

**Band I (5.15-5.25GHz)****FCC**

5150-5250MHz			
Frequency	Power Density Total(dBm)	Limit	Result
802.11a			
5180	3.698	11	PASS
5200	3.849	11	PASS
5240	2.431	11	PASS
802.11n20			
5180	4.851	11	PASS
5200	3.832	11	PASS
5240	4.089	11	PASS
802.11n40			
5190	2.505	11	PASS
5230	3.134	11	PASS
802.11ac20			
5180	3.387	11	PASS
5200	3.902	11	PASS
5240	3.631	11	PASS
802.11ac40			
5190	2.771	11	PASS
5230	2.504	11	PASS
802.11ac80			
5210	2.487	11	PASS



IC

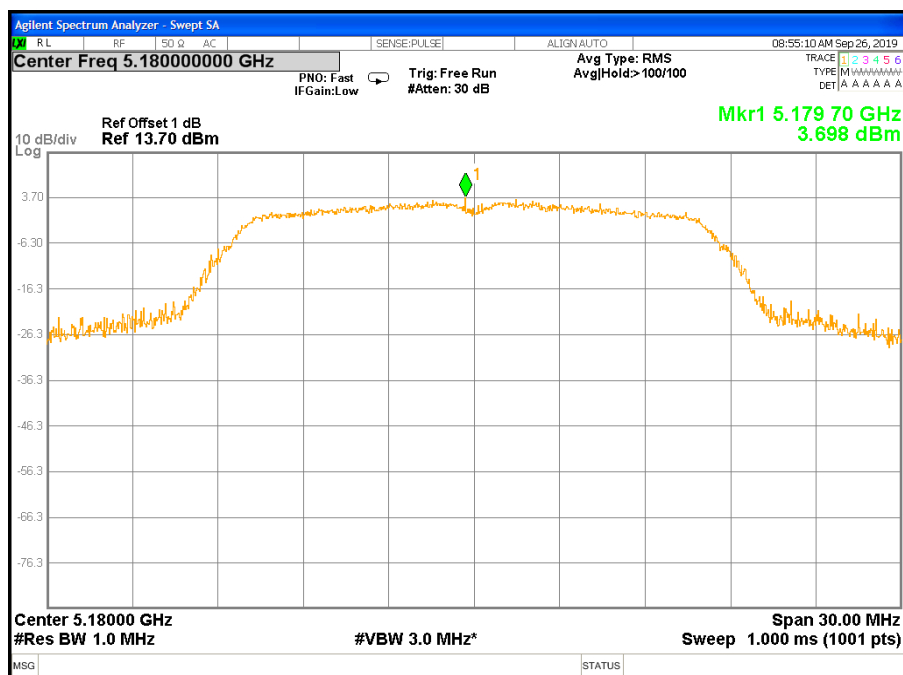
5150-5250MHz					
Frequency	Power Density Total(dBm)	Gain(dBi)	EIRP Power Density(dBm)	Limit	Result
802.11a					
5180	3.698	2	5.698	10	PASS
5200	3.849	2	5.849	10	PASS
5240	2.431	2	4.431	10	PASS
802.11n20					
5180	4.851	2	6.851	10	PASS
5200	3.832	2	5.832	10	PASS
5240	4.089	2	6.089	10	PASS
802.11n40					
5190	2.505	2	4.505	10	PASS
5230	3.134	2	5.134	10	PASS
802.11ac20					
5180	3.387	2	5.387	10	PASS
5200	3.902	2	5.902	10	PASS
5240	3.631	2	5.631	10	PASS
802.11ac40					
5190	2.771	2	4.771	10	PASS
5230	2.504	2	4.504	10	PASS
802.11ac80					
5210	2.487	2	4.487	10	PASS

