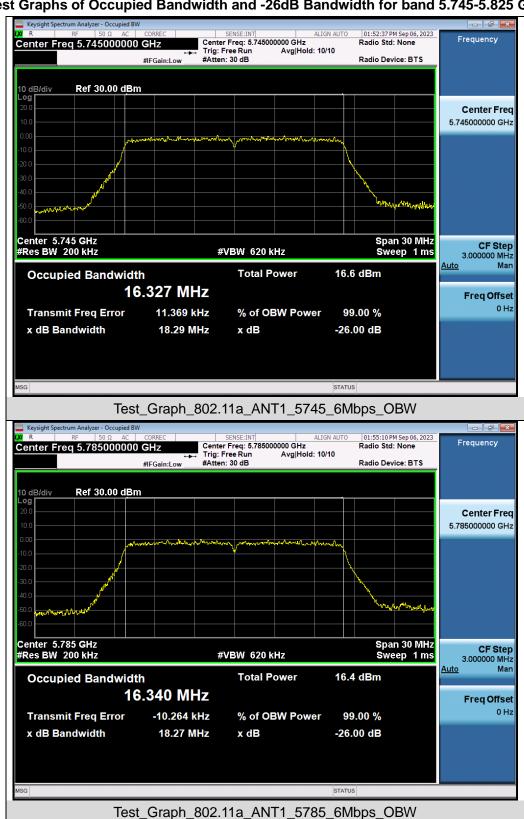
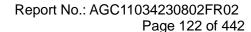


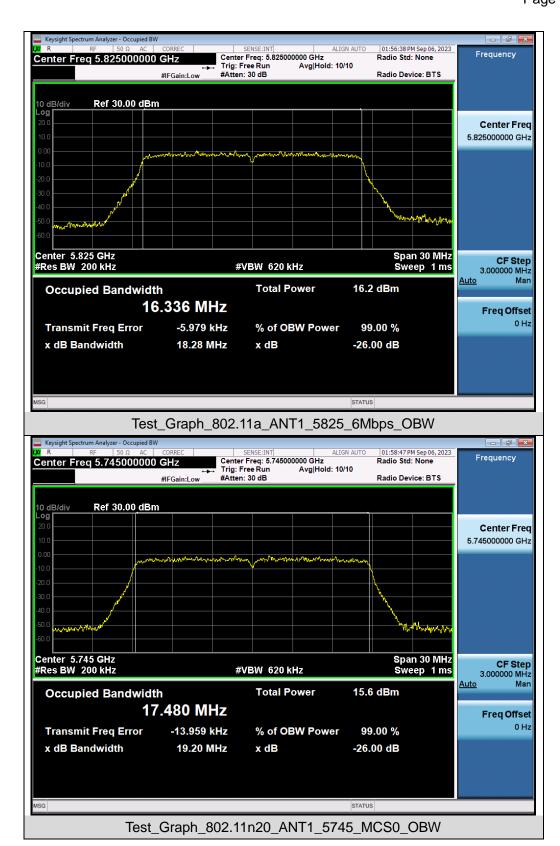


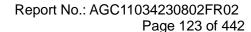
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.745-5.825 GHz



