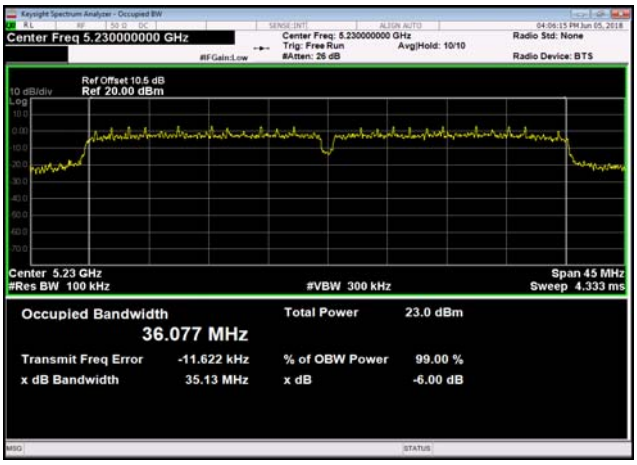
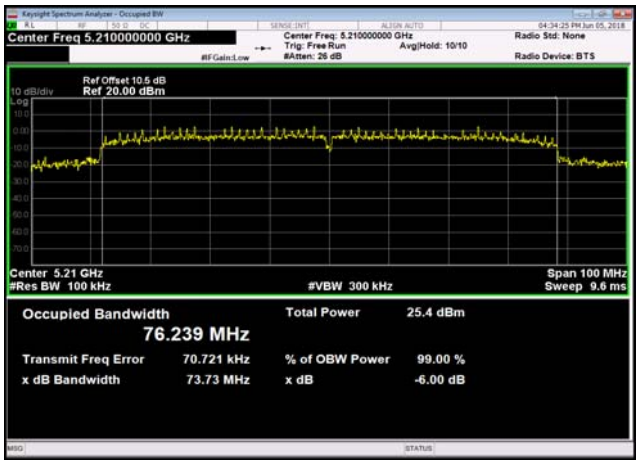
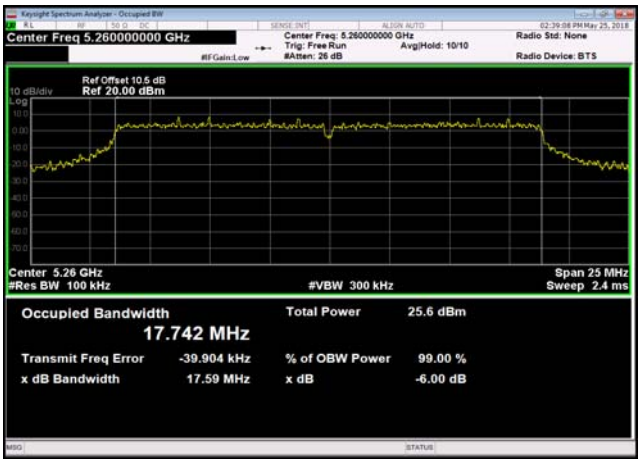
U-NII-1 6dB Bandwidth-802.11ac(40MHz) ,5230MHz



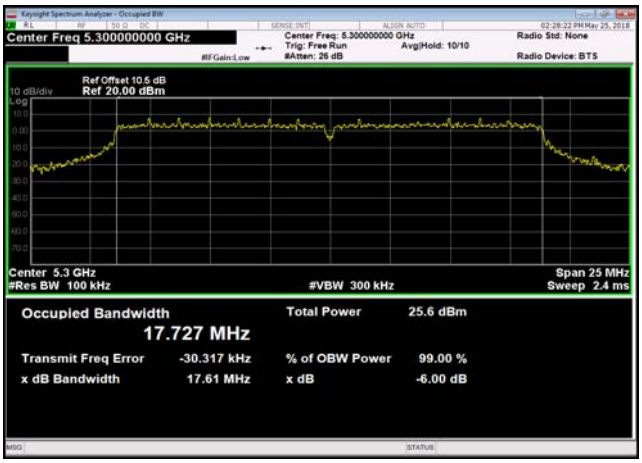
U-NII-1 6dB Bandwidth-802.11ac(80MHz) ,5210MHz



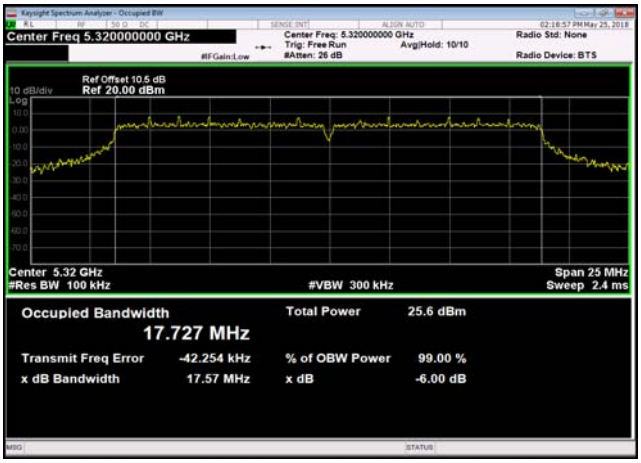
U-NII-2a,802.11n(20MHz),5260MHz



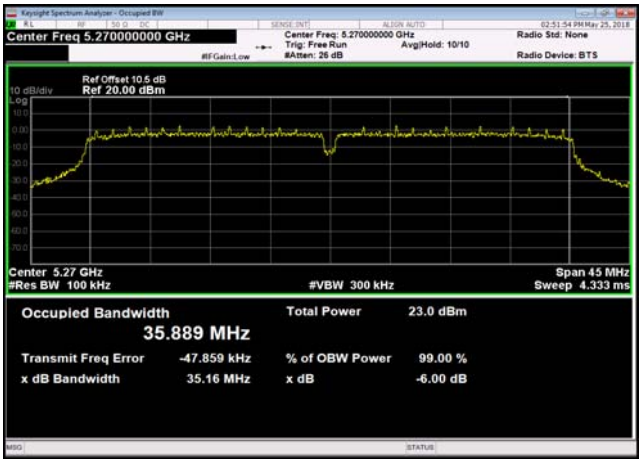
U-NII-2a,802.11n(20MHz),5300MHz



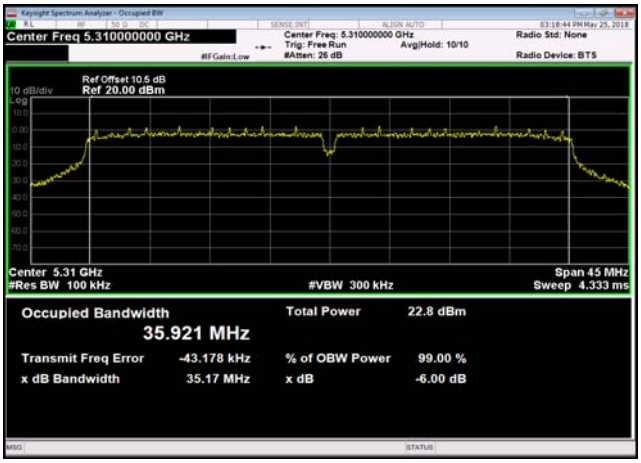
U-NII-2a,802.11n(20MHz),5320MHz



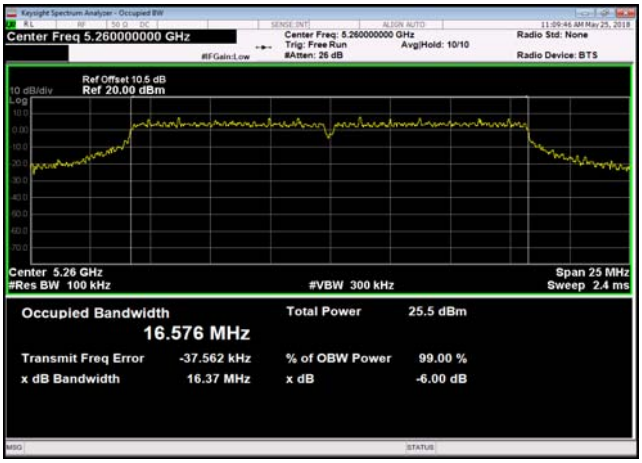
U-NII-2a,802.11n(40MHz),5270MHz



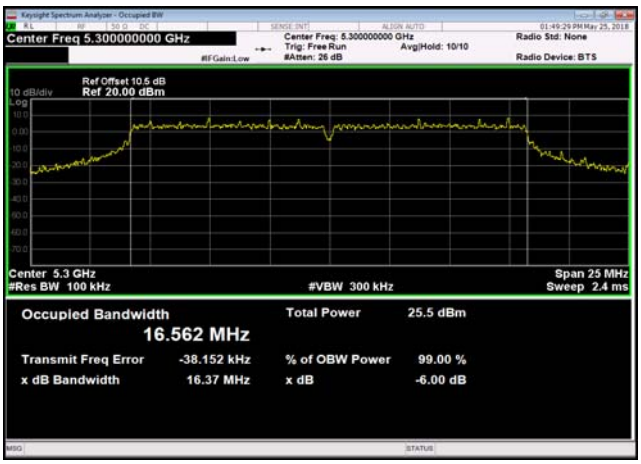
U-NII-2a,802.11n(40MHz),5310MHz



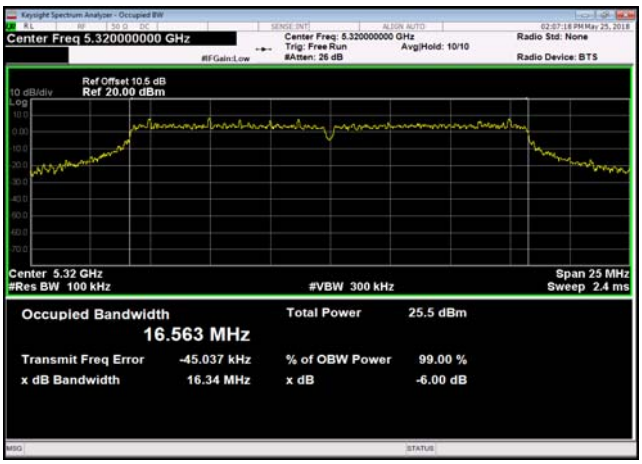
U-NII-2a,802.11a(20MHz),5260MHz



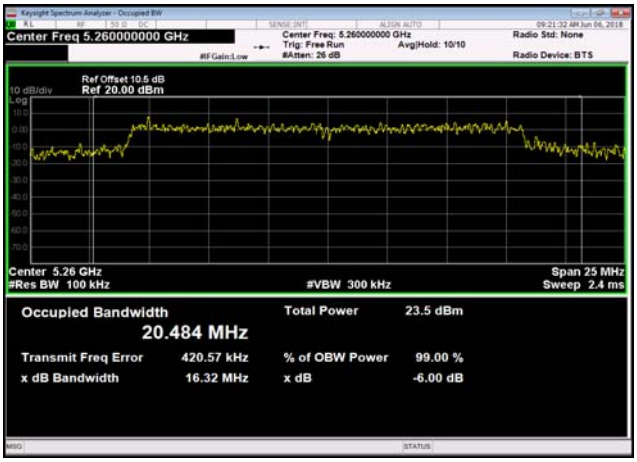
U-NII-2a,802.11a(20MHz),5300MHz



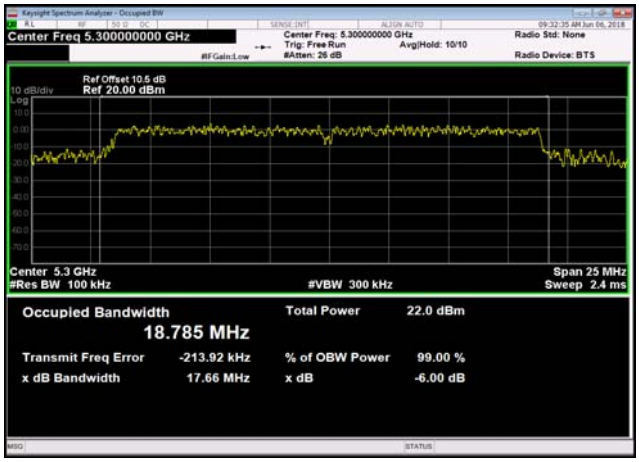
U-NII-2a,802.11a(20MHz),5320MHz



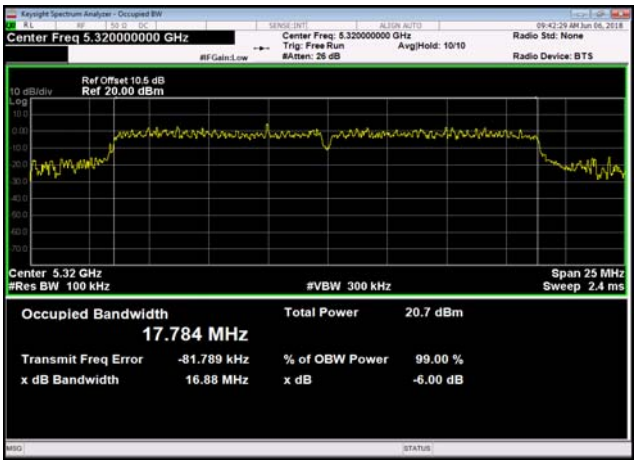
U-NII-2a 6dB Bandwidth-802.11ac(20MHz),5260MHz



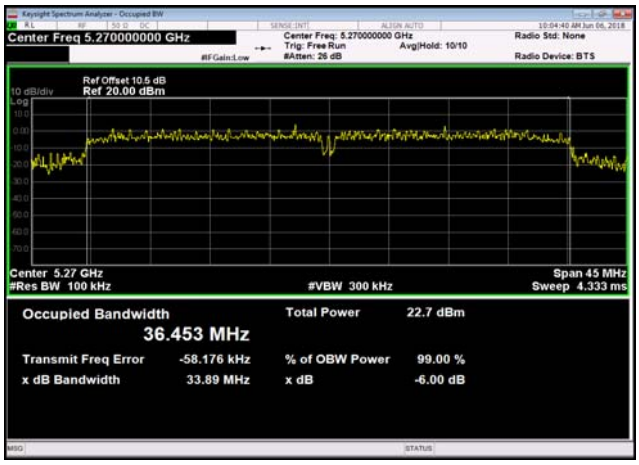
U-NII-2a 6dB Bandwidth-802.11ac(20MHz),5300MHz



