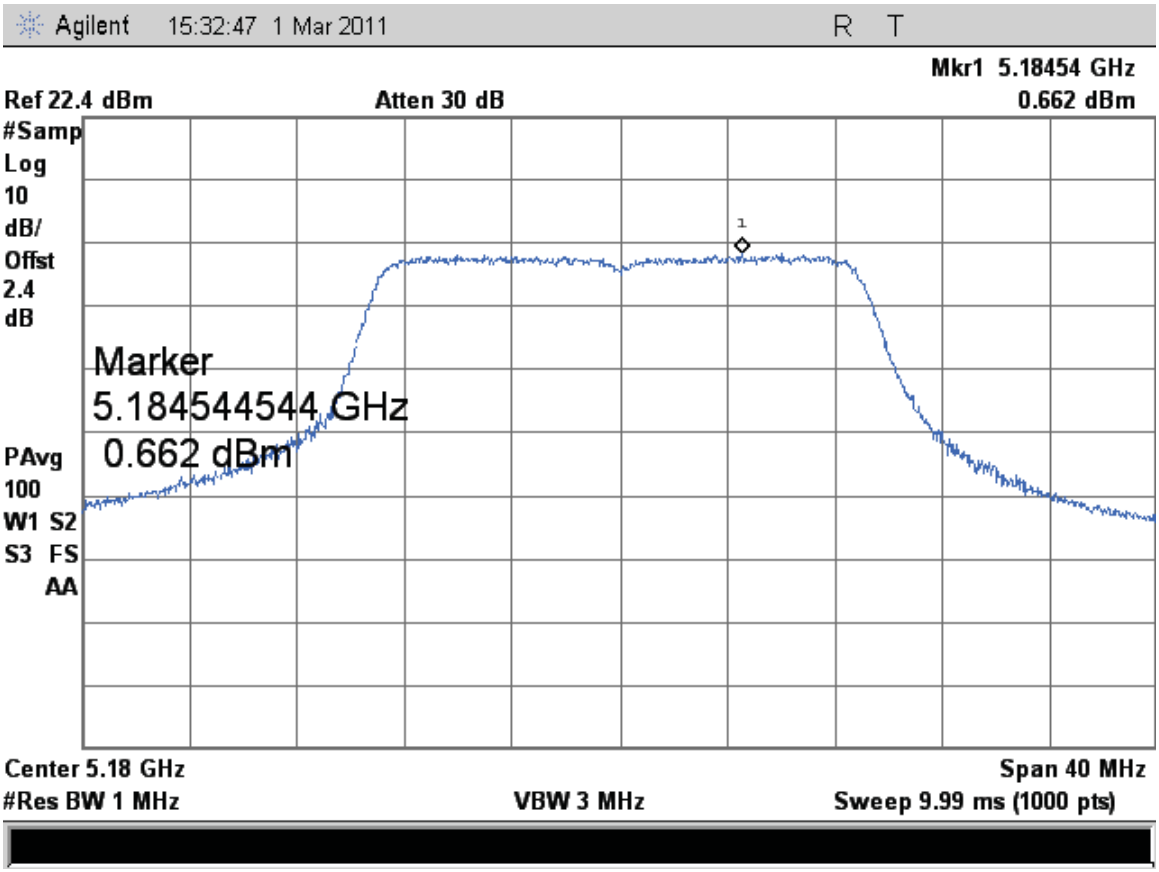


Figure 422: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

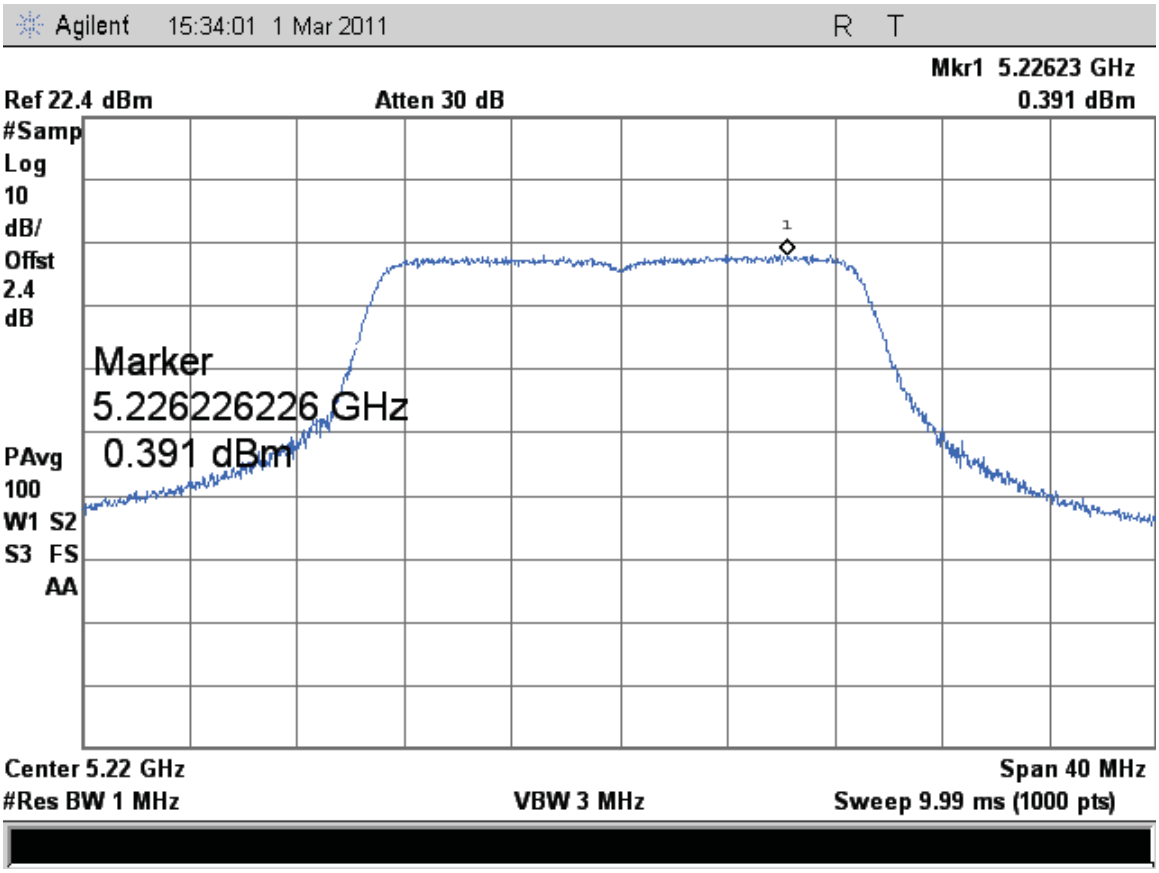


Figure 423: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

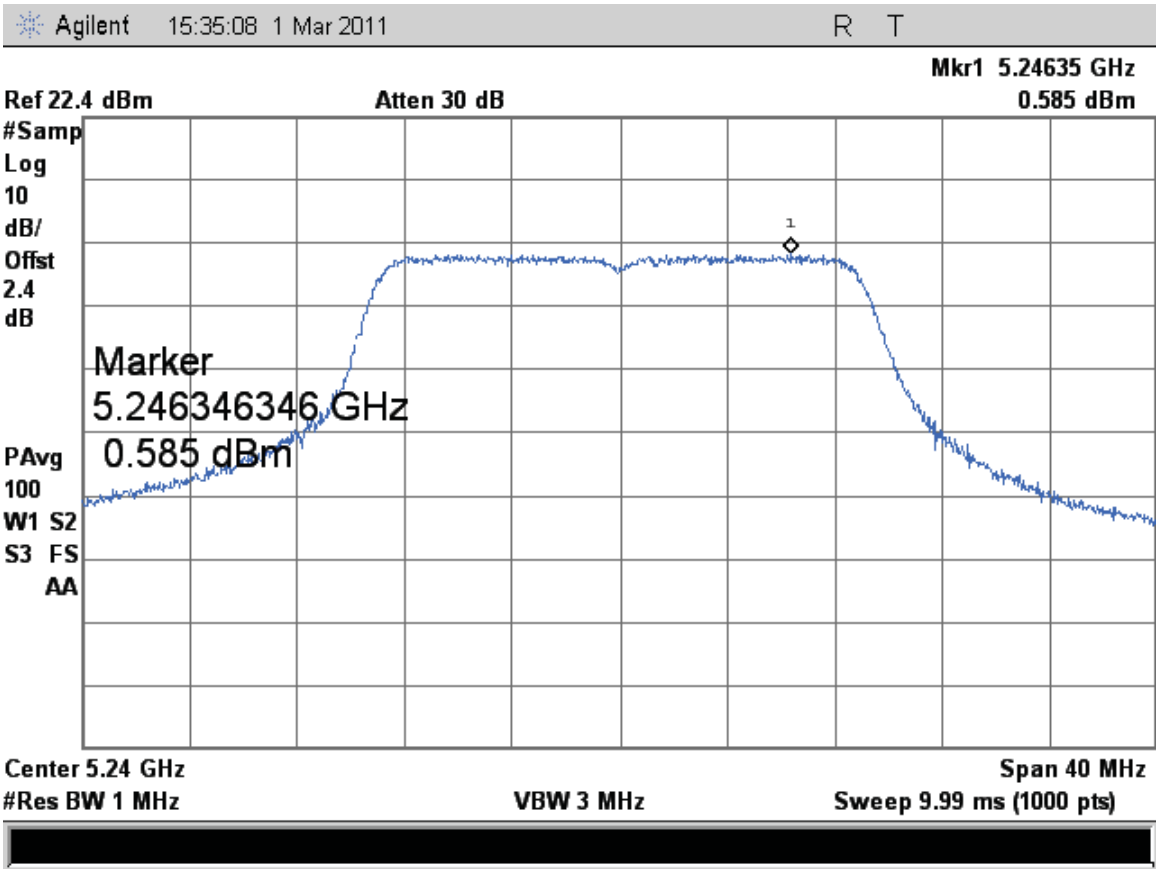


Figure 424: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

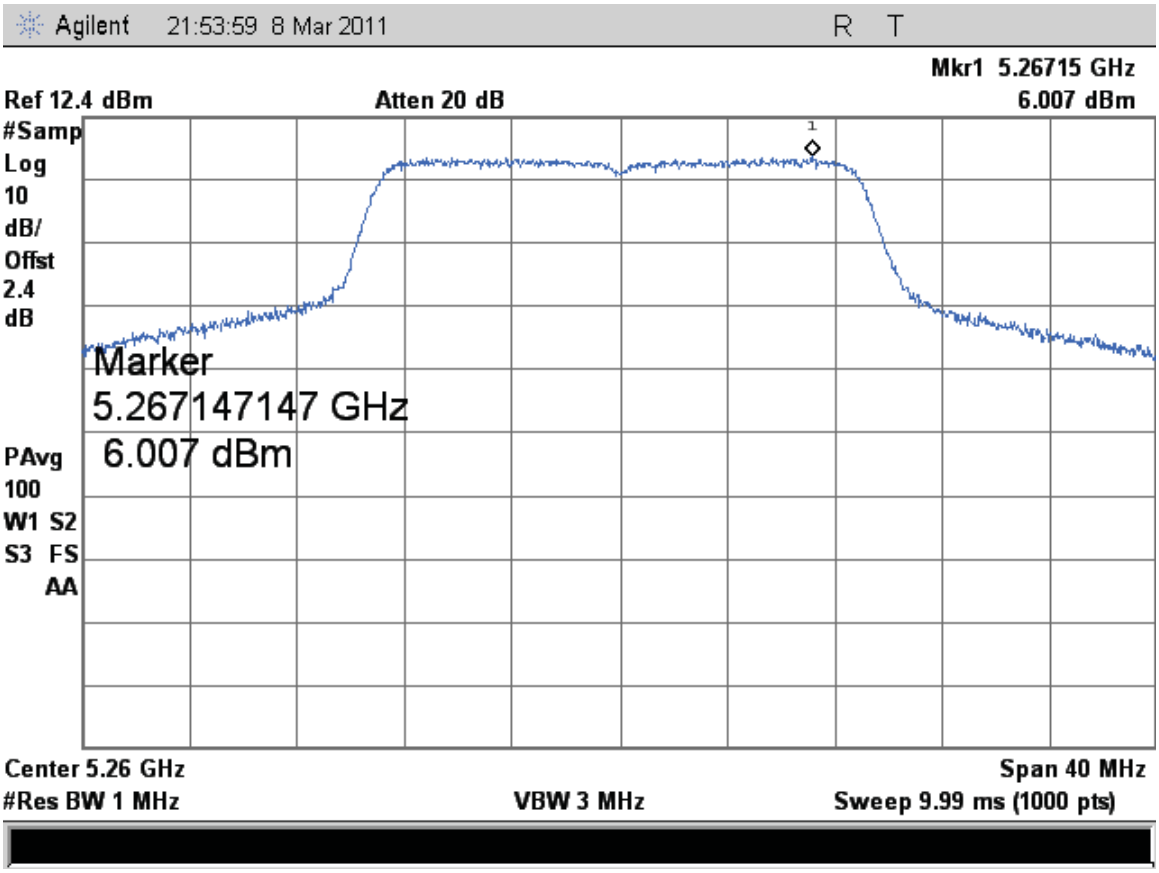


Figure 425: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

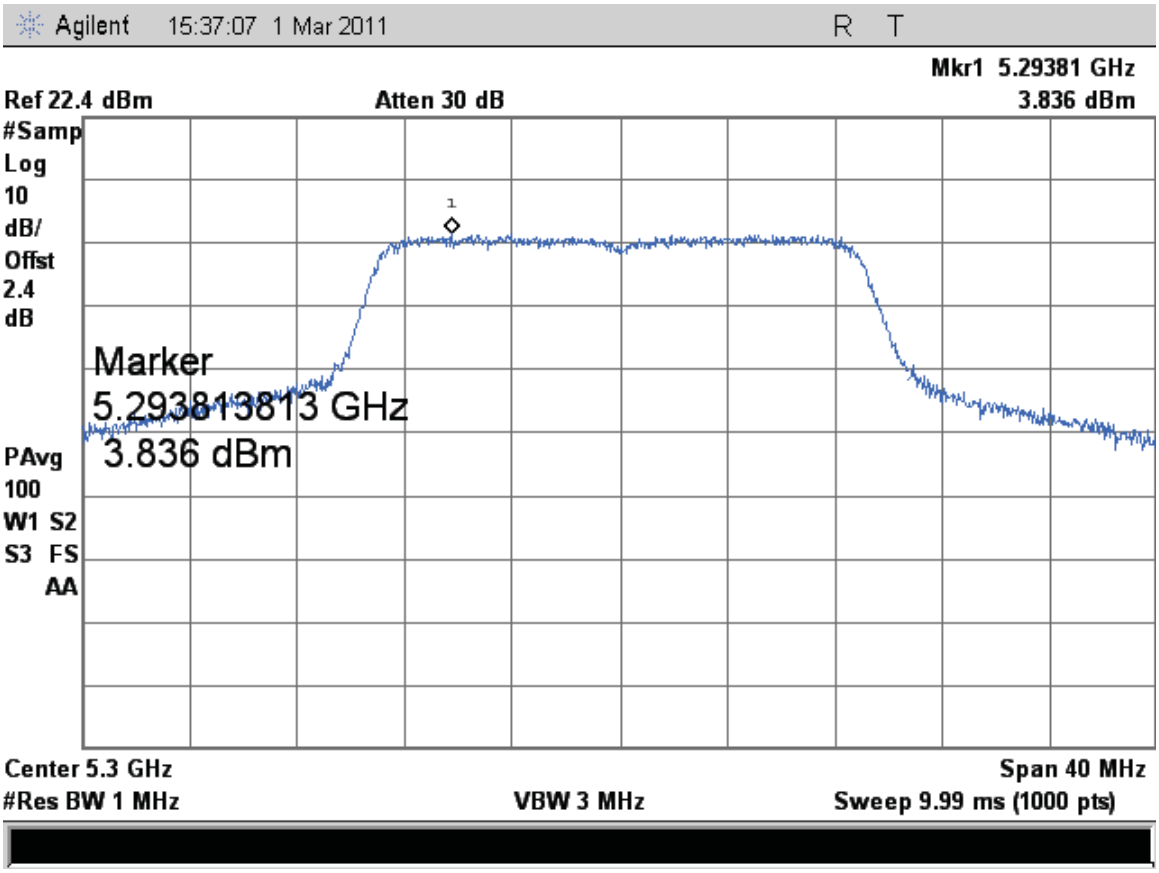


Figure 426: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

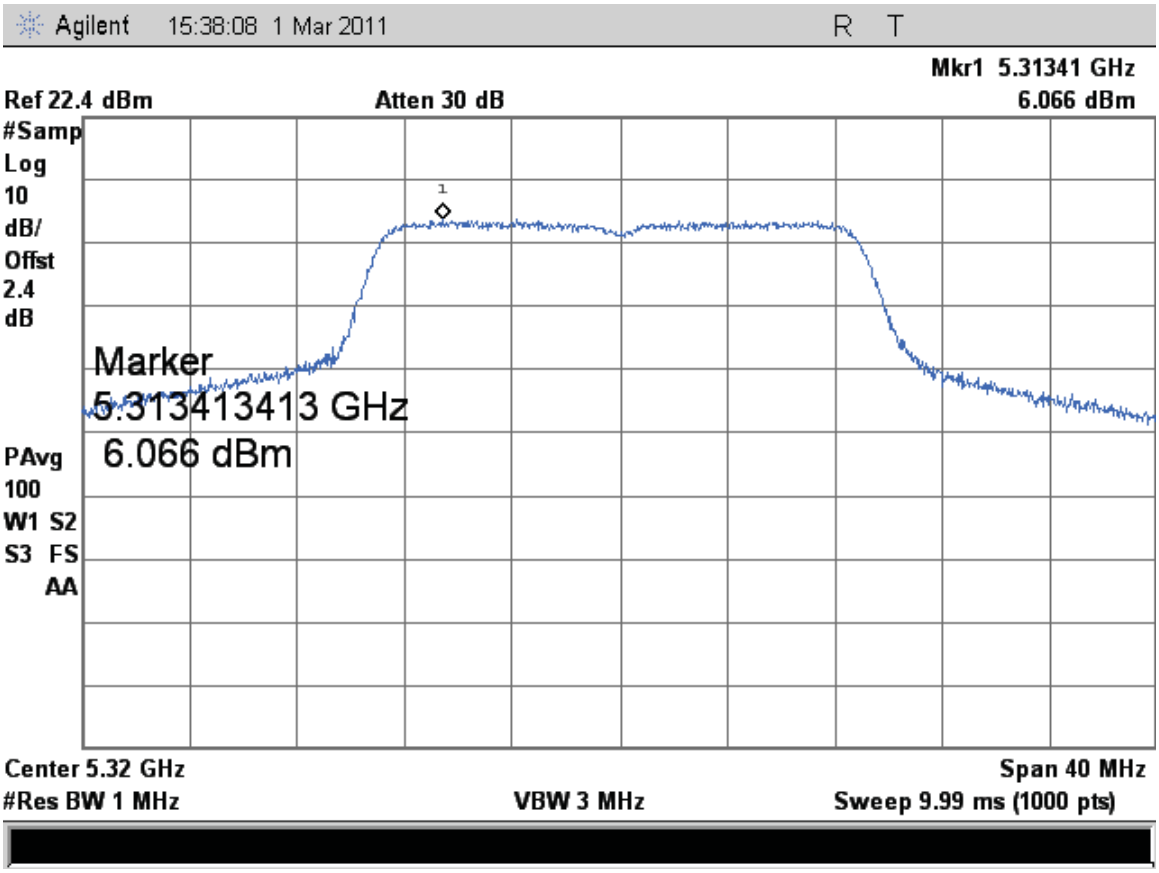


Figure 427: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

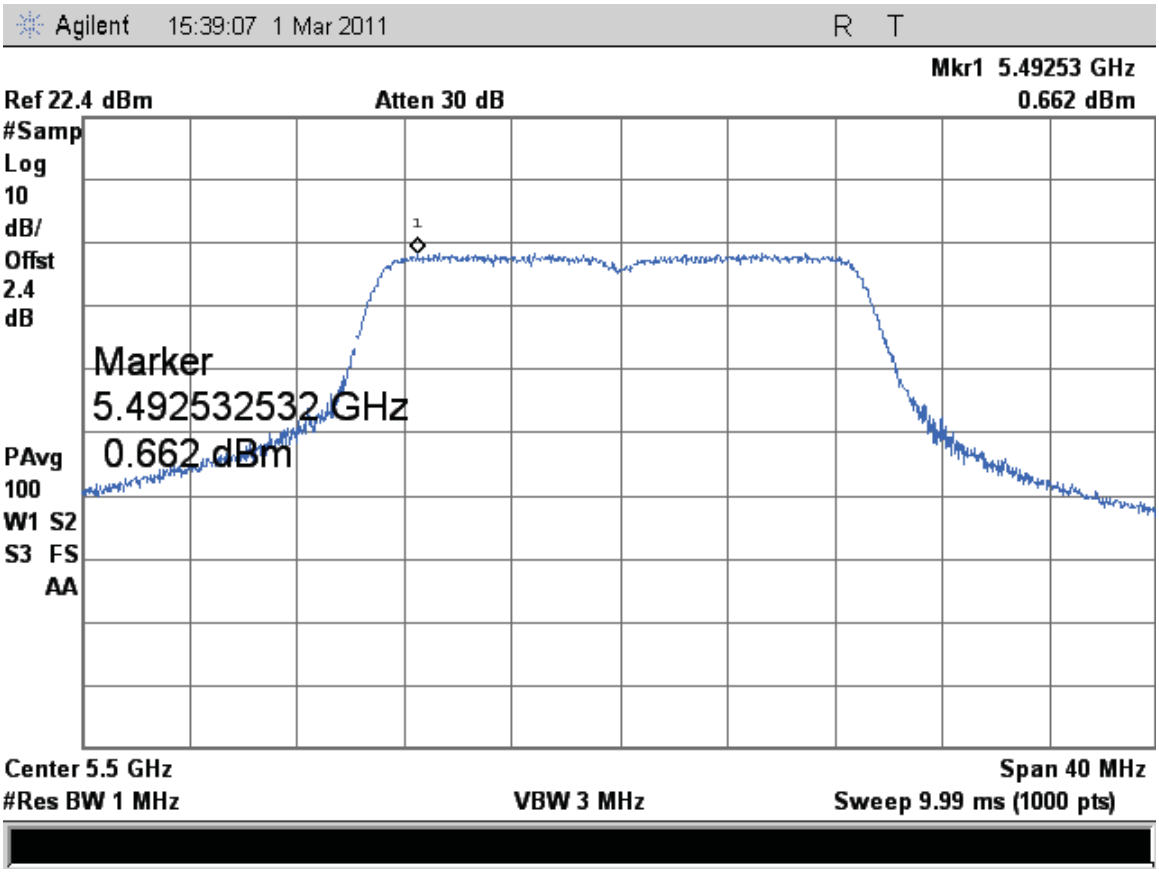


Figure 428: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

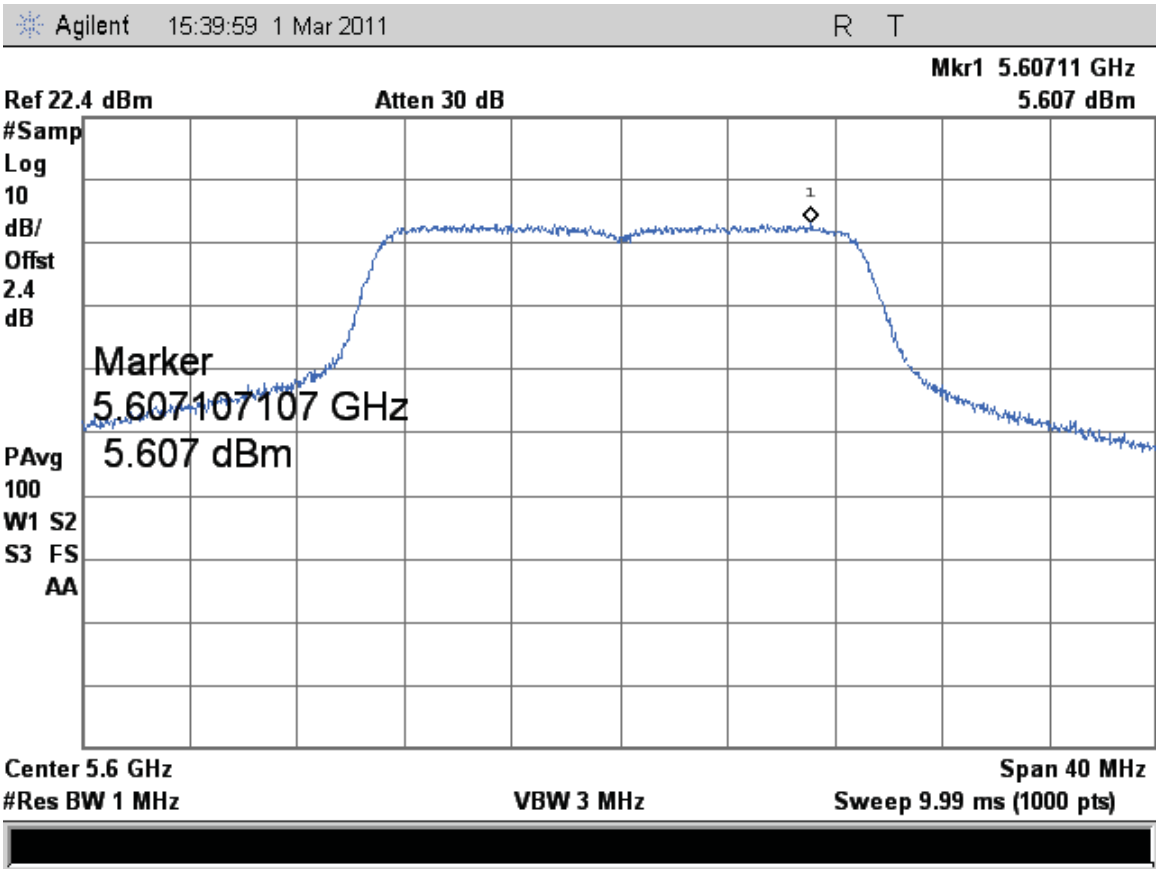


Figure 429: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

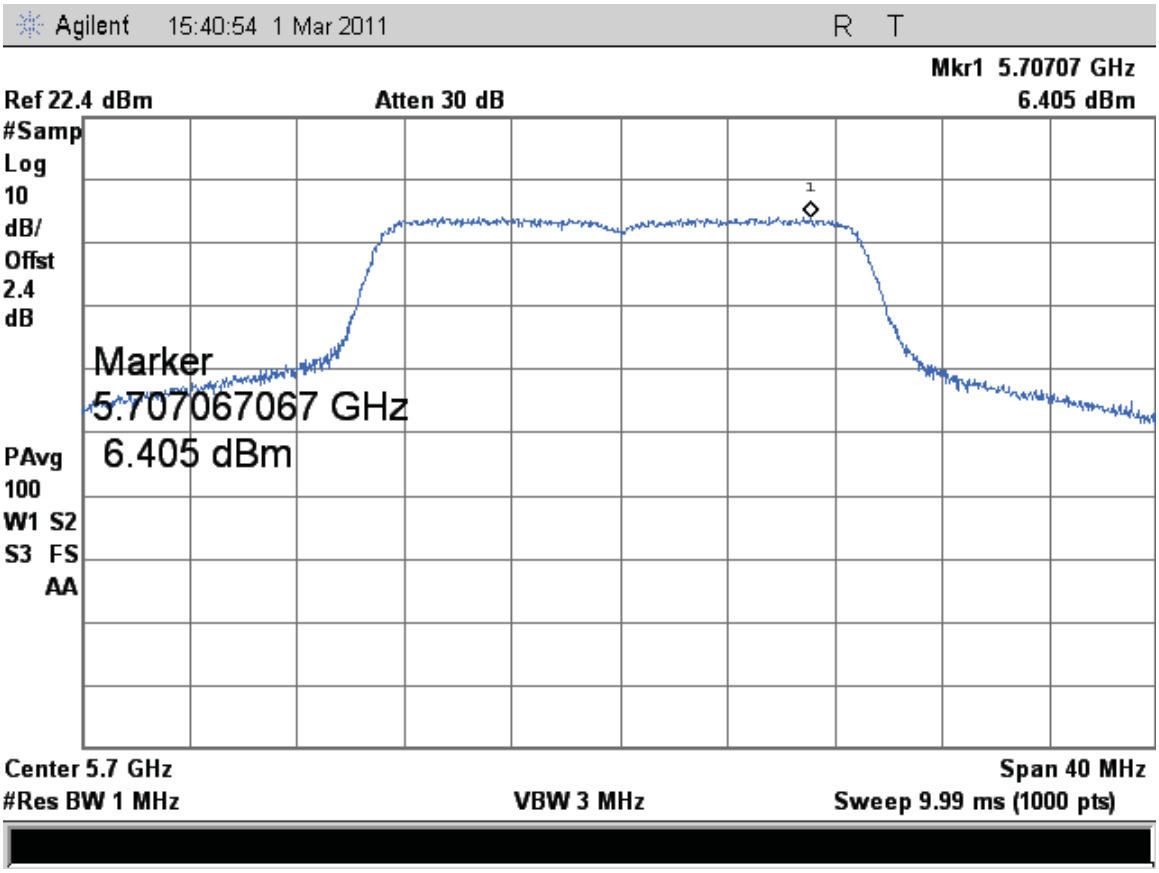


Figure 430: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 1 – 6.5 Mbps

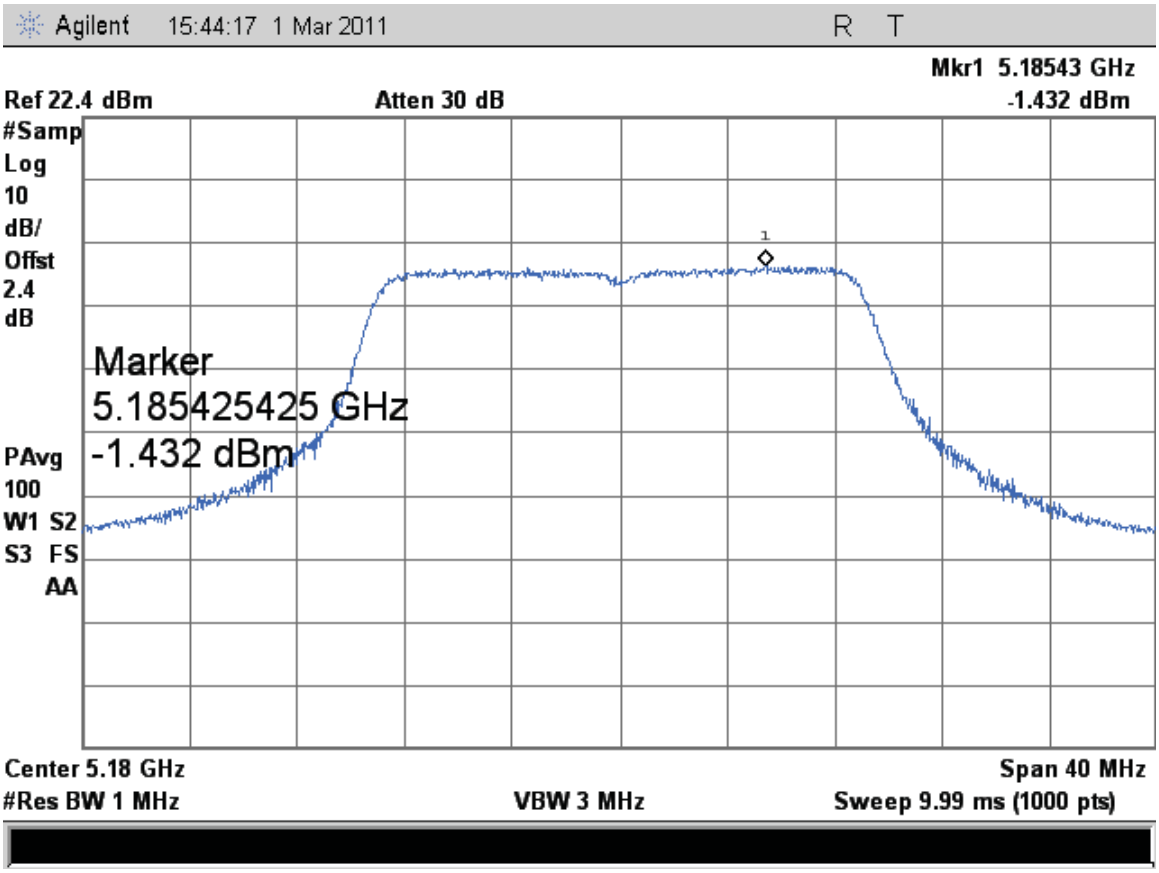


Figure 431: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

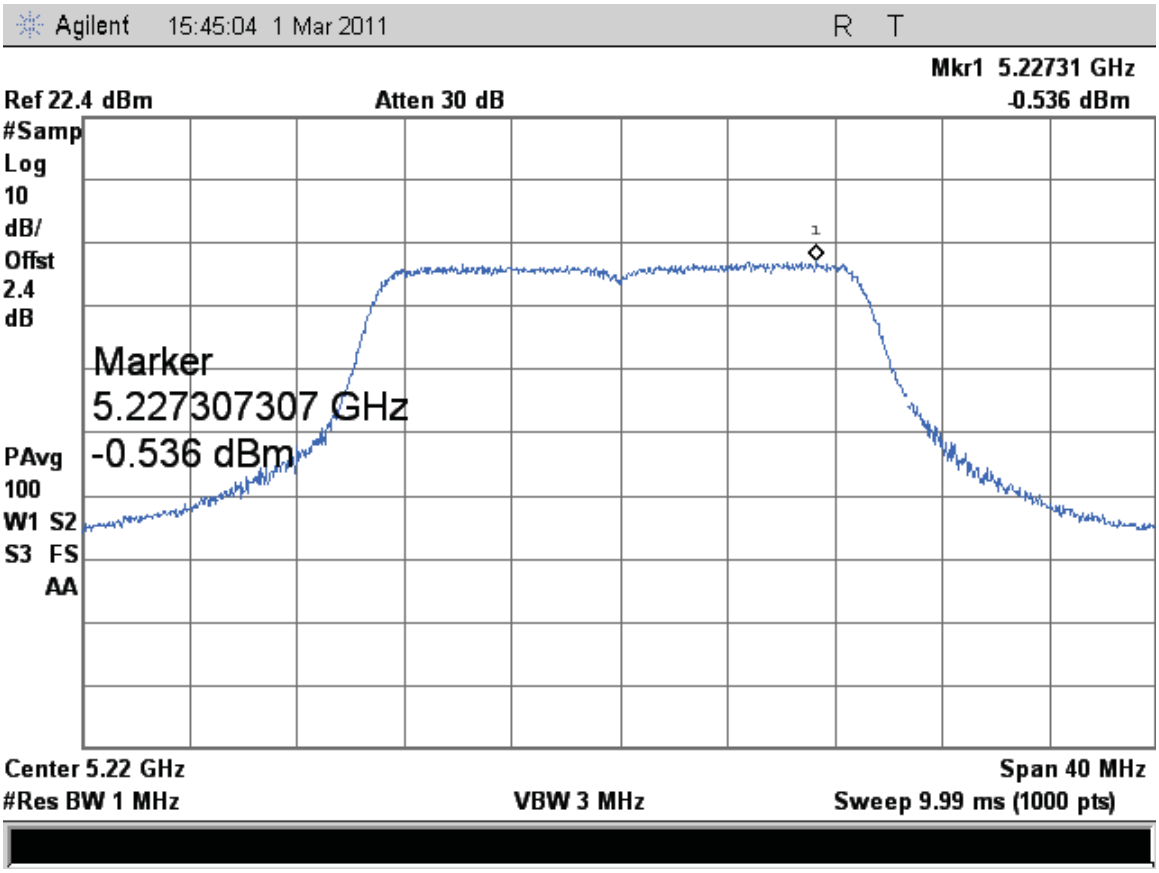


Figure 432: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

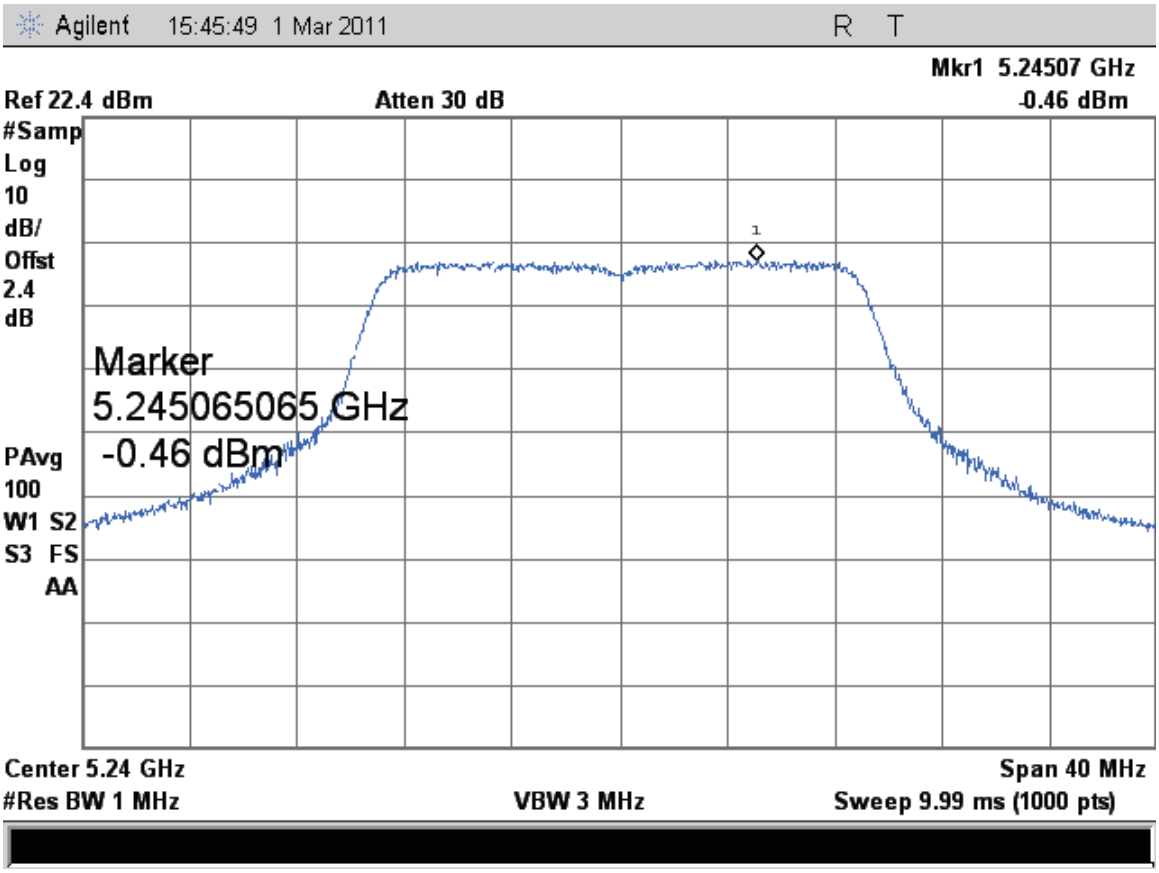


Figure 433: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

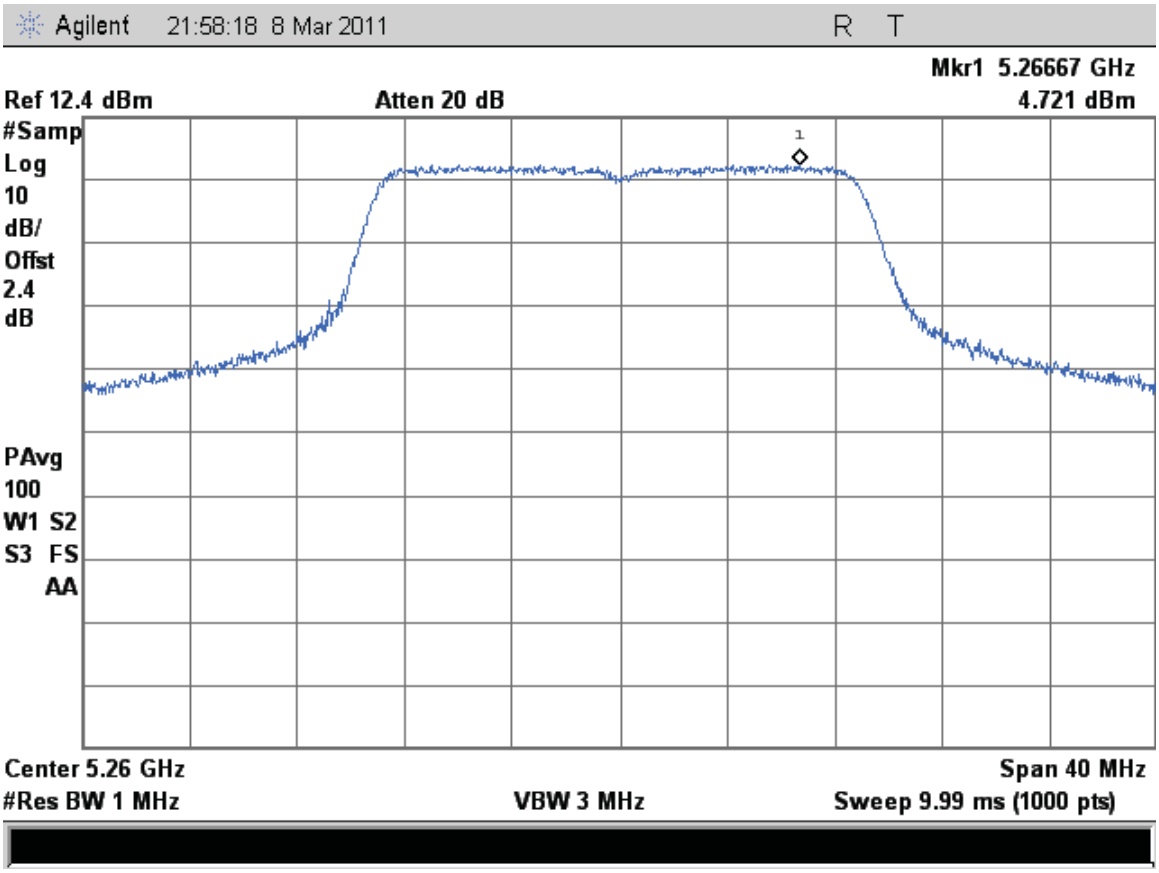


Figure 434: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

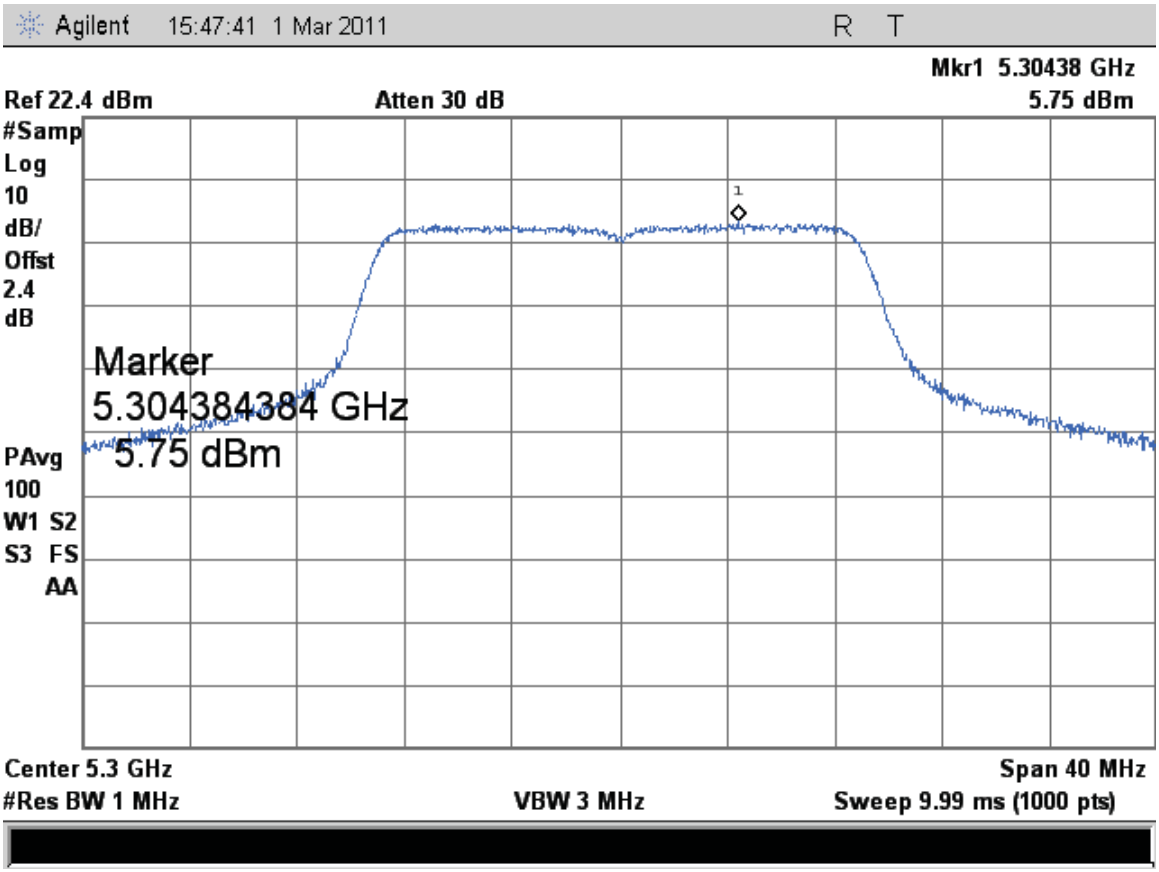


Figure 435: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

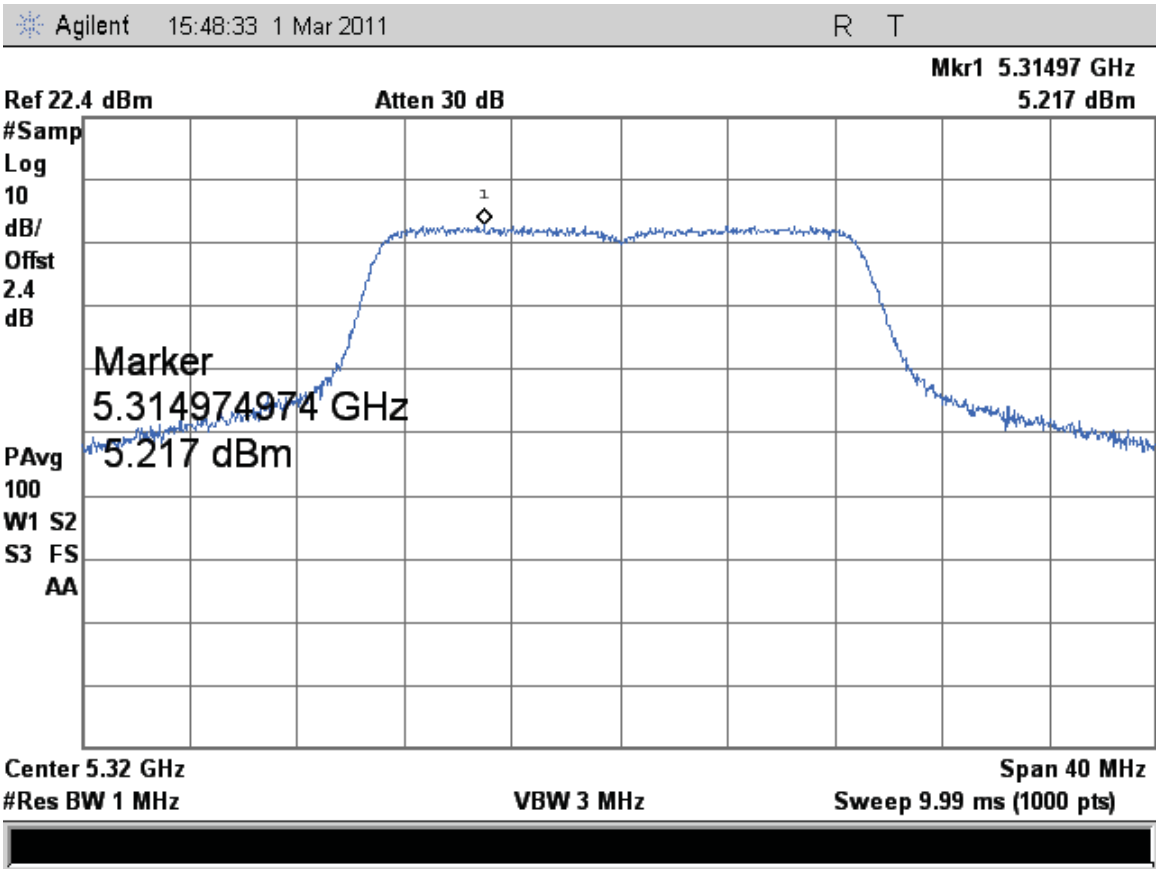


Figure 436: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

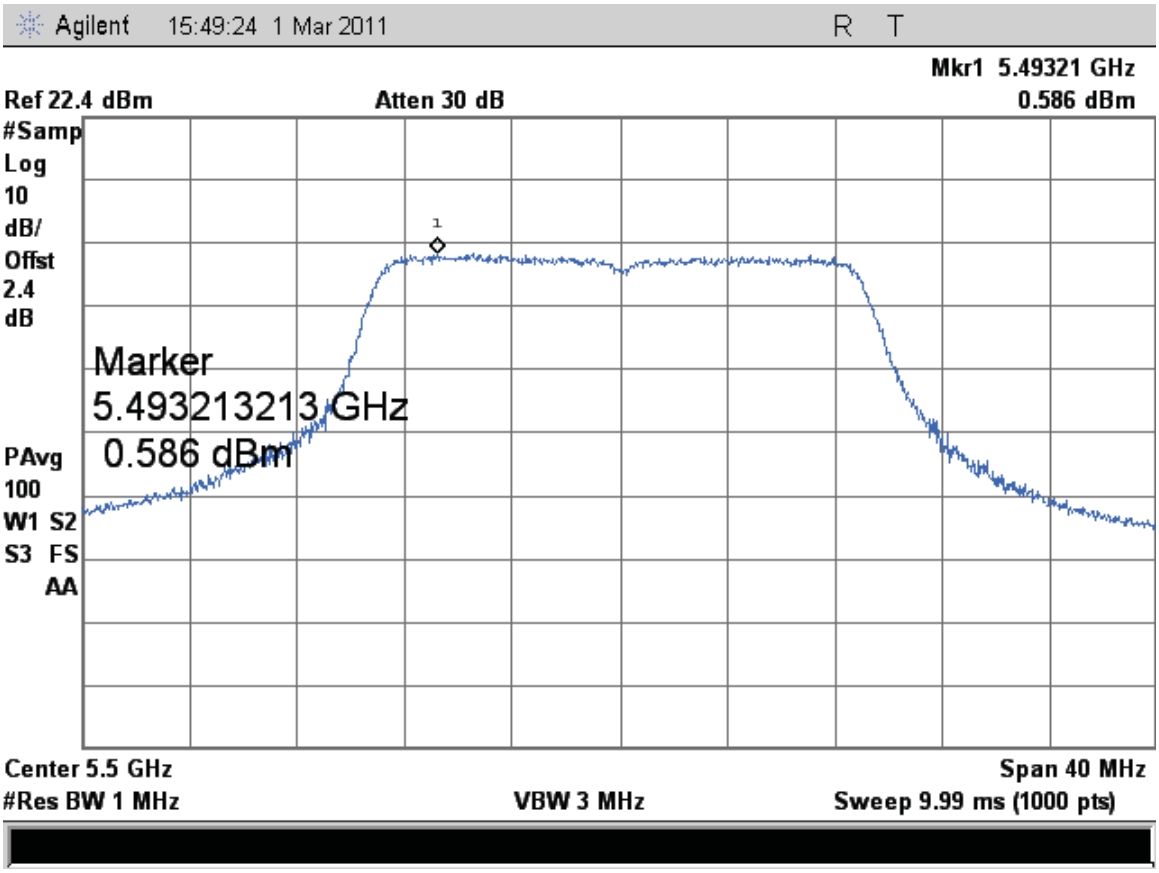


Figure 437: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

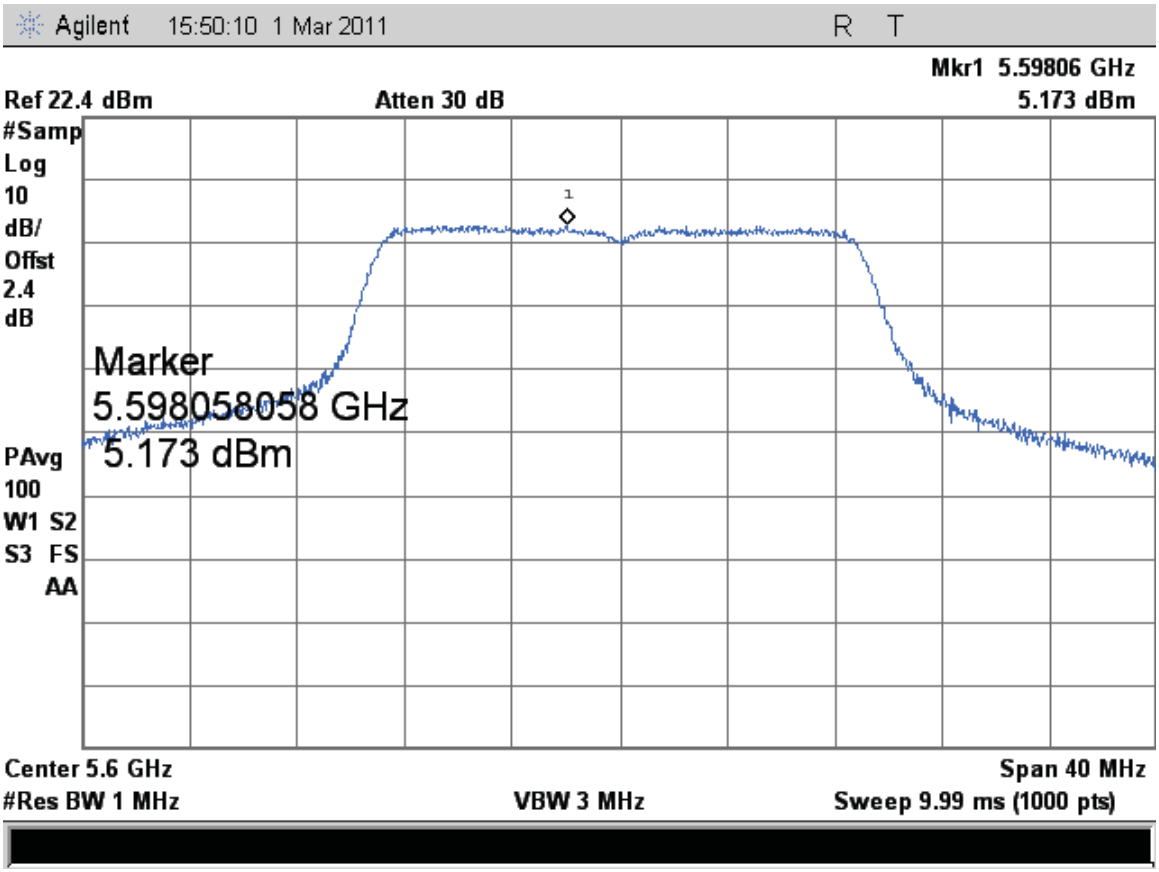


Figure 438: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

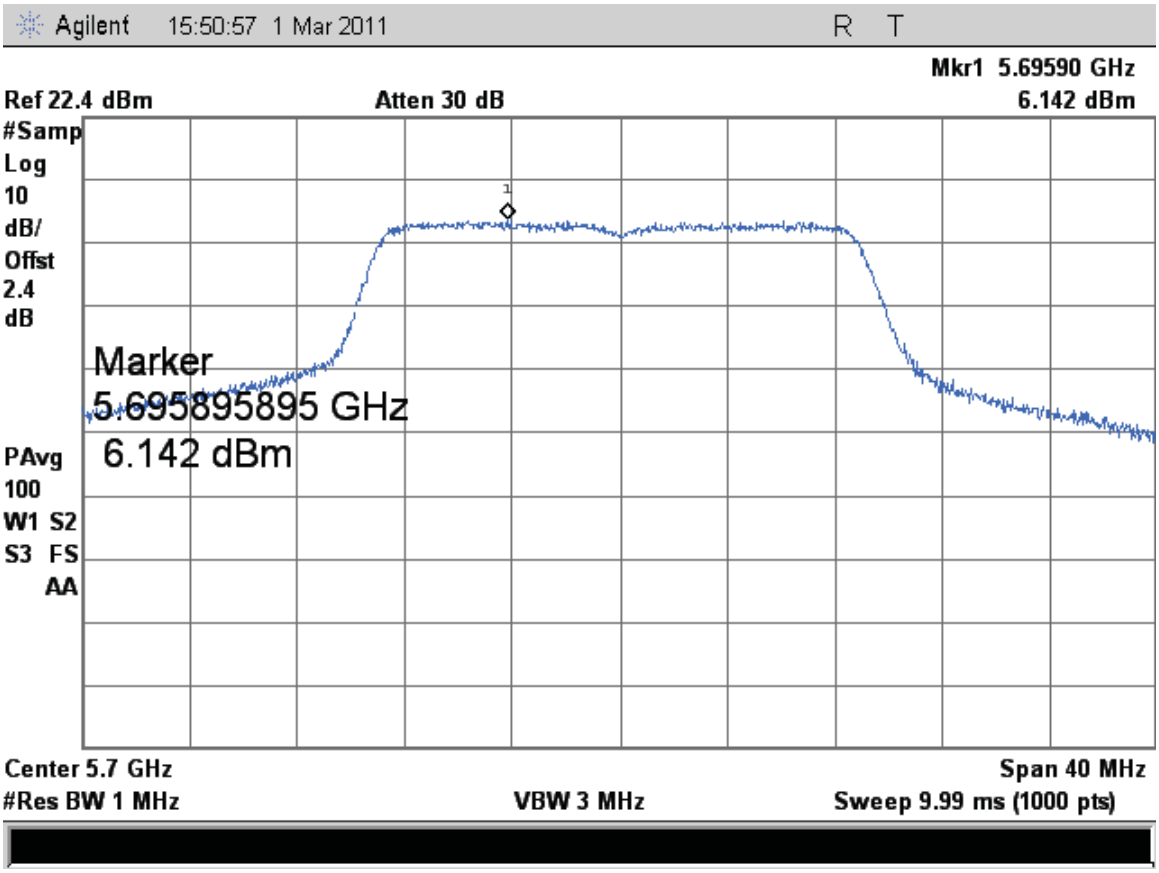


Figure 439: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 2 – 6.5 Mbps

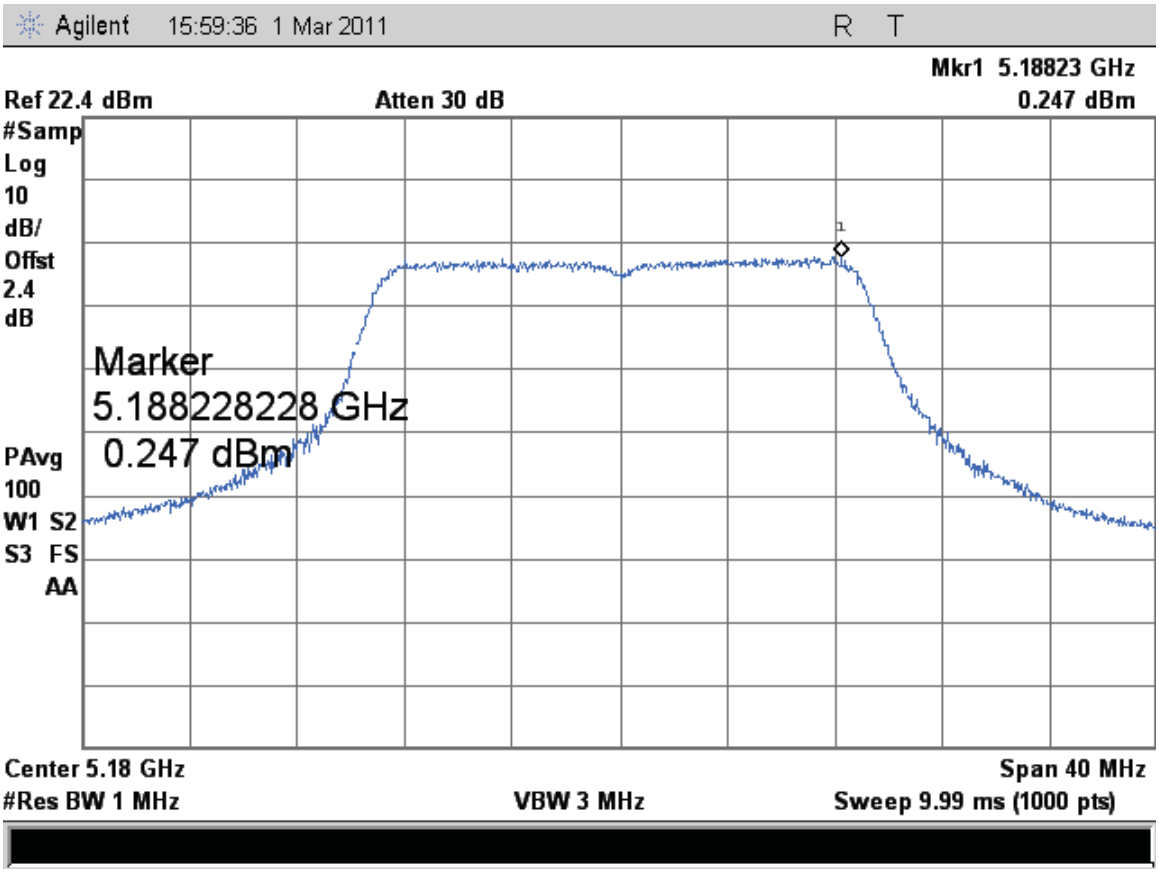


