

**11BE80MIMO\_Ant5\_6865**



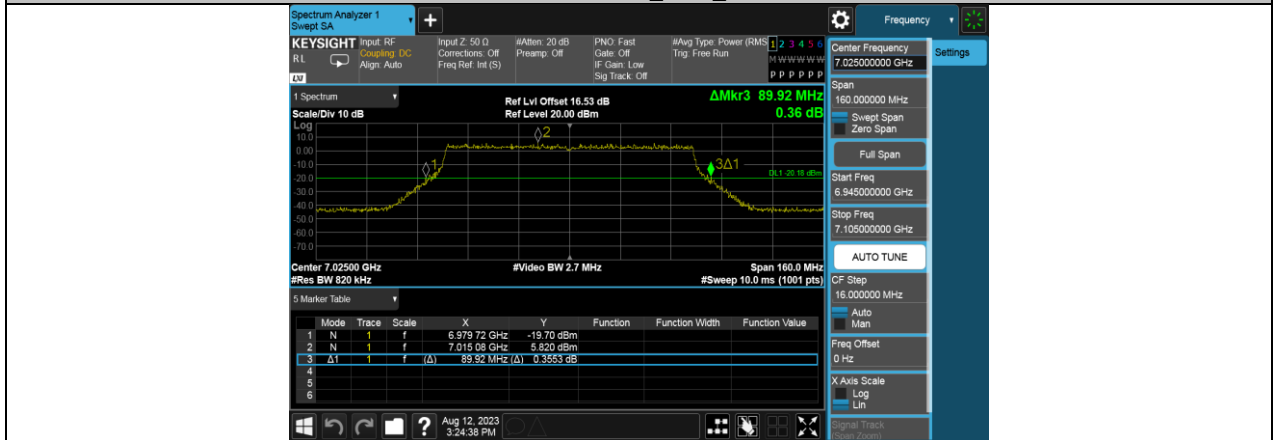




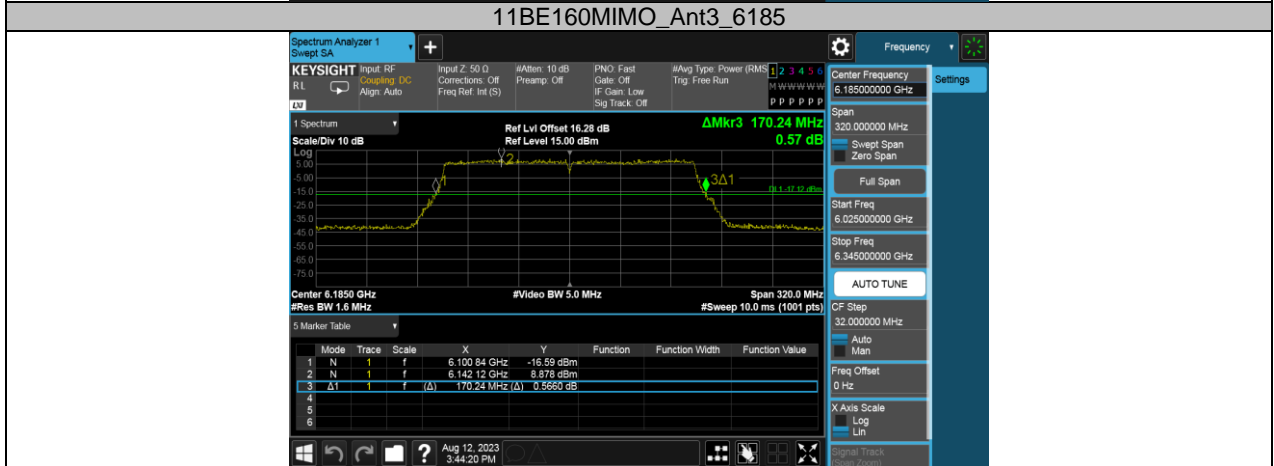
11BE80MIMO\_Ant4\_7025

