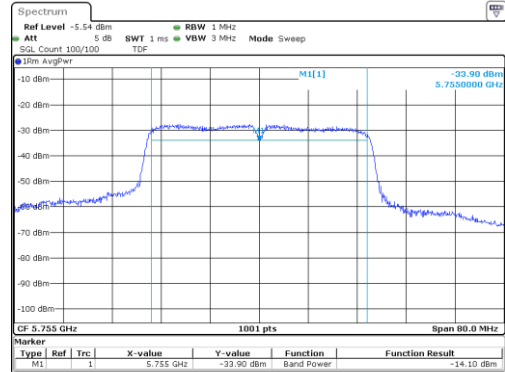
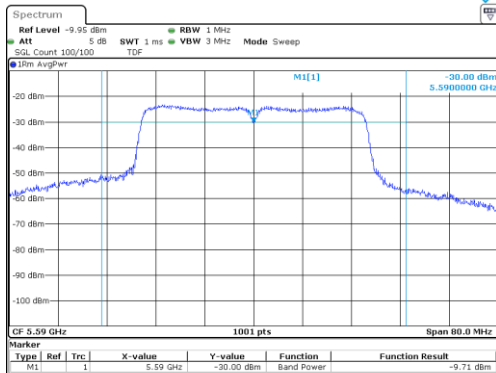


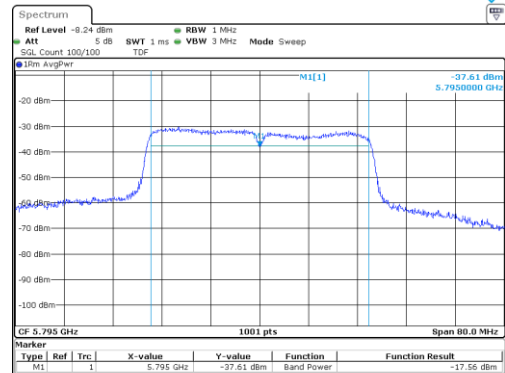
UNII-2C / 802.11n(HT40)/ 5 510 MHz



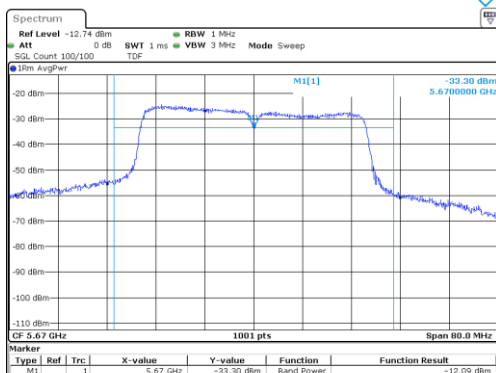
UNII-3 / 802.11n(HT40)/ 5 755 MHz



UNII-2C / 802.11n(HT40)/ 5 590 MHz



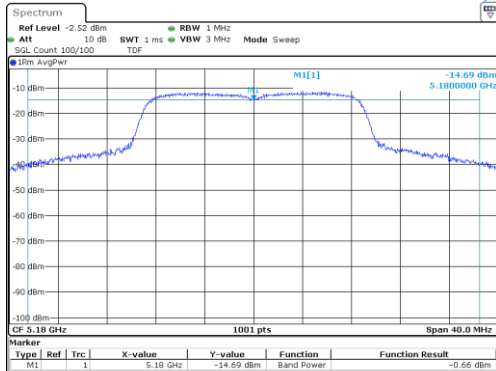
UNII-3 / 802.11n(HT40)/ 5 795 MHz



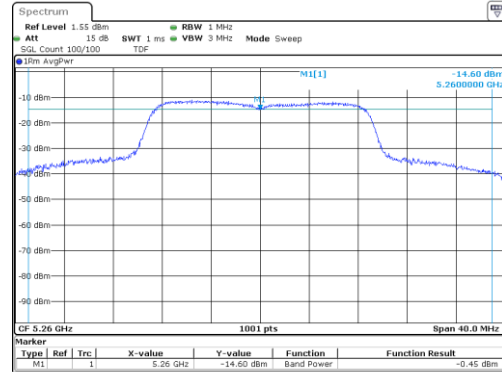
UNII-2C / 802.11n(HT40)/ 5 670 MHz



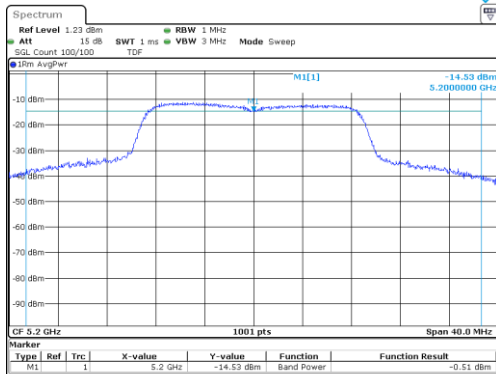
5.3.2.4 Measured Graph for 802.11ac(VHT20) Test Data



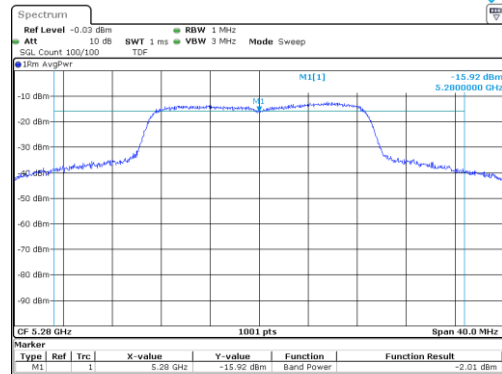
UNII-1 / 802.11ac(VHT20) / 5 180 MHz



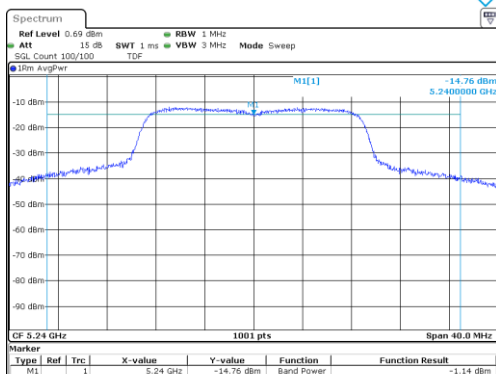
UNII-2A / 802.11ac(VHT20) / 5 260 MHz



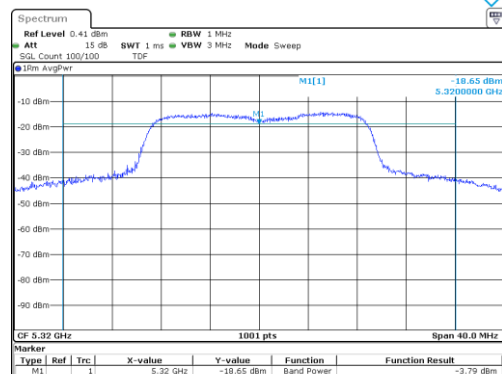
UNII-1 / 802.11ac(VHT20) / 5 200 MHz



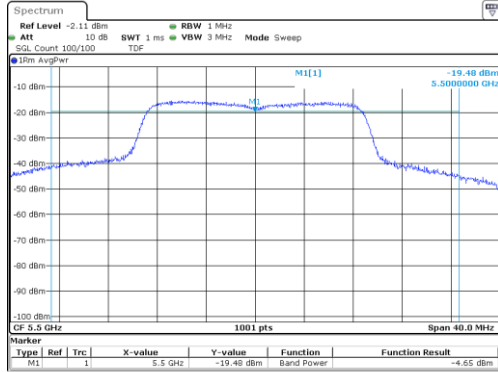
UNII-2A / 802.11ac(VHT20) / 5 280 MHz



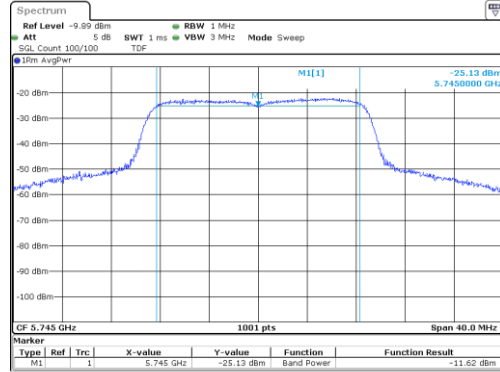
UNII-1 / 802.11ac(VHT20) / 5 240 MHz



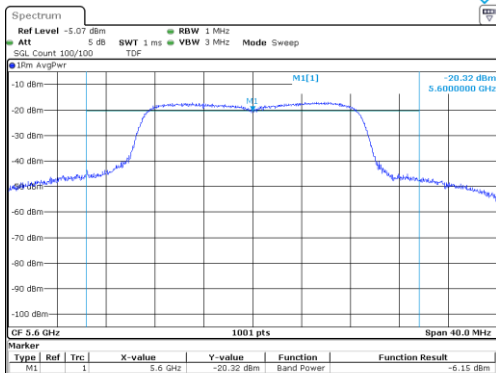
UNII-2A / 802.11ac(VHT20) / 5 320 MHz



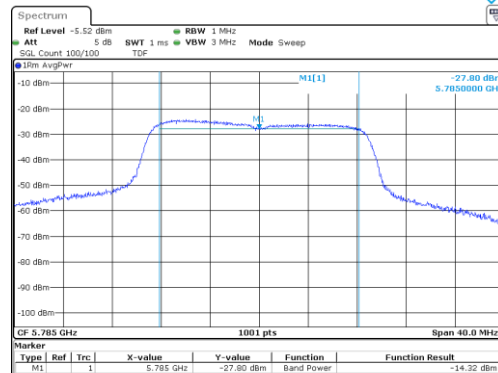
UNII-2C / 802.11ac(VHT20)/ 5 500 MHz



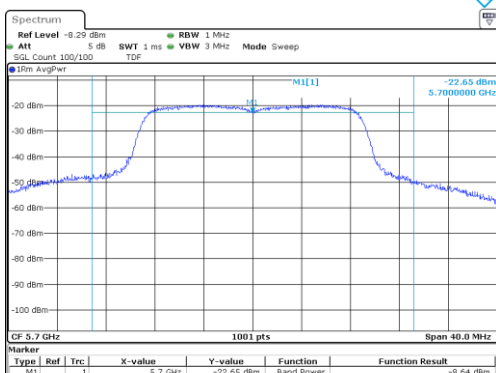
UNII-3 / 802.11ac(VHT20)/ 5 745 MHz



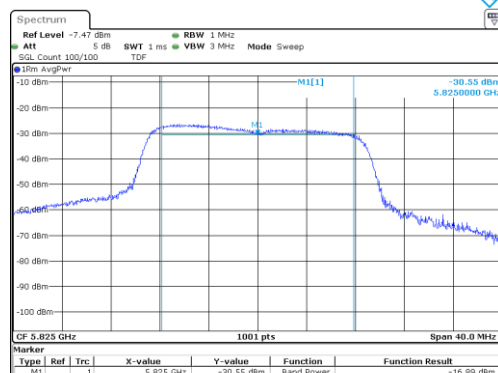
UNII-2C / 802.11ac(VHT20)/ 5 600 MHz



UNII-3 / 802.11ac(VHT20)/ 5 785 MHz



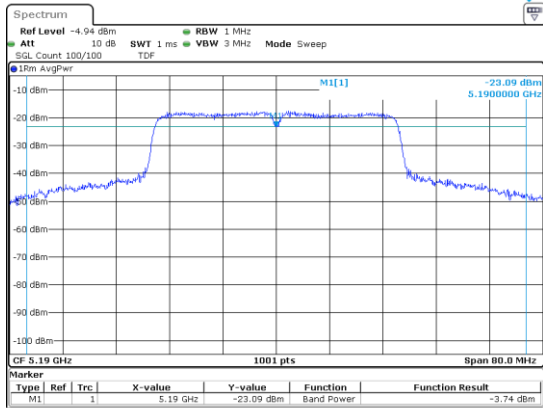
UNII-2C / 802.11ac(VHT20)/ 5 700 MHz



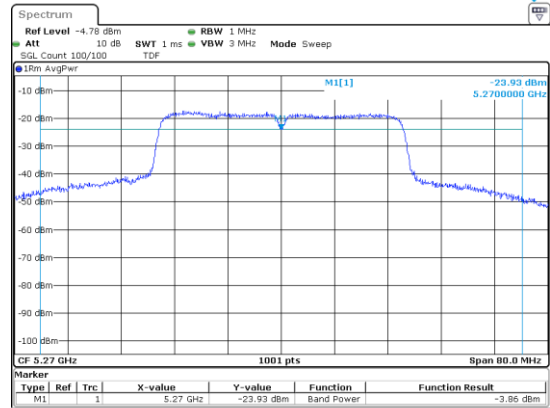
UNII-3 / 802.11ac(VHT20)/ 5 825 MHz



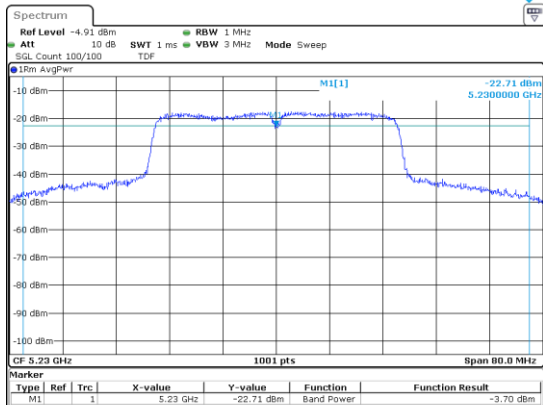
5.3.2.5 Measured Graph for 802.ac(VHT40) Test Data



