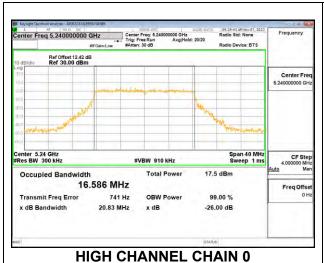
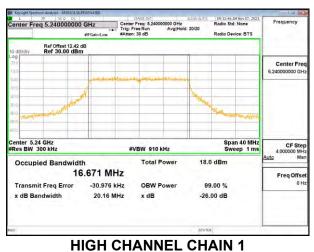
9.4.1. 802.11a MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	16.5880	16.5890
Mid	5200	16.6390	16.6000
High	5240	16.5860	16.6710

HIGH CHANNEL





DATE: 2024-04-09

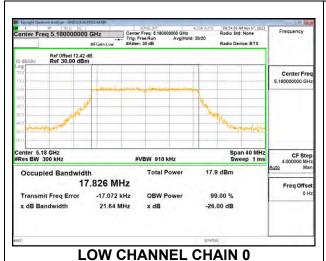
IC: 3048A-2036

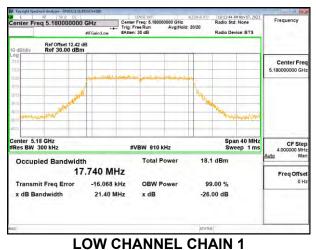
9.4.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	17.8260	17.7400
Mid	5200	17.7610	17.7440
High	5240	17.8030	17.7580

LOW CHANNEL



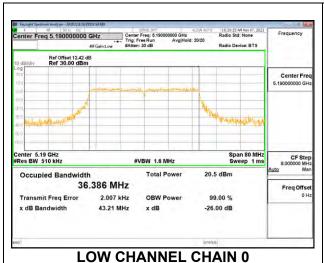


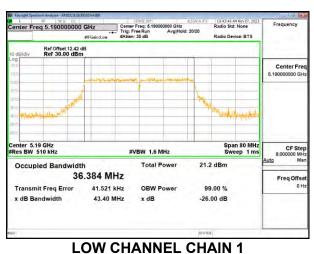
9.4.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5190	36.3860	36.3840
High	5230	36.3870	36.4130

LOW CHANNEL

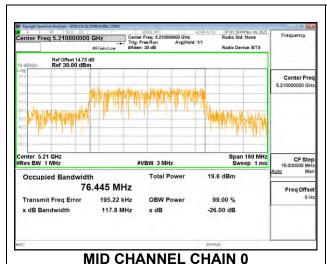


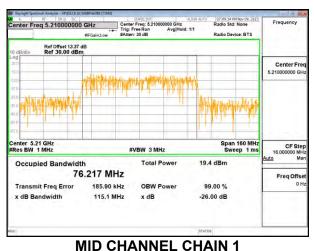


9.4.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5210	76.4550	76.2170

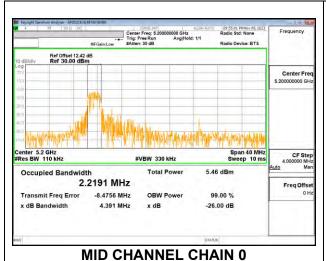


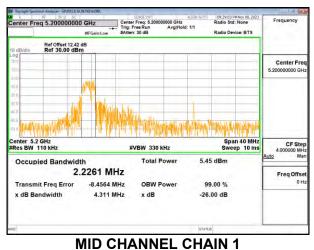


9.4.5. 802.11be EHT20 26T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	2.2512	2.4310
Mid	5200	2.2191	2.2261
High	5240	2.2757	2.2246

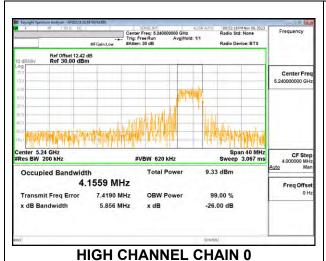


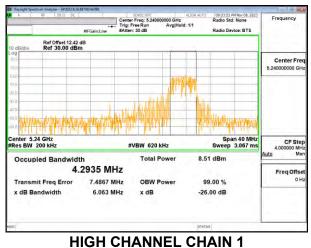


9.4.6. 802.11be EHT20 52T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	4.1844	4.2310
Mid	5200	4.2467	4.2145
High	5240	4.1559	4.2935



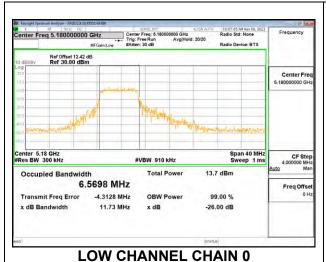


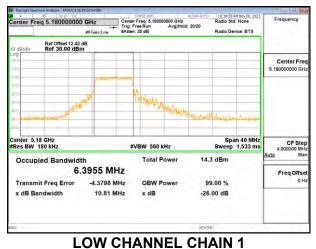
9.4.7. 802.11be EHT20 52T+26T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	6.5698	6.3955
Mid	5200	6.5938	6.6083
High	5240	6.4274	6.4431

LOW CHANNEL

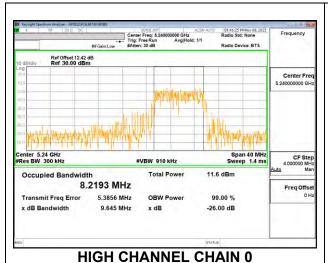


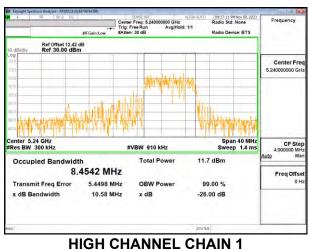


9.4.8. 802.11be EHT20 106T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	8.3320	8.3256
Mid	5200	8.4905	8.3346
High	5240	8.2193	8.4542

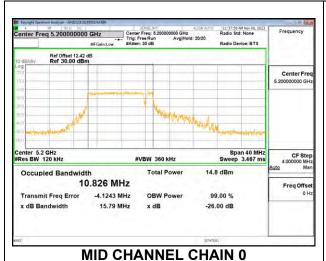


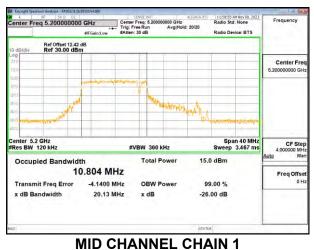


9.4.9. 802.11be EHT20 106T+26T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	10.9180	11.0840
Mid	5200	10.8260	10.8040
High	5240	11.0100	10.8380

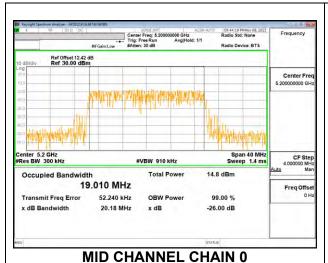


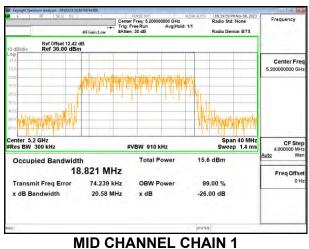


9.4.10. 802.11be EHT20 242T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5180	19.0540	18.9260
Mid	5200	19.0100	18.8210
High	5240	19.0940	18.8530

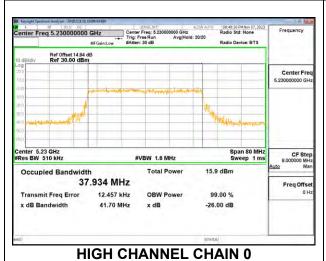


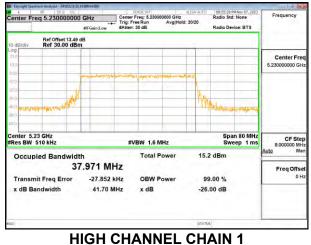


9.4.11. 802.11be EHT40 484T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5190	38.0140	37.9810
High	5230	37.9340	37.9710

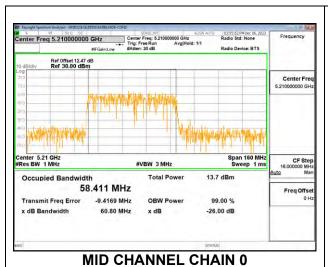


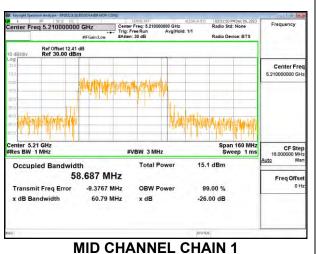


9.4.12. 802.11be EHT80 484T+242T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5210	58.4110	58.6870

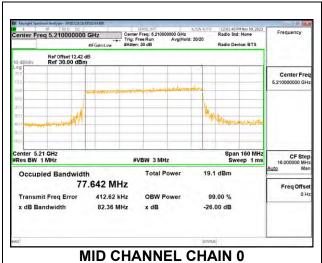


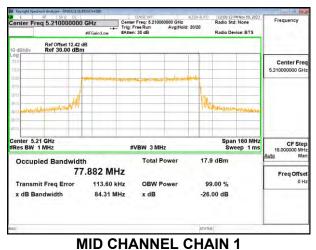


9.4.13. 802.11be EHT80 996T MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5210	77.6420	77.8820

