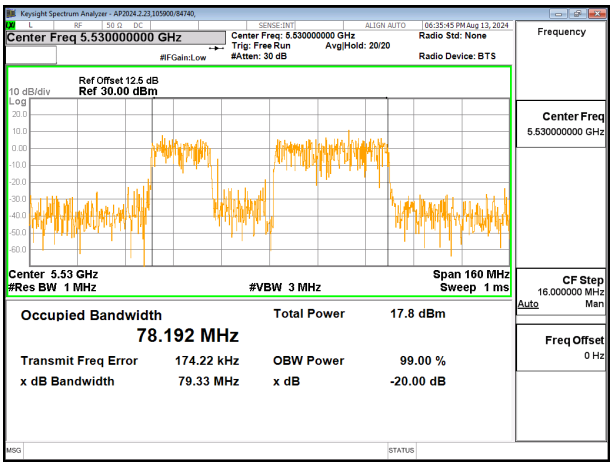
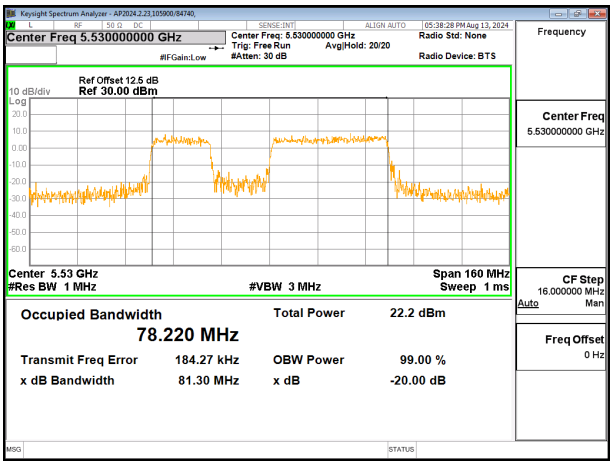
2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N) MRU2

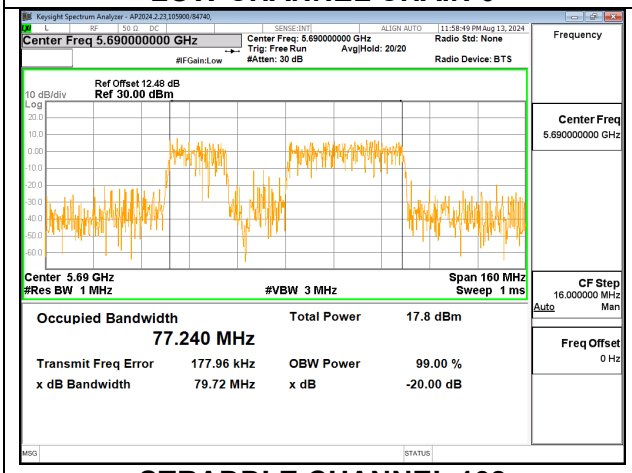
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5530	78.192	78.220
High	5610	77.137	77.596
138	5690	77.240	78.180



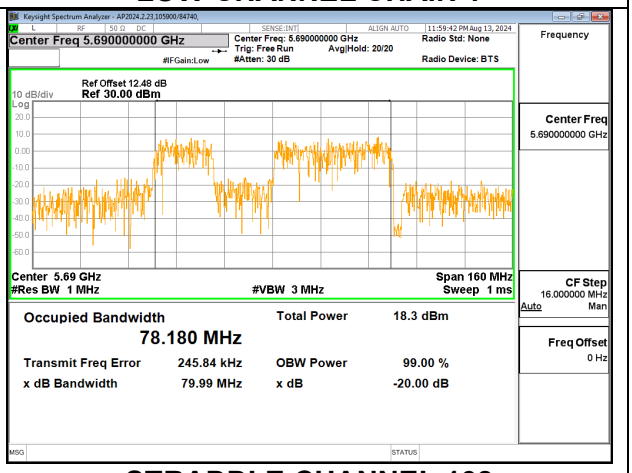
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



STRADDLE CHANNEL 138

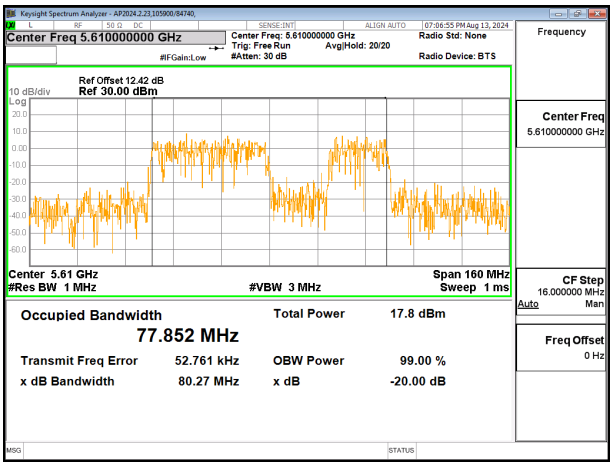


STRADDLE CHANNEL 138

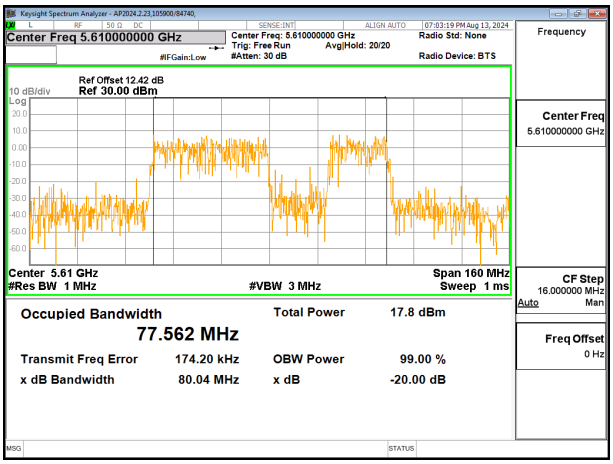
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N) MRU3

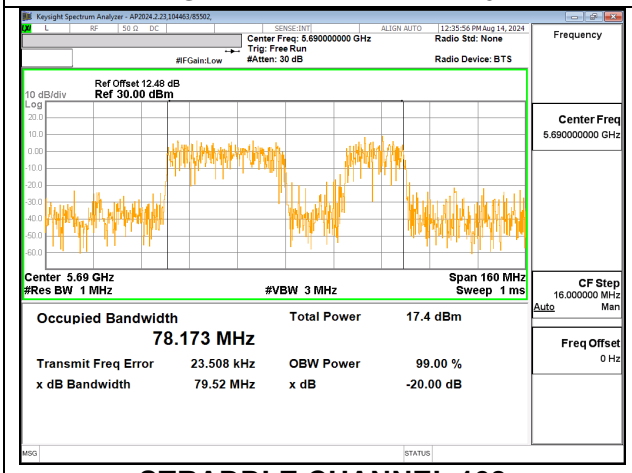
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5530	77.267	77.632
High	5610	77.852	77.562
138	5690	78.173	78.230



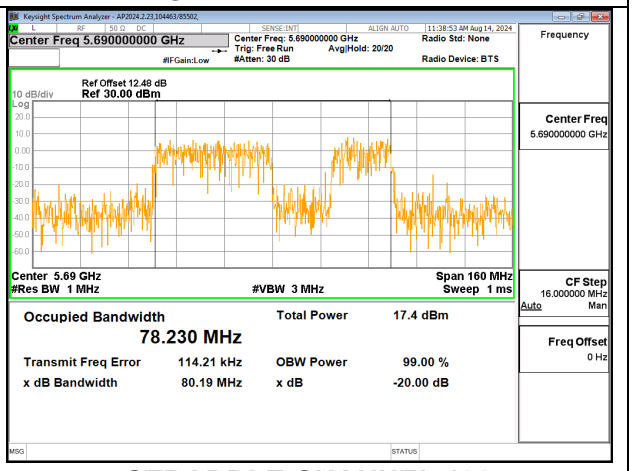
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 138



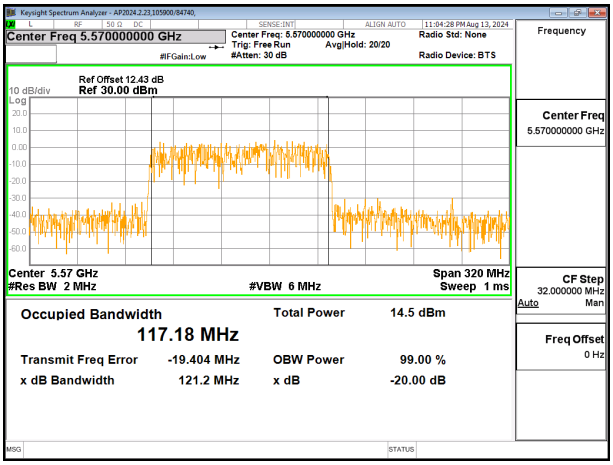
STRADDLE CHANNEL 138

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

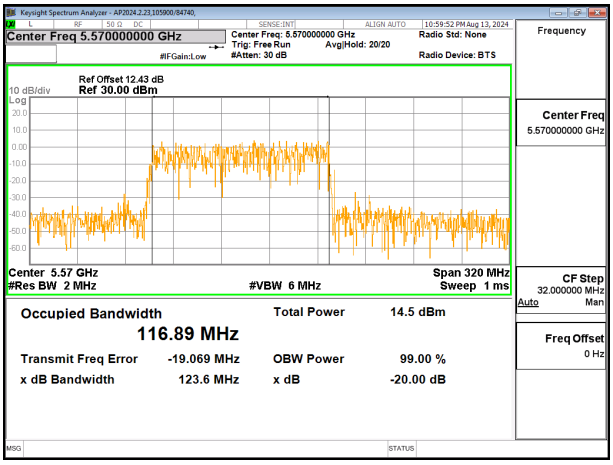
9.4.25. 802.11be EHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+484T (C) MRU LOW

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	117.18	116.89



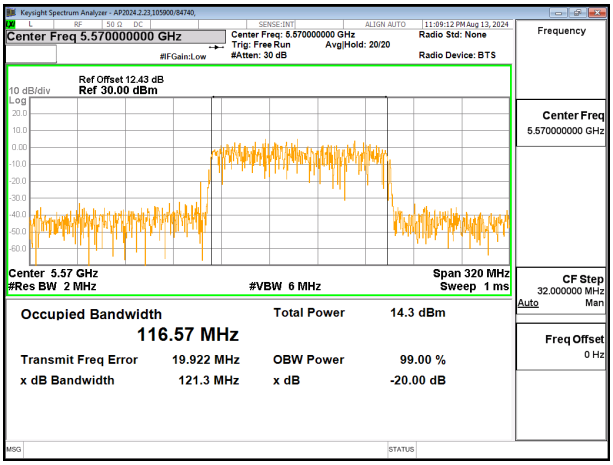
MID CHANNEL CHAIN 0



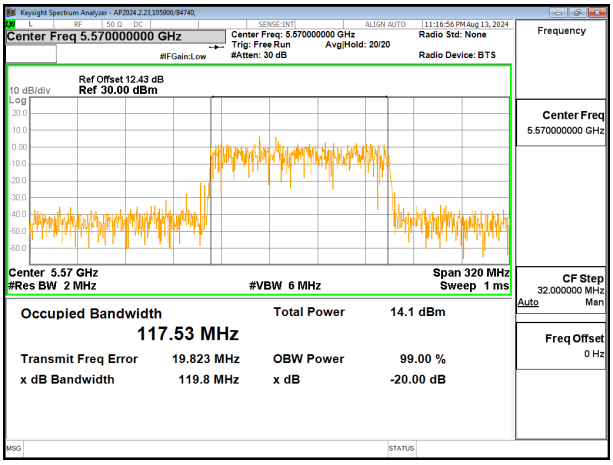
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+484T (C) MRU HIGH

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	116.57	117.53



MID CHANNEL CHAIN 0

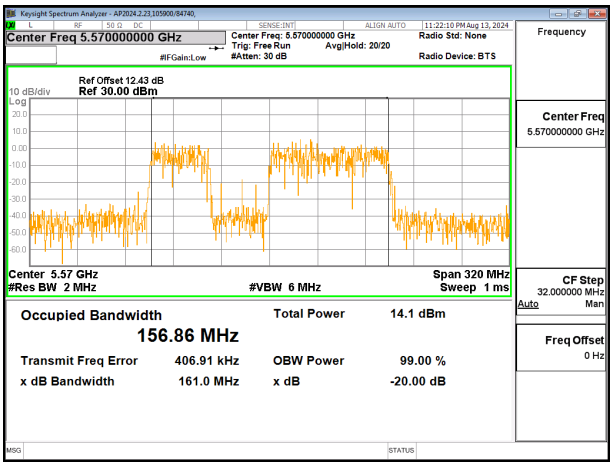


MID CHANNEL CHAIN 1

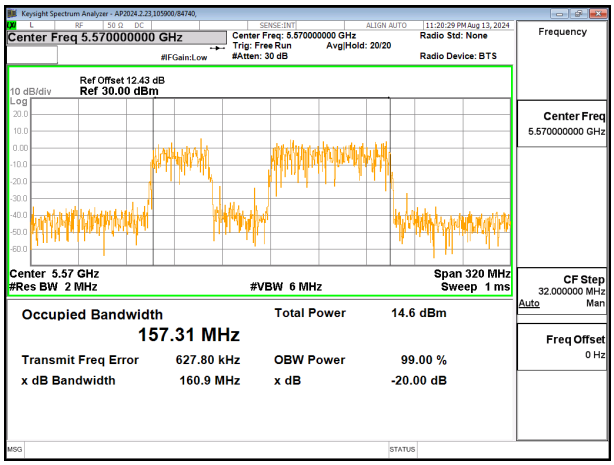
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+996T (N) MRU2

