



Note: Antenna A Power > Antenna B Power > Antenna C Power, Both antenna A, B and C have been test, Only show the worst data of Antenna A

Band I (5.15-5.25GHz)

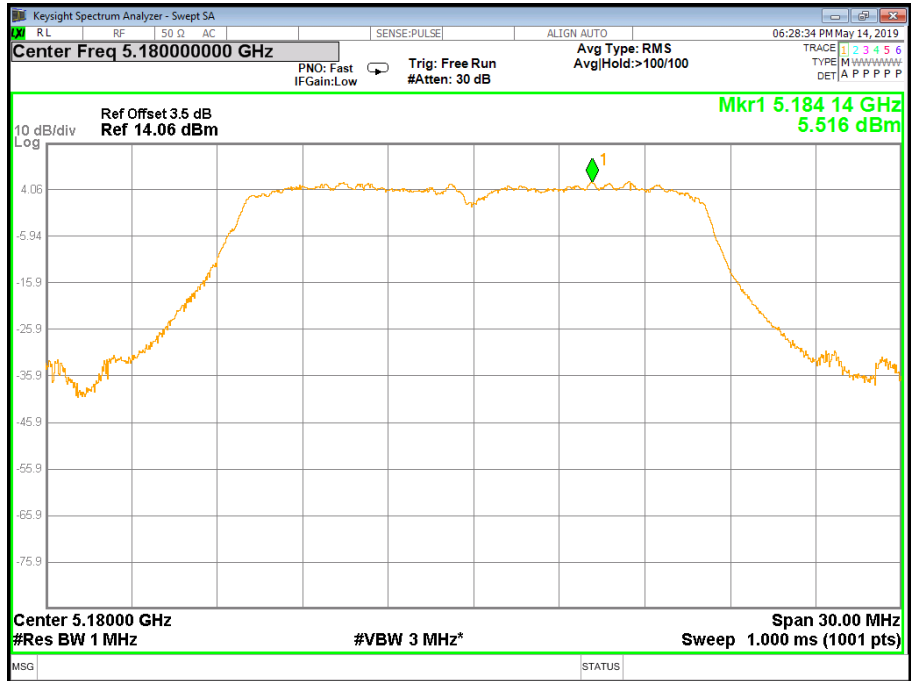
5150-5250MHz						
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density C(dBm)	Power Density Total(dBm)	Limit	Result
802.11a						
5180	5.516	5.124	4.035	--	11	PASS
5200	8.255	7.832	6.594	--	11	PASS
5240	5.252	4.784	3.678	--	11	PASS
802.11n20						
5180	5.446	4.282	3.158	9.167	9.23	PASS
5200	5.663	4.202	3.016	9.200	9.23	PASS
5240	5.238	4.134	3.278	9.062	9.23	PASS
802.11n40						
5190	1.680	1.054	0.127	5.771	9.23	PASS
5230	2.243	1.938	0.845	6.487	9.23	PASS
802.11ac20						
5180	5.579	4.324	3.034	9.207	9.23	PASS
5200	5.521	4.431	3.014	9.212	9.23	PASS
5240	5.542	4.102	3.178	9.156	9.23	PASS
802.11ac40						
5190	2.347	1.836	0.754	6.466	9.23	PASS
5230	1.202	0.879	-0.452	5.371	9.23	PASS
802.11ac80						
5210	-0.356	-1.054	-2.134	3.650	9.23	PASS

Note: For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. In addition, MIMO antenna gain is 7.77dBi, greater than 6dBi, the limit will reduce 1.77dBi, so, the MIMO power spectral density shall not exceed 9.23dBm.

