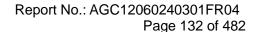
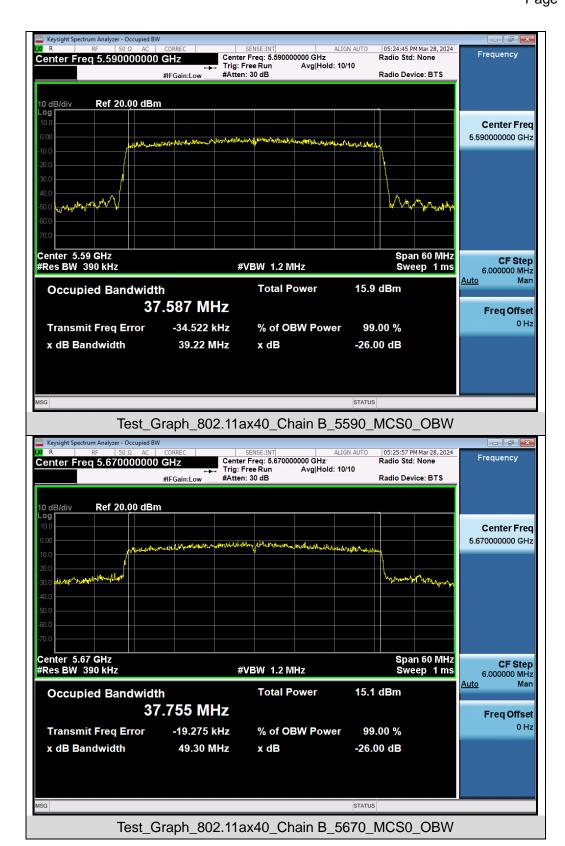


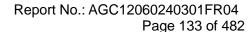
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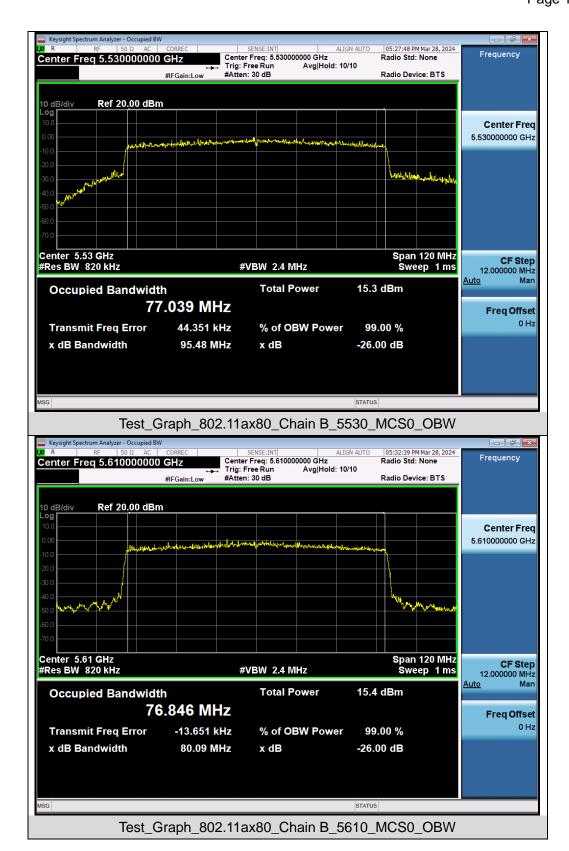


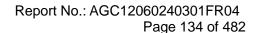


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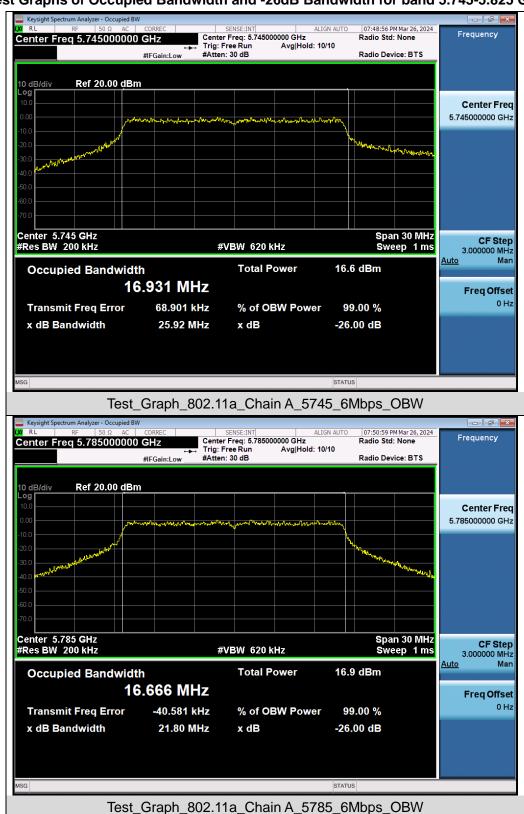


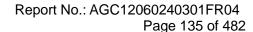




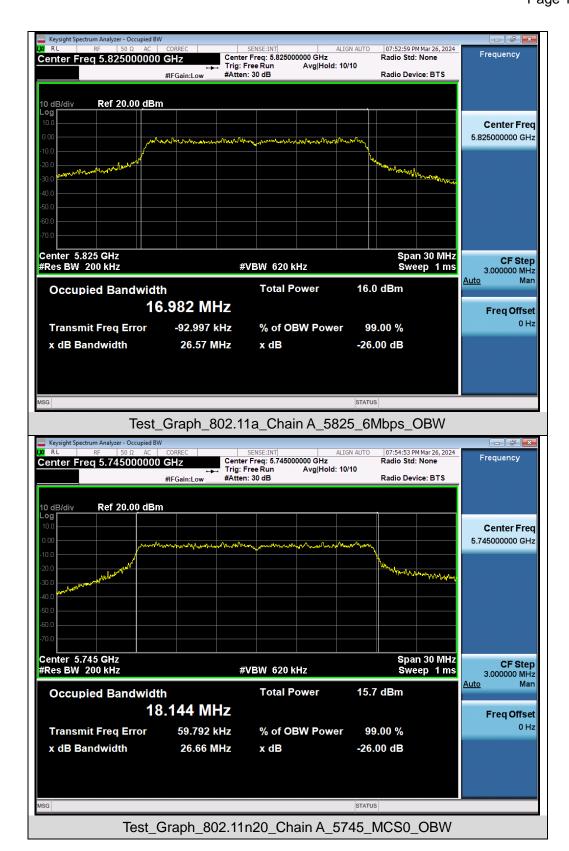


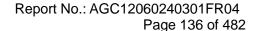
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.745-5.825 GHz