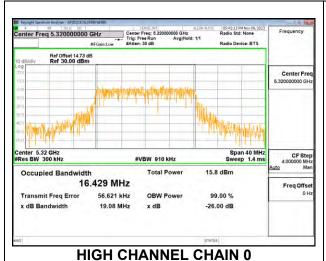


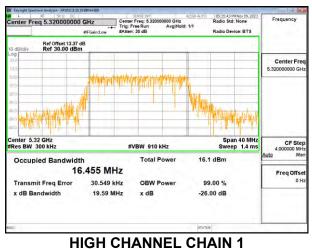


9.4.14. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5260	16.615	16.491
Mid	5300	16.556	16.478
High	5320	16.429	16.455

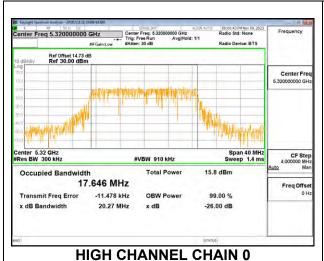


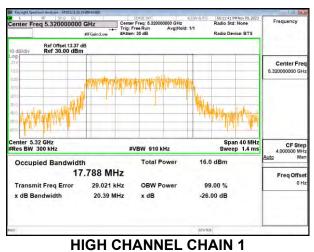


9.4.15. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5260	17.6870	17.6730
Mid	5300	17.7820	17.8340
High	5320	17.6460	17.7880



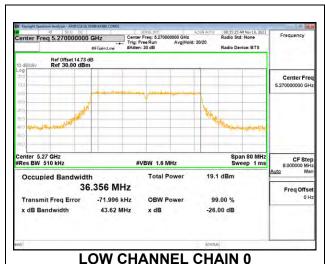


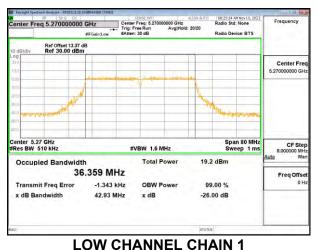
9.4.16. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5270	36.3560	36.3590
High	5310	36.3870	36.5010

LOW CHANNEL

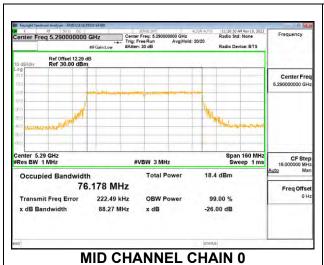


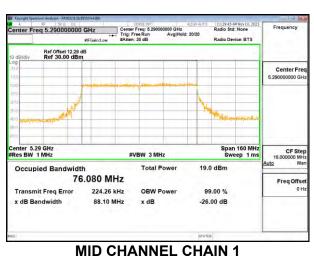


9.4.17. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5290	76.1780	76.0800

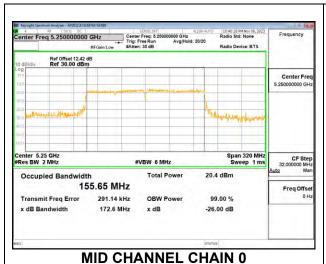


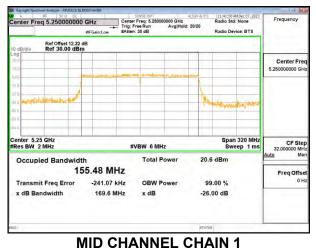


9.4.18. 802.11ac VHT160 MODE 2TX IN THE 5.2/5.3GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5250	155.65	155.48



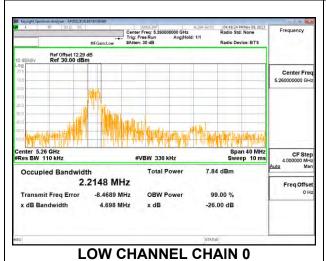


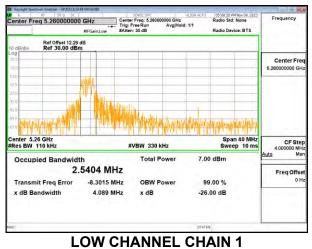
9.4.19. 802.11be EHT20 MODE 2TX IN THE 5.3GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	2.2148	2.5404
Mid	5300	2.4098	2.2771
High	5320	2.4183	2.3561

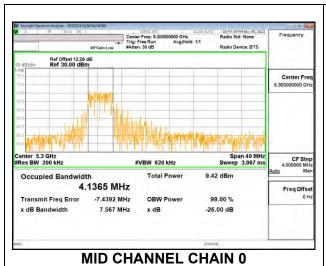
LOW CHANNEL

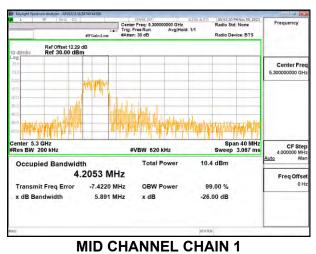




2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	4.1905	4.1899
Mid	5300	4.1365	4.2053
High	5320	4.2425	4.1405

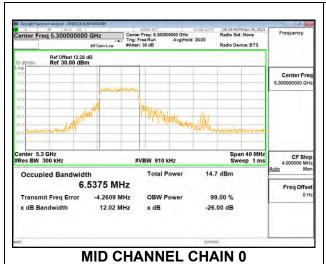


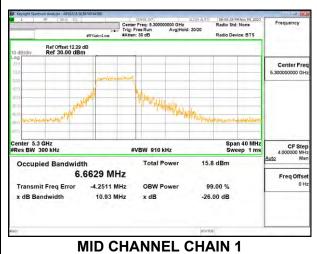


REPORT NO: R14932101-E7a DATE: 2024-04-09 IC: 3048A-2036 FCC ID: C3K2036

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T

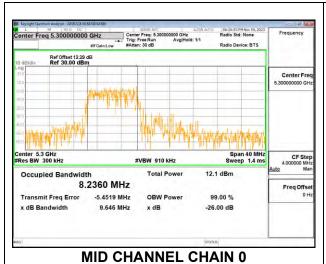
Channe	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	6.9027	7.2524
Mid	5300	6.5375	6.6629
High	5320	6.6249	6.6031

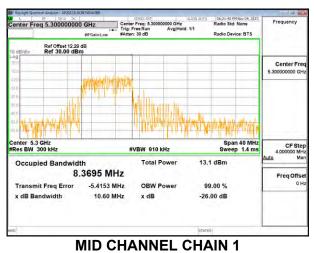




2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	8.3136	8.2524
Mid	5300	8.2360	8.3695
High	5320	8.4188	8.3296

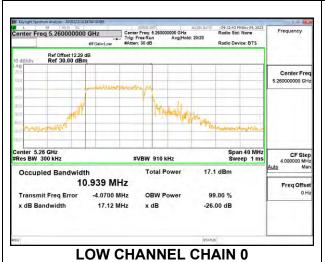


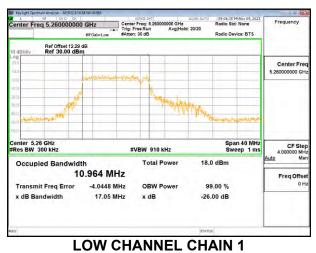


2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	10.9390	10.9640
Mid	5300	10.9470	10.9400
High	5320	11.0090	10.9610

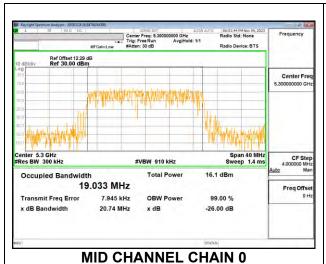
LOW CHANNEL

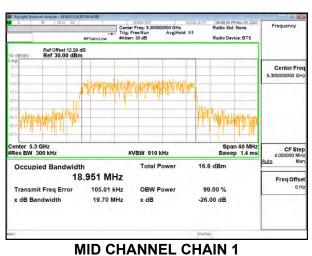




2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5260	18.975	18.976
Mid	5300	19.033	18.951
High	5320	19.093	18.976

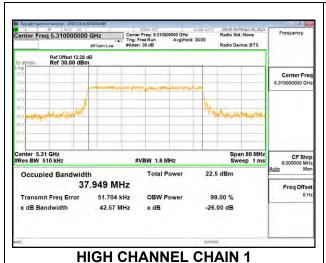


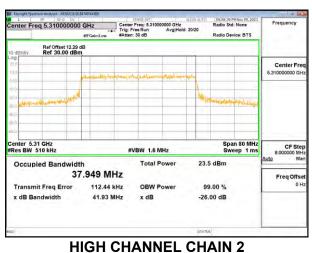


9.4.20. 802.11be EHT40 MODE 2TX IN THE 5.3GHz BAND

2TX CHAIN 1 + CHAIN 2 CDD OFDMA MODE: 484T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	5270	37.9630	38.0030
High	5310	37.9490	37.9490

