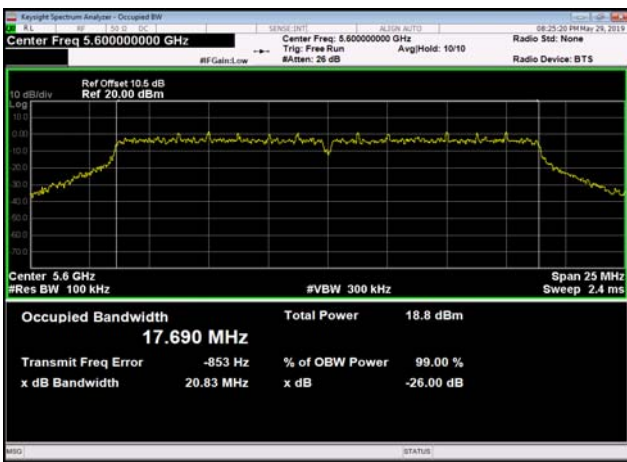
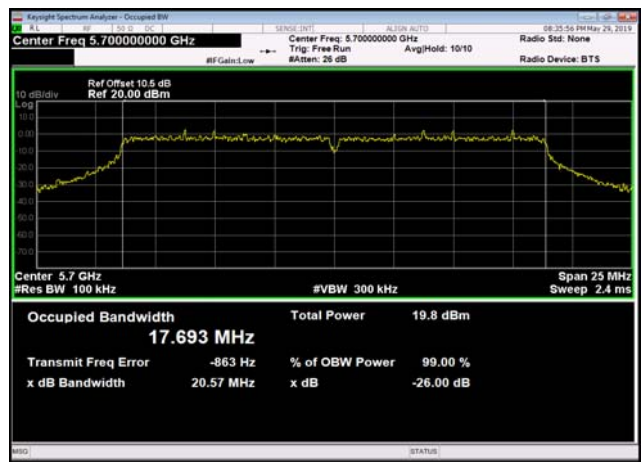




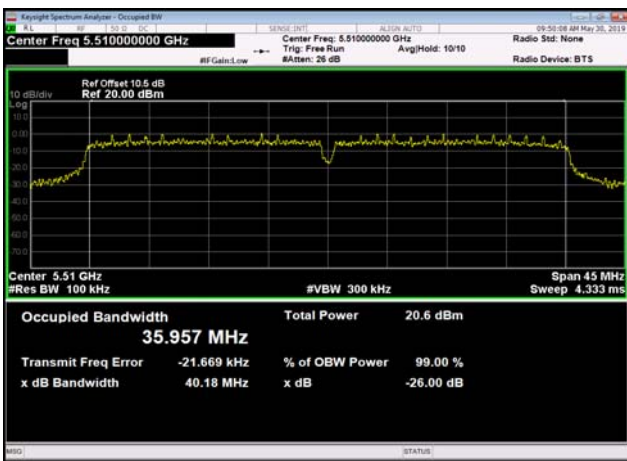
U-NII-2c 26dB Bandwidth-802.11ac(20MHz),5600MHz



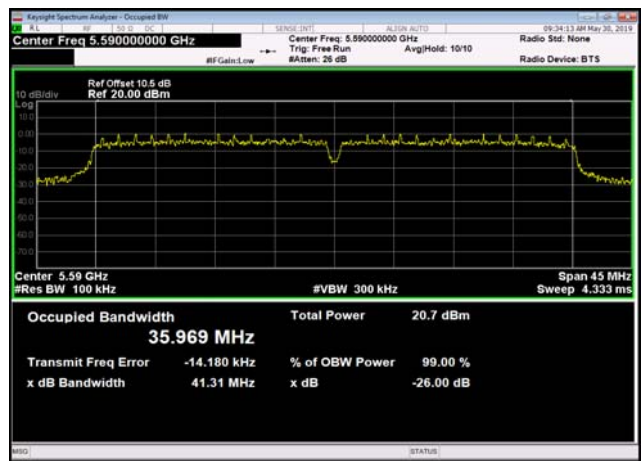
U-NII-2c 26dB Bandwidth-802.11ac(20MHz),5700MHz



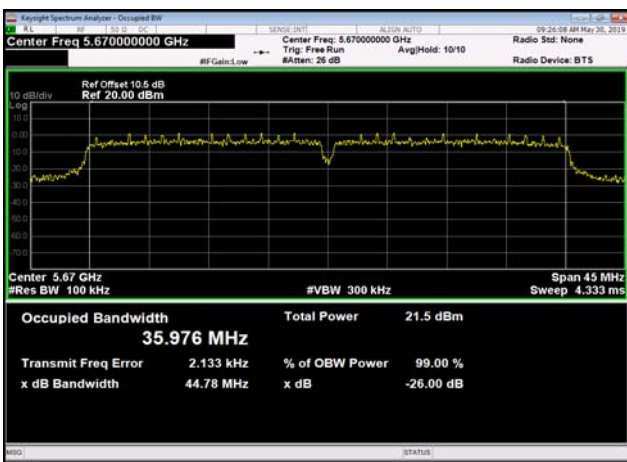
U-NII-2c 26dB Bandwidth-802.11ac(40MHz),5510MHz



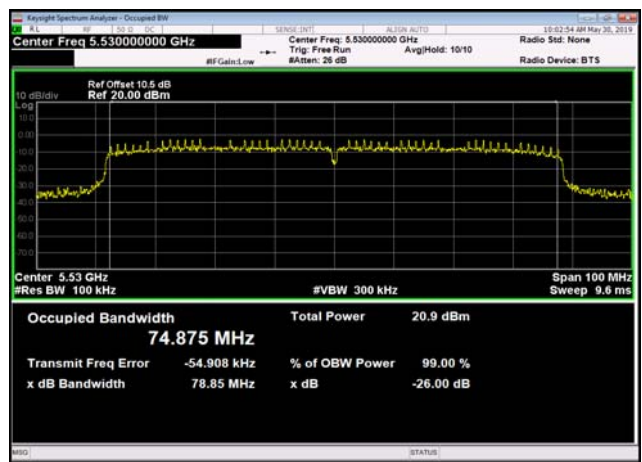
U-NII-2c 26dB Bandwidth-802.11ac(40MHz),5590MHz