Note: EIRP Power Density = Power spectral density value+ antenna gain value

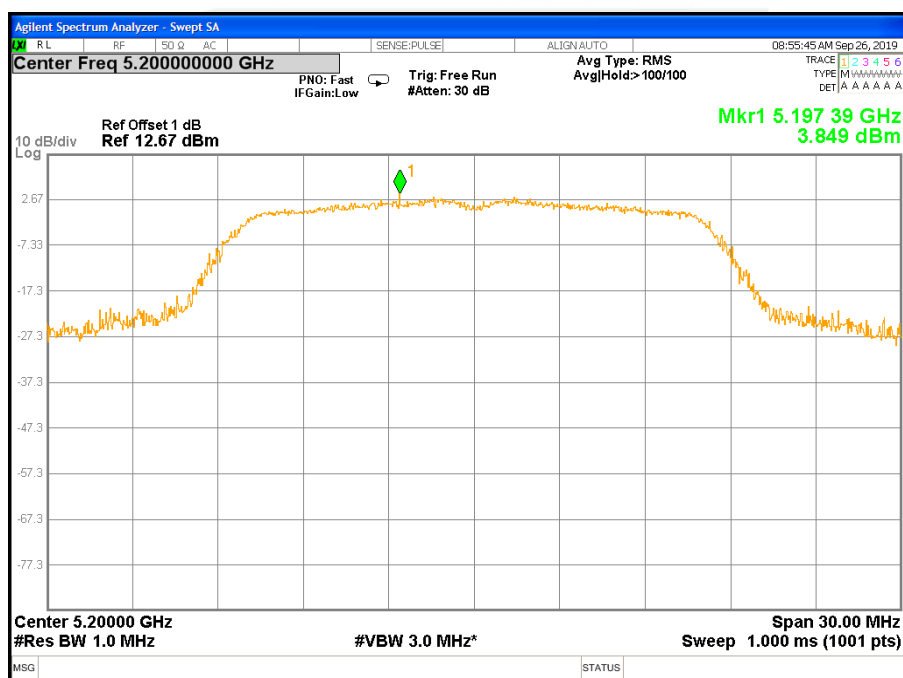


Band I (5.15-5.25GHz) 802.11a

PSD 802.11a Channel 36

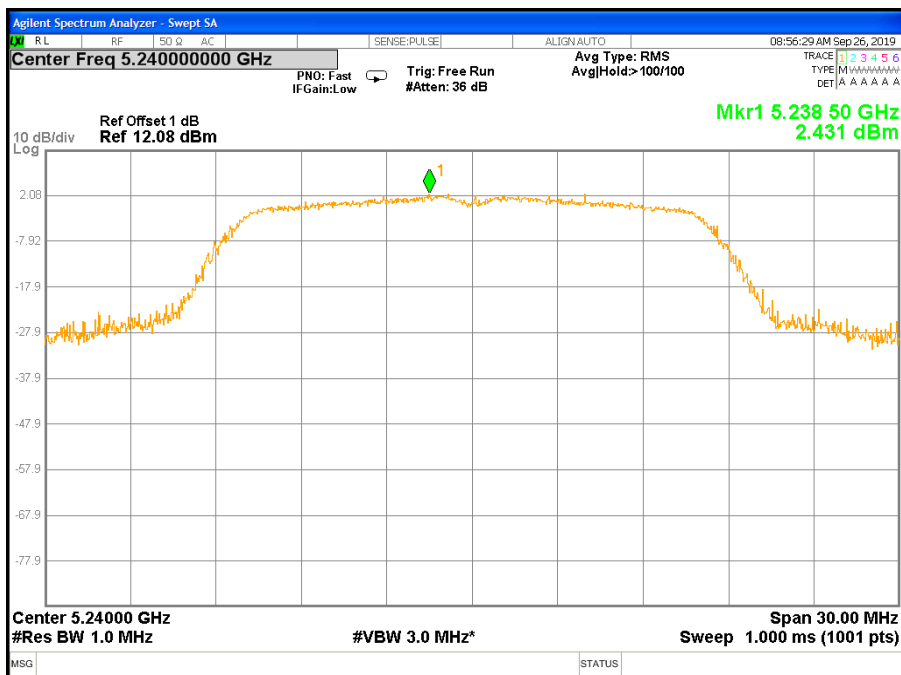


PSD 802.11a Channel 40





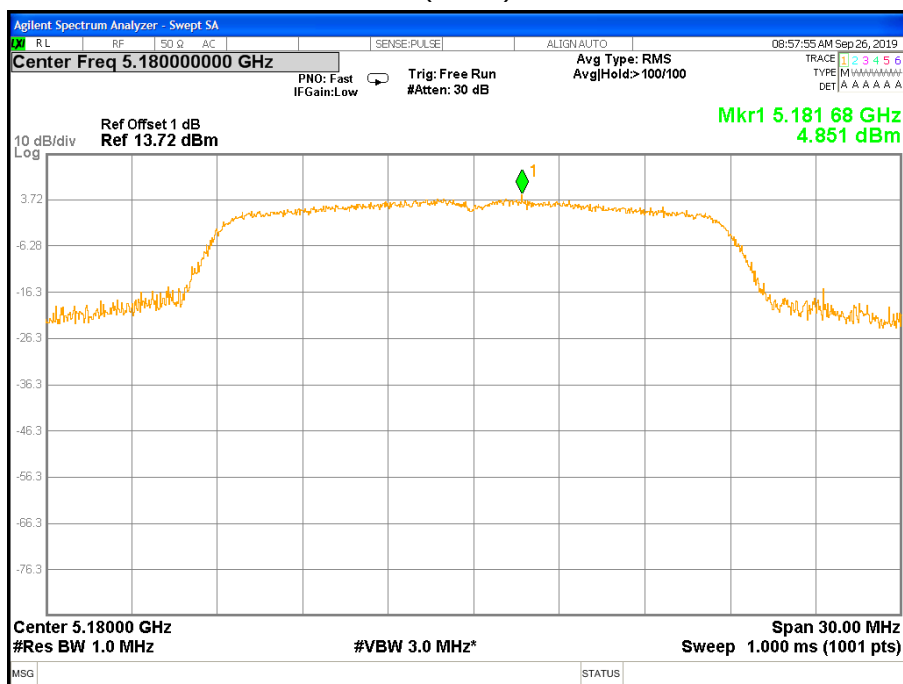
PSD 802.11a Channel 48



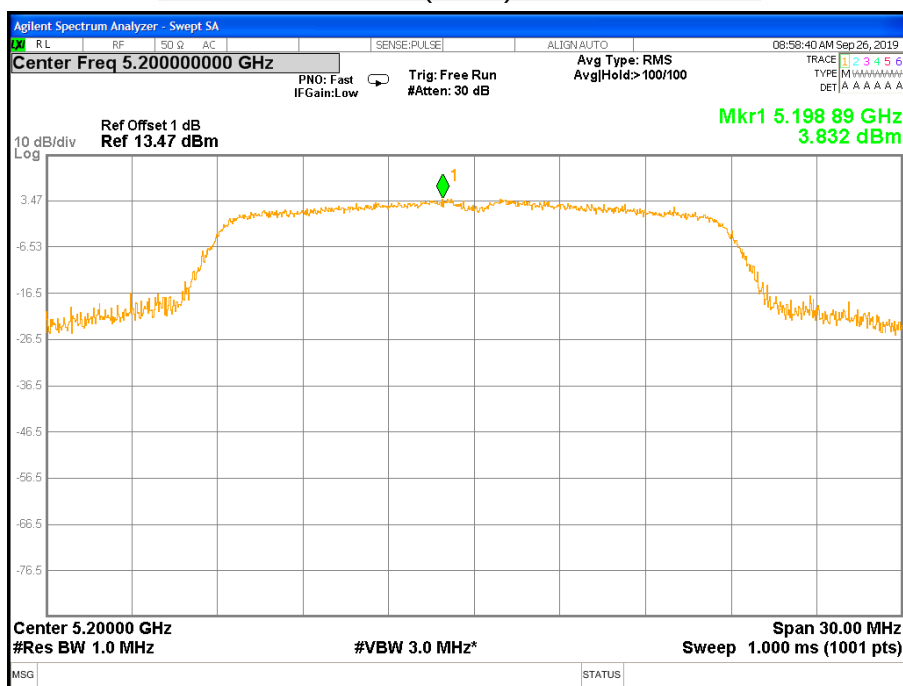


Band I (5.15-5.25GHz) 802.11n(HT20)

