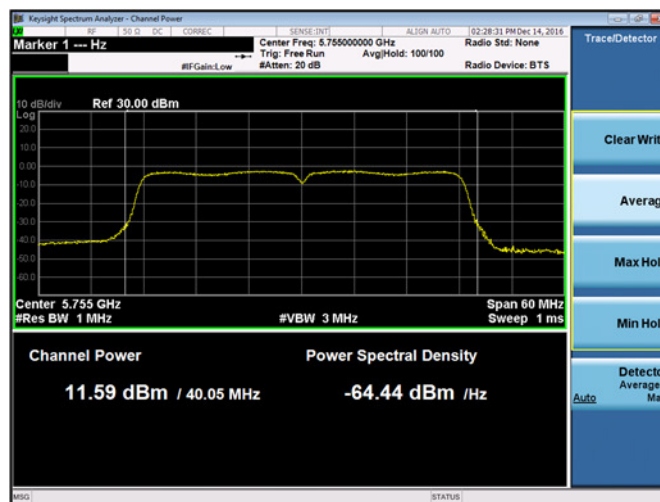
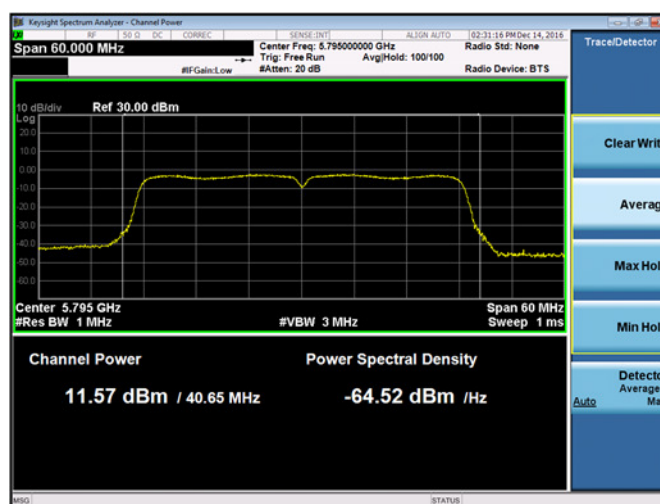


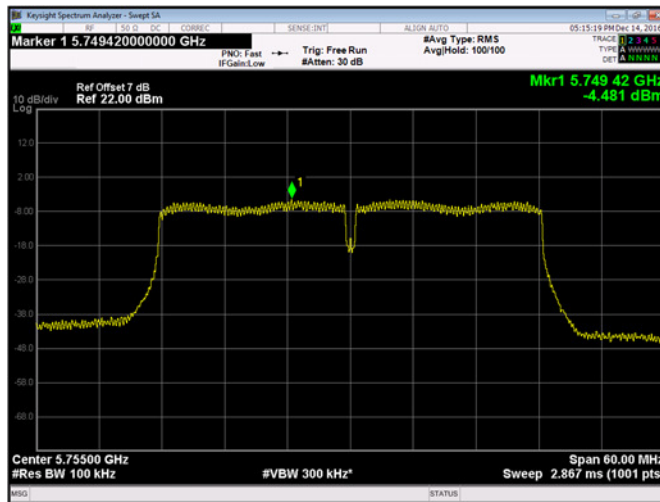
Plot 9-213. Maximum Conducted Output Power and PSD Chain A 802.11n HT40 (Ch. 134)



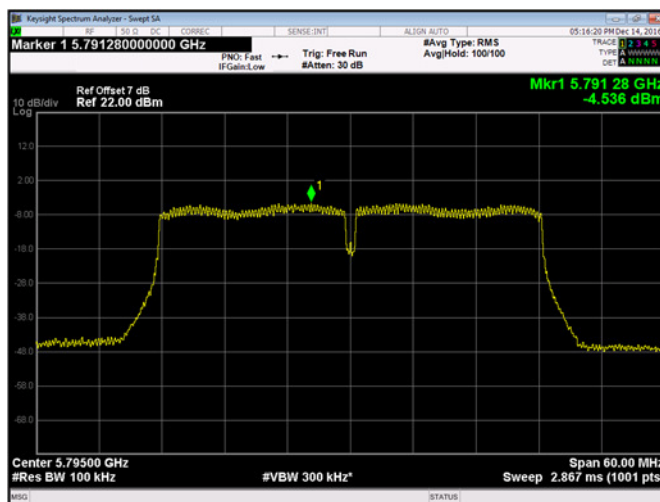
Plot 9-214. Maximum Conducted Output Power Chain A 802.11n HT40 (Ch. 151)



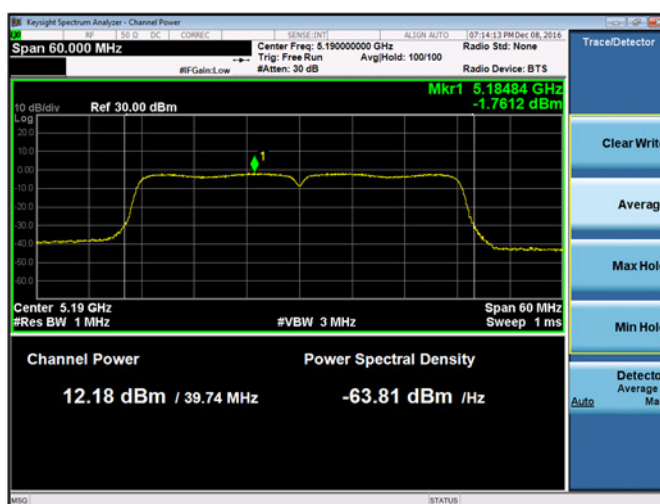
Plot 9-215. Maximum Conducted Output Power Chain A 802.11n HT40 (Ch. 159)



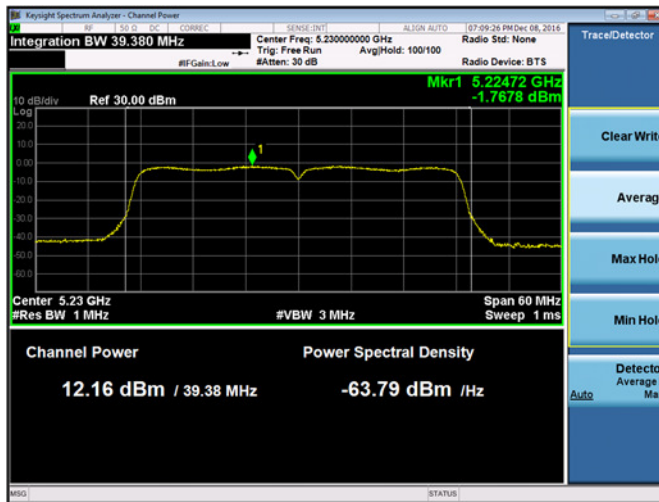
Plot 9-216. Maximum Power Spectral Density Chain A 802.11n HT40 (Ch. 151)



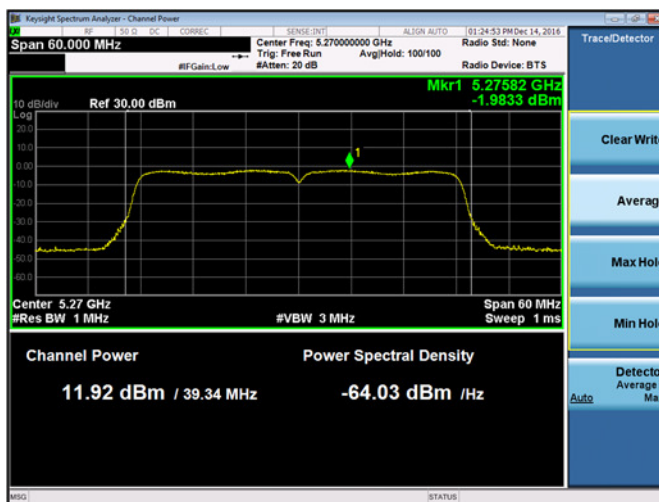
Plot 9-217. Maximum Power Spectral Density Chain A 802.11n HT40 (Ch. 159)



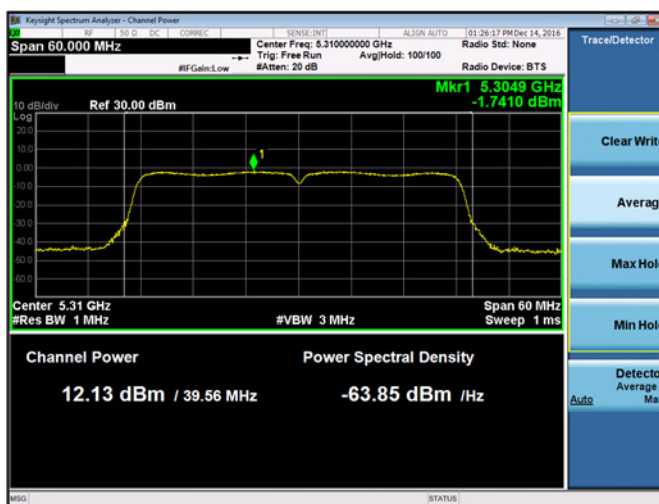
Plot 9-218. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 38)



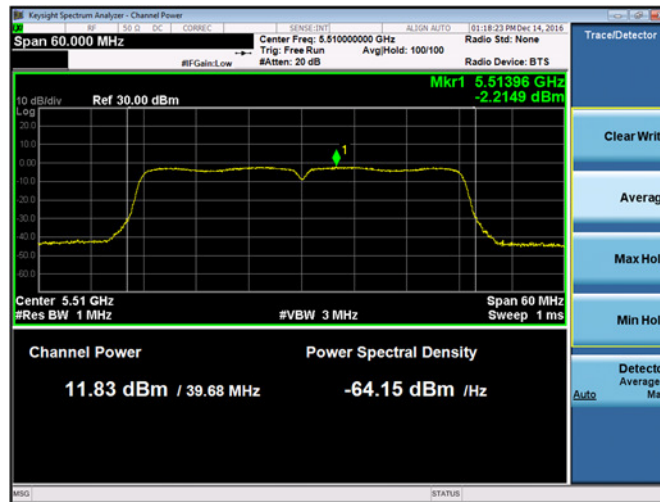
Plot 9-219. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 46)



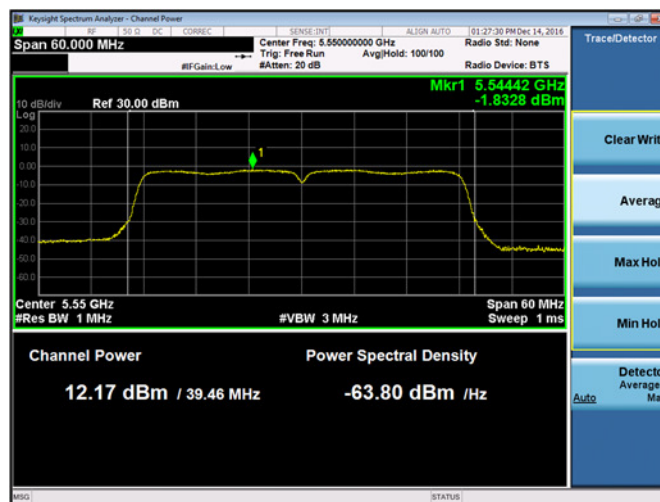
Plot 9-220. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 54)