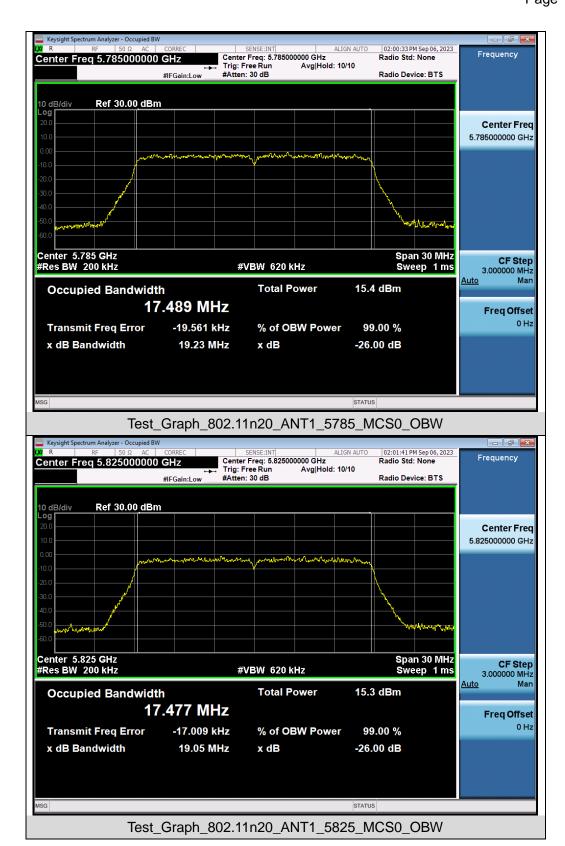


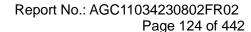




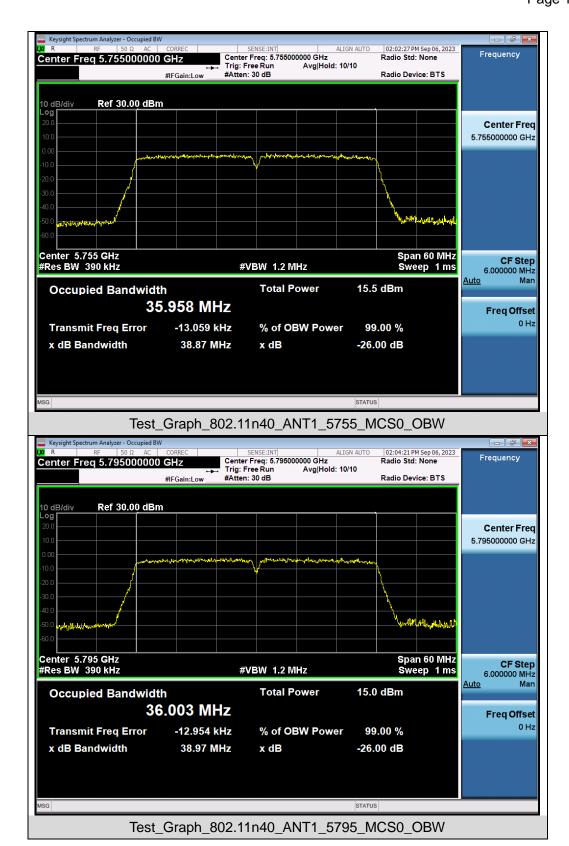


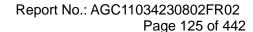




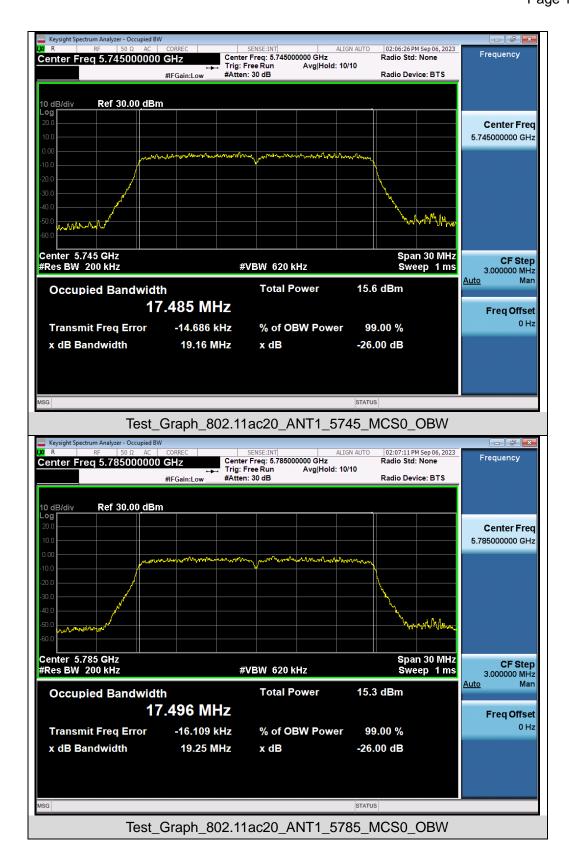


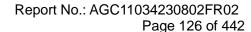




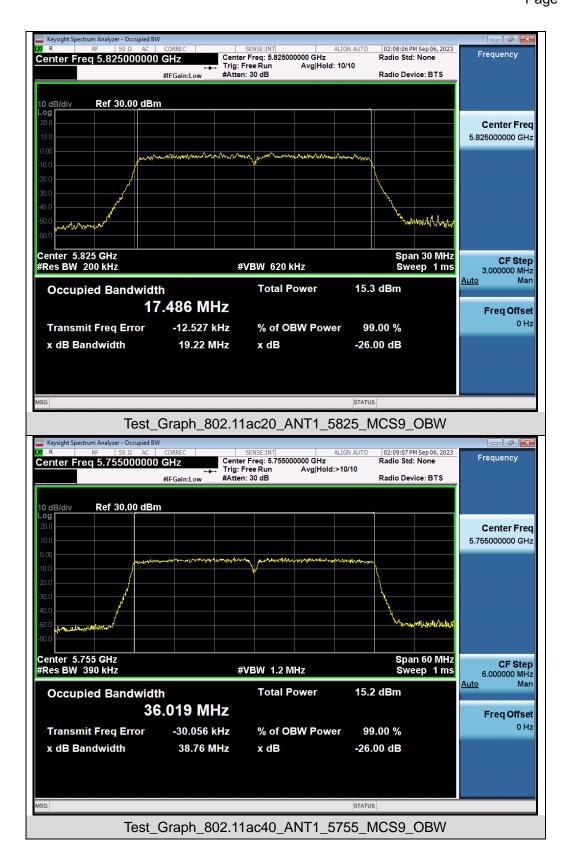


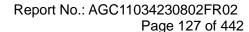




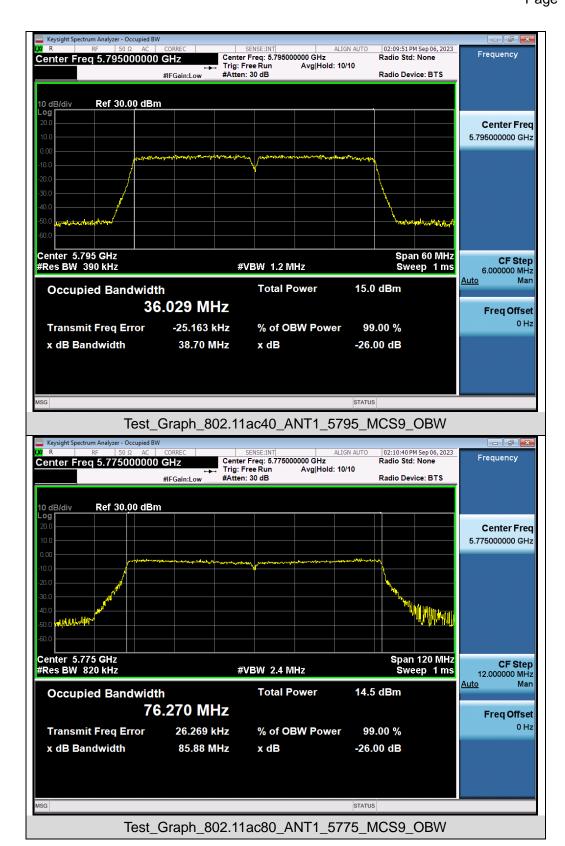


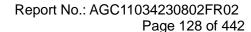




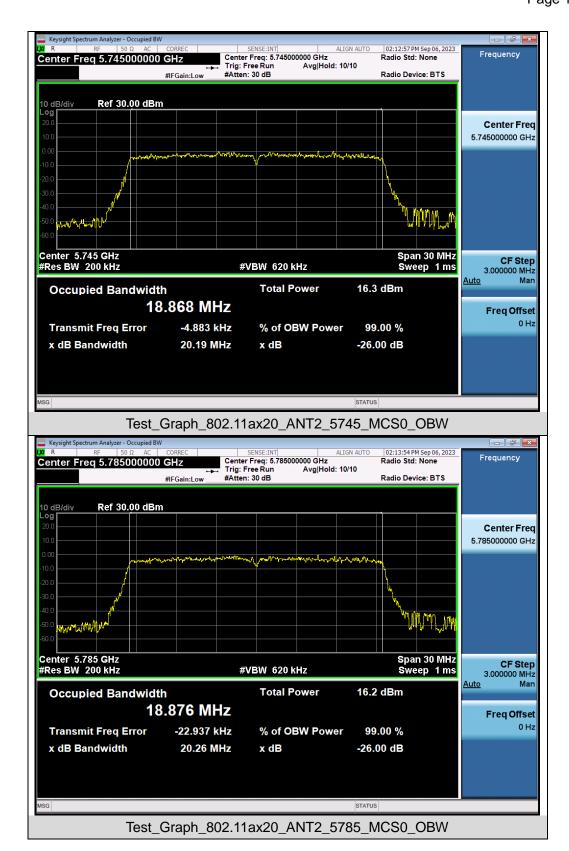


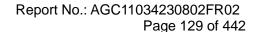




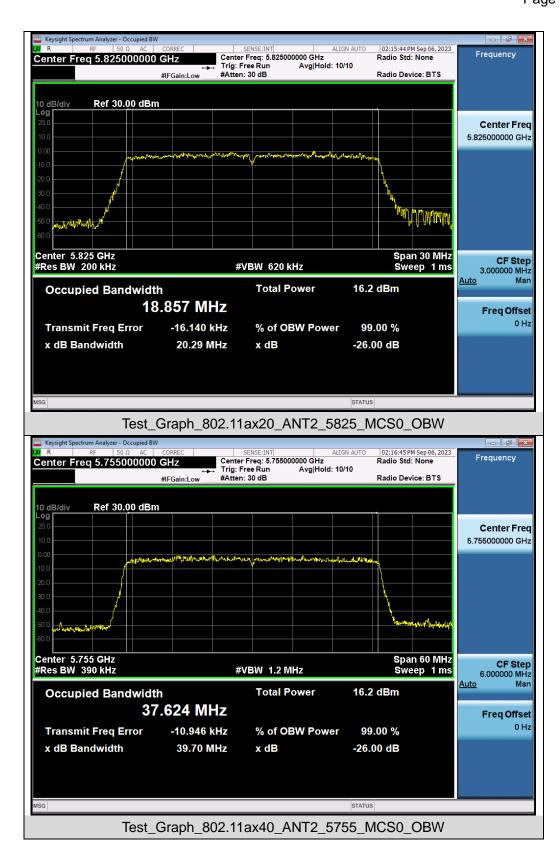


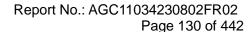




