

# Appendix B- 6EWi-Fi(U-NII-7&U-NII-8)

6535 ~ 6875MHz

Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant1	6535	19.000	6525.480	6544.480	---	---
11a-CDD	Ant2	6535	19.880	6524.920	6544.800	---	---
11a-CDD	Ant1	6695	19.600	6684.960	6704.560	---	---
11a-CDD	Ant2	6695	19.480	6685.280	6704.760	---	---
11a-CDD	Ant1	6855	19.680	6845.200	6864.880	---	---
11a-CDD	Ant2	6855	19.920	6844.960	6864.880	---	---
11a-CDD	Ant1	6875	20.240	6865.080	6885.320	---	---
11a-CDD	Ant2	6875	20.280	6865.160	6885.440	---	---
11ax20MIMO	Ant1	6535	22.160	6523.880	6546.040	---	---
11ax20MIMO	Ant2	6535	21.200	6524.280	6545.480	---	---
11ax20MIMO	Ant1	6695	21.840	6684.240	6706.080	---	---
11ax20MIMO	Ant2	6695	21.640	6684.320	6705.960	---	---
11ax20MIMO	Ant1	6855	21.520	6844.280	6865.800	---	---
11ax20MIMO	Ant2	6855	21.160	6844.320	6865.480	---	---
11ax20MIMO	Ant1	6875	21.720	6863.880	6885.600	---	---
11ax20MIMO	Ant2	6875	21.440	6864.480	6885.920	---	---
11ax40MIMO	Ant1	6525	41.680	6504.280	6545.960	---	---
11ax40MIMO	Ant2	6525	43.360	6503.400	6546.760	---	---
11ax40MIMO	Ant1	6565	42.480	6543.720	6586.200	---	---
11ax40MIMO	Ant2	6565	43.120	6543.480	6586.600	---	---
11ax40MIMO	Ant1	6685	41.200	6664.520	6705.720	---	---
11ax40MIMO	Ant2	6685	43.840	6662.760	6706.600	---	---
11ax40MIMO	Ant1	6845	41.520	6823.880	6865.400	---	---
11ax40MIMO	Ant2	6845	42.160	6823.960	6866.120	---	---
11ax80MIMO	Ant1	6545	80.000	6504.840	6584.840	---	---
11ax80MIMO	Ant2	6545	81.600	6504.520	6586.120	---	---
11ax80MIMO	Ant1	6625	81.280	6584.200	6665.480	---	---
11ax80MIMO	Ant2	6625	82.240	6583.400	6665.640	---	---
11ax80MIMO	Ant1	6705	81.280	6664.840	6746.120	---	---
11ax80MIMO	Ant2	6705	84.160	6663.080	6747.240	---	---
11ax80MIMO	Ant1	6785	81.120	6743.880	6825.000	---	---
11ax80MIMO	Ant2	6785	81.280	6744.840	6826.120	---	---
11ax80MIMO	Ant1	6865	84.000	6823.560	6907.560	---	---
11ax80MIMO	Ant2	6865	81.760	6824.360	6906.120	---	---
11ax160MIMO	Ant1	6665	169.920	6579.880	6749.800	---	---
11ax160MIMO	Ant2	6665	168.000	6580.520	6748.520	---	---
11ax160MIMO	Ant1	6825	167.040	6742.760	6909.800	---	---

11ax160MIMO	Ant2	6825	168.000	6740.840	6908.840	---	---
11be20MIMO	Ant1	6535	22.320	6524.040	6546.360	---	---
11be20MIMO	Ant2	6535	22.520	6523.360	6545.880	---	---
11be20MIMO	Ant1	6695	21.600	6684.240	6705.840	---	---
11be20MIMO	Ant2	6695	21.640	6683.920	6705.560	---	---
11be20MIMO	Ant1	6855	21.400	6844.320	6865.720	---	---
11be20MIMO	Ant2	6855	21.680	6843.920	6865.600	---	---
11be20MIMO	Ant1	6875	21.680	6863.760	6885.440	---	---
11be20MIMO	Ant2	6875	22.000	6864.080	6886.080	---	---
11be40MIMO	Ant1	6525	43.680	6503.240	6546.920	---	---
11be40MIMO	Ant2	6525	42.160	6504.120	6546.280	---	---
11be40MIMO	Ant1	6565	40.640	6544.920	6585.560	---	---
11be40MIMO	Ant2	6565	42.400	6543.720	6586.120	---	---
11be40MIMO	Ant1	6685	42.080	6663.480	6705.560	---	---
11be40MIMO	Ant2	6685	41.760	6664.280	6706.040	---	---
11be40MIMO	Ant1	6845	42.000	6823.880	6865.880	---	---
11be40MIMO	Ant2	6845	41.520	6824.200	6865.720	---	---
11be80MIMO	Ant1	6545	81.920	6503.720	6585.640	---	---
11be80MIMO	Ant2	6545	82.880	6503.080	6585.960	---	---
11be80MIMO	Ant1	6625	82.880	6583.400	6666.280	---	---
11be80MIMO	Ant2	6625	81.440	6584.040	6665.480	---	---
11be80MIMO	Ant1	6705	84.960	6661.800	6746.760	---	---
11be80MIMO	Ant2	6705	80.160	6664.680	6744.840	---	---
11be80MIMO	Ant1	6785	82.560	6743.720	6826.280	---	---
11be80MIMO	Ant2	6785	81.280	6743.880	6825.160	---	---
11be80MIMO	Ant1	6865	83.200	6822.920	6906.120	---	---
11be80MIMO	Ant2	6865	83.360	6823.560	6906.920	---	---
11be160MIMO	Ant1	6665	167.040	6582.440	6749.480	---	---
11be160MIMO	Ant2	6665	164.800	6582.760	6747.560	---	---
11be160MIMO	Ant1	6825	169.280	6740.520	6909.800	---	---
11be160MIMO	Ant2	6825	167.360	6741.480	6908.840	---	---