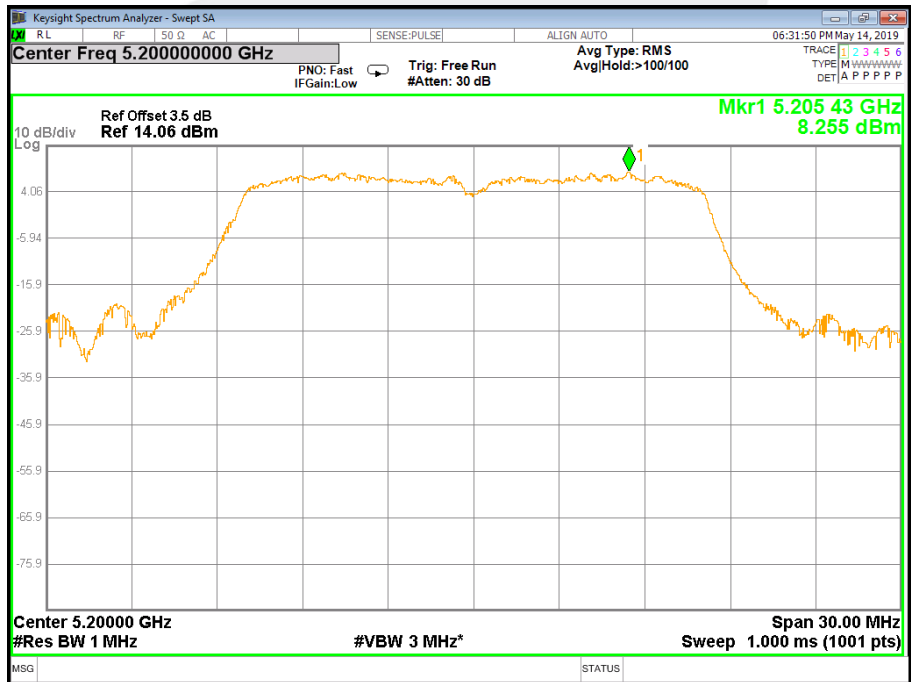


Band I (5.15-5.25GHz) 802.11a Antenna A

PSD 802.11a Channel 36

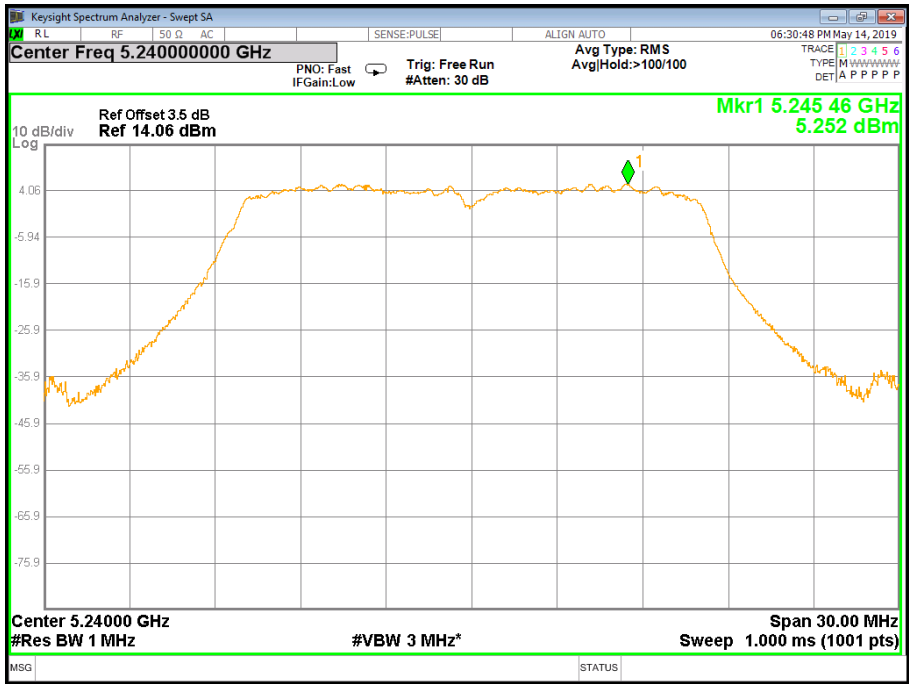


PSD 802.11a Channel 40





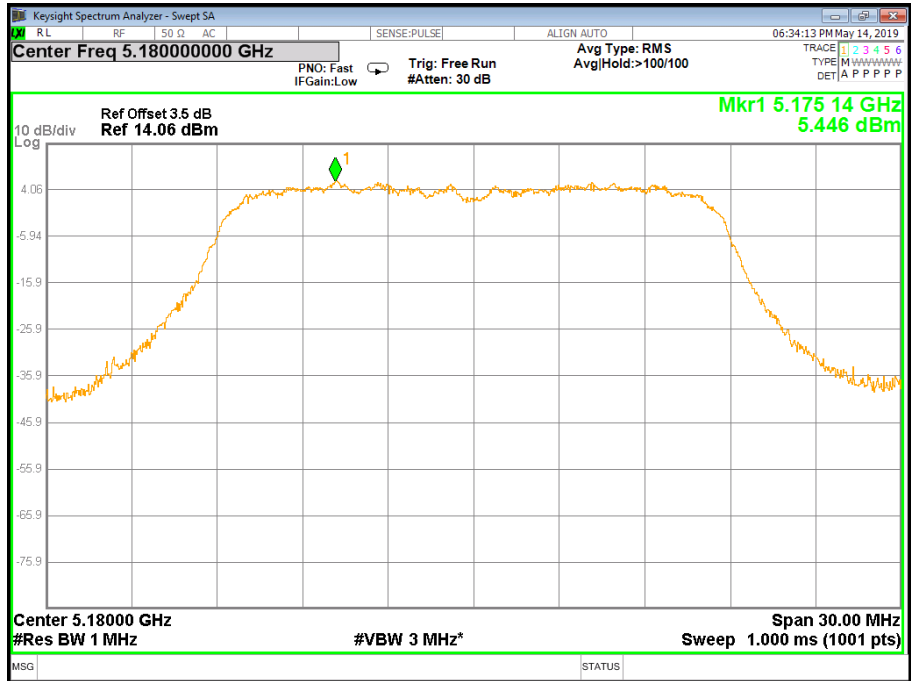
PSD 802.11a Channel 48



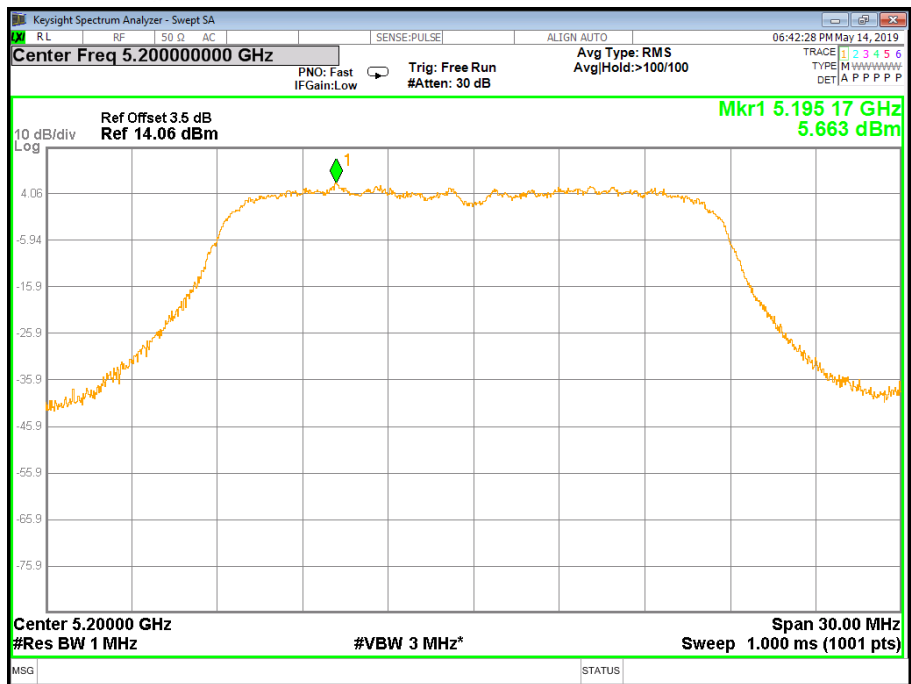


Band I (5.15-5.25GHz) 802.11n(HT20) Antenna A

PSD 802.11n(HT20) Channel 36

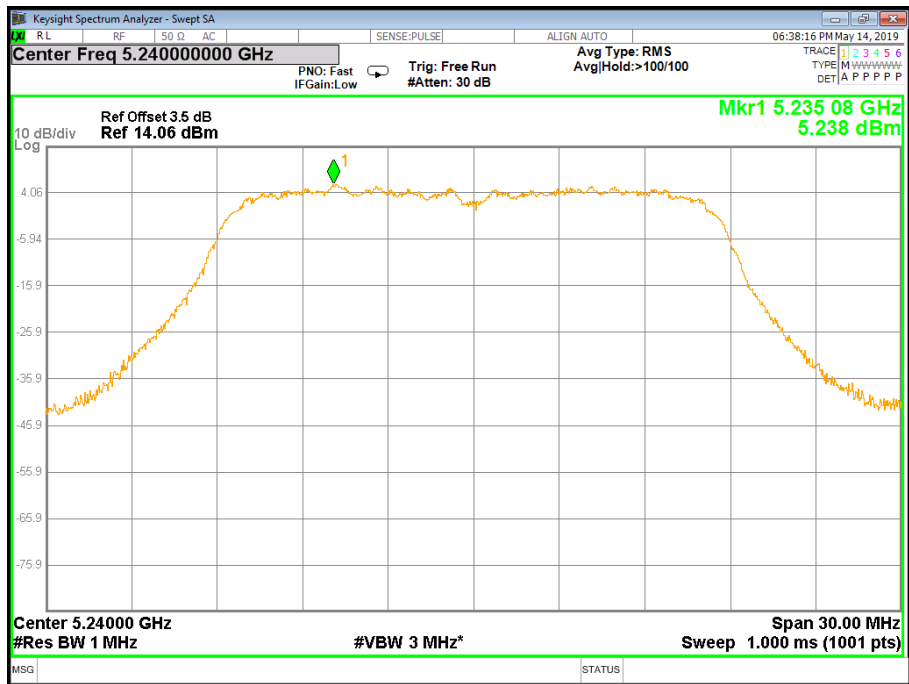


PSD 802.11n(HT20) Channel 40



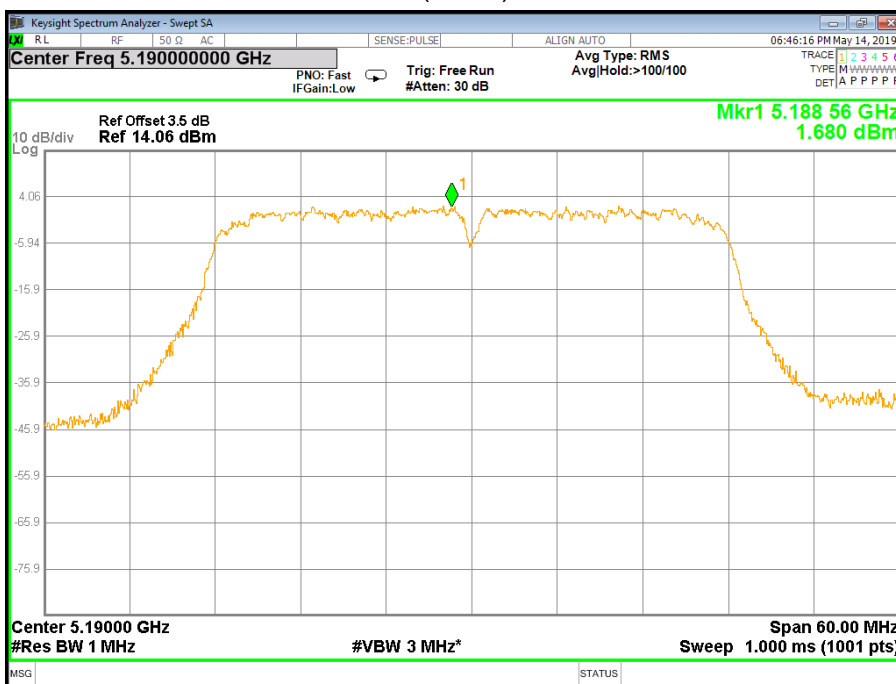


PSD 802.11n(HT20) Channel 48

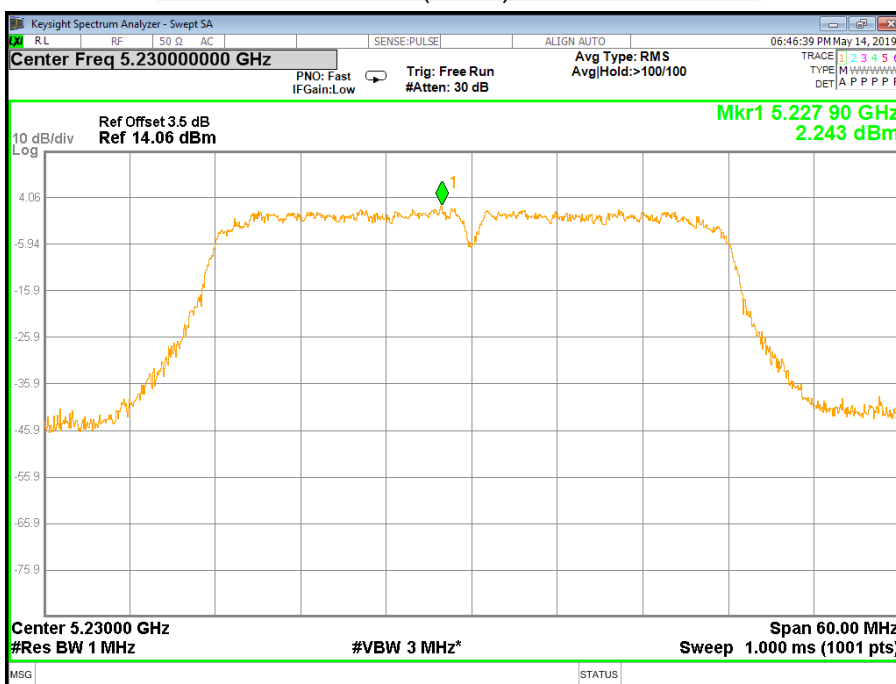


Band I (5.15-5.25GHz) 802.11n(HT40) Antenna A