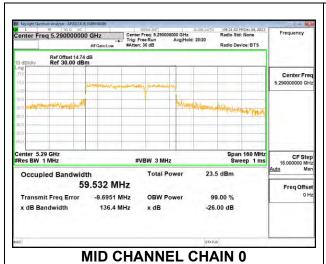


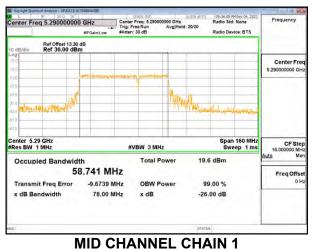


9.4.21. 802.11be EHT80 MODE 2TX IN THE 5.3GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T

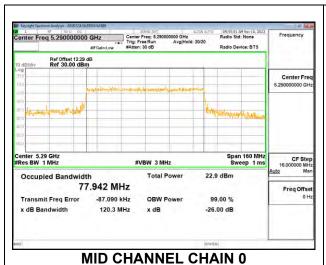
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5290	59.5320	58.7410

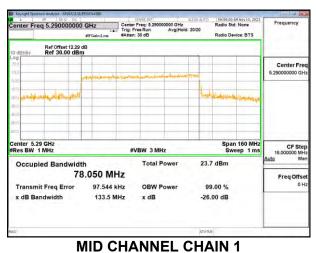




2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5290	77.9420	78.0500

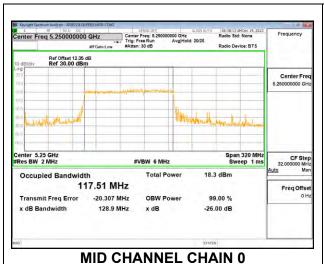


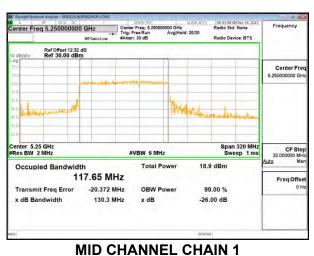


9.4.22. 802.11be EHT160 MODE 2TX IN THE 5.2/5.3GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T

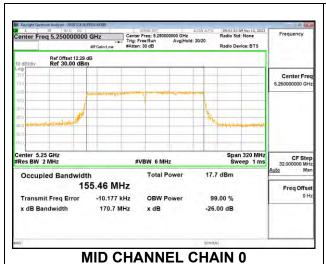
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5250	117.5100	117.6500

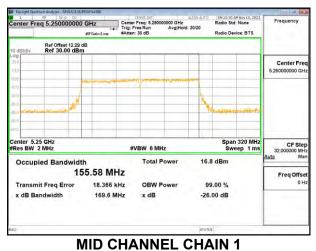




2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	5250	155.4600	155.5800

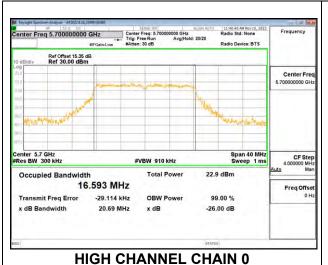


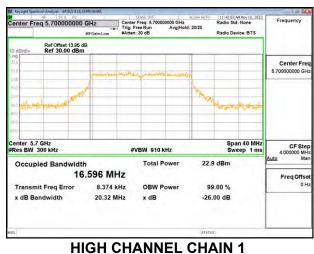


9.4.23. 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	16.6430	16.6260
Mid	5580	16.6530	16.6400
High	5700	16.5930	16.5960
144	5720	16.6170	16.5820

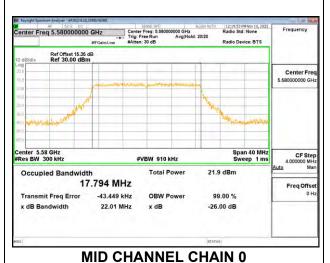


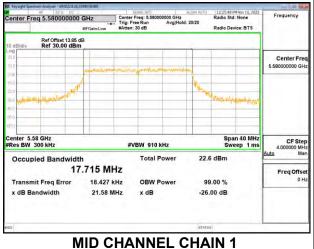


9.4.24. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	17.7930	17.8130
Mid	5580	17.7940	17.7150
High	5700	17.7950	17.7440
144	5720	17.7740	17.8980

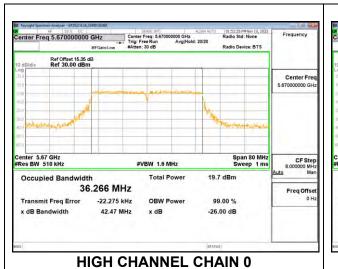




9.4.25. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5510	36.3500	36.3460
Mid	5550	36.4040	36.4360
High	5670	36.2660	36.4080
142	5710	36.5130	36.4540





9.4.26. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5530	76.3150	76.1940
High	5610	76.0700	76.1770
138	5690	76.2270	76.2150

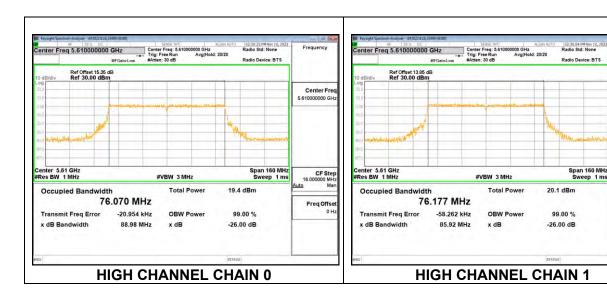
HIGH CHANNEL

Frequency

Center Fre

CF Step 16.000000 MHz Man

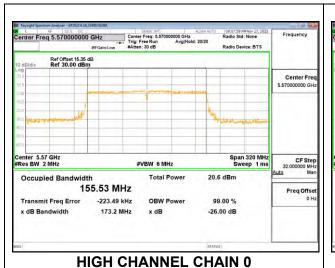
Freq Offse

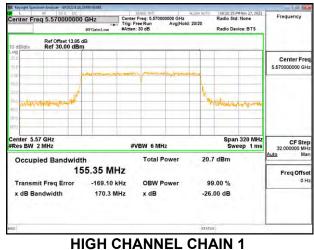


9.4.27. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5570	155.5300	155.3500

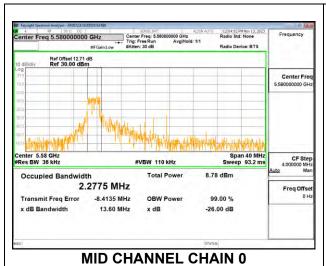


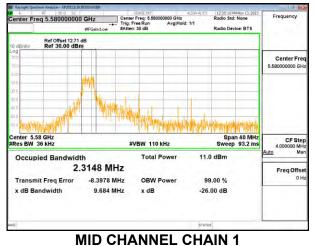


9.4.28. 802.11be EHT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	2.3421	2.2935
Mid	5580	2.2775	2.3148
High	5700	2.5260	2.3930
144	5720	2.2140	2.2192

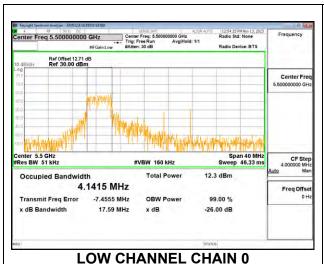


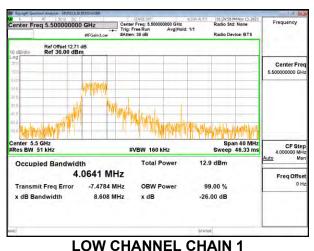


2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	4.1415	4.0641
Mid	5580	4.0978	4.1301
High	5700	4.1368	4.0552
144	5720	4.0669	4.1048

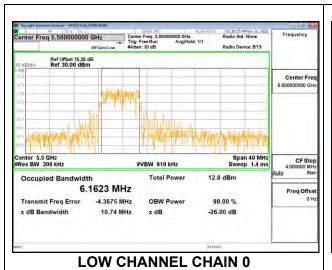
LOW CHANNEL

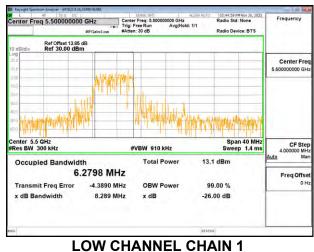




2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T+26T

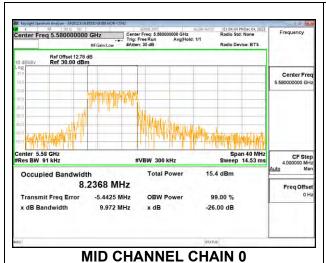
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	6.1623	6.2798
Mid	5580	6.3068	6.4705
High	5700	6.3318	6.2130
144	5720	6.1741	6.1912

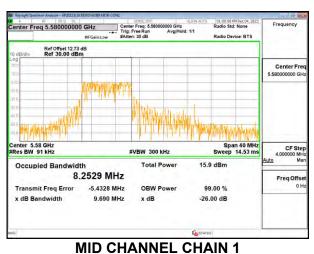




2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T

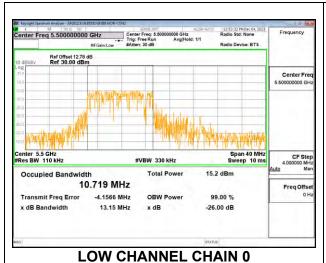
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	8.2640	8.2382
Mid	5580	8.2368	8.2529
High	5700	8.2435	8.2379
144	5720	8.2972	8.1587