## Test Graphs



11a-CDD-Ant1-6535



11a-CDD-Ant2-6535



11a-CDD-Ant1-6695



11a-CDD-Ant2-6695



11a-CDD-Ant1-6855



11a-CDD-Ant2-6855



11a-CDD-Ant1-6875



11a-CDD-Ant2-6875





11ax20MIMO-Ant1-6855



11ax20MIMO-Ant2-6855



11ax20MIMO-Ant1-6875



11ax20MIMO-Ant2-6875





11ax40MIMO-Ant1-6525



11ax40MIMO-Ant2-6525



11ax40MIMO-Ant1-6565



11ax40MIMO-Ant2-6565



11ax40MIMO-Ant1-6685



11ax40MIMO-Ant2-6685



11ax40MIMO-Ant1-6845



11ax40MIMO-Ant2-6845





11ax80MIMO-Ant1-6545



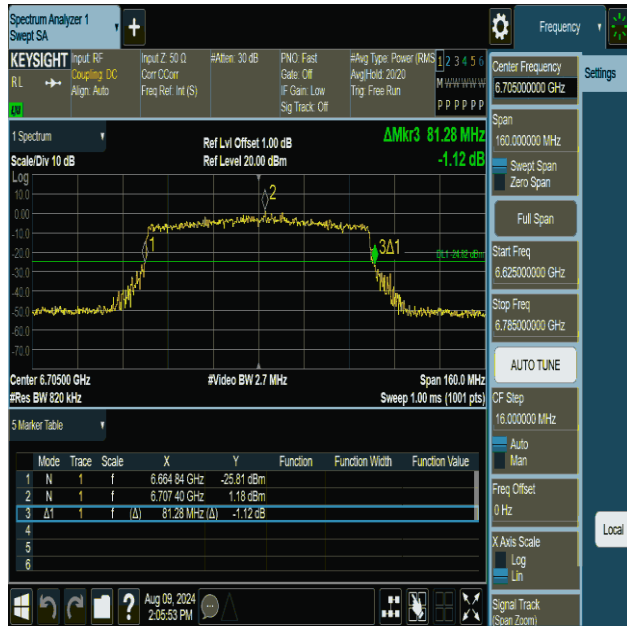
11ax80MIMO-Ant2-6545



11ax80MIMO-Ant1-6625



11ax80MIMO-Ant2-6625



11ax80MIMO-Ant1-6705



11ax80MIMO-Ant2-6705



11ax80MIMO-Ant1-6785



11ax80MIMO-Ant2-6785



11ax80MIMO-Ant1-6865



11ax80MIMO-Ant2-6865



11ax160MIMO-Ant1-6665



11ax160MIMO-Ant2-6665



11ax160MIMO-Ant1-6825



11ax160MIMO-Ant2-6825



11be20MIMO-Ant1-6535



11be20MIMO-Ant2-6535



11be20MIMO-Ant1-6695



11be20MIMO-Ant2-6695



11be20MIMO-Ant1-6855



11be20MIMO-Ant2-6855



11be20MIMO-Ant1-6875



11be20MIMO-Ant2-6875



11be40MIMO-Ant1-6525



11be40MIMO-Ant2-6525





11be40MIMO-Ant1-6565



11be40MIMO-Ant2-6565



11be40MIMO-Ant1-6685



11be40MIMO-Ant2-6685



11be40MIMO-Ant1-6845



11be40MIMO-Ant2-6845



11be80MIMO-Ant1-6545



11be80MIMO-Ant2-6545



11be80MIMO-Ant1-6625



11be80MIMO-Ant2-6625



11be80MIMO-Ant1-6705



11be80MIMO-Ant2-6705



11be80MIMO-Ant1-6785



11be80MIMO-Ant2-6785



11be80MIMO-Ant1-6865



11be80MIMO-Ant2-6865



11be160MIMO-Ant1-6665



11be160MIMO-Ant2-6665



11be160MIMO-Ant1-6825



11be160MIMO-Ant2-6825

## Occupied channel bandwidth

## Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant1	6535	16.626	6526.7232	6543.3492	≤320	PASS
11a-CDD	Ant2	6535	16.716	6526.6371	6543.3531	≤320	PASS
11a-CDD	Ant1	6695	16.663	6686.6713	6703.3343	≤320	PASS
11a-CDD	Ant2	6695	16.699	6686.6092	6703.3082	≤320	PASS
11a-CDD	Ant1	6855	16.640	6846.6657	6863.3057	≤320	PASS
11a-CDD	Ant2	6855	16.685	6846.6487	6863.3337	≤320	PASS
11a-CDD	Ant1	6875	16.613	6866.6840	6883.2970	≤320	PASS
11a-CDD	Ant2	6875	16.710	6866.6654	6883.3754	≤320	PASS
11ax20MIMO	Ant1	6535	18.995	6525.4848	6544.4798	≤320	PASS
11ax20MIMO	Ant2	6535	19.032	6525.4547	6544.4867	≤320	PASS
11ax20MIMO	Ant1	6695	18.976	6685.5014	6704.4774	≤320	PASS
11ax20MIMO	Ant2	6695	18.955	6685.4708	6704.4258	≤320	PASS
11ax20MIMO	Ant1	6855	19.006	6845.4937	6864.4997	≤320	PASS
11ax20MIMO	Ant2	6855	18.996	6845.5013	6864.4973	≤320	PASS
11ax20MIMO	Ant1	6875	18.973	6865.4586	6884.4316	≤320	PASS
11ax20MIMO	Ant2	6875	18.956	6865.4971	6884.4531	≤320	PASS
11ax40MIMO	Ant1	6525	37.642	6506.1124	6543.7544	≤320	PASS
11ax40MIMO	Ant2	6525	37.497	6506.1744	6543.6714	≤320	PASS
11ax40MIMO	Ant1	6565	37.683	6546.1111	6583.7941	≤320	PASS
11ax40MIMO	Ant2	6565	37.753	6546.1050	6583.8580	≤320	PASS
11ax40MIMO	Ant1	6685	37.680	6666.0758	6703.7558	≤320	PASS
11ax40MIMO	Ant2	6685	38.035	6665.9404	6703.9754	≤320	PASS
11ax40MIMO	Ant1	6845	37.715	6825.9959	6863.7109	≤320	PASS
11ax40MIMO	Ant2	6845	37.862	6826.0125	6863.8745	≤320	PASS
11ax80MIMO	Ant1	6545	76.869	6506.5290	6583.3980	≤320	PASS
11ax80MIMO	Ant2	6545	76.729	6506.5289	6583.2579	≤320	PASS
11ax80MIMO	Ant1	6625	76.811	6586.5001	6663.3111	≤320	PASS
11ax80MIMO	Ant2	6625	76.517	6586.8430	6663.3600	≤320	PASS
11ax80MIMO	Ant1	6705	76.847	6666.4946	6743.3416	≤320	PASS
11ax80MIMO	Ant2	6705	76.794	6666.4255	6743.2195	≤320	PASS
11ax80MIMO	Ant1	6785	77.051	6746.5920	6823.6430	≤320	PASS
11ax80MIMO	Ant2	6785	76.820	6746.5656	6823.3856	≤320	PASS
11ax80MIMO	Ant1	6865	76.652	6826.6821	6903.3341	≤320	PASS
11ax80MIMO	Ant2	6865	77.056	6826.4489	6903.5049	≤320	PASS
11ax160MIMO	Ant1	6665	157.03	6586.4948	6743.5248	≤320	PASS
11ax160MIMO	Ant2	6665	156.77	6586.6783	6743.4483	≤320	PASS
11ax160MIMO	Ant1	6825	157.06	6746.2026	6903.2626	≤320	PASS
11ax160MIMO	Ant2	6825	157.70	6746.1460	6903.8460	≤320	PASS
11be20MIMO	Ant1	6535	18.978	6525.4573	6544.4353	≤320	PASS



