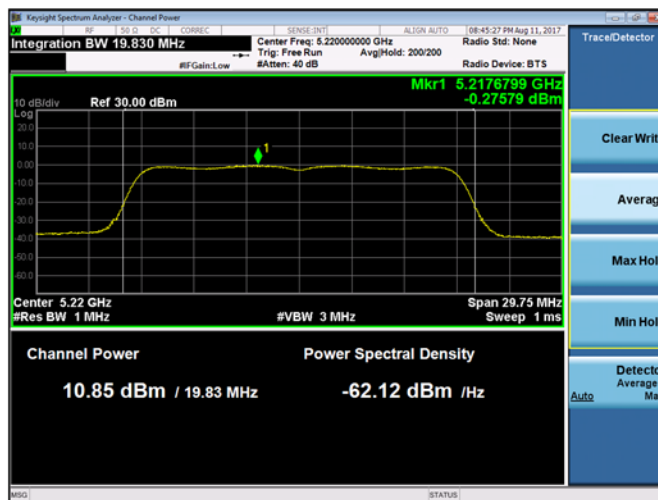
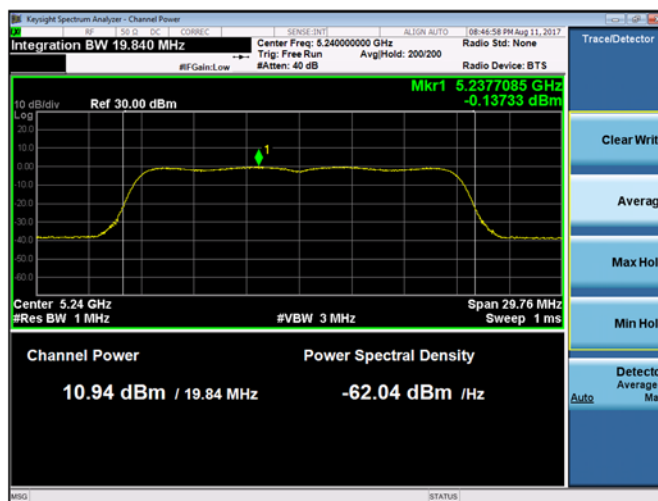


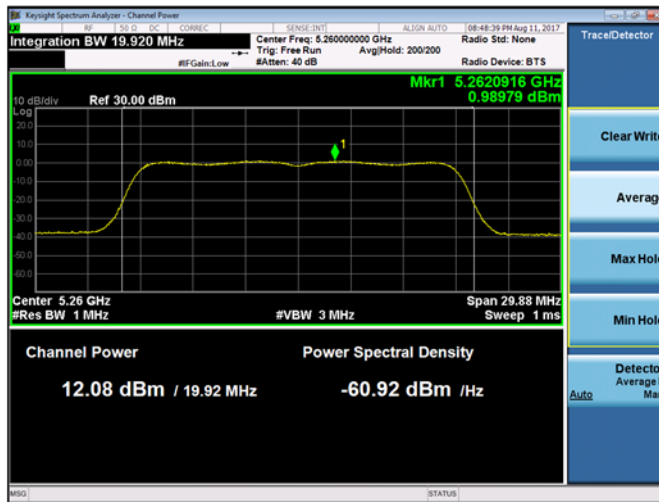
Plot 9-265. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 36)



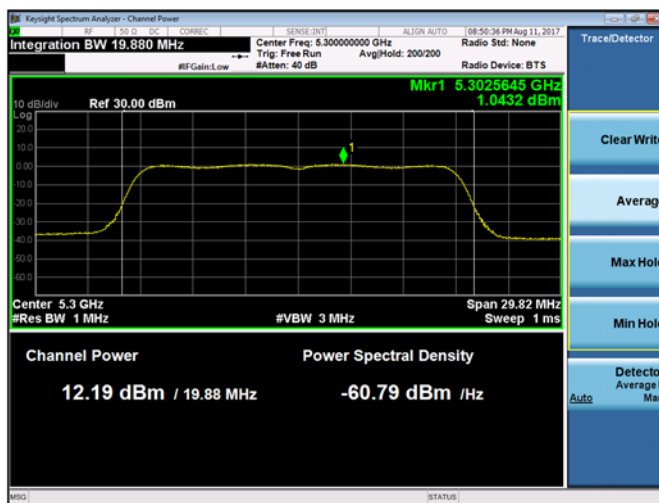
Plot 9-266. Maximum Conducted Output Power and PSD Chain A 802.11ac VH20 (Ch. 44)



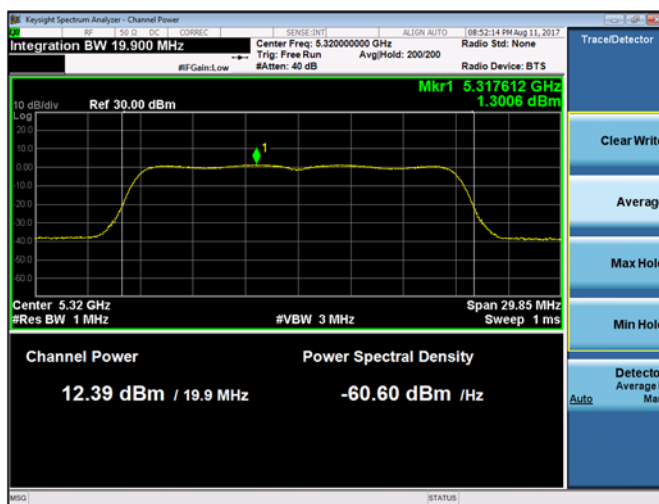
Plot 9-267. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 48)



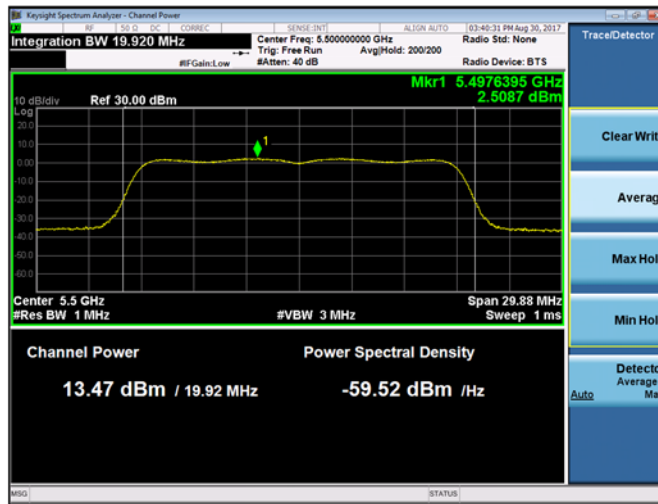
Plot 9-268. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 52)



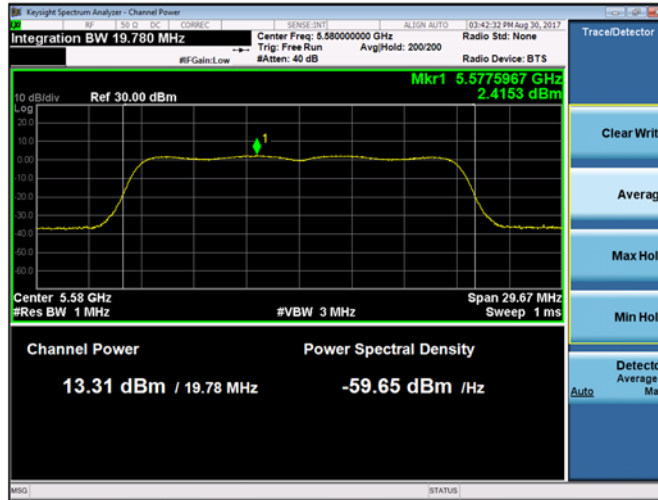
Plot 9-269. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT20 (Ch. 60)



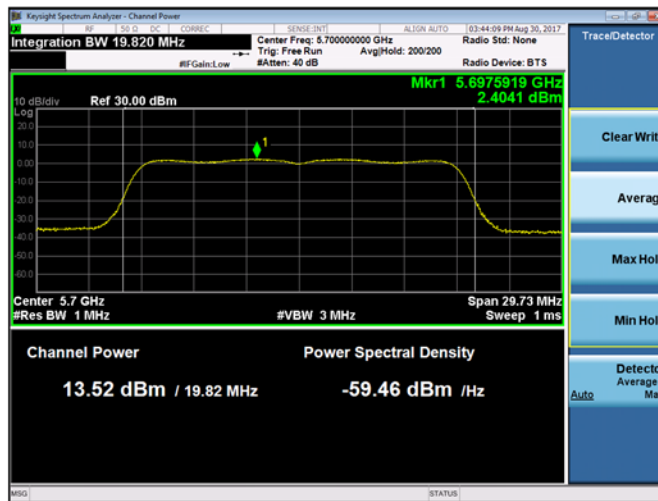
Plot 9-270. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 64)



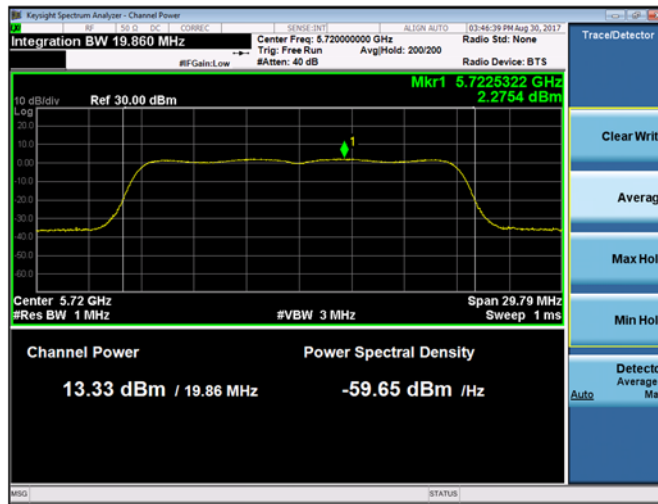
Plot 9-271. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 100)