U-NII-2c 26dB Bandwidth-802.11ac(40MHz),5670MHz



U-NII-2c 26dB Bandwidth-802.11ac(80MHz),5530MHz





U-NII-2c 26dB Bandwidth-802.11ac(80MHz),5610MHz





## 6dB Down Bandwidth

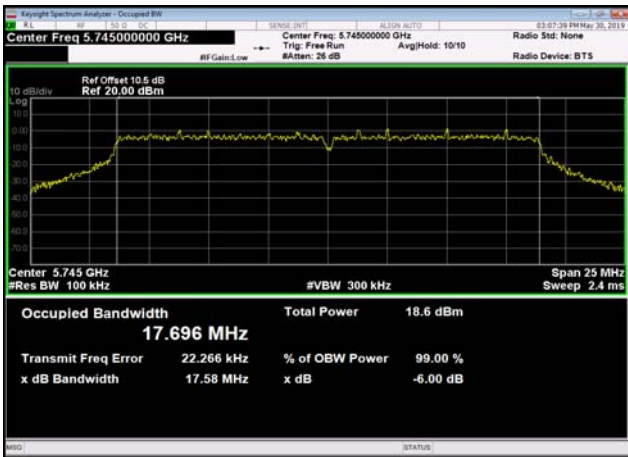
### Test Result and Data

U-NII-3 Occupied 6dB Bandwidth				
Mode	Test Frequency (MHz)	Occupied Bandwidth (MHz)	Min Limit (KHz)	Result
802.11n (20MHz)	5745	17.58	500	Pass
802.11n (20MHz)	5785	17.59	500	Pass
802.11n (20MHz)	5825	17.59	500	Pass
802.11n (40MHz)	5755	35.19	500	Pass
802.11n (40MHz)	5795	35.64	500	Pass
802.11ac (20MHz)	5745	17.59	500	Pass
802.11ac (20MHz)	5785	17.58	500	Pass
802.11ac (20MHz)	5825	17.59	500	Pass
802.11ac (40MHz)	5755	35.18	500	Pass
802.11ac (40MHz)	5795	35.18	500	Pass
802.11ac (80MHz)	5775	75.09	500	Pass
802.11a (20MHz)	5745	16.34	500	Pass
802.11a (20MHz)	5785	16.36	500	Pass
802.11a (20MHz)	5825	16.36	500	Pass



### Test Plots

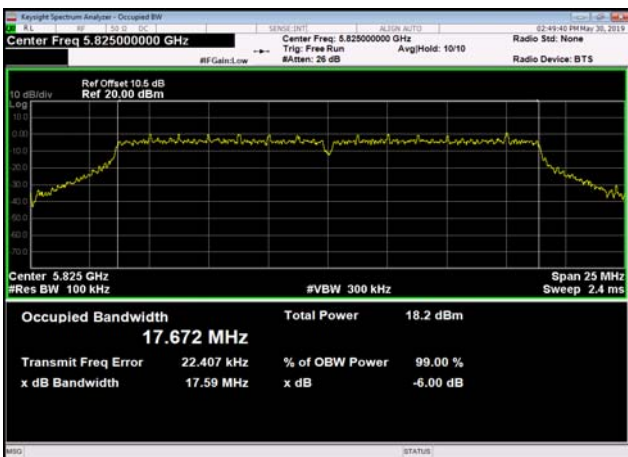
U-NII-3 6dB Bandwidth-802.11n(20MHz)  
,5745MHz



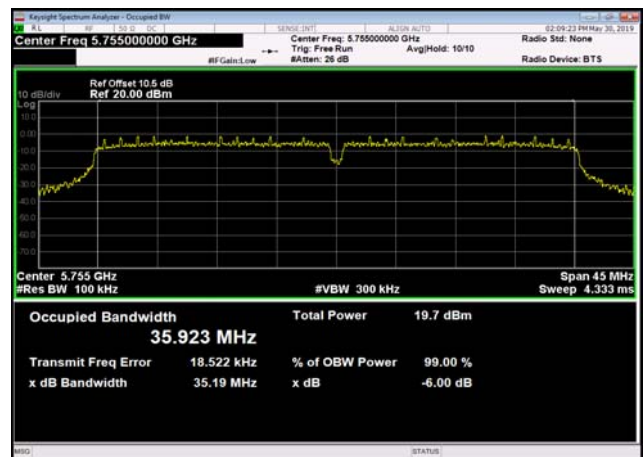
U-NII-3 6dB Bandwidth-802.11n(20MHz)  
,5785MHz



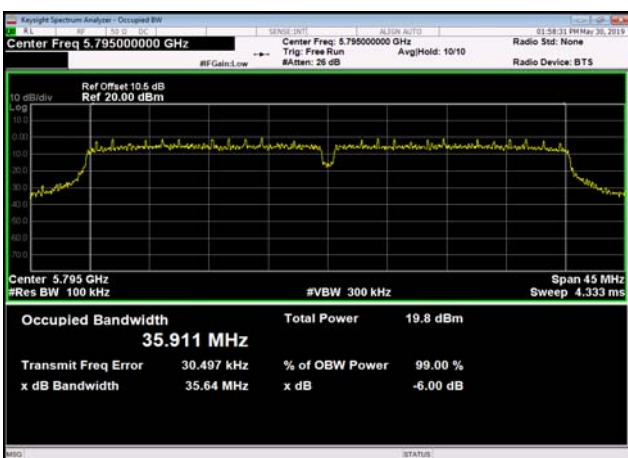
U-NII-3 6dB Bandwidth-802.11n(20MHz)  
,5825MHz



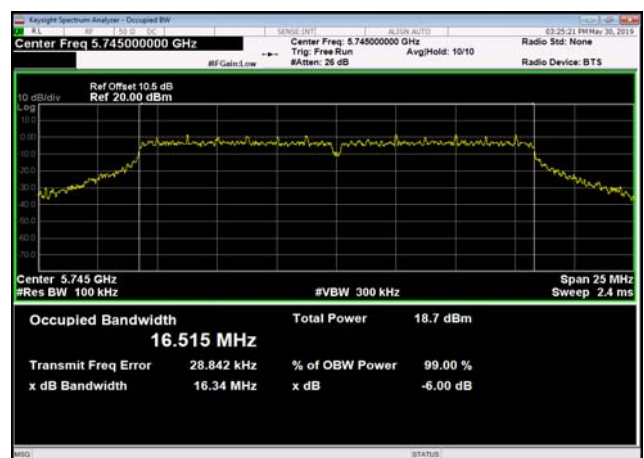
U-NII-3 6dB Bandwidth-802.11n(40MHz)  
,5755MHz