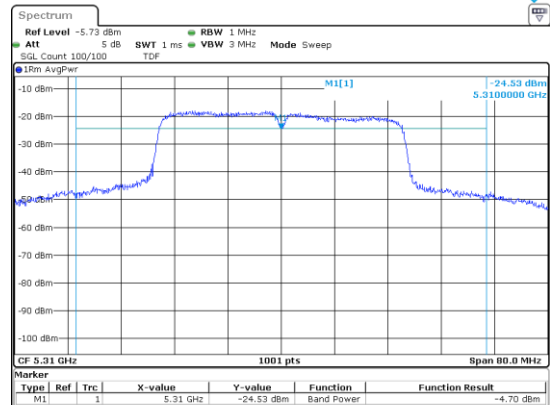
UNII-1 / 802.ac(VHT40)/ 5 190 MHz



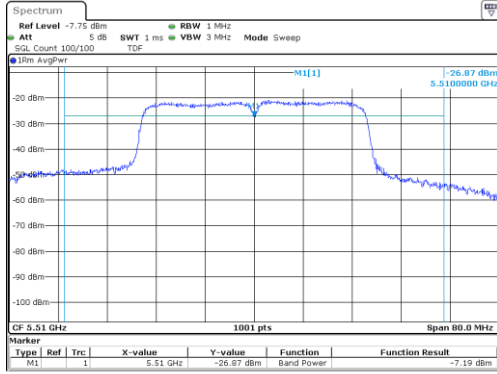
UNII-2A / 802.ac(VHT40)/ 5 270 MHz



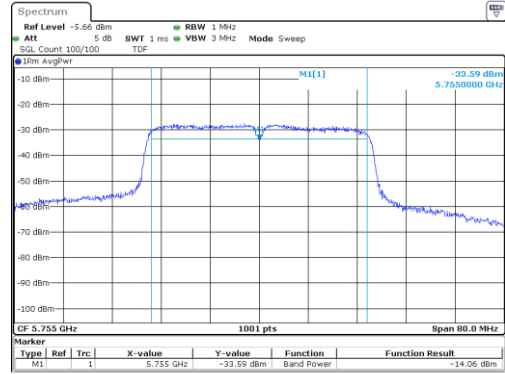
UNII-1 / 802.ac(VHT40)/ 5 230 MHz



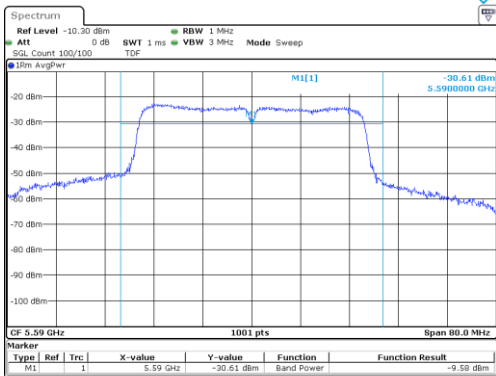
UNII-2A / 802.ac(VHT40)/ 5 310 MHz



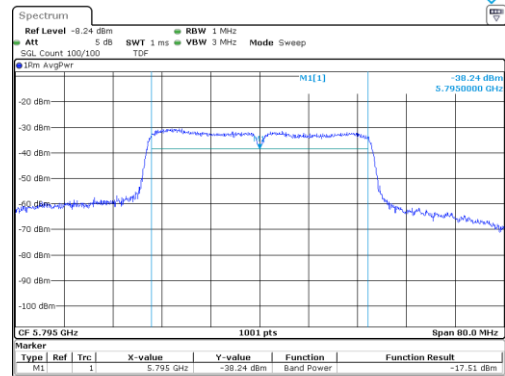
UNII-2C / 802.ac(VHT40)/ 5 510 MHz



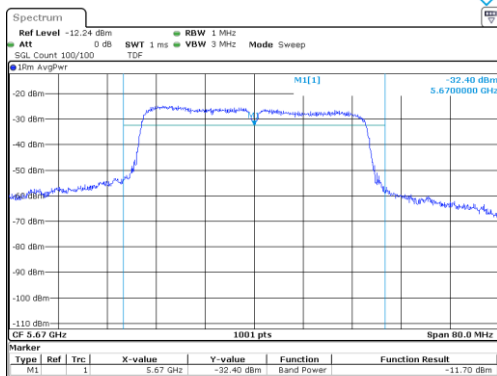
UNII-3 / 802.ac(VHT40)/ 5 755 MHz



UNII-2C / 802.ac(VHT40)/ 5 590 MHz



UNII-3 / 802.ac(VHT40)/ 5 795 MHz

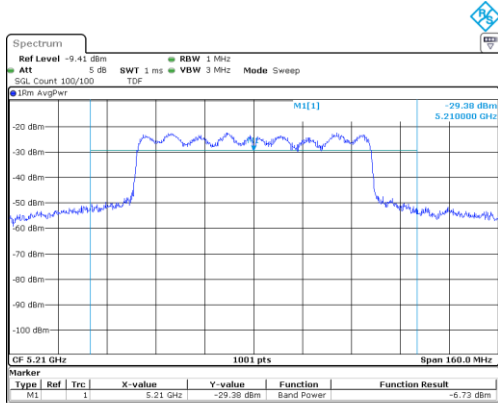


UNII-2C / 802.ac(VHT40)/ 5 670 MHz

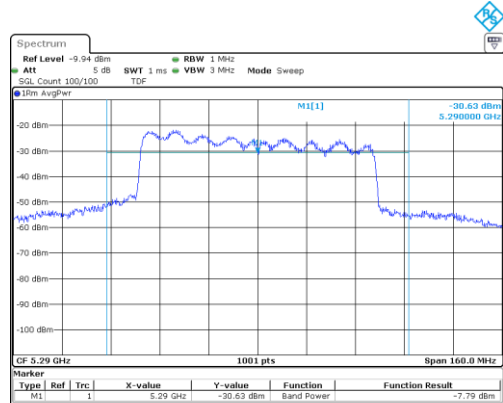
-



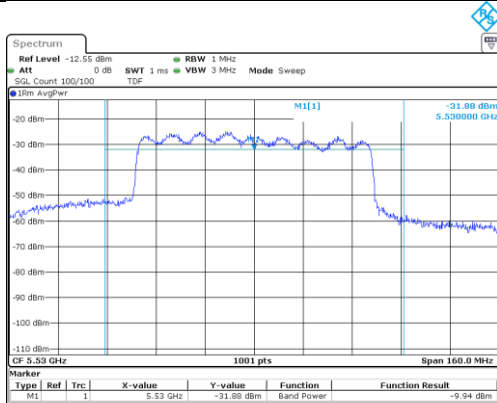
5.3.2.6 Measured Graph for 802.ac(VHT80) Test Data



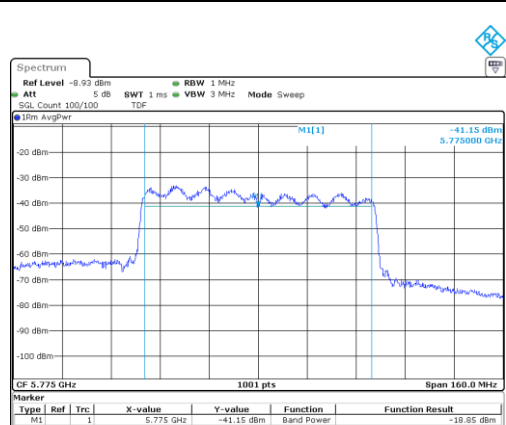
UNII-1 / 802.ac(VHT80)/ 5 210 MHz



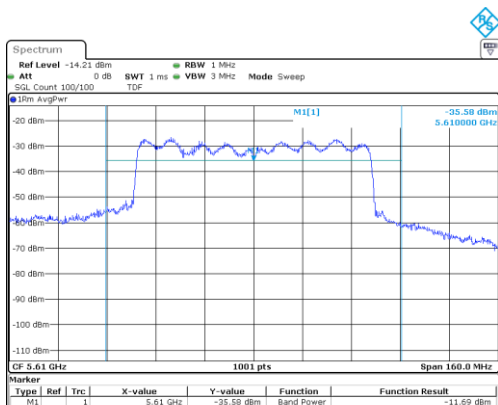
UNII-2A / 802.ac(VHT40)/ 5 290 MHz



UNII-2C / 802.ac(VHT40)/ 5 530 MHz



UNII-3 / 802.ac(VHT40)/ 5 775 MHz



UNII-2C / 802.ac(VHT40)/ 5 610 MHz



6. Maximum Power Spectral Density

6.1 Operating environment

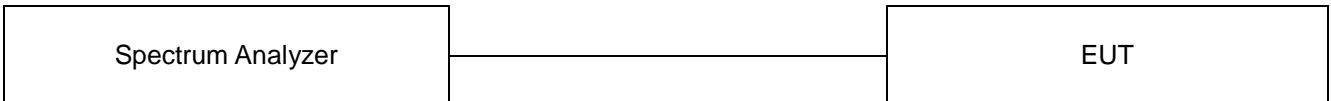
Temperature : 25 °C
Relative humidity : 46 %

6.2 Measurement method

Standard : §15.407(a)

6.3 Test Procedure

- KDB 789033 D02 v02r01 - Section F
- KDB 662911 D01 v02r01 - Section E). 2)
- ANSI C63.10-2013





6.3.1 Measured Results for DC 12 V

Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result (dBm)	Limit (dBm)
802.11a	UNII 1	5 180	-10.63	2.41	-8.22	11.00
		5 200	-9.55		-7.14	
		5 240	-9.38		-6.97	
	UNII 2A	5 260	-13.39		-10.98	11.00
		5 280	-11.28		-8.87	
		5 320	-13.01		-10.60	
	UNII 2C	5 500	-15.29		-12.88	11.00
		5 600	-14.64		-12.23	
		5 700	-18.79		-16.38	
	UNII 3	5 745	-25.80		-23.39	30.00
		5 785	-28.47		-26.06	
		5 825	-26.84		-24.43	
802.11n(HT20)	UNII 1	5 180	-11.14	2.53	-8.61	11.00
		5 200	-10.87		-8.34	
		5 240	-10.70		-8.17	
	UNII 2A	5 260	-10.61		-8.08	11.00
		5 280	-12.18		-9.65	
		5 320	-12.57		-10.04	
	UNII 2C	5 500	-14.28		-11.75	11.00
		5 600	-16.28		-13.75	
		5 700	-19.96		-17.43	
	UNII 3	5 745	-25.24		-22.71	30.00
		5 785	-26.67		-24.14	
		5 825	-29.39		-26.86	
802.11n(HT40)	UNII 1	5 190	-17.00	4.13	-12.87	11.00
		5 230	-16.67		-12.54	
	UNII 2A	5 270	-17.06		-12.93	11.00
		5 310	-17.24		-13.11	
	UNII 2C	5 510	-19.75		-15.62	11.00
		5 590	-21.87		-17.74	
		5 670	-23.55		-19.42	
	UNII 3	5 755	-29.37		-25.24	30.00
		5 795	-32.37		-28.24	

**Result(dBm) = Reading (dBm) + DCCF (dB)

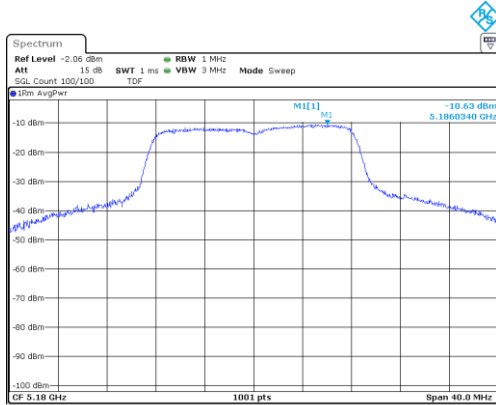


Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result [dBm]	Limit (dBm)	
802.11ac(VHT20)	UNII 1	5 180	-9.86	2.52	-7.34	11.00	
		5 200	-10.03		-7.51		
		5 240	-10.87		-8.35		
	UNII 2A	5 260	-10.86		-8.34	11.00	
		5 280	-11.37		-8.85		
		5 320	-12.51		-9.99		
	UNII 2C	5 500	-15.26		-12.74	11.00	
		5 600	-17.39		-14.87		
		5 700	-19.73		-17.21		
	UNII 3	5 745	-24.17		-21.65	30.00	
		5 785	-27.19		-24.67		
		5 825	-29.22		-26.70		
802.11ac(VHT40)	UNII 1	5 190	-16.81	4.11	-12.70	11.00	
		5 230	-16.93		-12.82		
	UNII 2A	5 270	-17.28		-13.17	11.00	
		5 310	-17.41		-13.30		
	UNII 2C	5 510	-19.91		-15.80	11.00	
		5 590	-22.05		-17.94		
	UNII 3	5 670	-23.51		-19.40	30.00	
		5 755	-29.42		-25.31		
			5 795		-31.96	-27.85	
	802.11ac(VHT80)	UNII 1	5 210		-21.29	6.21	-15.08
UNII 2A		5 290	-21.47	-15.26	11.00		
UNII 2C		5 530	-23.13	-16.92	11.00		
		5 610	-25.53	-19.32			
UNII 3		5 775	-34.92	-28.71	30.00		