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
MRU2	5570	156.86	157.31



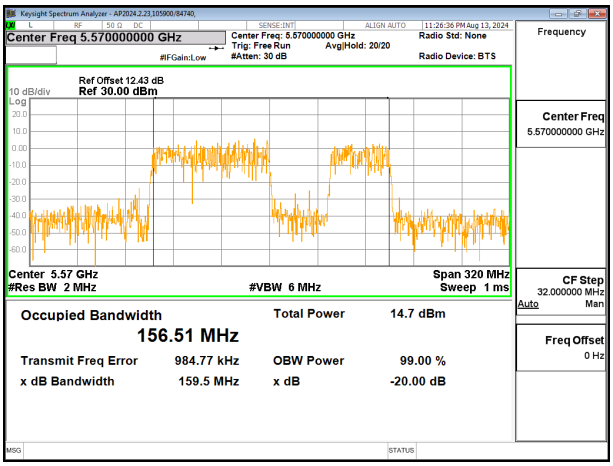
MID CHANNEL CHAIN 0



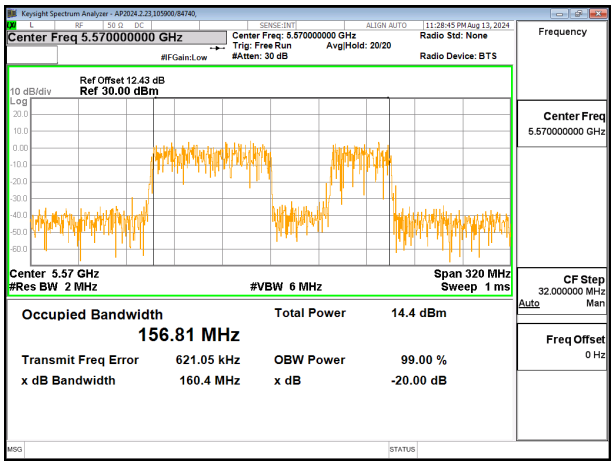
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+484T (N) MRU3

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.51	156.81



MID CHANNEL CHAIN 0

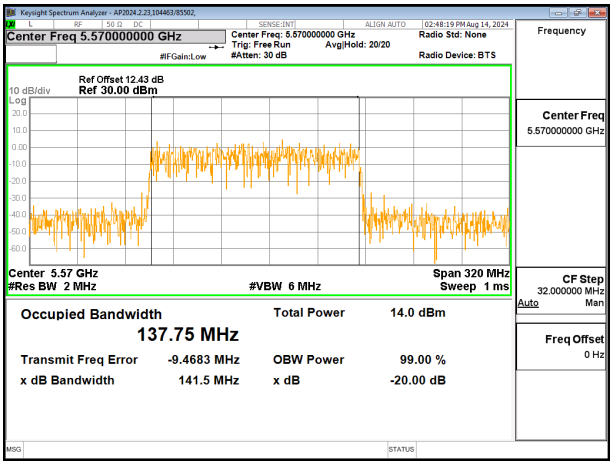


MID CHANNEL CHAIN 1

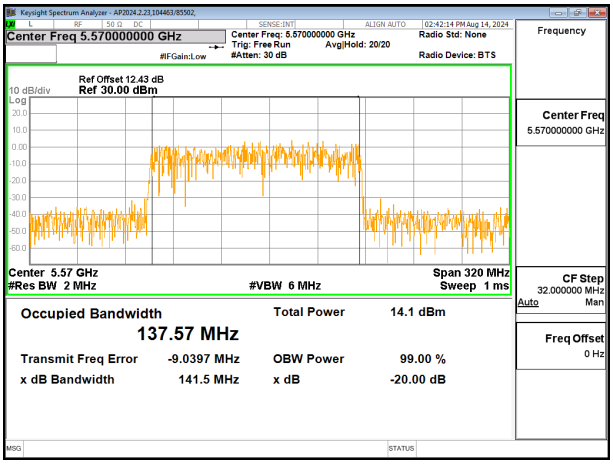
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+484T+242T (C) PUNCTURED 0x80 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	137.75	137.57



MID CHANNEL CHAIN 0

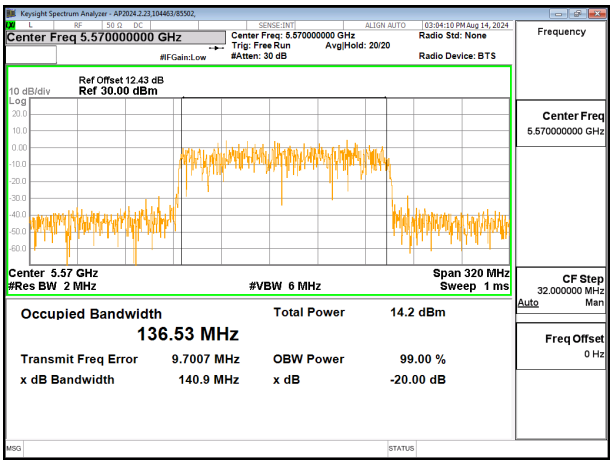


MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+484T+242T (C) PUNCTURED 0x01 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	136.56	136.53

MID CHANNEL CHAIN 0

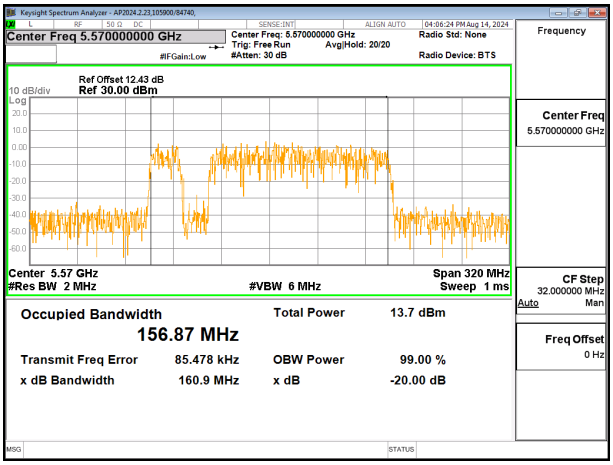


MID CHANNEL CHAIN 1

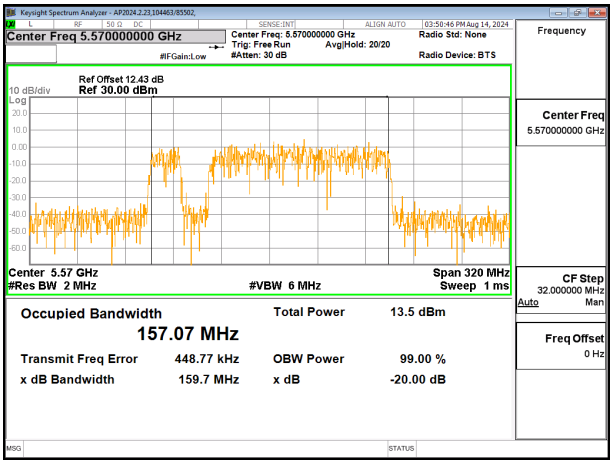
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T+996T (N) PUNCTURED 0x02 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.87	157.07



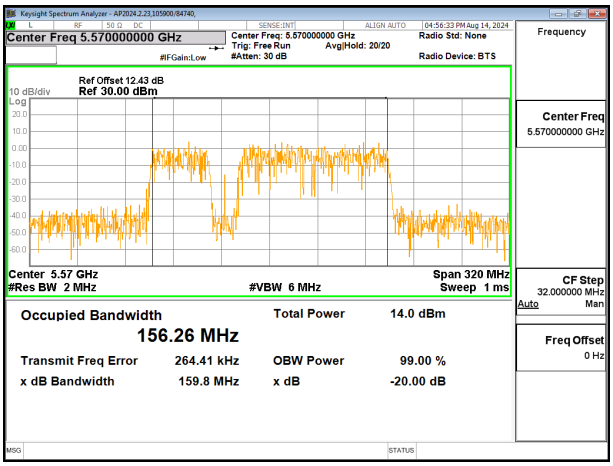
MID CHANNEL CHAIN 0



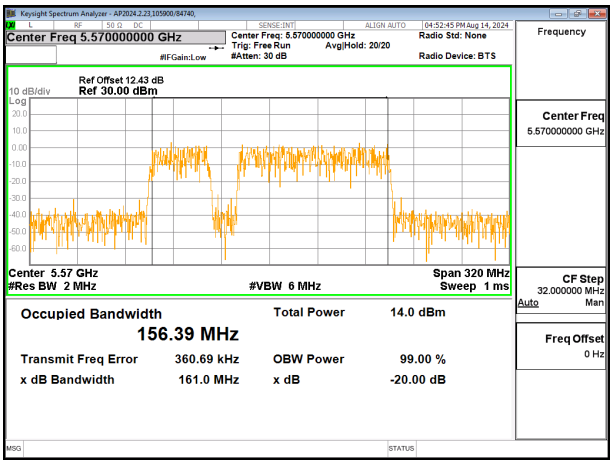
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T+996T (N) PUNCTURED 0x04 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.26	156.39



MID CHANNEL CHAIN 0

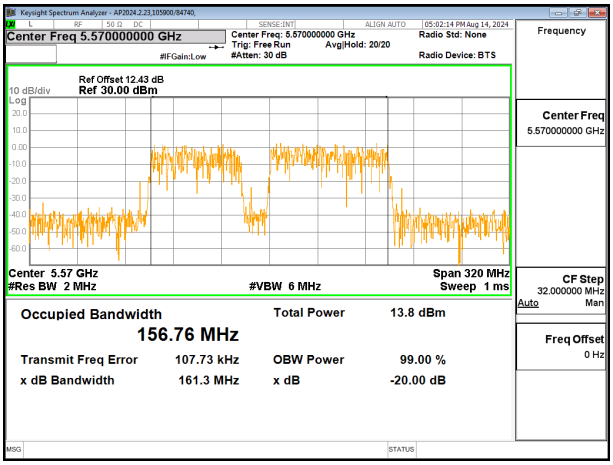


MID CHANNEL CHAIN 1

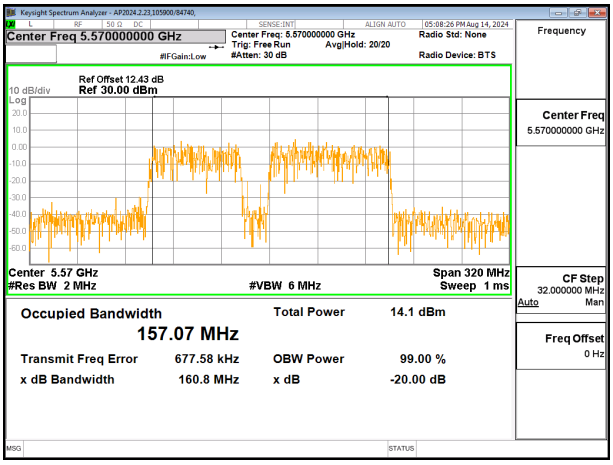
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T+996T (N) PUNCTURED 0x08 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.76	157.07



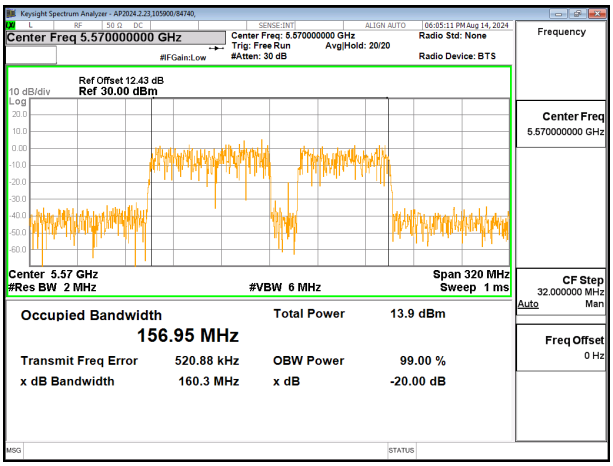
MID CHANNEL CHAIN 0



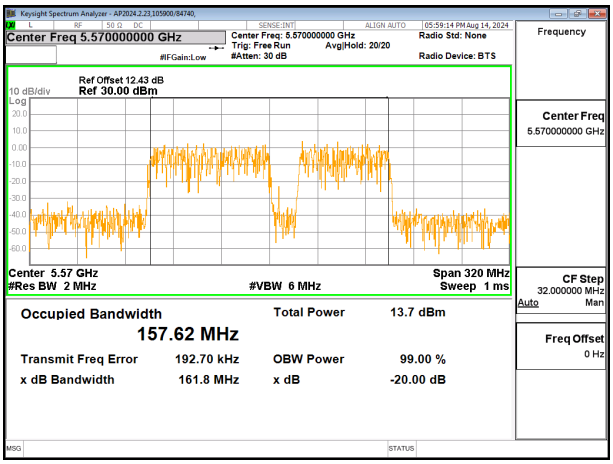
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+242T+484T (N) PUNCTURED 0x10 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.95	157.62



MID CHANNEL CHAIN 0

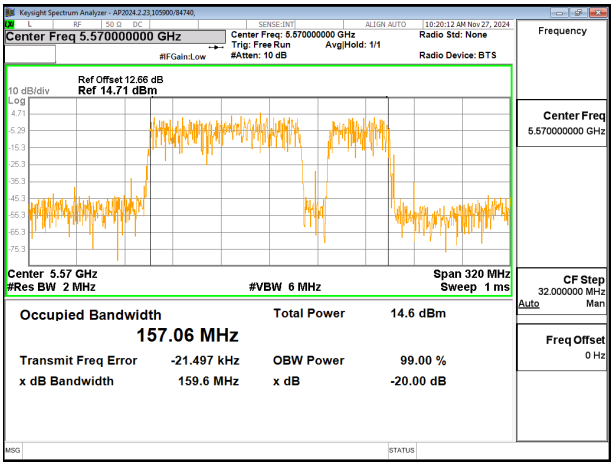


MID CHANNEL CHAIN 1

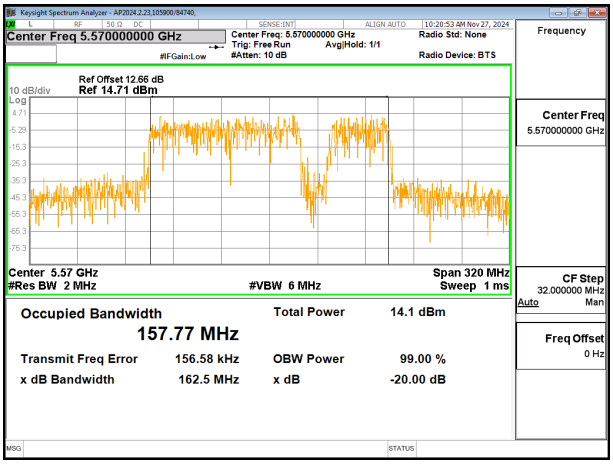
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T+242T+484T (N) PUNCTURED 0x20 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	157.06	157.77