PSD 802.11n(HT20) Channel 36

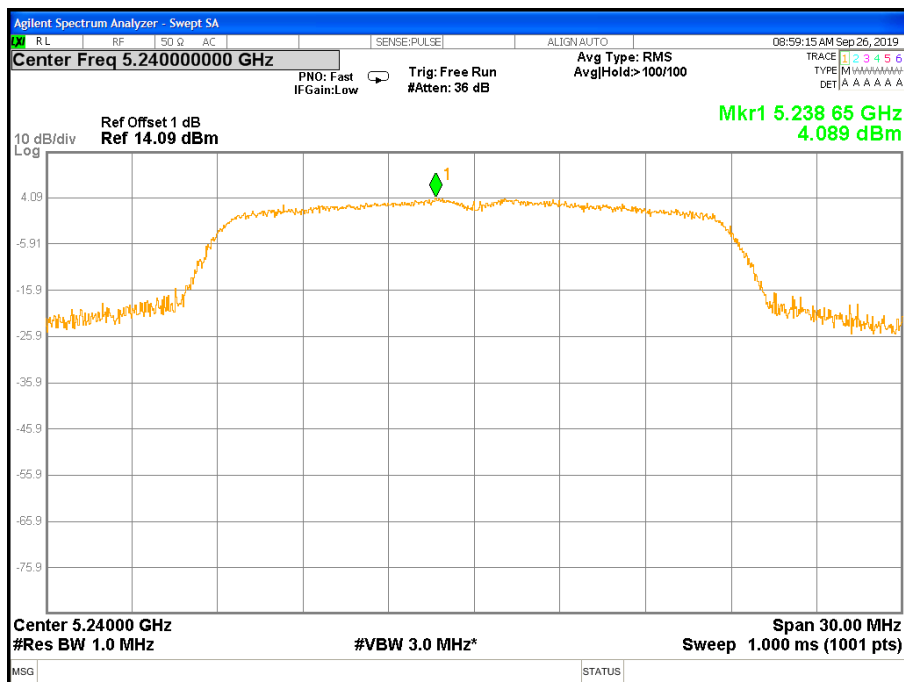


PSD 802.11n(HT20) Channel 40





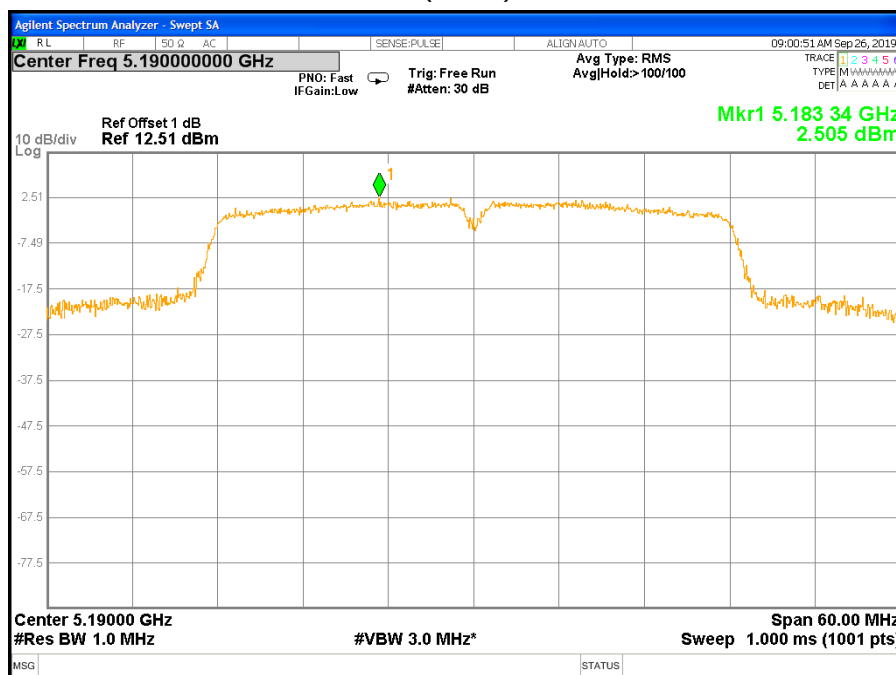
PSD 802.11n(HT20) Channel 48



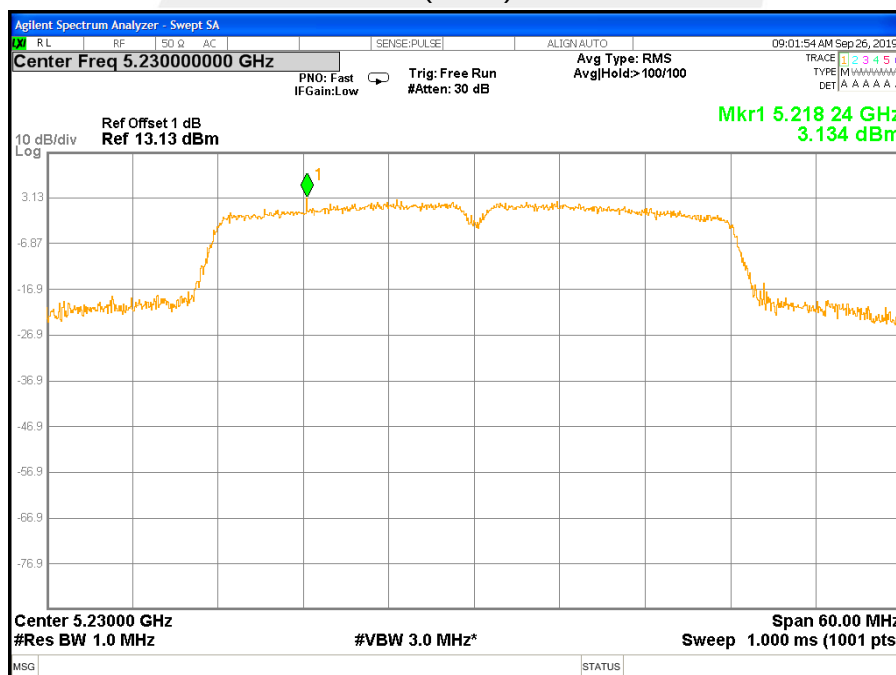


Band I (5.15-5.25GHz) 802.11n(HT40)

PSD 802.11n(HT40) Channel 38



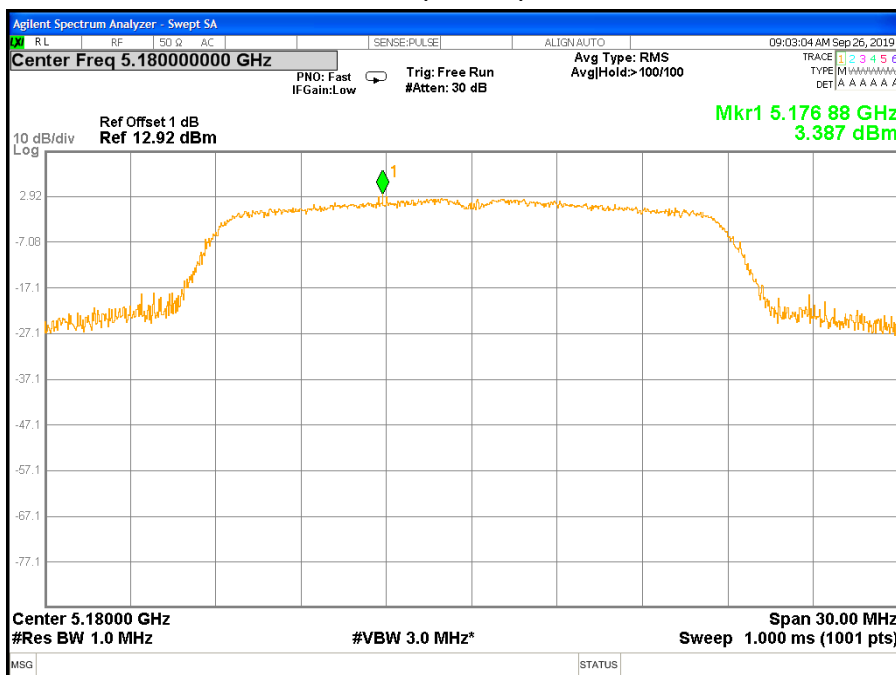
PSD 802.11n(HT40) Channel 46



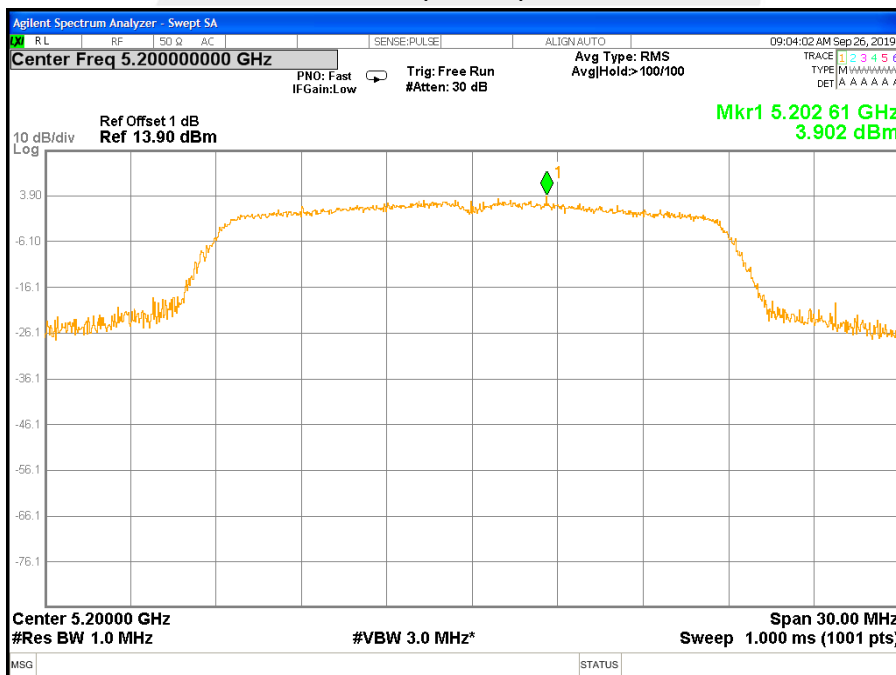


Band I (5.15-5.25GHz) 802.11ac(VHT20)