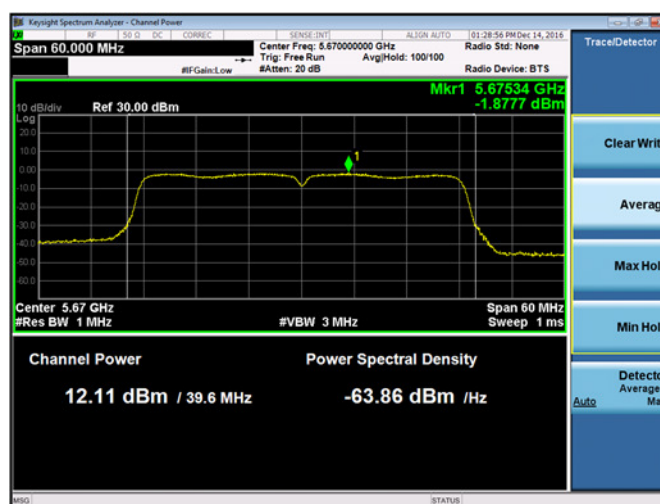
Plot 9-221. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 62)



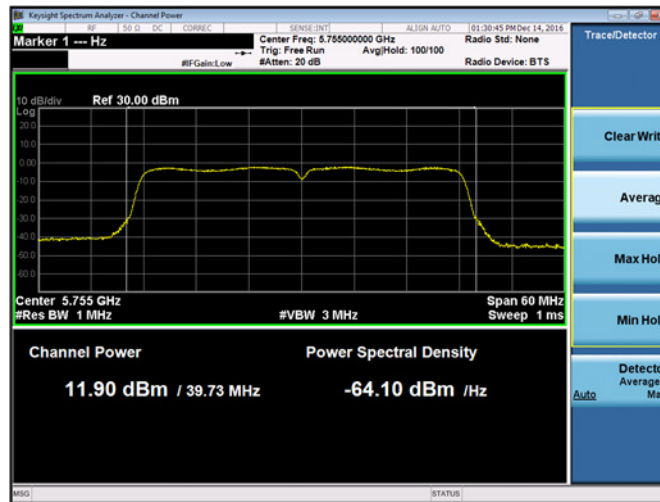
Plot 9-222. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 102)



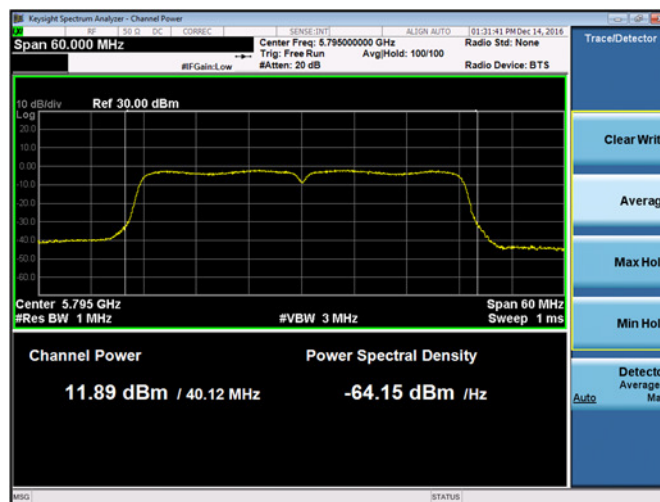
Plot 9-223. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 110)



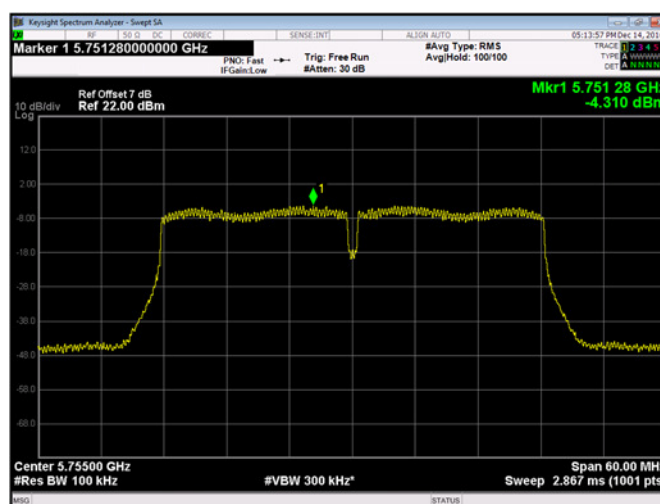
Plot 9-224. Maximum Conducted Output Power and PSD Chain B 802.11n HT40 (Ch. 134)



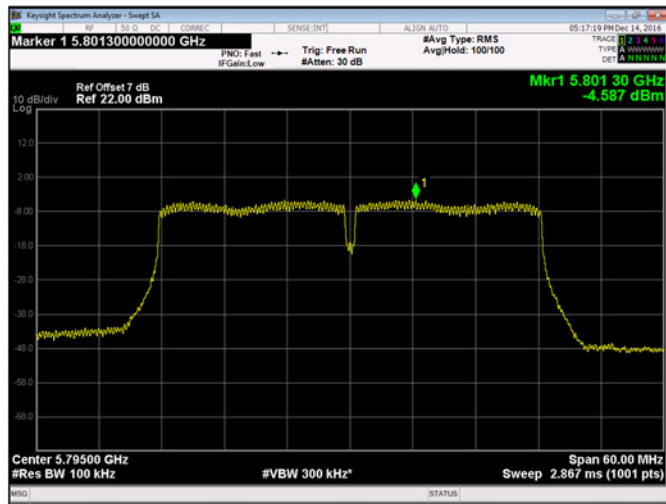
Plot 9-225. Maximum Conducted Output Power Chain B 802.11n HT40 (Ch. 151)



Plot 9-226. Maximum Conducted Output Power Chain B 802.11n HT40 (Ch. 159)



Plot 9-227. Maximum Power Spectral Density Chain B 802.11n HT40 (Ch. 151)



Plot 9-228. Maximum Power Spectral Density Chain B 802.11n HT40 (Ch. 159)

**9.5.5.7 Chain A+B 802.11ac VHT20 Maximum Conducted Output Power**

Chain A+B 802.11ac VHT20 Maximum Conducted Output Power								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total Power (dBm)	15.407 Limit (dBm)	RSS-247 Limit (dBm)	15.407 Margin (dB)	RSS-247 Margin (dB)
36	5180	9.91	10.27	13.10	24.00	--	-10.90	--
44	5220	9.80	10.34	13.09	24.00	--	-10.91	--
48	5240	9.75	10.57	13.19	24.00	--	-10.81	--
52	5260	12.92	13.70	16.34	23.95	23.45	-7.61	-7.11
60	5300	13.06	13.72	16.41	24.00	23.46	-7.59	-7.04
64	5320	13.33	13.69	16.52	23.95	23.46	-7.43	-6.93
100	5500	12.80	13.57	16.21	23.95	23.45	-7.74	-7.24
116	5580	12.72	13.45	16.11	23.95	23.46	-7.84	-7.35
140	5700	12.99	13.87	16.46	23.96	23.45	-7.50	-6.99
149	5745	13.09	13.75	16.44	30.00	30.00	-13.56	-13.56
157	5785	13.08	13.56	16.34	30.00	30.00	-13.66	-13.66
165	5825	12.98	13.47	16.24	30.00	30.00	-13.76	-13.76

Chain A+B 802.11ac VHT20 E.I.R.P						
Channel No.	Frequency (MHz)	Total Power (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	RSS-247 E.I.R.P Limit (dBm)	RSS-247 E.I.R.P. Margin (dB)
36	5180	13.10	3.30	16.41	22.46	-6.05
44	5220	13.09	3.30	16.39	22.46	-6.07
48	5240	13.19	3.30	16.49	22.46	-5.97
52	5260	16.34	3.50	19.84	29.45	-9.61
60	5300	16.41	3.50	19.91	29.46	-9.54
64	5320	16.52	3.50	20.02	29.46	-9.43
100	5500	16.21	5.20	21.41	29.45	-8.04
116	5580	16.11	5.20	21.31	29.46	-8.15
140	5700	16.46	5.20	21.66	29.45	-7.79
149	5745	16.44	4.35	20.80	--	--
157	5785	16.34	4.35	20.69	--	--
165	5825	16.24	4.35	20.59	--	--



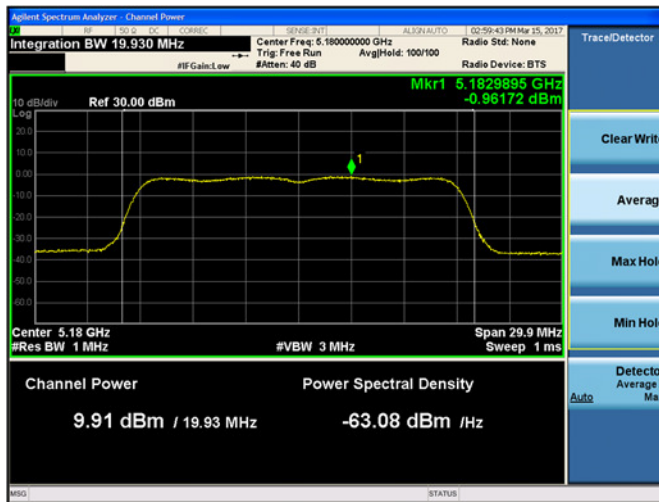
9.5.5.8 Chain A+B 802.11ac VHT20 Maximum Spectral Density

UNII-1 Chain A+B 802.11ac VHT20 Maximum Power Spectral Density/MHz										
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\left(\frac{dBm}{MHz}\right)$	Total Ant. Gain (dBi)	Total EIRP PSD $\left(\frac{dBm}{MHz}\right)$	15.407 Limit $\left(\frac{dBm}{MHz}\right)$	RSS-247 EIRP PSD Limit $\left(\frac{dBm}{MHz}\right)$	15.407 Margin (dB)	RSS-247 Margin (dB)
36	5180	-0.96	-0.96	2.05	6.31	8.36	10.69	10.00	-8.64	-1.64
44	5220	-1.17	-0.57	2.15	6.31	8.46	10.69	10.00	-8.54	-1.54
48	5240	-1.27	-0.22	2.30	6.31	8.61	10.69	10.00	-8.39	-1.39

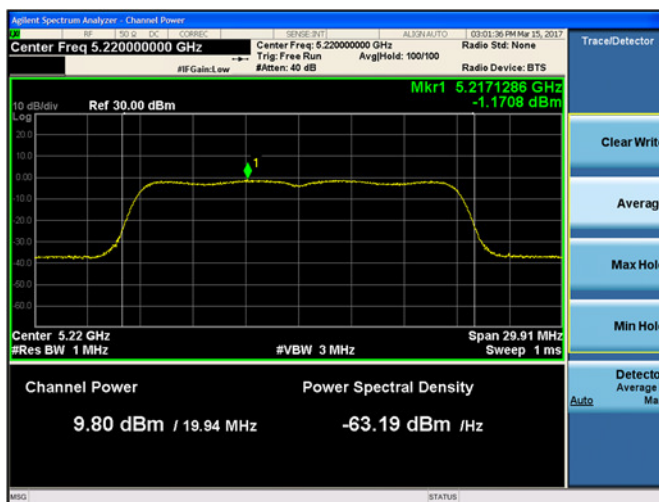
UNII-2A and UNII-2C Chain A+B 802.11ac VHT20 Maximum Power Spectral Density/MHz									
Channel No.	Frequency (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\left(\frac{dBm}{MHz}\right)$	15.407 Limit $\left(\frac{dBm}{MHz}\right)$	RSS-247 Limit $\left(\frac{dBm}{MHz}\right)$	15.407 Margin (dB)	RSS-247 Margin (dB)	
52	5260	2.07	2.82	5.47	10.49	11.00	-5.02	-5.53	
60	5300	2.08	2.98	5.56	10.49	11.00	-4.93	-5.44	
64	5320	2.42	2.76	5.60	10.49	11.00	-4.89	-5.40	
100	5500	1.90	2.65	5.30	8.79	11.00	-3.49	-5.70	
116	5580	1.75	2.37	5.08	8.79	11.00	-3.71	-5.92	
140	5700	2.13	2.88	5.53	8.79	11.00	-3.26	-5.47	