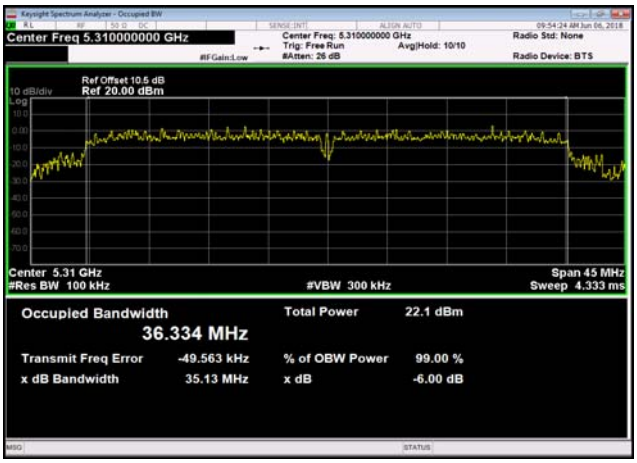
U-NII-2a 6dB Bandwidth-802.11ac(20MHz),5320MHz



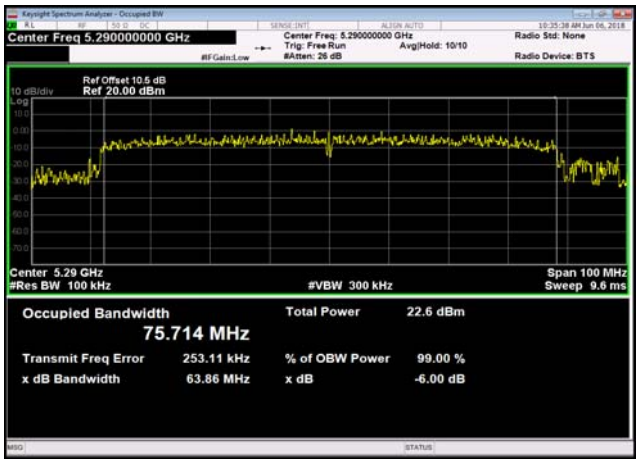
U-NII-2a 6dB Bandwidth-802.11ac(40MHz),5270MHz



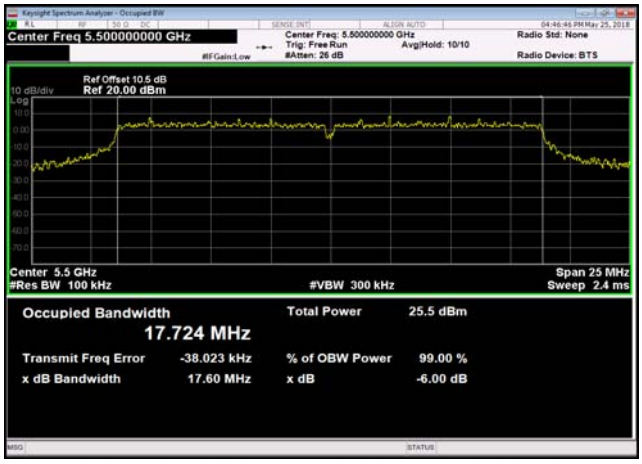
U-NII-2a 6dB Bandwidth-802.11ac(40MHz),5310MHz



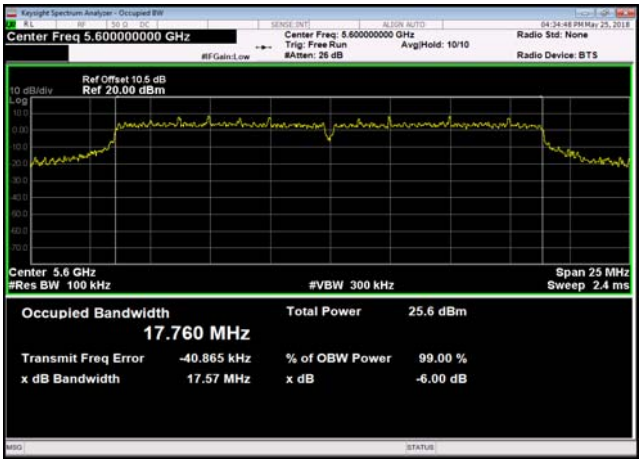
U-NII-2a 6dB Bandwidth-802.11ac(80MHz),5290MHz



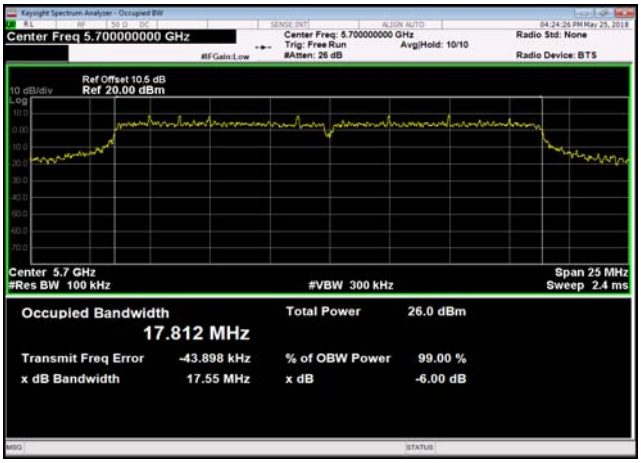
U-NII-2c,802.11n(20MHz),5500MHz



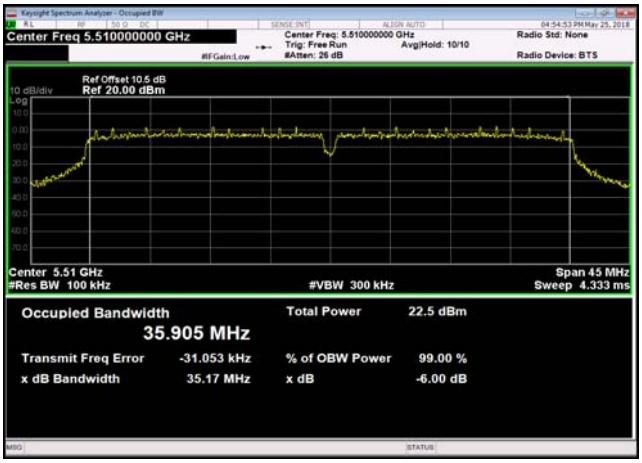
U-NII-2c,802.11n(20MHz),5600MHz



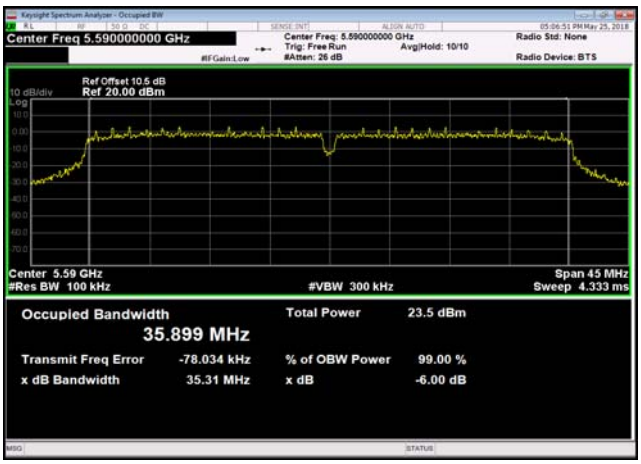
U-NII-2c,802.11n(20MHz),5700MHz



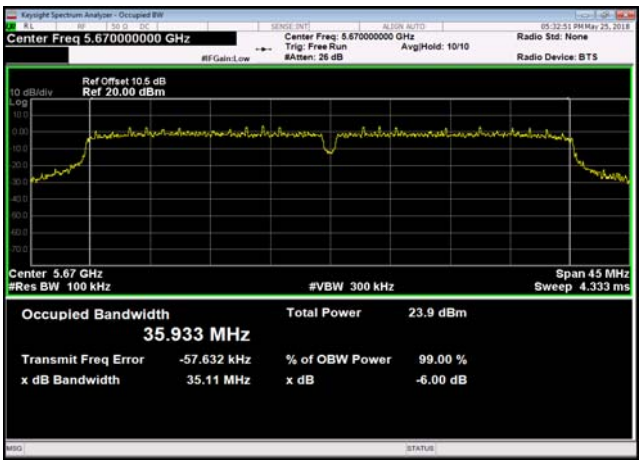
U-NII-2c,802.11n(40MHz),5510MHz



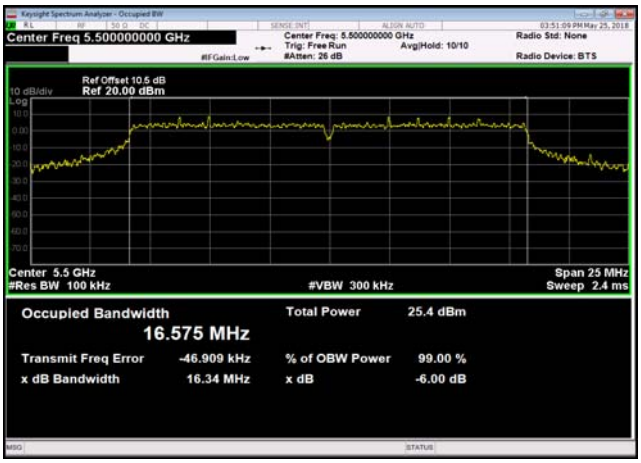
U-NII-2c,802.11n(40MHz),5590MHz



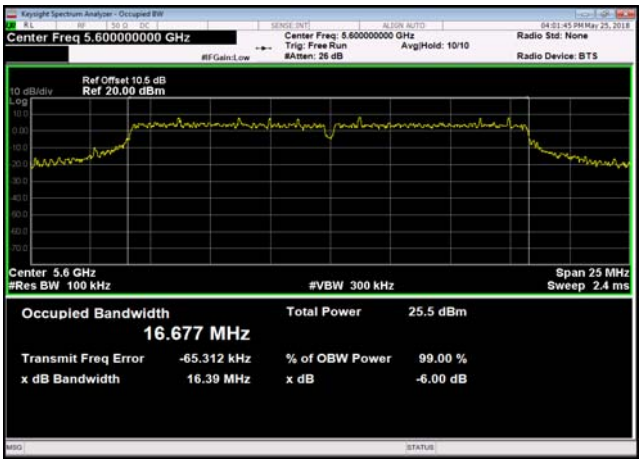
U-NII-2c,802.11n(40MHz),5670MHz



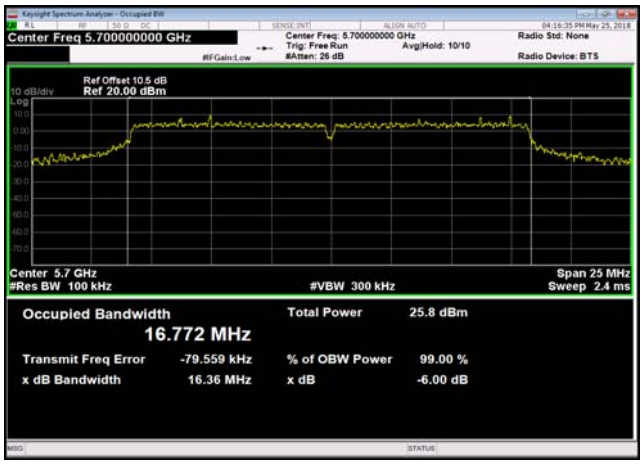
U-NII-2c,802.11a(20MHz),5500MHz



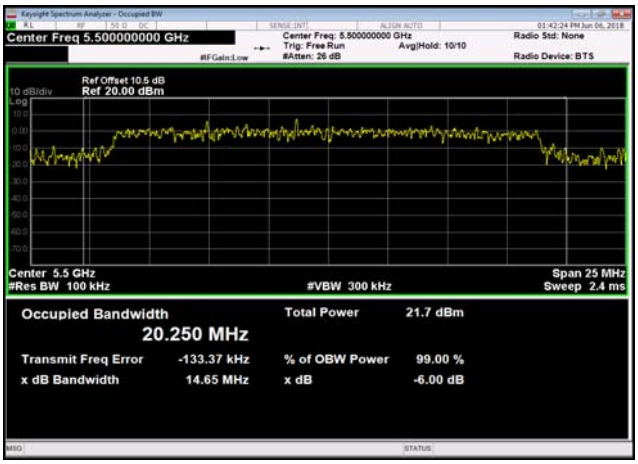
U-NII-2c,802.11a(20MHz),5600MHz



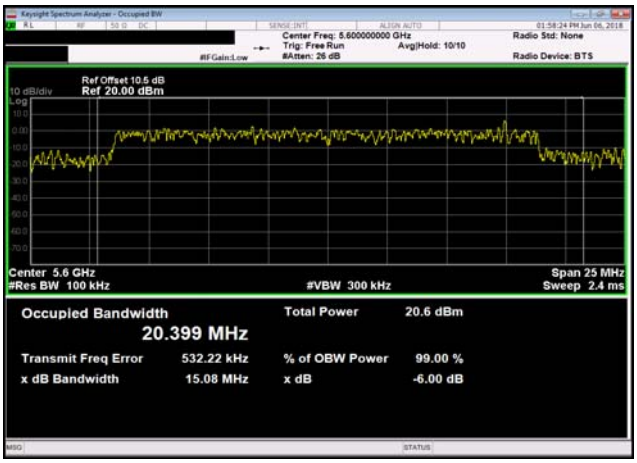
U-NII-2c,802.11a(20MHz),5700MHz



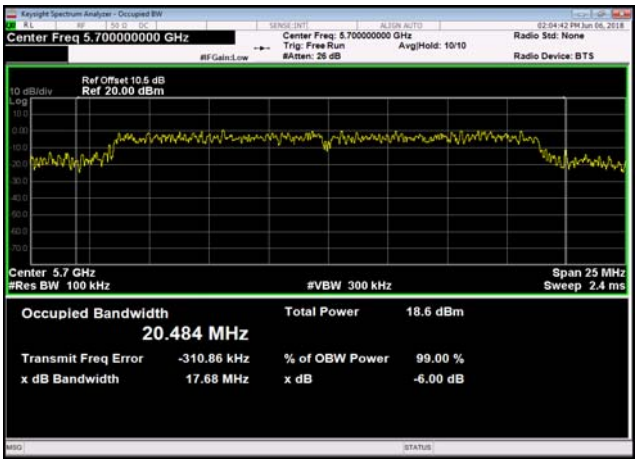
U-NII-2c 6dB Bandwidth-802.11ac(20MHz),5500MHz