PSD 802.11ac(VHT20) Channel 36

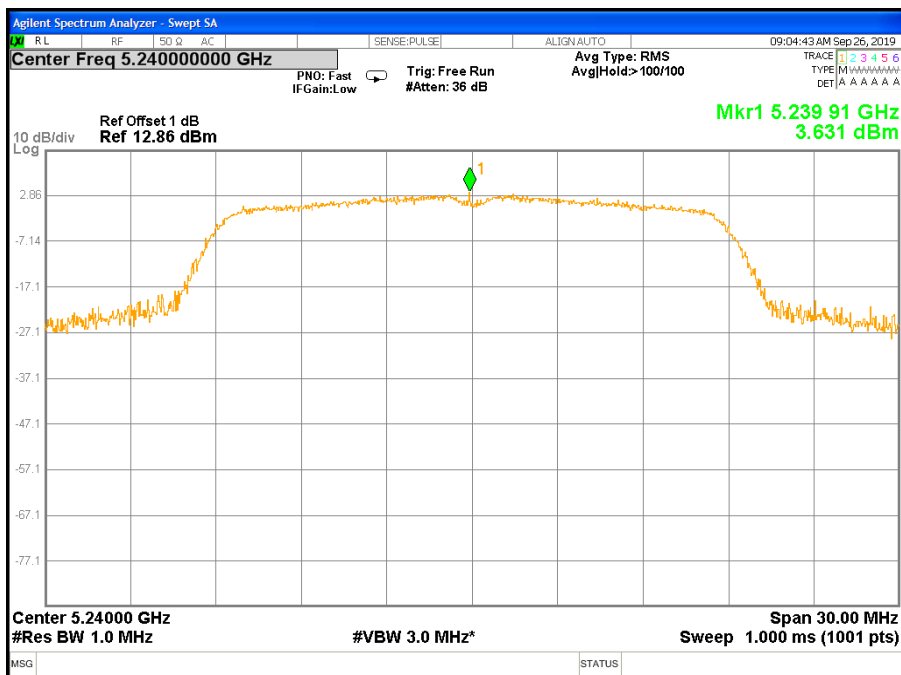


PSD 802.11ac(VHT20) Channel 40





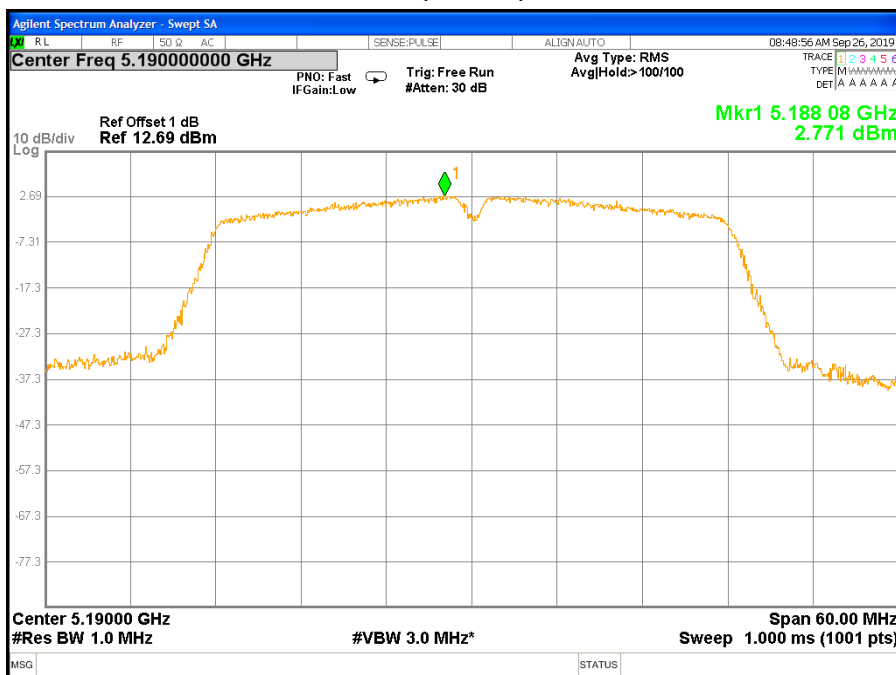
PSD 802.11ac(VHT20) Channel 48



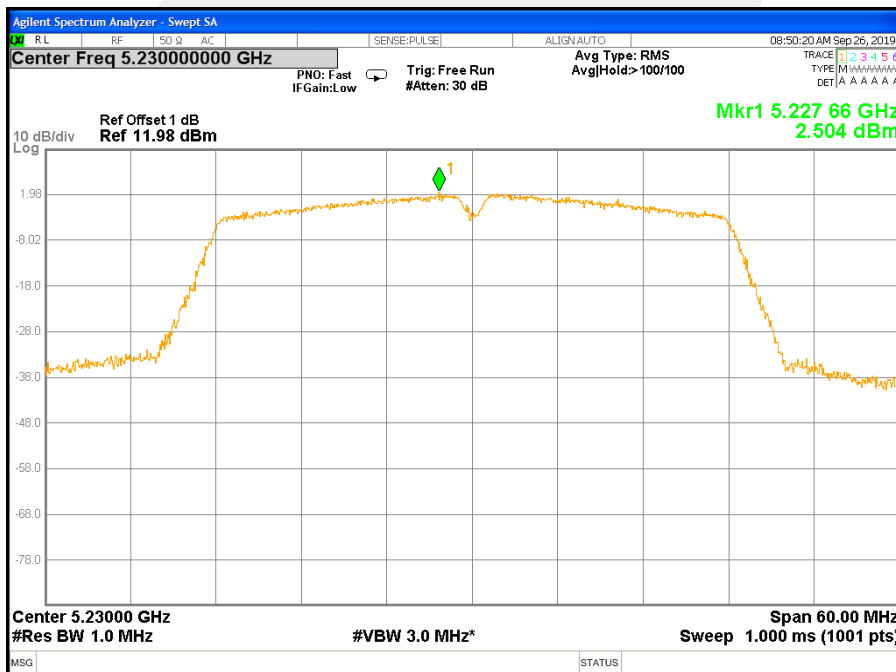


Band I (5.15-5.25GHz) 802.11ac(VHT40)