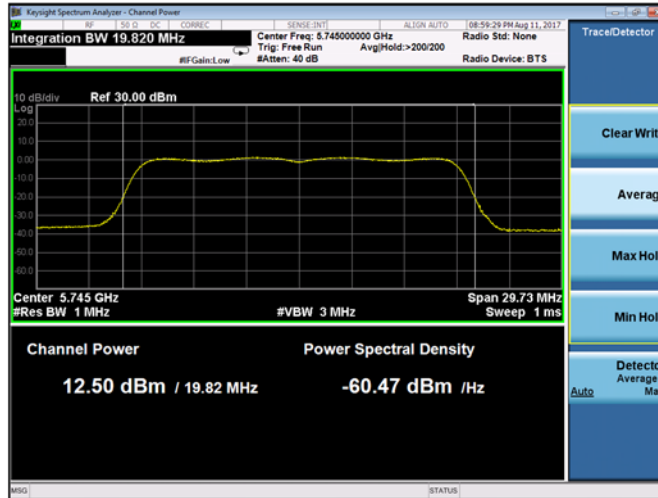
Plot 9-272. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 116)



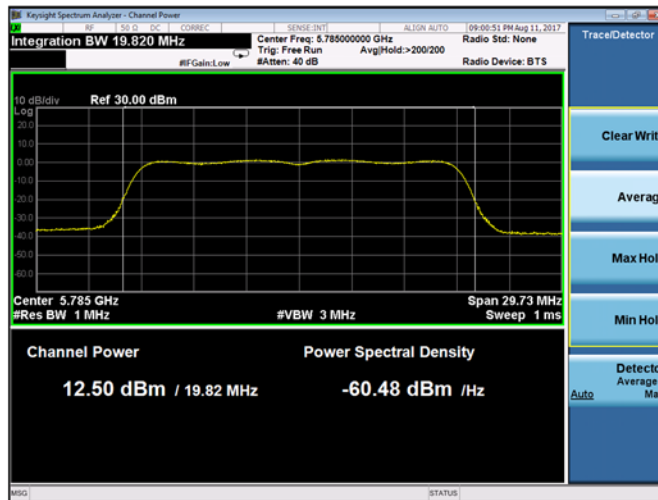
Plot 9-273. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 140)



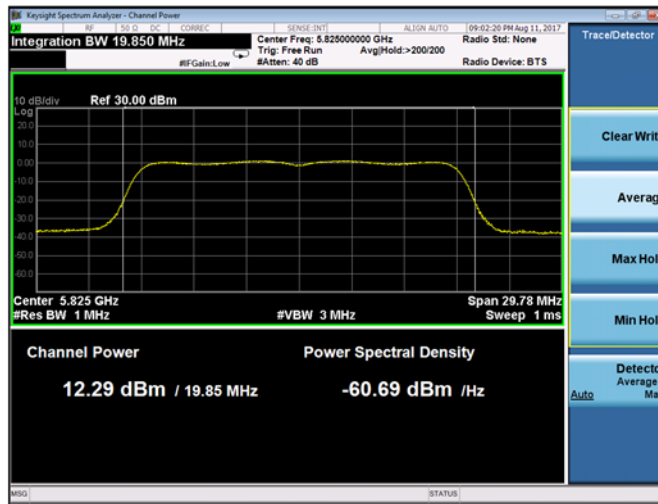
Plot 9-274. Maximum Output Power and PSD Chain A 802.11ac VHT20 (Ch. 144)



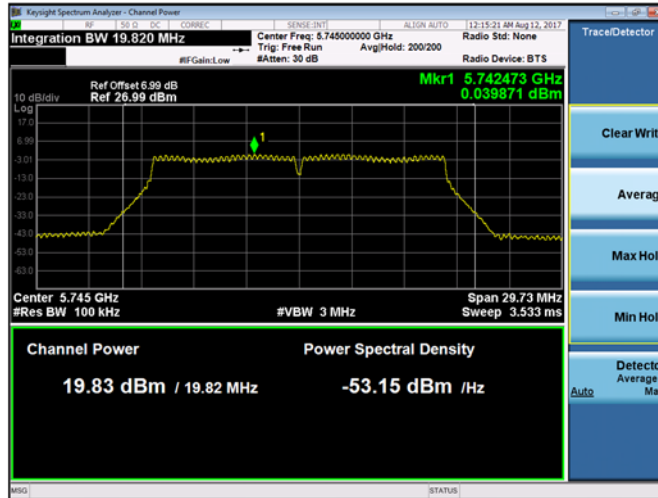
Plot 9-275. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 149)



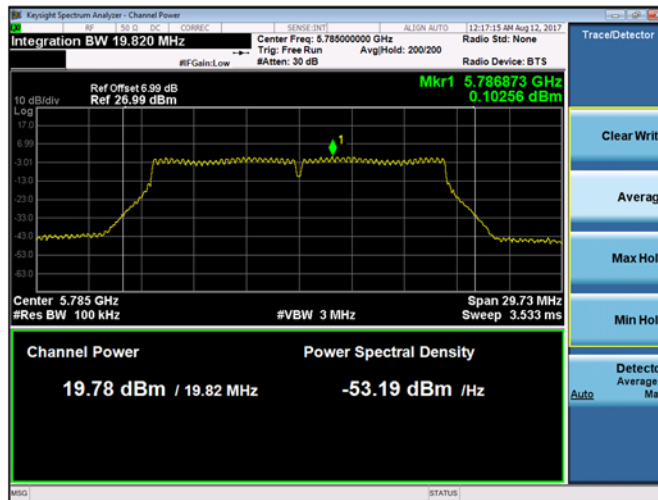
Plot 9-276. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 157)



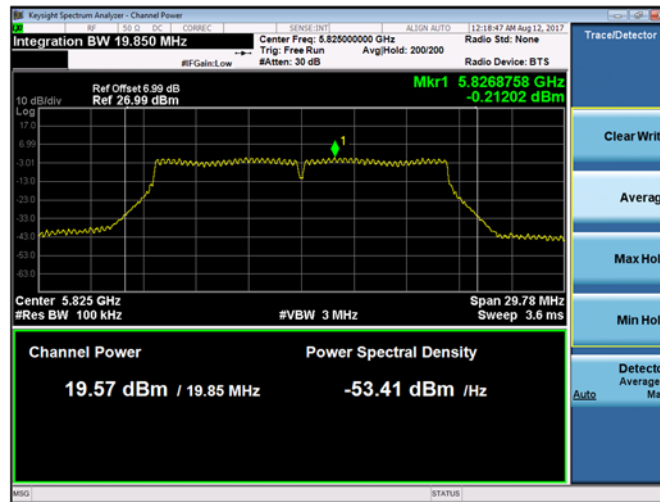
Plot 9-277. Maximum Output Power Chain A 802.11ac VHT20 (Ch. 165)



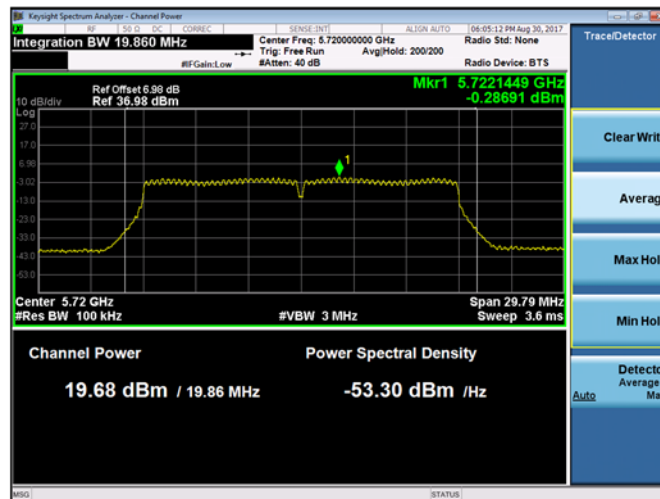
Plot 9-278. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 116)



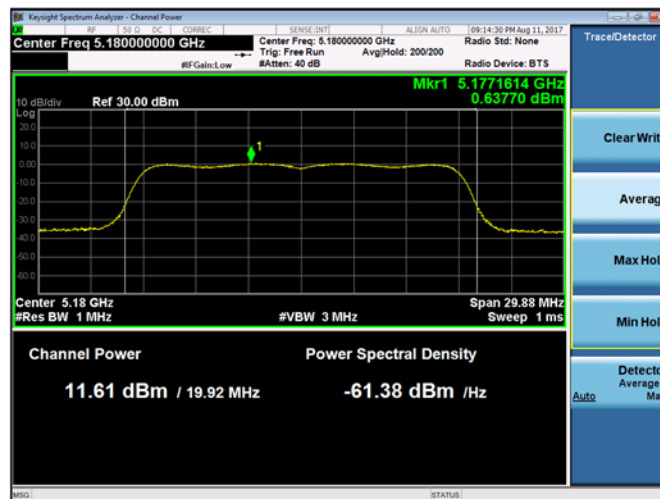
Plot 9-279. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 157)



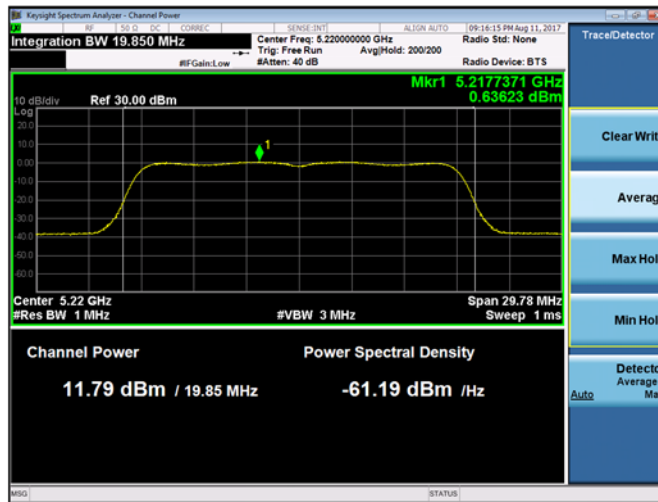
Plot 9-280. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 165)



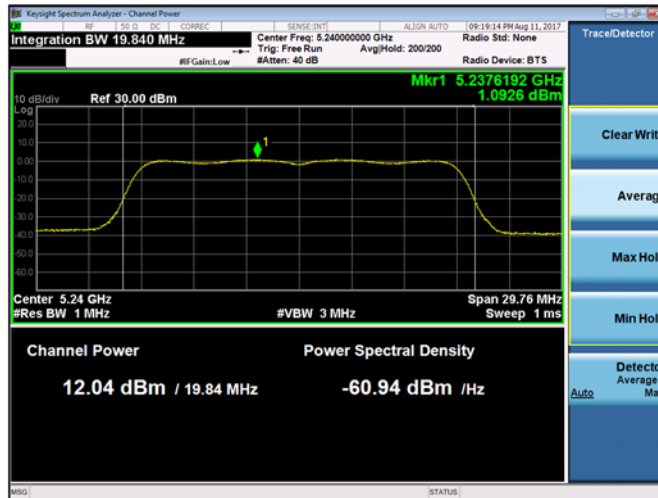
Plot 9-281. Maximum Power Density Chain A 802.11ac VHT20 (Ch. 144)



