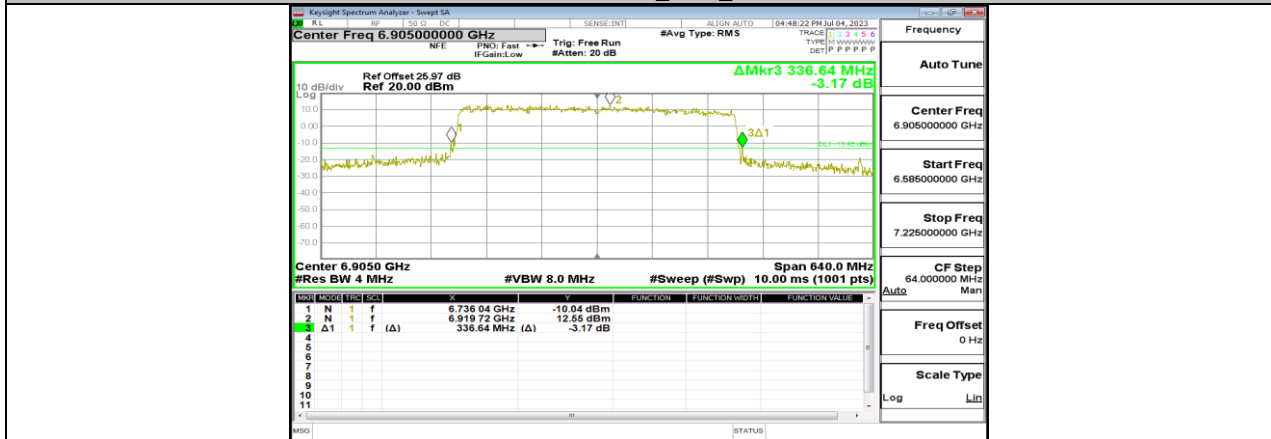


11BE320MIMO\_Ant9\_6905



11BE320MIMO\_Ant10\_6905

## 11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

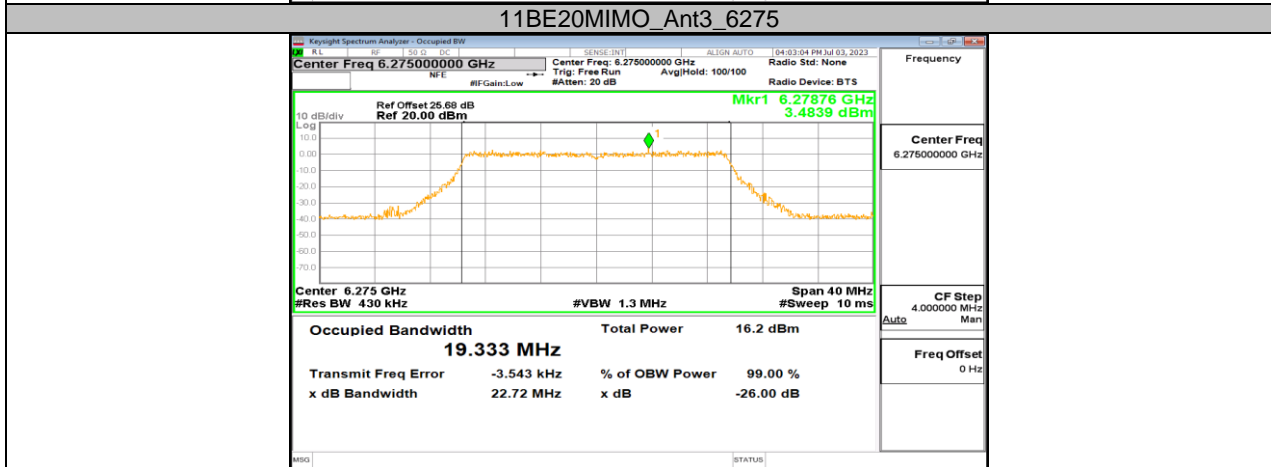
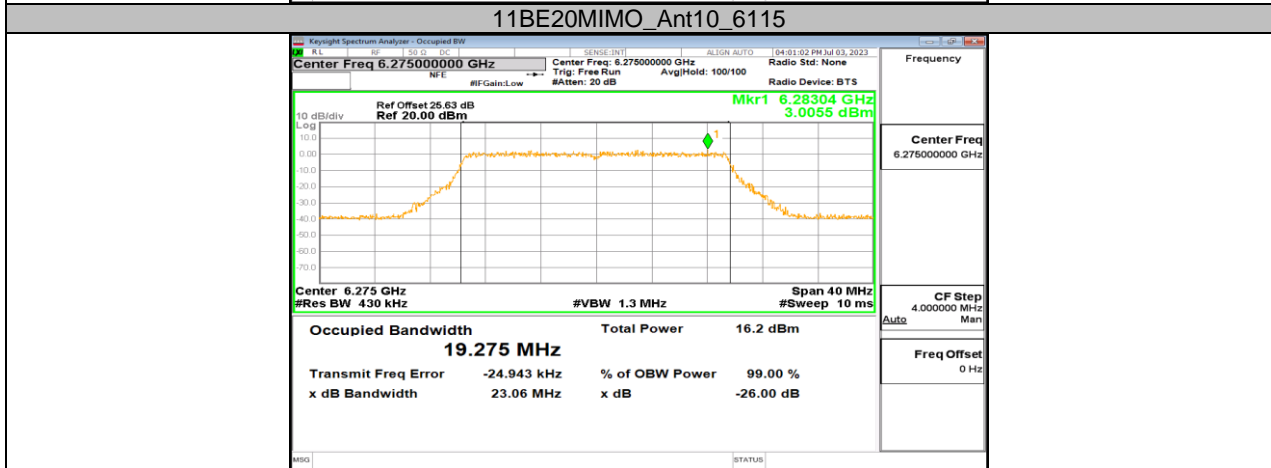
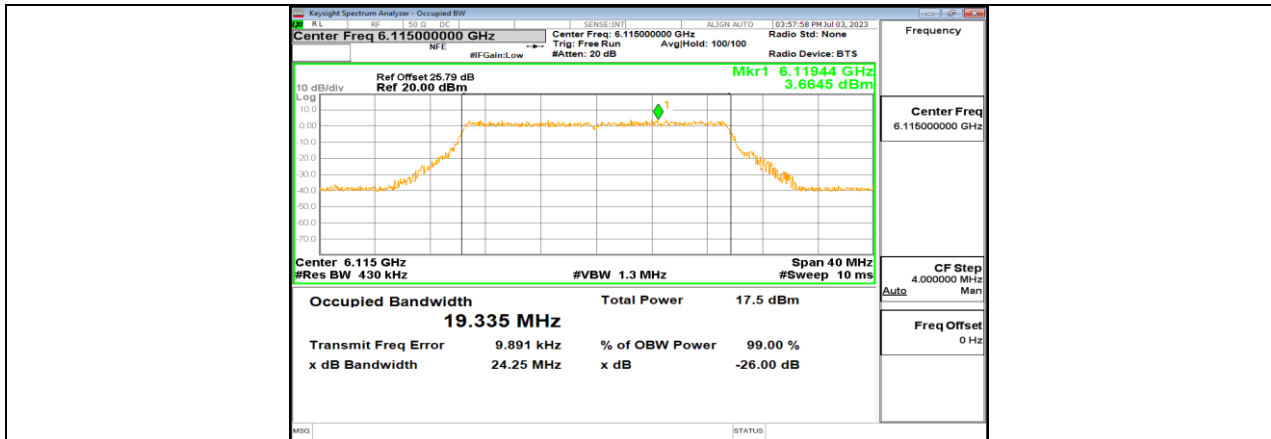
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant3	6115	19.261	6105.3562	6124.6172	≤320	PASS
	Ant4	6115	19.357	6105.3154	6124.6724	≤320	PASS
	Ant9	6115	19.781	6104.8834	6124.6644	≤320	PASS
	Ant10	6115	19.335	6105.3424	6124.6774	≤320	PASS
	Ant3	6275	19.275	6265.3376	6284.6126	≤320	PASS
	Ant4	6275	19.333	6265.3300	6284.6630	≤320	PASS
	Ant9	6275	19.354	6265.3383	6284.6923	≤320	PASS
	Ant10	6275	19.459	6265.3108	6284.7698	≤320	PASS
	Ant3	6415	19.282	6405.3321	6424.6141	≤320	PASS
	Ant4	6415	19.272	6405.3321	6424.6041	≤320	PASS
	Ant9	6415	19.302	6405.3522	6424.6542	≤320	PASS
	Ant10	6415	19.853	6405.3410	6425.1940	≤320	PASS
	Ant3	6435	19.283	6425.3331	6444.6161	≤320	PASS
	Ant4	6435	19.328	6425.3234	6444.6514	≤320	PASS
	Ant9	6435	19.297	6425.3474	6444.6444	≤320	PASS
	Ant10	6435	19.249	6425.3523	6444.6013	≤320	PASS
	Ant3	6475	19.251	6465.3542	6484.6052	≤320	PASS
	Ant4	6475	19.315	6465.3158	6484.6308	≤320	PASS
	Ant9	6475	19.311	6465.3429	6484.6539	≤320	PASS
	Ant10	6475	19.235	6465.3459	6484.5809	≤320	PASS
	Ant3	6515	19.314	6505.3290	6524.6430	≤320	PASS
	Ant4	6515	19.276	6505.3332	6524.6092	≤320	PASS
	Ant9	6515	19.280	6505.3469	6524.6269	≤320	PASS
	Ant10	6515	19.217	6505.3868	6524.6038	≤320	PASS
	Ant3	6535	19.289	6525.3204	6544.6094	≤320	PASS
	Ant4	6535	19.351	6525.2919	6544.6429	≤320	PASS
	Ant9	6535	19.322	6525.3497	6544.6717	≤320	PASS
	Ant10	6535	19.215	6525.3676	6544.5826	≤320	PASS
	Ant3	6715	19.299	6705.3431	6724.6421	≤320	PASS
	Ant4	6715	19.590	6705.2932	6724.8832	≤320	PASS
	Ant9	6715	19.330	6705.3090	6724.6390	≤320	PASS
	Ant10	6715	19.276	6705.3480	6724.6240	≤320	PASS
	Ant3	6875	19.312	6865.3380	6884.6500	≤320	PASS
	Ant4	6875	19.938	6864.7221	6884.6601	≤320	PASS
	Ant9	6875	19.976	6864.7141	6884.6901	≤320	PASS
	Ant10	6875	19.350	6865.3135	6884.6635	≤320	PASS
	Ant3	6895	19.733	6884.8579	6904.5909	≤320	PASS
	Ant4	6895	19.332	6885.2989	6904.6309	≤320	PASS
	Ant9	6895	19.399	6885.2838	6904.6828	≤320	PASS
	Ant10	6895	19.278	6885.3288	6904.6068	≤320	PASS
Ant3	7015	19.332	7005.3094	7024.6414	≤320	PASS	
Ant4	7015	19.266	7005.3252	7024.5912	≤320	PASS	
Ant9	7015	19.413	7005.2622	7024.6752	≤320	PASS	
Ant10	7015	19.263	7005.3257	7024.5887	≤320	PASS	
Ant3	7095	19.291	7085.3413	7104.6323	≤320	PASS	
Ant4	7095	19.268	7085.3269	7104.5949	≤320	PASS	
Ant9	7095	20.108	7084.5680	7104.6760	≤320	PASS	
Ant10	7095	19.243	7085.3497	7104.5927	≤320	PASS	
11BE40MIMO	Ant3	6125	38.245	6105.8568	6144.1018	≤320	PASS
	Ant4	6125	38.201	6105.8650	6144.0660	≤320	PASS
	Ant9	6125	38.192	6105.9160	6144.1080	≤320	PASS
	Ant10	6125	38.146	6105.9027	6144.0487	≤320	PASS
	Ant3	6285	38.237	6265.8346	6304.0716	≤320	PASS
	Ant4	6285	38.274	6265.8471	6304.1211	≤320	PASS
Ant9	6285	38.217	6265.8802	6304.0972	≤320	PASS	