PSD 802.11ac(VHT40) Channel 38



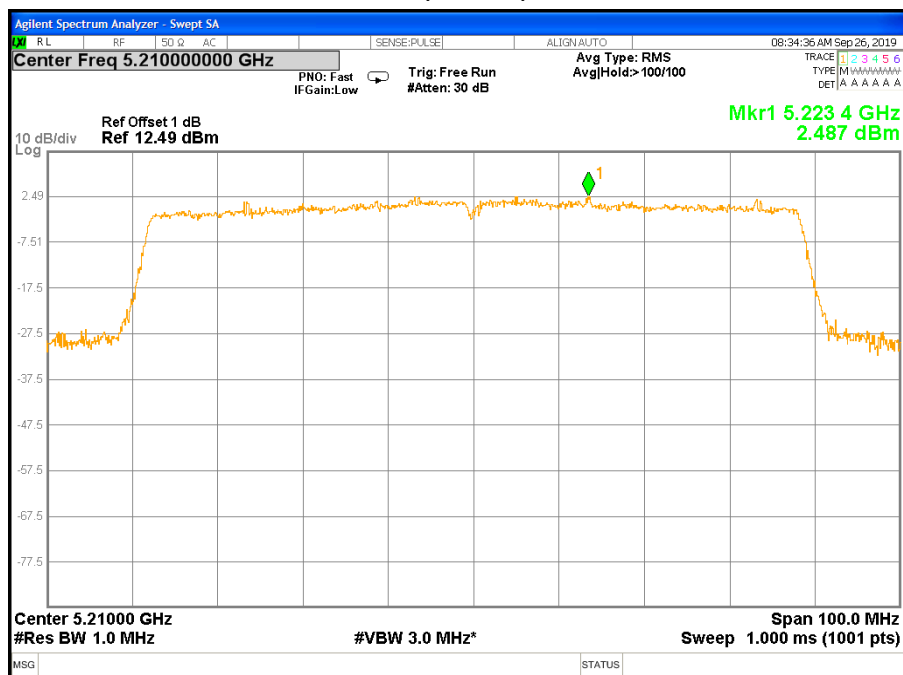
PSD 802.11ac(VHT40) Channel 46





Band I (5.15-5.25GHz) 802.11ac(VHT80)

PSD 802.11ac(VHT80) Channel 42



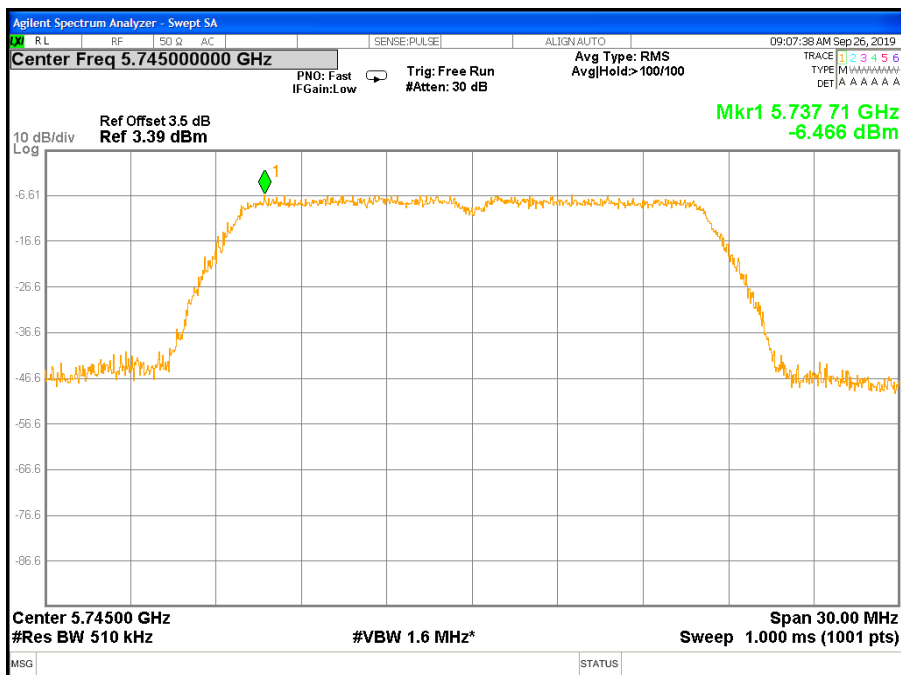
**Band IV (5.725-5.850GHz)**

5725-5850MHz			
Frequency	Power Density Total(dBm)	Limit	Result
802.11a			
5745	-6.466	30	PASS
5785	-7.516	30	PASS
5825	-7.284	30	PASS
802.11n20			
5745	-6.052	30	PASS
5785	-7.379	30	PASS
5825	-7.444	30	PASS
802.11n40			
5755	-9.482	30	PASS
5795	-10.937	30	PASS
802.11ac20			
5745	-6.619	30	PASS
5785	-7.063	30	PASS
5825	-7.441	30	PASS
802.11ac40			
5755	-8.472	30	PASS
5795	-9.086	30	PASS
802.11ac80			
5775	-10.280	30	PASS