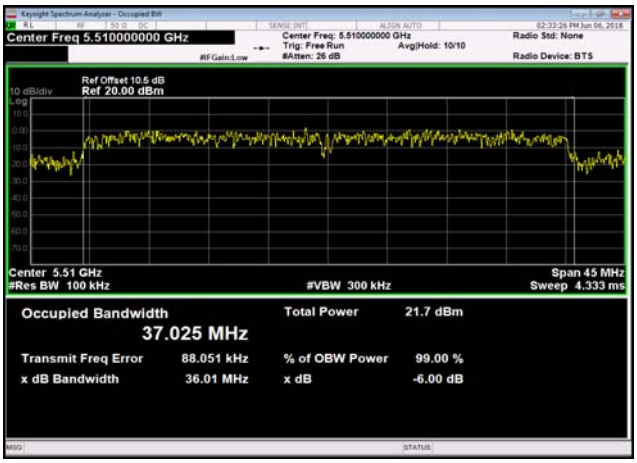
U-NII-2c 6dB Bandwidth-802.11ac(20MHz),5600MHz



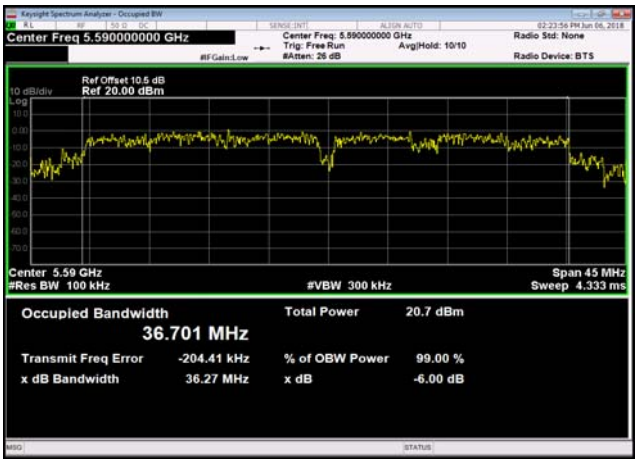
U-NII-2c 6dB Bandwidth-802.11ac(20MHz),5700MHz

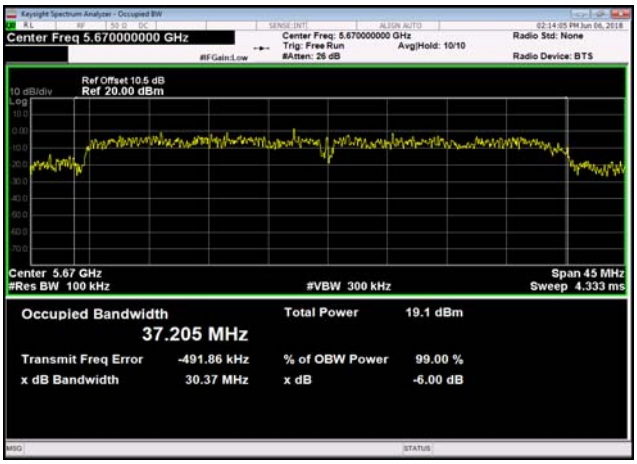
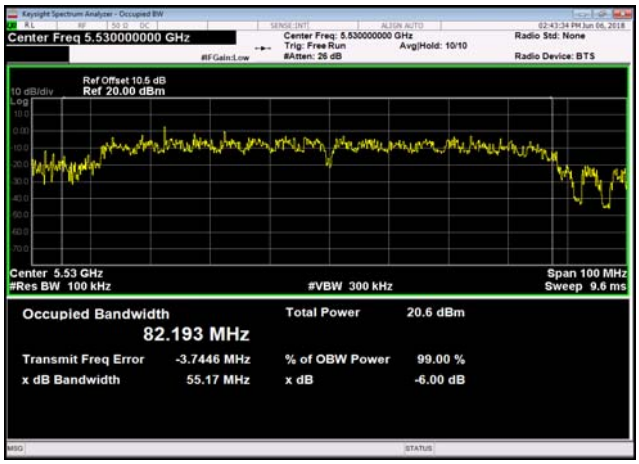
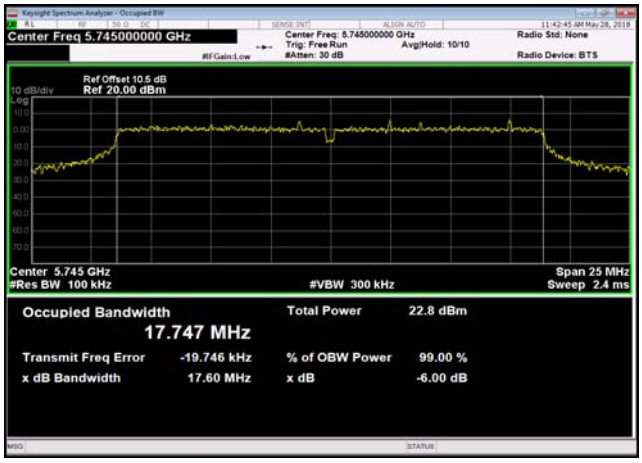
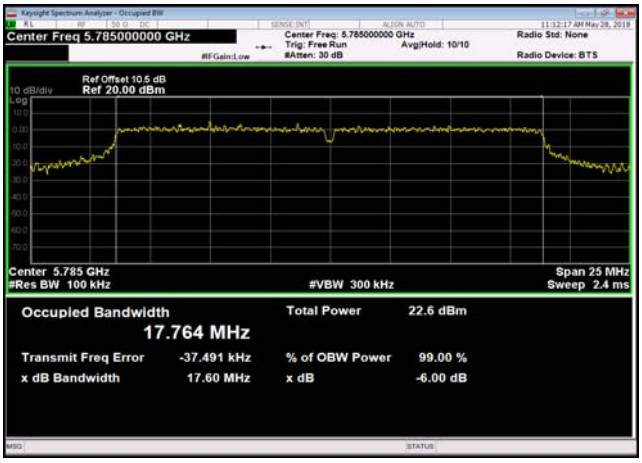


U-NII-2c 6dB Bandwidth-802.11ac(40MHz),5510MHz

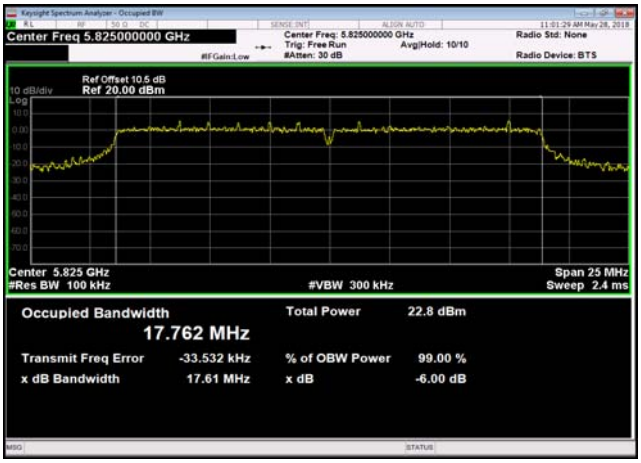


U-NII-2c 6dB Bandwidth-802.11ac(40MHz),5590MHz

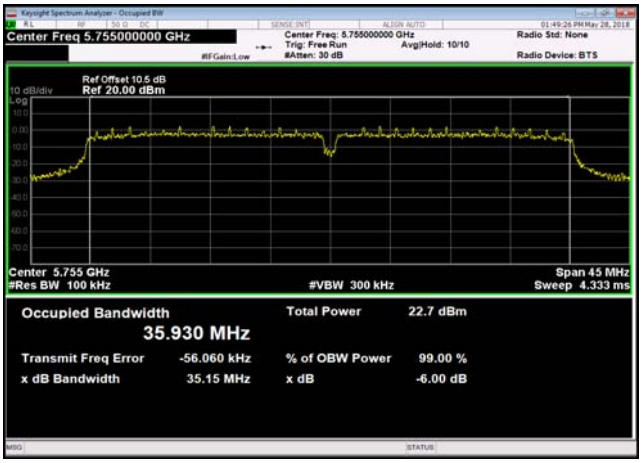


U-NII-2c 6dB Bandwidth-802.11ac(40MHz),5670MHz	U-NII-2c 6dB Bandwidth-802.11ac(80MHz),5530MHz
	
U-NII-3,802.11n(20MHz),5745MHz	U-NII-3,802.11n(20MHz),5785MHz
	

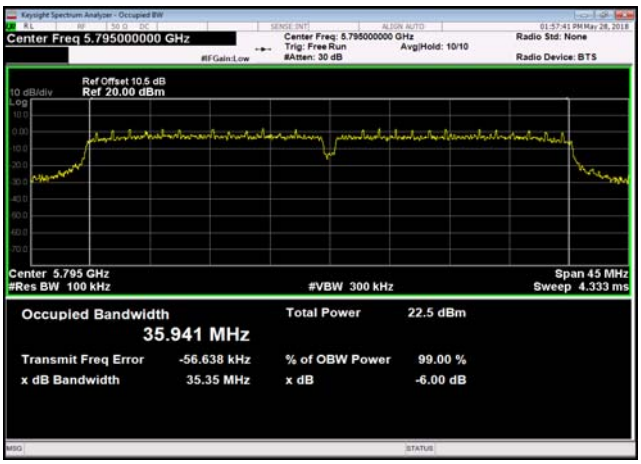
U-NII-3,802.11n(20MHz),5825MHz



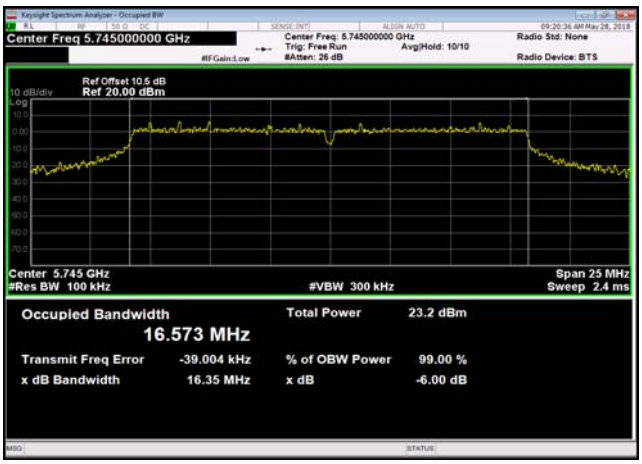
U-NII-3,802.11n(40MHz),5755MHz



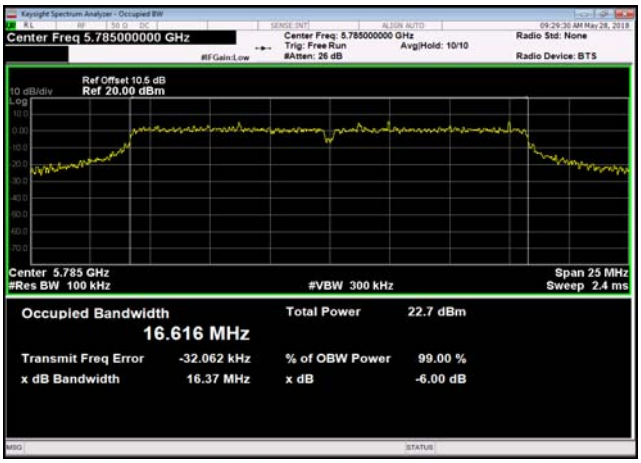
U-NII-3,802.11n(40MHz),5795MHz



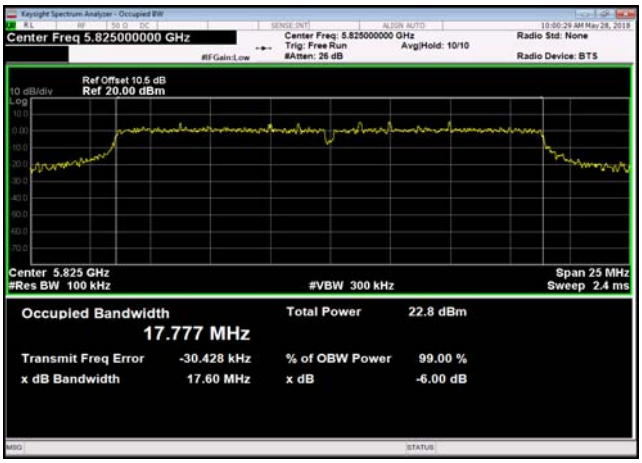
U-NII-3,802.11a(20MHz),5745MHz



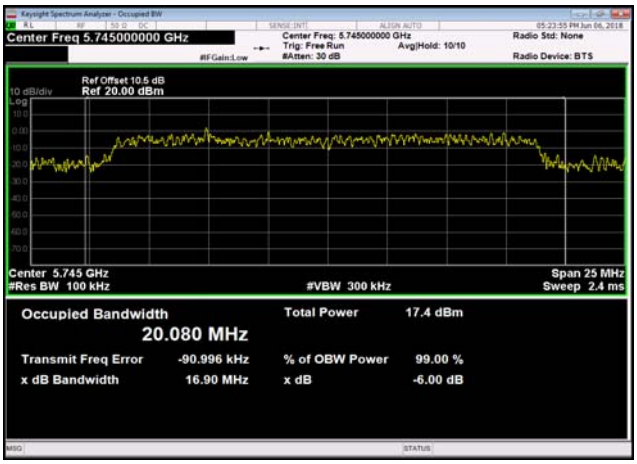
U-NII-3,802.11a(20MHz),5785MHz



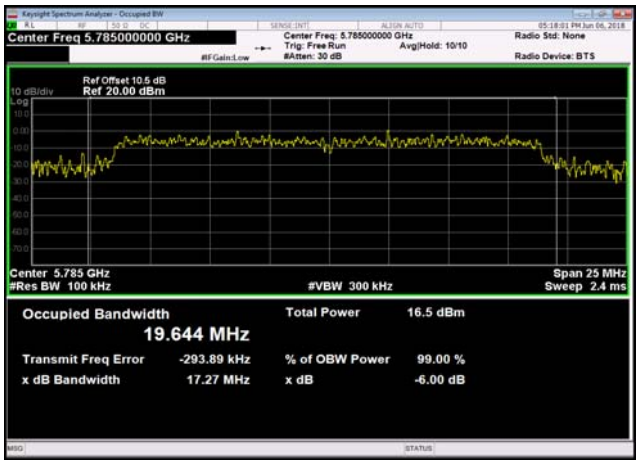
U-NII-3,802.11a(20MHz),5825MHz



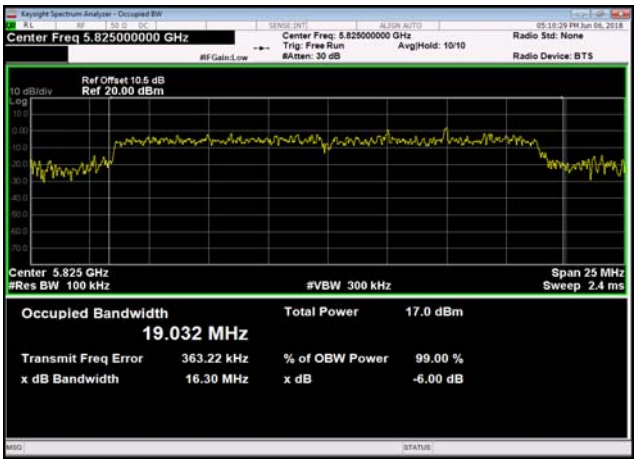
U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5745MHz