	Ant10	6285	38.183	6265.8796	6304.0626	≤320	PASS
	Ant3	6405	38.297	6385.7663	6424.0633	≤320	PASS
	Ant4	6405	38.212	6385.8877	6424.0997	≤320	PASS
	Ant9	6405	38.197	6385.8372	6424.0342	≤320	PASS
	Ant10	6405	38.318	6385.8035	6424.1215	≤320	PASS
	Ant3	6445	38.192	6425.8456	6464.0376	≤320	PASS
	Ant4	6445	38.210	6425.8560	6464.0660	≤320	PASS
	Ant9	6445	38.233	6425.8344	6464.0674	≤320	PASS
	Ant10	6445	38.225	6425.8458	6464.0708	≤320	PASS
	Ant3	6485	38.209	6465.8352	6504.0442	≤320	PASS
	Ant4	6485	38.194	6465.8610	6504.0550	≤320	PASS
	Ant9	6485	38.168	6465.8805	6504.0485	≤320	PASS
	Ant10	6485	38.349	6465.7863	6504.1353	≤320	PASS
	Ant3	6525	38.236	6505.8170	6544.0530	≤320	PASS
	Ant4	6525	38.210	6505.8710	6544.0810	≤320	PASS
	Ant9	6525	38.227	6505.8431	6544.0701	≤320	PASS
	Ant10	6525	38.312	6505.8439	6544.1559	≤320	PASS
	Ant3	6565	38.246	6545.8084	6584.0544	≤320	PASS
	Ant4	6565	38.307	6545.7676	6584.0746	≤320	PASS
	Ant9	6565	38.384	6545.6652	6584.0492	≤320	PASS
	Ant10	6565	38.285	6545.8231	6584.1081	≤320	PASS
	Ant3	6725	38.214	6705.8363	6744.0503	≤320	PASS
	Ant4	6725	38.154	6705.9231	6744.0771	≤320	PASS
	Ant9	6725	38.182	6705.8694	6744.0514	≤320	PASS
	Ant10	6725	38.227	6705.8167	6744.0437	≤320	PASS
	Ant3	6845	38.201	6825.8242	6864.0252	≤320	PASS
	Ant4	6845	38.248	6825.8323	6864.0803	≤320	PASS
	Ant9	6845	38.289	6825.9397	6864.2287	≤320	PASS
	Ant10	6845	38.191	6825.8621	6864.0531	≤320	PASS
	Ant3	6885	38.243	6865.8207	6904.0637	≤320	PASS
	Ant4	6885	38.203	6865.8515	6904.0545	≤320	PASS
	Ant9	6885	38.457	6865.5481	6904.0051	≤320	PASS
	Ant10	6885	38.178	6865.8713	6904.0493	≤320	PASS
	Ant3	7005	38.223	6985.8258	7024.0488	≤320	PASS
	Ant4	7005	38.333	6985.7129	7024.0459	≤320	PASS
	Ant9	7005	38.081	6985.8738	7023.9548	≤320	PASS
	Ant10	7005	38.270	6985.8340	7024.1040	≤320	PASS
	Ant3	7085	38.276	7065.8070	7104.0830	≤320	PASS
	Ant4	7085	38.220	7065.8427	7104.0627	≤320	PASS
	Ant9	7085	38.177	7065.8616	7104.0386	≤320	PASS
	Ant10	7085	38.318	7065.8197	7104.1377	≤320	PASS
11BE80MIMO	Ant3	6145	78.215	6105.9043	6184.1193	≤320	PASS
	Ant4	6145	78.165	6105.9058	6184.0708	≤320	PASS
	Ant9	6145	77.973	6106.0170	6183.9900	≤320	PASS
	Ant10	6145	78.013	6105.9770	6183.9900	≤320	PASS
	Ant3	6225	78.865	6185.0830	6263.9480	≤320	PASS
	Ant4	6225	78.092	6185.9216	6264.0136	≤320	PASS
	Ant9	6225	77.987	6186.0183	6264.0053	≤320	PASS
	Ant10	6225	79.461	6184.4603	6263.9213	≤320	PASS
	Ant3	6385	78.227	6345.8207	6424.0477	≤320	PASS
	Ant4	6385	80.027	6345.9056	6425.9326	≤320	PASS
	Ant9	6385	78.113	6345.8613	6423.9743	≤320	PASS
	Ant10	6385	78.216	6345.8578	6424.0738	≤320	PASS
	Ant3	6465	78.104	6425.7773	6503.8813	≤320	PASS
	Ant4	6465	77.999	6425.8984	6503.8974	≤320	PASS
	Ant9	6465	78.079	6425.8017	6503.8807	≤320	PASS
	Ant10	6465	78.078	6425.8917	6503.9697	≤320	PASS
	Ant3	6545	77.989	6505.9285	6583.9175	≤320	PASS
	Ant4	6545	78.048	6505.9349	6583.9829	≤320	PASS
	Ant9	6545	78.044	6505.9190	6583.9630	≤320	PASS
	Ant10	6545	78.198	6505.8221	6584.0201	≤320	PASS

	Ant3	6705	78.066	6665.8407	6743.9067	≤320	PASS
	Ant4	6705	78.056	6665.8830	6743.9390	≤320	PASS
	Ant9	6705	78.162	6665.8188	6743.9808	≤320	PASS
	Ant10	6705	78.065	6665.8793	6743.9443	≤320	PASS
	Ant3	6865	78.078	6825.8693	6903.9473	≤320	PASS
	Ant4	6865	78.016	6825.9212	6903.9372	≤320	PASS
	Ant9	6865	77.912	6825.9937	6903.9057	≤320	PASS
	Ant10	6865	78.094	6825.8702	6903.9642	≤320	PASS
	Ant3	6945	78.049	6905.8826	6983.9316	≤320	PASS
	Ant4	6945	78.079	6905.8628	6983.9418	≤320	PASS
	Ant9	6945	80.653	6903.1339	6983.7869	≤320	PASS
	Ant10	6945	78.054	6905.9447	6983.9987	≤320	PASS
	Ant3	7025	78.136	6985.7846	7063.9206	≤320	PASS
	Ant4	7025	78.176	6985.7710	7063.9470	≤320	PASS
Ant9	7025	77.843	6985.9486	7063.7916	≤320	PASS	
Ant10	7025	78.077	6985.8970	7063.9740	≤320	PASS	
11BE160MIMO	Ant3	6185	159.09	6105.7730	6264.8630	≤320	PASS
	Ant4	6185	158.12	6106.2333	6264.3533	≤320	PASS
	Ant9	6185	157.62	6106.2887	6263.9087	≤320	PASS
	Ant10	6185	158.08	6105.9816	6264.0616	≤320	PASS
	Ant3	6345	158.49	6265.7687	6424.2587	≤320	PASS
	Ant4	6345	158.44	6265.7959	6424.2359	≤320	PASS
	Ant9	6345	157.74	6266.2028	6423.9428	≤320	PASS
	Ant10	6345	158.16	6266.1075	6424.2675	≤320	PASS
	Ant3	6505	158.46	6425.4968	6583.9568	≤320	PASS
	Ant4	6505	158.45	6425.7743	6584.2243	≤320	PASS
	Ant9	6505	158.78	6425.9012	6584.6812	≤320	PASS
	Ant10	6505	158.23	6425.8889	6584.1189	≤320	PASS
	Ant3	6665	158.41	6585.6853	6744.0953	≤320	PASS
	Ant4	6665	158.37	6585.8129	6744.1829	≤320	PASS
	Ant9	6665	158.16	6585.7222	6743.8822	≤320	PASS
	Ant10	6665	158.13	6585.8361	6743.9661	≤320	PASS
	Ant3	6825	158.41	6745.6353	6904.0453	≤320	PASS
	Ant4	6825	158.47	6745.7485	6904.2185	≤320	PASS
	Ant9	6825	157.73	6746.1345	6903.8645	≤320	PASS
	Ant10	6825	158.13	6745.8034	6903.9334	≤320	PASS
Ant3	6985	158.17	6905.7854	7063.9554	≤320	PASS	
Ant4	6985	158.14	6905.5435	7063.6835	≤320	PASS	
Ant9	6985	157.40	6905.8499	7063.2499	≤320	PASS	
Ant10	6985	157.76	6905.8704	7063.6304	≤320	PASS	
11BE320MIMO	Ant3	6265	317.18	6106.9663	6424.1463	≤320	PASS
	Ant4	6265	316.85	6106.8320	6423.6820	≤320	PASS
	Ant9	6265	316.77	6107.0577	6423.8277	≤320	PASS
	Ant10	6265	316.83	6106.6501	6423.4801	≤320	PASS
	Ant3	6425	315.92	6266.2034	6582.1234	≤320	PASS
	Ant4	6425	317.22	6266.0035	6583.2235	≤320	PASS
	Ant9	6425	317.19	6266.5188	6583.7088	≤320	PASS
	Ant10	6425	316.66	6266.2882	6582.9482	≤320	PASS
	Ant3	6585	316.92	6425.1530	6742.0730	≤320	PASS
	Ant4	6585	317.08	6426.2428	6743.3228	≤320	PASS
	Ant9	6585	317.11	6425.8026	6742.9126	≤320	PASS
	Ant10	6585	316.63	6426.4296	6743.0596	≤320	PASS
	Ant3	6745	317.16	6585.5772	6902.7372	≤320	PASS
	Ant4	6745	316.61	6586.3137	6902.9237	≤320	PASS
	Ant9	6745	317.41	6585.8318	6903.2418	≤320	PASS
	Ant10	6745	317.38	6586.1822	6903.5622	≤320	PASS
	Ant3	6905	317.22	6745.1707	7062.3907	≤320	PASS
	Ant4	6905	315.96	6745.8197	7061.7797	≤320	PASS
	Ant9	6905	315.85	6746.4118	7062.2618	≤320	PASS
	Ant10	6905	317.03	6745.4251	7062.4551	≤320	PASS