Figure 440: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

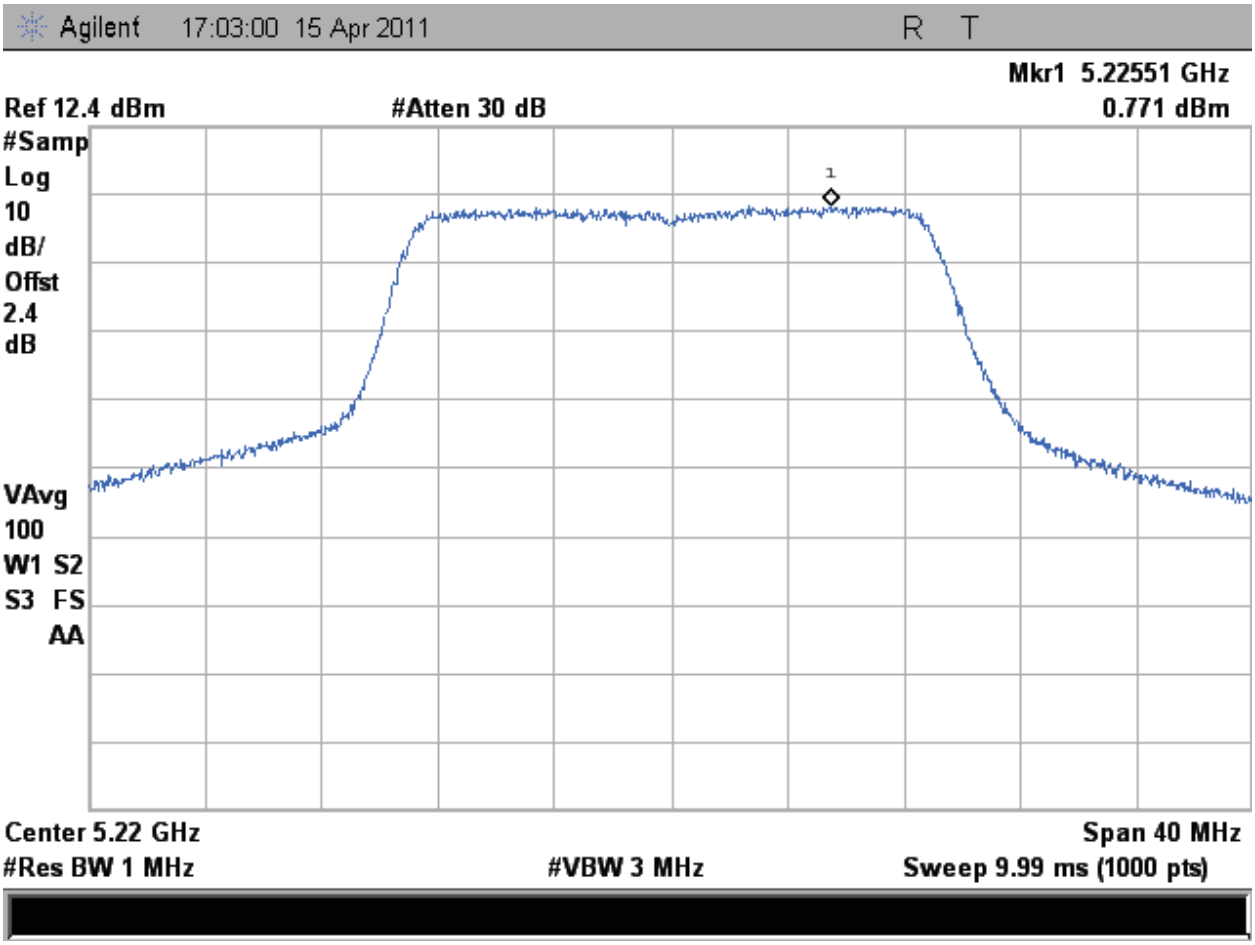


Figure 441: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

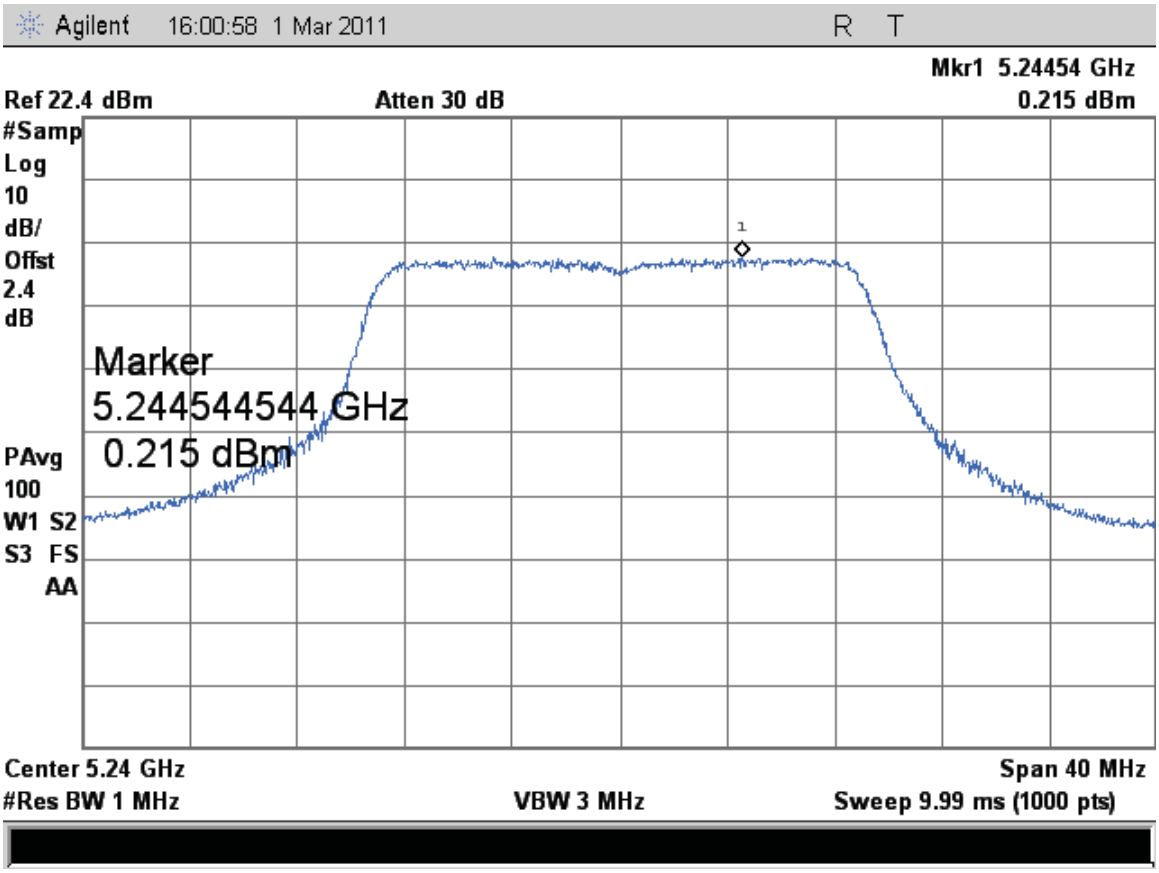


Figure 442: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

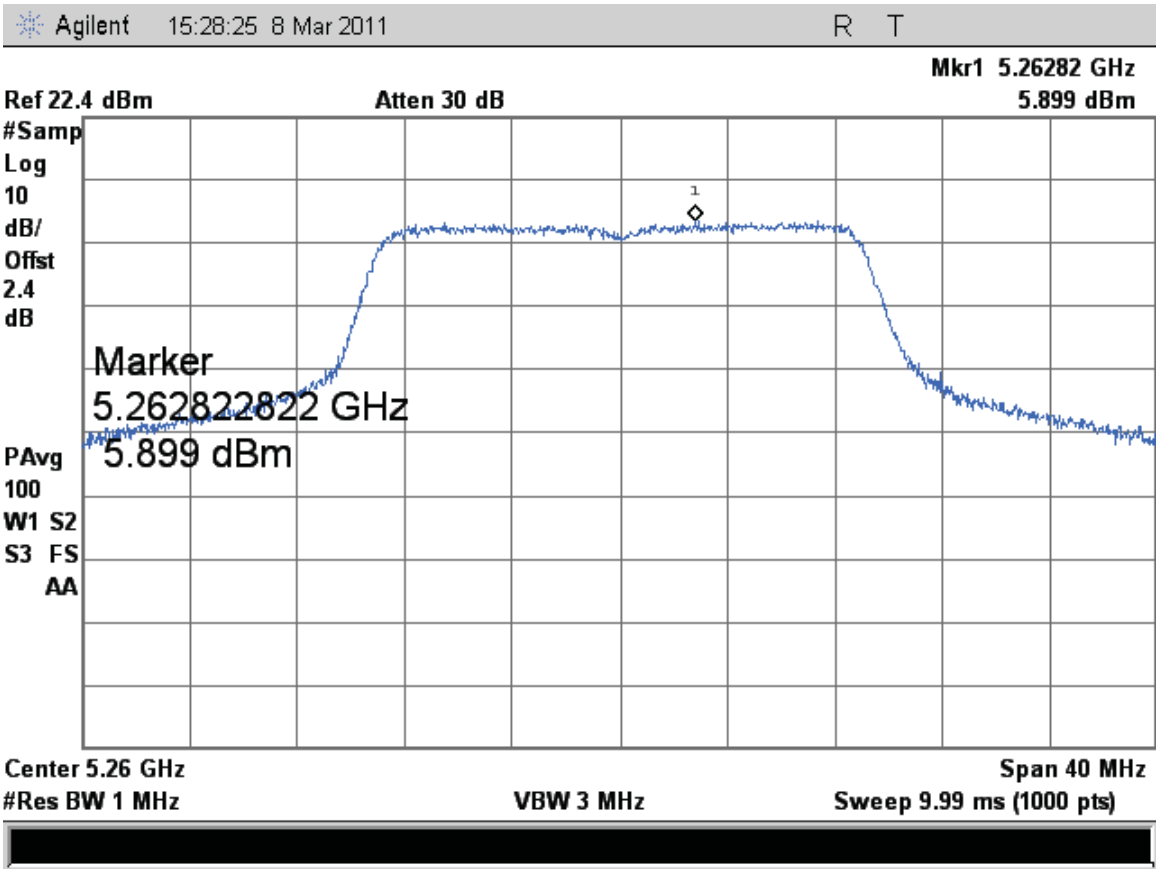


Figure 443: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

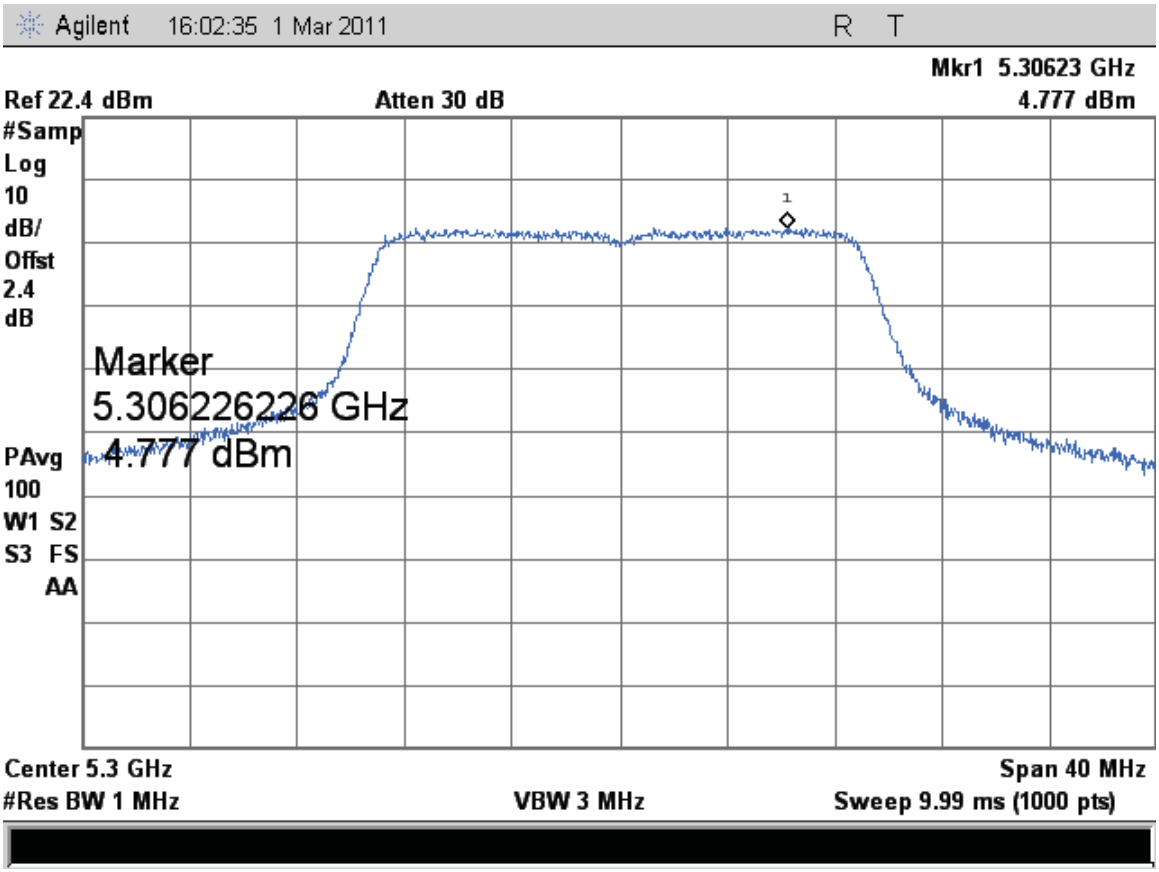


Figure 444: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

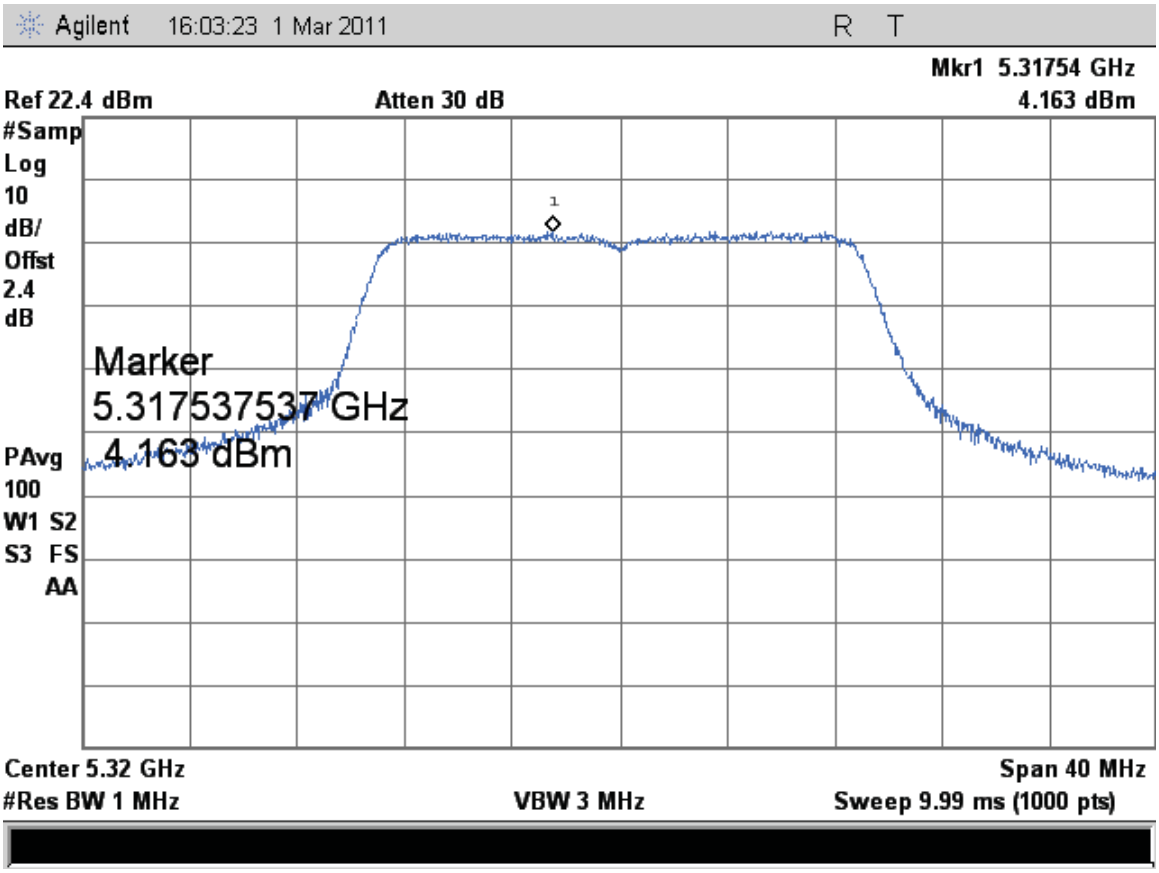


Figure 445: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

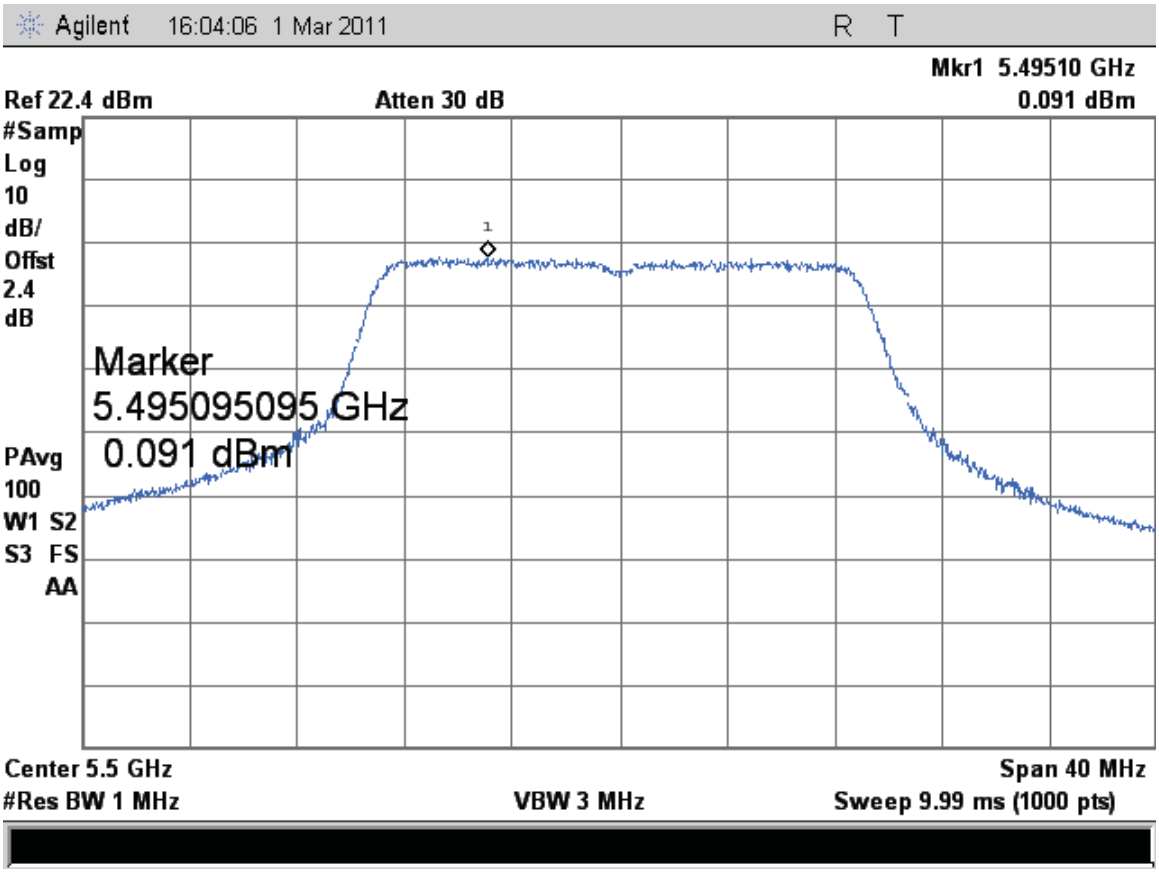


Figure 446: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

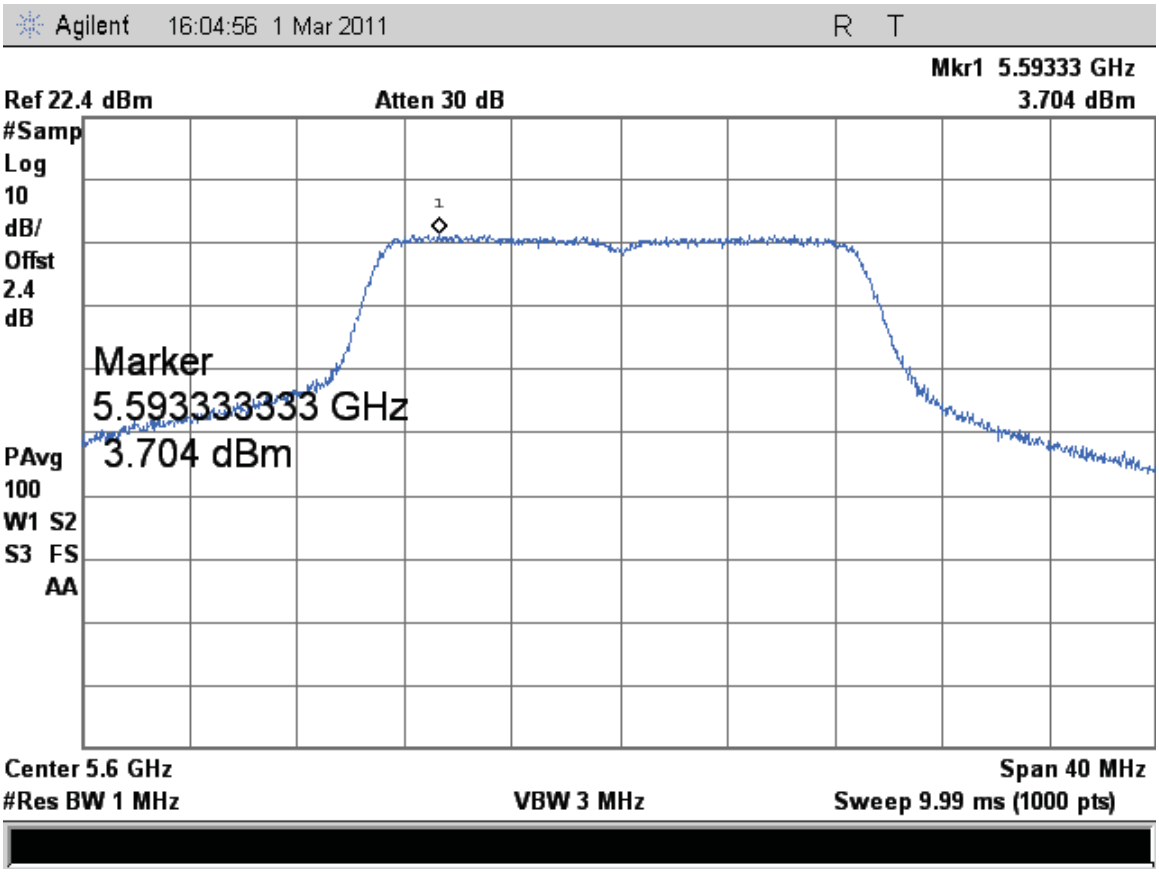


Figure 447: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

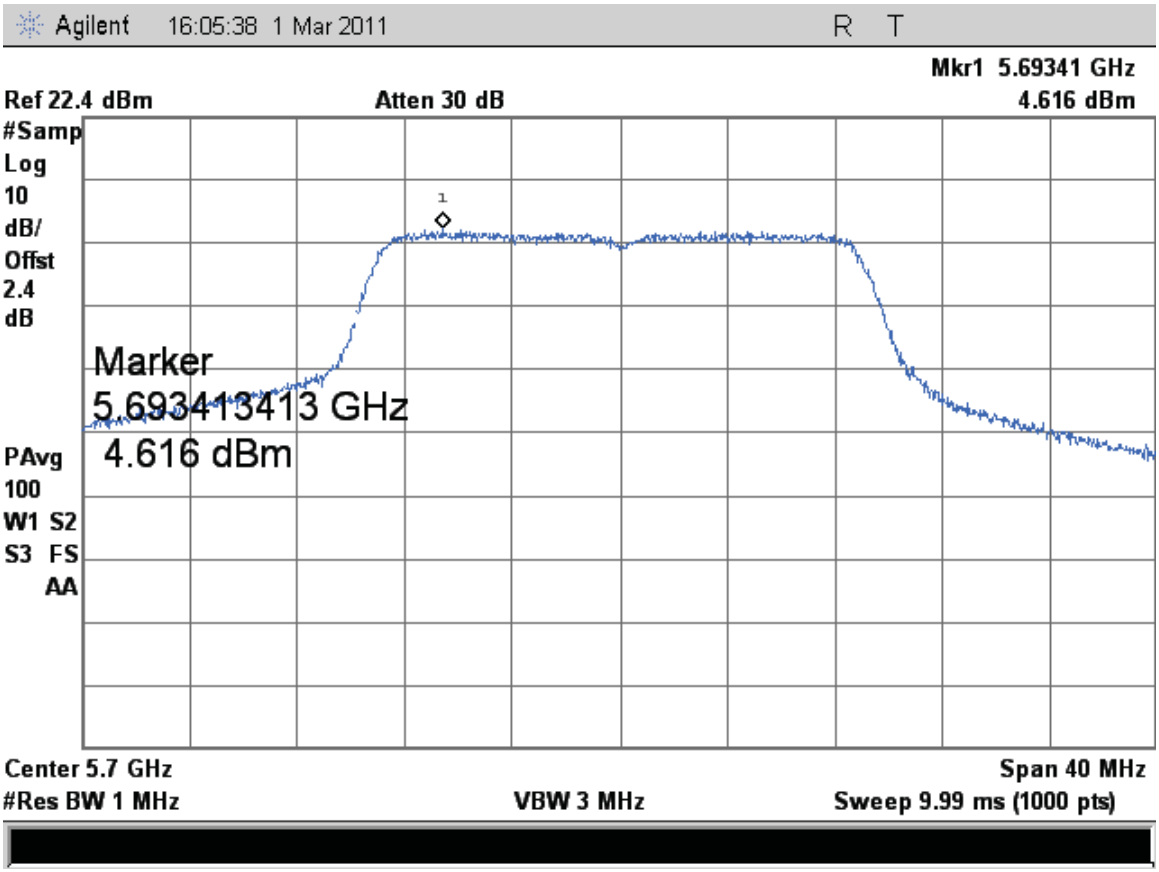


Figure 448: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 0 – 13 Mbps

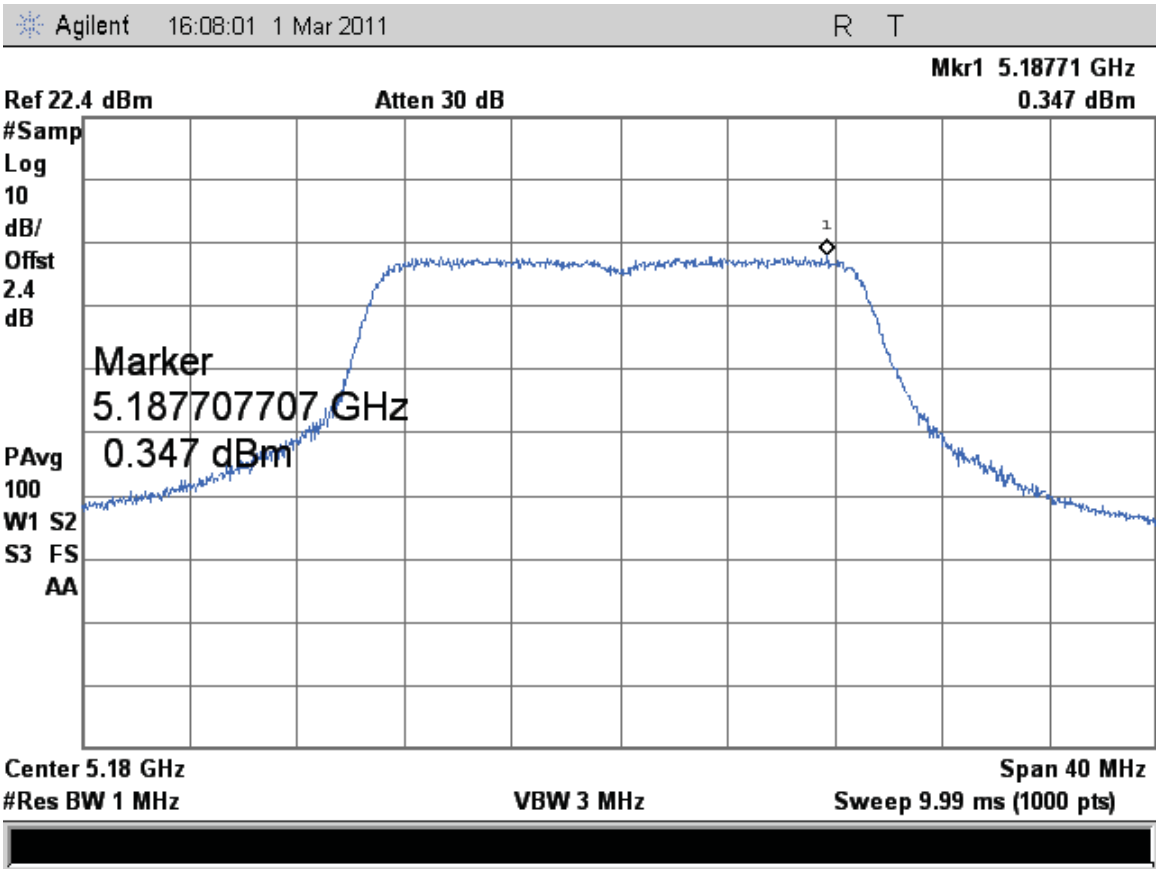


Figure 449: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

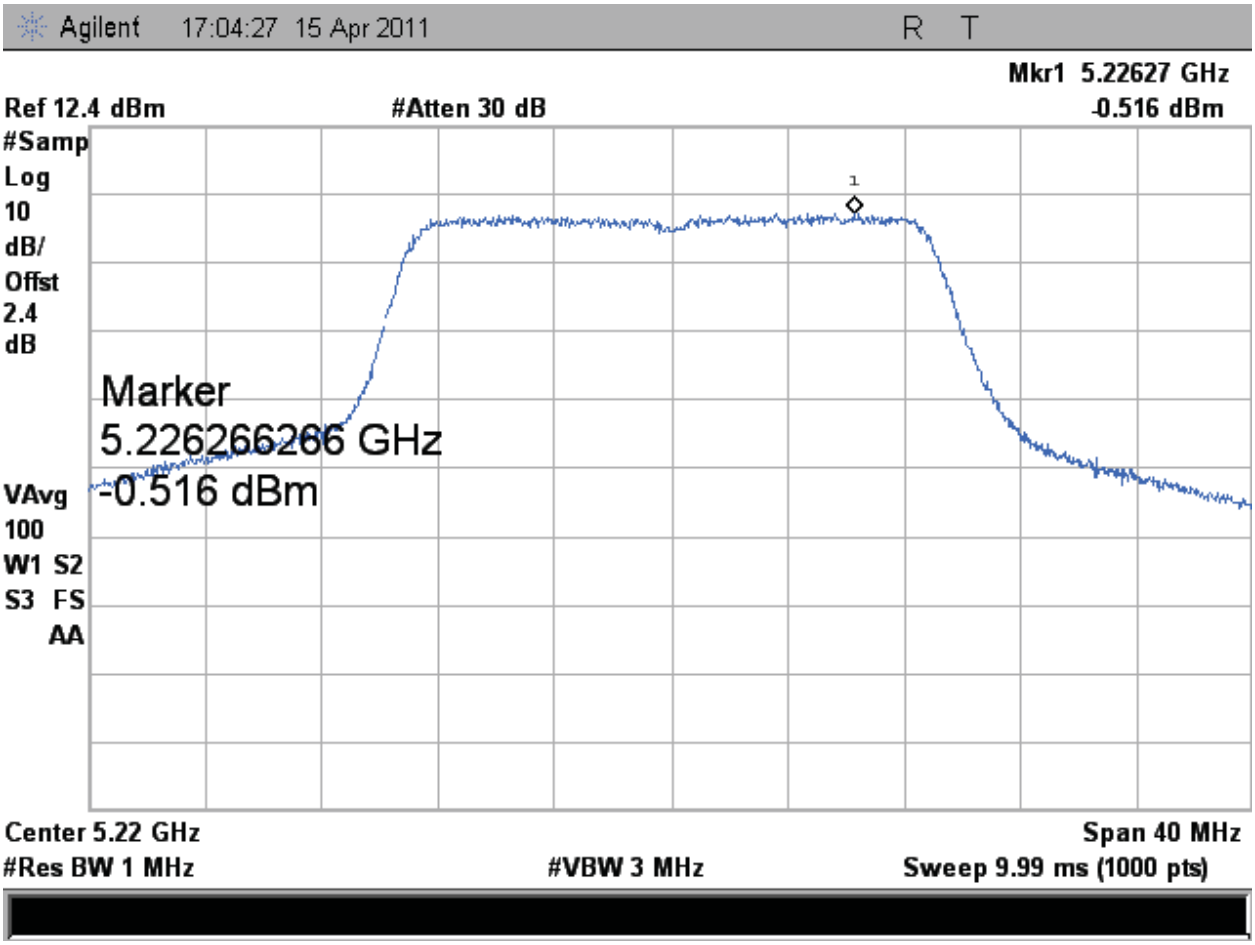


Figure 450: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

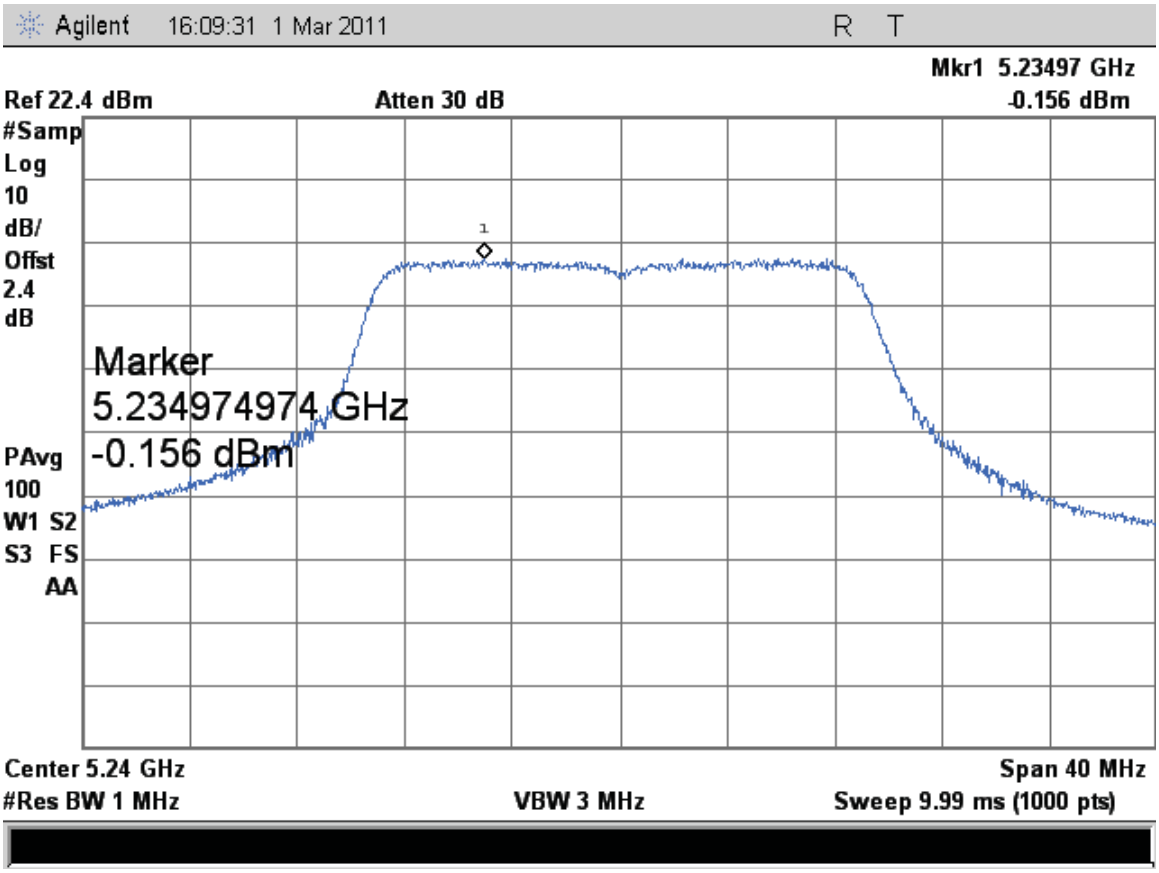


Figure 451: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

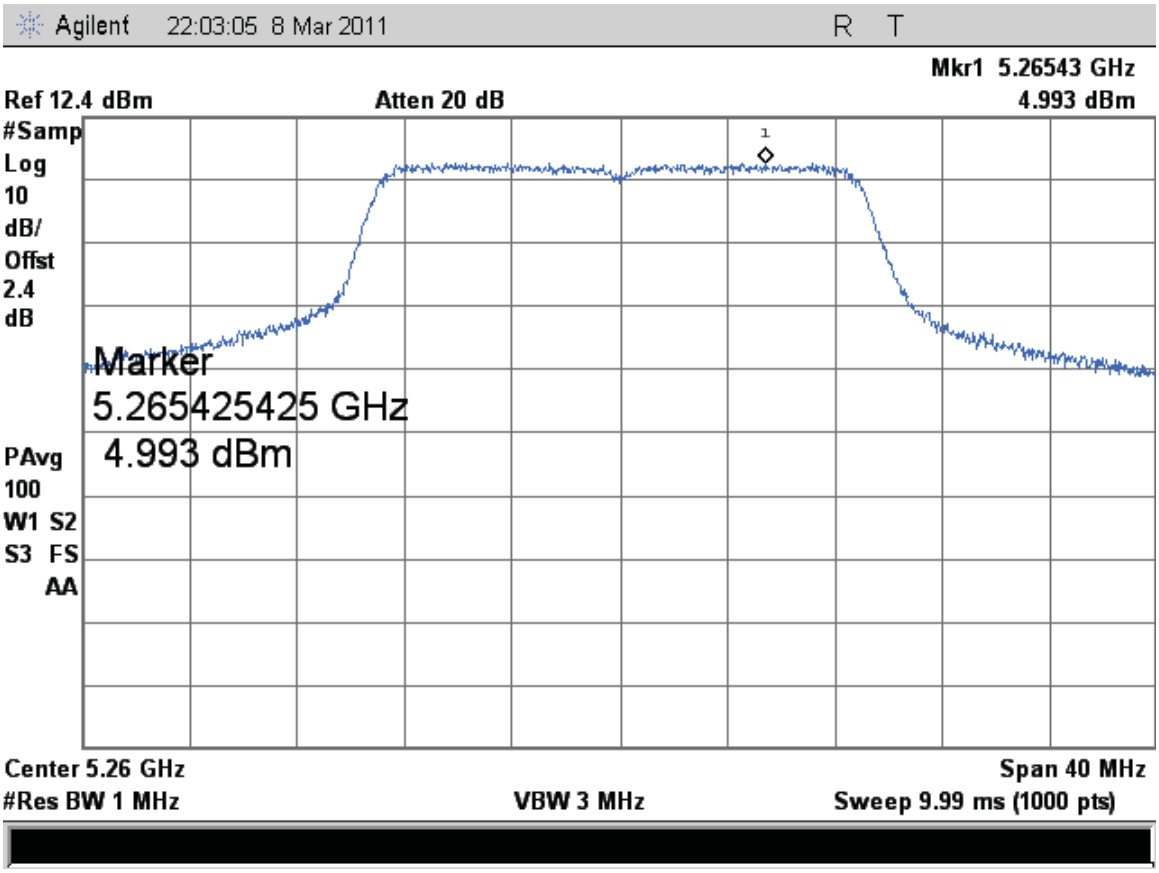


Figure 452: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

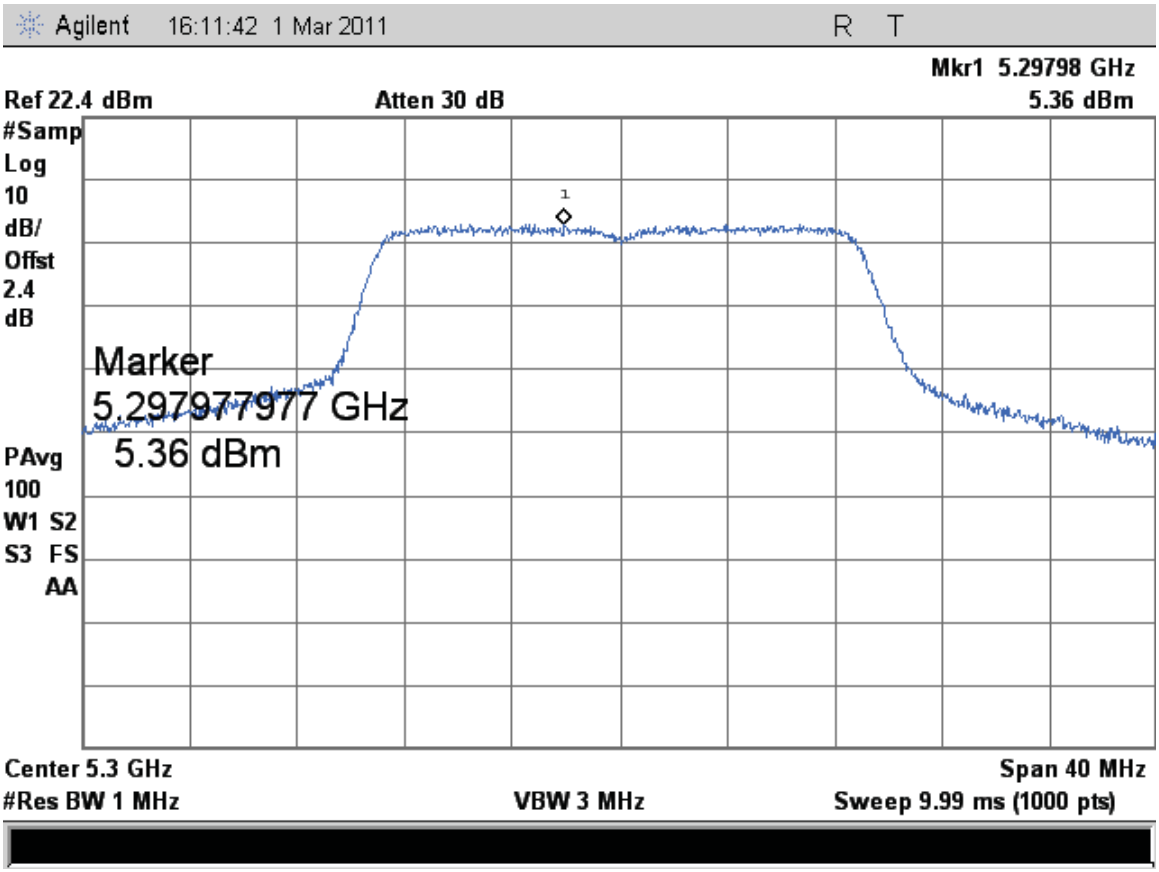


Figure 453: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

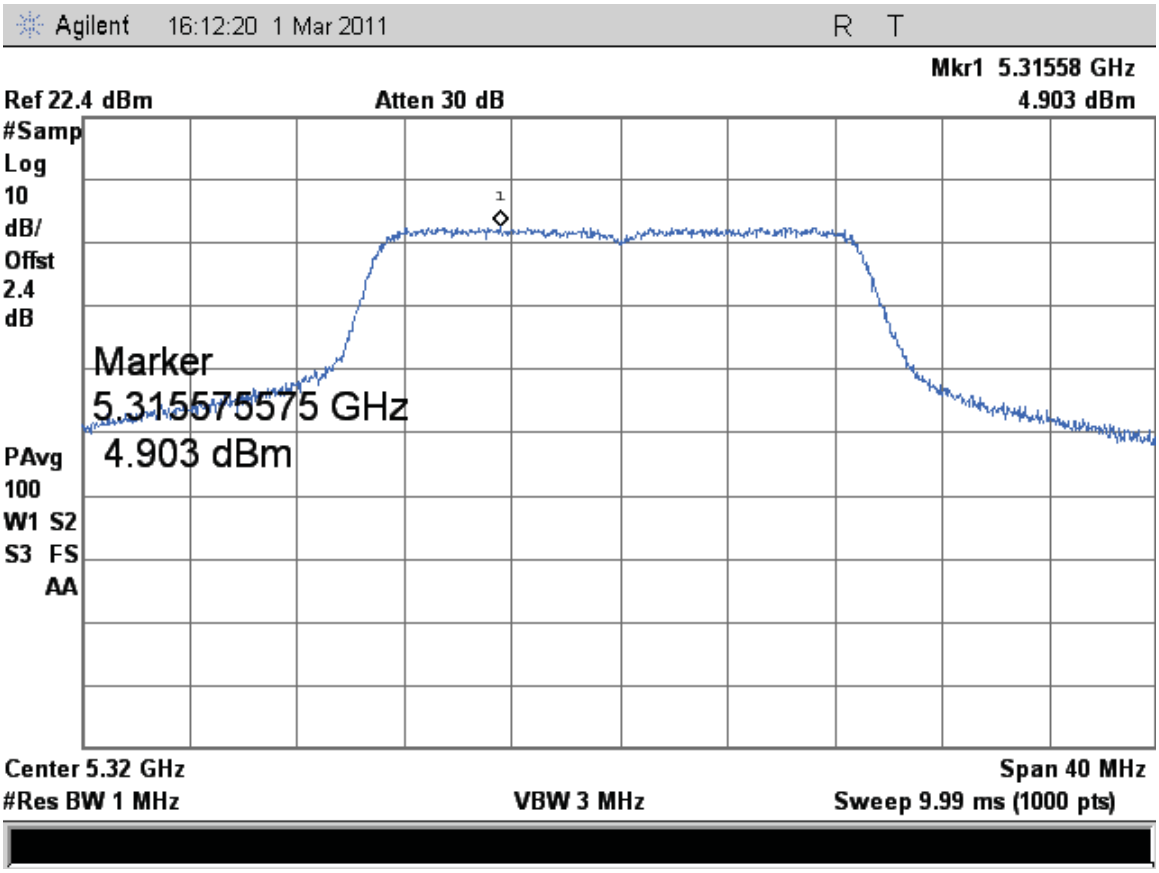


Figure 454: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

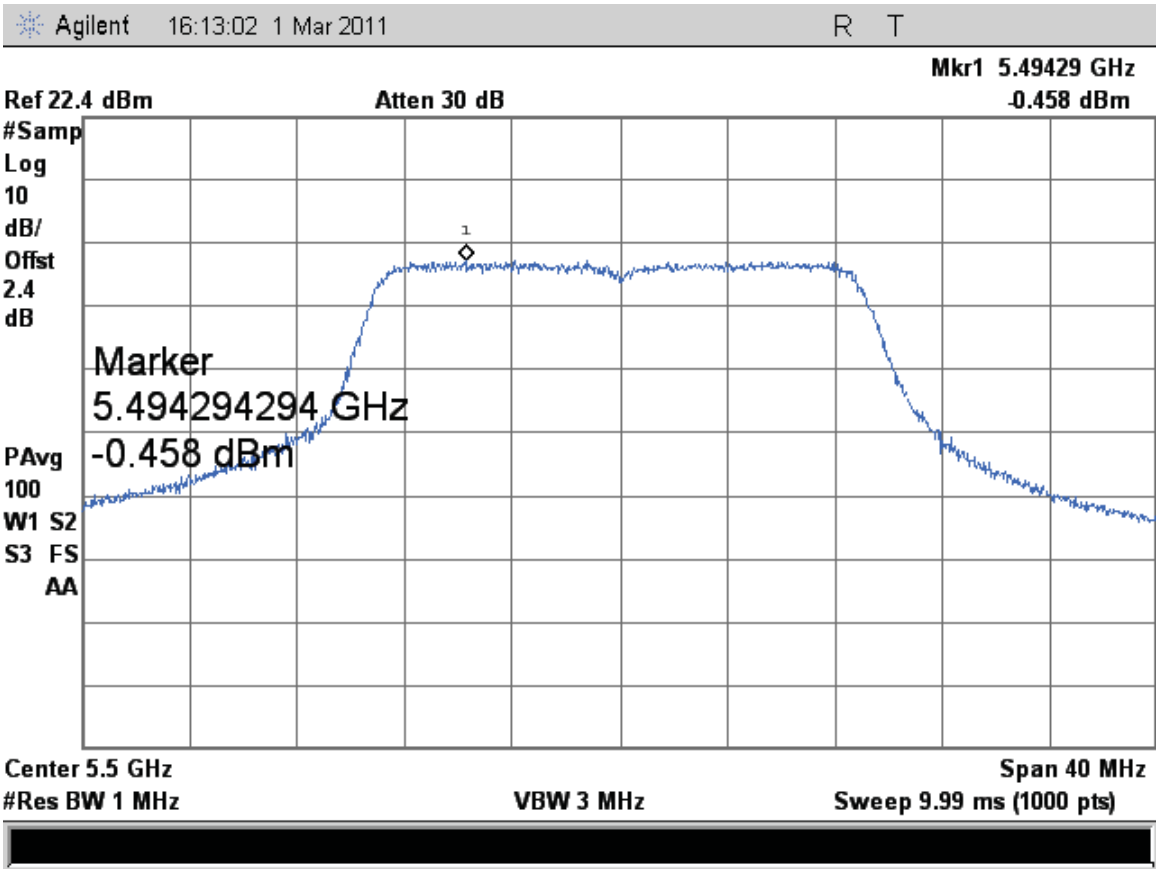


Figure 455: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

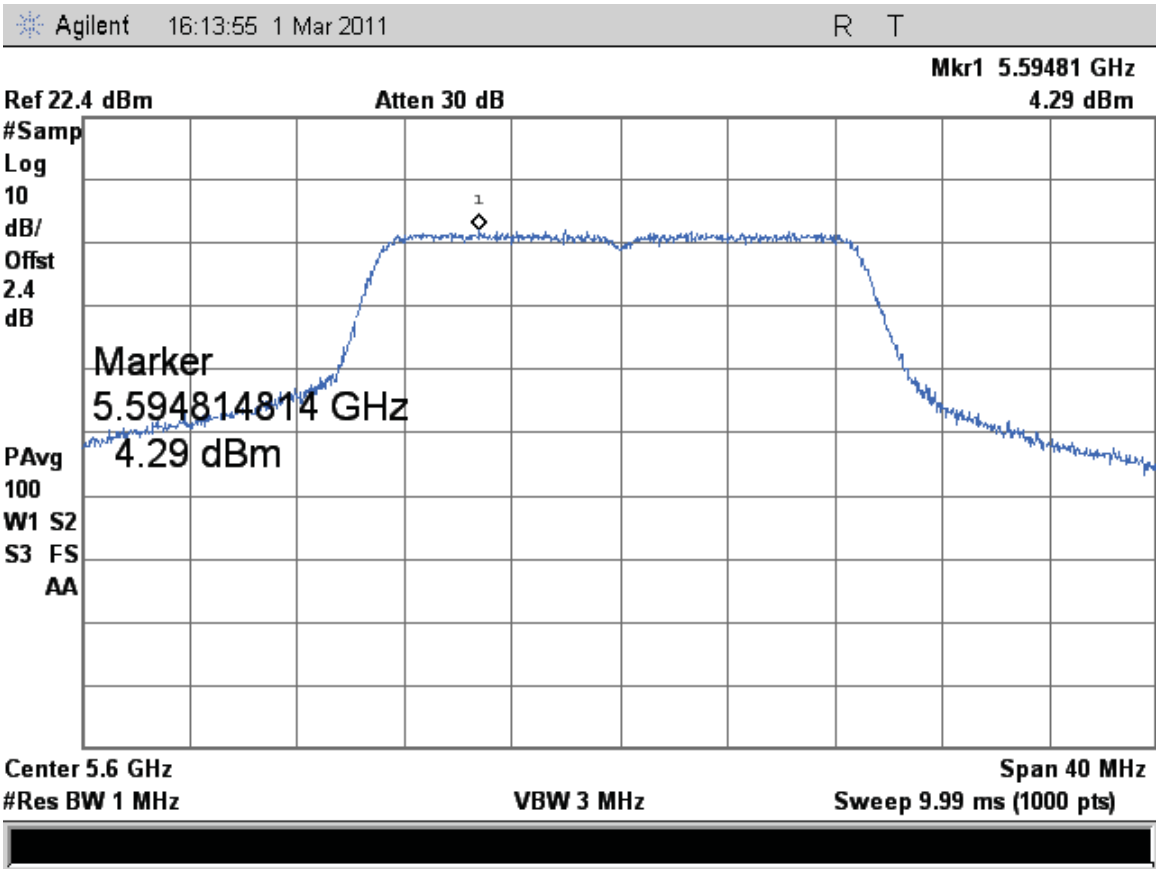


Figure 456: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

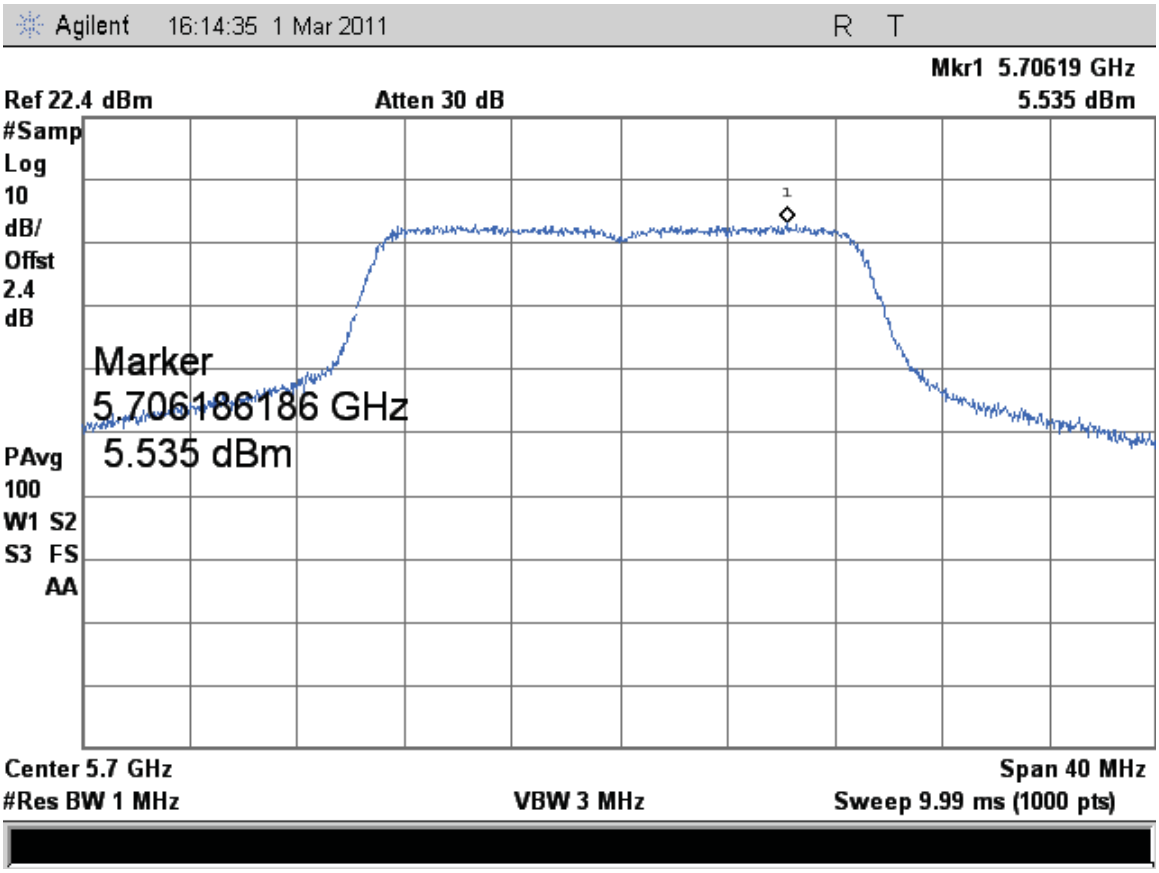


Figure 457: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 1 – 13 Mbps

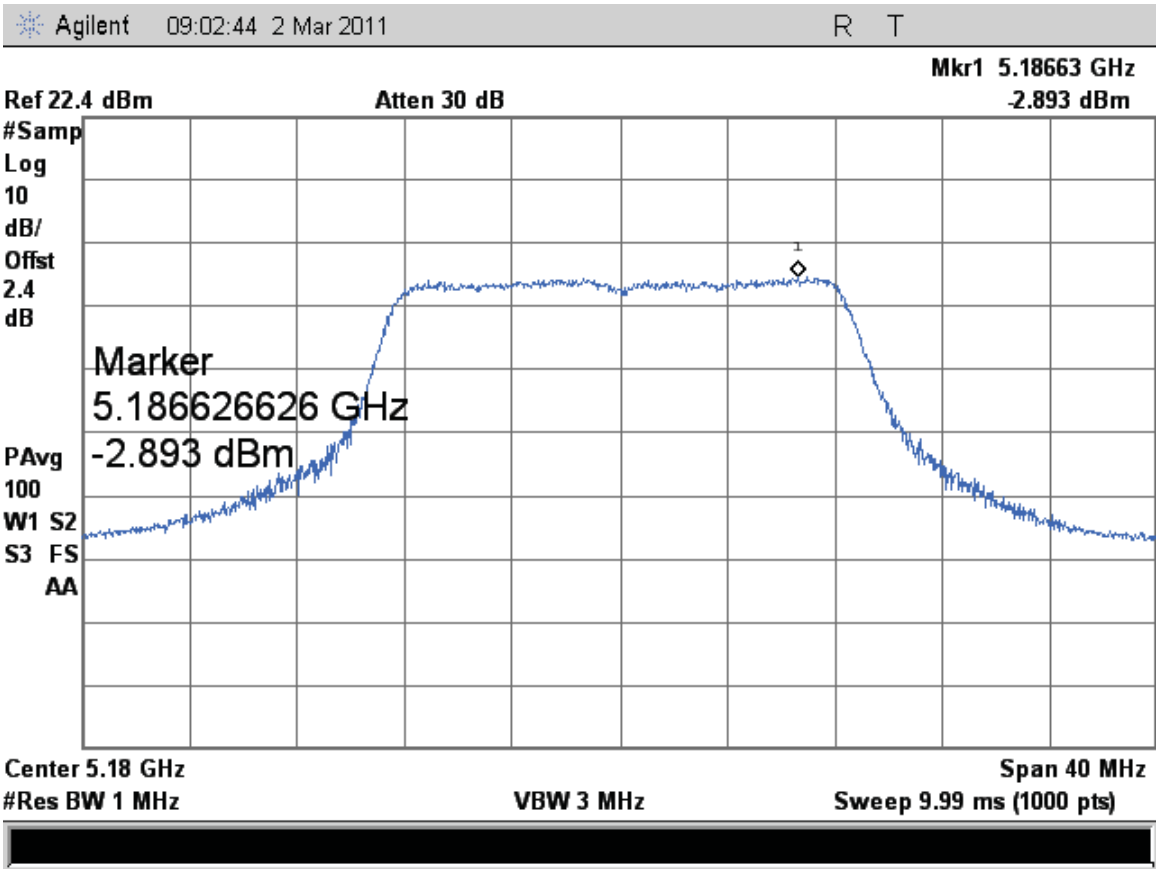


Figure 458: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