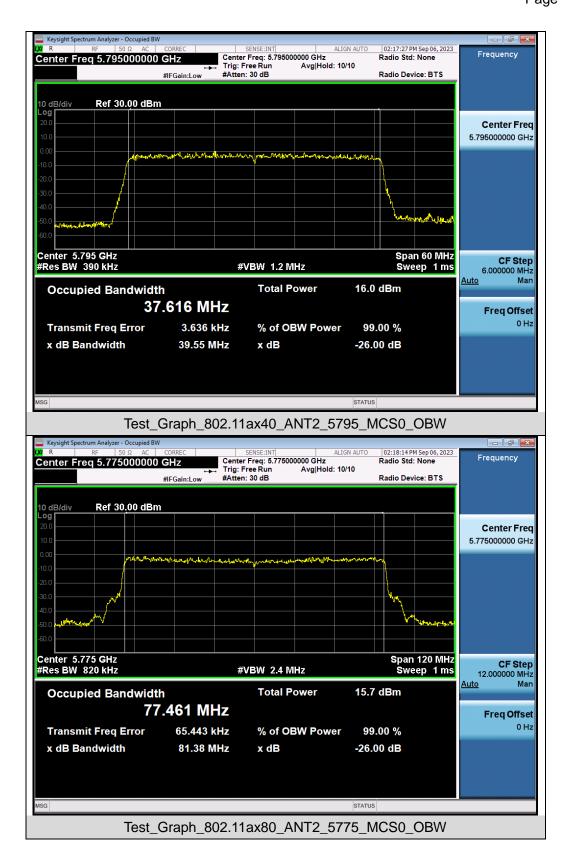


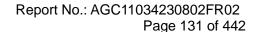




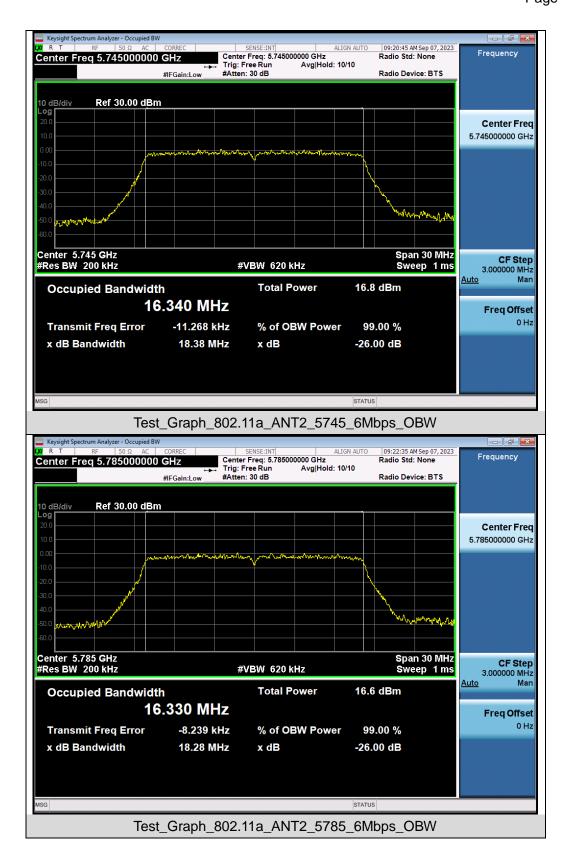


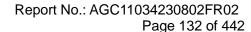




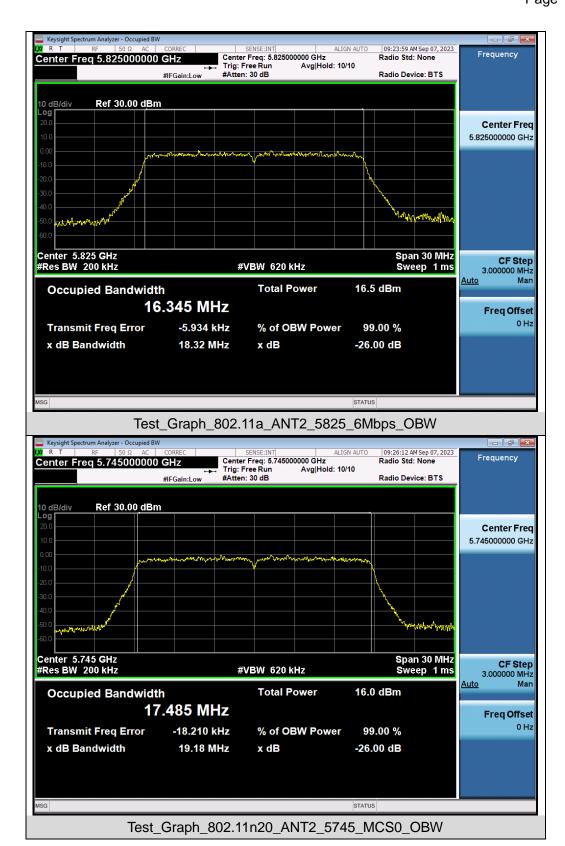


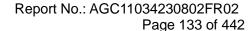




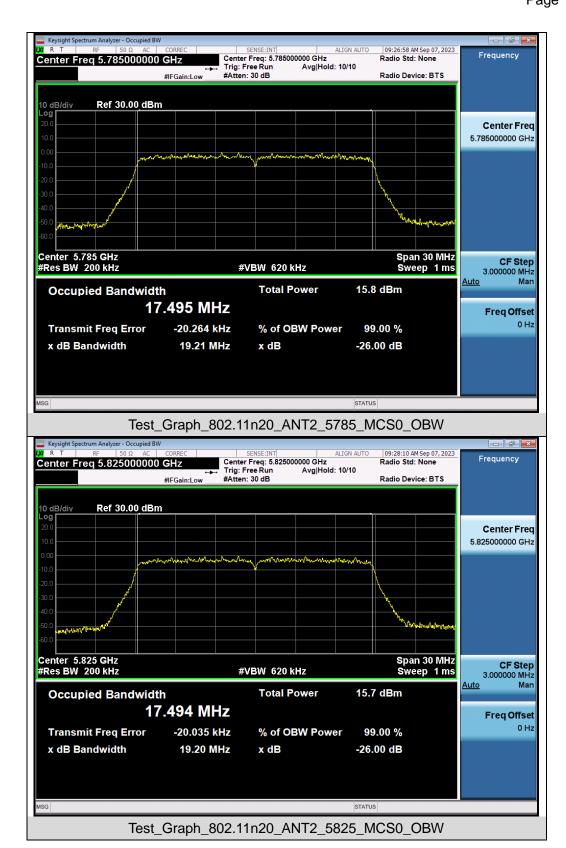


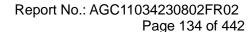




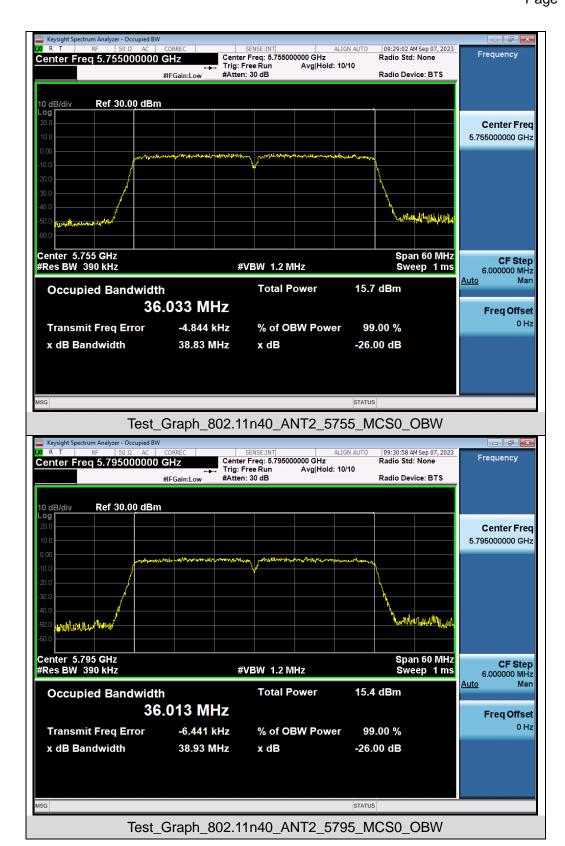


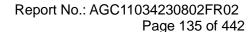




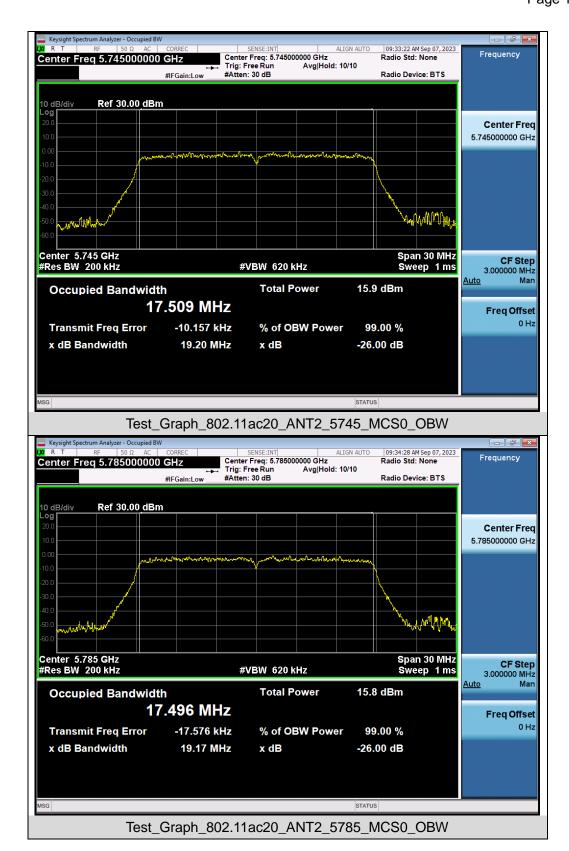


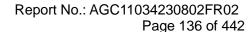




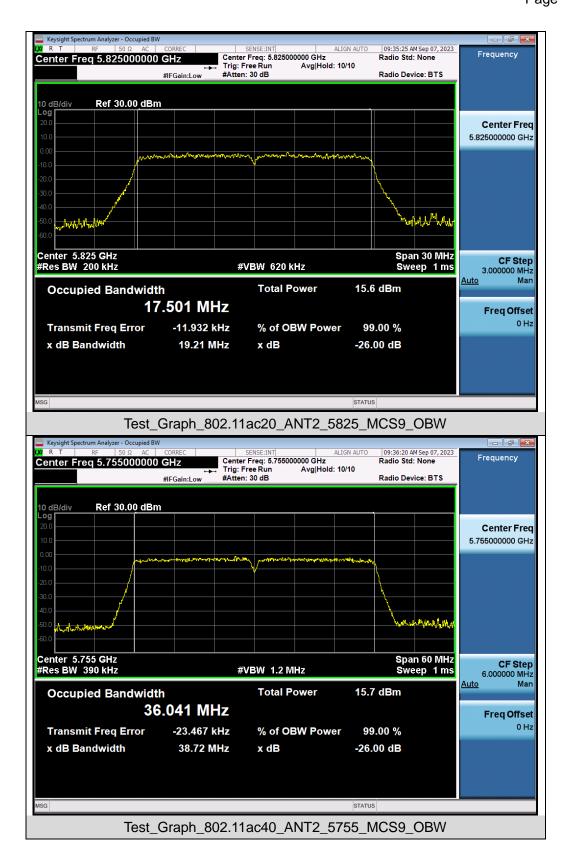


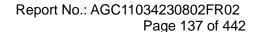