11be20MIMO	Ant2	6535	19.027	6525.4441	6544.4711	≤320	PASS
11be20MIMO	Ant1	6695	18.913	6685.5015	6704.4145	≤320	PASS
11be20MIMO	Ant2	6695	19.087	6685.4273	6704.5143	≤320	PASS
11be20MIMO	Ant1	6855	19.056	6845.4924	6864.5484	≤320	PASS
11be20MIMO	Ant2	6855	18.872	6845.5420	6864.4140	≤320	PASS
11be20MIMO	Ant1	6875	18.971	6865.4491	6884.4201	≤320	PASS
11be20MIMO	Ant2	6875	19.025	6865.4699	6884.4949	≤320	PASS
11be40MIMO	Ant1	6525	38.078	6505.8873	6543.9653	≤320	PASS
11be40MIMO	Ant2	6525	37.595	6506.0605	6543.6555	≤320	PASS
11be40MIMO	Ant1	6565	37.684	6546.1289	6583.8129	≤320	PASS
11be40MIMO	Ant2	6565	37.616	6546.1271	6583.7431	≤320	PASS
11be40MIMO	Ant1	6685	37.780	6666.0546	6703.8346	≤320	PASS
11be40MIMO	Ant2	6685	37.784	6666.0731	6703.8571	≤320	PASS
11be40MIMO	Ant1	6845	37.750	6826.0167	6863.7667	≤320	PASS
11be40MIMO	Ant2	6845	37.744	6826.0690	6863.8130	≤320	PASS
11be80MIMO	Ant1	6545	76.820	6506.5221	6583.3421	≤320	PASS
11be80MIMO	Ant2	6545	76.579	6506.6056	6583.1846	≤320	PASS
11be80MIMO	Ant1	6625	76.793	6586.6144	6663.4074	≤320	PASS
11be80MIMO	Ant2	6625	76.980	6586.4534	6663.4334	≤320	PASS
11be80MIMO	Ant1	6705	77.822	6666.0145	6743.8365	≤320	PASS
11be80MIMO	Ant2	6705	76.890	6666.5169	6743.4069	≤320	PASS
11be80MIMO	Ant1	6785	76.927	6746.5448	6823.4718	≤320	PASS
11be80MIMO	Ant2	6785	77.046	6746.5134	6823.5594	≤320	PASS
11be80MIMO	Ant1	6865	76.773	6826.7100	6903.4830	≤320	PASS
11be80MIMO	Ant2	6865	77.035	6826.7122	6903.7472	≤320	PASS
11be160MIMO	Ant1	6665	157.16	6586.1441	6743.3041	≤320	PASS
11be160MIMO	Ant2	6665	156.85	6586.5938	6743.4438	≤320	PASS
11be160MIMO	Ant1	6825	157.15	6746.2054	6903.3554	≤320	PASS
11be160MIMO	Ant2	6825	157.40	6746.3138	6903.7138	≤320	PASS

