

Ant.3

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11a (SISO)	3.859	0.494	4.353	17	Pass
5200	40		3.608	0.494	4.102		Pass
5240	48		3.474	0.494	3.968		Pass
5260	52		0.657	0.494	1.151	11	Pass
5300	60		0.851	0.494	1.345		Pass
5320	64		1.184	0.494	1.678		Pass
5500	100		0.894	0.494	1.388	11	Pass
5600	120		1.067	0.494	1.561		Pass
5720	144		0.930	0.494	1.424		Pass
5745	149		0.645	0.494	1.139	30	Pass
5785	157		0.927	0.494	1.421		Pass
5825	165		1.338	0.494	1.832		Pass

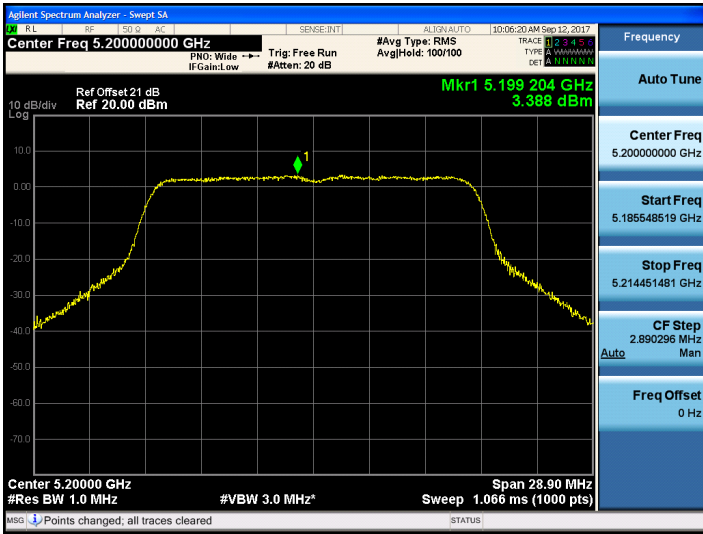
**Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3
TEST RESULTS**

Conducted Power Density Measurements

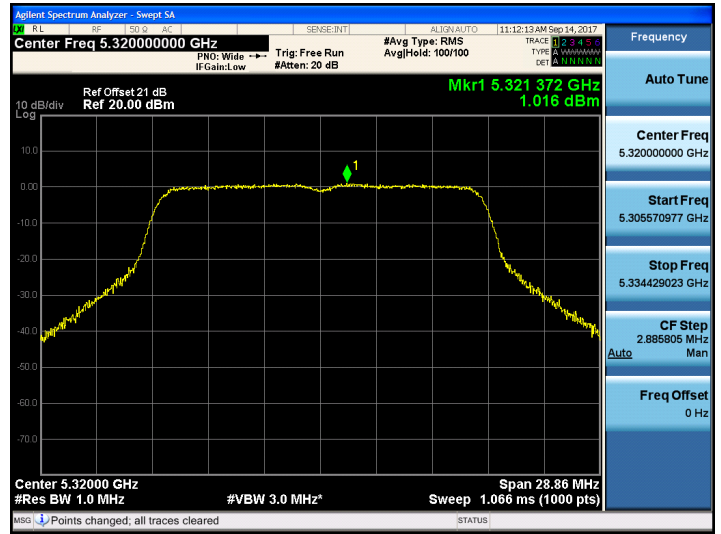
Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5180	36	802.11a (MIMO)	10.16	13.94	Pass
5200	40		10.16		Pass
5240	48		9.96		Pass
5260	52		7.03	7.57	Pass
5300	60		7.29		Pass
5320	64		7.46		Pass
5500	100		7.18	7.80	Pass
5600	120		7.47		Pass
5720	144		7.42		Pass
5745	149		6.95		Pass
5785	157		7.30	26.07	Pass
5825	165		7.40		Pass