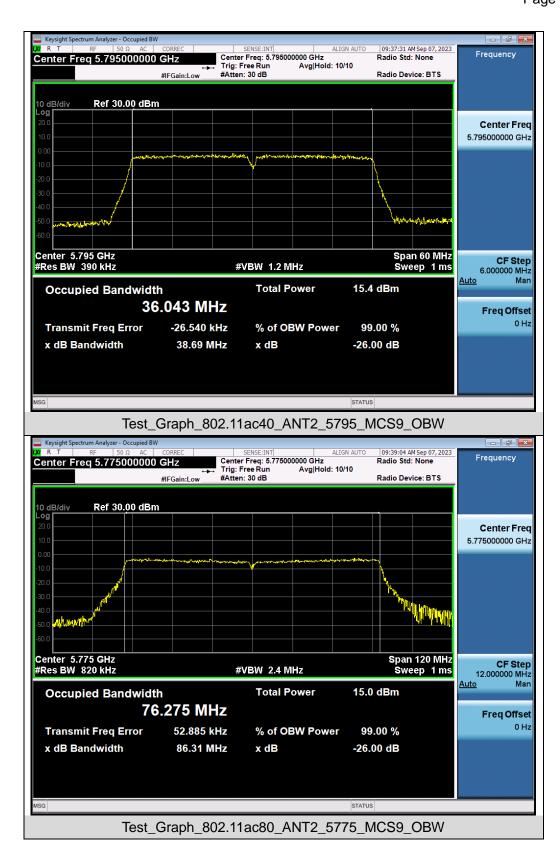


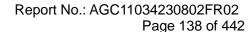




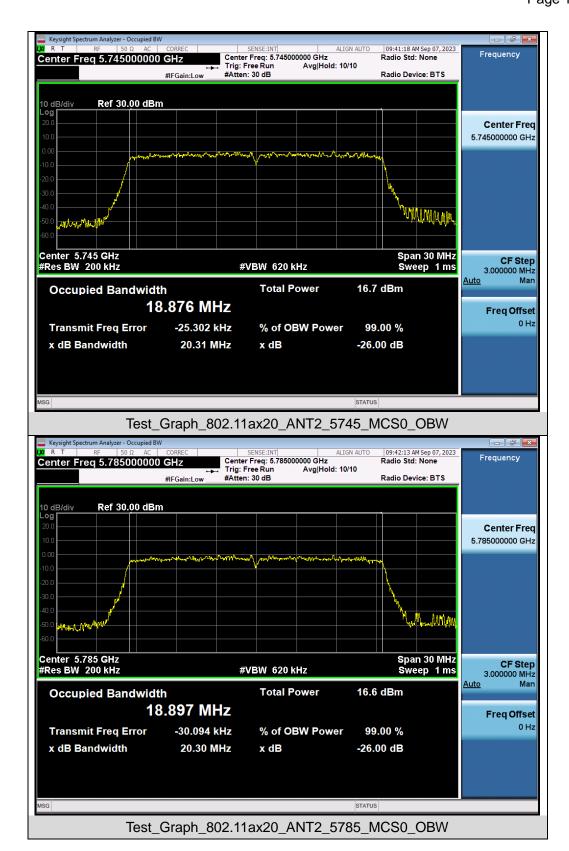


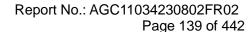




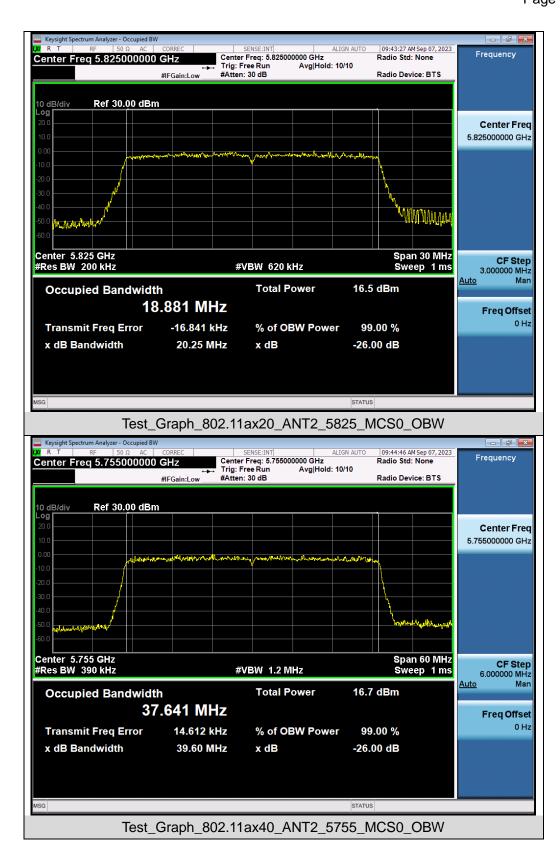


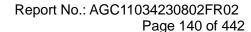




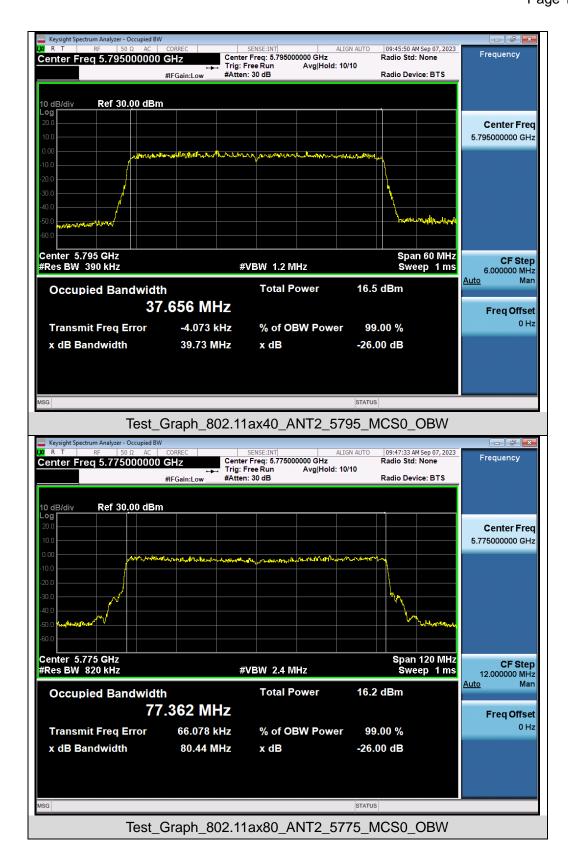


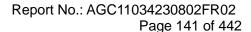






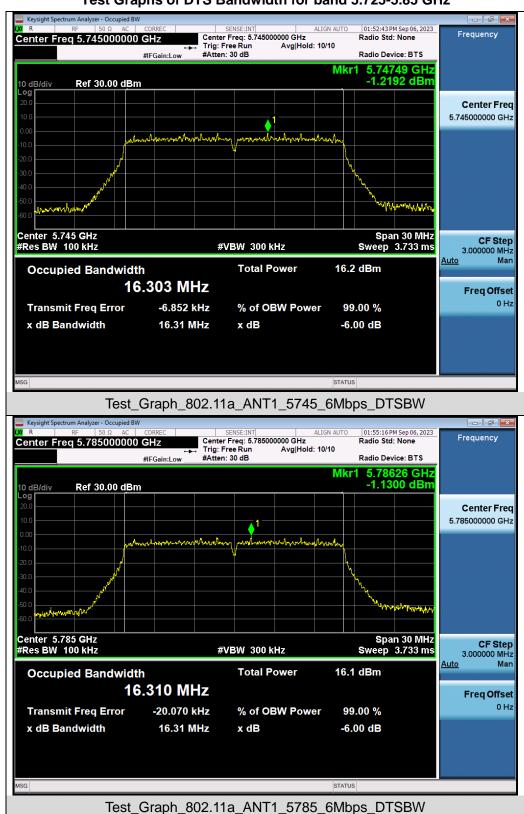


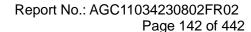




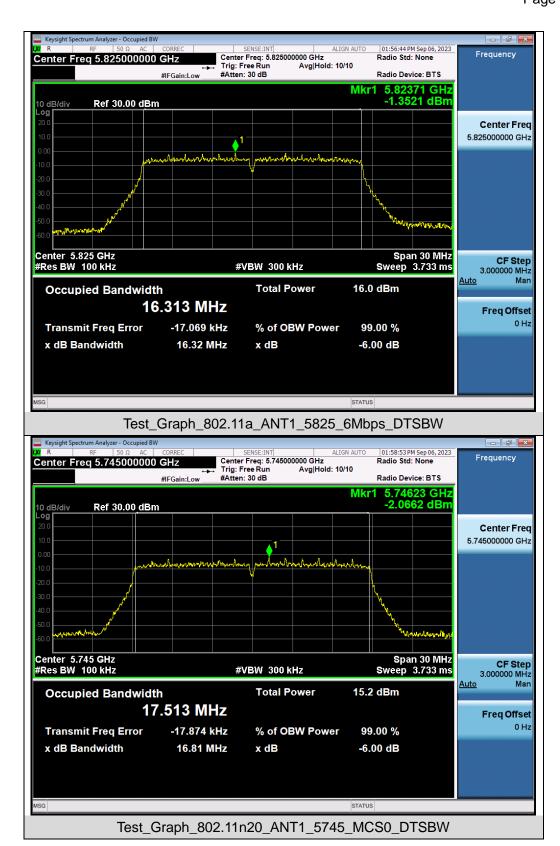


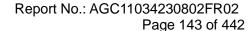
Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz



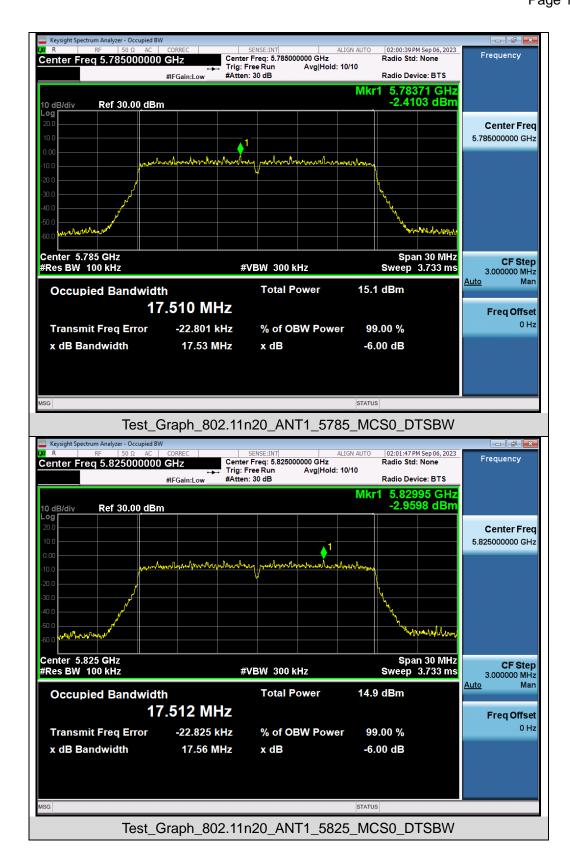


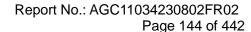




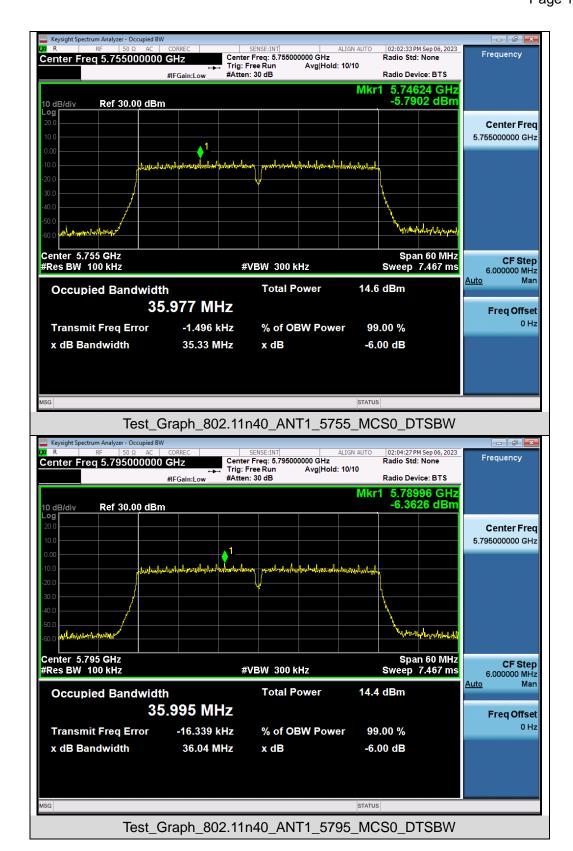


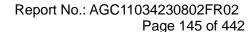




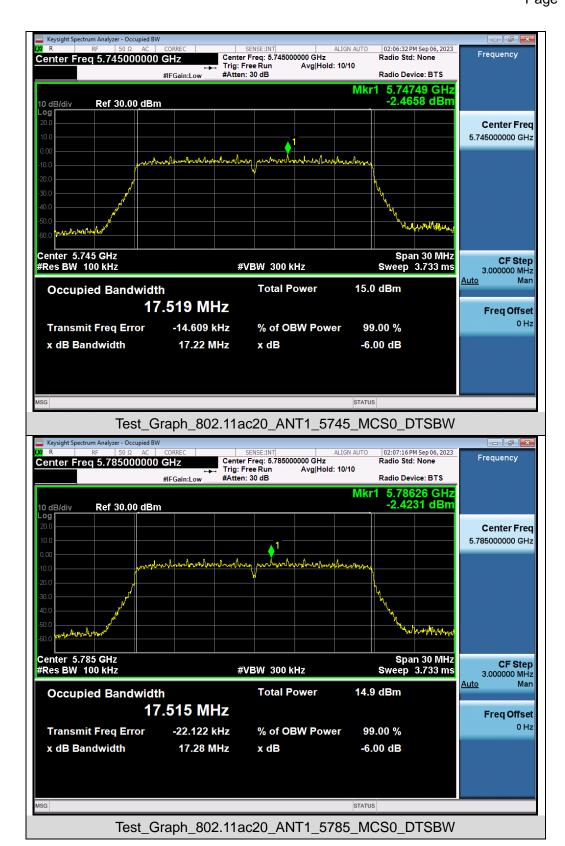


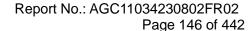




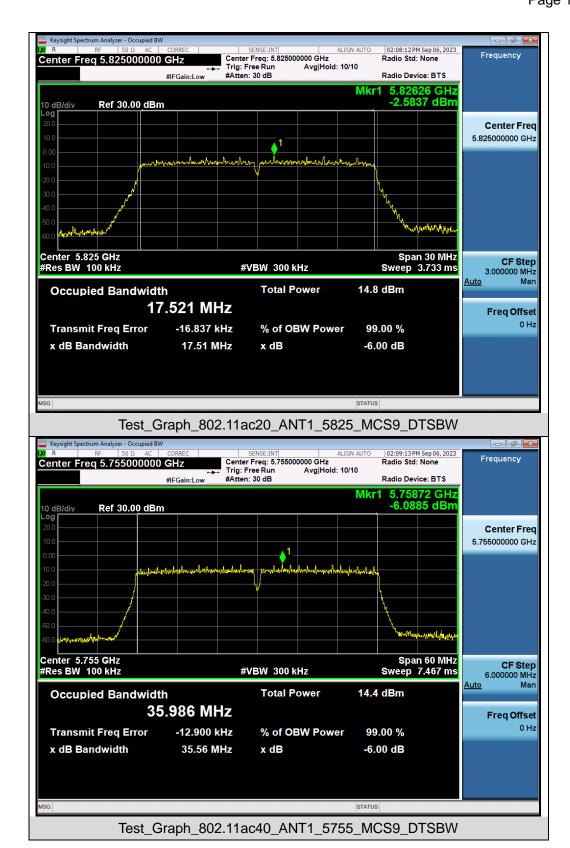


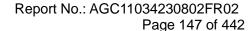




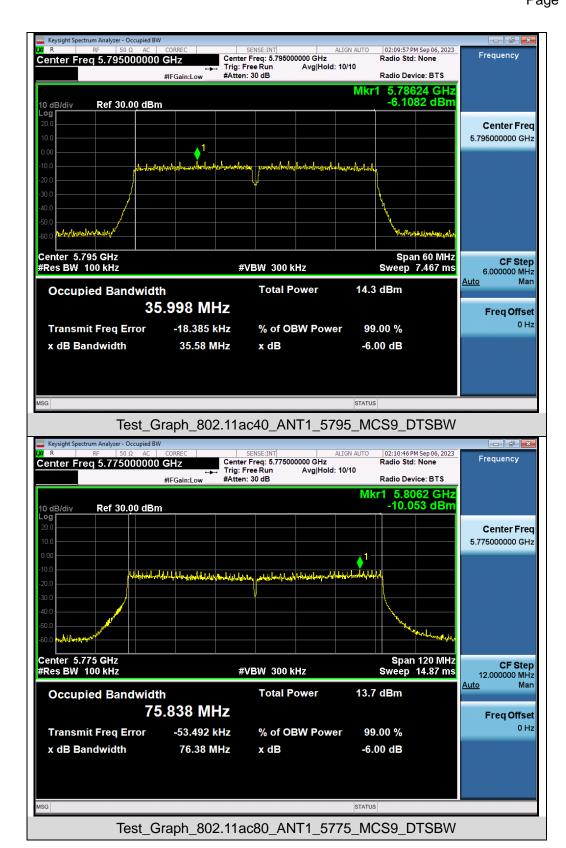


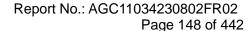




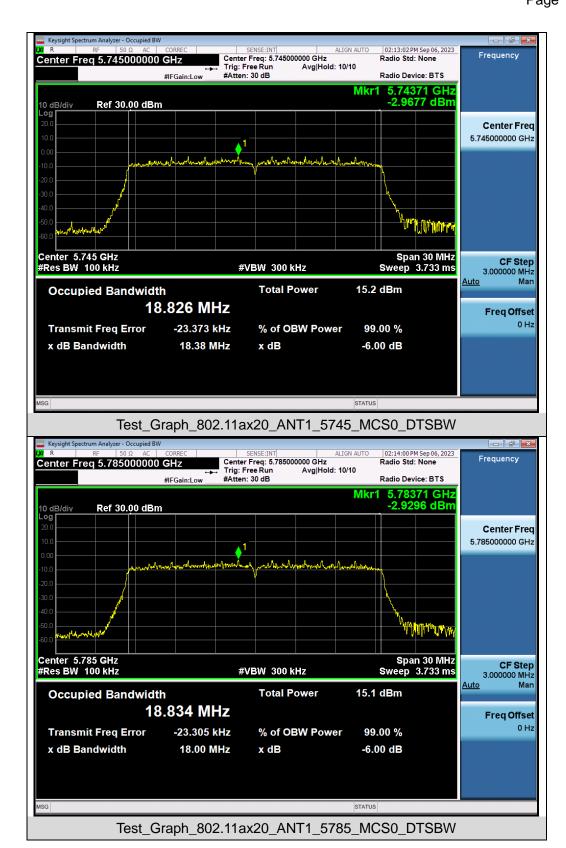


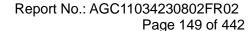




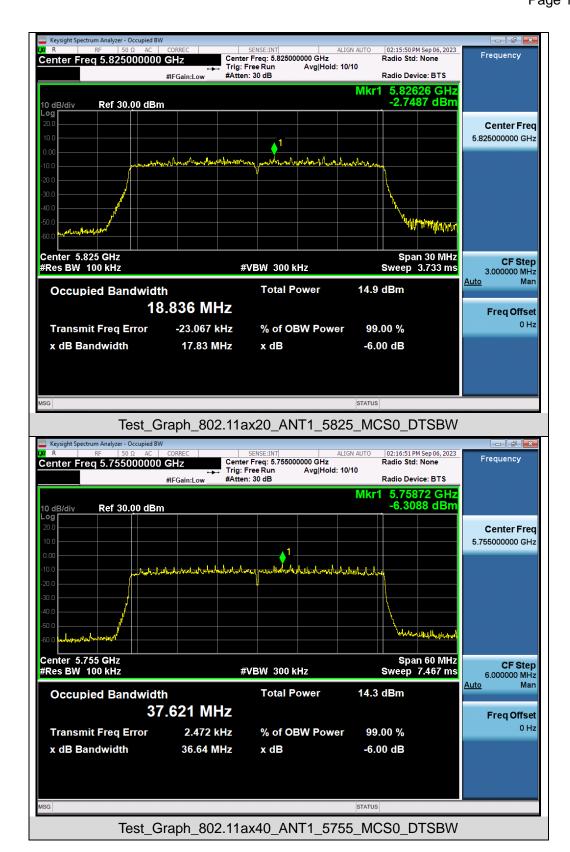


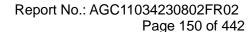




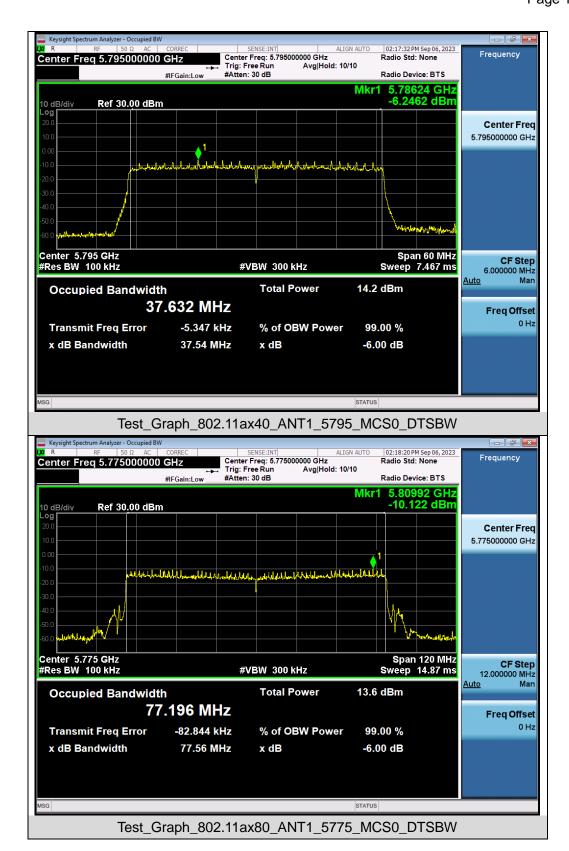


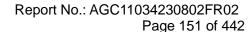




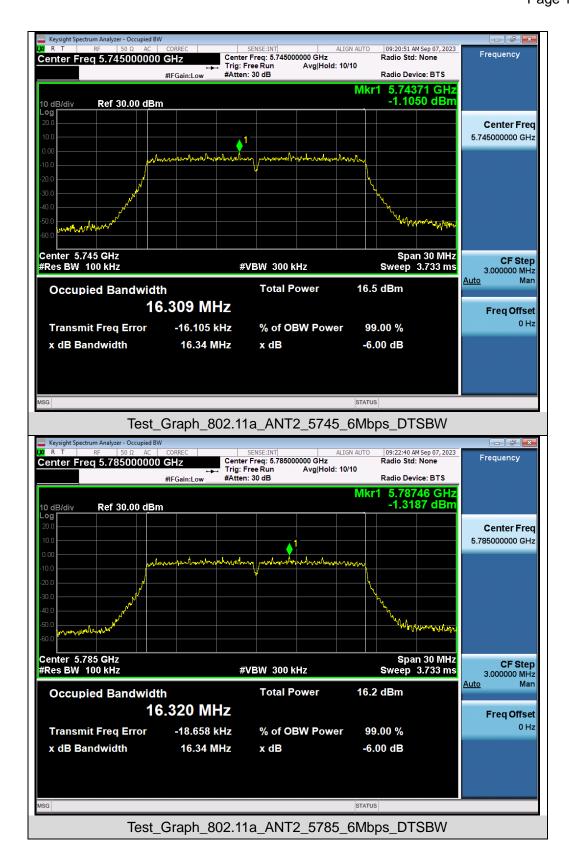


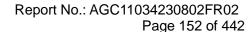




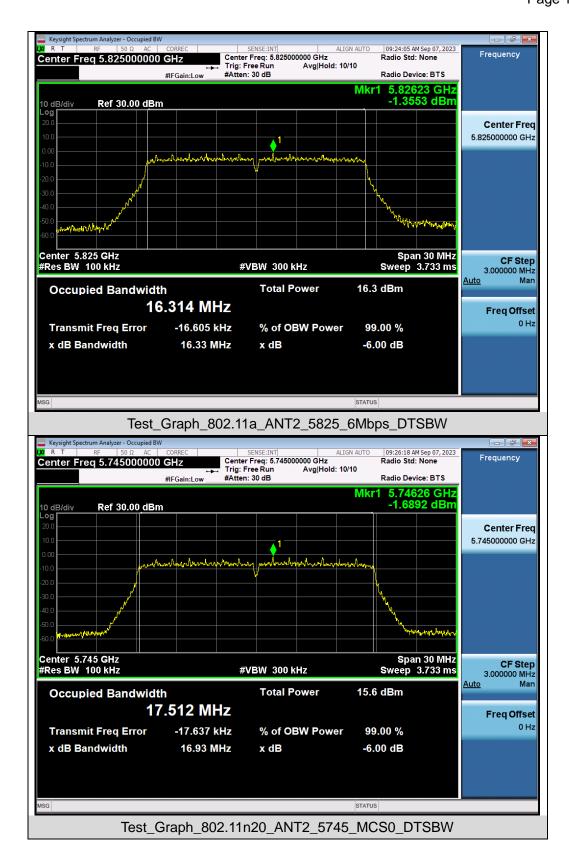


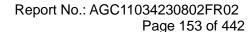




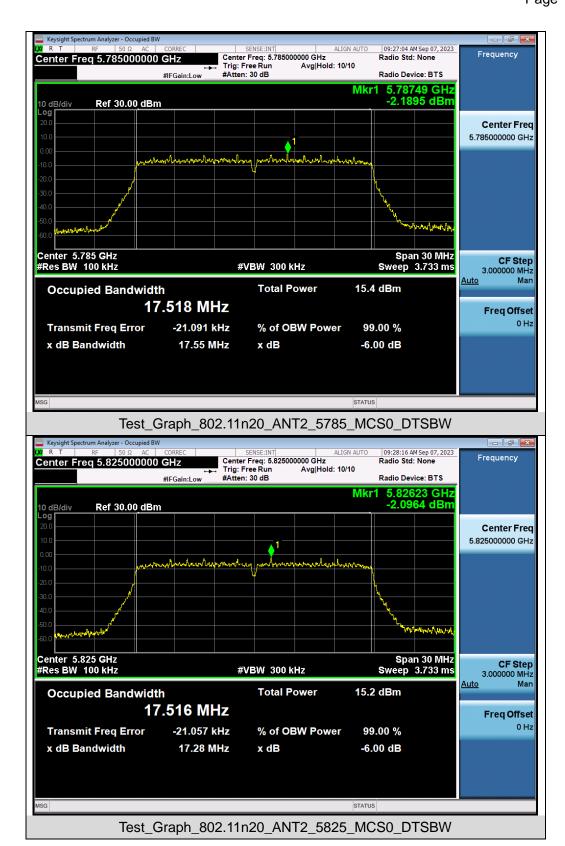


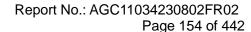




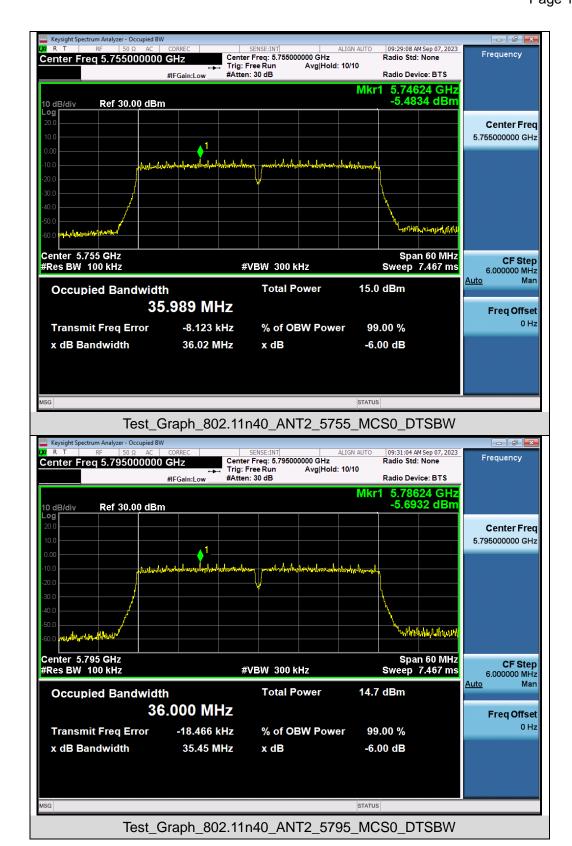


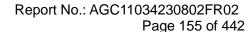




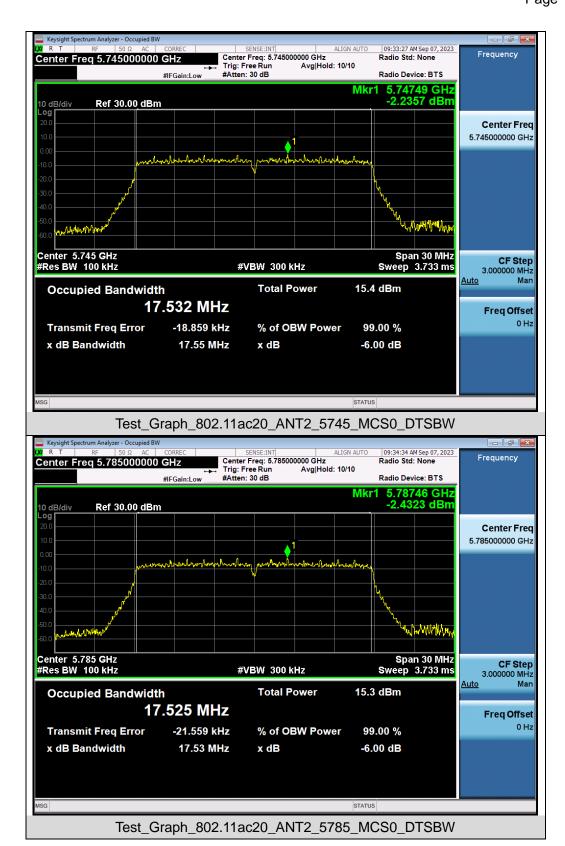


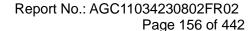




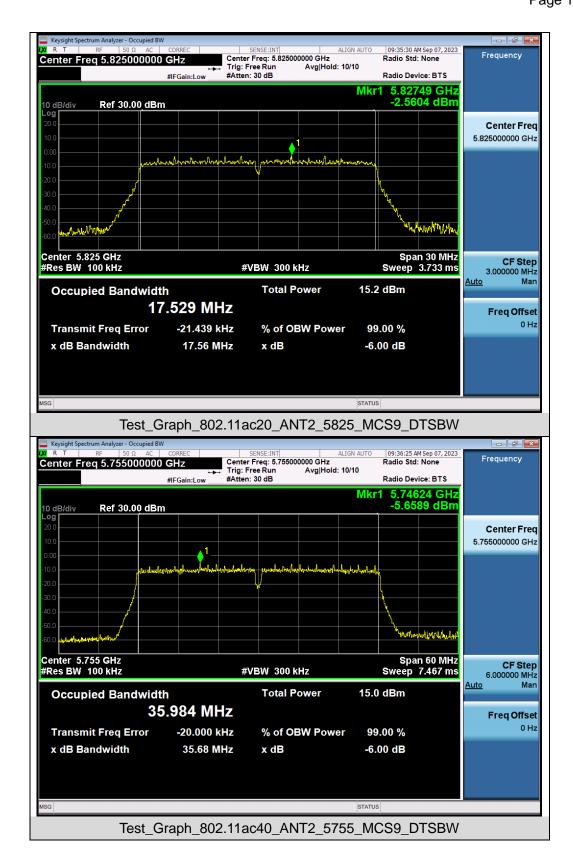


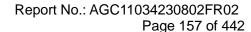




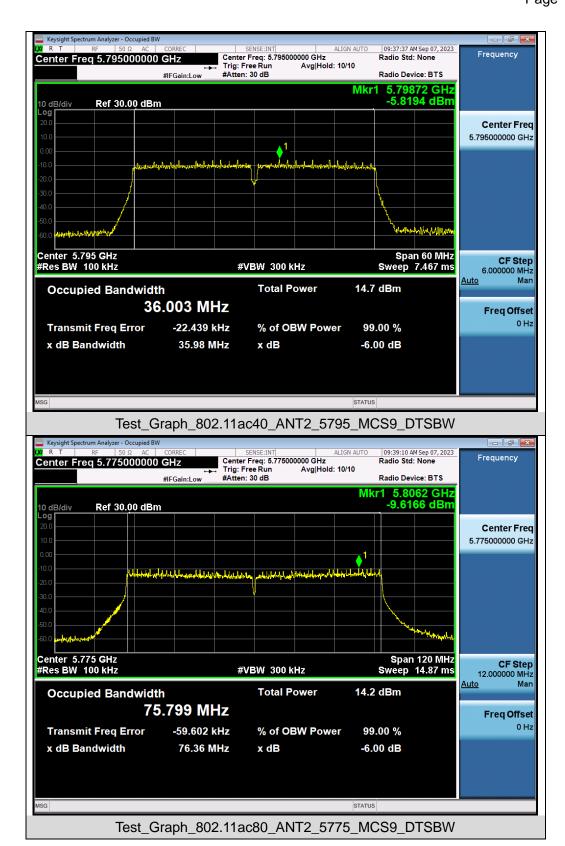


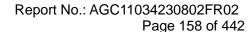




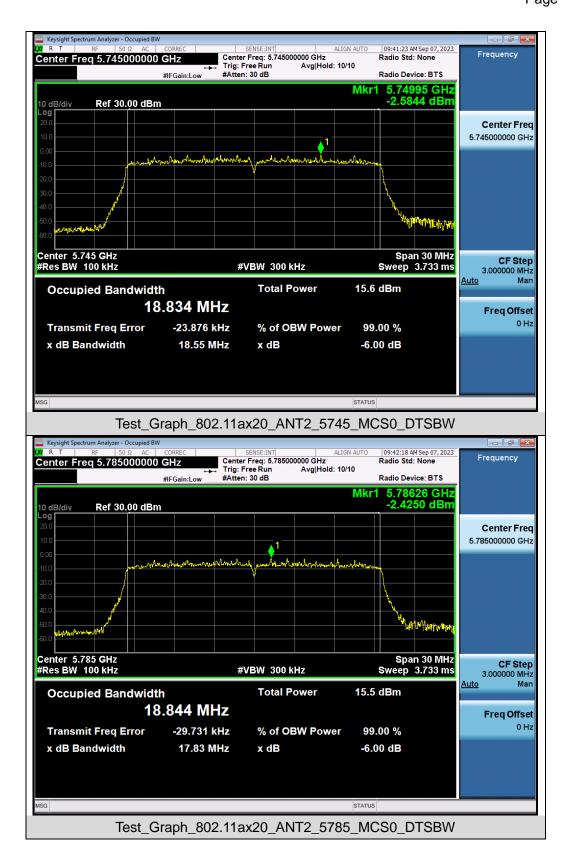


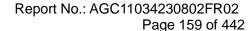




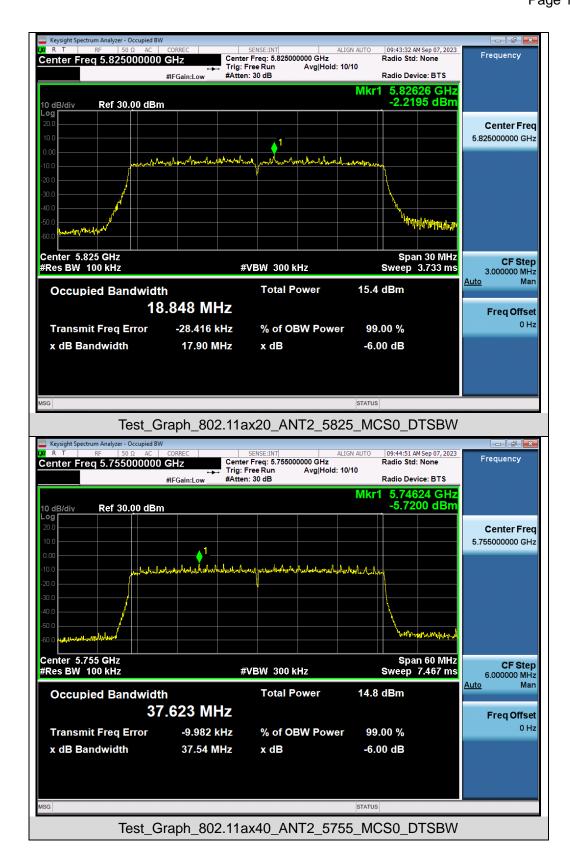


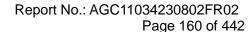