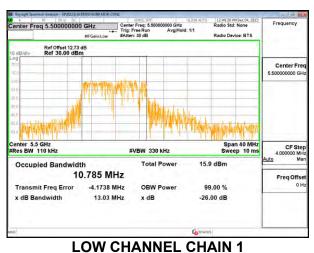




2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T+26T

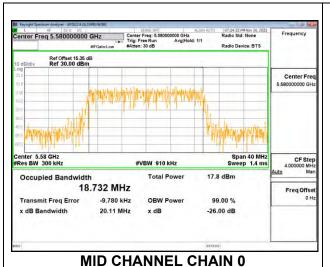
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	10.7190	10.7850
Mid	5580	10.7530	10.7940
High	5700	10.8030	10.7530
144	5720	10.8960	10.8960

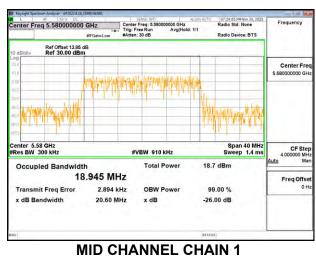




2TX CHAIN 0 + CHAIN 1 CDD MODE - 242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5500	18.9863	18.8950
Mid	5580	18.7316	18.9449
High	5700	18.8739	18.9486
144	5720	19.0290	19.0020



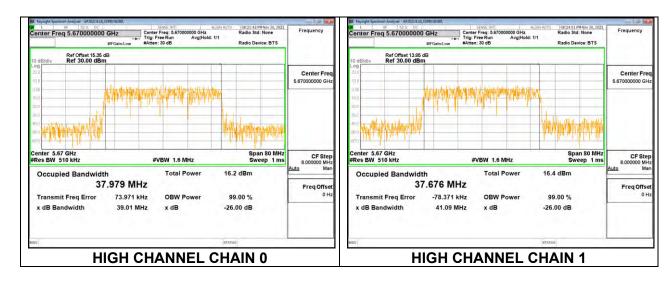


9.4.29. 802.11be EHT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5510	37.6792	38.0511
Mid	5550	37.7952	37.8279
High	5670	37.9786	37.6761
142	5710	37.8550	37.8110

HIGH CHANNEL

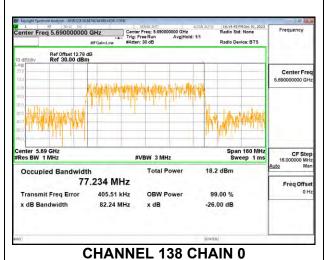


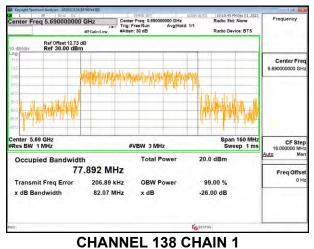
9.4.30. 802.11be EHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5530	77.2883	77.6844
High	5610	77.5003	77.4480
138	5690	77.2340	77.8920

CHANNEL 138

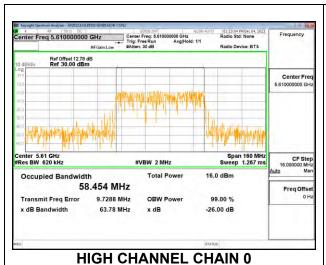


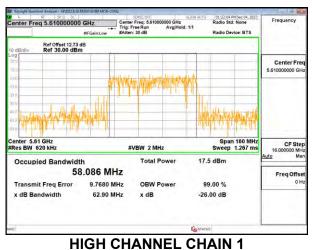


2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T+242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5530	58.3890	57.9860
High	5610	58.4540	58.0860
138	5690	58.6840	58.5210

HIGH CHANNEL

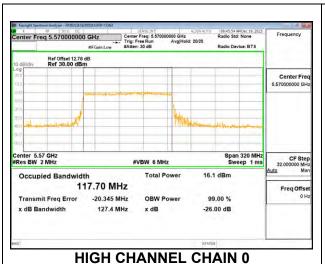


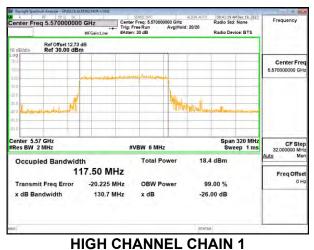


9.4.31. 802.11be EHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 996T+484T

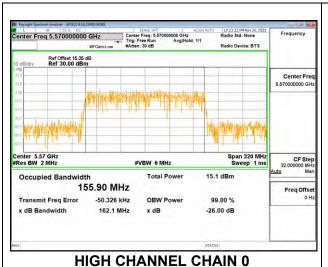
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5570	117.70	117.50

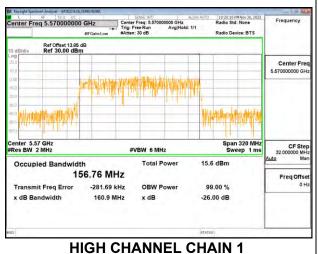




2TX CHAIN 0 + CHAIN 1 CDD MODE - 2*996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5570	155.90	156.76

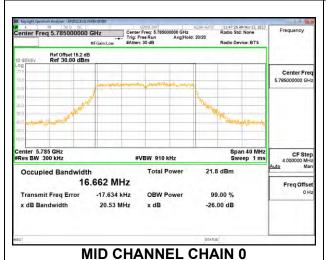


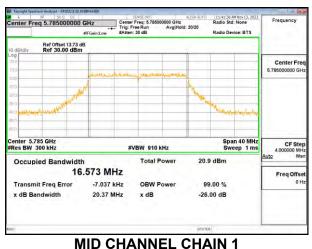


9.4.32. 802.11a MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	16.6620	16.6290
Mid	5785	16.6620	16.5730
High	5825	16.6110	16.6320

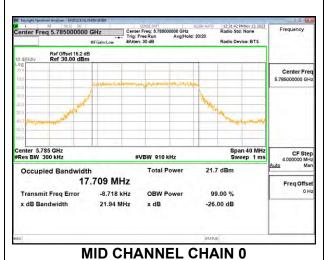


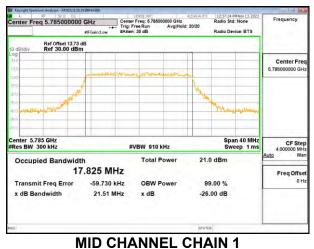


9.4.33. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	17.8010	17.7640
Mid	5785	17.7090	17.8250
High	5825	17.7530	17.7970

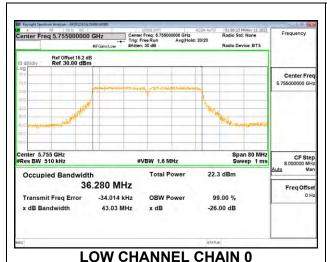


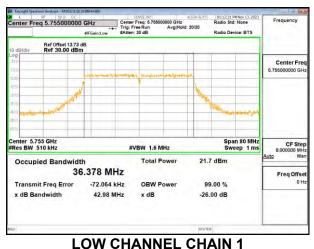


9.4.34. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5755	36.2800	36.3780
High	5795	36.4530	36.4750

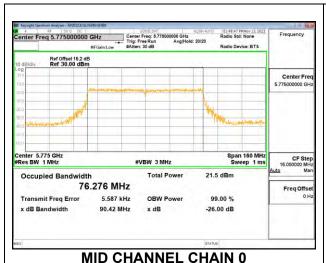


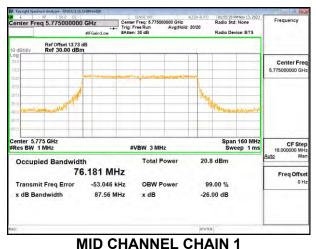


9.4.35. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

(Channel	Frequency	99% Bandwidth	99% Bandwidth
			CHAIN 0	CHAIN 1
		(MHz)	(MHz)	(MHz)
	Mid	5775	76.2760	76.1810

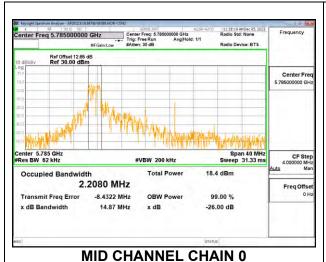


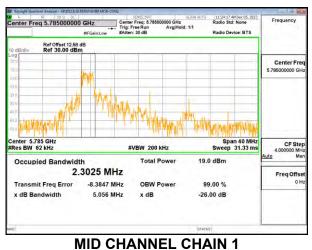


9.4.36. 802.11be EHT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 26T

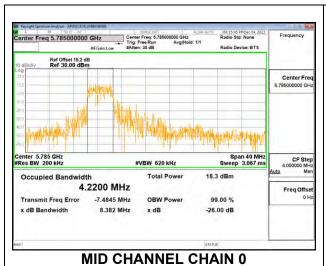
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	2.2870	2.2382
Mid	5785	2.2080	2.3025
High	5825	2.3120	2.2085