## Test Graphs



11a-CDD-Ant1-6535-PASS



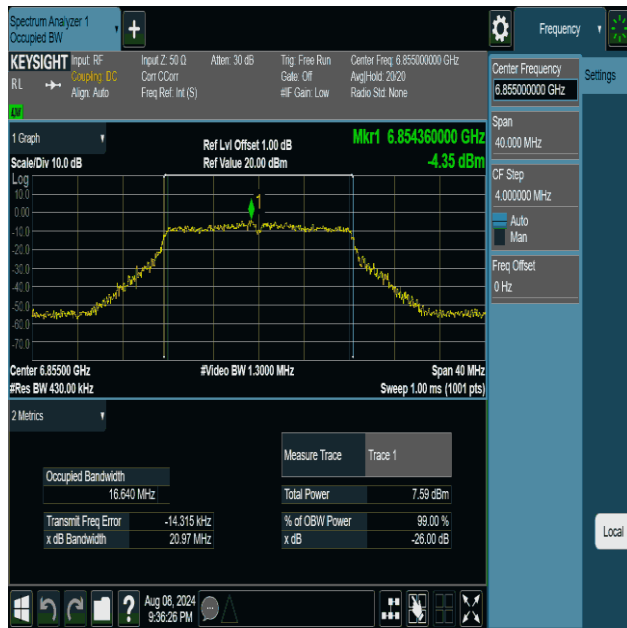
11a-CDD-Ant2-6535-PASS



11a-CDD-Ant1-6695-PASS



11a-CDD-Ant2-6695-PASS



11a-CDD-Ant1-6855-PASS



11a-CDD-Ant2-6855-PASS

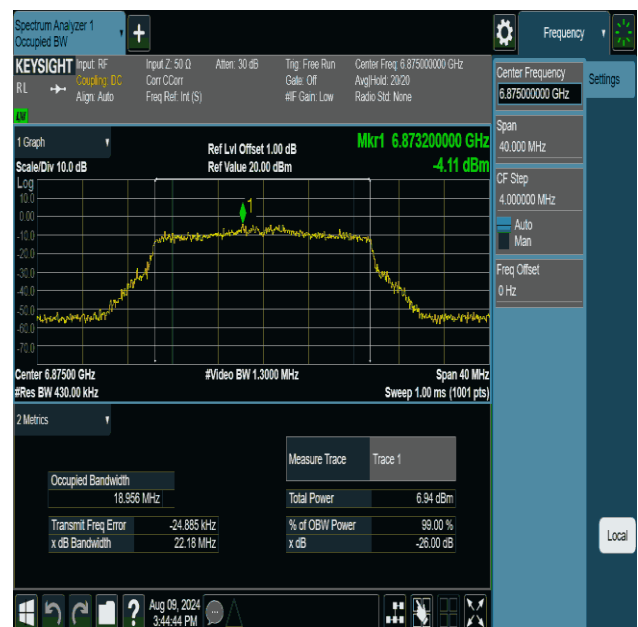
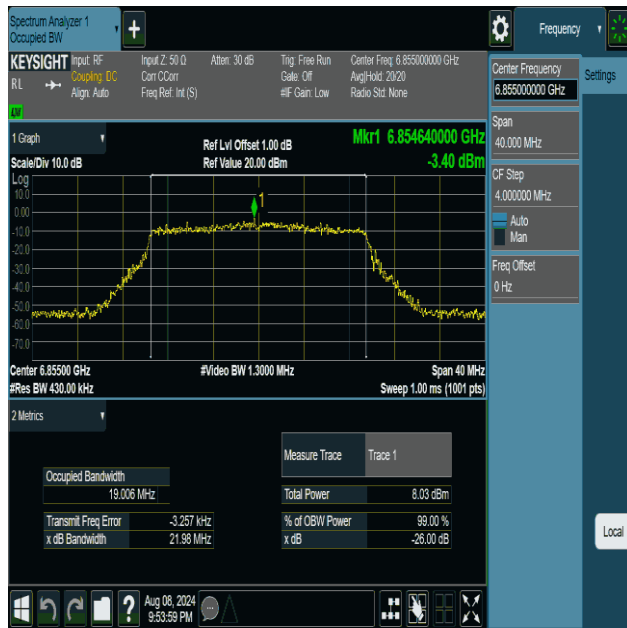


11a-CDD-Ant1-6875-PASS



11a-CDD-Ant2-6875-PASS







11ax40MIMO-Ant1-6525-PASS



11ax40MIMO-Ant2-6525-PASS



11ax40MIMO-Ant1-6565-PASS



11ax40MIMO-Ant2-6565-PASS





11ax40MIMO-Ant1-6685-PASS



11ax40MIMO-Ant2-6685-PASS

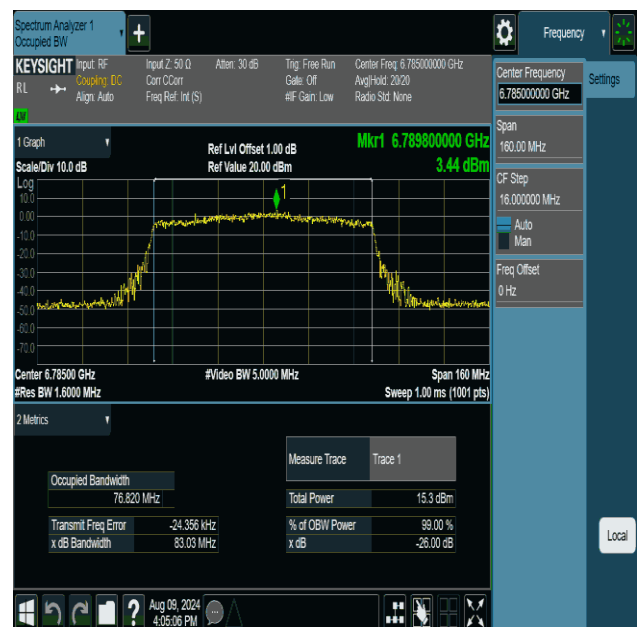
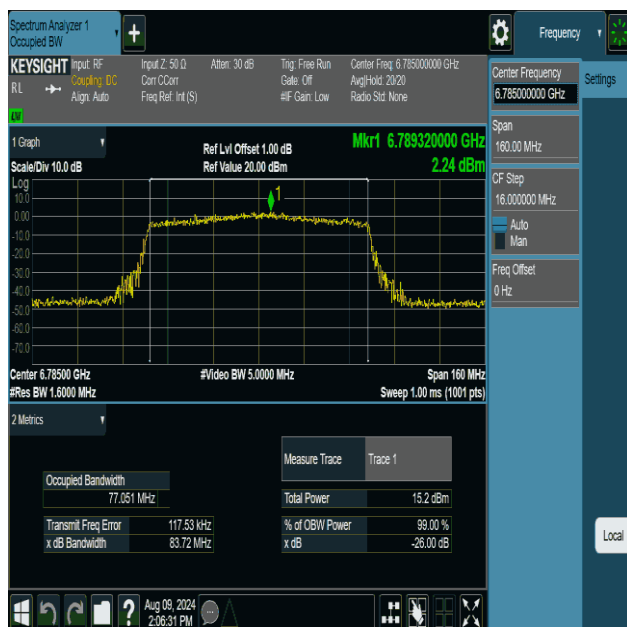