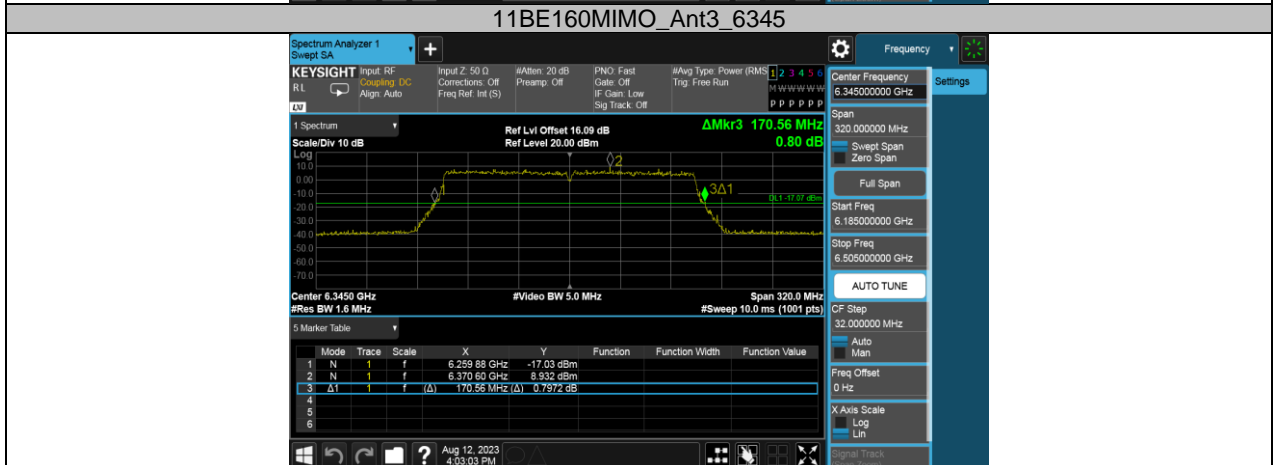


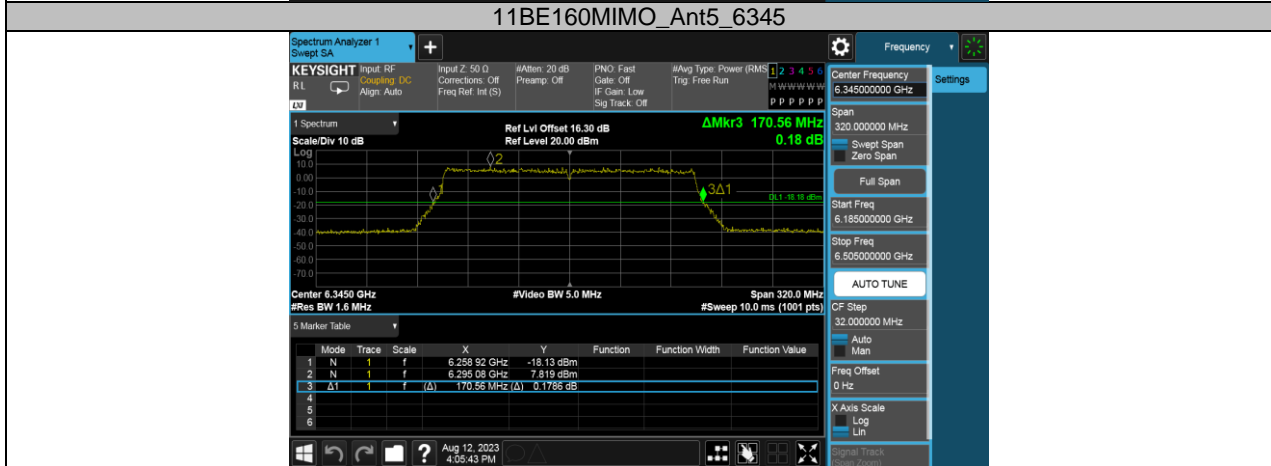
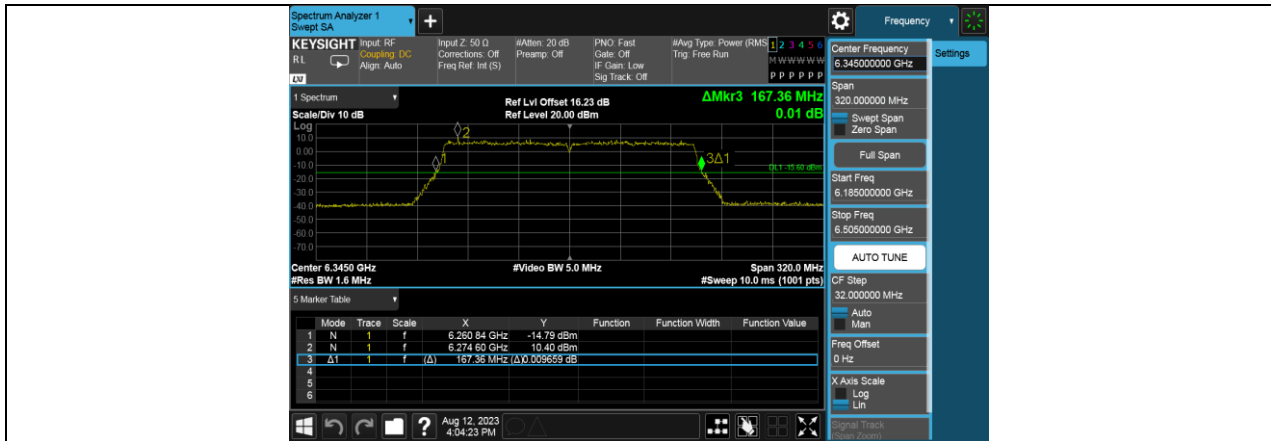
11BE80MIMO\_Ant5\_7025