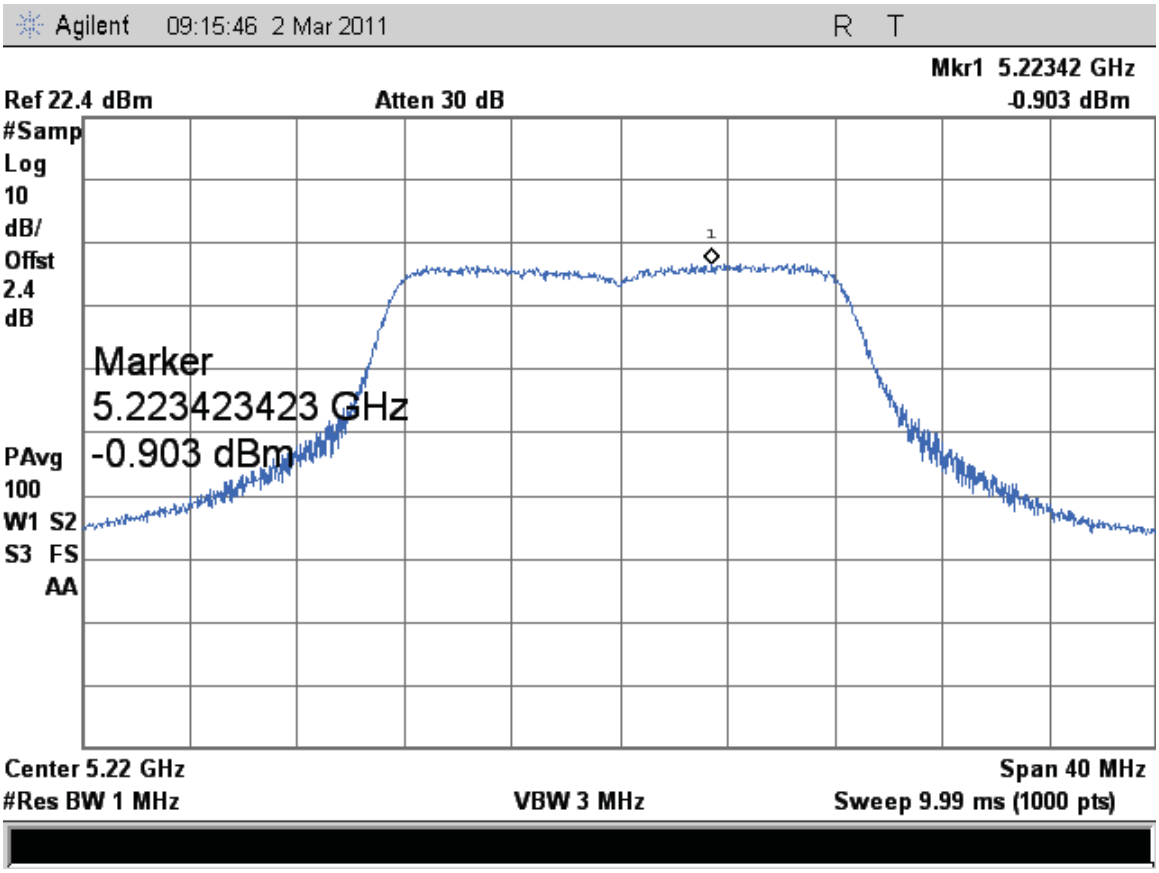


Figure 459: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

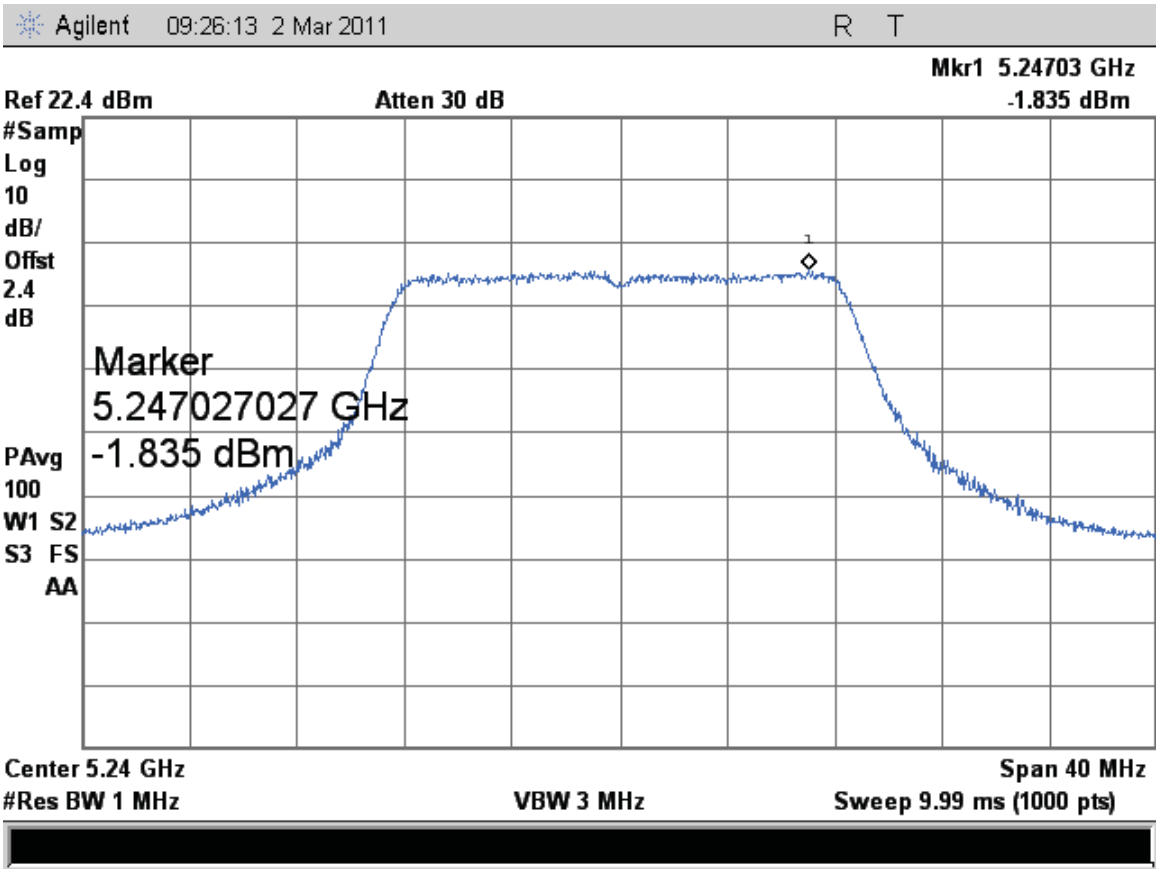


Figure 460: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

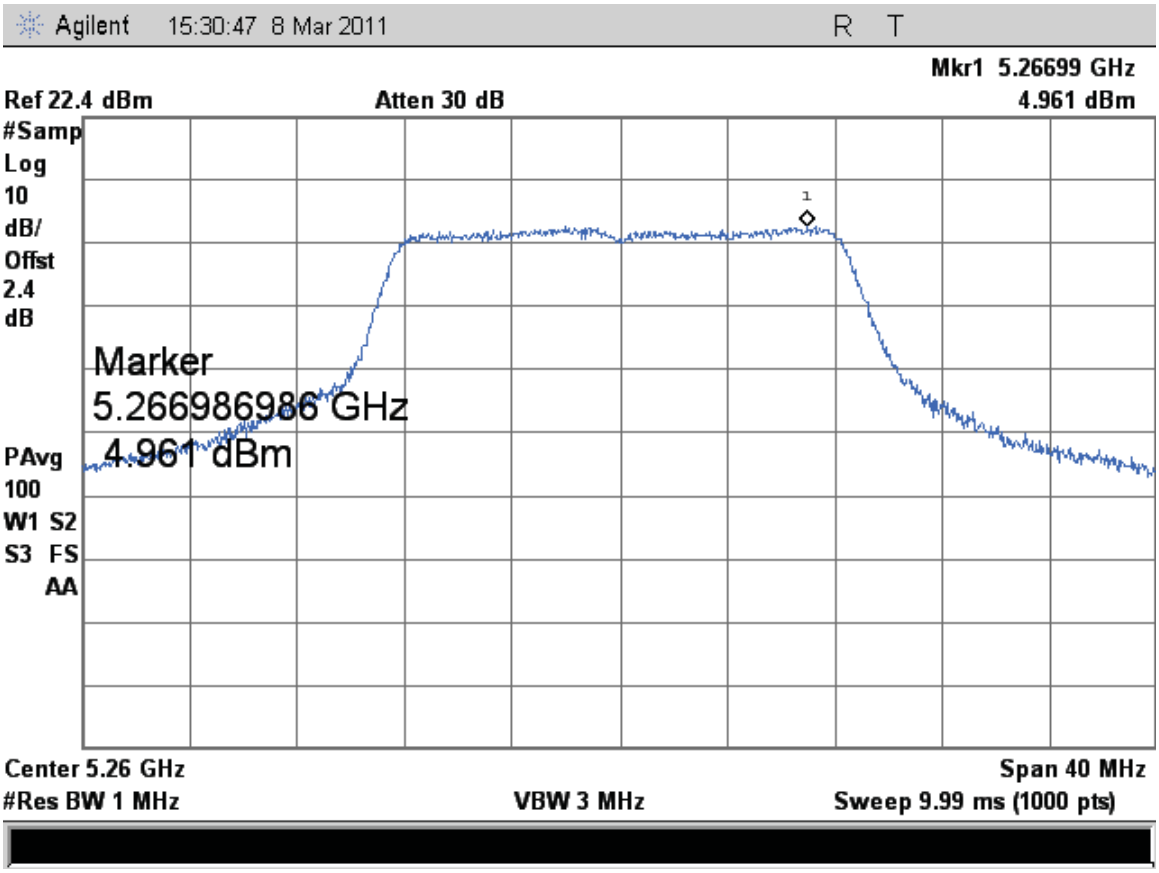


Figure 461: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

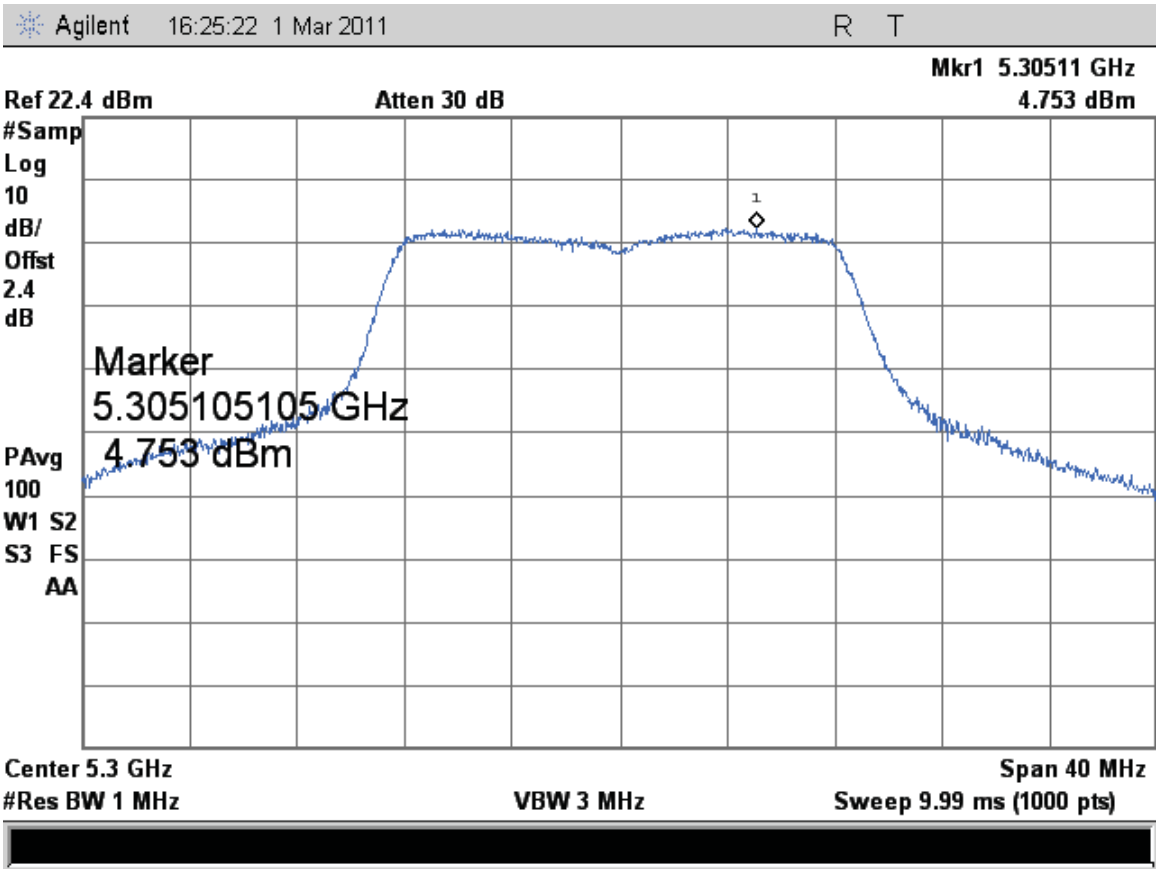


Figure 462: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

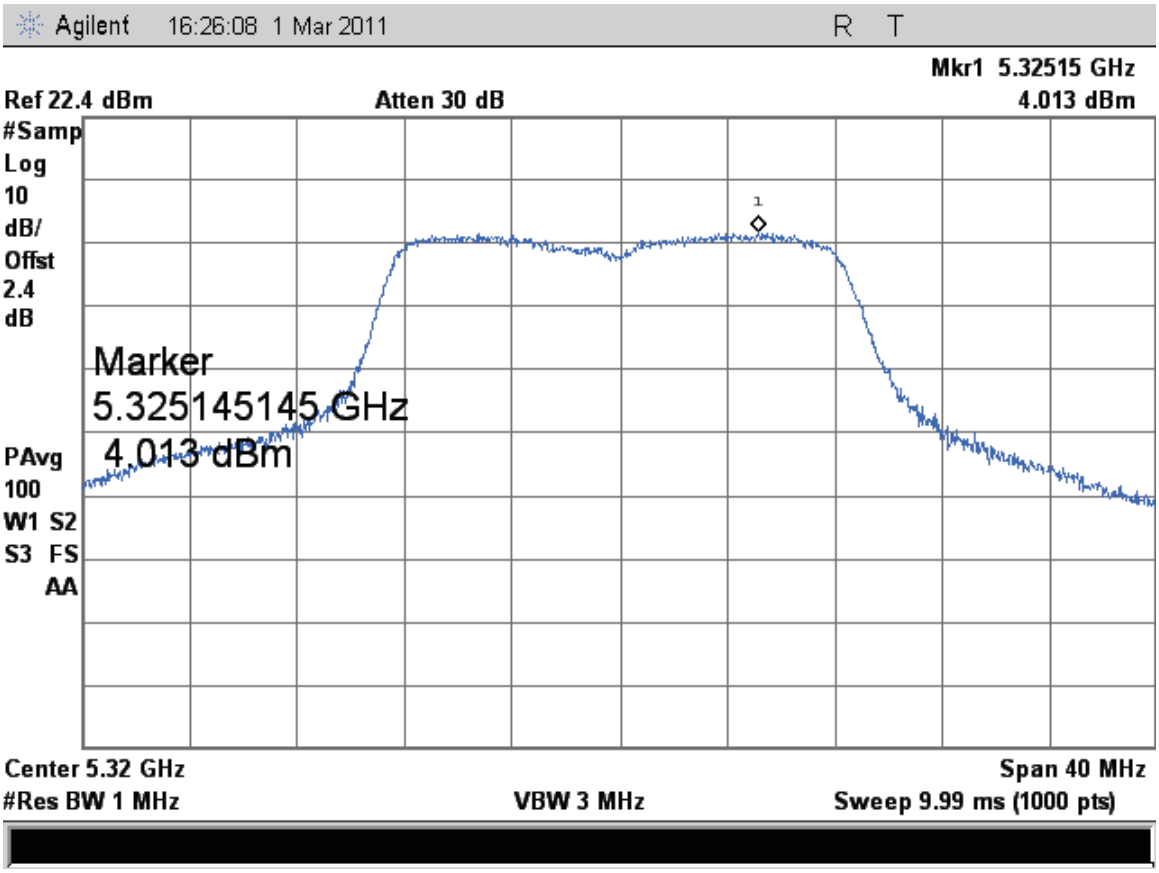


Figure 463: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

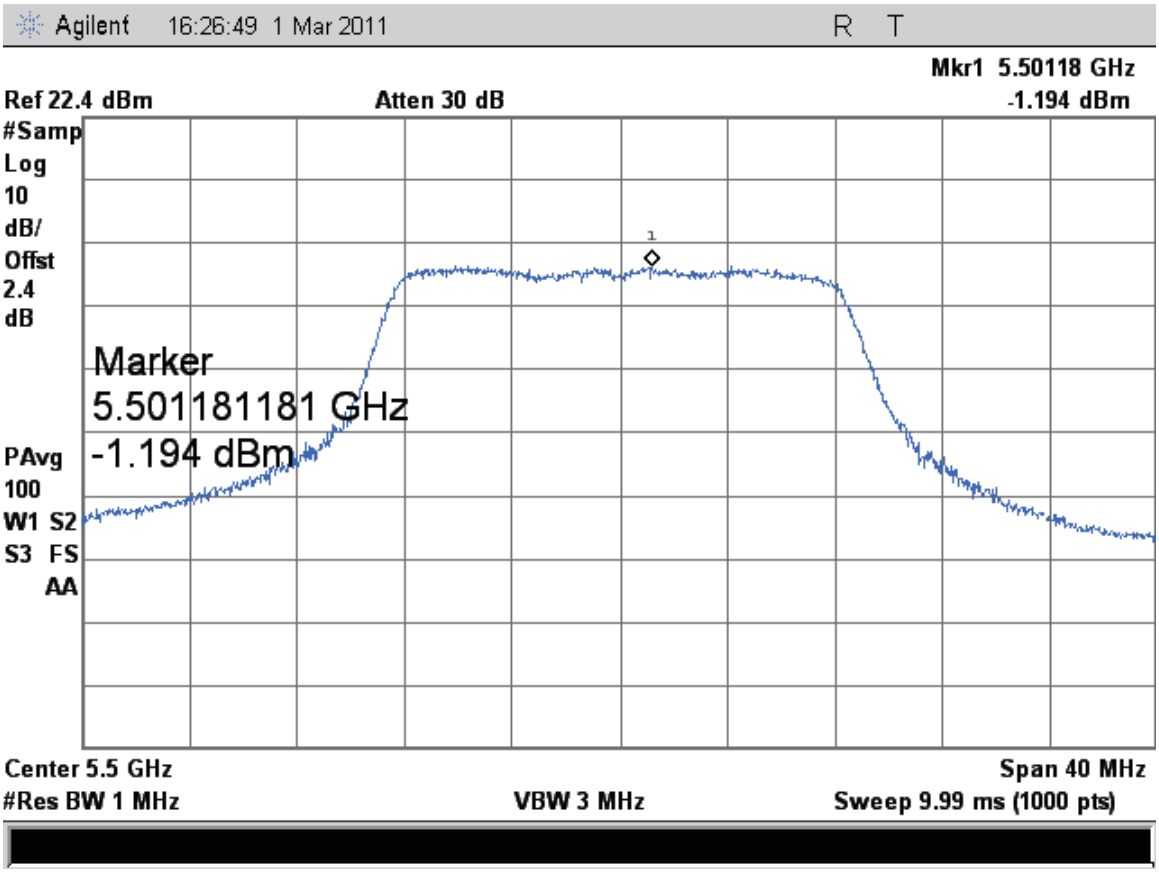


Figure 464: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

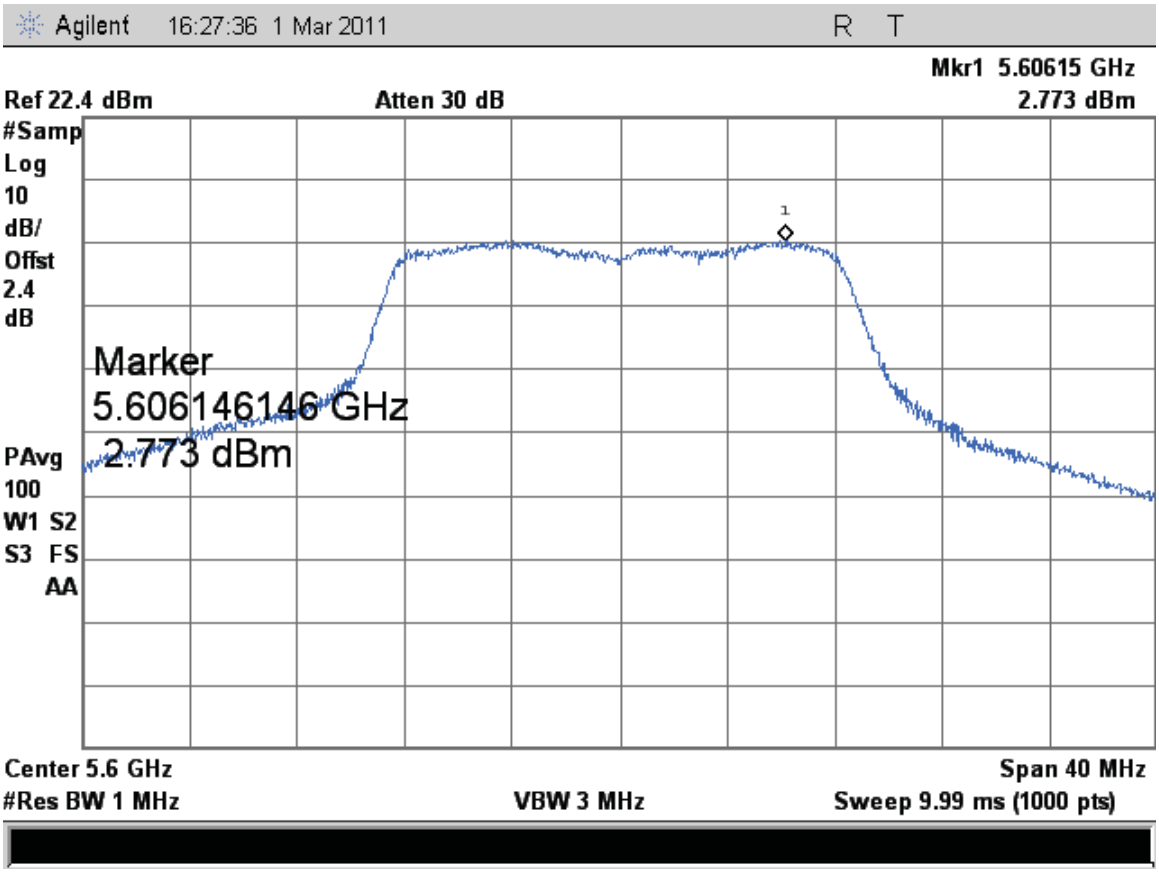


Figure 465: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

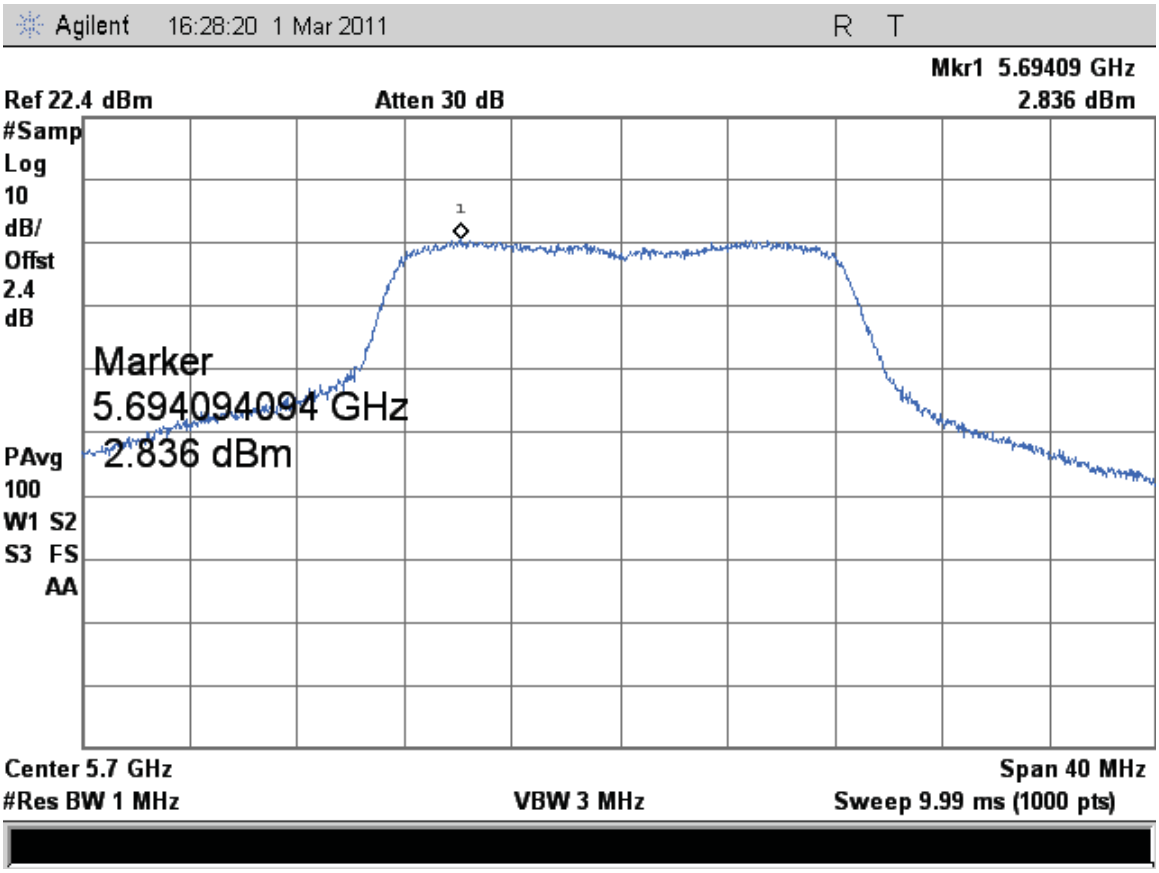


Figure 466: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 0 – 19.5 Mbps

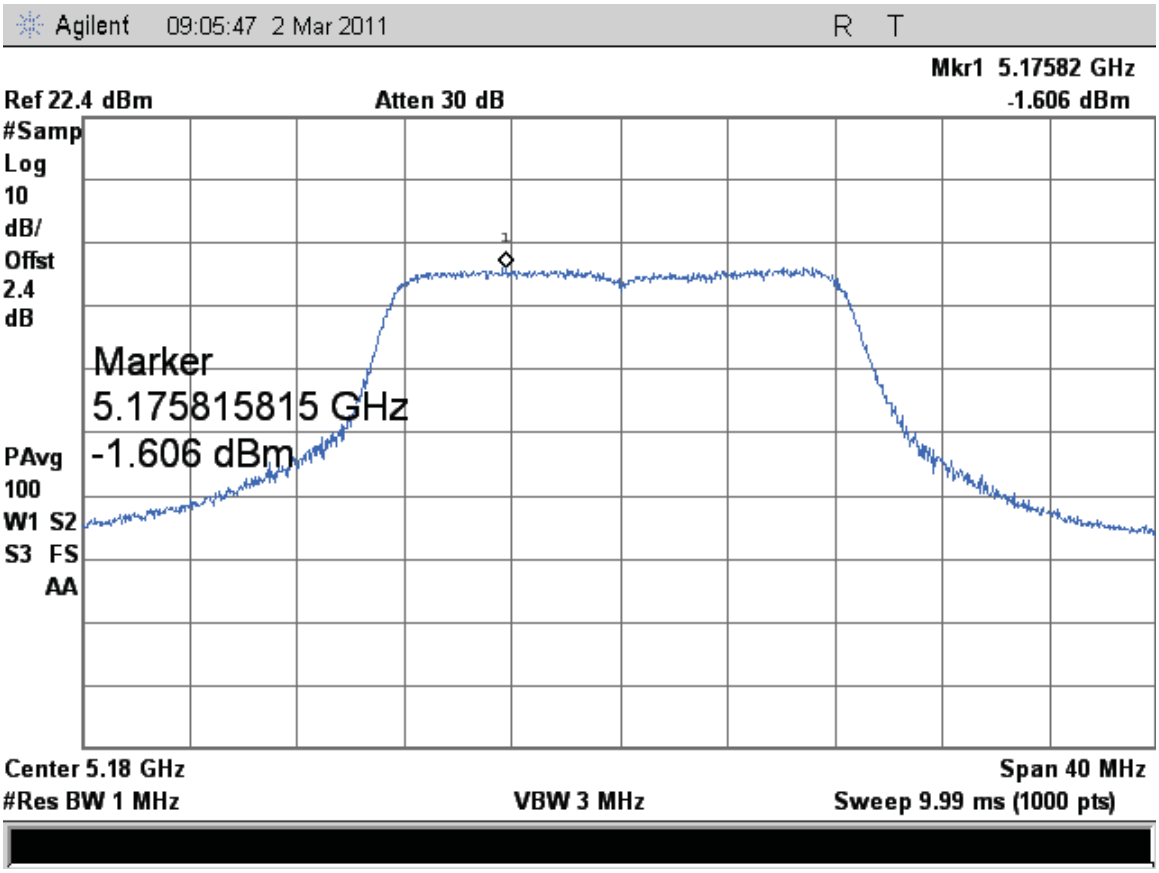


Figure 467: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

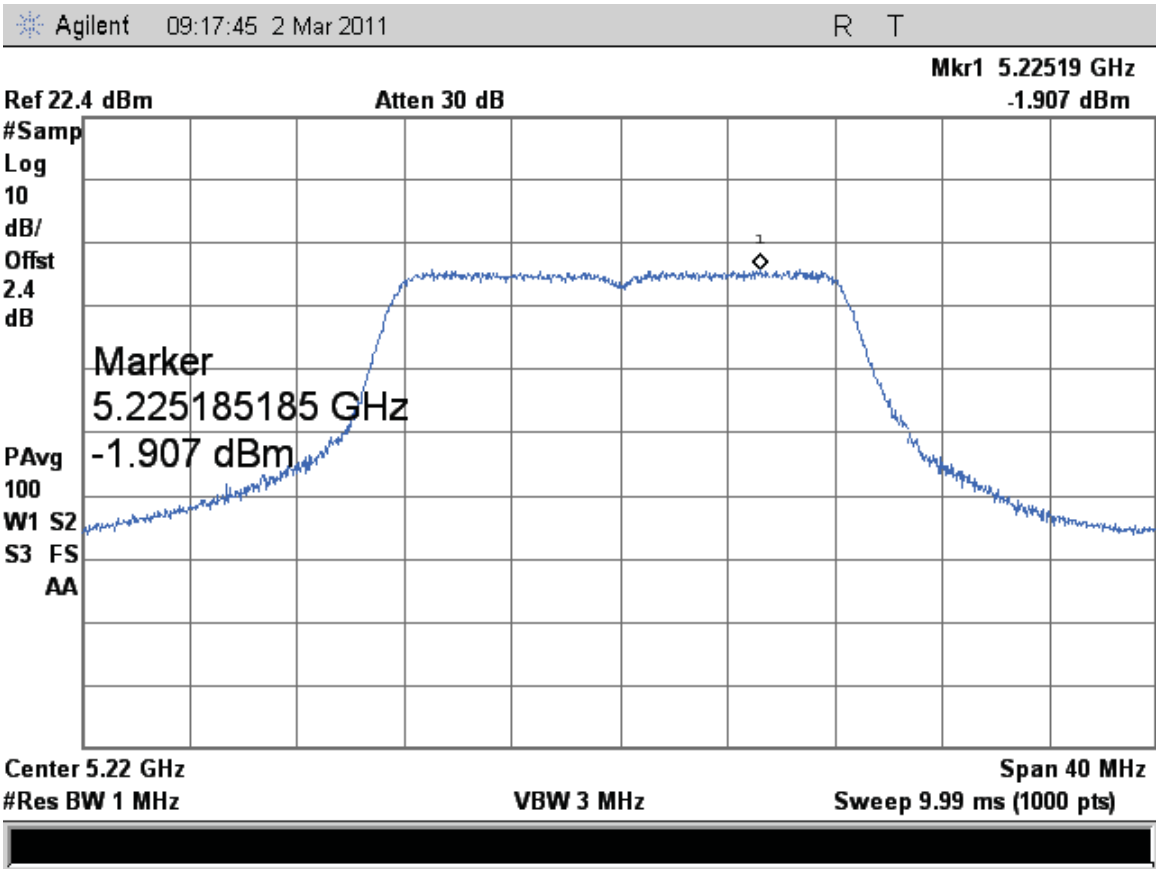


Figure 468: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

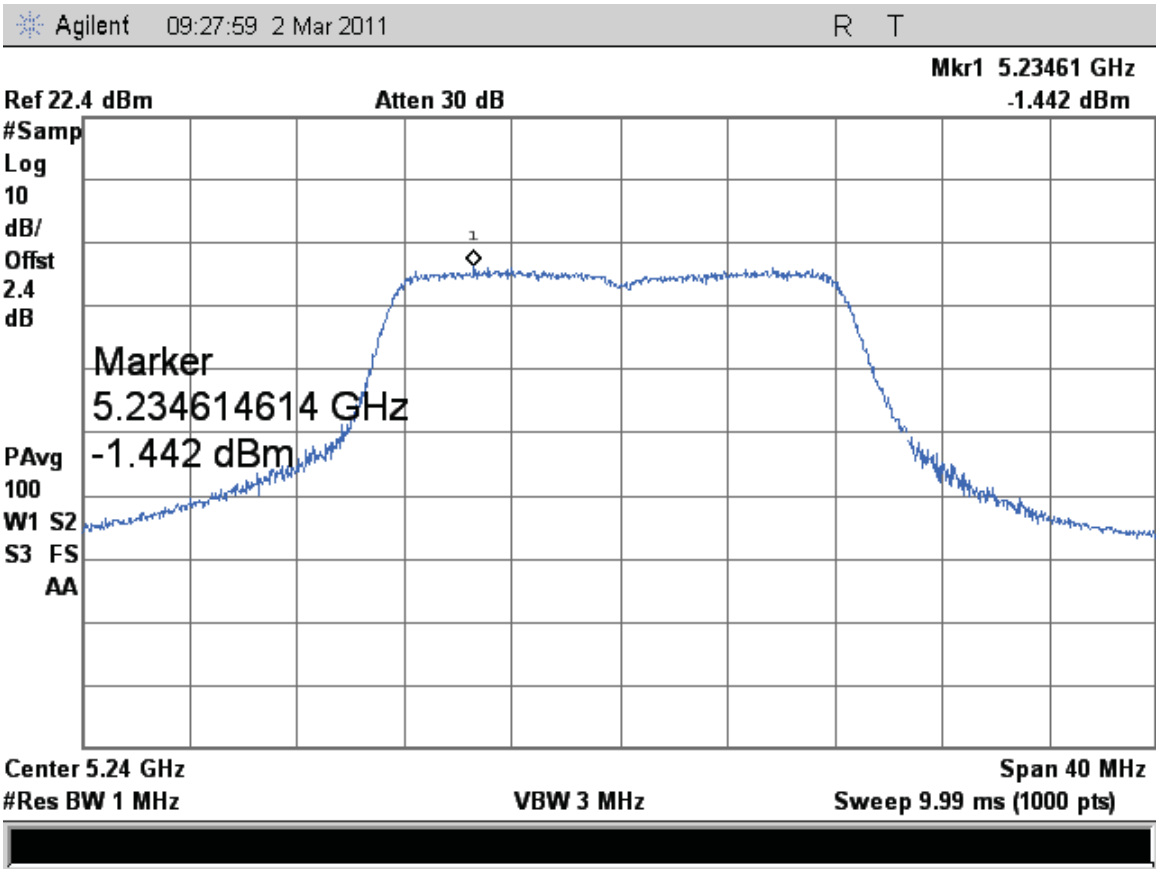


Figure 469: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

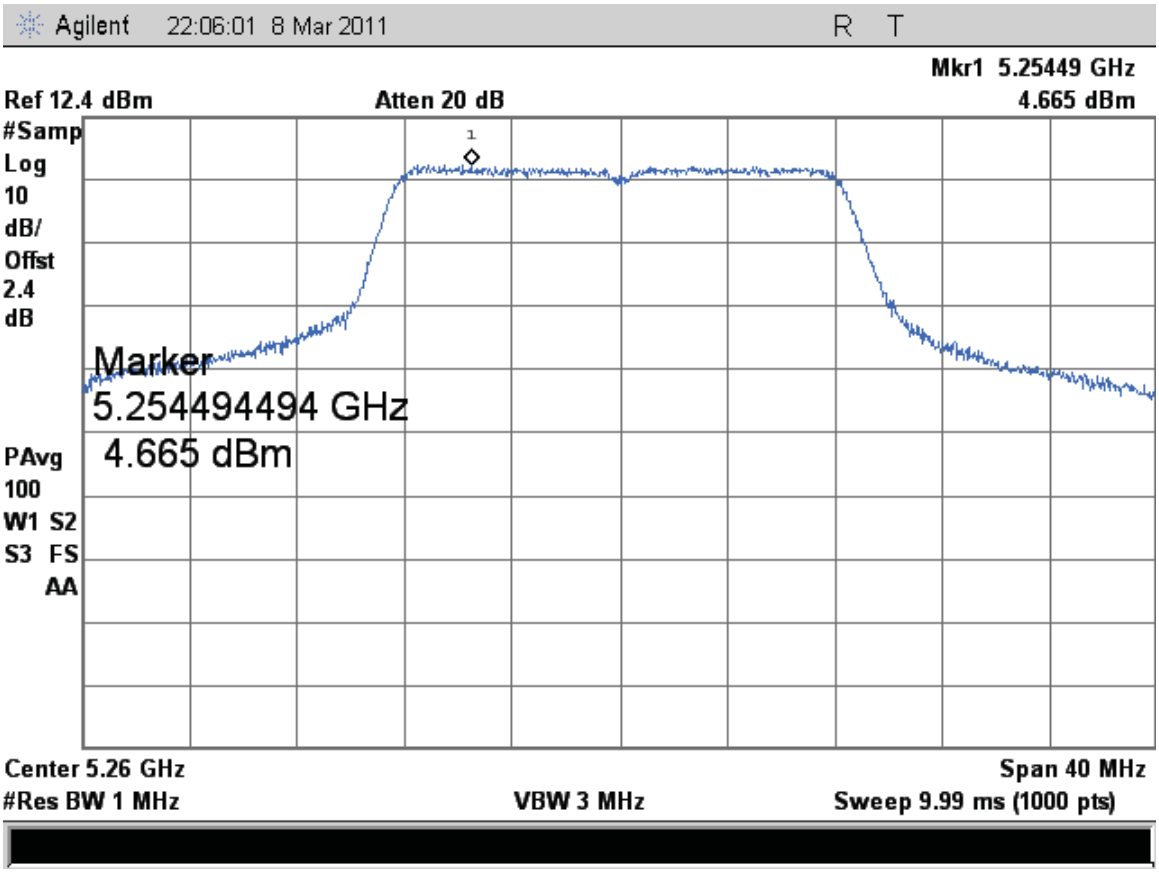


Figure 470: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

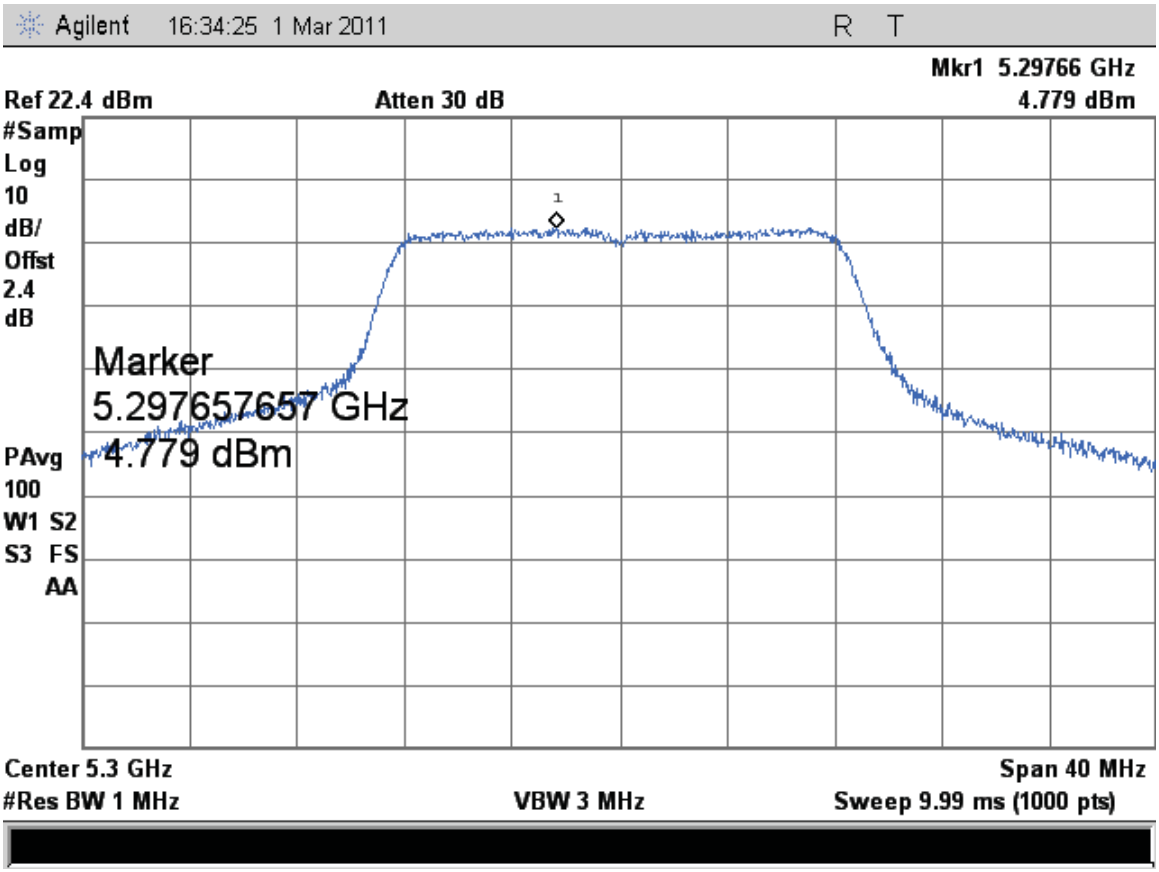


Figure 471: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

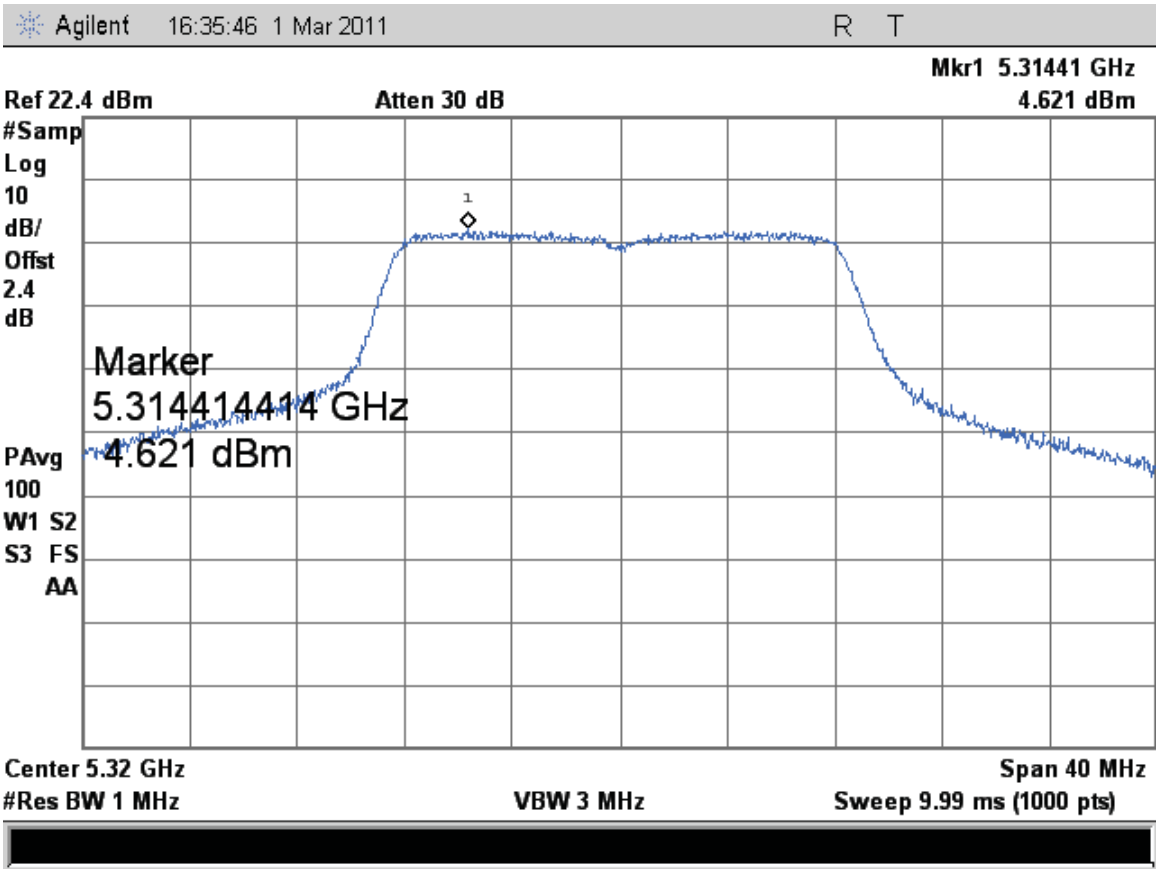


Figure 472: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

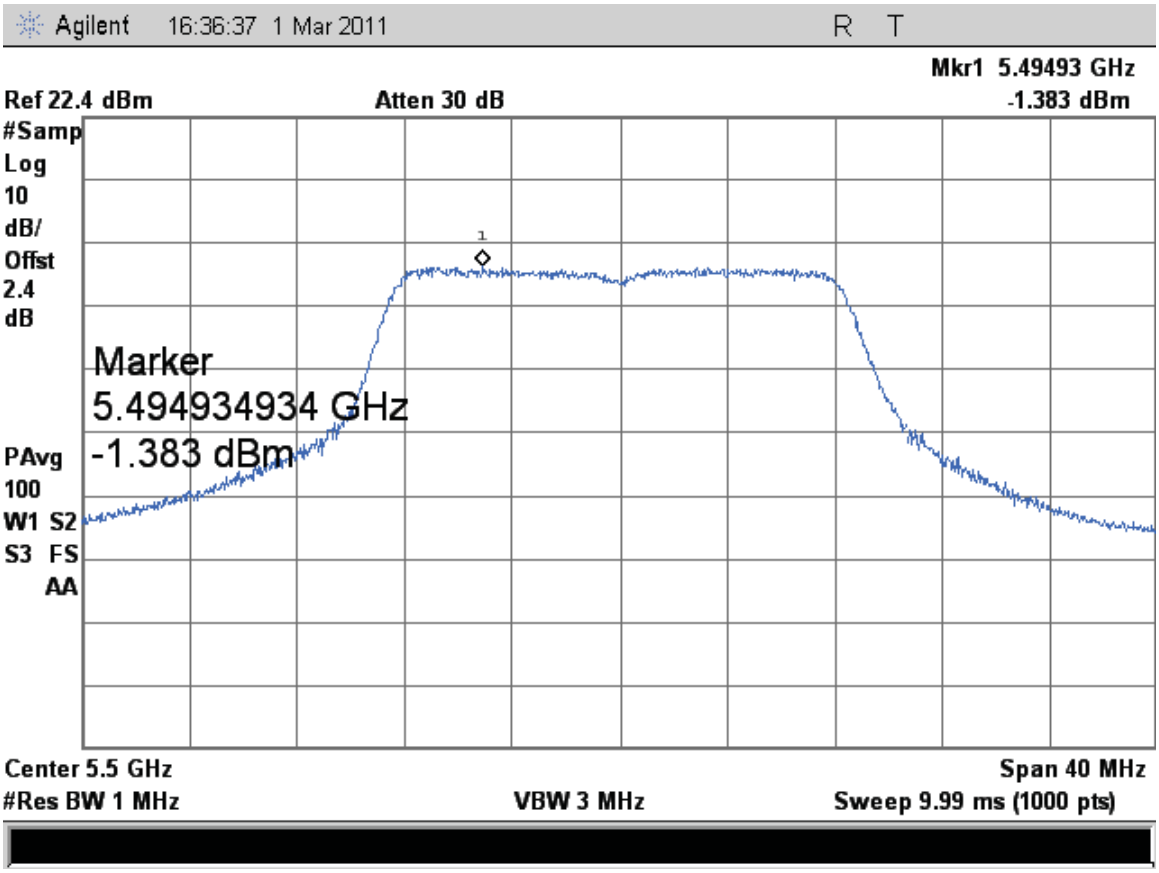


Figure 473: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

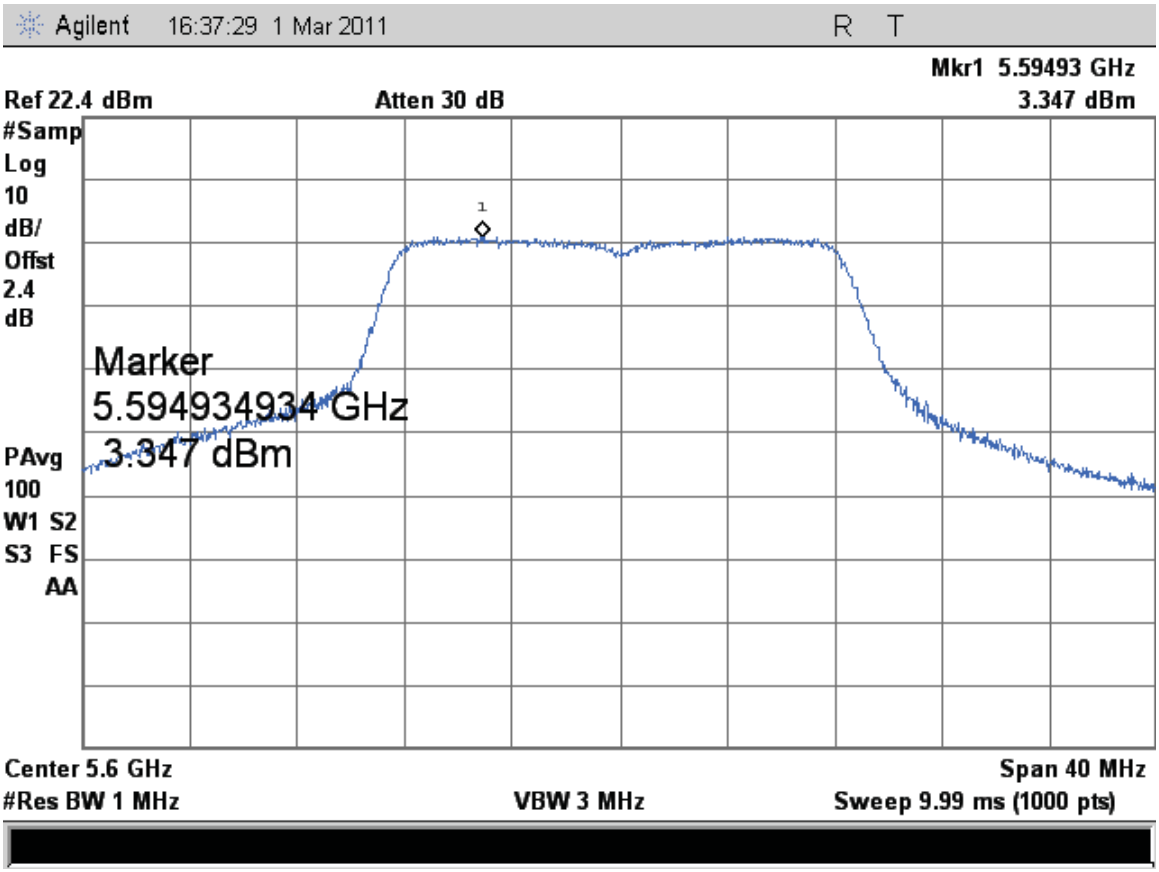


Figure 474: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

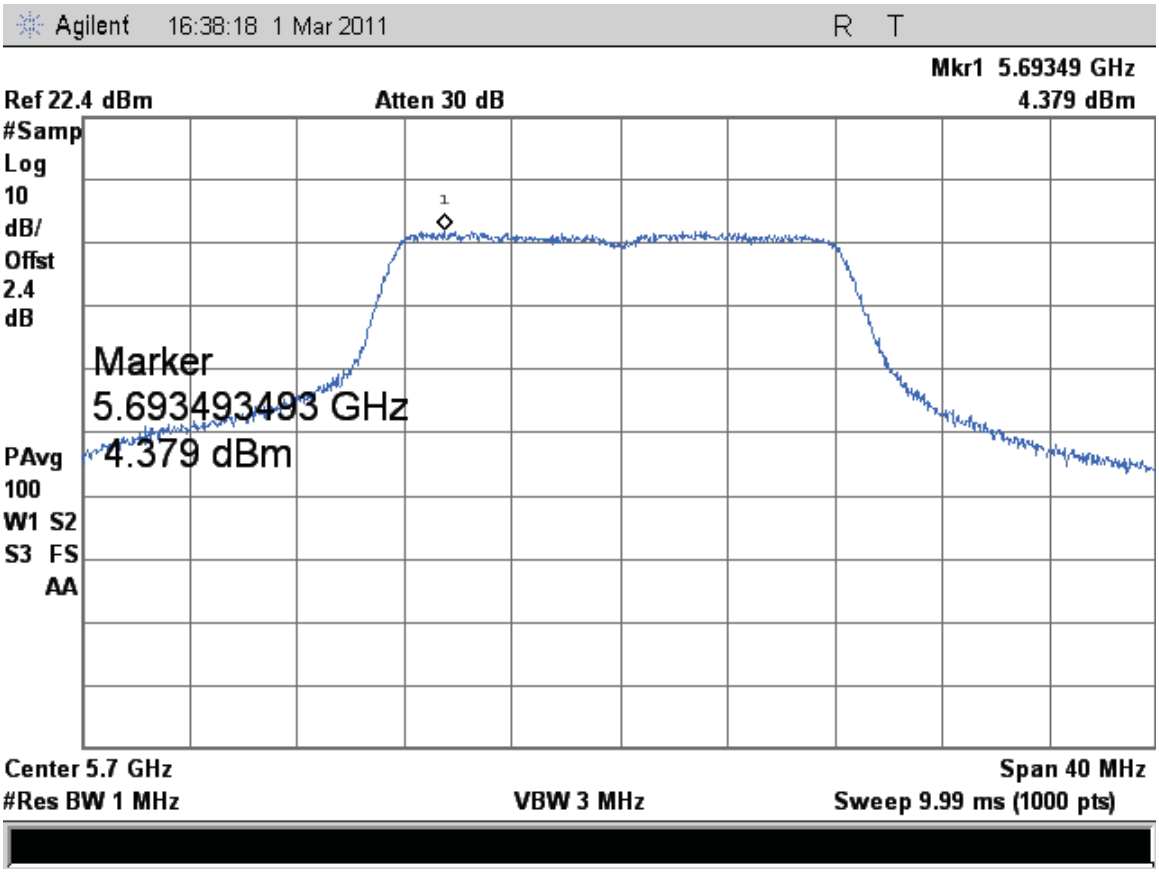


Figure 475: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 1 – 19.5 Mbps

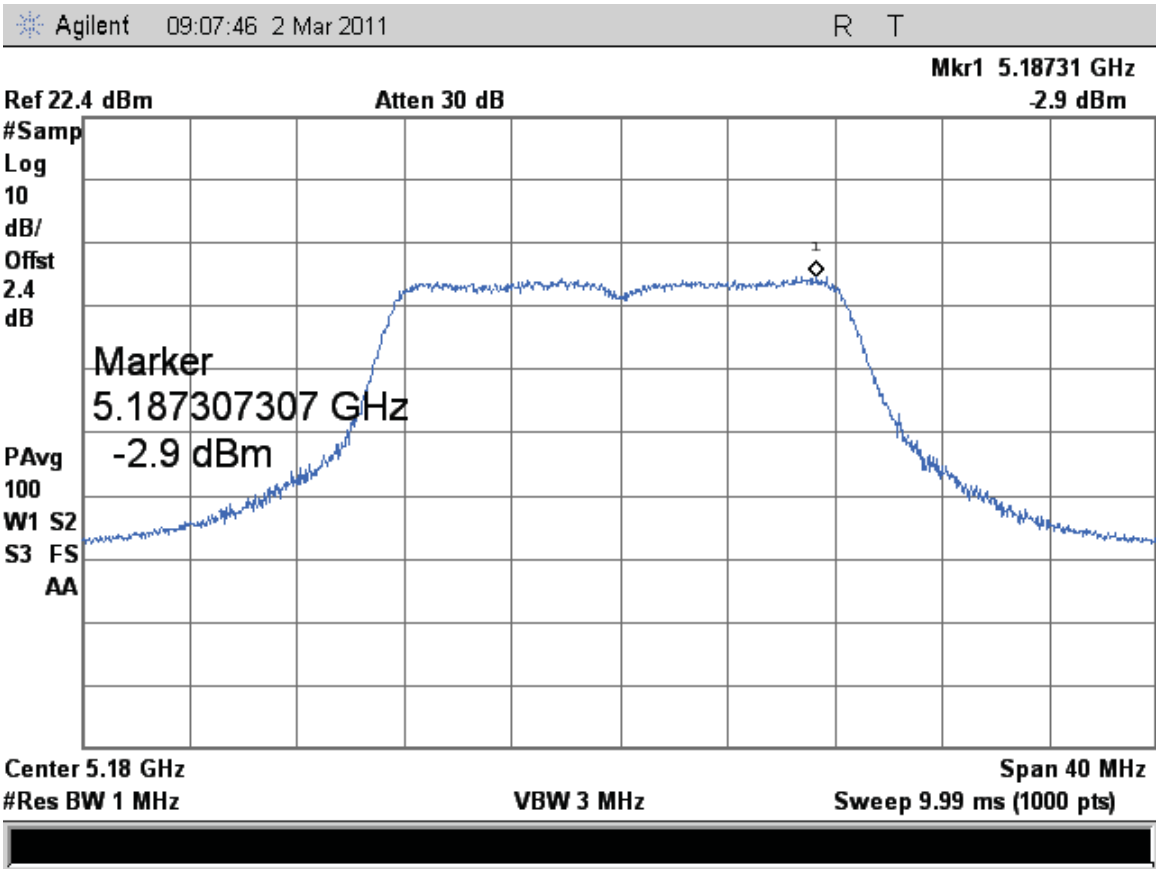


Figure 476: Peak Power Spectral Density, 5180 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