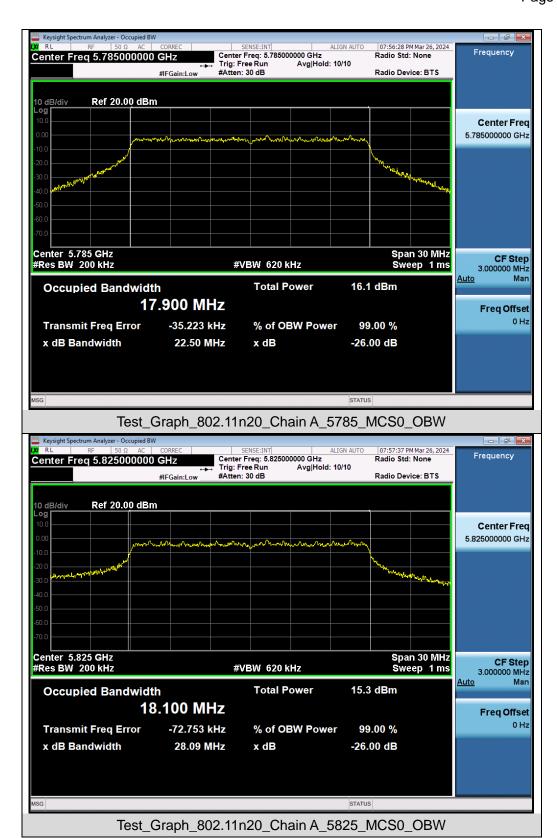


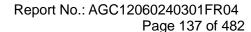




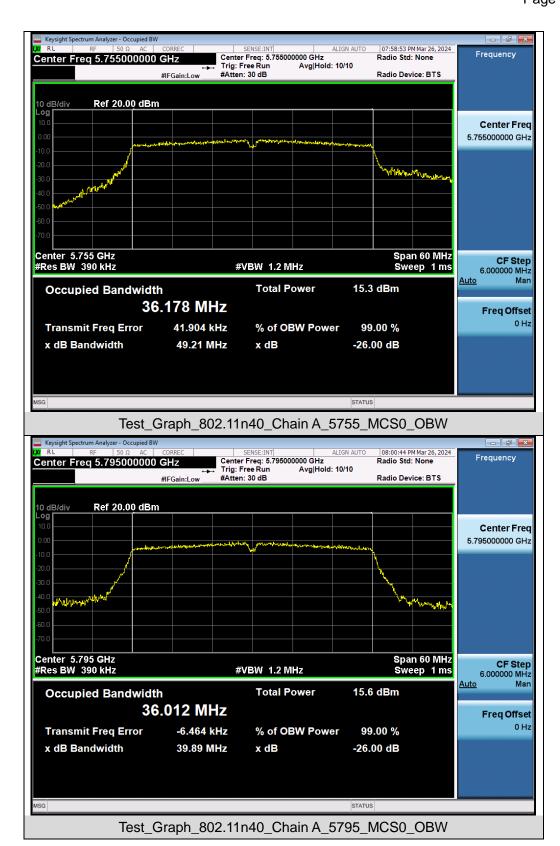


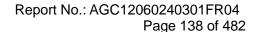




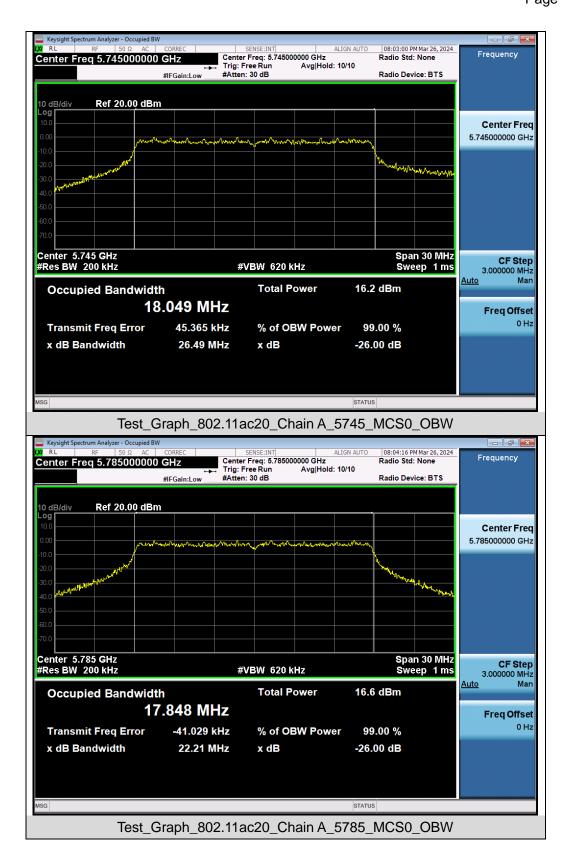


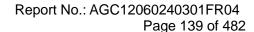




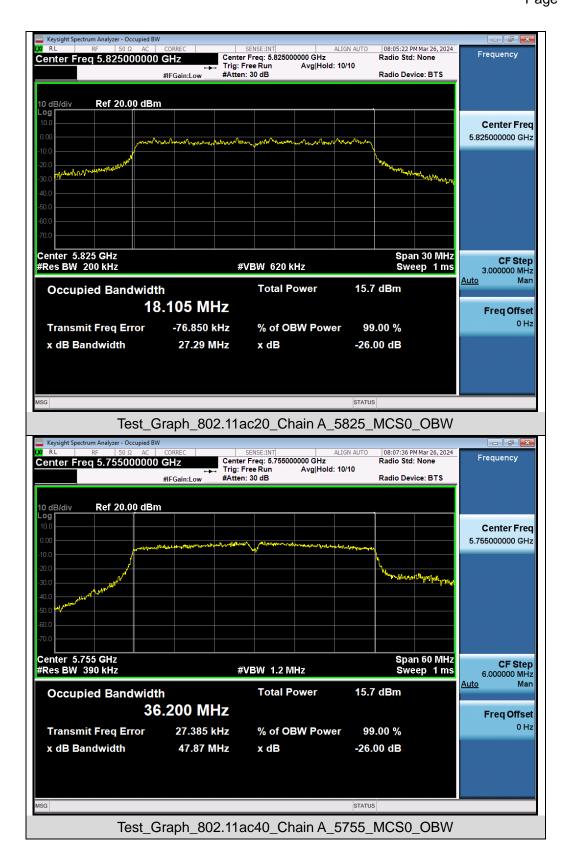


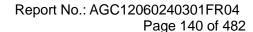




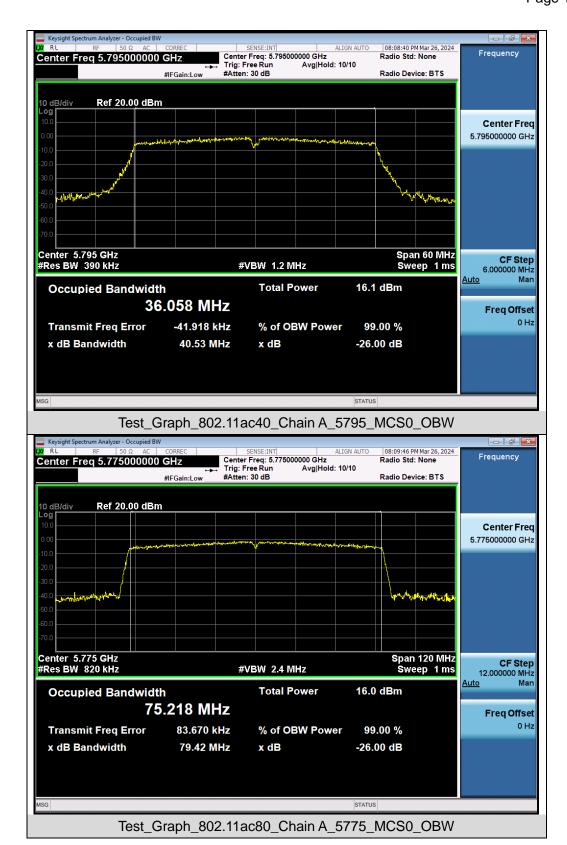


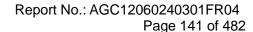






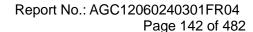




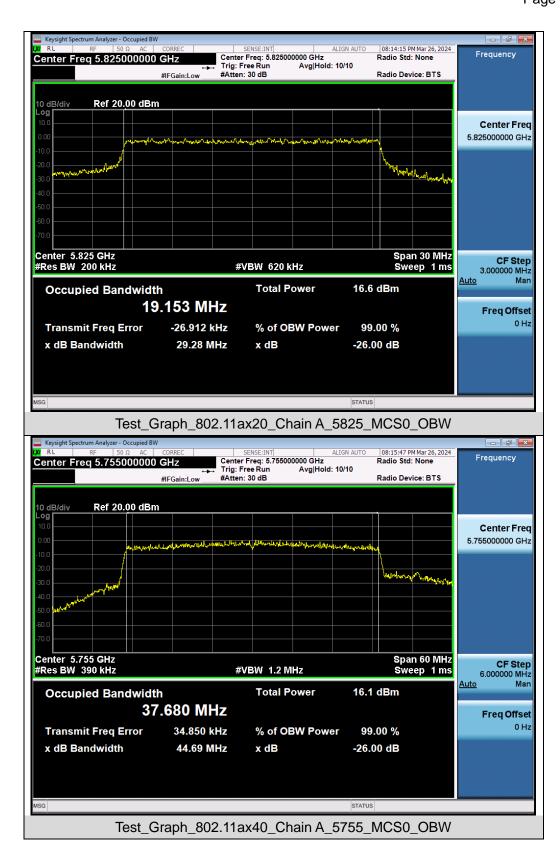


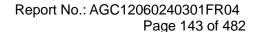




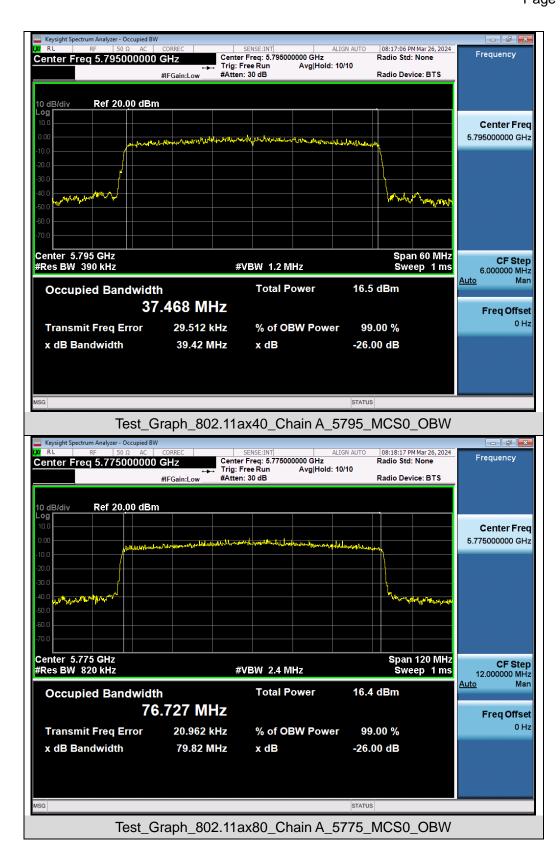






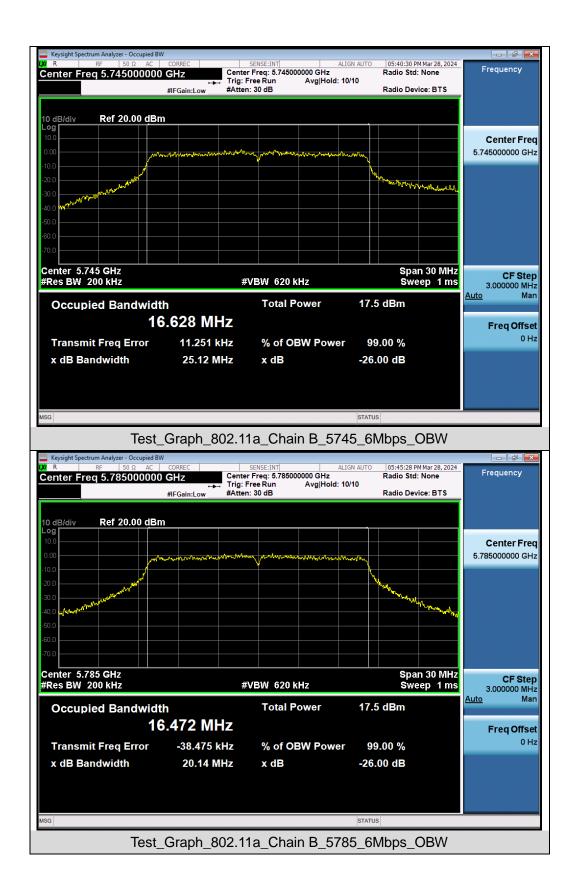




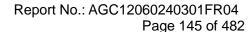


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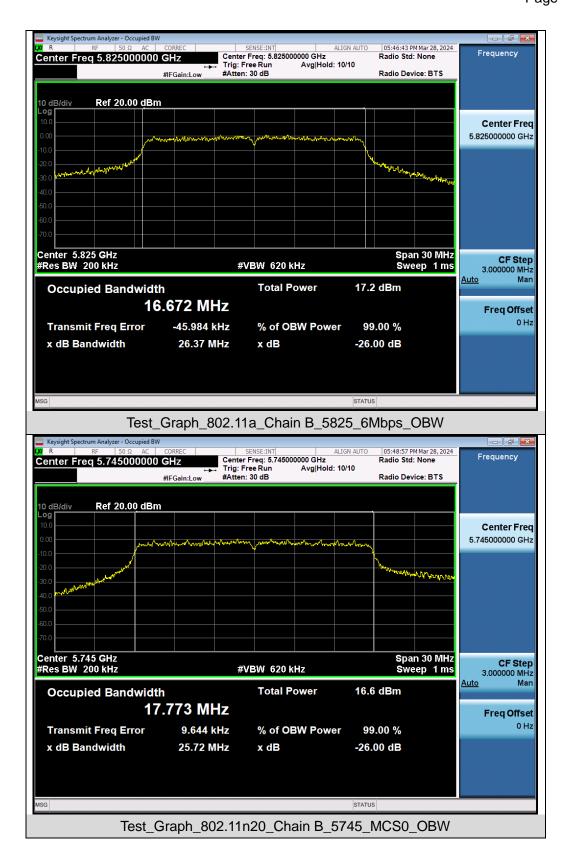