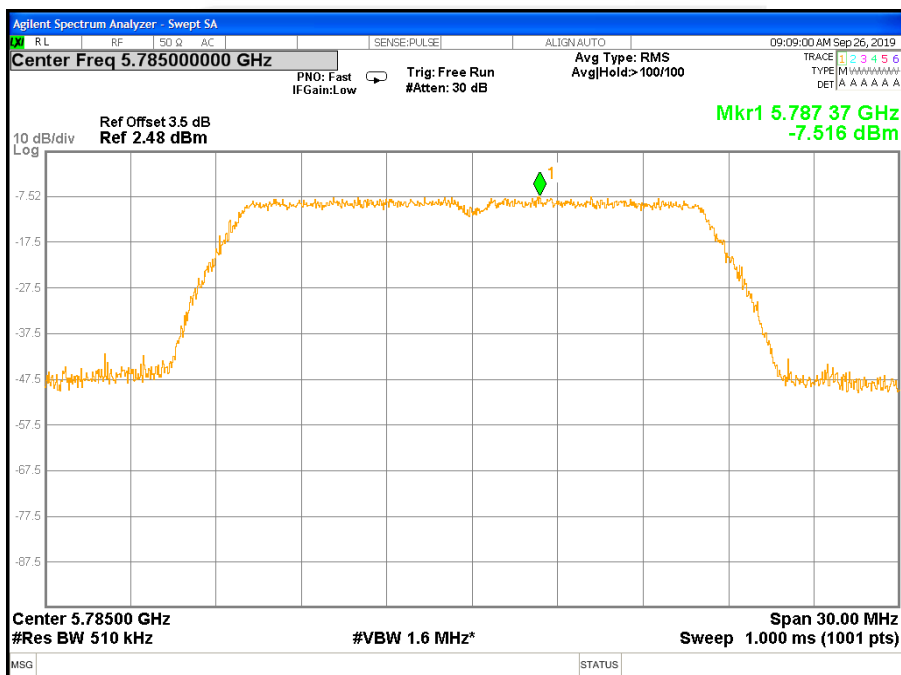


Band IV (5.725-5.850GHz) 802.11a

PSD 802.11a Channel 149

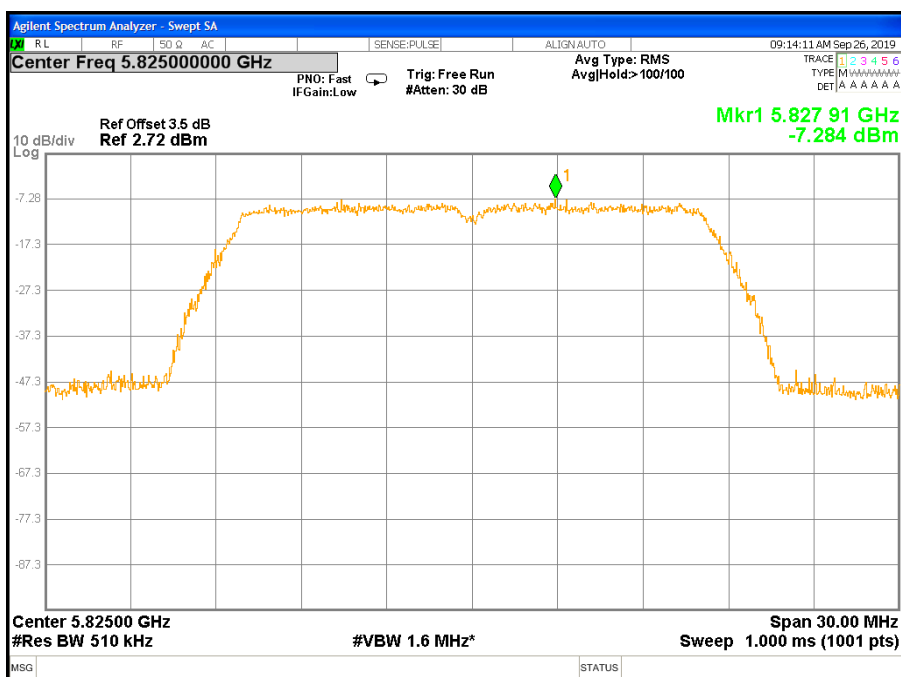


PSD 802.11a Channel 157





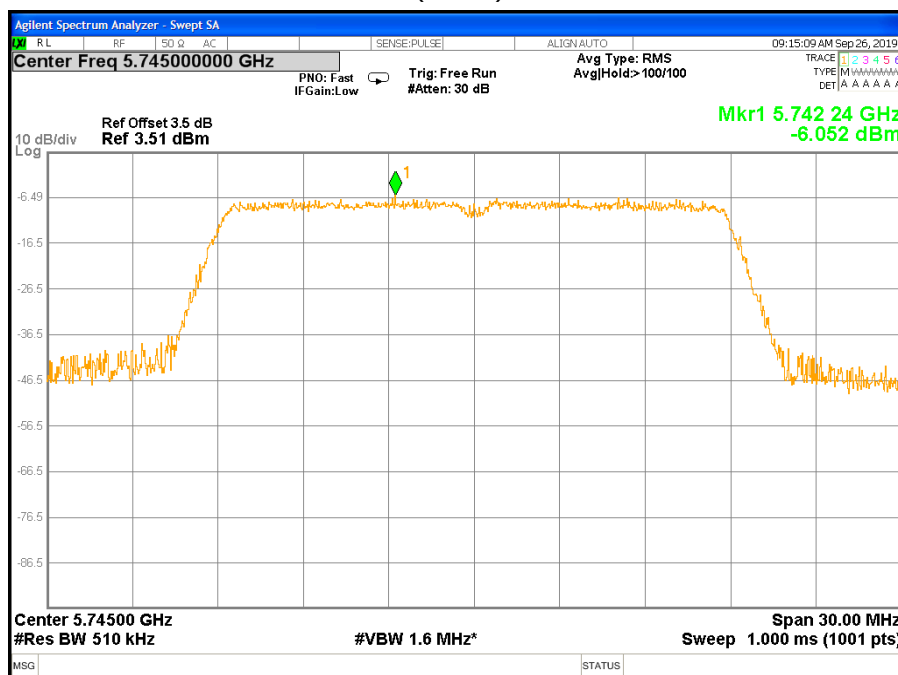
PSD 802.11a Channel 165



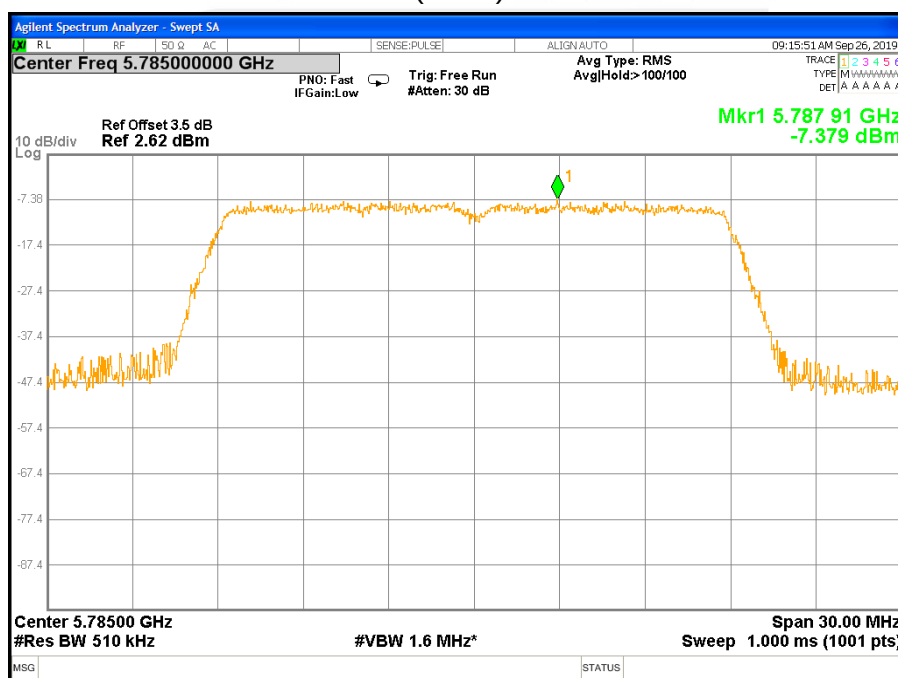


Band IV (5.725-5.850GHz) 802.11n(HT20)