U-NII-3 6dB Bandwidth-802.11n(40MHz)  
,5795MHz

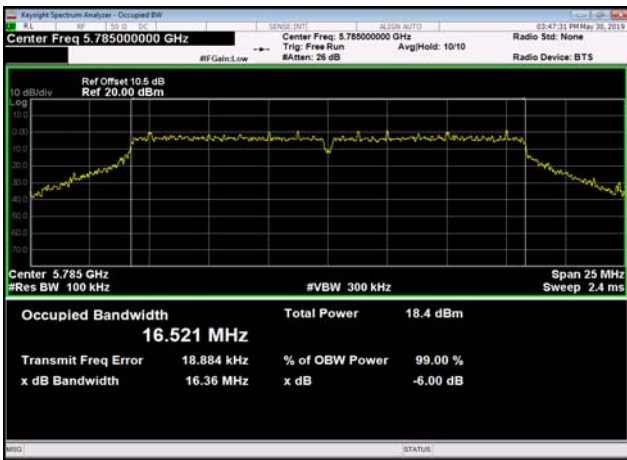


U-NII-3 6dB Bandwidth-802.11a(20MHz)  
,5745MHz

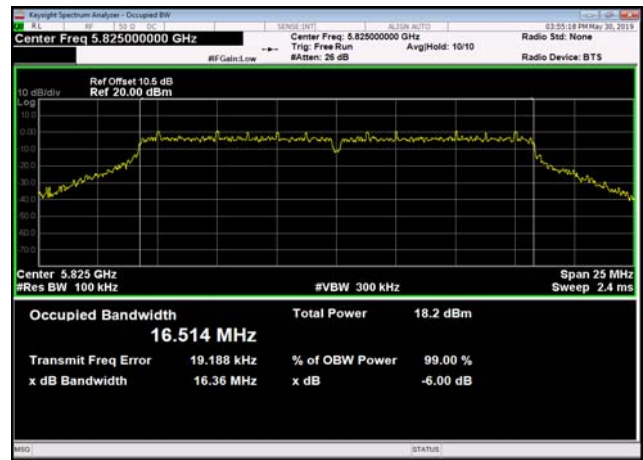




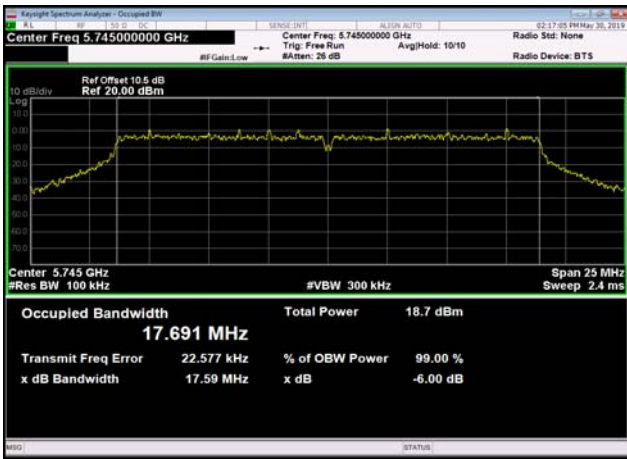
U-NII-3 6dB Bandwidth-802.11a(20MHz)  
,5785MHz



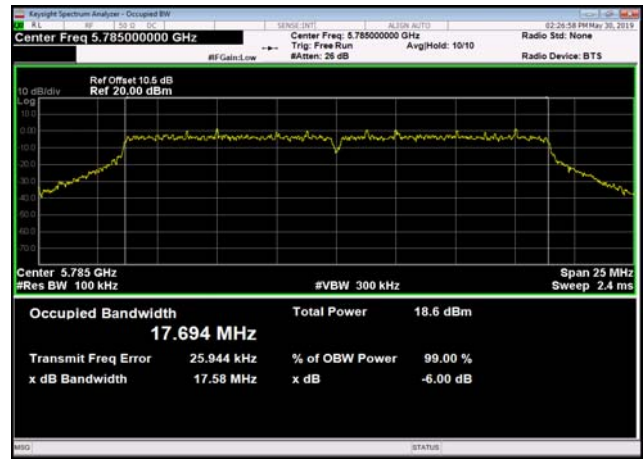
U-NII-3 6dB Bandwidth-802.11a(20MHz)  
,5825MHz



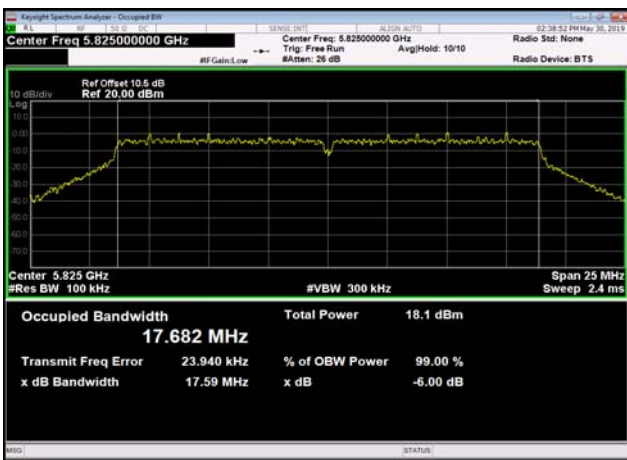
U-NII-3 6dB Bandwidth-802.11ac(20MHz)  
,5745MHz