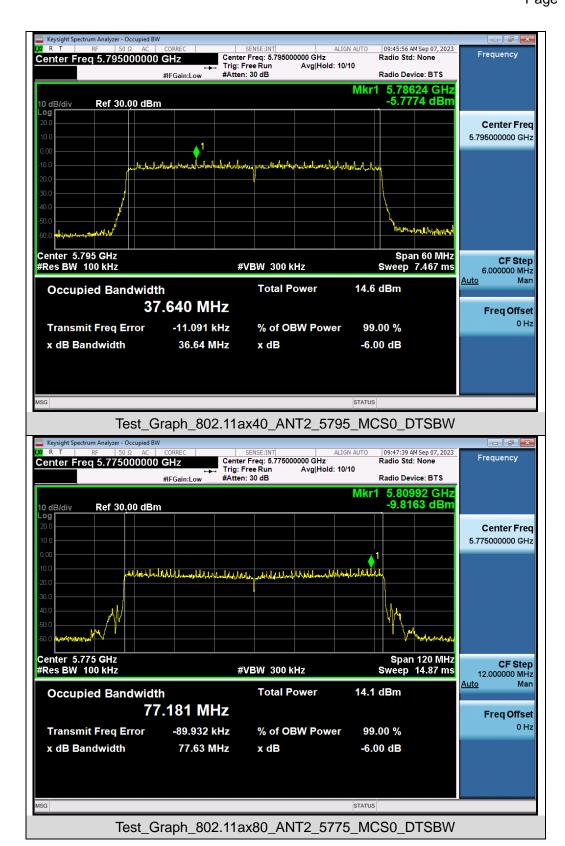














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9. Power Spectral Density Measurement

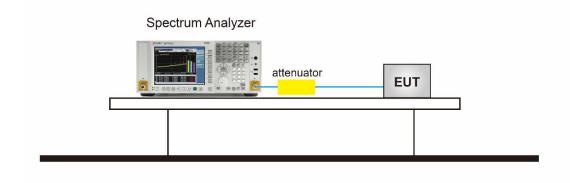
9.1 Provisions Applicable

Operation Band	EUT Category		LIMIT		
		Outdoor Access Point	17dBm/ MHz		
U-NII-1		Fixed point-to-point Access Point	17dBm/ MHz		
U-INII-1		Indoor Access Point	17dBm/ MHz		
	\boxtimes	Client devices	11dBm/ MHz		
U-NII-2A		/	11dBm/ MHz		
U-NII-2C	/				11dBm/ MHz
U-NII-3	-NII-3 /		30 dBm/500kHz		

9.2 Measurement Procedure

- Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
- 2. Span was set to encompass the entire 26dB EBW of the signal.
- 3. RBW = 1MHz.
- 4. If measurement bandwidth of Maximum PSD is specified in 500 kHz, RBW = 100KHz
- 5. Set VBW≥[3×RBW].
- 6. Sweep Time=Auto couple.
- 7. Detector function=RMS (i.e., power averaging).
- 8. Trace average at least 100 traces in power averaging (rms) mode.
- 9. When the measurement bandwidth of Maximum PSD is specified in 100 kHz, add a constant factor 10*log(500kHz/100kHz) = 6.99 dB to the measured result.
- 10. Determine according to the duty cycle of the equipment: when it is less than 98%, follow the steps below.
- 11. Add [10 log (1/D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add [10 log (1/0.25)] = 6 dB if the duty cycle is 25%.
- 12. Record the test results in the report.

9.3 Measurement Setup (Block Diagram of Configuration)



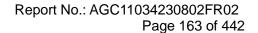


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9.4 Measurement Result