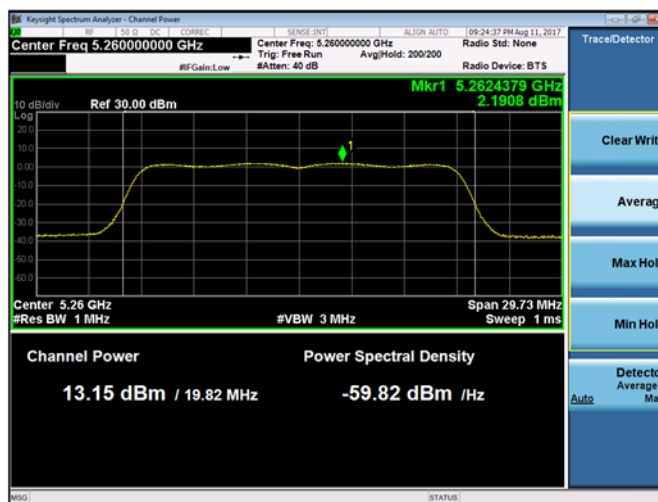
Plot 9-282. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 36)



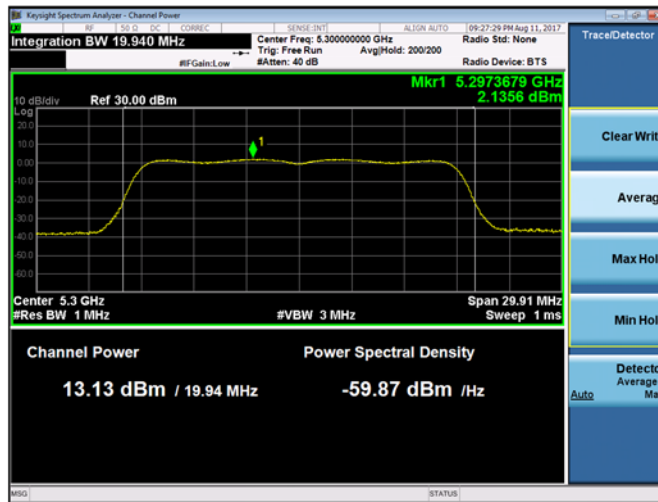
Plot 9-283. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 44)



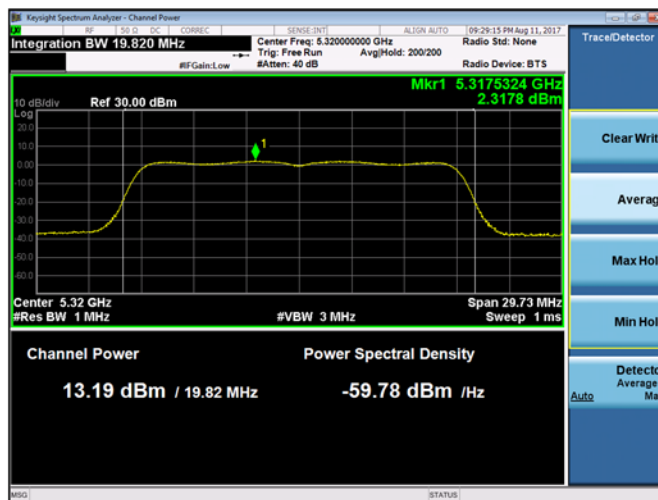
Plot 9-284. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 48)



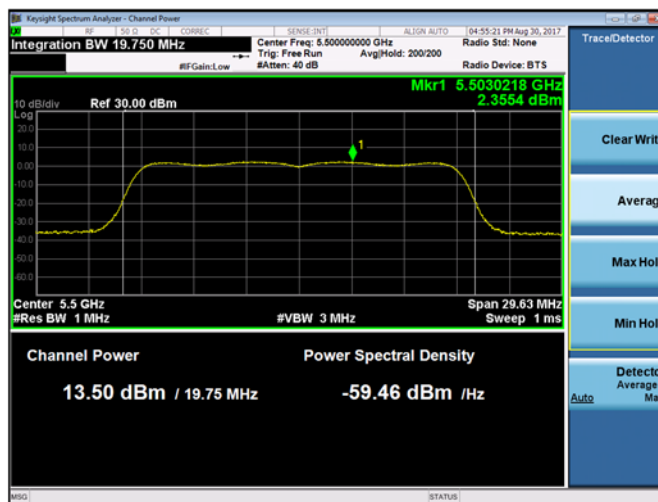
Plot 9-285. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 52)



Plot 9-286. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 60)

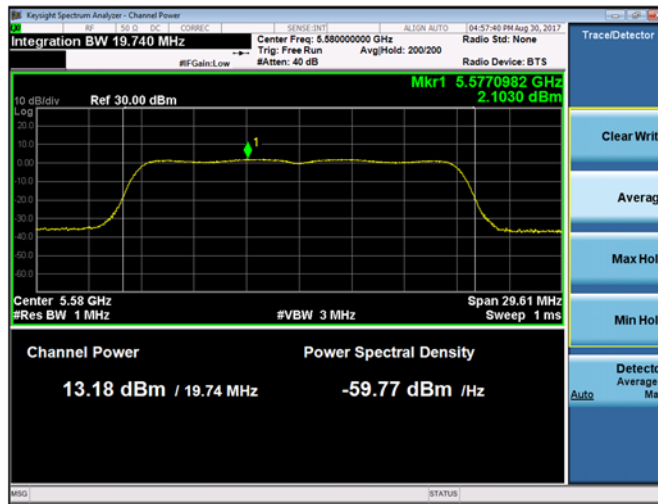


Plot 9-287. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch. 64)

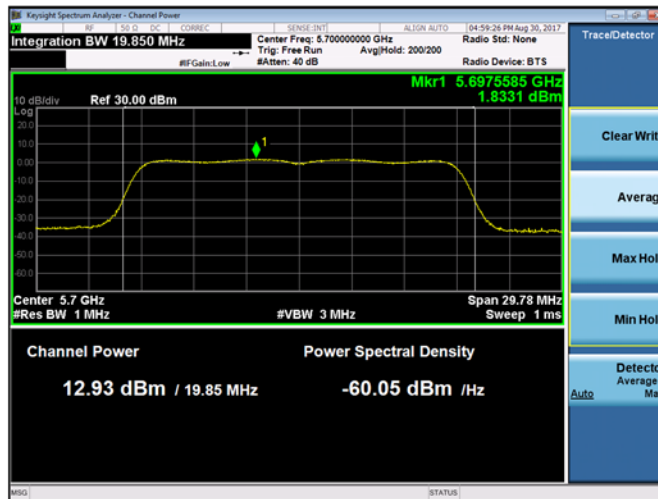


Plot 9-288. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.100)

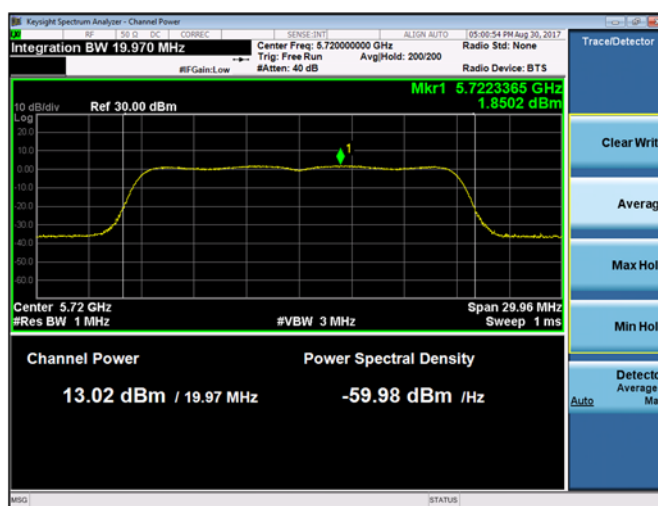




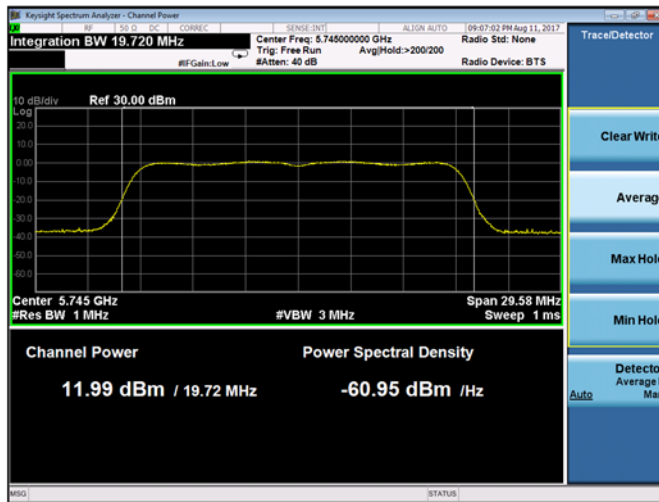
Plot 9-289. Max Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.116)



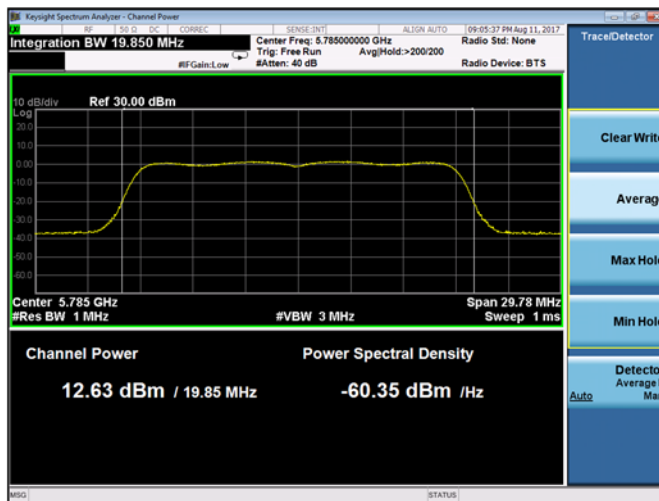
Plot 9-290. Max Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.140)