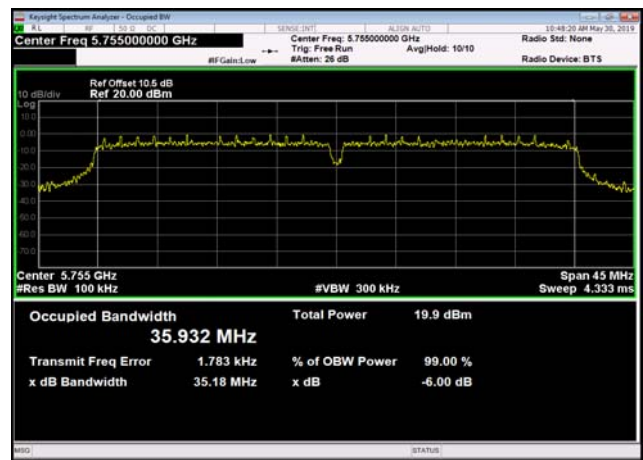
U-NII-3 6dB Bandwidth-802.11ac(20MHz)  
,5785MHz



U-NII-3 6dB Bandwidth-802.11ac(20MHz)  
,5825MHz

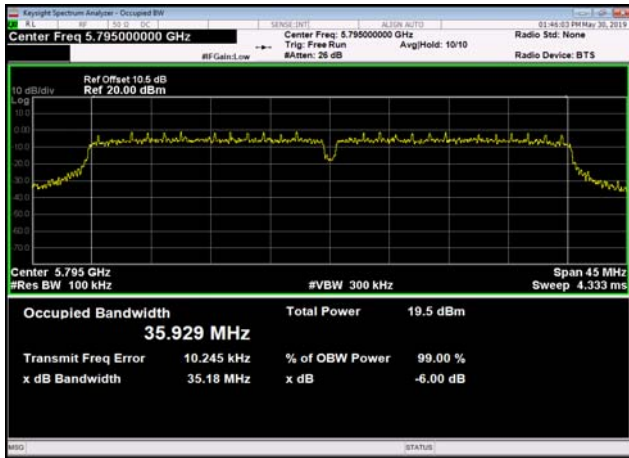


U-NII-3 6dB Bandwidth-802.11ac(40MHz)  
,5755MHz

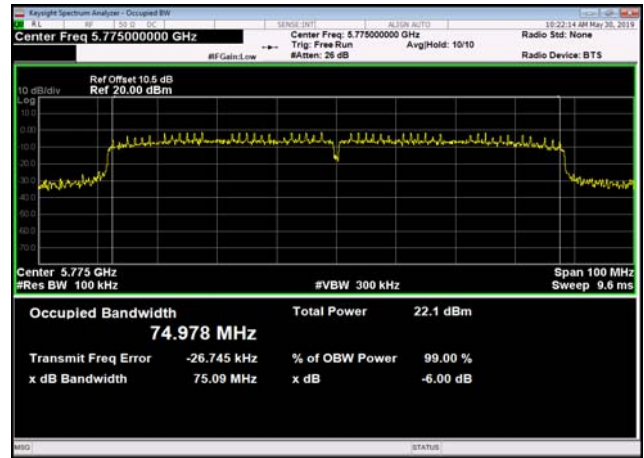




U-NII-3 6dB Bandwidth-802.11ac(40MHz)  
,5795MHz



U-NII-3 6dB Bandwidth-802.11ac(80MHz)  
,5775MHz





## 99% Occupied Bandwidth

### Test Result and Data

Mode	U-NII-1 99% Occupied Bandwidth		
	Test Frequency (MHz)	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	17.631	Pass
802.11n (20MHz)	5220	17.619	Pass
802.11n (20MHz)	5240	17.631	Pass
802.11n (40MHz)	5190	36.072	Pass
802.11n (40MHz)	5230	36.040	Pass
802.11ac (20MHz)	5180	17.616	Pass
802.11ac (20MHz)	5220	17.650	Pass
802.11ac (20MHz)	5240	17.609	Pass
802.11ac (40MHz)	5190	36.078	Pass
802.11ac (40MHz)	5230	36.103	Pass
802.11ac (80MHz)	5210	75.020	Pass
802.11a (20MHz)	5180	16.645	Pass
802.11a (20MHz)	5220	16.666	Pass
802.11a (20MHz)	5240	16.701	Pass



U-NII-2a 99% Occupied Bandwidth			
Mode	Test Frequency (MHz)	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5260	17.640	Pass
802.11n (20MHz)	5300	17.624	Pass
802.11n (20MHz)	5320	17.637	Pass
802.11n (40MHz)	5270	36.038	Pass
802.11n (40MHz)	5310	36.119	Pass
802.11ac (20MHz)	5260	17.636	Pass
802.11ac (20MHz)	5300	17.584	Pass
802.11ac (20MHz)	5320	17.640	Pass
802.11ac (40MHz)	5270	36.067	Pass
802.11ac (40MHz)	5310	36.075	Pass
802.11ac (80MHz)	5290	75.136	Pass
802.11a (20MHz)	5260	16.574	Pass
802.11a (20MHz)	5300	16.625	Pass
802.11a (20MHz)	5320	16.656	Pass





U-NII-2c 99% Occupied Bandwidth			
Mode	Test Frequency (MHz)	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5500	17.755	Pass
802.11n (20MHz)	5600	17.632	Pass
802.11n (20MHz)	5700	17.602	Pass
802.11n (40MHz)	5510	36.093	Pass
802.11n (40MHz)	5590	36.084	Pass
802.11n (40MHz)	5670	36.062	Pass
802.11ac (20MHz)	5500	17.775	Pass
802.11ac (20MHz)	5600	17.646	Pass
802.11ac (20MHz)	5700	17.579	Pass
802.11ac (40MHz)	5510	36.105	Pass
802.11ac (40MHz)	5590	36.055	Pass
802.11ac (40MHz)	5670	36.002	Pass
802.11ac (80MHz)	5530	75.097	Pass
802.11ac (80MHz)	5610	75.065	Pass
802.11a (20MHz)	5500	16.825	Pass
802.11a (20MHz)	5600	16.618	Pass
802.11a (20MHz)	5700	16.541	Pass