11ax40MIMO-Ant1-6845-PASS



11ax40MIMO-Ant2-6845-PASS







11ax80MIMO-Ant1-6865-PASS

11ax80MIMO-Ant2-6865-PASS



11ax160MIMO-Ant1-6665-PASS

11ax160MIMO-Ant2-6665-PASS









11be20MIMO-Ant1-6875-PASS



11be20MIMO-Ant2-6875-PASS



11be40MIMO-Ant1-6525-PASS

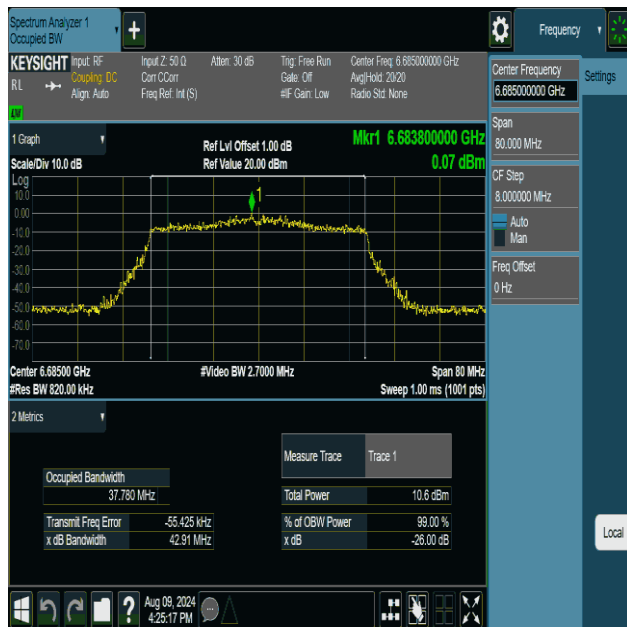


11be40MIMO-Ant2-6525-PASS



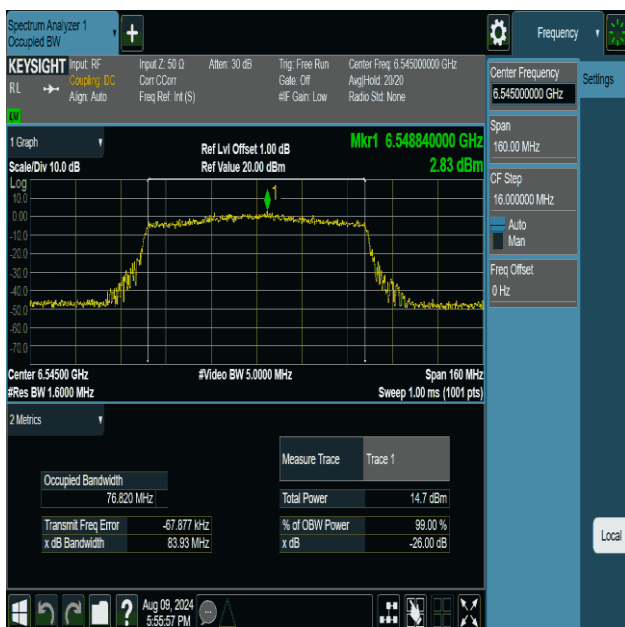
11be40MIMO-Ant1-6565-PASS

11be40MIMO-Ant2-6565-PASS



11be40MIMO-Ant1-6685-PASS

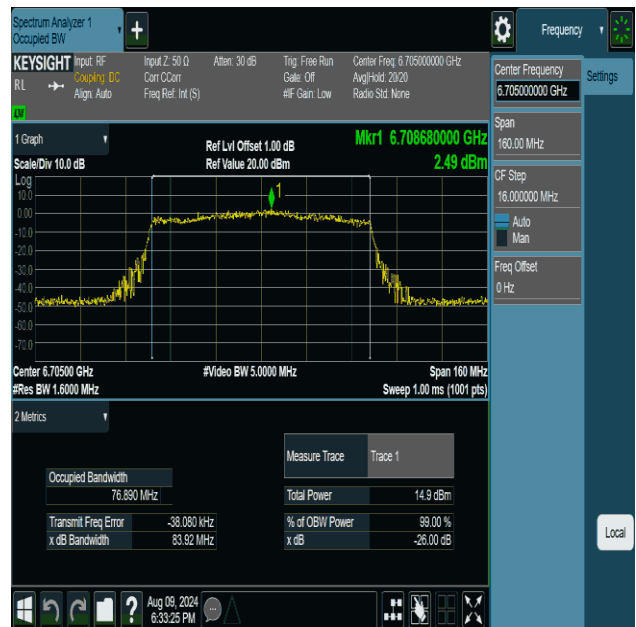
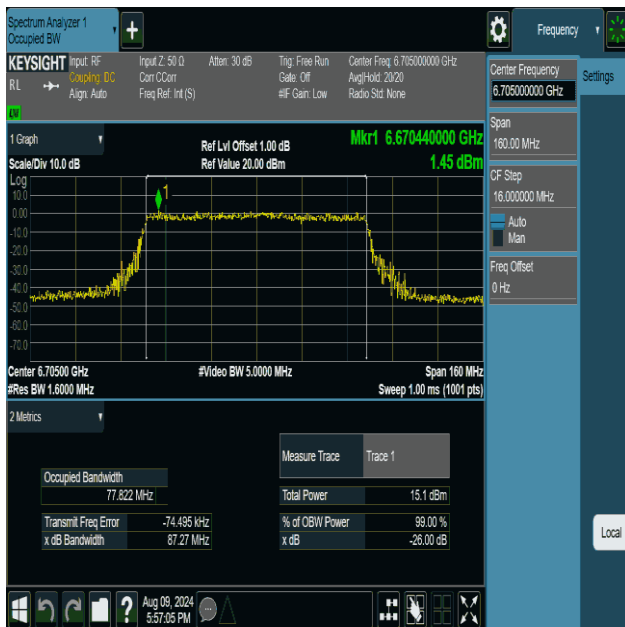
11be40MIMO-Ant2-6685-PASS