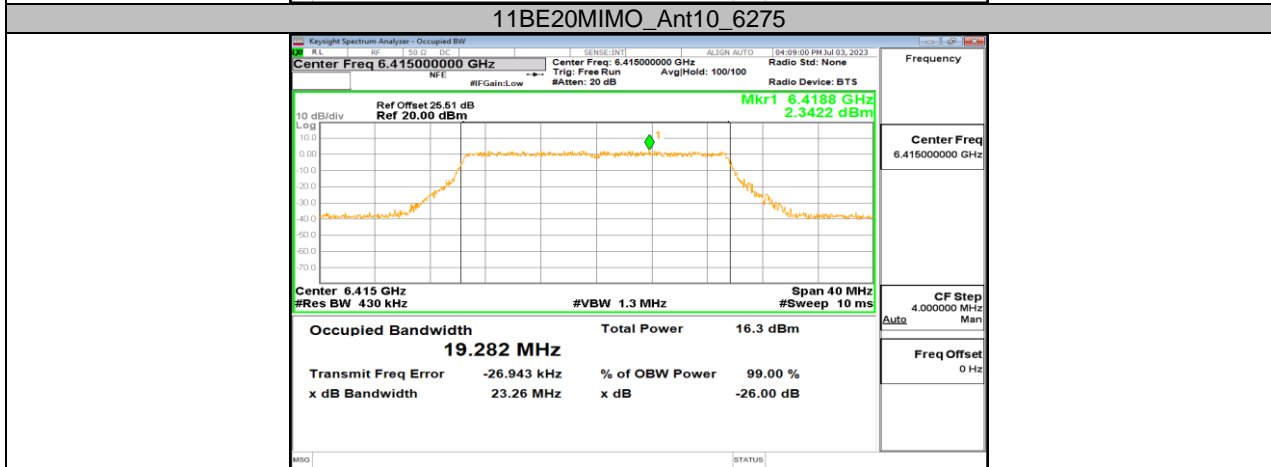
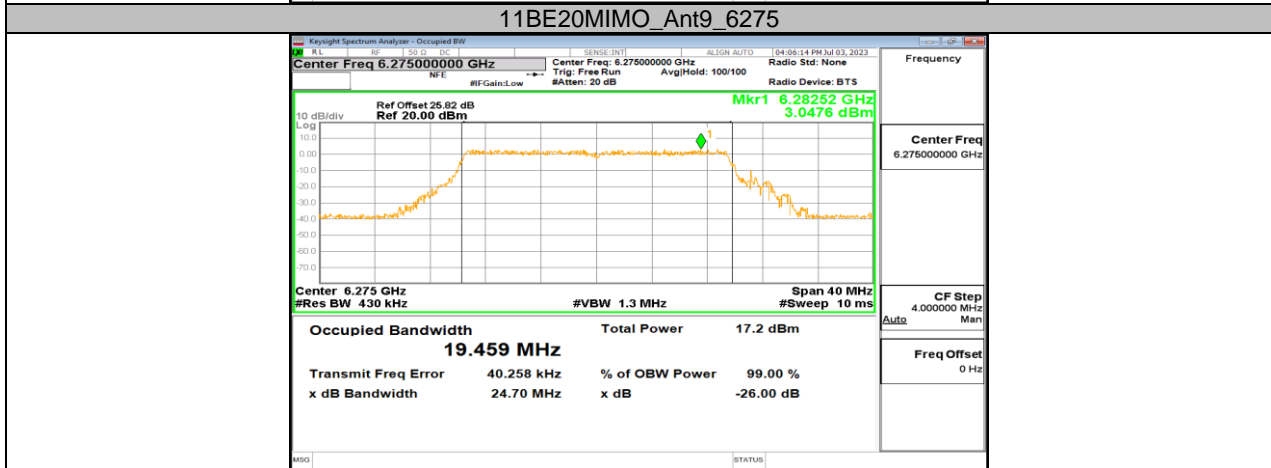
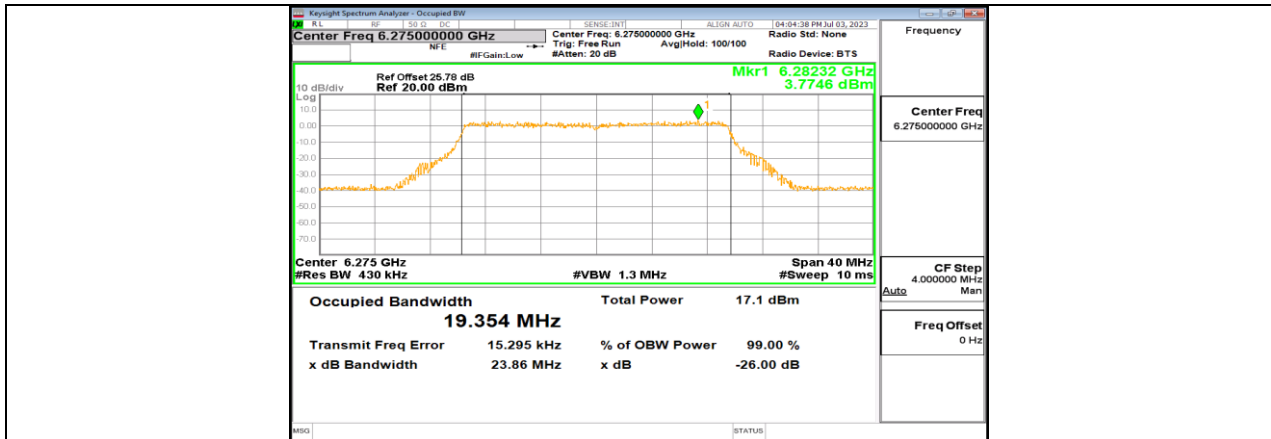
### 11.2.2. Test Graphs



