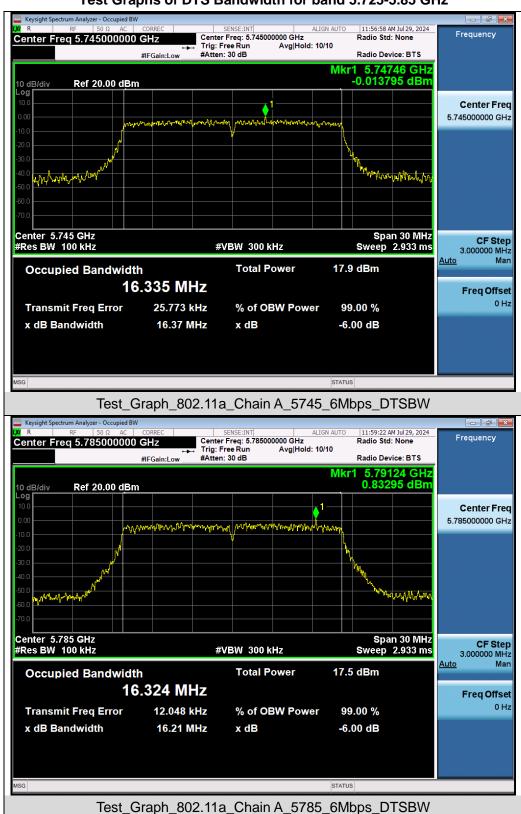
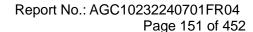


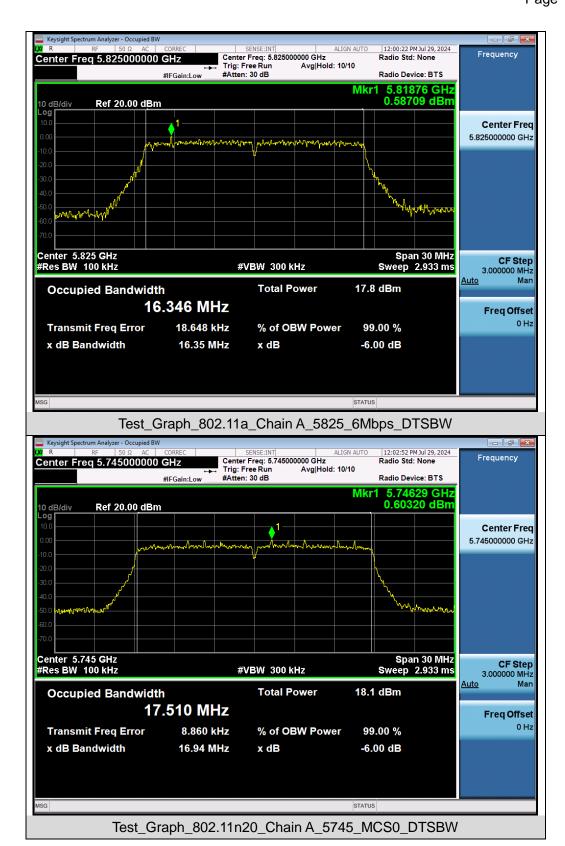


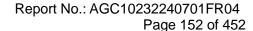
Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz



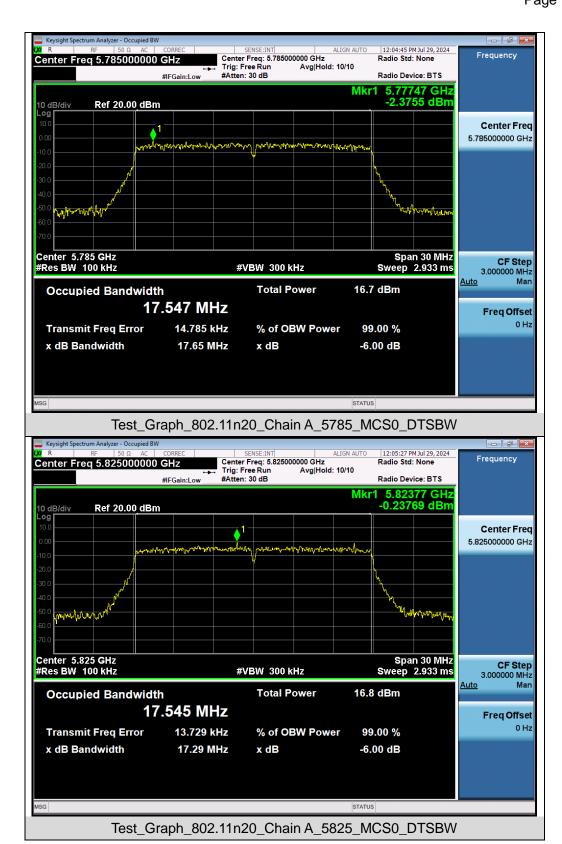


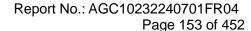




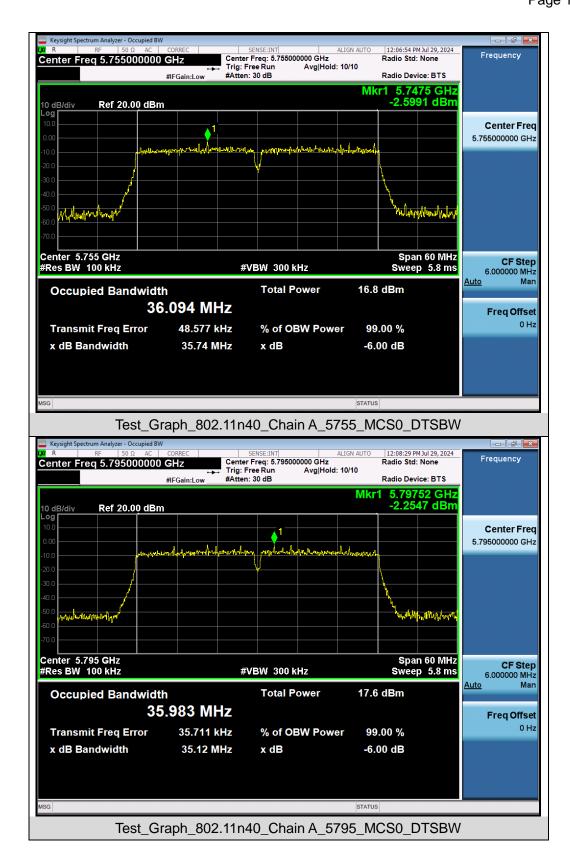


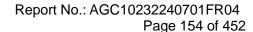




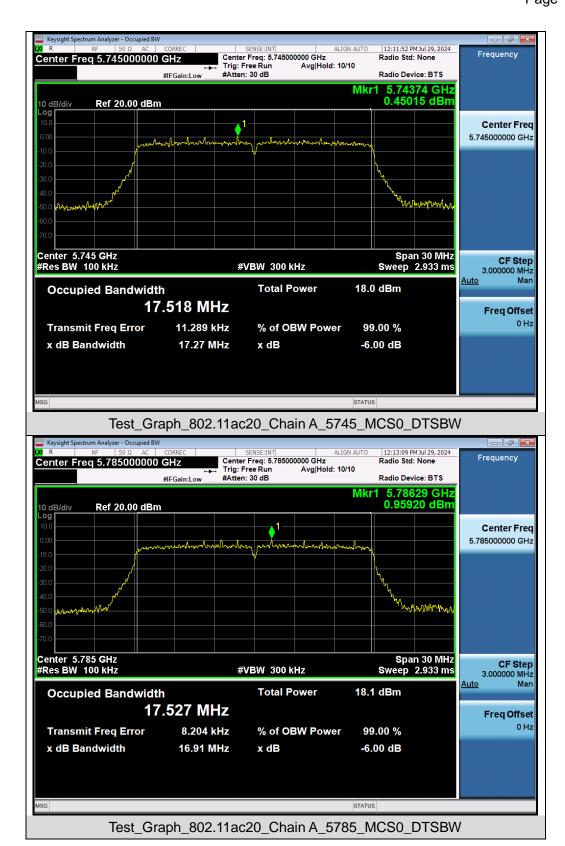


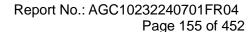




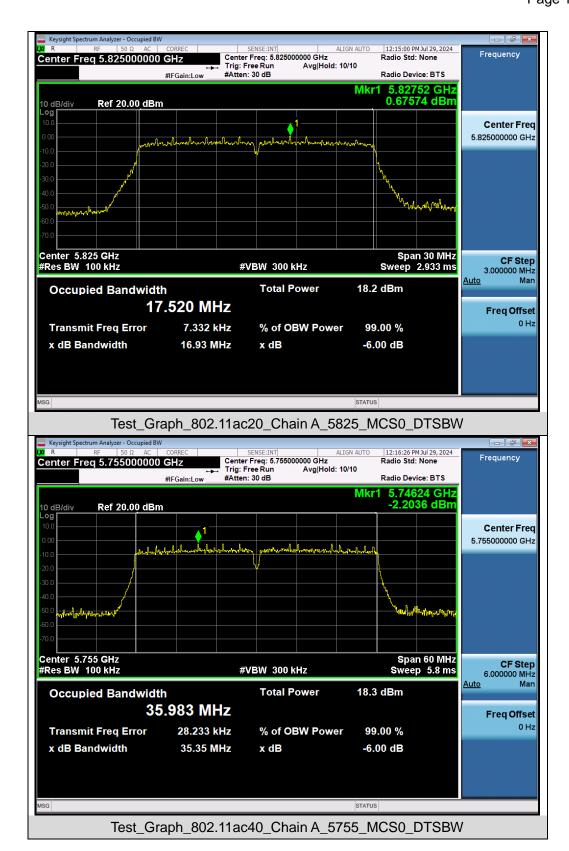


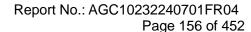




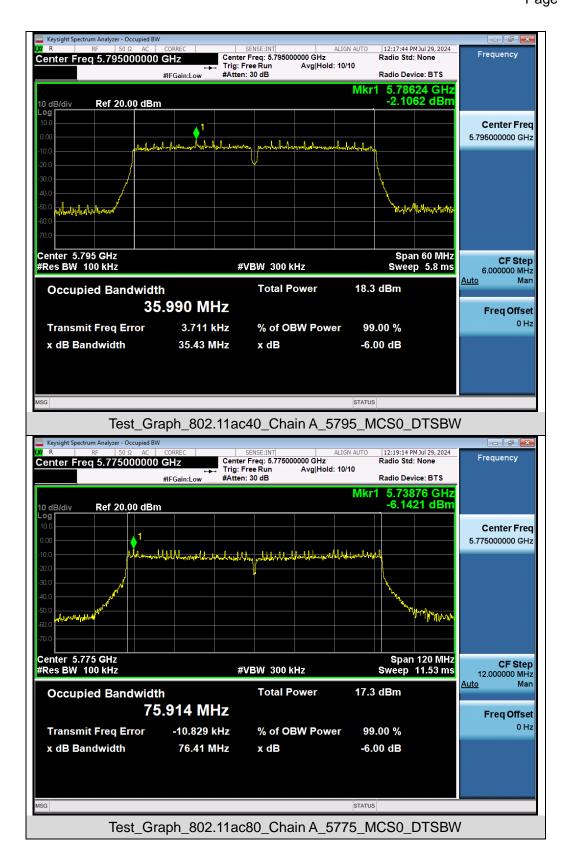


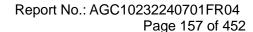




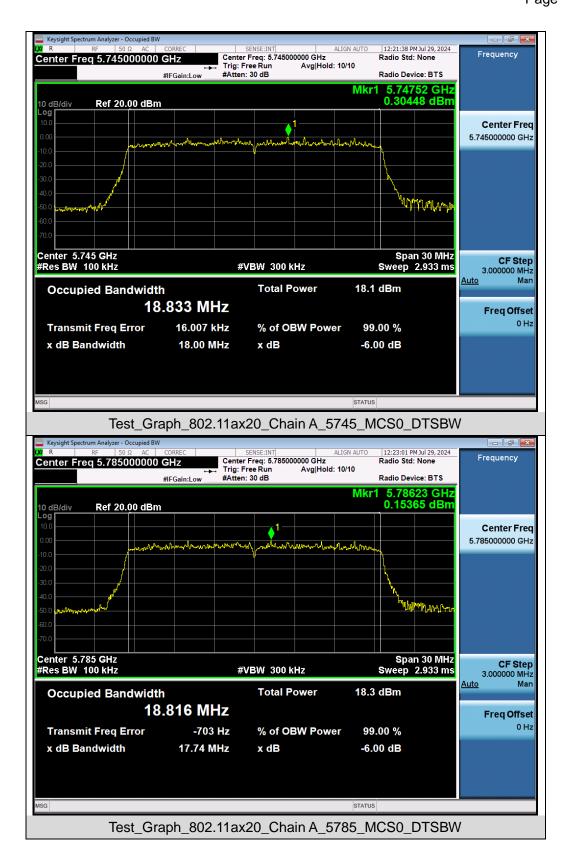


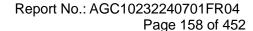




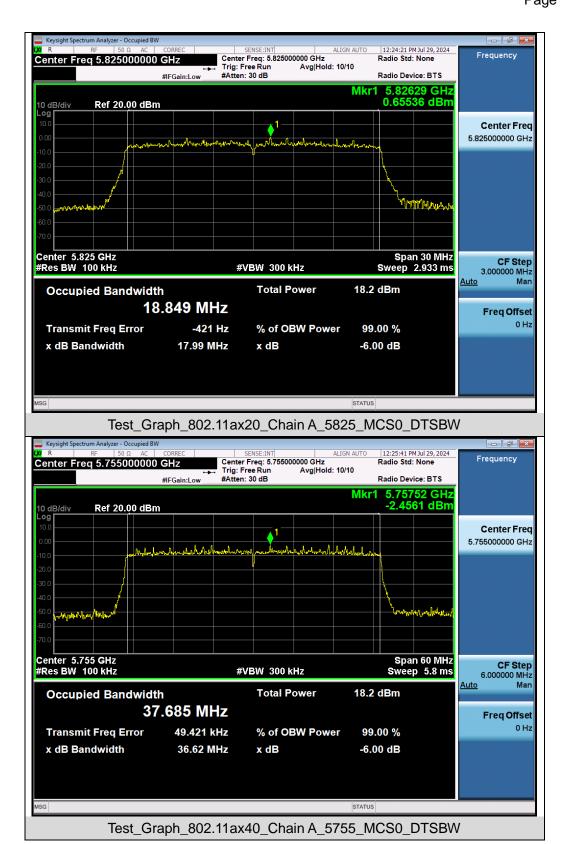


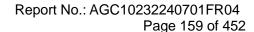




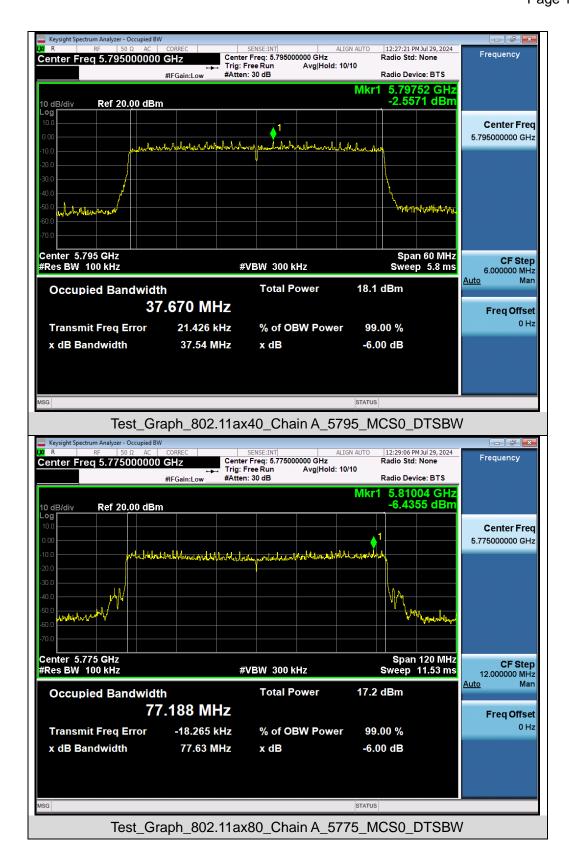