TEST Plot for 802.11a 20MHz BW_Ant.0

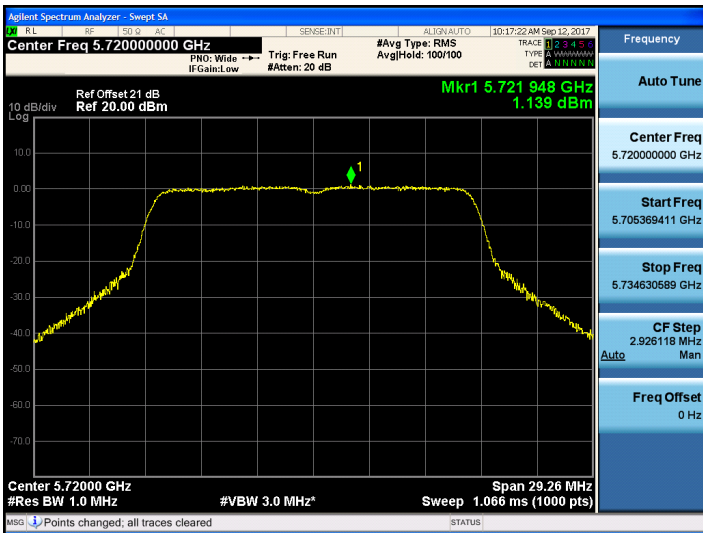
802.11a UNII 1 BAND PSD CH 40



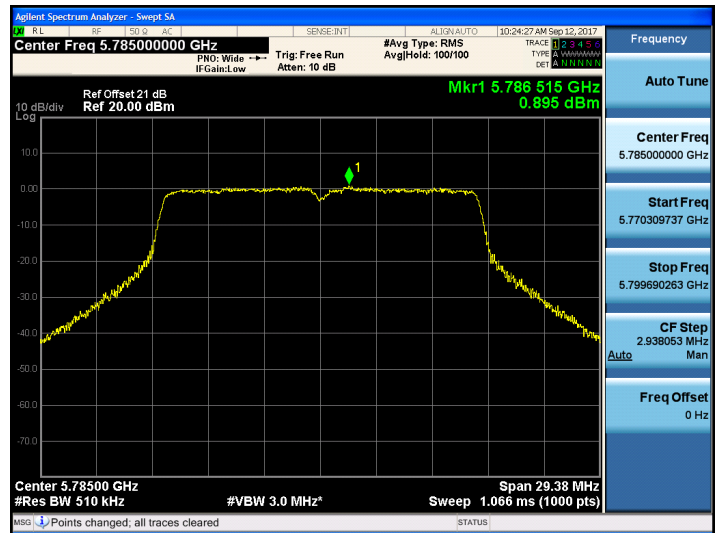
802.11a UNII 2A BAND PSD CH 64



802.11a UNII 2C BAND PSD CH 144

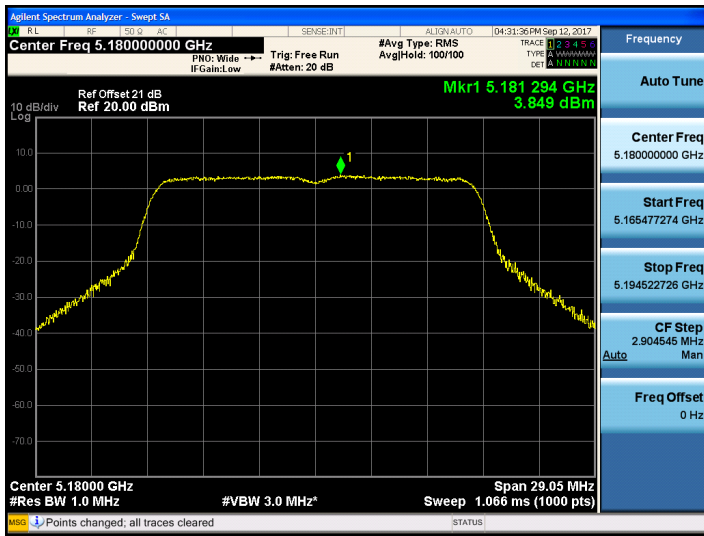


802.11a UNII 3 BAND PSD CH 157

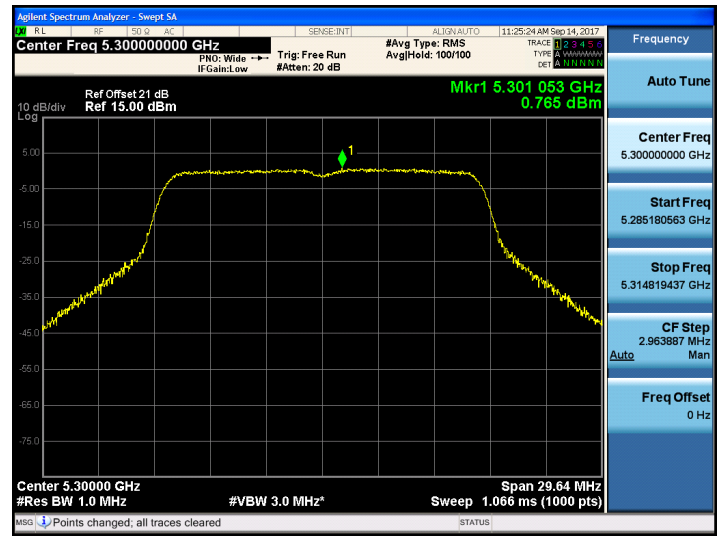


TEST Plot for 802.11a 20MHz BW_Ant.1

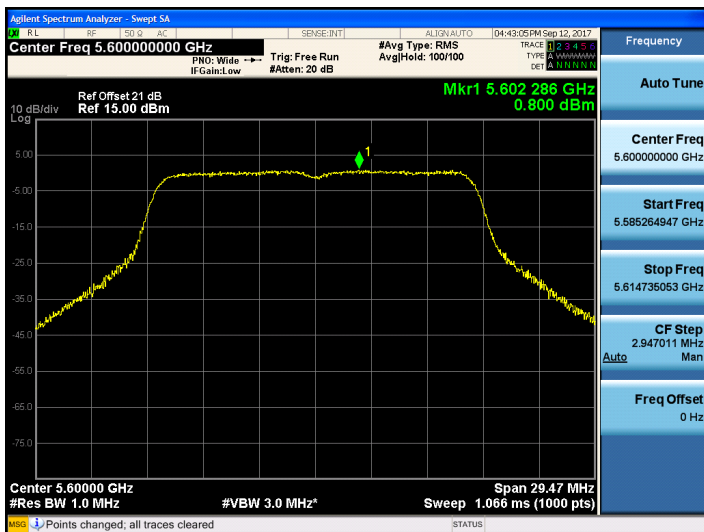
802.11a UNII 1 BAND PSD CH 36



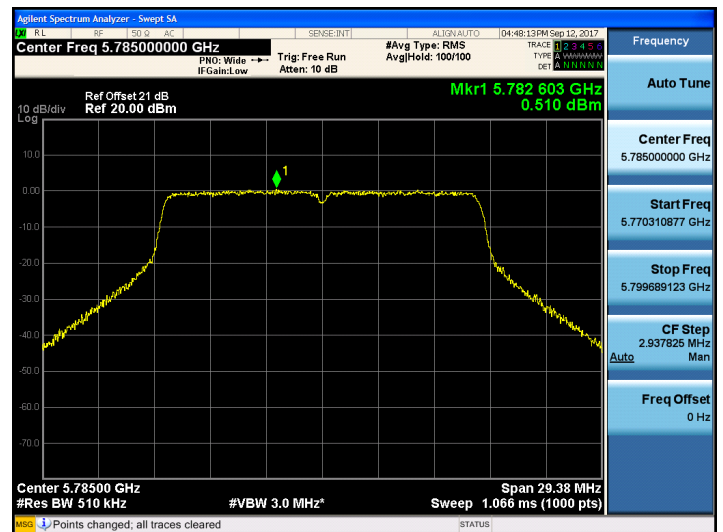
802.11a UNII 2A BAND PSD CH 60



802.11a UNII 2C BAND PSD CH 120

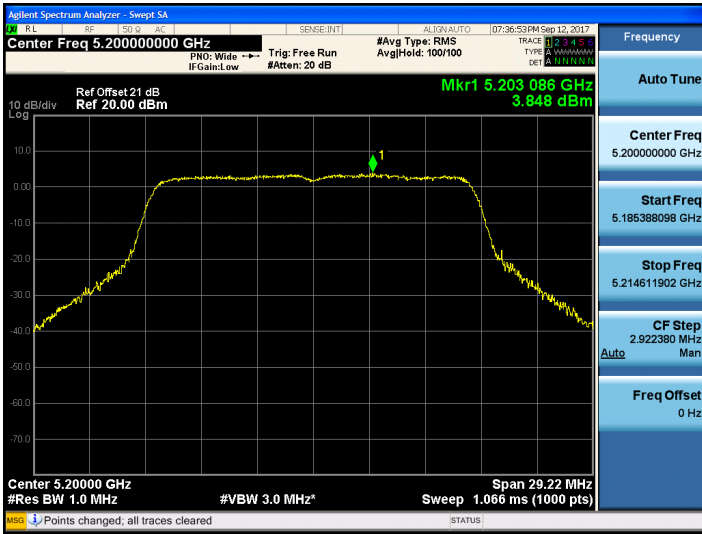


802.11a UNII 3 BAND PSD CH 157

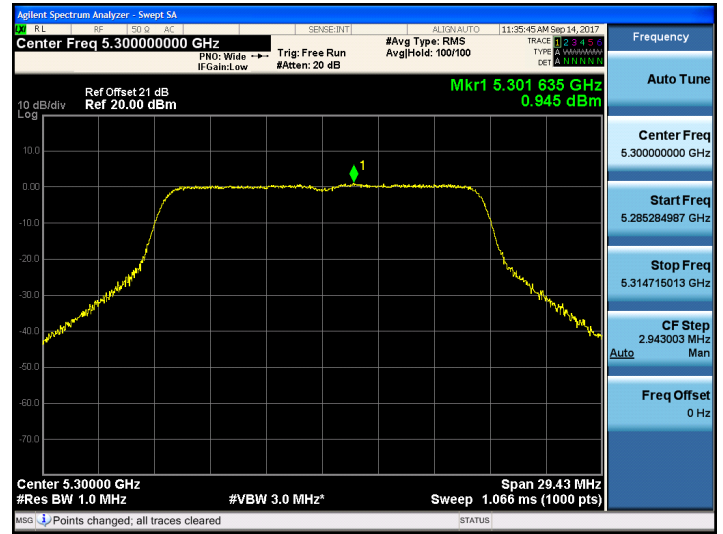


TEST Plot for 802.11a 20MHz BW_Ant.2

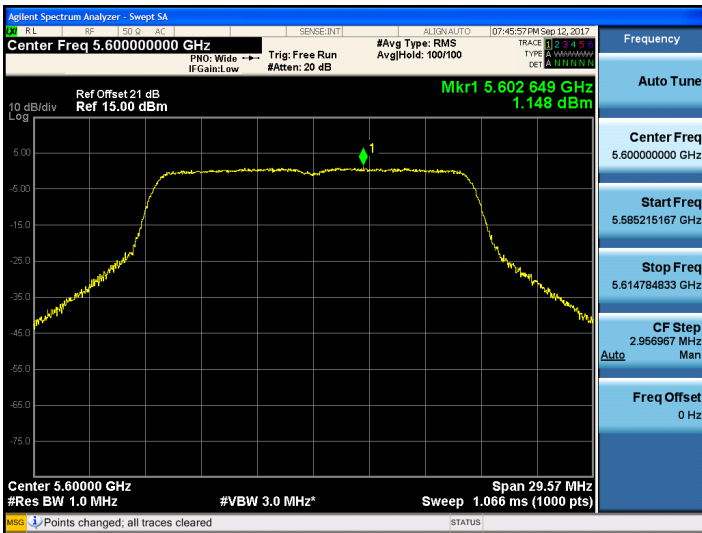
802.11a UNII 1 BAND PSD CH 40



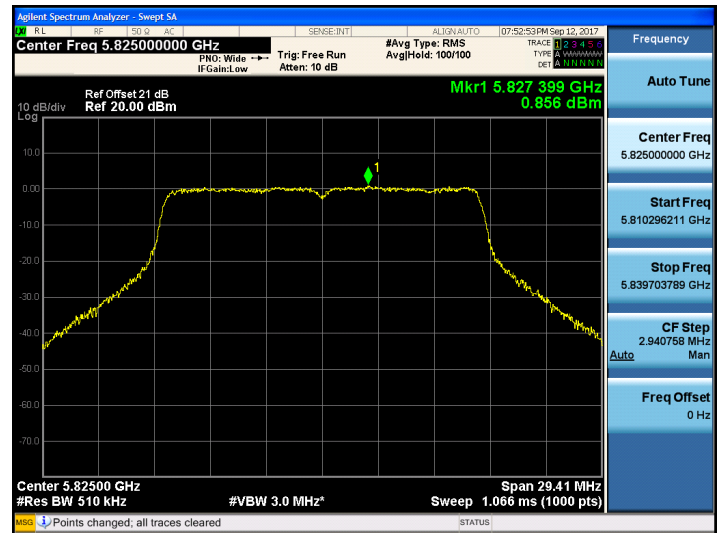
802.11a UNII 2A BAND PSD CH 60



802.11a UNII 2C BAND PSD CH 120

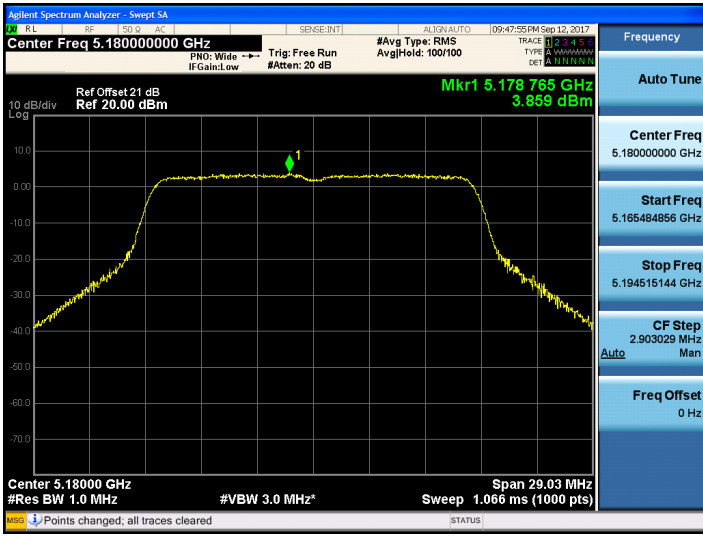


802.11a UNII 3 BAND PSD CH 165

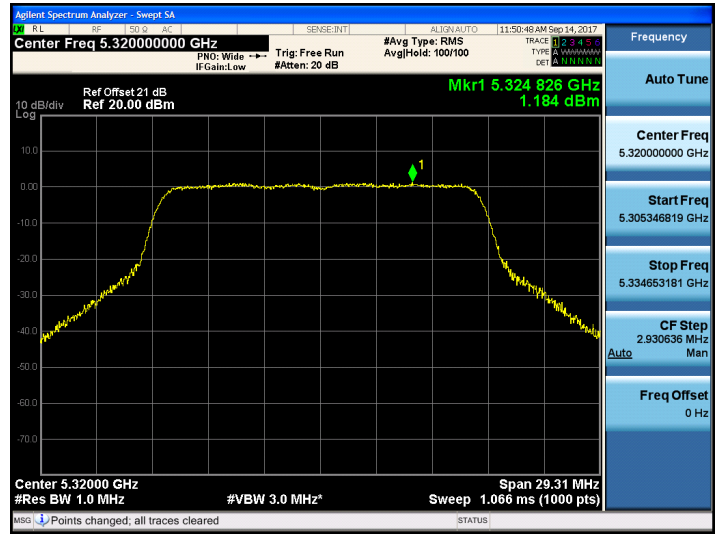


TEST Plot for 802.11a 20MHz BW_Ant.3

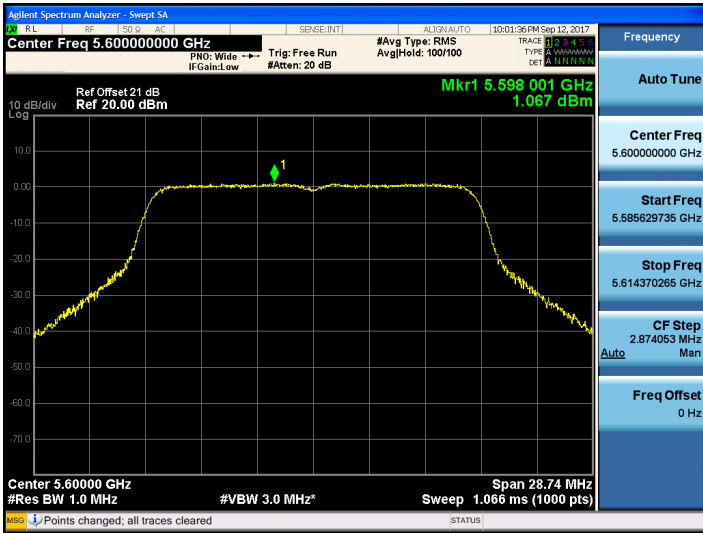
802.11a UNII 1 BAND PSD CH 36



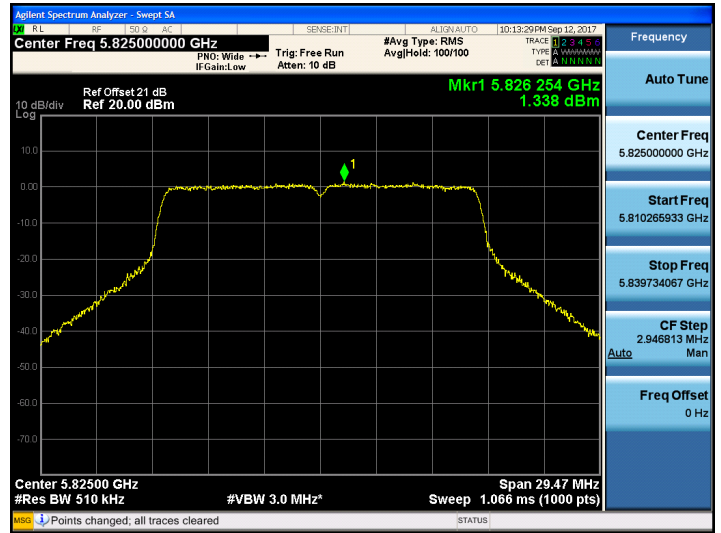
802.11a UNII 2A BAND PSD CH 64



802.11a UNII 2C BAND PSD CH 120



802.11a UNII 3 BAND PSD CH 165



Ant.0

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (SISO)	3.466	0.129	3.595	17	Pass
5200	40		3.524	0.129	3.653		Pass
5240	48		3.449	0.129	3.578		Pass
5260	52		0.419	0.129	0.548	11	Pass
5300	60		0.658	0.129	0.787		Pass
5320	64		0.937	0.129	1.066		Pass
5500	100		1.163	0.129	1.292	11	Pass
5600	120		1.360	0.129	1.489		Pass
5720	144		1.439	0.129	1.568		Pass
5745	149		0.410	0.129	0.539	30	Pass
5785	157		0.721	0.129	0.850		Pass
5825	165		0.910	0.129	1.039		Pass

Ant.1

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (SISO)	3.954	0.129	4.083	17	Pass
5200	40		3.818	0.129	3.947		Pass
5240	48		3.748	0.129	3.877		Pass
5260	52		0.559	0.129	0.688	11	Pass
5300	60		0.685	0.129	0.814		Pass
5320	64		1.076	0.129	1.205		Pass
5500	100		0.573	0.129	0.702	11	Pass
5600	120		0.883	0.129	1.012		Pass
5720	144		0.747	0.129	0.876		Pass
5745	149		0.466	0.129	0.595	30	Pass
5785	157		0.307	0.129	0.436		Pass
5825	165		0.588	0.129	0.717		Pass