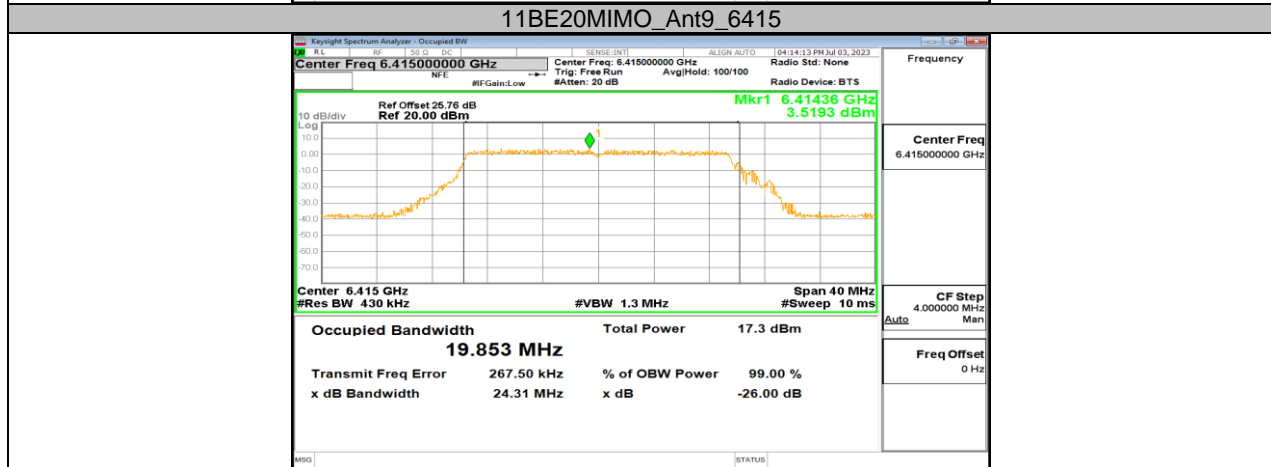
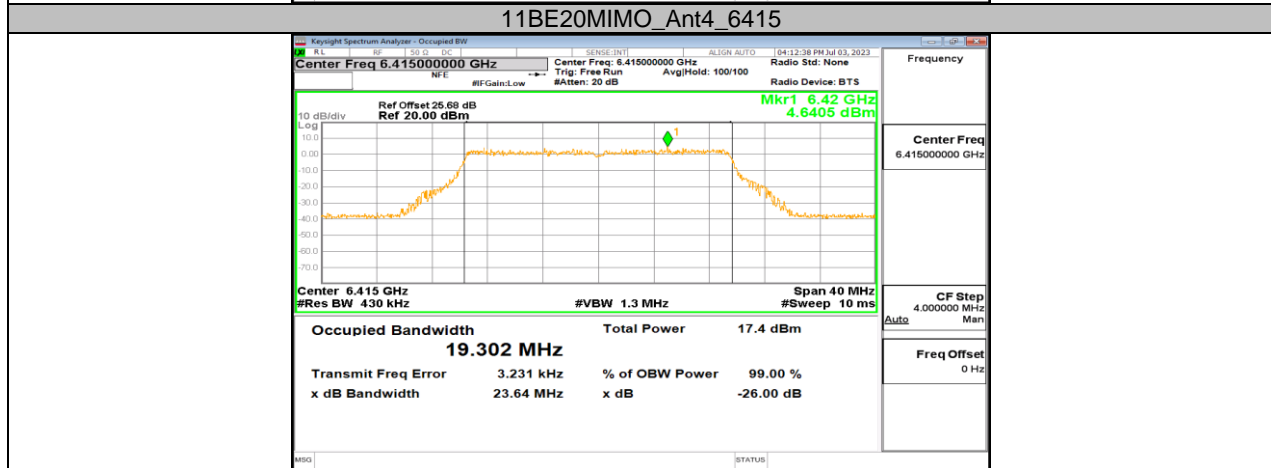
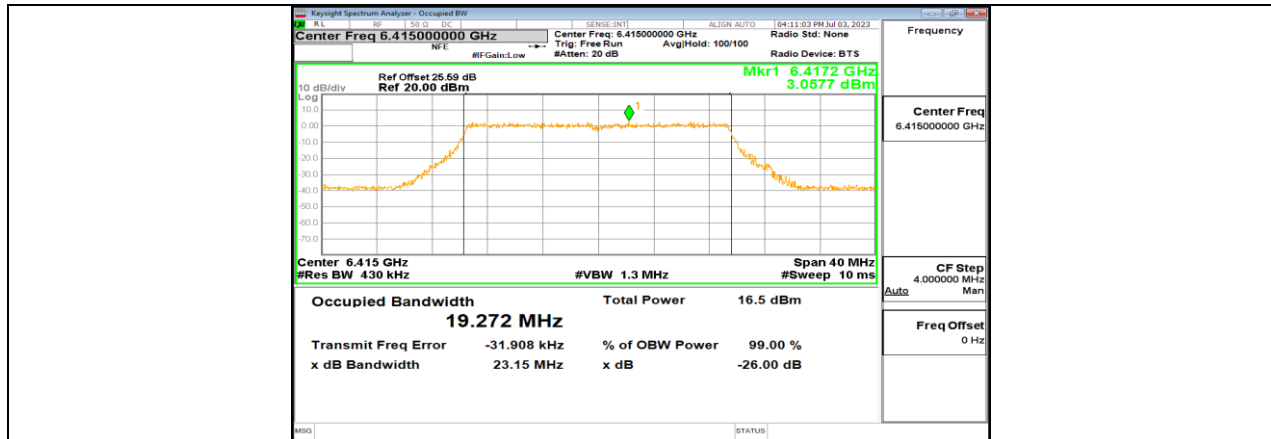


**11BE20MIMO\_Ant4\_6275**

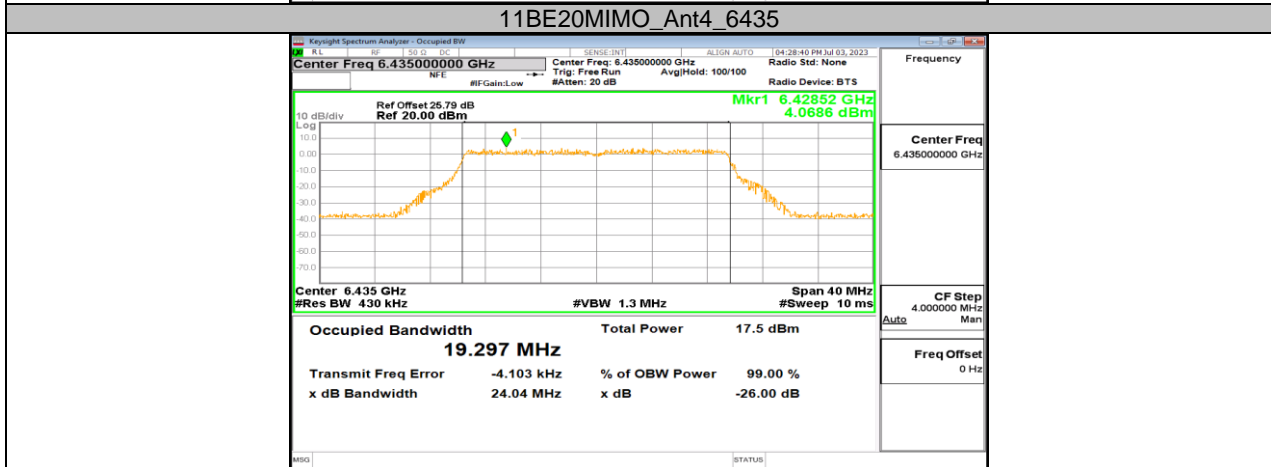
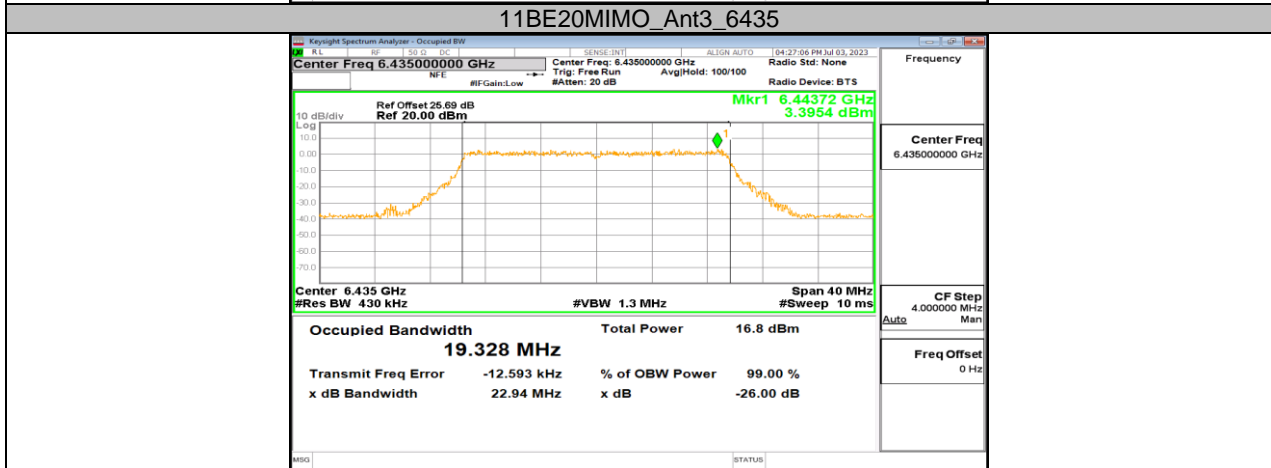
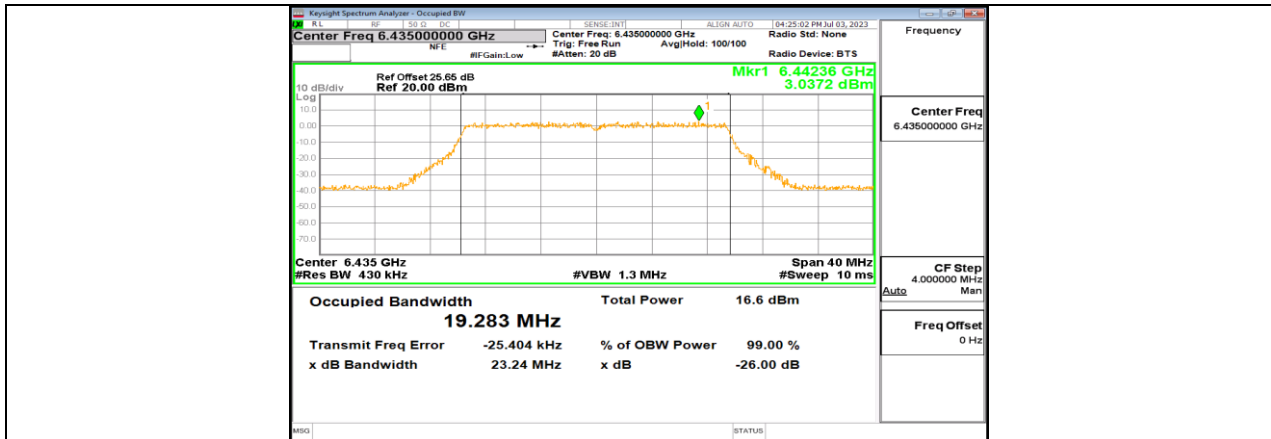