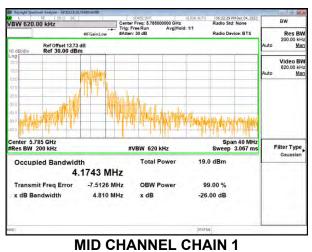




2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T

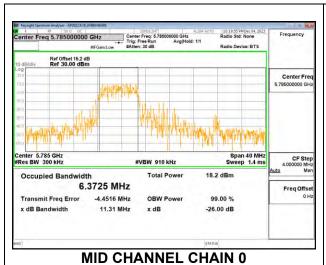
Channel	Frequency	99% Bandwidth	99% Bandwidth
	, ,	CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	4.1833	4.2449
Mid	5785	4.2200	4.1743
High	5825	4.2727	4.2496

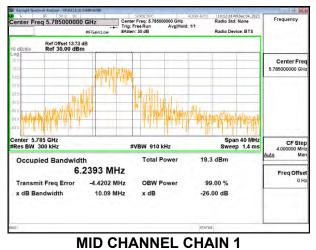




2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T+26T

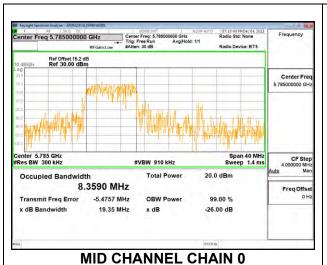
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	6.3732	6.2565
Mid	5785	6.3725	6.2393
High	5825	6.5439	6.1499

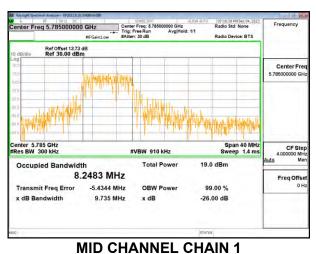




2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	8.3480	8.3570
Mid	5785	8.3590	8.2483
High	5825	8.3584	8.6111

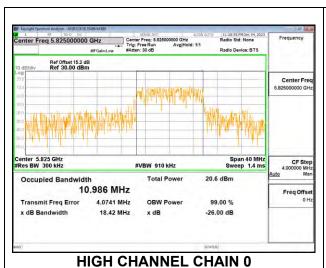


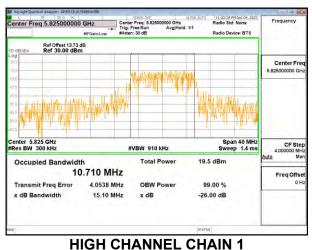


2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T+26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	10.9590	10.9020
Mid	5785	10.7760	10.7760
High	5825	10.9860	10.7100

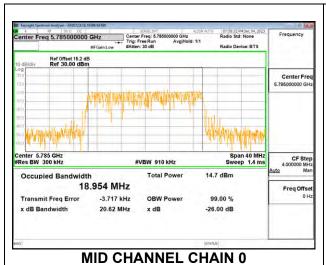
HIGH CHANNEL

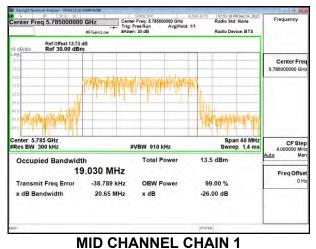




2TX CHAIN 0 + CHAIN 1 CDD MODE - 242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5745	19.0120	18.9740
Mid	5785	18.9540	19.0300
High	5825	19.0230	19.0200

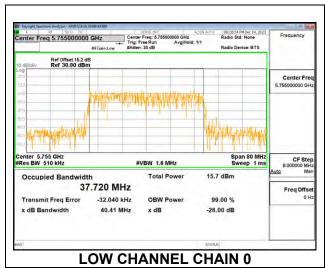


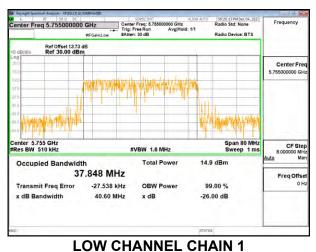


9.4.37. 802.11be EHT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5755	37.7200	37.8480
High	5795	38.0090	37.8480



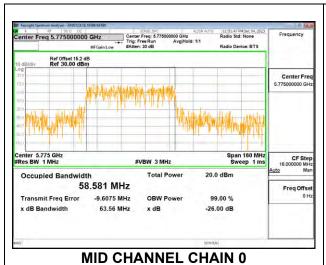


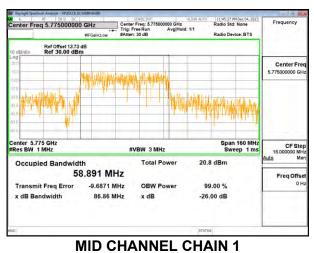
9.4.38. 802.11be EHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T+242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5775	58.5810	58.8910

MID CHANNEL



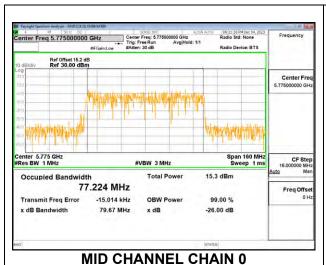


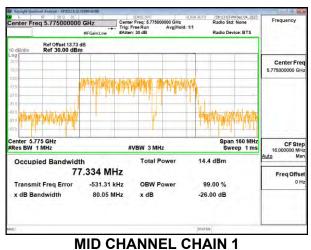
DATE: 2024-04-09

IC: 3048A-2036

2TX CHAIN 0 + CHAIN 1 CDD MODE - 996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5775	77.2240	77.3340

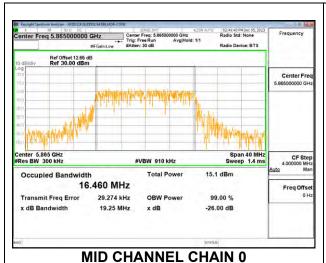


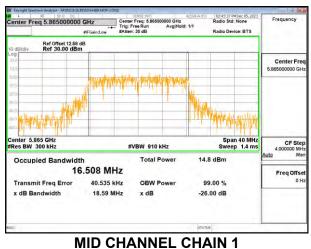


9.4.39. 802.11a MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	16.6890	16.6780
Mid	5865	16.4600	16.5080
High	5885	16.4530	16.4710



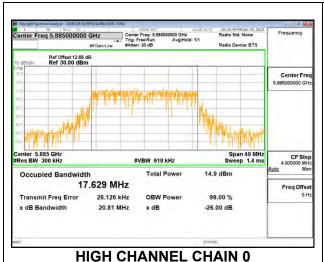


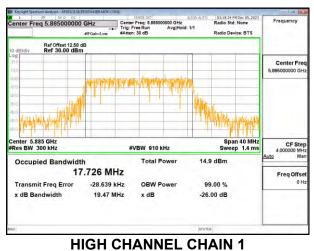
9.4.40. 802.11n HT20 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	17.7233	17.7968
Mid	5865	17.7280	17.6950
High	5885	17.6287	17.7260

HIGH CHANNEL



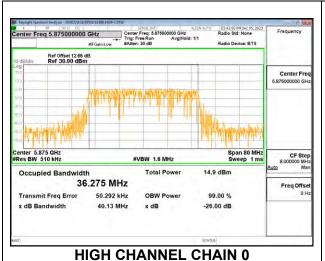


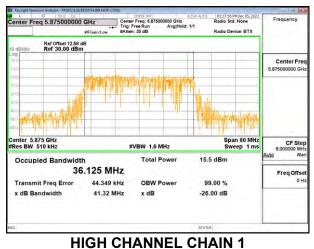
9.4.41. 802.11n HT40 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5835	36.2460	36.3690
High	5875	36.2750	36.1250

HIGH CHANNEL

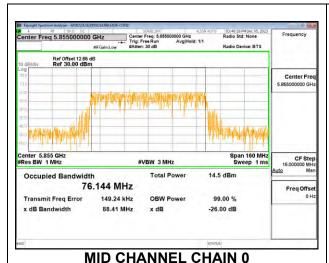


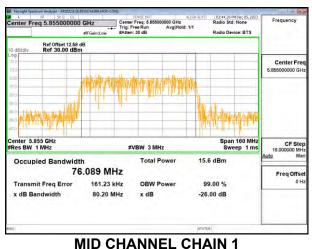


9.4.42. 802.11ac VHT80 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5855	76.1440	76.0890

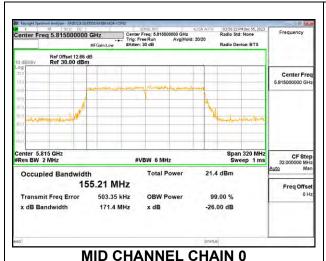


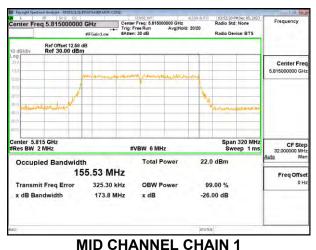


9.4.43. 802.11ac VHT160 MODE IN THE 5.8/5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5815	155.2100	155.5300