UNII-3 Chain A+B 802.11ac VHT20 Maximum Power Spectral Density/500kHz								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\left(\frac{dBm}{500 kHz}\right)$	15.407 Limit $\left(\frac{dBm}{500 kHz}\right)$	RSS-247 Limit $\left(\frac{dBm}{500 kHz}\right)$	15.407 Margin (dB)	RSS-247 Margin (dB)
149	5745	-0.35	1.06	3.42	28.64	28.64	-25.22	-25.22
157	5785	0.03	0.86	3.48	28.64	28.64	-25.16	-25.16
165	5825	-0.05	0.56	3.28	28.64	28.64	-25.36	-25.36

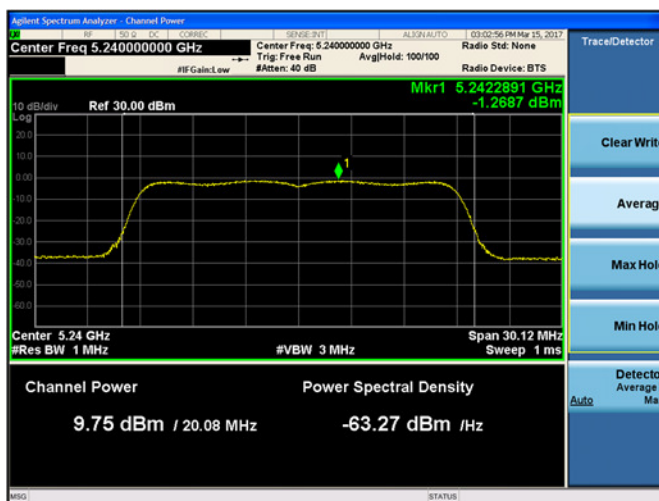




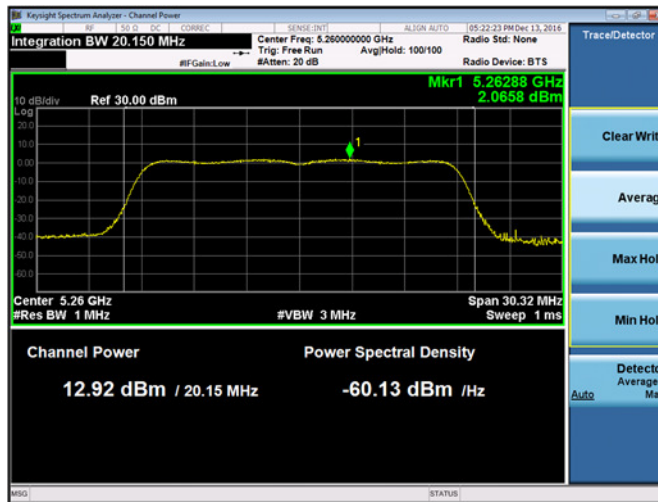
Plot 9-229. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 36)



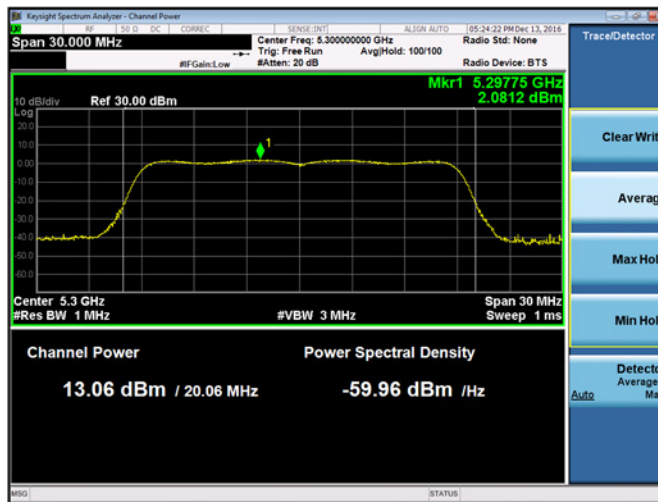
Plot 9-230. Maximum Conducted Output Power and PSD Chain A 802.11ac VH20 (Ch. 44)



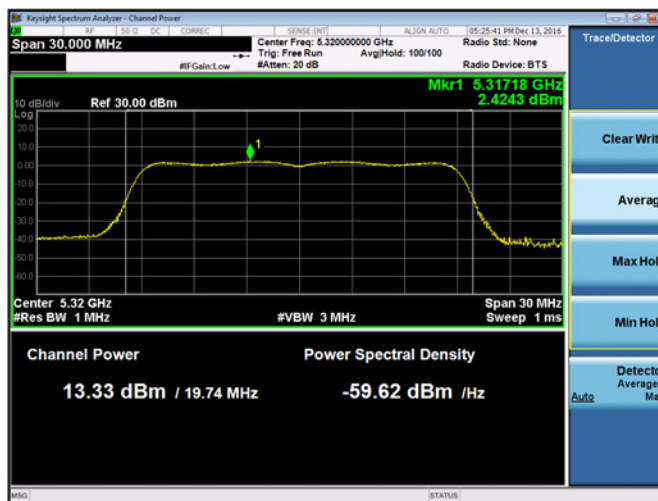
Plot 9-231. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 48)



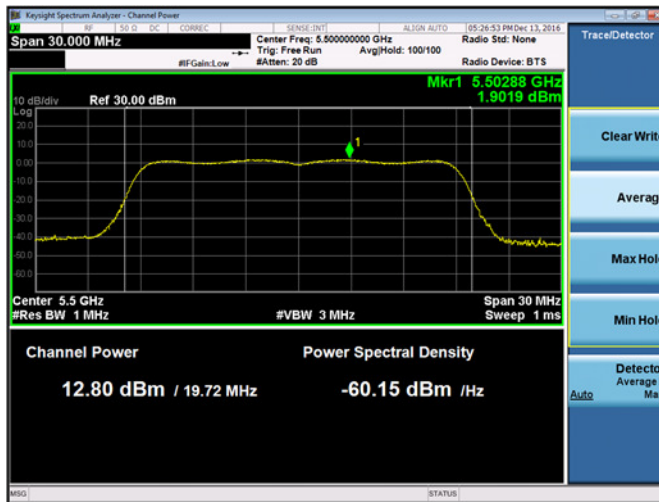
Plot 9-232. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 52)



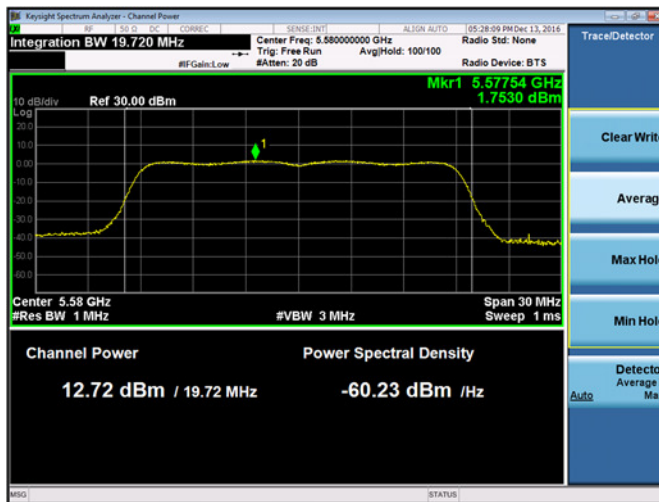
Plot 9-233. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 60)



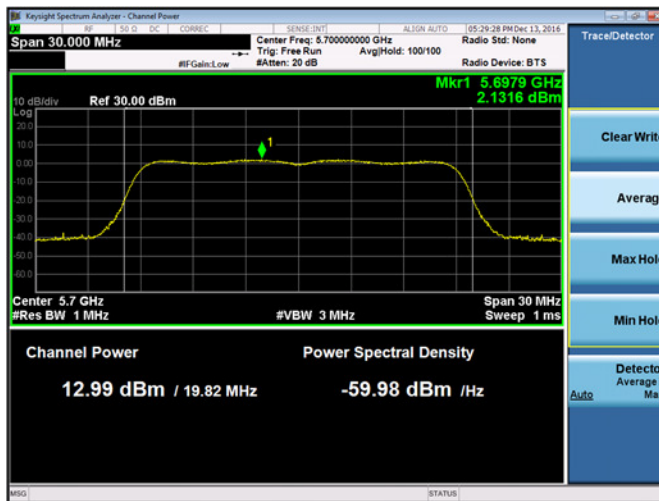
Plot 9-234. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 64)



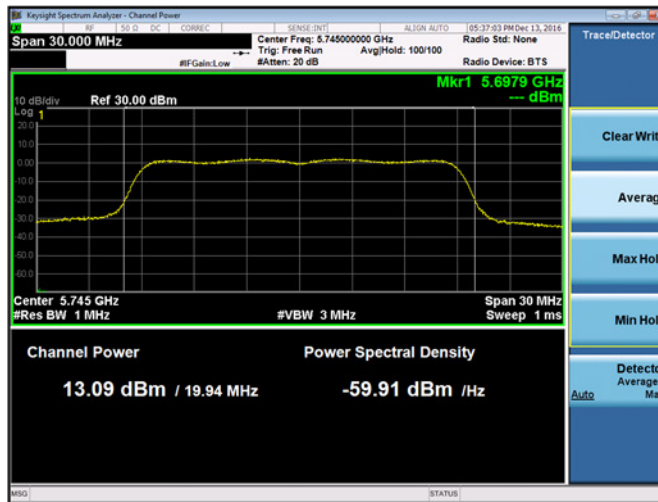
Plot 9-235. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 100)



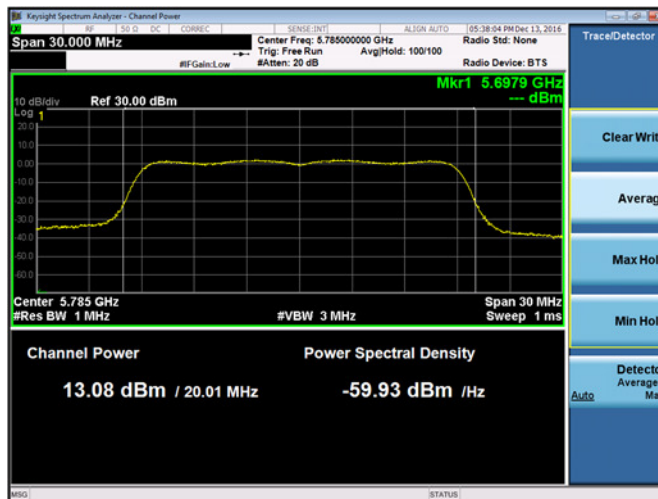
Plot 9-236. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 116)



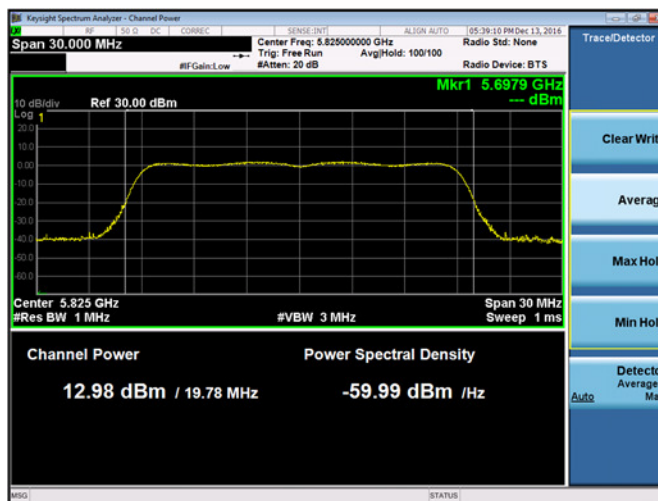
Plot 9-237. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 140)