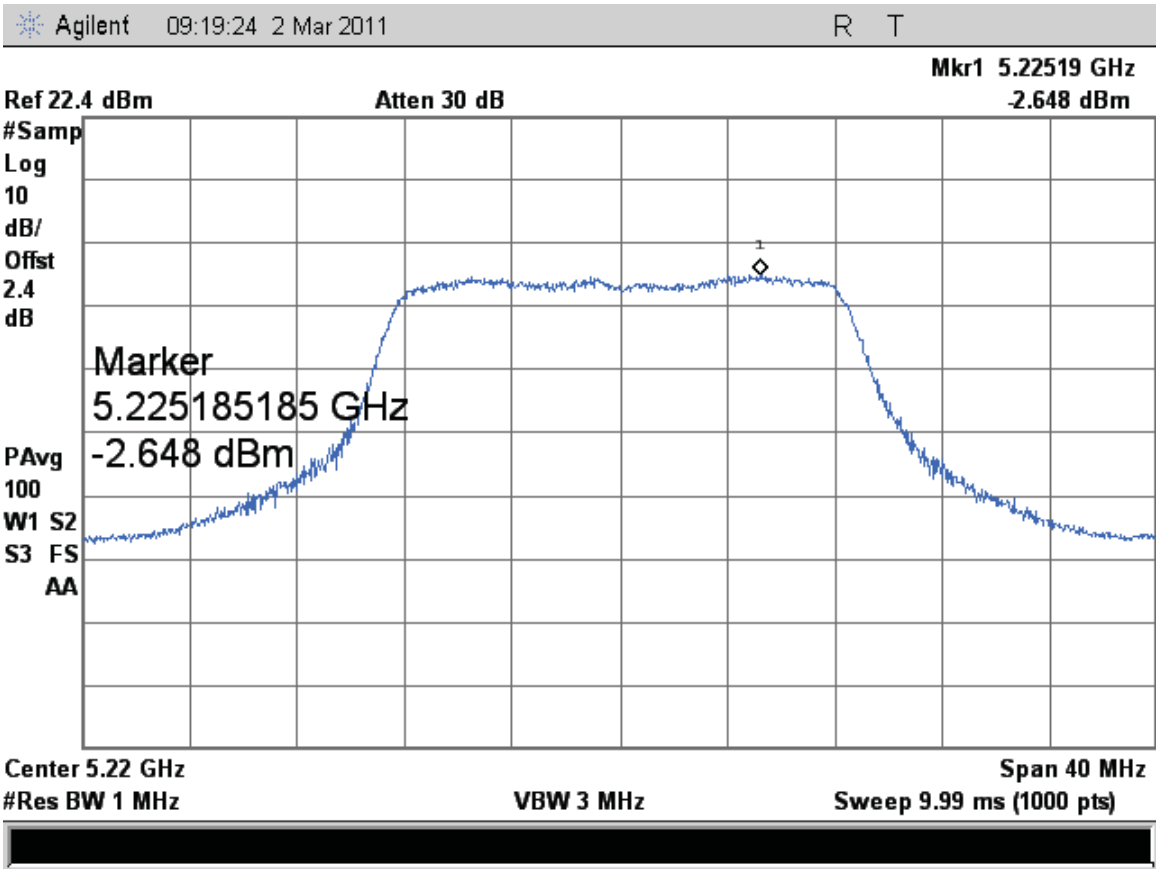


Figure 477: Peak Power Spectral Density, 5220 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

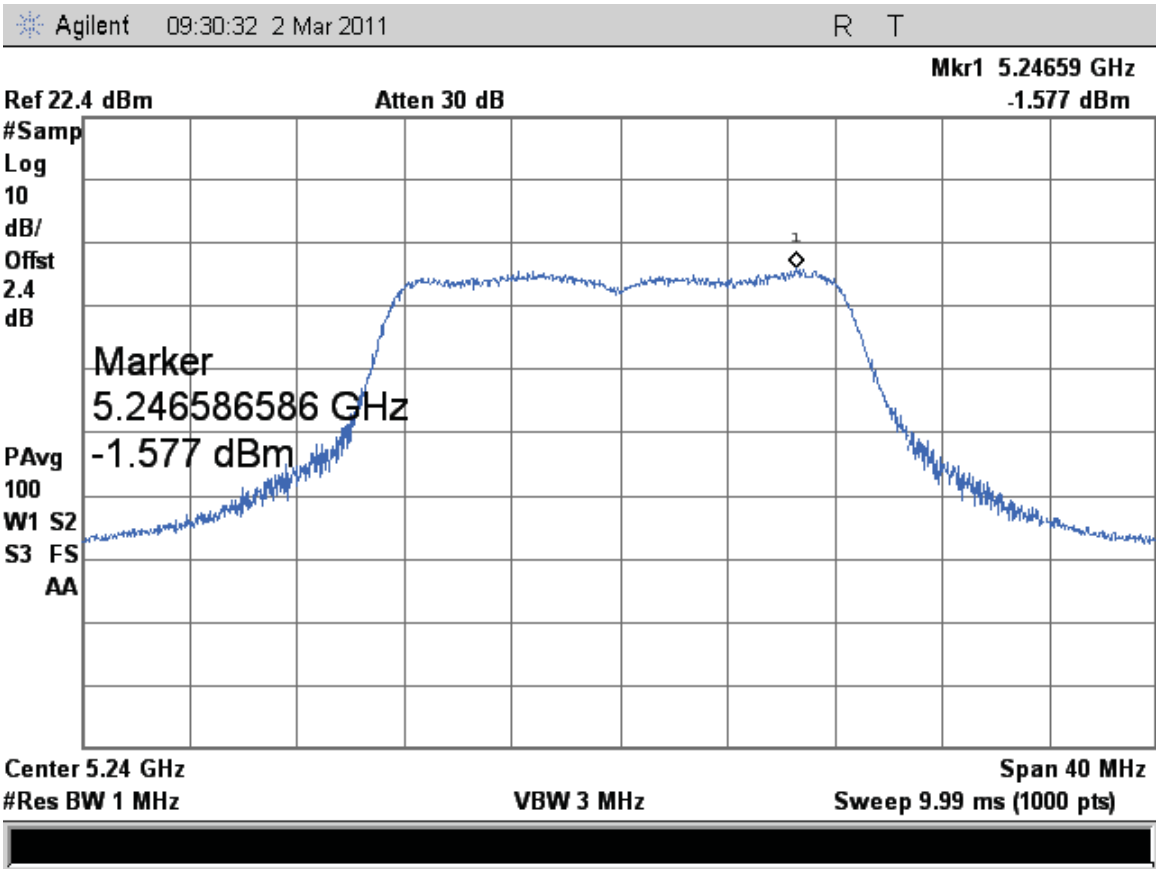


Figure 478: Peak Power Spectral Density, 5240 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

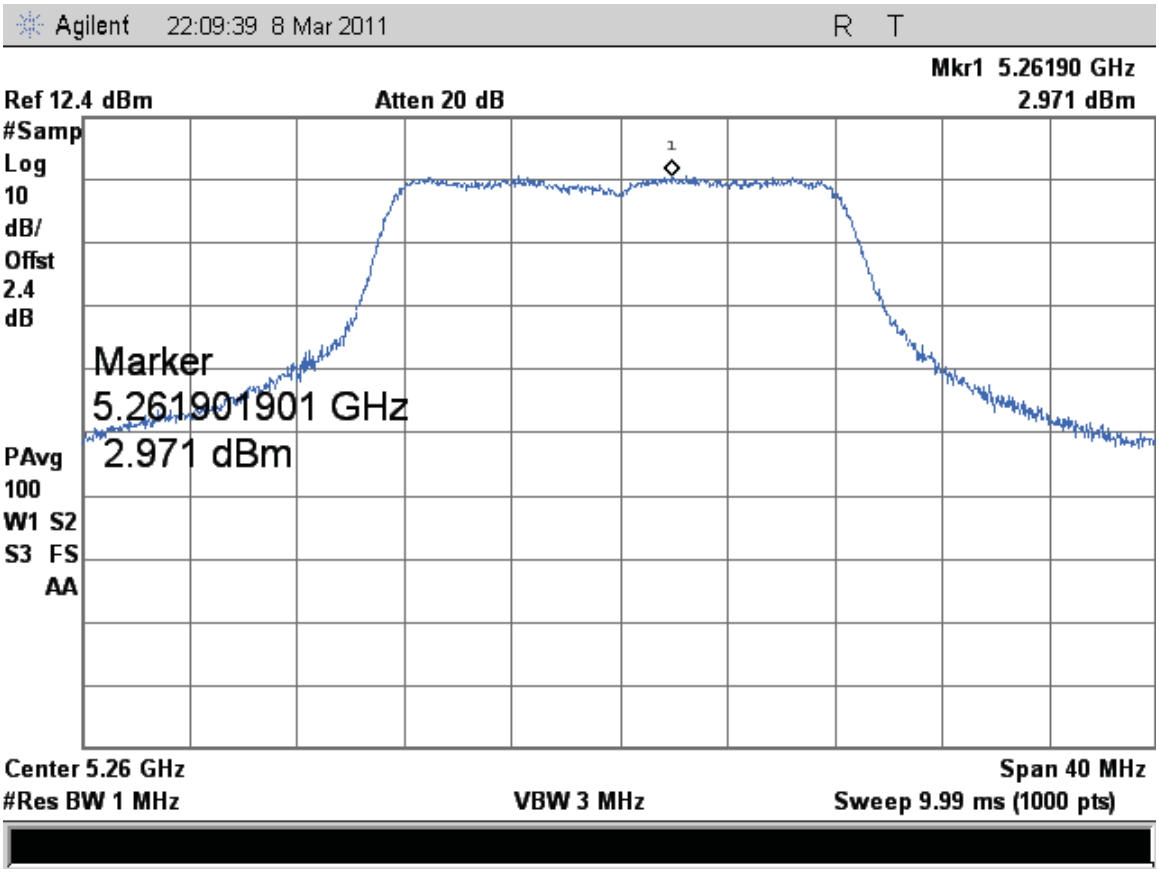


Figure 479: Peak Power Spectral Density, 5260 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

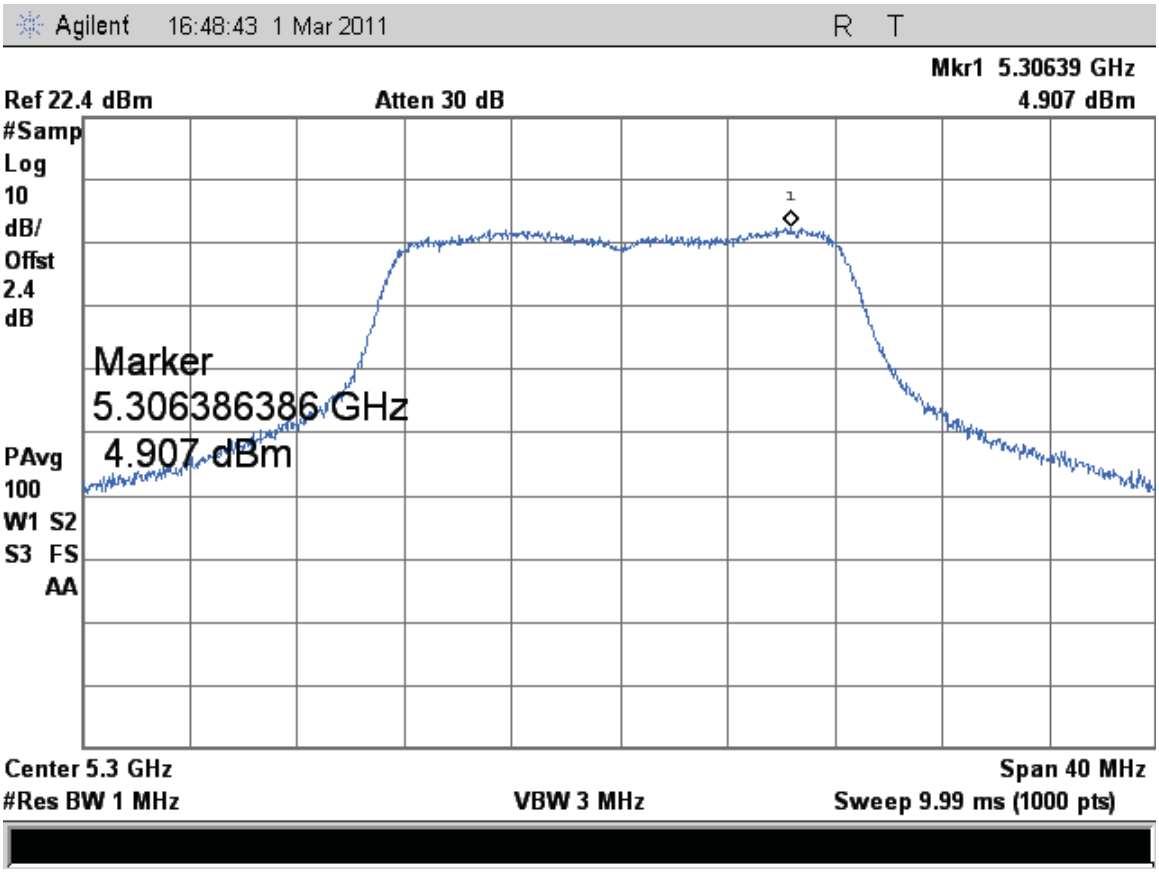


Figure 480: Peak Power Spectral Density, 5300 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

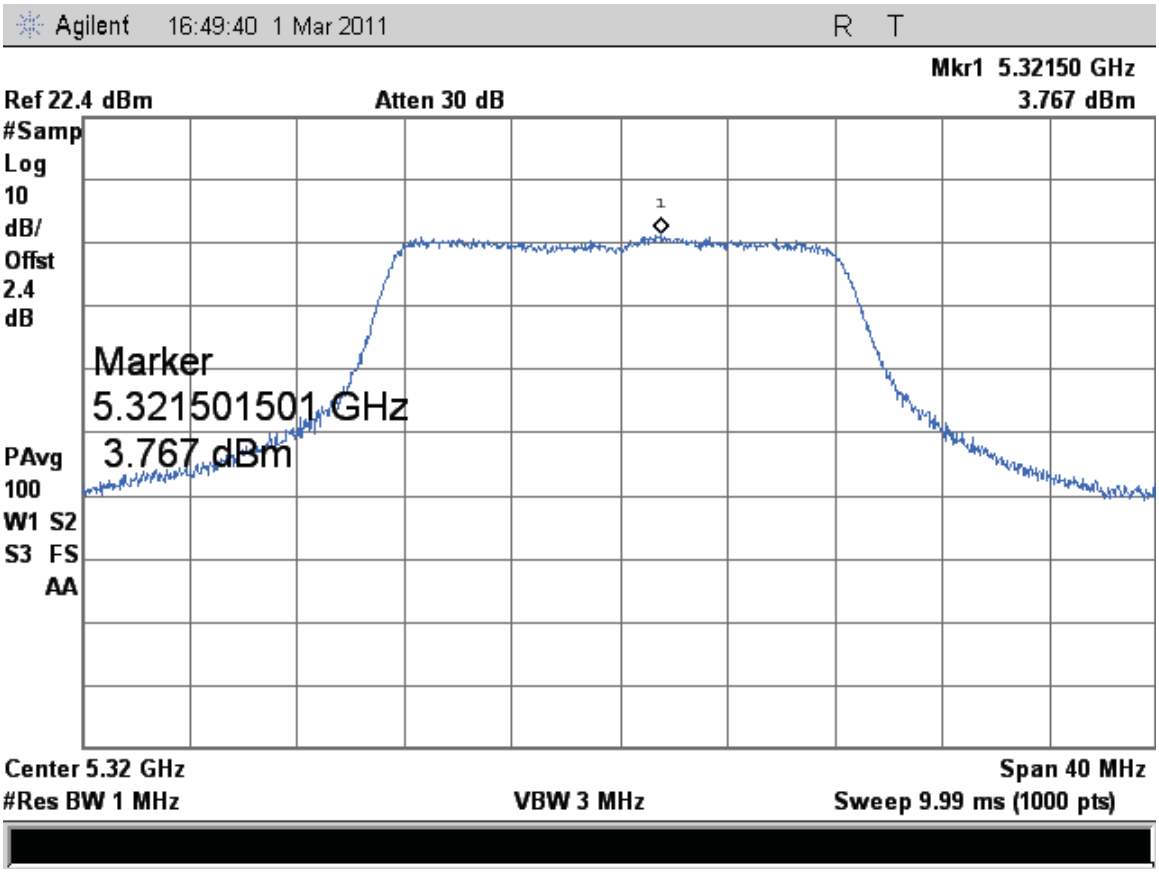


Figure 481: Peak Power Spectral Density, 5320 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

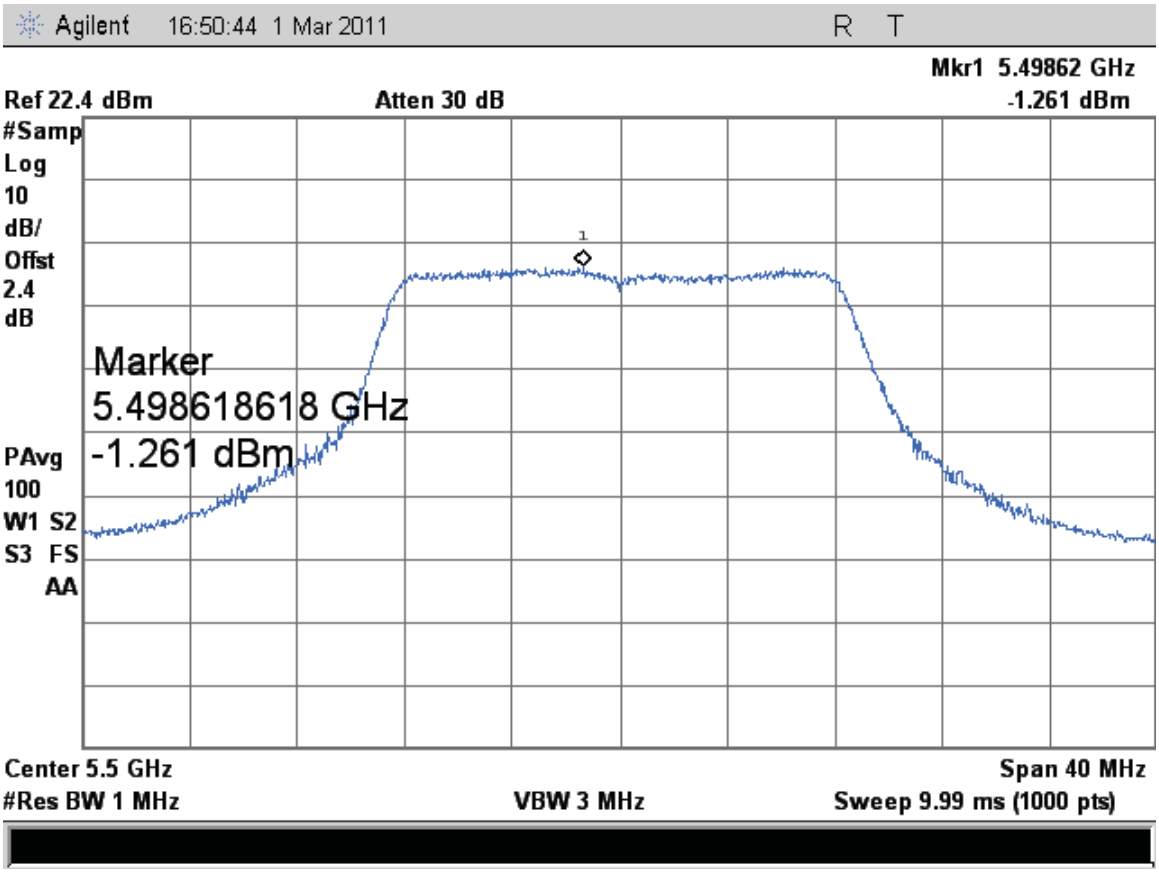


Figure 482: Peak Power Spectral Density, 5500 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

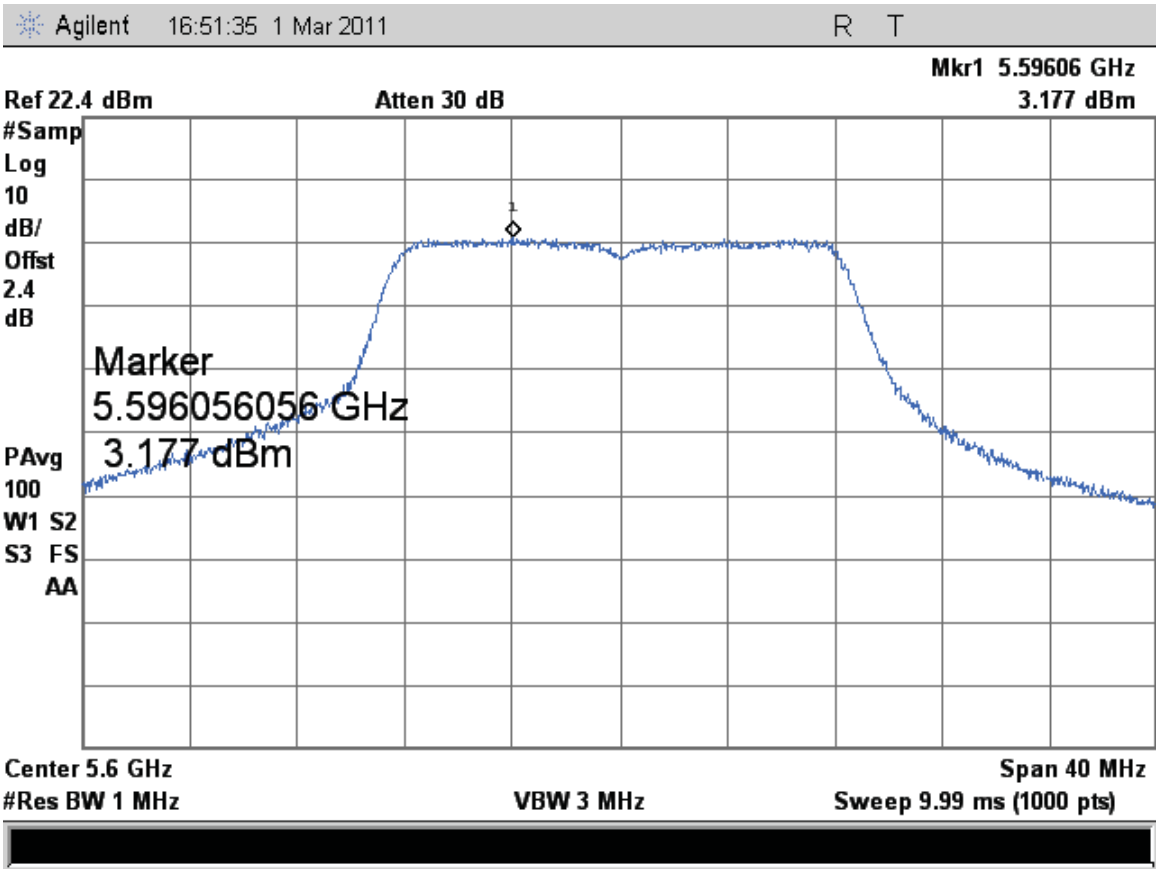


Figure 483: Peak Power Spectral Density, 5600 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

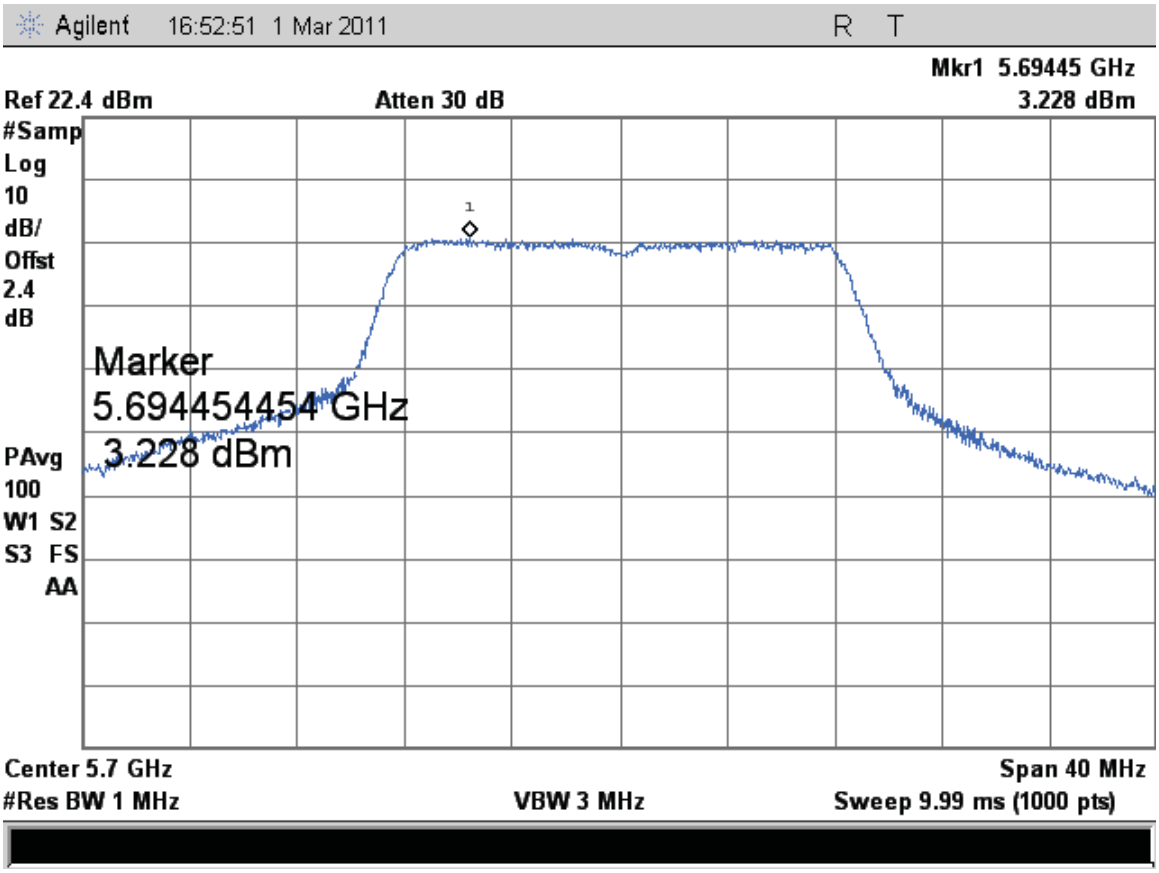


Figure 484: Peak Power Spectral Density, 5700 MHz at 802.11n (HT20), Chain 2 – 19.5 Mbps