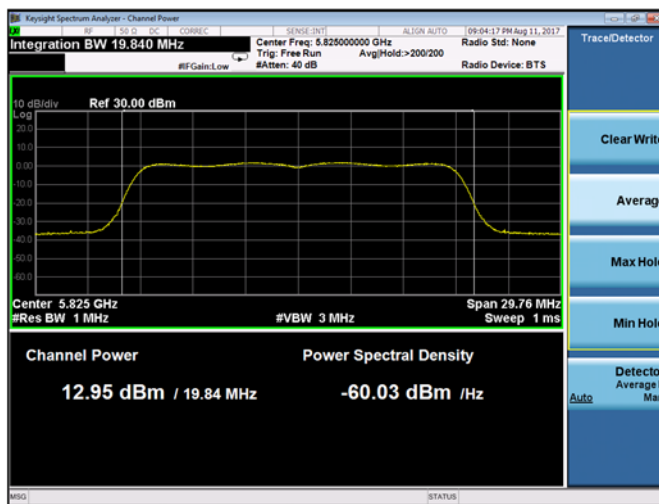
Plot 9-291. Max Conducted Output Power and PSD Chain B 802.11ac VHT20 (Ch.144)



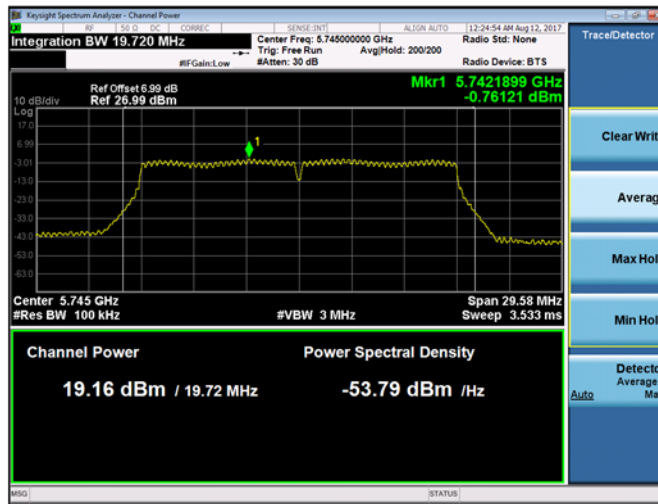
Plot 9-292. Max Conducted Output Power Chain B 802.11ac VHT20 (Ch.149)



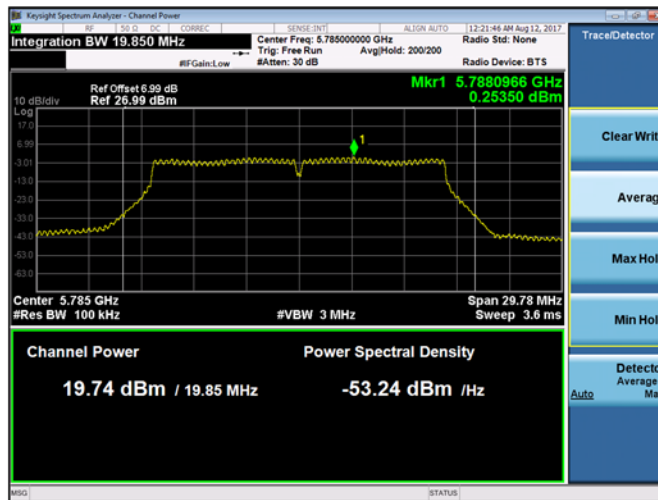
Plot 9-293. Maximum Conducted Output Power Chain B 802.11ac VHT20 (Ch. 157)



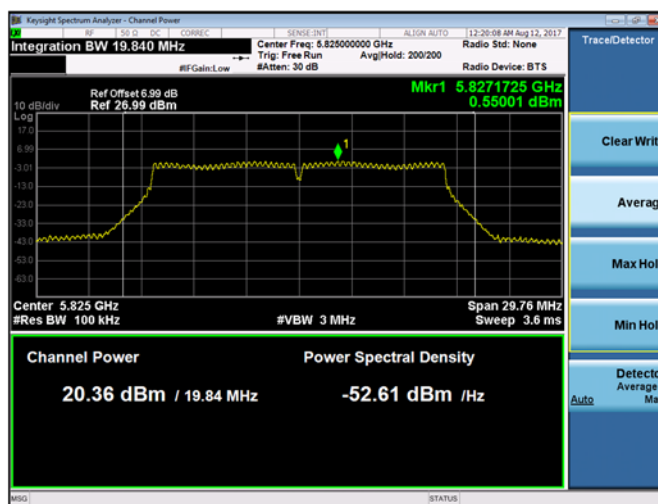
Plot 9-294. Maximum Conducted Output Power Chain B 802.11ac VHT20 (Ch. 165)



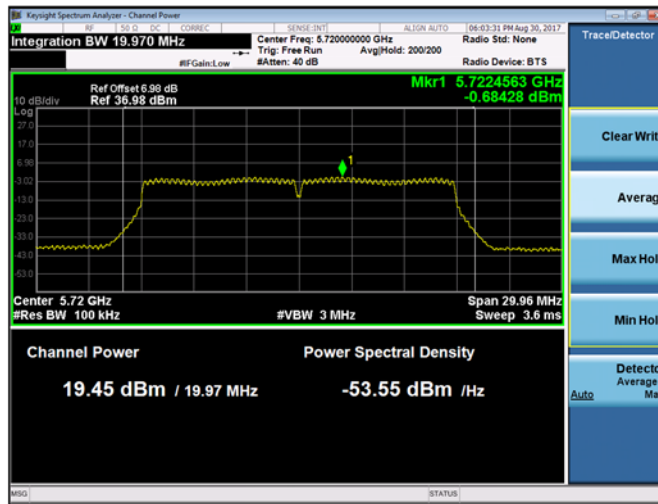
Plot 9-295. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 149)



Plot 9-296. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 157)



Plot 9-297. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 165)



Plot 9-298. Maximum Power Spectral Density Chain B 802.11ac VHT20 (Ch. 144)

**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	9.06	9.76	12.50	24.00	--	-11.50	--
46	5230	12.07	13.07	15.68	24.00	--	-8.32	--
54	5270	12.25	13.3	15.88	24.00	24.00	-8.12	-8.12
62	5310	11.63	12.25	15.03	24.00	24.00	-8.97	-8.97
102	5510	10.72	10.5	13.69	24.00	24.00	-10.31	-10.31
110	5550	12.48	12.44	15.54	24.00	24.00	-8.46	-8.46
134	5670	12.58	12.27	15.51	24.00	24.00	-8.49	-8.49
142	5710	12.93	12.42	15.76	24.00	24.00	-8.24	-8.24
151	5755	12.84	12.41	15.71	30.00	30.00	-14.29	-14.29
159	5795	12.85	13.01	16.01	30.00	30.00	-13.99	-13.99

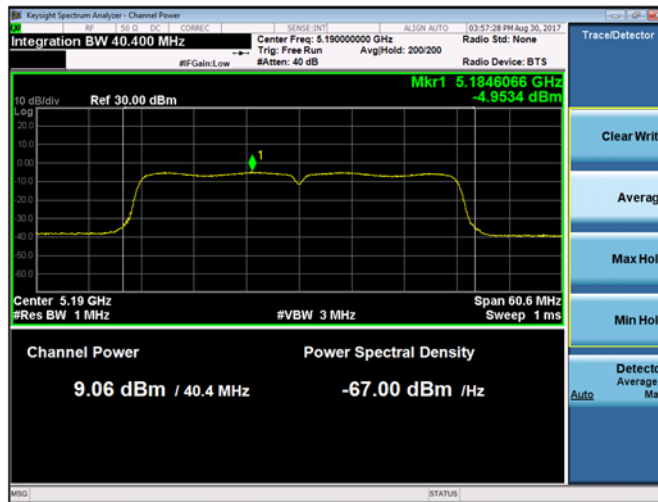
Chain A+B 802.11ac VHT40 E.I.R.P						
Channel No.	Frequency (MHz)	Total Power (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	RSS-247 E.I.R.P Limit (dBm)	RSS-247 E.I.R.P. Margin (dB)
38	5190	12.50	3.30	15.80	23.00	-7.20
46	5230	15.68	3.30	18.97	23.00	-4.03
54	5270	15.88	3.30	19.18	30.00	-10.82
62	5310	15.03	3.30	18.33	30.00	-11.67
102	5510	13.69	3.41	17.10	30.00	-12.90
110	5550	15.54	3.41	18.95	30.00	-11.05
134	5670	15.51	3.41	18.92	30.00	-11.08
142	5710	15.76	3.41	19.17	30.00	-10.83
151	5755	15.71	2.39	18.10	--	--
159	5795	16.01	2.39	18.40	--	--

9.5.5.10 Chain A+B 802.11ac VHT40 Maximum Spectral Density

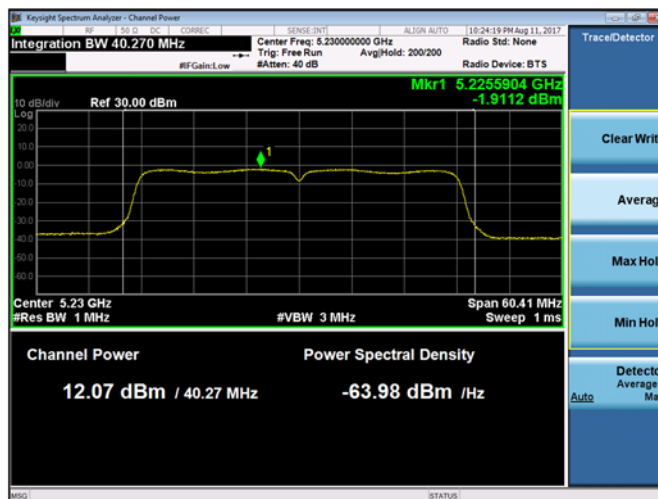
UNII-1 Chain A+B 802.11ac VHT40 Maximum Power Spectral Density/MHz										
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{MHz}$	Total Ant. Gain (dBi)	Total EIRP PSD $\frac{dBm}{MHz}$	15.407 Limit $\frac{dBm}{MHz}$	RSS-247 EIRP PSD Limit $\frac{dBm}{MHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
38	5190	-4.95	-4.26	-1.51	6.28	4.76	10.72	10.00	-12.24	-5.24
46	5230	-1.91	-1.04	1.63	6.28	7.91	10.72	10.00	-9.09	-2.09