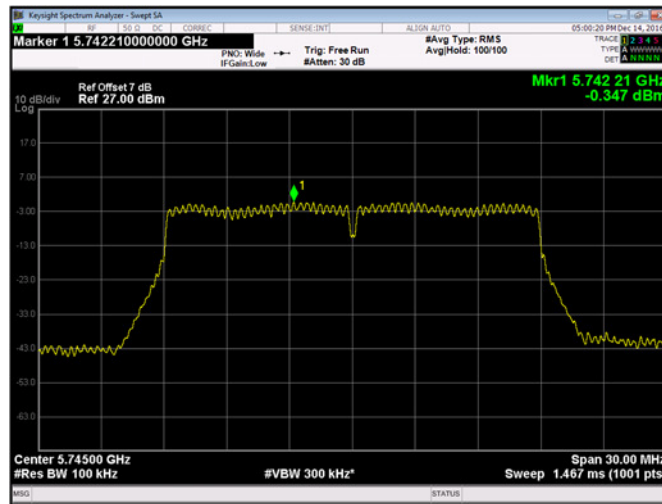
Plot 9-238. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 149)



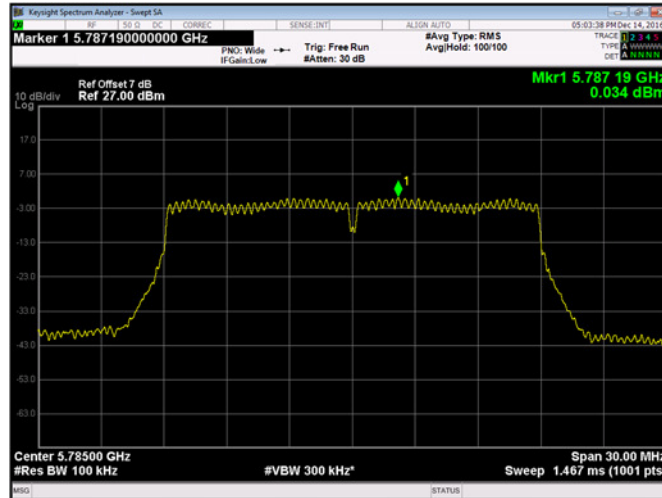
Plot 9-239. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 157)



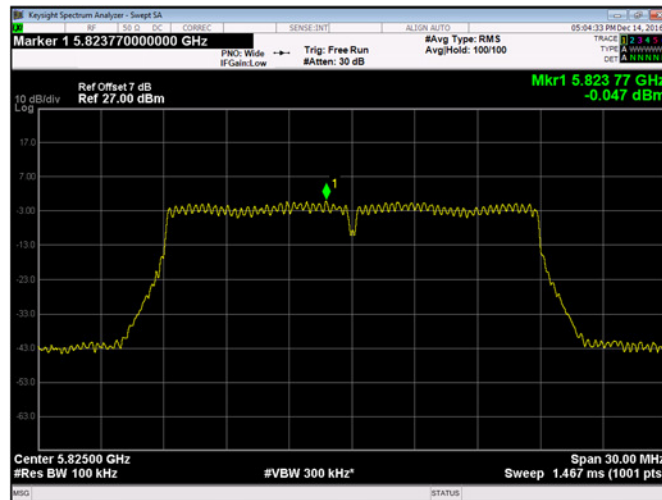
Plot 9-240. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 165)



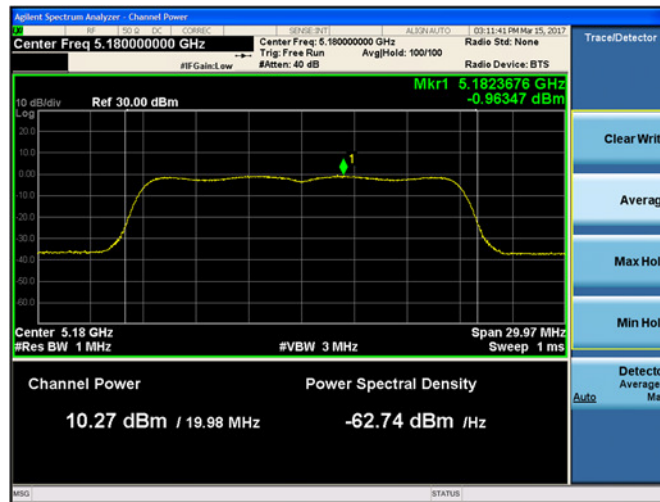
Plot 9-241. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 116)



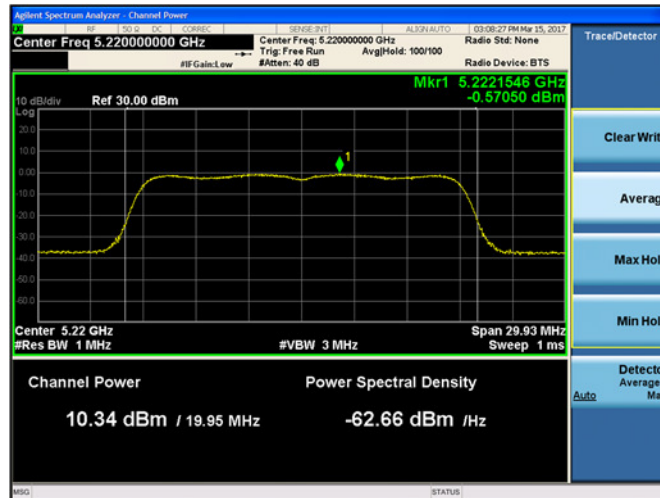
Plot 9-242. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 157)



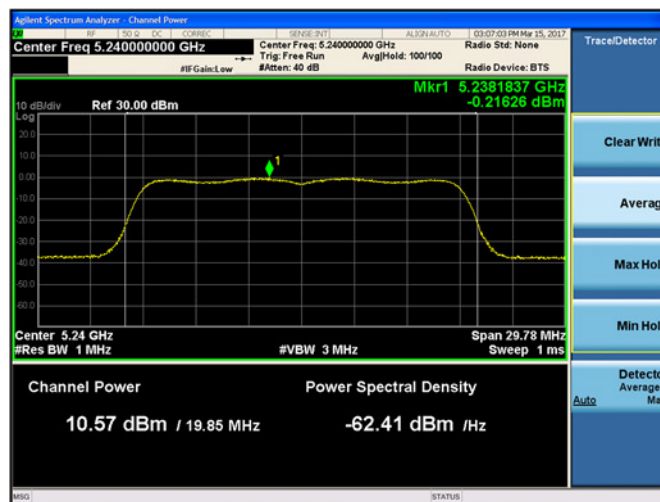
Plot 9-243. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 165)



Plot 9-244. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 36)

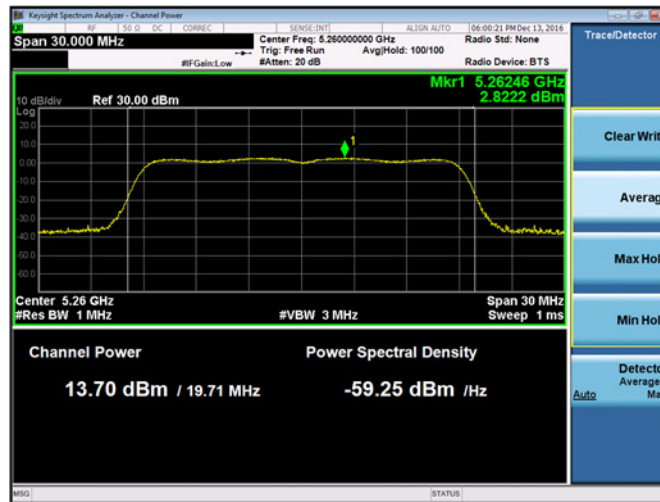


Plot 9-245. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 44)

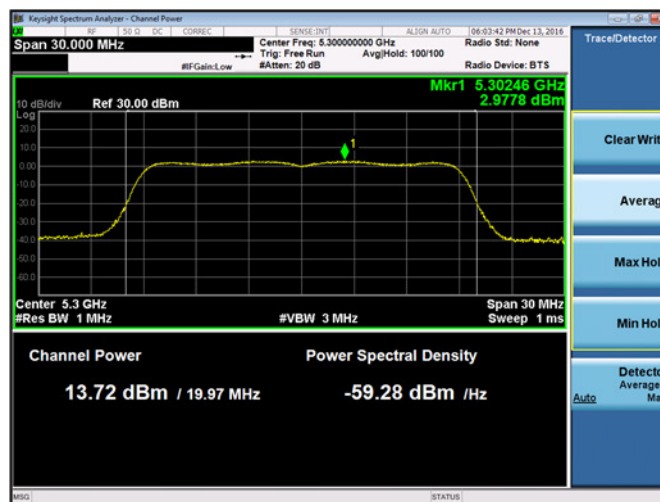


Plot 9-246. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 48)

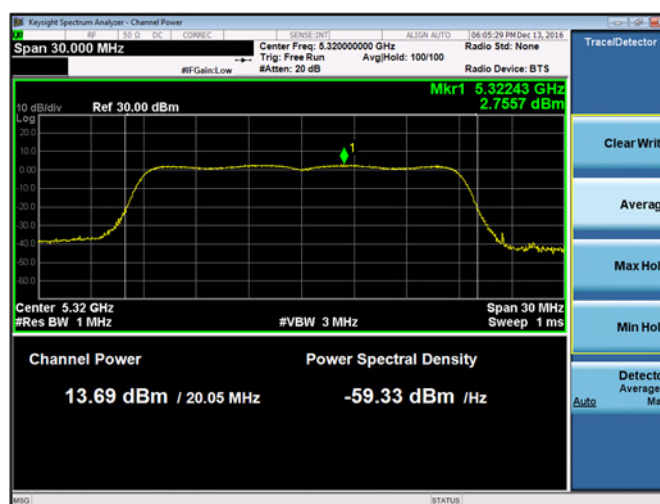




Plot 9-247. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 52)

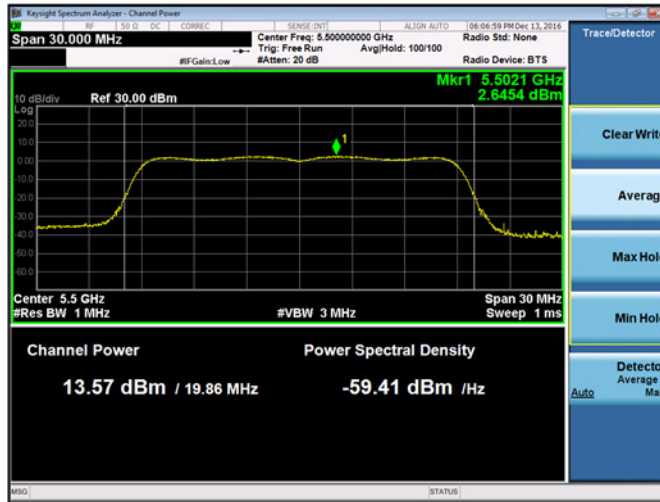


Plot 9-248. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 60)