11BE80MIMO\_Ant6\_7025

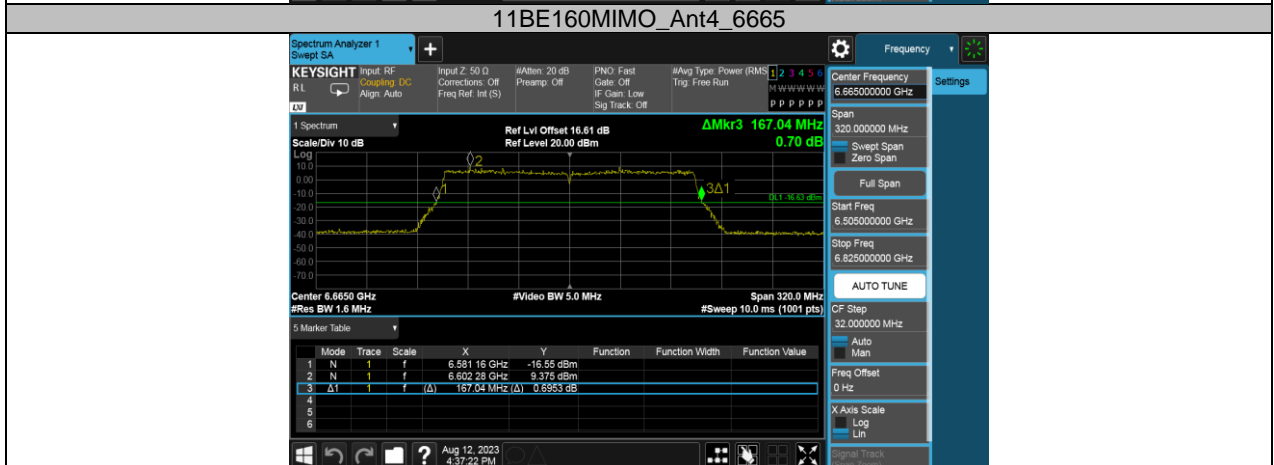
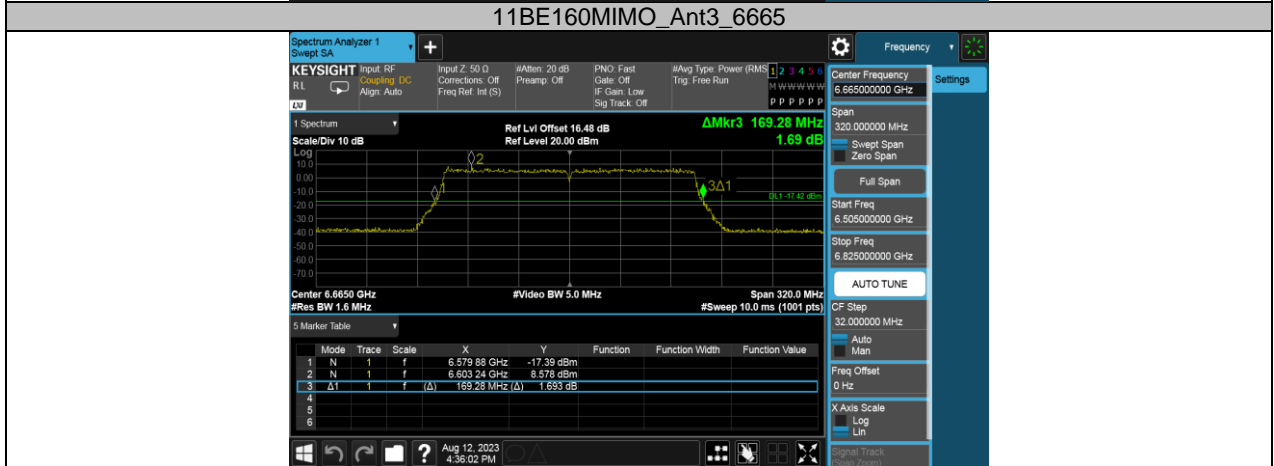