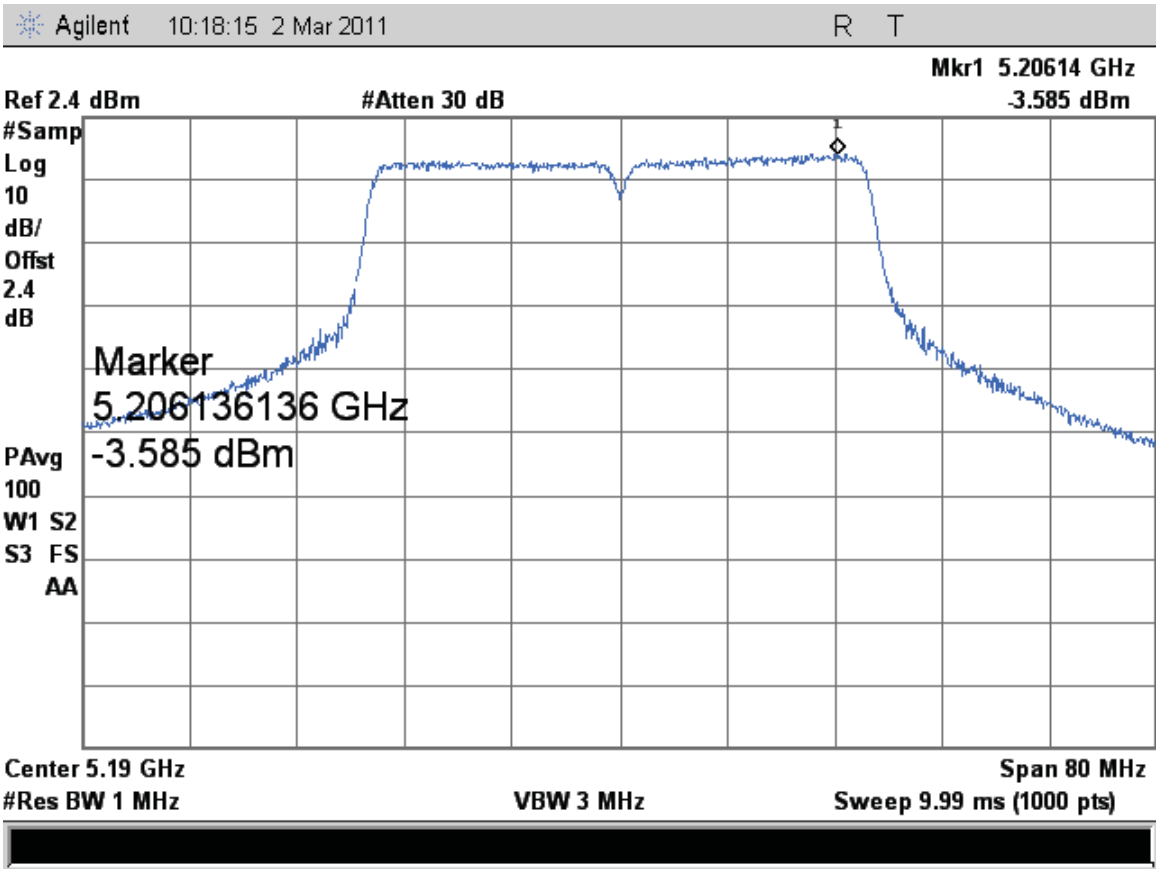


Figure 485: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

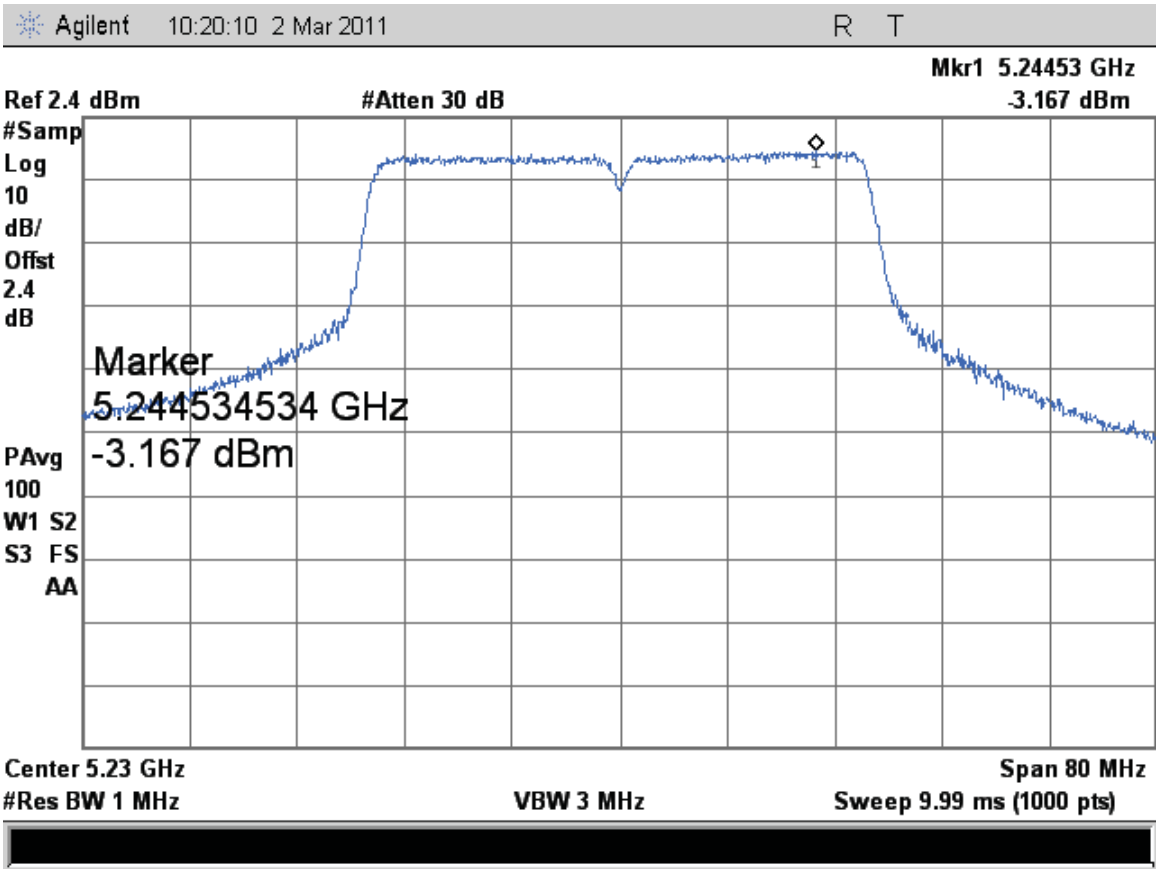


Figure 486: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

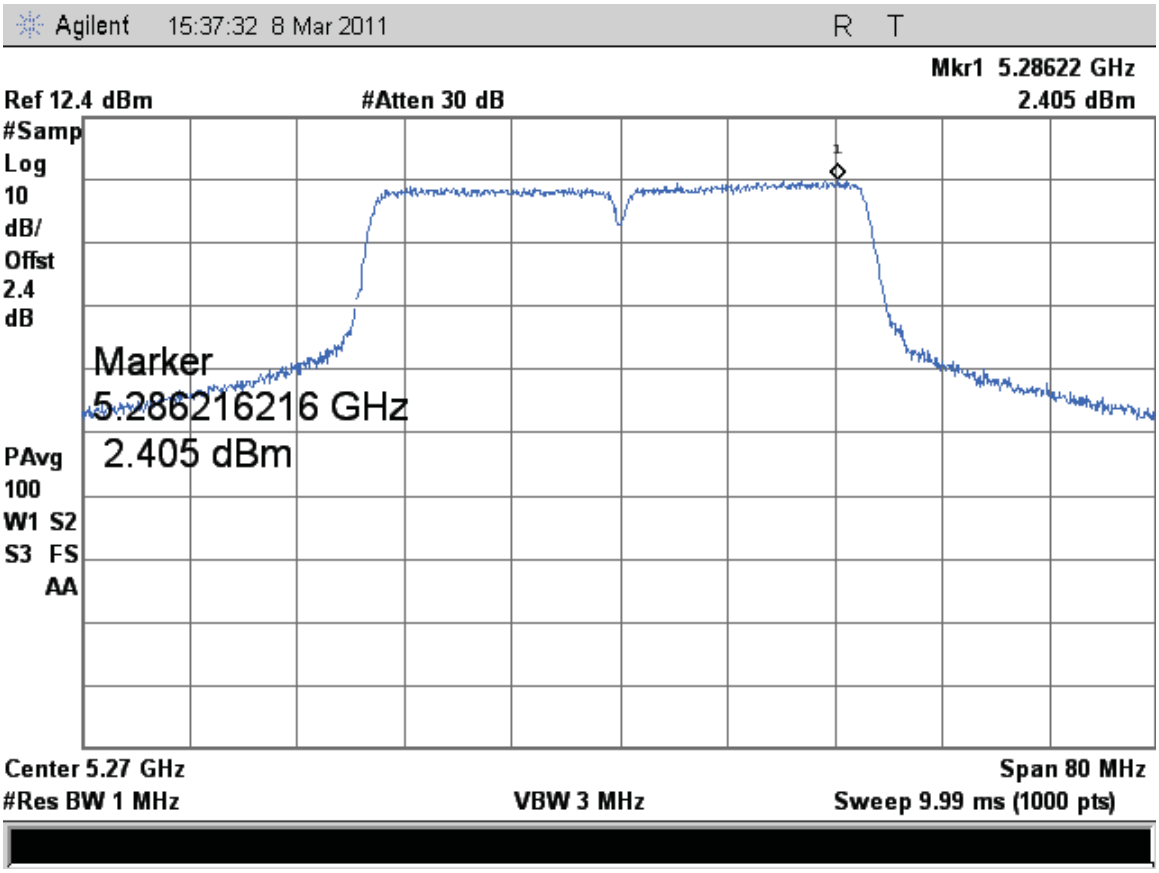


Figure 487: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

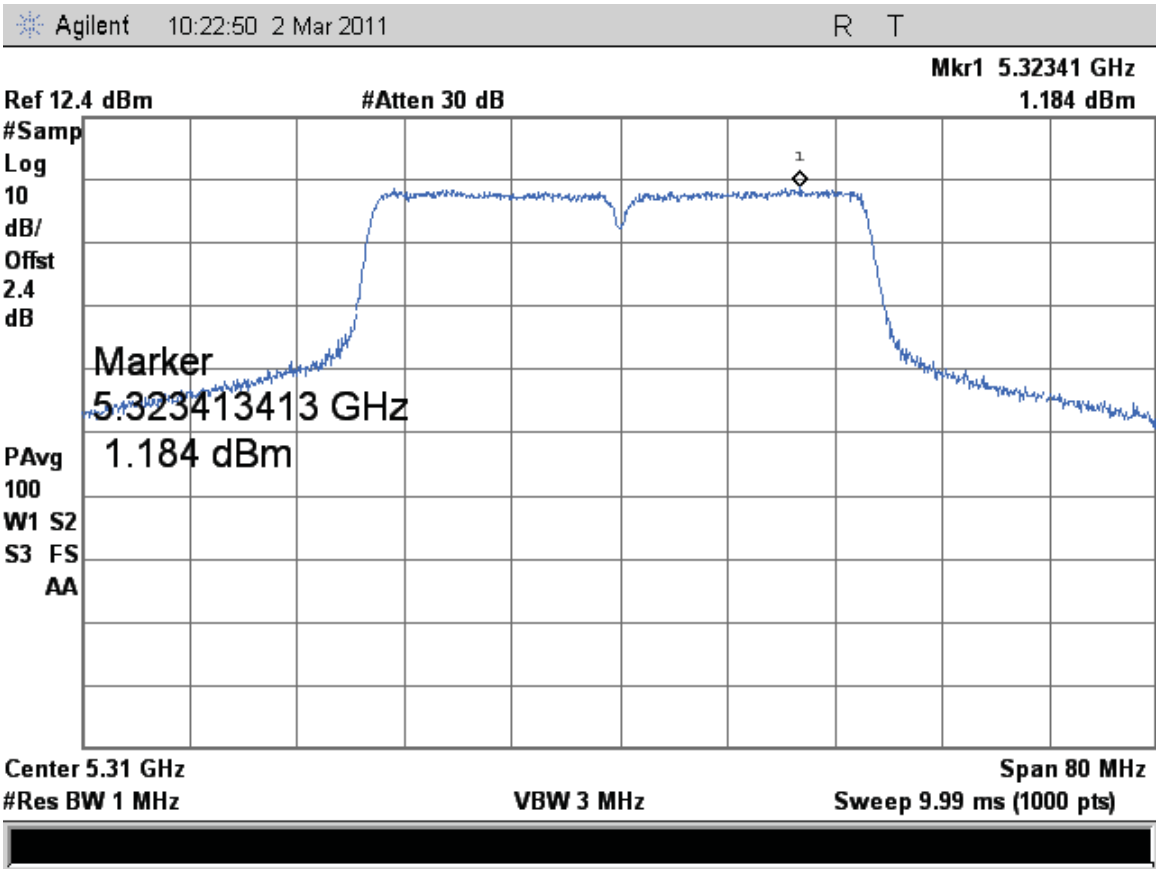


Figure 488: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

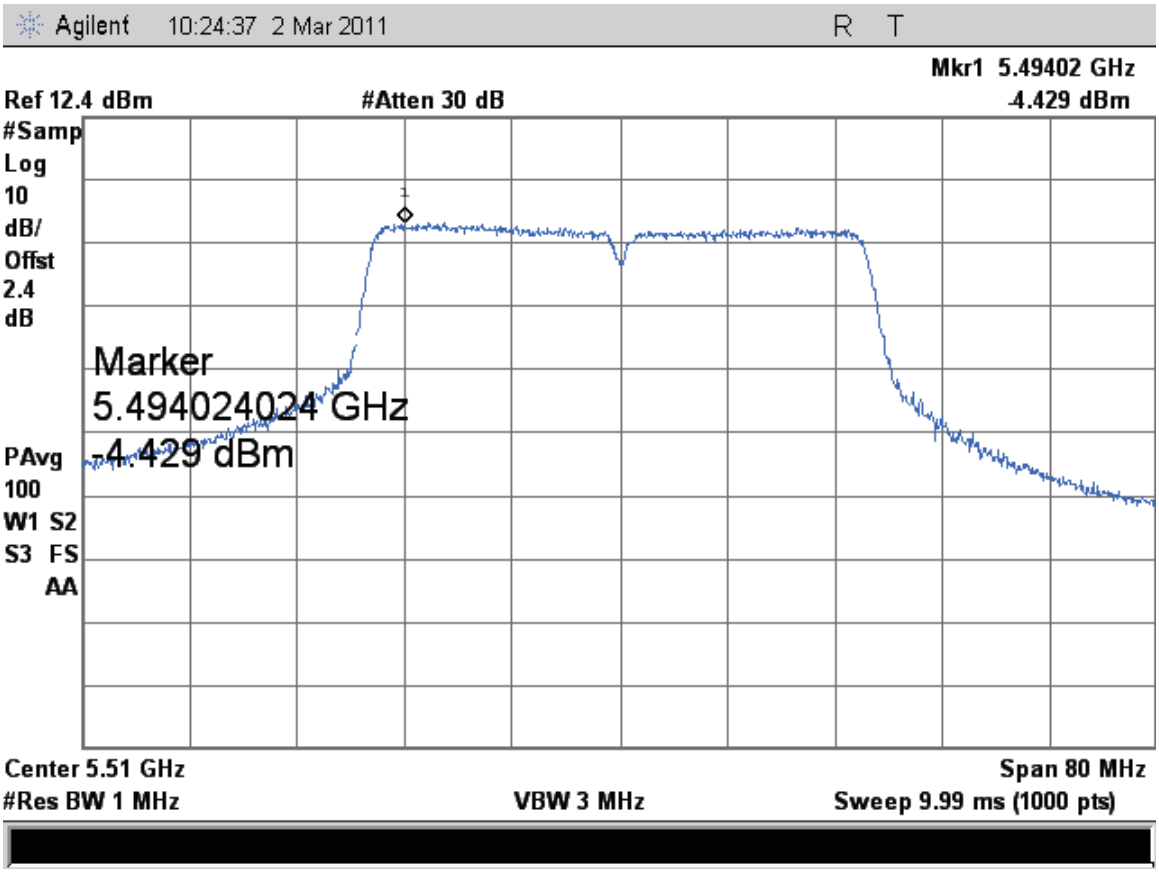


Figure 489: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

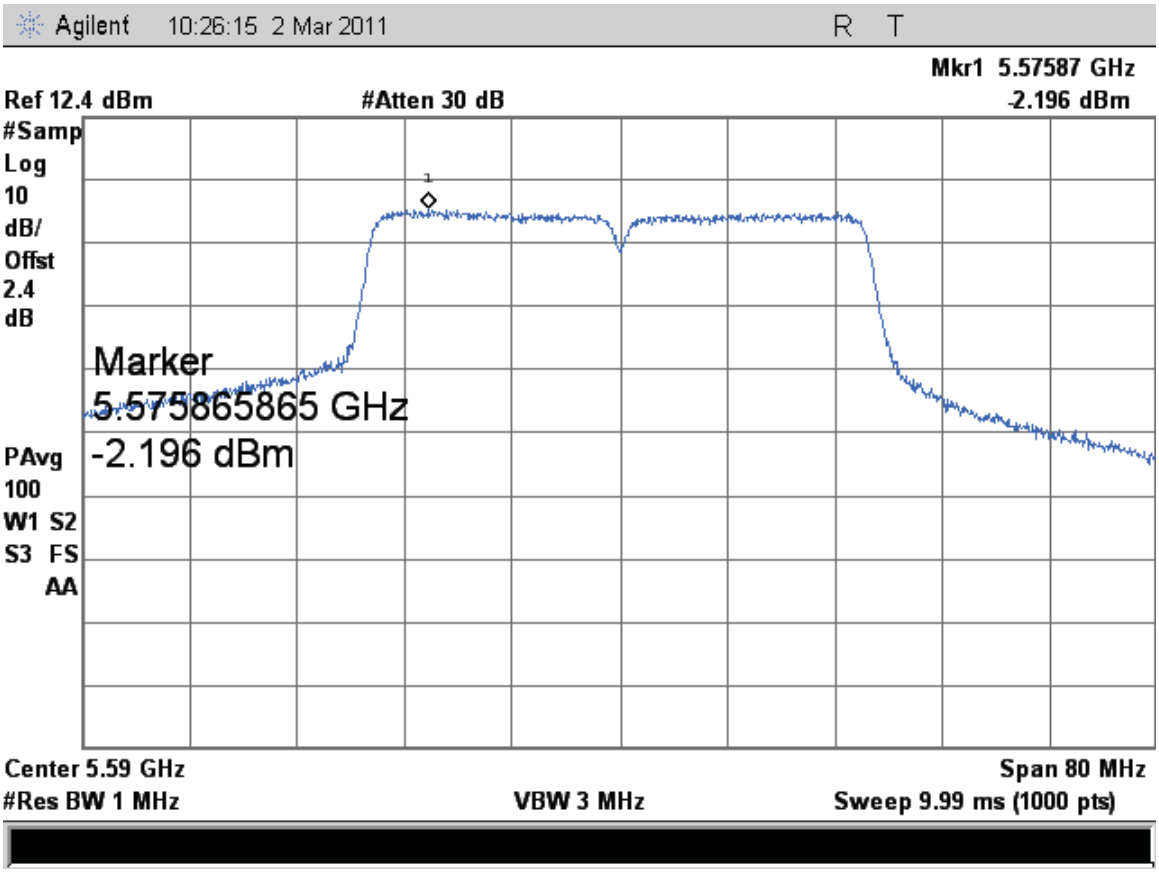


Figure 490: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

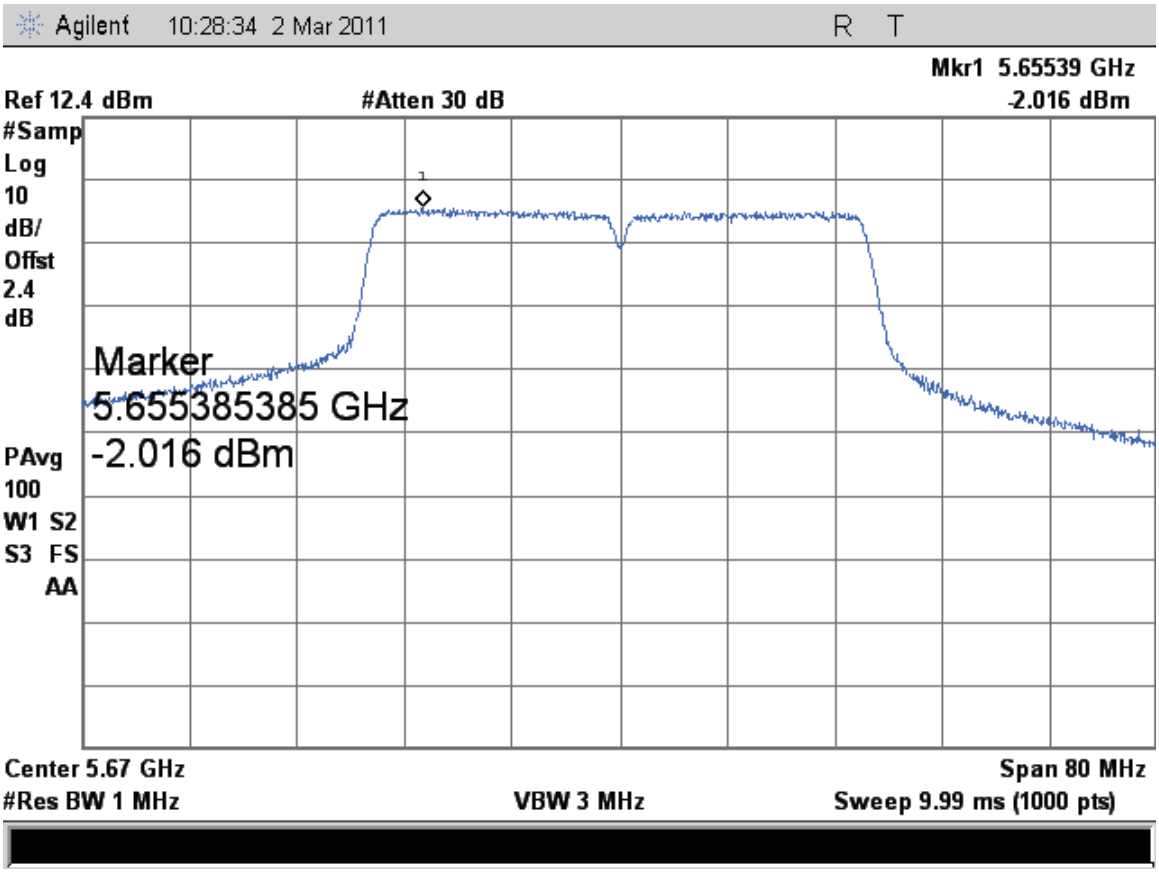


Figure 491: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 0 – 13.5 Mbps

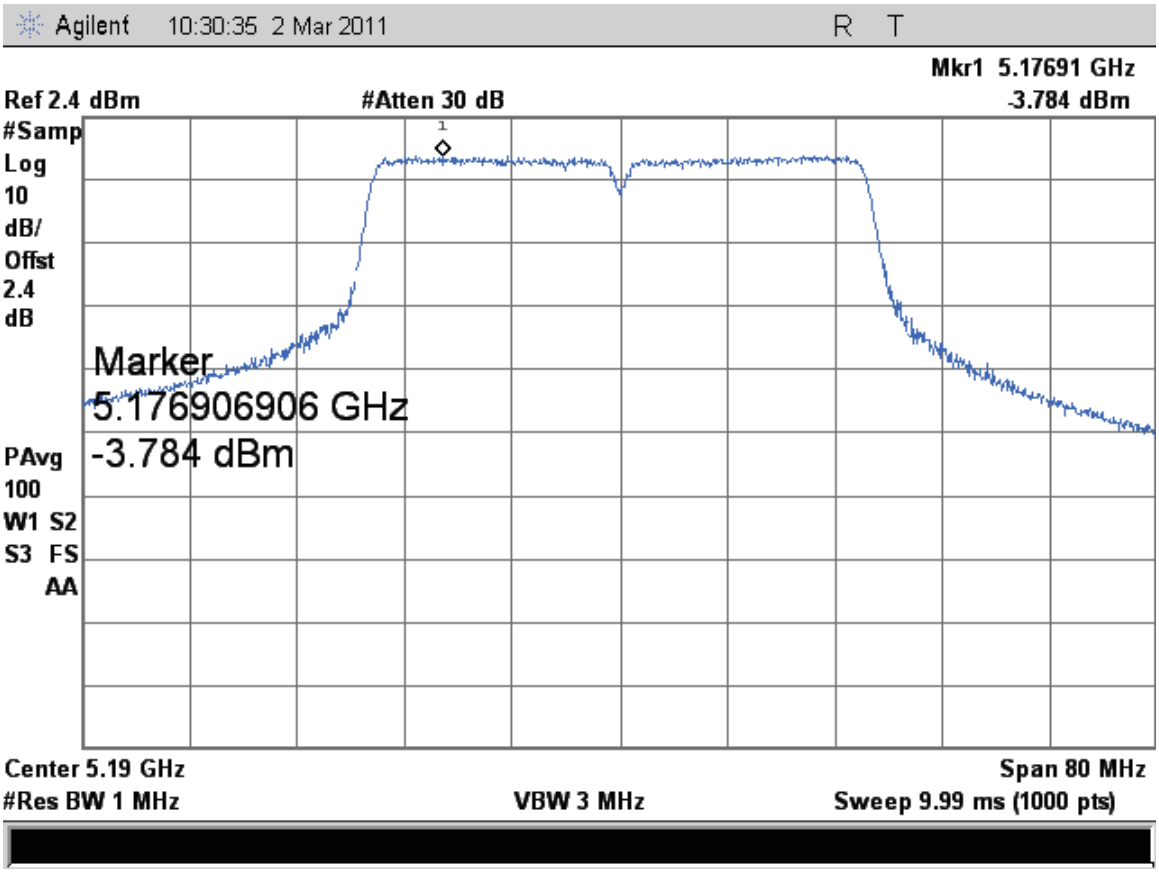


Figure 492: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

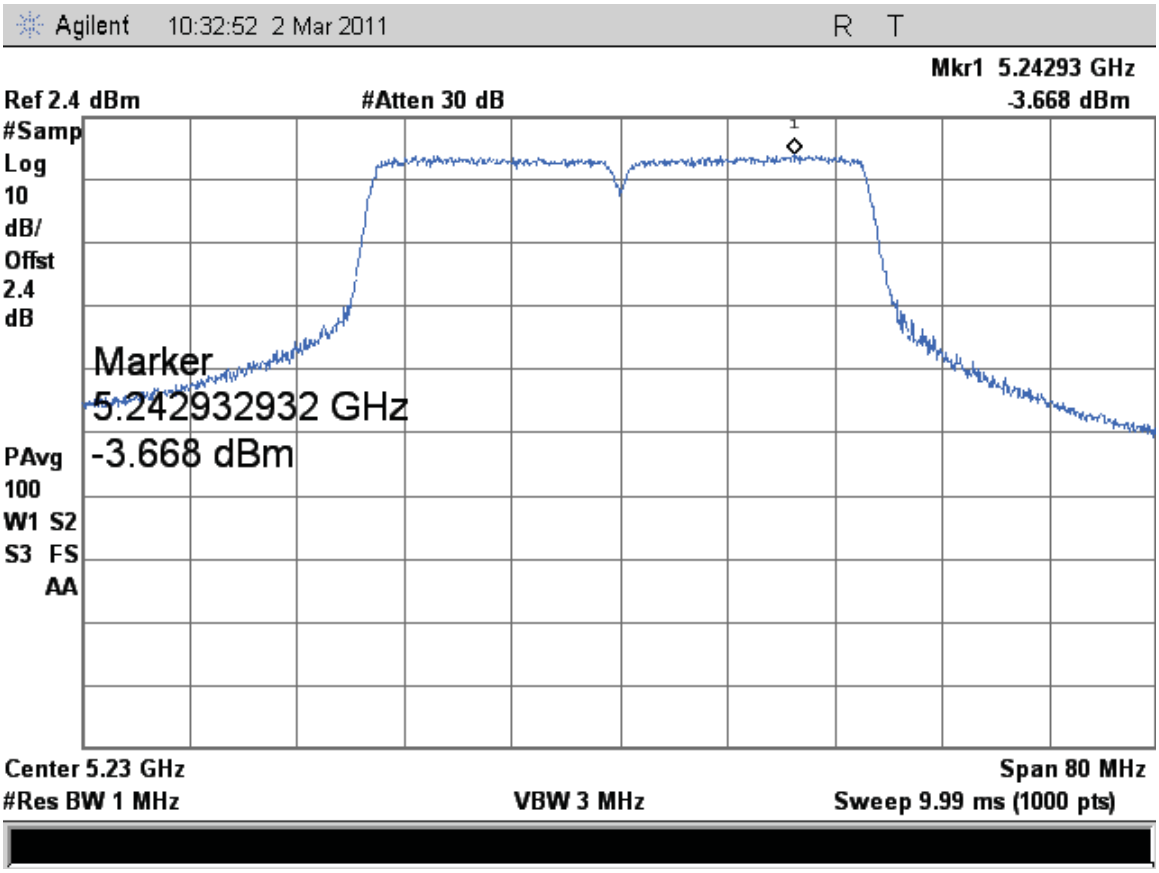


Figure 493: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

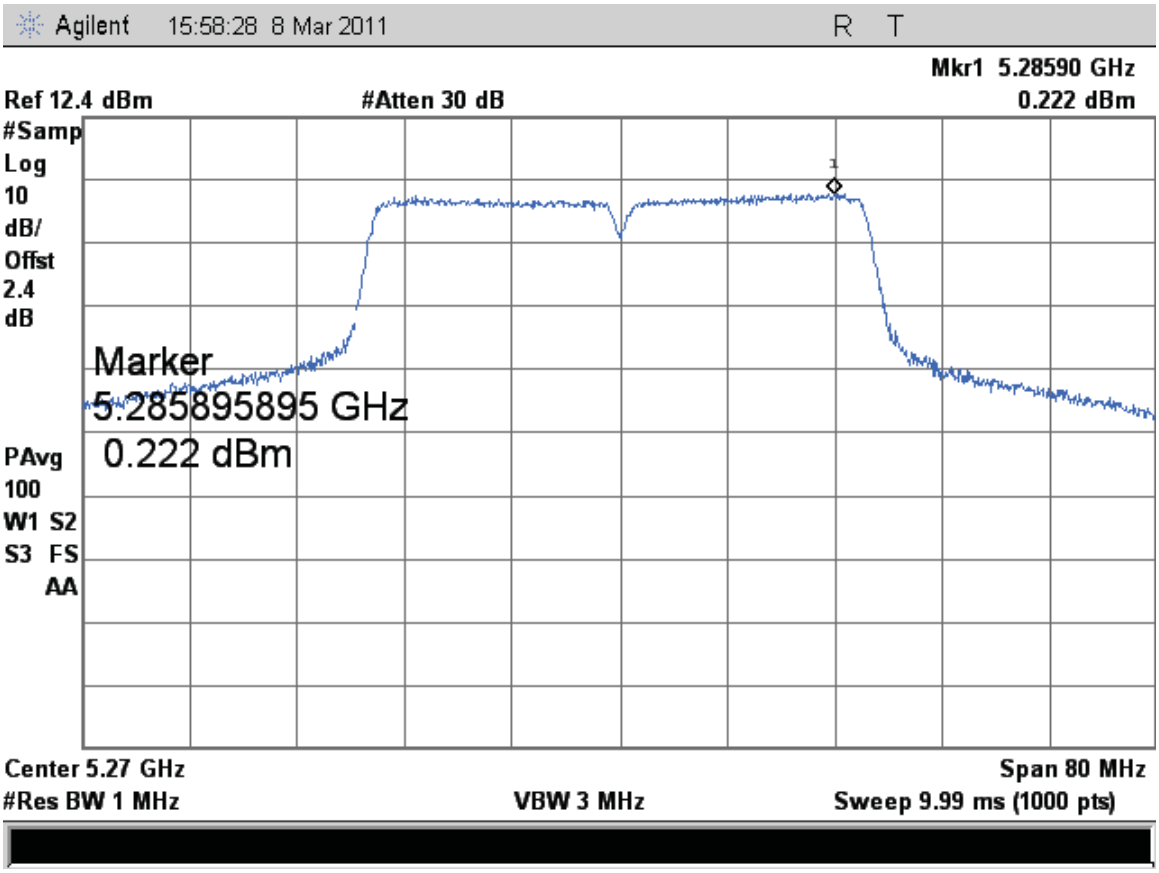


Figure 494: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

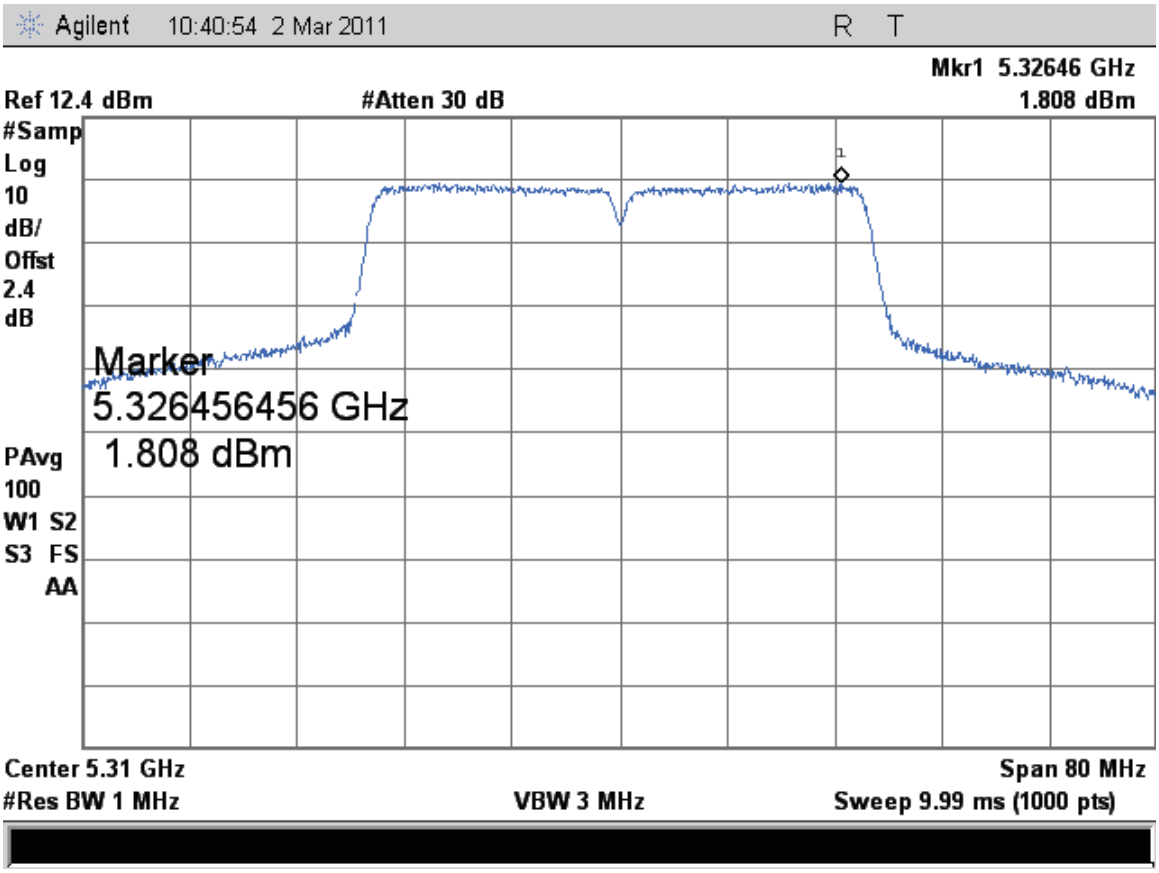


Figure 495: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

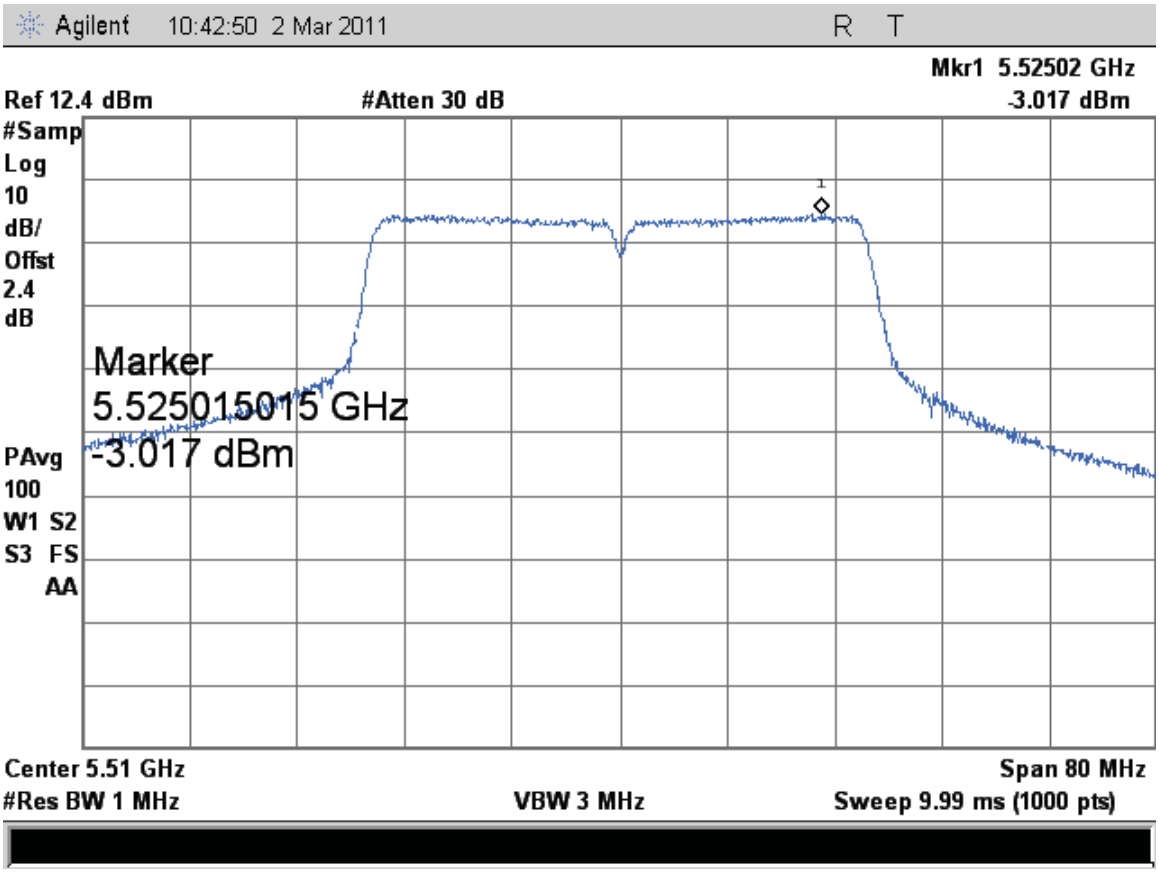


Figure 496: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

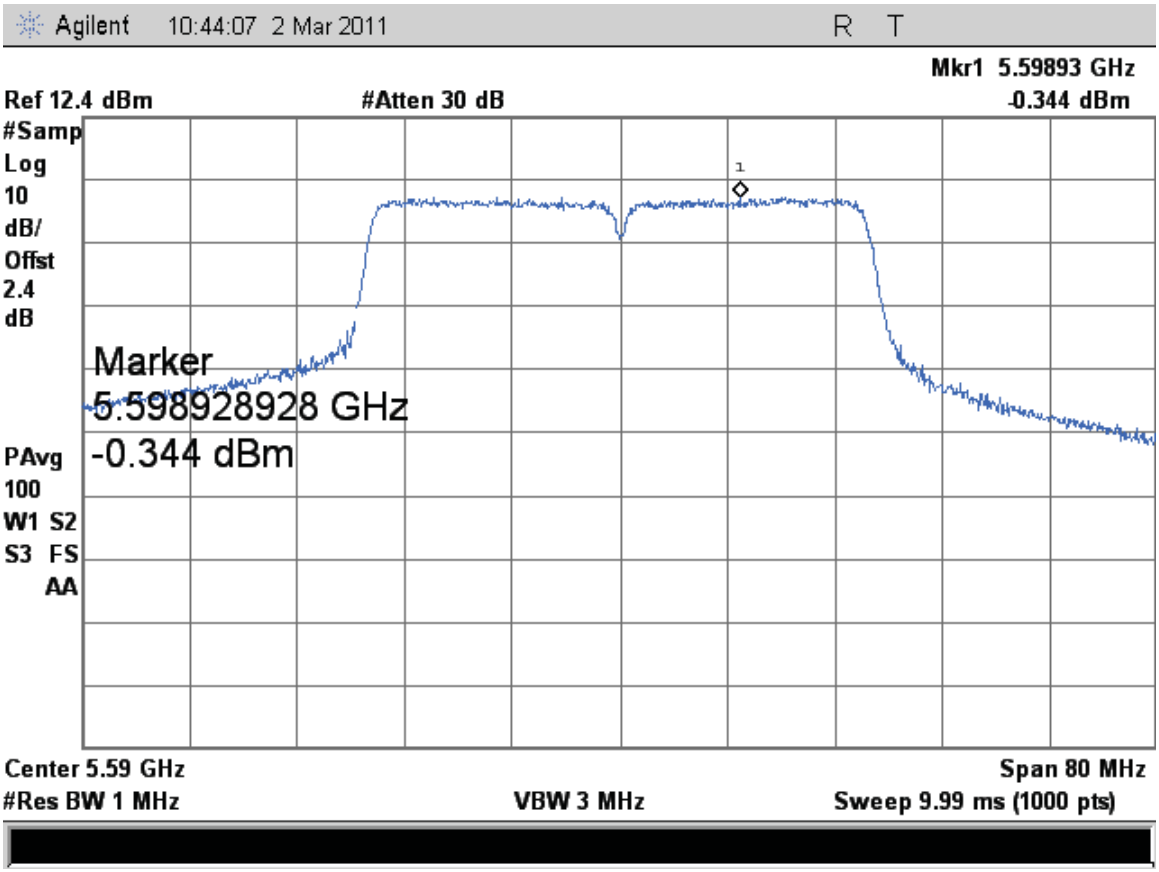


Figure 497: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

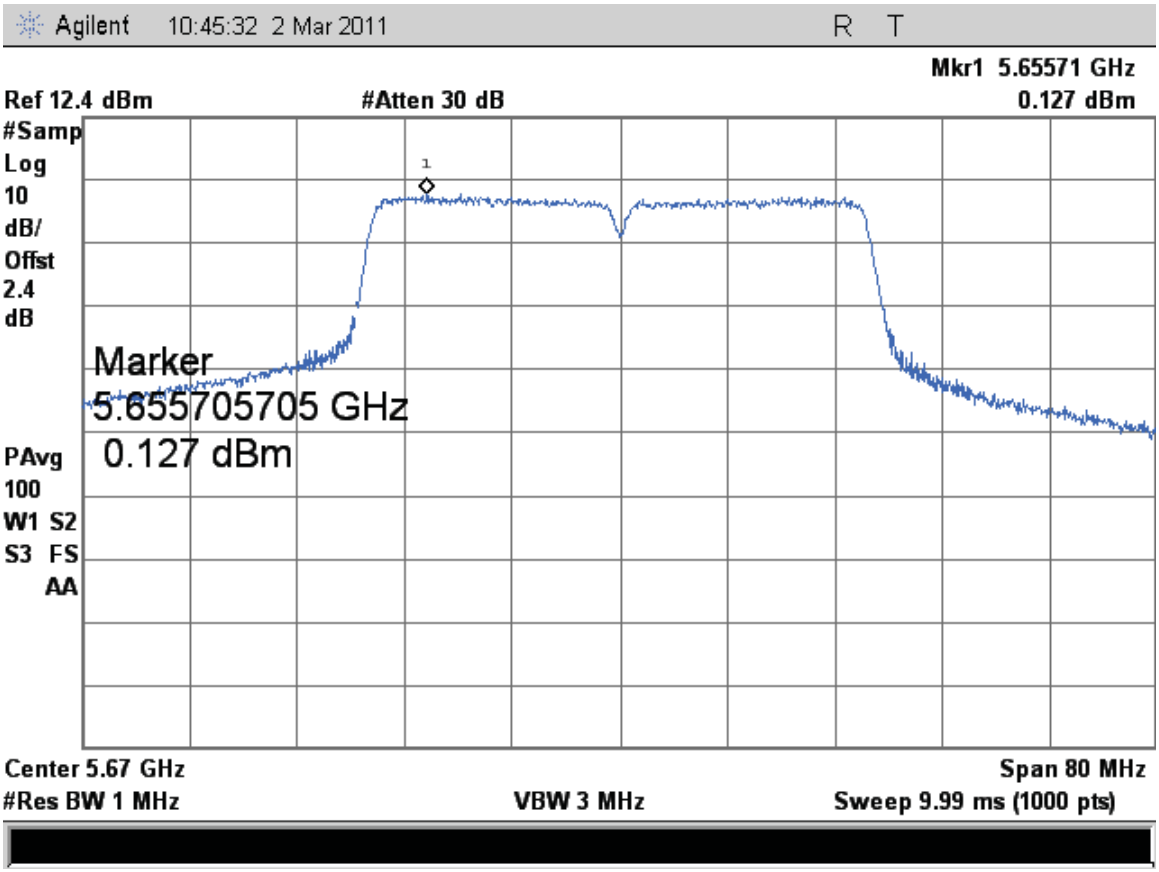


Figure 498: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 1 – 13.5 Mbps

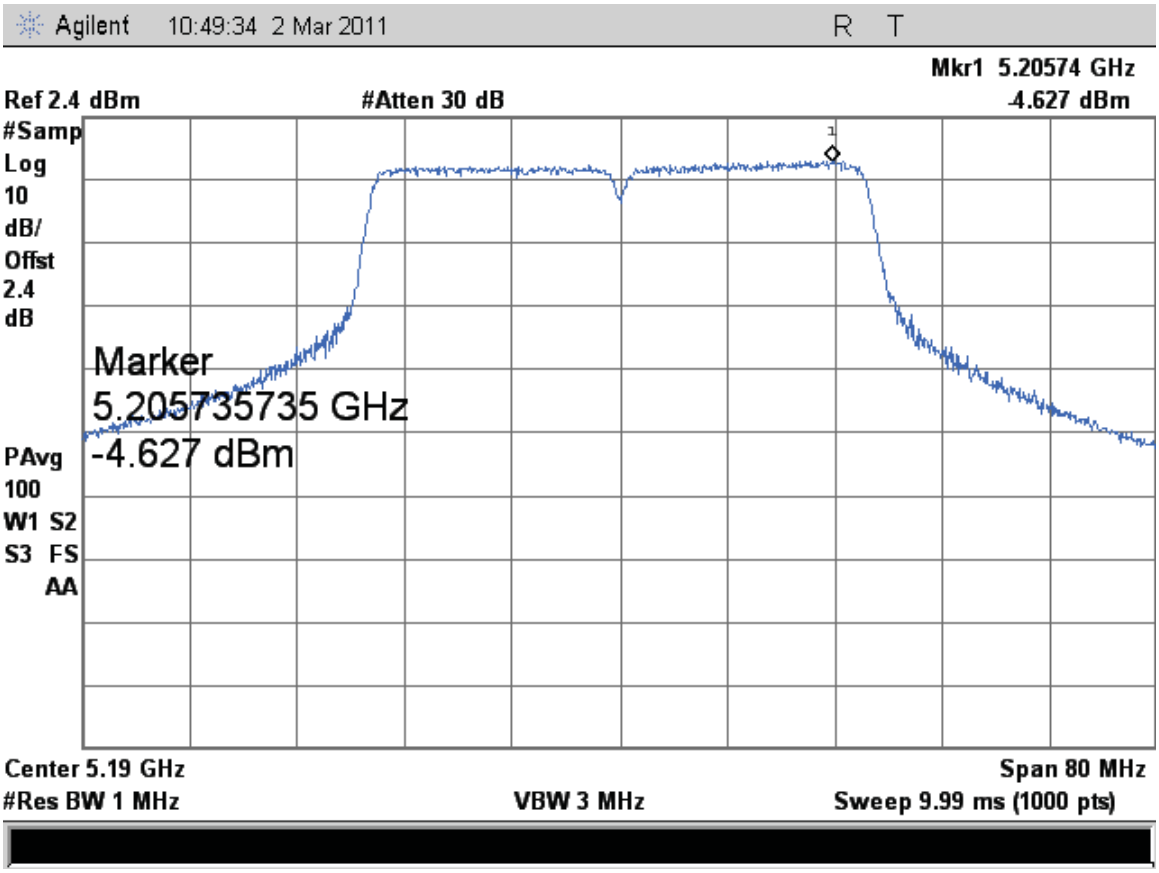


Figure 499: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

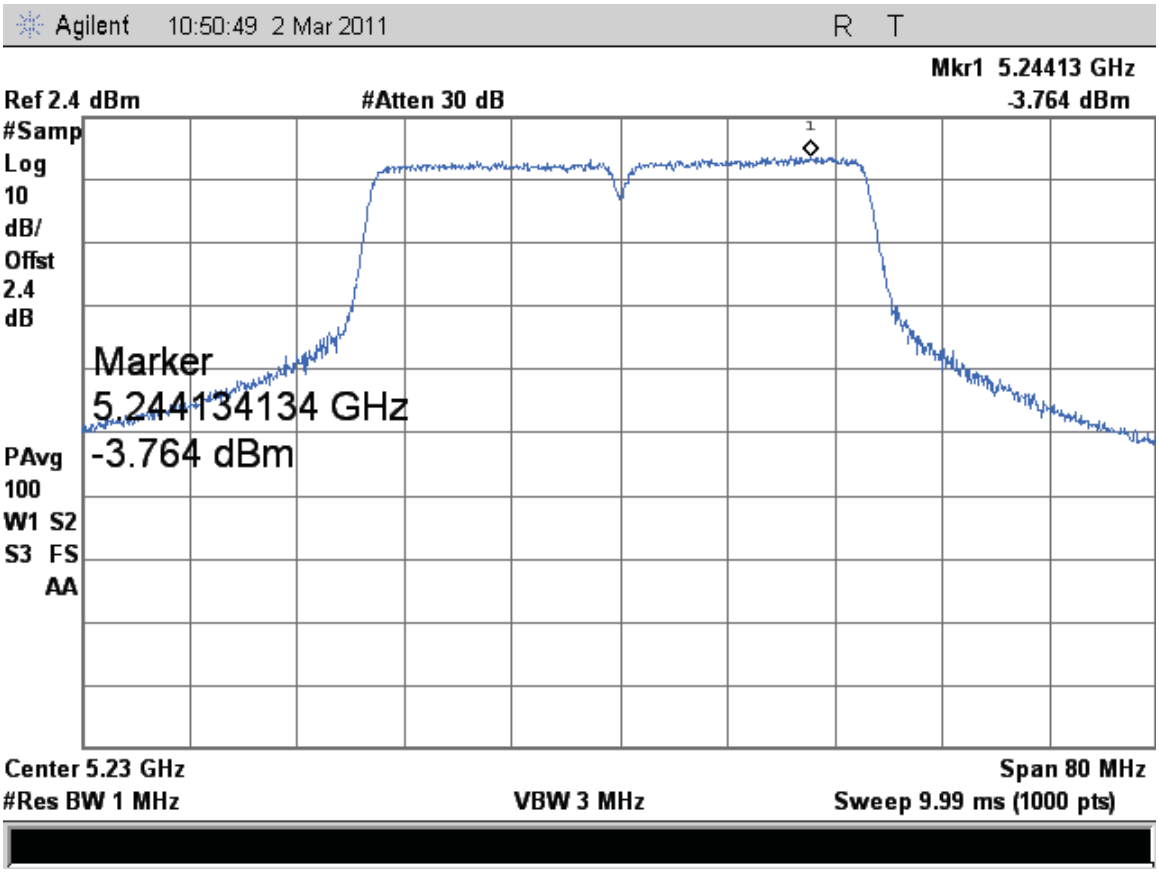


Figure 500: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

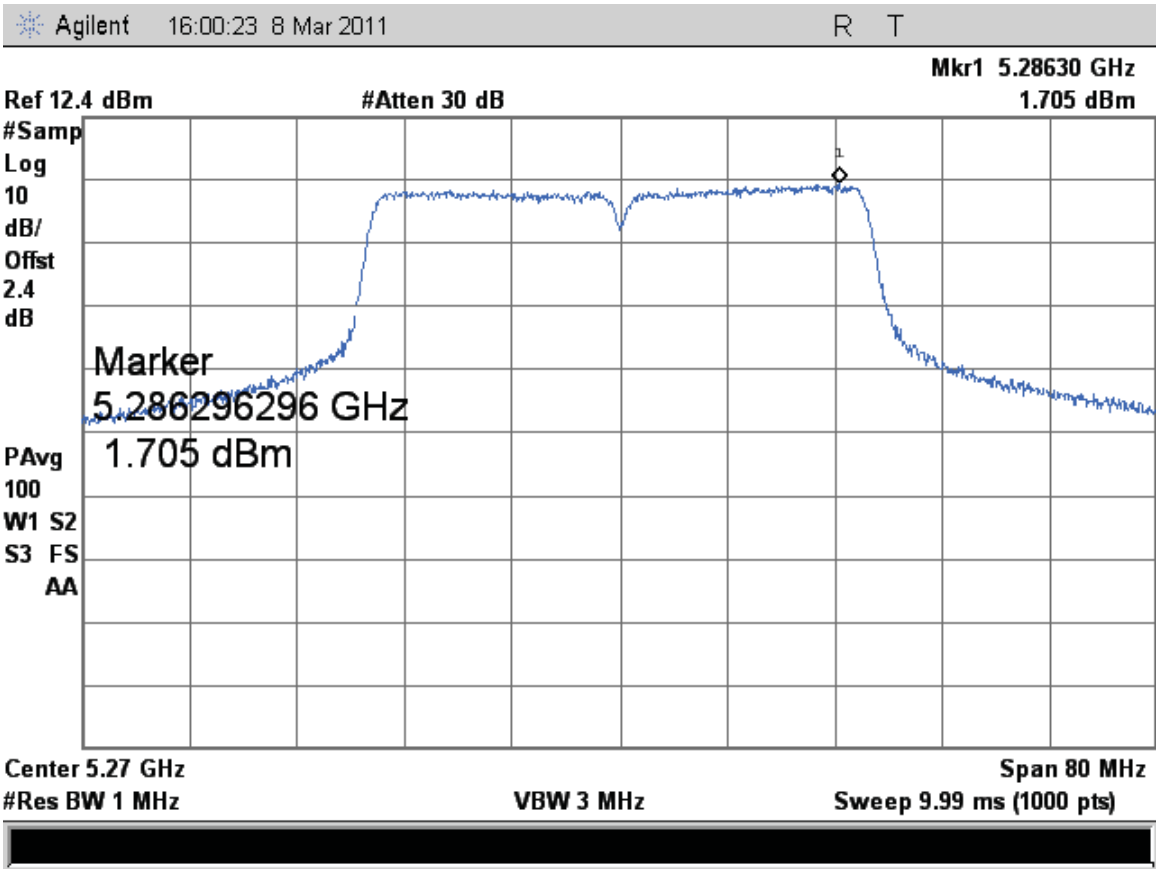


Figure 501: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

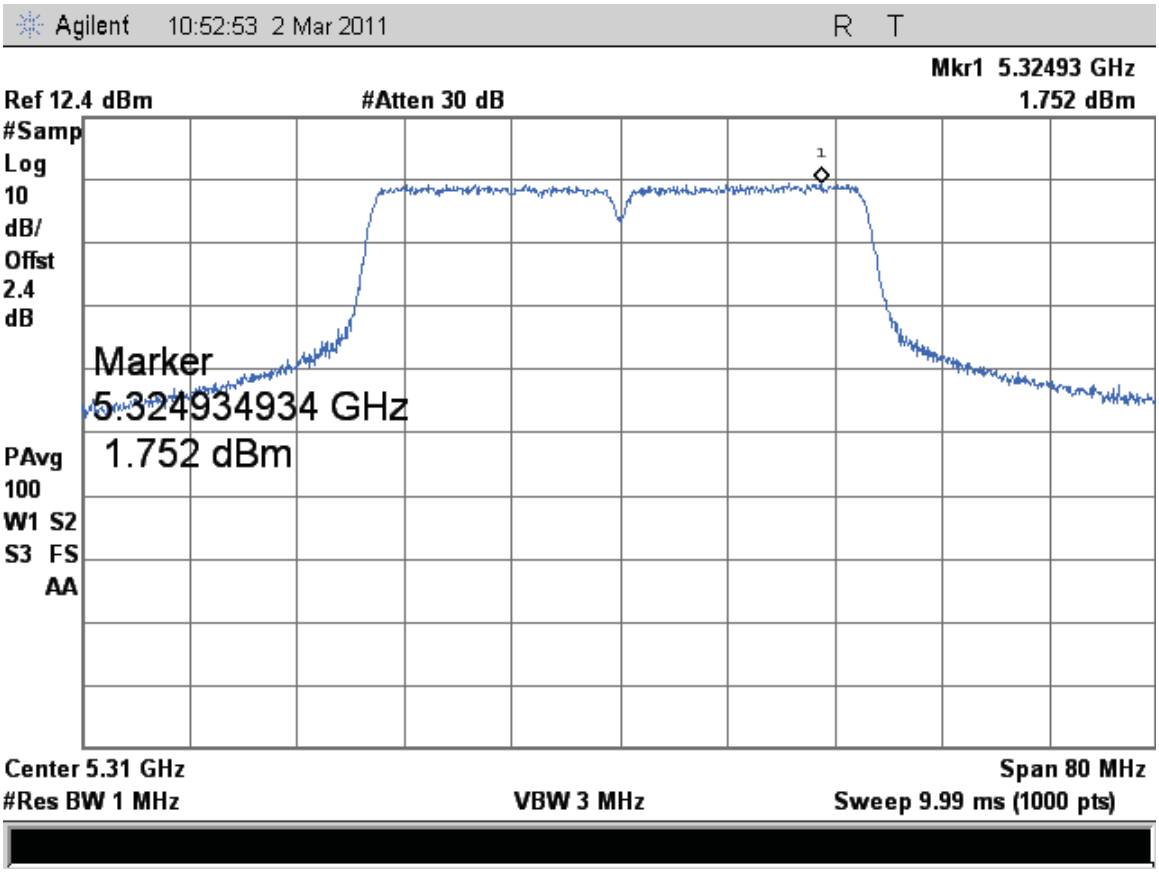


Figure 502: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

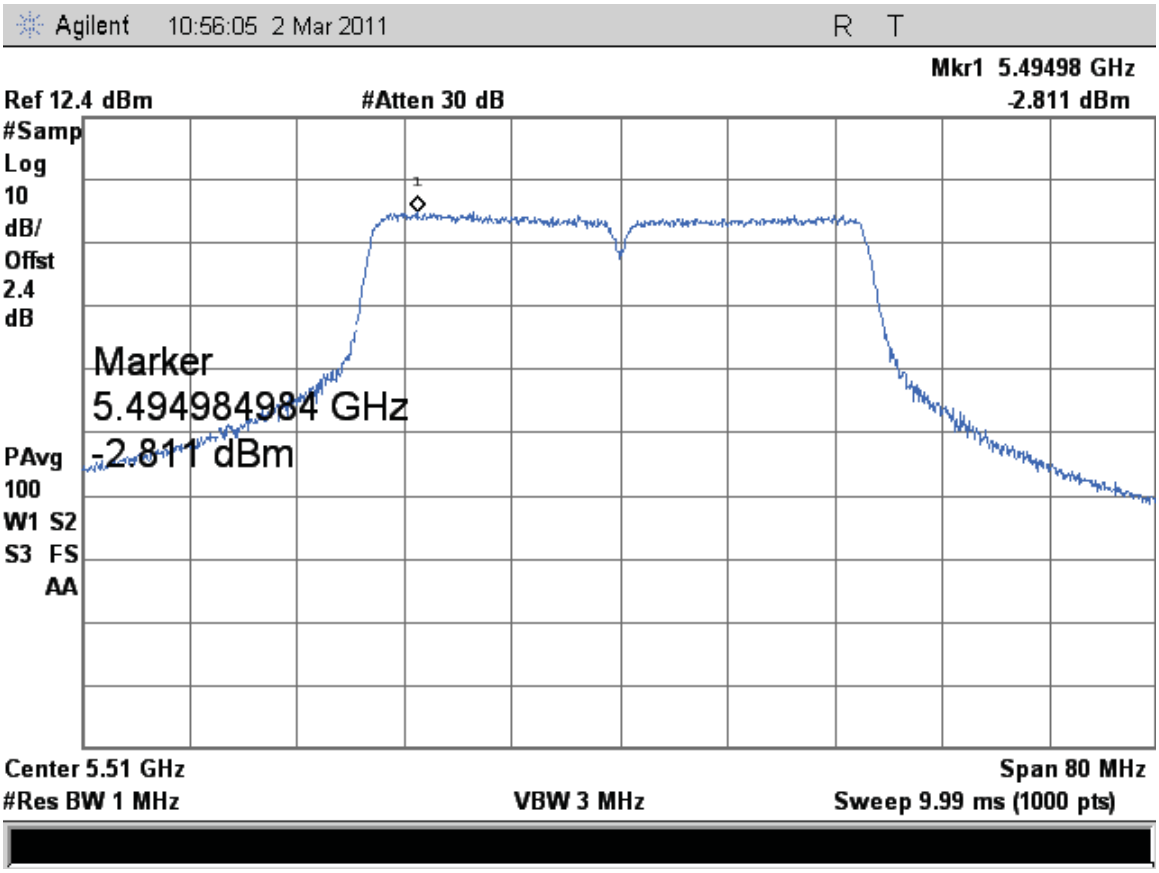


Figure 503: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

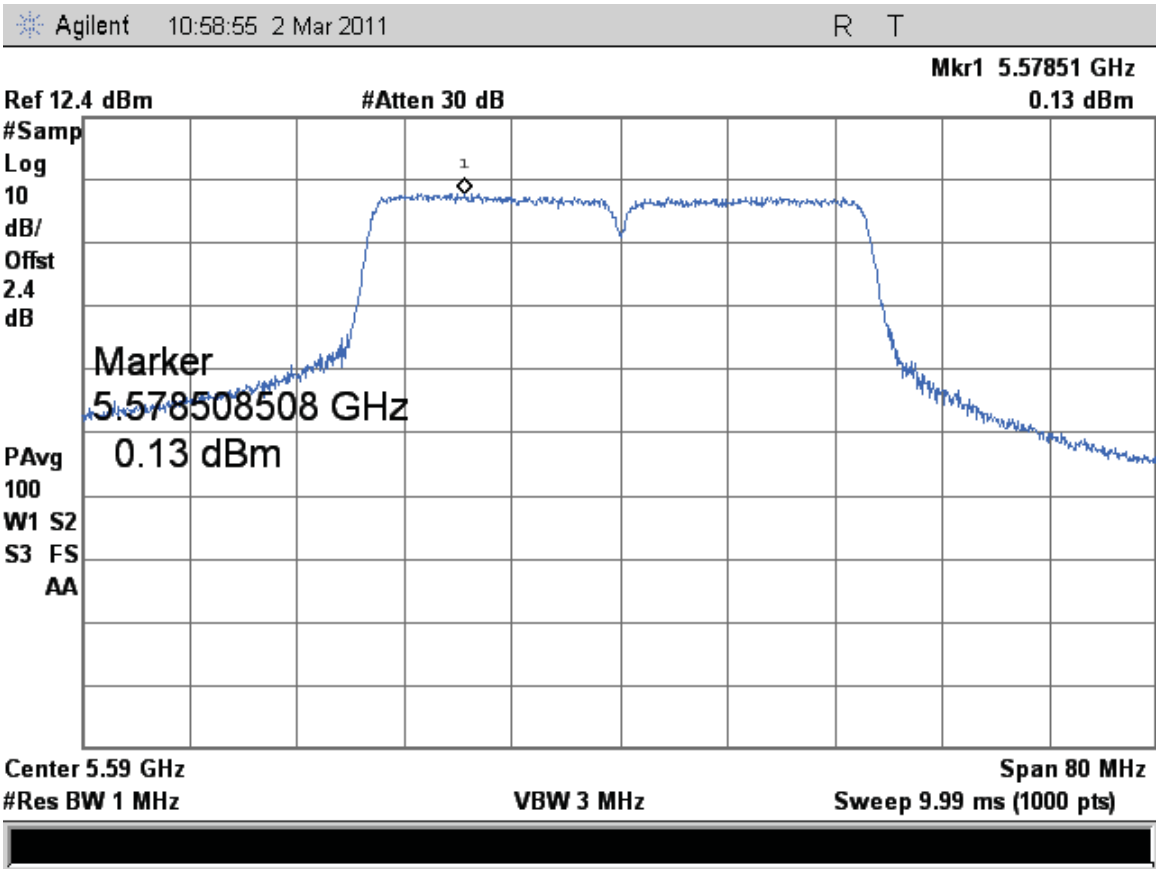


Figure 504: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

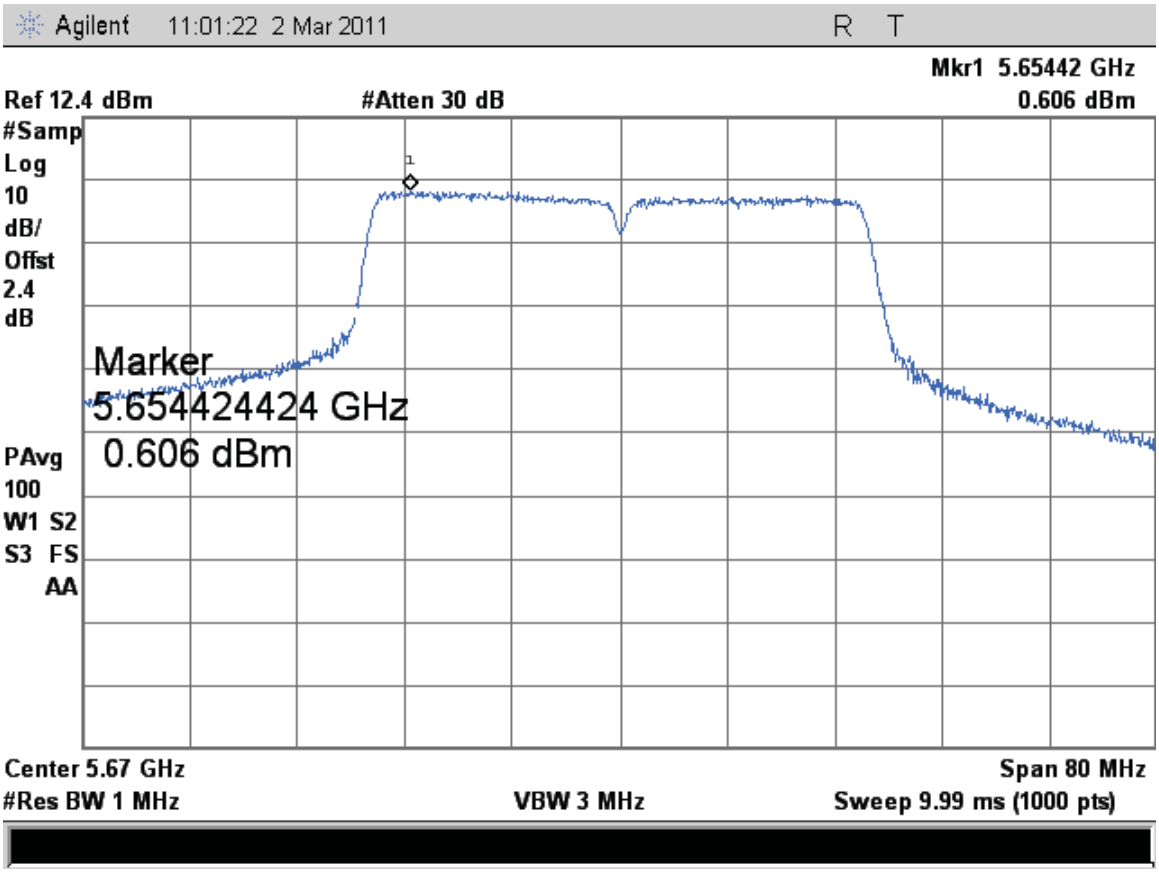


Figure 505: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 2 – 13.5 Mbps

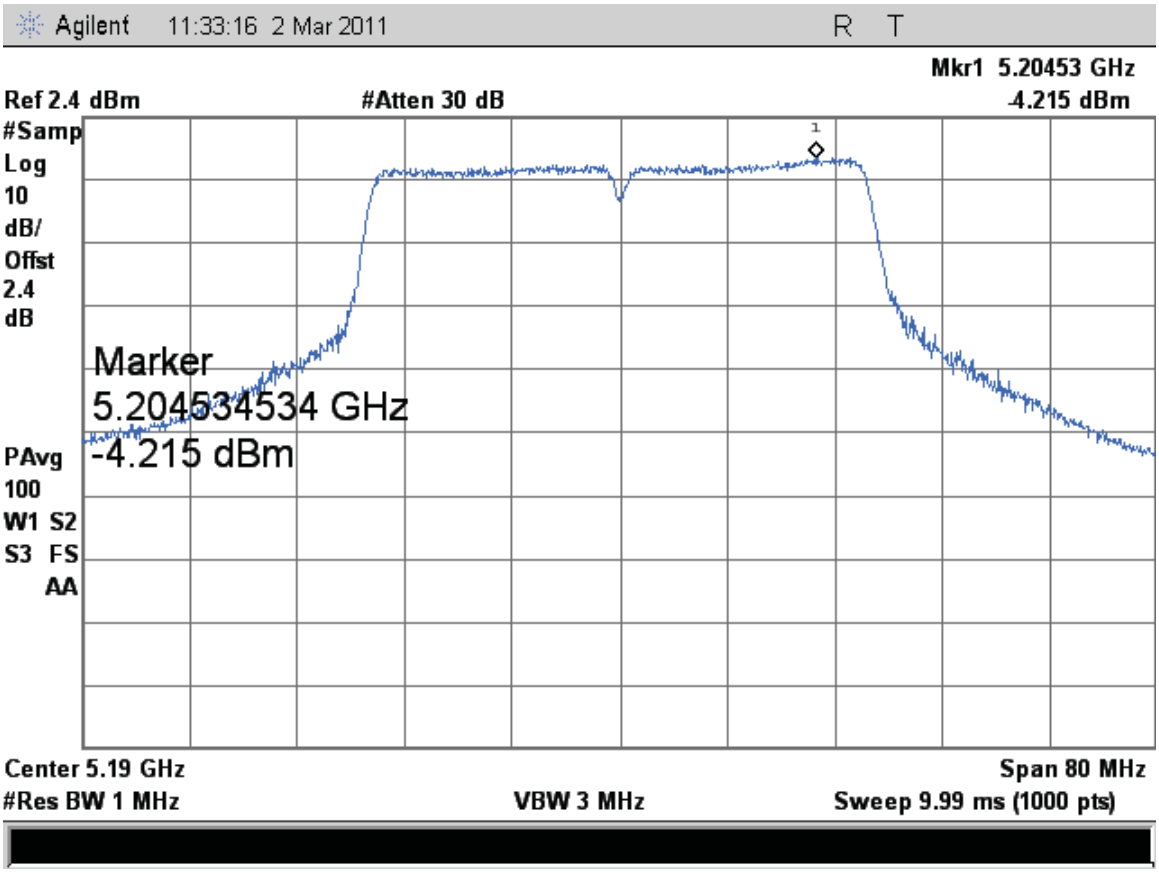


Figure 506: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

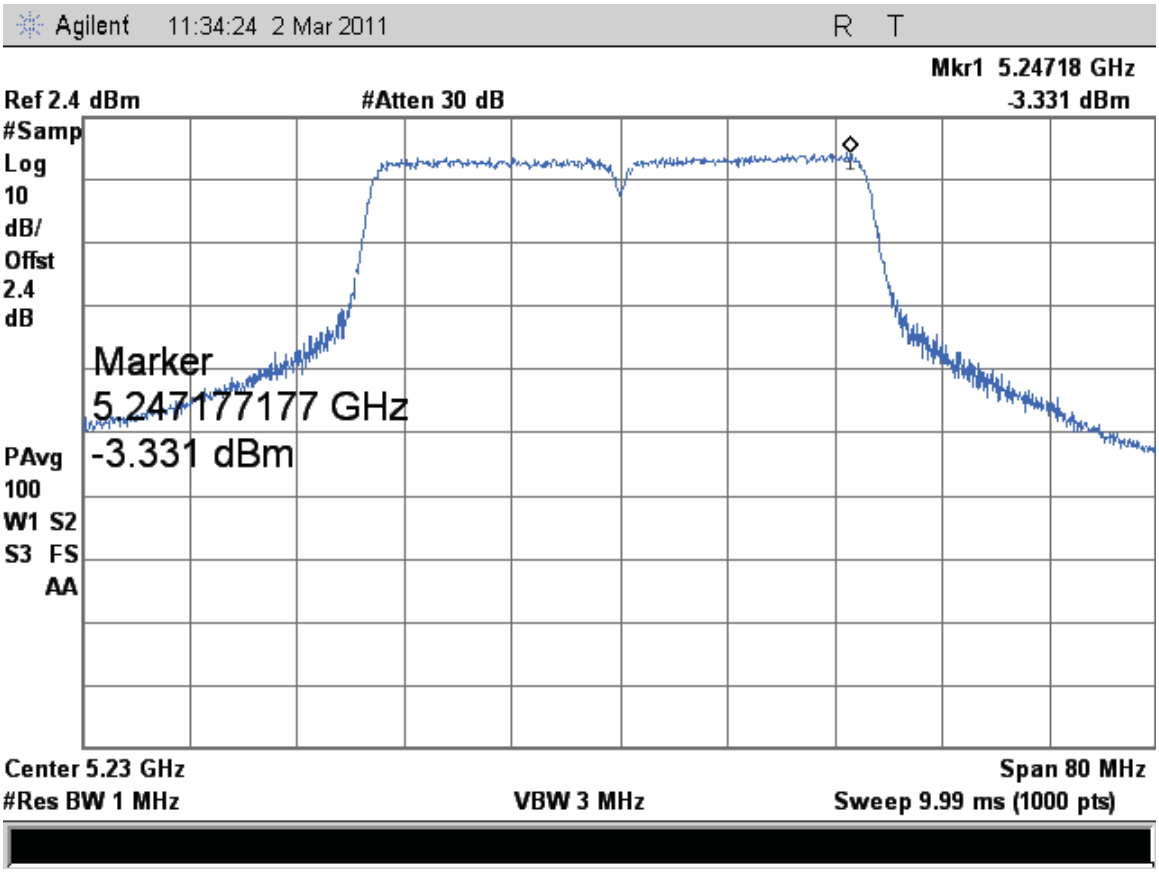


Figure 507: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

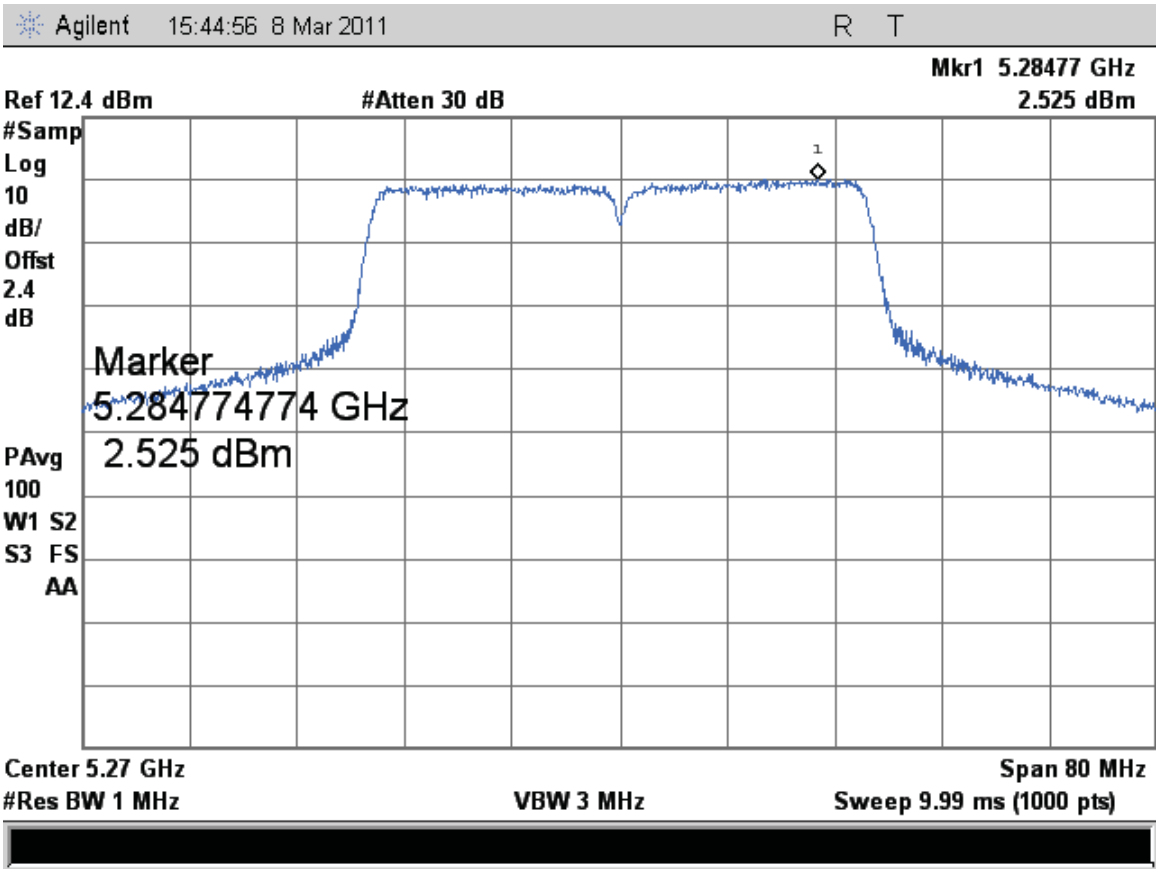


Figure 508: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

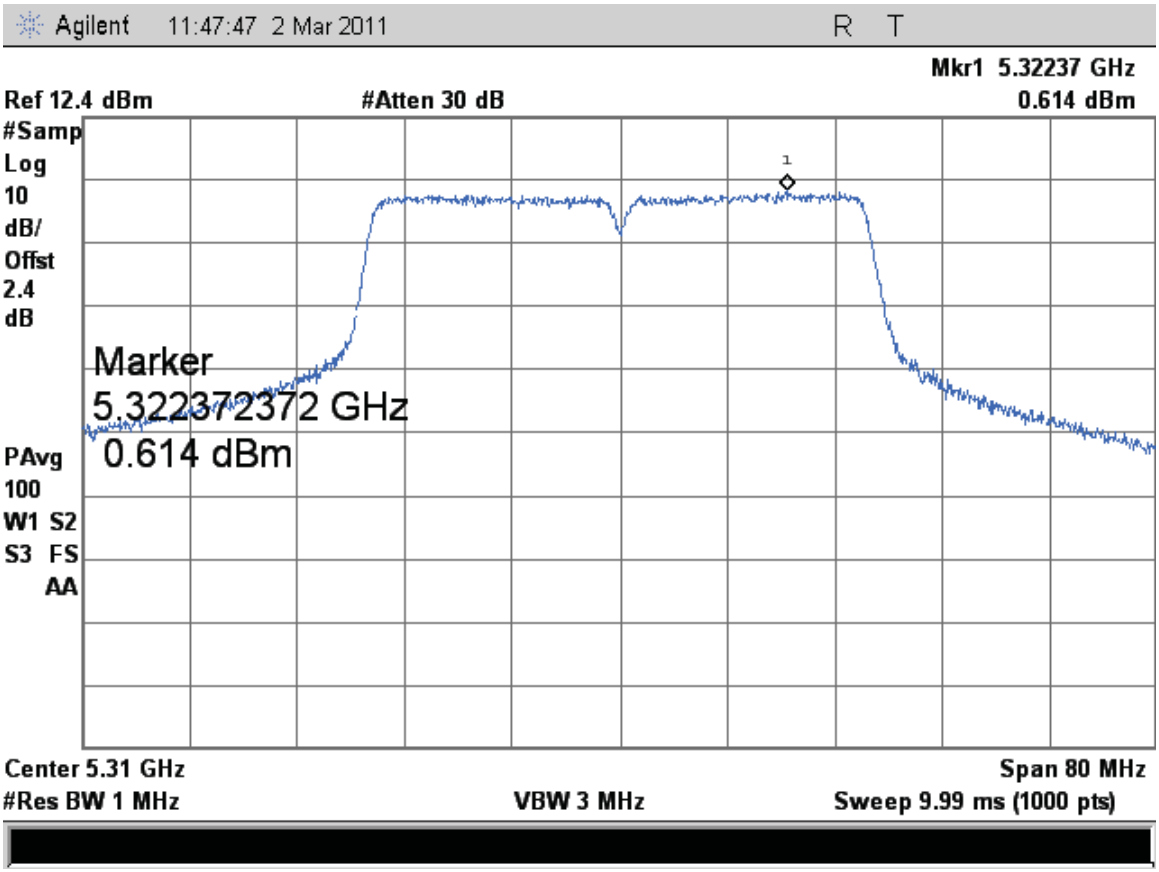


Figure 509: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

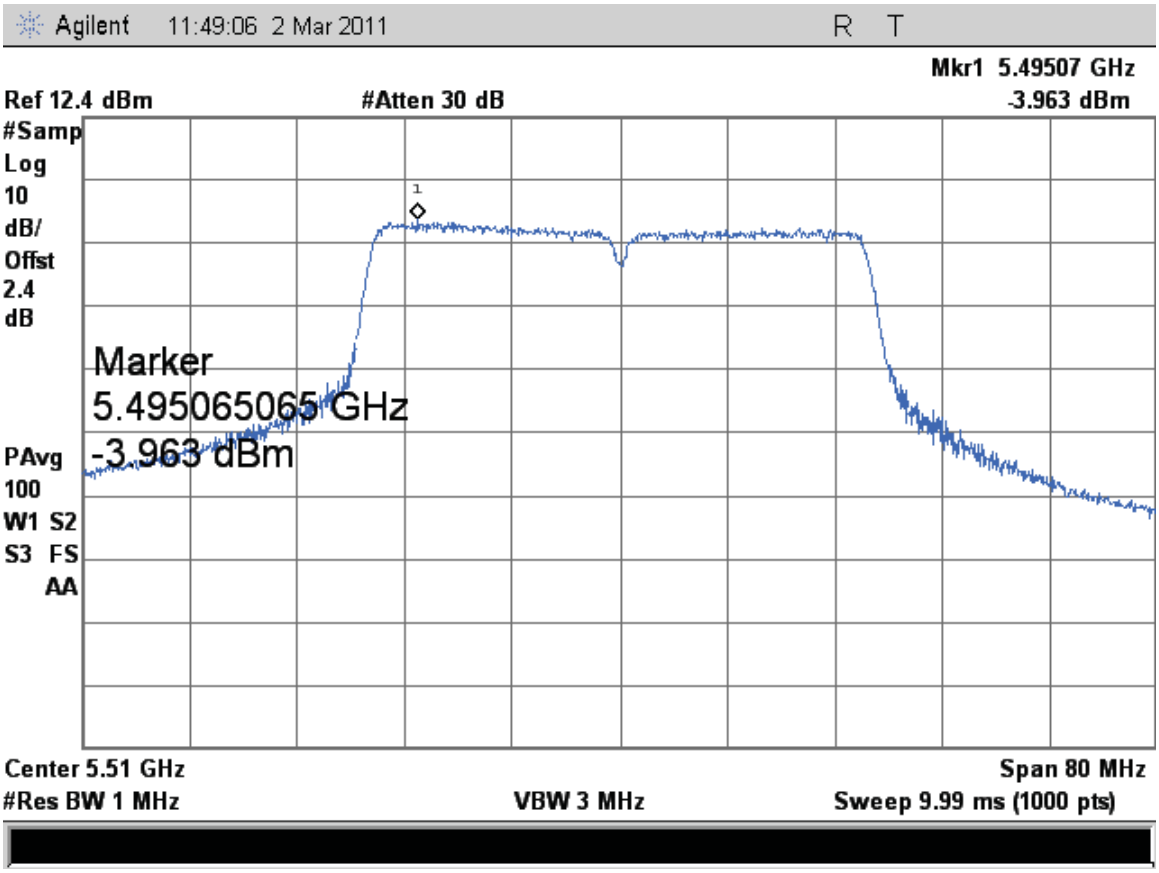


Figure 510: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

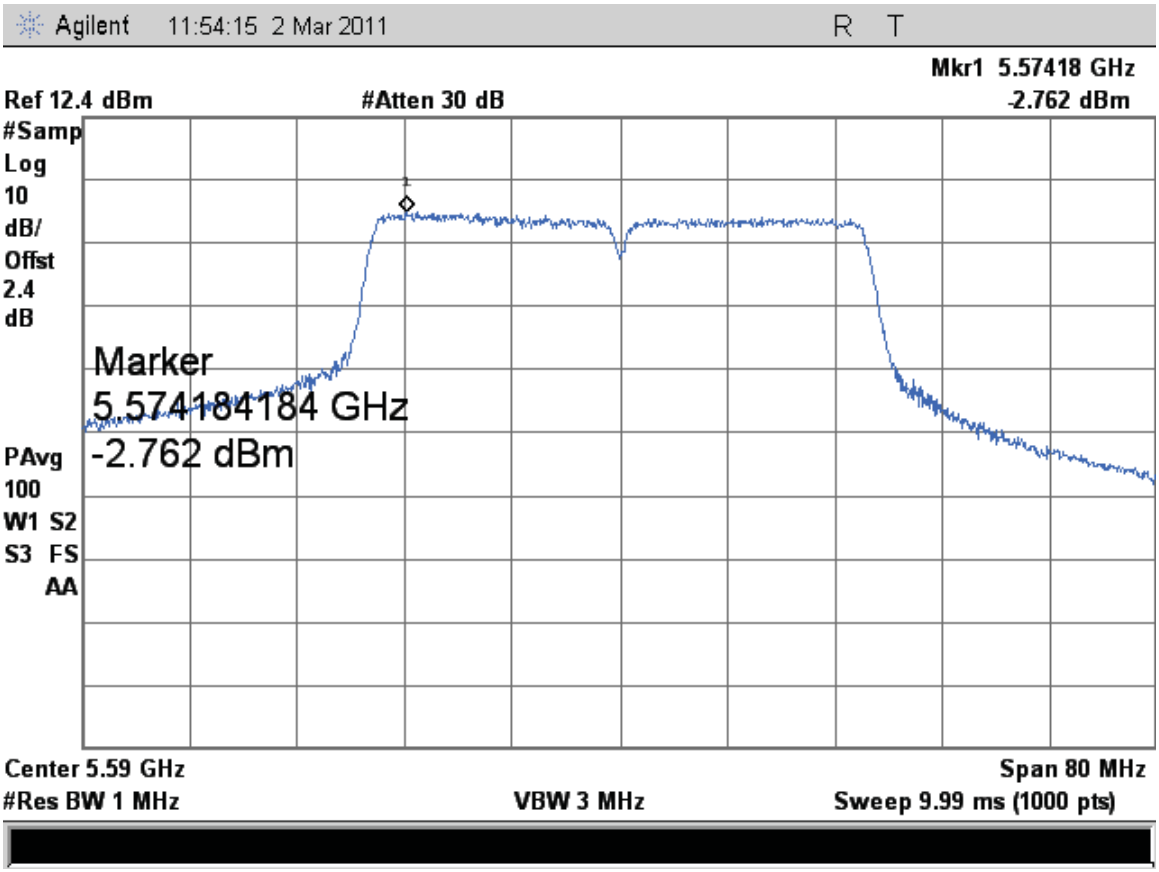


Figure 511: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

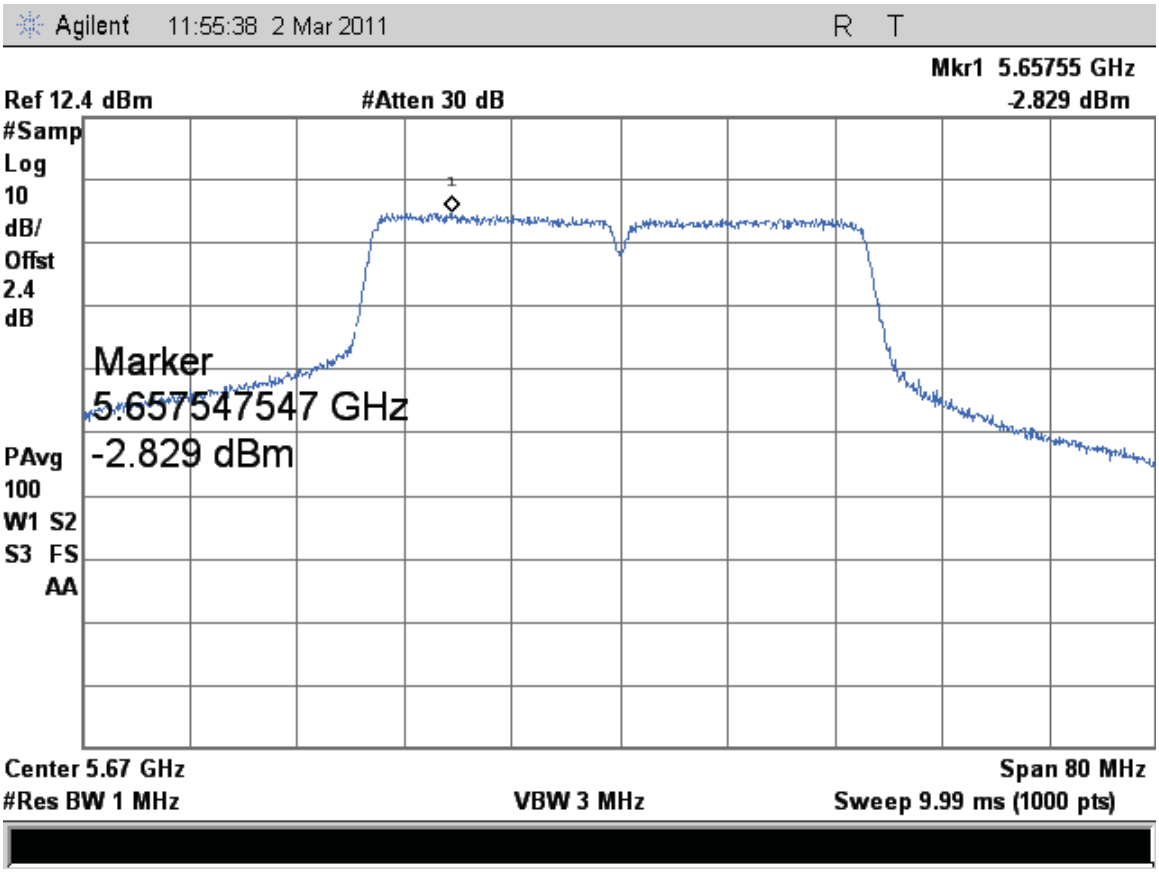


Figure 512: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 0 – 27 Mbps

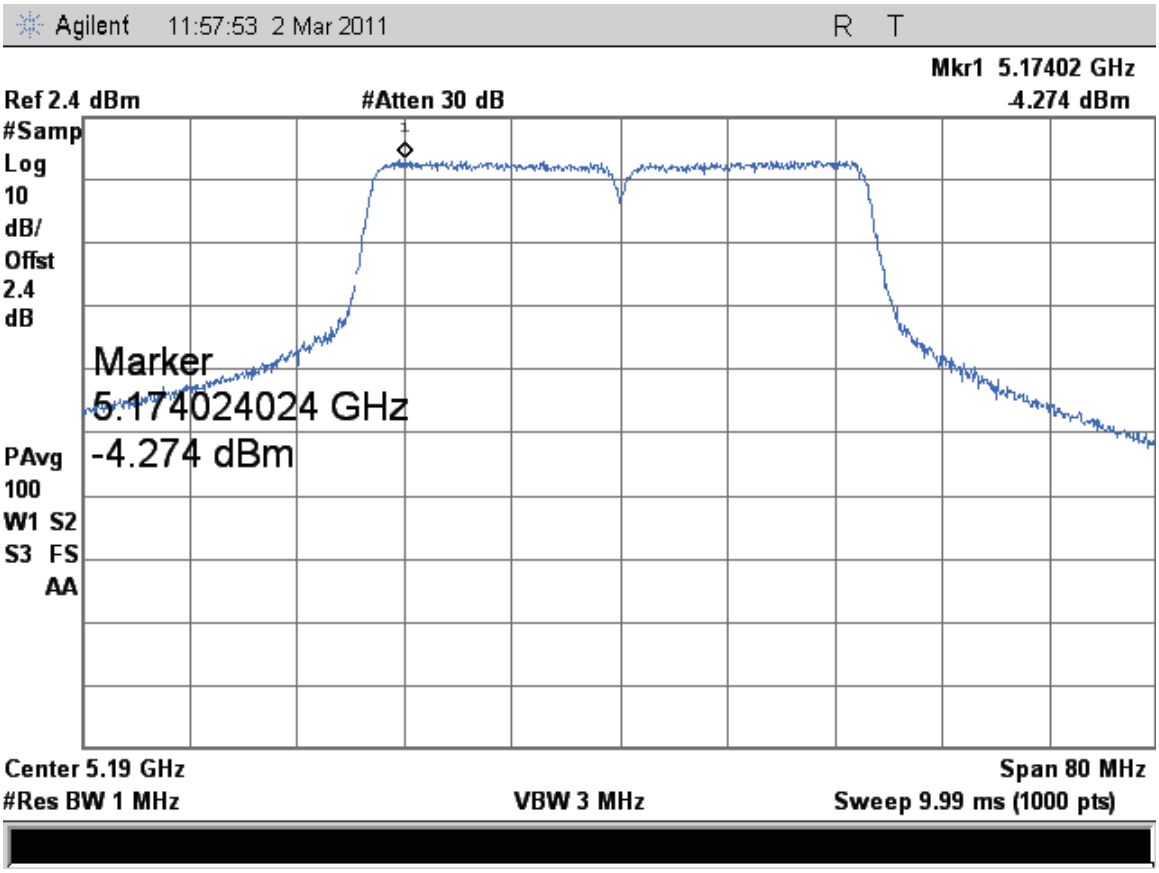


Figure 513: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

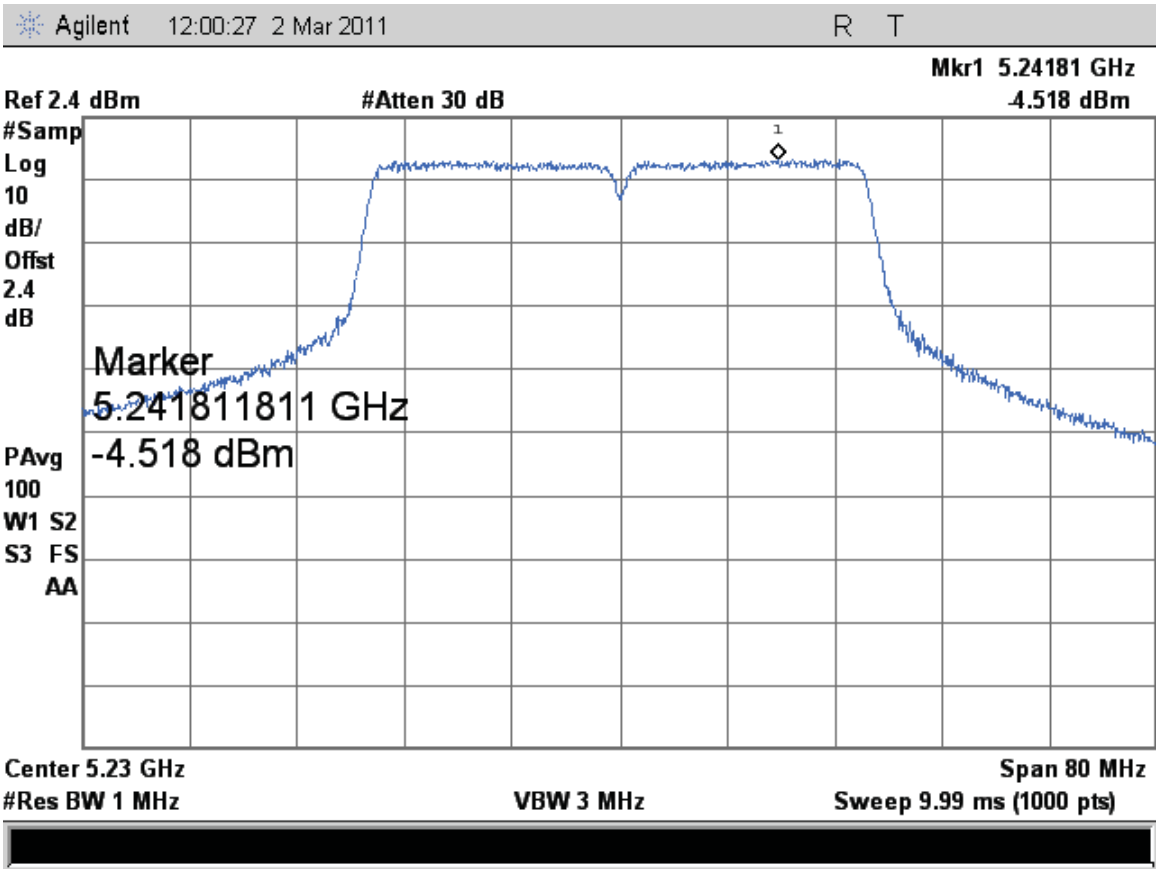


Figure 514: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

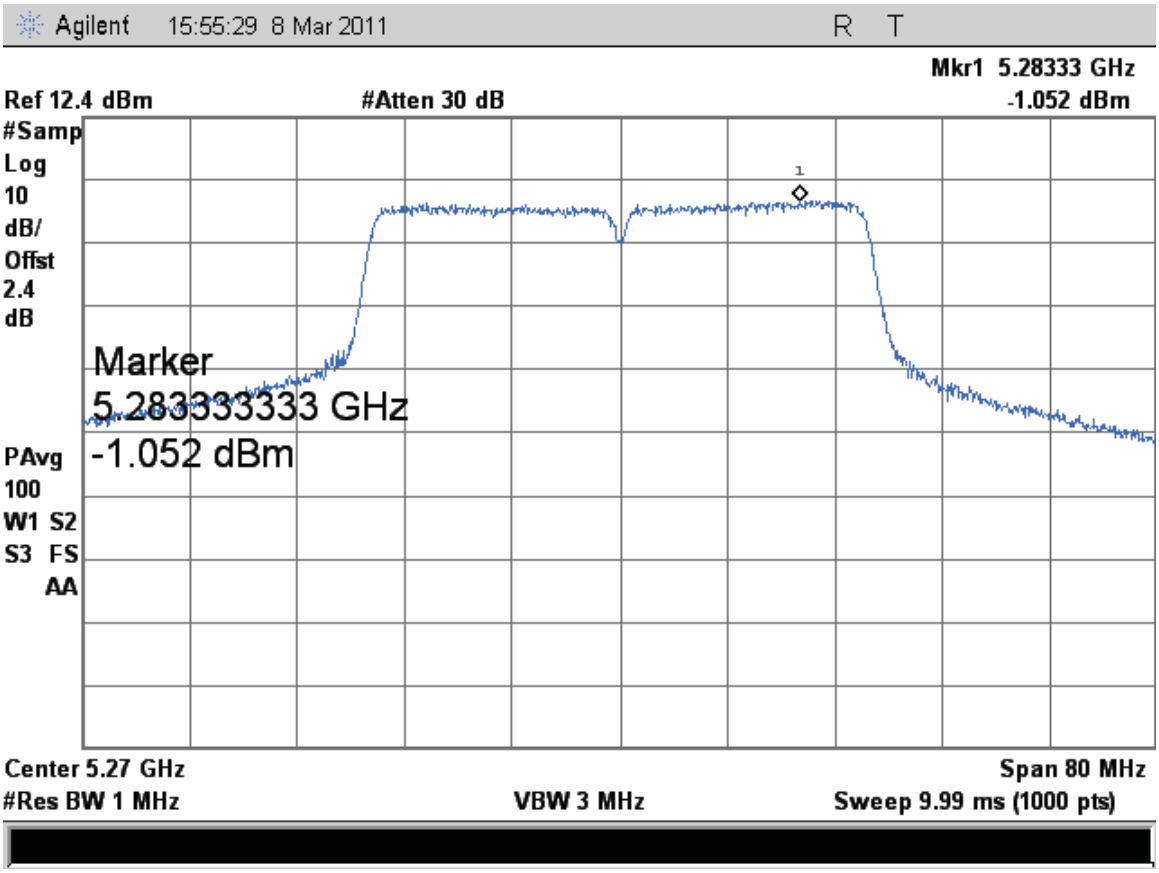


Figure 515: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

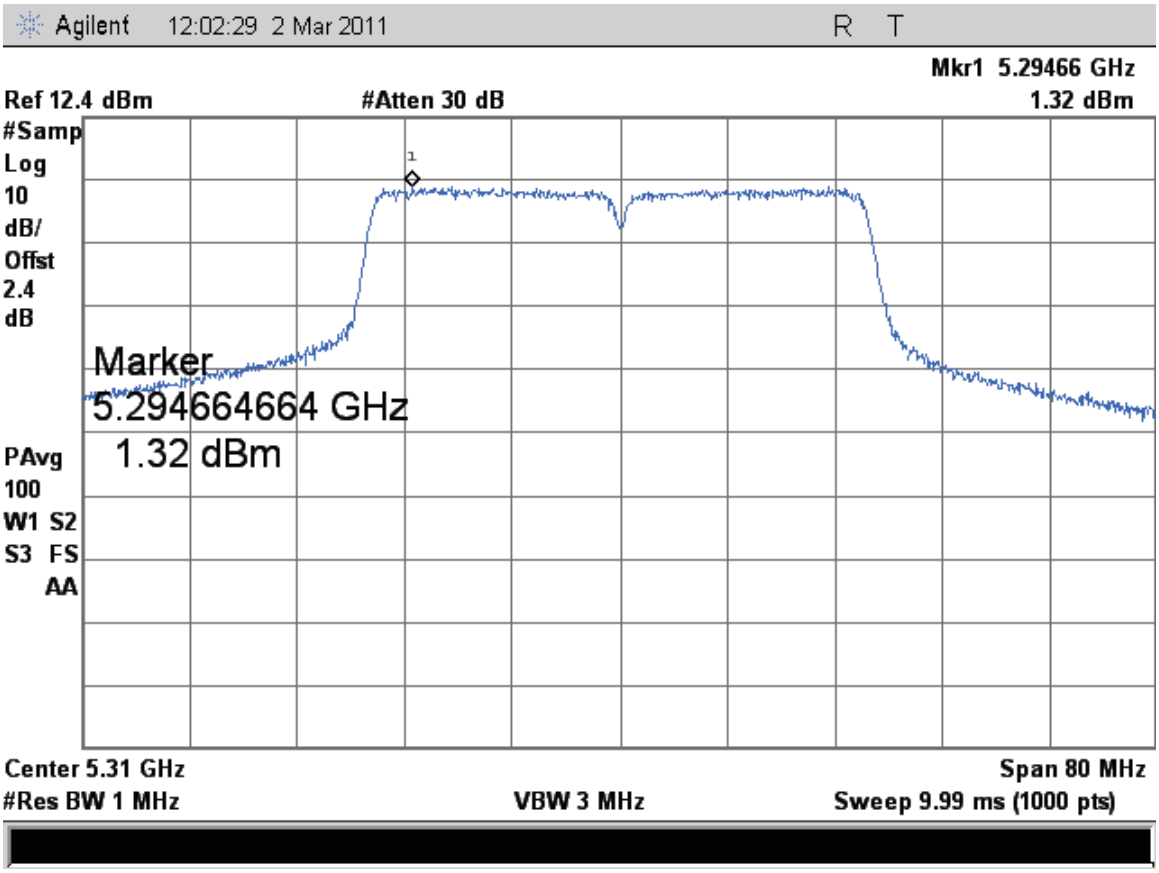


Figure 516: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

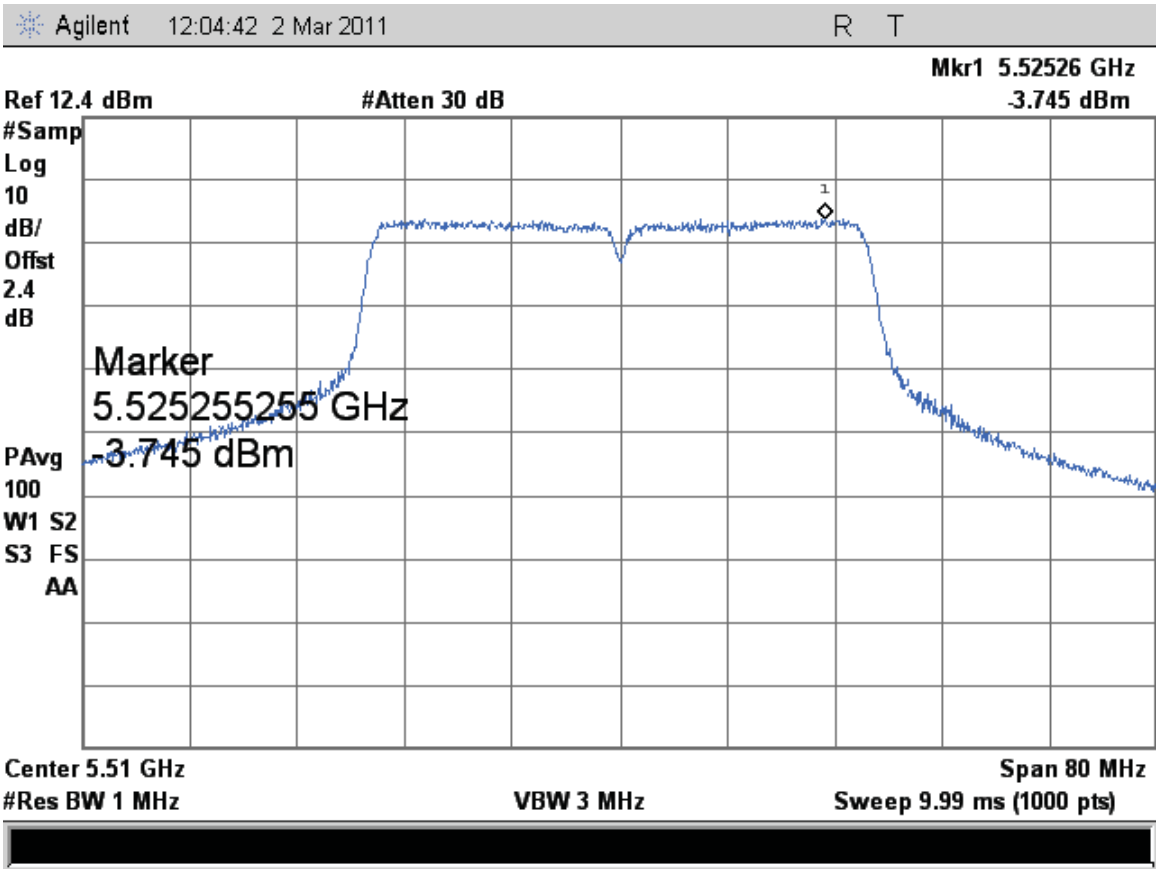


Figure 517: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

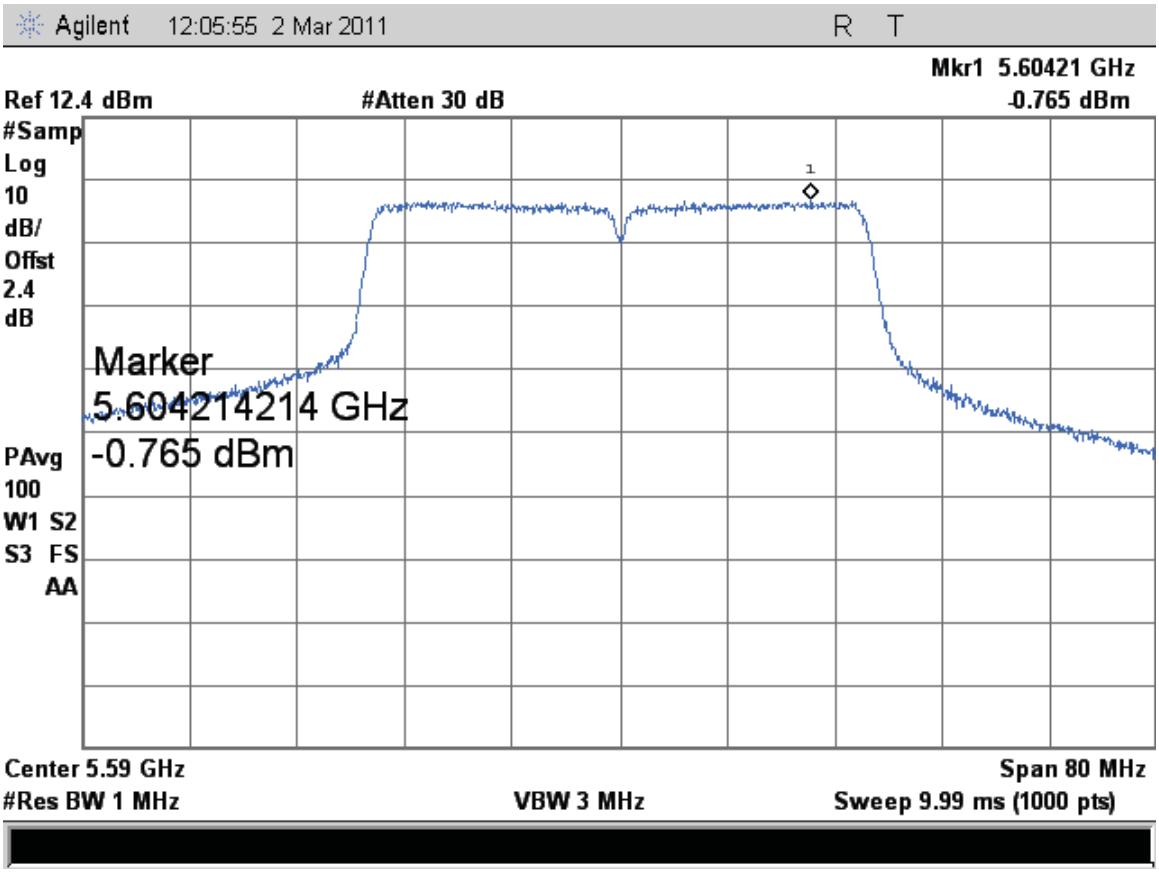


Figure 518: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

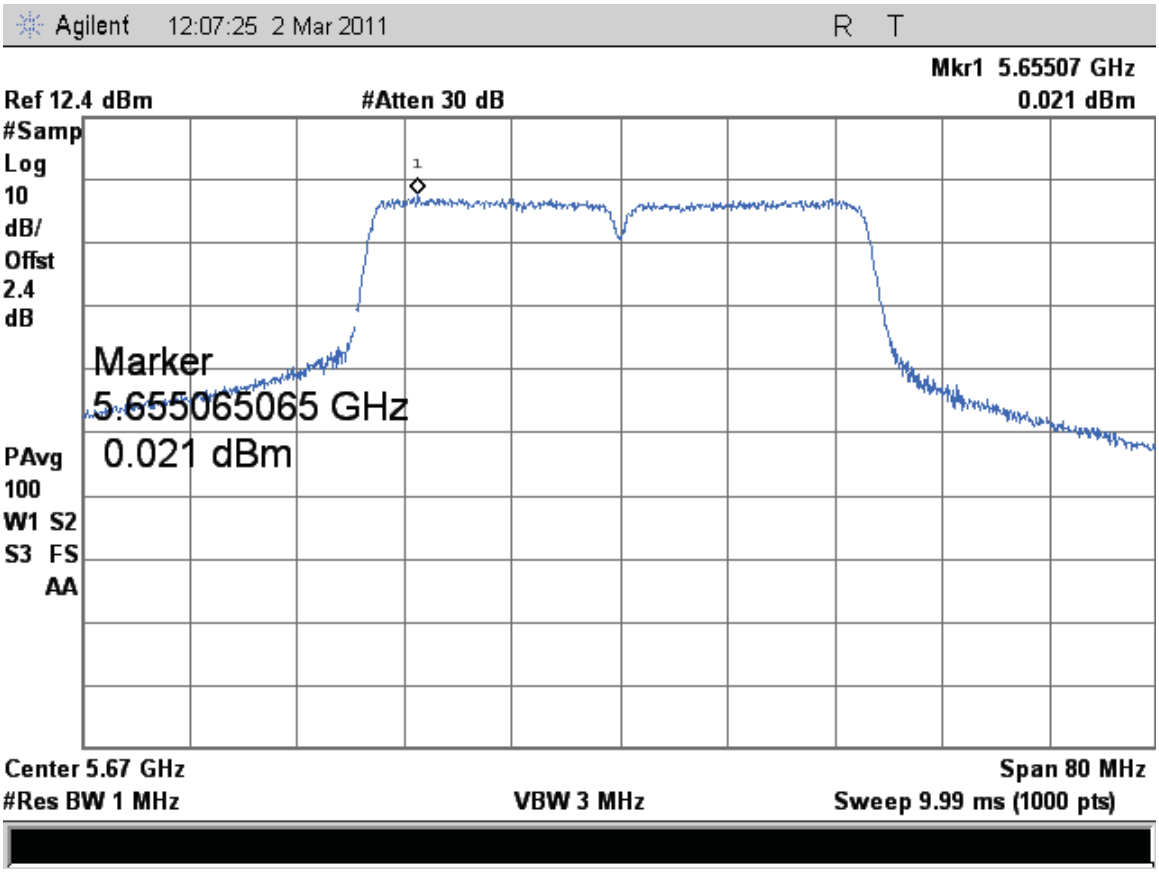


Figure 519: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 1 – 27 Mbps

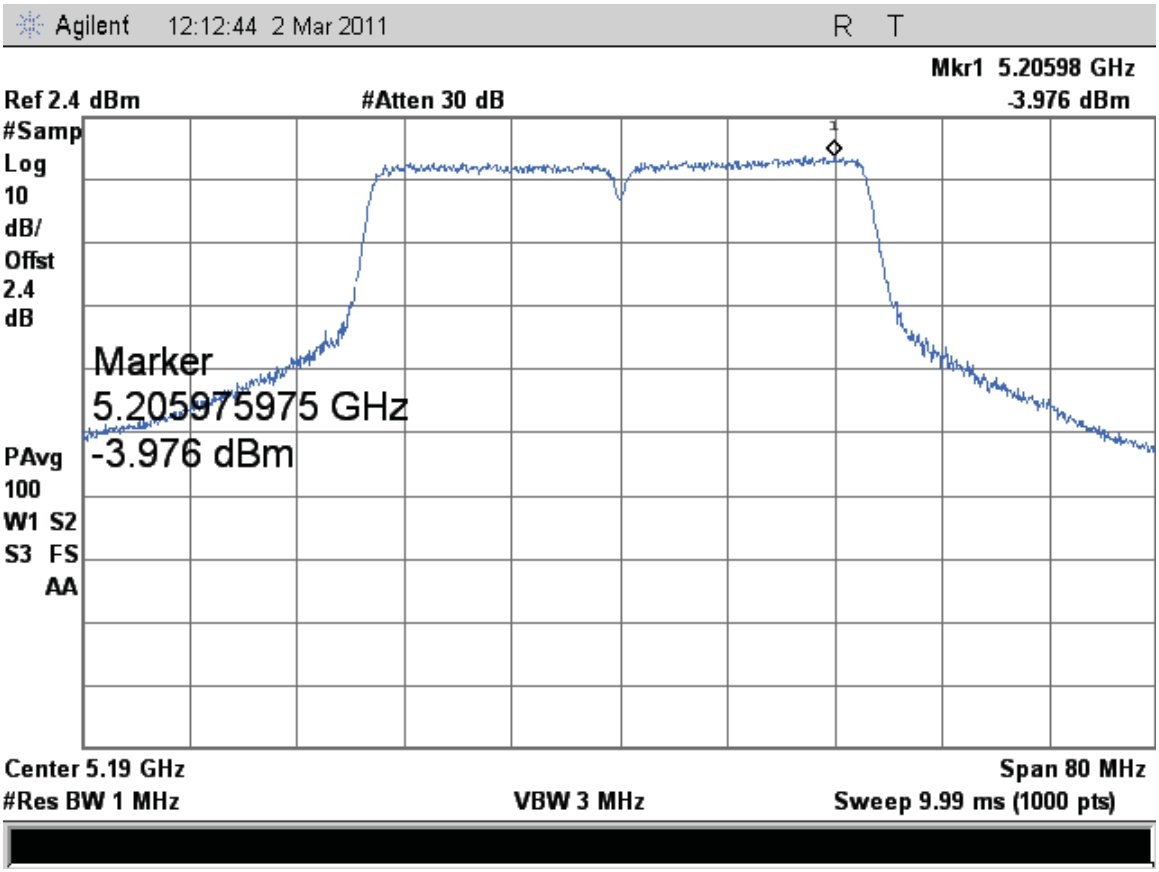


Figure 520: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

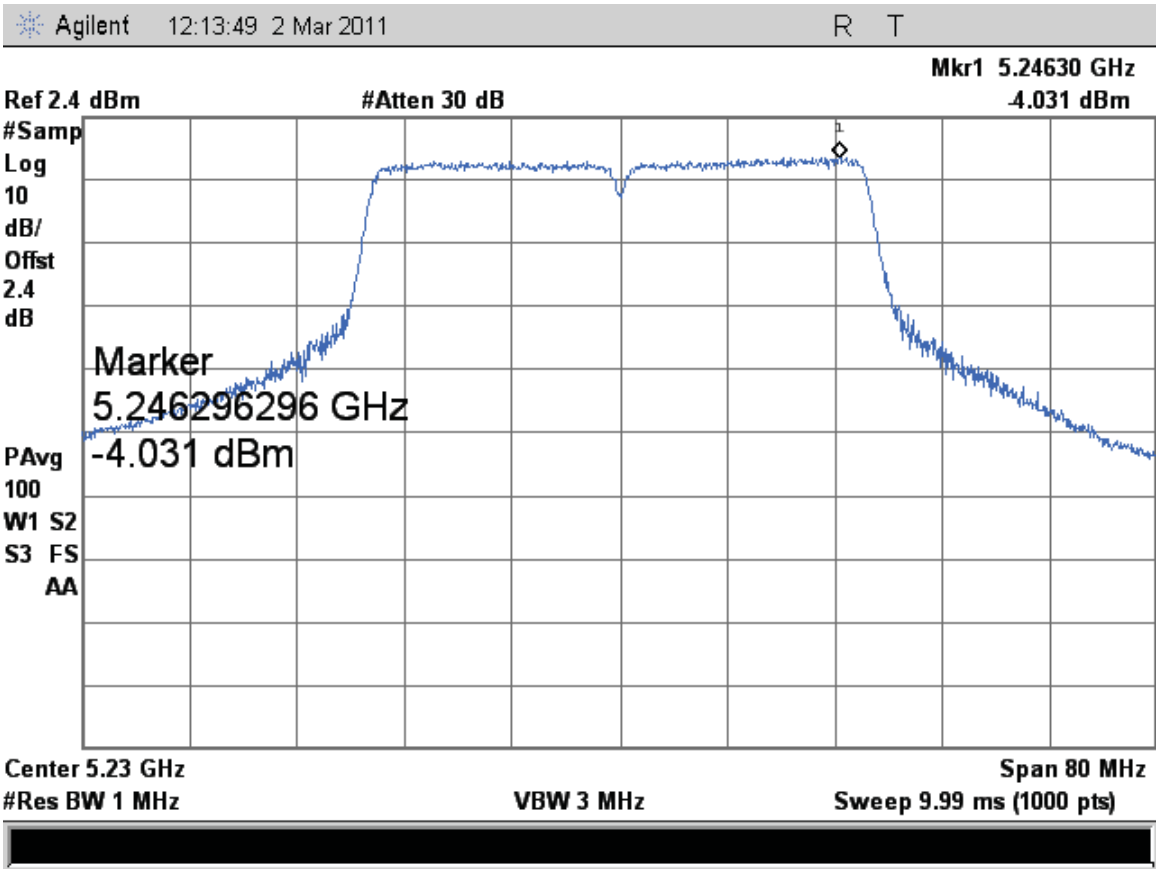


Figure 521: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

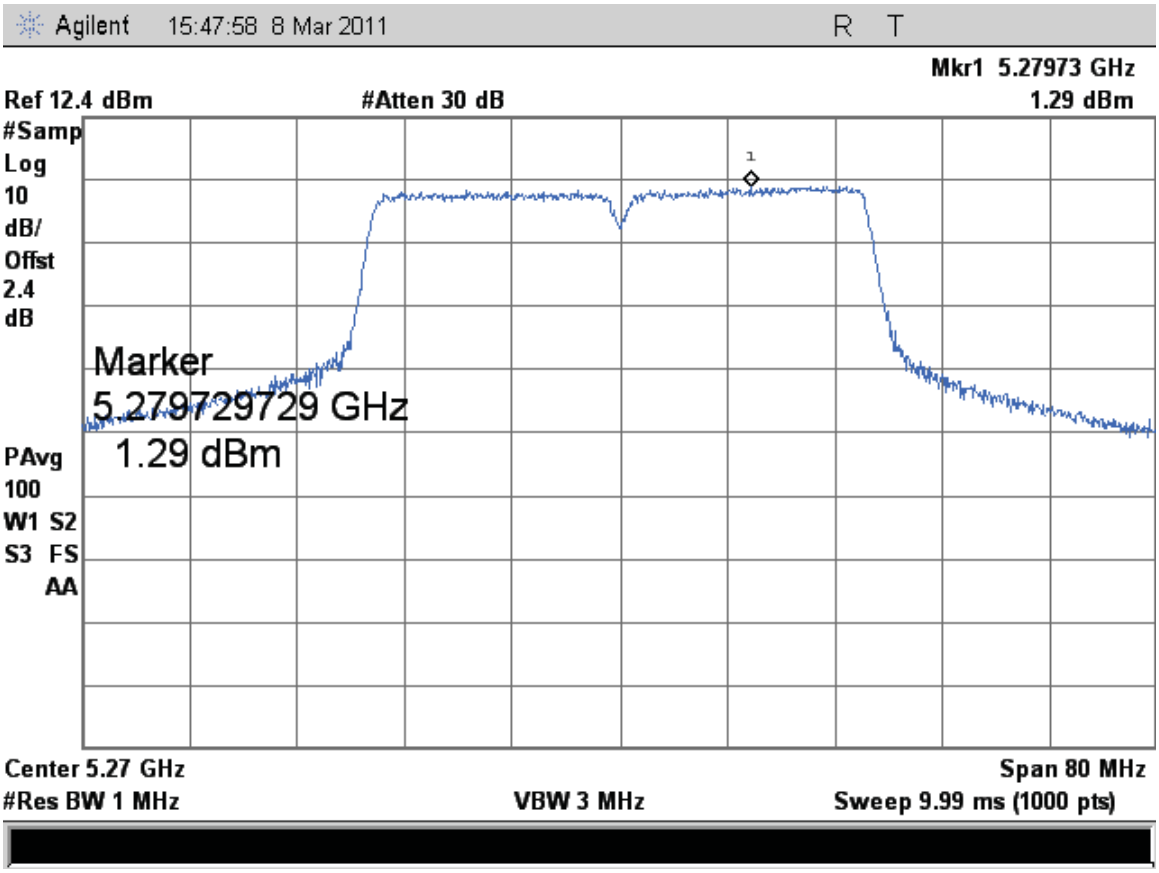


Figure 522: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

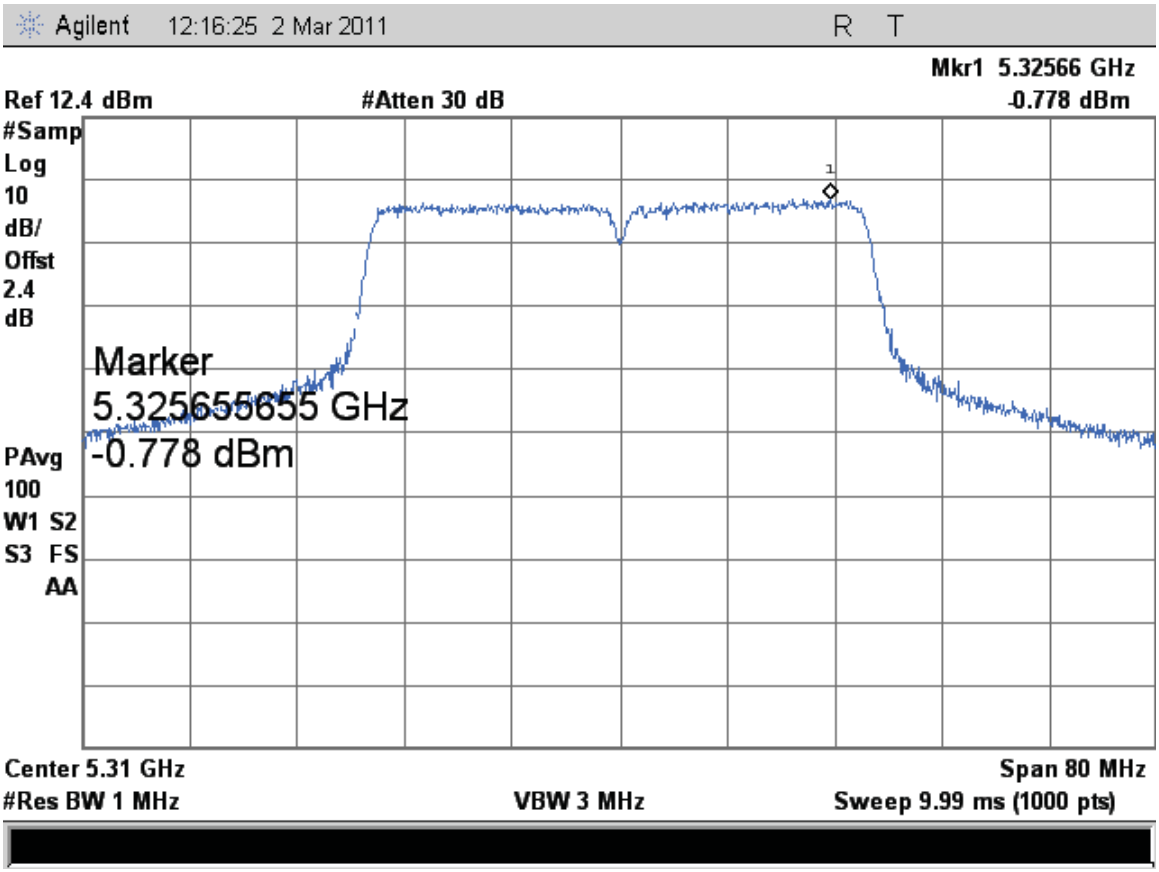


Figure 523: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

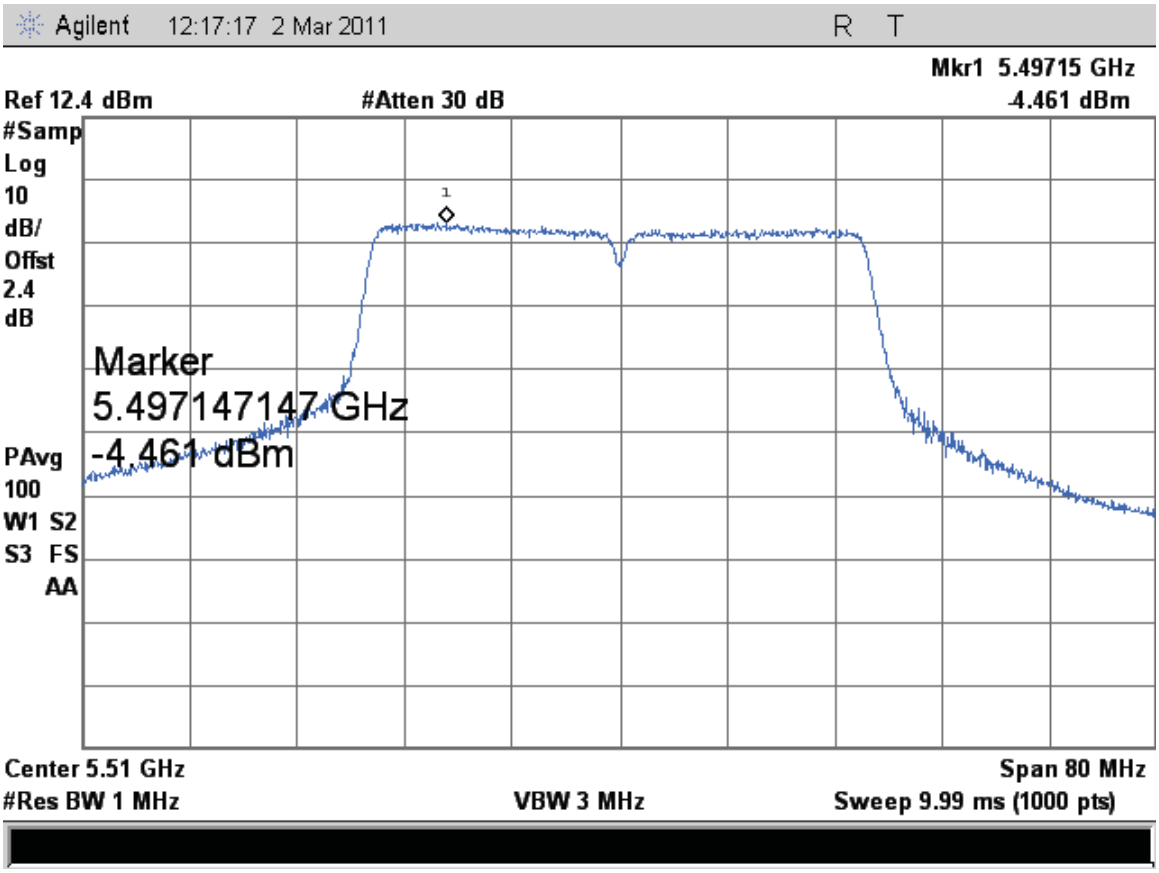


Figure 524: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

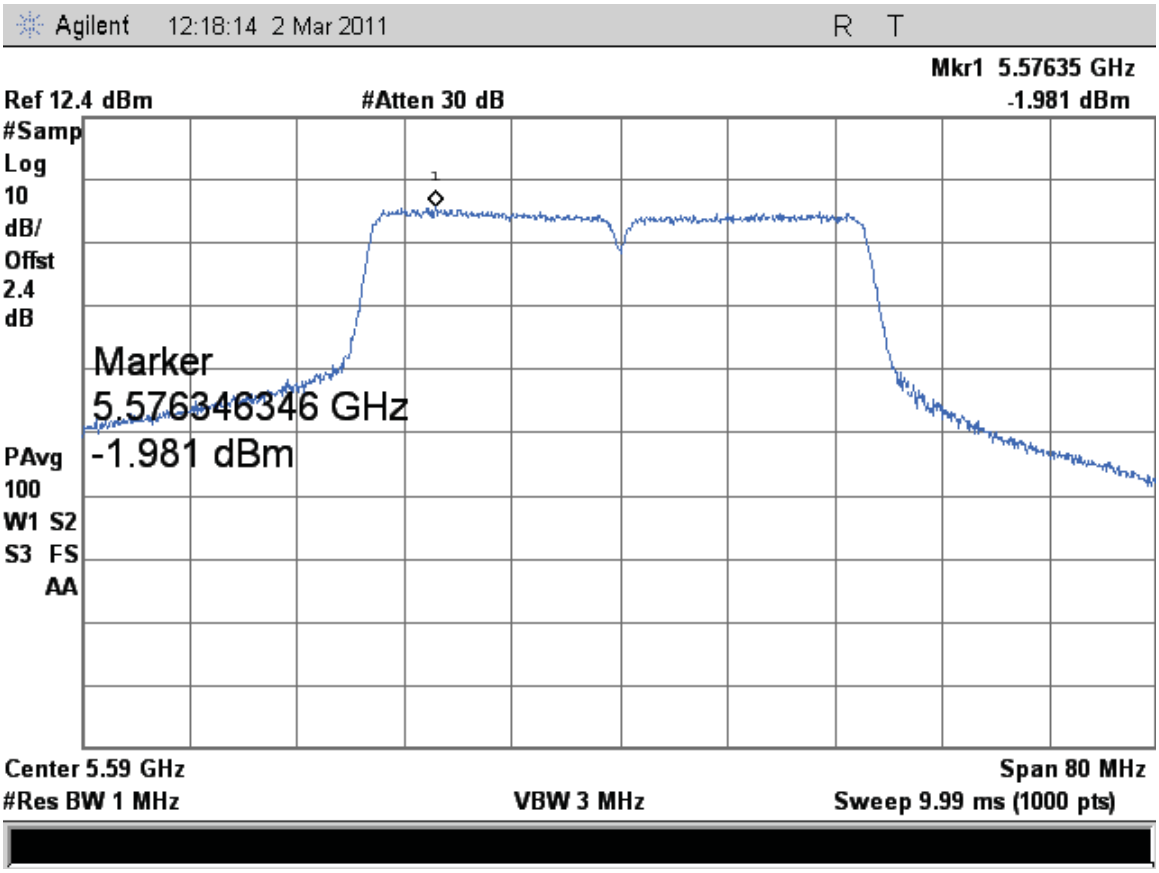


Figure 525: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

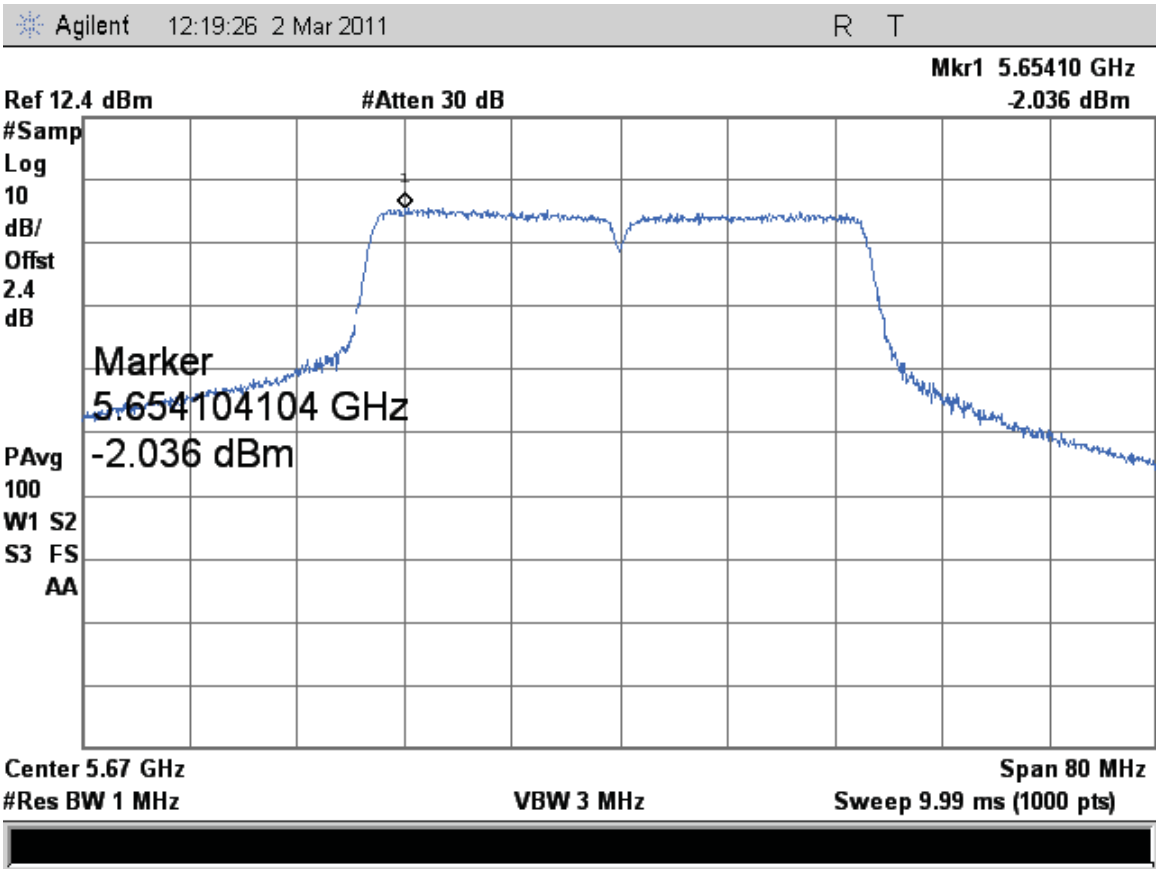


Figure 526: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 0 – 40.5 Mbps

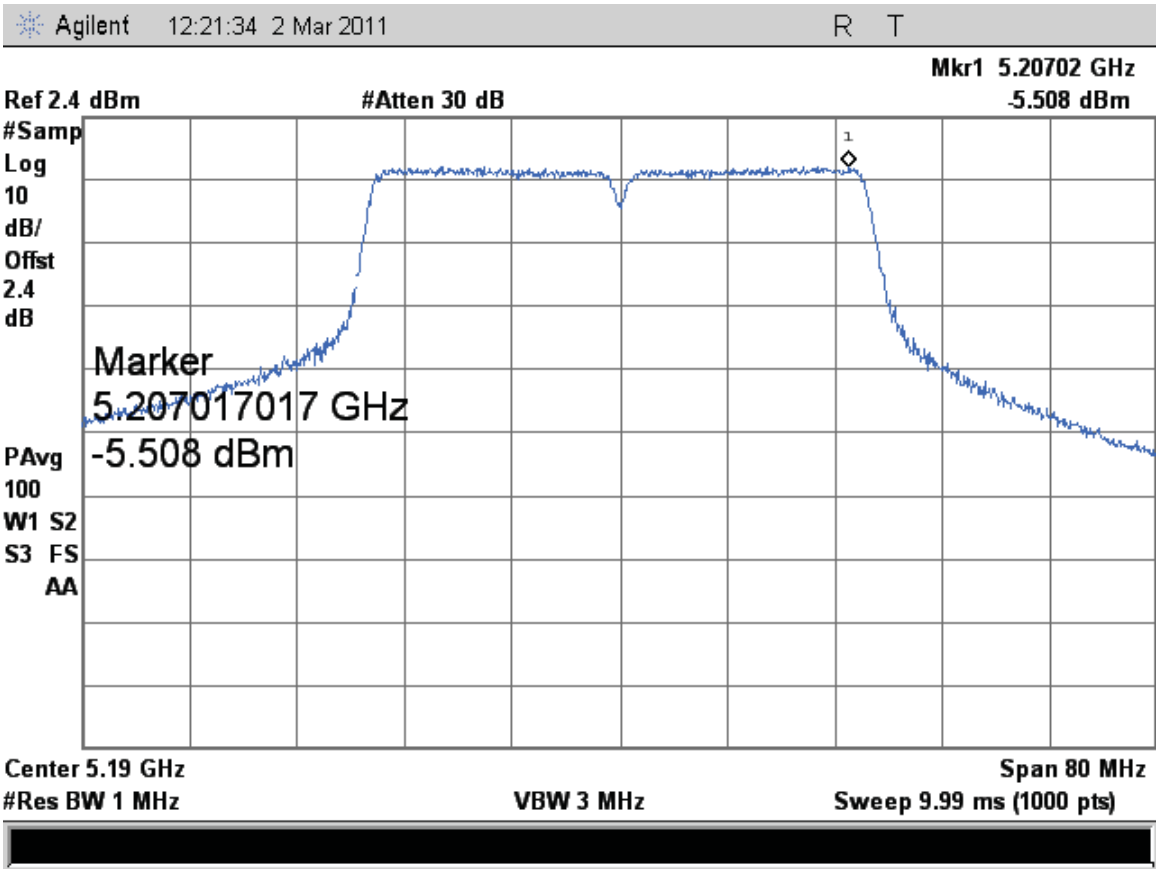