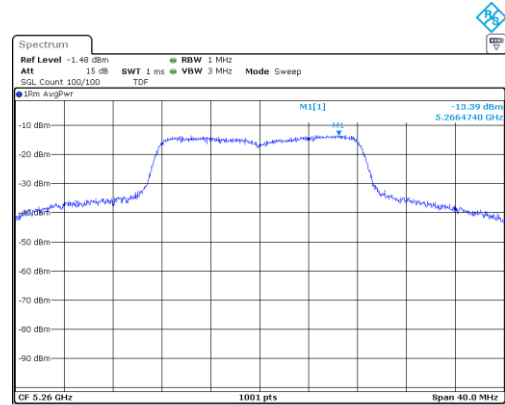
**Result(dBm) = Reading (dBm) + DCCF (dB)



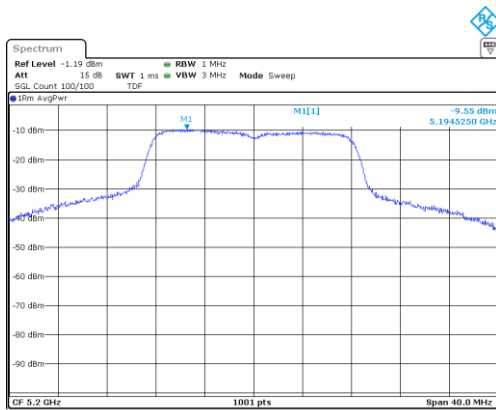
6.3.1.1 Measured Graph for 802.11a Test Data



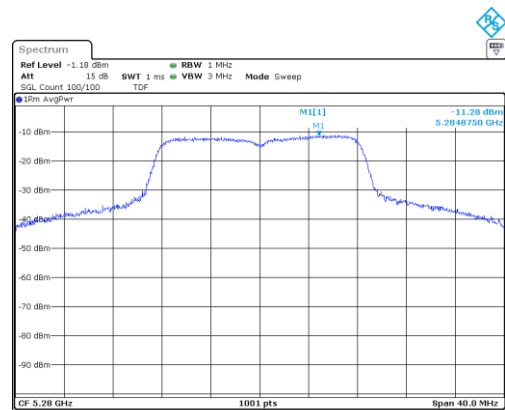
UNII-1 / 802.11a / 5 180 MHz



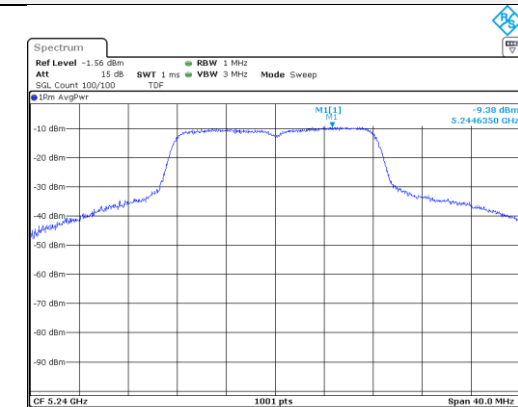
UNII-2A / 802.11a / 5 260 MHz



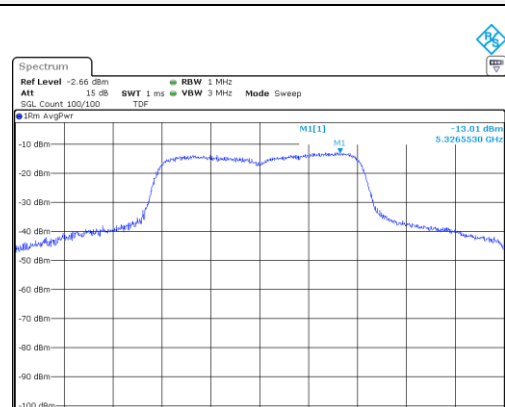
UNII-1 / 802.11a / 5 200 MHz



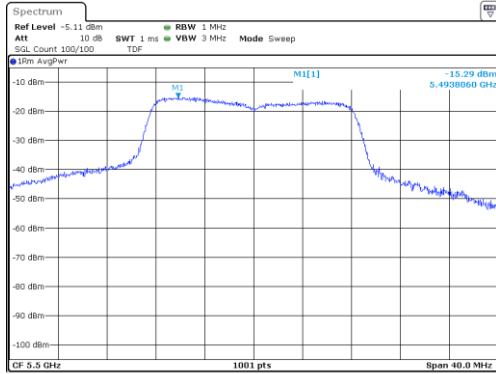
UNII-2A / 802.11a / 5 280 MHz



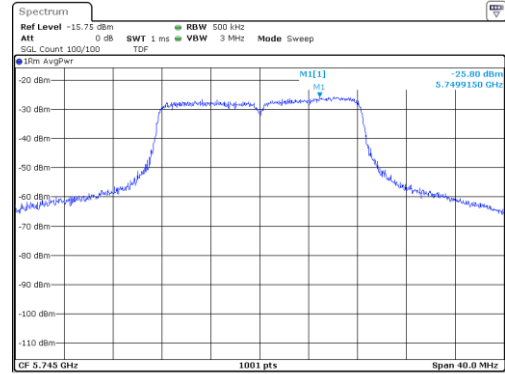
UNII-1 / 802.11a / 5 240 MHz



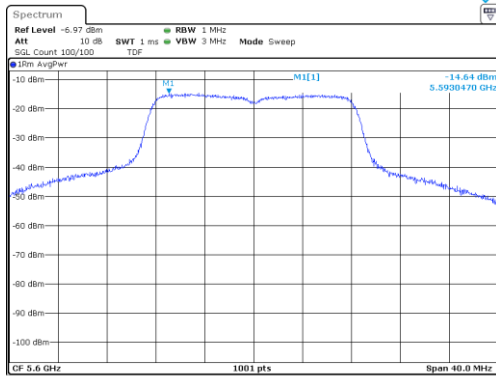
UNII-2A / 802.11a / 5 320 MHz



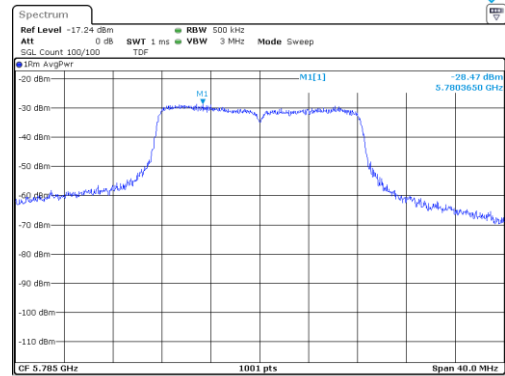
UNII-2C / 802.11a / 5 500 MHz



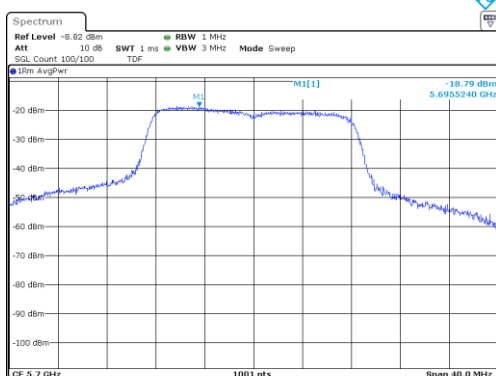
UNII-3 / 802.11a / 5 745 MHz



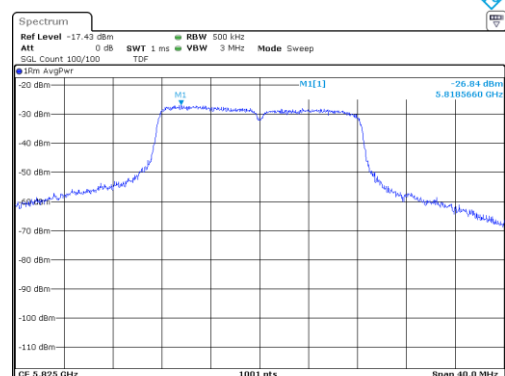
UNII-2C / 802.11a / 5 600 MHz



UNII-3 / 802.11a / 5 785 MHz



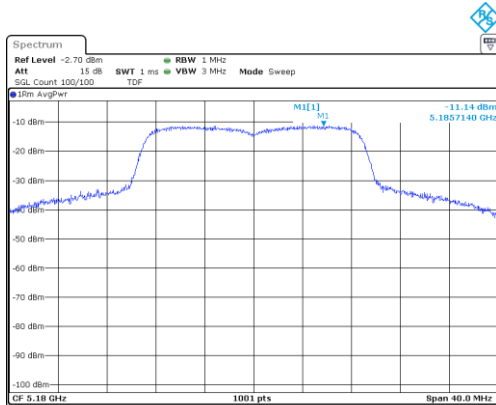
UNII-2C / 802.11a / 5 700 MHz



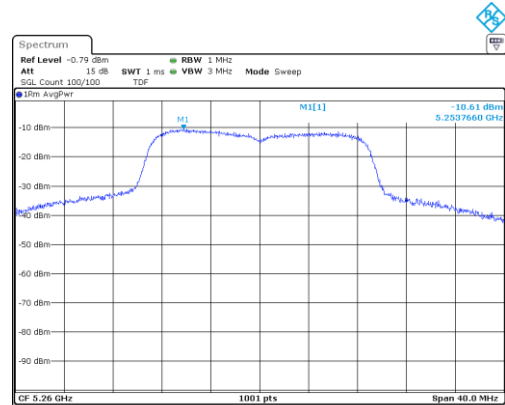
UNII-3 / 802.11a / 5 825 MHz



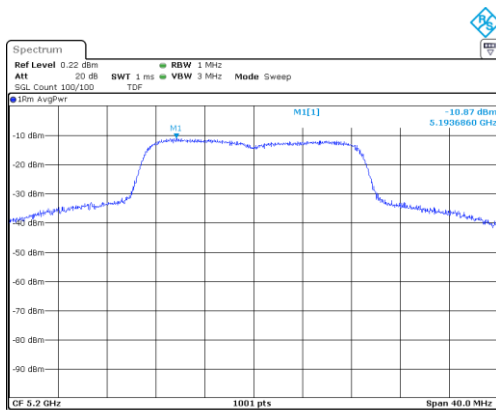
6.3.1.2 Measured Graph for 802.11n(HT20) Test Data