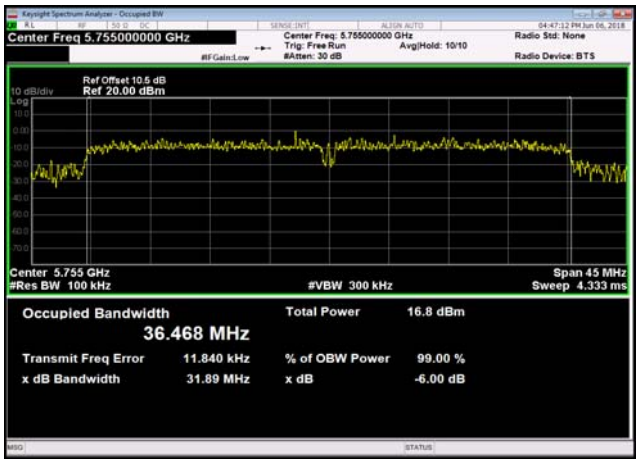
U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5785MHz



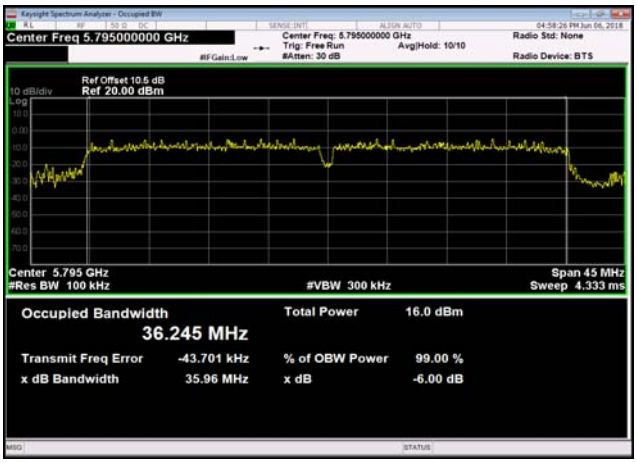
U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5825MHz



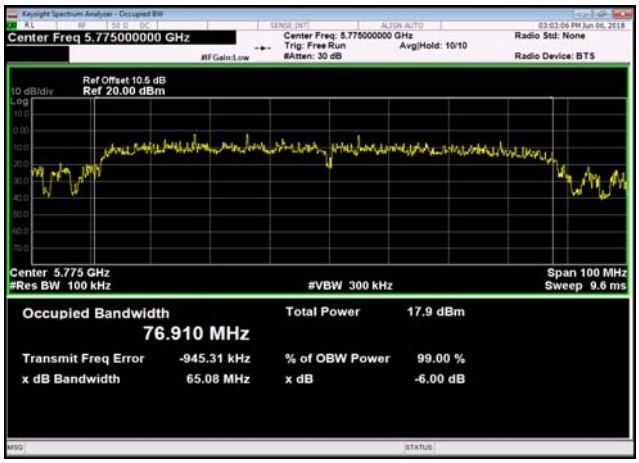
U-NII-3 6dB Bandwidth-802.11ac(40MHz) ,5755MHz



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



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



26dB Down Bandwidth

Test Result and Data

U-NII-1 26dB Occupied Bandwidth			
Mode	Test Frequency (MHz)	26dB Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	22.91	Pass
802.11n (20MHz)	5220	21.70	Pass
802.11n (20MHz)	5240	22.11	Pass
802.11n (40MHz)	5190	38.73	Pass
802.11n (40MHz)	5230	38.93	Pass
802.11a (20MHz)	5180	21.90	Pass
802.11a (20MHz)	5220	21.61	Pass
802.11a (20MHz)	5240	21.23	Pass
802.11ac (20MHz)	5180	24.85	Pass
802.11ac (20MHz)	5220	24.69	Pass
802.11ac (20MHz)	5240	23.77	Pass
802.11ac (40MHz)	5190	45	Pass
802.11ac (40MHz)	5230	45	Pass
802.11ac (80MHz)	5210	100	Pass

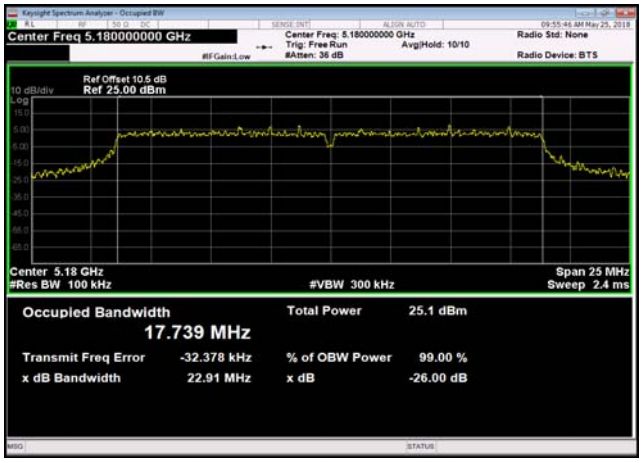
U-NII-2a 26dB Occupied Bandwidth			
Mode	Test Frequency (MHz)	26dB Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5260	22.56	Pass
802.11n (20MHz)	5300	21.35	Pass
802.11n (20MHz)	5320	21.88	Pass
802.11n (40MHz)	5270	39.37	Pass
802.11n (40MHz)	5310	38.98	Pass
802.11a (20MHz)	5260	21.93	Pass
802.11a (20MHz)	5300	21.97	Pass
802.11a (20MHz)	5320	22.56	Pass
802.11ac (20MHz)	5260	25.00	Pass
802.11ac (20MHz)	5300	24.94	Pass
802.11ac (20MHz)	5320	25.00	Pass
802.11ac (40MHz)	5270	45.00	Pass
802.11ac (40MHz)	5310	45.00	Pass
802.11ac (80MHz)	5290	98.81	Pass

U-NII-2c 26dB Occupied Bandwidth			
Mode	Test Frequency (MHz)	26dB Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5500	22.30	Pass
802.11n (20MHz)	5600	23.32	Pass
802.11n (20MHz)	5700	25.00	Pass
802.11n (40MHz)	5510	39.78	Pass
802.11n (40MHz)	5590	39.05	Pass
802.11n (40MHz)	5670	39.29	Pass
802.11a (20MHz)	5500	21.93	Pass
802.11a (20MHz)	5600	24.50	Pass
802.11a (20MHz)	5700	24.61	Pass
802.11ac (20MHz)	5500	25.00	Pass
802.11ac (20MHz)	5600	25.00	Pass
802.11ac (20MHz)	5700	25.00	Pass
802.11ac (40MHz)	5510	45.00	Pass
802.11ac (40MHz)	5590	45.00	Pass
802.11ac (40MHz)	5670	45.00	Pass
802.11ac (80MHz)	5530	97.49	Pass

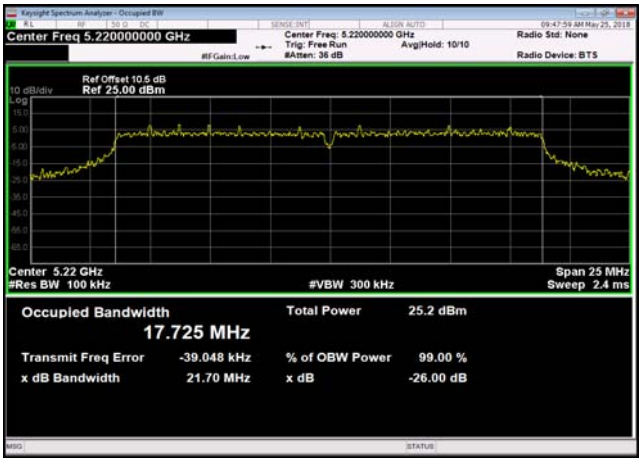
U-NII-3 26dB Occupied Bandwidth			
Mode	Test Frequency (MHz)	26dB Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5745	23.12	Pass
802.11n (20MHz)	5785	24.48	Pass
802.11n (20MHz)	5825	23.82	Pass
802.11n (40MHz)	5755	42.01	Pass
802.11n (40MHz)	5795	40.01	Pass
802.11a (20MHz)	5745	23.54	Pass
802.11a (20MHz)	5785	24.17	Pass
802.11a (20MHz)	5825	24.61	Pass
802.11ac (20MHz)	5745	25.00	Pass
802.11ac (20MHz)	5785	25.00	Pass
802.11ac (20MHz)	5825	25.00	Pass
802.11ac (40MHz)	5755	45.00	Pass
802.11ac (40MHz)	5795	45.00	Pass
802.11ac (80MHz)	5775	99.38	Pass