## U-NII-3 99% Occupied Bandwidth

Mode	Test Frequency (MHz)	Occupied Bandwidth (MHz)	Min Limit (KHz)	Result
802.11n (20MHz)	5745	17.601	500	Pass
802.11n (20MHz)	5785	17.577	500	Pass
802.11n (20MHz)	5825	17.597	500	Pass
802.11n (40MHz)	5755	36.027	500	Pass
802.11n (40MHz)	5795	36.062	500	Pass
802.11ac (20MHz)	5745	17.602	500	Pass
802.11ac (20MHz)	5785	17.599	500	Pass
802.11ac (20MHz)	5825	17.598	500	Pass
802.11ac (40MHz)	5755	35.971	500	Pass
802.11ac (40MHz)	5795	36.076	500	Pass
802.11ac (80MHz)	5775	75.179	500	Pass
802.11a (20MHz)	5745	16.560	500	Pass
802.11a (20MHz)	5785	16.545	500	Pass
802.11a (20MHz)	5825	16.530	500	Pass



# Test Plots Band 1

U-NII-1 99% Bandwidth-802.11n(20MHz)  
,5180MHz



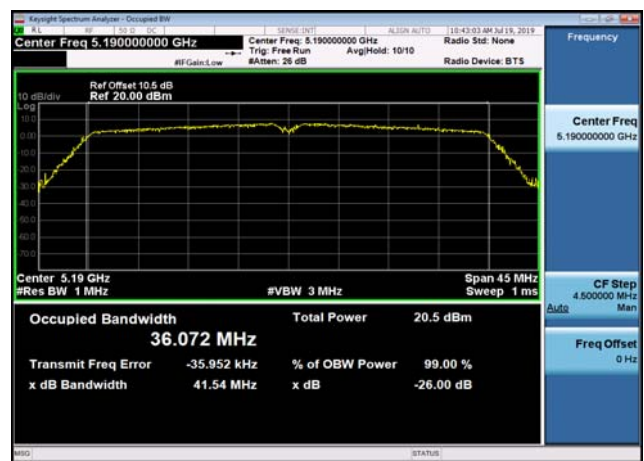
U-NII-1 99% Bandwidth-802.11n(20MHz)  
,5220MHz



U-NII-1 99% Bandwidth-802.11n(20MHz)  
,5240MHz



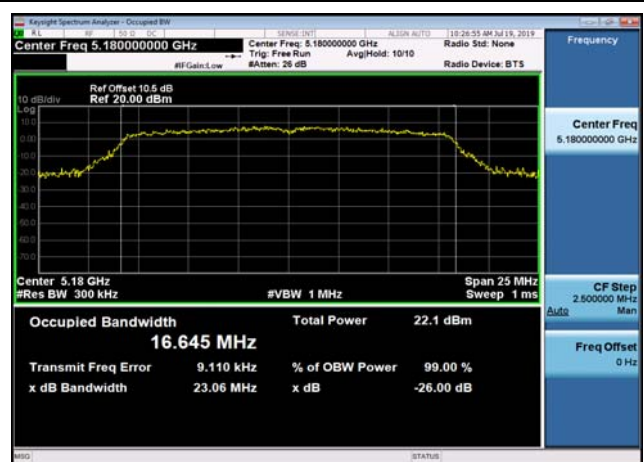
U-NII-1 99% Bandwidth-802.11n(40MHz)  
,5190MHz



U-NII-1 99% Bandwidth-802.11n(40MHz)  
,5230MHz



U-NII-1 99% Bandwidth-802.11a(20MHz)  
,5180MHz



U-NII-1 99% Bandwidth-802.11a(20MHz)  
,5220MHz



U-NII-1 99% Bandwidth-802.11a(20MHz)  
,5240MHz





U-NII-1 99% Bandwidth-802.11ac(20MHz)  
,5180MHz



U-NII-1 99% Bandwidth-802.11ac(20MHz)  
,5220MHz



U-NII-1 99% Bandwidth-802.11ac(20MHz)  
,5240MHz



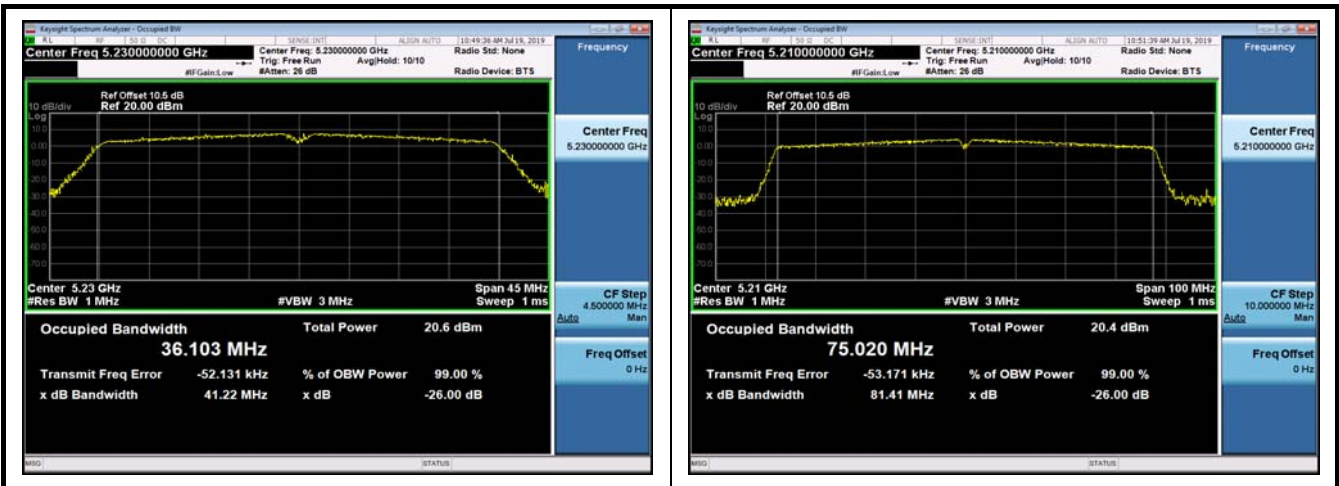
U-NII-1 99% Bandwidth-802.11ac(40MHz)  
,5190MHz