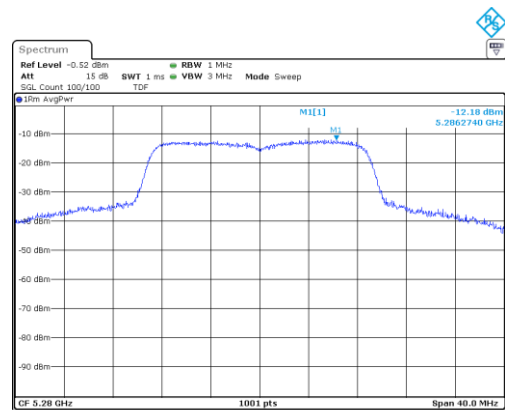
UNII-1 / 802.11n(HT20) / 5 180 MHz



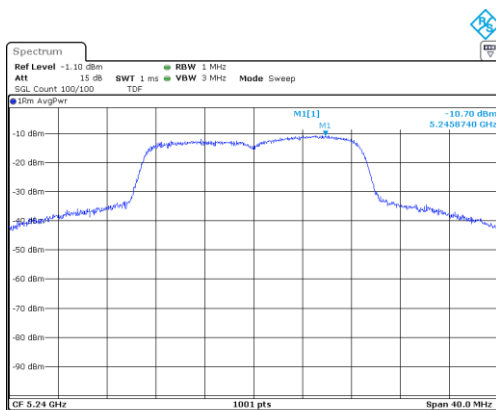
UNII-2A / 802.11n(HT20) / 5 260 MHz



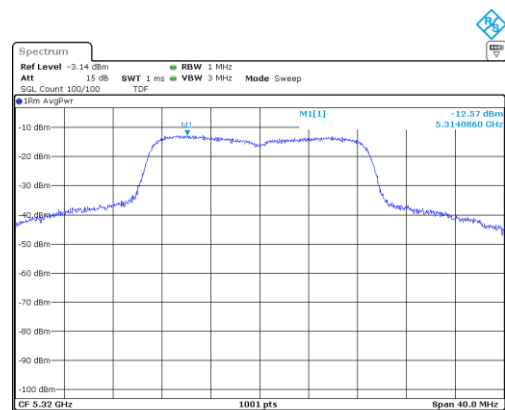
UNII-1 / 802.11n(HT20) / 5 200 MHz



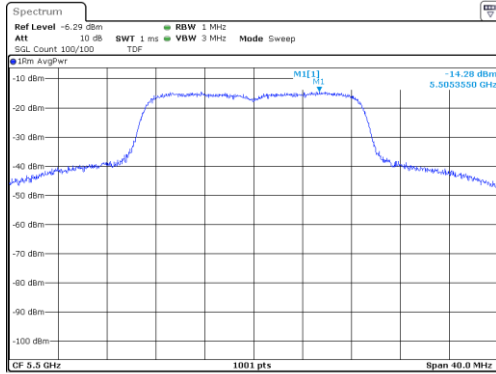
UNII-2A / 802.11n(HT20) / 5 280 MHz



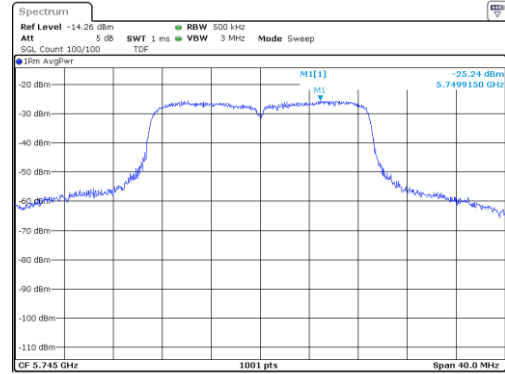
UNII-1 / 802.11n(HT20) / 5 240 MHz



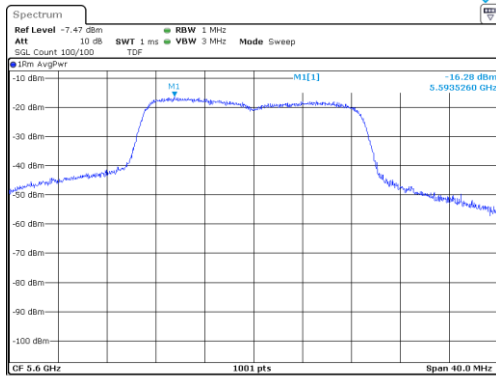
UNII-2A / 802.11n(HT20) / 5 320 MHz



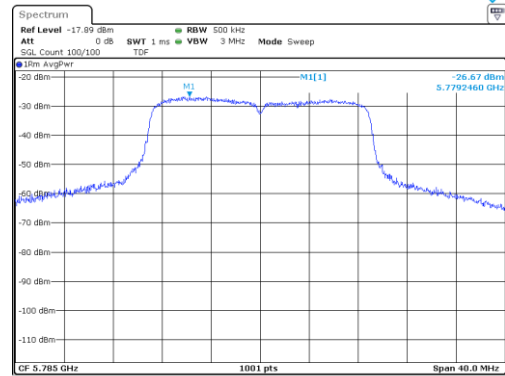
UNII-2C / 802.11n(HT20)/ 5 500 MHz



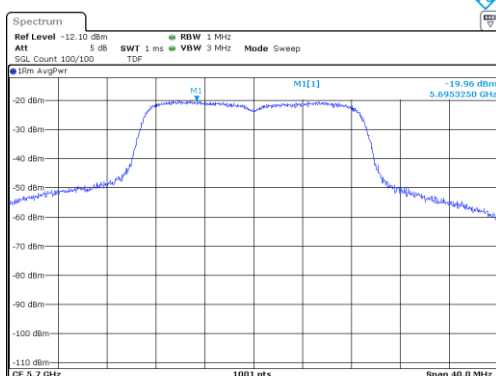
UNII-3 / 802.11n(HT20)/ 5 745 MHz



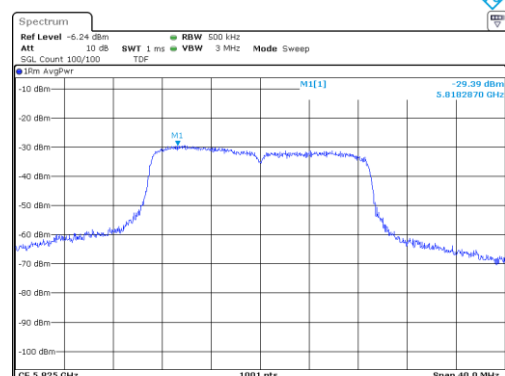
UNII-2C / 802.11n(HT20)/ 5 600 MHz



UNII-3 / 802.11n(HT20)/ 5 785 MHz



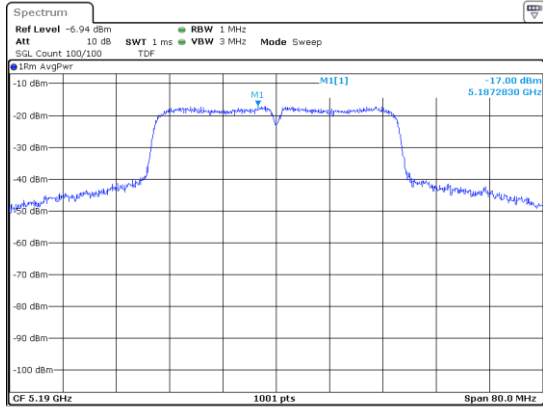
UNII-2C / 802.11n(HT20)/ 5 700 MHz



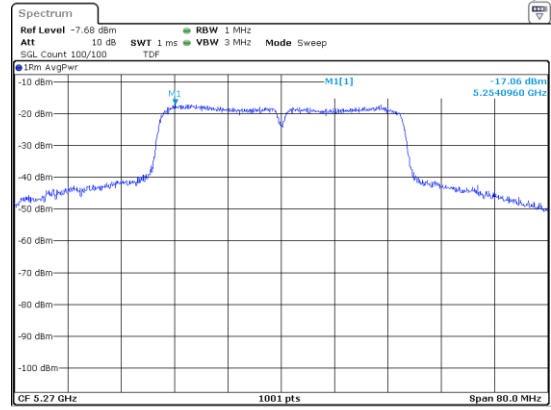
UNII-3 / 802.11n(HT20)/ 5 825 MHz



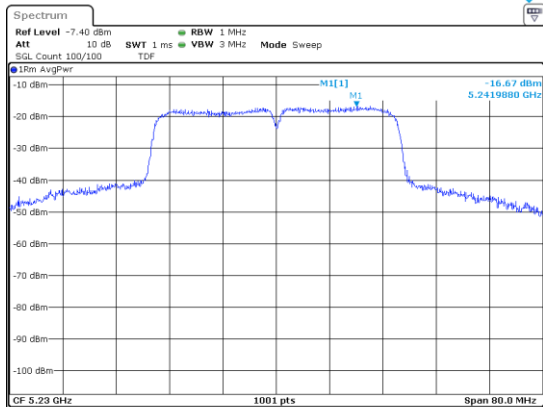
6.3.1.3 Measured Graph for 802.11n(HT40) Test Data



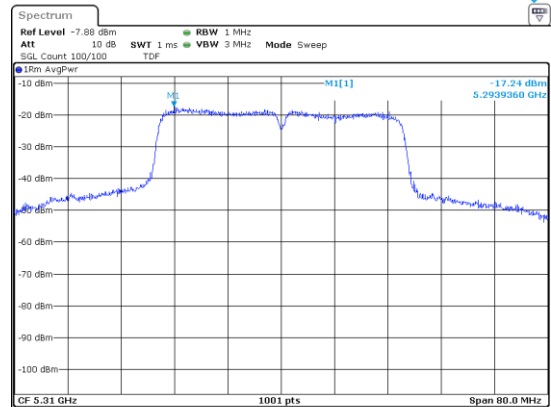
UNII-1 / 802.11n(HT40)/ 5 190 MHz



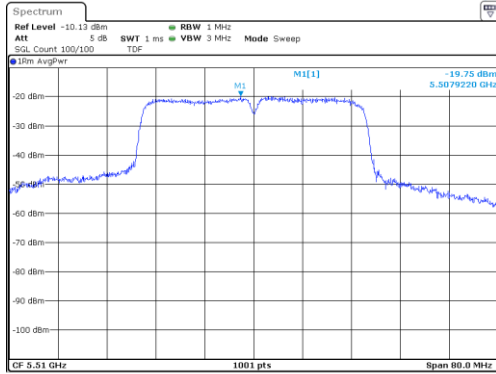
UNII-2A / 802.11n(HT40)/ 5 270 MHz



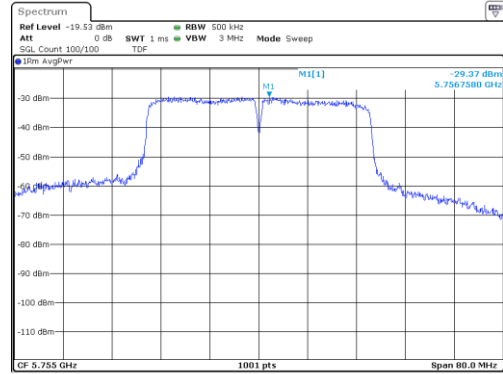
UNII-1 / 802.11n(HT40)/ 5 230 MHz



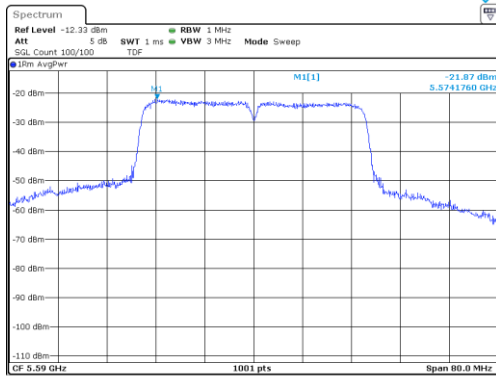
UNII-2A / 802.11n(HT40)/ 5 310 MHz



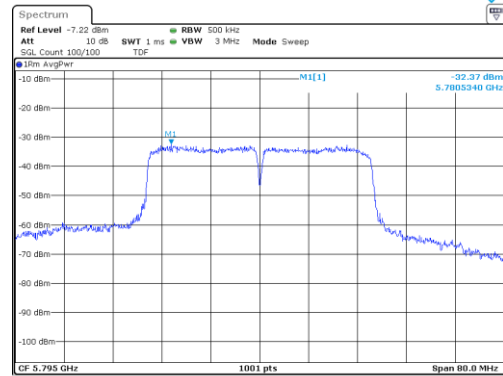
UNII-2C / 802.11n(HT40)/ 5 510 MHz



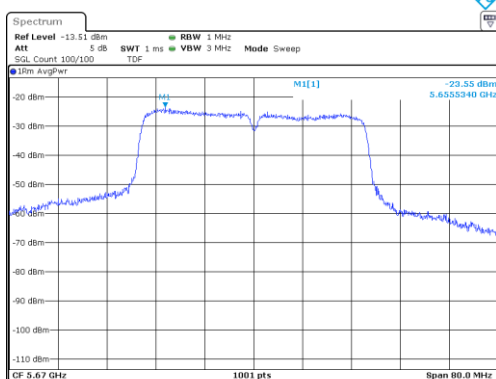
UNII-3 / 802.11n(HT40)/ 5 755 MHz



UNII-2C / 802.11n(HT40)/ 5 590 MHz



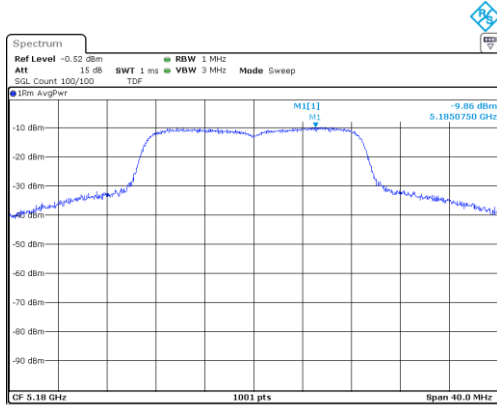
UNII-3 / 802.11n(HT40)/ 5 795 MHz



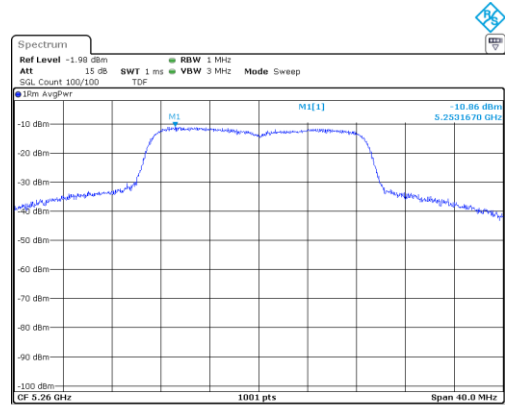
UNII-2C / 802.11n(HT40)/ 5 670 MHz



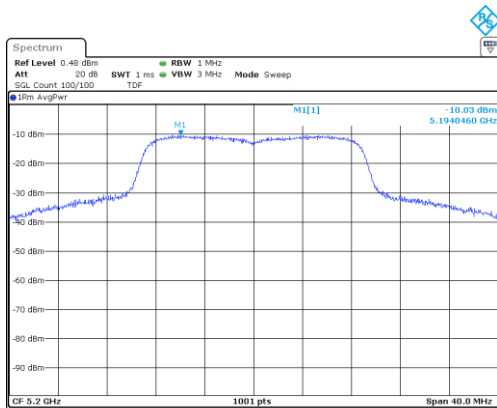
6.3.1.4 Measured Graph for 802.11ac(VHT20) Test Data