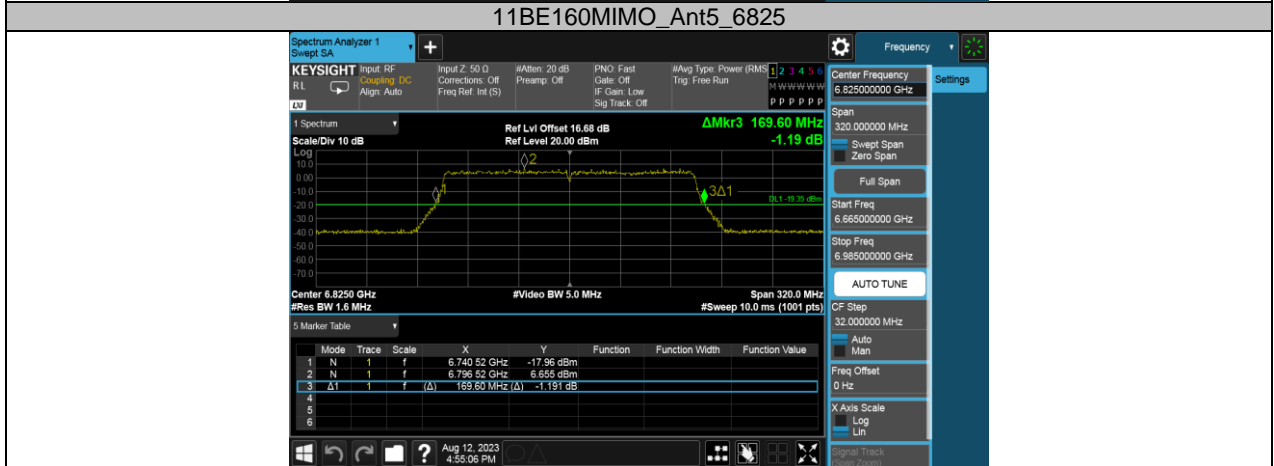
11BE160MIMO\_Ant6\_6665



11BE160MIMO\_Ant3\_6825



11BE160MIMO\_Ant4\_6825





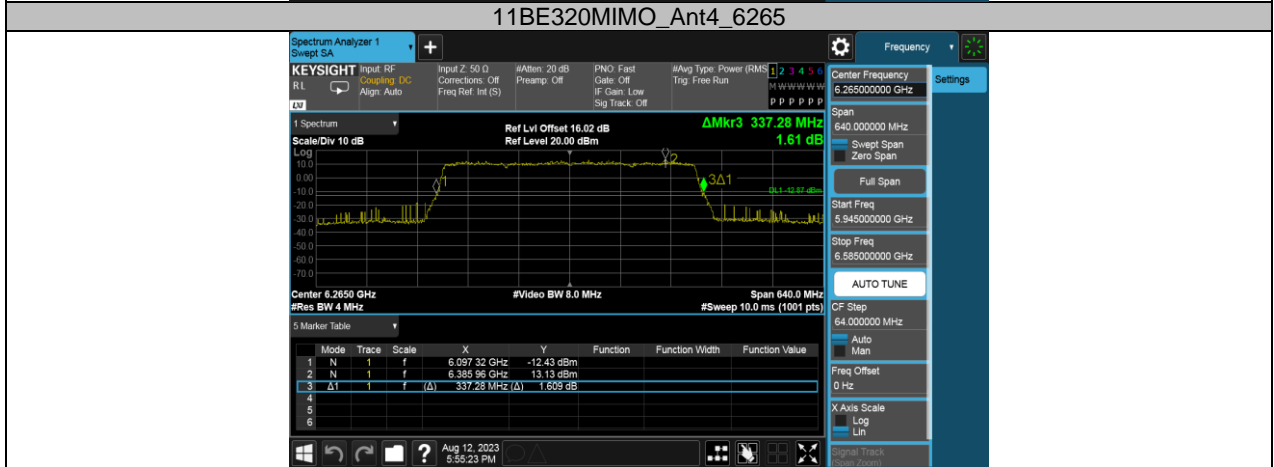
11BE160MIMO\_Ant4\_6985

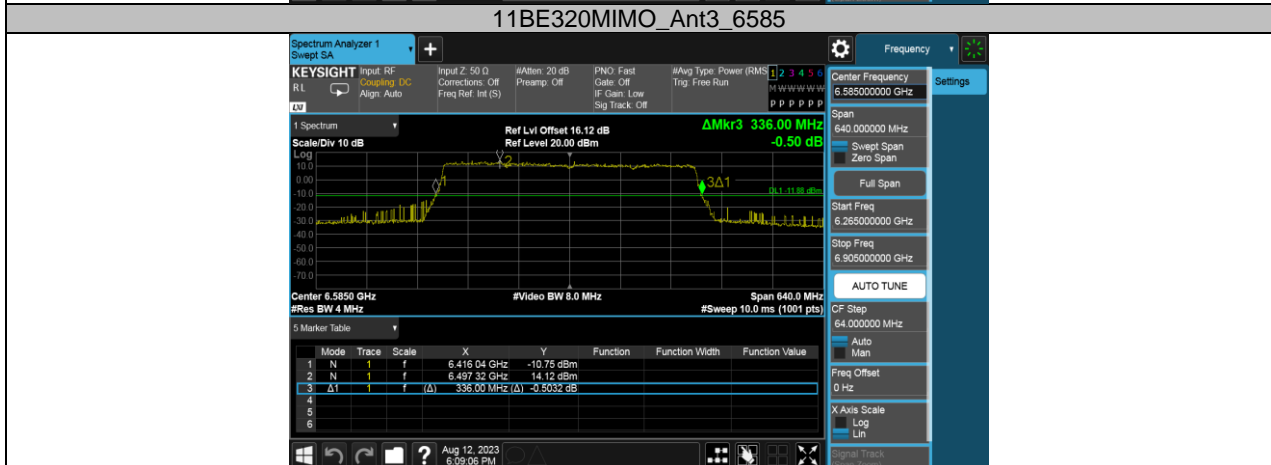


11BE160MIMO\_Ant5\_6985

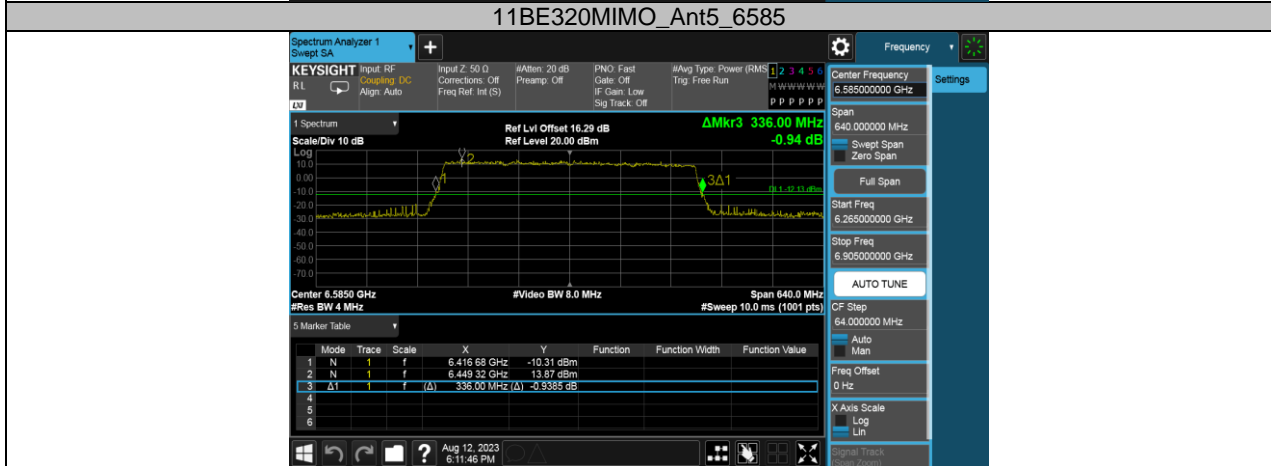


11BE160MIMO\_Ant6\_6985





**11BE320MIMO\_Ant4\_6585**



**11BE320MIMO\_Ant3\_6905**



11BE320MIMO\_Ant4\_6905



11BE320MIMO\_Ant5\_6905



11BE320MIMO\_Ant6\_6905

Note: All the modes had been test, but only the worst data was recorded in the report.



## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant3	6115	19.319	6105.3520	6124.6710	≤320	PASS
	Ant4	6115	19.268	6105.3809	6124.6489	≤320	PASS
	Ant5	6115	19.258	6105.3808	6124.6388	≤320	PASS
	Ant6	6115	19.282	6105.3792	6124.6612	≤320	PASS
	Ant3	6275	19.235	6265.3980	6284.6330	≤320	PASS
	Ant4	6275	19.250	6265.3813	6284.6313	≤320	PASS
	Ant5	6275	19.604	6265.0344	6284.6384	≤320	PASS
	Ant6	6275	19.239	6265.3925	6284.6315	≤320	PASS
	Ant3	6415	19.243	6405.3800	6424.6230	≤320	PASS
	Ant4	6415	19.311	6405.3475	6424.6585	≤320	PASS
	Ant5	6415	19.256	6405.3771	6424.6331	≤320	PASS
	Ant6	6415	19.303	6405.3678	6424.6708	≤320	PASS
	Ant3	6435	19.204	6425.4132	6444.6172	≤320	PASS
	Ant4	6435	19.252	6425.3839	6444.6359	≤320	PASS
	Ant5	6435	19.222	6425.3861	6444.6081	≤320	PASS
	Ant6	6435	19.279	6425.3962	6444.6752	≤320	PASS
	Ant3	6475	19.209	6465.3945	6484.6035	≤320	PASS
	Ant4	6475	19.223	6465.3780	6484.6010	≤320	PASS
	Ant5	6475	19.271	6465.3627	6484.6337	≤320	PASS
	Ant6	6475	19.236	6465.3622	6484.5982	≤320	PASS
	Ant3	6515	19.254	6505.3586	6524.6126	≤320	PASS
	Ant4	6515	19.267	6505.3410	6524.6080	≤320	PASS
	Ant5	6515	19.297	6505.3415	6524.6385	≤320	PASS
	Ant6	6515	19.243	6505.3638	6524.6068	≤320	PASS
	Ant3	6535	19.265	6525.3742	6544.6392	≤320	PASS
	Ant4	6535	19.264	6525.3633	6544.6273	≤320	PASS
	Ant5	6535	19.248	6525.3497	6544.5977	≤320	PASS
	Ant6	6535	19.329	6525.3096	6544.6386	≤320	PASS
	Ant3	6715	19.264	6705.3688	6724.6328	≤320	PASS
	Ant4	6715	19.246	6705.3701	6724.6161	≤320	PASS
	Ant5	6715	19.236	6705.3754	6724.6114	≤320	PASS
	Ant6	6715	19.311	6705.3394	6724.6504	≤320	PASS
	Ant3	6875	19.228	6865.3914	6884.6194	≤320	PASS
	Ant4	6875	19.248	6865.3888	6884.6368	≤320	PASS
	Ant5	6875	19.282	6865.3476	6884.6296	≤320	PASS
	Ant6	6875	19.288	6865.3930	6884.6810	≤320	PASS
	Ant3	6895	19.209	6885.3937	6904.6027	≤320	PASS
	Ant4	6895	19.264	6885.3628	6904.6268	≤320	PASS
	Ant5	6895	19.273	6885.3535	6904.6265	≤320	PASS
	Ant6	6895	19.223	6885.3757	6904.5987	≤320	PASS
Ant3	7015	19.230	7005.3820	7024.6120	≤320	PASS	
Ant4	7015	19.713	7004.9091	7024.6221	≤320	PASS	
Ant5	7015	19.376	7005.2271	7024.6031	≤320	PASS	
Ant6	7015	19.331	7005.3273	7024.6583	≤320	PASS	
Ant3	7115	19.202	7105.3737	7124.5757	≤320	PASS	
Ant4	7115	19.249	7105.3631	7124.6121	≤320	PASS	
Ant5	7115	19.201	7105.3844	7124.5854	≤320	PASS	
Ant6	7115	19.232	7105.3818	7124.6138	≤320	PASS	
11BE40MIMO	Ant3	6125	38.334	6105.9163	6144.2503	≤320	PASS
	Ant4	6125	38.306	6105.8829	6144.1889	≤320	PASS
	Ant5	6125	38.295	6105.8651	6144.1601	≤320	PASS
	Ant6	6125	38.348	6105.8504	6144.1984	≤320	PASS
	Ant3	6285	38.381	6265.7967	6304.1777	≤320	PASS
	Ant4	6285	38.341	6265.8002	6304.1412	≤320	PASS
	Ant5	6285	39.743	6265.8595	6305.6025	≤320	PASS
Ant6	6285	38.220	6265.8402	6304.0602	≤320	PASS	