UNII-2A and UNII-2C Chain A+B 802.11ac VHT40 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)	
54	5270	-1.83	-0.70	1.85	10.72	11.00	-8.87	-9.15	
62	5310	-2.42	-1.63	1.07	10.72	11.00	-9.65	-9.93	
102	5510	-3.47	-3.40	-0.36	10.59	11.00	-10.95	-11.36	
110	5550	-1.69	-1.70	1.38	10.59	11.00	-9.20	-9.62	
134	5670	-1.50	-1.86	1.40	10.59	11.00	-9.18	-9.60	
142	5710	-1.11	-1.68	1.69	10.59	11.00	-8.89	-9.31	

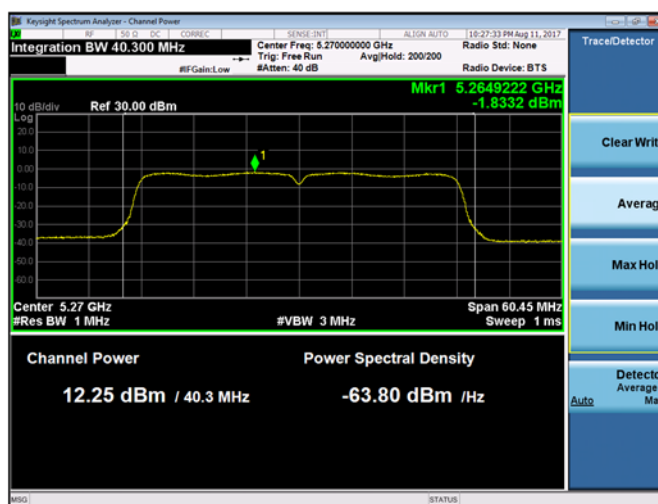
UNII-3 Chain A+B 802.11ac VHT40 Maximum Power Spectral Density/500kHz								
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD $\frac{dBm}{500 kHz}$	15.407 Limit $\frac{dBm}{500 kHz}$	RSS-247 Limit $\frac{dBm}{500 kHz}$	15.407 Margin (dB)	RSS-247 Margin (dB)
151	5755	-3.70	-4.16	-0.84	30.00	30.00	-30.84	-30.84
159	5795	-3.38	-3.18	-0.20	30.00	30.00	-30.20	-30.20
142	5710	-3.50	-4.07	-0.70	30.00	30.00	-30.70	-30.70



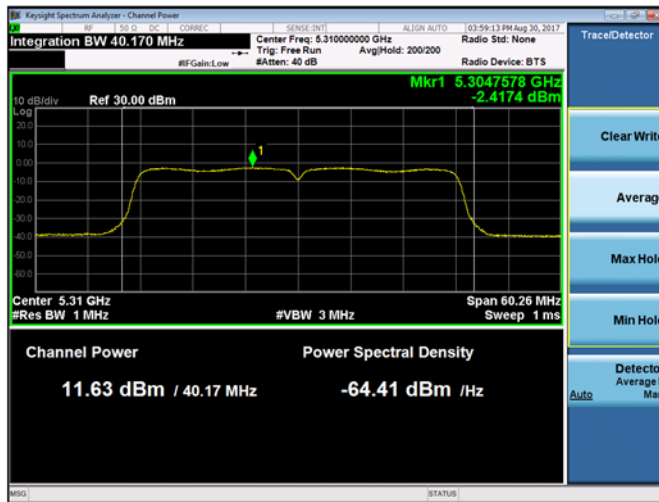
Plot 9-299. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 38)



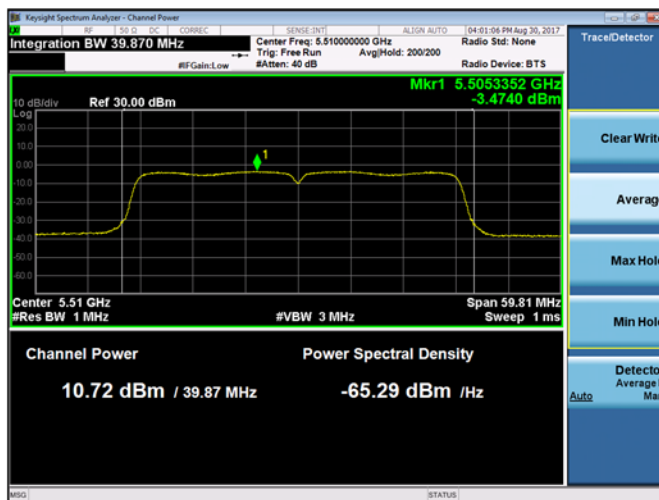
Plot 9-300. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 46)



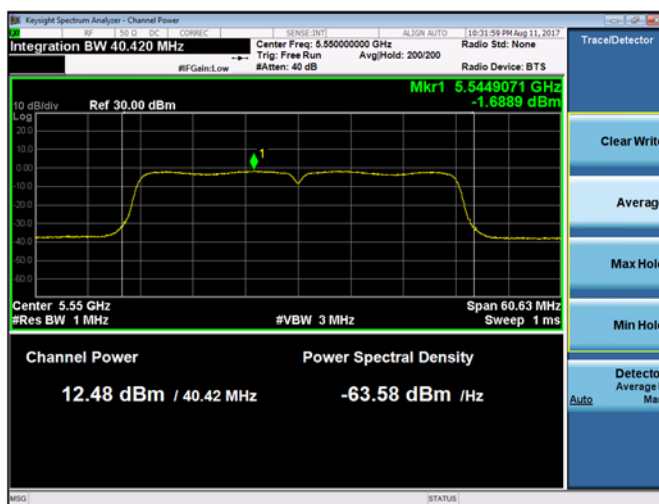
Plot 9-301. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 54)



Plot 9-302. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 62)

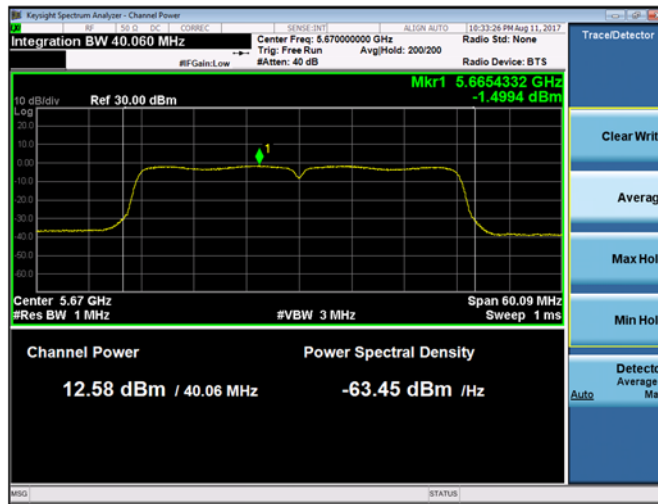


Plot 9-303. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 102)

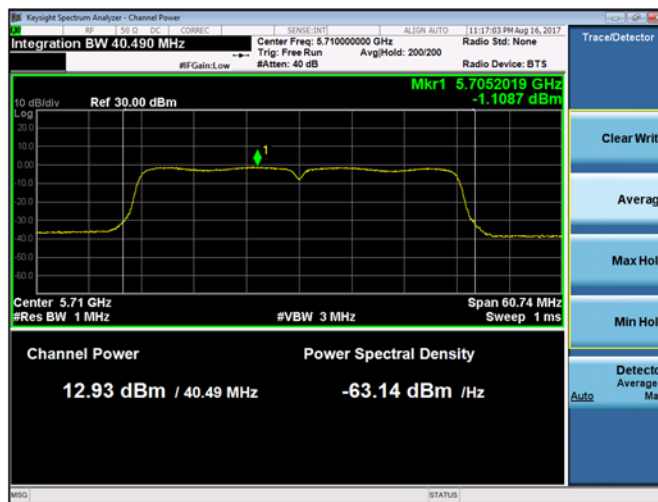


Plot 9-304. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 110)

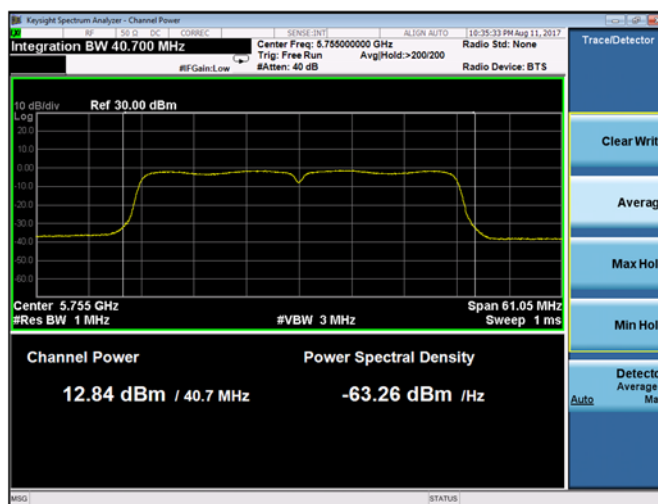




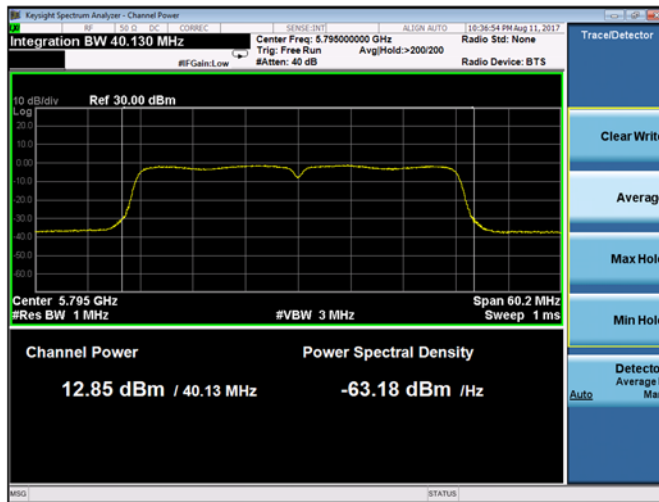
Plot 9-305. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 134)