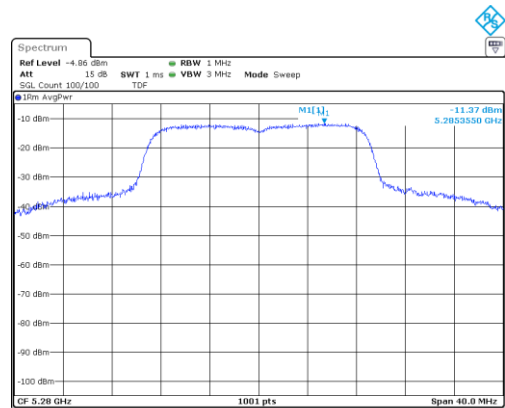
UNII-1 / 802.11ac(VHT20) / 5 180 MHz



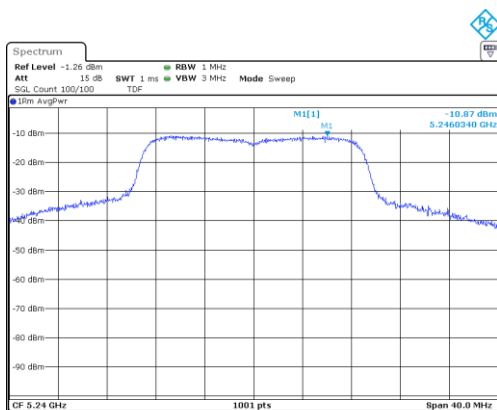
UNII-2A / 802.11ac(VHT20) / 5 260 MHz



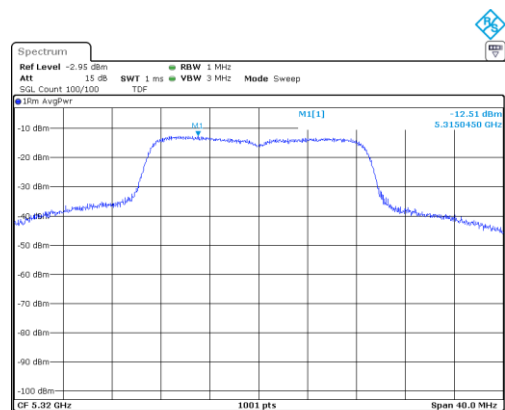
UNII-1 / 802.11ac(VHT20) / 5 200 MHz



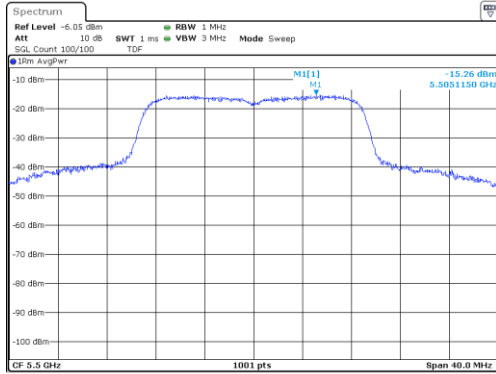
UNII-2A / 802.11ac(VHT20) / 5 280 MHz



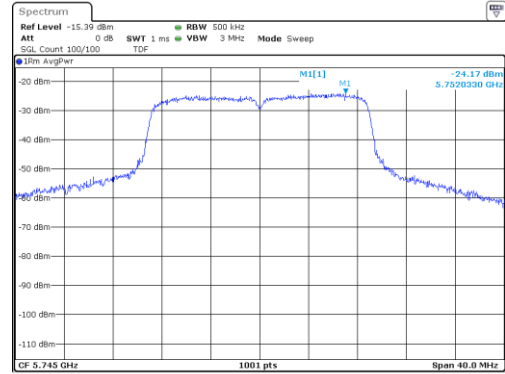
UNII-1 / 802.11ac(VHT20) / 5 240 MHz



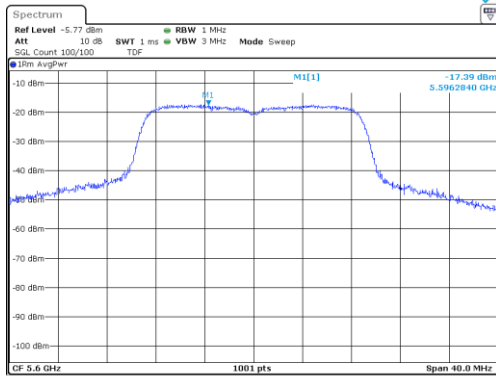
UNII-2A / 802.11ac(VHT20) / 5 320 MHz



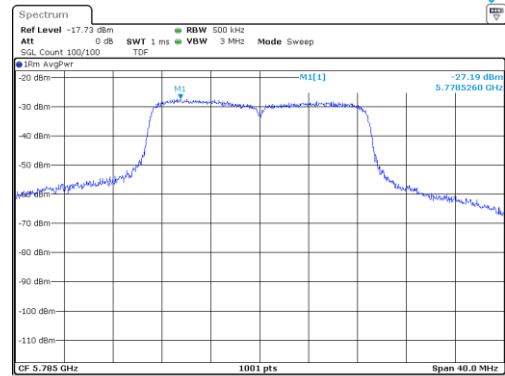
UNII-2C / 802.11ac(VHT20)/ 5 500 MHz



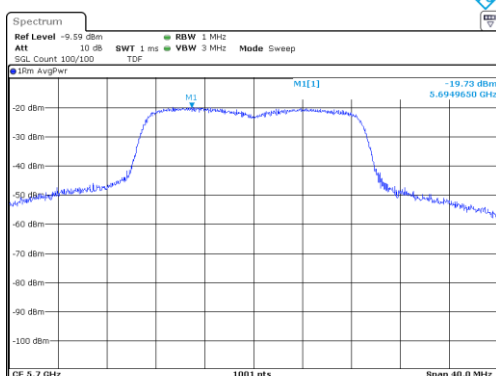
UNII-3 / 802.11ac(VHT20)/ 5 745 MHz



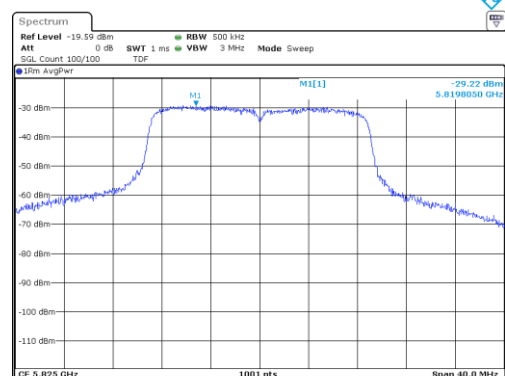
UNII-2C / 802.11ac(VHT20)/ 5 600 MHz



UNII-3 / 802.11ac(VHT20)/ 5 785 MHz



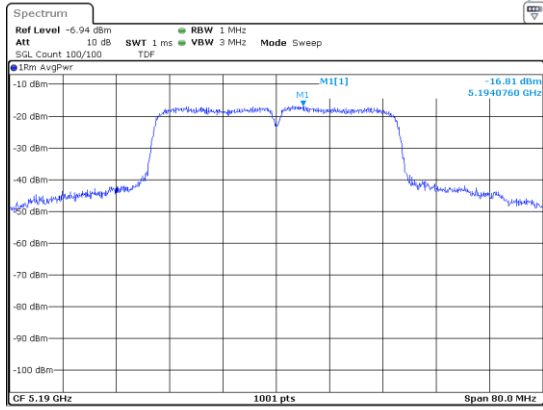
UNII-2C / 802.11ac(VHT20)/ 5 700 MHz



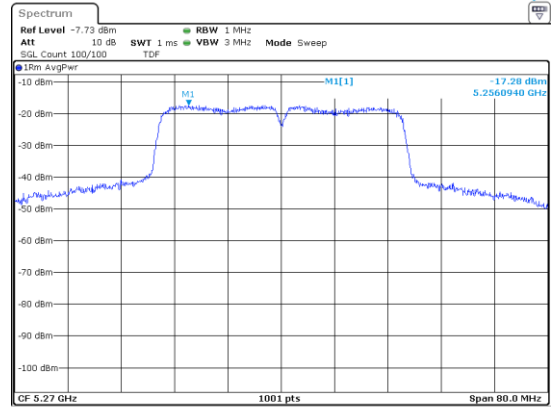
UNII-3 / 802.11ac(VHT20)/ 5 825 MHz



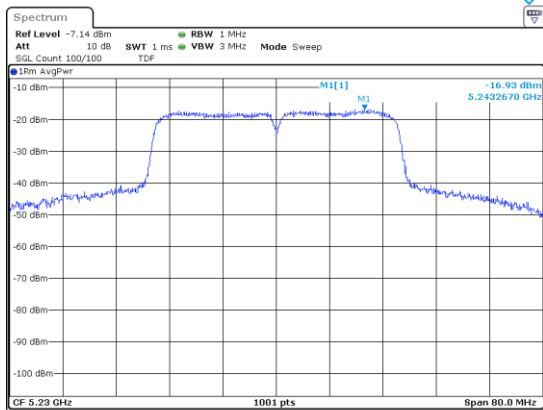
6.3.1.5 Measured Graph for 802.ac(VHT40) Test Data



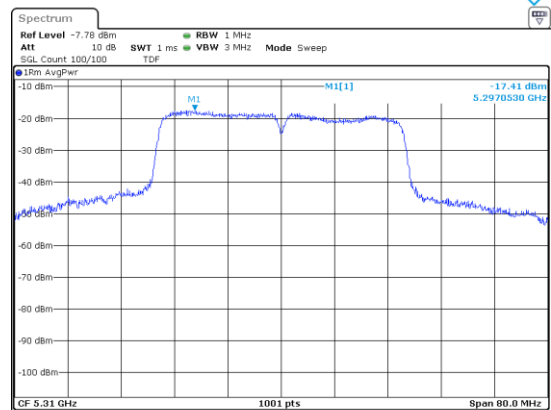
UNII-1 / 802.ac(VHT40)/ 5 190 MHz



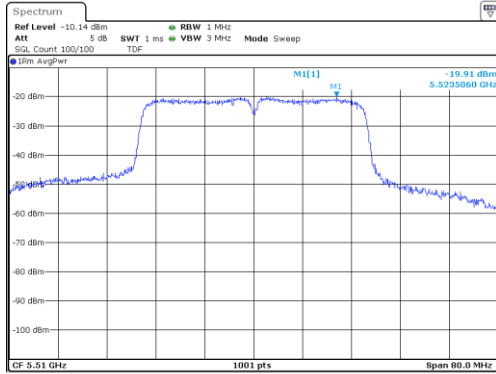
UNII-2A / 802.ac(VHT40)/ 5 270 MHz



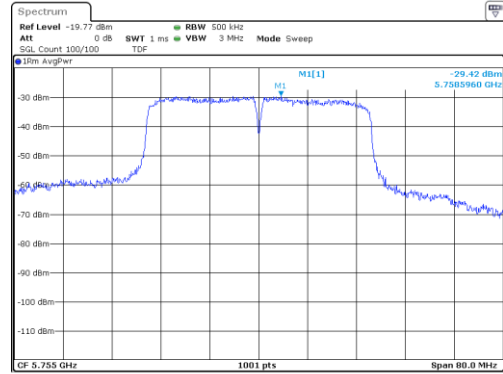
UNII-1 / 802.ac(VHT40)/ 5 230 MHz



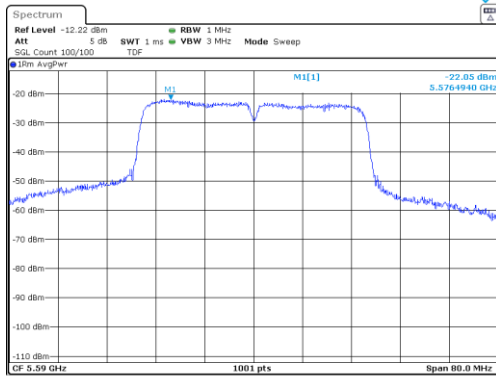
UNII-2A / 802.ac(VHT40)/ 5 310 MHz



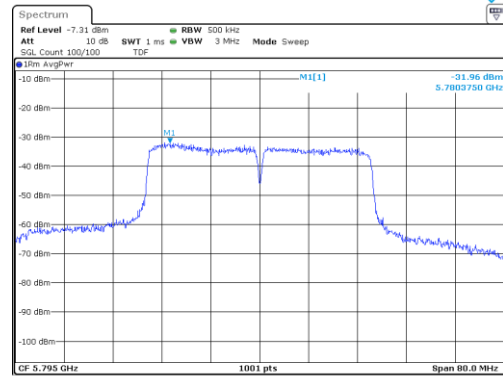
UNII-2C / 802.ac(VHT40)/ 5 510 MHz



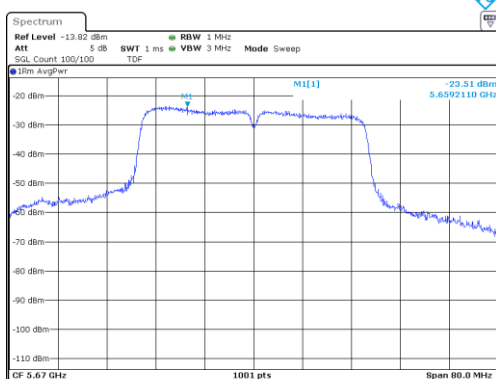
UNII-3 / 802.ac(VHT40)/ 5 755 MHz



UNII-2C / 802.ac(VHT40)/ 5 590 MHz



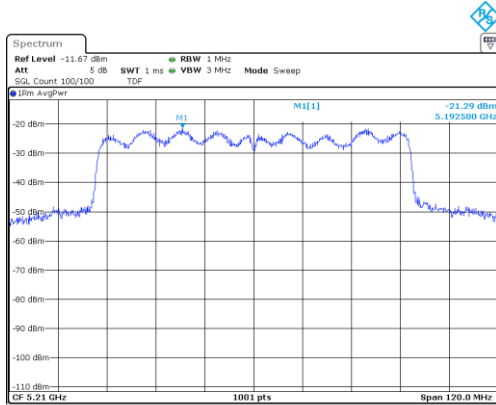
UNII-3 / 802.ac(VHT40)/ 5 795 MHz



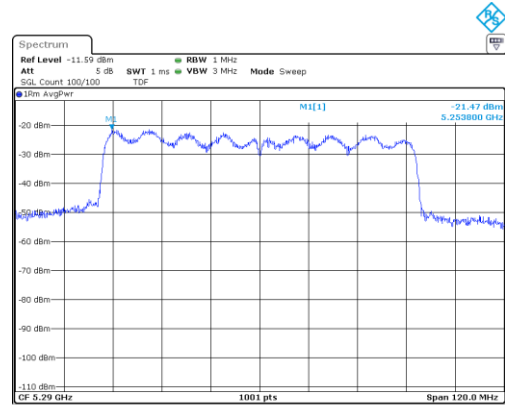
UNII-2C / 802.ac(VHT40)/ 5 670 MHz



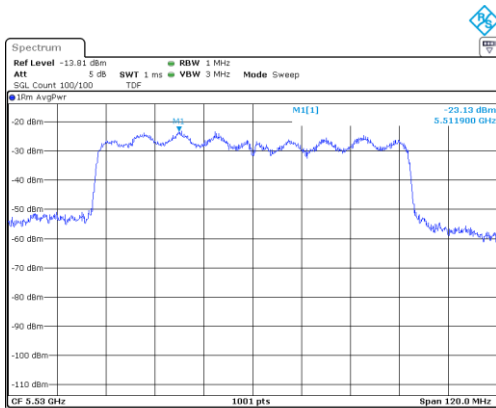
6.3.1.6 Measured Graph for 802.ac(VHT80) Test Data