Te	Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-ANT 1					
Test Mode	est Mode Test Channel Average Power Density (dBm/MHz)		Limits (dBm/MHz)	Pass or Fail		
	5180	0.212	11	Pass		
802.11a	5200	0.001	11	Pass		
	5240	0.126	11	Pass		
	5180	-1.064	11	Pass		
802.11n20	5200	-1.230	11	Pass		
	5240	-1.447	11	Pass		
802.11n40	5190	-4.322	11	Pass		
802.111140	5230	-4.488	11	Pass		
	5180	-1.175	11	Pass		
802.11ac20	5200	-1.360	11	Pass		
	5240	-1.547	11	Pass		
802.11ac40	5190	-4.229	11	Pass		
802.118040	5230	-4.520	11	Pass		
802.11ac80	5210	-7.097	11	Pass		
	5180	-1.452	11	Pass		
802.11ax20	5200	-1.477	11	Pass		
	5240	-1.616	11	Pass		
902 11 ov 40	5190	-4.476	11	Pass		
802.11ax40	5230	-4.648	11	Pass		
802.11ax80	5210	-6.602	11	Pass		





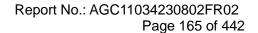
Te	Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-ANT 2					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5180	-0.069	11	Pass		
802.11a	5200	0.017	11	Pass		
	5240	0.051	11	Pass		
	5180	-1.496	11	Pass		
802.11n20	5200	-1.544	11	Pass		
	5240	-1.421	11	Pass		
802.11n40	5190	-4.503	11	Pass		
802.111140	5230	-4.423	11	Pass		
	5180	-1.361	11	Pass		
802.11ac20	5200	-1.488	11	Pass		
	5240	-1.418	11	Pass		
000 44 40	5190	-4.487	11	Pass		
802.11ac40	5230	-4.355	11	Pass		
802.11ac80	5210	-6.958	11	Pass		
	5180	-1.406	11	Pass		
802.11ax20	5200	-1.738	11	Pass		
	5240	-1.531	11	Pass		
000 44 5 40	5190	-4.529	11	Pass		
802.11ax40	5230	-4.558	11	Pass		
802.11ax80	5210	-7.094	11	Pass		