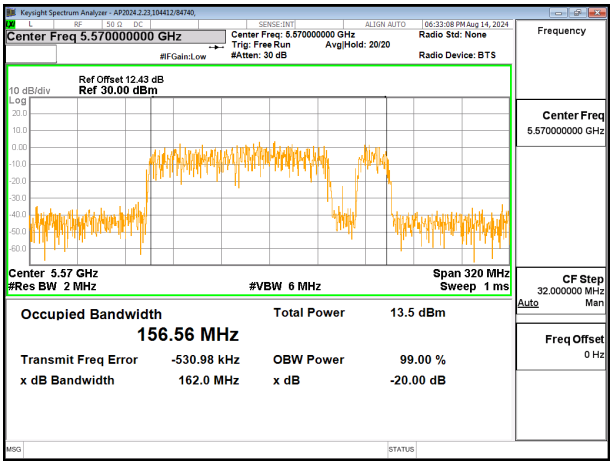
MID CHANNEL CHAIN 0



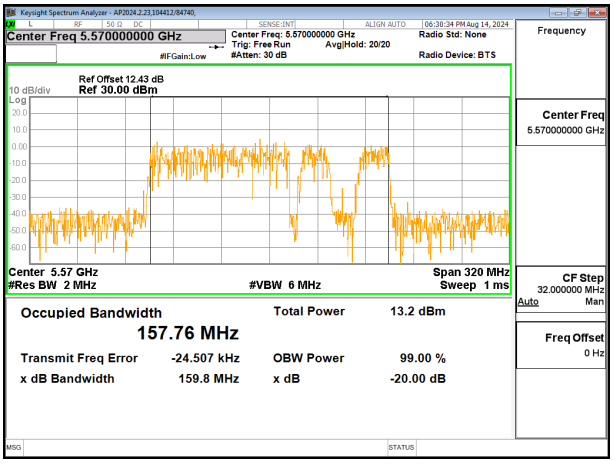
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE –996T+484T+242T (N) PUNCTURED 0x40 MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	156.56	157.76



MID CHANNEL CHAIN 0

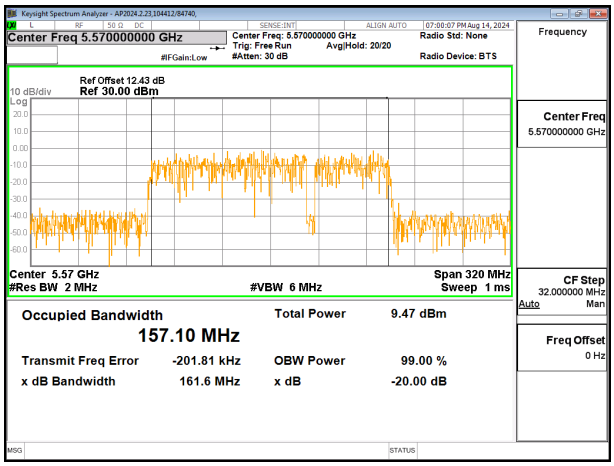


MID CHANNEL CHAIN 1

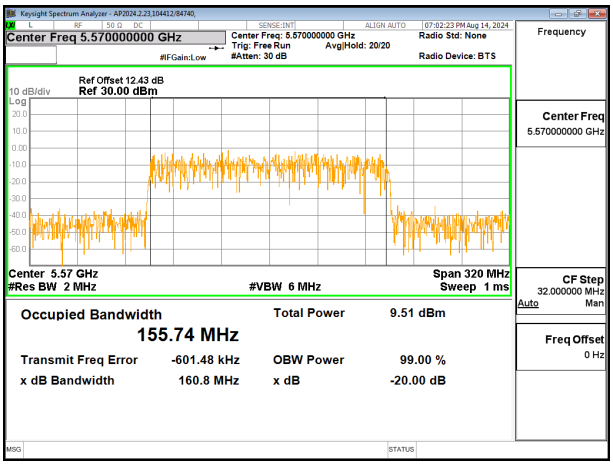
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

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

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5570	157.10	155.74



MID CHANNEL CHAIN 0



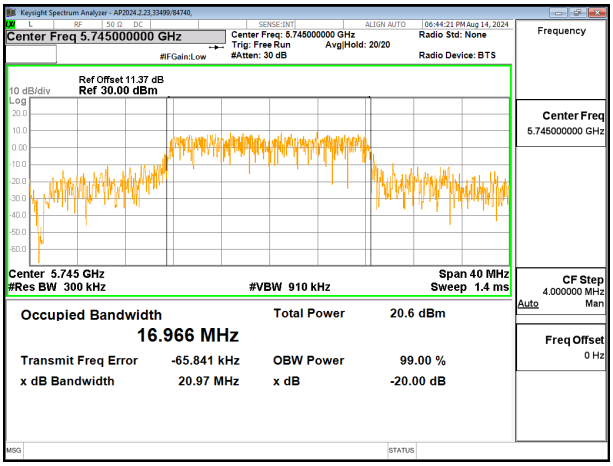
MID CHANNEL CHAIN 1

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

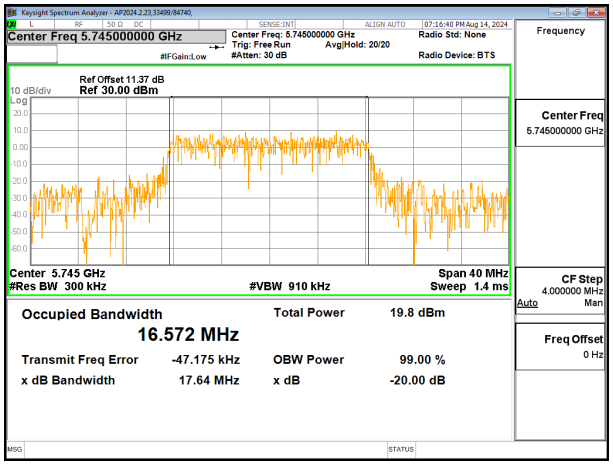
9.4.26. 802.11a MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

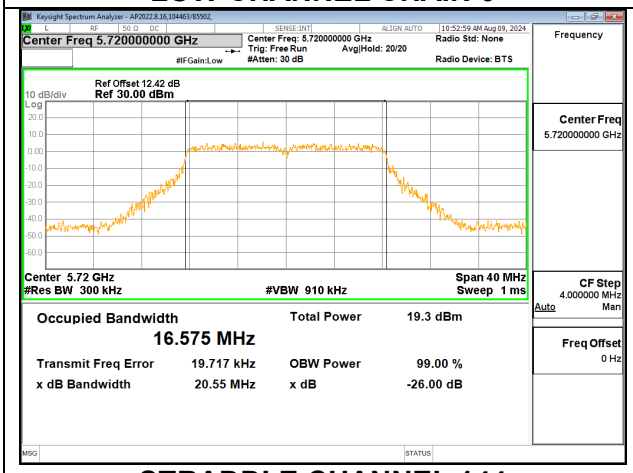
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	16.966	16.572
Mid	5785	16.509	16.453
High	5825	16.646	16.570
144	5720	16.575	16.646



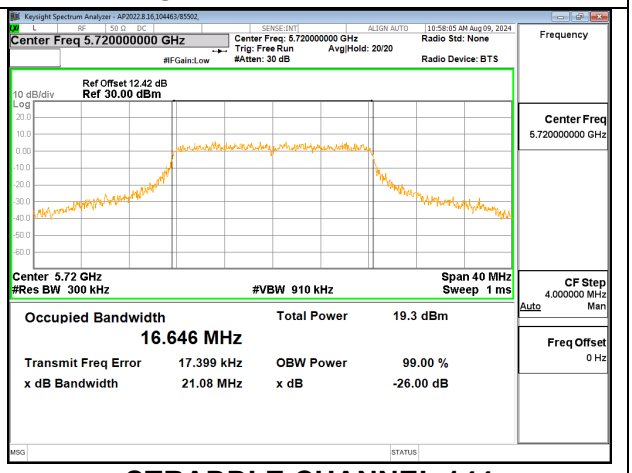
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



STRADDLE CHANNEL 144



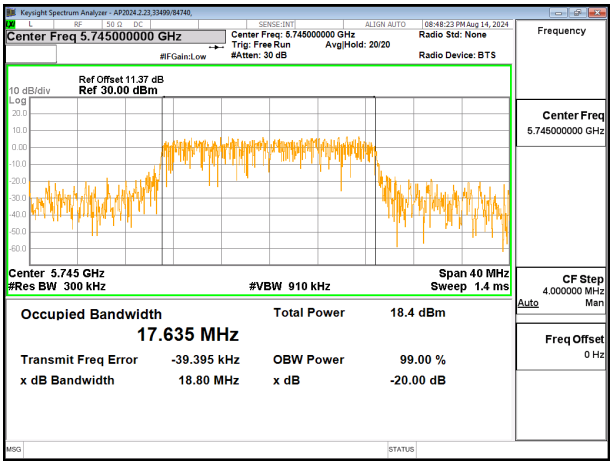
STRADDLE CHANNEL 144

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

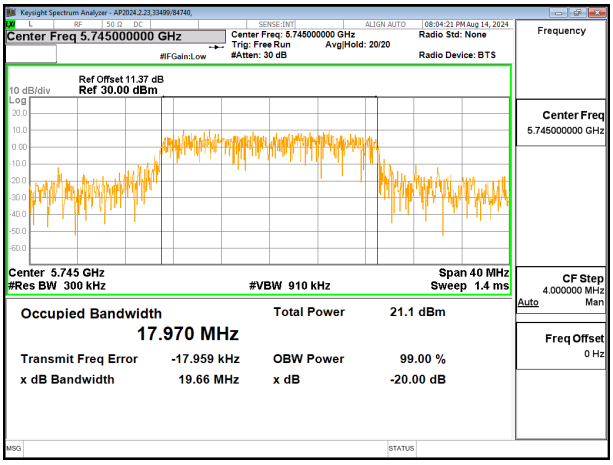
9.4.27. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

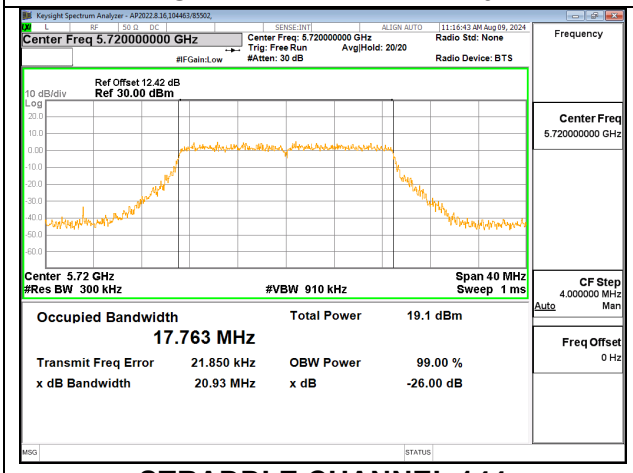
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	17.635	17.970
Mid	5785	17.707	17.774
High	5825	17.790	17.737
144	5720	17.763	17.762



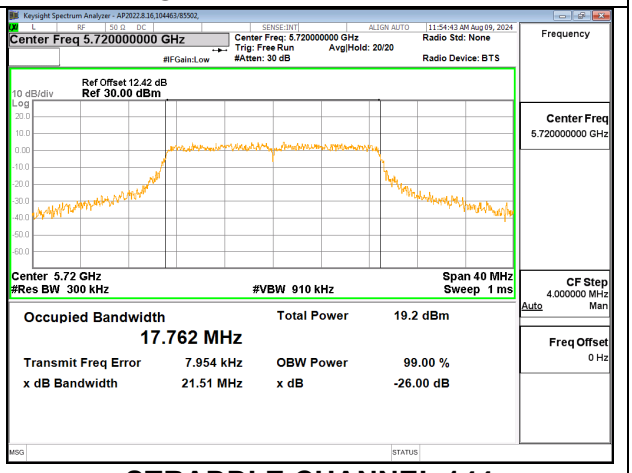
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



STRADDLE CHANNEL 144



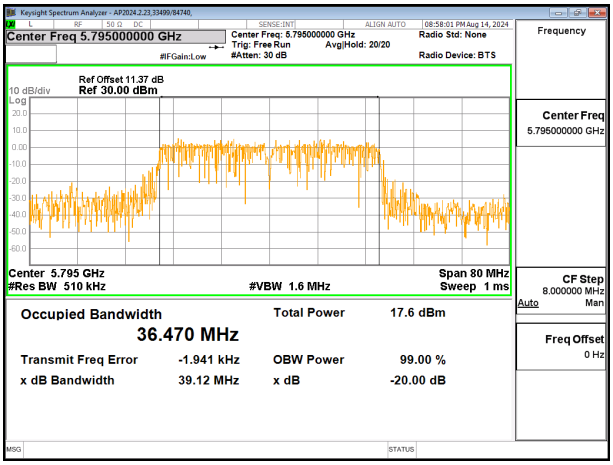
STRADDLE CHANNEL 144

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

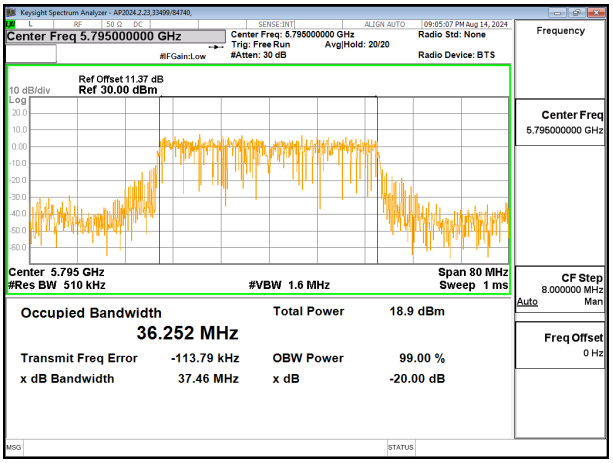
9.4.28. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