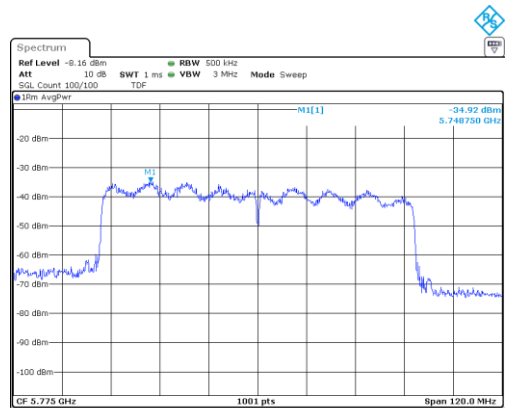
UNII-1 / 802.ac(VHT80)/ 5 210 MHz



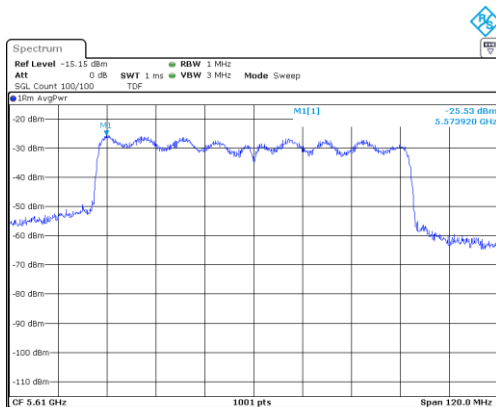
UNII-2A / 802.ac(VHT40)/ 5 290 MHz



UNII-2C / 802.ac(VHT40)/ 5 530 MHz



UNII-3 / 802.ac(VHT40)/ 5 775 MHz



UNII-2C / 802.ac(VHT40)/ 5 610 MHz



6.3.2 Measured Results for DC 24 V

Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result (dBm)	Limit (dBm)
802.11a	UNII 1	5 180	-9.52	2.41	-7.12	11.00
		5 200	-10.91		-8.51	
		5 240	-10.30		-7.90	
	UNII 2A	5 260	-11.11		-8.71	11.00
		5 280	-11.24		-8.84	
		5 320	-13.38		-10.98	
	UNII 2C	5 500	-15.08		-12.68	11.00
		5 600	-17.71		-15.31	
		5 700	-15.78		-13.38	
	UNII 3	5 745	-22.61		-20.21	30.00
		5 785	-28.46		-26.06	
		5 825	-27.31		-24.91	
802.11n(HT20)	UNII 1	5 180	-10.11	2.53	-7.58	11.00
		5 200	-10.73		-8.20	
		5 240	-10.81		-8.28	
	UNII 2A	5 260	-11.14		-8.61	11.00
		5 280	-12.06		-9.53	
		5 320	-11.88		-9.35	
	UNII 2C	5 500	-14.11		-11.58	11.00
		5 600	-16.34		-13.81	
		5 700	-18.52		-15.99	
	UNII 3	5 745	-23.73		-21.20	30.00
		5 785	-27.45		-24.92	
		5 825	-28.50		-25.97	
802.11n(HT40)	UNII 1	5 190	-17.46	4.13	-13.33	11.00
		5 230	-17.62		-13.49	
	UNII 2A	5 270	-17.94		-13.81	11.00
		5 310	-18.35		-14.22	
	UNII 2C	5 510	-20.50		-16.37	11.00
		5 590	-22.26		-18.13	
		5 670	-24.70		-20.57	
	UNII 3	5 755	-30.26		-26.13	30.00
		5 795	-32.79		-28.66	

**Result(dBm) = Reading (dBm) + DCCF (dB)

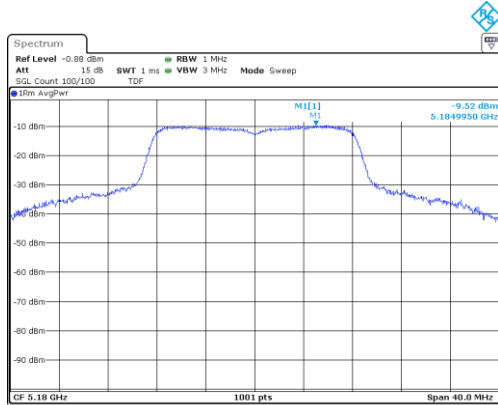


Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result [dBm]	Limit (dBm)
802.11ac(VHT20)	UNII 1	5 180	-10.77	2.52	-8.25	11.00
		5 200	-11.59		-9.07	
		5 240	-11.65		-9.13	
	UNII 2A	5 260	-11.44		-8.92	11.00
		5 280	-11.34		-8.82	
		5 320	-12.89		-10.37	
	UNII 2C	5 500	-15.11		-12.59	11.00
		5 600	-16.70		-14.18	
		5 700	-19.79		-17.27	
	UNII 3	5 745	-25.92		-23.40	30.00
		5 785	-28.18		-25.66	
		5 825	-30.60		-28.08	
802.11ac(VHT40)	UNII 1	5 190	-17.21	4.11	-13.10	11.00
		5 230	-17.74		-13.63	
	UNII 2A	5 270	-17.90		-13.79	11.00
		5 310	-18.34		-14.23	
	UNII 2C	5 510	-20.47		-16.36	11.00
		5 590	-22.85		-18.74	
	UNII 3	5 670	-24.74		-20.63	30.00
		5 755	-30.28		-26.17	
	5 795	-33.24	-29.13			
	802.11ac(VHT80)	UNII 1	5 210		-22.21	6.21
UNII 2A		5 290	-22.43	-16.23	11.00	
UNII 2C		5 530	-24.79	-18.59	11.00	
		5 610	-26.48	-20.28		
UNII 3		5 775	-35.54	-29.34	30.00	

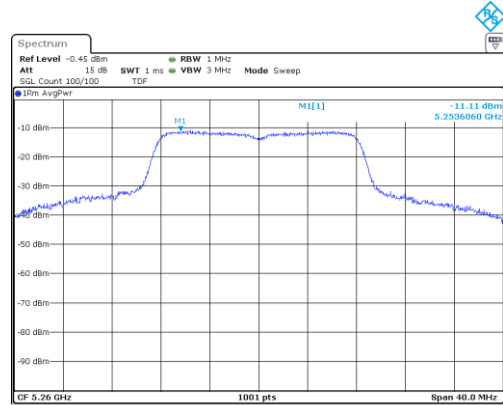
**Result(dBm) = Reading (dBm) + DCCF (dB)



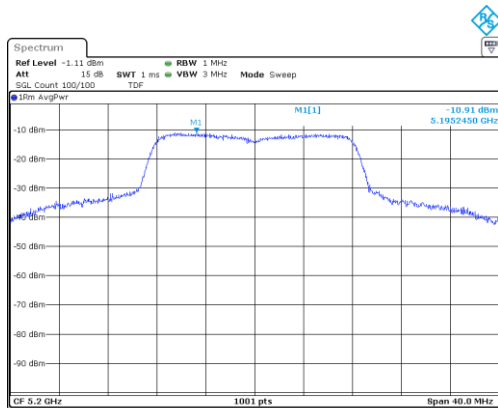
6.3.2.1 Measured Graph for 802.11a Test Data