Test plot

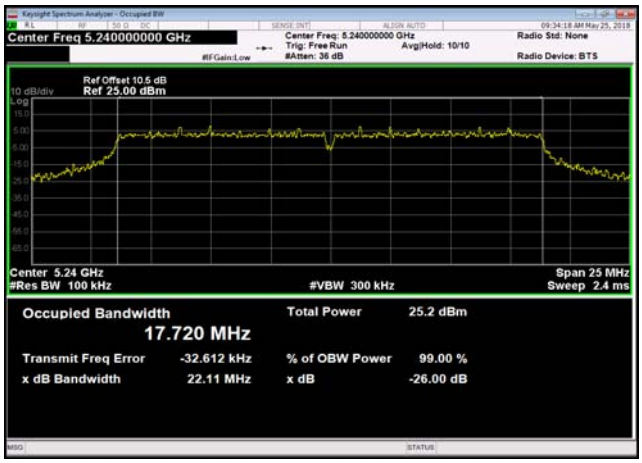
U-NII-1,802.11n(20MHz),5180MHz



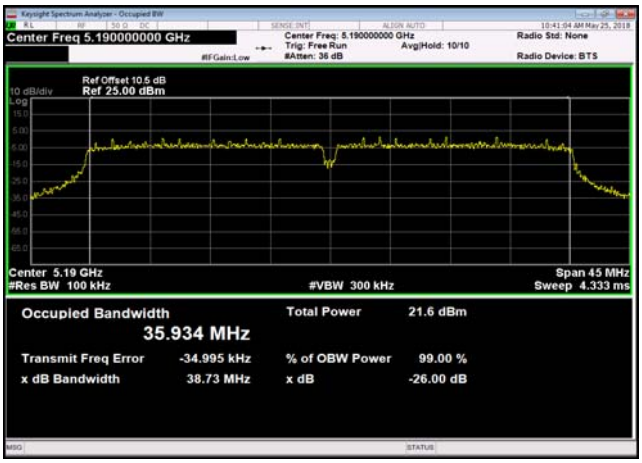
U-NII-1,802.11n(20MHz),5220MHz



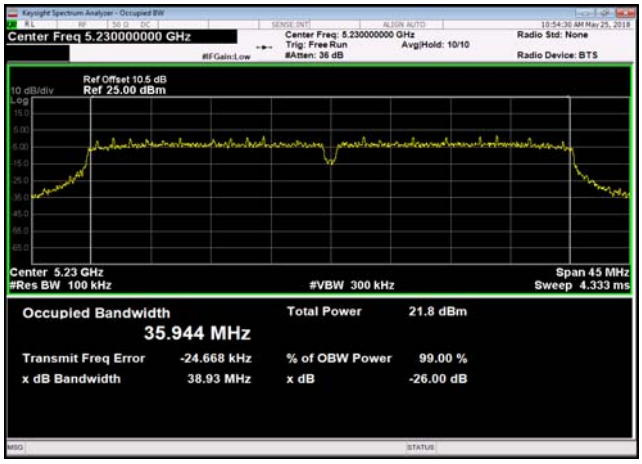
U-NII-1,802.11n(20MHz),5240MHz



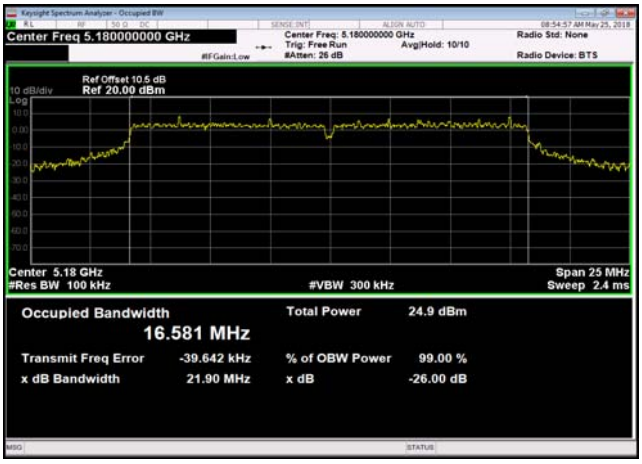
U-NII-1,802.11n(40MHz),5190MHz



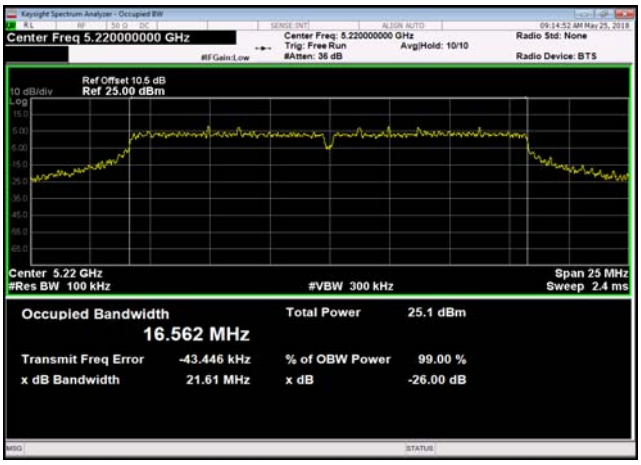
U-NII-1,802.11n(40MHz),5230MHz



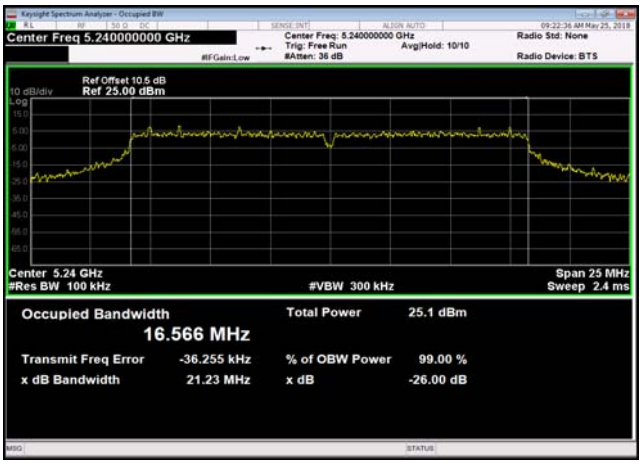
U-NII-1,802.11a(20MHz),5180MHz



U-NII-1 26dB Bandwidth
802.11a(20MHz),5220MHz



U-NII-1 26dB Bandwidth
802.11a(20MHz),,5240MHz



U-NII-1 26dB Bandwidth-802.11ac(20MHz)
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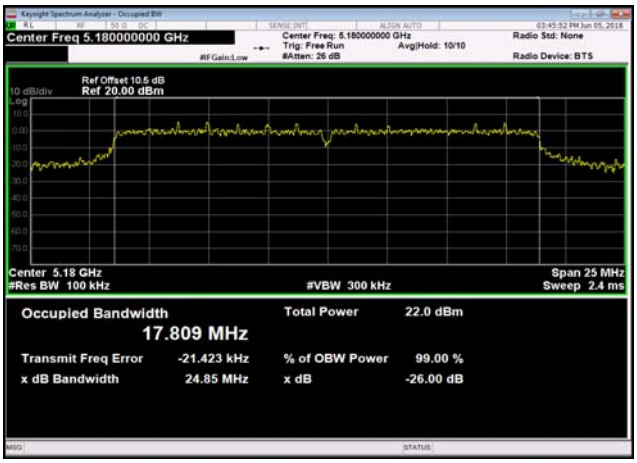
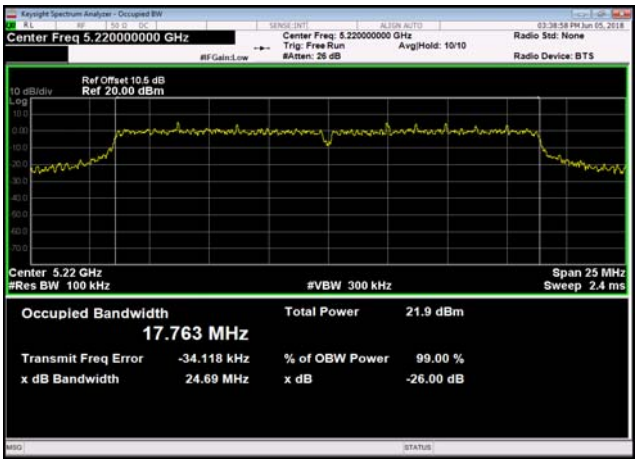
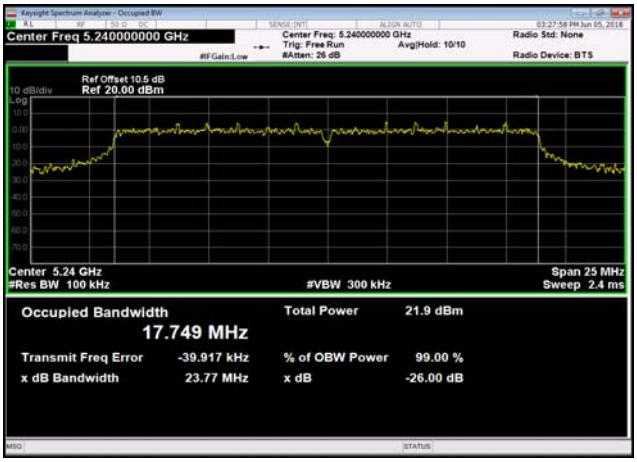


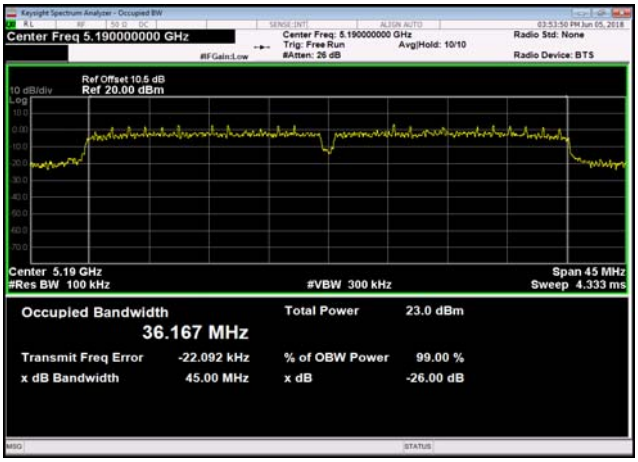
U-NII-1 26dB Bandwidth-802.11ac(20MHz)
,5220MHz



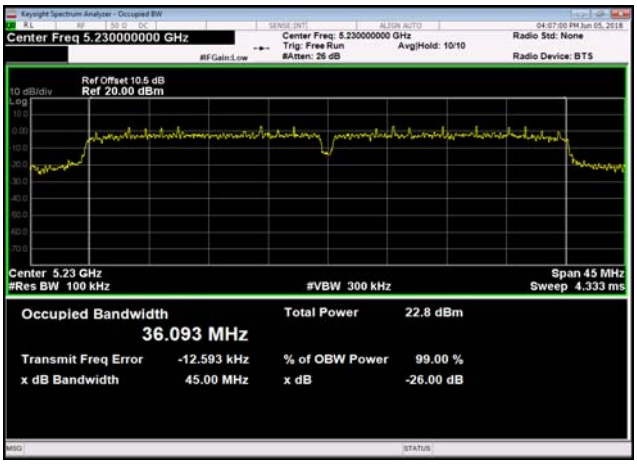
U-NII-1 26dB Bandwidth -802.11ac(20MHz)
,5240MHz



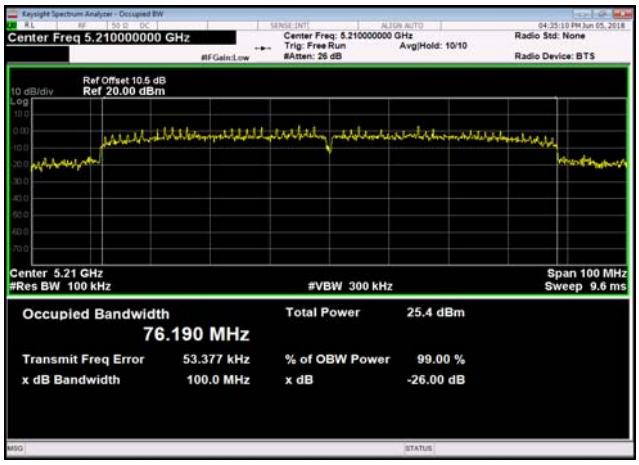
U-NII-1 26dB Bandwidth -802.11ac(40MHz)
,5190MHz