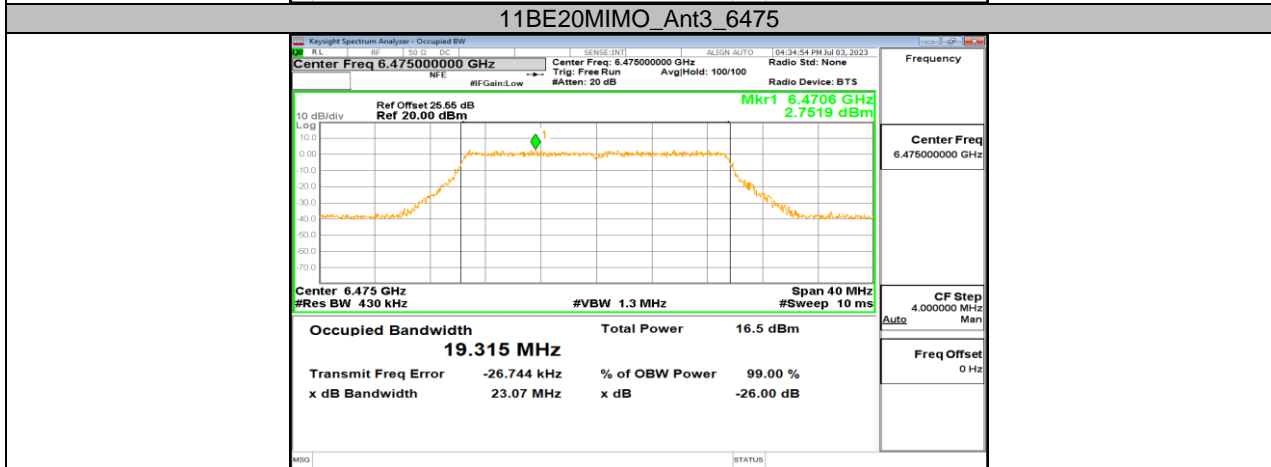
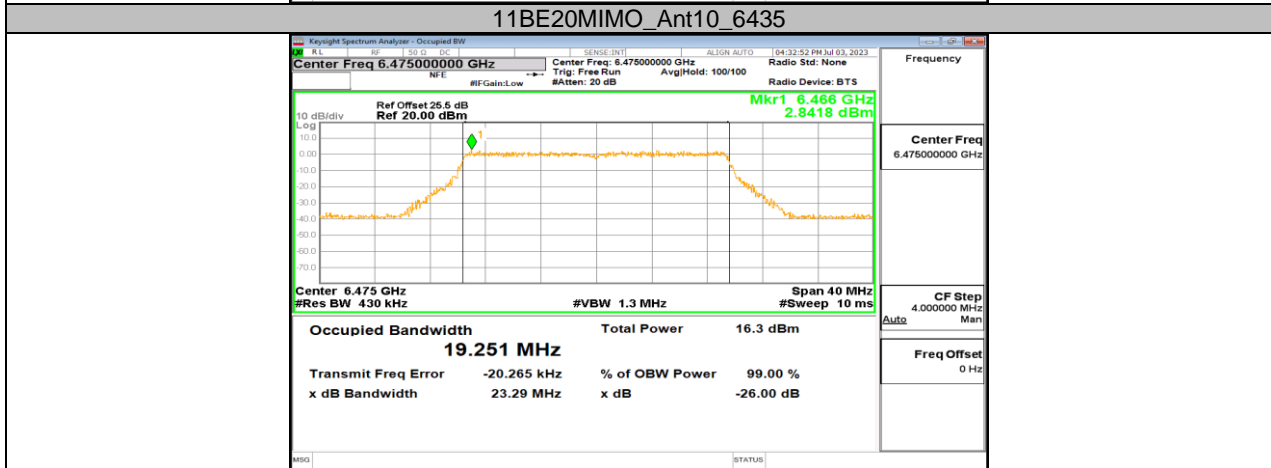
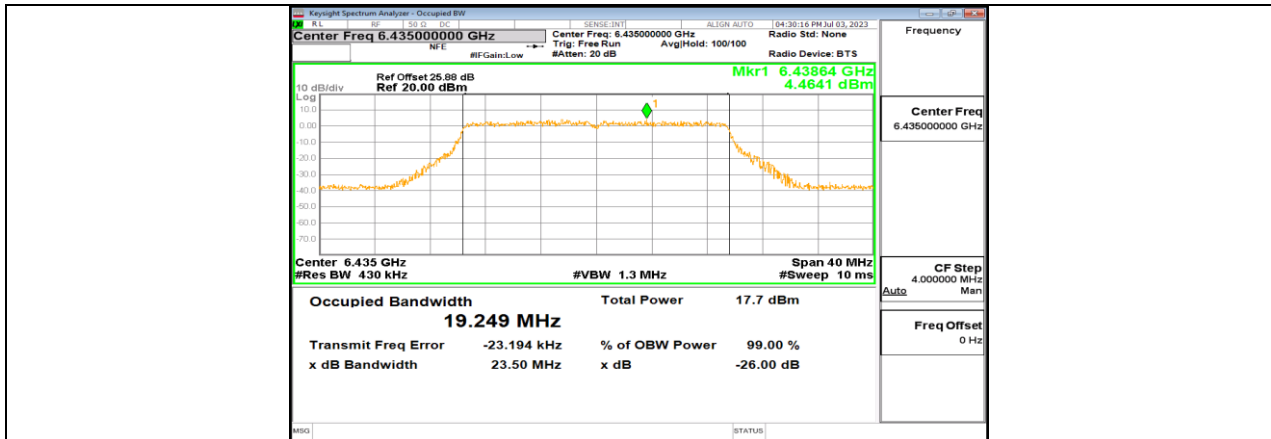


**11BE20MIMO\_Ant3\_6415**

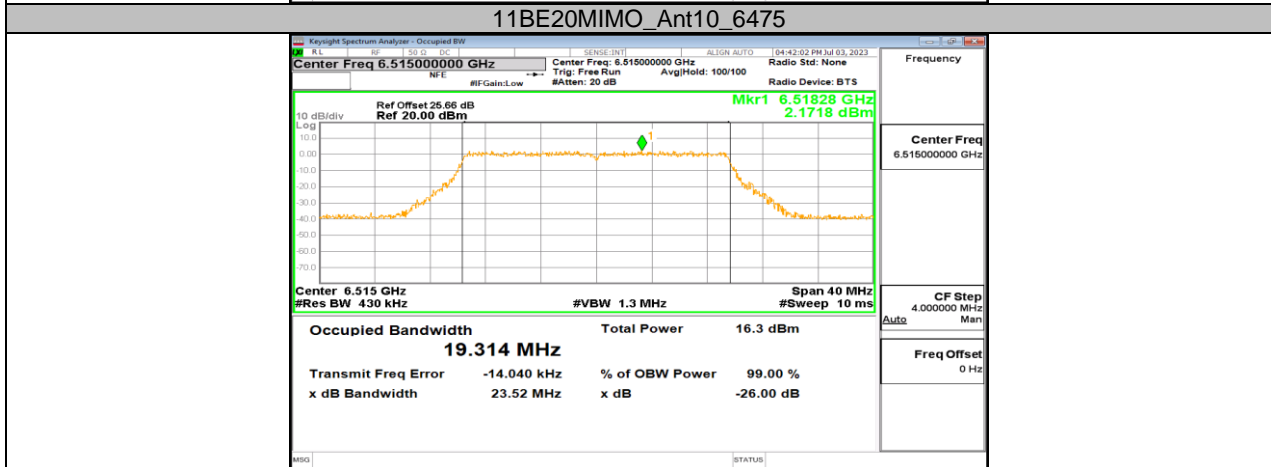
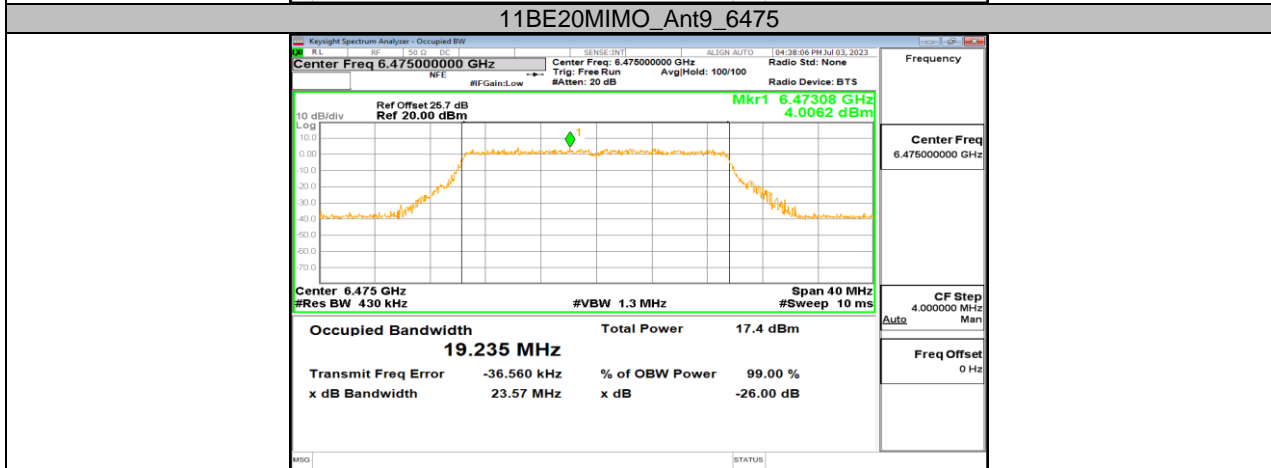
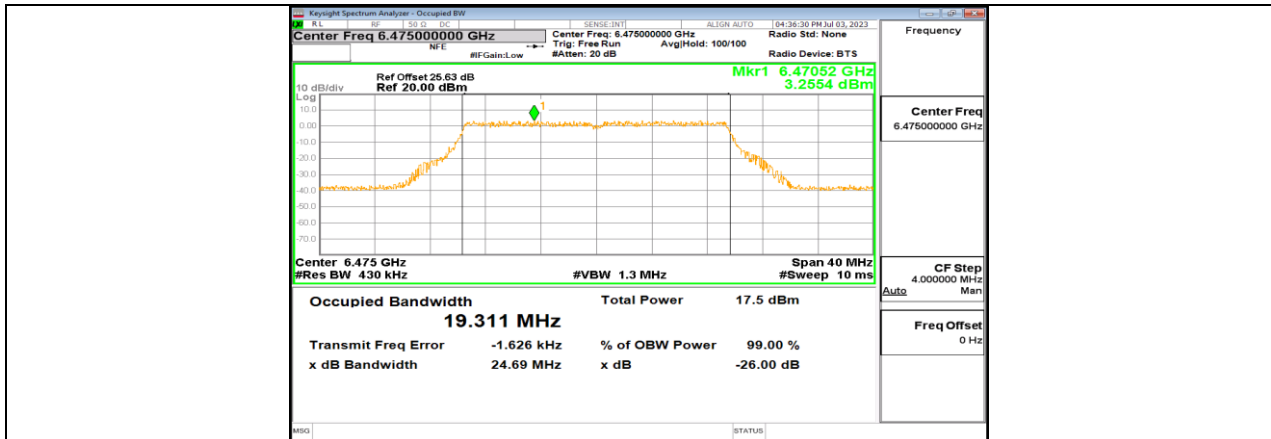