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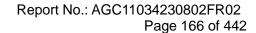
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Те	Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-MIMO					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5180	1.736	10.53	Pass		
802.11n20	5200	1.626	10.53	Pass		
	5240	1.576	10.53	Pass		
000 44 = 40	5190	-1.401	10.53	Pass		
802.11n40	5230	-1.445	10.53	Pass		
	5180	1.743	10.53	Pass		
802.11ac20	5200	1.587	10.53	Pass		
	5240	1.528	10.53	Pass		
000 44 40	5190	-1.346	10.53	Pass		
802.11ac40	5230	-1.426	10.53	Pass		
802.11ac80	5210	-4.017	10.53	Pass		
	5180	1.581	10.53	Pass		
802.11ax20	5200	1.405	10.53	Pass		
	5240	1.437	10.53	Pass		
902 44 ov 40	5190	-1.492	10.53	Pass		
802.11ax40	5230	-1.592	10.53	Pass		
802.11ax80	5210	-3.831	10.53	Pass		





Те	Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-ANT 1					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5260	-0.128	11	Pass		
802.11a	5300	-0.202	11	Pass		
	5320	-0.203	11	Pass		
	5260	-1.415	11	Pass		
802.11n20	5300	-1.588	11	Pass		
	5320	-1.542	11	Pass		
802.11n40	5270	-4.367	11	Pass		
602.111140	5310	-4.643	11	Pass		
	5260	-1.284	11	Pass		
802.11ac20	5300	-1.536	11	Pass		
	5320	-1.486	11	Pass		
802.11ac40	5270	-4.436	11	Pass		
602.11ac40	5310	-4.617	11	Pass		
802.11ac80	5290	-7.326	11	Pass		
	5260	-1.491	11	Pass		
802.11ax20	5300	-1.795	11	Pass		
	5320	-1.671	11	Pass		
802.11ax40	5270	-4.380	11	Pass		
002.118X40	5310	-4.565	11	Pass		
802.11ax80	5290	-7.320	11	Pass		





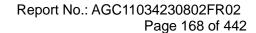
Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-ANT 2					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5260	-0.130	11	Pass	
802.11a	5300	0.115	11	Pass	
	5320	0.029	11	Pass	
	5260	-1.441	11	Pass	
802.11n20	5300	-1.264	11	Pass	
	5320	-1.252	11	Pass	
802.11n40	5270	-4.323	11	Pass	
802.111140	5310	-4.229	11	Pass	
	5260	-1.291	11	Pass	
802.11ac20	5300	-1.208	11	Pass	
	5320	-1.232	11	Pass	
000 44 - 40	5270	-4.513	11	Pass	
802.11ac40	5310	-4.311	11	Pass	
802.11ac80	5290	-7.294	11	Pass	
	5260	-1.357	11	Pass	
802.11ax20	5300	-1.536	11	Pass	
	5320	-1.484	11	Pass	
000 44 5 40	5270	-4.511	11	Pass	
802.11ax40	5310	-4.418	11	Pass	
802.11ax80	5290	-7.174	11	Pass	



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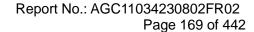
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Те	Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-MIMO					
Test Mode	Test Mode Test Channel (MHz) Average Power Density (dBm/MHz)		Limits (dBm/MHz)	Pass or Fail		
	5180	1.582	10.53	Pass		
802.11n20	5200	1.587	10.53	Pass		
	5240	1.616	10.53	Pass		
000 11510	5190	-1.335	10.53	Pass		
802.11n40	5230	-1.421	10.53	Pass		
	5180	1.723	10.53	Pass		
802.11ac20	5200	1.641	10.53	Pass		
	5240	1.653	10.53	Pass		
000 44 40	5190	-1.464	10.53	Pass		
802.11ac40	5230	-1.451	10.53	Pass		
802.11ac80	5210	-4.300	10.53	Pass		
	5180	1.587	10.53	Pass		
802.11ax20	5200	1.347	10.53	Pass		
	5240	1.434	10.53	Pass		
902 44 ov 40	5190	-1.435	10.53	Pass		
802.11ax40	5230	-1.481	10.53	Pass		
802.11ax80	5210	-4.236	10.53	Pass		





Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-ANT 1				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5500	-0.044	11	Pass
802.11a	5600	0.083	11	Pass
	5700	-0.270	11	Pass
	5500	-1.369	11	Pass
802.11n20	5600	-1.308	11	Pass
	5700	-1.562	11	Pass
	5510	-4.334	11	Pass
802.11n40	5590	-4.414	11	Pass
	5670	-4.889	11	Pass
	5500	-1.286	11	Pass
802.11ac20	5600	-1.234	11	Pass
	5700	-1.409	11	Pass
	5510	-4.361	11	Pass
802.11ac40	5590	-4.123	11	Pass
	5670	-4.925	11	Pass
000 11 000	5530	-7.531	11	Pass
802.11ac80	5610	-7.477	11	Pass
	5500	-1.330	11	Pass
802.11ax20	5600	-1.434	11	Pass
	5700	-1.792	11	Pass
	5510	-4.336	11	Pass
802.11ax40	5590	-4.357	11	Pass
	5670	-5.008	11	Pass
802.11ax80	5530	-7.407	11	Pass
0UZ.118X8U	5610	-7.250	11	Pass





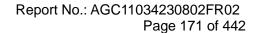
Tes	Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-ANT 2				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5500	0.159	11	Pass	
802.11a	5600	-0.088	11	Pass	
	5700	-0.246	11	Pass	
	5500	-1.075	11	Pass	
802.11n20	5600	-1.171	11	Pass	
	5700	-1.579	11	Pass	
	5510	-4.190	11	Pass	
802.11n40	5590	-4.382	11	Pass	
	5670	-4.800	11	Pass	
	5500	-1.095	11	Pass	
802.11ac20	5600	-1.099	11	Pass	
	5700	-1.336	11	Pass	
	5510	-4.156	11	Pass	
802.11ac40	5590	-4.141	11	Pass	
	5670	-4.685	11	Pass	
802.11ac80	5530	-6.925	11	Pass	
802.118080	5610	-7.087	11	Pass	
	5500	-1.117	11	Pass	
802.11ax20	5600	-1.242	11	Pass	
	5700	-1.439	11	Pass	
	5510	-4.198	11	Pass	
802.11ax40	5590	-4.260	11	Pass	
	5670	-4.824	11	Pass	
902 11 220	5530	-6.955	11	Pass	
802.11ax80	5610	-7.100	11	Pass	



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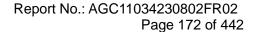
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Tes	t Data of Conducte	ed Output Power Density for band 5.	470-5.725 GHz-N	ИМО
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5500	1.791	9.72	Pass
802.11n20	5600	1.771	9.72	Pass
	5700	1.44	9.72	Pass
	5510	-1.251	9.72	Pass
802.11n40	5590	-1.388	9.72	Pass
	5670	-1.834	9.72	Pass
	5500	1.821	9.72	Pass
802.11ac20	5600	1.844	9.72	Pass
	5700	1.638	9.72	Pass
	5510	-1.247	9.72	Pass
802.11ac40	5590	-1.122	9.72	Pass
	5670	-1.793	9.72	Pass
000 4400	5530	-4.207	9.72	Pass
802.11ac80	5610	-4.267	9.72	Pass
	5500	1.788	9.72	Pass
802.11ax20	5600	1.673	9.72	Pass
	5700	1.398	9.72	Pass
	5510	-1.260	9.72	Pass
802.11ax40	5590	-1.300	9.72	Pass
	5670	-1.900	9.72	Pass
000 11 ov 00	5530	-4.160	9.72	Pass
802.11ax80	5610	-4.160	9.72	Pass





7	Test Data of Co	onducted Output Powe	r Density for band 5.72	5-5.85 GHz-ANT	1
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail
	5745	-8.902	-1.912	30	Pass
802.11a	5785	-9.031	-2.041	30	Pass
	5825	-9.569	-2.579	30	Pass
	5745	-10.584	-3.594	30	Pass
802.11n20	5785	-10.855	-3.865	30	Pass
	5825	-10.992	-4.002	30	Pass
000 11 = 10	5755	-13.426	-6.436	30	Pass
802.11n40	5795	-13.663	-6.673	30	Pass
	5745	-10.557	-3.567	30	Pass
802.11ac20	5785	-10.875	-3.885	30	Pass
	5825	-10.739	-3.749	30	Pass
802.11ac40	5755	-13.563	-6.573	30	Pass
802.11ac40	5795	-13.610	-6.620	30	Pass
802.11ac80	5775	-15.986	-8.996	30	Pass
	5745	-11.406	-4.416	30	Pass
802.11ax20	5785	-11.892	-4.902	30	Pass
	5825	-11.820	-4.830	30	Pass
000 44 5 40	5755	-14.361	-7.371	30	Pass
802.11ax40	5795	-14.240	-7.250	30	Pass
802.11ax80	5775	-16.317	-9.327	30	Pass





7	Test Data of Conducted Output Power Density for band 5.725-5.85 GHz-ANT 2							
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail			
	5745	-8.801	-1.811	30	Pass			
802.11a	5785	-8.673	-1.683	30	Pass			
	5825	-9.064	-2.074	30	Pass			
	5745	-10.229	-3.239	30	Pass			
802.11n20	5785	-10.317	-3.327	30	Pass			
	5825	-10.762	-3.772	30	Pass			
000 11 5 10	5755	-13.238	-6.248	30	Pass			
802.11n40	5795	-13.348	-6.358	30	Pass			
	5745	-10.056	-3.066	30	Pass			
802.11ac20	5785	-10.526	-3.536	30	Pass			
	5825	-10.358	-3.378	30	Pass			
802.11ac40	5755	-13.076	-6.086	30	Pass			
802.11ac40	5795	-13.238	-6.248	30	Pass			
802.11ac80	5775	-15.512	-8.522	30	Pass			
	5745	-11.158	-4.168	30	Pass			
802.11ax20	5785	-11.065	-4.075	30	Pass			
	5825	-11.251	-4.261	30	Pass			
000 11 ov 10	5755	-13.888	-6.898	30	Pass			
802.11ax40	5795	-14.221	-7.231	30	Pass			
802.11ax80	5775	-16.157	-9.167	30	Pass			