PSD 802.11n(HT40) Channel 38

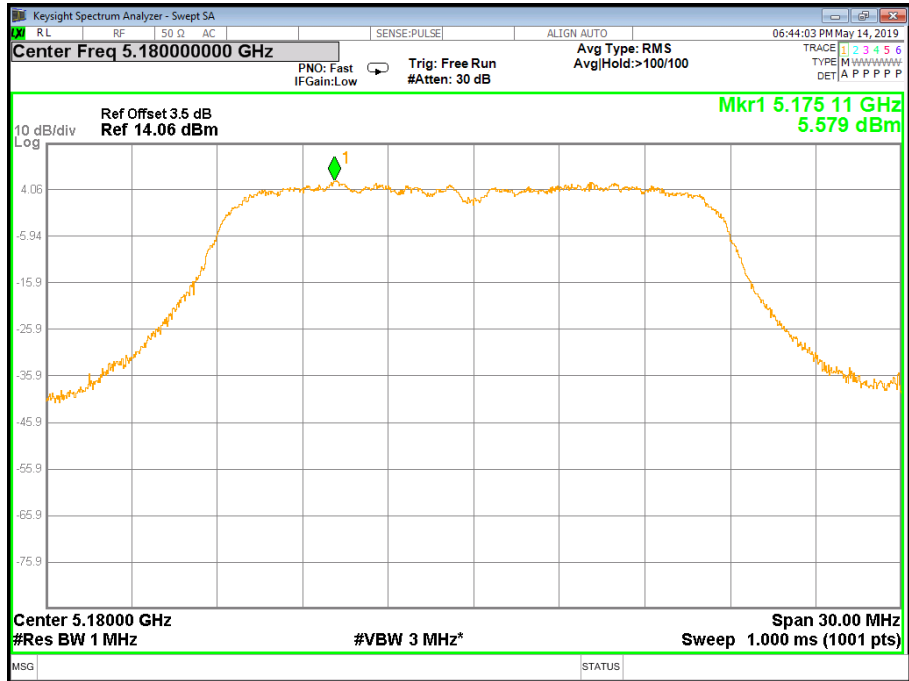


PSD 802.11n(HT40) Channel 46

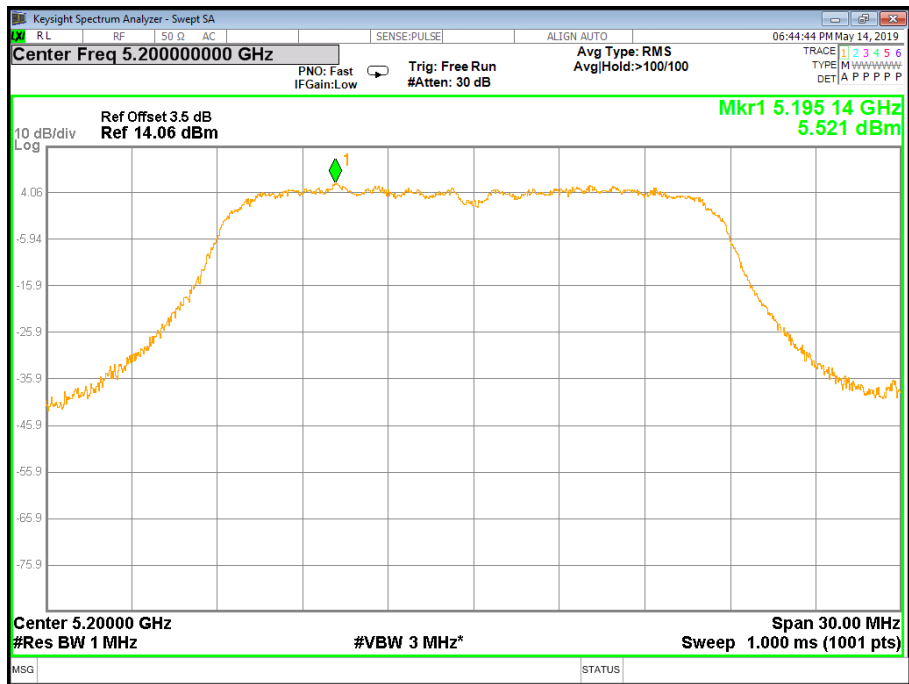




Band I (5.15-5.25GHz) 802.11ac(VHT20) Antenna A
PSD 802.11ac(VHT20) Channel 36

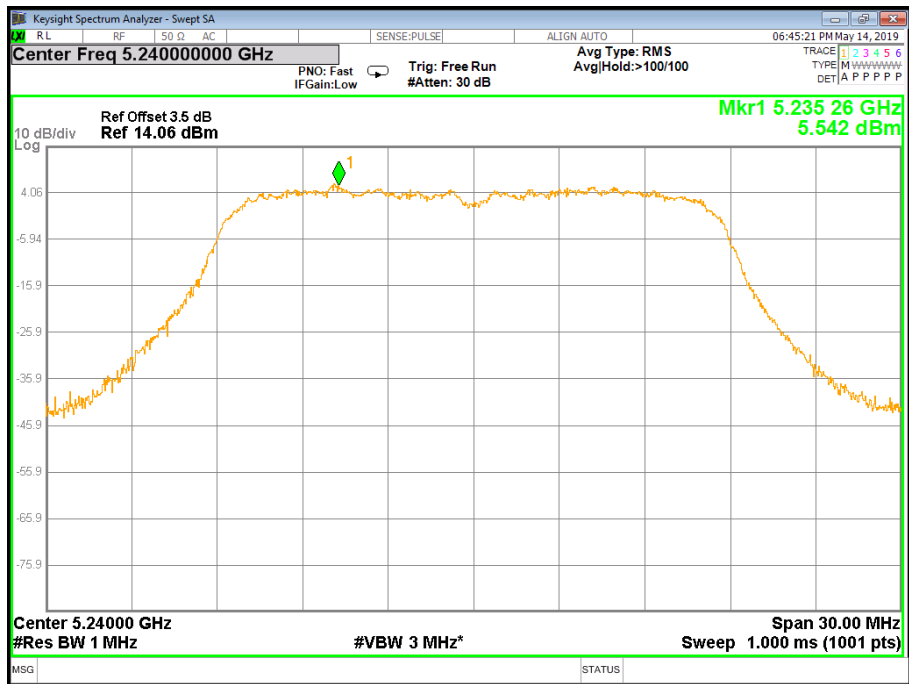


PSD 802.11ac(VHT20) Channel 40



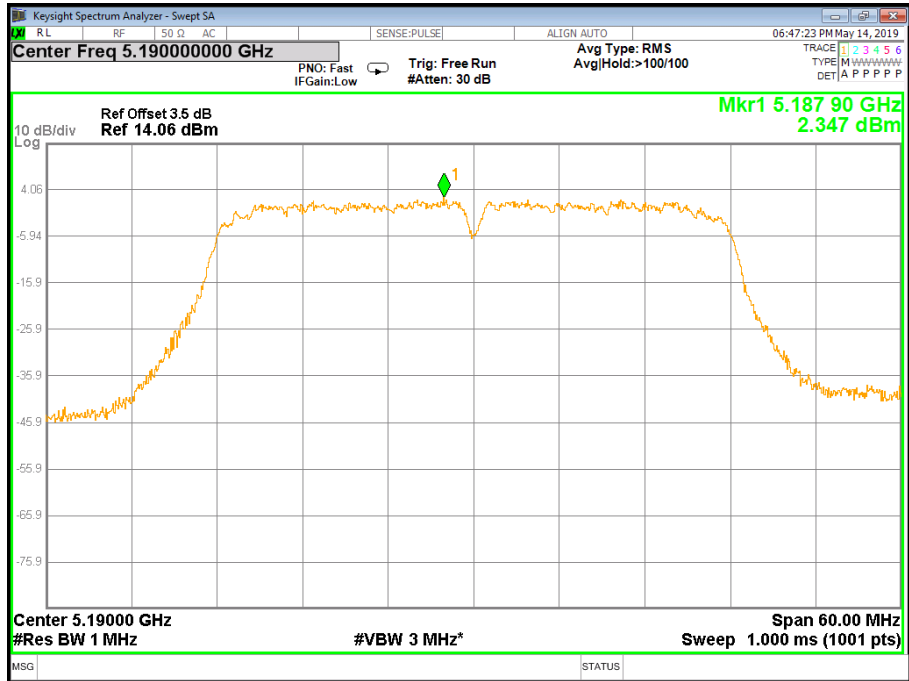


PSD 802.11ac(VHT20) Channel 48

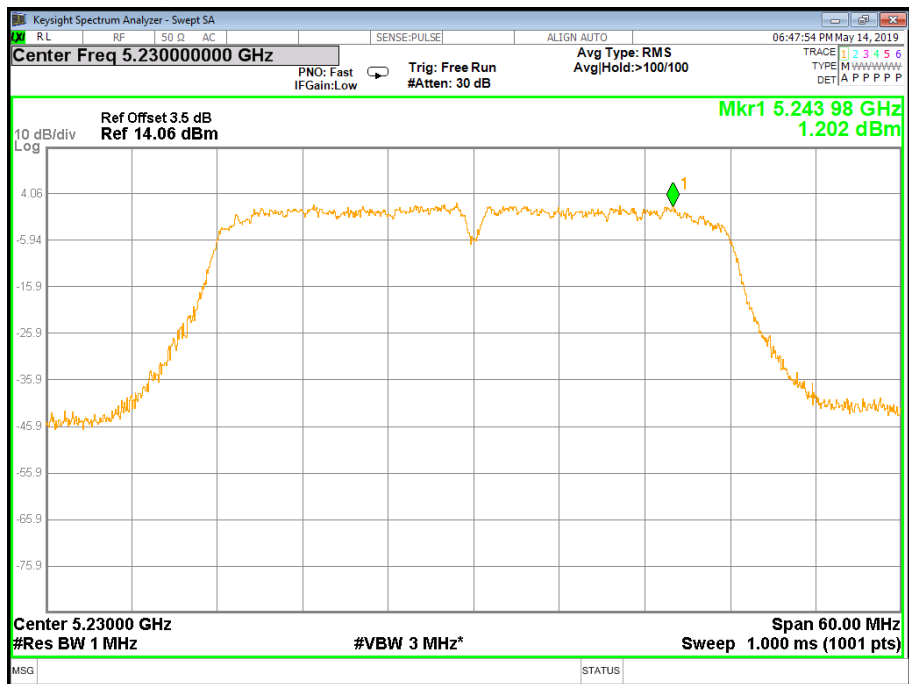




Band I (5.15-5.25GHz) 802.11ac(VHT40) Antenna A PSD 802.11ac(VHT40) Channel 38

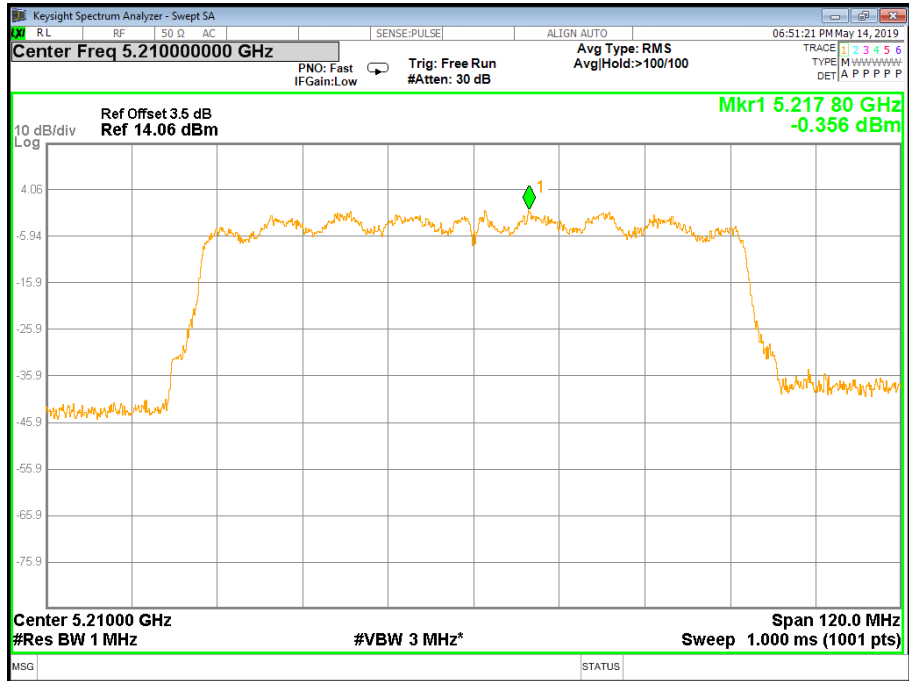


PSD 802.11ac(VHT40) Channel 46