PSD 802.11n(HT20) Channel 149

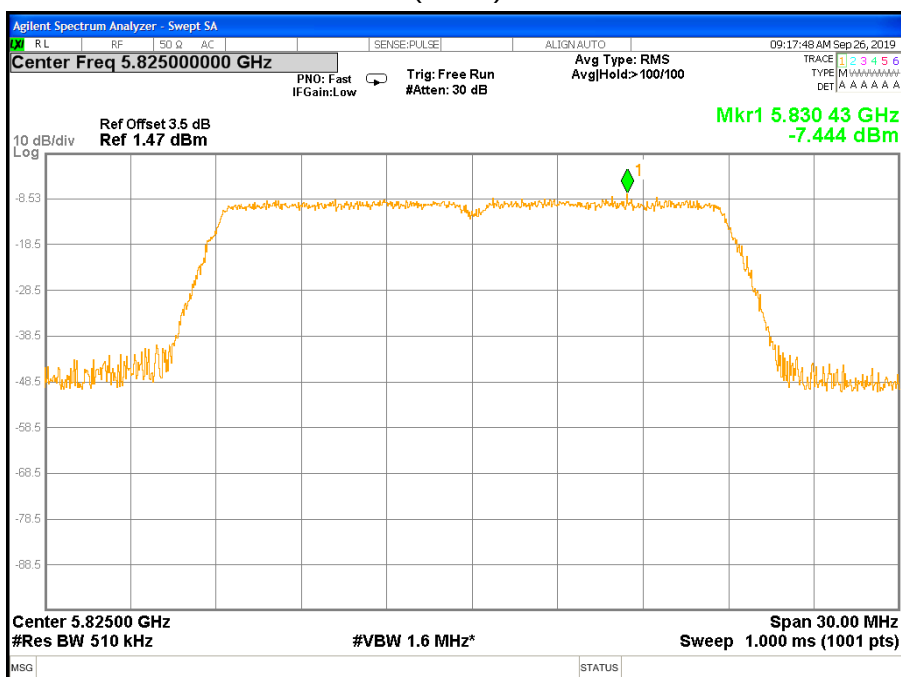


PSD 802.11n(HT20) Channel 157





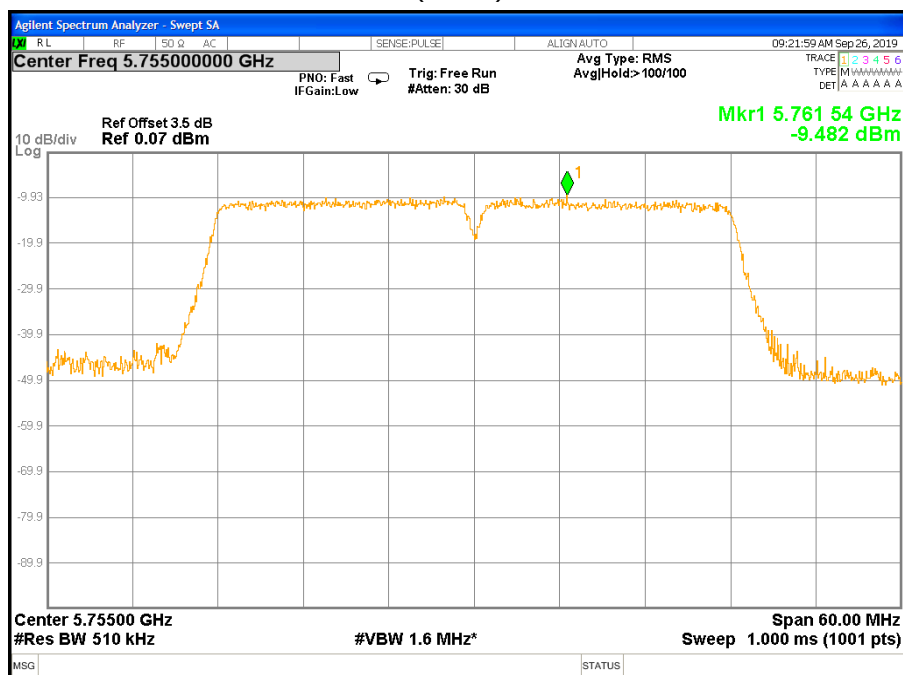
PSD 802.11n(HT20) Channel 165



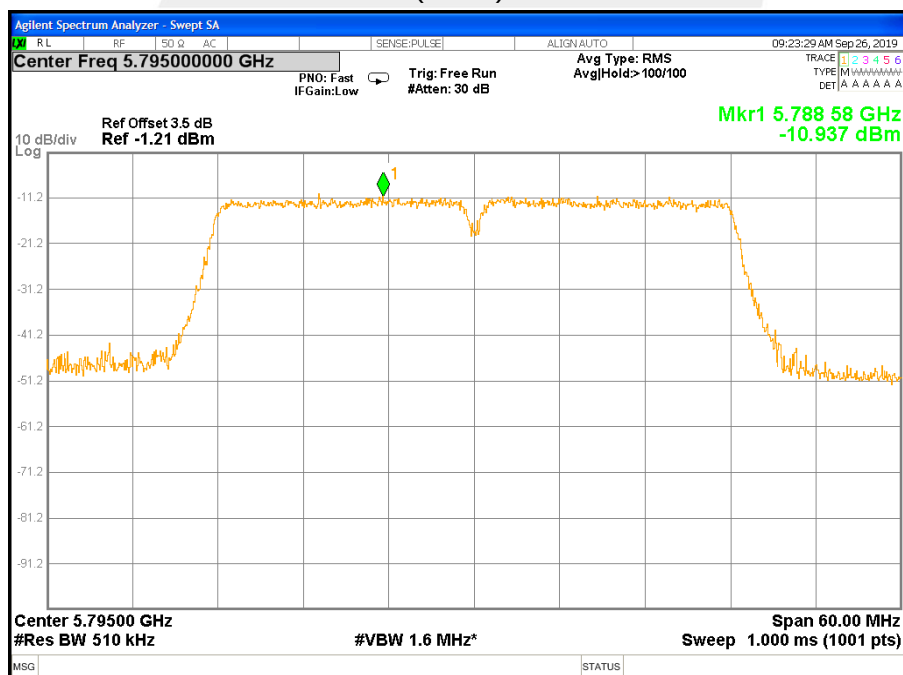


Band IV (5.725-5.850GHz) 802.11n(HT40)

PSD 802.11n(HT40) Channel 151



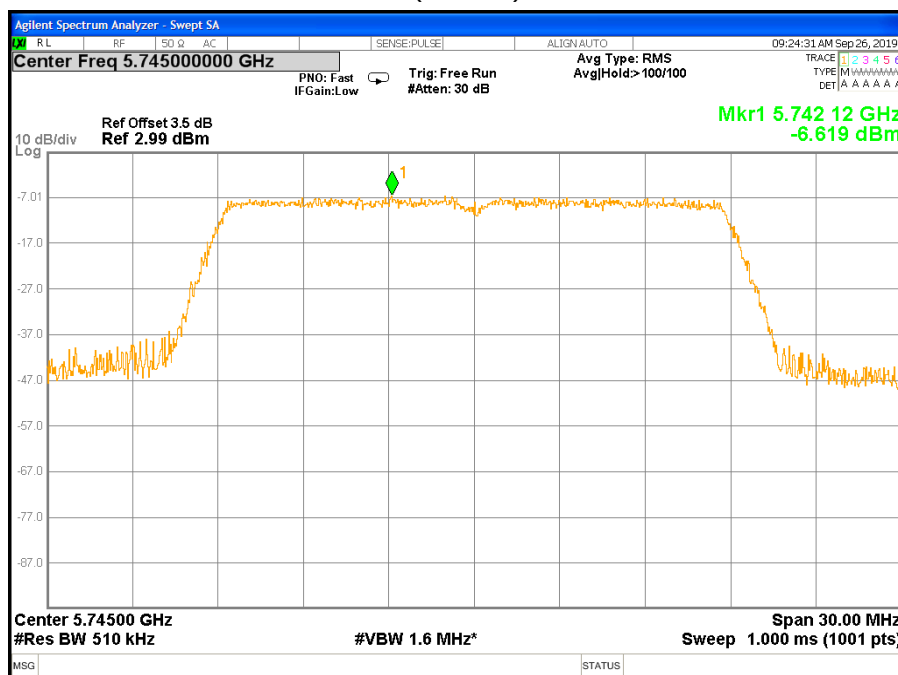
PSD 802.11n(HT40) Channel 159



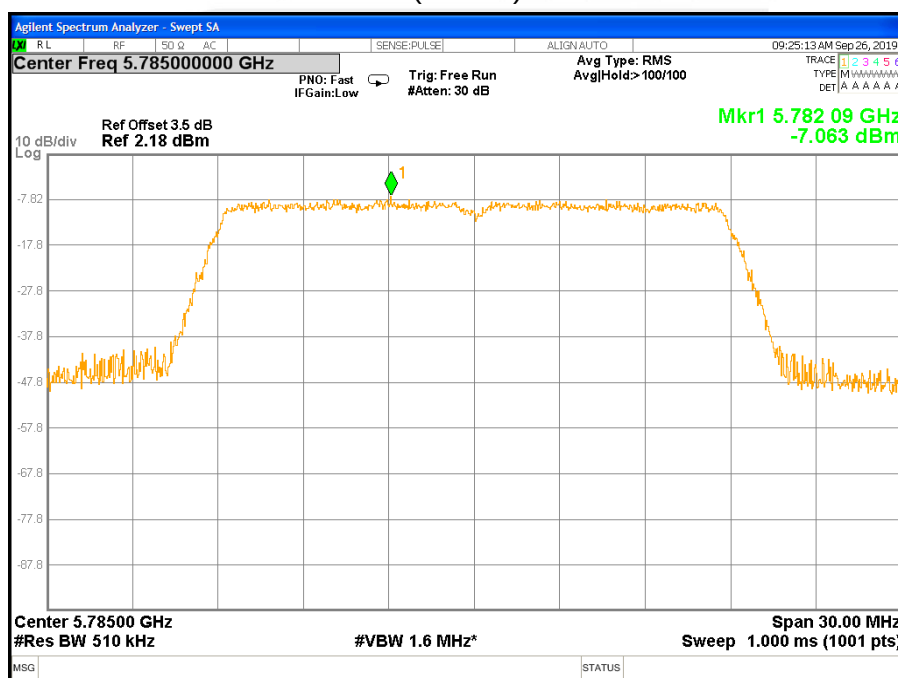


Band IV (5.725-5.850GHz) 802.11ac(VHT20)