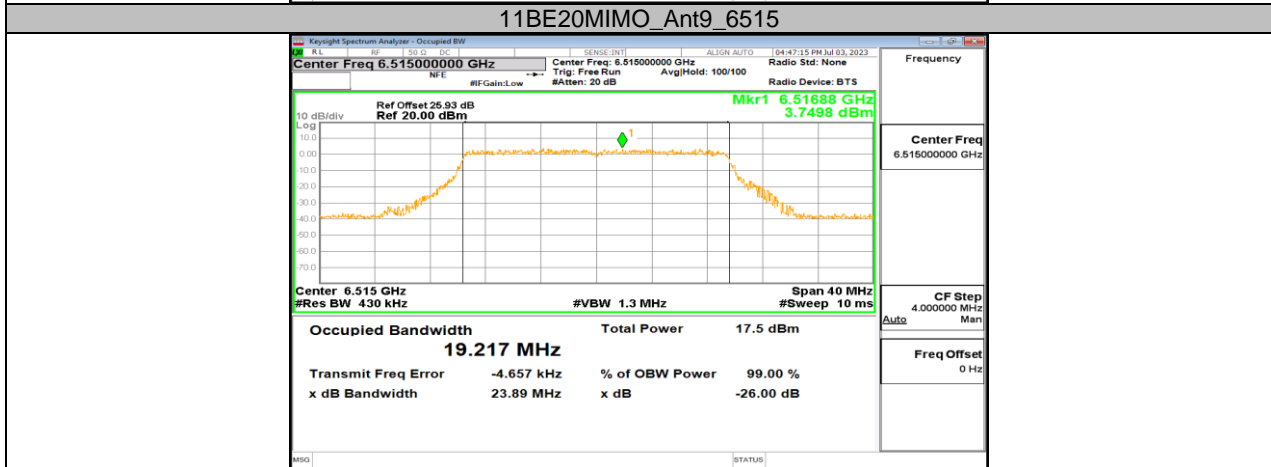
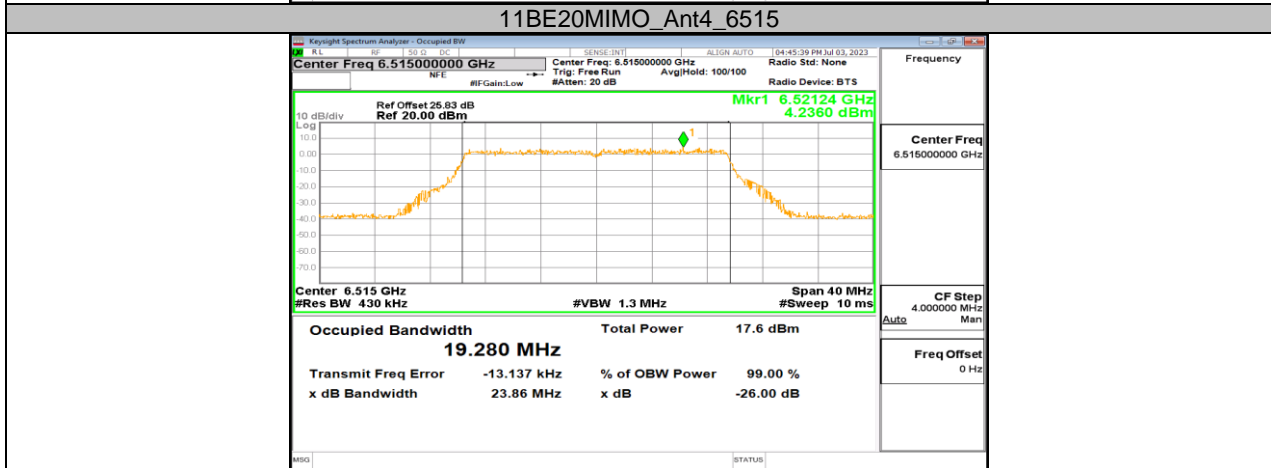
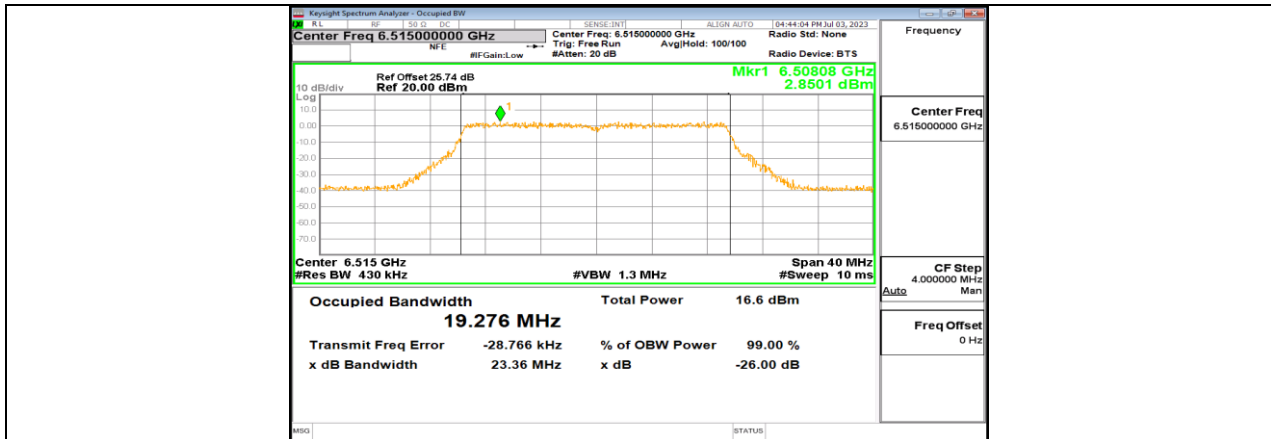