Ant.2

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (SISO)	3.583	0.129	3.712	17	Pass
5200	40		3.718	0.129	3.847		Pass
5240	48		3.370	0.129	3.499		Pass
5260	52		0.936	0.129	1.065	11	Pass
5300	60		0.997	0.129	1.126		Pass
5320	64		1.079	0.129	1.208		Pass
5500	100		1.116	0.129	1.245	11	Pass
5600	120		1.533	0.129	1.662		Pass
5720	144		1.509	0.129	1.638		Pass
5745	149		0.618	0.129	0.747	30	Pass
5785	157		1.025	0.129	1.154		Pass
5825	165		0.882	0.129	1.011		Pass

Ant.3

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (SISO)	3.702	0.129	3.831	17	Pass
5200	40		3.668	0.129	3.797		Pass
5240	48		3.384	0.129	3.513		Pass
5260	52		0.661	0.129	0.790	11	Pass
5300	60		0.968	0.129	1.097		Pass
5320	64		1.242	0.129	1.371		Pass
5500	100		1.346	0.129	1.475	11	Pass
5600	120		1.886	0.129	2.015		Pass
5720	144		1.604	0.129	1.733		Pass
5745	149		0.917	0.129	1.046	30	Pass
5785	157		1.157	0.129	1.286		Pass
5825	165		1.322	0.129	1.451		Pass

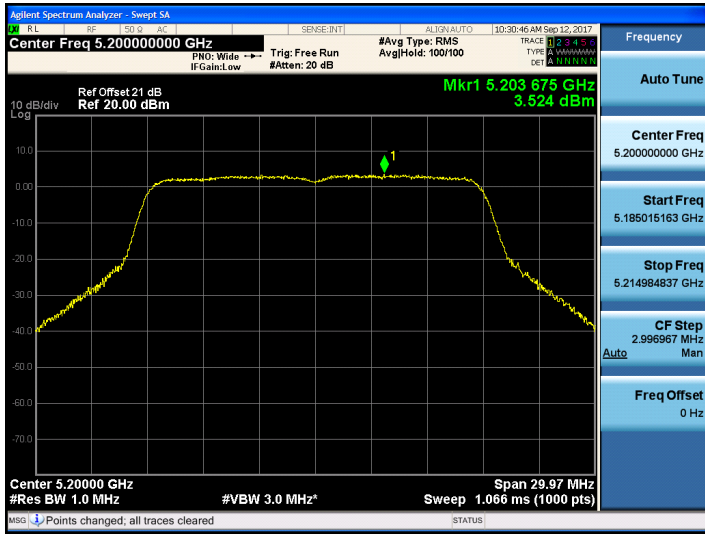
**Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3
TEST RESULTS**

Conducted Power Density Measurements

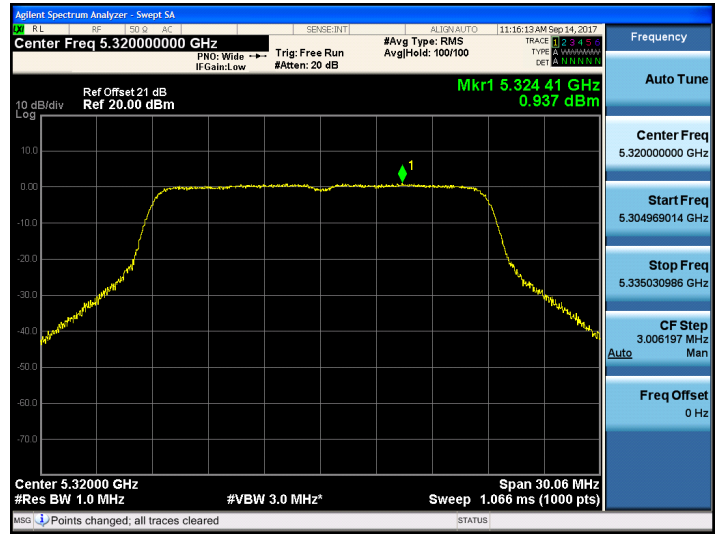
Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (MIMO)	9.83	13.94	Pass
5200	40		9.83		Pass
5240	48		9.64		Pass
5260	52		6.80	7.57	Pass
5300	60		6.98		Pass
5320	64		7.23		Pass
5500	100		7.20	7.8	Pass
5600	120		7.57		Pass
5720	144		7.48		Pass
5745	149		6.75		26.07
5785	157		6.96	Pass	
5825	165		7.08	Pass	