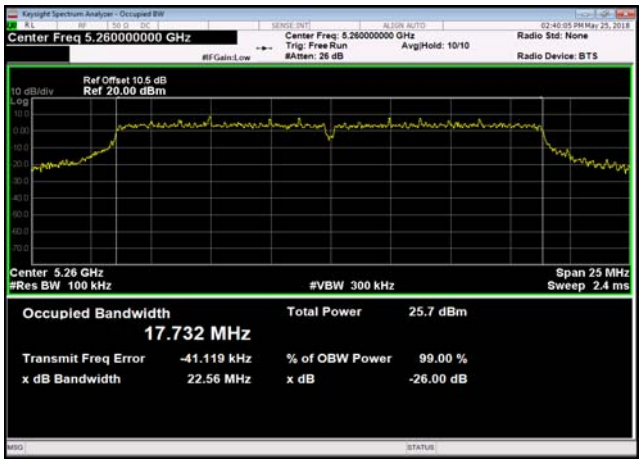
U-NII-1, 802.11ac(40MHz) ,5230MHz



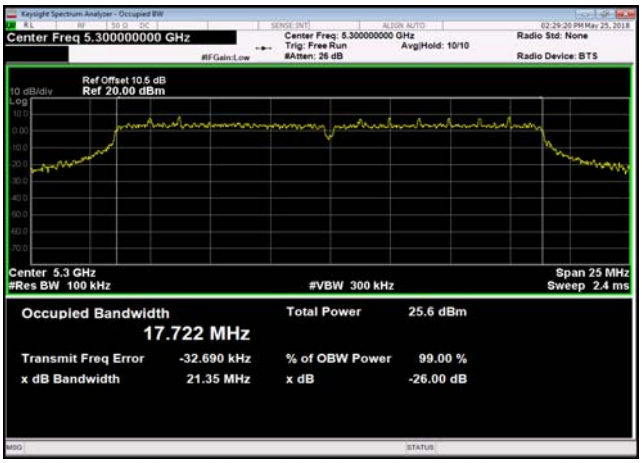
U-NII-1, 802.11ac(80MHz) ,5210MHz



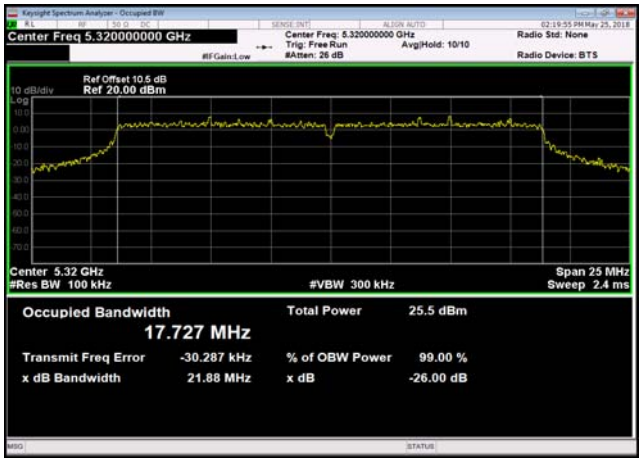
U-NII-2a, 802.11n(20MHz),5260MHz



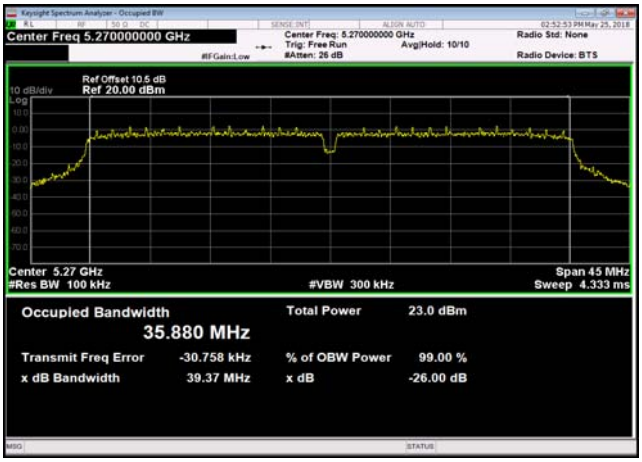
U-NII-2a, 802.11n(20MHz),5300MHz



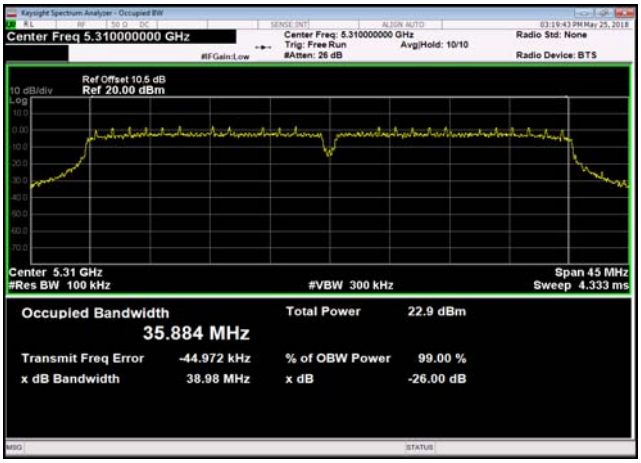
U-NII-2a,802.11n(20MHz),5320MHz



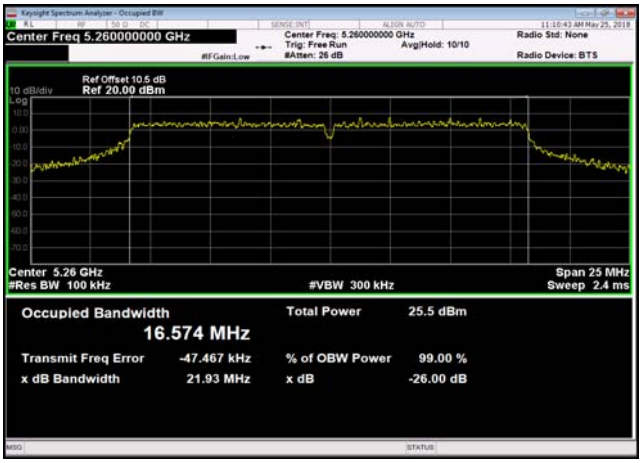
U-NII-2a,802.11n(40MHz),5270MHz



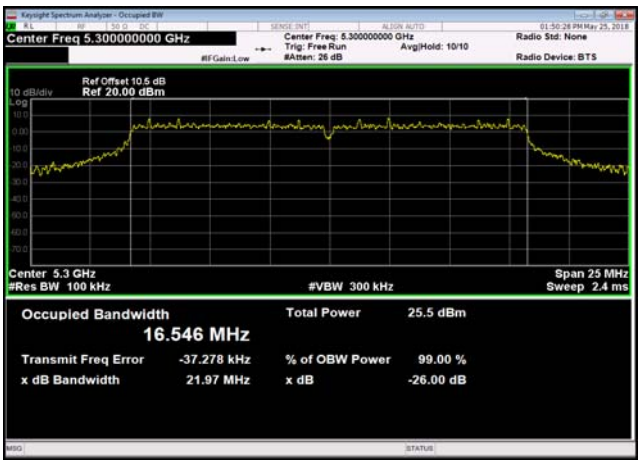
U-NII-2a,802.11n(40MHz),5310MHz



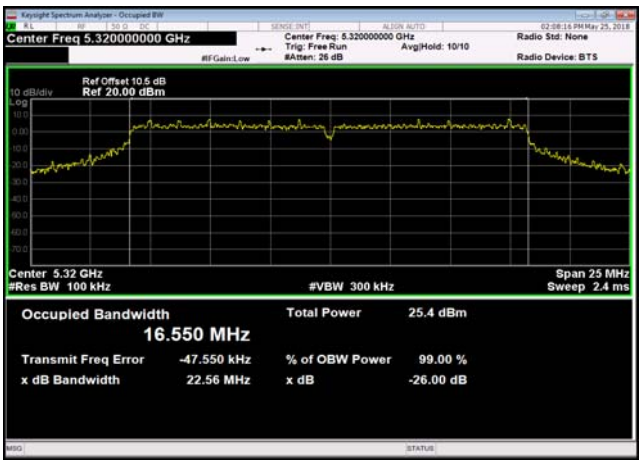
U-NII-2a,802.11a(20MHz),5260MHz



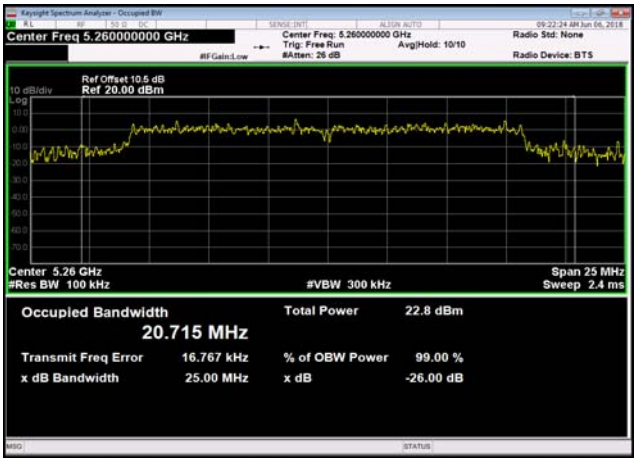
U-NII-2a,802.11a(20MHz),5300MHz



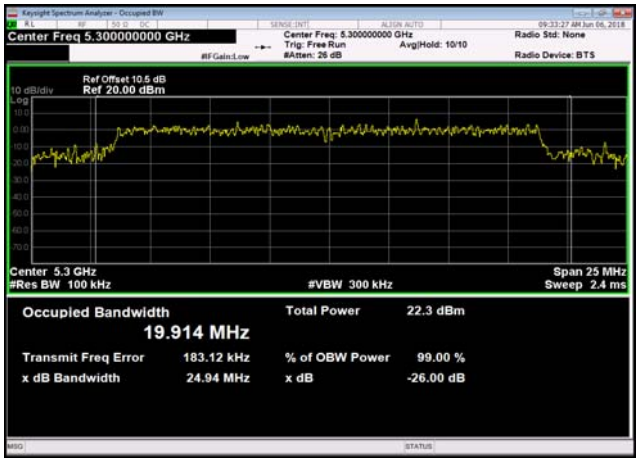
U-NII-2a,802.11a(20MHz),5320MHz



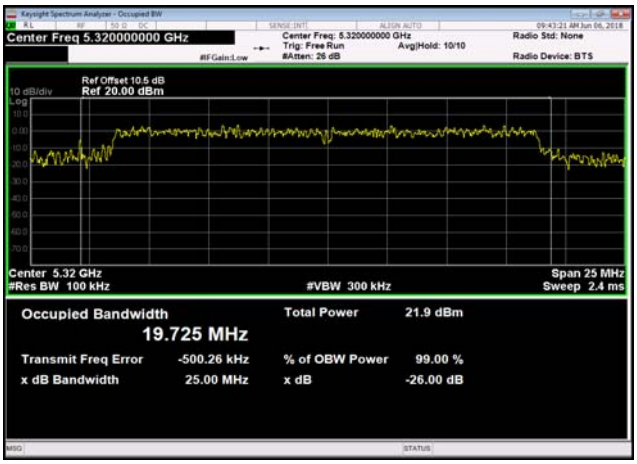
U-NII-2a -802.11ac(20MHz),5260MHz



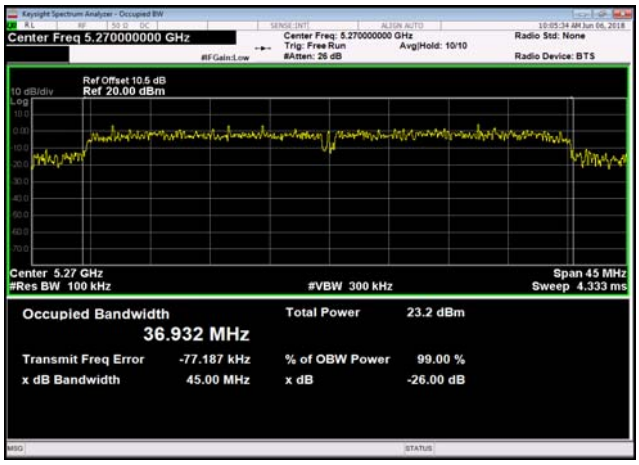
U-NII-2a -802.11ac(20MHz),5300MHz



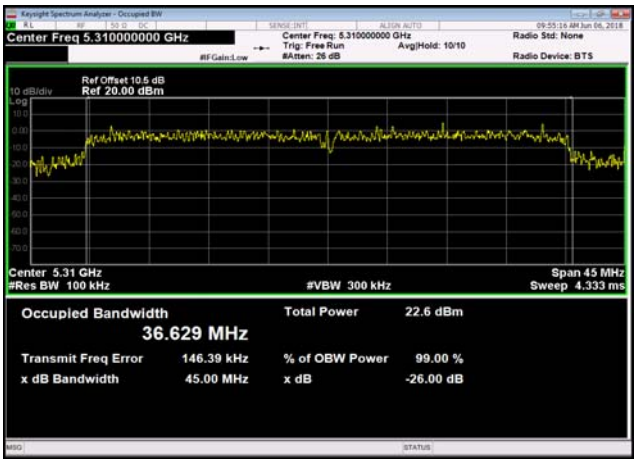
U-NII-2a -802.11ac(20MHz),5320MHz



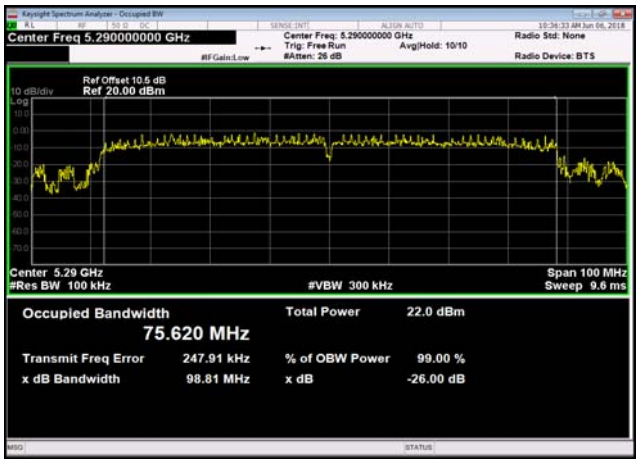
U-NII-2a -802.11ac(40MHz),5270MHz



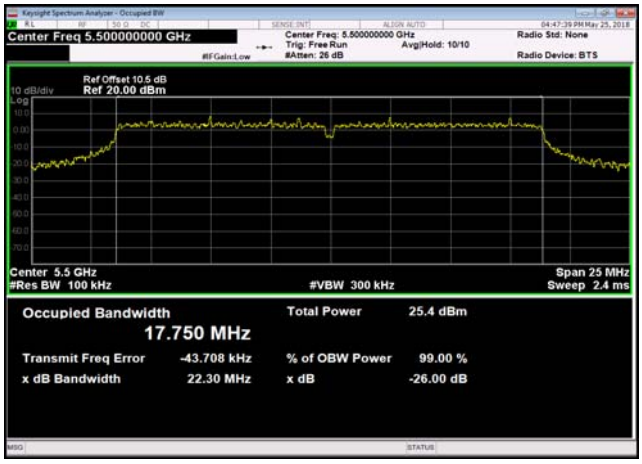
U-NII-2a -802.11ac(40MHz),5310MHz



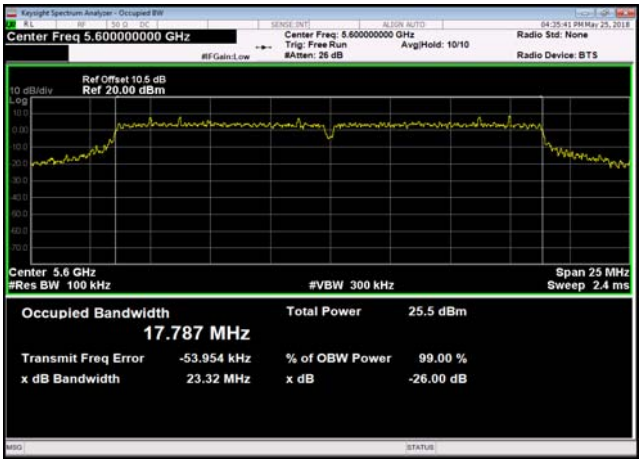
U-NII-2a -802.11ac(80MHz),5290MHz



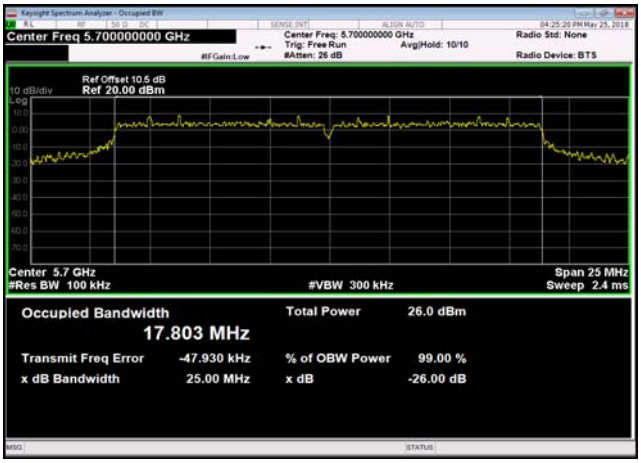
U-NII-2c,802.11n(20MHz),5500MHz



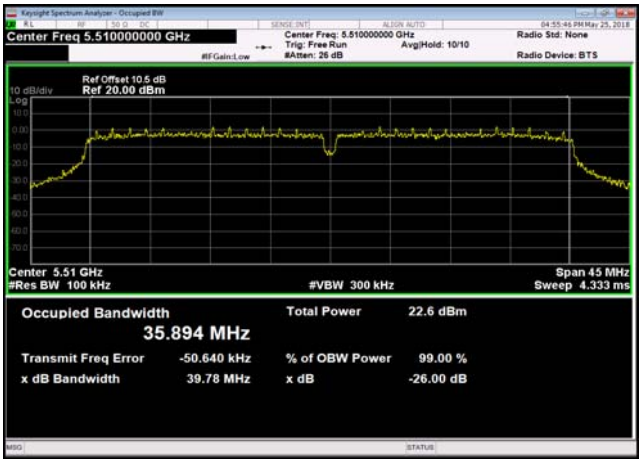
U-NII-2c,802.11n(20MHz),5600MHz



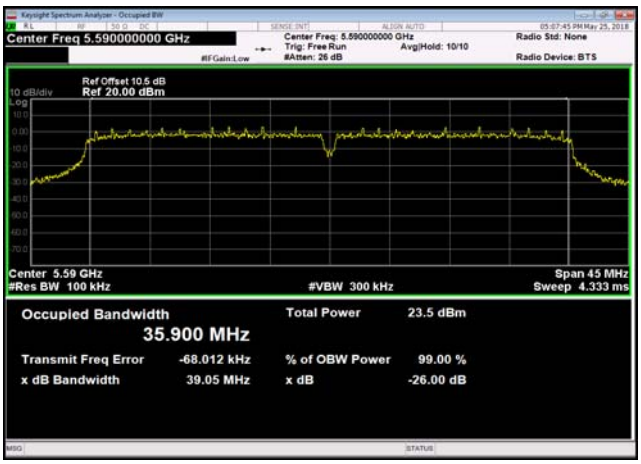
U-NII-2c,802.11n(20MHz),5700MHz



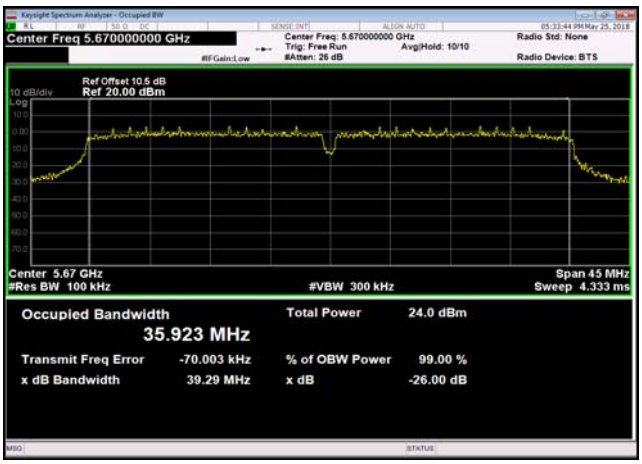
U-NII-2c,802.11n(40MHz),5510MHz



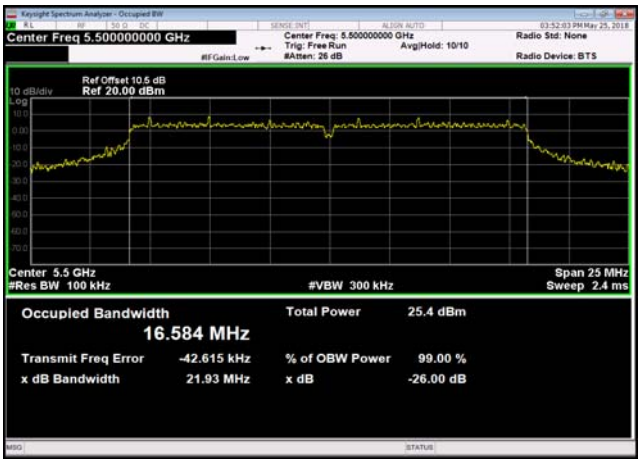
U-NII-2c,802.11n(40MHz),5590MHz



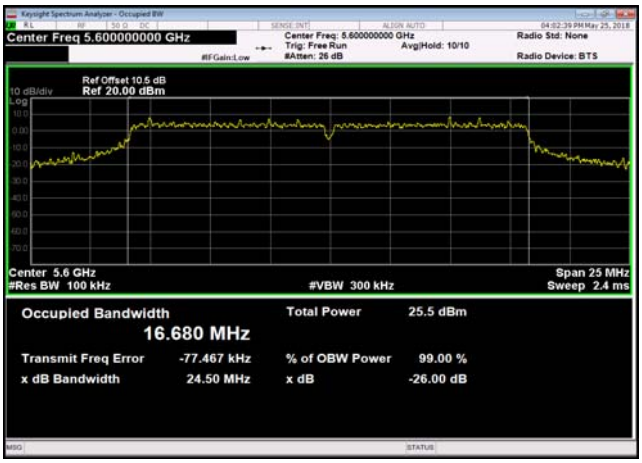
U-NII-2c,802.11n(40MHz),5670MHz



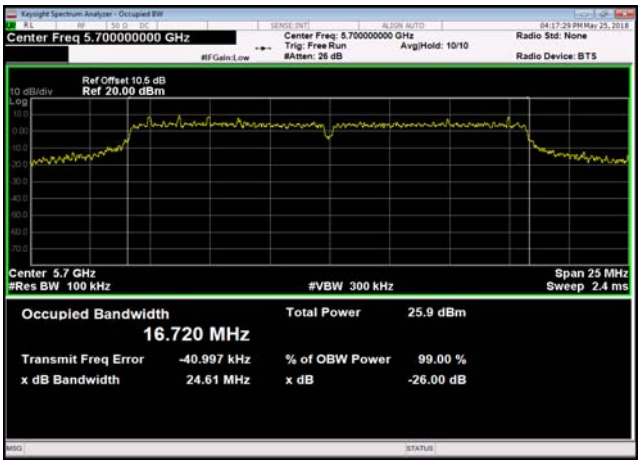
U-NII-2c,802.11a(20MHz),5500MHz



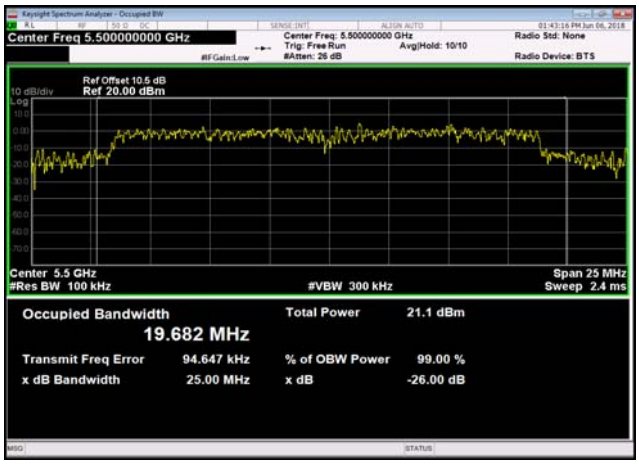
U-NII-2c,802.11a(20MHz),5600MHz



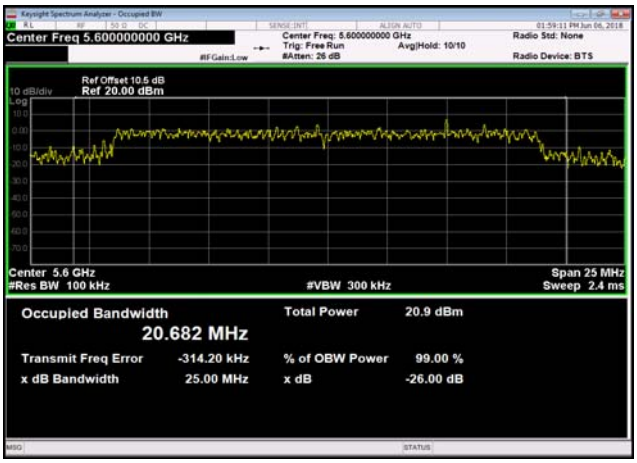
U-NII-2c,802.11a(20MHz),5700MHz



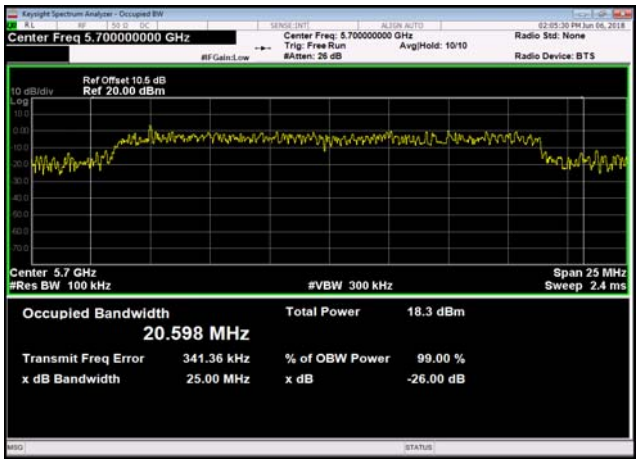
U-NII-2c -802.11ac(20MHz),5500MHz



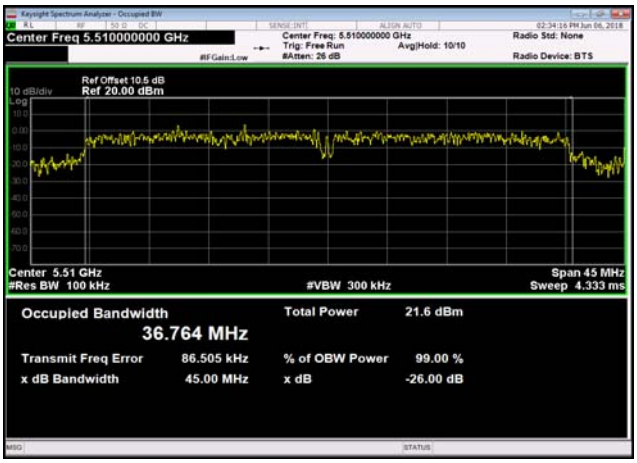
U-NII-2c -802.11ac(20MHz),5600MHz



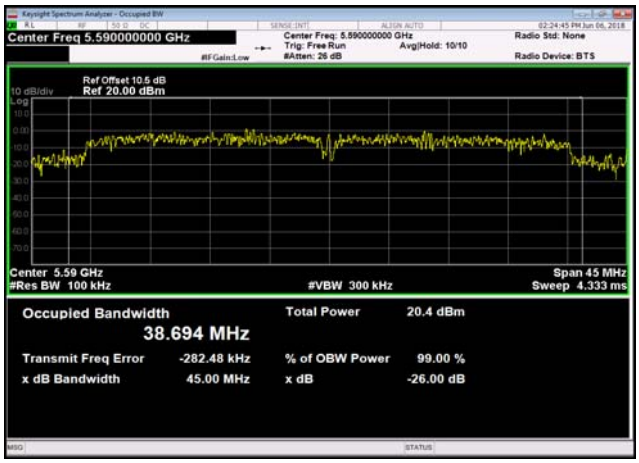
U-NII-2c -802.11ac(20MHz),5700MHz



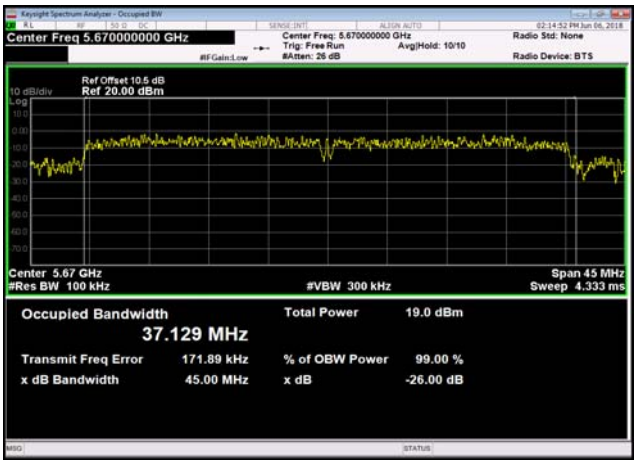
U-NII-2c -802.11ac(40MHz),5510MHz



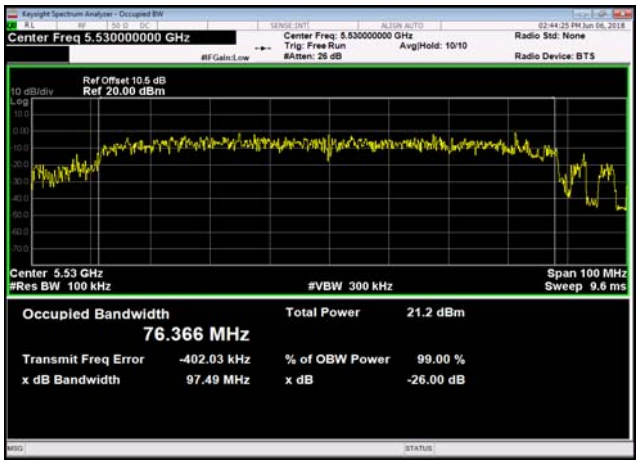
U-NII-2c -802.11ac(40MHz),5590MHz



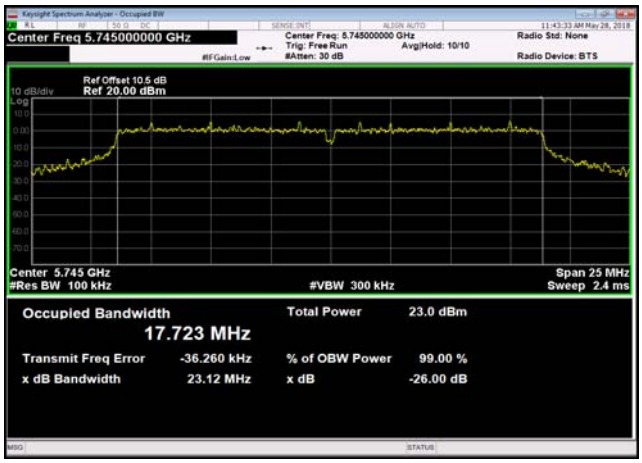
U-NII-2c -802.11ac(40MHz),5670MHz