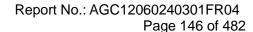


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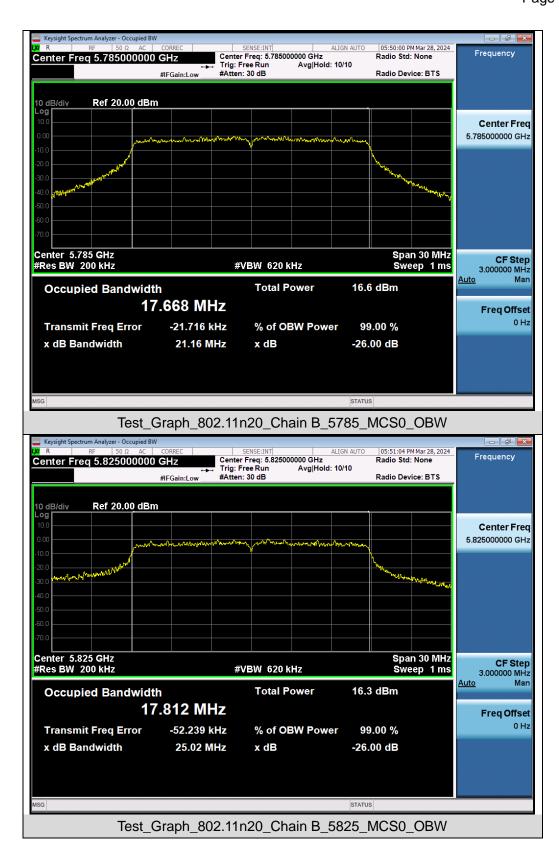