TEST Plot for 802.11n_HT20_Ant.0

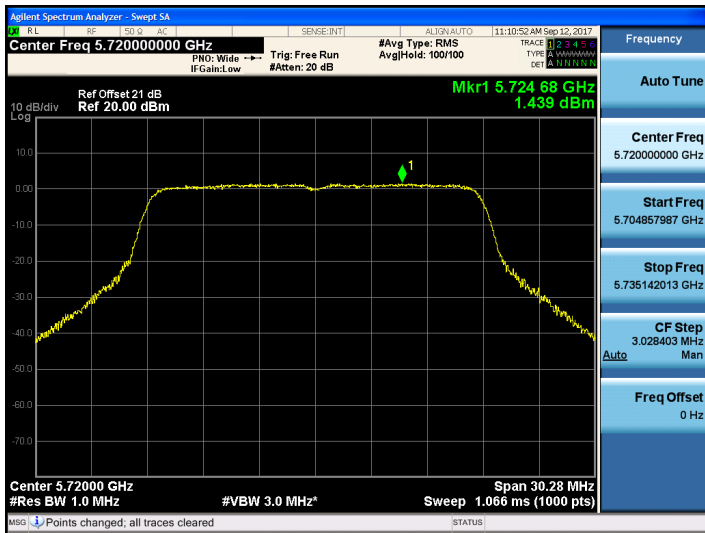
802.11n_HT20 UNII 1 BAND PSD CH 40



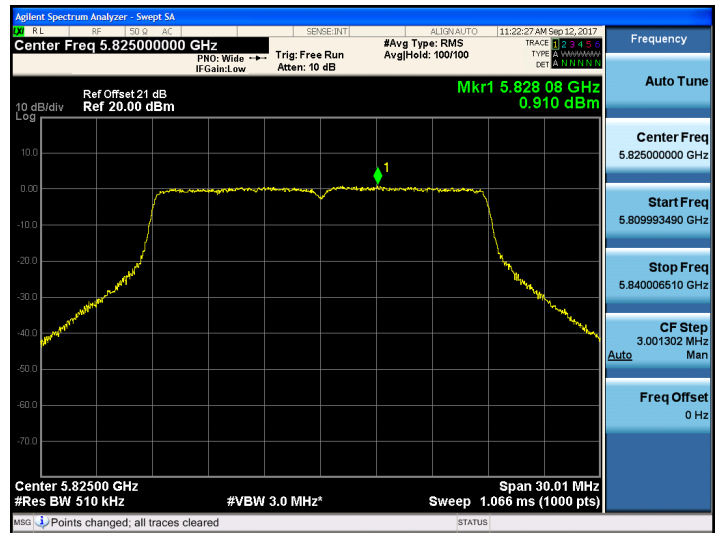
802.11n_HT20 UNII 2A BAND PSD CH 64



802.11n_HT20 UNII 2C BAND PSD CH 144

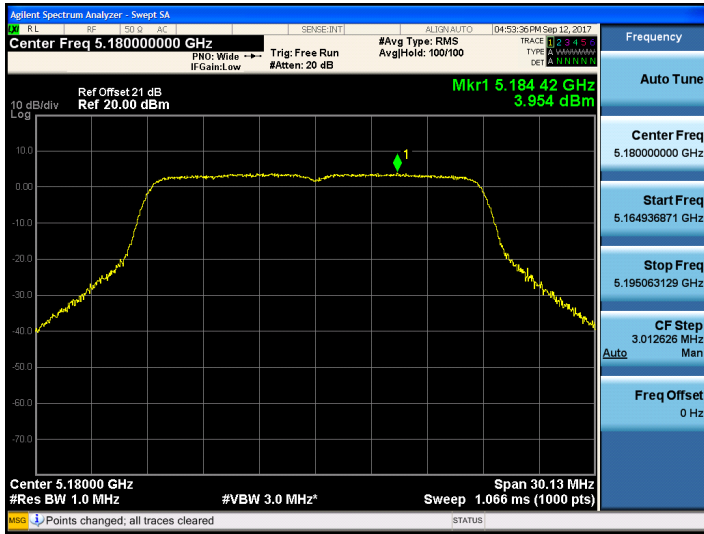


802.11n_HT20 UNII 3 BAND PSD CH 165

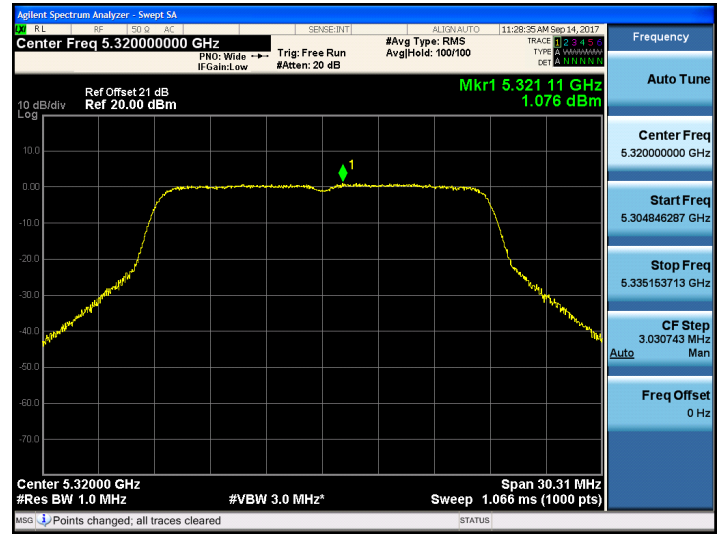


TEST Plot for 802.11n_HT20_Ant.1

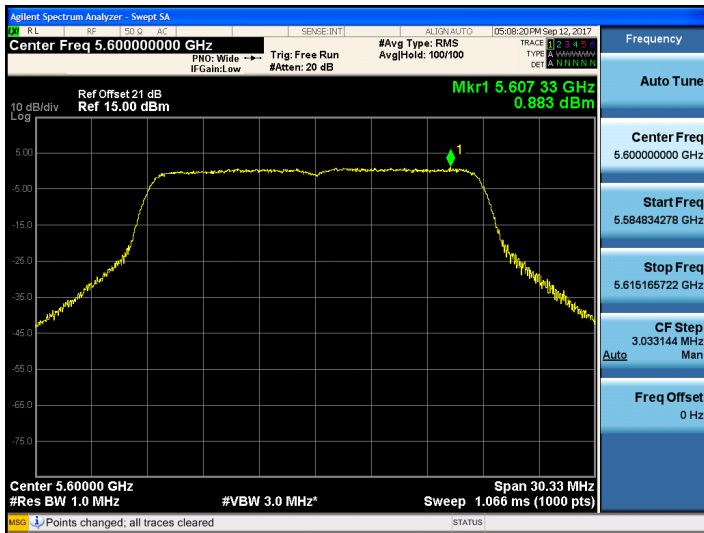
802.11n_HT20 UNII 1 BAND PSD CH 36



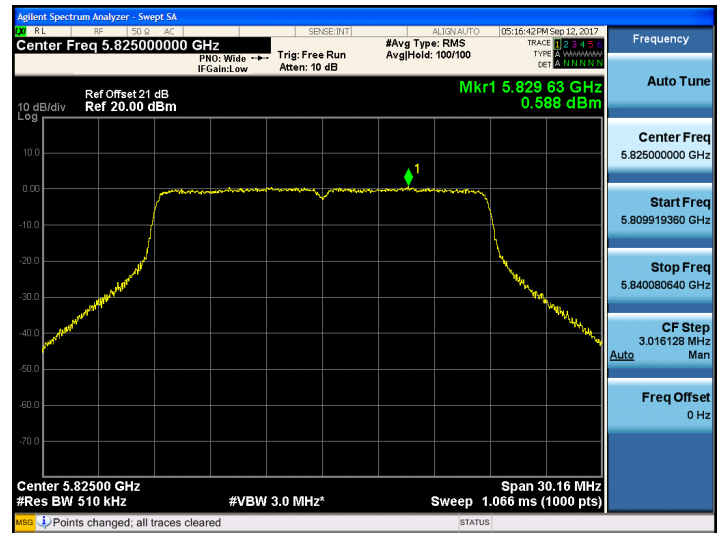
802.11n_HT20 UNII 2A BAND PSD CH 64



802.11n_HT20 UNII 2C BAND PSD CH 120

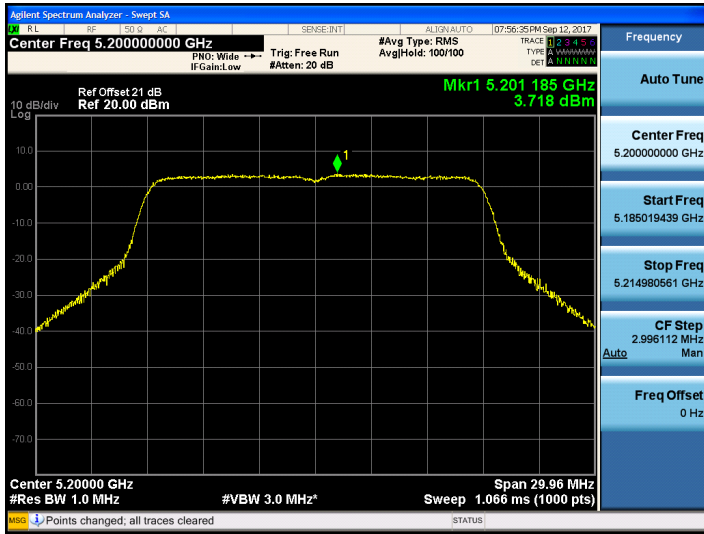


802.11n_HT20 UNII 3 BAND PSD CH 165

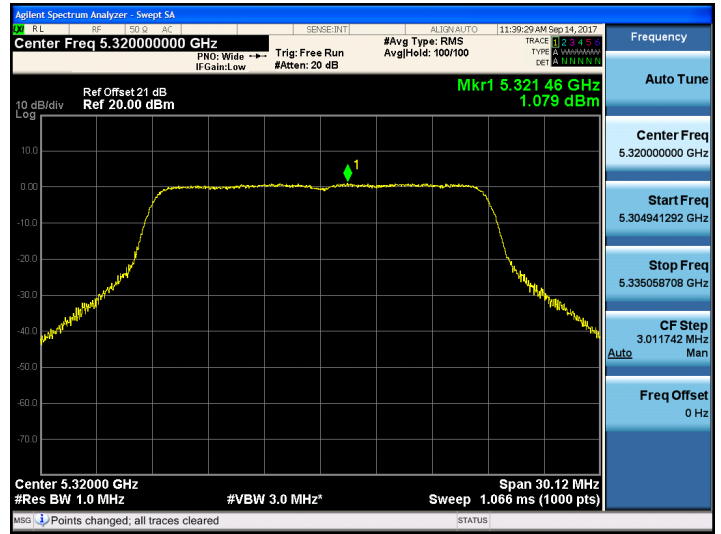


TEST Plot for 802.11n_HT20_Ant.2

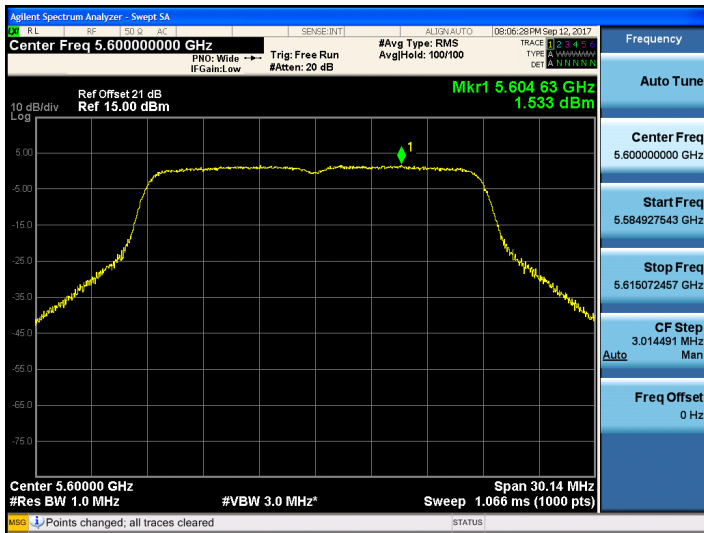
802.11n_HT20 UNII 1 BAND PSD CH 40



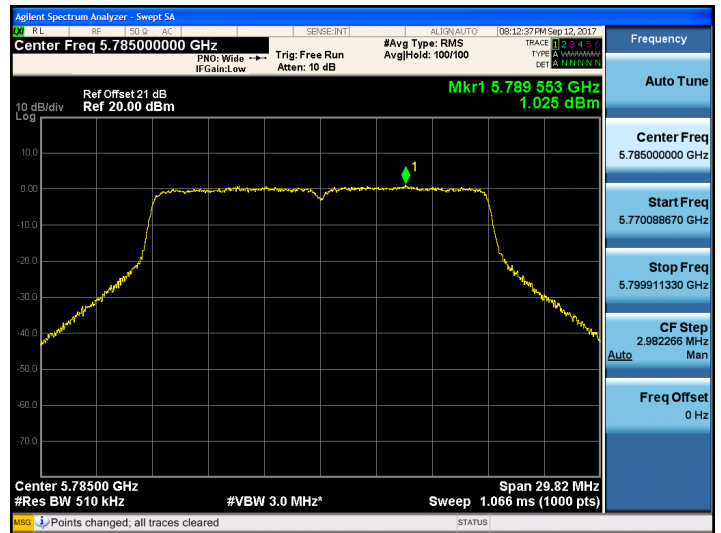
802.11n_HT20 UNII 2A BAND PSD CH 64



802.11n_HT20 UNII 2C BAND PSD CH 120

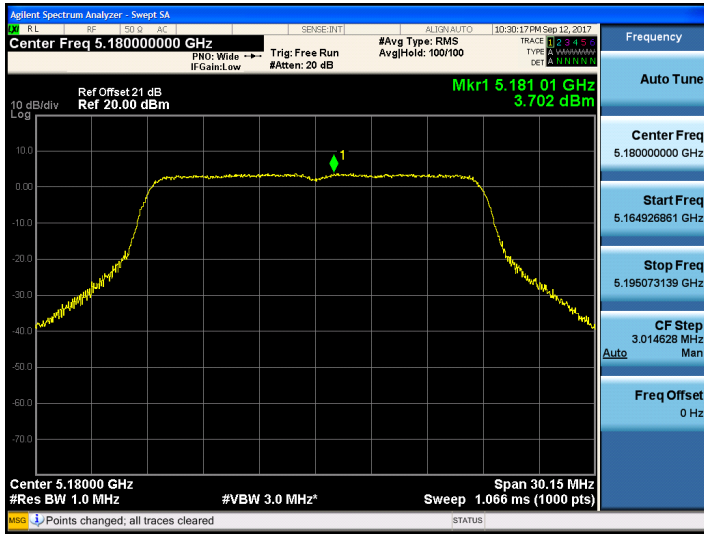


802.11n_HT20 UNII 3 BAND PSD CH 157

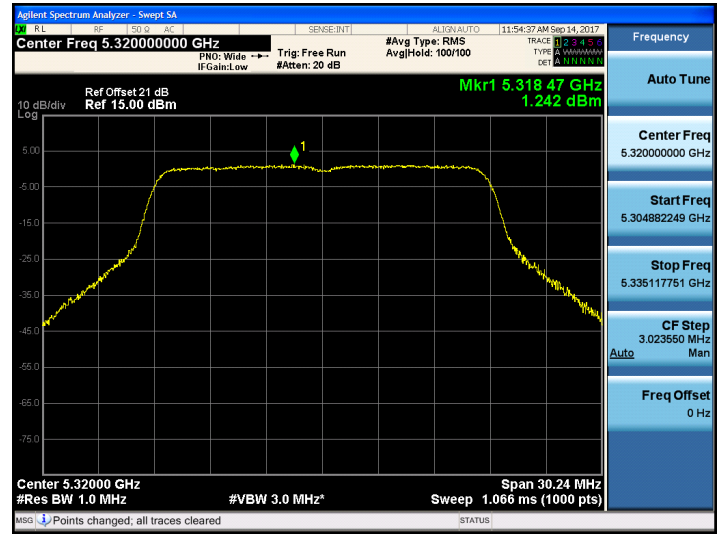


TEST Plot for 802.11n_HT20_Ant.3

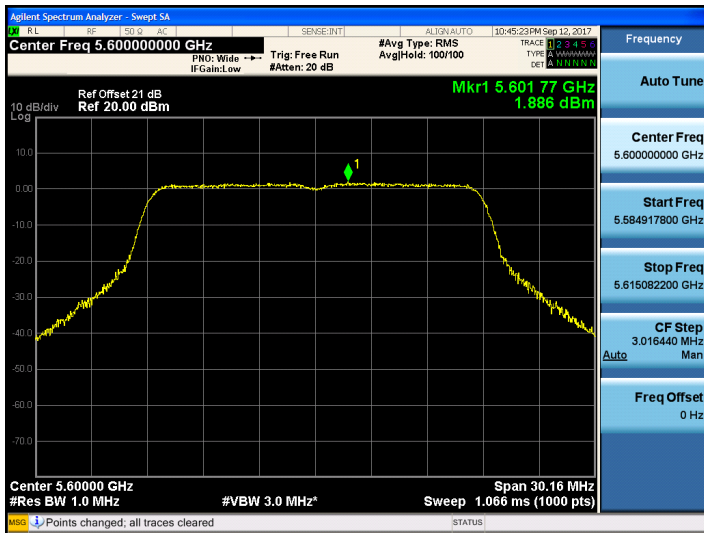
802.11n_HT20 UNII 1 BAND PSD CH 36



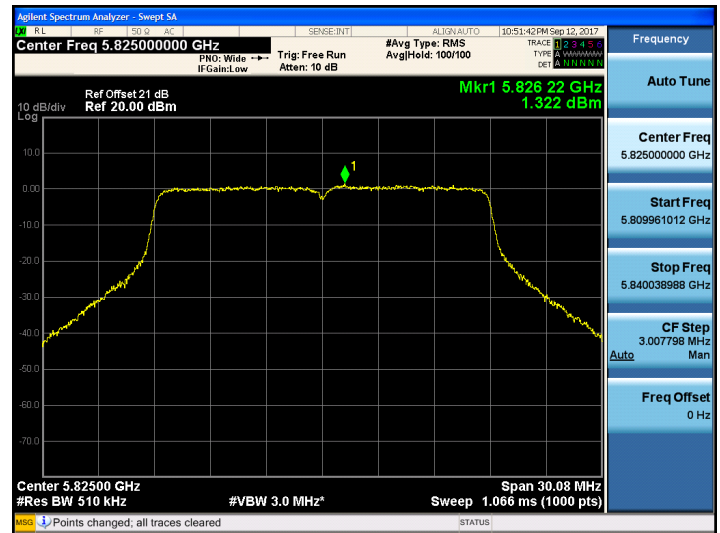
802.11n_HT20 UNII 2A BAND PSD CH 64



802.11n_HT20 UNII 2C BAND PSD CH 120



802.11n_HT20 UNII 3 BAND PSD CH 165



Ant.0

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (SISO)	3.250	0.128	3.378	17	Pass
5200	40		3.399	0.128	3.527		Pass
5240	48		3.335	0.128	3.463		Pass
5260	52		0.518	0.128	0.646	11	Pass
5300	60		0.768	0.128	0.896		Pass
5320	64		0.942	0.128	1.070		Pass
5500	100		1.003	0.128	1.131	11	Pass
5600	120		1.540	0.128	1.668		Pass
5720	144		1.634	0.128	1.762		Pass
5745	149		0.519	0.128	0.647	30	Pass
5785	157		0.610	0.128	0.738		Pass
5825	165		0.975	0.128	1.103		Pass