Figure 527: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

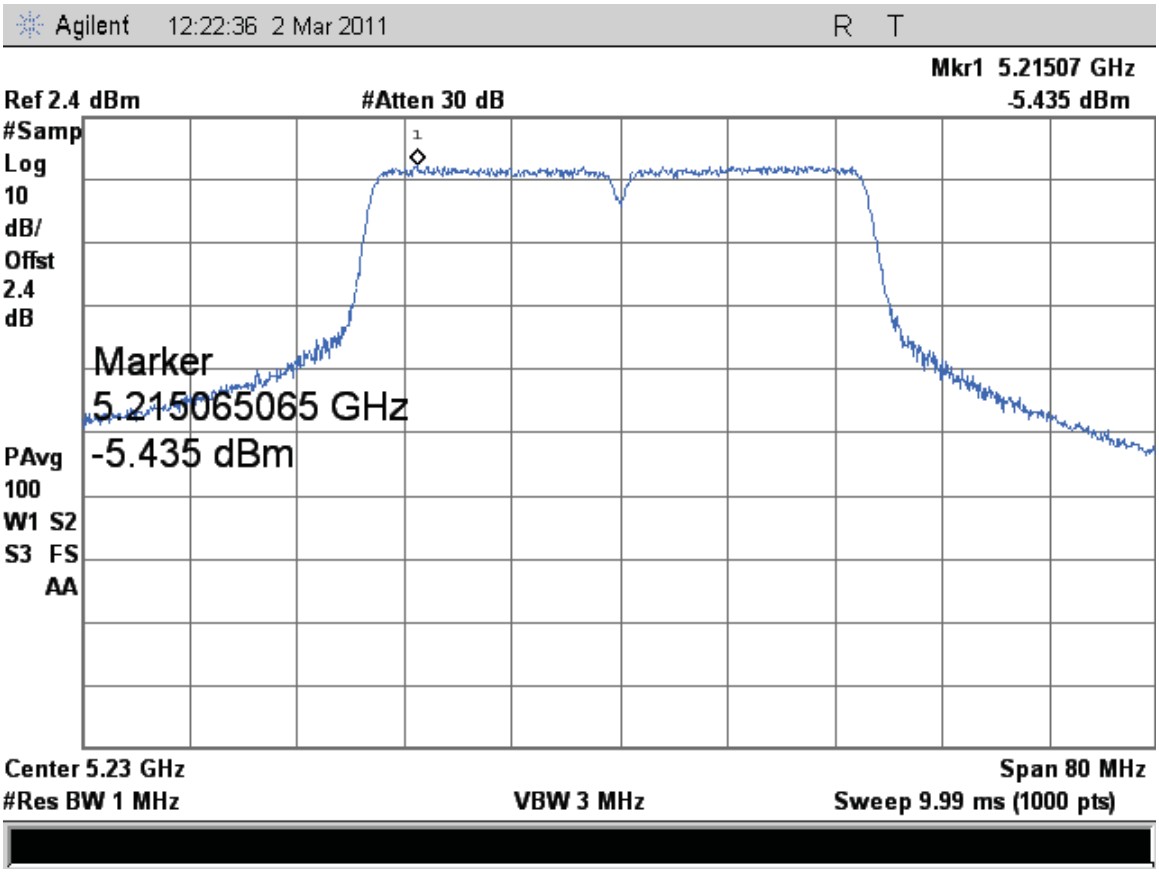


Figure 528: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

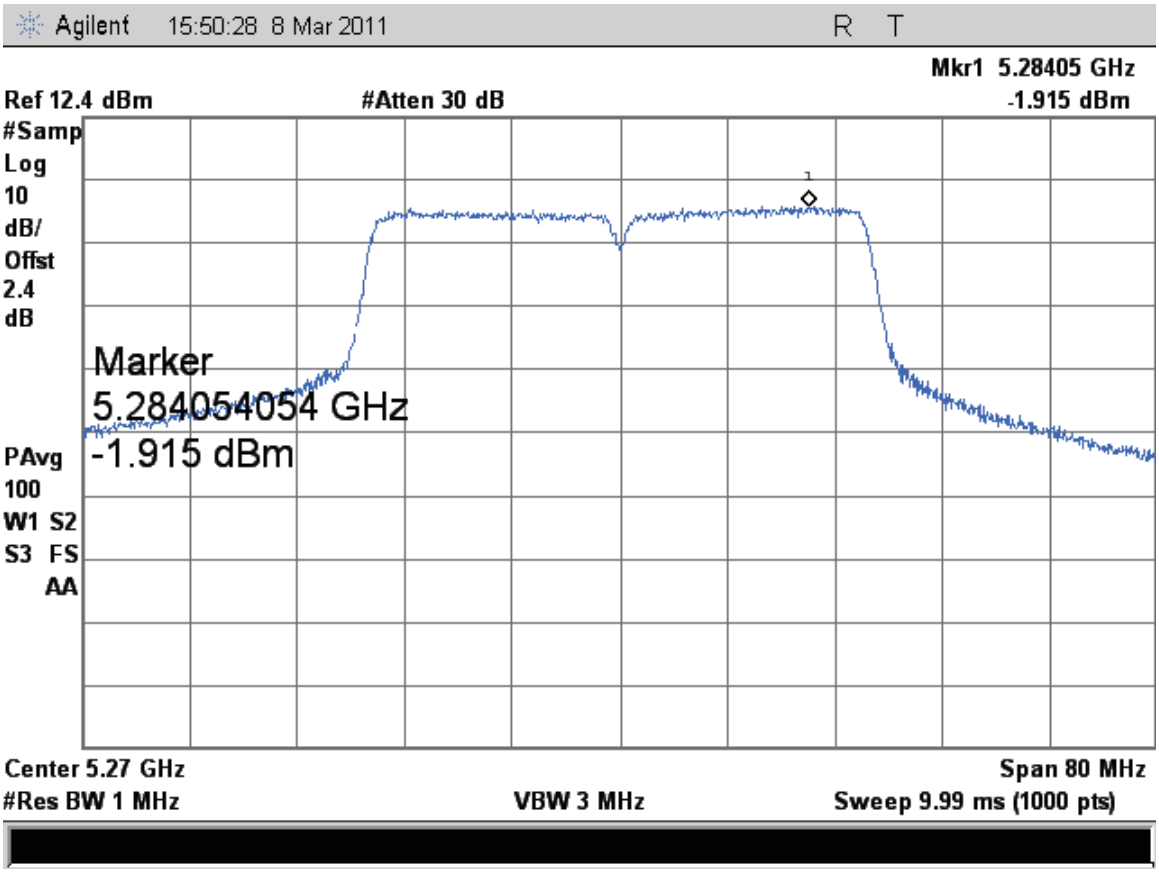


Figure 529: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

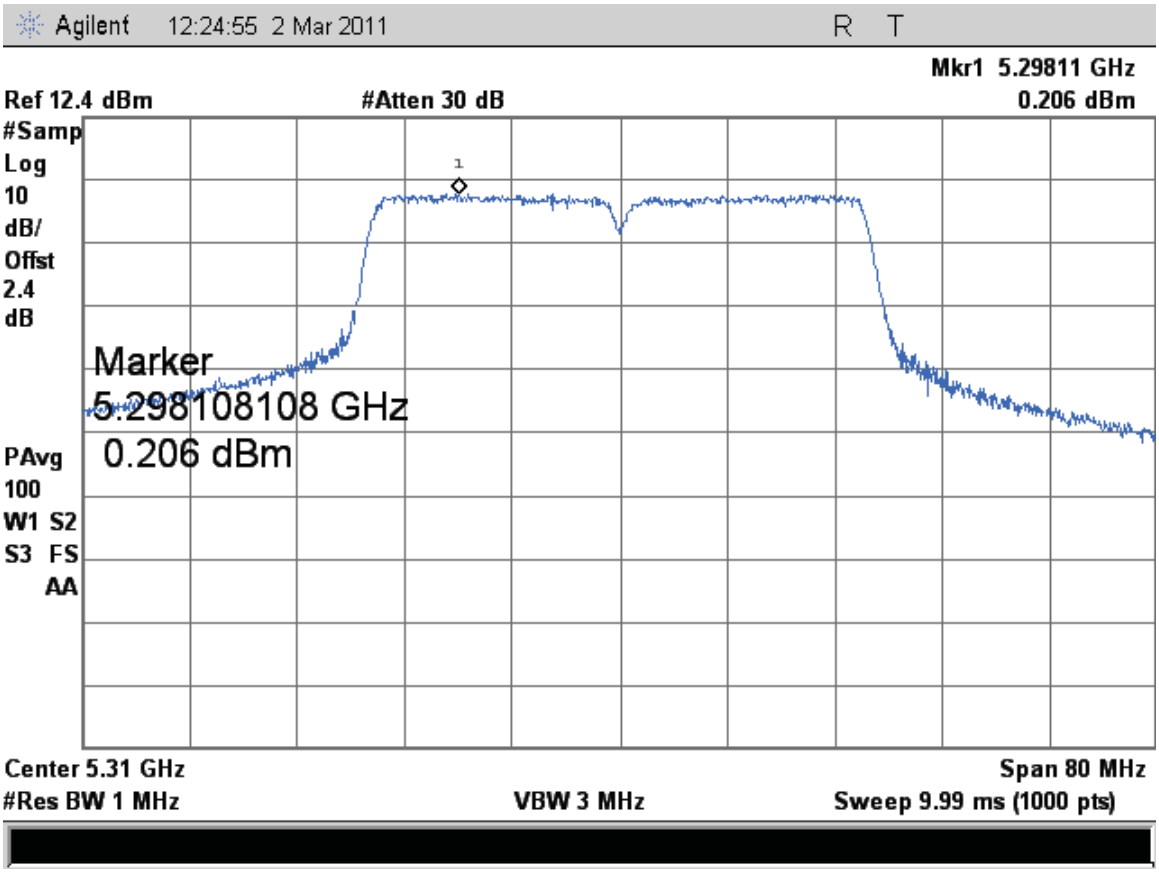


Figure 530: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

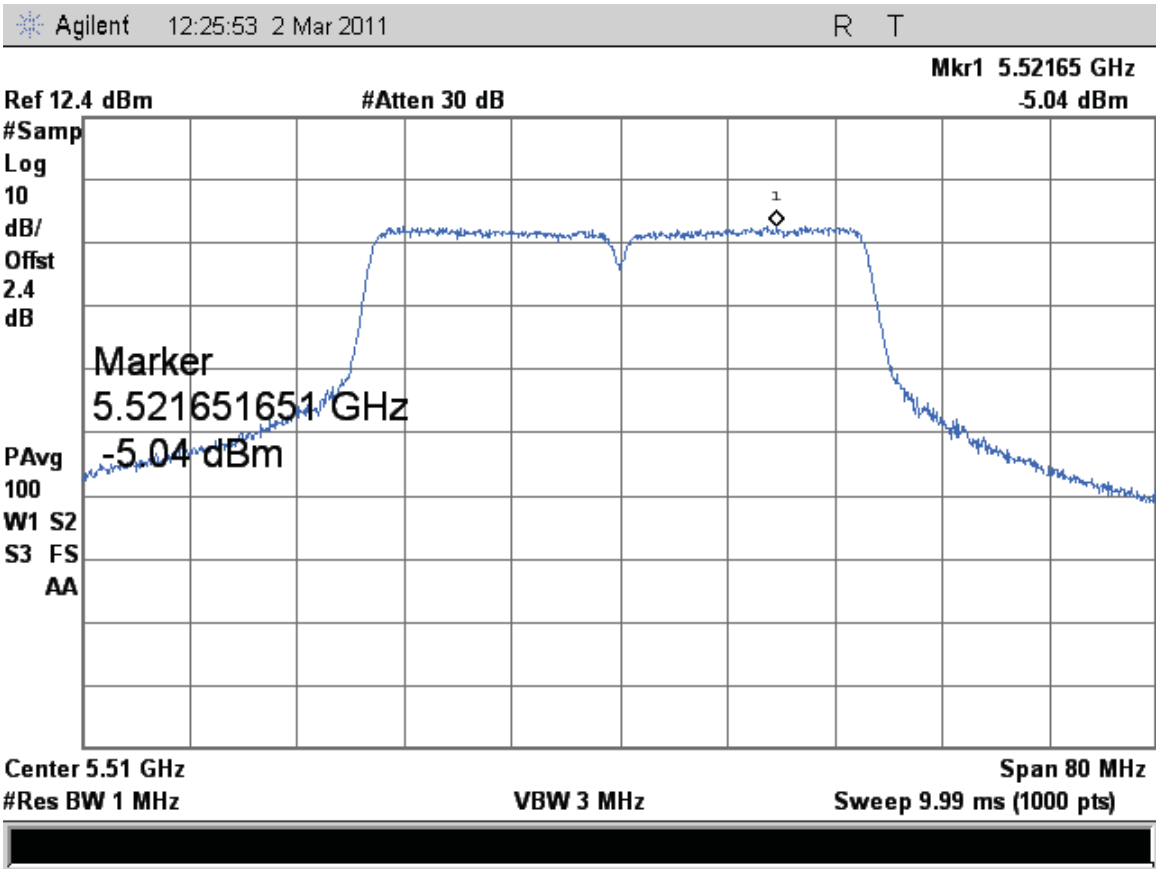


Figure 531: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

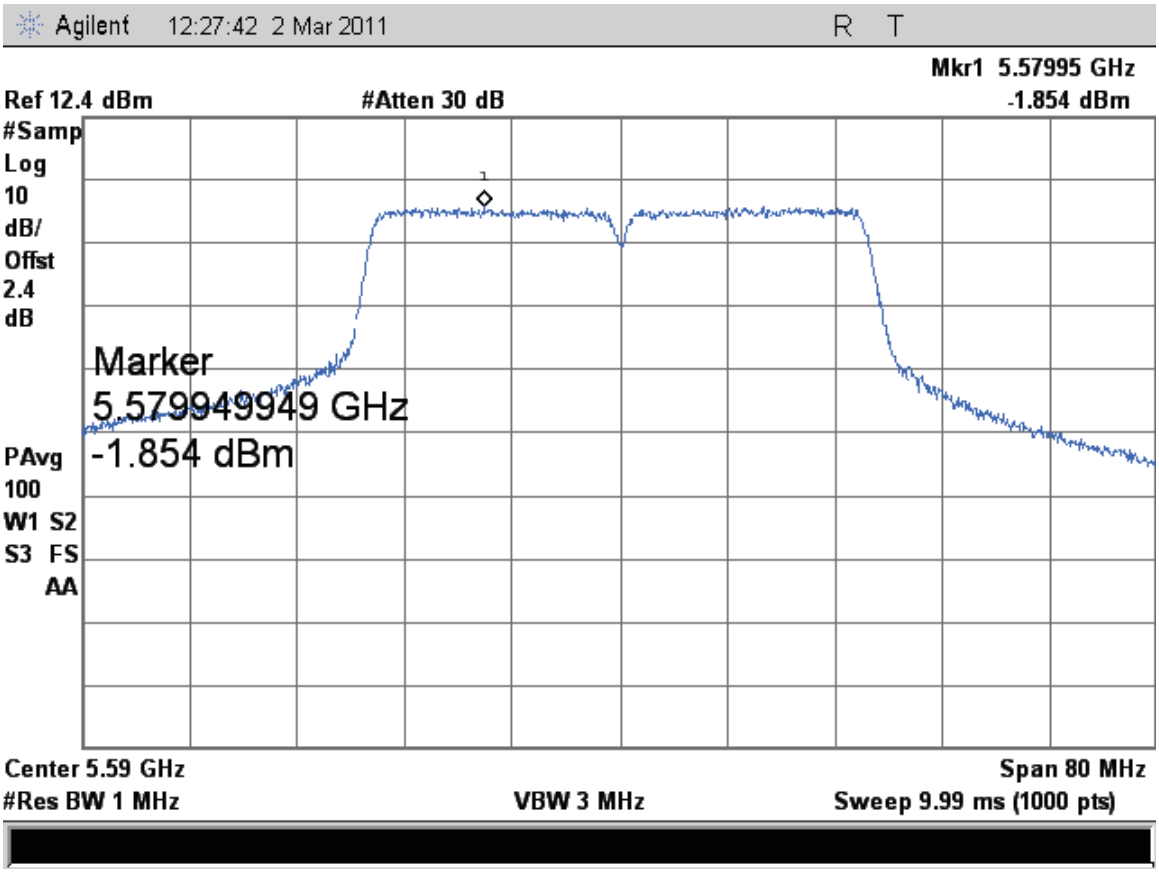


Figure 532: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

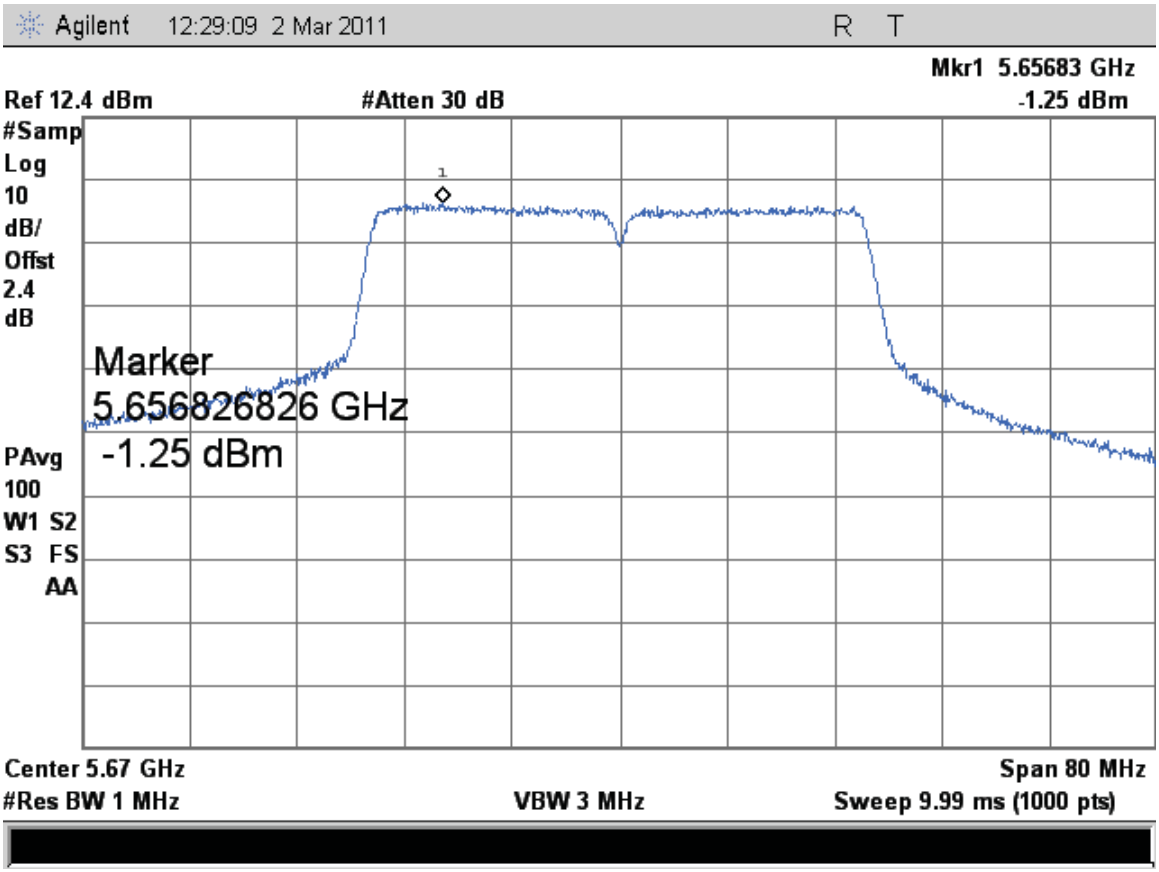


Figure 533: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 1 – 40.5 Mbps

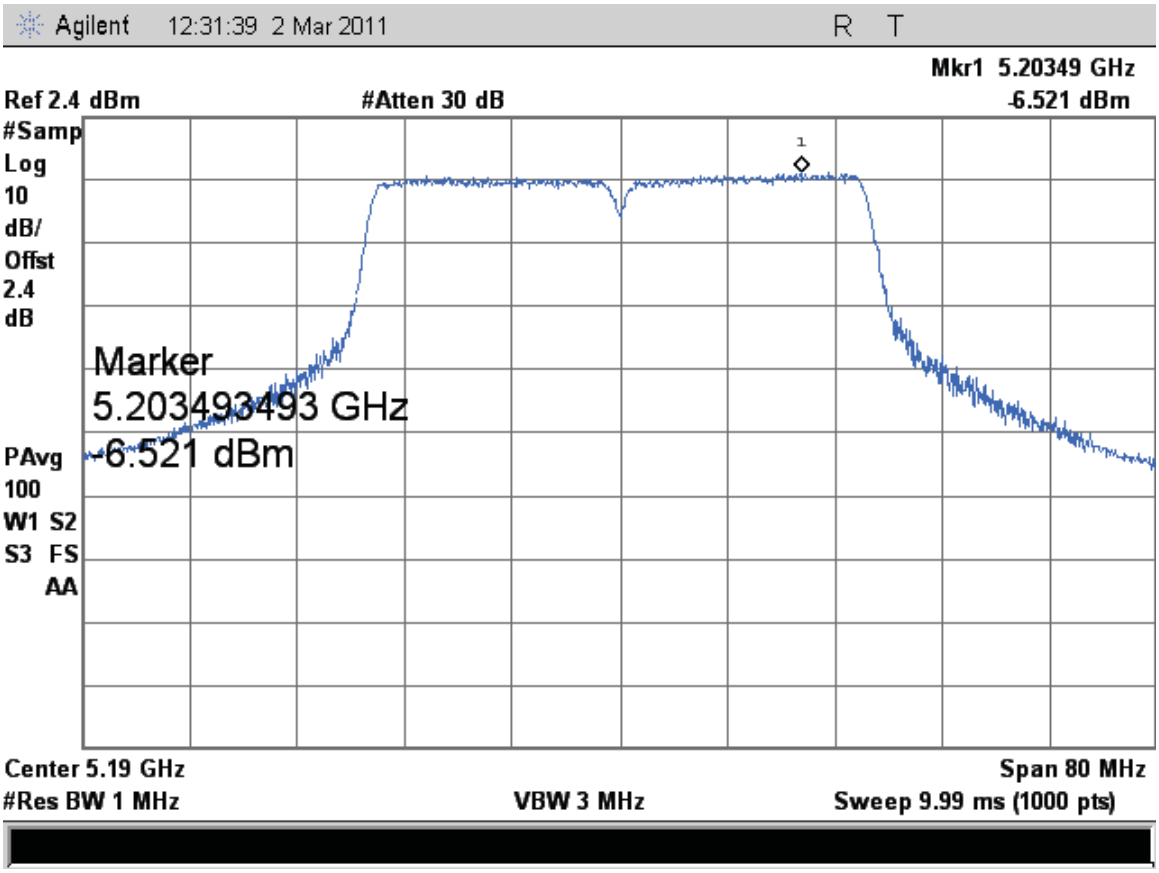


Figure 534: Peak Power Spectral Density, 5190 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

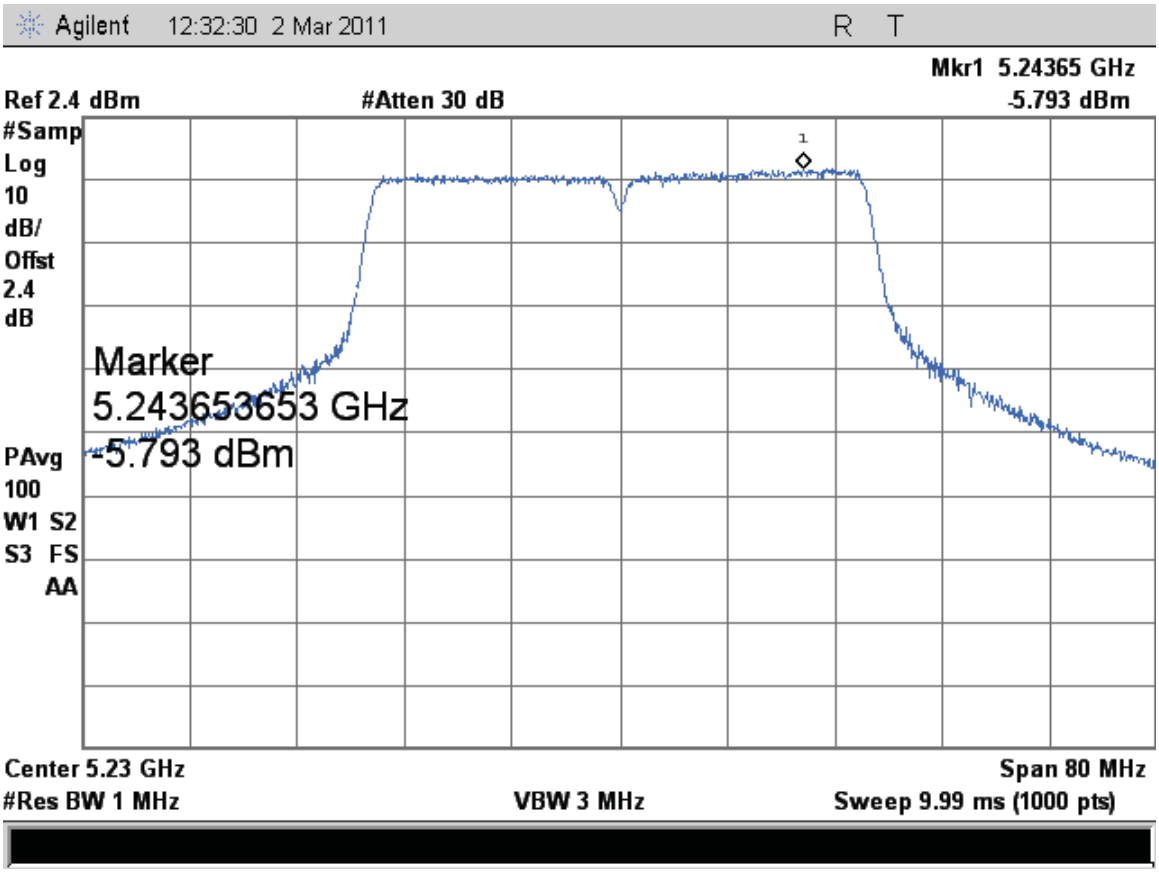


Figure 535: Peak Power Spectral Density, 5230 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

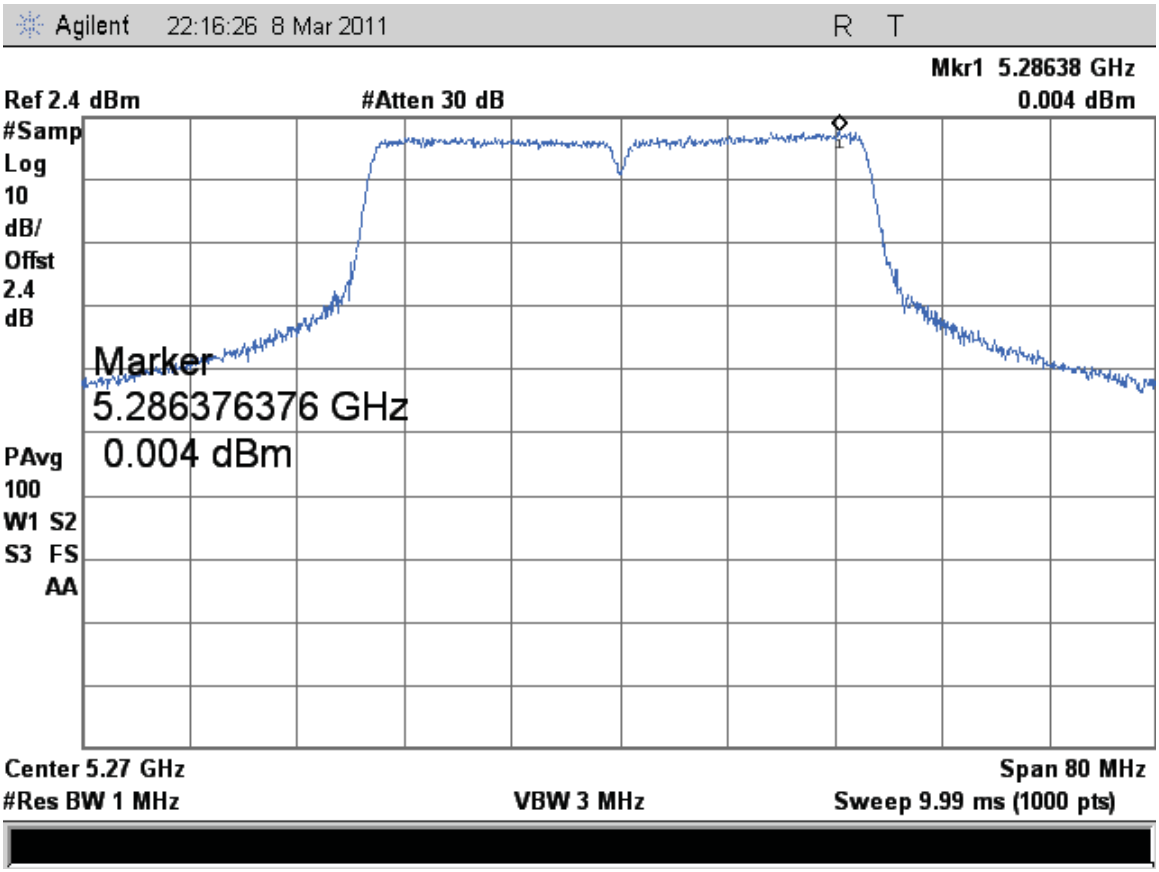


Figure 536: Peak Power Spectral Density, 5270 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

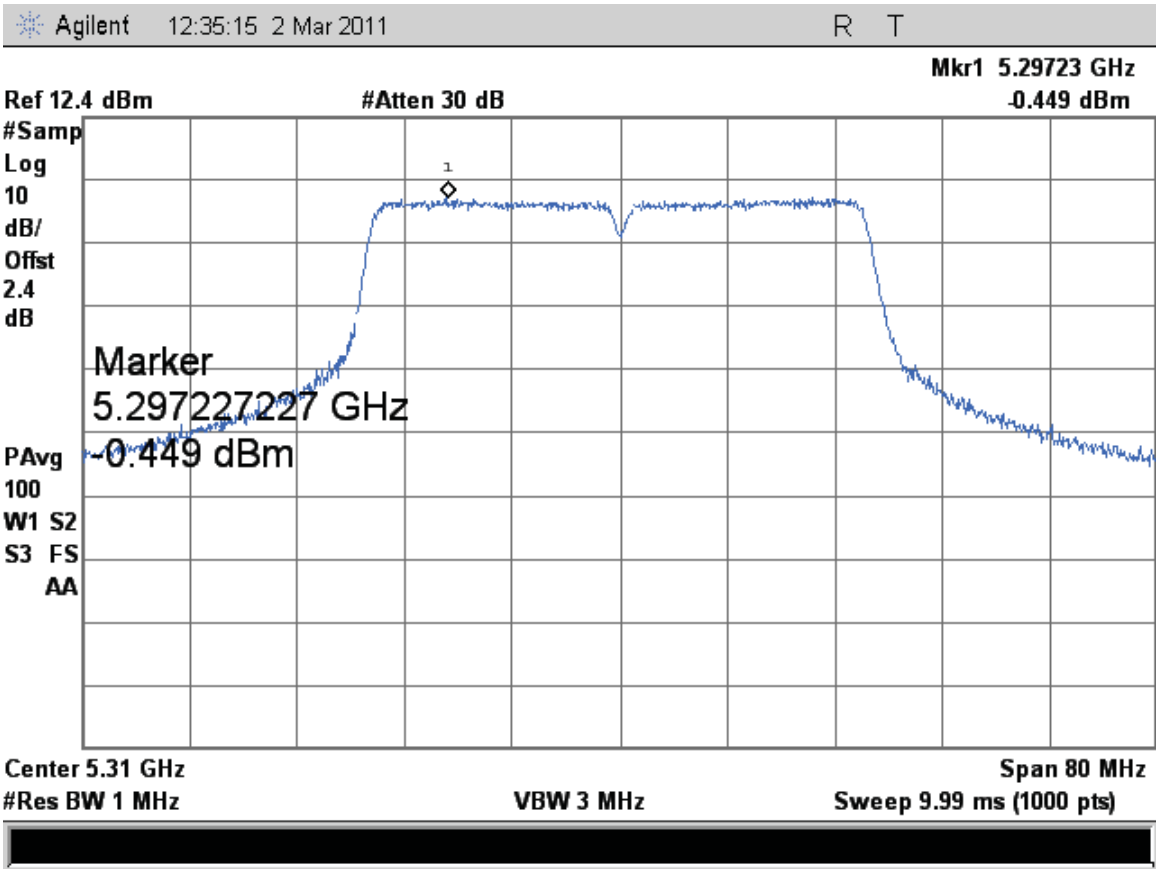


Figure 537: Peak Power Spectral Density, 5310 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

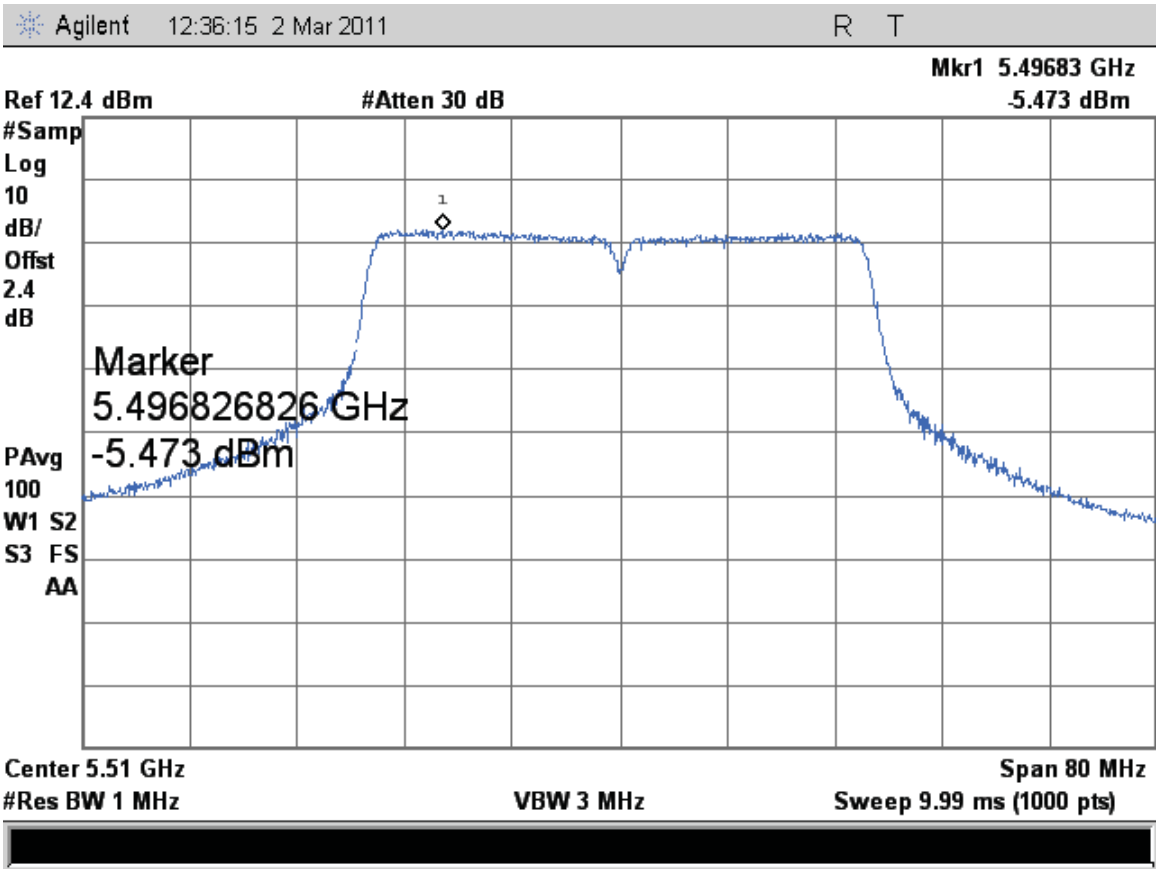


Figure 538: Peak Power Spectral Density, 5510 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

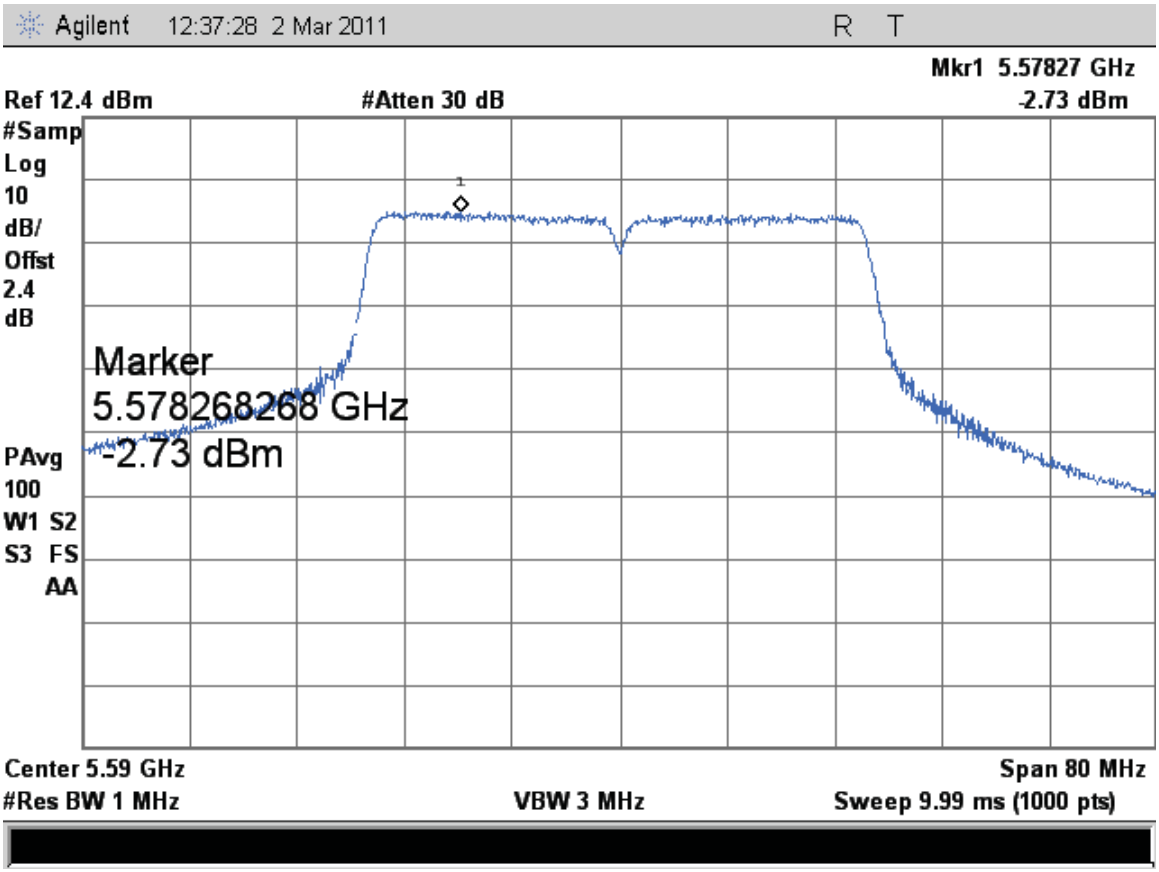


Figure 539: Peak Power Spectral Density, 5590 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

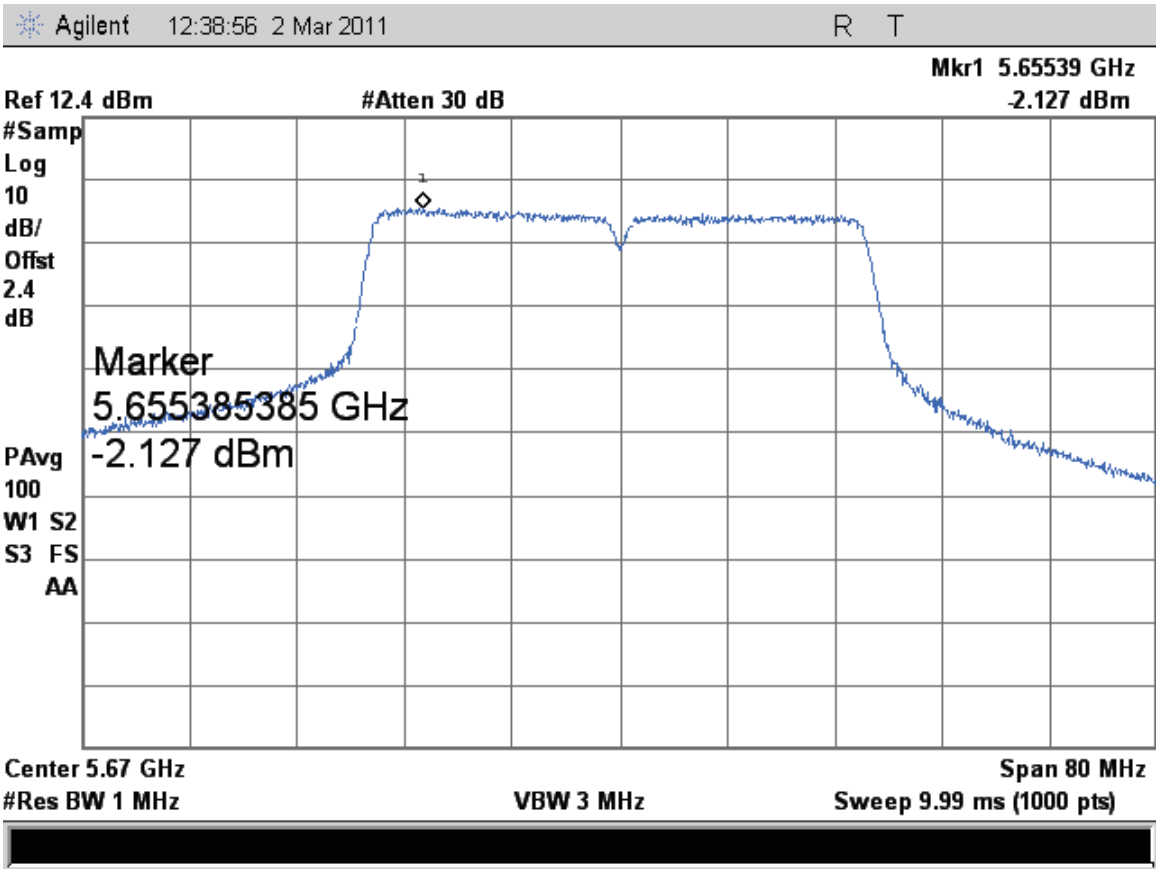


Figure 540: Peak Power Spectral Density, 5670 MHz at 802.11n (HT40), Chain 2 – 40.5 Mbps

4.5 Transmitter Spurious Emissions

Transmitter spurious emissions are emissions outside the frequency range of the equipment when the equipment is in transmit mode; per requirement of CFR47 15.205, 15.209, 15.407(b), RSS 210 Sect. A.9.2

4.5.1 Test Methodology

4.5.1.1 Preliminary Test

A test program that controls instrumentation and data logging was used to automate the preliminary RF emission test procedure. The frequency range of interest was divided into sub-ranges to yield a frequency resolution of approximately 120 kHz and provide a reading at each frequency for no more than 12° of turntable rotation. For each frequency sub-range the turntable was rotated 360° while peak emission data was recorded and plotted over the frequency range of interest in horizontal and vertical antenna polarization's.

Preliminary emission profile testing was performed inside the anechoic chamber. The EUT was placed on a 1.0m x 1.5m non-conductive table 80cm above the floor. The EUT was positioned as shown in the setup photographs. The receiving antenna was placed at a distance of 3m at a fixed height of 1m. Measurement equipment was located outside of the chamber. A video camera was placed inside the chamber to view the EUT.

Pres-scans were performed to determine the worst axis, data rate/ chains.

4.5.1.2 Final Test

For each frequency measured, the peak emission was maximized by manipulating the receiving antenna from 1 to 4 meters above the ground plane and placing it at the position that produced the maximum signal strength reading. The turntable was then rotated through 360° while observing the peak signal and placing the EUT at the position that produced maximum radiation. The six highest emissions relative to the limit were measured unless such emissions were more than 20 dB below the limit. If less than six emissions are within 20 dB of the limit, than the noise level of the receiver is measured at frequencies where emissions are expected. Multiples of all oscillator and microprocessor frequencies were also checked.

Final testing was performed on an NSA compliant test site. The EUT was placed on a 1.0m x 1.5m non-conductive table 80cm above the ground plane. The placement of EUT and cables were the same as for preliminary testing and is shown in the setup photographs.

The final scans performed on the worst axis, Y-Axis, for three operating channels;

6 Mbit/s for 802.11a mode: 5180 MHz, 5220 MHz, 5240 MHz, 5260 MHz, 5300 MHz, 5320 MHz, 5500 MHz, 5600 MHz, and 5700 MHz.

6.5 Mbit/s for 802.11n HT20 Mode: 5180 MHz, 5220 MHz, 5240 MHz, 5260 MHz, 5300 MHz, 5320 MHz, 5500 MHz, 5600 MHz, and 5700 MHz.

40.5 Mbit/s for 802.11n HT40 Mode: 5180 MHz, 5220 MHz, 5240 MHz, 5260 MHz, 5300 MHz, 5320 MHz, 5500 MHz, 5600 MHz, and 5700 MHz.

4.5.1.3 Deviations

None.

4.5.2 Transmitter Spurious Emission Limit

The spurious emissions of the transmitter shall not exceed the values in CFR47 Part 15.205, 15.209: 2009 and RSS 210 A1.1.2 2007.

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100 **	3