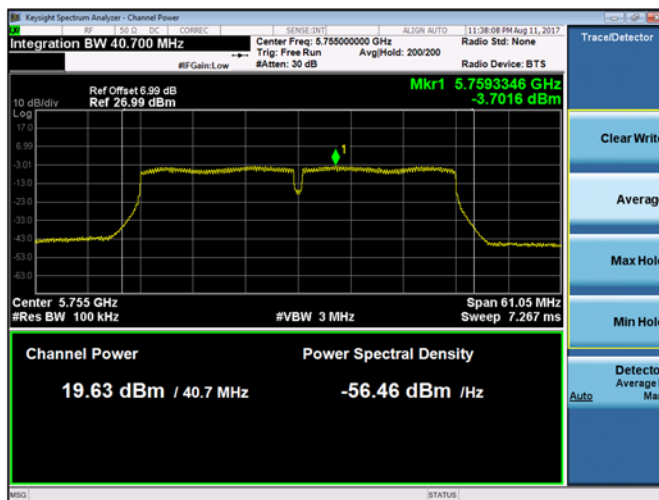
Plot 9-306. Max Conducted Output Power and PSD Chain A 802.11ac VHT40 (Ch. 142)



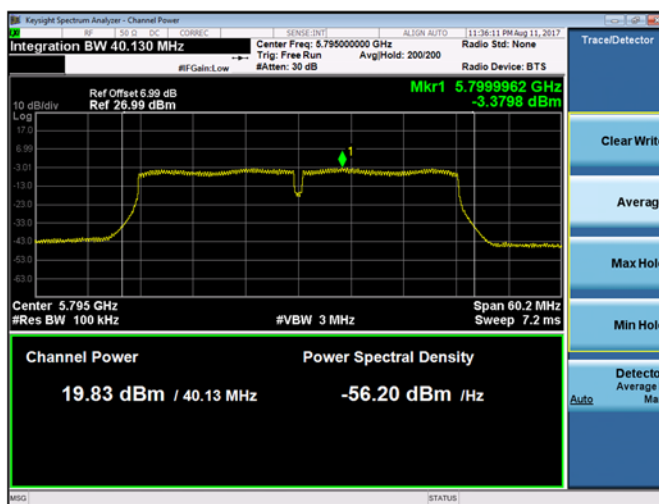
Plot 9-307. Max Conducted Output Power Chain A 802.11ac VHT40 (Ch. 151)



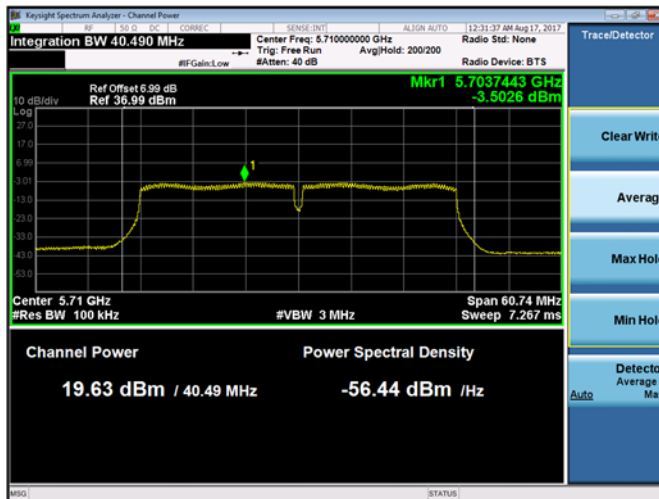
Plot 9-308. Max Conducted Output Power Chain A 802.11ac VHT40 (Ch. 159)



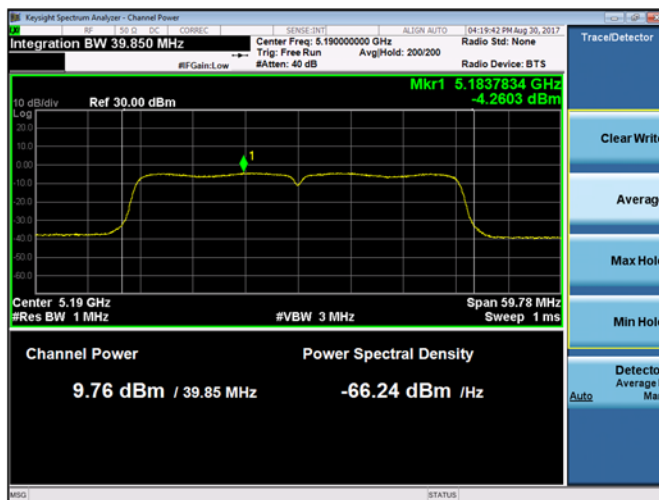
Plot 9-309. Maximum Power Spectral Density Chain A 802.11ac VHT40 (Ch. 151)



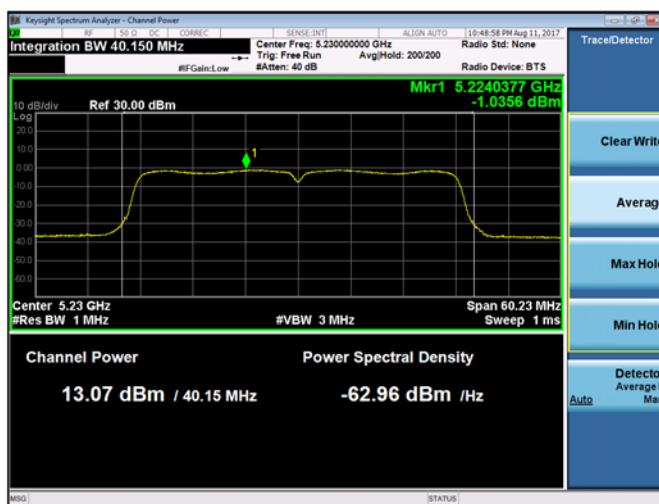
Plot 9-310. Maximum Power Spectral Density Chain A 802.11ac VHT40 (Ch. 159)



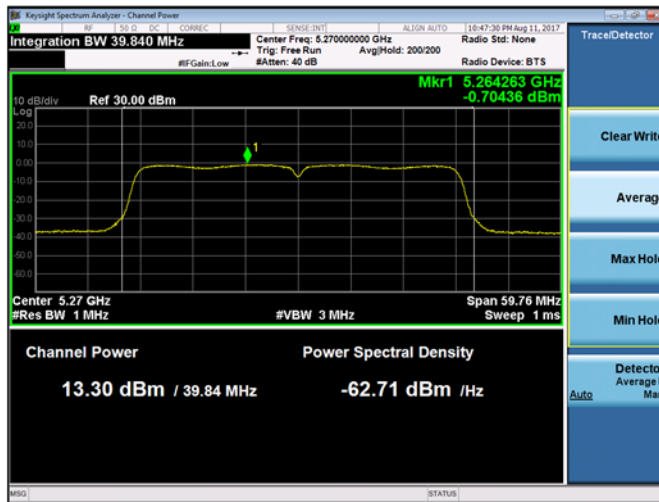
Plot 9-311. Maximum Power Spectral Density Chain A 802.11ac VHT40 (Ch. 142)



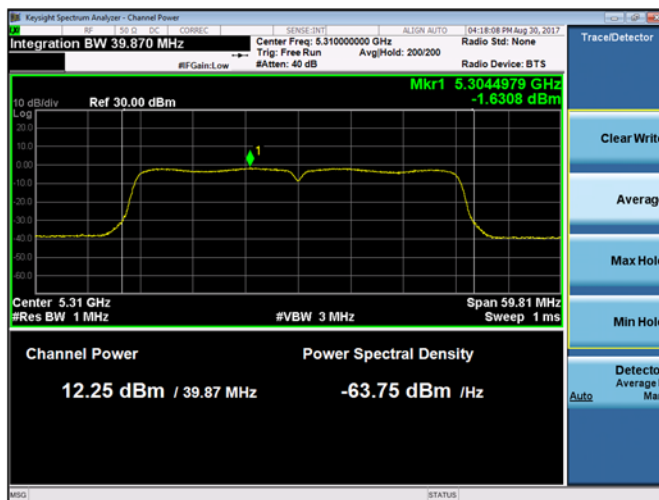
Plot 9-312. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 38)



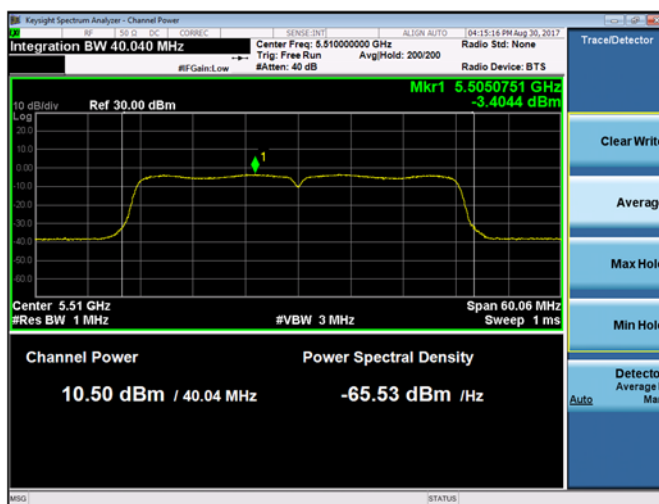
Plot 9-313. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 46)



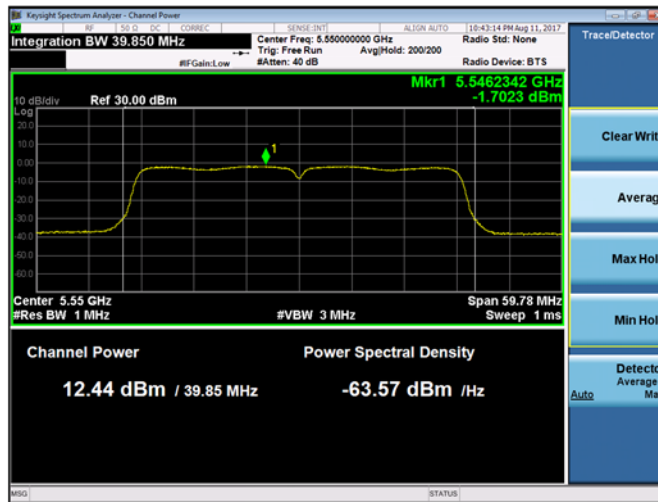
Plot 9-314. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 54)