Ant.1
TEST RESULTS
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (SISO)	3.696	0.128	3.824	17	Pass
5200	40		3.827	0.128	3.955		Pass
5240	48		3.351	0.128	3.479		Pass
5260	52		0.584	0.128	0.712	11	Pass
5300	60		0.648	0.128	0.776		Pass
5320	64		0.843	0.128	0.971		Pass
5500	100		1.055	0.128	1.183	11	Pass
5600	120		1.511	0.128	1.639		Pass
5720	144		1.222	0.128	1.350		Pass
5745	149		0.357	0.128	0.485	30	Pass
5785	157		0.506	0.128	0.634		Pass
5825	165		0.499	0.128	0.627		Pass

Ant.2

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (SISO)	3.697	0.128	3.825	17	Pass
5200	40		3.564	0.128	3.692		Pass
5240	48		3.586	0.128	3.714		Pass
5260	52		0.745	0.128	0.873	11	Pass
5300	60		0.856	0.128	0.984		Pass
5320	64		1.025	0.128	1.153		Pass
5500	100		1.244	0.128	1.372	11	Pass
5600	120		1.536	0.128	1.664		Pass
5720	144		1.422	0.128	1.550		Pass
5745	149		0.509	0.128	0.637	30	Pass
5785	157		0.682	0.128	0.810		Pass
5825	165		0.804	0.128	0.932		Pass

Ant.3

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (SISO)	3.474	0.128	3.602	17	Pass
5200	40		3.476	0.128	3.604		Pass
5240	48		3.608	0.128	3.736		Pass
5260	52		0.609	0.128	0.737	11	Pass
5300	60		0.956	0.128	1.084		Pass
5320	64		1.199	0.128	1.327		Pass
5500	100		1.214	0.128	1.342	11	Pass
5600	120		1.464	0.128	1.592		Pass
5720	144		1.488	0.128	1.616		Pass
5745	149		0.718	0.128	0.846	30	Pass
5785	157		1.380	0.128	1.508		Pass
5825	165		1.311	0.128	1.439		Pass

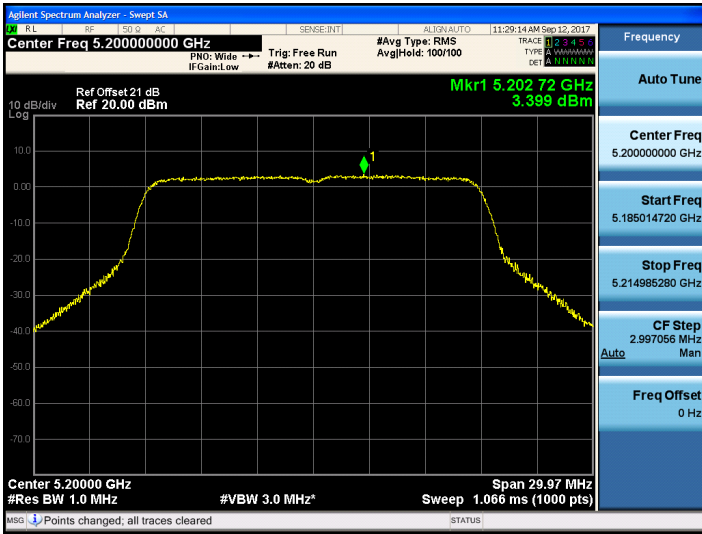
Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3
TEST RESULTS

Conducted Power Density Measurements

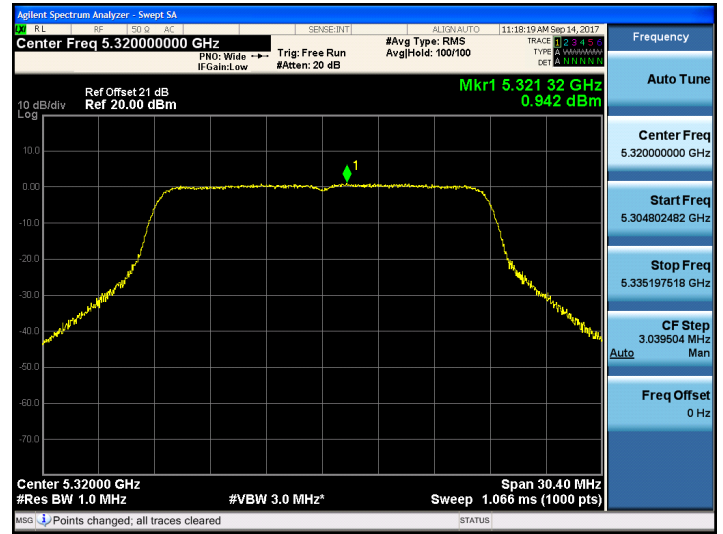
Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (MIMO)	9.68	13.94	Pass
5200	40		9.72		Pass
5240	48		9.62		Pass
5260	52		6.76	7.57	Pass
5300	60		6.96		Pass
5320	64		7.15		Pass
5500	100		7.28	7.8	Pass
5600	120		7.66		Pass
5720	144		7.59		Pass
5745	149		6.68		Pass
5785	157		6.95	26.07	Pass
5825	165		7.05		Pass