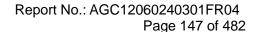




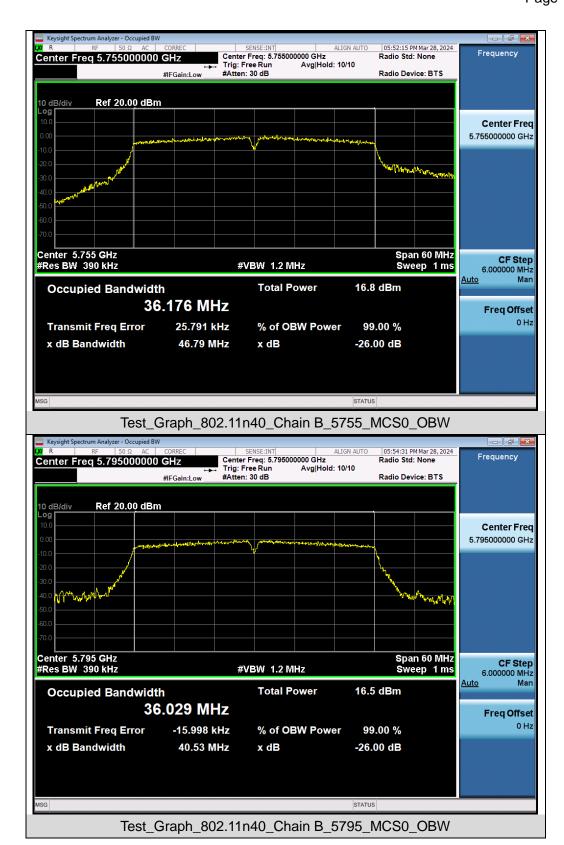


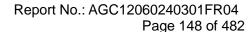




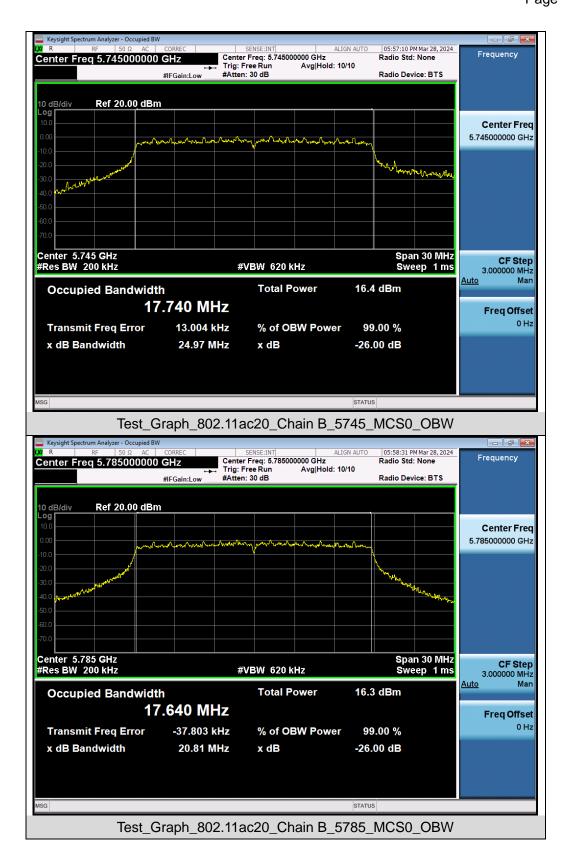


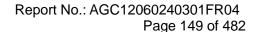




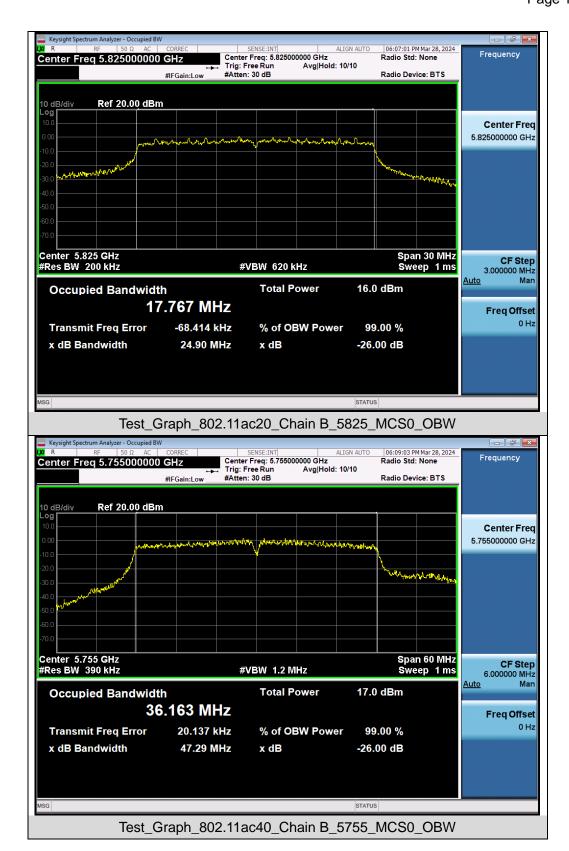


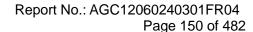




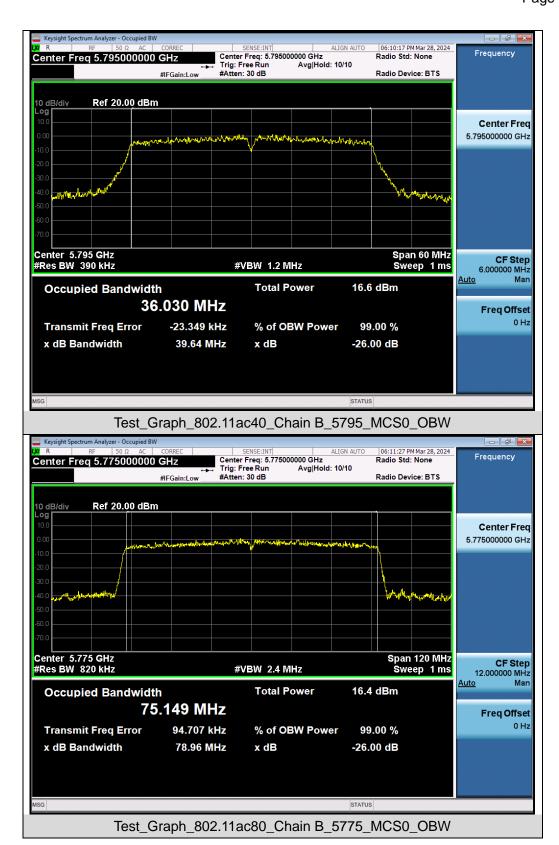


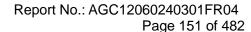




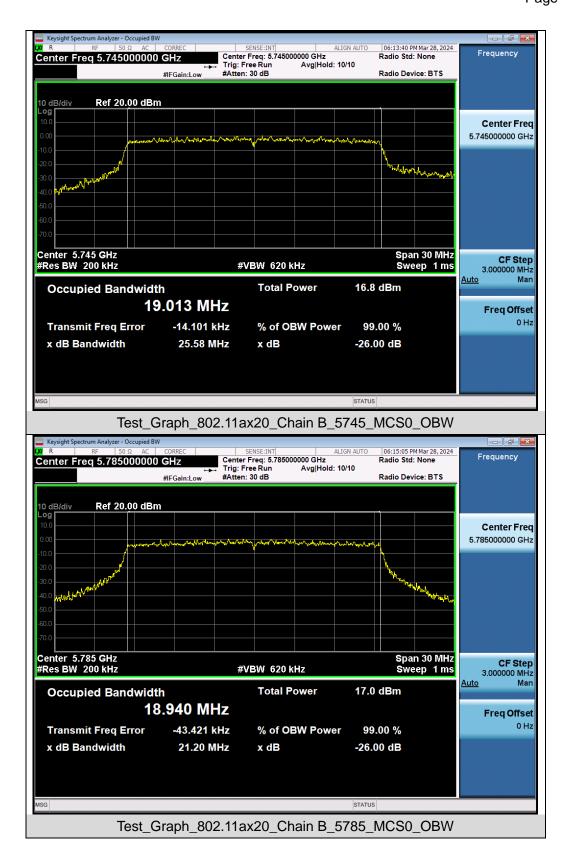


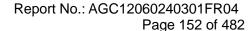




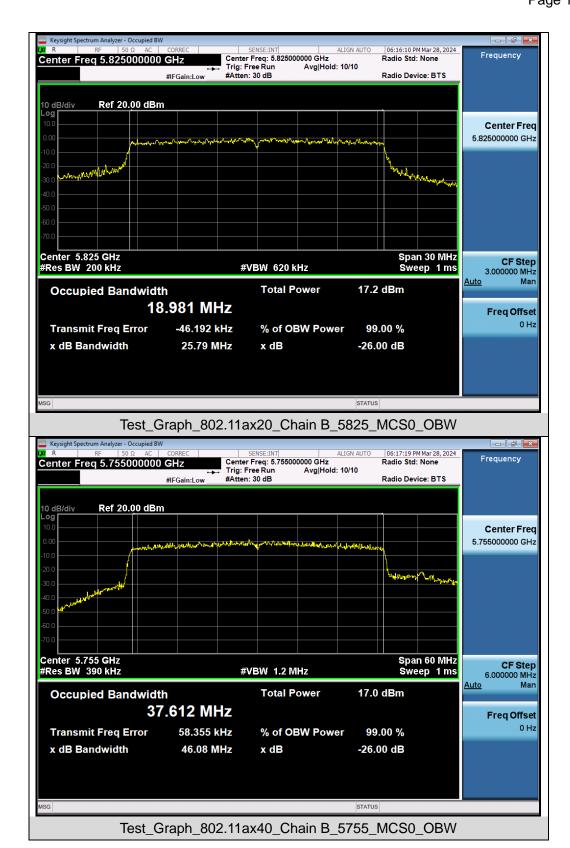


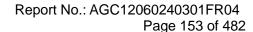




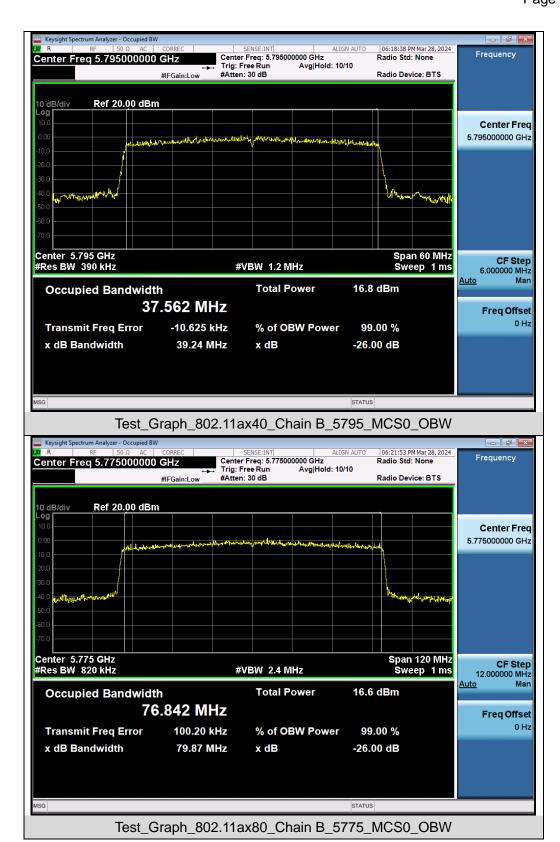




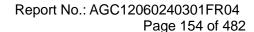








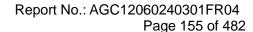
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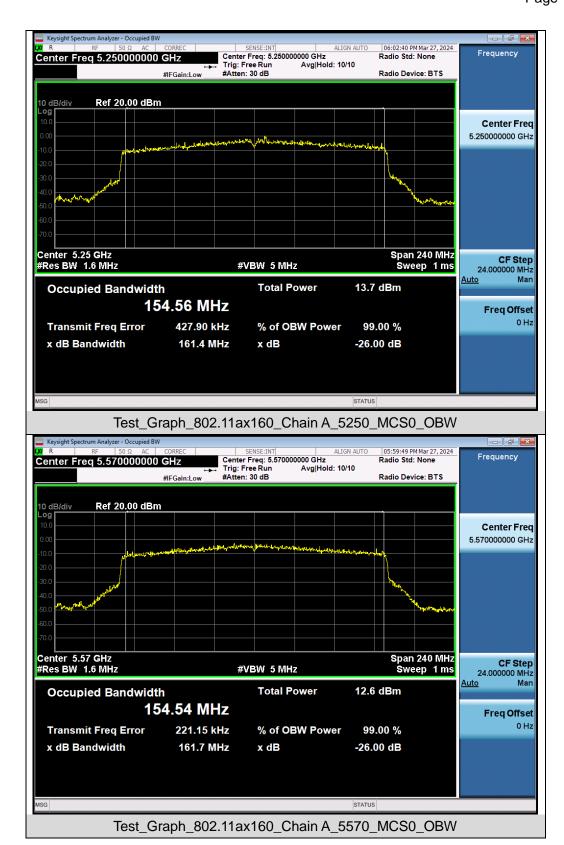


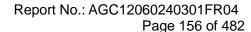
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.150-5.350/5.470-5.725 GHz



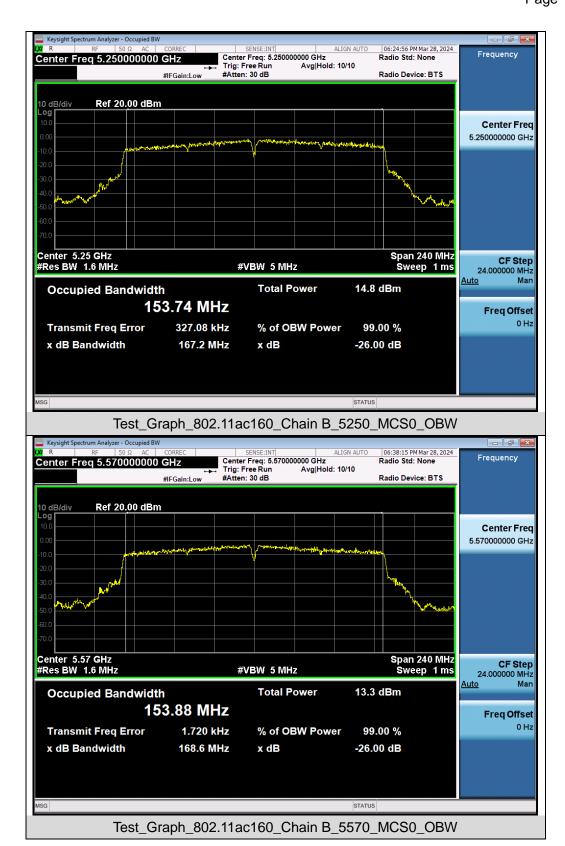




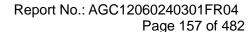




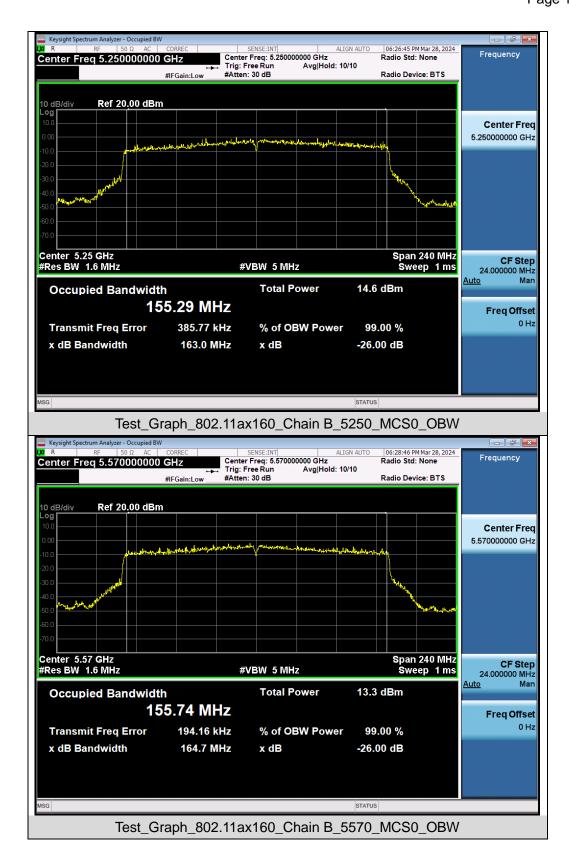


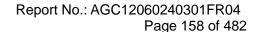


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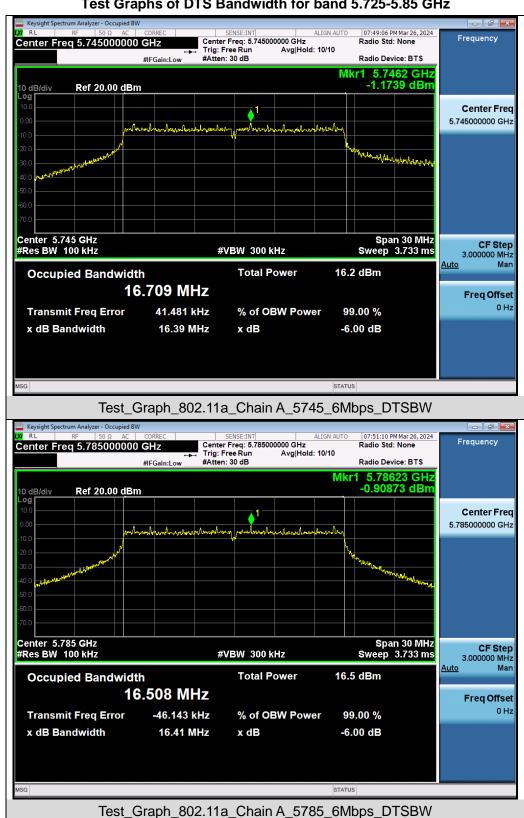