	Ant3	6405	38.331	6385.8223	6424.1533	≤320	PASS
	Ant4	6405	39.642	6384.4980	6424.1400	≤320	PASS
	Ant5	6405	38.409	6385.7885	6424.1975	≤320	PASS
	Ant6	6405	38.281	6385.7909	6424.0719	≤320	PASS
	Ant3	6445	38.338	6425.8176	6464.1556	≤320	PASS
	Ant4	6445	38.308	6425.8688	6464.1768	≤320	PASS
	Ant5	6445	38.303	6425.8519	6464.1549	≤320	PASS
	Ant6	6445	38.294	6425.8637	6464.1577	≤320	PASS
	Ant3	6485	38.363	6465.8286	6504.1916	≤320	PASS
	Ant4	6485	38.277	6465.8244	6504.1014	≤320	PASS
	Ant5	6485	38.286	6465.8760	6504.1620	≤320	PASS
	Ant6	6485	38.270	6465.8625	6504.1325	≤320	PASS
	Ant3	6525	38.336	6505.8098	6544.1458	≤320	PASS
	Ant4	6525	38.325	6505.7960	6544.1210	≤320	PASS
	Ant5	6525	38.294	6505.8446	6544.1386	≤320	PASS
	Ant6	6525	38.333	6505.8479	6544.1809	≤320	PASS
	Ant3	6565	38.452	6545.7677	6584.2197	≤320	PASS
	Ant4	6565	38.398	6545.7763	6584.1743	≤320	PASS
	Ant5	6565	38.322	6545.8207	6584.1427	≤320	PASS
	Ant6	6565	38.235	6545.8956	6584.1306	≤320	PASS
	Ant3	6685	39.524	6664.6926	6704.2166	≤320	PASS
	Ant4	6685	38.353	6665.8405	6704.1935	≤320	PASS
	Ant5	6685	38.333	6665.9092	6704.2422	≤320	PASS
	Ant6	6685	38.202	6665.8900	6704.0920	≤320	PASS
	Ant3	6845	38.349	6825.7910	6864.1400	≤320	PASS
	Ant4	6845	38.340	6825.8059	6864.1459	≤320	PASS
	Ant5	6845	38.238	6825.7911	6864.0291	≤320	PASS
	Ant6	6845	38.235	6825.8037	6864.0387	≤320	PASS
	Ant3	6885	38.306	6865.8342	6904.1402	≤320	PASS
	Ant4	6885	38.289	6865.8707	6904.1597	≤320	PASS
	Ant5	6885	39.639	6864.5190	6904.1580	≤320	PASS
	Ant6	6885	38.165	6865.9150	6904.0800	≤320	PASS
	Ant3	7005	39.400	6984.7472	7024.1472	≤320	PASS
	Ant4	7005	38.354	6985.8307	7024.1847	≤320	PASS
	Ant5	7005	38.367	6985.8105	7024.1775	≤320	PASS
	Ant6	7005	38.306	6985.8182	7024.1242	≤320	PASS
	Ant3	7085	38.324	7065.7894	7104.1134	≤320	PASS
	Ant4	7085	38.365	7065.7870	7104.1520	≤320	PASS
	Ant5	7085	38.298	7065.8017	7104.0997	≤320	PASS
	Ant6	7085	38.265	7065.7851	7104.0501	≤320	PASS
11BE80MIMO	Ant3	6145	78.026	6106.1158	6184.1418	≤320	PASS
	Ant4	6145	77.892	6106.0628	6183.9548	≤320	PASS
	Ant5	6145	78.215	6105.7725	6183.9875	≤320	PASS
	Ant6	6145	77.965	6105.9892	6183.9542	≤320	PASS
	Ant3	6225	78.281	6185.9885	6264.2695	≤320	PASS
	Ant4	6225	78.171	6185.9657	6264.1367	≤320	PASS
	Ant5	6225	78.119	6186.0511	6264.1701	≤320	PASS
	Ant6	6225	78.031	6186.0423	6264.0733	≤320	PASS
	Ant3	6385	78.122	6345.9685	6424.0905	≤320	PASS
	Ant4	6385	78.057	6345.8997	6423.9567	≤320	PASS
	Ant5	6385	77.991	6346.0143	6424.0053	≤320	PASS
	Ant6	6385	77.933	6346.0628	6423.9958	≤320	PASS
	Ant3	6465	78.056	6425.9612	6504.0172	≤320	PASS
	Ant4	6465	78.234	6425.8504	6504.0844	≤320	PASS
	Ant5	6465	78.143	6425.9373	6504.0803	≤320	PASS
	Ant6	6465	77.951	6425.9989	6503.9499	≤320	PASS
	Ant3	6545	78.257	6505.7787	6584.0357	≤320	PASS
	Ant4	6545	78.318	6505.7150	6584.0330	≤320	PASS
	Ant5	6545	80.957	6505.7884	6586.7454	≤320	PASS
	Ant6	6545	78.239	6505.8831	6584.1221	≤320	PASS
Ant3	6705	78.040	6665.9512	6743.9912	≤320	PASS	