TEST Plot for 802.11ac_VHT20_Ant.0

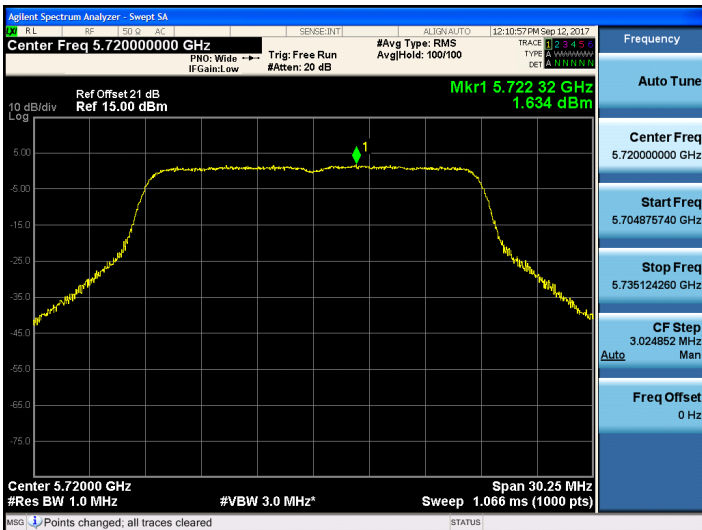
802.11ac_VHT20 UNII 1 BAND PSD CH 40



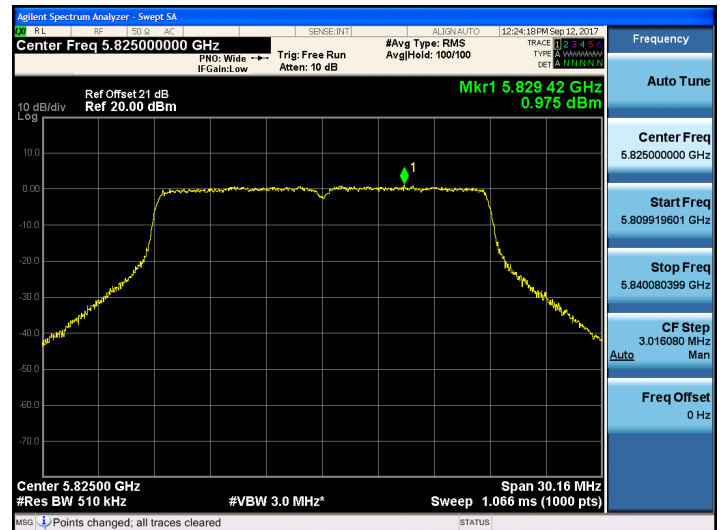
802.11ac_VHT20 UNII 2A BAND PSD CH 64



802.11ac_VHT20 UNII 2C BAND PSD CH 144

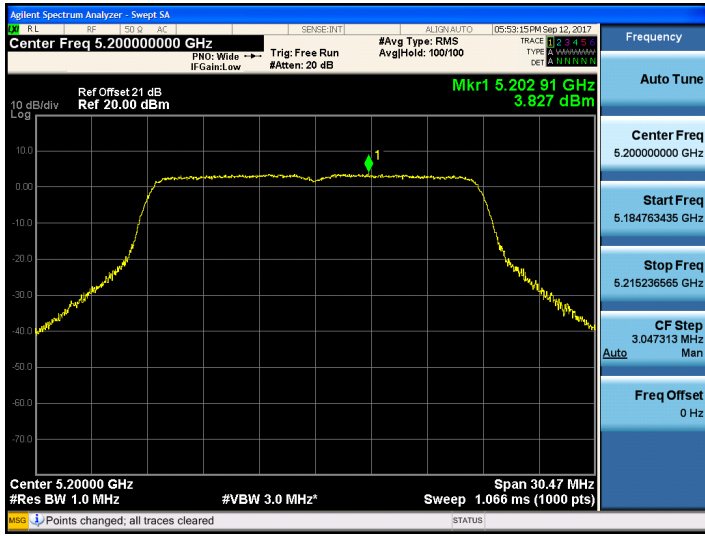


802.11ac_VHT20 UNII 3 BAND PSD CH 165

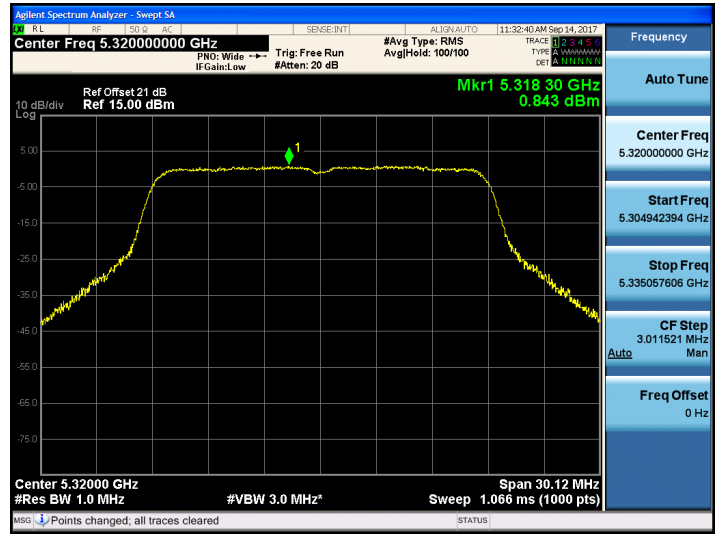


TEST Plot for 802.11ac_VHT20_Ant.1

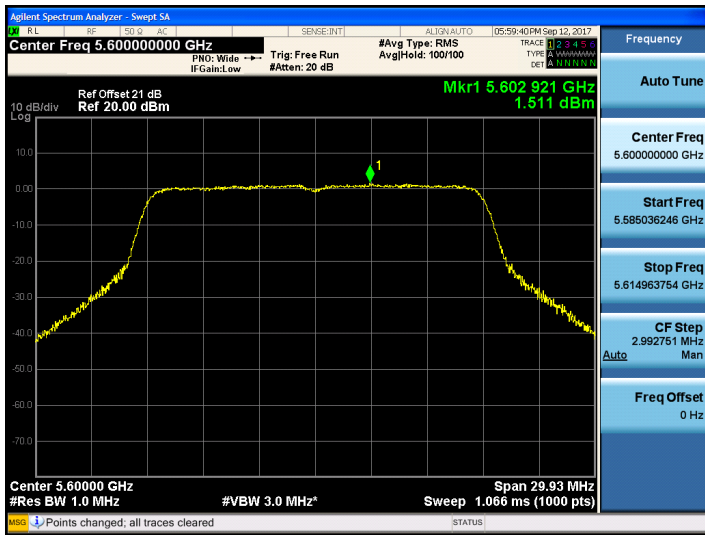
802.11ac_VHT20 UNII 1 BAND PSD CH 40



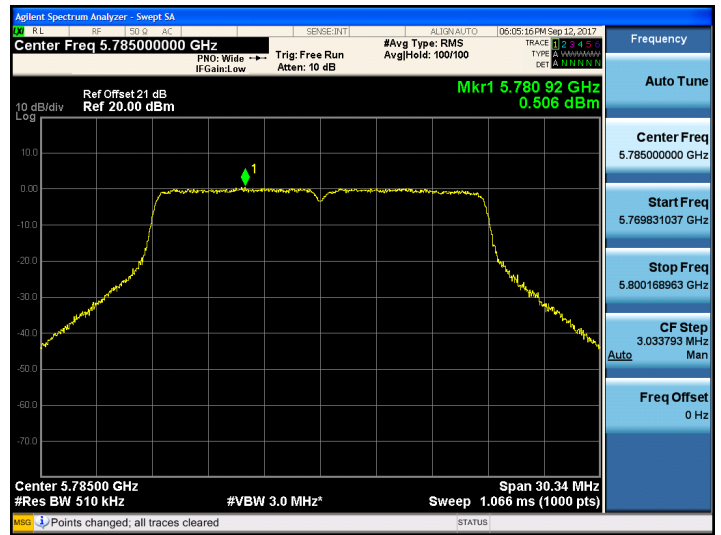
802.11ac_VHT20 UNII 2A BAND PSD CH 64



802.11ac_VHT20 UNII 2C BAND PSD CH 120

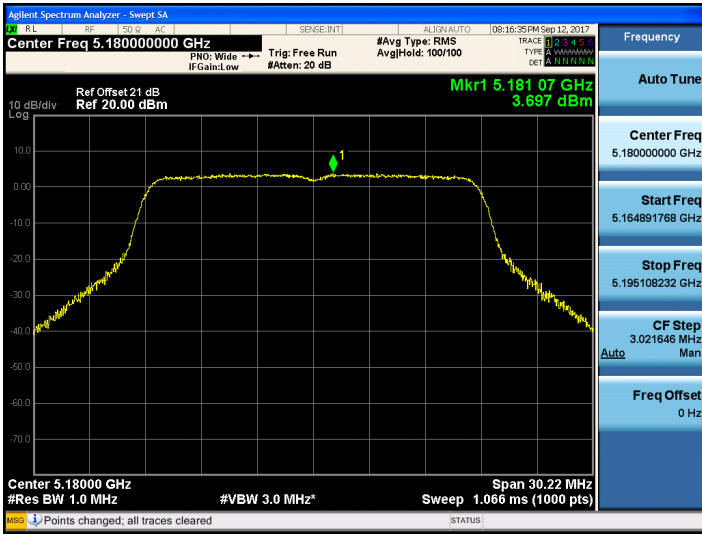


802.11ac_VHT20 UNII 3 BAND PSD CH 157

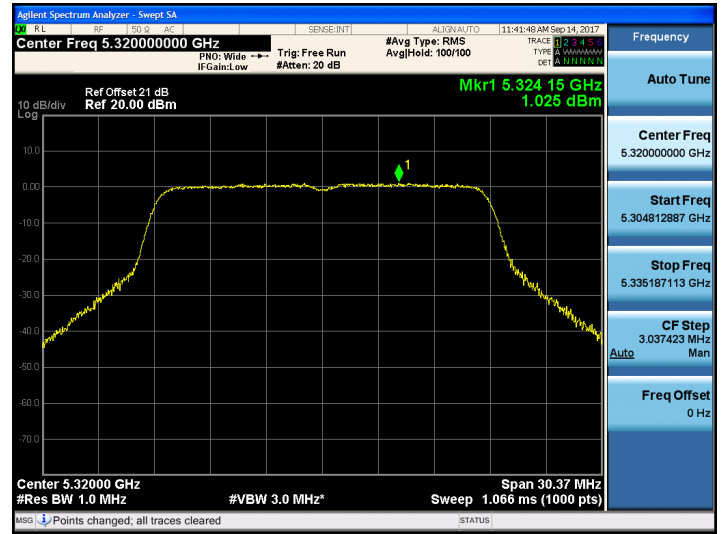


TEST Plot for 802.11ac_VHT20_Ant.2

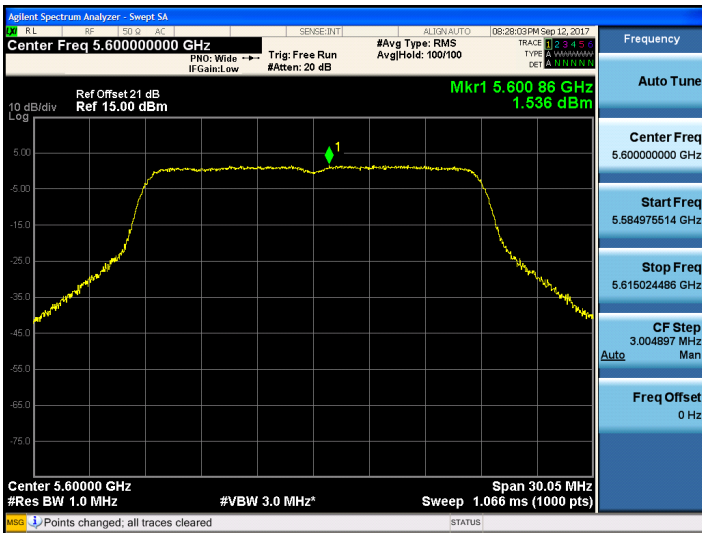
802.11ac_VHT20 UNII 1 BAND PSD CH 36



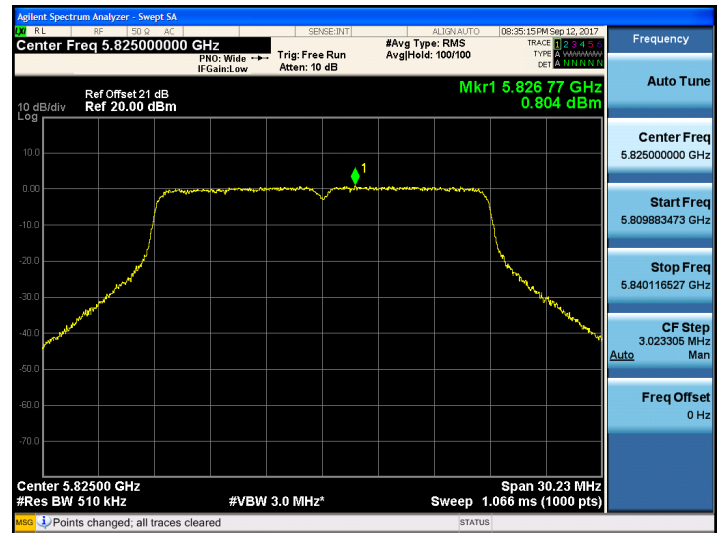
802.11ac_VHT20 UNII 2A BAND PSD CH 64



802.11ac_VHT20 UNII 2C BAND PSD CH 120

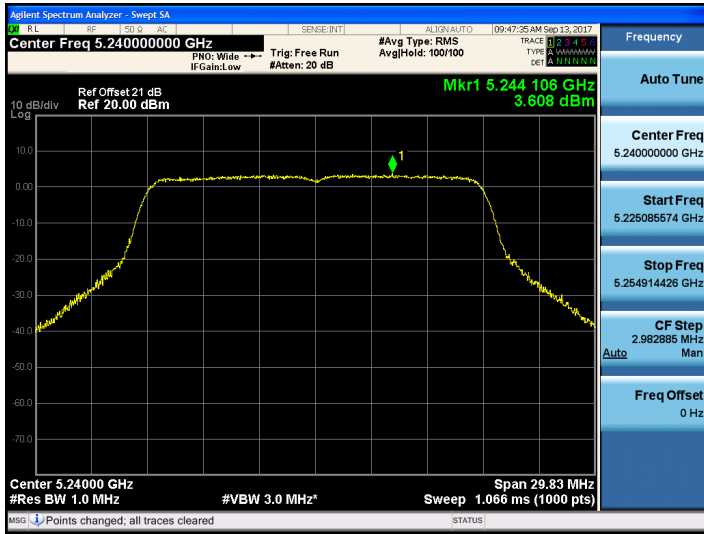


802.11ac_VHT20 UNII 3 BAND PSD CH 165

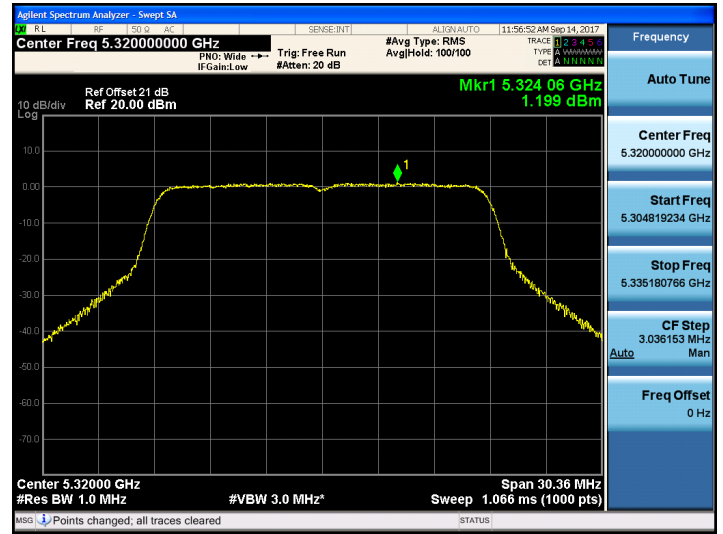


TEST Plot for 802.11ac_VHT20_Ant.3

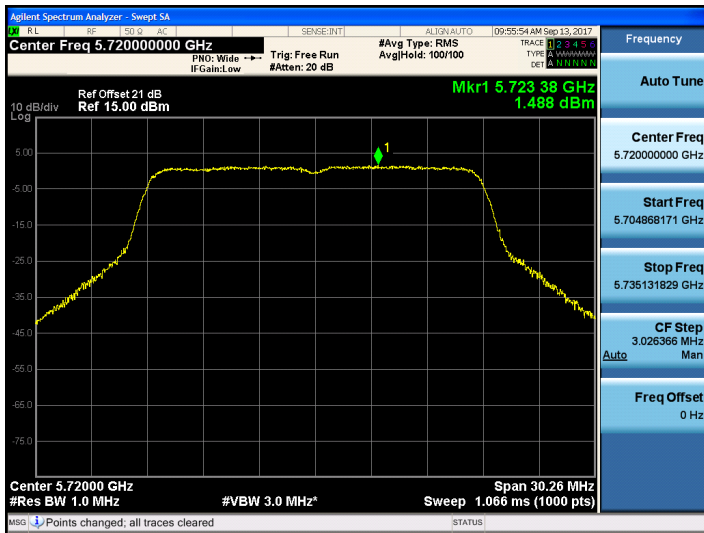
802.11ac_VHT20 UNII 1 BAND PSD CH 48



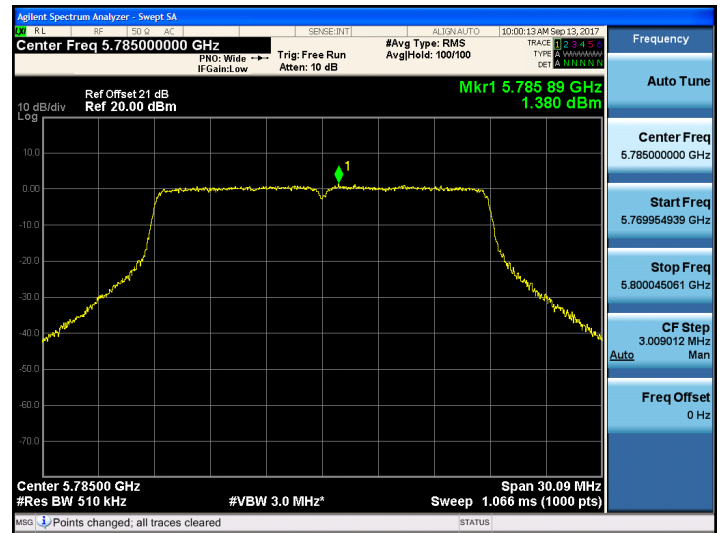
802.11ac_VHT20 UNII 2A BAND PSD CH 64



802.11ac_VHT20 UNII 2C BAND PSD CH 144



802.11ac_VHT20 UNII 3 BAND PSD CH 157



Ant.0

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5190	38	802.11n _HT40 (SISO)	-4.923	0.116	-4.807	17	Pass
5230	46		0.901	0.116	1.017		Pass
5270	54		-0.640	0.116	-0.524	11	Pass
5310	62		-5.123	0.116	-5.007		Pass
5510	102		-4.599	0.116	-4.483	11	Pass
5590	118		0.147	0.116	0.263		Pass
5710	142		0.082	0.116	0.198		Pass
5755	151		-2.081	0.116	-1.965	30	Pass
5795	159		-2.237	0.116	-2.121		Pass