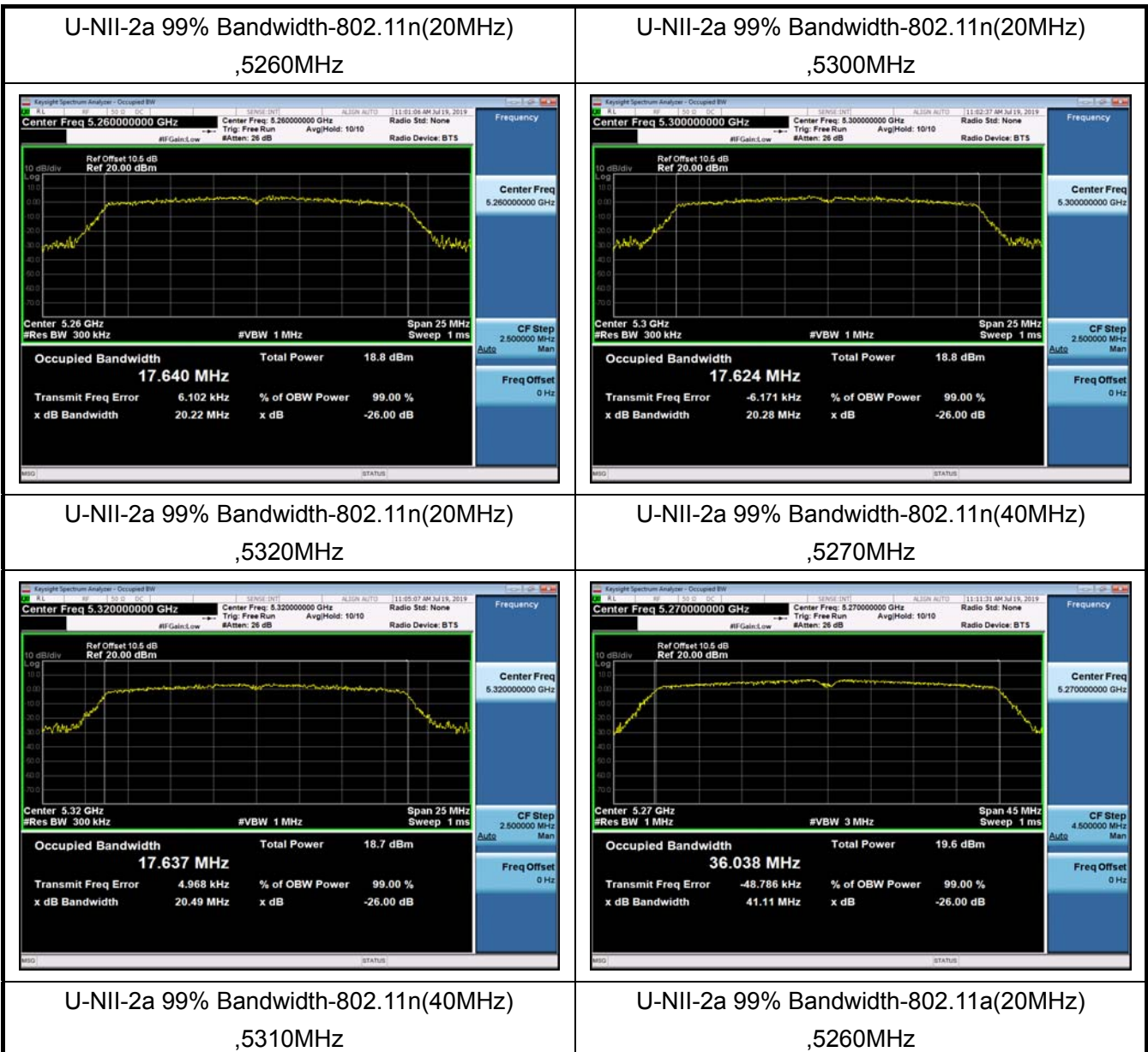
U-NII-1 99% Bandwidth-802.11ac(40MHz)  
,5230MHz



U-NII-1 99% Bandwidth-802.11ac(80MHz)  
,5210MHz



Band 2A





U-NII-2a 99% Bandwidth-802.11a(20MHz)  
,5300MHz



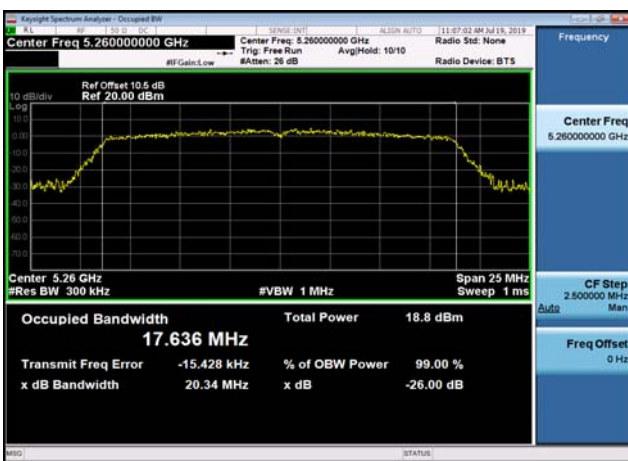
U-NII-2a 99% Bandwidth-802.11a(20MHz)  
,5320MHz



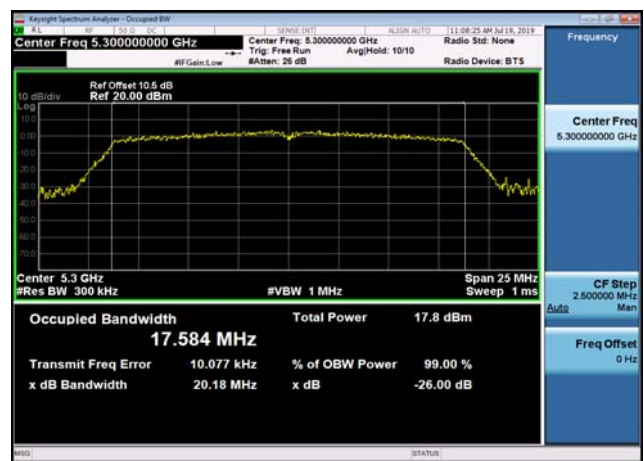
U-NII-2a 99% Bandwidth-802.11ac(20MHz)  
,5260MHz