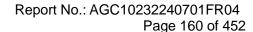




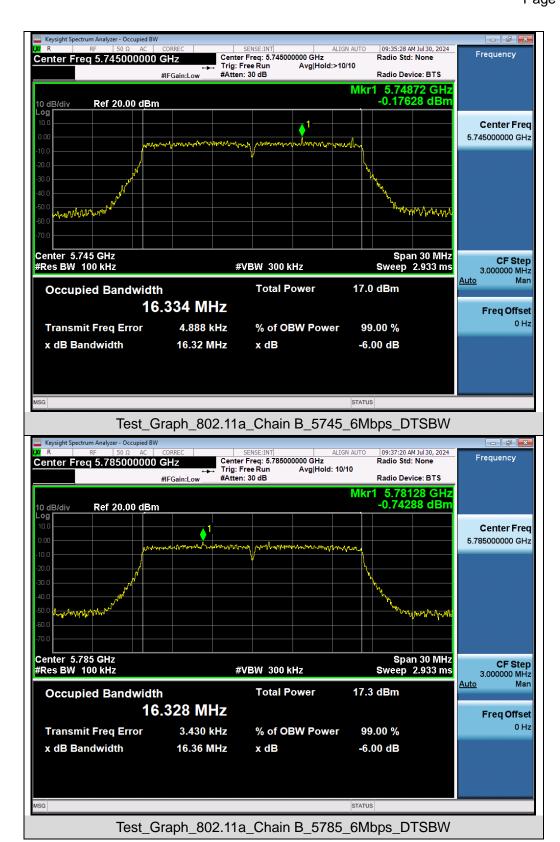


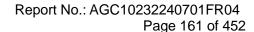




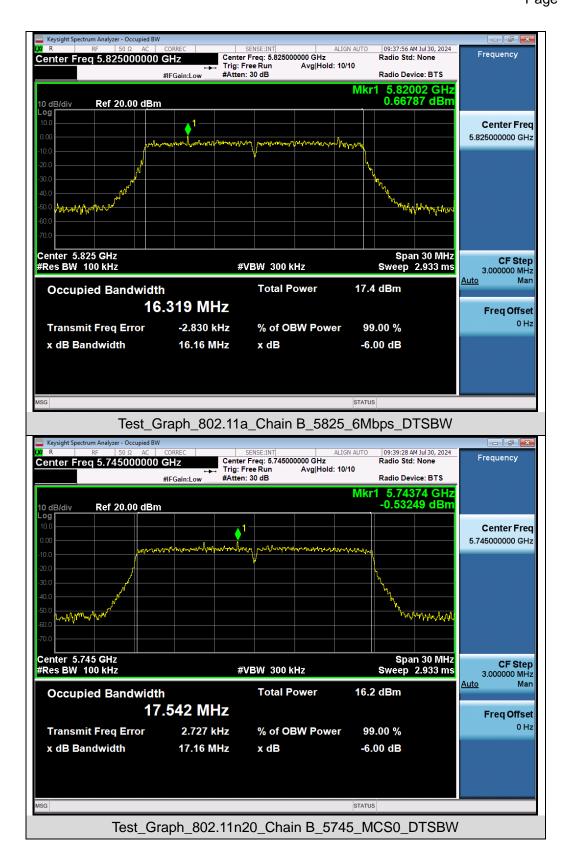


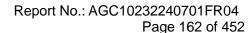




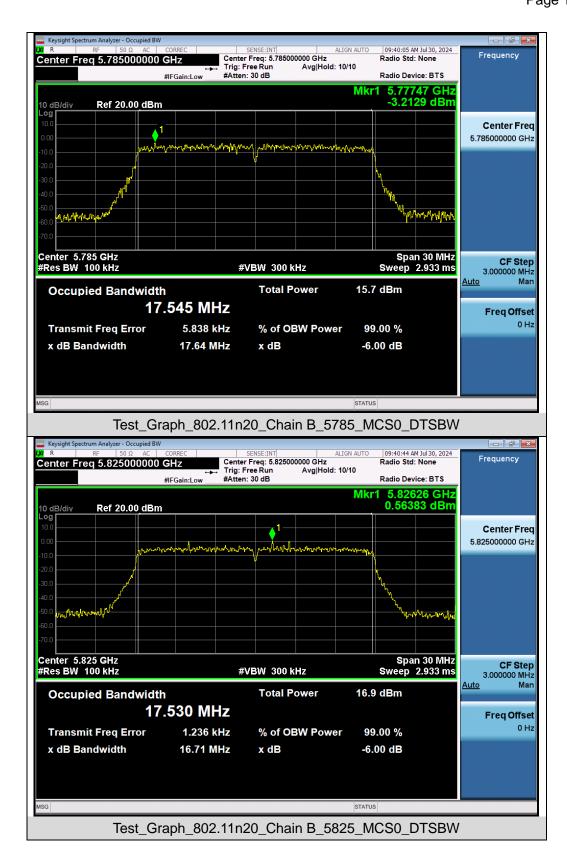


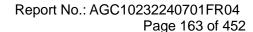




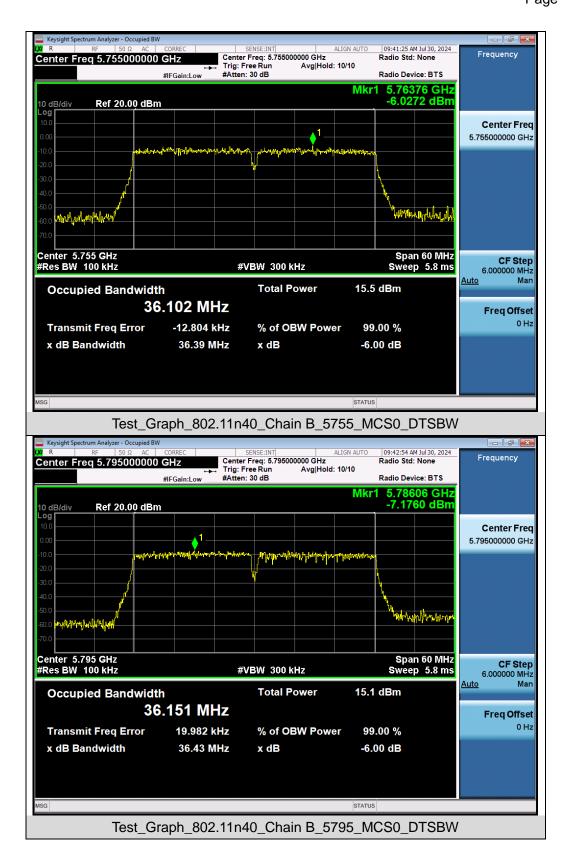


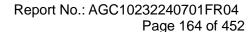




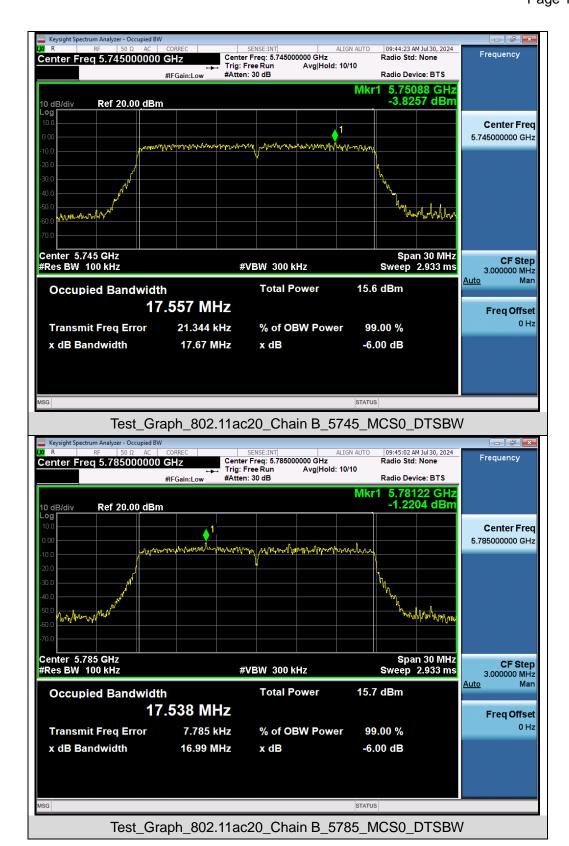


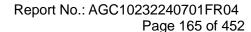




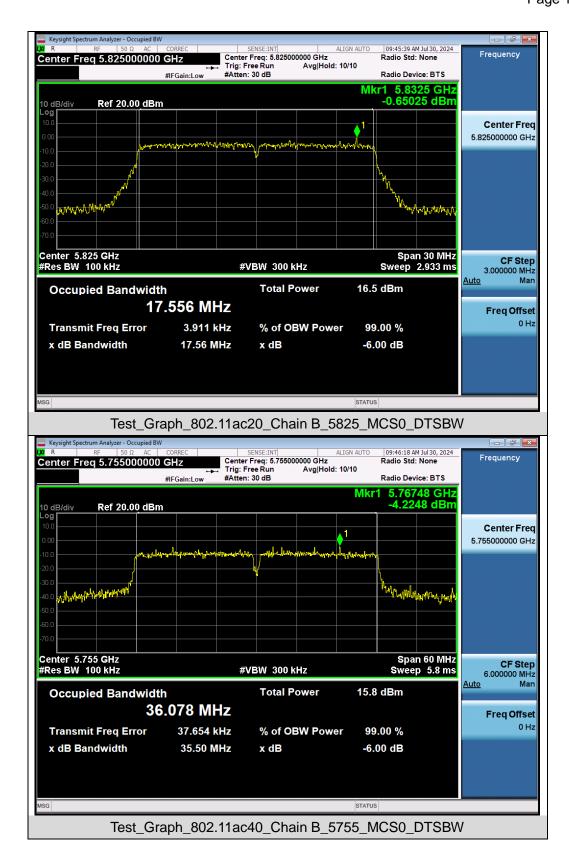


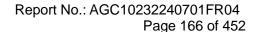




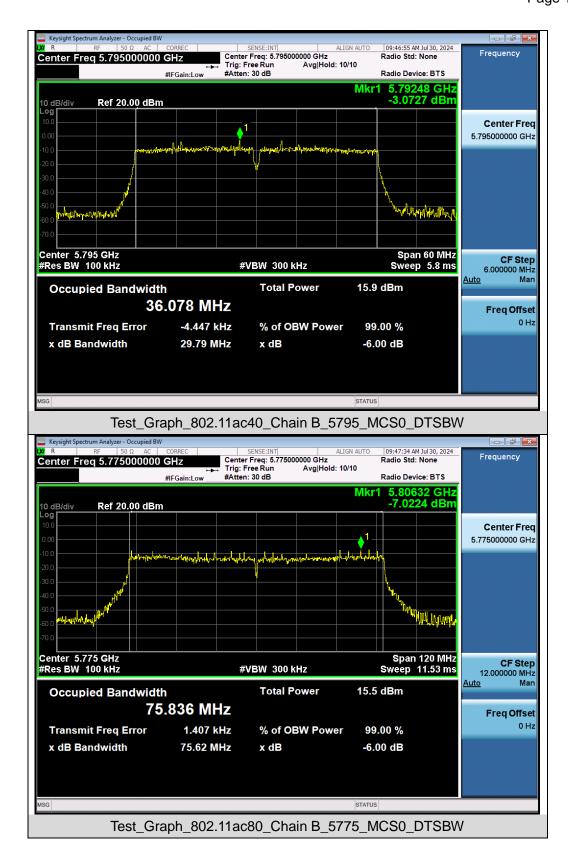


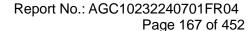