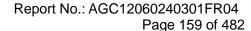




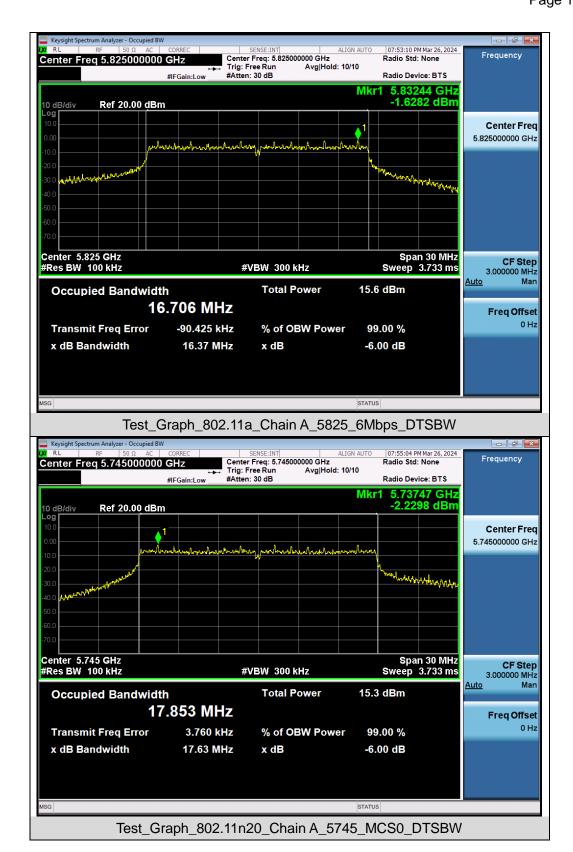


Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

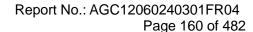




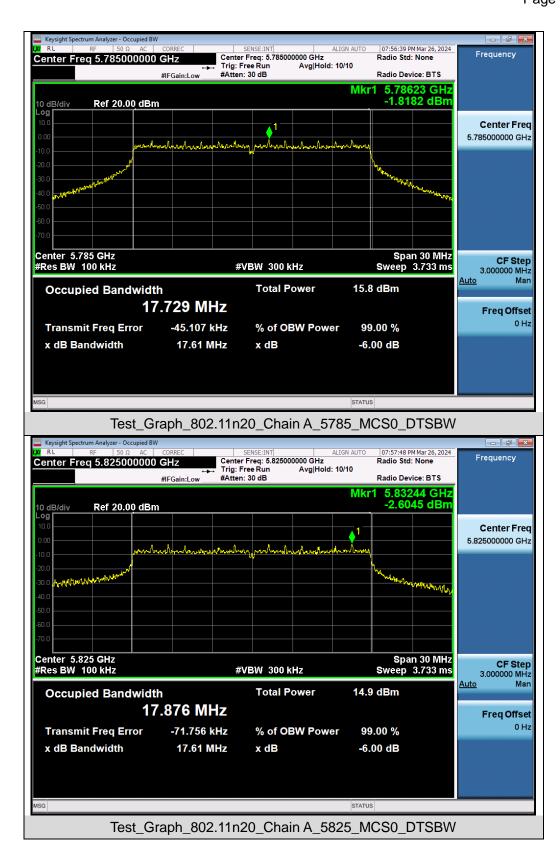


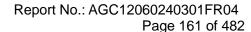


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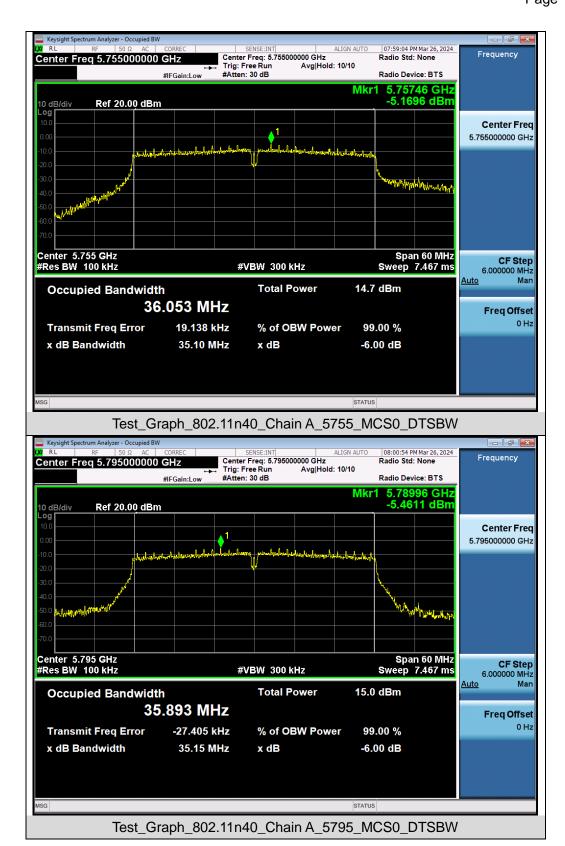


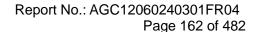




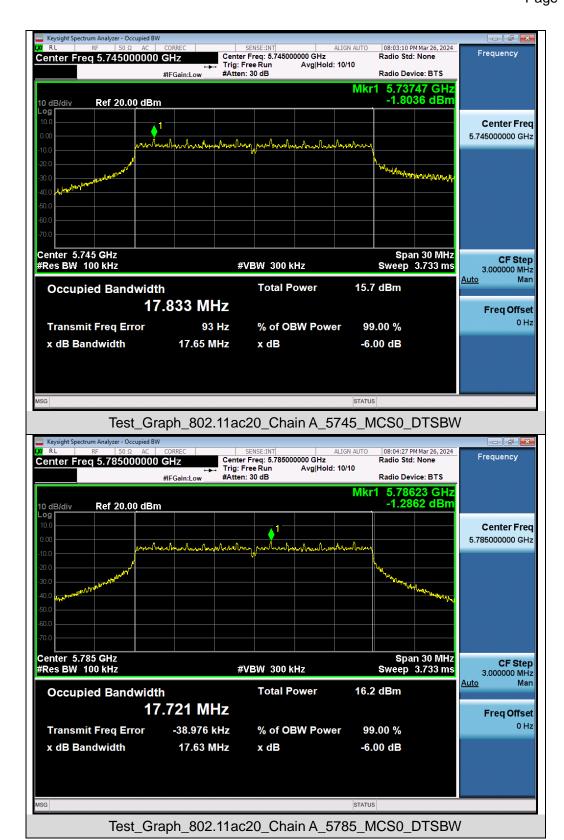


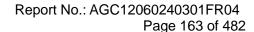




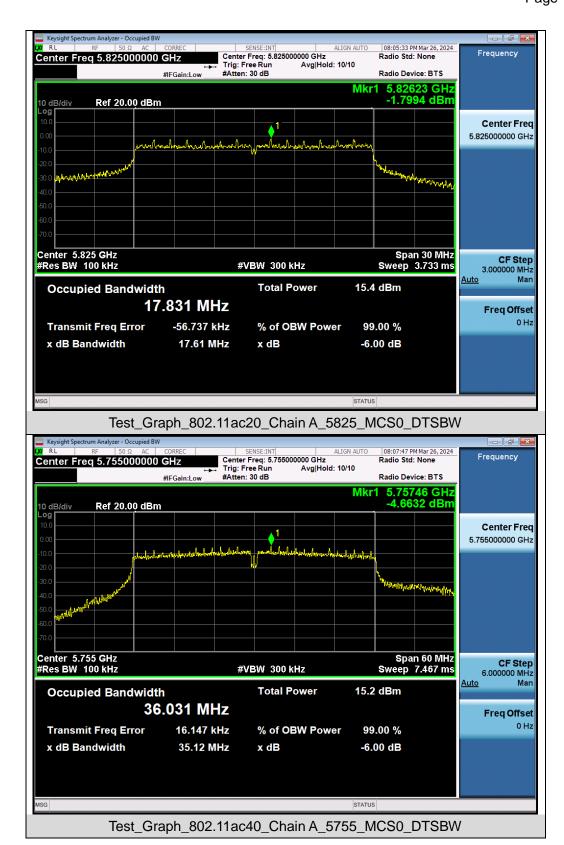


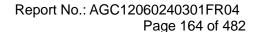




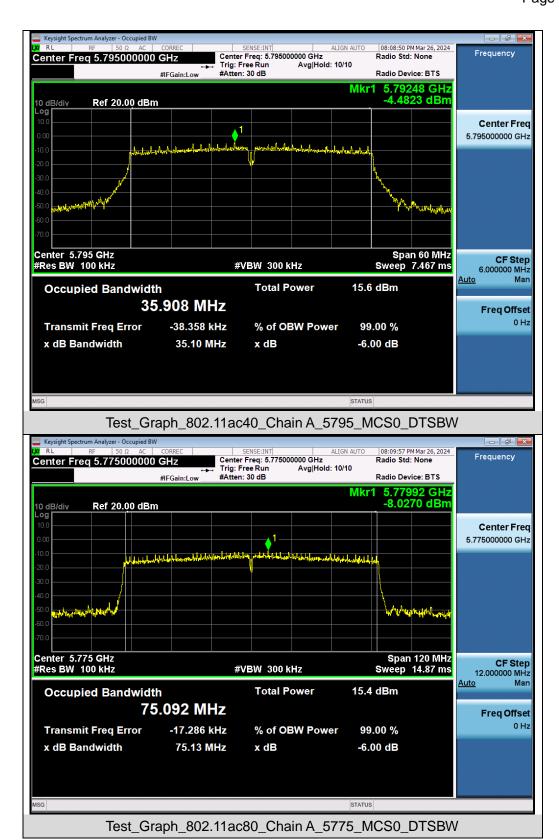




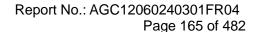




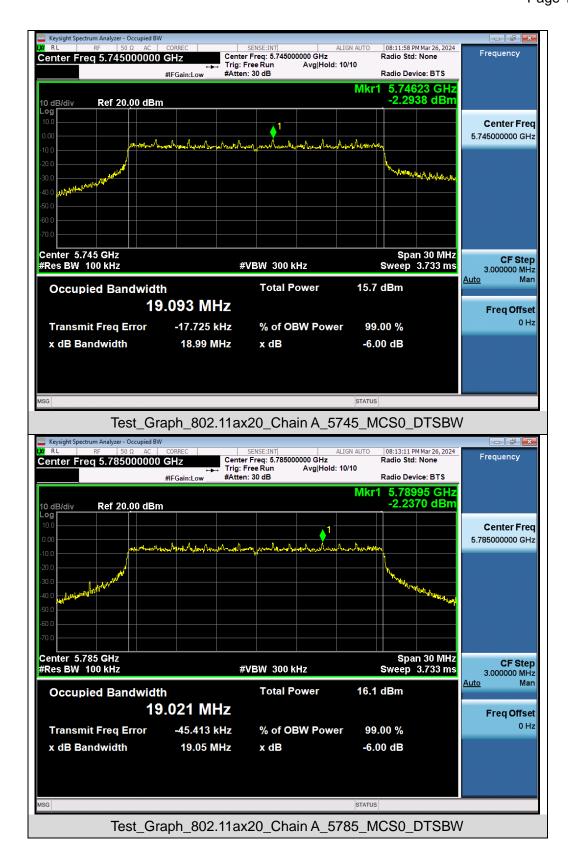


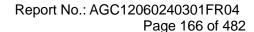


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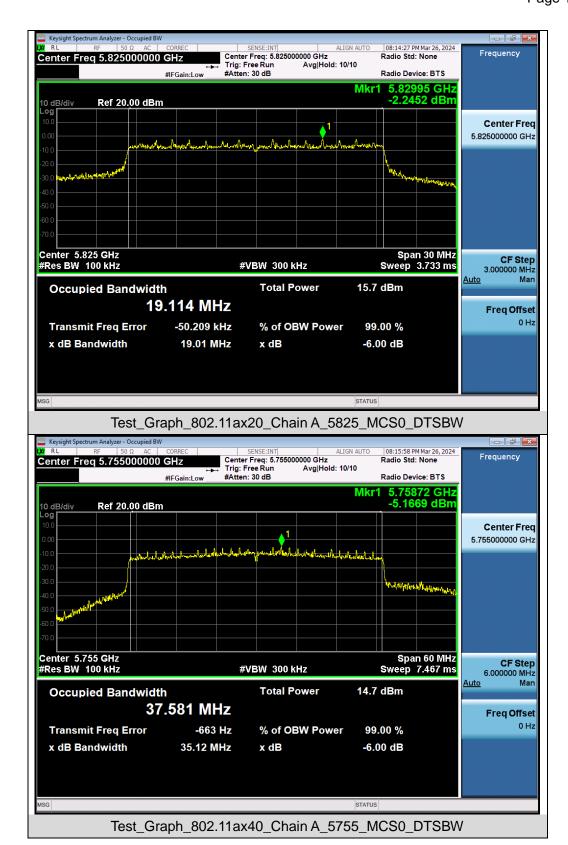