U-NII-2a 99% Bandwidth-802.11ac(20MHz)  
,5300MHz



U-NII-2a 99% Bandwidth-802.11ac(20MHz)  
,5320MHz



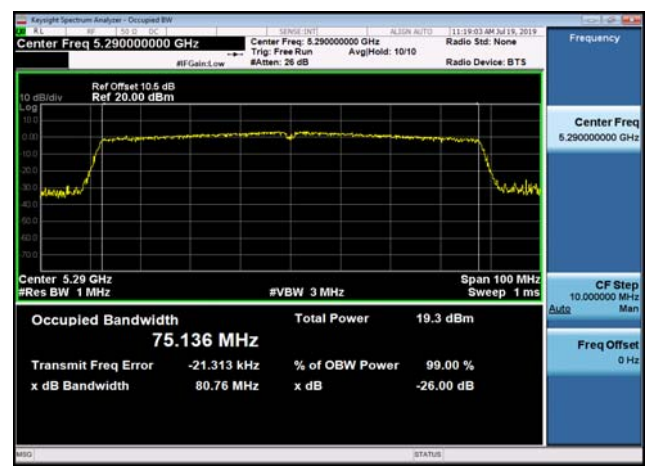
U-NII-2a 99% Bandwidth-802.11ac(40MHz)  
,5270MHz



U-NII-2a 99% Bandwidth-802.11ac(40MHz),5310MHz



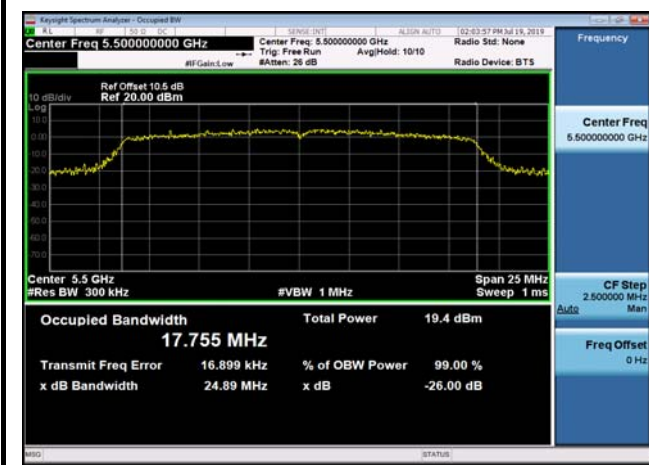
U-NII-2a 99% Bandwidth-802.11ac(80MHz),5290MHz



Band 2C

U-NII-2c 99% Bandwidth-802.11n(20MHz),5500MHz

U-NII-2c 99% Bandwidth-802.11n(20MHz),5600MHz



U-NII-2c 99% Bandwidth-802.11n(20MHz),5700MHz

U-NII-2c 99% Bandwidth-802.11n(40MHz),5510MHz



U-NII-2c 99% Bandwidth-802.11n(40MHz)  
,5590MHz



U-NII-2c 99% Bandwidth-802.11n(40MHz)  
,5670MHz



U-NII-2c 99% Bandwidth-802.11a(20MHz)  
,5500MHz



U-NII-2c 99% Bandwidth-802.11a(20MHz)  
,5600MHz



U-NII-2c 99% Bandwidth-802.11a(20MHz)  
,5700MHz



U-NII-2c 99% Bandwidth-802.11ac(20MHz)  
,5500MHz

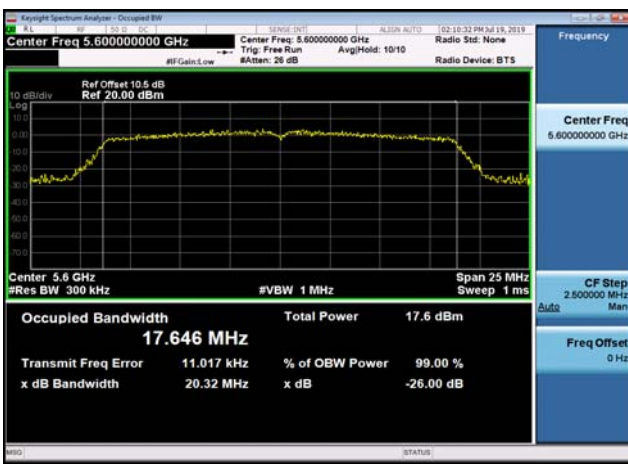




U-NII-2c 99% Bandwidth-802.11ac(20MHz),5600MHz



U-NII-2c 99% Bandwidth-802.11ac(20MHz),5700MHz



U-NII-2c 99% Bandwidth-802.11ac(40MHz),5510MHz



U-NII-2c 99% Bandwidth-802.11ac(40MHz),5590MHz



U-NII-2c 99% Bandwidth-802.11ac(40MHz),5670MHz



U-NII-2c 99% Bandwidth-802.11ac(80MHz),5530MHz



U-NII-2c 99% Bandwidth-802.11ac(80MHz),5610MHz



Band 3

U-NII-3 99% Bandwidth-802.11n(20MHz),5745MHz

U-NII-3 99% Bandwidth-802.11n(20MHz),5785MHz



U-NII-3 99% Bandwidth-802.11n(20MHz),5825MHz

U-NII-3 99% Bandwidth-802.11n(40MHz),5755MHz



U-NII-3 99% Bandwidth-802.11n(40MHz),5795MHz



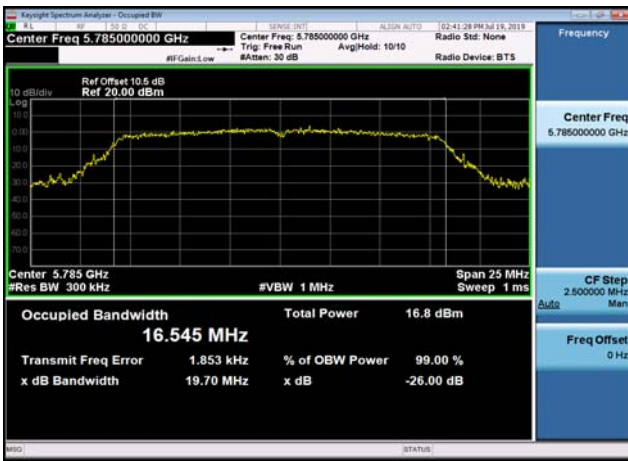
U-NII-3 99% Bandwidth-802.11a(20MHz),5745MHz