11be80MIMO-Ant1-6625-PASS

11be80MIMO-Ant2-6625-PASS



11be80MIMO-Ant1-6705-PASS

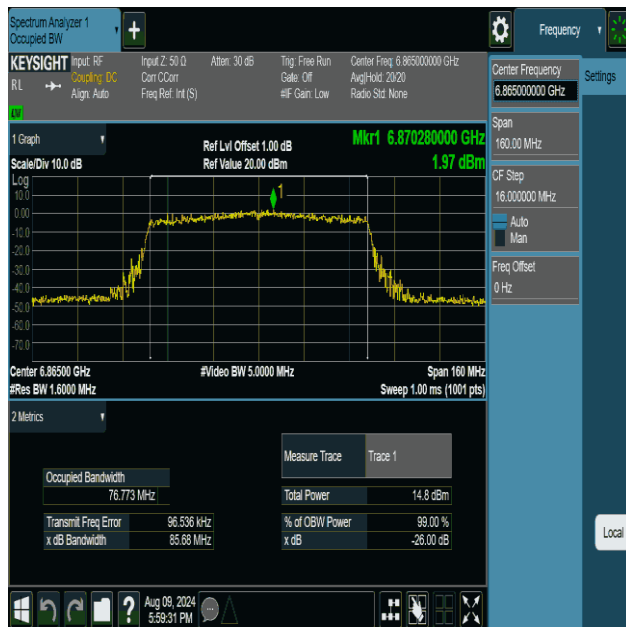
11be80MIMO-Ant2-6705-PASS



11be80MIMO-Ant1-6785-PASS



11be80MIMO-Ant2-6785-PASS



11be80MIMO-Ant1-6865-PASS



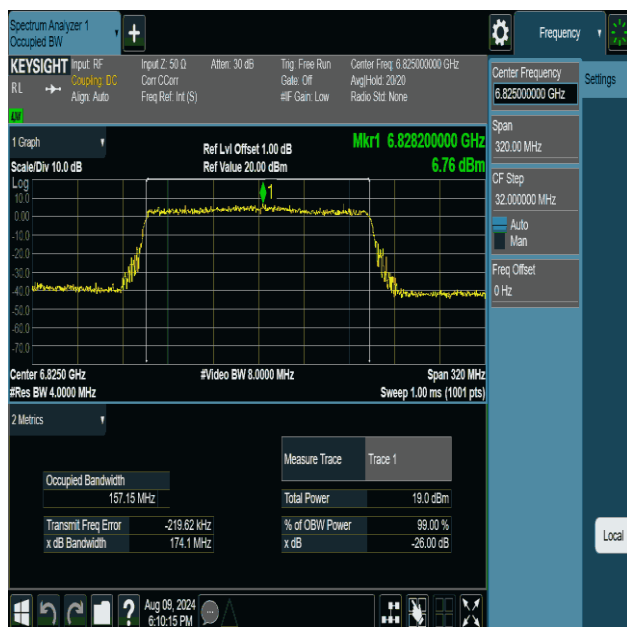
11be80MIMO-Ant2-6865-PASS



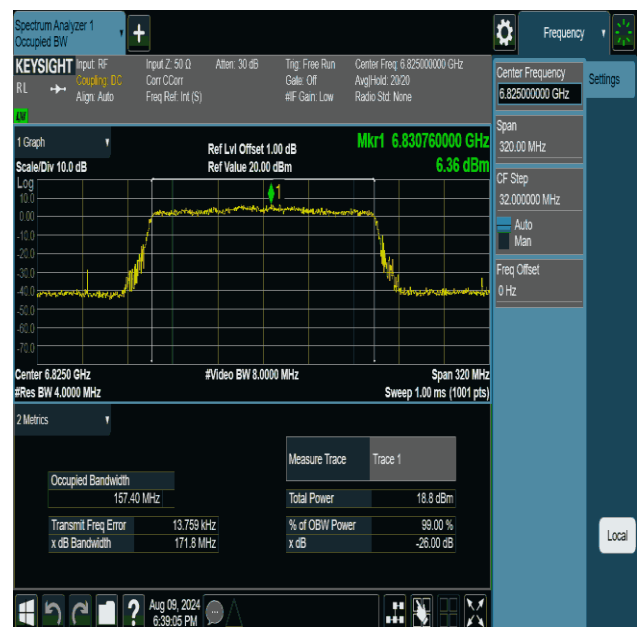
11be160MIMO-Ant1-6665-PASS



11be160MIMO-Ant2-6665-PASS



11be160MIMO-Ant1-6825-PASS



11be160MIMO-Ant2-6825-PASS



## Duty Cycle

## Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11a-CDD	Ant1	6535	2.10	2.12	99.06	---	---
11a-CDD	Ant2	6535	2.09	2.11	99.05	---	---
11a-CDD	Ant1	6695	2.09	2.11	99.05	---	---
11a-CDD	Ant2	6695	2.09	2.11	99.05	---	---
11a-CDD	Ant1	6855	2.10	2.12	99.06	---	---
11a-CDD	Ant2	6855	2.10	2.11	99.53	---	---
11a-CDD	Ant1	6875	2.10	2.12	99.06	---	---
11a-CDD	Ant2	6875	2.09	2.11	99.05	---	---
11ax20MIMO	Ant1	6535	5.35	5.36	99.81	---	---
11ax20MIMO	Ant2	6535	5.34	5.36	99.63	---	---
11ax20MIMO	Ant1	6695	5.34	5.36	99.63	---	---
11ax20MIMO	Ant2	6695	5.35	5.37	99.63	---	---
11ax20MIMO	Ant1	6855	5.35	5.37	99.63	---	---
11ax20MIMO	Ant2	6855	5.34	5.36	99.63	---	---
11ax20MIMO	Ant1	6875	5.34	5.36	99.63	---	---
11ax20MIMO	Ant2	6875	5.35	5.37	99.63	---	---
11ax40MIMO	Ant1	6525	5.37	5.39	99.63	---	---
11ax40MIMO	Ant2	6525	5.37	5.39	99.63	---	---
11ax40MIMO	Ant1	6565	5.37	5.39	99.63	---	---
11ax40MIMO	Ant2	6565	5.37	5.39	99.63	---	---
11ax40MIMO	Ant1	6685	5.37	5.39	99.63	---	---
11ax40MIMO	Ant2	6685	5.38	5.39	99.81	---	---
11ax40MIMO	Ant1	6845	5.37	5.39	99.63	---	---
11ax40MIMO	Ant2	6845	5.38	5.39	99.81	---	---
11ax80MIMO	Ant1	6545	5.40	5.42	99.63	---	---
11ax80MIMO	Ant2	6545	5.40	5.42	99.63	---	---
11ax80MIMO	Ant1	6625	5.40	5.42	99.63	---	---
11ax80MIMO	Ant2	6625	5.40	5.42	99.63	---	---
11ax80MIMO	Ant1	6705	5.40	5.42	99.63	---	---
11ax80MIMO	Ant2	6705	5.40	5.42	99.63	---	---
11ax80MIMO	Ant1	6785	5.40	5.42	99.63	---	---
11ax80MIMO	Ant2	6785	5.40	5.42	99.63	---	---
11ax80MIMO	Ant1	6865	5.40	5.42	99.63	---	---
11ax80MIMO	Ant2	6865	5.40	5.42	99.63	---	---
11ax160MIMO	Ant1	6665	5.04	5.06	99.60	---	---
11ax160MIMO	Ant2	6665	5.04	5.06	99.60	---	---
11ax160MIMO	Ant1	6825	5.04	5.06	99.60	---	---
11ax160MIMO	Ant2	6825	5.03	5.05	99.60	---	---
11be20MIMO	Ant1	6535	5.35	5.37	99.63	---	---