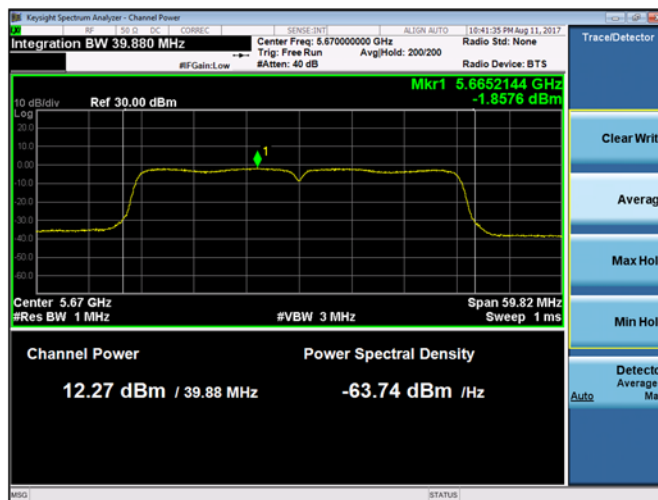
Plot 9-315. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 62)



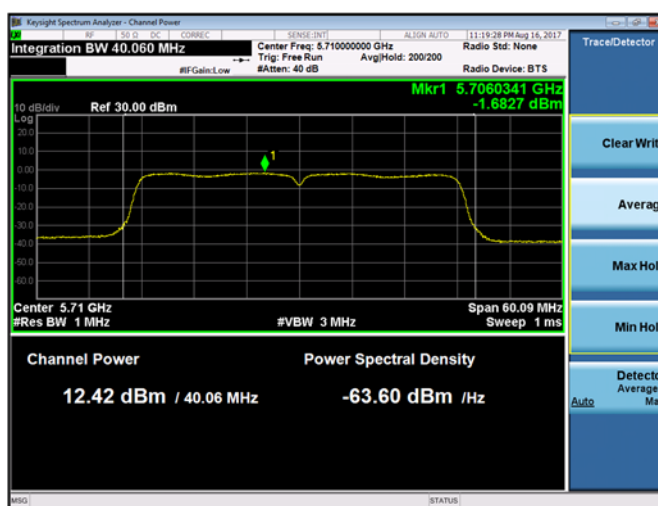
Plot 9-316. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 102)



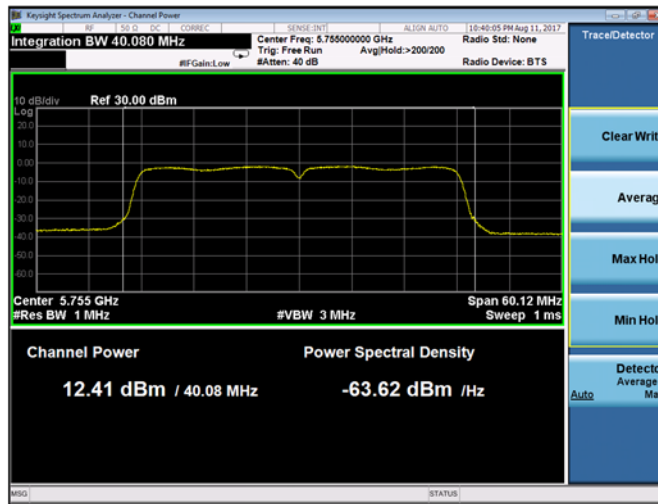
Plot 9-317. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 110)



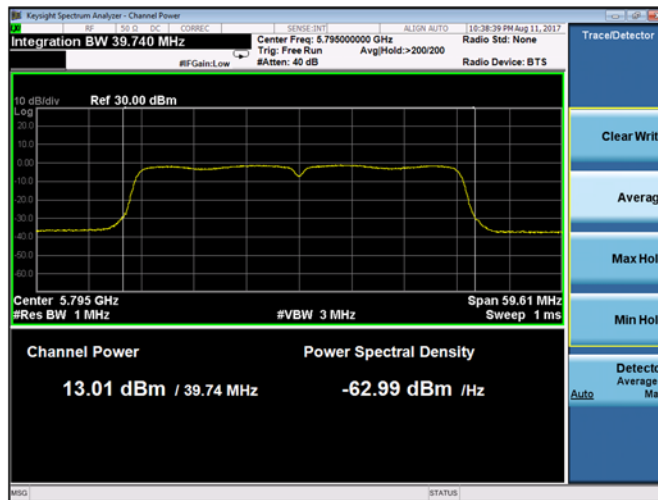
Plot 9-318. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 134)



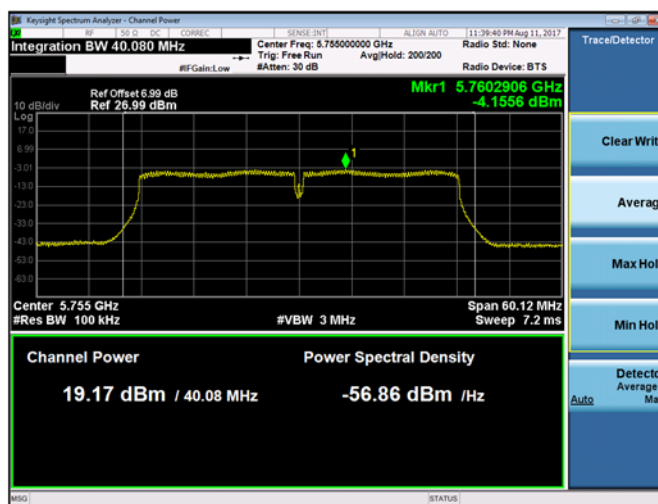
Plot 9-319. Max Conducted Output Power and PSD Chain B 802.11ac VHT40 (Ch. 142)



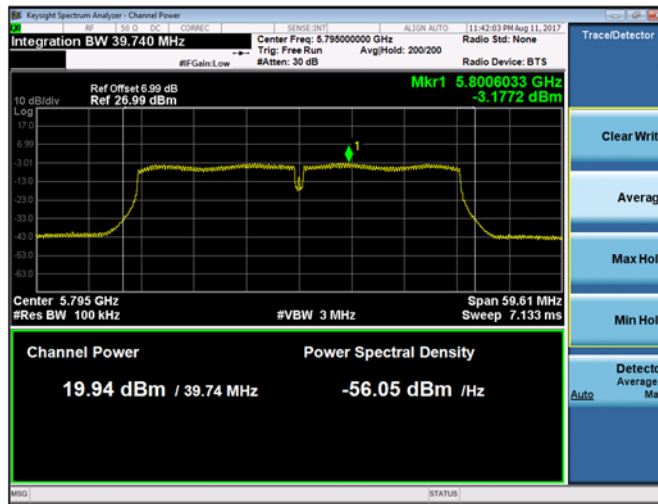
Plot 9-320. Maximum Conducted Output Power Chain B 802.11ac VHT40 (Ch. 151)



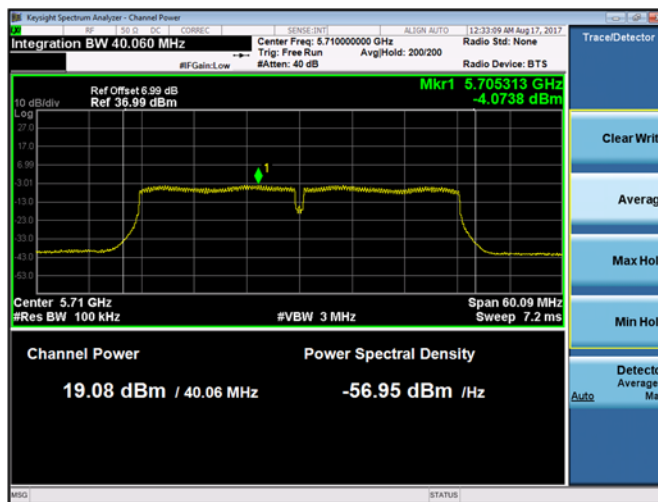
Plot 9-321. Maximum Conducted Output Power Chain B 802.11ac VHT40 (Ch. 169)



Plot 9-322. Maximum Power Spectrum Density Chain B 802.11ac VHT40 (Ch. 151)



Plot 9-323. Maximum Power Spectrum Density Chain B 802.11ac VHT40 (Ch. 159)



Plot 9-324. Maximum Power Spectrum Density Chain B 802.11ac VHT40 (Ch. 142)

**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	6.42	7.27	9.96	24.00	--	-14.04	--
58	5290	7.74	7.77	10.85	24.00	24.00	-13.15	-13.15
106	5530	7.19	6.86	10.12	24.00	24.00	-13.88	-13.88
122	5610	11.35	11.43	14.48	24.00	24.00	-9.52	-9.52
138	5690	12.14	11.17	14.77	24.00	24.00	-9.23	-9.23
155	5775	11.35	11.38	14.46	30.00	30.00	-15.54	-15.54

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	9.96	3.30	13.25	23.00	-9.75
58	5290	10.85	3.30	14.14	30.00	-15.86
106	5530	10.12	3.41	13.53	30.00	-16.47
122	5610	14.48	3.41	17.89	30.00	-12.11
138	5690	14.77	3.41	18.18	30.00	-11.82
155	5775	14.46	2.39	16.85	--	--

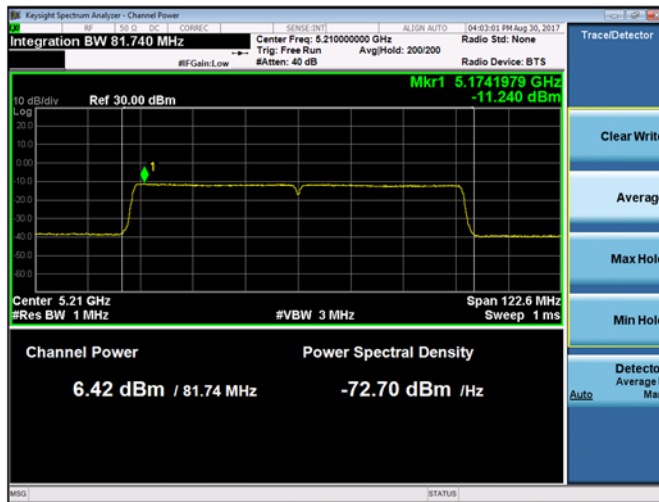


**9.5.5.12 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density**

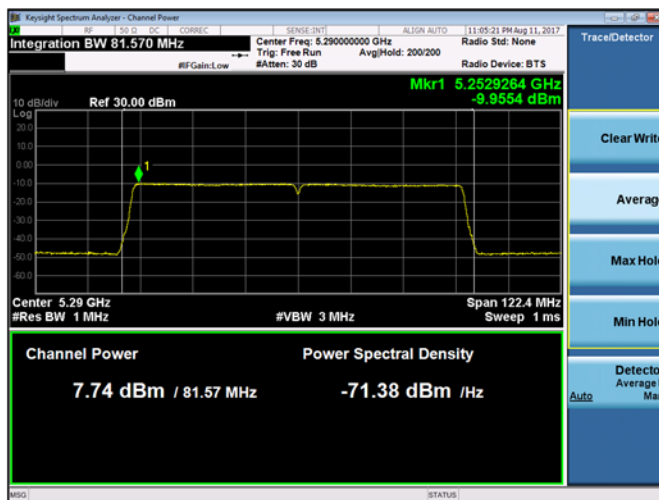
<b>UNII-1 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density/MHz</b>										
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD ( $\frac{dBm}{MHz}$ )	Total Ant. Gain (dBi)	Total EIRP PSD ( $\frac{dBm}{MHz}$ )	15.407 Limit ( $\frac{dBm}{MHz}$ )	RSS-247 EIRP PSD Limit ( $\frac{dBm}{MHz}$ )	15.407 Margin (dB)	RSS-247 Margin (dB)
42	5210	-11.24	-10.50	-7.76	6.28	-1.48	10.72	10.00	-18.48	-11.48