PSD 802.11ac(VHT20) Channel 149

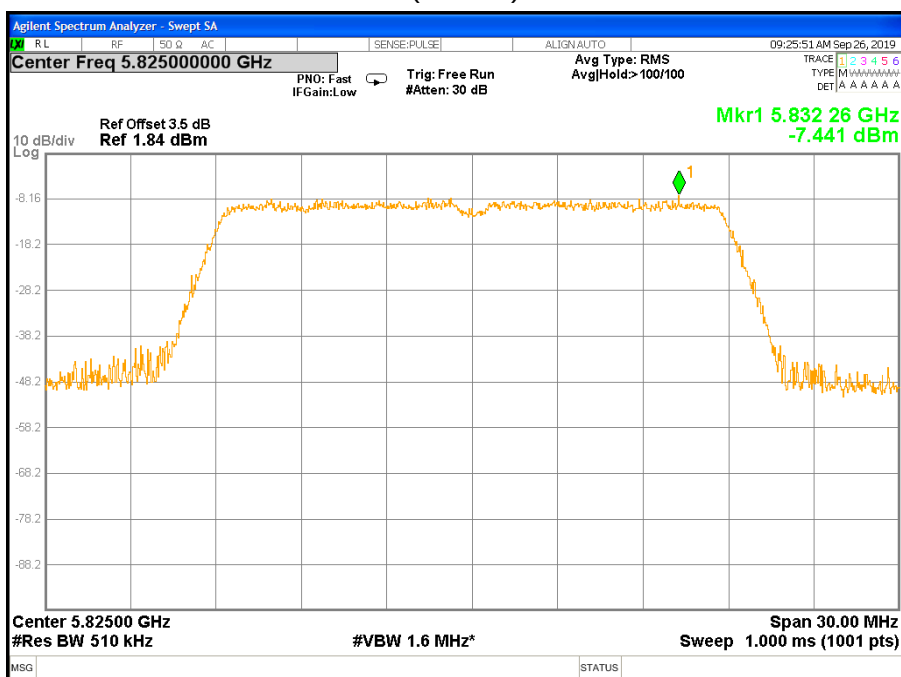


PSD 802.11ac(VHT20) Channel 157





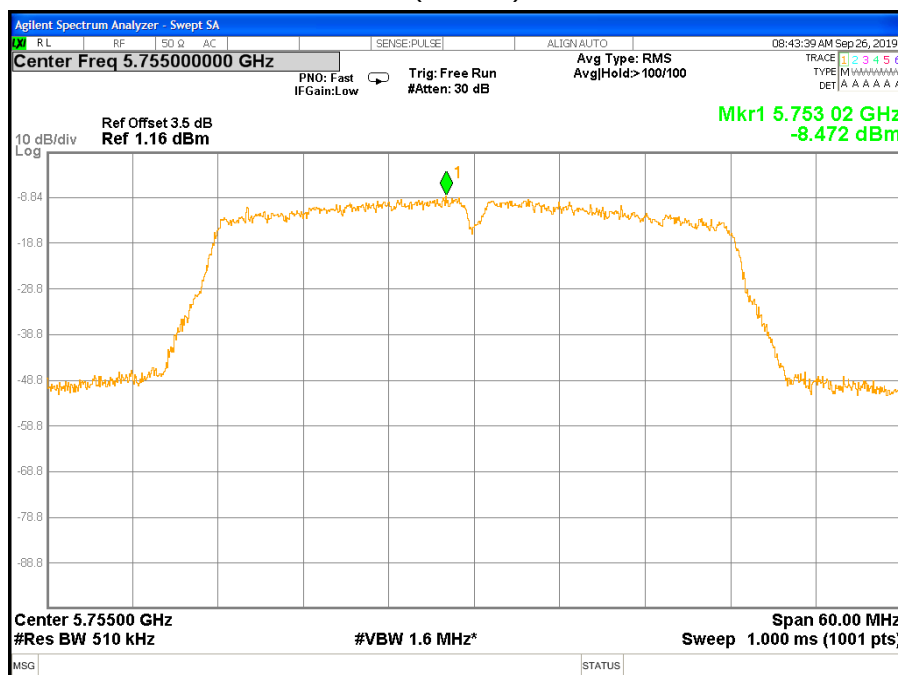
PSD 802.11ac(VHT20) Channel 165



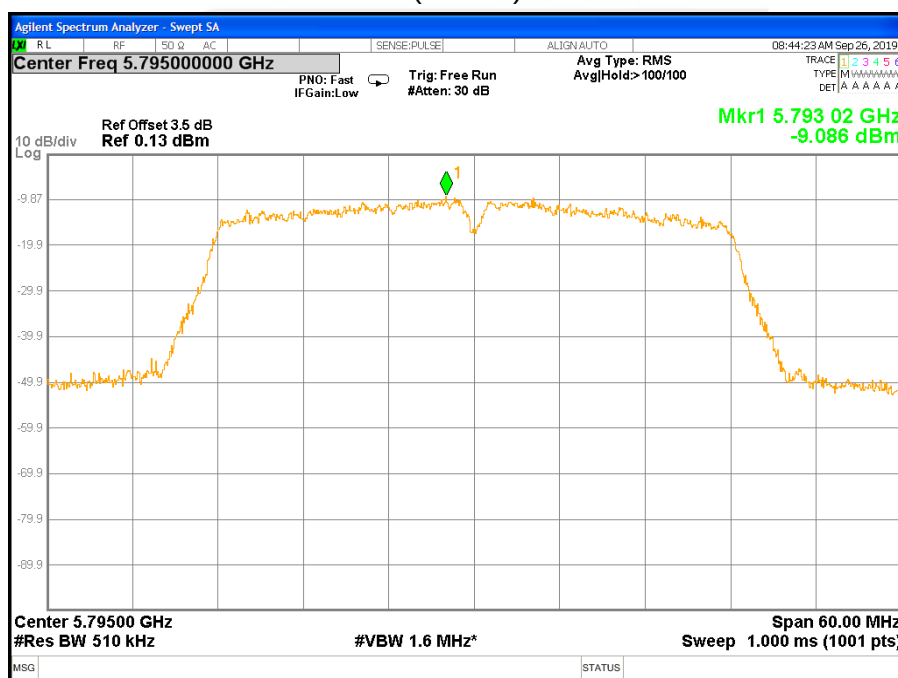


Band IV (5.725-5.850GHz) 802.11ac(VHT40)

PSD 802.11ac(VHT40) Channel 151



PSD 802.11ac(VHT40) Channel 159





Band IV (5.725-5.850GHz) 802.11ac(VHT80)

PSD 802.11ac(VHT80) Channel 155