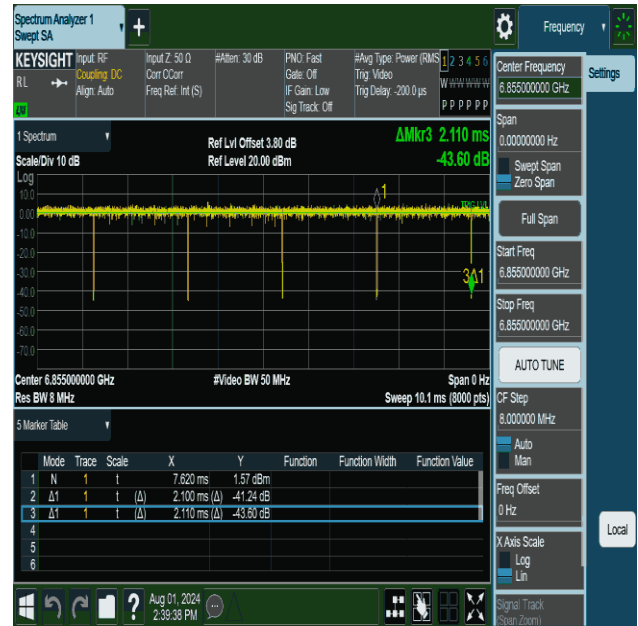
11be20MIMO	Ant2	6535	5.36	5.38	99.63	---	---
11be20MIMO	Ant1	6695	5.35	5.37	99.63	---	---
11be20MIMO	Ant2	6695	5.36	5.38	99.63	---	---
11be20MIMO	Ant1	6855	5.35	5.37	99.63	---	---
11be20MIMO	Ant2	6855	5.35	5.37	99.63	---	---
11be20MIMO	Ant1	6875	5.36	5.38	99.63	---	---
11be20MIMO	Ant2	6875	5.35	5.37	99.63	---	---
11be40MIMO	Ant1	6525	5.38	5.40	99.63	---	---
11be40MIMO	Ant2	6525	5.39	5.40	99.81	---	---
11be40MIMO	Ant1	6565	5.38	5.40	99.63	---	---
11be40MIMO	Ant2	6565	5.38	5.40	99.63	---	---
11be40MIMO	Ant1	6685	5.38	5.40	99.63	---	---
11be40MIMO	Ant2	6685	5.39	5.40	99.81	---	---
11be40MIMO	Ant1	6845	5.38	5.40	99.63	---	---
11be40MIMO	Ant2	6845	5.38	5.40	99.63	---	---
11be80MIMO	Ant1	6545	5.40	5.42	99.63	---	---
11be80MIMO	Ant2	6545	5.40	5.42	99.63	---	---
11be80MIMO	Ant1	6625	5.41	5.43	99.63	---	---
11be80MIMO	Ant2	6625	5.41	5.43	99.63	---	---
11be80MIMO	Ant1	6705	5.41	5.43	99.63	---	---
11be80MIMO	Ant2	6705	5.41	5.42	99.82	---	---
11be80MIMO	Ant1	6785	5.41	5.43	99.63	---	---
11be80MIMO	Ant2	6785	5.40	5.42	99.63	---	---
11be80MIMO	Ant1	6865	5.41	5.43	99.63	---	---
11be80MIMO	Ant2	6865	5.41	5.43	99.63	---	---
11be160MIMO	Ant1	6665	5.04	5.06	99.60	---	---
11be160MIMO	Ant2	6665	5.04	5.06	99.60	---	---
11be160MIMO	Ant1	6825	5.04	5.06	99.60	---	---
11be160MIMO	Ant2	6825	5.04	5.06	99.60	---	---