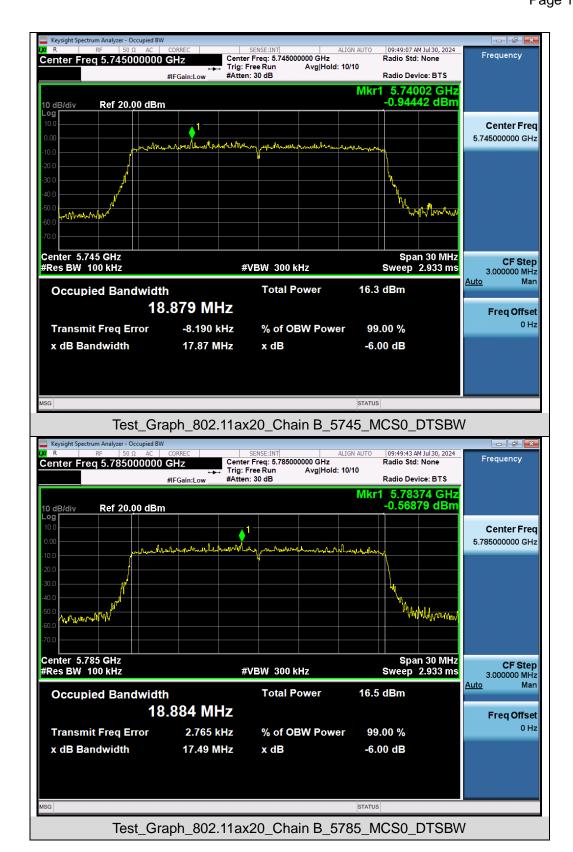


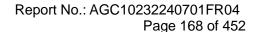




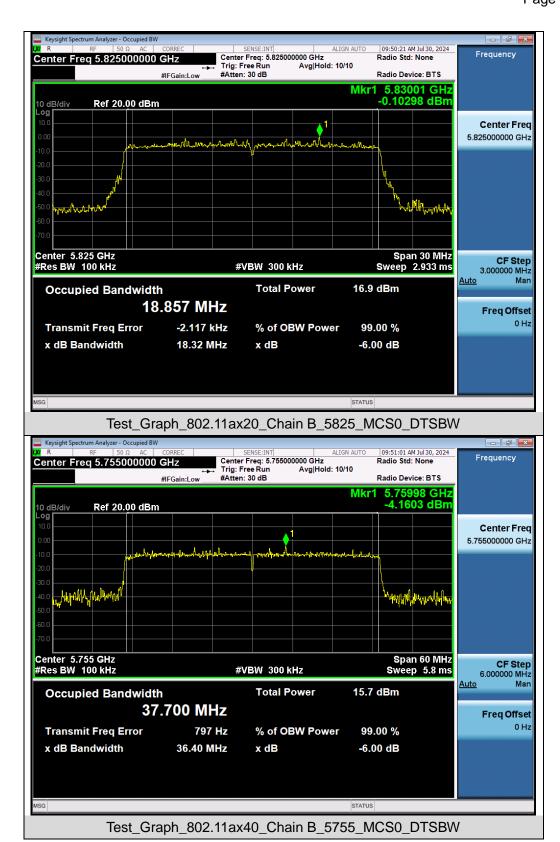


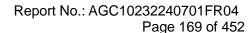




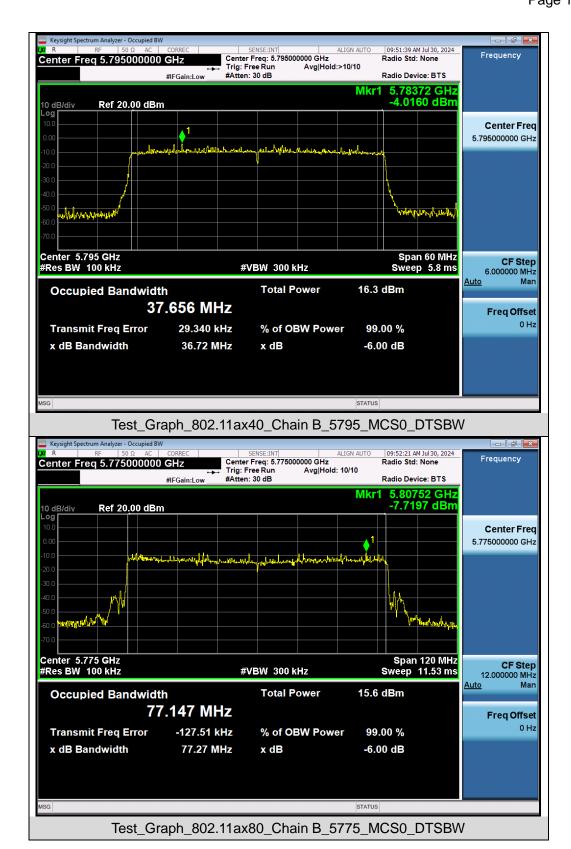














9. Power Spectral Density Measurement

9.1 Provisions Applicable

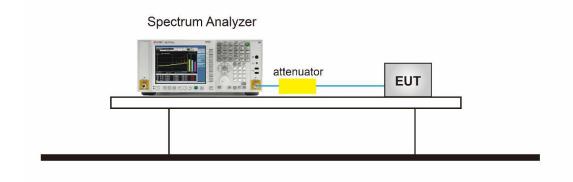
Operation Band	EUT Category		LIMIT		
		Outdoor Access Point	17dBm/ MHz		
U-NII-1		Fixed point-to-point Access Point	17dBm/ MHz		
O-INII- I		Indoor Access Point	17dBm/ MHz		
	\boxtimes	Client devices	11dBm/ MHz		
U-NII-2A		/	11dBm/ MHz		
U-NII-2C	/		2C /		11dBm/ MHz
U-NII-3	II-3 /		30 dBm/500kHz		