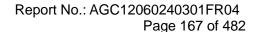




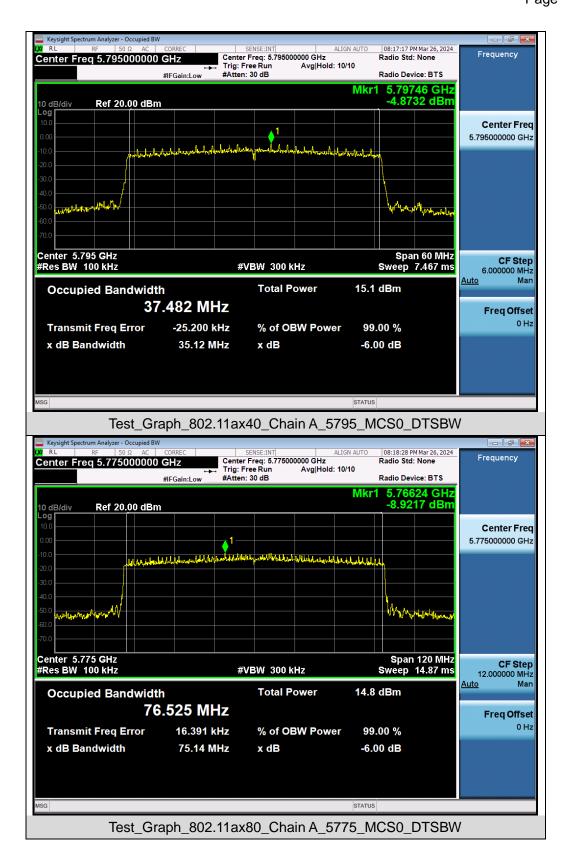




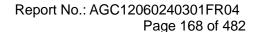




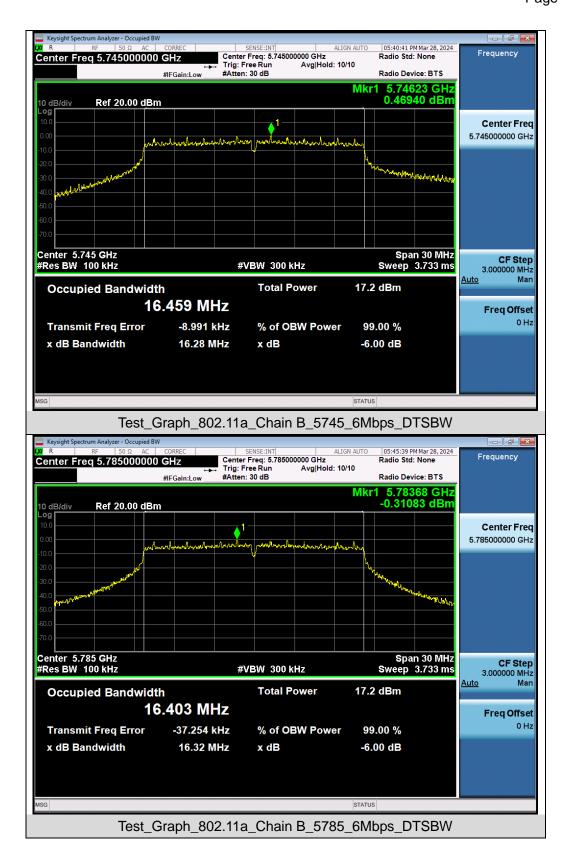


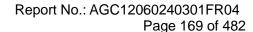


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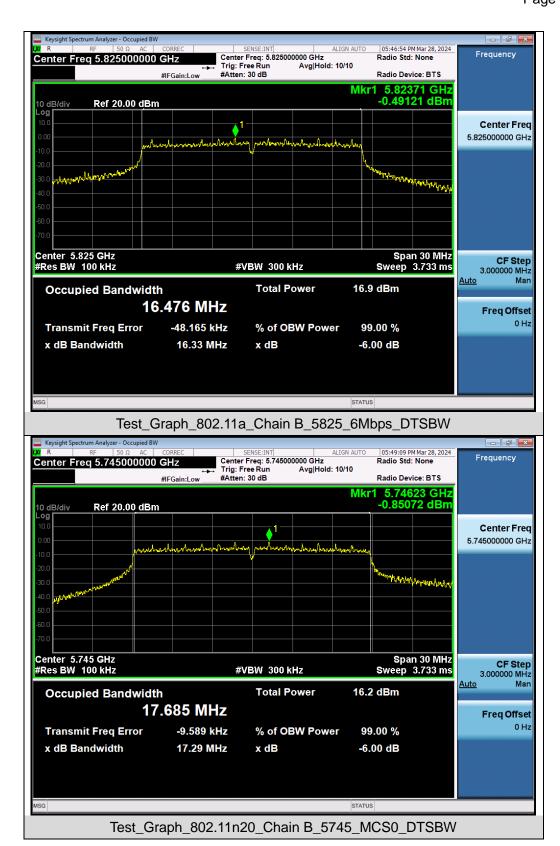




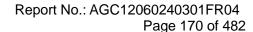




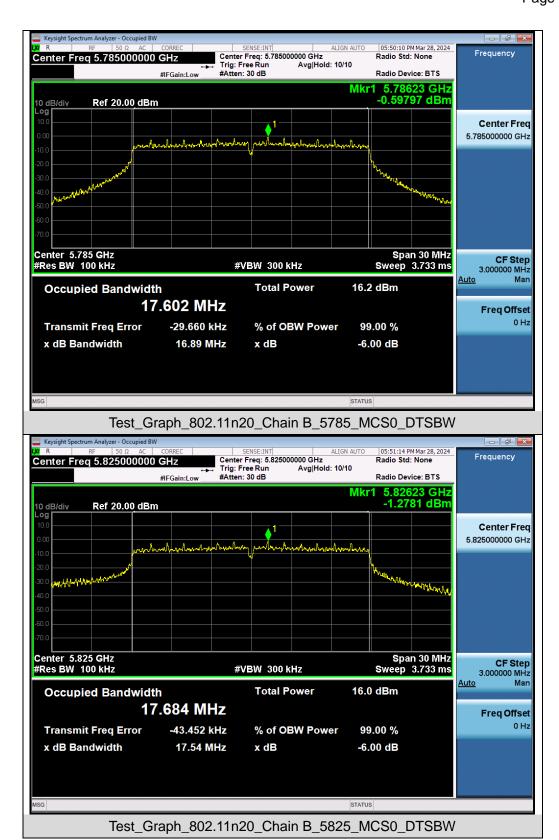




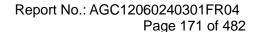
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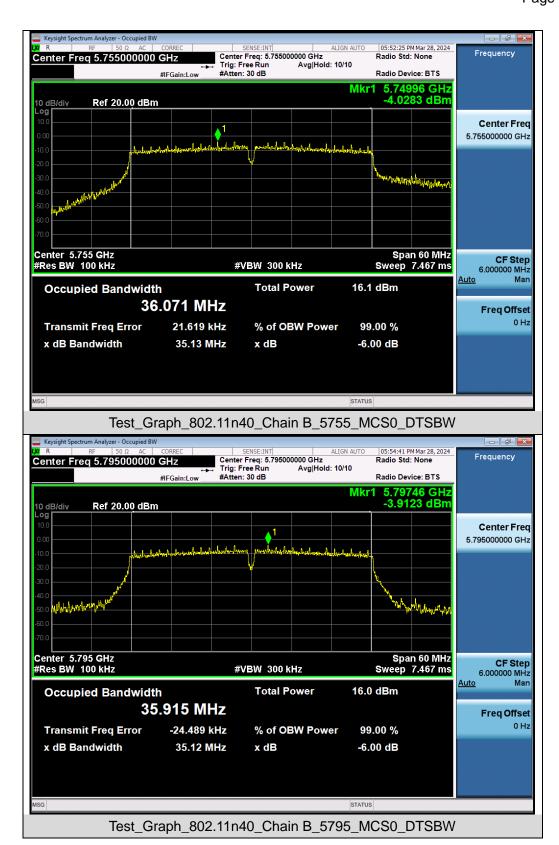


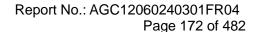


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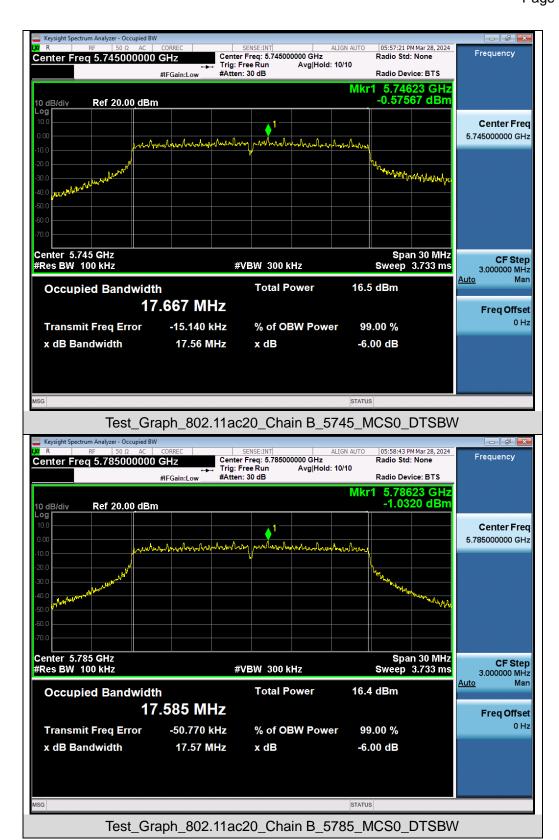