Band I (5.15-5.25GHz) 802.11ac(VHT80) Antenna A PSD 802.11ac(VHT80) Channel 42



**Band IV (5.725-5.850GHz)**

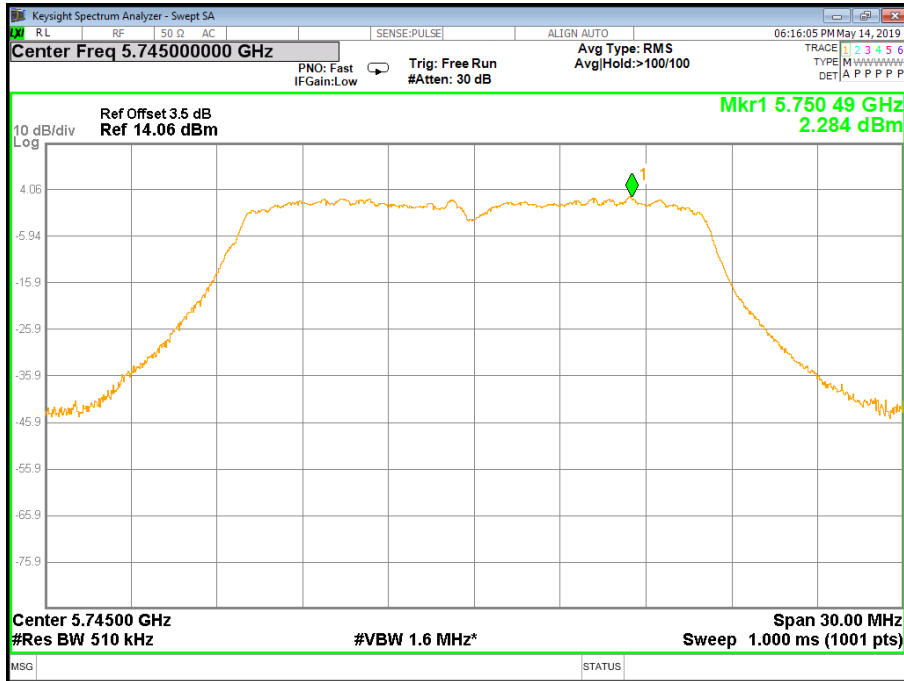
5725-5850MHz						
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density C(dBm)	Power Density Total(dBm)	Limit	Result
802.11a						
5745	2.284	1.134	-1.427	--	30	PASS
5785	3.418	2.487	0.416	--	30	PASS
5825	5.671	4.386	2.745	--	30	PASS
802.11n20						
5745	2.587	1.278	-1.367	5.895	28.23	PASS
5785	6.005	5.127	3.485	9.765	28.23	PASS
5825	3.498	2.394	0.159	6.999	28.23	PASS
802.11n40						
5755	-1.329	-2.468	-4.248	2.250	28.23	PASS
5795	-1.479	-2.745	-4.128	2.120	28.23	PASS
802.11ac20						
5745	2.318	1.156	-1.872	5.635	28.23	PASS
5785	3.105	2.697	0.346	6.979	28.23	PASS
5825	3.404	2.378	0.127	6.945	28.23	PASS
802.11ac40						
5755	-1.077	-2.471	-4.591	2.289	28.23	PASS
5795	-0.970	-1.369	-3.157	3.038	28.23	PASS
802.11ac80						
5775	-3.548	-4.872	-6.248	0.020	28.23	PASS

Note: For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500KHz band. In addition, MIMO antenna gain is 7.77dBi, greater than 6dBi, the limit will reduce 1.77dBi, so, the MIMO power spectral density shall not exceed 28.23dBm.