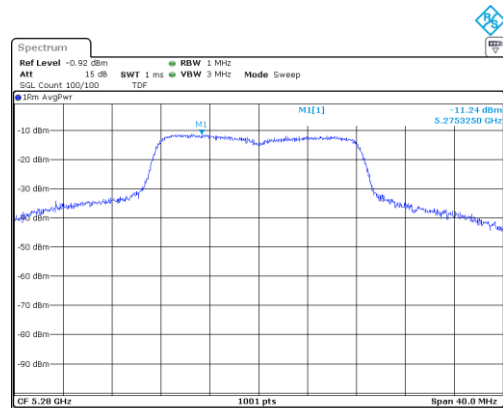
UNII-1 / 802.11a / 5 180 MHz



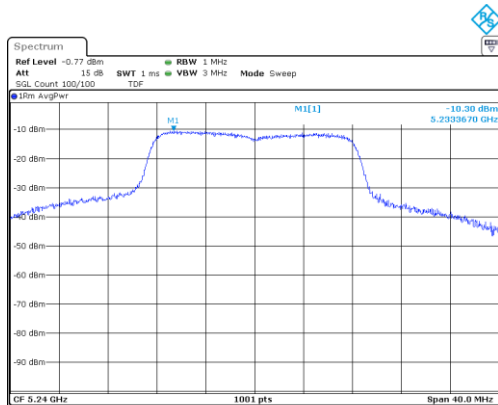
UNII-2A / 802.11a / 5 260 MHz



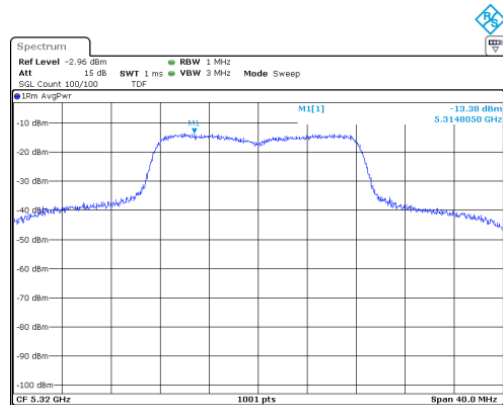
UNII-1 / 802.11a / 5 200 MHz



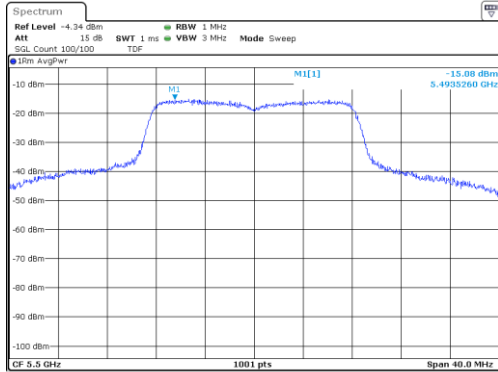
UNII-2A / 802.11a / 5 280 MHz



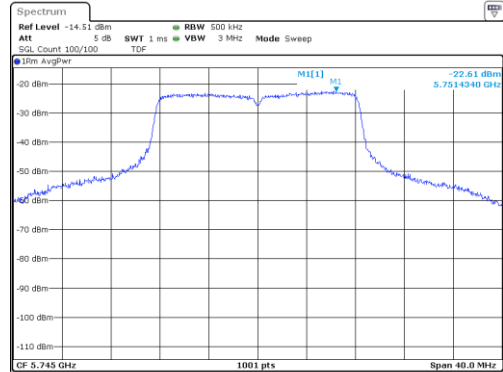
UNII-1 / 802.11a / 5 240 MHz



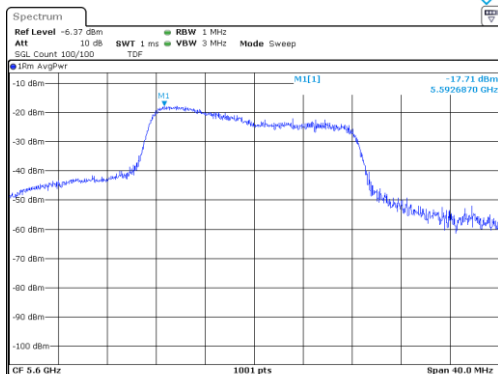
UNII-2A / 802.11a / 5 320 MHz



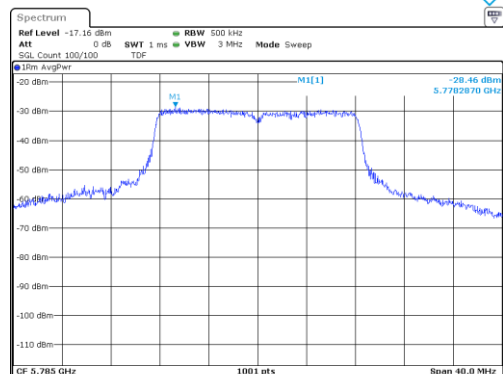
UNII-2C / 802.11a / 5 500 MHz



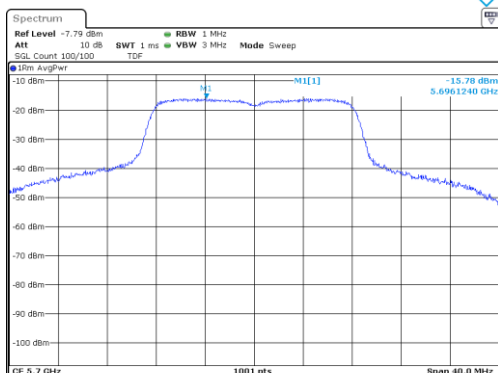
UNII-3 / 802.11a / 5 745 MHz



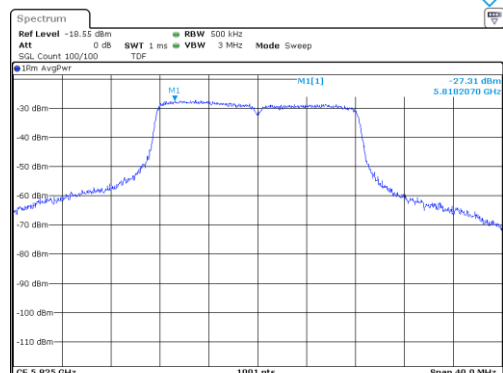
UNII-2C / 802.11a / 5 600 MHz



UNII-3 / 802.11a / 5 785 MHz



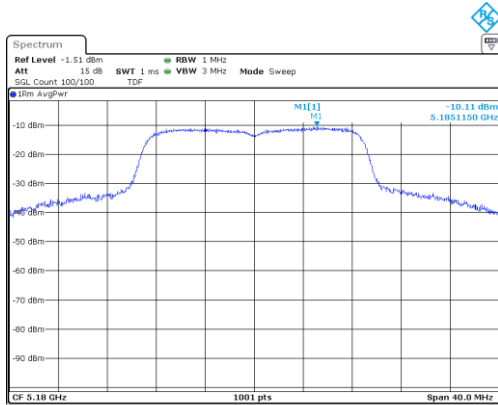
UNII-2C / 802.11a / 5 700 MHz



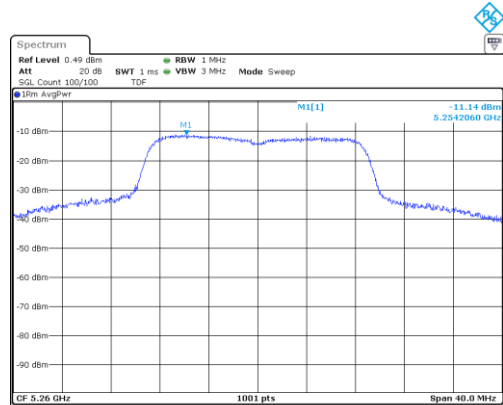
UNII-3 / 802.11a / 5 825 MHz



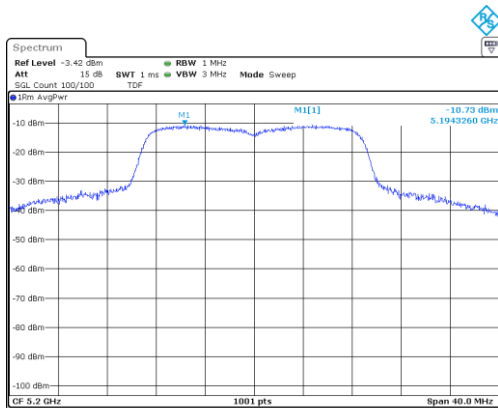
6.3.2.2 Measured Graph for 802.11n(HT20) Test Data



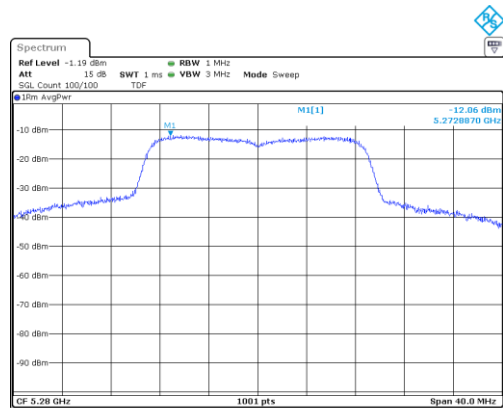
UNII-1 / 802.11n(HT20) / 5 180 MHz



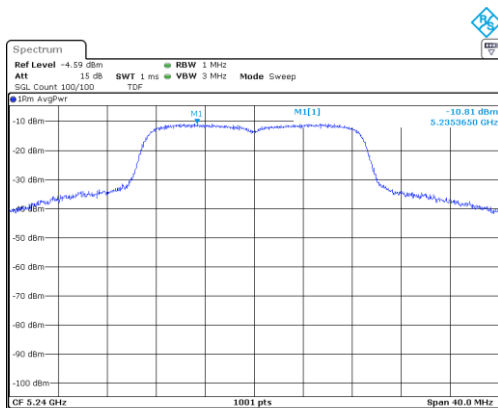
UNII-2A / 802.11n(HT20) / 5 260 MHz



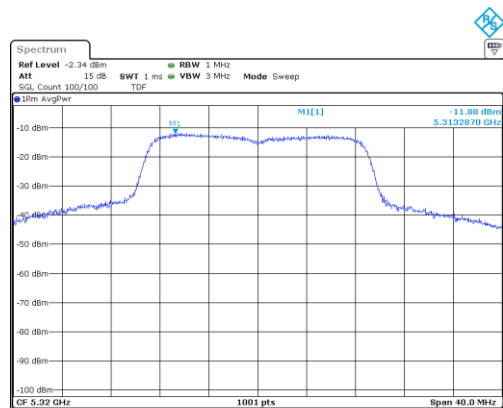
UNII-1 / 802.11n(HT20) / 5 200 MHz



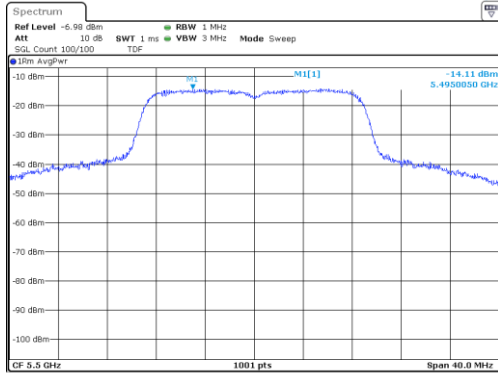
UNII-2A / 802.11n(HT20) / 5 280 MHz



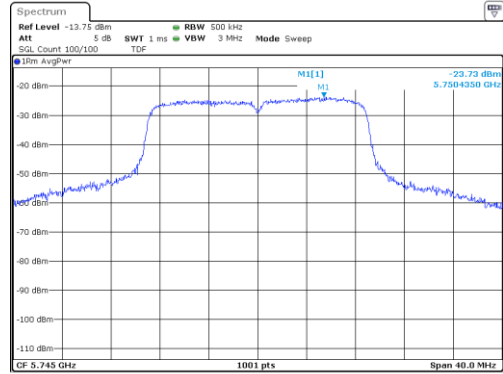
UNII-1 / 802.11n(HT20) / 5 240 MHz



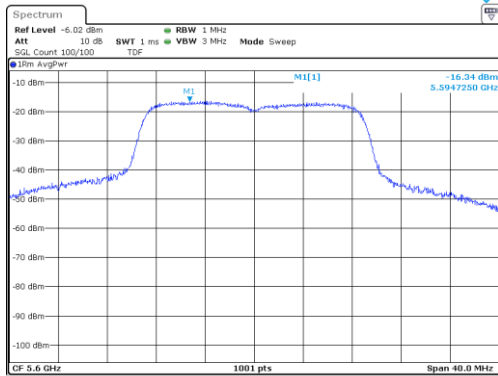
UNII-2A / 802.11n(HT20) / 5 320 MHz



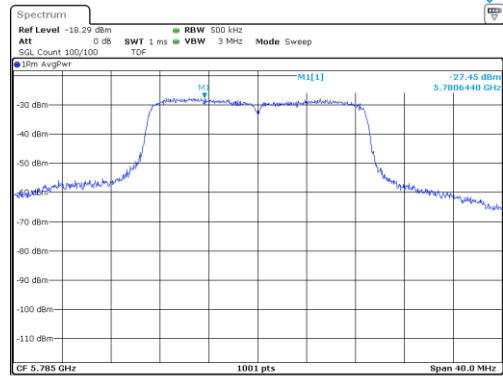
UNII-2C / 802.11n(HT20)/ 5 500 MHz



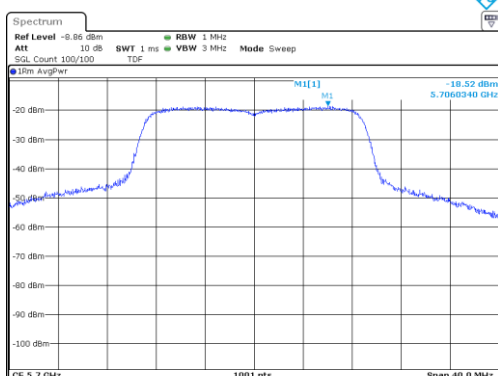
UNII-3 / 802.11n(HT20)/ 5 745 MHz



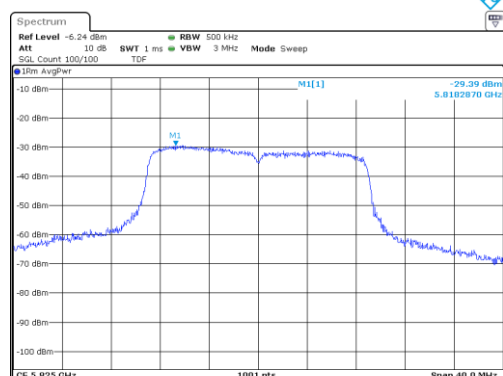
UNII-2C / 802.11n(HT20)/ 5 600 MHz



UNII-3 / 802.11n(HT20)/ 5 785 MHz



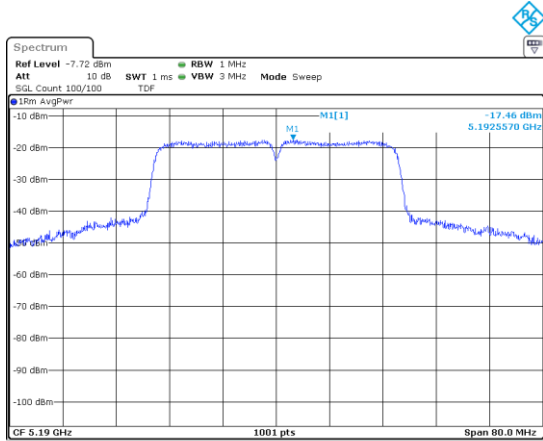
UNII-2C / 802.11n(HT20)/ 5 700 MHz



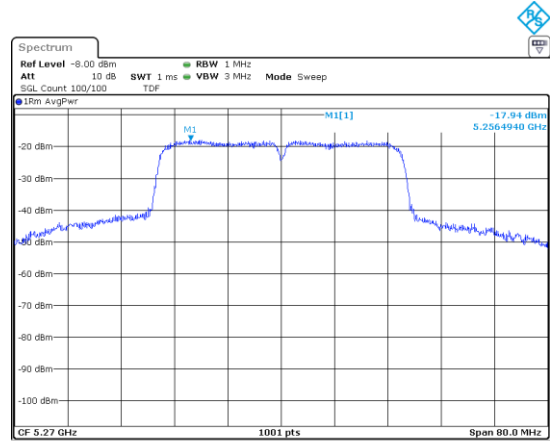
UNII-3 / 802.11n(HT20)/ 5 825 MHz



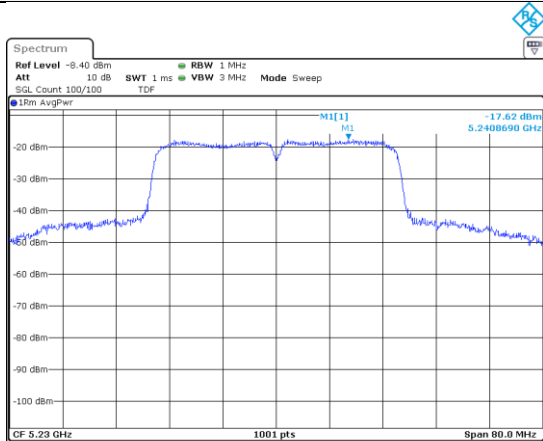
6.3.2.3 Measured Graph for 802.11n(HT40) Test Data