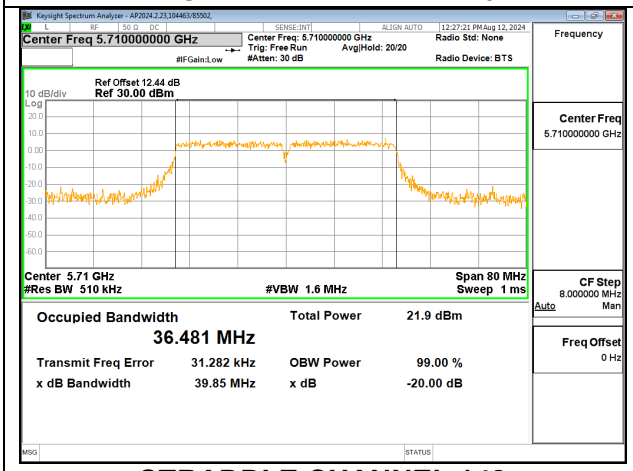
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5755	36.361	36.299
High	5795	36.470	36.252
142	5710	36.481	36.470



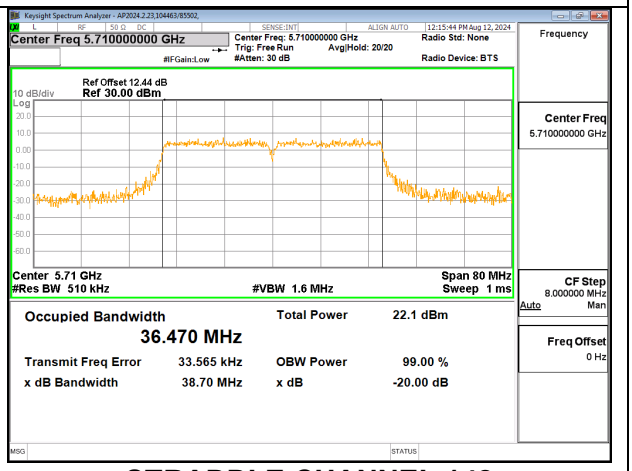
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 142



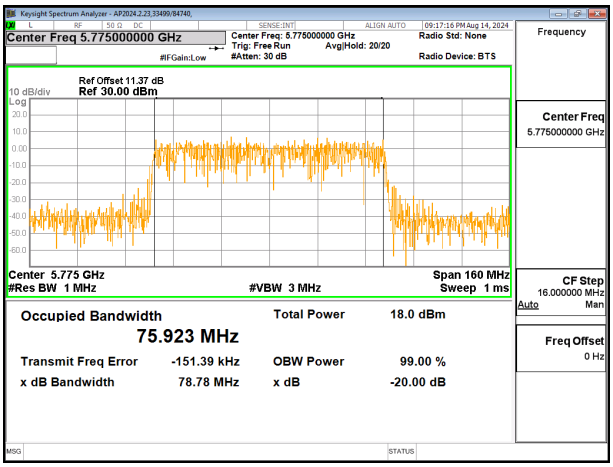
STRADDLE CHANNEL 142

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

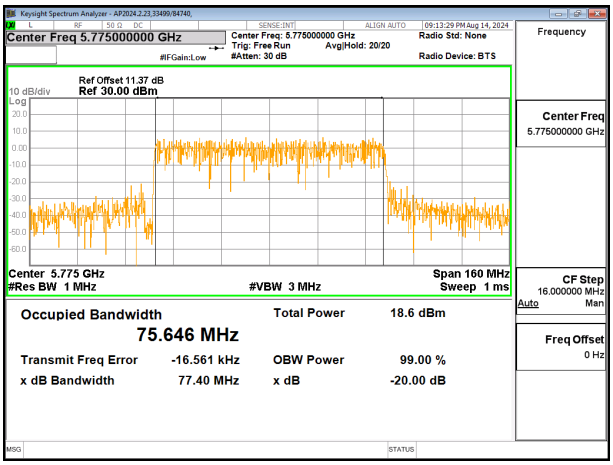
9.4.29. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

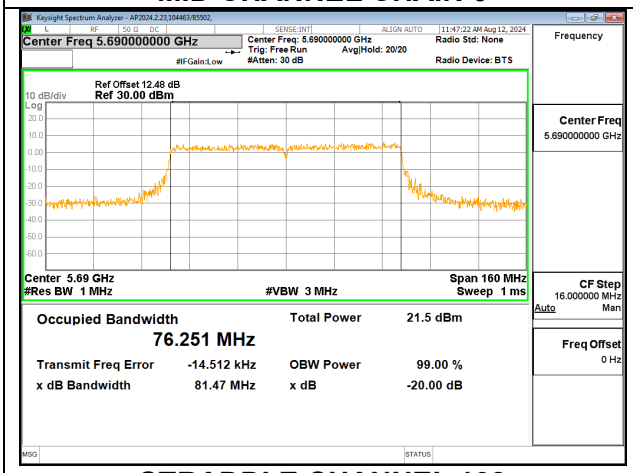
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5775	75.923	75.646
138	5690	76.251	76.913



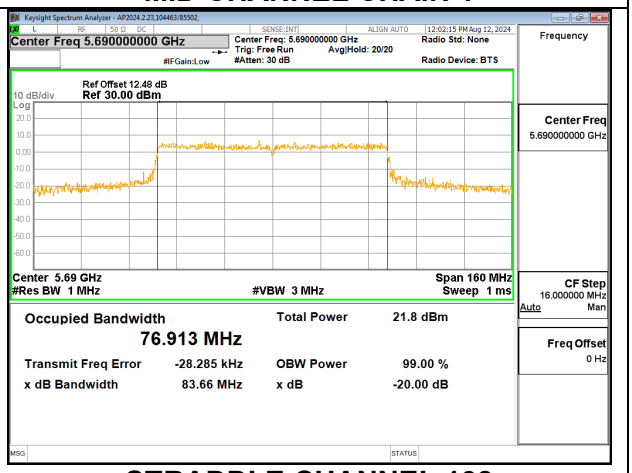
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 138



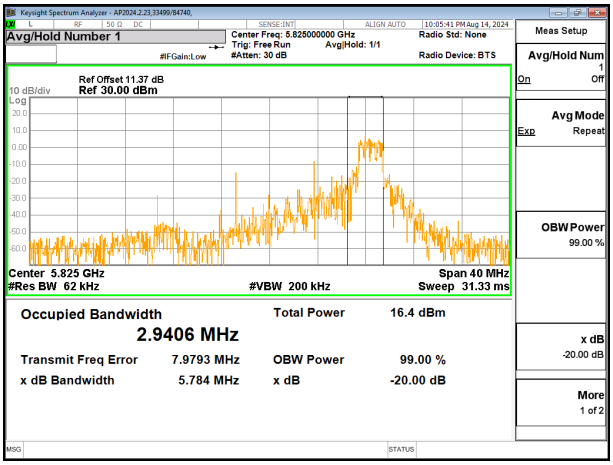
STRADDLE CHANNEL 138

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

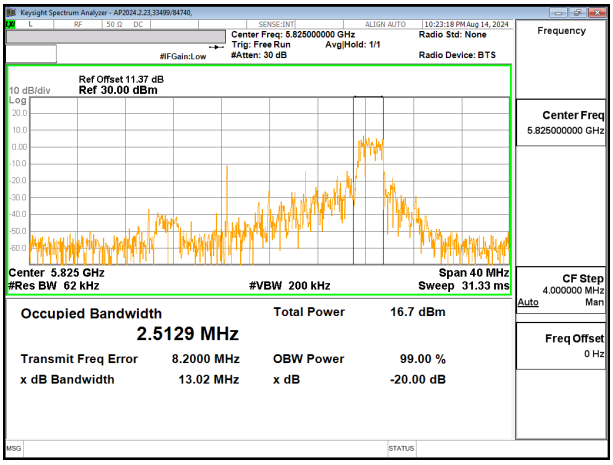
9.4.30. 802.11be EHT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 26T

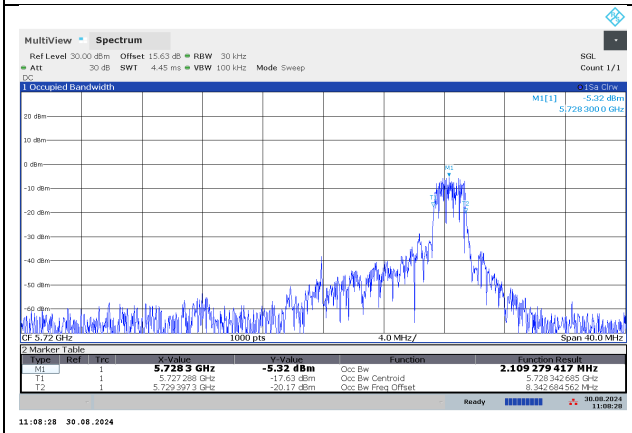
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	2.1692	2.3557
Mid	5785	2.9091	2.6987
High	5825	2.9406	2.5129
144	5720	2.1093	2.1086



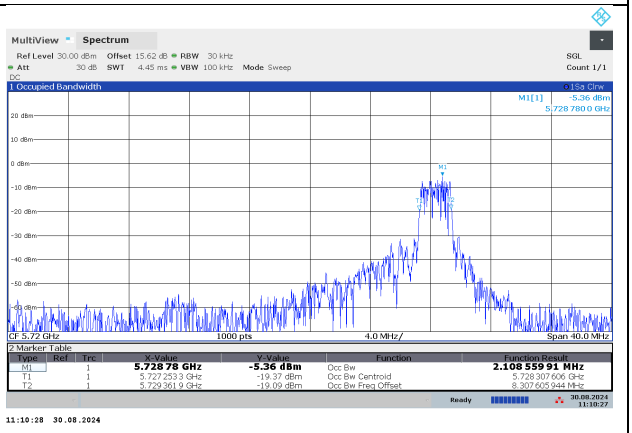
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 144

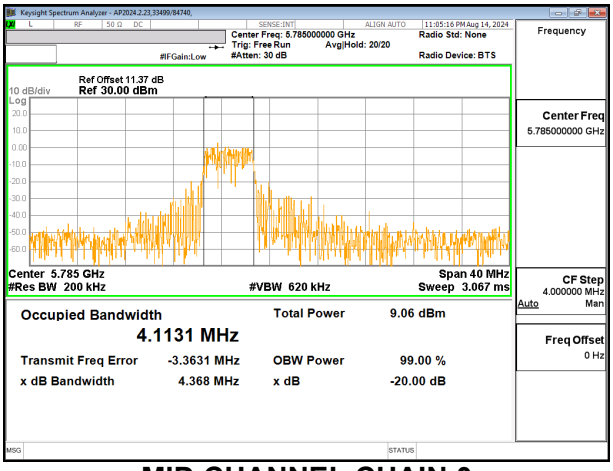


STRADDLE CHANNEL 144

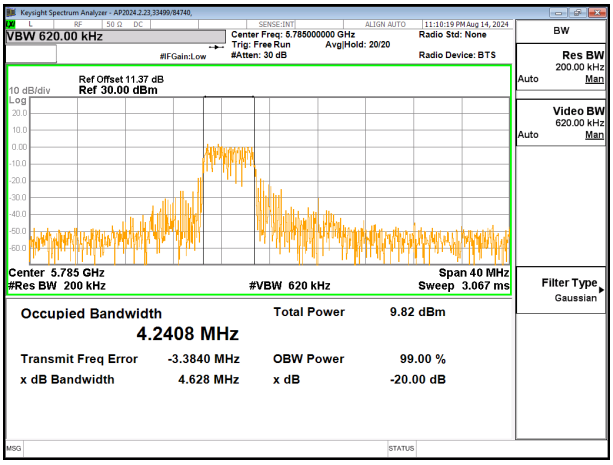
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 52T

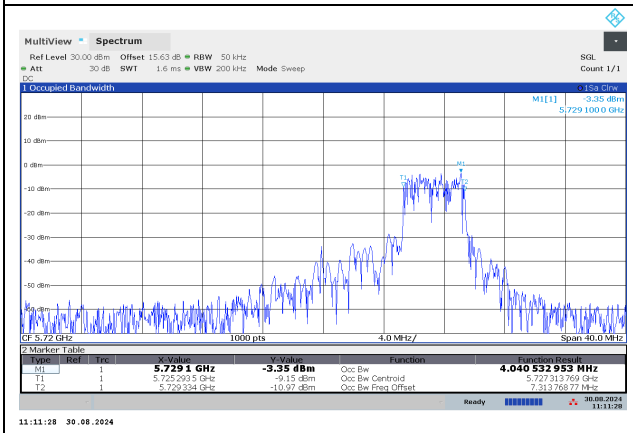
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	4.2286	4.1294
Mid	5785	4.1131	4.2408
High	5825	4.1825	4.0623
144	5720	4.0405	4.1581



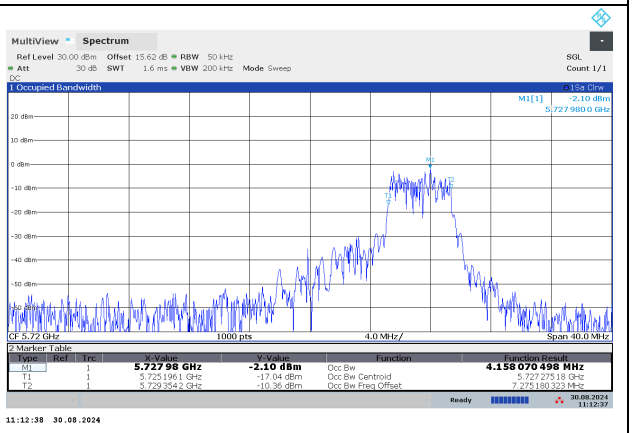
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 144