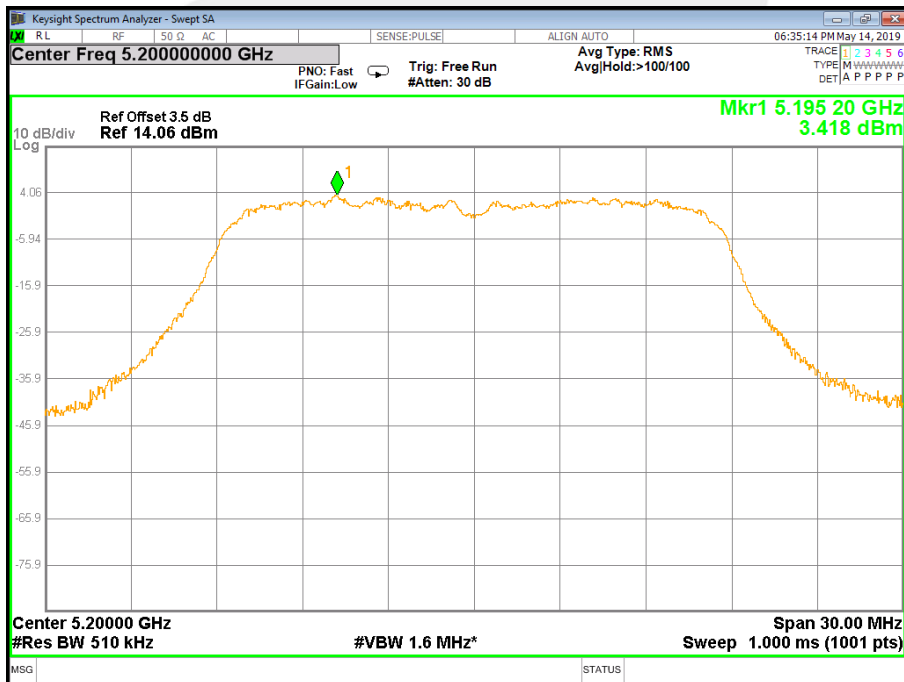


Band IV (5.725-5.850GHz)802.11a Antenna A

PSD 802.11a Channel 149

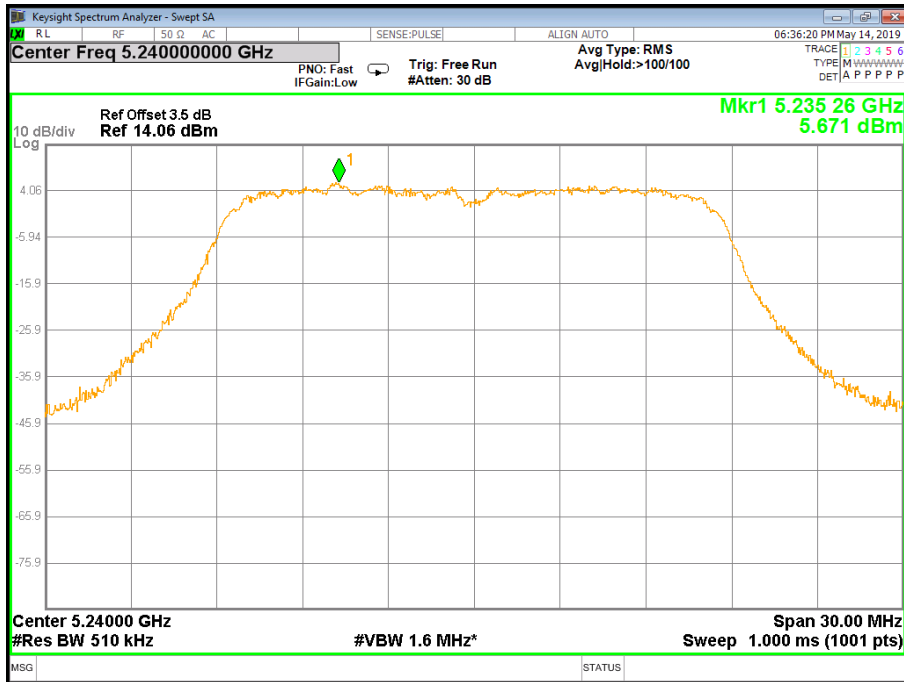


PSD 802.11a Channel 157



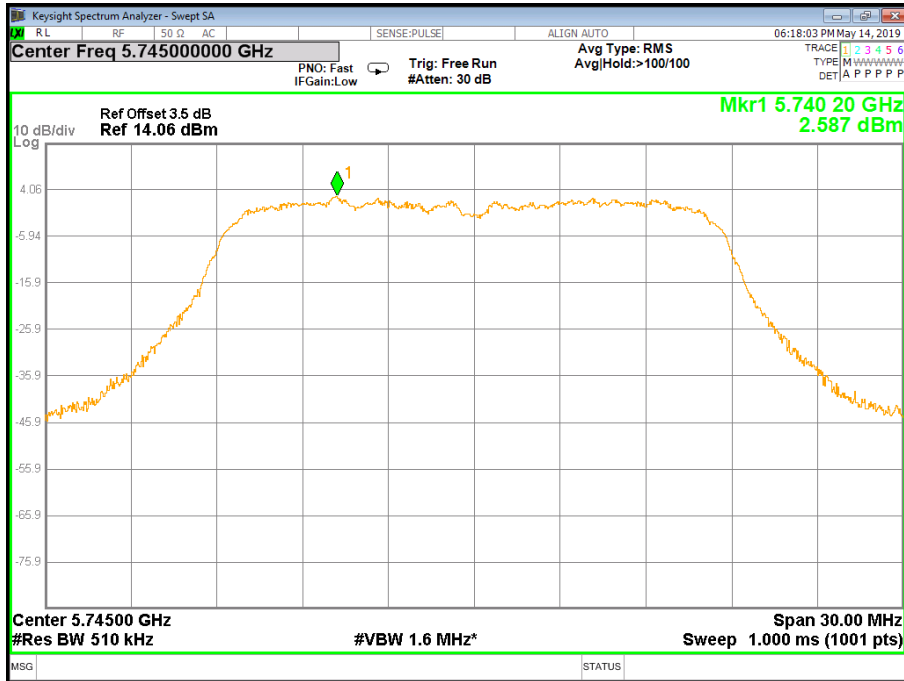


PSD 802.11a Channel 165

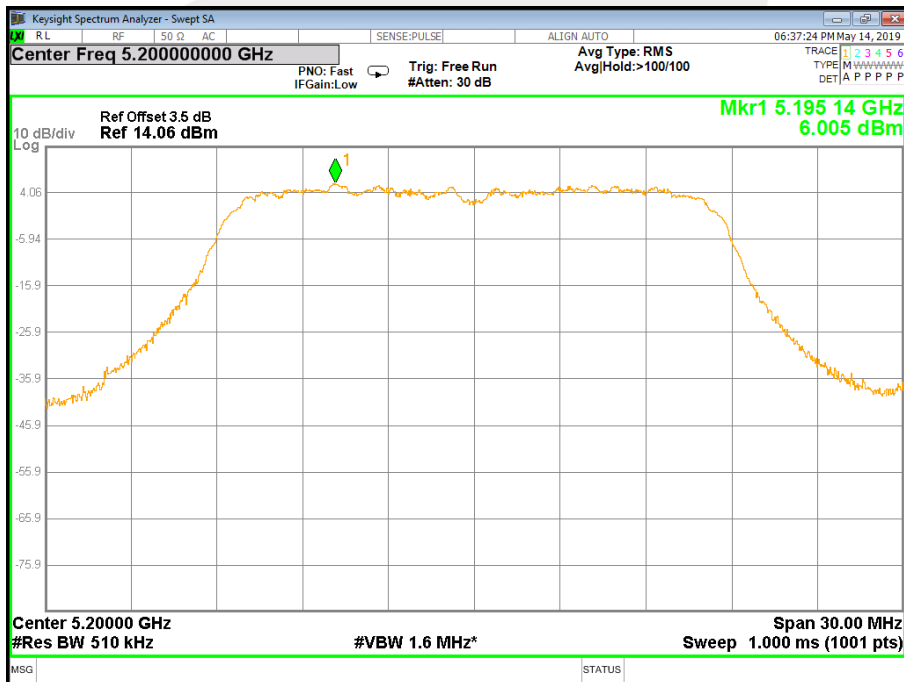




Band IV (5.725-5.850GHz)802.11n(HT20) Antenna A
PSD 802.11n(HT20) Channel 149

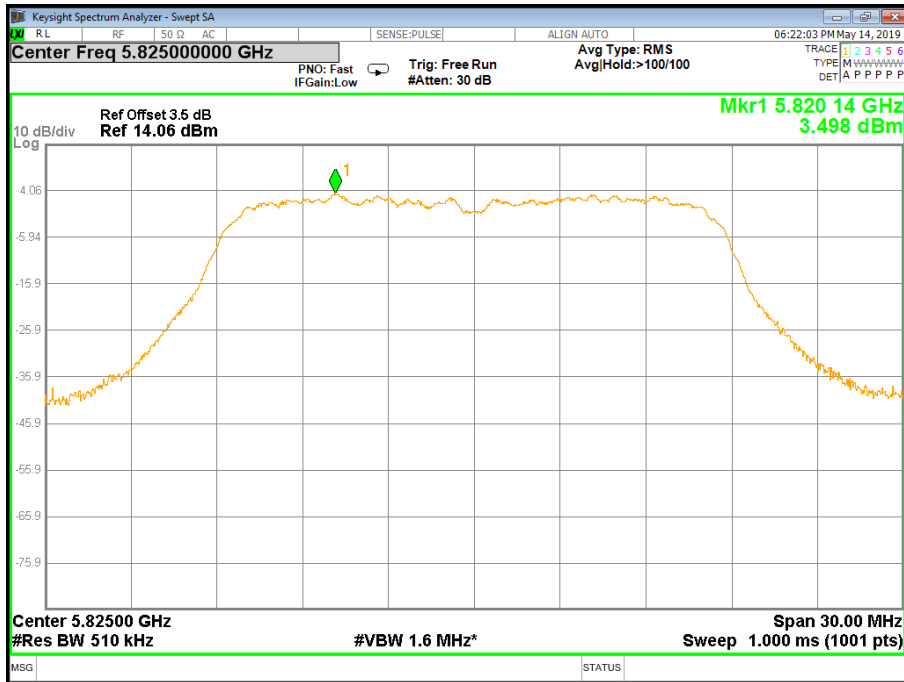