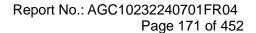
9.2 Measurement Procedure

⊠For Average power spectral density test:

- 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. The final test results have been increased by the duty cycle factor and recorded in the report

9.3 Measurement Setup (Block Diagram of Configuration)

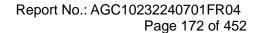






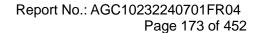
9.4 Measurement Result

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	1.437	11	Pass	
802.11a	5200	1.523	11	Pass	
	5240	2.157	11	Pass	
	5180	0.466	11	Pass	
802.11n20	5200	0.541	11	Pass	
	5240	0.864	11	Pass	
802.11n40	5190	-2.493	11	Pass	
802.111140	5230	-1.864	11	Pass	
	5180	0.181	11	Pass	
802.11ac20	5200	0.232	11	Pass	
	5240	0.848	11	Pass	
000 44 = 40	5190	-2.693	11	Pass	
802.11ac40	5230	-2.231	11	Pass	
802.11ac80	5210	-5.714	11	Pass	
	5180	0.149	11	Pass	
802.11ax20	5200	1.254	11	Pass	
	5240	0.270	11	Pass	
909 44 ov 40	5190	-1.845	11	Pass	
802.11ax40	5230	-1.619	11	Pass	
802.11ax80	5210	-6.141	11	Pass	



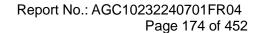


Tes	t Data of Conducted	Output Power Density for band 5	.15-5.25 GHz-Cha	in B
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5180	1.681	11	Pass
802.11a	5200	0.738	11	Pass
	5240	0.950	11	Pass
	5180	-0.180	11	Pass
802.11n20	5200	-0.720	11	Pass
	5240	-0.524	11	Pass
802.11n40	5190	-3.578	11	Pass
002.111140	5230	-3.521	11	Pass
	5180	0.329	11	Pass
802.11ac20	5200	-0.492	11	Pass
	5240	-0.654	11	Pass
802.11ac40	5190	-2.463	11	Pass
602.11ac40	5230	-3.266	11	Pass
802.11ac80	5210	-6.909	11	Pass
	5180	0.489	11	Pass
802.11ax20	5200	-0.861	11	Pass
	5240	-0.680	11	Pass
802.11ax40	5190	-2.997	11	Pass
0U2.118X4U	5230	-2.240	11	Pass
802.11ax80	5210	-6.971	11	Pass



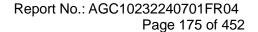


Tes	t Data of Conducted	Output Power Density for band 5	5.25-5.35 GHz-Cha	in A
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5260	1.339	11	Pass
802.11a	5300	1.826	11	Pass
	5320	1.588	11	Pass
	5260	0.100	11	Pass
802.11n20	5300	0.325	11	Pass
	5320	0.469	11	Pass
000 11 - 10	5270	-2.511	11	Pass
802.11n40	5310	-2.259	11	Pass
	5260	0.435	11	Pass
802.11ac20	5300	0.442	11	Pass
	5320	0.398	11	Pass
000 44 - 40	5270	-1.755	11	Pass
802.11ac40	5310	-2.254	11	Pass
802.11ac80	5290	-6.173	11	Pass
	5260	0.136	11	Pass
802.11ax20	5300	0.742	11	Pass
	5320	-0.586	11	Pass
000 44 5 40	5270	-1.318	11	Pass
802.11ax40	5310	-1.328	11	Pass
802.11ax80	5290	-5.560	11	Pass



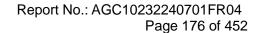


Tes	t Data of Conducted	Output Power Density for band 5	5.25-5.35 GHz-Cha	in B
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5260	1.070	11	Pass
802.11a	5300	0.687	11	Pass
	5320	0.424	11	Pass
	5260	-0.512	11	Pass
802.11n20	5300	-1.012	11	Pass
	5320	-1.215	11	Pass
802.11n40	5270	-3.583	11	Pass
802.111 14 0	5310	-3.639	11	Pass
	5260	-0.314	11	Pass
802.11ac20	5300	-0.977	11	Pass
	5320	-1.287	11	Pass
000 44 - 40	5270	-3.870	11	Pass
802.11ac40	5310	-3.765	11	Pass
802.11ac80	5290	-6.530	11	Pass
	5260	-0.323	11	Pass
802.11ax20	5300	-1.224	11	Pass
	5320	-0.845	11	Pass
000 44 5 40	5270	-3.940	11	Pass
802.11ax40	5310	-4.096	11	Pass
802.11ax80	5290	-6.682	11	Pass



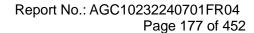


Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-Chain A					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5500	1.235	11	Pass	
802.11a	5580	1.825	11	Pass	
	5700	1.890	11	Pass	
	5500	-0.424	11	Pass	
802.11n20	5580	0.342	11	Pass	
	5700	0.654	11	Pass	
	5510	-3.316	11	Pass	
802.11n40	5550	-2.332	11	Pass	
	5670	-2.437	11	Pass	
	5500	-0.017	11	Pass	
802.11ac20	5580	0.333	11	Pass	
	5700	0.432	11	Pass	
	5510	-2.487	11	Pass	
802.11ac40	5550	-3.728	11	Pass	
	5670	-2.211	11	Pass	
000.44	5530	-5.714	11	Pass	
802.11ac80	5610	-6.639	11	Pass	
	5500	0.429	11	Pass	
802.11ax20	5580	0.082	11	Pass	
	5700	-0.586	11	Pass	
	5510	-2.412	11	Pass	
802.11ax40	5550	-2.838	11	Pass	
	5670	-1.734	11	Pass	
000 44 - 00	5530	-5.853	11	Pass	
802.11ax80	5610	-5.180	11	Pass	



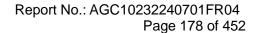


Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-Chain B					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5500	2.115	11	Pass	
802.11a	5580	0.862	11	Pass	
	5700	-0.174	11	Pass	
	5500	0.827	11	Pass	
802.11n20	5580	0.314	11	Pass	
	5700	-0.702	11	Pass	
	5510	-2.478	11	Pass	
802.11n40	5550	-2.499	11	Pass	
	5670	-4.420	11	Pass	
	5500	1.125	11	Pass	
802.11ac20	5580	0.790	11	Pass	
	5700	-0.305	11	Pass	
	5510	-2.668	11	Pass	
802.11ac40	5550	-2.015	11	Pass	
	5670	-4.080	11	Pass	
802.11ac80	5530	-5.219	11	Pass	
802.118080	5610	-5.911	11	Pass	
	5500	1.426	11	Pass	
802.11ax20	5580	1.717	11	Pass	
	5700	-1.163	11	Pass	
	5510	-1.291	11	Pass	
802.11ax40	5550	-1.630	11	Pass	
	5670	-3.513	11	Pass	
802.11ax80	5530	-4.471	11	Pass	
002.118X00	5610	-6.007	11	Pass	



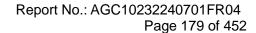


Te	Test Data of Conducted Output Power Density for band 5.725-5.85 GHz-Chain A						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail		
	5745	-4.789	2.201	30	Pass		
802.11a	5785	-5.712	1.278	30	Pass		
	5825	-7.459	-0.469	30	Pass		
	5745	-8.046	-1.056	30	Pass		
802.11n20	5785	-7.831	-0.841	30	Pass		
	5825	-7.898	-0.908	30	Pass		
000 11 - 10	5755	-9.752	-2.762	30	Pass		
802.11n40	5795	-10.937	-3.947	30	Pass		
	5745	-8.505	-1.515	30	Pass		
802.11ac20	5785	-7.551	-0.561	30	Pass		
	5825	-8.492	-1.502	30	Pass		
802.11ac40	5755	-10.154	-3.164	30	Pass		
802.11ac40	5795	-10.389	-3.399	30	Pass		
802.11ac80	5775	-13.652	-6.662	30	Pass		
	5745	-8.983	-1.993	30	Pass		
802.11ax20	5785	-9.013	-2.023	30	Pass		
	5825	-8.870	-1.880	30	Pass		
000 44 ov 40	5755	-11.107	-4.117	30	Pass		
802.11ax40	5795	-11.692	-4.702	30	Pass		
802.11ax80	5775	-13.703	-6.713	30	Pass		