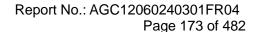




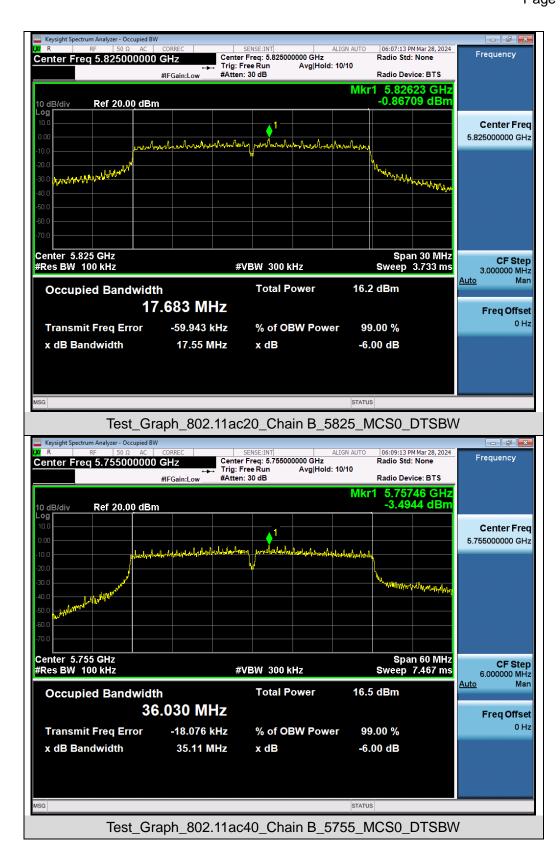


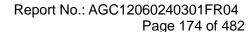




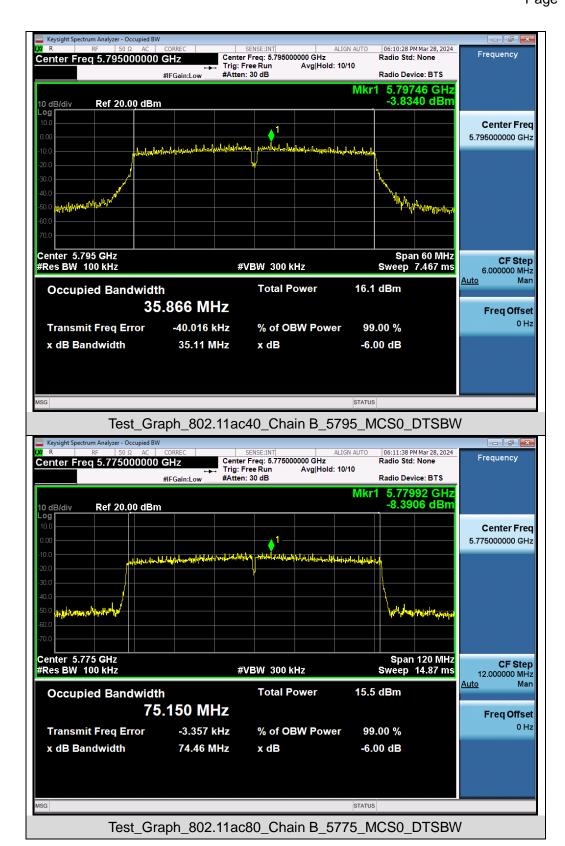




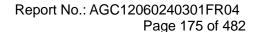




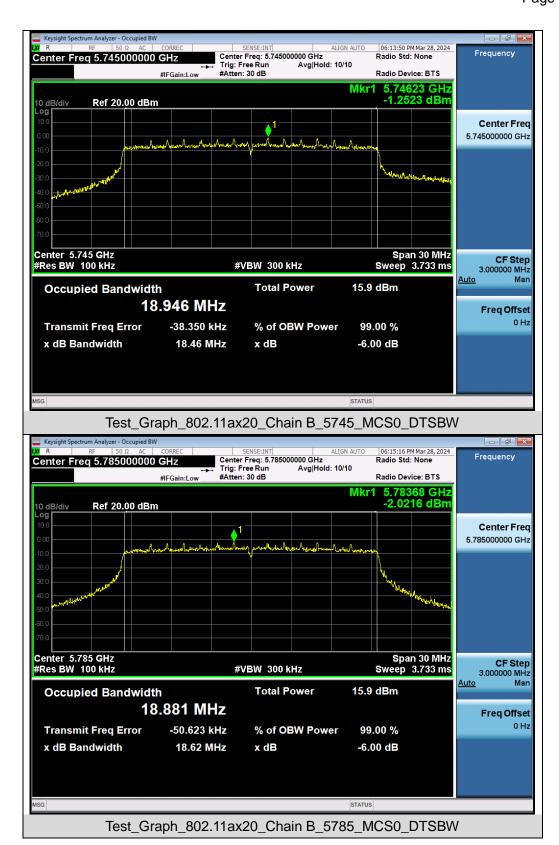


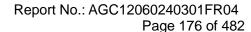


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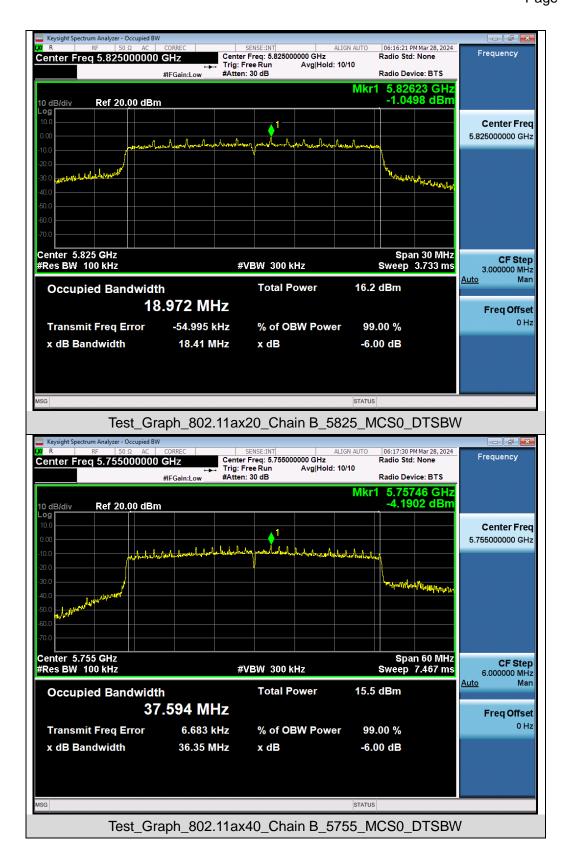




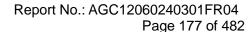




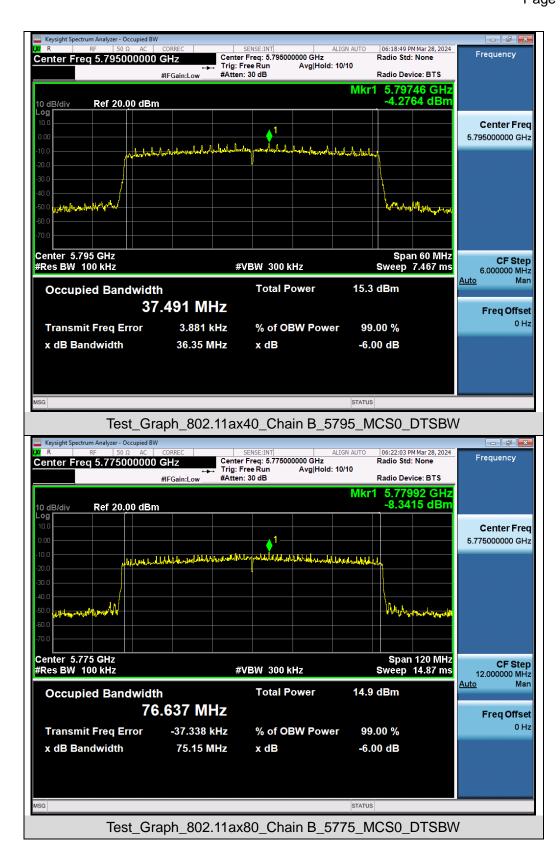




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9. Power Spectral Density Measurement

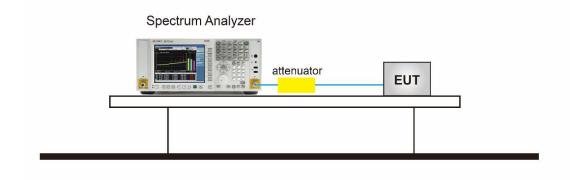
9.1 Provisions Applicable

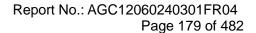
Operation Band	EUT Category		LIMIT
		Outdoor Access Point	17dBm/ MHz
U-NII-1		Fixed point-to-point Access Point	17dBm/ MHz
U-INII-1		Indoor Access Point	17dBm/ MHz
	\boxtimes	Client devices	11dBm/ MHz
U-NII-2A		/	11dBm/ MHz
U-NII-2C	/		11dBm/ MHz
U-NII-3	U-NII-3 /		30 dBm/500kHz

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)

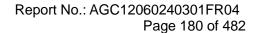






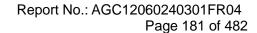
9.4 Measurement Result

Tes	Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-Chain A					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5180	-0.082	11	Pass		
802.11a	5200	-0.158	11	Pass		
	5240	-0.326	11	Pass		
	5180	-1.335	11	Pass		
802.11n20	5200	-1.374	11	Pass		
	5240	-1.768	11	Pass		
802.11n40	5190	-3.557	11	Pass		
002.111140	5230	-3.551	11	Pass		
	5180	-1.457	11	Pass		
802.11ac20	5200	-1.185	11	Pass		
	5240	-1.801	11	Pass		
802.11ac40	5190	-3.369	11	Pass		
802.11ac40	5230	-3.203	11	Pass		
802.11ac80	5210	-5.528	11	Pass		
	5180	-0.115	11	Pass		
802.11ax20	5200	-0.312	11	Pass		
	5240	0.325	11	Pass		
802.11ax40	5190	-3.712	11	Pass		
ou∠.11ax4U	5230	-3.596	11	Pass		
802.11ax80	5210	-6.198	11	Pass		



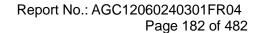


Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-Chain B					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5180	-0.987	11	Pass	
802.11a	5200	-0.641	11	Pass	
	5240	-0.283	11	Pass	
	5180	-1.971	11	Pass	
802.11n20	5200	-2.258	11	Pass	
	5240	-1.875	11	Pass	
802.11n40	5190	-4.418	11	Pass	
002.111140	5230	-4.446	11	Pass	
	5180	-3.541	11	Pass	
802.11ac20	5200	-3.023	11	Pass	
	5240	-2.548	11	Pass	
802.11ac40	5190	-5.126	11	Pass	
802.11ac40	5230	-4.365	11	Pass	
802.11ac80	5210	-7.593	11	Pass	
	5180	-2.661	11	Pass	
802.11ax20	5200	-2.928	11	Pass	
	5240	-2.522	11	Pass	
000 11 ov 10	5190	-4.920	11	Pass	
802.11ax40	5230	-4.631	11	Pass	
802.11ax80	5210	-8.691	11	Pass	