PSD 802.11n(HT20) Channel 157



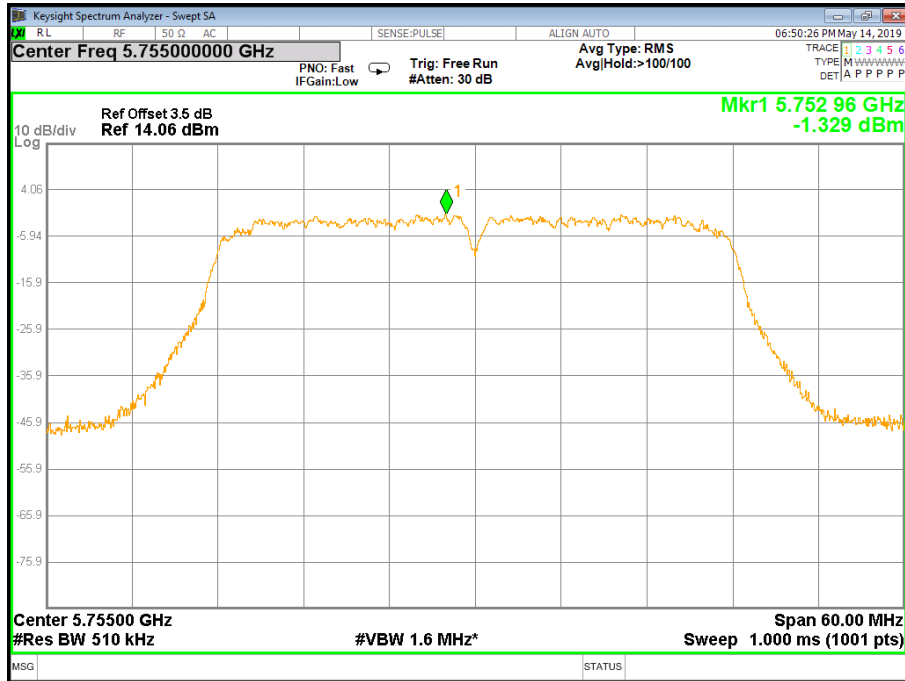


PSD 802.11n(HT20) Channel 165

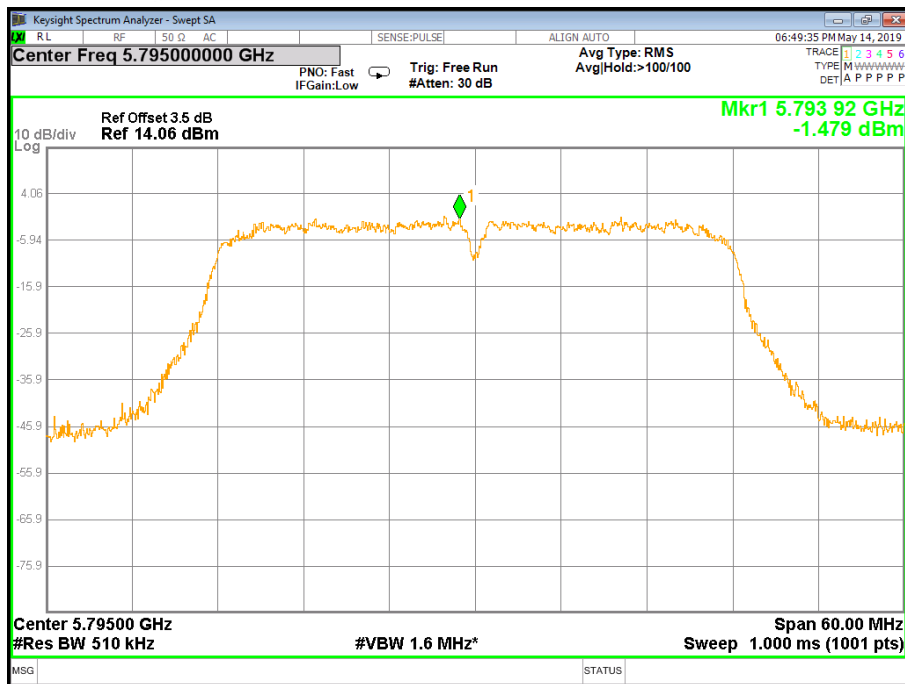




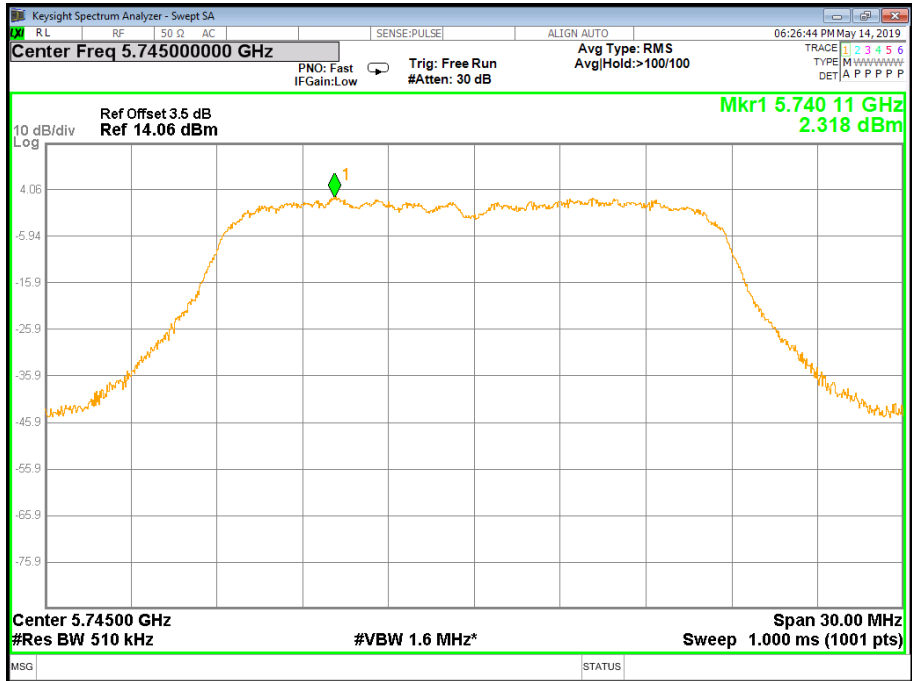
Band IV (5.725-5.850GHz)802.11n(HT40) Antenna A PSD 802.11n(HT40) Channel 151



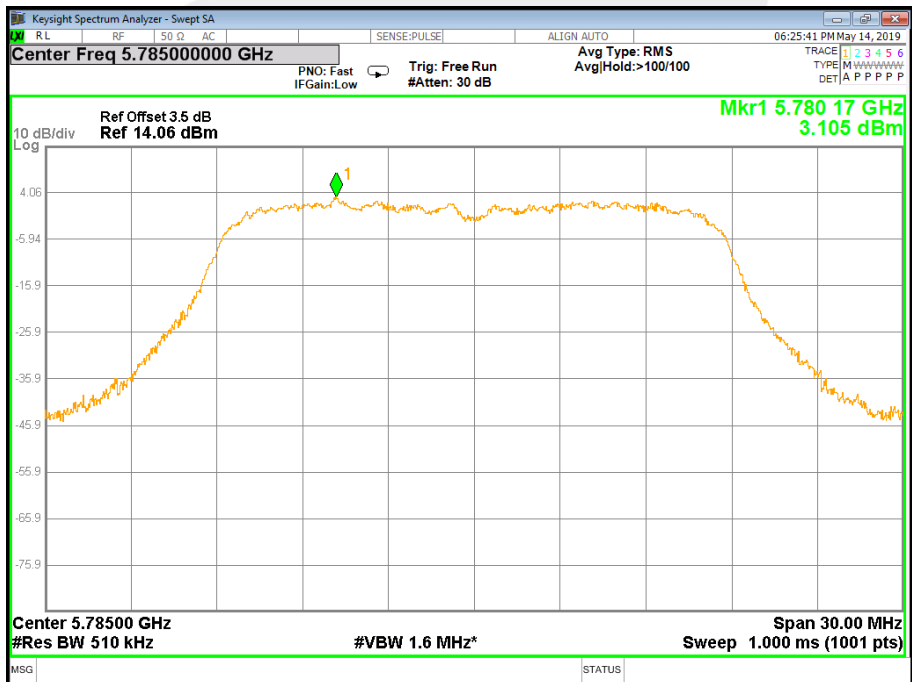
PSD 802.11n(HT40) Channel 159



Band IV (5.725-5.850GHz)802.11ac(VHT20) Antenna A
PSD 802.11ac(VHT20) Channel 149