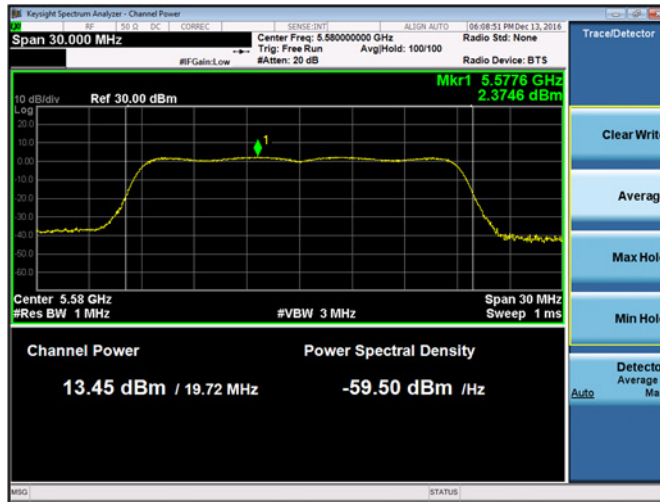


Plot 9-249. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 64)

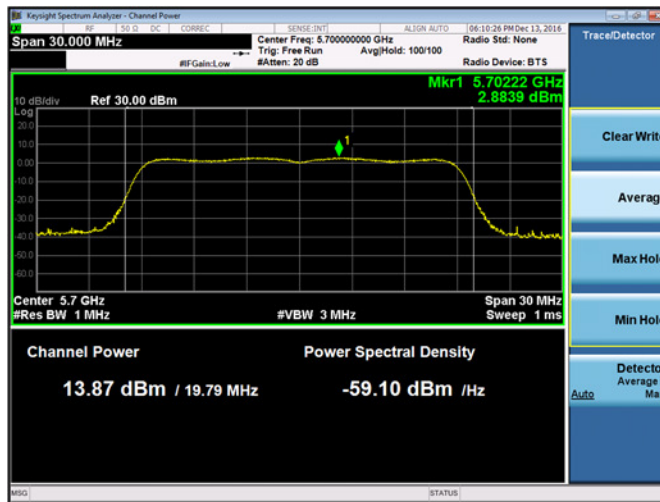




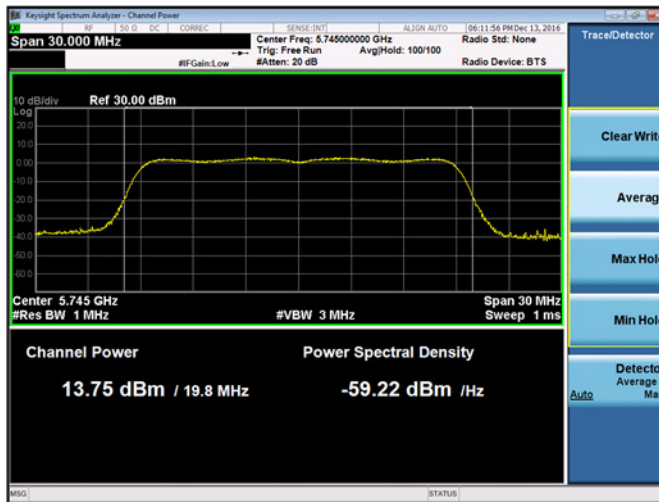
Plot 9-250. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.100)



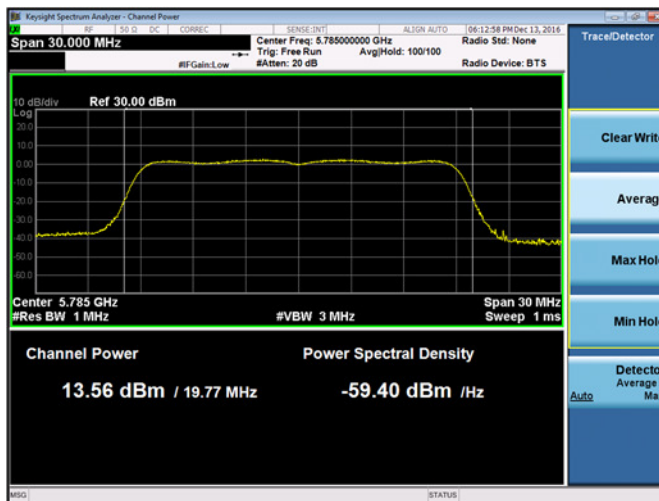
Plot 9-251. Max Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.116)



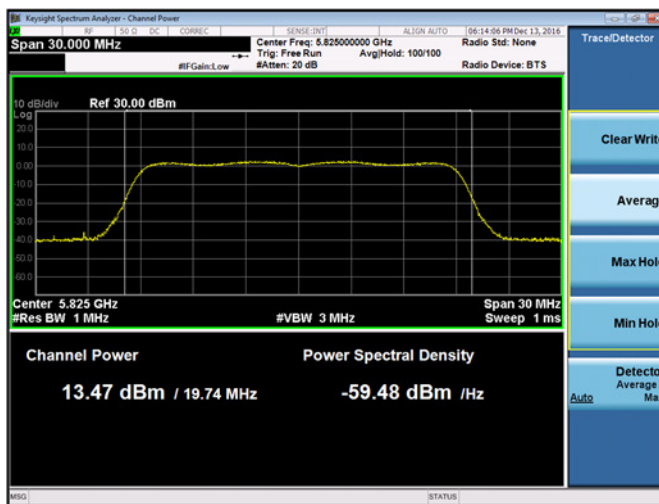
Plot 9-252. Max Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.140)



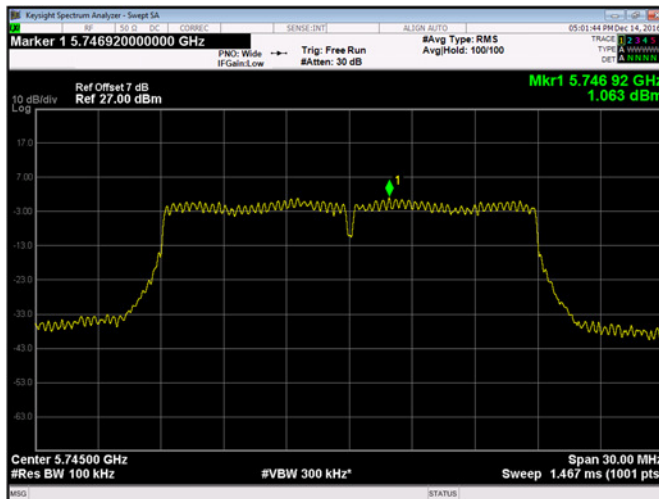
Plot 9-253. Max Conducted Output Power Chain B 802.11ac VHT20 (Ch.149)



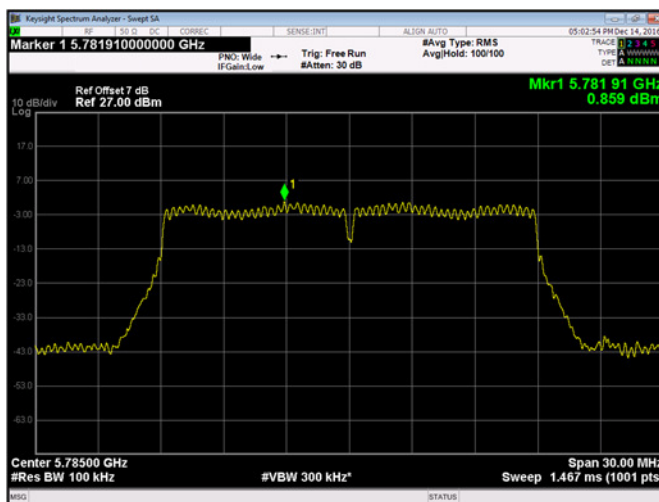
Plot 9-254. Maximum Conducted Output Power Chain B 802.11ac VHT20 (Ch. 157)



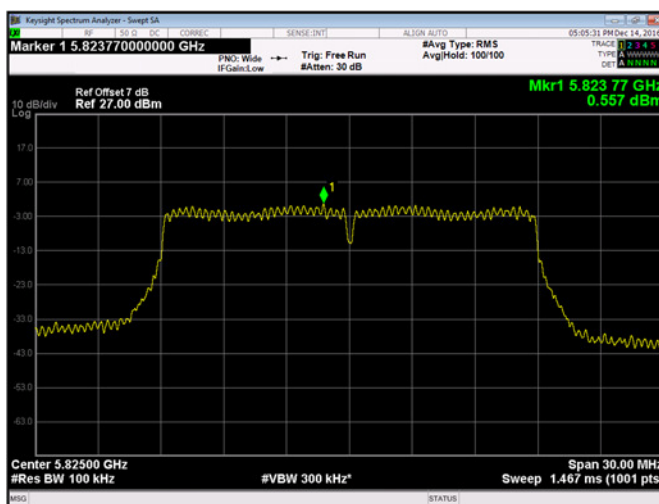
Plot 9-255. Maximum Conducted Output Power Chain B 802.11ac VHT20 (Ch. 165)



Plot 9-256. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 149)



Plot 9-257. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 157)



Plot 9-258. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 165)

**9.5.5.9 Chain A+B 802.11ac VHT40 Maximum Conducted Output Power**

Chain A+B 802.11ac VHT40 Maximum Conducted Output Power								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total Power (dBm)	15.407 Limit (dBm)	RSS-247 Limit (dBm)	15.407 Margin (dB)	RSS-247 Margin (dB)
38	5190	11.17	11.98	14.60	24.00	--	-9.40	--
46	5230	11.20	11.99	14.62	24.00	--	-9.38	--
54	5270	11.66	11.71	14.70	24.00	24.00	-9.30	-9.30
62	5310	11.26	11.95	14.63	24.00	24.00	-9.37	-9.37
102	5510	12.06	11.78	14.93	24.00	24.00	-9.07	-9.07
110	5550	12.16	12.08	15.13	24.00	24.00	-8.87	-8.87
134	5670	12.26	12.27	15.28	24.00	24.00	-8.72	-8.72
151	5755	11.40	12.05	14.75	30.00	30.00	-15.25	-15.25
159	5795	11.56	11.8	14.69	30.00	30.00	-15.31	-15.31

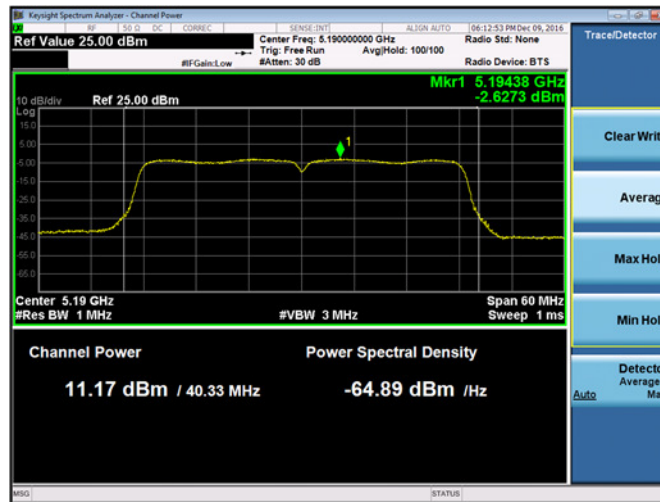
Chain A+B 802.11ac VHT40 E.I.R.P						
Channel No.	Frequency (MHz)	Total Power (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	RSS-247 E.I.R.P Limit (dBm)	RSS-247 E.I.R.P. Margin (dB)
38	5190	14.60	3.30	17.91	23.00	-5.09
46	5230	14.62	3.30	17.92	23.00	-5.08
54	5270	14.70	3.50	18.20	30.00	-11.80
62	5310	14.63	3.50	18.13	30.00	-11.87
102	5510	14.93	5.20	20.13	30.00	-9.87
110	5550	15.13	5.20	20.33	30.00	-9.67
134	5670	15.28	5.20	20.48	30.00	-9.52
151	5755	14.75	4.35	19.10	--	--
159	5795	14.69	4.35	19.04	--	--