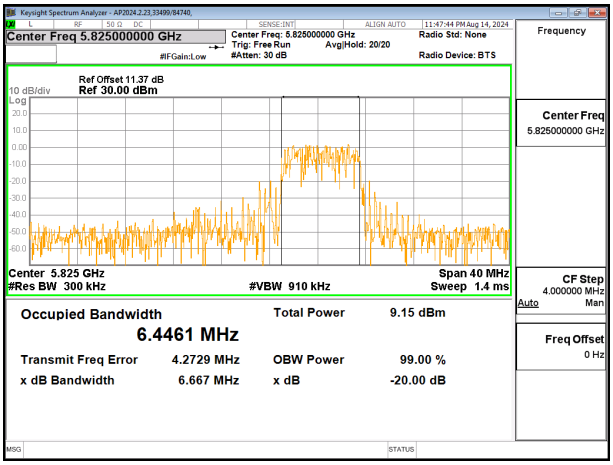


STRADDLE CHANNEL 144

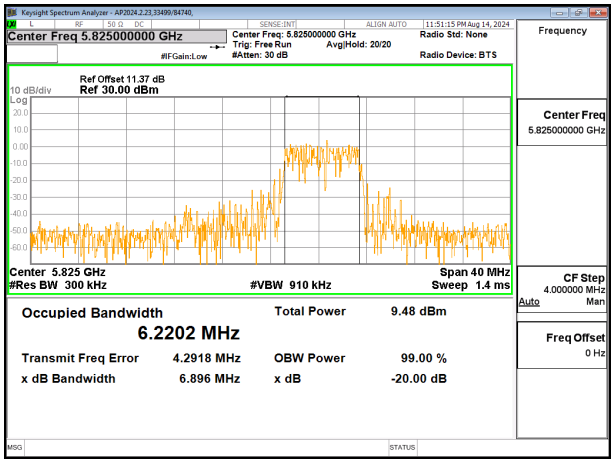
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

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

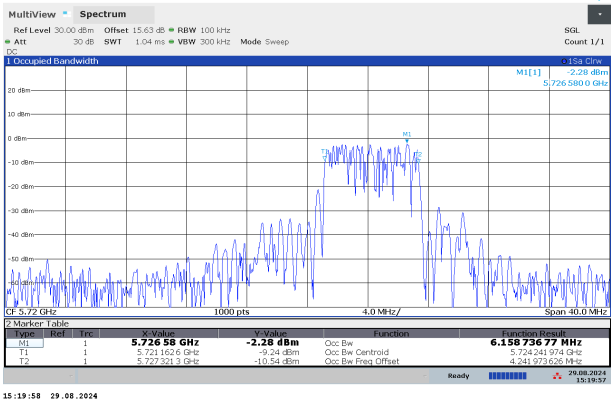
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	6.3787	6.2029
Mid	5785	6.3035	6.3621
High	5825	6.4461	6.2202
144	5720	6.1587	6.1454



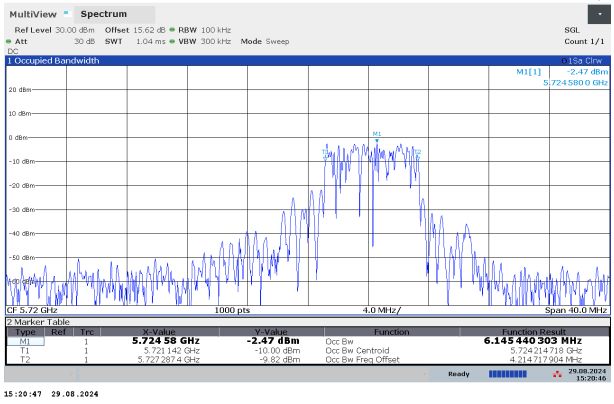
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 144

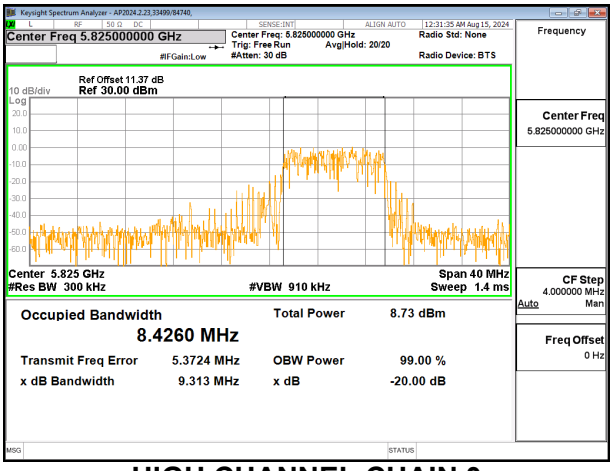


STRADDLE CHANNEL 144

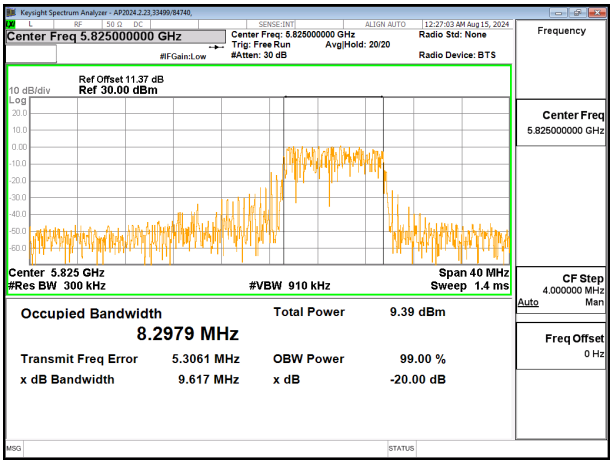
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 106T

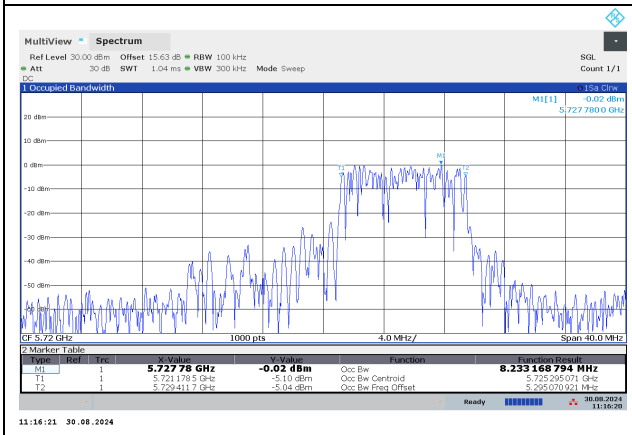
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	8.2793	8.3625
Mid	5785	8.3433	8.2386
High	5825	8.4260	8.2979
144	5720	8.2332	8.1560



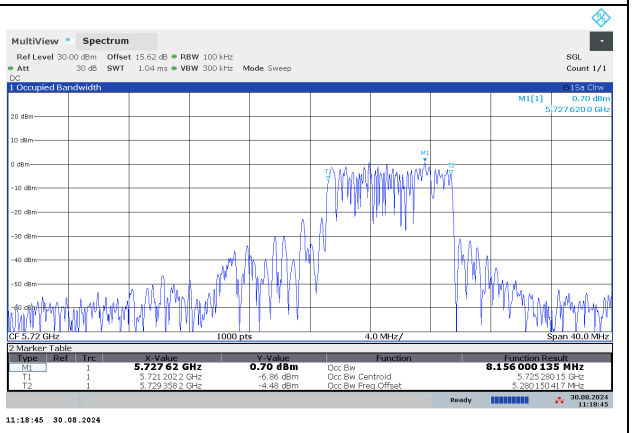
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 144

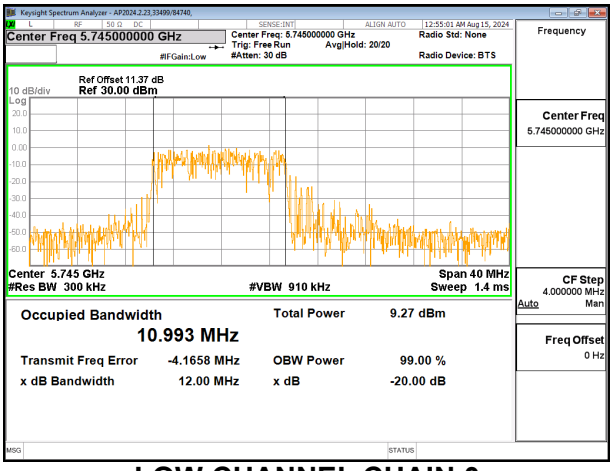


STRADDLE CHANNEL 144

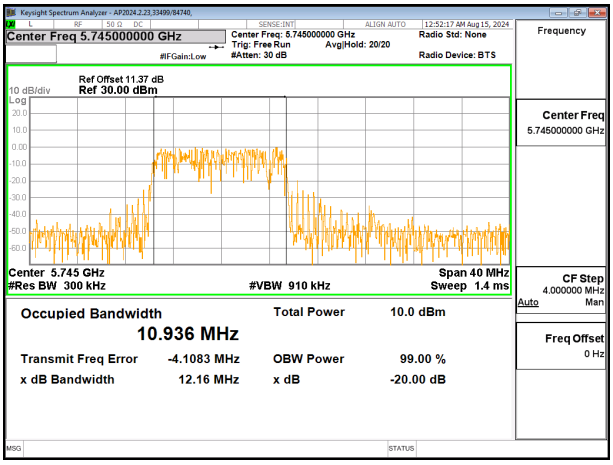
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

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

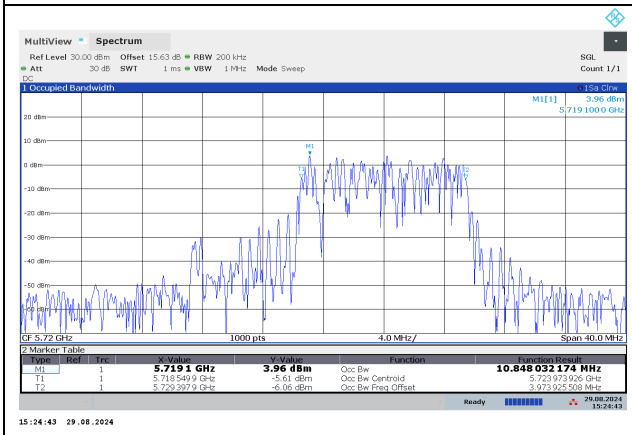
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	10.993	10.936
Mid	5785	9.938	10.807
High	5825	10.786	10.914
144	5720	10.848	10.786



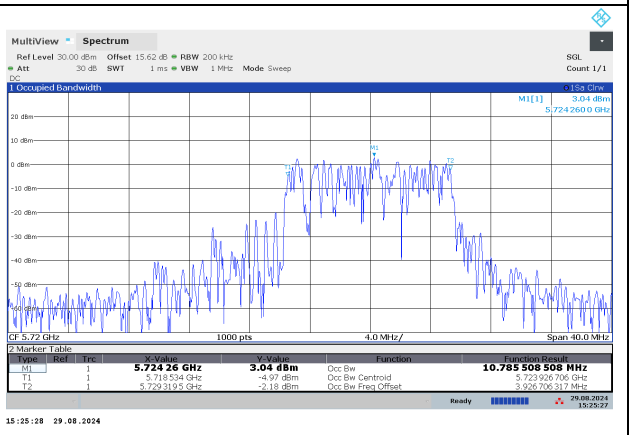
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



STRADDLE CHANNEL 144

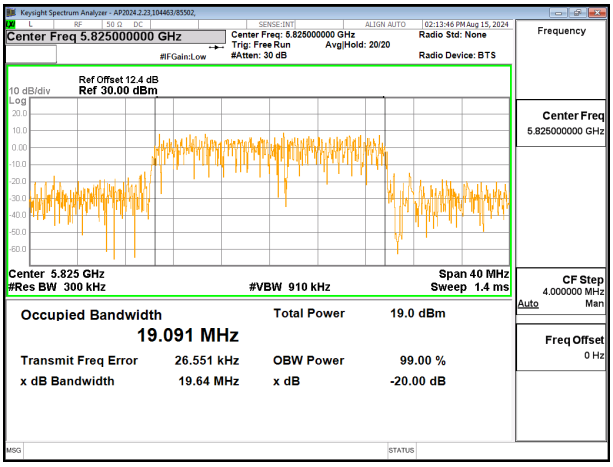


STRADDLE CHANNEL 144

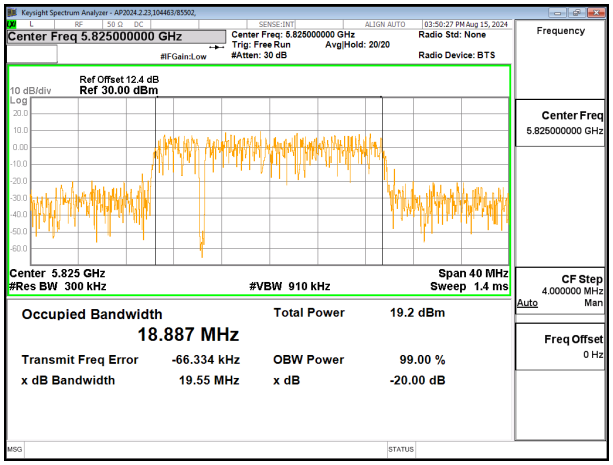
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T

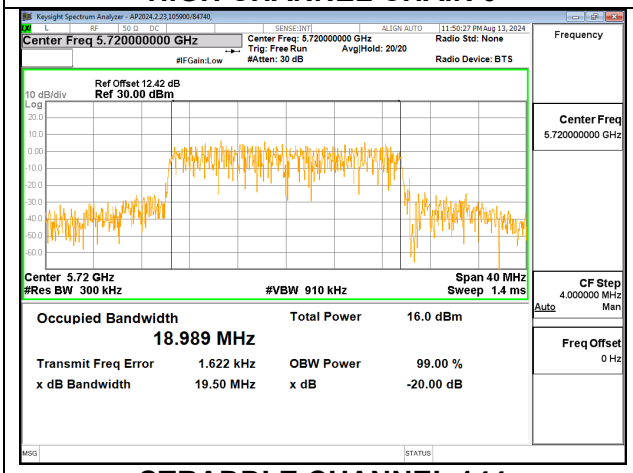
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5745	18.984	18.975
Mid	5785	18.909	18.662
High	5825	19.091	18.887
144	5720	18.989	18.804