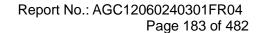


Tes	Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-Chain A						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail			
	5260	-2.263	11	Pass			
802.11a	5300	-1.662	11	Pass			
	5320	-0.722	11	Pass			
	5260	-3.580	11	Pass			
802.11n20	5300	-2.684	11	Pass			
	5320	-2.213	11	Pass			
000 44 = 40	5270	-5.444	11	Pass			
802.11n40	5310	-3.549	11	Pass			
	5260	-3.611	11	Pass			
802.11ac20	5300	-2.722	11	Pass			
	5320	-2.062	11	Pass			
000 44 = -40	5270	-6.330	11	Pass			
802.11ac40	5310	-4.431	11	Pass			
802.11ac80	5290	-8.055	11	Pass			
	5260	-3.348	11	Pass			
802.11ax20	5300	-2.757	11	Pass			
	5320	-2.216	11	Pass			
000 44 - 40	5270	-4.558	11	Pass			
802.11ax40	5310	-3.728	11	Pass			
802.11ax80	5290	-7.946	11	Pass			



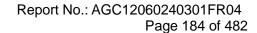


Tes	t Data of Conducted	Output Power Density for band 5	5.25-5.35 GHz-Cha	in B
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5260	-2.208	11	Pass
802.11a	5300	-1.001	11	Pass
	5320	-0.580	11	Pass
	5260	-3.524	11	Pass
802.11n20	5300	-2.513	11	Pass
	5320	-1.861	11	Pass
802.11n40	5270	-4.871	11	Pass
602.111140	5310	-3.547	11	Pass
	5260	-4.415	11	Pass
802.11ac20	5300	-3.505	11	Pass
	5320	-2.400	11	Pass
802.11ac40	5270	-5.924	11	Pass
802.11ac40	5310	-5.306	11	Pass
802.11ac80	5290	-8.371	11	Pass
	5260	-6.304	11	Pass
802.11ax20	5300	-5.654	11	Pass
	5320	-4.571	11	Pass
802.11ax40	5270	-5.952	11	Pass
002.118X40	5310	-4.559	11	Pass
802.11ax80	5290	-9.112	11	Pass



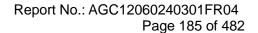


Test	Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-Chain A				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5500	-1.638	11	Pass	
802.11a	5600	-0.803	11	Pass	
	5700	-0.954	11	Pass	
	5500	-3.629	11	Pass	
802.11n20	5600	-2.418	11	Pass	
	5700	-2.304	11	Pass	
	5510	-5.402	11	Pass	
802.11n40	5590	-4.137	11	Pass	
	5670	-4.287	11	Pass	
	5500	-3.356	11	Pass	
802.11ac20	5600	-2.598	11	Pass	
	5700	-2.469	11	Pass	
	5510	-5.140	11	Pass	
802.11ac40	5590	-4.261	11	Pass	
	5670	-4.141	11	Pass	
802.11ac80	5530	-7.631	11	Pass	
002.118000	5610	-7.166	11	Pass	
	5500	-3.286	11	Pass	
802.11ax20	5600	-2.681	11	Pass	
	5700	-3.516	11	Pass	
	5510	-5.670	11	Pass	
802.11ax40	5590	-5.559	11	Pass	
	5670	-4.771	11	Pass	
802.11ax80	5530	-8.533	11	Pass	
002.114800	5610	-7.669	11	Pass	





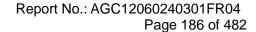
Test	Data of Conducted O	output Power Density for band 5.	470-5.725 GHz-Ch	ain B
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5500	-2.407	11	Pass
802.11a	5600	-1.102	11	Pass
	5700	-1.747	11	Pass
	5500	-3.571	11	Pass
802.11n20	5600	-2.582	11	Pass
	5700	-2.599	11	Pass
	5510	-4.953	11	Pass
802.11n40	5590	-5.382	11	Pass
	5670	-5.020	11	Pass
	5500	-3.471	11	Pass
802.11ac20	5600	-2.460	11	Pass
	5700	8.006	11	Pass
	5510	-5.016	11	Pass
802.11ac40	5590	-4.306	11	Pass
	5670	-3.819	11	Pass
000 44 = -00	5530	-8.636	11	Pass
802.11ac80	5610	-7.295	11	Pass
	5500	-4.230	11	Pass
802.11ax20	5600	-3.288	11	Pass
	5700	-3.529	11	Pass
	5510	-5.959	11	Pass
802.11ax40	5590	-5.000	11	Pass
	5670	-4.841	11	Pass
000 44 - 200	5530	-8.421	11	Pass
802.11ax80	5610	-7.557	11	Pass





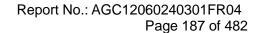
Test Data of Conducted Output Power Density for band 5.150-5.350/5.470-5.725 GHz-Chain A					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
802.11ac160	5250	-8.160	11	Pass	
602.11ac160	5570	-10.440	11	Pass	
802.11ax160	5250	-9.800	11	Pass	
	5570	-10.570	11	Pass	

Test Data of Conducted Output Power Density for band 5.150-5.350/5.470-5.725 GHz-Chain B					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
802.11ac160	5250	-5.649	11	Pass	
602.11ac160	5570	-11.366	11	Pass	
802.11ax160	5250	-11.529	11	Pass	
	5570	-11.621	11	Pass	



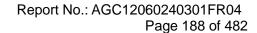


Te	Test Data of Conducted Output Power Density for band 5.725-5.85 GHz-Chain A						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail		
	5745	-9.156	-2.166	30	Pass		
802.11a	5785	-9.964	-2.974	30	Pass		
	5825	-11.622	-4.632	30	Pass		
	5745	-10.457	-3.467	30	Pass		
802.11n20	5785	-11.067	-4.077	30	Pass		
	5825	-12.942	-5.952	30	Pass		
000 11 = 10	5755	-12.743	-5.753	30	Pass		
802.11n40	5795	-13.951	-6.961	30	Pass		
	5745	-10.497	-3.507	30	Pass		
802.11ac20	5785	-11.073	-4.083	30	Pass		
	5825	-12.984	-5.994	30	Pass		
802.11ac40	5755	-11.836	-4.846	30	Pass		
802.11ac40	5795	-13.866	-6.876	30	Pass		
802.11ac80	5775	-15.181	-8.191	30	Pass		
	5745	-11.435	-4.445	30	Pass		
802.11ax20	5785	-12.03	-5.040	30	Pass		
	5825	-14.26	-7.270	30	Pass		
000 44 5 40	5755	-12.27	-5.280	30	Pass		
802.11ax40	5795	-13.377	-6.387	30	Pass		
802.11ax80	5775	-16.563	-9.573	30	Pass		



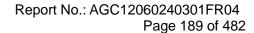


Te	est Data of Co	nducted Output Power	Density for band 5.725	-5.85 GHz-Chain	В
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail
	5745	-9.713	-2.723	30	Pass
802.11a	5785	-10.955	-3.965	30	Pass
	5825	-8.577	-1.587	30	Pass
	5745	-11.621	-4.631	30	Pass
802.11n20	5785	-12.623	-5.633	30	Pass
	5825	-14.344	-7.354	30	Pass
000 44 = 40	5755	-13.648	-6.658	30	Pass
802.11n40	5795	-14.991	-8.001	30	Pass
	5745	-11.908	-4.918	30	Pass
802.11ac20	5785	-12.486	-5.496	30	Pass
	5825	-14.488	-7.498	30	Pass
802.11ac40	5755	-14.165	-7.175	30	Pass
802.11ac40	5795	-14.862	-7.872	30	Pass
802.11ac80	5775	-15.894	-8.904	30	Pass
	5745	-12.920	-5.930	30	Pass
802.11ax20	5785	-14.222	-7.232	30	Pass
	5825	-14.566	-7.576	30	Pass
000 11 ov 40	5755	-14.100	-7.110	30	Pass
802.11ax40	5795	-15.650	-8.660	30	Pass
802.11ax80	5775	-17.005	-10.015	30	Pass



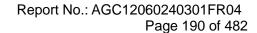


Te	Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-Total					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5180	1.37	11	Pass		
802.11n20	5200	1.22	11	Pass		
	5240	1.19	11	Pass		
000 44=40	5190	-0.96	11	Pass		
802.11n40	5230	-0.97	11	Pass		
	5180	0.64	11	Pass		
802.11ac20	5200	1.00	11	Pass		
	5240	0.85	11	Pass		
000 44 40	5190	-1.15	11	Pass		
802.11ac40	5230	-0.73	11	Pass		
802.11ac80	5210	-3.83	11	Pass		
	5180	1.81	11	Pass		
802.11ax20	5200	1.58	11	Pass		
	5240	2.14	11	Pass		
000 44 - 440	5190	-1.26	11	Pass		
802.11ax40	5230	-1.07	11	Pass		
802.11ax80	5210	-4.26	11	Pass		





Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-Total						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
802.11n20	5180	-0.54	11	Pass		
	5200	0.41	11	Pass		
	5240	0.98	11	Pass		
802.11n40	5190	-2.14	11	Pass		
	5230	-0.54	11	Pass		
	5180	-0.98	11	Pass		
802.11ac20	5200	-0.09	11	Pass		
	5240	0.78	11	Pass		
000 44 = -40	5190	-3.11	11	Pass		
802.11ac40	5230	-1.84	11	Pass		
802.11ac80	5210	-5.20	11	Pass		
	5180	-1.57	11	Pass		
802.11ax20	5200	-0.96	11	Pass		
	5240	-0.23	11	Pass		
802.11ax40	5190	-2.19	11	Pass		
	5230	-1.11	11	Pass		
802.11ax80	5210	-5.48	11	Pass		





Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-Total					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
802.11n20	5500	-0.59	11	Pass	
	5600	0.51	11	Pass	
	5700	0.56	11	Pass	
802.11n40	5510	-2.16	11	Pass	
	5590	-1.70	11	Pass	
	5670	-1.63	11	Pass	
802.11ac20	5500	-0.40	11	Pass	
	5600	0.48	11	Pass	
	5700	8.38	11	Pass	
802.11ac40	5510	-2.07	11	Pass	
	5590	-1.27	11	Pass	
	5670	-0.97	11	Pass	
802.11ac80	<mark>5530</mark>	<mark>-5.09</mark>	11	Pass	
	<mark>5610</mark>	-4.22	11	Pass	
802.11ax20	5500	-0.72	11	Pass	
	5600	0.04	11	Pass	
	5700	-0.51	11	Pass	
802.11ax40	5510	-2.80	11	Pass	
	5590	-2.26	11	Pass	
	5670	-1.80	11	Pass	
802.11ax80	<mark>5530</mark>	-5.47	11	Pass	
	<mark>5610</mark>	-4.60	11	Pass	