**9.5.5.10 Chain A+B 802.11ac VHT40 Maximum Spectral Density**

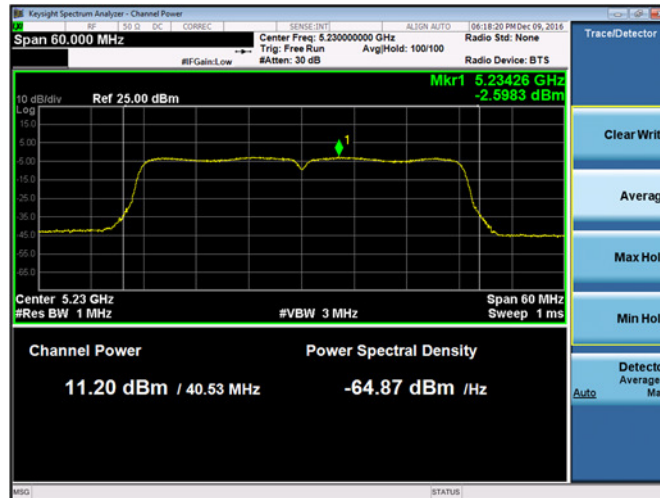
<b>UNII-1 Chain A+B 802.11ac VHT40 Maximum Power Spectral Density/MHz</b>										
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{MHz}$	Total Ant. Gain (dBi)	Total EIRP PSD $\frac{dBm}{MHz}$	15.407 Limit $\frac{dBm}{MHz}$	RSS-247 EIRP PSD Limit $\frac{dBm}{MHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
38	5190	-2.63	-2.07	0.67	6.31	6.98	10.69	10.00	-10.02	-3.02
46	5230	-2.60	-1.79	0.83	6.31	7.15	10.69	10.00	-9.85	-2.85

<b>UNII-2A and UNII-2C Chain A+B 802.11ac VHT40 Maximum Power Spectral Density/MHz</b>									
Channel No.	Frequency (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{MHz}$	15.407 Limit $\frac{dBm}{MHz}$	RSS-247 Limit $\frac{dBm}{MHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)	
54	5270	-2.39	-2.23	0.73	10.49	11.00	-9.76	-10.27	
62	5310	-2.77	-1.94	0.68	10.49	11.00	-9.81	-10.32	
102	5510	-2.04	-2.09	0.95	8.79	11.00	-7.84	-10.05	
110	5550	-1.76	-1.94	1.16	8.79	11.00	-7.63	-9.84	
134	5670	-1.76	-1.60	1.33	8.79	11.00	-7.46	-9.67	

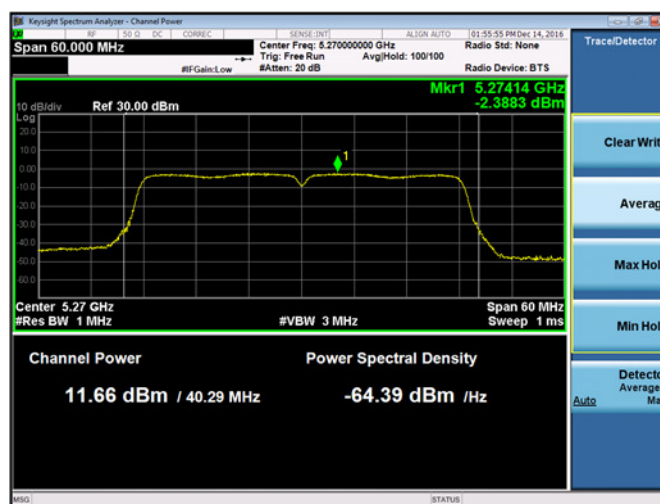
<b>UNII-3 Chain A+B 802.11ac VHT40 Maximum Power Spectral Density/500kHz</b>								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{500 kHz}$	15.407 Limit $\frac{dBm}{500 kHz}$	RSS-247 Limit $\frac{dBm}{500 kHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
151	5755	-4.46	-4.31	-1.37	28.64	28.64	-30.01	-30.01
159	5795	-4.05	-4.34	-1.18	28.64	28.64	-29.82	-29.82



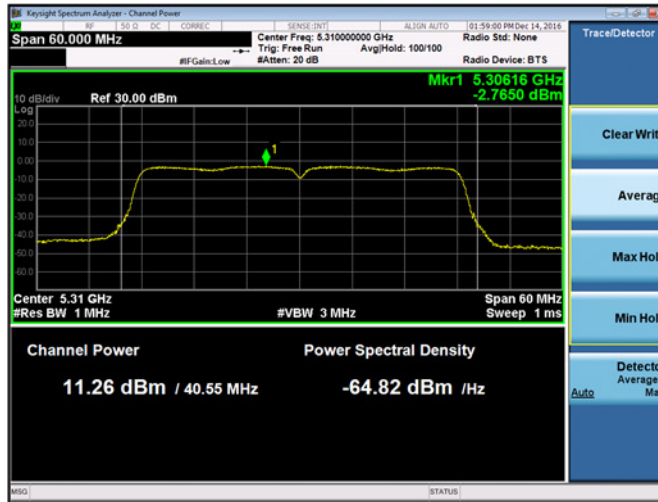
Plot 9-259. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 38)



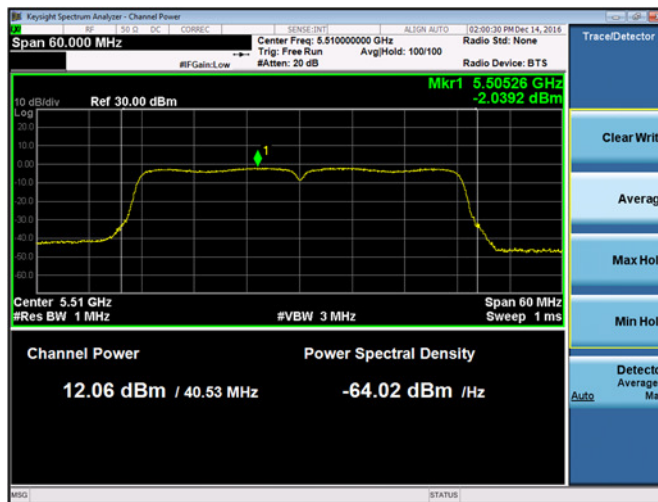
Plot 9-260. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 46)



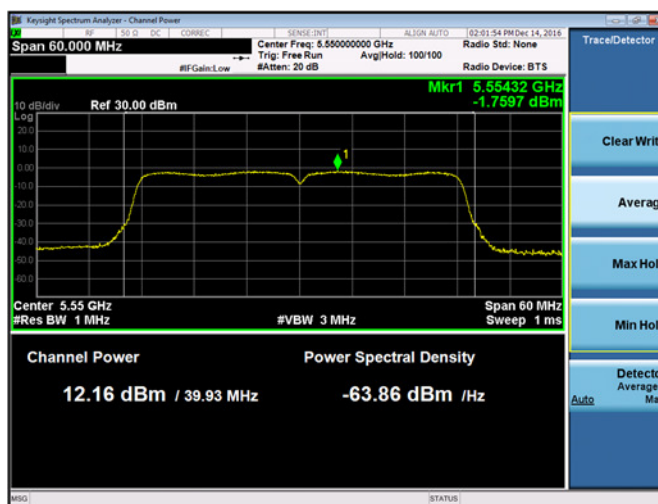
Plot 9-261. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 54)



Plot 9-262. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 62)

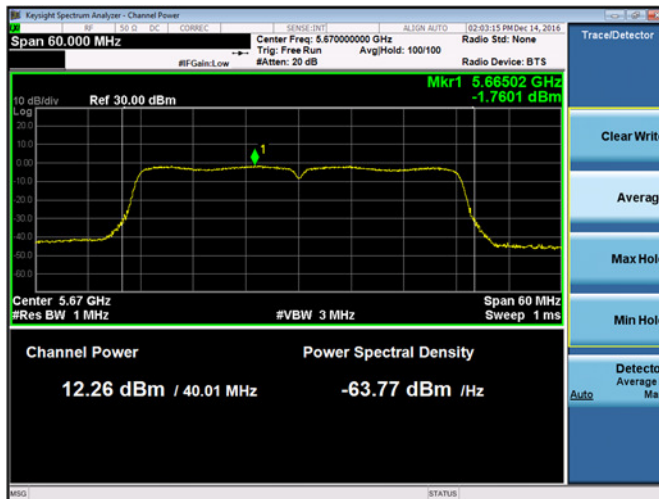


Plot 9-263. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 102)

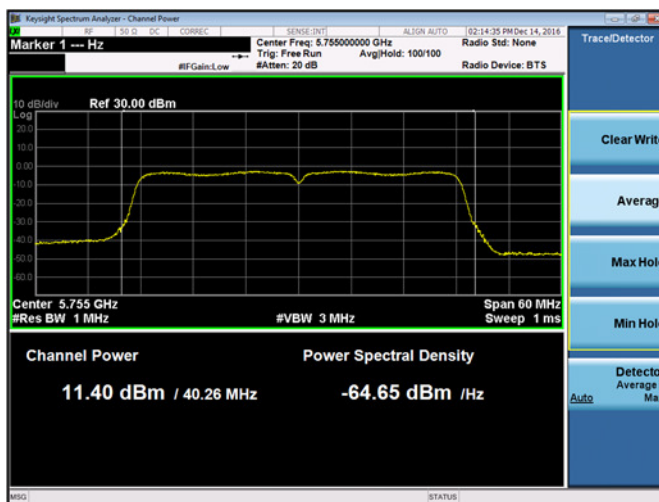


Plot 9-264. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 110)

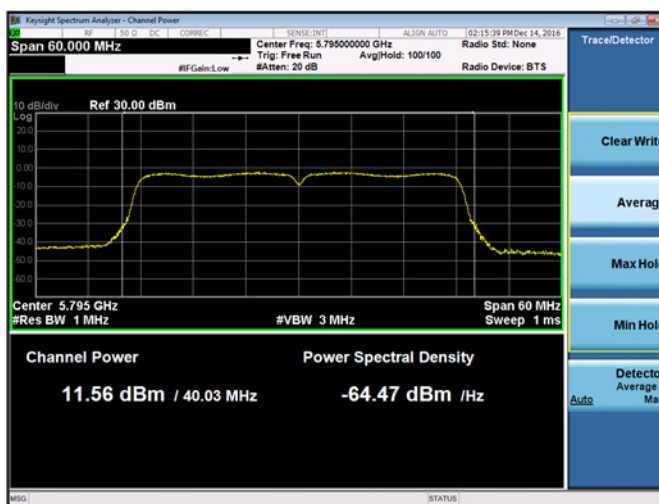




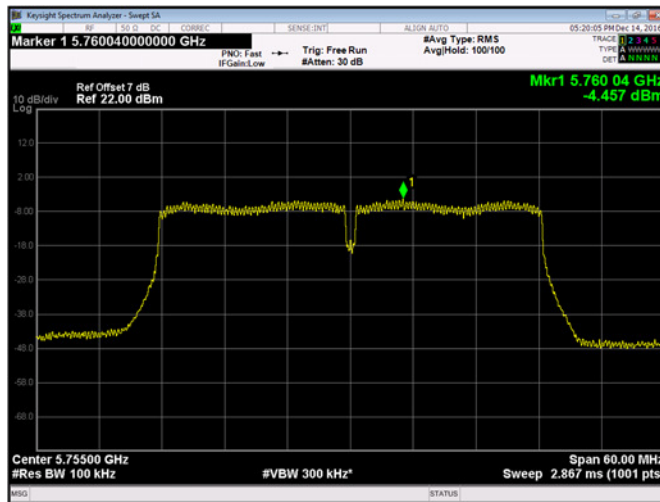
Plot 9-265. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 134)