Ant.1

TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5190	38	802.11n _HT40 (SISO)	-4.620	0.116	-4.504	17	Pass
5230	46		1.141	0.116	1.257		Pass
5270	54		-0.527	0.116	-0.411	11	Pass
5310	62		-5.047	0.116	-4.931		Pass
5510	102		-4.948	0.116	-4.832	11	Pass
5590	118		-0.016	0.116	0.100		Pass
5710	142		-0.041	0.116	0.075		Pass
5755	151		-2.396	0.116	-2.280	30	Pass
5795	159		-2.437	0.116	-2.321		Pass

Ant.2
TEST RESULTS
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5190	38	802.11n _HT40 (SISO)	-4.865	0.116	-4.749	17	Pass
5230	46		1.195	0.116	1.311		Pass
5270	54		-0.127	0.116	-0.011	11	Pass
5310	62		-5.093	0.116	-4.977		Pass
5510	102		-5.069	0.116	-4.953	11	Pass
5590	118		0.279	0.116	0.395		Pass
5710	142		0.043	0.116	0.159		Pass
5755	151		-1.968	0.116	-1.852	30	Pass
5795	159		-1.896	0.116	-1.780		Pass

Ant.3
TEST RESULTS
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5190	38	802.11n _HT40 (SISO)	-4.882	0.116	-4.766	17	Pass
5230	46		1.135	0.116	1.251		Pass
5270	54		-0.223	0.116	-0.107	11	Pass
5310	62		-4.924	0.116	-4.808		Pass
5510	102		-4.963	0.116	-4.847	11	Pass
5590	118		0.198	0.116	0.314		Pass
5710	142		-0.156	0.116	-0.040		Pass
5755	151		-1.869	0.116	-1.753	30	Pass
5795	159		-1.477	0.116	-1.361		Pass

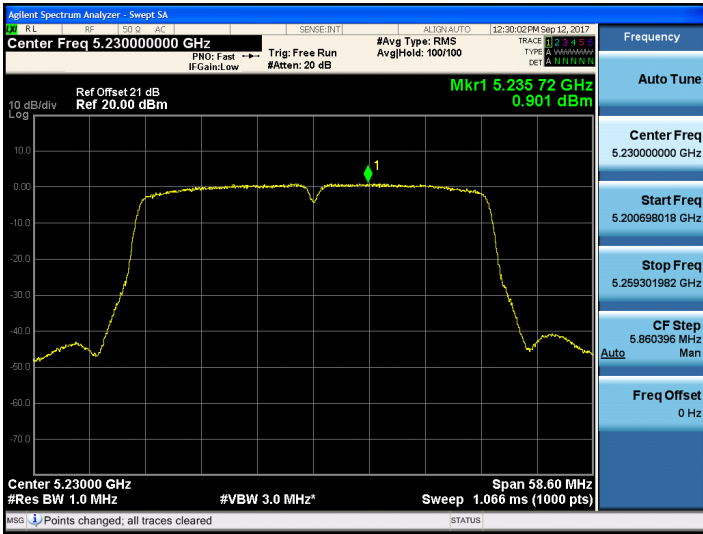
Sum Data of Ant.0 and Ant.1
TEST RESULTS

Conducted Power Density Measurements

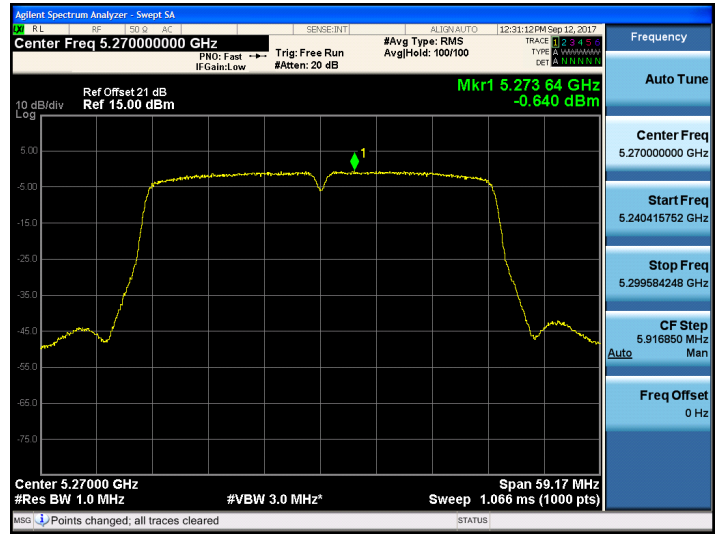
Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5190	38	802.11n _HT40 (MIMO)	1.31	13.94	Pass
5230	46		7.23		Pass
5270	54		5.76	7.57	Pass
5310	62		1.09		Pass
5510	102		1.24	7.8	Pass
5590	118		6.29		Pass
5710	142		6.12		Pass
5755	151		4.06	26.07	Pass
5795	159		4.13		Pass