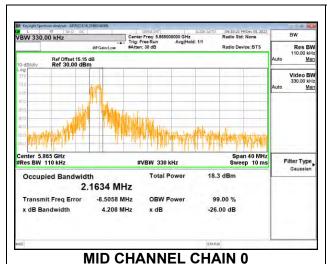


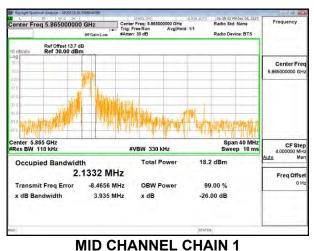
9.4.44. 802.11be EHT20 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	2.2621	2.2937
Mid	5865	2.1634	2.1332
High	5885	2.3080	2.1706

MID CHANNEL



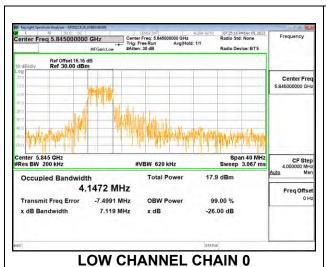


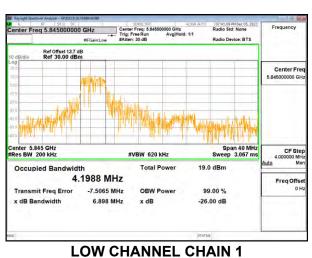
DATE: 2024-04-09

IC: 3048A-2036

2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	4.1472	4.1988
Mid	5865	4.2124	4.2167
High	5885	4.1798	4.2045

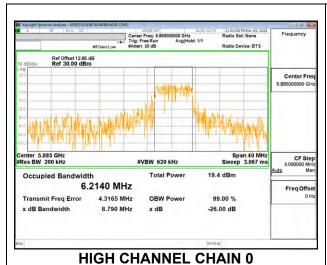


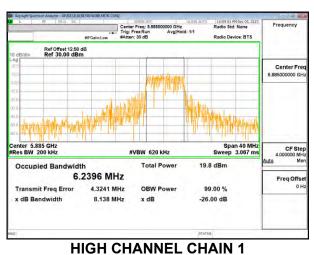


2TX CHAIN 0 + CHAIN 1 CDD MODE - 52T+26T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	6.2537	6.2609
Mid	5865	6.2553	6.2858
High	5885	6.2140	6.2396

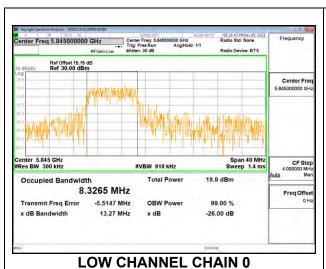
HIGH CHANNEL

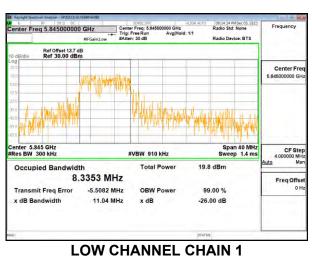




2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T

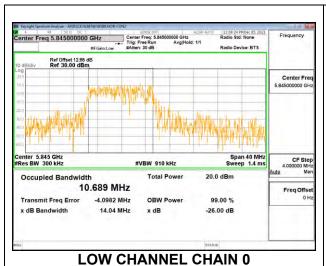
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	8.3265	8.3353
Mid	5865	8.5183	8.3627
High	5885	8.3365	8.3315

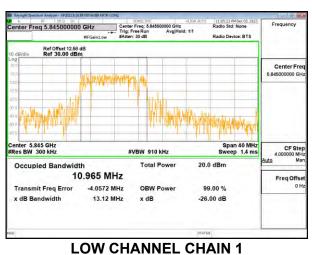




2TX CHAIN 0 + CHAIN 1 CDD MODE - 106T+26T

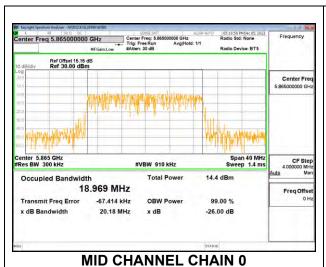
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	10.6890	10.9650
Mid	5865	10.9420	10.9000
High	5885	10.9430	10.9640

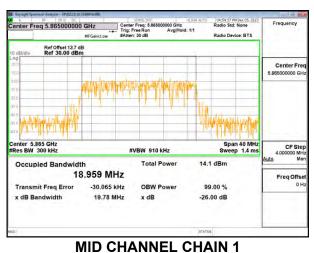




2TX CHAIN 0 + CHAIN 1 CDD MODE - 242T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5845	19.0740	19.0190
Mid	5865	18.9690	18.9590
High	5885	18.9810	19.0060

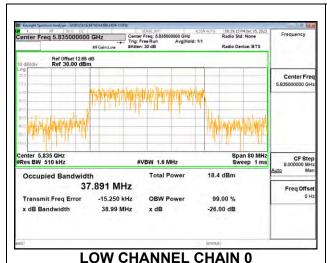


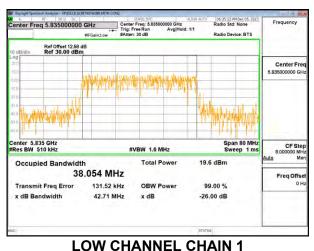


9.4.45. 802.11be EHT40 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Low	5835	37.8910	38.0540
High	5875	38.2950	38.2020

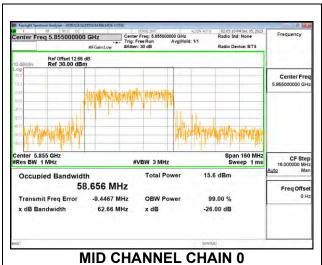


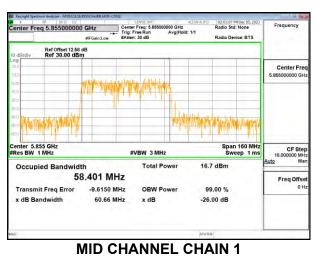


9.4.46. 802.11be EHT80 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 484T+242T

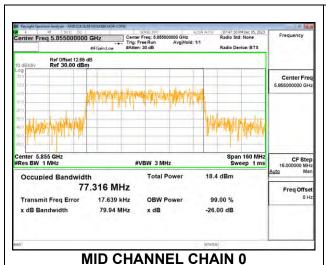
Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	
Mid	5855	58.6560	58.4010

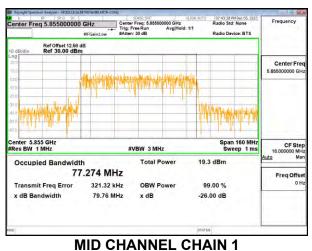




2TX CHAIN 0 + CHAIN 1 CDD MODE - 996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5855	77.3160	77.2740



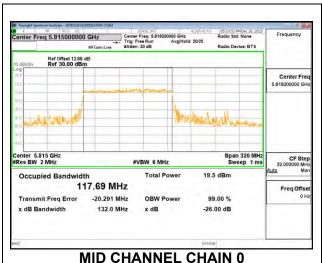


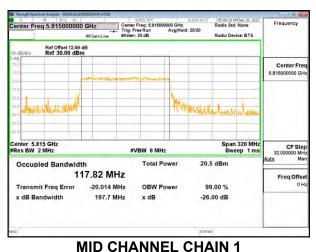
9.4.47. 802.11be EHT160 MODE IN THE 5.8/5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE - 996T+484T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5815	117.6900	117.8200

MID CHANNEL

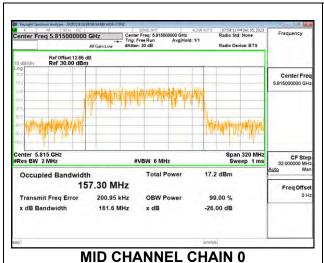


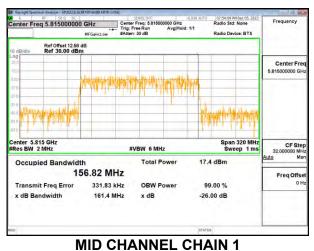


2TX CHAIN 0 + CHAIN 1 CDD MODE - 2*996T

Channel	Frequency	99% Bandwidth	99% Bandwidth
		CHAIN 0	CHAIN 1
	(MHz)	(MHz)	(MHz)
Mid	5815	157.3000	156.8200

MID CHANNEL





9.5. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15-5.25 GHz

(1)(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

(2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

(3) (i) The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

Band 5.850-5.895 GHz:

(3)(iii) For client devices operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

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RSS-247

Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

Band 5.850-5.895 GHz

For indoor client devices, the maximum e.i.r.p. shall not exceed 1 W (30 dBm). The maximum e.i.r.p. spectral density shall not exceed 14 dBm/MHz.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b. (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband average power sensor. Gated average output power was read directly from power meter. EUT was connected to spectrum analyzer for PSD measurements.