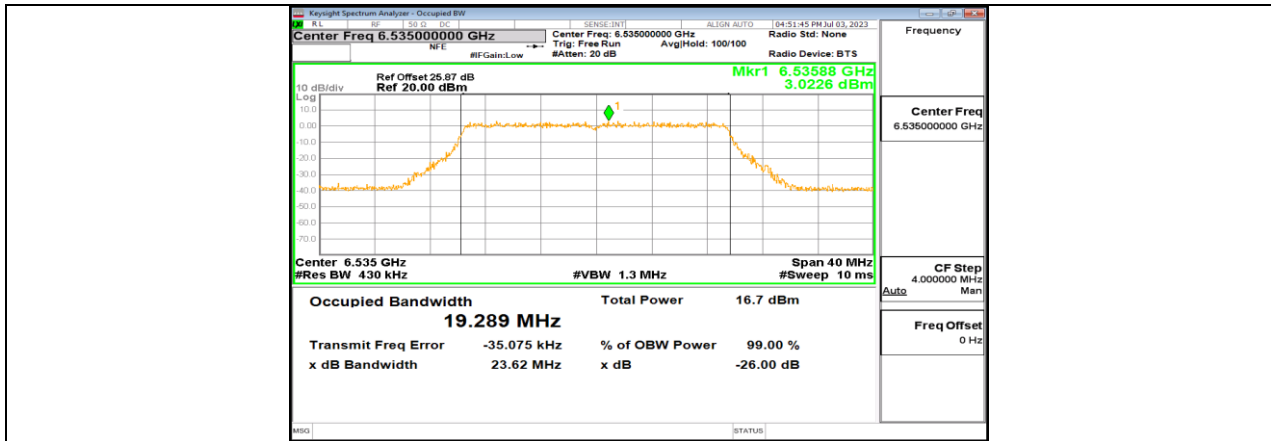


**11BE20MIMO\_Ant4\_6475**

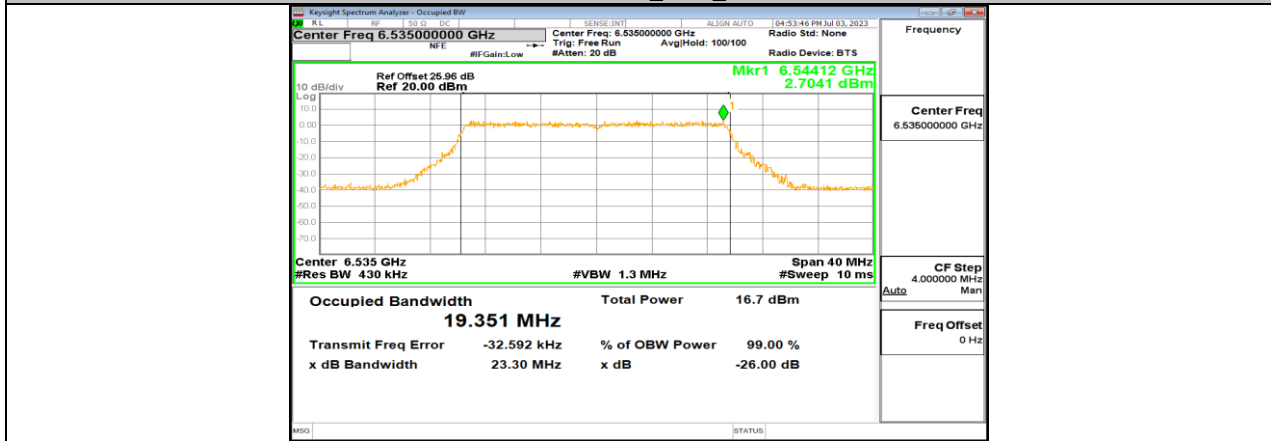


**11BE20MIMO\_Ant3\_6515**

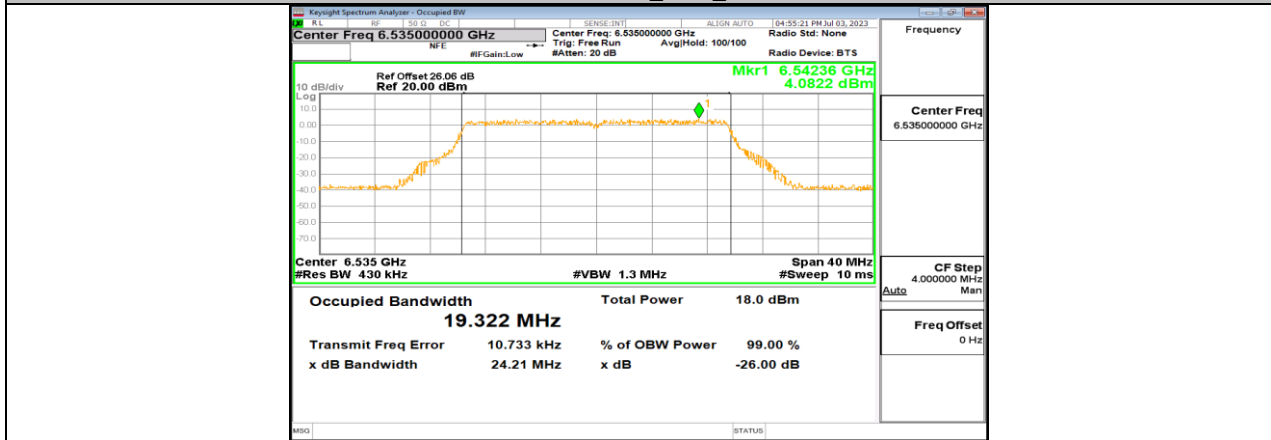




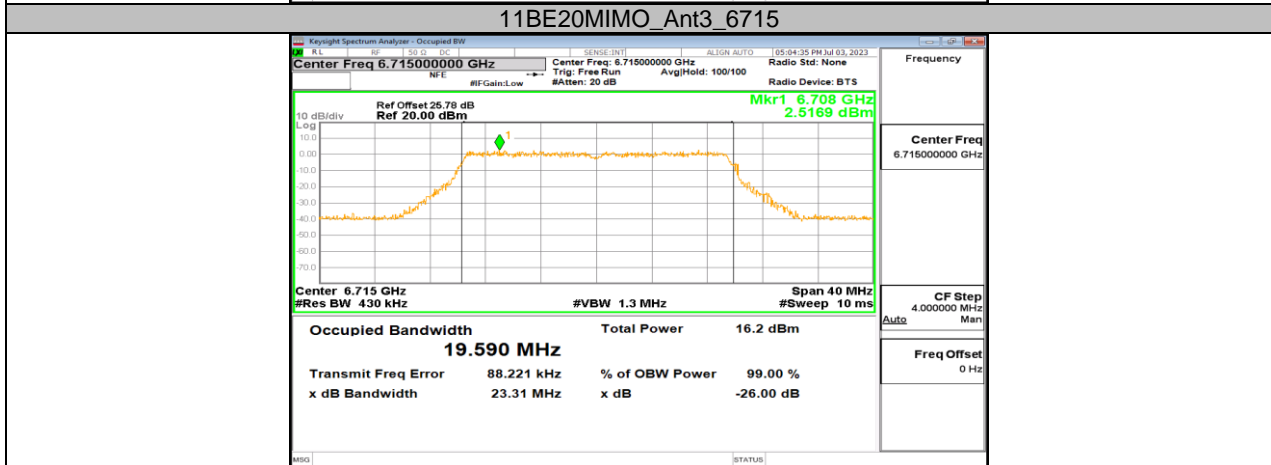
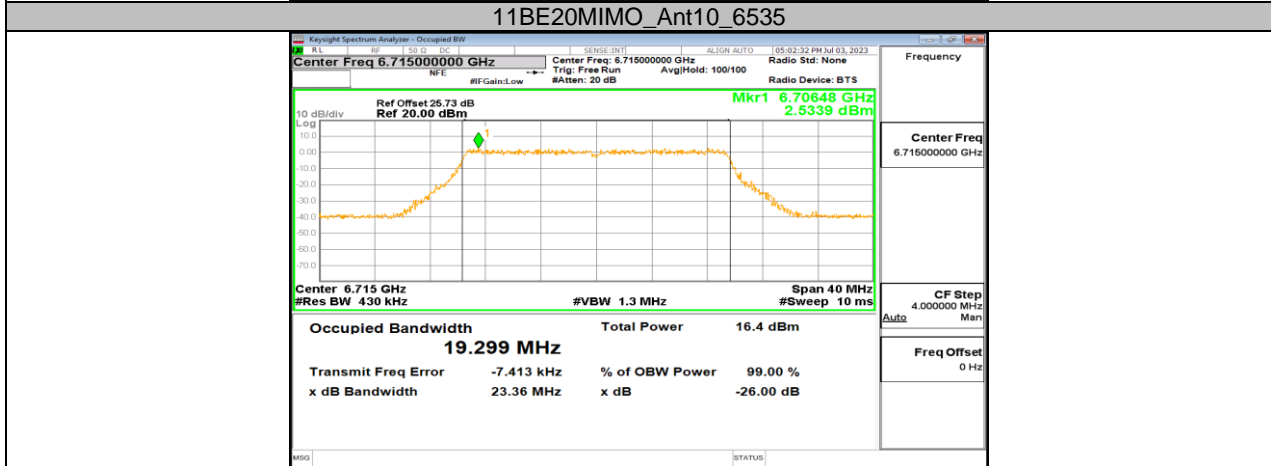
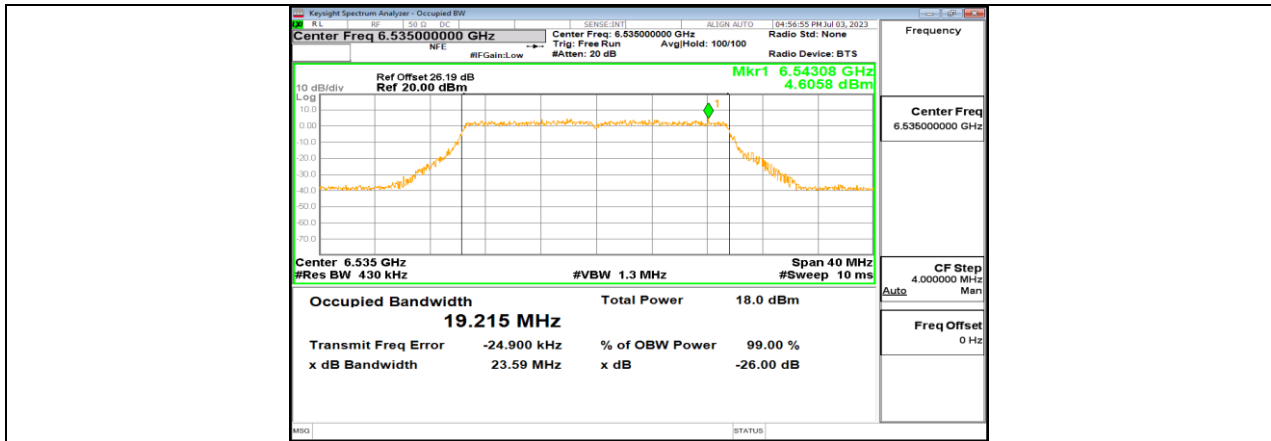
11BE20MIMO\_Ant3\_6535