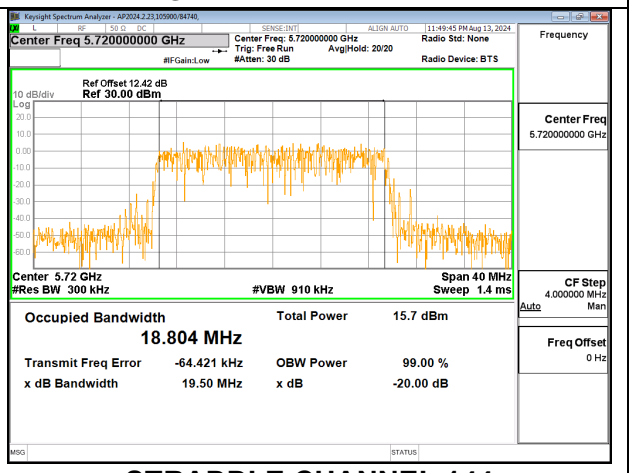
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 144



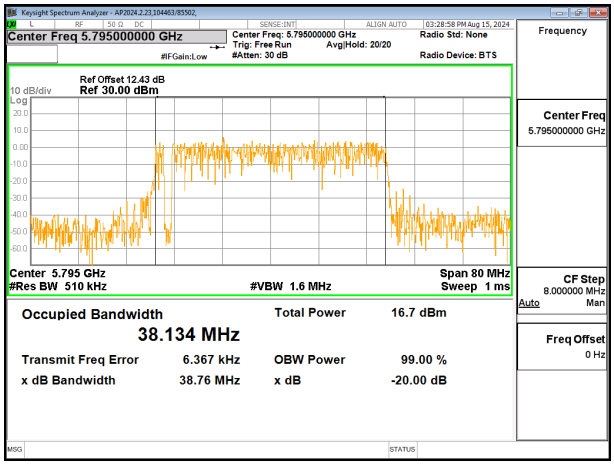
STRADDLE CHANNEL 144

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

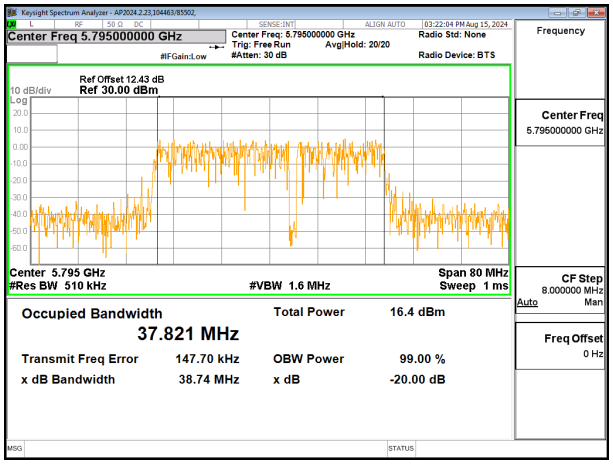
9.4.32. 802.11be EHT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T

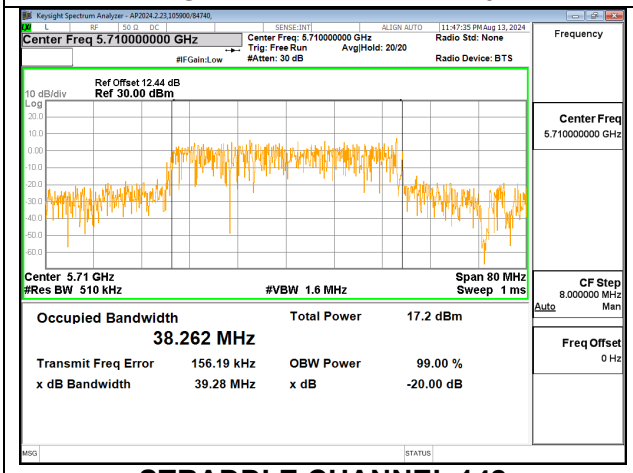
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5755	37.898	37.911
High	5795	38.134	37.821
142	5710	38.262	37.646



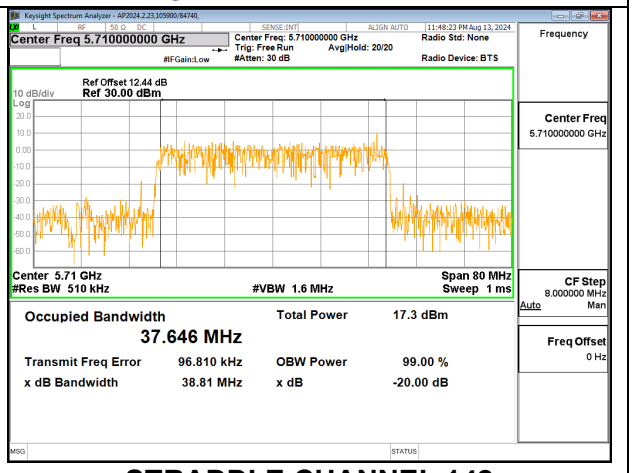
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 142



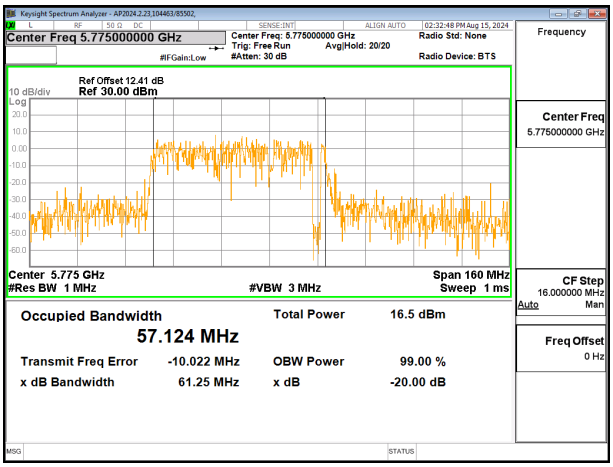
STRADDLE CHANNEL 142

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

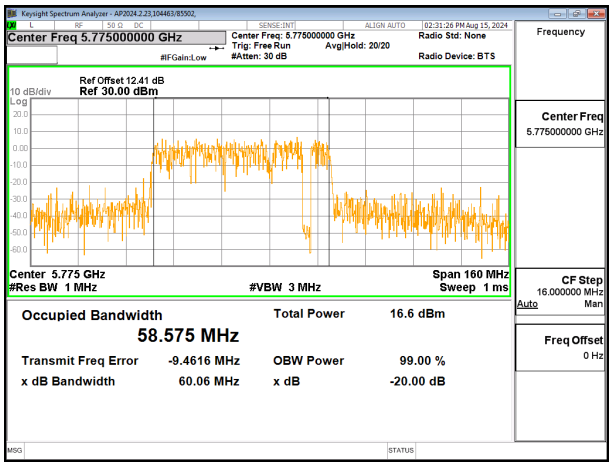
9.4.33. 802.11be EHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (C)

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5775	57.124	58.575
138	5690	59.459	58.624

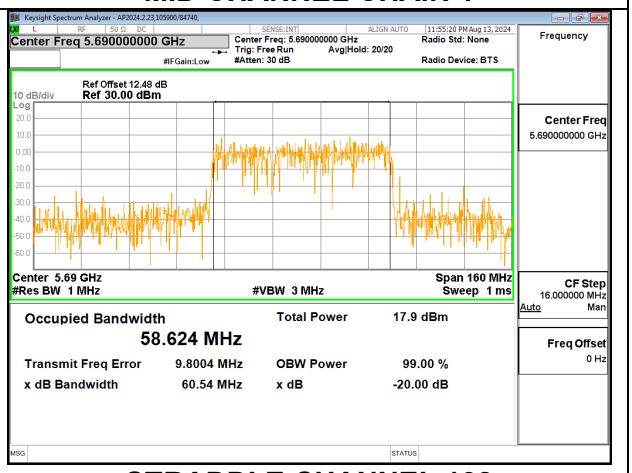


MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

STRADDLE CHANNEL 138

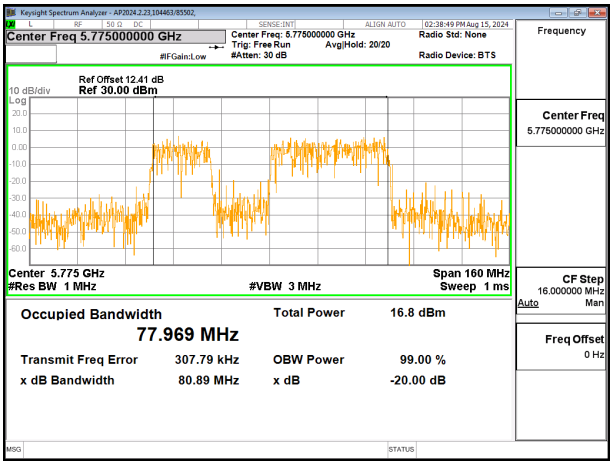


STRADDLE CHANNEL 138

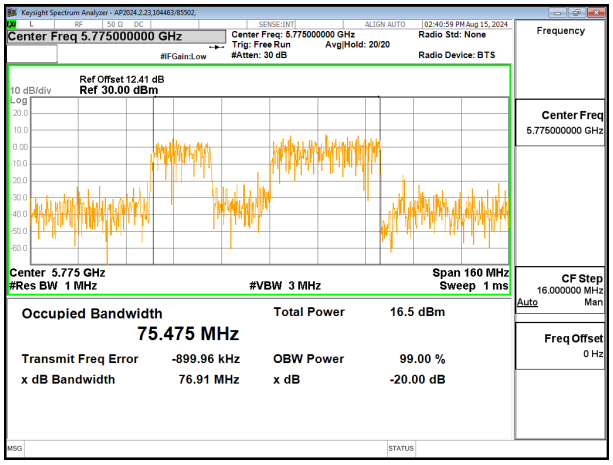
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N)

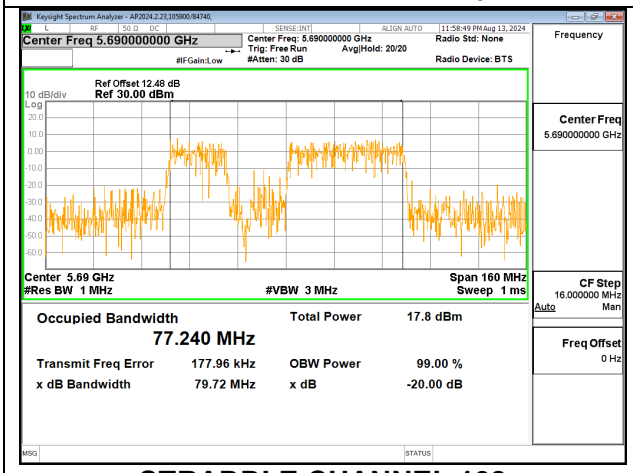
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5775	77.969	75.475
138	5690	77.240	78.180



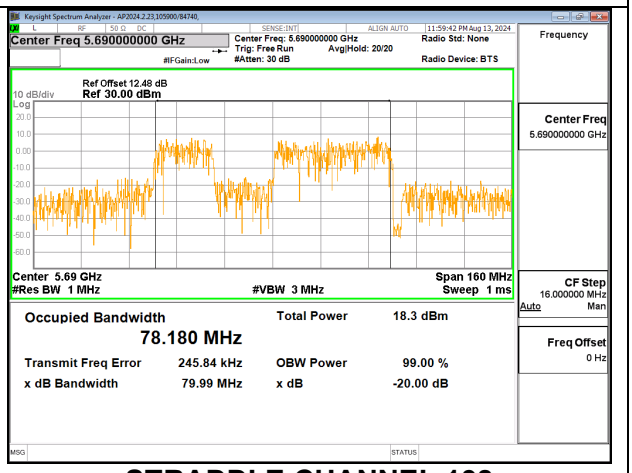
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 138

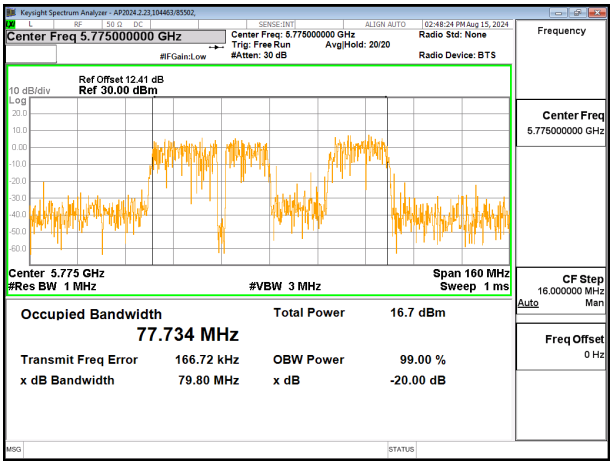


STRADDLE CHANNEL 138

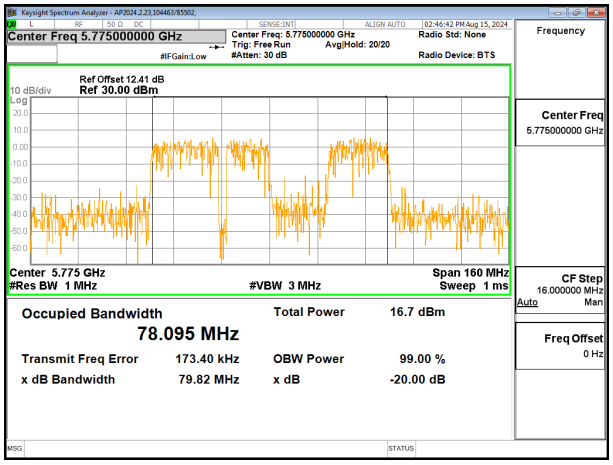
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N)

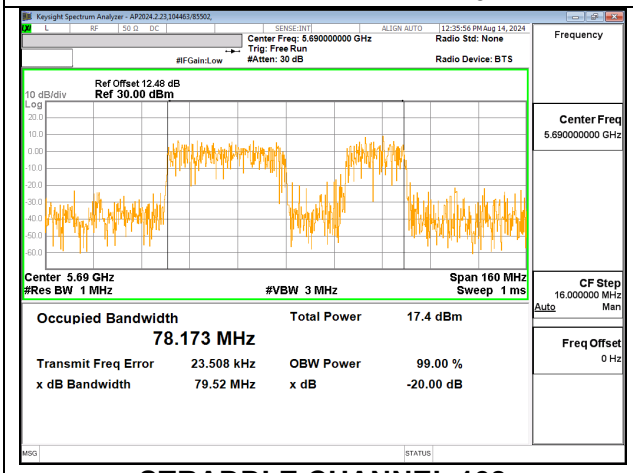
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5775	77.734	78.095
138	5690	78.173	78.230