88-216	150 **	3
216-960	200 **	3
Above 960	500	3

According to CFR47 15.407 (b), all harmonics and spurious emissions which are outside the 5150 MHz - 5250 MHz, 5250 MHz – 5350 MHz, or 5470 MHz – 5725MHz shall not exceed -27 dBm/MHz. This is equivalent to 68.2 dBuV/m at 3 meter distance.

4.5.3 Test Results

The final measurement data was taken under the worst case operating modes, configurations, and/or cable positions. It also reflects the results including any modifications and/or special accessories listed in Sections 1.4 and test plan.

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

Table 6: Transmit Spurious Emission at Band-Edge Requirements

Test Conditions: Radiated Measurement, Normal Temperature and Voltage only							
Antenna Type: Integrated			**Power Setting:** See test plan				
Max. Antenna Gain: + 3.2 dBi			**Signal State:** Modulated at 100%				
Ambient Temp.: 22 °C			**Relative Humidity:**34%				
Band-Edge Results							
Operating Channel	**Mode**	**Polarity**	**Pk Plots #**	**Peak Limit**	**Ave. Plots #**	**Ave. Limit**	**Result**
5180 MHz	802.11a	Horz.	541	74.00	542	54.00	Pass
5180 MHz	802.11a	Vert.	543	74.00	544	54.00	Pass
5220 MHz	802.11a	Horz.	545	74.00	546	54.00	Pass
5220 MHz	802.11a	Vert.	547	74.00	548	54.00	Pass
5240 MHz	802.11a	Horz.	549	74.00	550	54.00	Pass
5240 MHz	802.11a	Vert.	551	74.00	552	54.00	Pass
5260 MHz	802.11a	Horz.	553	74.00	554	54.00	Pass
5260 MHz	802.11a	Vert.	555	74.00	556	54.00	Pass
5300 MHz	802.11a	Horz.	557	74.00	558	54.00	Pass
5300 MHz	802.11a	Vert.	559	74.00	560	54.00	Pass
5320 MHz	802.11a	Horz.	561	74.00	562	54.00	Pass
5320 MHz	802.11a	Vert.	563	74.00	564	54.00	Pass
5500 MHz	802.11a	Horz.	565	74.00	566	54.00	Pass
5500 MHz	802.11a	Vert.	567	74.00	568	54.00	Pass
5600 MHz	802.11a	Horz.	569	74.00	570	54.00	Pass
5600 MHz	802.11a	Vert.	571	74.00	572	54.00	Pass
5700 MHz	802.11a	Horz.	573	74.00	574	54.00	Pass
5700 MHz	802.11a	Vert.	575	74.00	576	54.00	Pass
5180 MHz	802.11n (HT20)	Horz.	577	74.00	578	54.00	Pass

5180 MHz	802.11n (HT20)	Vert.	579	74.00	580	54.00	Pass
5220 MHz	802.11n (HT20)	Horz.	581	74.00	582	54.00	Pass
5220 MHz	802.11n (HT20)	Vert.	583	74.00	584	54.00	Pass
5240 MHz	802.11n (HT20)	Horz.	585	74.00	586	54.00	Pass
5240 MHz	802.11n (HT20)	Vert.	587	74.00	588	54.00	Pass
5260 MHz	802.11n (HT20)	Horz.	589	74.00	590	54.00	Pass
5260 MHz	802.11n (HT20)	Vert.	591	74.00	592	54.00	Pass
5300 MHz	802.11n (HT20)	Horz.	593	74.00	594	54.00	Pass
5300 MHz	802.11n (HT20)	Vert.	595	74.00	596	54.00	Pass
5320 MHz	802.11n (HT20)	Horz.	597	74.00	598	54.00	Pass
5320 MHz	802.11n (HT20)	Vert.	599	74.00	600	54.00	Pass
5500 MHz	802.11n (HT20)	Horz.	601	74.00	602	54.00	Pass
5500 MHz	802.11n (HT20)	Vert.	603	74.00	604	54.00	Pass
5600 MHz	802.11n (HT20)	Horz.	605	74.00	606	54.00	Pass
5600 MHz	802.11n (HT20)	Vert.	607	74.00	608	54.00	Pass
5700 MHz	802.11n (HT20)	Horz.	609	74.00	610	54.00	Pass
5700 MHz	802.11n (HT20)	Vert.	611	74.00	612	54.00	Pass
5190 MHz	802.11n (HT40)	Horz.	613	74.00	614	54.00	Pass
5190 MHz	802.11n (HT40)	Vert.	615	74.00	616	54.00	Pass
5230 MHz	802.11n (HT40)	Horz.	617	74.00	618	54.00	Pass
5230 MHz	802.11n (HT40)	Vert.	619	74.00	620	54.00	Pass
5270 MHz	802.11n (HT40)	Horz.	621	74.00	622	54.00	Pass
5270 MHz	802.11n (HT40)	Vert.	623	74.00	624	54.00	Pass
5310 MHz	802.11n (HT40)	Horz.	625	74.00	626	54.00	Pass
5310 MHz	802.11n (HT40)	Vert.	627	74.00	628	54.00	Pass
5510 MHz	802.11n (HT40)	Horz.	629	74.00	630	54.00	Pass

5510 MHz	802.11n (HT40)	Vert.	631	74.00	632	54.00	Pass
5590 MHz	802.11n (HT40)	Horz.	633	74.00	634	54.00	Pass
5590 MHz	802.11n (HT40)	Vert.	635	74.00	636	54.00	Pass
5670 MHz	802.11n (HT40)	Horz.	637	74.00	638	54.00	Pass
5670 MHz	802.11n (HT40)	Vert.	639	74.00	640	54.00	Pass

Note: 1. All the band-edge measurements met the restricted band requirements of CFR47 15.205.

2. It is also complied with the -27 dBm/MHz (68.2dBuV/m at 3m) requirements as stated in CFR47 15.407 (b) (1) to 15.407 (b) (3).

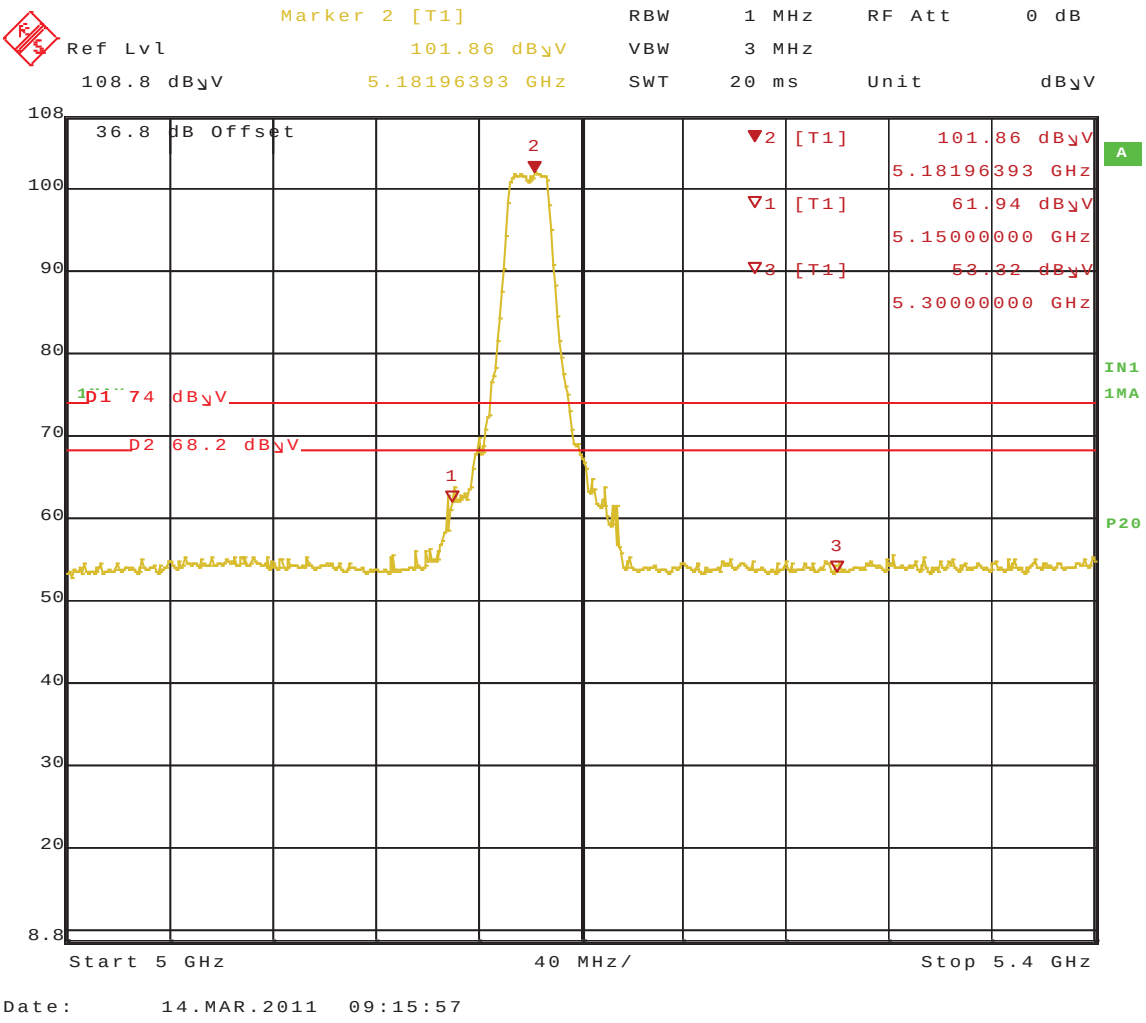


Figure 541: Radiated Emission at the Edge for Channel 5180 MHz at 6Mbps – Horz. (Peak)

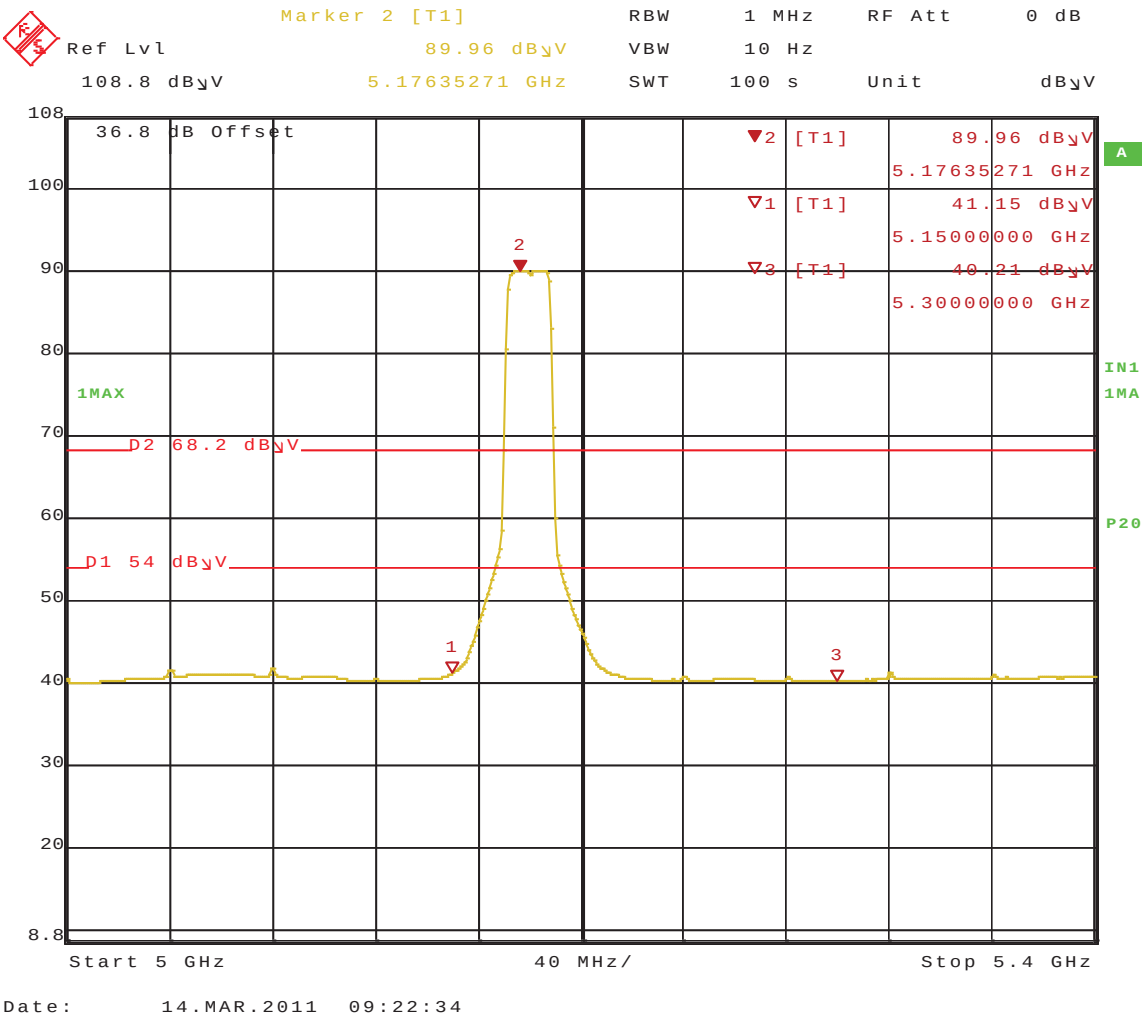


Figure 542: Radiated Emission at the Edge for Channel 5180 MHz at 6Mbps – Horz. (Ave.)

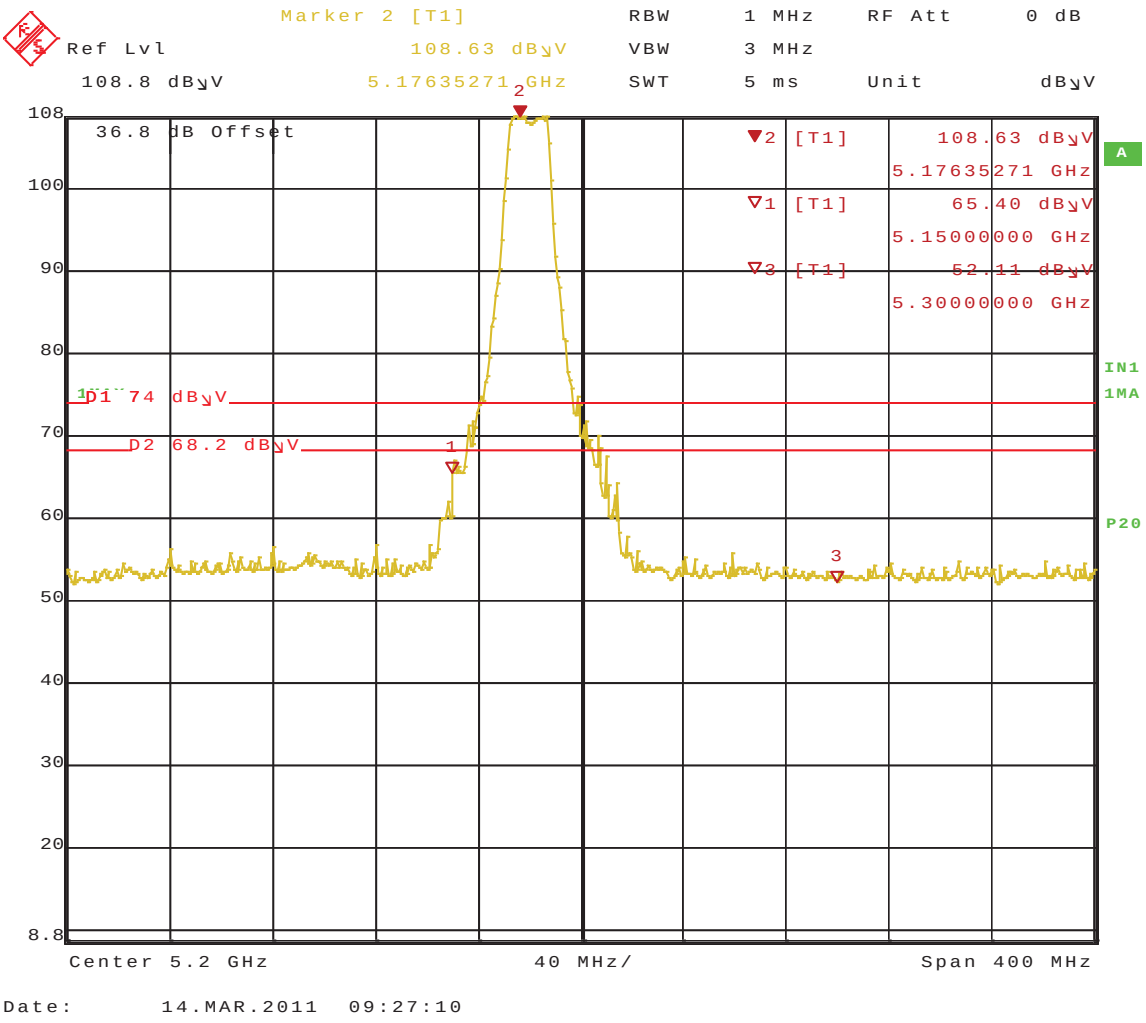


Figure 543: Radiated Emission at the Edge for Channel 5180 MHz at 6Mbps – Vert. (Peak)

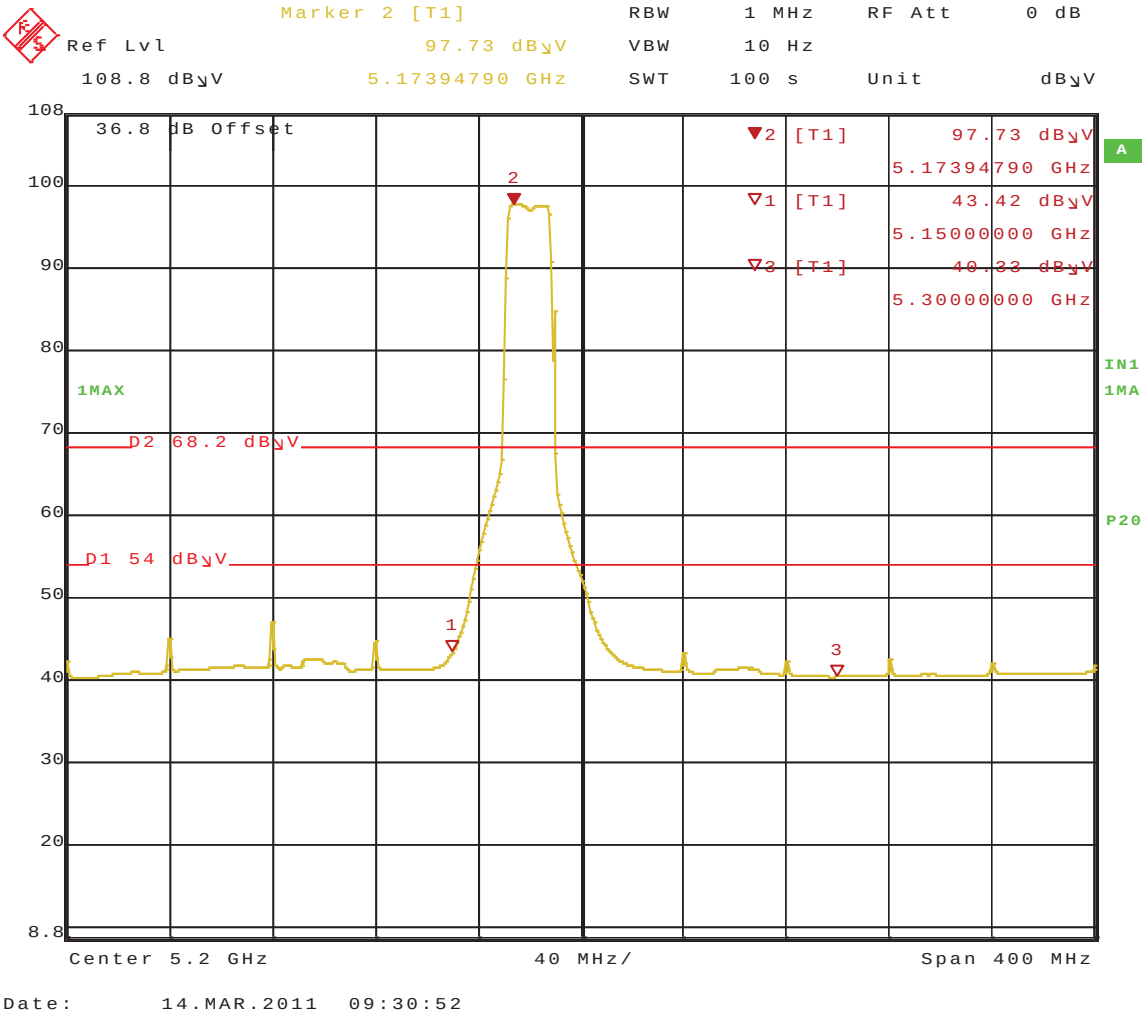


Figure 544: Radiated Emission at the Edge for Channel 5180 MHz at 6Mbps – Vert. (Ave.)

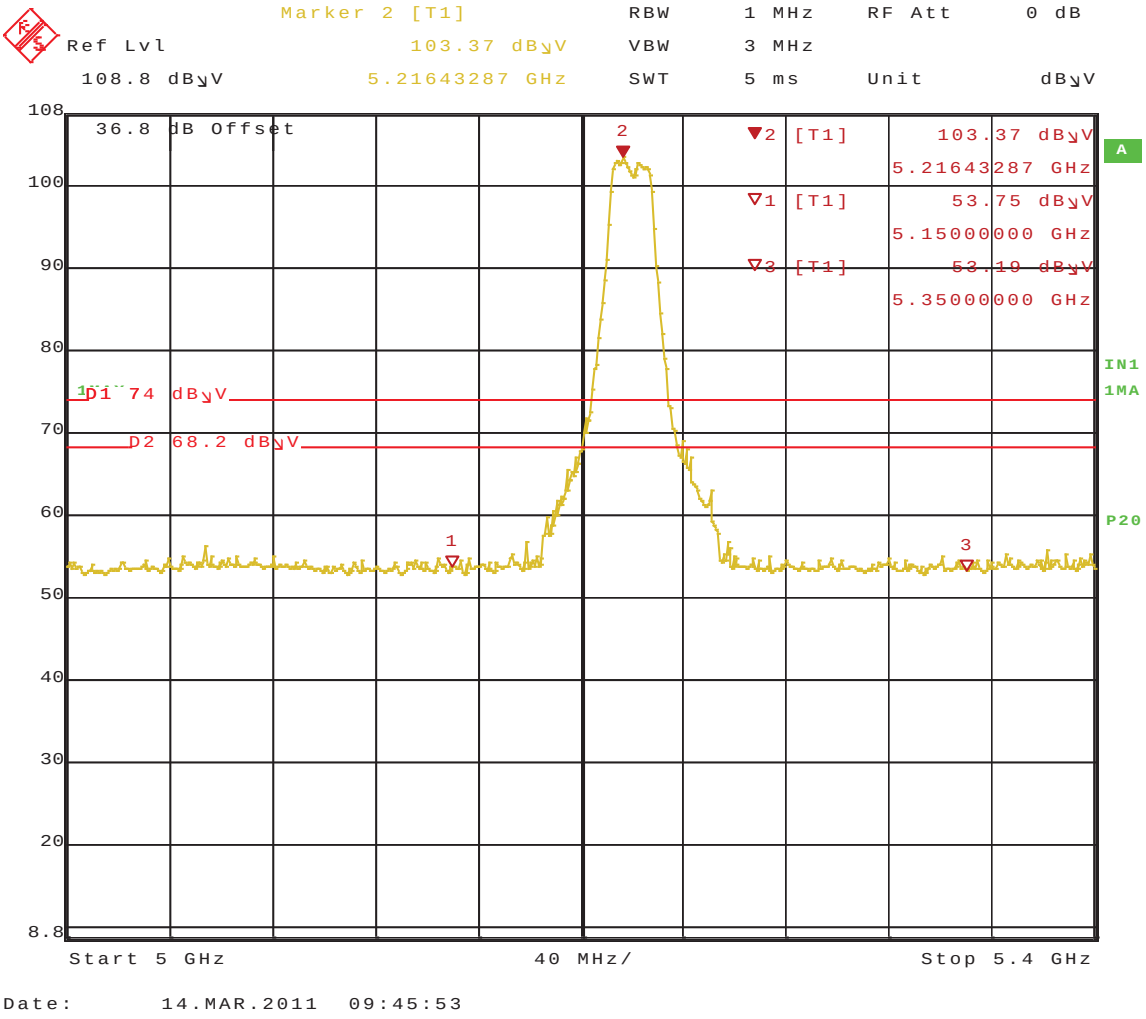


Figure 545: Radiated Emission at the Edge for Channel 5220 MHz at 6Mbps – Horz. (Peak)

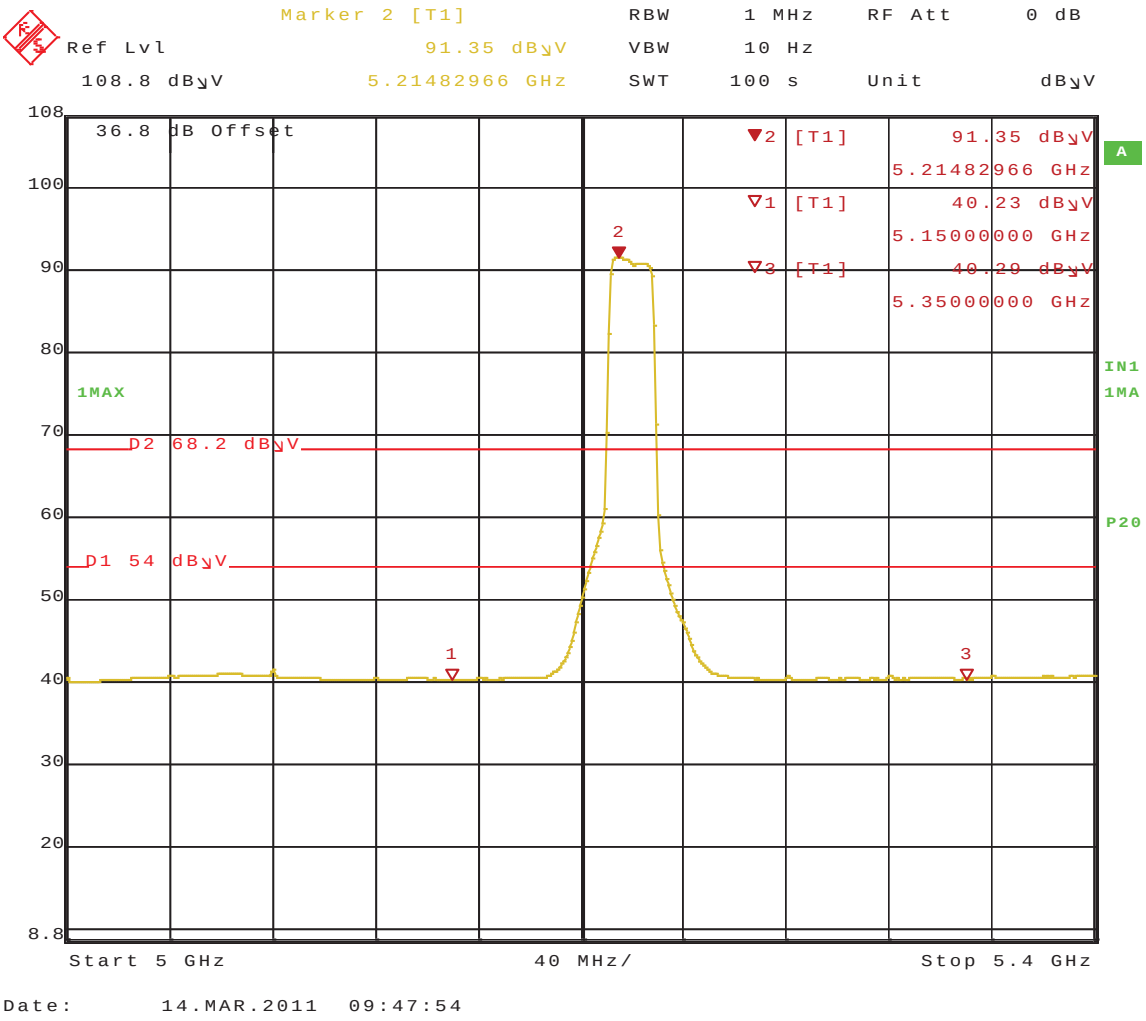


Figure 546: Radiated Emission at the Edge for Channel 5220 MHz at 6Mbps – Horz. (Ave.)