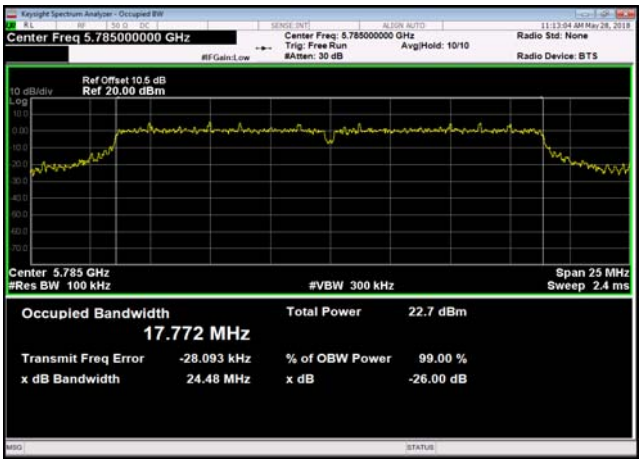
U-NII-2c -802.11ac(80MHz),5530MHz



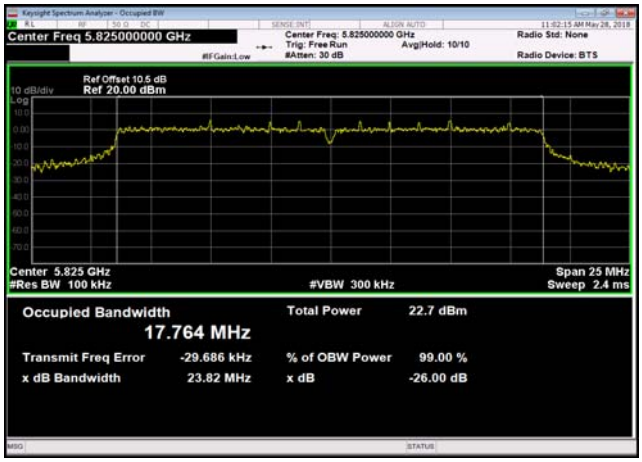
U-NII-3,802.11n(20MHz),5745MHz



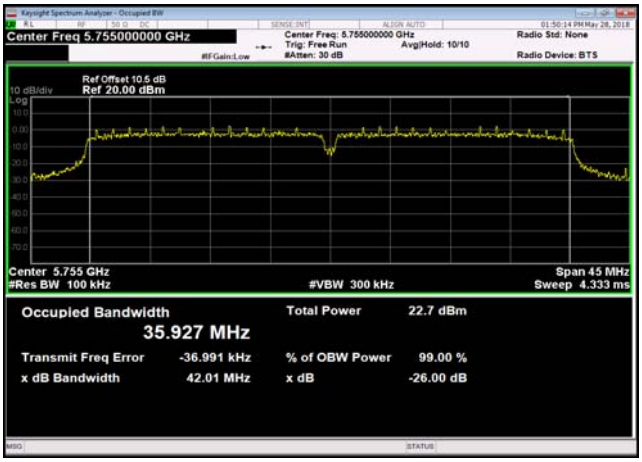
U-NII-3,802.11n(20MHz),5785MHz



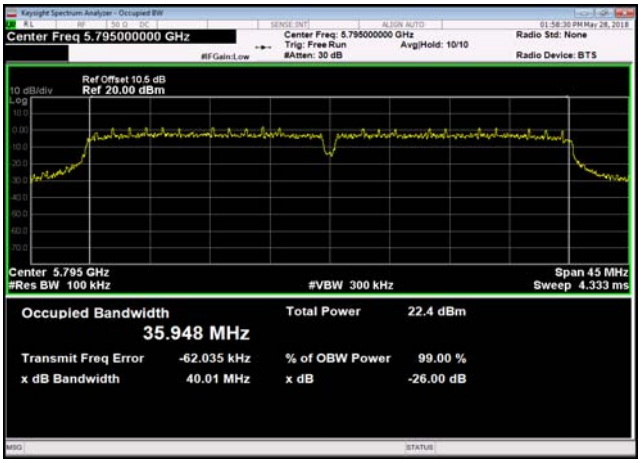
U-NII-3,802.11n(20MHz),5825MHz



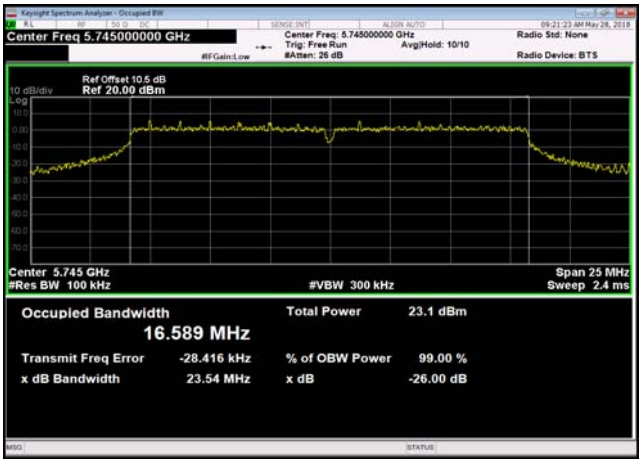
U-NII-3,802.11n(40MHz),5755MHz



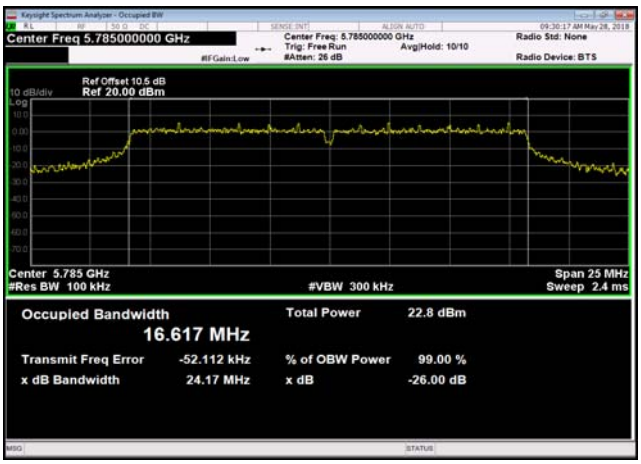
U-NII-3,802.11n(40MHz),5795MHz



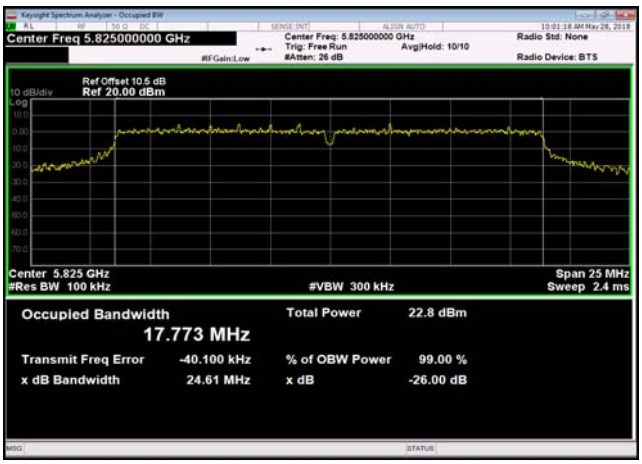
U-NII-3,802.11a(20MHz),5745MHz



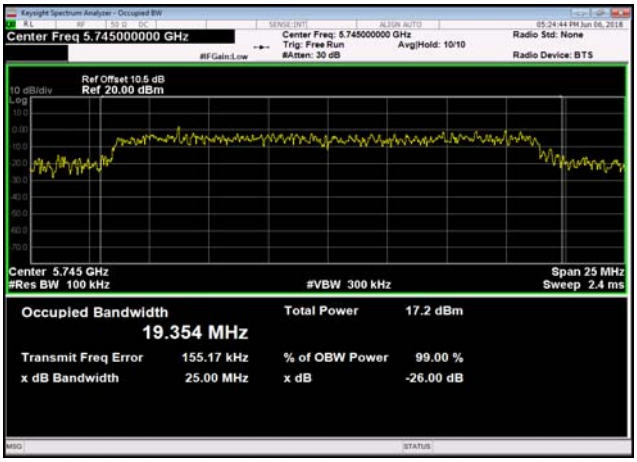
U-NII-3,802.11a(20MHz),5785MHz



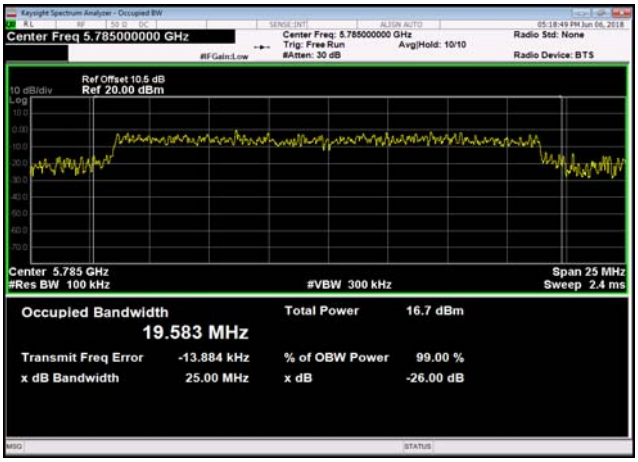
U-NII-3,802.11a(20MHz),5825MHz

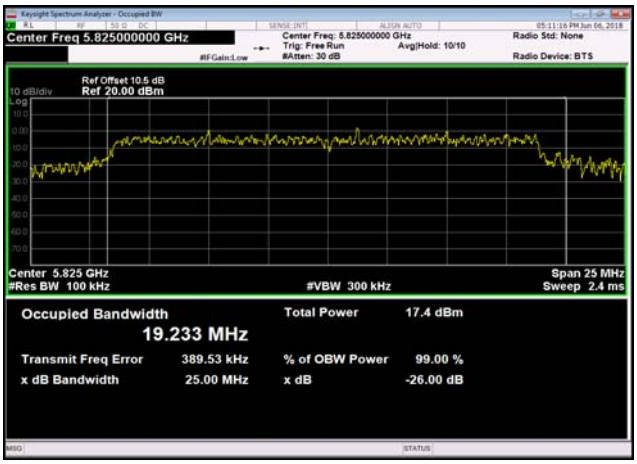
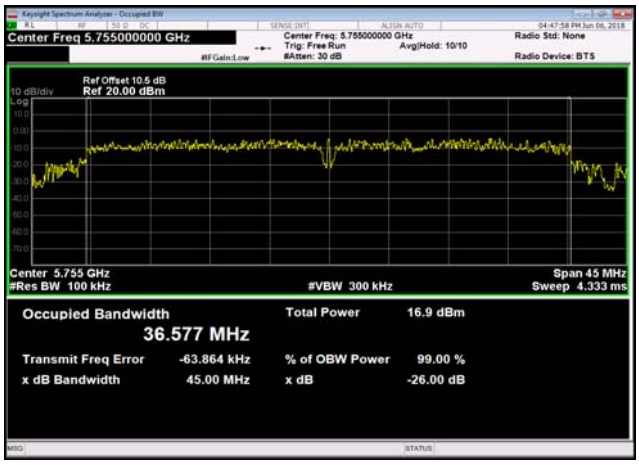
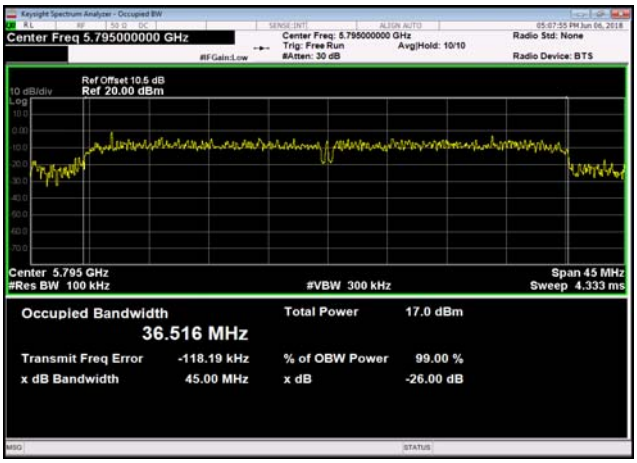
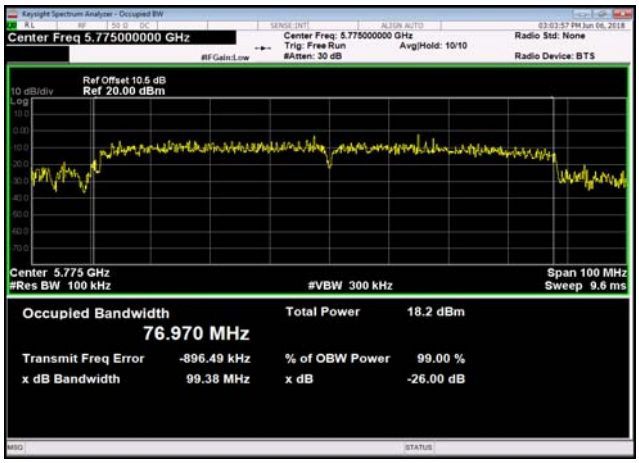


U-NII-3 -802.11ac(20MHz)
,5745MHz



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



U-NII-3 -802.11ac(20MHz) ,5825MHz	U-NII-3 -802.11ac(40MHz) ,5755MHz
	
U-NII-3 -802.11ac(40MHz) ,5795MHz	U-NII-3 -802.11ac(80MHz) ,5775MHz
	

Frequency Stability

Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5180	5171.050	5188.883	5179.967	-6.440	Pass
802.11n (20MHz)	5220	5211.050	5228.883	5219.967	-6.390	Pass
802.11n (20MHz)	5240	5231.050	5248.875	5239.963	-7.160	Pass
802.11n (40MHz)	5190	5171.760	5208.165	5189.963	-7.230	Pass
802.11n (40MHz)	5230	5211.745	5248.165	5229.955	-8.600	Pass
802.11a (20MHz)	5180	5171.675	5188.250	5179.963	-7.240	Pass
802.11a (20MHz)	5220	5211.667	5228.250	5219.958	-7.980	Pass
802.11a (20MHz)	5240	5231.667	5248.258	5239.963	-7.160	Pass
802.11ac (20MHz)	5180	5171.058	5188.883	5179.971	-5.630	Pass
802.11ac (20MHz)	5220	5211.058	5228.892	5219.975	-4.790	Pass
802.11ac (20MHz)	5240	5231.042	5248.883	5239.963	-7.160	Pass
802.11ac (40MHz)	5190	5171.715	5208.180	5189.948	-10.120	Pass
802.11ac (40MHz)	5230	5211.775	5248.150	5229.963	-7.170	Pass
802.11ac (80MHz)	5210	5172.333	5247.533	5209.933	-12.800	Pass

Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5260	5251.025	5268.892	5259.958	-7.920	Pass
802.11n (20MHz)	5300	5291.050	5308.875	5299.963	-7.080	Pass
802.11n (20MHz)	5320	5311.033	5328.908	5319.971	-5.480	Pass
802.11n (40MHz)	5270	5251.700	5288.195	5269.948	-9.960	Pass
802.11n (40MHz)	5310	5291.775	5328.150	5309.963	-7.060	Pass
802.11a (20MHz)	5260	5251.667	5268.250	5259.958	-7.920	Pass