	Ant4	6705	78.062	6665.8741	6743.9361	≤320	PASS
	Ant5	6705	78.253	6665.9105	6744.1635	≤320	PASS
	Ant6	6705	78.186	6665.7749	6743.9609	≤320	PASS
	Ant3	6865	78.213	6825.8104	6904.0234	≤320	PASS
	Ant4	6865	78.277	6825.7240	6904.0010	≤320	PASS
	Ant5	6865	78.346	6825.6786	6904.0246	≤320	PASS
	Ant6	6865	78.150	6825.8843	6904.0343	≤320	PASS
	Ant3	6945	78.092	6905.9106	6984.0026	≤320	PASS
	Ant4	6945	78.110	6905.8467	6983.9567	≤320	PASS
	Ant5	6945	77.920	6905.9569	6983.8769	≤320	PASS
	Ant6	6945	78.172	6905.9775	6984.1495	≤320	PASS
	Ant3	7025	78.204	6985.9109	7064.1149	≤320	PASS
	Ant4	7025	78.160	6985.8121	7063.9721	≤320	PASS
	Ant5	7025	78.011	6985.9211	7063.9321	≤320	PASS
	Ant6	7025	77.988	6985.9188	7063.9068	≤320	PASS
11BE160MIMO	Ant3	6185	162.17	6102.3988	6264.5688	≤320	PASS
	Ant4	6185	157.97	6106.2413	6264.2113	≤320	PASS
	Ant5	6185	157.99	6106.1792	6264.1692	≤320	PASS
	Ant6	6185	158.08	6106.1504	6264.2304	≤320	PASS
	Ant3	6345	158.55	6265.5121	6424.0621	≤320	PASS
	Ant4	6345	158.02	6265.5985	6423.6185	≤320	PASS
	Ant5	6345	157.94	6265.8525	6423.7925	≤320	PASS
	Ant6	6345	158.10	6265.7618	6423.8618	≤320	PASS
	Ant3	6505	158.20	6425.7715	6583.9715	≤320	PASS
	Ant4	6505	157.97	6425.9544	6583.9244	≤320	PASS
	Ant5	6505	157.82	6425.8162	6583.6362	≤320	PASS
	Ant6	6505	157.81	6426.2056	6584.0156	≤320	PASS
	Ant3	6665	158.32	6585.8456	6744.1656	≤320	PASS
	Ant4	6665	158.09	6585.6680	6743.7580	≤320	PASS
	Ant5	6665	163.31	6580.7254	6744.0354	≤320	PASS
	Ant6	6665	158.04	6585.6870	6743.7270	≤320	PASS
	Ant3	6825	158.39	6745.5962	6903.9862	≤320	PASS
	Ant4	6825	158.42	6745.5597	6903.9797	≤320	PASS
	Ant5	6825	157.75	6745.8004	6903.5504	≤320	PASS
	Ant6	6825	158.13	6745.8518	6903.9818	≤320	PASS
	Ant3	6985	157.82	6906.0290	7063.8490	≤320	PASS
Ant4	6985	157.71	6905.8883	7063.5983	≤320	PASS	
Ant5	6985	157.50	6906.1340	7063.6340	≤320	PASS	
Ant6	6985	157.49	6906.0430	7063.5330	≤320	PASS	
11BE320MIMO	Ant3	6265	315.46	6108.0829	6423.5429	≤320	PASS
	Ant4	6265	315.85	6107.1933	6423.0433	≤320	PASS
	Ant5	6265	315.73	6107.3609	6423.0909	≤320	PASS
	Ant6	6265	315.83	6107.0504	6422.8804	≤320	PASS
	Ant3	6585	316.19	6426.2120	6742.4020	≤320	PASS
	Ant4	6585	315.52	6426.6620	6742.1820	≤320	PASS
	Ant5	6585	316.50	6426.0950	6742.5950	≤320	PASS
	Ant6	6585	315.73	6426.4823	6742.2123	≤320	PASS
	Ant3	6905	316.50	6746.5540	7063.0540	≤320	PASS
	Ant4	6905	316.46	6745.9929	7062.4529	≤320	PASS
	Ant5	6905	316.06	6746.5914	7062.6514	≤320	PASS
	Ant6	6905	315.75	6746.7666	7062.5166	≤320	PASS

Note: All the modes had been test, but only the worst data was recorded in the report.

### 11.2.2. Test Graphs