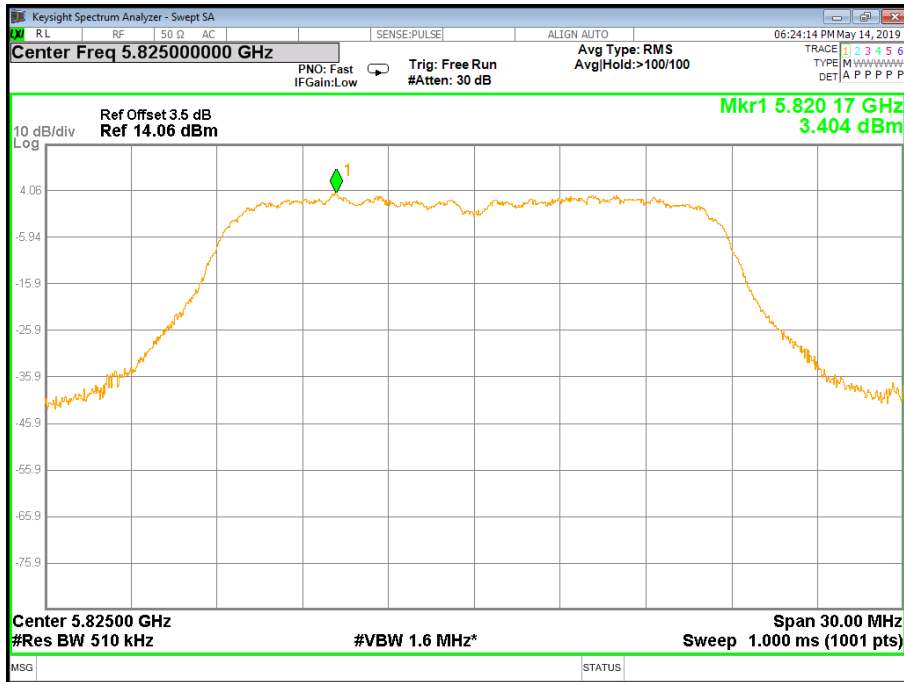


PSD 802.11ac(VHT20) Channel 157

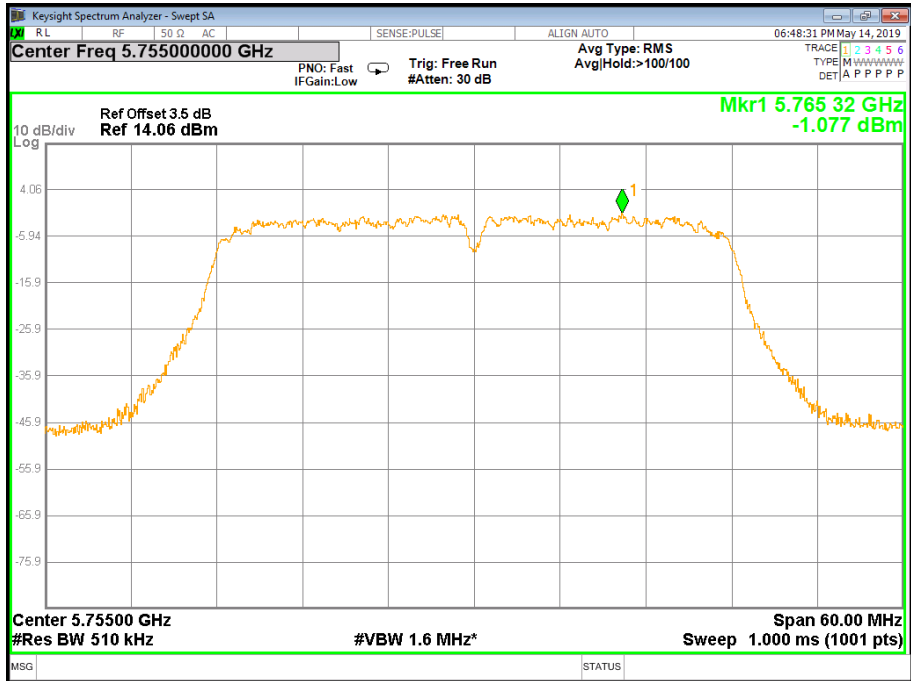




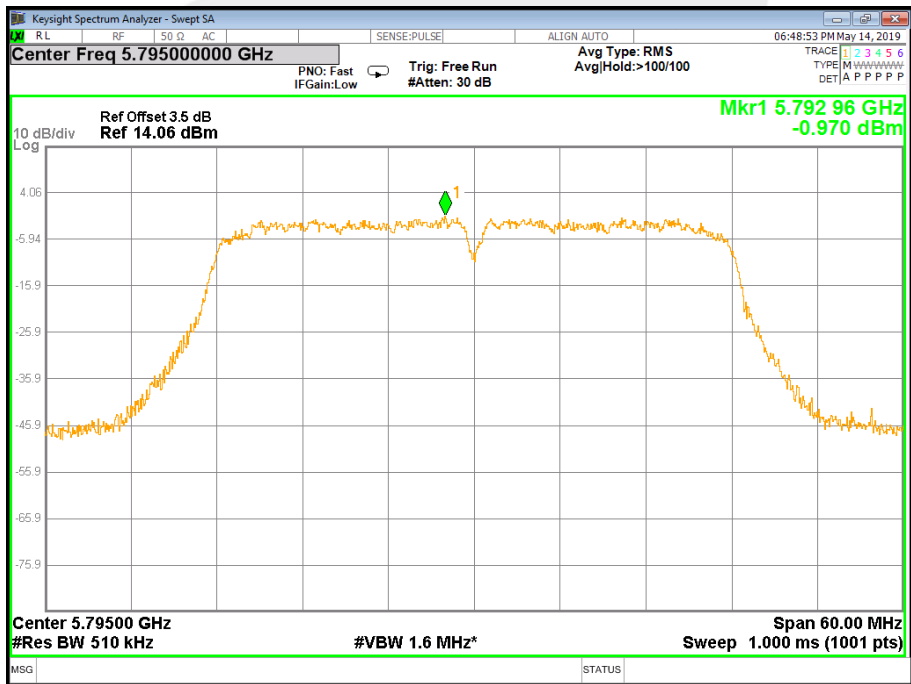
PSD 802.11ac(VHT20) Channel 165



Band IV (5.725-5.850GHz)802.11ac(VHT40) Antenna A
PSD 802.11ac(VHT40) Channel 151



PSD 802.11ac(VHT40) Channel 159





Band IV (5.725-5.850GHz)802.11ac(VHT80) Antenna A PSD 802.11ac(VHT80) Channel 155