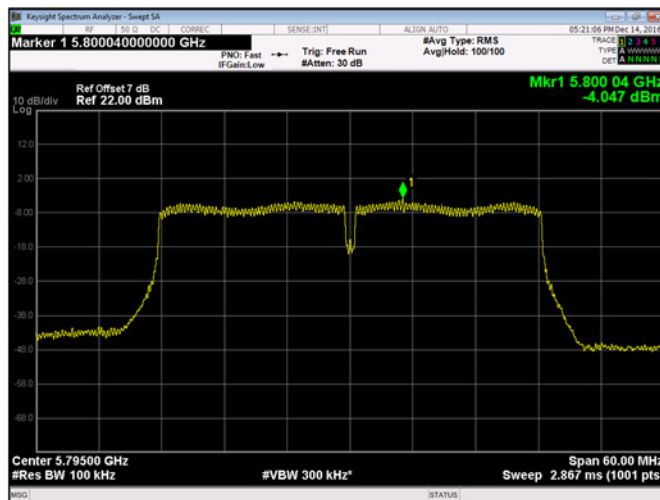
Plot 9-266. Max Conducted Output Power Chain A 802.11ac VHT40 (Ch. 151)



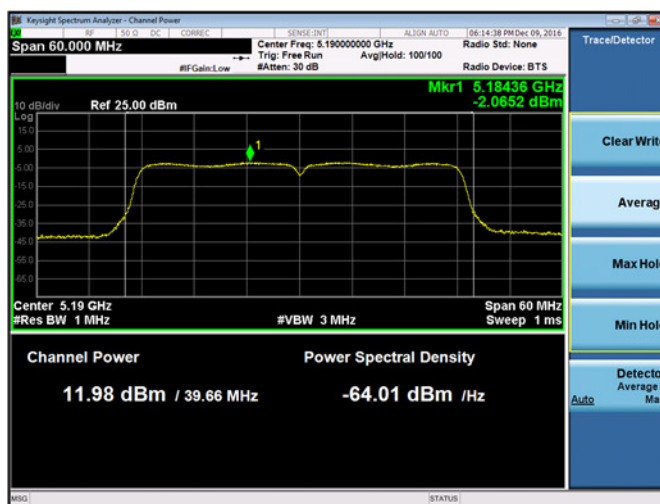
Plot 9-267. Max Conducted Output Power Chain A 802.11ac VHT40 (Ch. 159)



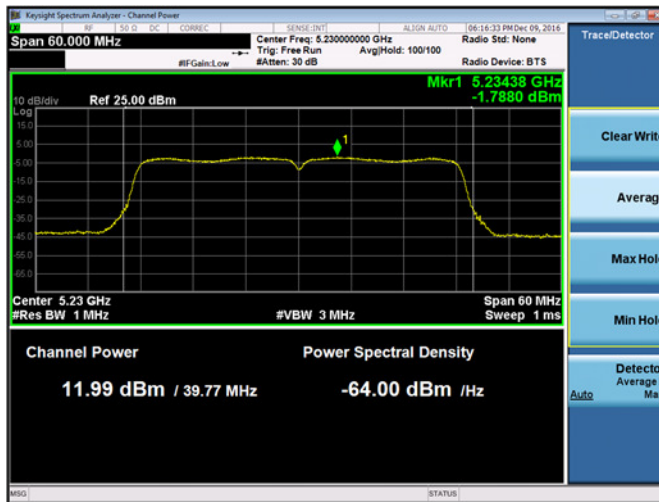
Plot 9-268. Maximum Power Spectral Density Chain A 802.11ac VHT40 (Ch. 151)



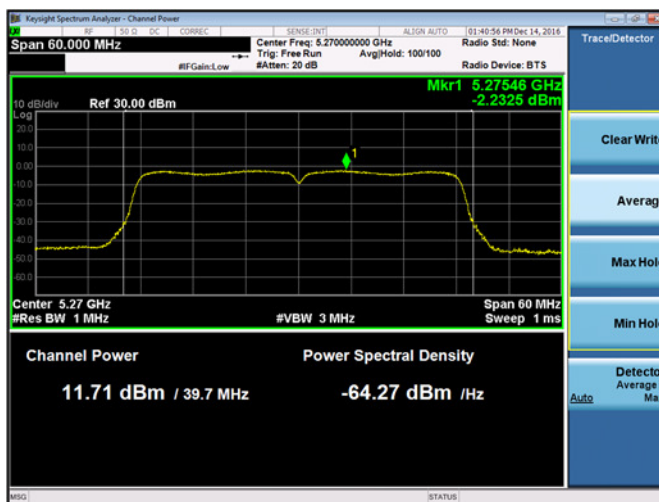
Plot 9-269. Maximum Power Spectral Density Chain A 802.11ac VHT40 (Ch. 159)



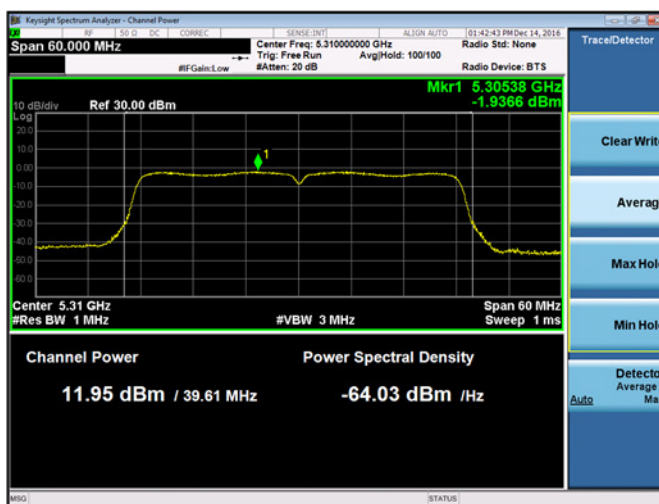
Plot 9-270. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 38)



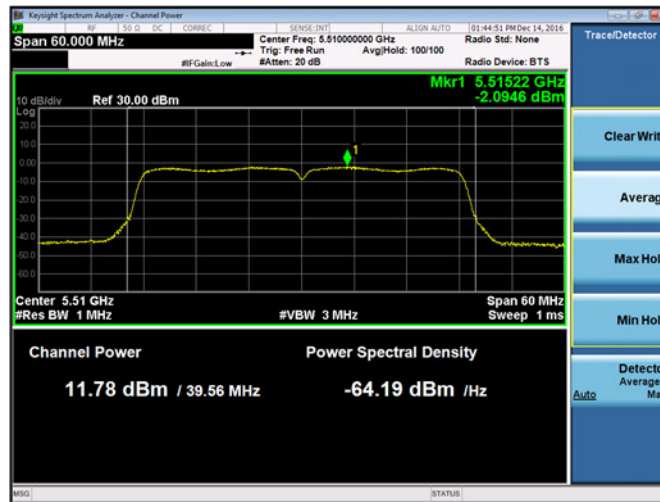
Plot 9-271. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 46)



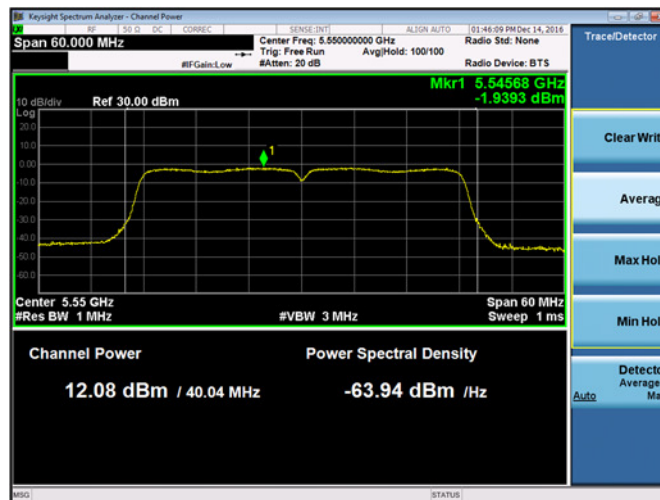
Plot 9-272. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 54)



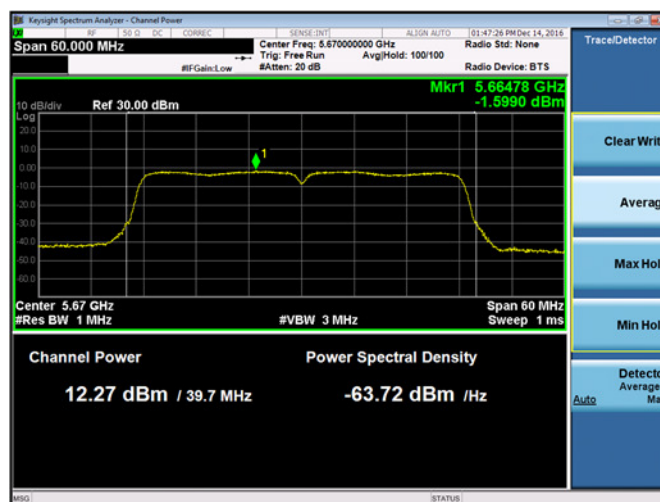
Plot 9-273. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 62)



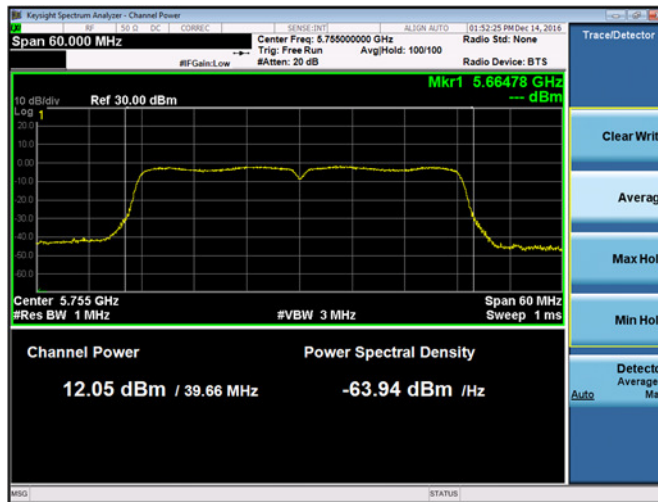
Plot 9-274. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 102)



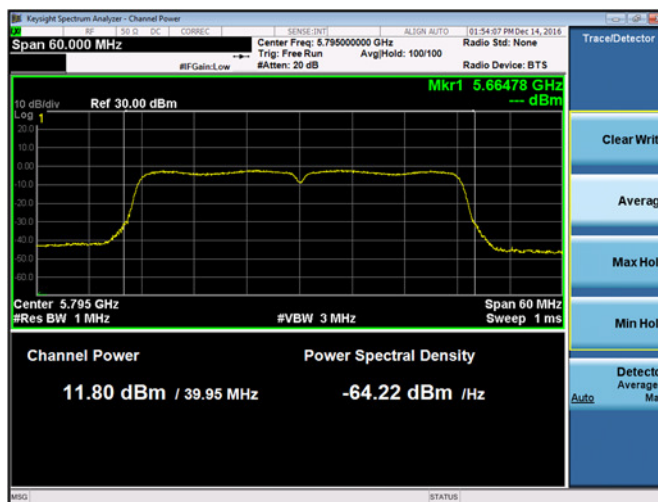
Plot 9-275. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 110)