## Test Graphs

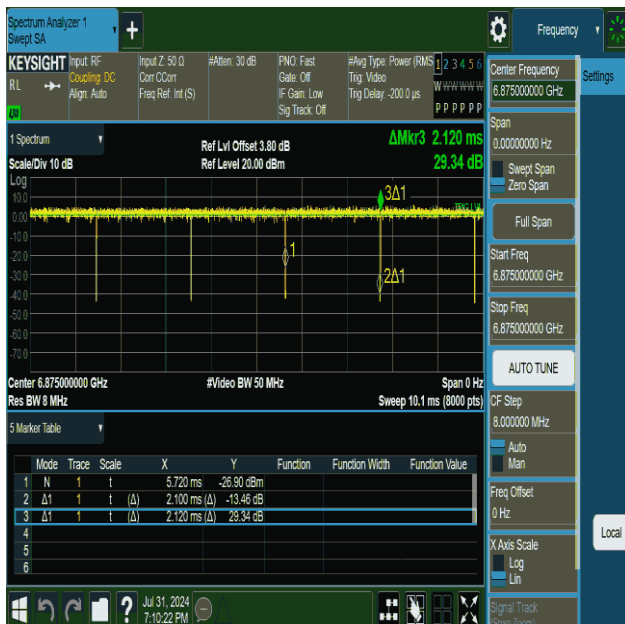




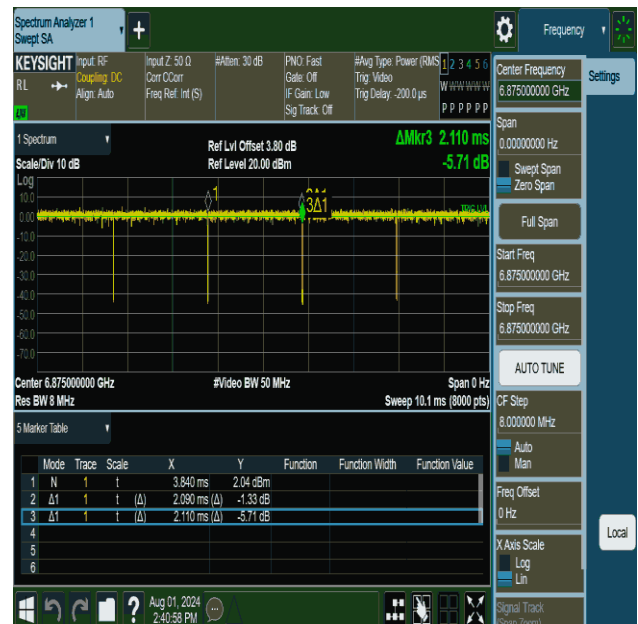
NTNV-11a-CDD-Ant1-6855



NTNV-11a-CDD-Ant2-6855



NTNV-11a-CDD-Ant1-6875



NTNV-11a-CDD-Ant2-6875



NTNV-11ax20MIMO-Ant1-6535



NTNV-11ax20MIMO-Ant2-6535



NTNV-11ax20MIMO-Ant1-6695



NTNV-11ax20MIMO-Ant2-6695



NTNV-11ax20MIMO-Ant1-6855



NTNV-11ax20MIMO-Ant2-6855

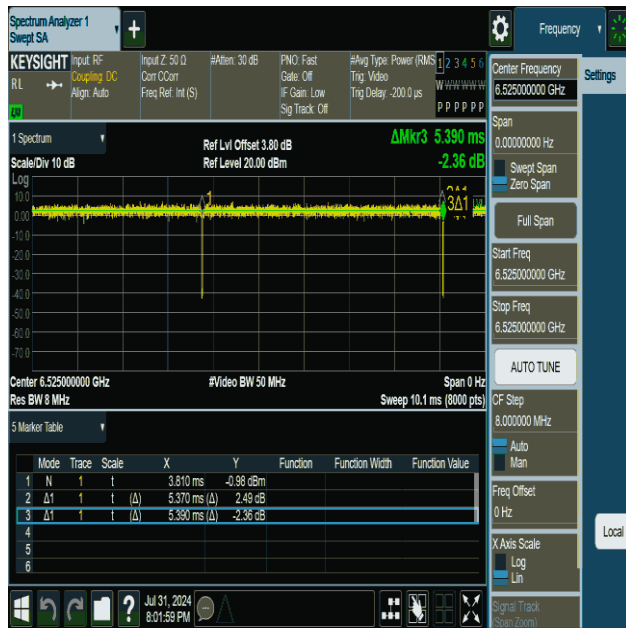


NTNV-11ax20MIMO-Ant1-6875



NTNV-11ax20MIMO-Ant2-6875





NTNV-11ax40MIMO-Ant1-6525



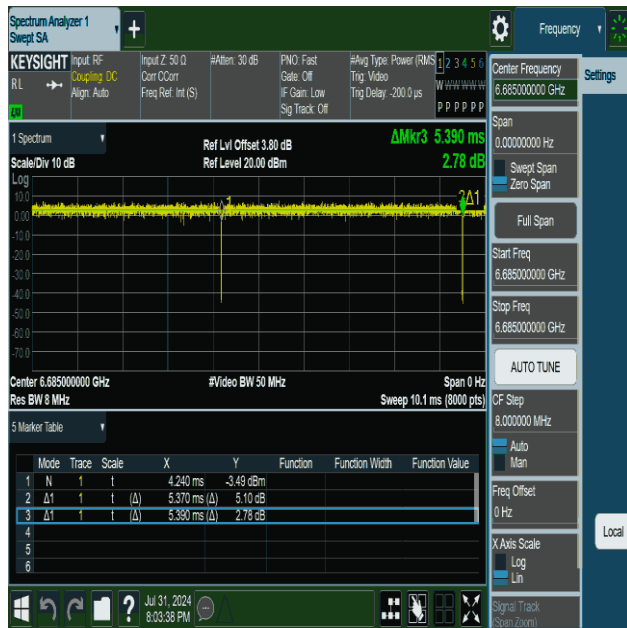
NTNV-11ax40MIMO-Ant2-6525



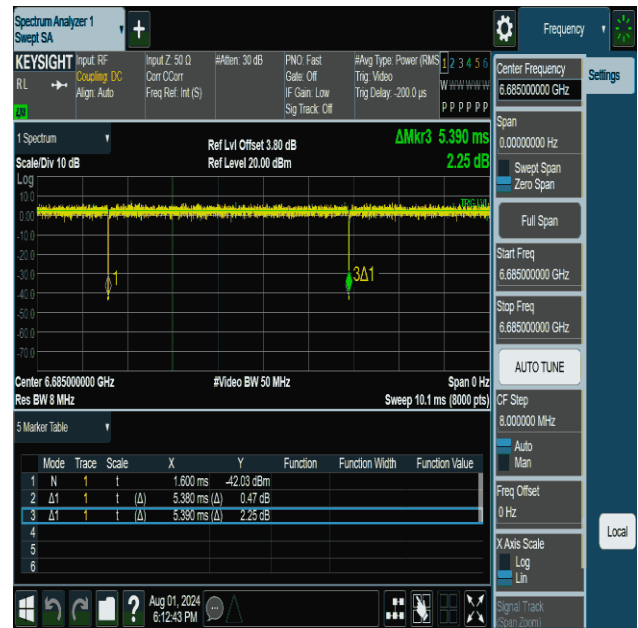
NTNV-11ax40MIMO-Ant1-6565



NTNV-11ax40MIMO-Ant2-6565



NTNV-11ax40MIMO-Ant1-6685



NTNV-11ax40MIMO-Ant2-6685



NTNV-11ax40MIMO-Ant1-6845



NTNV-11ax40MIMO-Ant2-6845



NTNV-11ax80MIMO-Ant1-6545



NTNV-11ax80MIMO-Ant2-6545



NTNV-11ax80MIMO-Ant1-6625



NTNV-11ax80MIMO-Ant2-6625