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DIRECTIONAL ANTENNA GAIN

2 TX DIRECTIONAL ANTENNA GAIN

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

	Chain 0	Chain 1	Uncorrelated Chains	Correlated Chains
	Antenna	Antenna	Directional	Directional
Band	Gain	Gain	Gain	Gain
(GHz)	(dBi)	(dBi)	(dBi)	(dBi)
5.2	7.72	6.74	5.44	8.26
5.3	8.05	6.74	5.44	8.26
5.6	6.35	5.22	3.52	6.40
5.8	7.27	5.73	4.60	7.41
5.9	7.27	5.73	4.60	7.41

Directional gains for MIMO operations were declared by the manufacturer.

9.5.1. 802.11a MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Antenna Gain and Limits

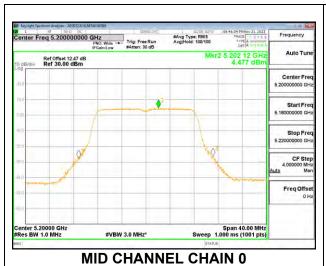
Channel	Frequency	Directional	Directional	Power	PSD
		Gain Gain		Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
Low	5180	5.44	8.26	24.00	8.74
Mid	5200	5.44	8.26	24.00	8.74
High	5240	5.44	8.26	24.00	8.74

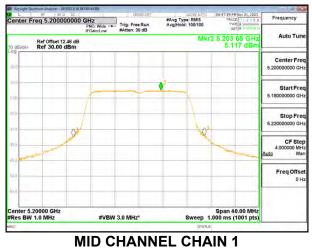
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD	
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	16.20	15.80	19.01	24.00	-4.99
Mid	5200	16.27	16.06	19.18	24.00	-4.82
High	5240	15.44	15.98	18.73	24.00	-5.27

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
Low	5180	4.42	4.68	7.56	8.74	-1.18
Mid	5200	4.48	5.12	7.82	8.74	-0.92
High	5240	4.17	4.84	7.53	8.74	-1.21





REPORT NO: R14932101-E7a DATE: 2024-04-09 IC: 3048A-2036 FCC ID: C3K2036

2TX Chain 0 + Chain 1 CDD MODE (IC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Bandwidth, Antenna Gain, and Limits

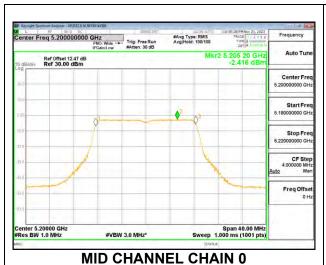
Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/1MHz)	(dBm/1MHz)
Low	5180	16.5880	5.44	8.26	22.20	16.76	10.00	1.74
Mid	5200	16.5890	5.44	8.26	22.20	16.76	10.00	1.74
High	5240	16.5860	5.44	8.26	22.20	16.76	10.00	1.74

Duty Cycle CF (dB) 0.0	00 Included i	n Calculations of Corr'd PSD
------------------------	---------------	------------------------------

Output Power Results

Output I Ower Results								
Channel	Frequency	Chain 0	Chain 1	Total	Power	Power		
		Meas	Meas	Corr'd	Limit	Margin		
		Power	Power	Power				
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5180	9.09	9.40	12.26	16.76	-4.50		
Mid	5200	9.03	9.61	12.34	16.76	-4.42		
High	5240	8.49	8.68	11.60	16.76	-5.16		

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
Low	5180	-2.36	-2.24	0.71	1.74	-1.03
Mid	5200	-2.42	-1.88	0.87	1.74	-0.87
High	5240	-2.78	-2.26	0.50	1.74	-1.24





9.5.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Antenna Gain and Limits

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/
					1MHz)
Low	5180	5.44	8.26	24.00	8.74
Mid	5200	5.44	8.26	24.00	8.74
High	5240	5.44	8.26	24.00	8.74

Du	ty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD	
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Output Power Results

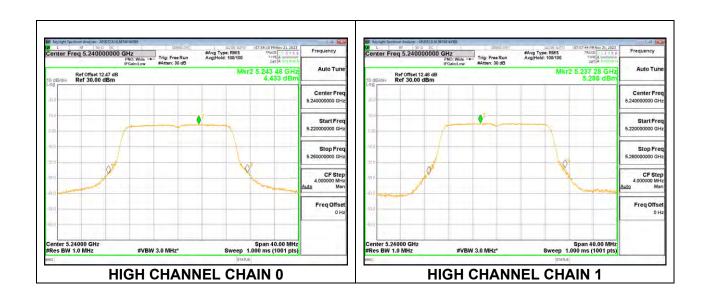
Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	14.87	14.41	17.66	24.00	-6.34
Mid	5200	15.92	16.41	19.18	24.00	-4.82
High	5240	16.01	16.52	19.28	24.00	-4.72

PSD Results

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)
					1MHz)	
Low	5180	4.64	5.06	7.86	8.74	-0.88
	5000	4.50	4.00	7.00	0.74	4.05
Mid	5200	4.56	4.80	7.69	8.74	-1.05

DATE: 2024-04-09

IC: 3048A-2036



2TX Chain 0 + Chain 1 CDD MODE (IC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Bandwidth, Antenna Gain, and Limits

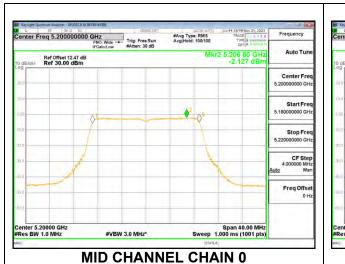
Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/	(dBm/
							1MHz)	1MHz)
Low	5180	17.7400	5.44	8.26	22.49	17.05	10.00	1.74
Mid	5200	17.7440	5.44	8.26	22.49	17.05	10.00	1.74
High	5240	17.7580	5.44	8.26	22.49	17.05	10.00	1.74

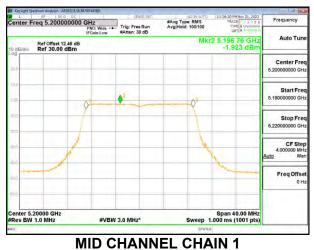
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	9.44	9.92	12.70	17.05	-4.35
Mid	5200	9.57	10.00	12.80	17.05	-4.25
High	5240	8.92	9.70	12.34	17.05	-4.72

1 OD Results						
Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)
					1MHz)	
Low	5180	-2.26	-1.92	0.92	1.74	-0.82
Mid	5200	-2.13	-1.92	0.99	1.74	-0.75
High	5240	-2.47	-1.81	0.88	1.74	-0.86





9.5.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC)

Test Engineer:	84740/44389, 33499/44389
Test Date:	2023/11/08. 2023/11/21

Antenna Gain and Limits

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/
					1MHz)
Low	5190	5.44	8.26	24.00	8.74
High	5230	5.44	8.26	24.00	8.74

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
	((==:::)	(()	(/	()
Low	5190	15.08	14.93	18.02	24.00	-5.98

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/	(dBm/	(dBm/	(dBm/	(dB)
		1MHz)	1MHz)	1MHz)	1MHz)	
Low	5190	3.24	3.81	6.54	8.74	-2.20
High	5230	3.21	4.56	6.95	8.74	-1.79





2TX Chain 0 + Chain 1 CDD MODE (IC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Bandwidth, Antenna Gain, and Limits

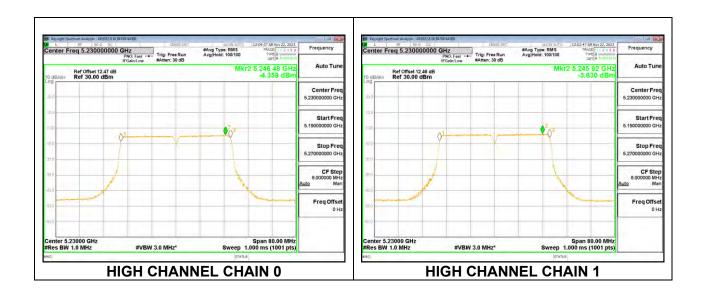
Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/	(dBm/
							1MHz)	1MHz)
Low	5190	36.3840	5.44	8.26	23.00	17.56	10.00	1.74
High	5230	36.3870	5.44	8.26	23.00	17.56	10.00	1.74

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5190	13.39	13.81	16.62	17.56	-0.94

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/	(dBm/	(dBm/	(dBm/	(dB)
		1MHz)	1MHz)	1MHz)	1MHz)	
Low	5190	-5.17	-4.64	-1.89	1.74	-3.63
High	5230	-4.36	-3.63	-0.97	1.74	-2.71



9.5.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC)

Test Engineer:	84740/44389, 33499/44389
Test Date:	2023/11/07,2023/11/21

Antenna Gain and Limits

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/
					1MHz)
Low	5210	5.44	8.26	24.00	8.74

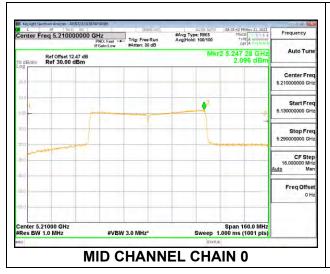
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd Power & PSD
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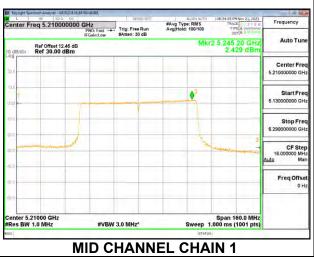
Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5210	14.86	14.55	17.72	24.00	-6.28