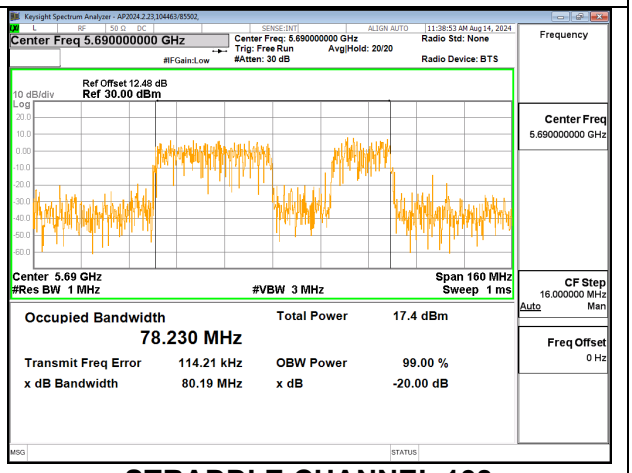
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 138

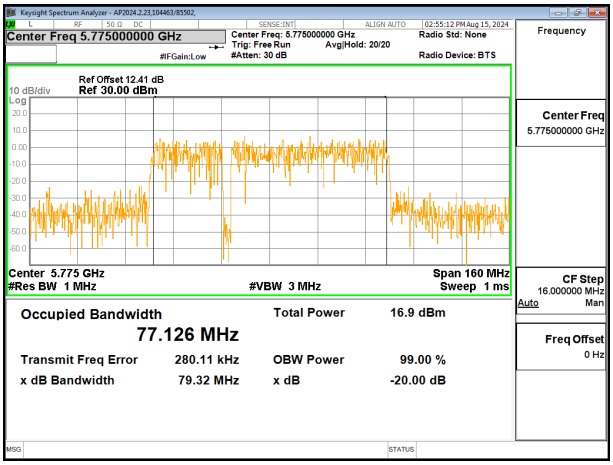


STRADDLE CHANNEL 138

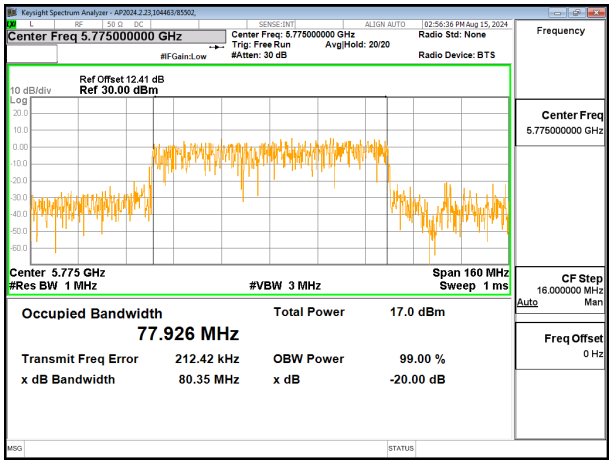
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T

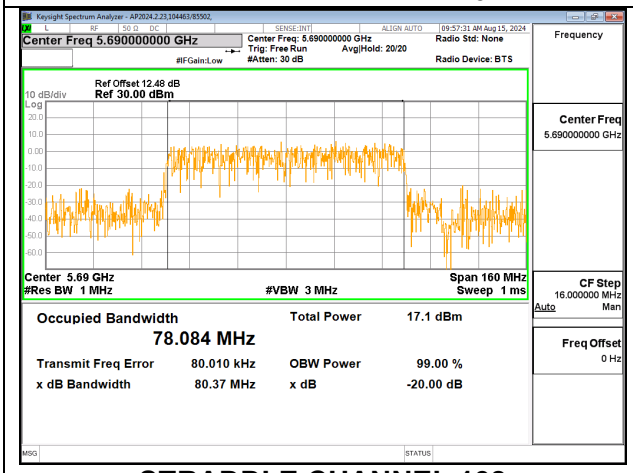
Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5775	77.126	77.926
138	5690	78.084	77.961



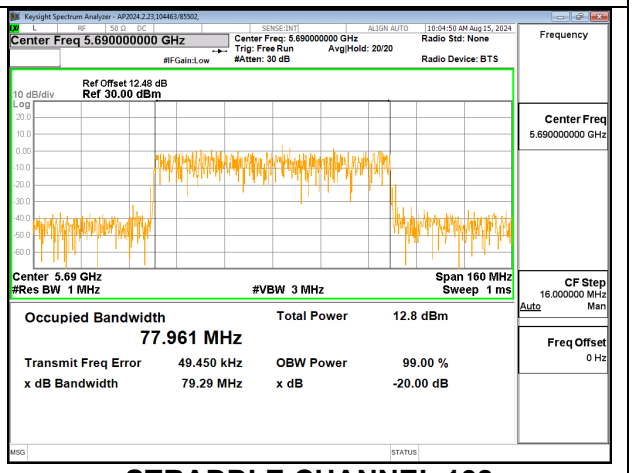
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 138



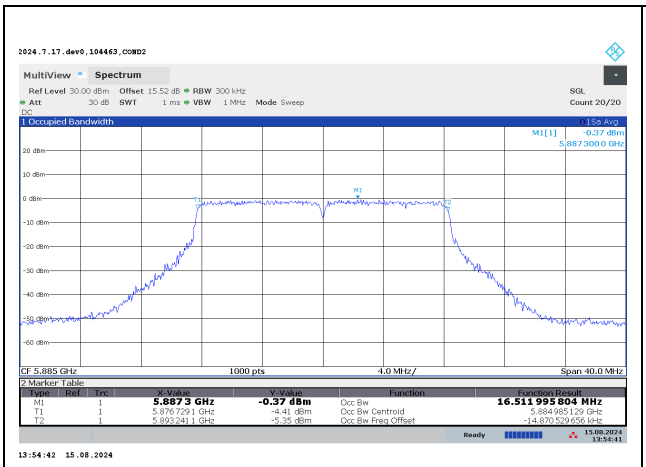
STRADDLE CHANNEL 138

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

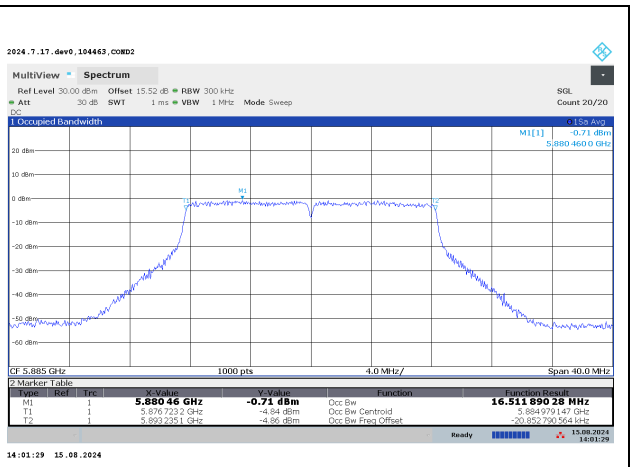
9.4.34. 802.11a MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	16.4969	16.4960
Mid	5865	16.5034	16.5051
High	5885	16.5120	16.5119



HIGH CHANNEL CHAIN 0



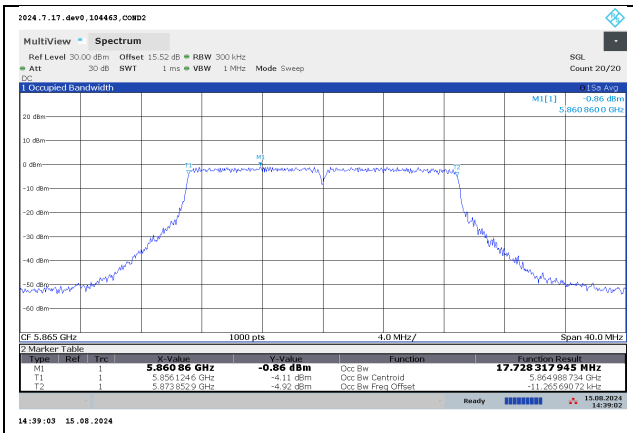
HIGH CHANNEL CHAIN 1

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

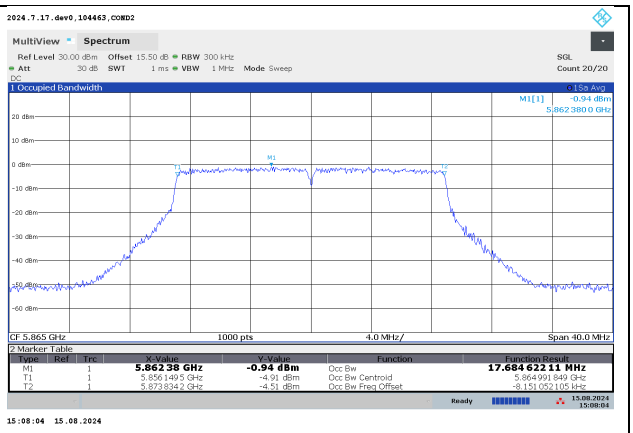
9.4.35. 802.11n HT20 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	17.7071	17.7012
Mid	5865	17.7283	17.6846
High	5885	17.7127	17.6792



MID CHANNEL CHAIN 0



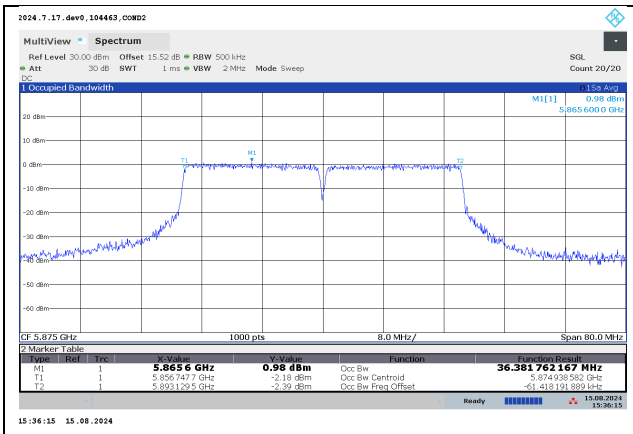
MID CHANNEL CHAIN 1

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

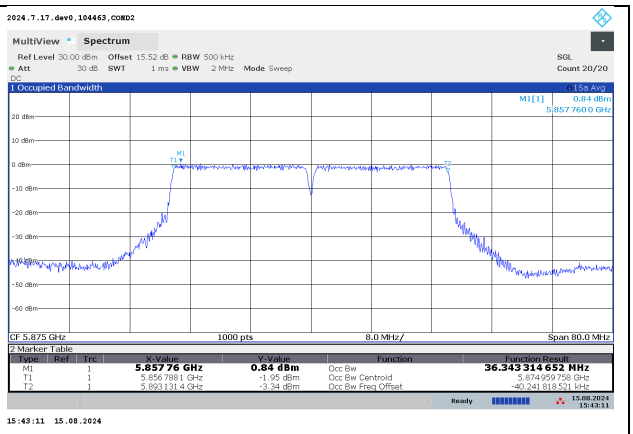
9.4.36. 802.11n HT40 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5835	36.2955	36.3580
High	5875	36.3818	36.3433



HIGH CHANNEL CHAIN 0



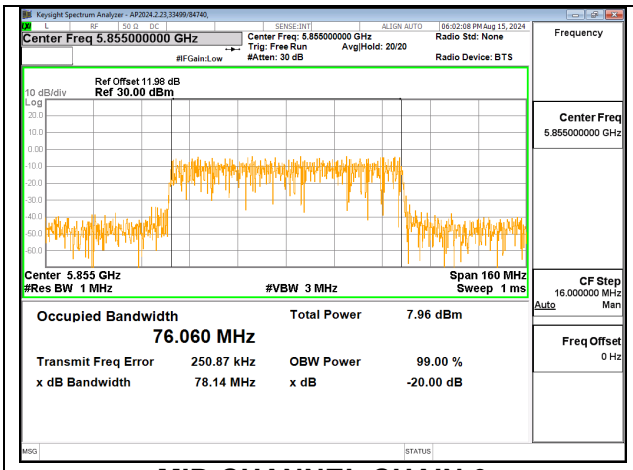
HIGH CHANNEL CHAIN 1

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

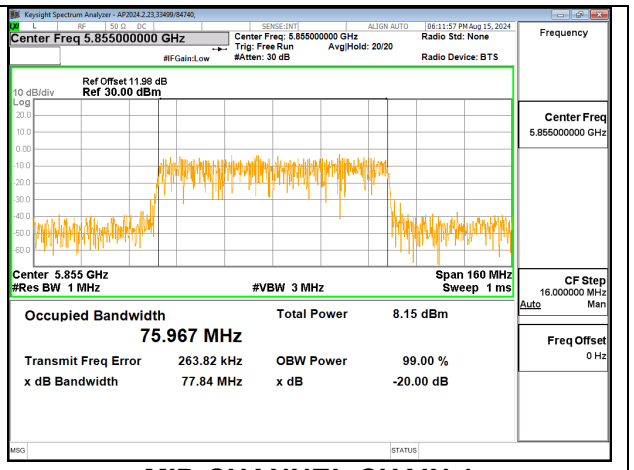
9.4.37. 802.11ac VHT80 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5855	76.0600	75.9670