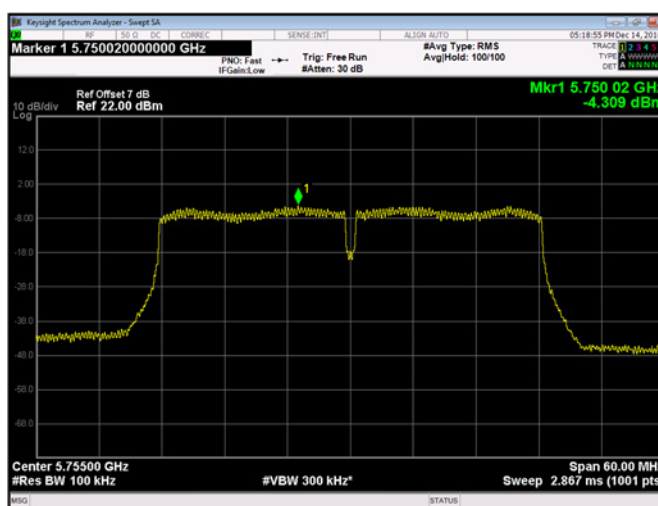
Plot 9-276. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 134)



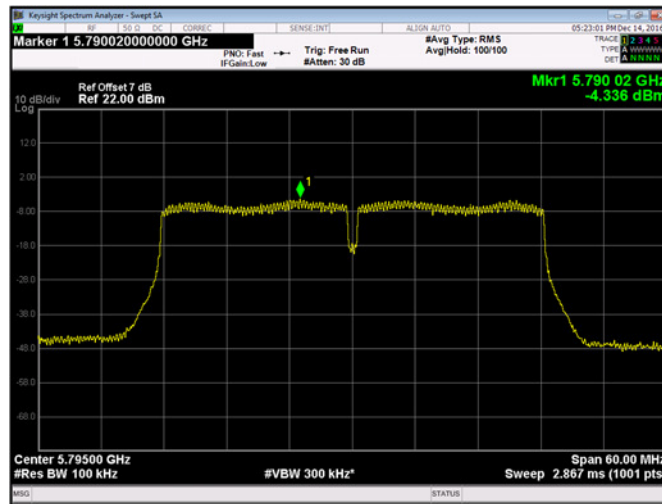
Plot 9-277. Maximum Conducted Output Power Chain B 802.11ac VHT40 (Ch. 151)



Plot 9-278. Maximum Conducted Output Power Chain B 802.11ac VHT40 (Ch. 169)



Plot 9-279. Maximum Power Spectrum Density Chain B 802.11ac VHT40 (Ch. 151)



Plot 9-280. Maximum Power Spectrum Density Chain B 802.11ac VHT40 (Ch. 159)



**9.5.5.11 Chain A+B 802.11ac VHT80 Maximum Conducted Output Power**

Chain A+B 802.11ac VHT80 Maximum Conducted Output Power								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total Power (dBm)	15.407 Limit (dBm)	RSS-247 Limit (dBm)	15.407 Margin (dB)	RSS-247 Margin (dB)
42	5210	8.59	8.76	11.69	24.00	--	-12.31	--
58	5290	8.75	9.15	11.96	24.00	24.00	-12.04	-12.04
106	5530	7.93	8.63	11.30	24.00	24.00	-12.70	-12.70
122	5610	11.39	11.67	14.54	24.00	24.00	-9.46	-9.46
155	5775	9.83	9.76	12.81	30.00	30.00	-17.19	-17.19

Chain A+B 802.11ac VHT80 E.I.R.P						
Channel No.	Frequency (MHz)	Total Power (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	RSS-247 E.I.R.P Limit (dBm)	RSS-247 E.I.R.P. Margin (dB)
42	5210	11.69	3.30	14.99	23.00	-8.01
58	5290	11.96	3.50	15.46	30.00	-14.54
106	5530	11.30	5.20	16.50	30.00	-13.50
122	5610	14.54	5.20	19.74	30.00	-10.26
155	5775	12.81	4.35	17.16	--	--

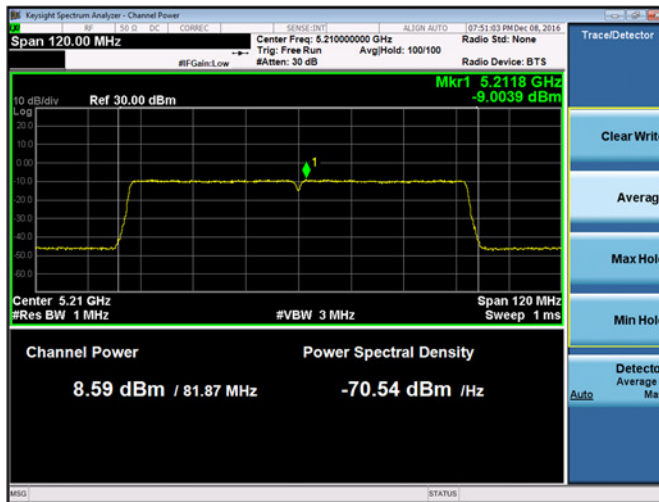
**9.5.5.12 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density**

UNII-1 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density/MHz										
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{MHz}$	Total Ant. Gain (dBi)	Total EIRP PSD $\frac{dBm}{MHz}$	15.407 Limit $\frac{dBm}{MHz}$	RSS-247 EIRP PSD Limit $\frac{dBm}{MHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
42	5210	-9.00	-8.92	-5.95	6.31	0.36	10.69	10.00	-16.64	-9.64

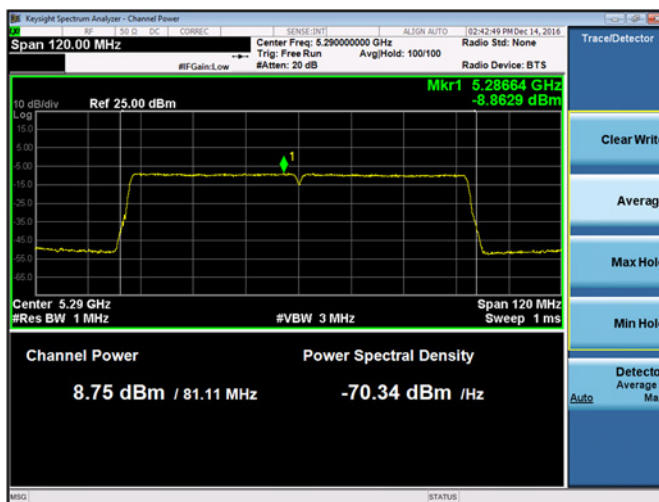
UNII-2A and UNII-2C Chain A+B 802.11ac VHT80 Maximum Power Spectral Density/MHz									
Channel No.	Frequency (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{MHz}$	15.407 Limit $\frac{dBm}{MHz}$	RSS-247 Limit $\frac{dBm}{MHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)	
58	5290	-8.86	-8.50	-5.67	10.49	11.00	-16.16	-16.67	
106	5530	-9.53	-8.78	-6.13	8.79	11.00	-14.92	-17.13	
122	5610	-6.00	-5.93	-2.95	8.79	11.00	-11.74	-13.95	

UNII-3 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density/500kHz								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{500 kHz}$	15.407 Limit $\frac{dBm}{500 kHz}$	RSS-247 Limit $\frac{dBm}{500 kHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
155	5775	-10.02	-10.15	-7.07	28.64	28.64	-37.07	-37.07

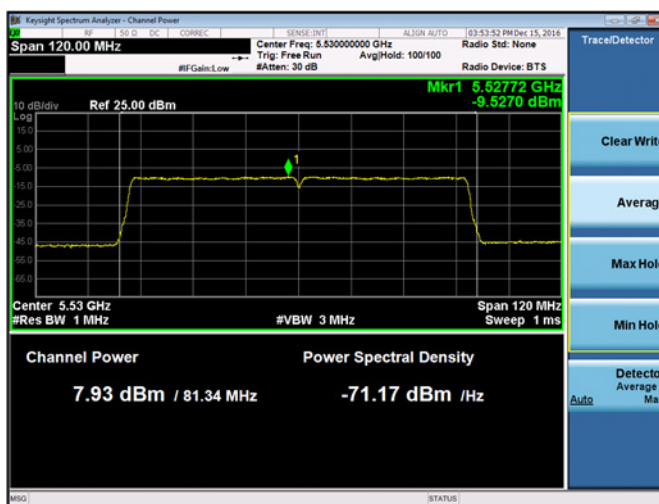




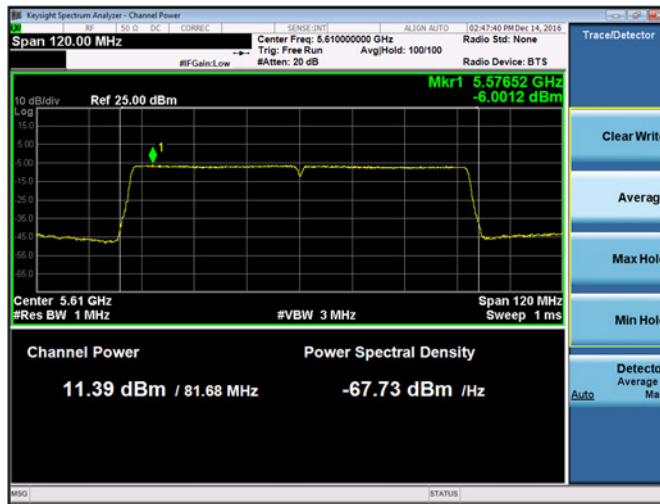
Plot 9-281. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 42)



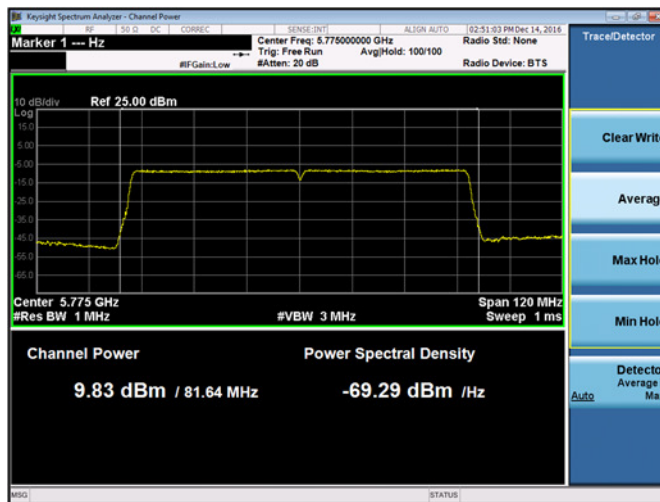
Plot 9-282. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 58)



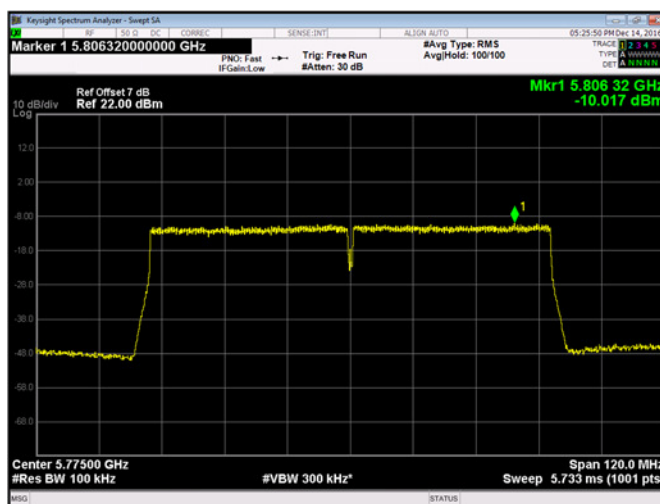
Plot 9-283. Max Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 106)



Plot 9-284. Max Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 122)



Plot 9-285. Max Conducted Output Power Chain A 802.11ac VHT80 (Ch. 155)



Plot 9-286. Max Power Spectral Density Chain A 802.11ac VHT80 (Ch. 155)