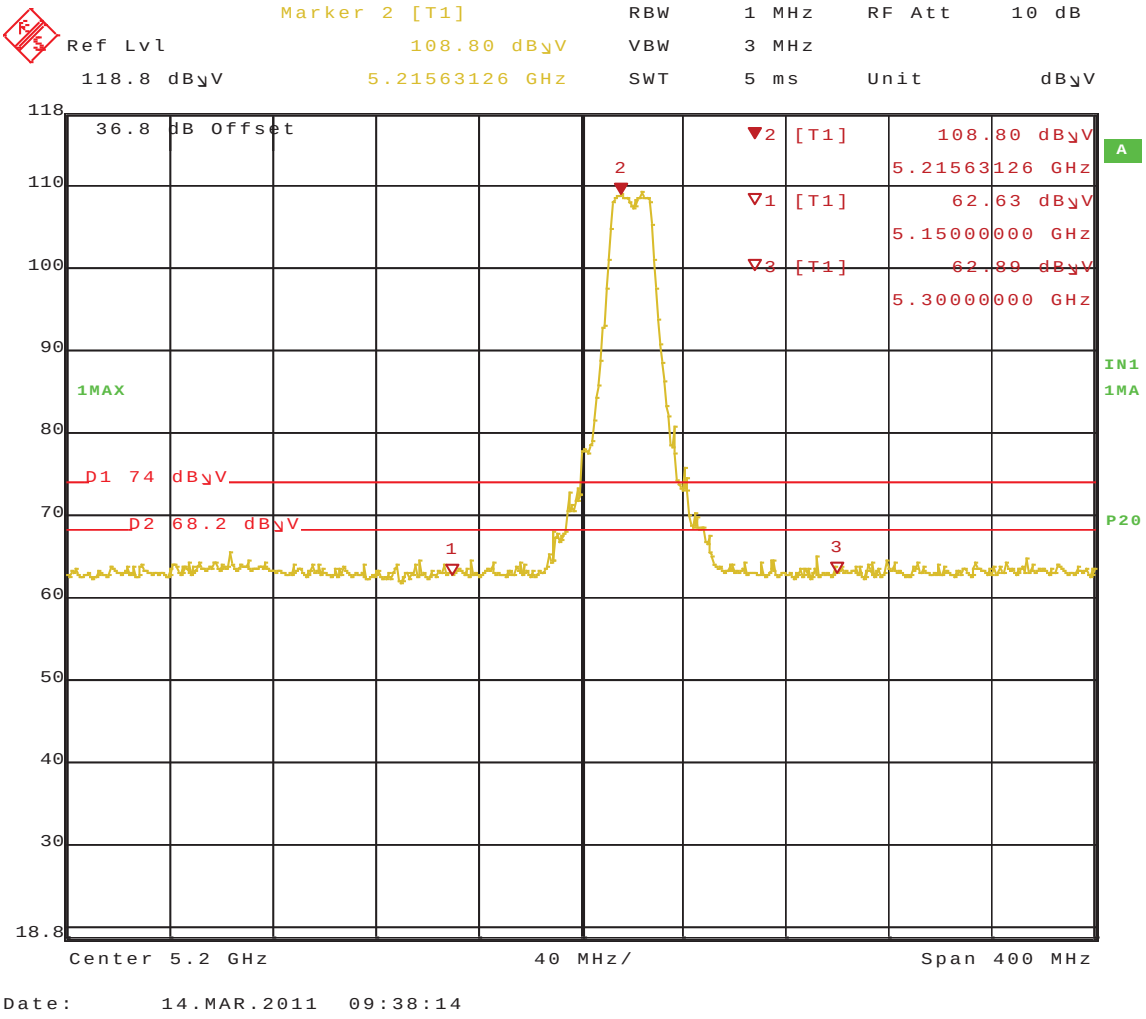


Figure 547: Radiated Emission at the Edge for Channel 5220 MHz at 6Mbps – Vert. (Peak)

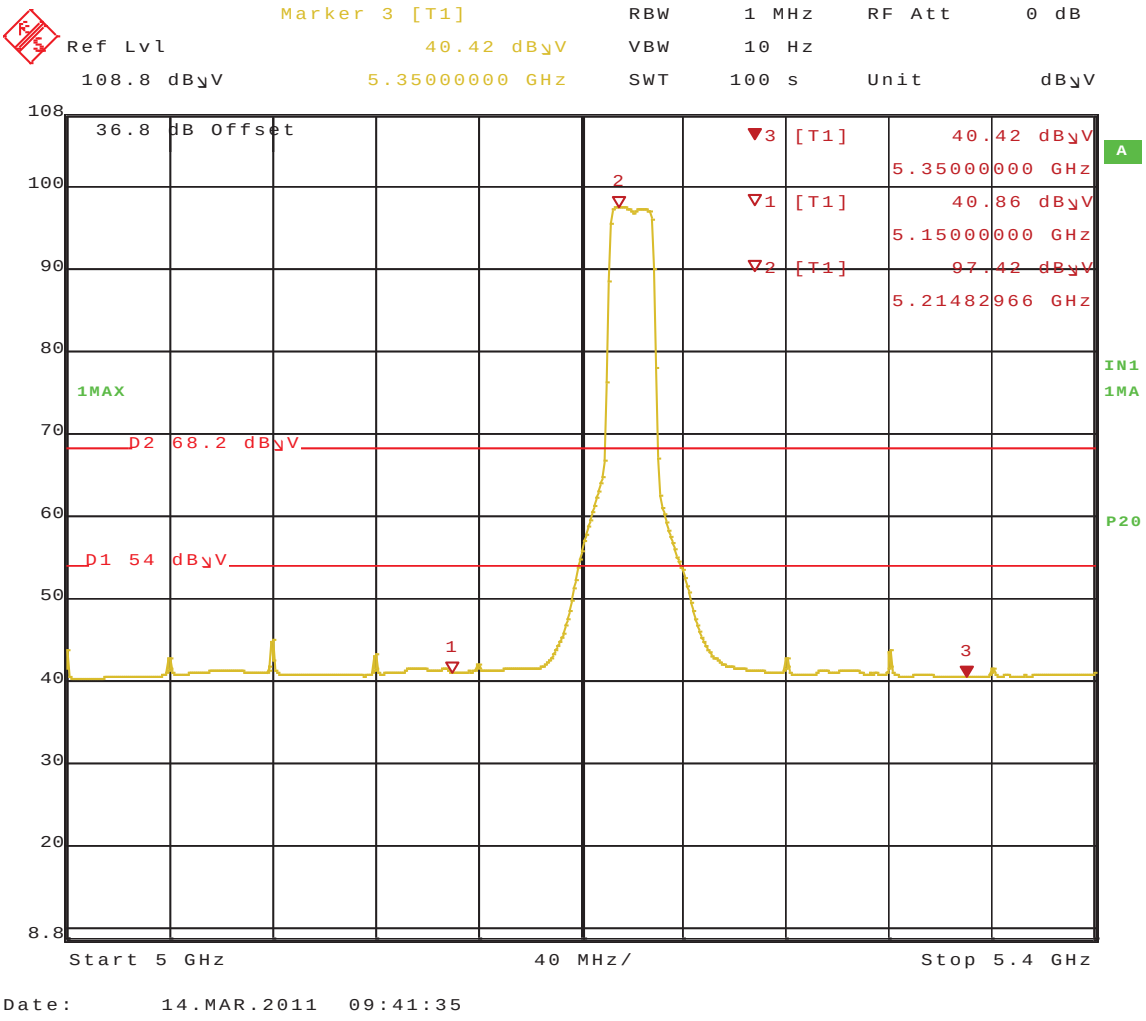


Figure 548: Radiated Emission at the Edge for Channel 5220 MHz at 6Mbps – Vert. (Ave.)

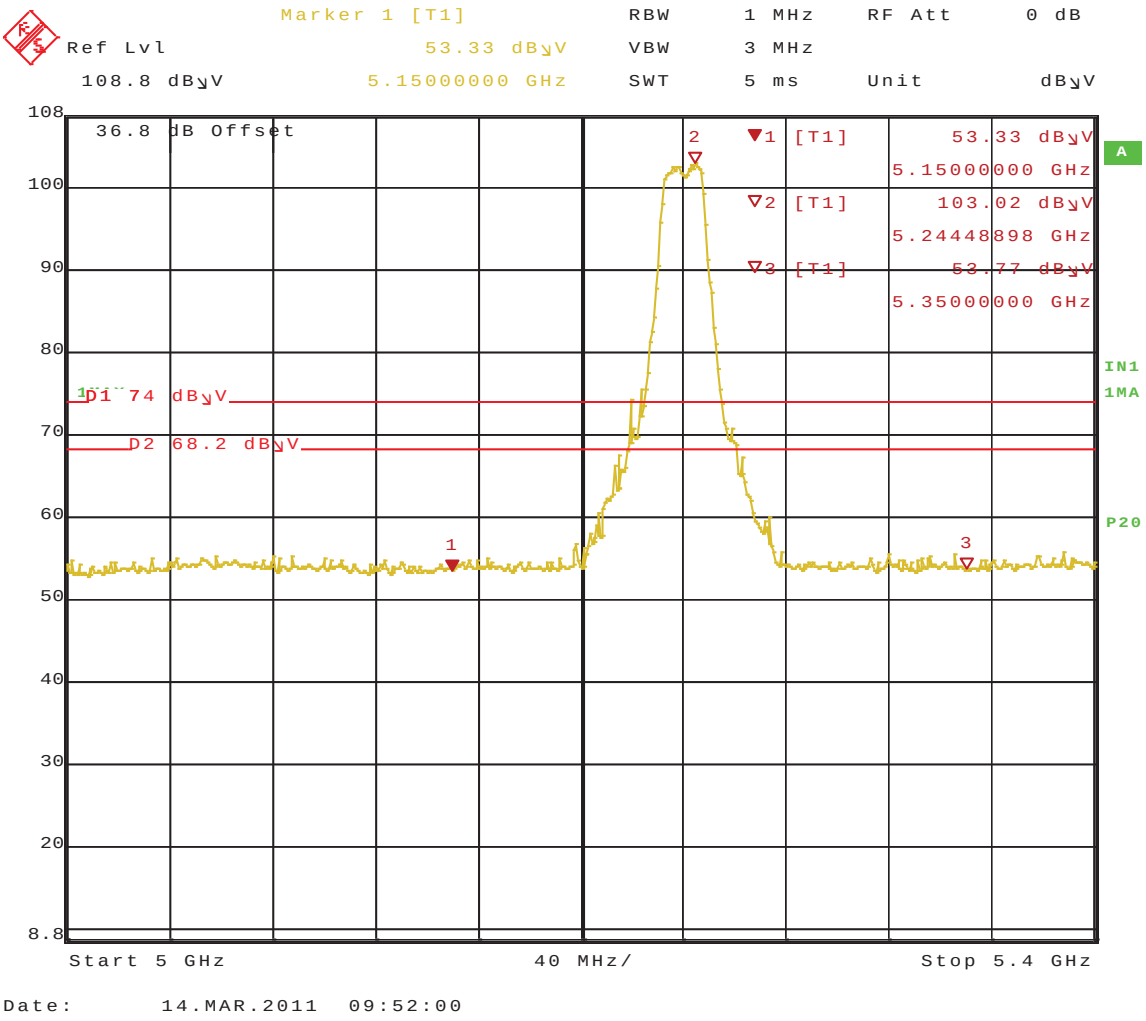


Figure 549: Radiated Emission at the Edge for Channel 5240 MHz at 6Mbps – Horz. (Peak)

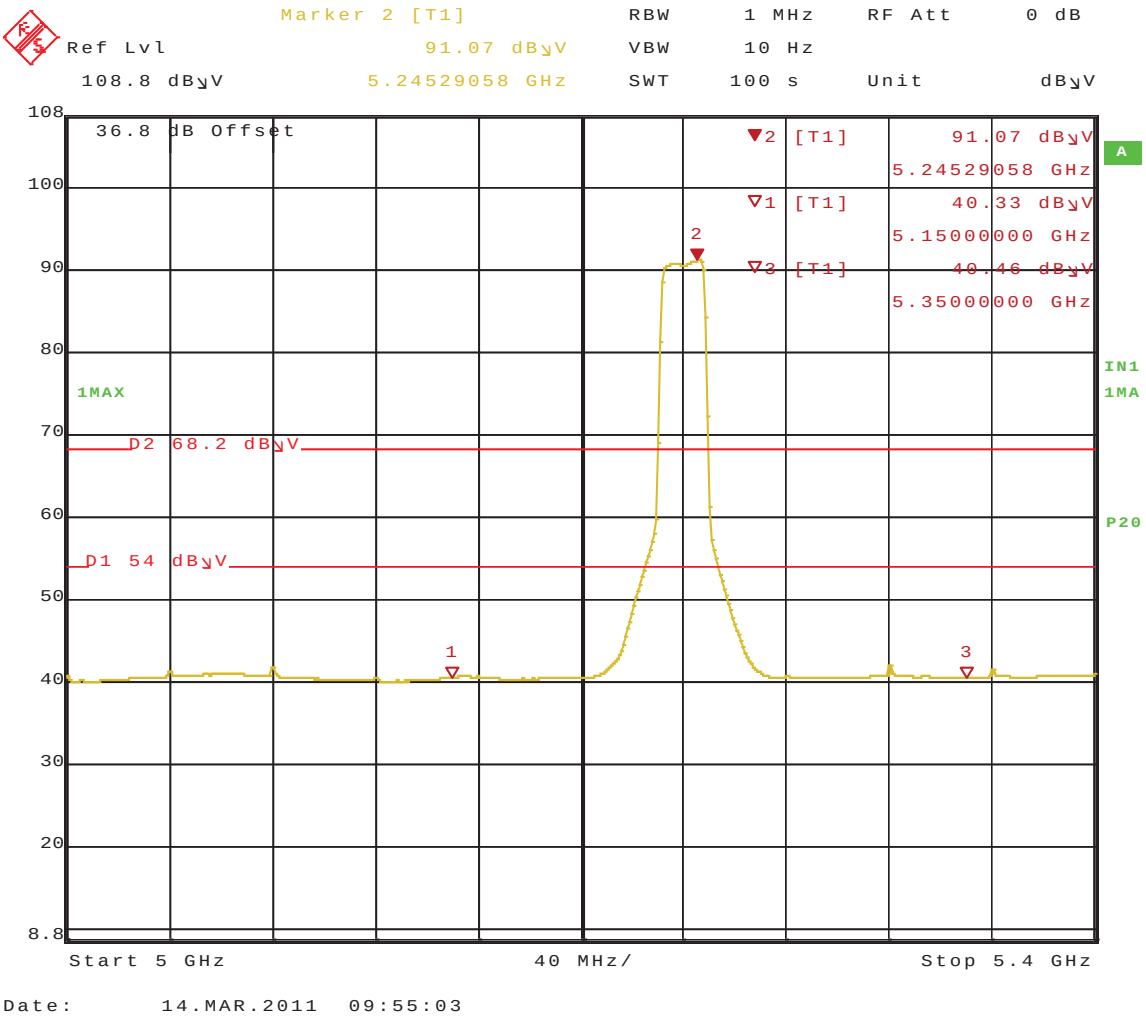


Figure 550: Radiated Emission at the Edge for Channel 5240 MHz at 6Mbps – Horz. (Ave.)

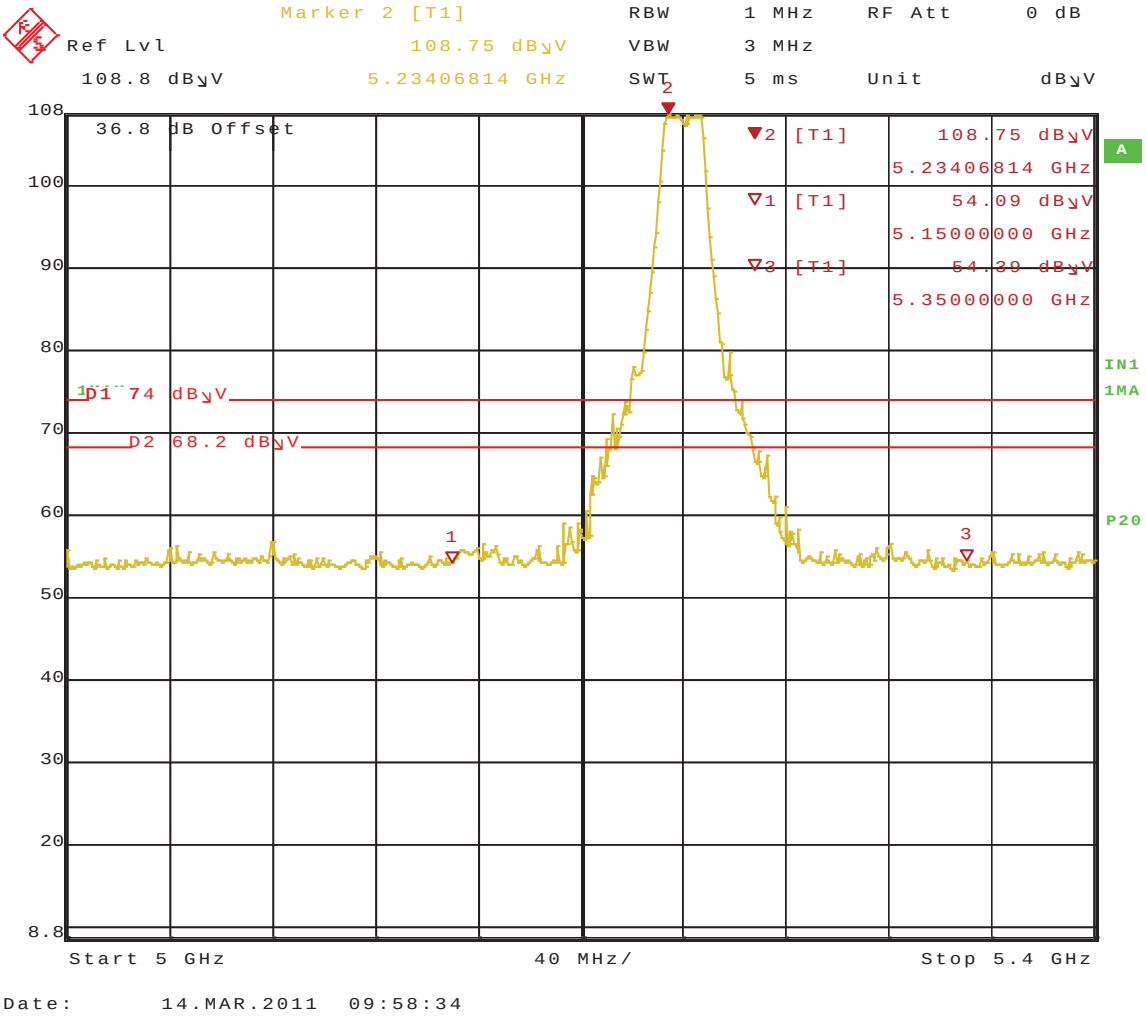


Figure 551: Radiated Emission at the Edge for Channel 5240 MHz at 6Mbps – Vert. (Peak)

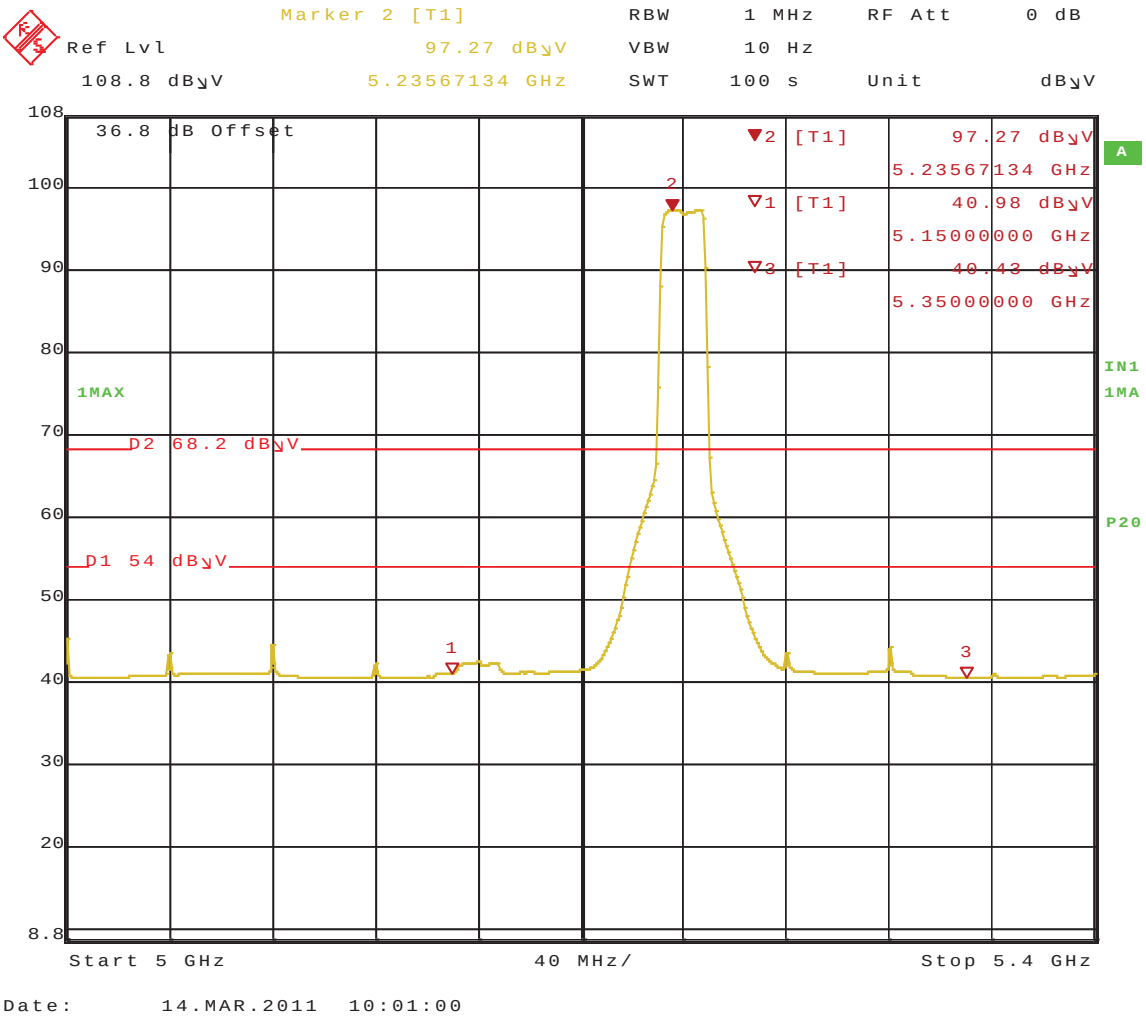


Figure 552: Radiated Emission at the Edge for Channel 5240 MHz at 6Mbps – Vert. (Ave.)

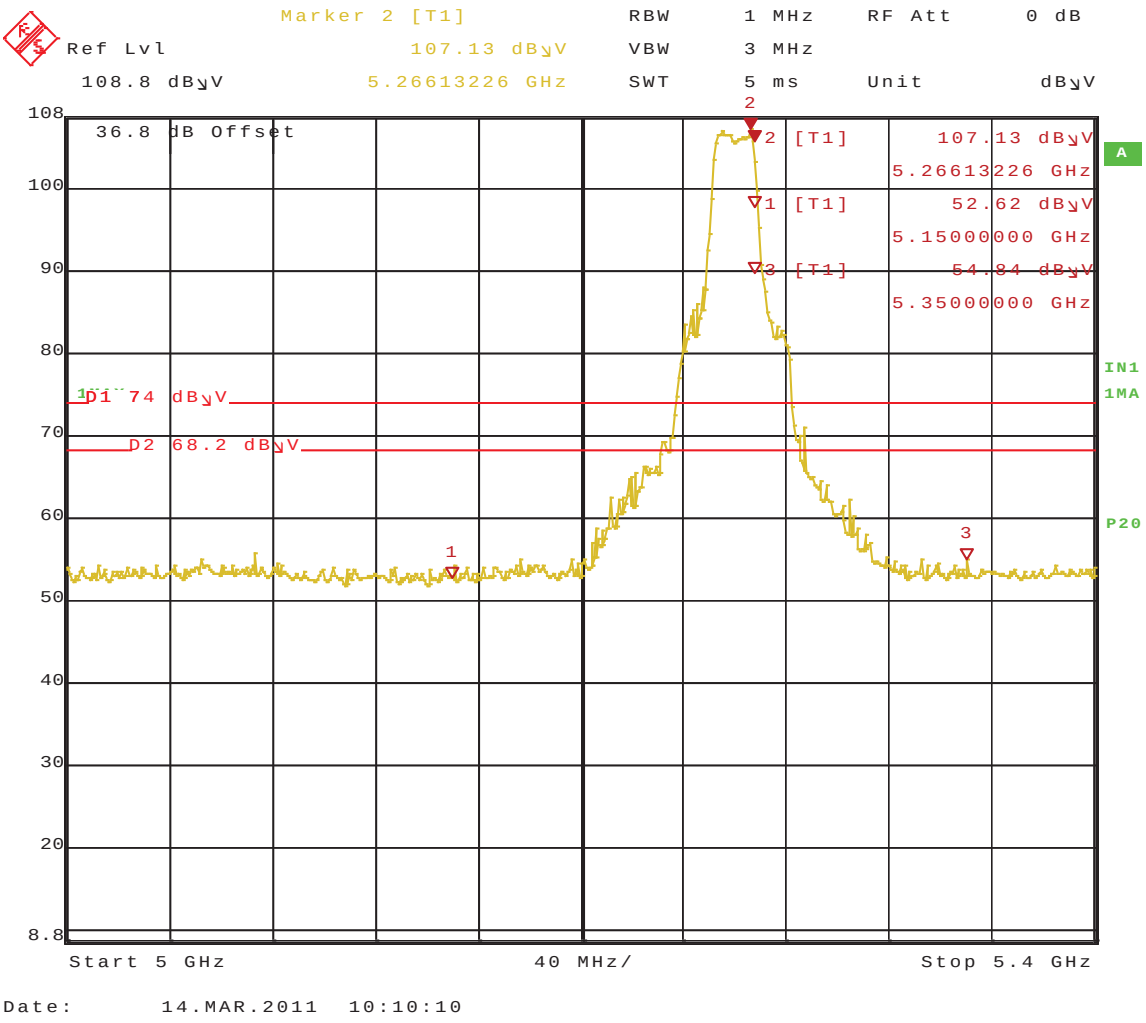


Figure 553: Radiated Emission at the Edge for Channel 5260 MHz at 6Mbps – Horz (Peak)

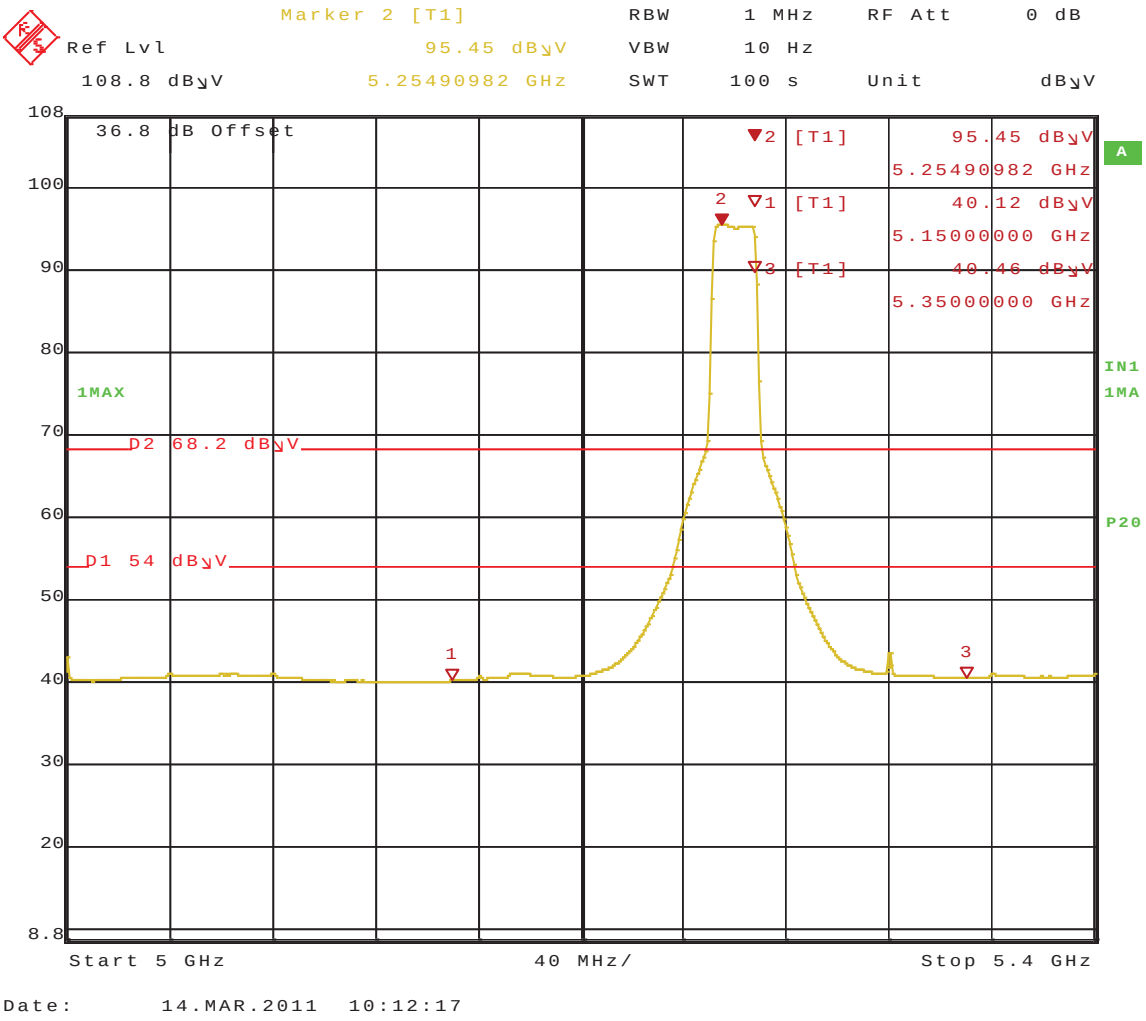


Figure 554: Radiated Emission at the Edge for Channel 5260 MHz at 6Mbps – Horz (Ave.)

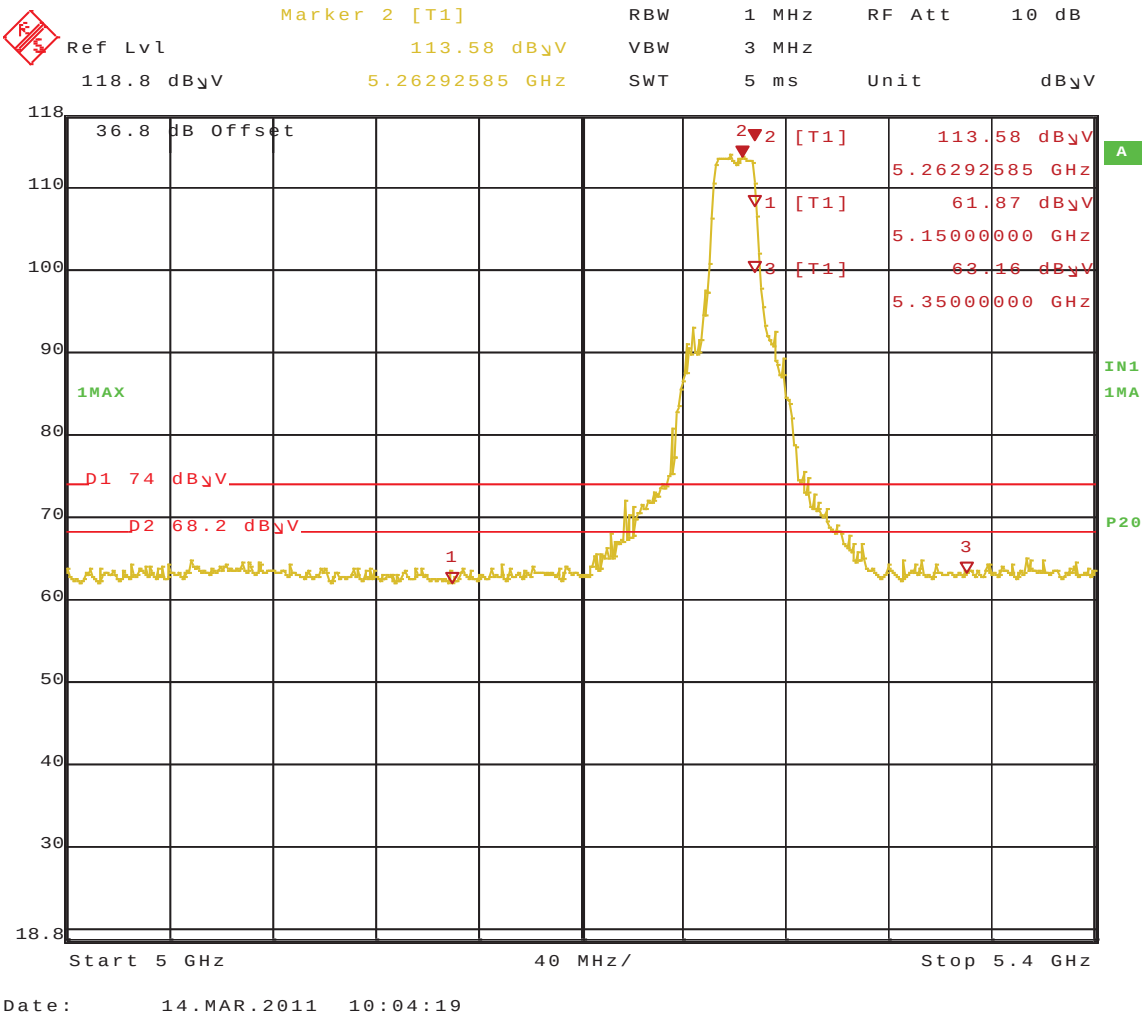


Figure 555: Radiated Emission at the Edge for Channel 5260 MHz at 6Mbps – Vert (Peak)

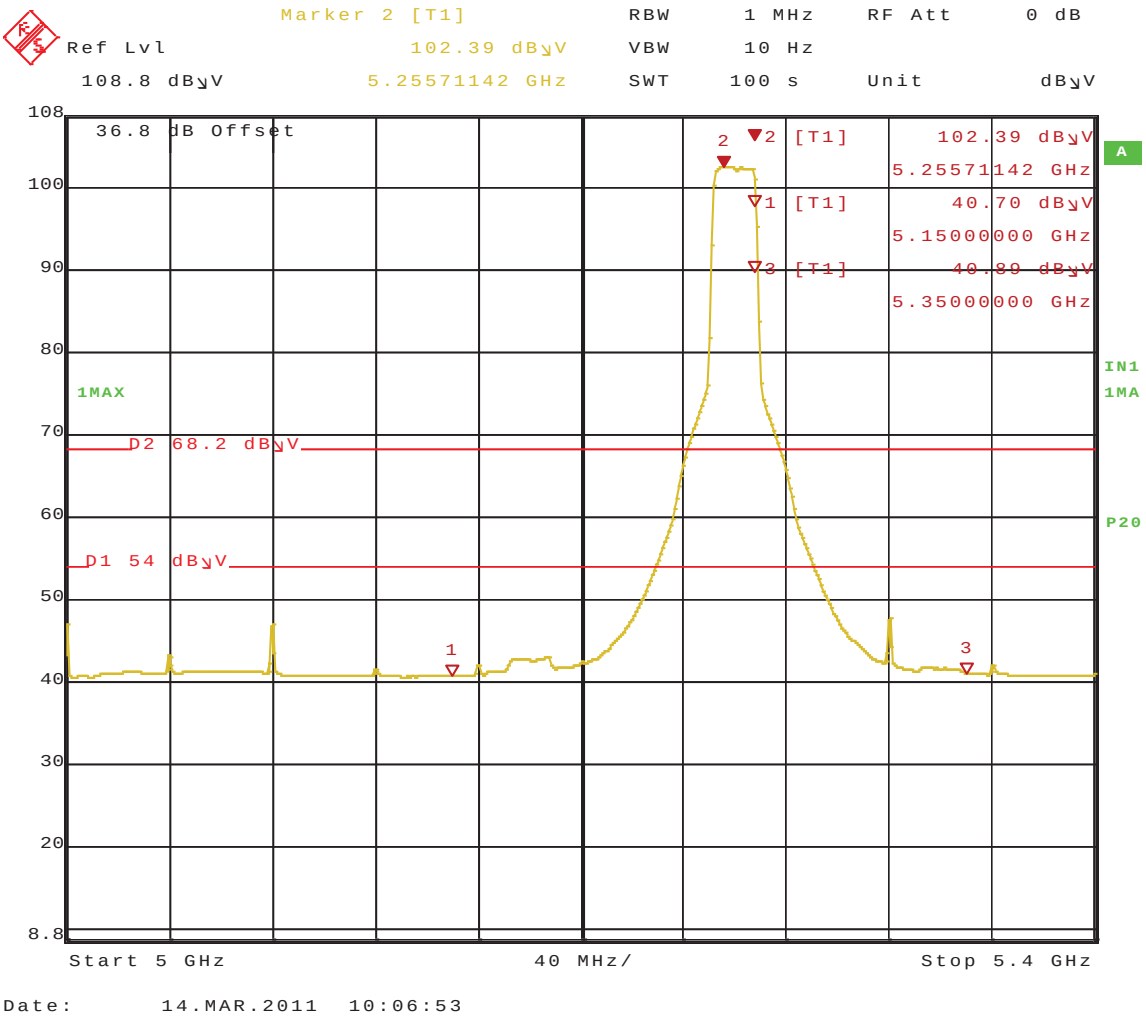


Figure 556: Radiated Emission at the Edge for Channel 5260 MHz at 6Mbps – Vert (Ave.)

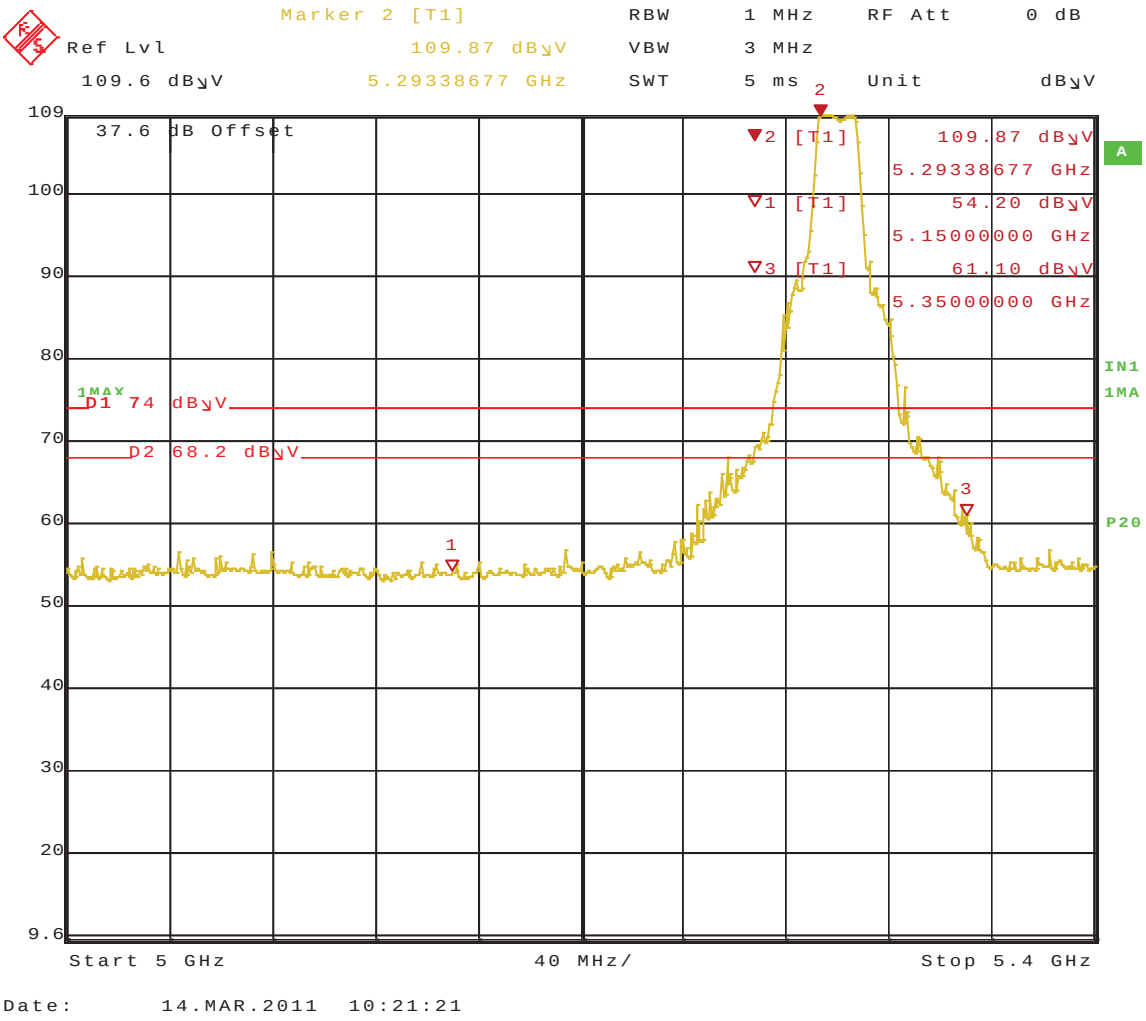


Figure 557: Radiated Emission at the Edge for Channel 5300 MHz at 6Mbps – Horz. (Peak)

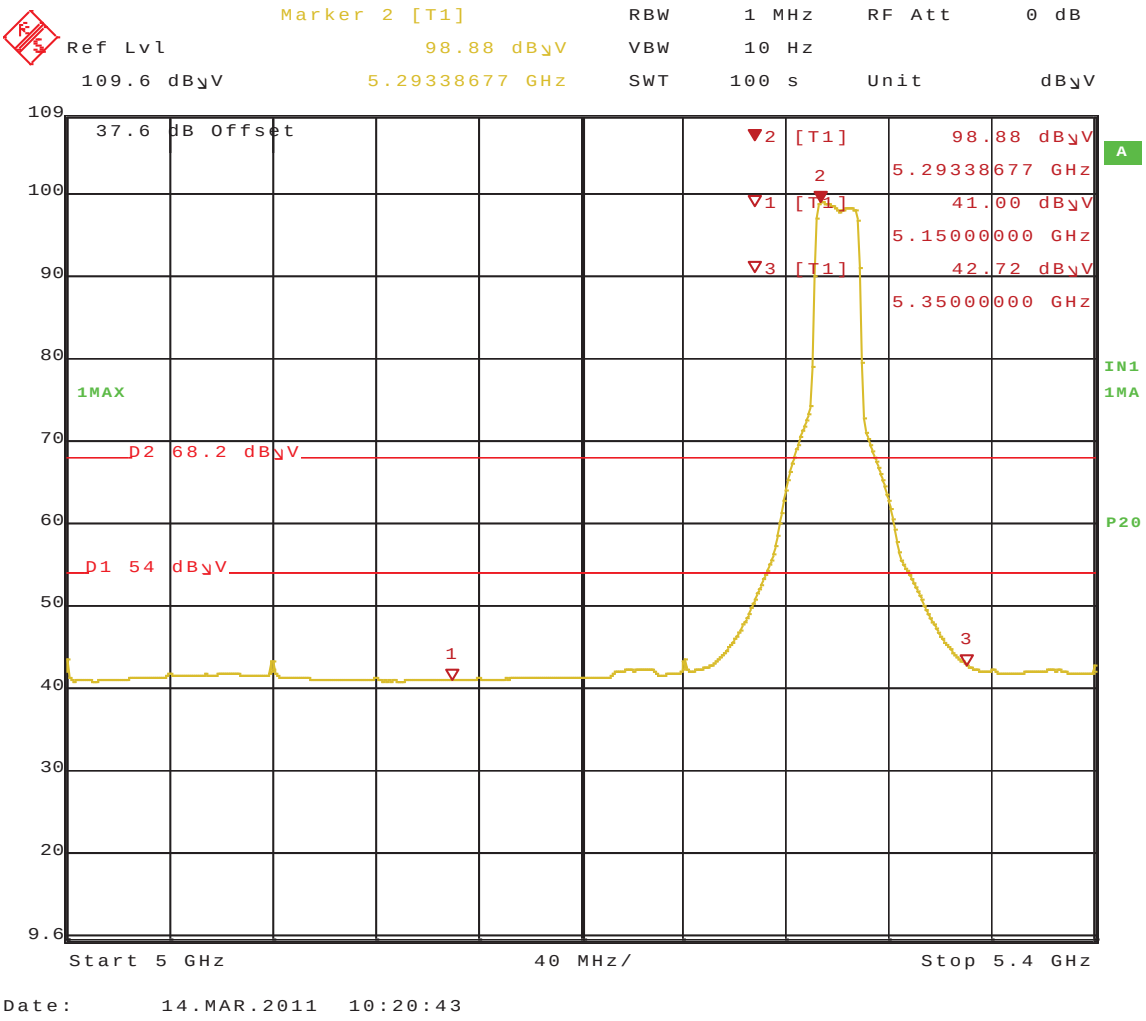


Figure 558: Radiated Emission at the Edge for Channel 5300 MHz at 6Mbps – Horz. (Ave.)

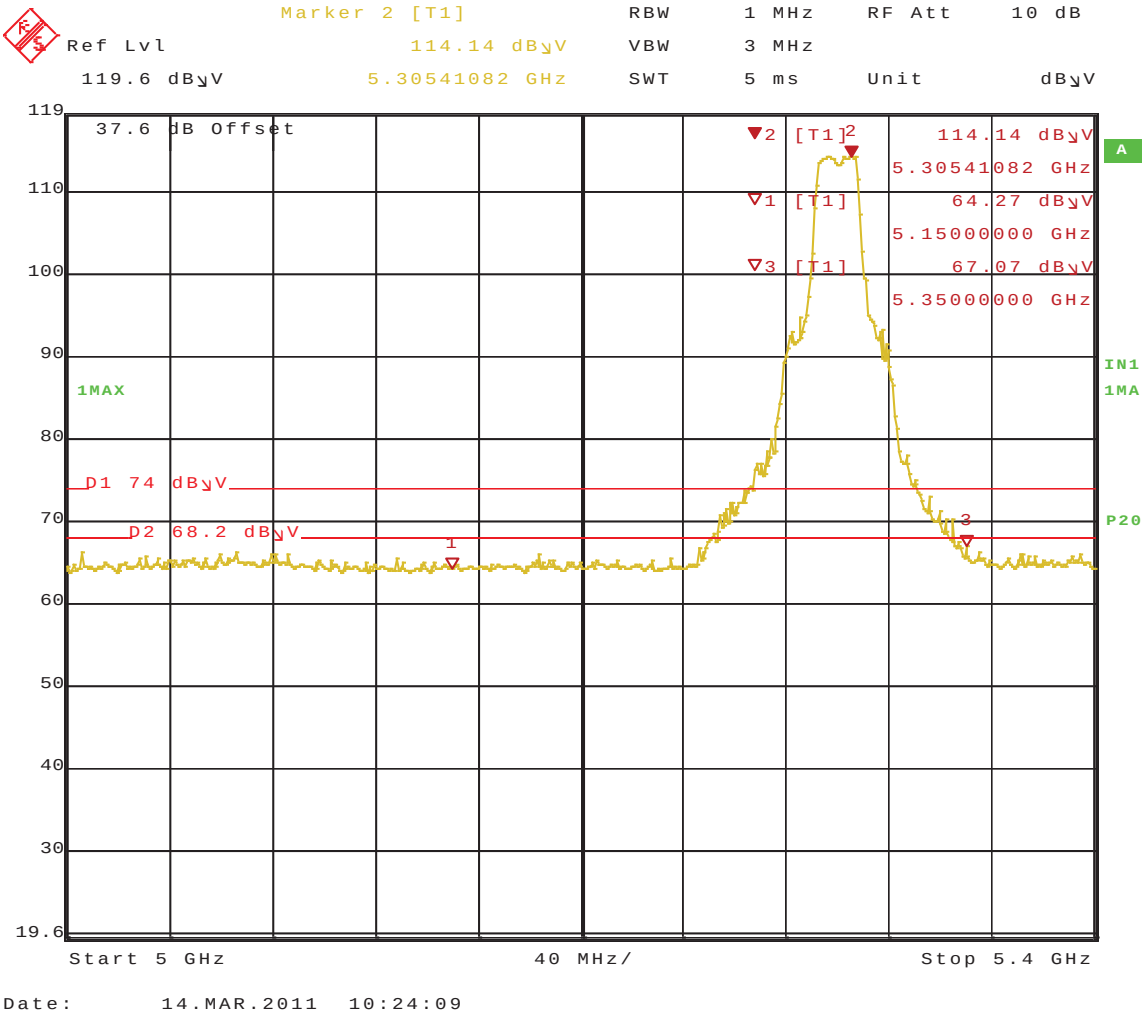


Figure 559: Radiated Emission at the Edge for Channel 5300 MHz at 6Mbps – Vert. (Peak)

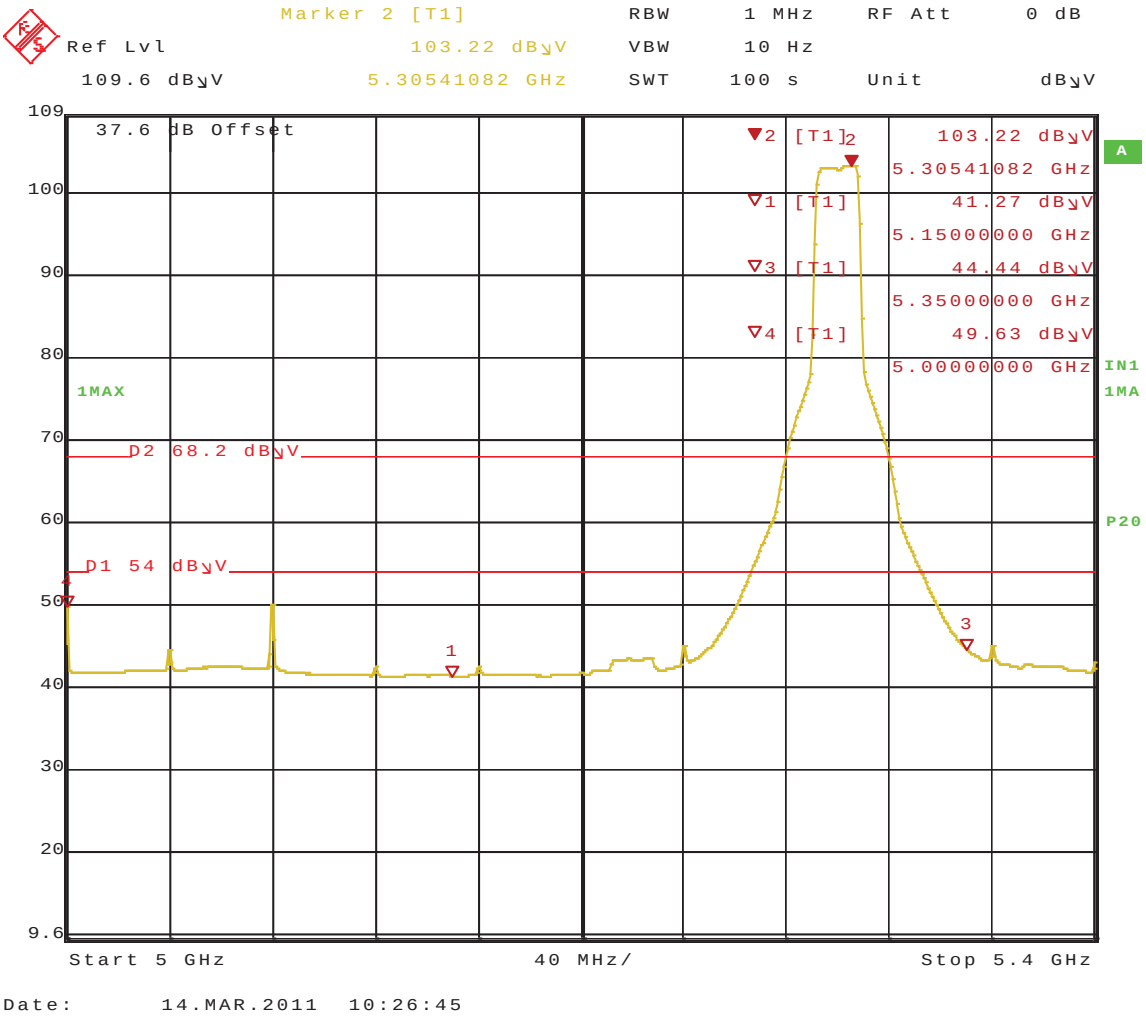


Figure 560: Radiated Emission at the Edge for Channel 5300 MHz at 6Mbps – Vert. (Ave.)

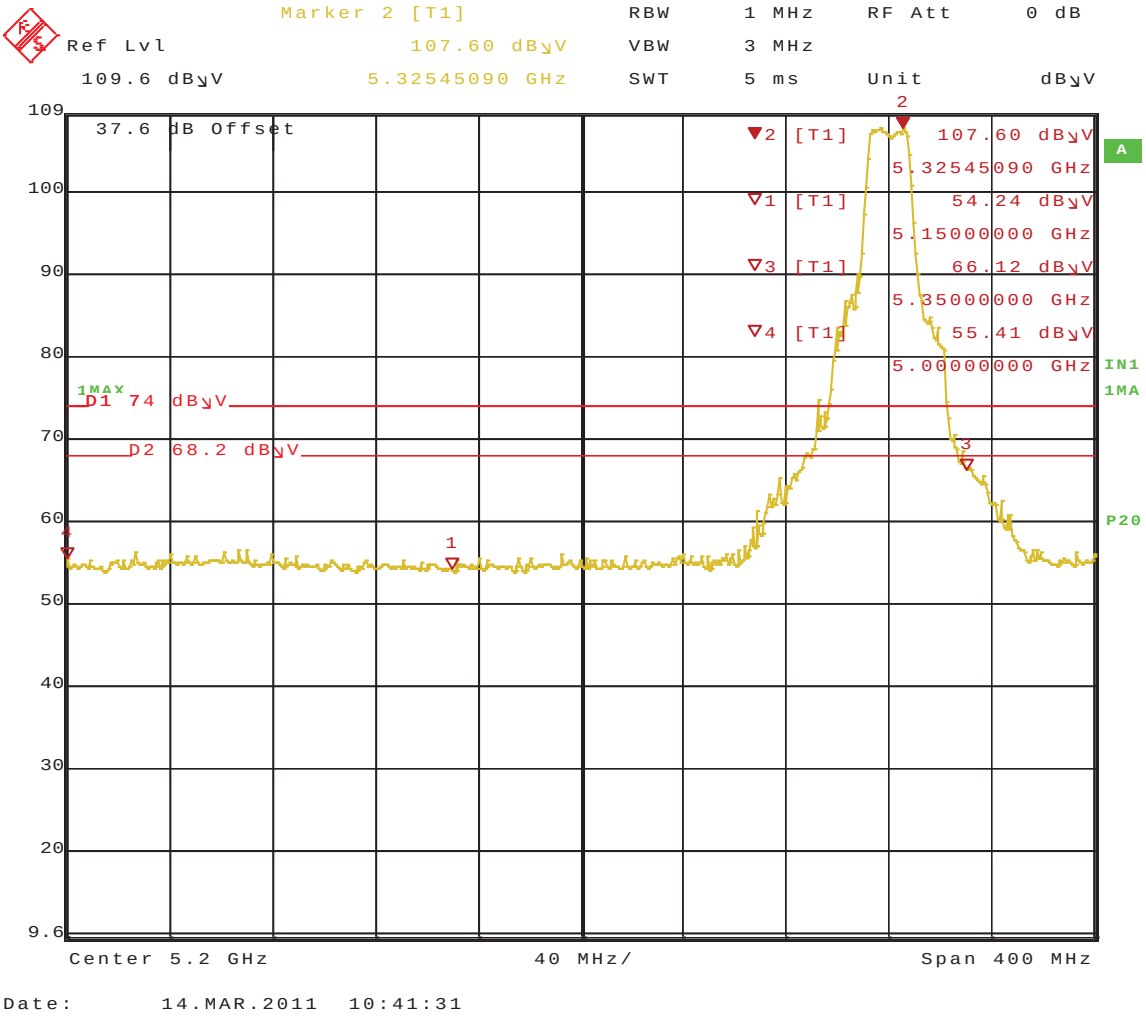


Figure 561: Radiated Emission at the Edge for Channel 5320 MHz at 6Mbps – Horz. (Peak)