TEST Plot for 802.11n_HT40_Ant.0

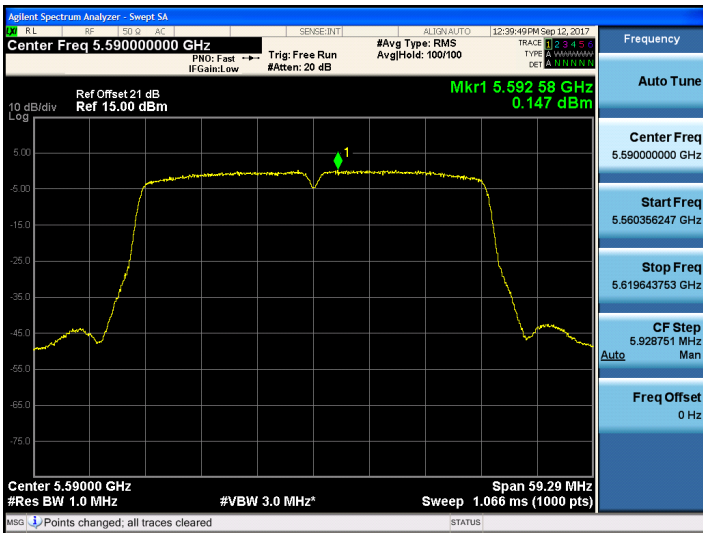
802.11n_HT40 UNII 1 BAND PSD CH 46



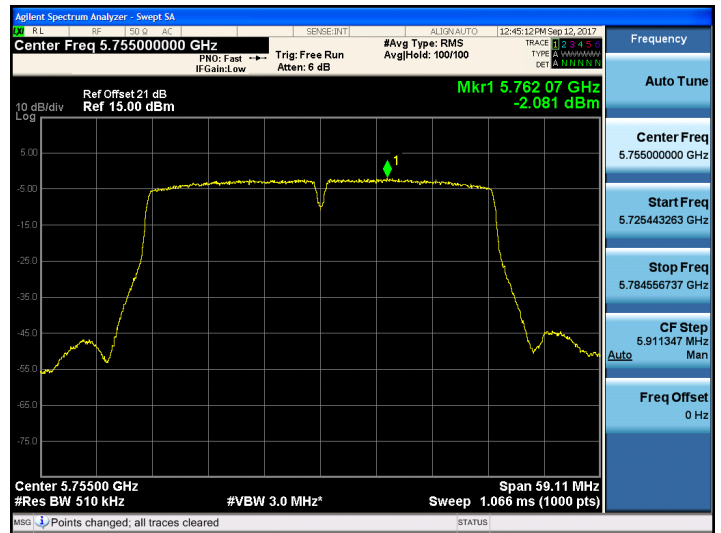
802.11n_HT40 UNII 2A BAND PSD CH 54



802.11n_HT40 UNII 2C BAND PSD CH 118

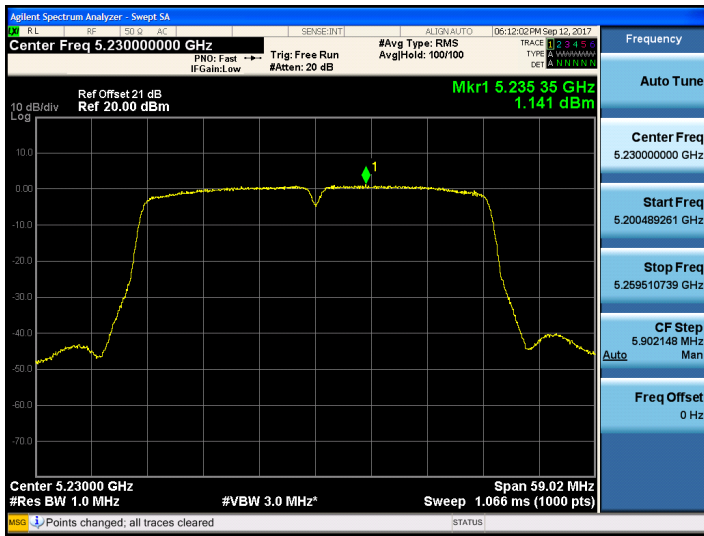


802.11n_HT40 UNII 3 BAND PSD CH 151

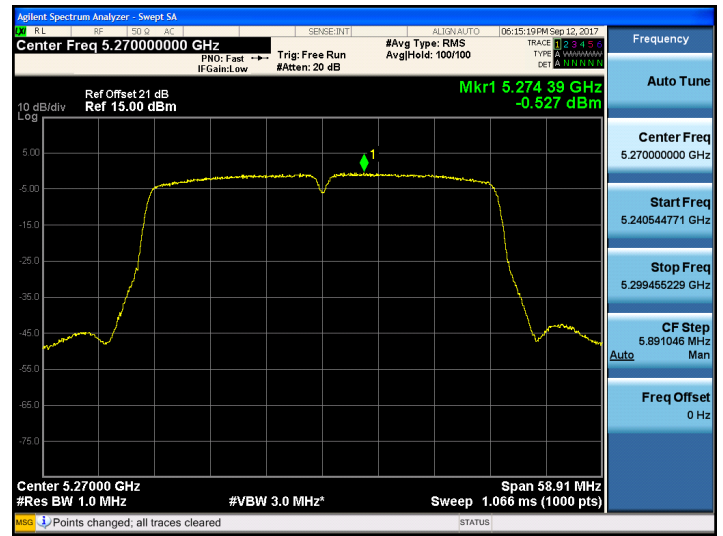


TEST Plot for 802.11n_HT40_Ant.1

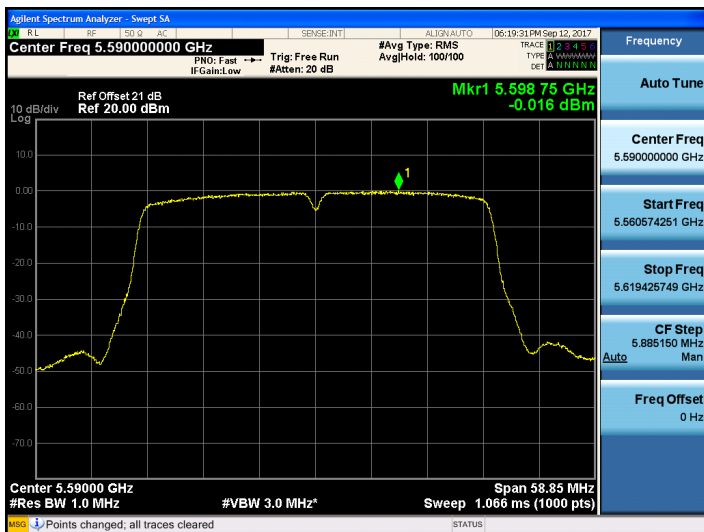
802.11n_HT40 UNII 1 BAND PSD CH 46



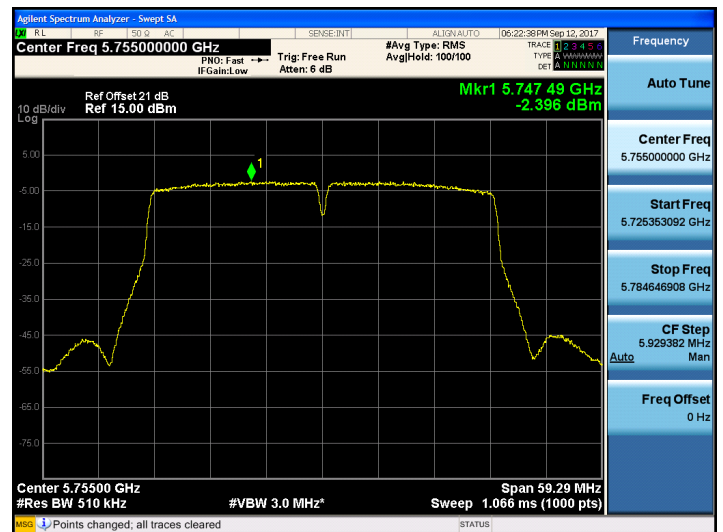
802.11n_HT40 UNII 2A BAND PSD CH 54



802.11n_HT40 UNII 2C BAND PSD CH 118

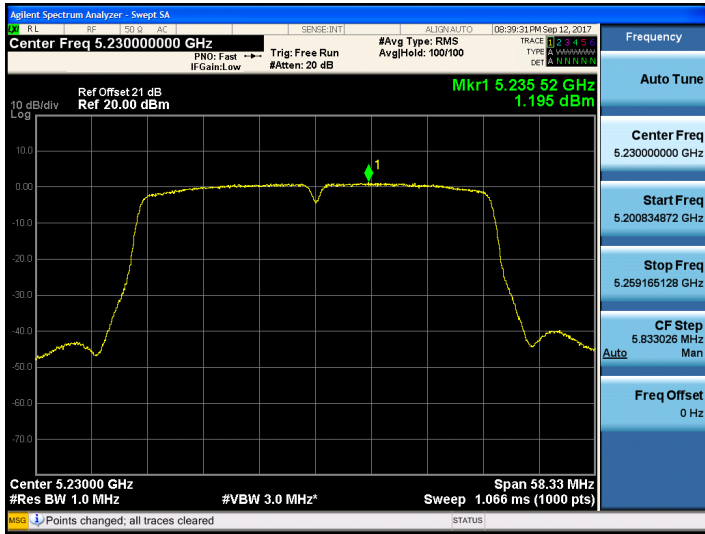


802.11n_HT40 UNII 3 BAND PSD CH 151

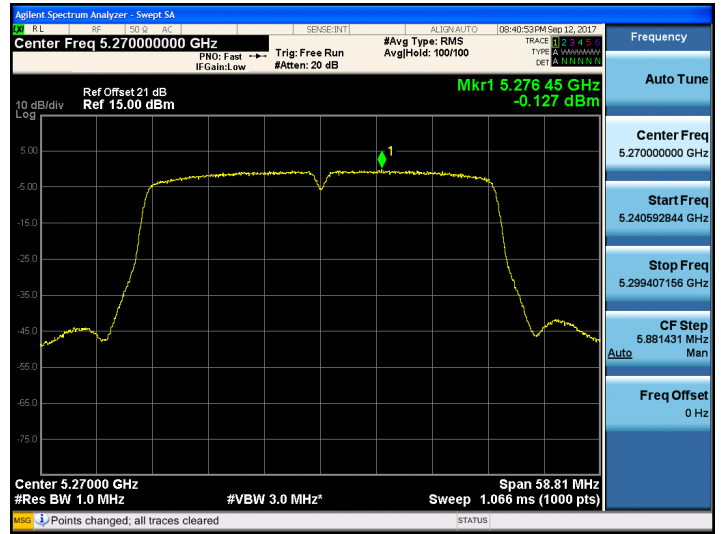


TEST Plot for 802.11n_HT40_Ant.2

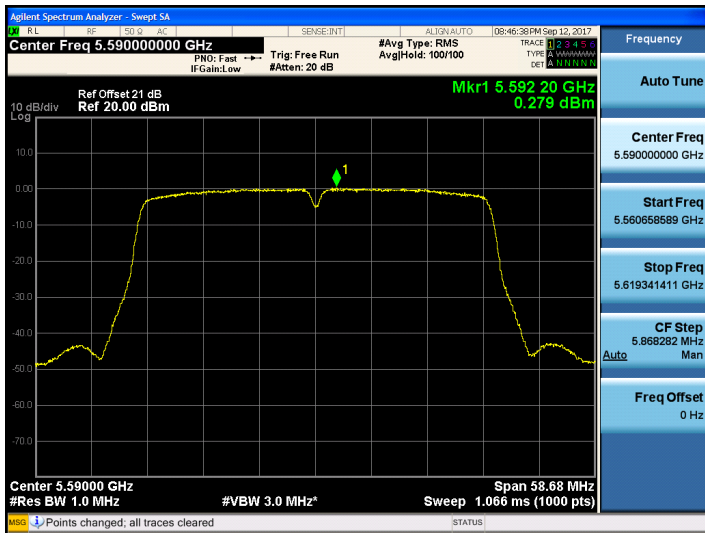
802.11n_HT40 UNII 1 BAND PSD CH 46



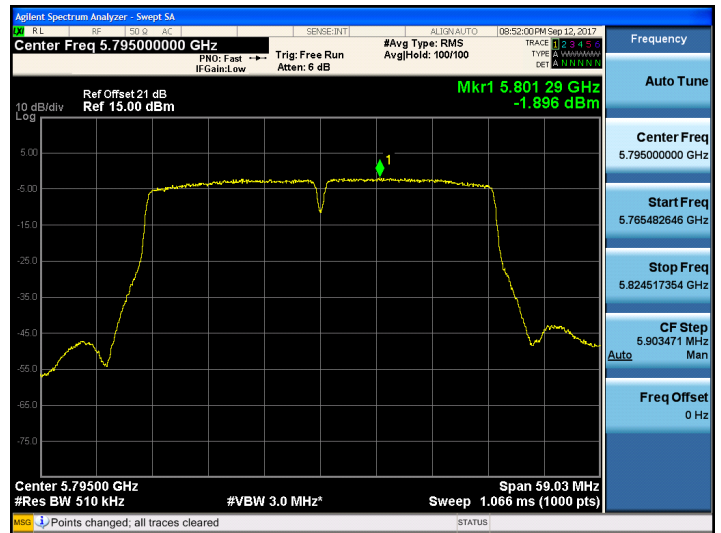
802.11n_HT40 UNII 2A BAND PSD CH 54



802.11n_HT40 UNII 2C BAND PSD CH 118

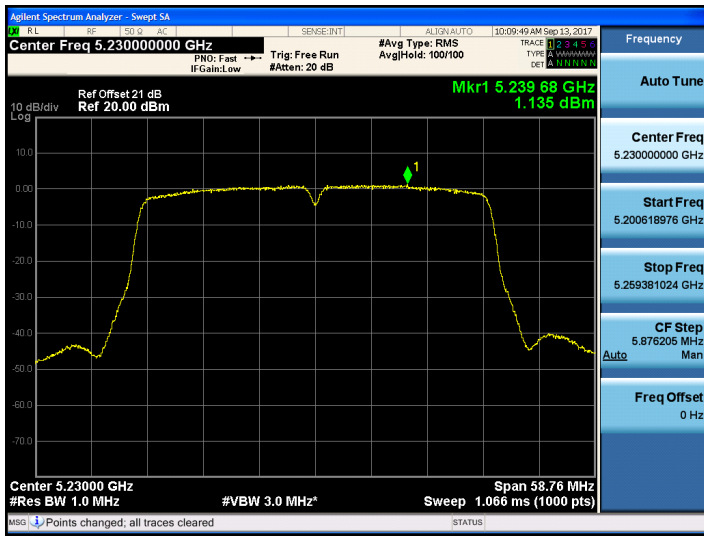


802.11n_HT40 UNII 3 BAND PSD CH 159

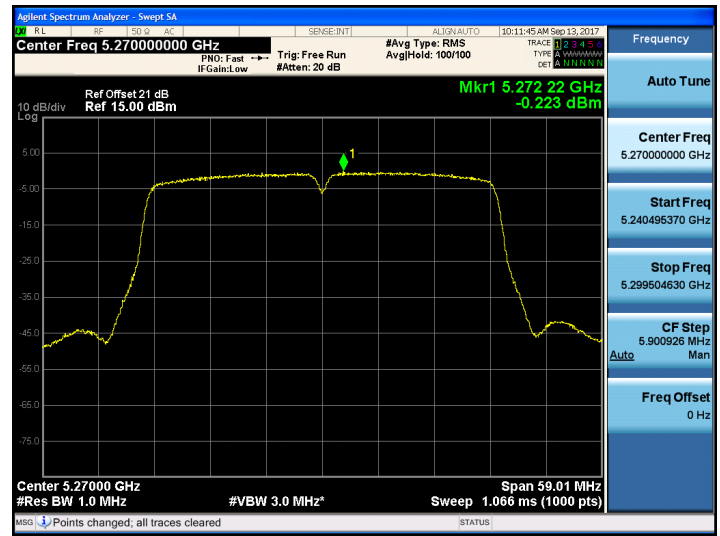


TEST Plot for 802.11n_HT40_Ant.3

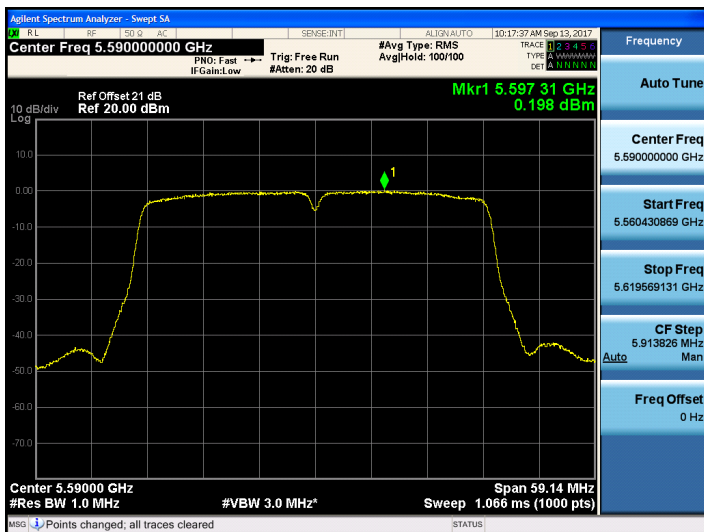
802.11n_HT40 UNII 1 BAND PSD CH 46



802.11n_HT40 UNII 2A BAND PSD CH 54



802.11n_HT40 UNII 2C BAND PSD CH 118



802.11n_HT40 UNII 3 BAND PSD CH 159