<b>UNII-2A and UNII-2C Chain A+B 802.11ac VHT80 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)	
58	5290	-9.96	-9.77	-6.77	10.72	11.00	-17.49	-17.77	
106	5530	-10.69	-11.07	-7.79	10.59	11.00	-18.37	-18.79	
122	5610	-5.80	-5.65	-2.63	10.59	11.00	-13.22	-13.63	
138	5690	-5.33	-6.06	-2.59	10.59	11.00	-13.17	-13.59	

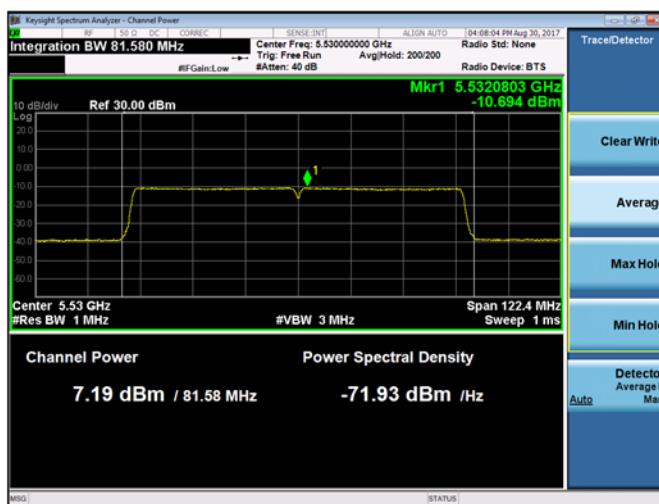
<b>UNII-3 Chain A+B 802.11ac VHT80 Maximum Power Spectral Density/500kHz</b>									
Chan. No.	Freq. (MHz)	Chain A (dBm)	Chain B (dBm)	Total PSD ( $\frac{dBm}{500 kHz}$ )	15.407 Limit ( $\frac{dBm}{500 kHz}$ )	RSS-247 Limit ( $\frac{dBm}{500 kHz}$ )	15.407 Margin (dB)	RSS-247 Margin (dB)	
155	5775	-7.75	-8.50	-5.02	30.00	30.00	-35.02	-35.02	
138	5690	-8.11	-8.56	-5.24	30.00	30.00	-35.24	-35.24	



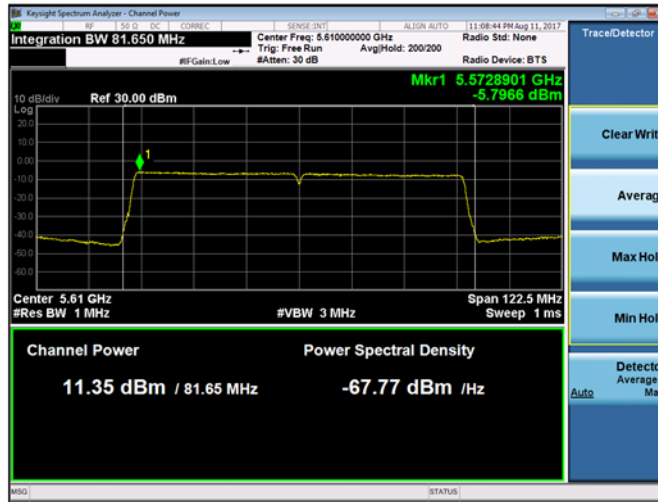
Plot 9-325. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 42)



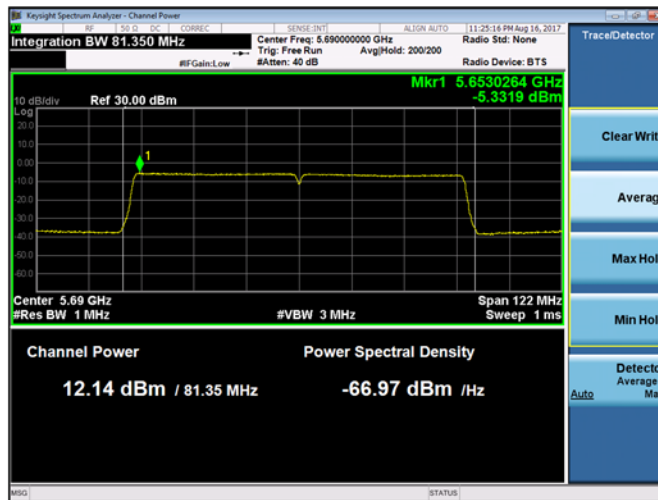
Plot 9-326. Maximum Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 58)



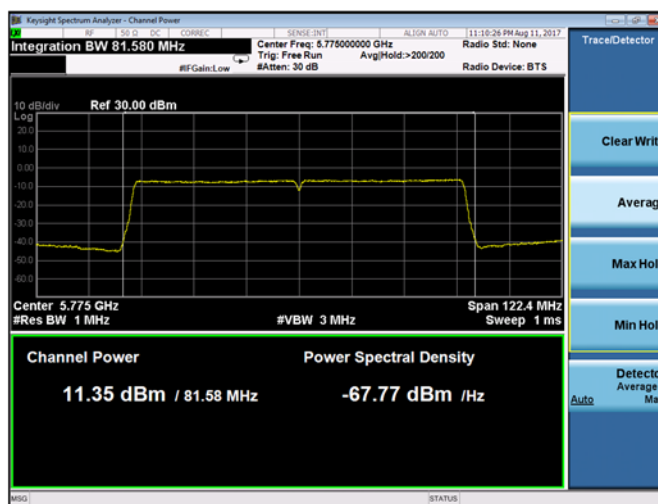
Plot 9-327. Max Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 106)



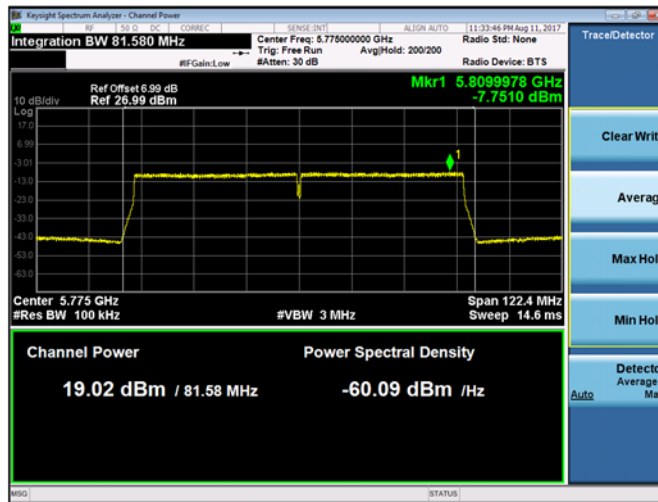
Plot 9-328. Max Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 122)



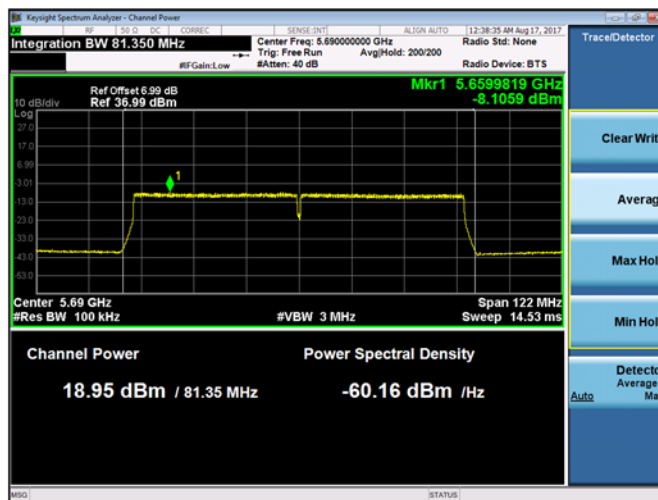
Plot 9-329. Max Conducted Output Power and PSD Chain A 802.11ac VHT80 (Ch. 138)



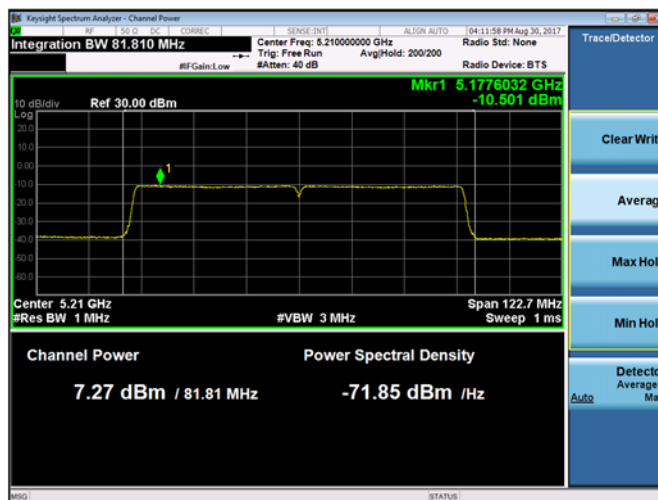
Plot 9-330. Max Conducted Output Power Chain A 802.11ac VHT80 (Ch. 155)



Plot 9-331. Max Power Spectral Density Chain A 802.11ac VHT80 (Ch. 155)



Plot 9-332. Max Power Spectral Density Chain A 802.11ac VHT80 (Ch. 138)



Plot 9-333. Maximum Conducted Output Power and PSD Chain B 802.11ac VHT80 (Ch. 42)