MID CHANNEL CHAIN 0

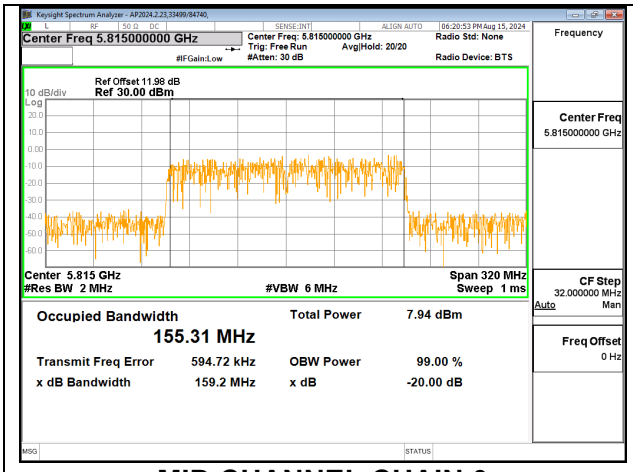


MID CHANNEL CHAIN 1

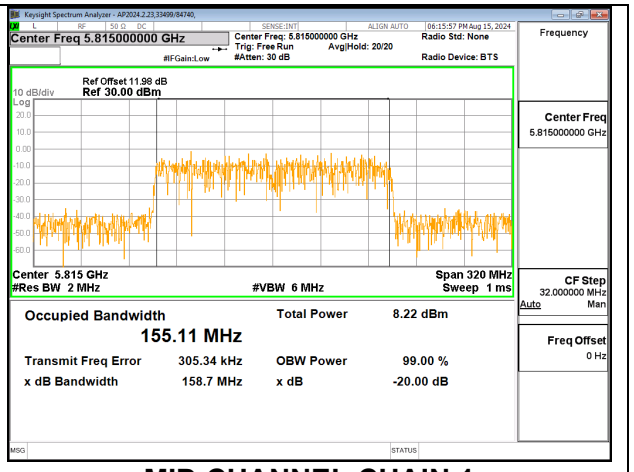
9.4.38. 802.11ac VHT160 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Mid	5815	155.3100	155.1100



MID CHANNEL CHAIN 0



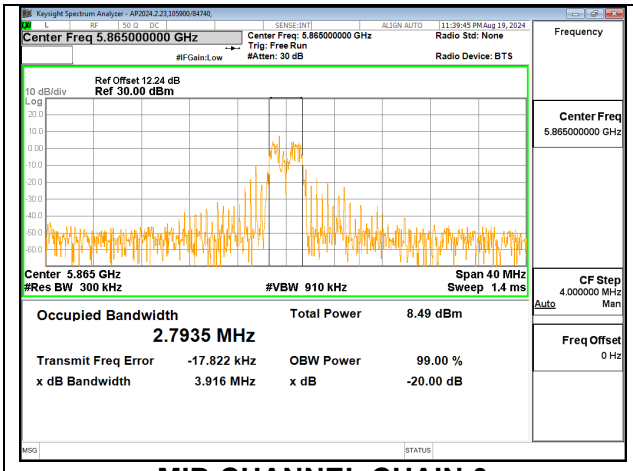
MID CHANNEL CHAIN 1

This report shall not be reproduced except in full, without the written approval of UL LLC

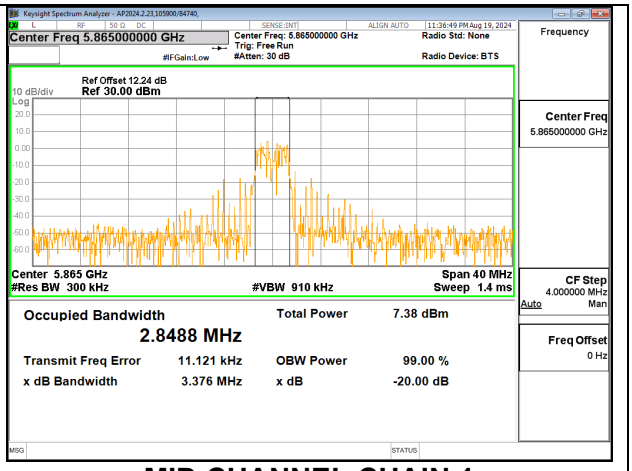
9.4.39. 802.11be EHT20 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 26T

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	2.0347	2.3200
Mid	5865	2.7935	2.8488
High	5885	2.3208	2.2931



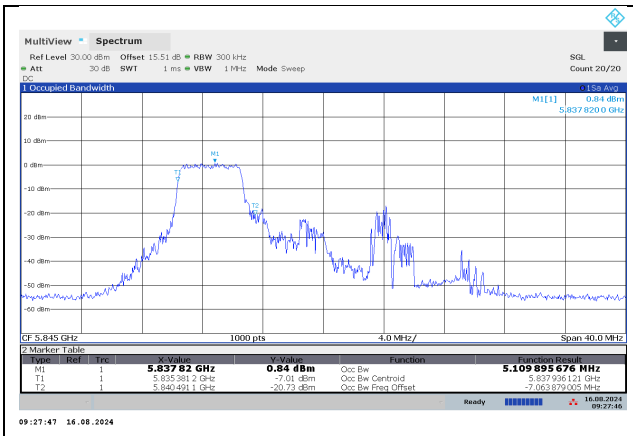
MID CHANNEL CHAIN 0



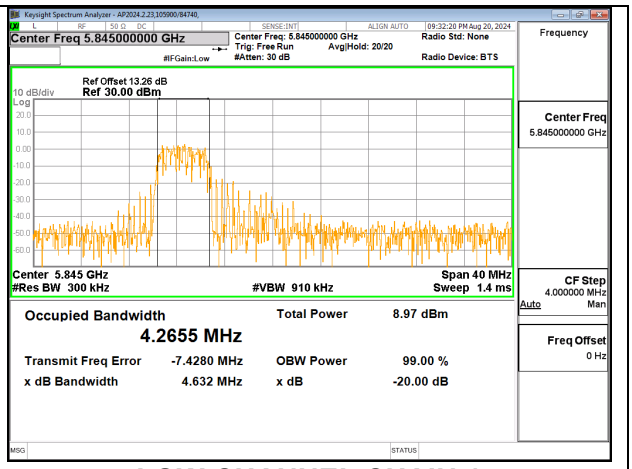
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 52T

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	5.1099	4.2655
Mid	5865	4.2042	4.1919
High	5885	4.2747	4.2947



LOW CHANNEL CHAIN 0

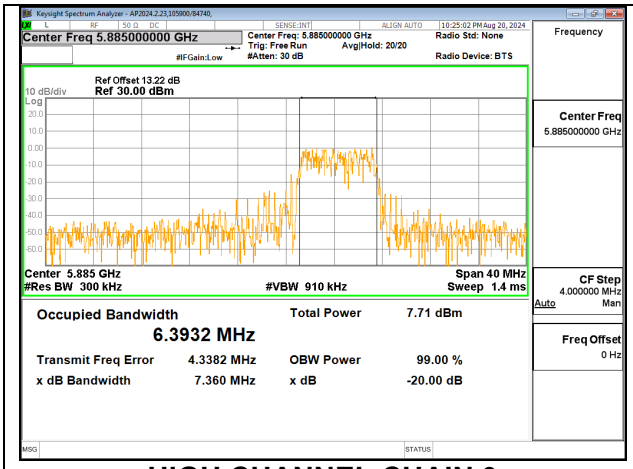


LOW CHANNEL CHAIN 1

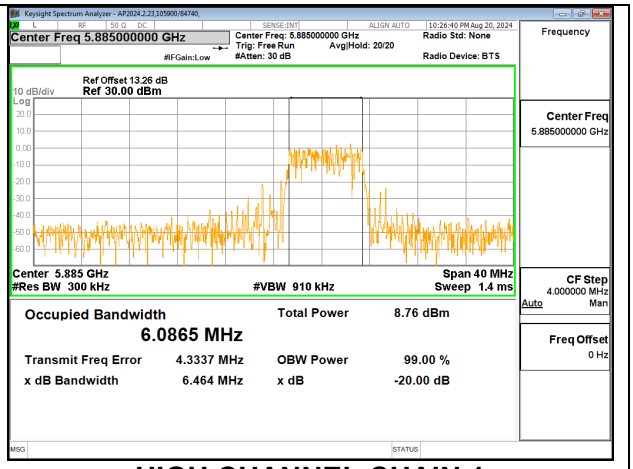
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

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

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	6.3189	6.2090
Mid	5865	6.2964	6.2693
High	5885	6.3932	6.0865



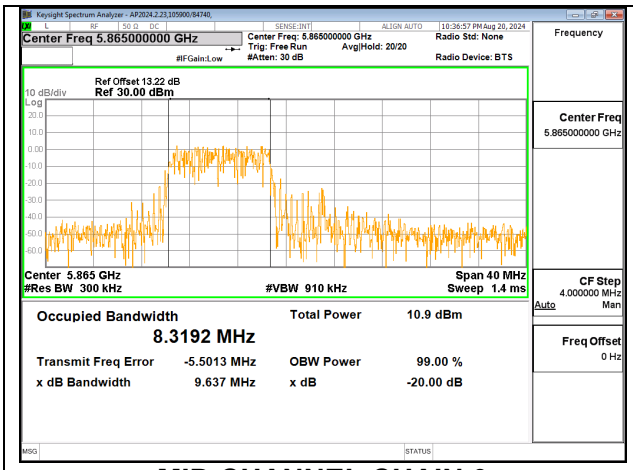
HIGH CHANNEL CHAIN 0



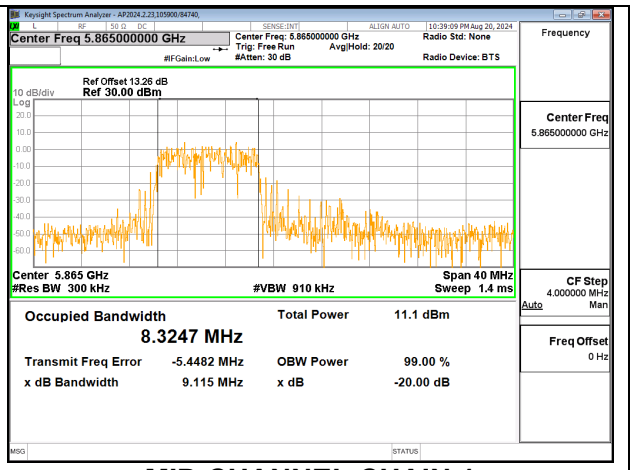
HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 106T

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	8.2445	8.2865
Mid	5865	8.3192	8.3247
High	5885	8.3161	8.3060



MID CHANNEL CHAIN 0

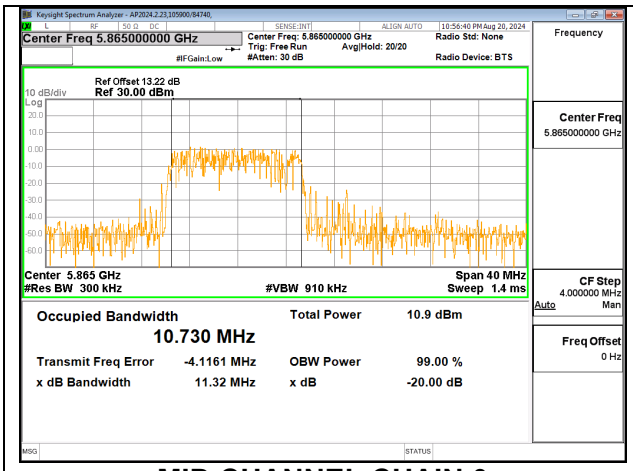


MID CHANNEL CHAIN 1

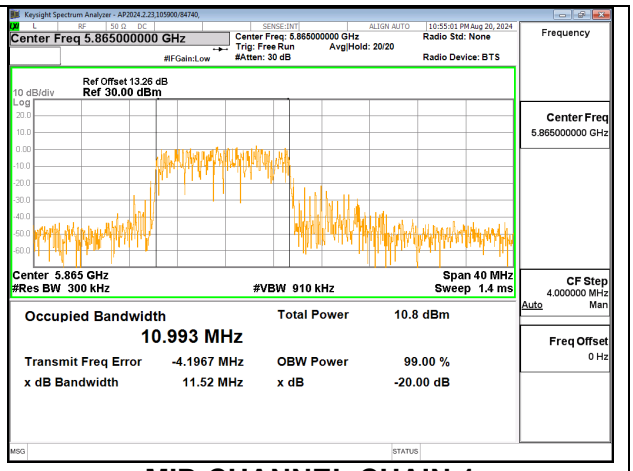
UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC

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

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	10.9460	10.8540
Mid	5865	10.7300	10.9930
High	5885	10.7450	10.9170



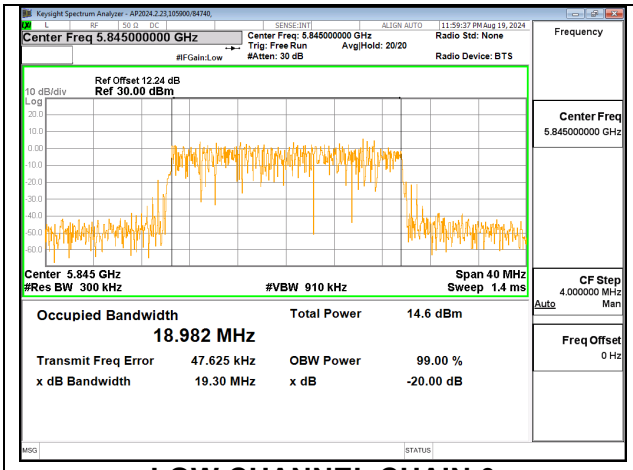
MID CHANNEL CHAIN 0



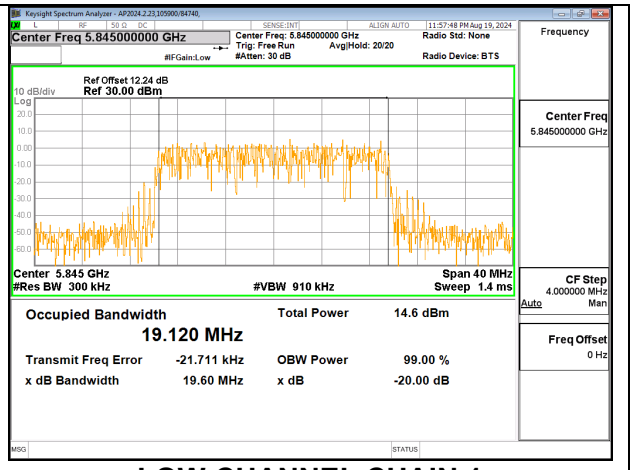
MID CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T

Channel	Frequency (MHz)	99% Bandwidth CHAIN 0 (MHz)	99% Bandwidth CHAIN 1 (MHz)
Low	5845	18.9820	19.1200
Mid	5865	19.0360	18.8400
High	5885	18.6610	18.8320



LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

UL LLC
12 Laboratory Drive, Research Triangle Park, NC 27709; USA TEL:(919)549-1400
This report shall not be reproduced except in full, without the written approval of UL LLC