U-NII-3 99% Bandwidth-802.11a(20MHz),5785MHz



U-NII-3 99% Bandwidth-802.11a(20MHz),5825MHz



U-NII-3 99% Bandwidth-802.11ac(20MHz),5745MHz



U-NII-3 99% Bandwidth-802.11ac(20MHz),5785MHz



U-NII-3 99% Bandwidth-802.11ac(20MHz)  
,5825MHz



U-NII-3 99% Bandwidth-802.11ac(40MHz)  
,5755MHz



U-NII-3 99% Bandwidth-802.11ac(40MHz)  
,5795MHz



U-NII-3 99% Bandwidth-802.11ac(80MHz)  
,5775MHz



**Frequency Stability**

U-NII-1 Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5180	5171.130	5188.918	5180.024	4.580	Pass
802.11n (20MHz)	5220	5211.087	5228.917	5220.002	0.320	Pass
802.11n (20MHz)	5240	5231.076	5248.928	5240.002	0.400	Pass
802.11n (40MHz)	5190	5171.829	5208.200	5190.014	2.750	Pass
802.11n (40MHz)	5230	5211.840	5248.180	5230.010	1.860	Pass
802.11ac (20MHz)	5180	5171.099	5188.923	5180.011	2.090	Pass
802.11ac (20MHz)	5220	5211.079	5228.918	5219.999	-0.240	Pass
802.11ac (20MHz)	5240	5231.713	5248.300	5240.007	1.270	Pass
802.11ac (40MHz)	5190	5171.801	5208.203	5190.002	0.290	Pass
802.11ac (40MHz)	5230	5211.822	5248.197	5230.009	1.720	Pass
802.11ac (80MHz)	5210	5172.093	5247.910	5210.002	0.320	Pass
802.11a (20MHz)	5180	5171.715	5188.310	5180.013	2.410	Pass
802.11a (20MHz)	5220	5211.705	5228.298	5220.002	0.320	Pass
802.11a (20MHz)	5240	5231.709	5248.303	5240.006	1.190	Pass



U-NII-2a Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5260	5250.620	5269.553	5260.086	16.400	Pass
802.11n (20MHz)	5300	5290.543	5309.627	5300.085	16.040	Pass
802.11n (20MHz)	5320	5310.569	5329.421	5319.995	-0.940	Pass
802.11n (40MHz)	5270	5251.234	5288.629	5269.931	-13.090	Pass
802.11n (40MHz)	5310	5291.438	5328.536	5309.987	-2.540	Pass
802.11ac (20MHz)	5260	5250.590	5269.425	5260.008	1.430	Pass
802.11ac (20MHz)	5300	5290.616	5309.421	5300.018	3.460	Pass
802.11ac (20MHz)	5320	5310.619	5329.437	5320.028	5.250	Pass
802.11ac (40MHz)	5270	5251.439	5288.521	5269.980	-3.840	Pass
802.11ac (40MHz)	5310	5291.247	5328.557	5309.902	-18.500	Pass
802.11ac (80MHz)	5290	5251.673	5328.347	5290.010	1.890	Pass
802.11a (20MHz)	5260	5251.118	5268.922	5260.020	3.800	Pass
802.11a (20MHz)	5300	5290.964	5309.025	5299.995	-1.020	Pass
802.11a (20MHz)	5320	5311.229	5328.908	5320.068	12.840	Pass



U-NII-2c Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5500	5491.092	5508.908	5500.000	0.000	Pass
802.11n (20MHz)	5600	5591.092	5608.925	5600.008	1.490	Pass
802.11n (20MHz)	5700	5691.708	5708.308	5700.008	1.460	Pass
802.11n (40MHz)	5510	5491.820	5528.195	5510.008	1.360	Pass
802.11n (40MHz)	5590	5571.730	5608.285	5590.008	1.340	Pass
802.11n (40MHz)	5670	5651.805	5688.180	5669.993	-1.320	Pass
802.11ac (20MHz)	5500	5491.083	5508.908	5499.996	-0.760	Pass
802.11ac (20MHz)	5600	5591.108	5608.908	5600.008	1.490	Pass
802.11ac (20MHz)	5700	5691.092	5708.933	5700.013	2.190	Pass
802.11ac (40MHz)	5510	5491.745	5528.195	5509.970	-5.440	Pass
802.11ac (40MHz)	5590	5571.730	5608.255	5589.993	-1.340	Pass
802.11ac (40MHz)	5670	5651.805	5688.195	5670.000	0.000	Pass
802.11ac (80MHz)	5530	5491.500	5568.367	5529.933	-12.060	Pass
802.11ac (80MHz)	5610	5571.667	5648.367	5610.017	2.970	Pass
802.11a (20MHz)	5500	5491.717	5508.300	5500.008	1.520	Pass
802.11a (20MHz)	5600	5591.700	5608.317	5600.008	1.490	Pass
802.11a (20MHz)	5700	5691.700	5708.308	5700.004	0.730	Pass



U-NII-3 Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5745	5735.642	5754.217	5744.929	-12.330	Pass
802.11n (20MHz)	5785	5775.400	5794.483	5784.942	-10.080	Pass
802.11n (20MHz)	5825	5815.408	5834.467	5824.938	-10.730	Pass
802.11n (40MHz)	5755	5736.415	5773.615	5755.015	2.610	Pass
802.11n (40MHz)	5795	5776.520	5813.615	5795.068	11.650	Pass
802.11ac (20MHz)	5745	5735.675	5754.267	5744.971	-5.080	Pass
802.11ac (20MHz)	5785	5775.617	5794.442	5785.029	5.040	Pass
802.11ac (20MHz)	5825	5815.608	5834.433	5825.021	3.580	Pass
802.11ac (40MHz)	5755	5736.235	5773.585	5754.910	-15.640	Pass
802.11ac (40MHz)	5795	5776.490	5813.600	5795.045	7.770	Pass
802.11ac (80MHz)	5775	5736.467	5813.367	5774.917	-14.430	Pass
802.11a (20MHz)	5745	5736.208	5753.967	5745.088	15.230	Pass
802.11a (20MHz)	5785	5776.258	5793.833	5785.046	7.920	Pass
802.11a (20MHz)	5825	5815.958	5834.033	5824.996	-0.720	Pass

Note: The worst data reported only.

**\*\* END OF REPORT \*\***