PSD Results

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/	(dBm/	(dBm/	(dBm/	(dB)
		1MHz)	1MHz)	1MHz)	1MHz)	
Low	5210	2.10	2.43	5.39	8.74	-3.35





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2TX Chain 0 + Chain 1 CDD MODE (IC)

Test Engineer:	84740/44389
Test Date:	2023/11/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/	(dBm/
							1MHz)	1MHz)
Mid	5210	76.3290	5.44	8.26	23.00	17.56	10.00	1.74

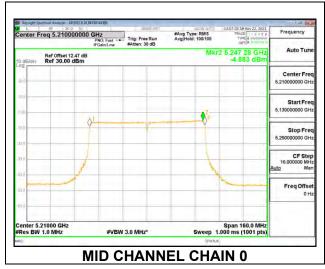
Duty Cycle CF (dB) 0.11 Included in Calculations of Corr'd PSD	
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Mid	5210	12.32	11.96	15.15	17.56	-2.41

PSD Results

F3D Results									
hannel	Frequency	Chain 0	Chain 1	Total	PSD	PSD			
		Meas	Meas	Corr'd	Limit	Margin			
		PSD	PSD	PSD					
	(MHz)	(dBm/	(dBm/	(dBm/	(dBm/	(dB)			
		1MHz)	1MHz)	1MHz)	1MHz)				
Mid	5210	-4.88	-4.57	-1.60	1.74	-3.34			
	hannel	hannel Frequency (MHz)	Channel Frequency Chain 0 Meas PSD (MHz) (dBm/ 1MHz)	Channel Frequency Chain 0 Chain 1 Meas Meas PSD PSD (MHz) (dBm/ 1MHz) 1MHz)	Channel Frequency Chain 0 Chain 1 Total Meas Meas Corr'd PSD PSD PSD (MHz) (dBm/ (dBm/ (dBm/ 1MHz) 1MHz) 1MHz)	Channel Frequency Chain 0 Chain 1 Total PSD Meas Meas Corr'd Limit PSD PSD PSD (MHz) (dBm/ (dBm/ (dBm/ (dBm/ 1MHz) 1MHz) 1MHz) 1MHz)			





9.5.5. 802.11be EHT20 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD OFDMA MODE (FCC): 26T

Test Engineer:	85502/44389
Test Date:	2023/11/21

Antenna Gain and Limits

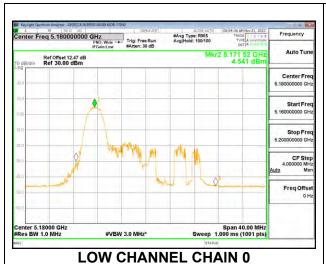
Channel	Frequency	Directional	Directional	Power	PSD
		Gain for Power	Gain for PSD	Limit	Limit
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/ 1MHz)
Low	5180	5.44	8.26	24.00	8.74
Mid	5200	5.44	8.26	24.00	8.74
High	5240	5.44	8.26	24.00	8.74

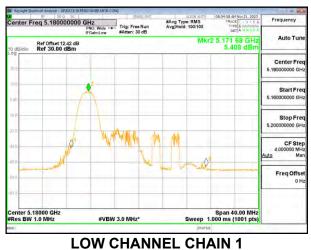
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Output I ower results									
Channel	Frequency	Chain 0	Chain 1	Total	Power	Power			
		Meas	Meas	Corr'd	Limit	Margin			
		Power	Power	Power					
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)			
Low	5180	7.74	7.47	10.62	24.00	-13.38			
Mid	5200	6.70	7.13	9.93	24.00	-14.07			
High	5240	6.79	7.38	10.11	24.00	-13.89			

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
		Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)
					1MHz)	
Low	5180	4.54	5.41	8.01	8.74	-0.73
Mid	5200	4.09	5.15	7.66	8.74	-1.08
	5240	4.20	4.82	7.53	8.74	-1.21





2TX Chain 0 + Chain 1 CDD OFDMA MODE (IC): 26T

Test Engineer:	85502/44389
Test Date:	2023/11/21

Bandwidth, Antenna Gain, and Limits

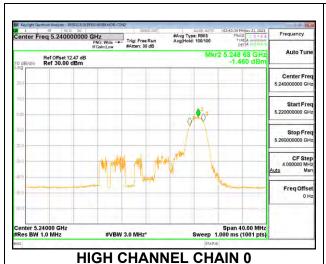
Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/	(dBm/
							1MHz)	1MHz)
Low	5180	2.2512	5.44	8.26	13.52	8.08	10.00	1.74
Mid	5200	2.2191	5.44	8.26	13.46	8.02	10.00	1.74
High	5240	2.2246	5.44	8.26	13.47	8.03	10.00	1.74

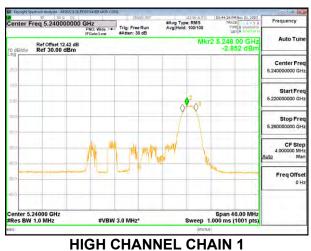
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD	
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas Meas		Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	0.06	0.21	3.15	8.08	-4.94
Mid	5200	0.30	0.25	3.29	8.02	-4.74
High	5240	1.23	0.03	3.68	8.03	-4.35

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD				
		Meas	Meas	Corr'd	Limit	Margin				
		PSD	PSD	D						
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)				
					1MHz)					
Low	5180	-3.06	-1.94	0.55	1.74	-1.19				
Mid	5200	-2.38	-2.16	0.74	1.74	-1.00				
High	5240	-1.46	-2.85	0.91	1.74	-0.83				





REPORT NO: R14932101-E7a DATE: 2024-04-09 IC: 3048A-2036 FCC ID: C3K2036

2TX Chain 0 + Chain 1 CDD OFDMA MODE (FCC): 52T

Test Engineer:	85502/44389
Test Date:	2023/11/21

Antenna Gain and Limits

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/
					1MHz)
Low	5180	5.44	8.26	24.00	8.74
Mid	5200	5.44	8.26	24.00	8.74
High	5240	5.44	8.26	24.00	8.74

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas Meas		Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	10.24	10.70	13.49	24.00	-10.51
Mid	5200	9.63	10.36	13.02	24.00	-10.98
High	5240	9.76	10.54	13.18	24.00	-10.82

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD
	,	Meas PSD	Meas PSD	Corr'd PSD	Limit	Margin
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/ 1MHz)	(dB)
Low	5180	4.31	5.48	7.95	8.74	-0.79
Mid	5200	3.85	5.63	7.84	8.74	-0.90
High	5240	4.27	4.98	7.65	8.74	-1.09





REPORT NO: R14932101-E7a DATE: 2024-04-09 IC: 3048A-2036 FCC ID: C3K2036

2TX Chain 0 + Chain 1 CDD OFDMA MODE (IC): 52T

Test Engineer:	84740/44389, 33499/44389
Test Date:	2023/11/22

Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	EIRP	Power	EIRP	PSD
		99%	Gain	Gain	Power	Limit	PSD	Limit
		BW	for Power	for PSD	Limit		Limit	
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)	(dBm/	(dBm/
							1MHz)	1MHz)
Low	5180	4.1844	5.44	8.26	16.22	10.78	10.00	1.74
Mid	5200	4.2145	5.44	8.26	16.25	10.81	10.00	1.74
High	5240	4.1559	5.44	8.26	16.19	10.75	10.00	1.74

Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD	
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Output Power Results

Channel	Frequency	Chain 0 Chain 1		Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	3.39	3.78	6.60	10.78	-4.18
Mid	5200	3.42	3.93	6.69	10.81	-4.11
High	5240	2.94	3.40	6.19	10.75	-4.56

Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD			
		Meas	Meas	Corr'd	Limit	Margin			
		PSD	PSD	D					
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)			
					1MHz)				
Low	5180	-2.41	-2.36	0.62	1.74	-1.12			
Mid	5200	-2.07	-2.05	0.95	1.74	-0.79			
High	5240	-2.45	-1.93	0.83	1.74	-0.91			





REPORT NO: R14932101-E7a DATE: 2024-04-09 IC: 3048A-2036 FCC ID: C3K2036

2TX Chain 0 + Chain 1 CDD OFDMA MODE (FCC): 52T+26T

Test Engineer:	85502/44389
Test Date:	2023/11/21

Antenna Gain and Limits

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/
					1MHz)
Low	5180	5.44	8.26	24.00	8.74
Mid	5200	5.44	8.26	24.00	8.74
High	5240	5.44	8.26	24.00	8.74

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency	Chain 0	Chain 1	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	10.96	10.90	13.94	24.00	-10.06
Mid	5200	10.46	10.40	13.44	24.00	-10.56
High	5240	10.68	10.64	13.67	24.00	-10.33

1 OD NOSURS								
Channel	Frequency	Chain 0	Chain 1	Total	PSD	PSD		
		Meas	Meas	Corr'd	Limit	Margin		
		PSD	PSD	PSD				
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/	(dB)		
					1MHz)			
Low	5180	4.34	5.11	7.75	8.74	-0.99		
Mid	5200	4.35	5.34	7.89	8.74	-0.85		
High	5240	4.52	4.89	7.72	8.74	-1.02		