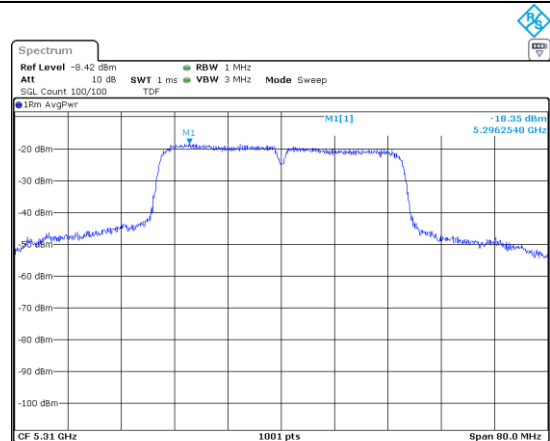
UNII-1 / 802.11n(HT40)/ 5 190 MHz



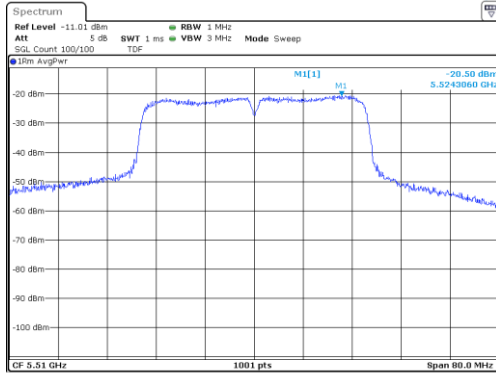
UNII-2A / 802.11n(HT40)/ 5 270 MHz



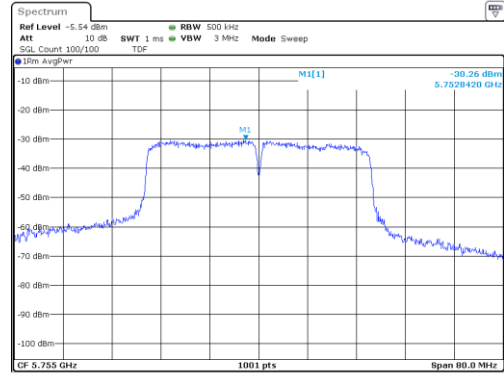
UNII-1 / 802.11n(HT40)/ 5 230 MHz



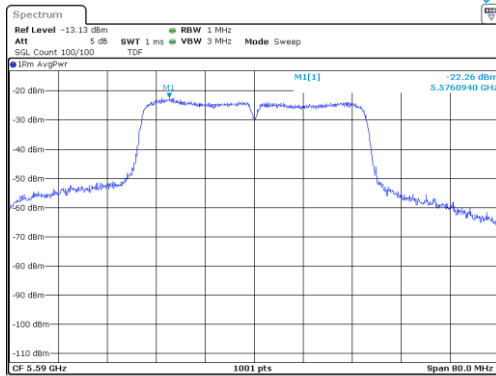
UNII-2A / 802.11n(HT40)/ 5 310 MHz



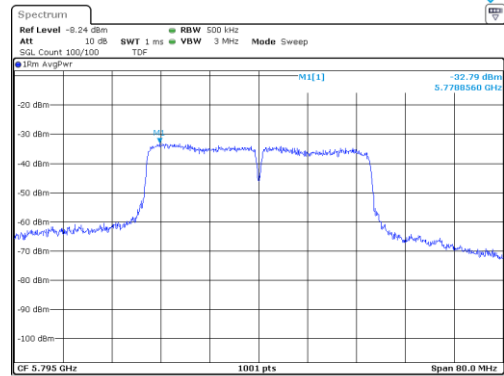
UNII-2C / 802.11n(HT40)/ 5 510 MHz



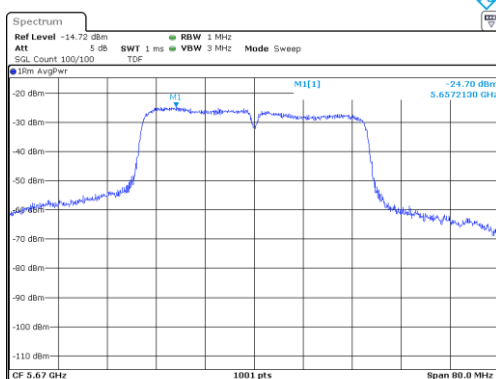
UNII-3 / 802.11n(HT40)/ 5 755 MHz



UNII-2C / 802.11n(HT40)/ 5 590 MHz



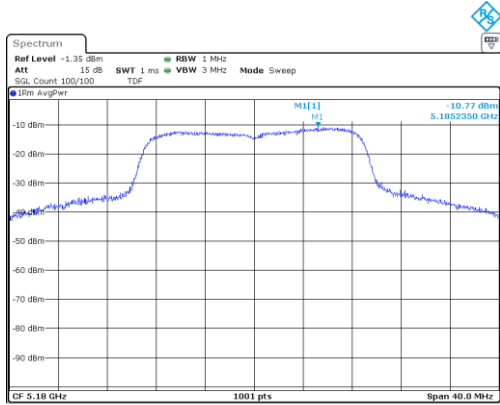
UNII-3 / 802.11n(HT40)/ 5 795 MHz



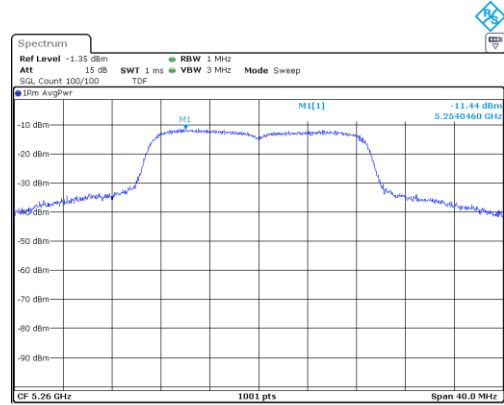
UNII-2C / 802.11n(HT40)/ 5 670 MHz



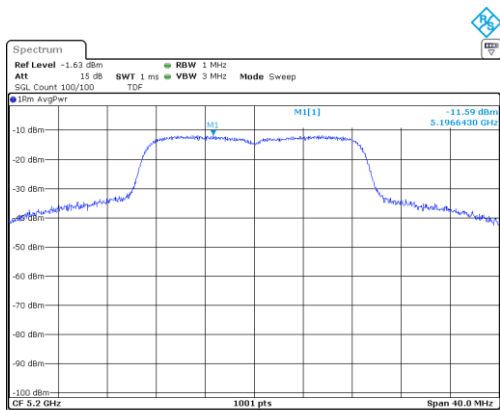
6.3.2.4 Measured Graph for 802.11ac(VHT20) Test Data



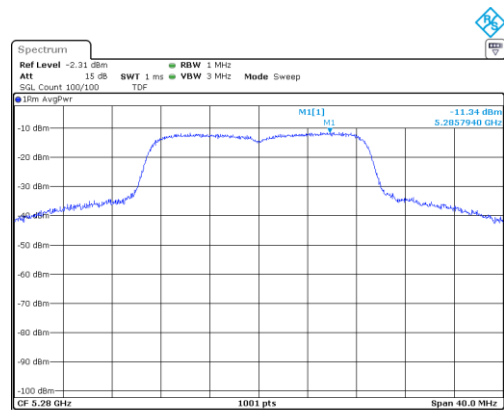
UNII-1 / 802.11ac(VHT20) / 5 180 MHz



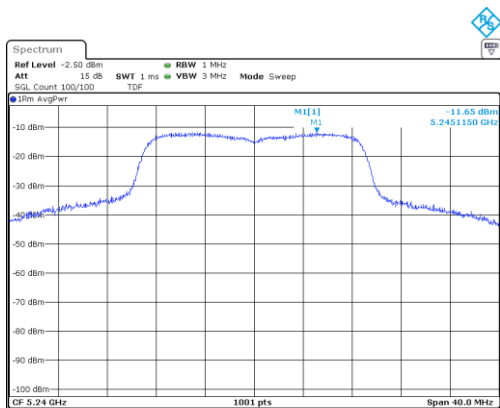
UNII-2A / 802.11ac(VHT20) / 5 260 MHz



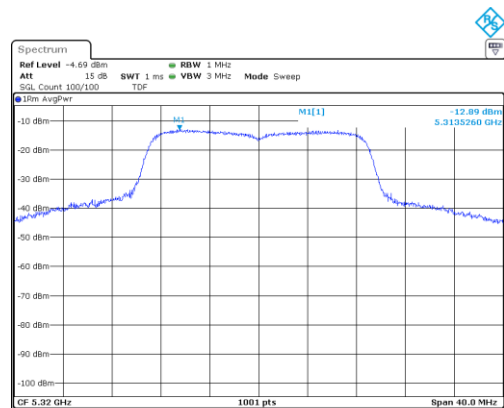
UNII-1 / 802.11ac(VHT20) / 5 200 MHz



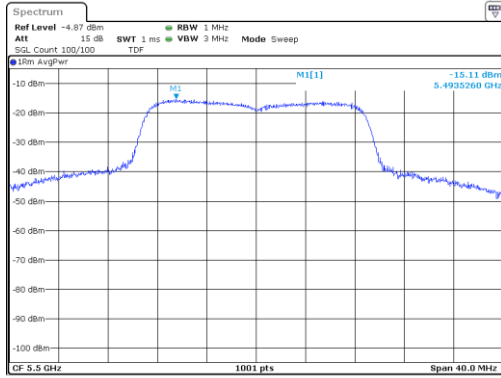
UNII-2A / 802.11ac(VHT20) / 5 280 MHz



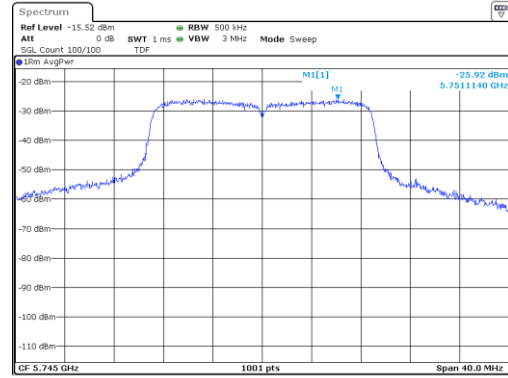
UNII-1 / 802.11ac(VHT20) / 5 240 MHz



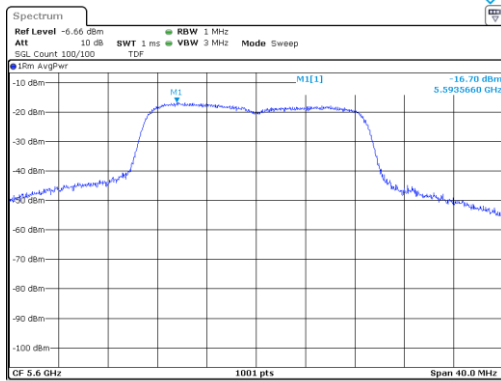
UNII-2A / 802.11ac(VHT20) / 5 320 MHz



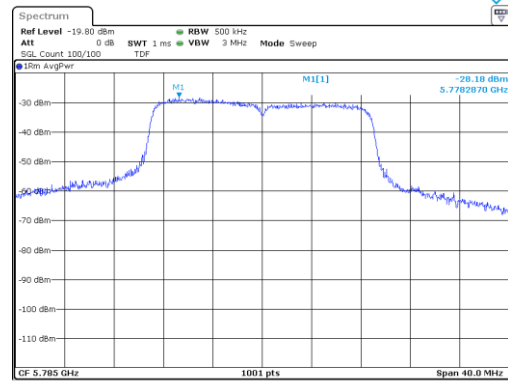
UNII-2C / 802.11ac(VHT20)/ 5 500 MHz



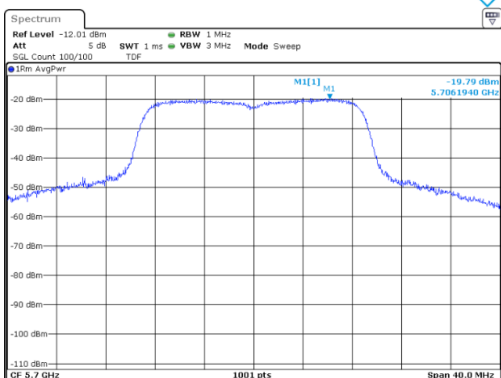
UNII-3 / 802.11ac(VHT20)/ 5 745 MHz



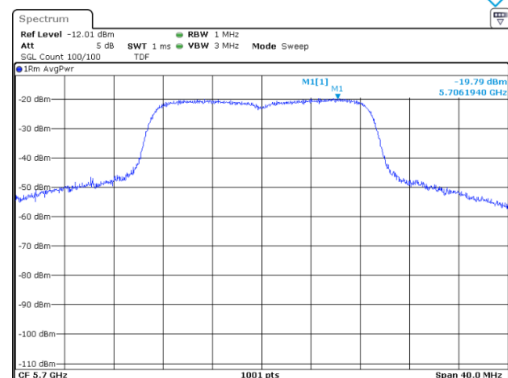
UNII-2C / 802.11ac(VHT20)/ 5 600 MHz



UNII-3 / 802.11ac(VHT20)/ 5 785 MHz



UNII-2C / 802.11ac(VHT20)/ 5 700 MHz



UNII-3 / 802.11ac(VHT20)/ 5 825 MHz