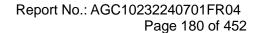


Te	Test Data of Conducted Output Power Density for band 5.725-5.85 GHz-Chain B						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail		
	5745	-7.001	-0.011	30	Pass		
802.11a	5785	-8.364	-1.374	30	Pass		
	5825	-7.633	-0.643	30	Pass		
	5745	-8.420	-1.430	30	Pass		
802.11n20	5785	-8.482	-1.492	30	Pass		
	5825	-8.388	-1.398	30	Pass		
000 44 = 40	5755	-11.368	-4.378	30	Pass		
802.11n40	5795	-11.831	-4.841	30	Pass		
	5745	-8.869	-1.879	30	Pass		
802.11ac20	5785	-8.554	-1.564	30	Pass		
	5825	-8.114	-1.124	30	Pass		
000 44 = -40	5755	-10.936	-3.946	30	Pass		
802.11ac40	5795	-12.022	-5.032	30	Pass		
802.11ac80	5775	-14.505	-7.199	30	Pass		
	5745	0.489	-3.090	30	Pass		
802.11ax20	5785	-0.861	-2.767	30	Pass		
	5825	-0.680	-2.195	30	Pass		
000 44 40	5755	-2.997	-5.622	30	Pass		
802.11ax40	5795	-2.240	-5.048	30	Pass		
802.11ax80	5775	-6.971	-7.440	30	Pass		



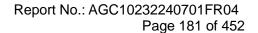


Test Data of Conducted Output Power Density for band 5.15-5.25 GHz-MIMO					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5180	3.165	11	Pass	
802.11n20	5200	2.966	11	Pass	
	5240	3.236	11	Pass	
802.11n40	5190	0.009	11	Pass	
802.11N 4 0	5230	0.396	11	Pass	
	5180	3.266	11	Pass	
802.11ac20	5200	2.895	11	Pass	
	5240	3.172	11	Pass	
000 44 40	5190	0.434	11	Pass	
802.11ac40	5230	0.293	11	Pass	
802.11ac80	5210	-3.260	11	Pass	
	5180	3.333	11	Pass	
802.11ax20	5200	3.334	11	Pass	
	5240	2.831	11	Pass	
000 44 - 440	5190	0.627	11	Pass	
802.11ax40	5230	1.092	11	Pass	
802.11ax80	5210	-3.526	11	Pass	



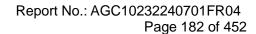


Te	Test Data of Conducted Output Power Density for band 5.25-5.35 GHz-MIMO					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail		
	5180	2.815	11	Pass		
802.11n20	5200	2.718	11	Pass		
	5240	2.718	11	Pass		
000 11 - 10	5190	-0.004	11	Pass		
802.11n40	5230	0.116	11	Pass		
	5180	3.087	11	Pass		
802.11ac20	5200	2.800	11	Pass		
	5240	2.647	11	Pass		
902 11 0010	5190	0.325	11	Pass		
802.11ac40	5230	0.066	11	Pass		
802.11ac80	5210	-3.338	11	Pass		
	5180	2.923	11	Pass		
802.11ax20	5200	2.880	11	Pass		
	5240	2.297	11	Pass		
902 44 av 40	5190	0.576	11	Pass		
802.11ax40	5230	0.515	11	Pass		
802.11ax80	5210	-3.075	11	Pass		





Test Data of Conducted Output Power Density for band 5.470-5.725 GHz-MIMO							
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail			
802.11n20	5500	3.257	11	Pass			
	5580	3.338	11	Pass			
	5700	3.039	11	Pass			
802.11n40	5510	0.133	11	Pass			
	5550	0.596	11	Pass			
	5670	-0.306	11	Pass			
802.11ac20	5500	3.602	11	Pass			
	5580	3.578	11	Pass			
	5700	3.089	11	Pass			
802.11ac40	5510	0.434	11	Pass			
	5550	0.223	11	Pass			
	5670	-0.035	11	Pass			
802.11ac80	5530	-2.449	11	Pass			
	5610	-3.249	11	Pass			
802.11ax20	5500	3.966	11	Pass			
	5580	3.986	11	Pass			
	5700	2.145	11	Pass			
802.11ax40	5510	1.195	11	Pass			
	5550	0.818	11	Pass			
	5670	0.477	11	Pass			
802.11ax80	5530	-2.097	11	Pass			
	5610	-2.564	11	Pass			

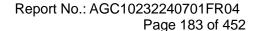




Test Data of Conducted Output Power Density for band 5.725-5.85 GHz-MIMO								
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail			
802.11n20	5745	-5.219	1.771	30	Pass			
	5785	-5.134	1.856	30	Pass			
	5825	-5.126	1.864	30	Pass			
802.11n40	5755	-7.475	-0.485	30	Pass			
	5795	-8.351	-1.361	30	Pass			
802.11ac20	5745	-5.673	1.317	30	Pass			
	5785	-5.013	1.977	30	Pass			
	5825	-5.289	1.701	30	Pass			
802.11ac40	5755	-7.517	-0.527	30	Pass			
	5795	-8.119	-1.129	30	Pass			
802.11ac80	5775	-11.047	-3.912	30	Pass			
802.11ax20	5745	0.954	0.503	30	Pass			
	5785	-0.243	0.631	30	Pass			
	5825	-0.067	0.976	30	Pass			
802.11ax40	5755	-2.373	-1.794	30	Pass			
	5795	-1.773	-1.861	30	Pass			
802.11ax80	5775	-6.135	-4.051	30	Pass			

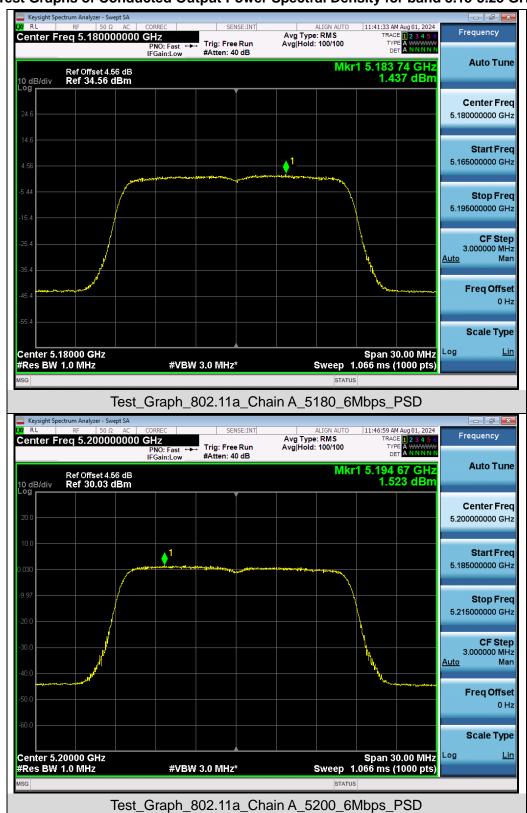
Note:1.Power density(dBm/500kHz) = Power density(dBm/100kHz)+10*log(500/100).

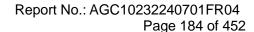
^{2.} The Total PSD(dBm/500kHz) = $10*\log \{10^{(Ant \ 1 \ PSD/10)} + 10^{(Ant \ 2 \ PSD/10)}\}(dBm/500kHz)$.