802.11a (20MHz)	5300	5291.667	5308.267	5299.967	-6.290	Pass
802.11a (20MHz)	5320	5311.658	5328.258	5319.958	-7.830	Pass
802.11ac (20MHz)	5260	5251.758	5268.142	5259.950	-9.510	Pass
802.11ac (20MHz)	5300	5291.150	5308.850	5300.000	0.000	Pass
802.11ac (20MHz)	5320	5311.050	5328.867	5319.958	-7.830	Pass
802.11ac (40MHz)	5270	5251.835	5288.270	5270.053	9.960	Pass
802.11ac (40MHz)	5310	5291.745	5328.225	5309.985	-2.820	Pass
802.11ac (80MHz)	5290	5252.200	5327.633	5289.917	-15.750	Pass

Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5500	5491.042	5508.875	5499.958	-7.580	Pass
802.11n (20MHz)	5600	5591.058	5608.858	5599.958	-7.440	Pass
802.11n (20MHz)	5700	5691.050	5708.867	5699.958	-7.310	Pass
802.11n (40MHz)	5510	5491.775	5528.150	5509.963	-6.810	Pass
802.11n (40MHz)	5590	5571.775	5608.210	5589.993	-1.340	Pass
802.11n (40MHz)	5670	5651.775	5688.135	5669.955	-7.940	Pass
802.11a (20MHz)	5500	5491.667	5508.267	5499.967	-6.060	Pass
802.11a (20MHz)	5600	5591.658	5608.275	5599.967	-5.950	Pass
802.11a (20MHz)	5700	5691.650	5708.258	5699.954	-8.040	Pass
802.11ac (20MHz)	5500	5491.142	5508.842	5499.992	-1.520	Pass
802.11ac (20MHz)	5600	5591.067	5608.842	5599.954	-8.180	Pass
802.11ac (20MHz)	5700	5691.033	5708.892	5699.963	-6.580	Pass
802.11ac (40MHz)	5510	5491.760	5528.255	5510.008	1.360	Pass
802.11ac (40MHz)	5590	5571.805	5608.195	5590.000	0.000	Pass
802.11ac (40MHz)	5670	5651.730	5688.285	5670.008	1.320	Pass
802.11ac (80MHz)	5530	5492.167	5567.667	5529.917	-15.070	Pass

Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5745	5736.092	5753.900	5744.996	-0.730	Pass
802.11n (20MHz)	5785	5776.067	5793.900	5784.983	-2.880	Pass
802.11n (20MHz)	5825	5816.067	5833.925	5824.996	-0.720	Pass
802.11n (40MHz)	5755	5736.820	5773.195	5755.008	1.300	Pass
802.11n (40MHz)	5795	5776.820	5813.195	5795.008	1.290	Pass
802.11a (20MHz)	5745	5736.683	5753.275	5744.979	-3.630	Pass
802.11a (20MHz)	5785	5776.700	5793.283	5784.992	-1.440	Pass
802.11a (20MHz)	5825	5816.708	5833.283	5824.996	-0.720	Pass
802.11ac (20MHz)	5745	5736.058	5753.842	5744.950	-8.700	Pass
802.11ac (20MHz)	5785	5776.042	5793.917	5784.979	-3.600	Pass
802.11ac (20MHz)	5825	5816.058	5833.833	5824.946	-9.300	Pass
802.11ac (40MHz)	5755	5737.495	5772.565	5755.030	5.210	Pass
802.11ac (40MHz)	5795	5776.805	5813.240	5795.023	3.880	Pass
802.11ac (80MHz)	5775	5737.567	5812.333	5774.950	-8.660	Pass

** END OF REPORT **