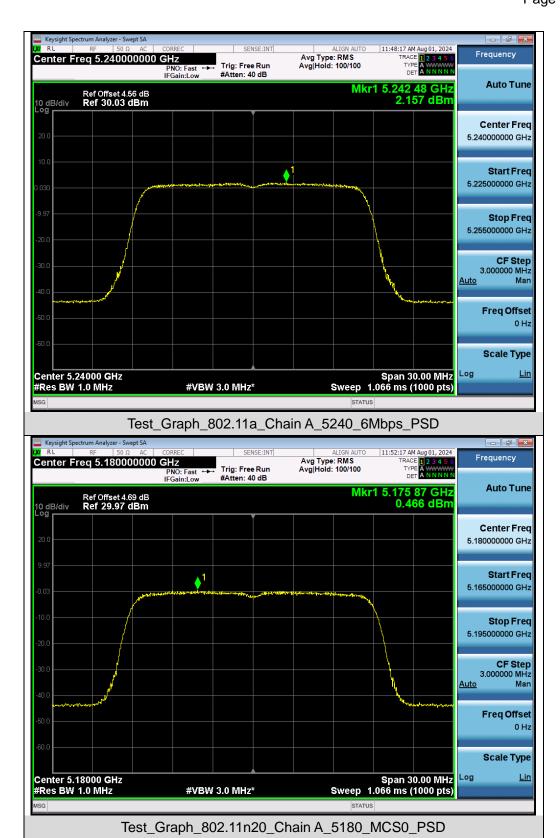


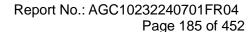
Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz



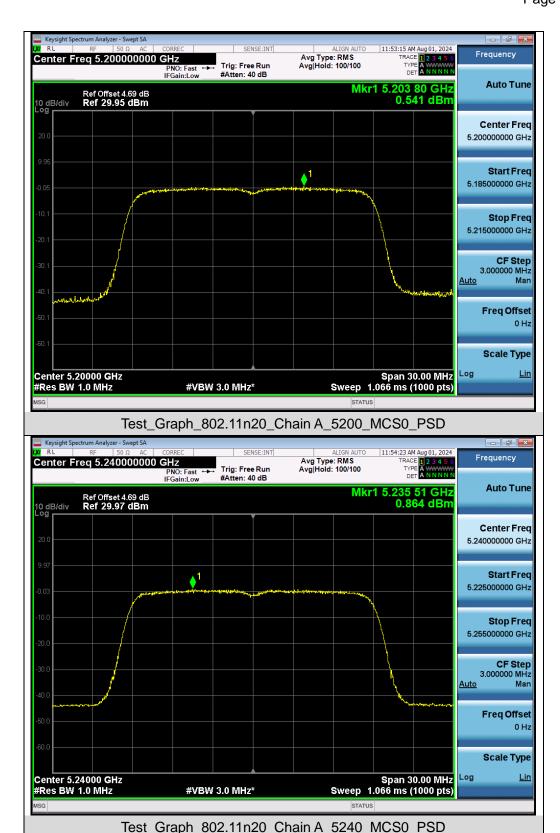


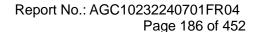






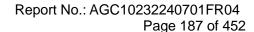




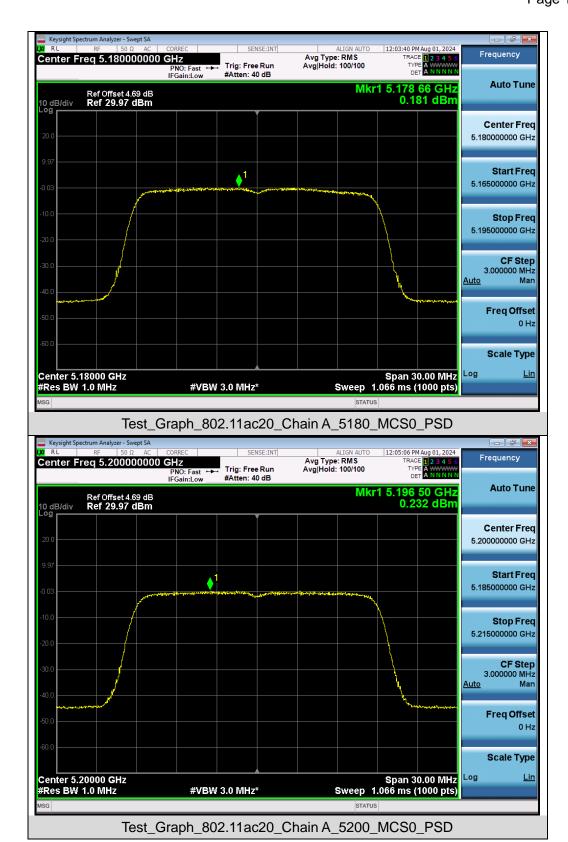


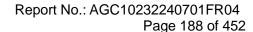




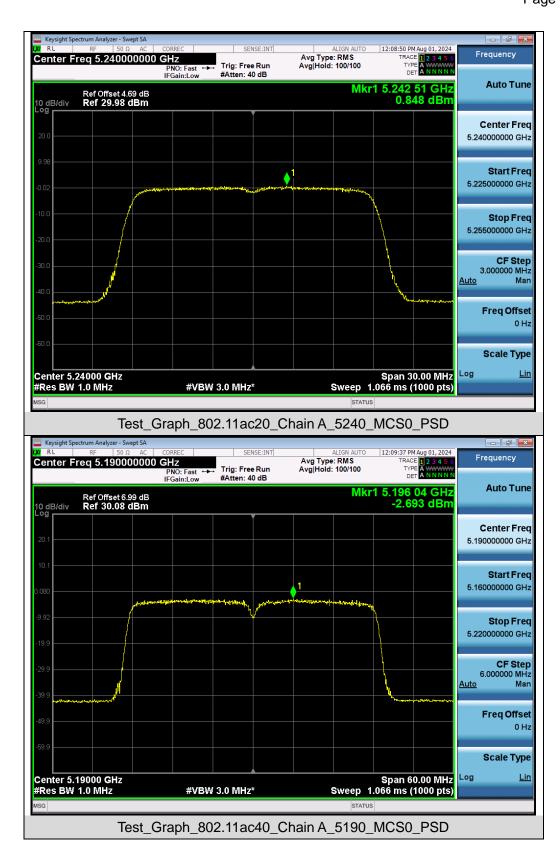


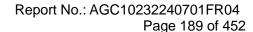




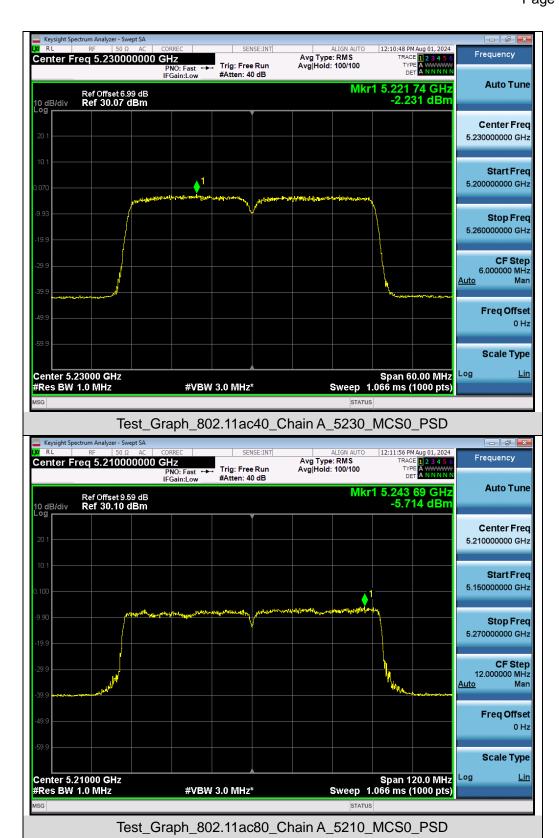


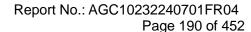






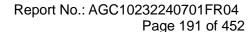






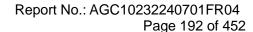






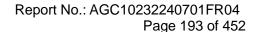




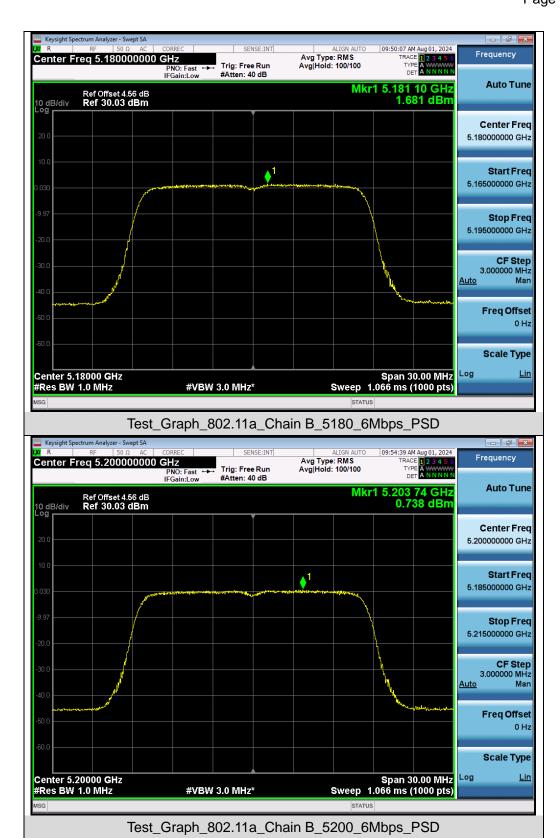


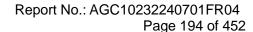




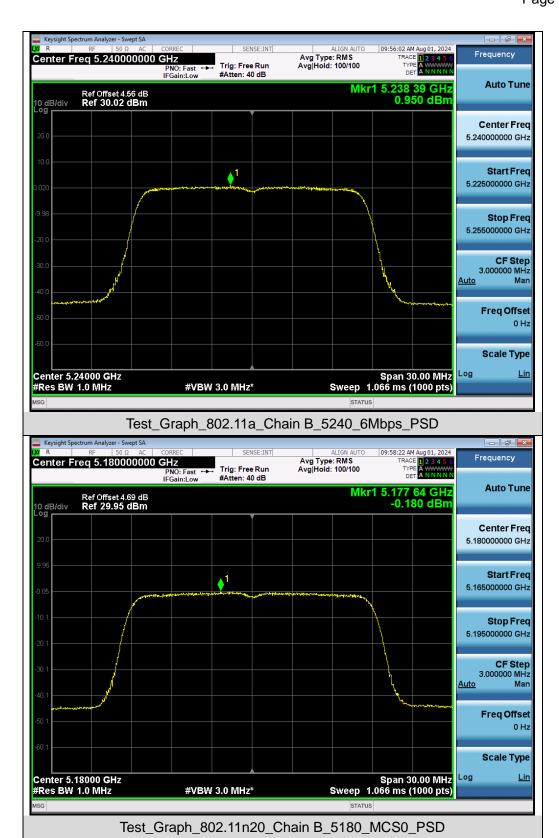


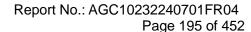






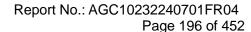






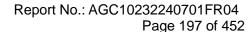




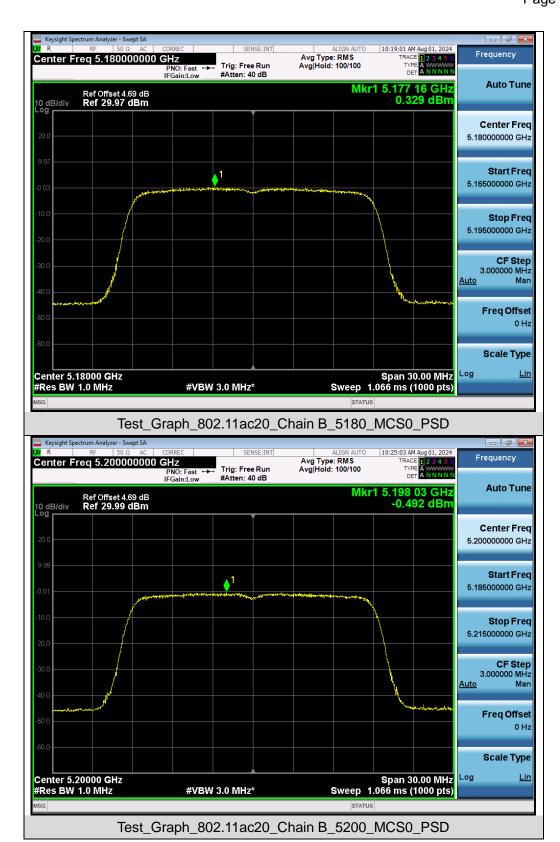


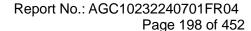




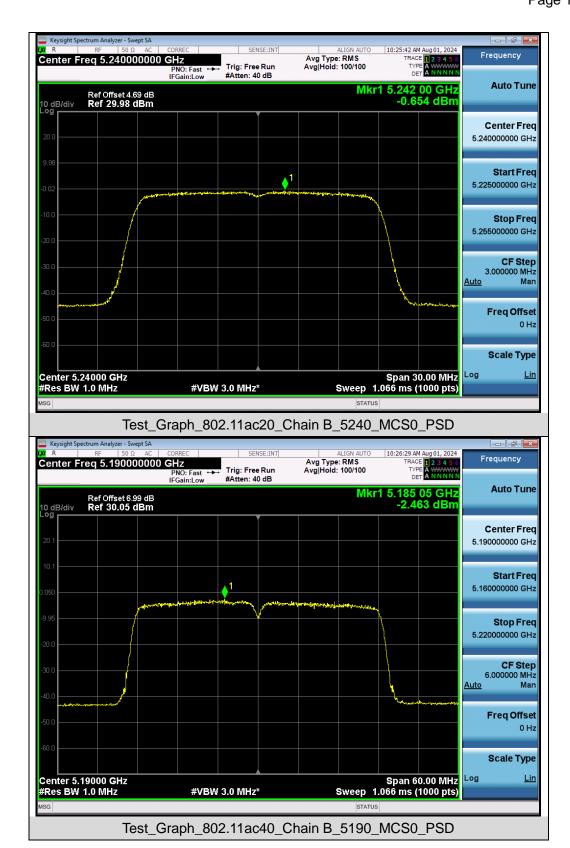


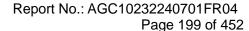




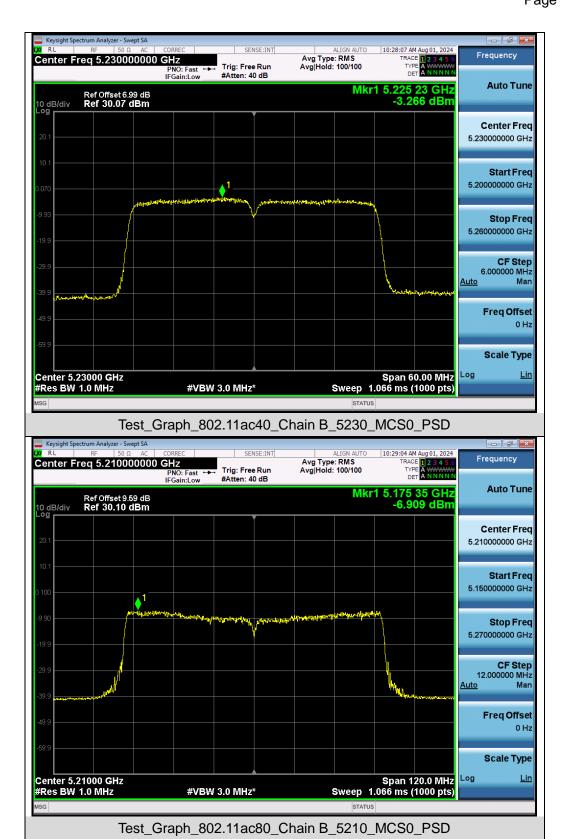


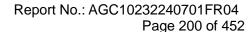






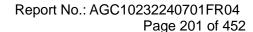






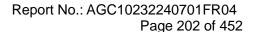




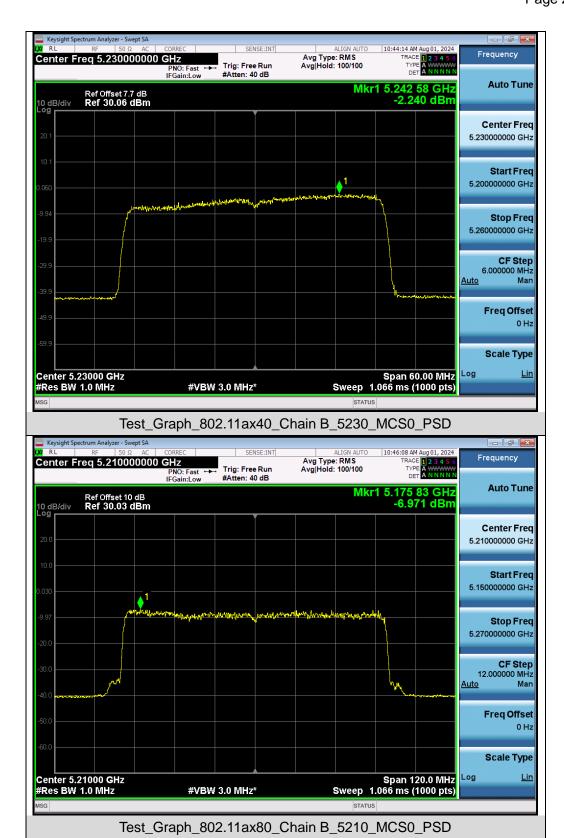


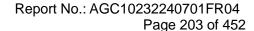














Test Graphs of Conducted Output Power Spectral Density for band 5.25-5.35 GHz