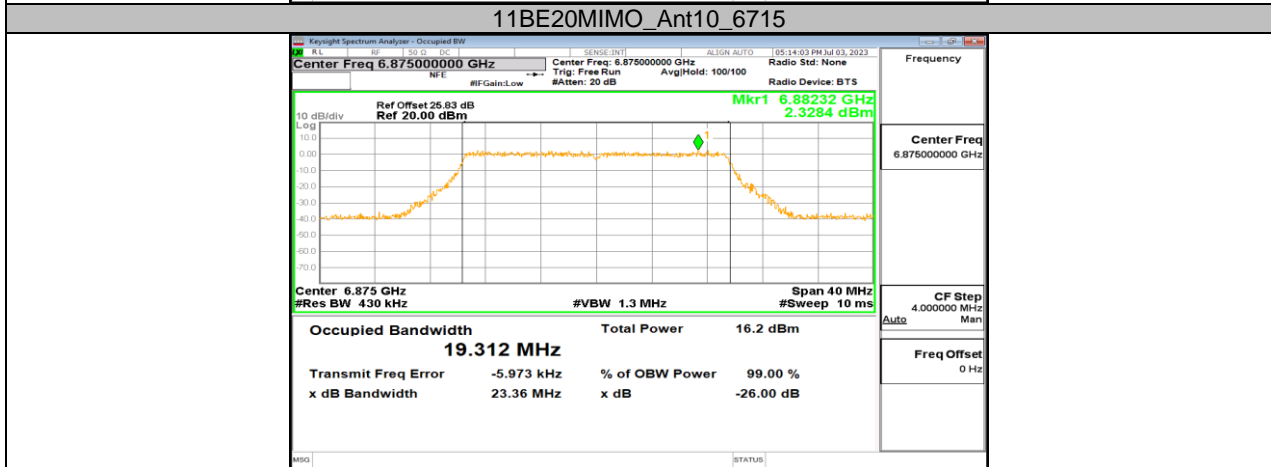
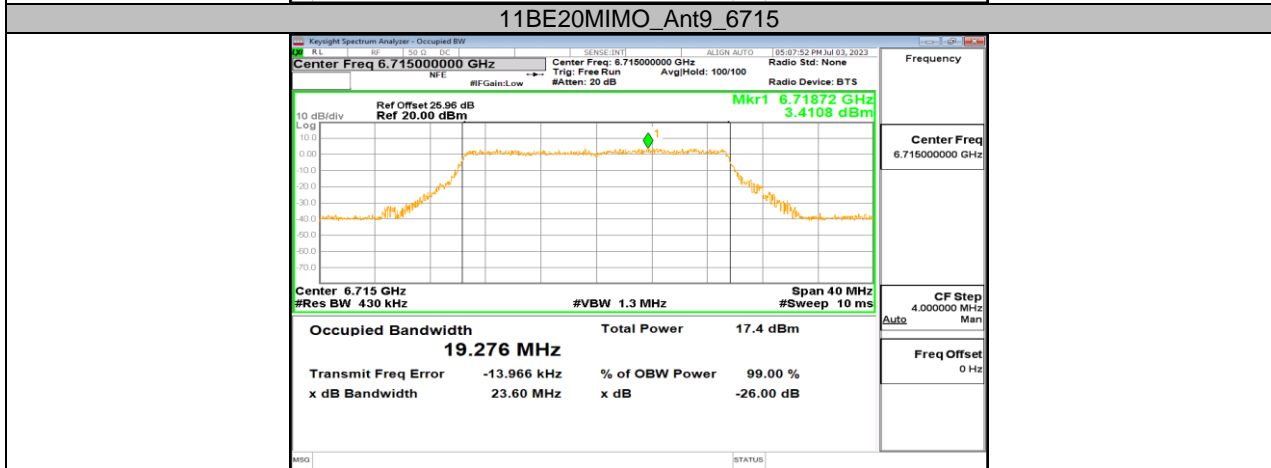
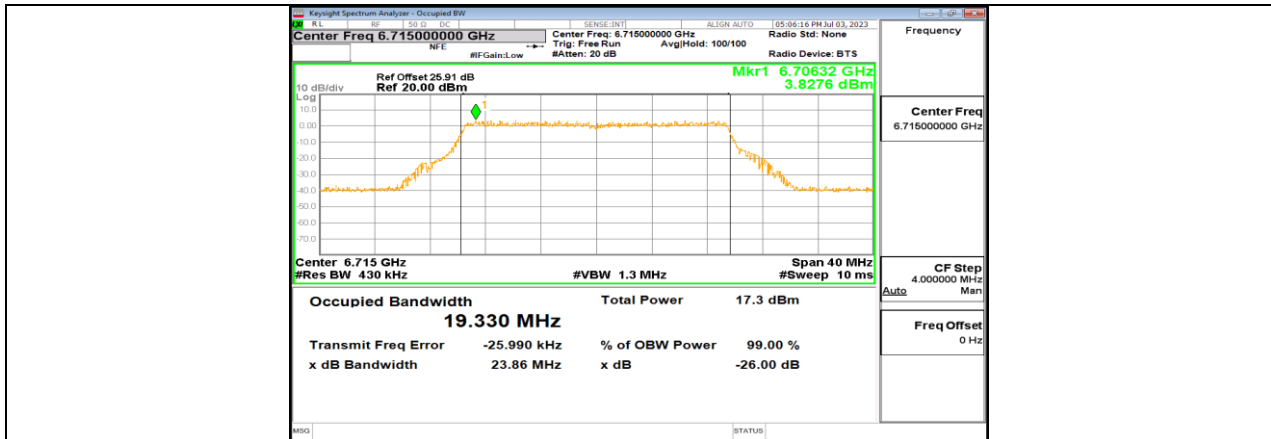
11BE20MIMO\_Ant4\_6535



11BE20MIMO\_Ant9\_6535

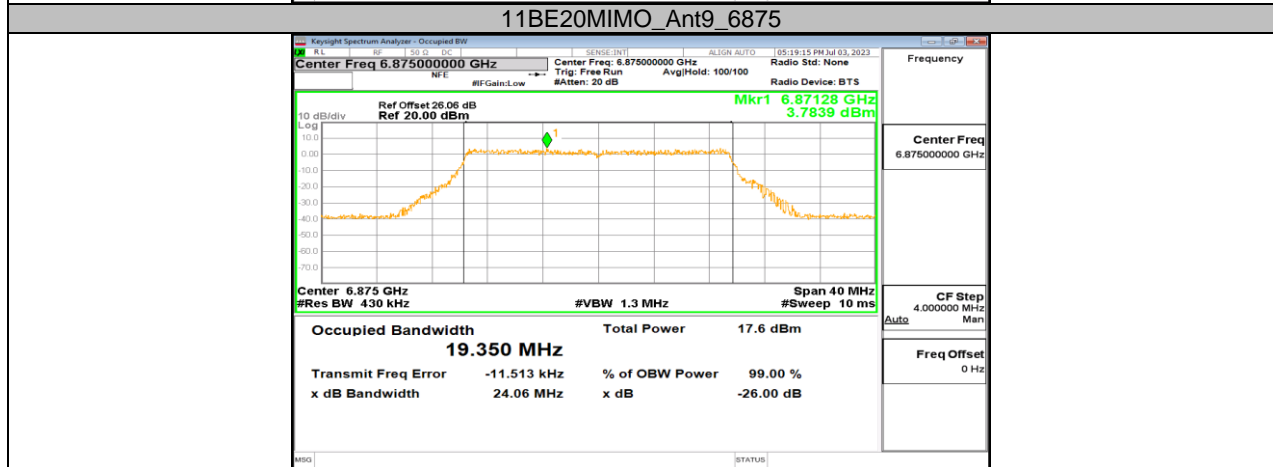
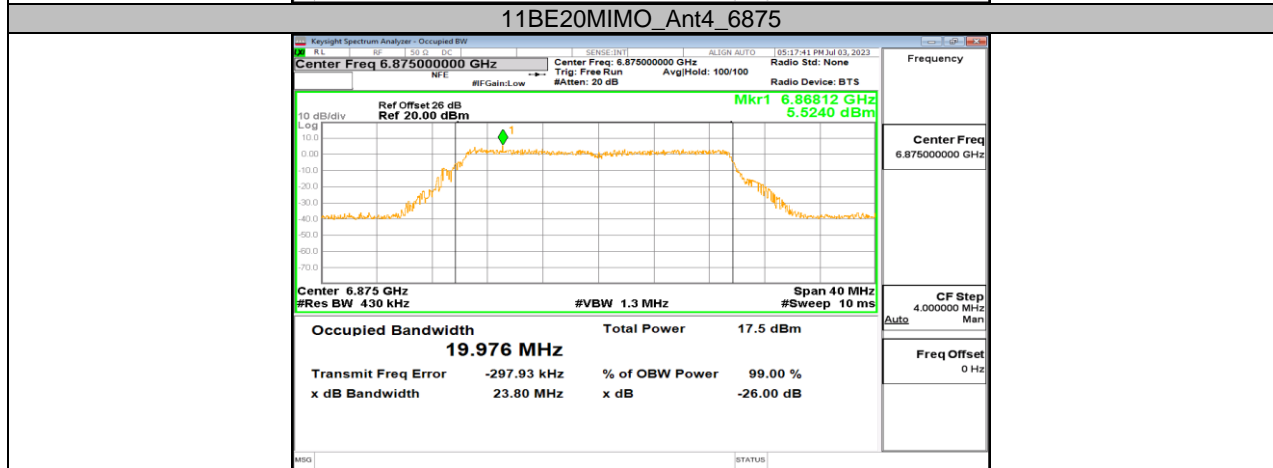
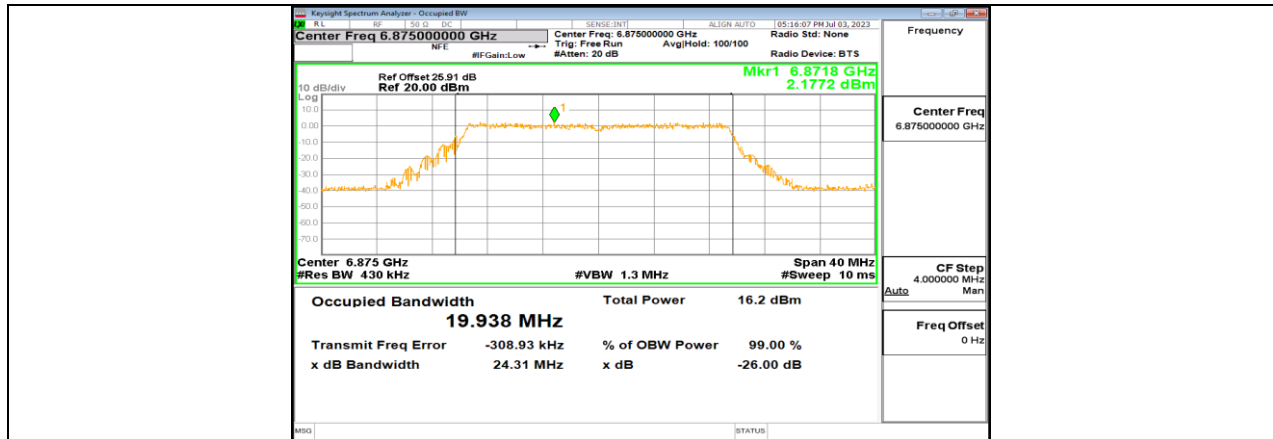


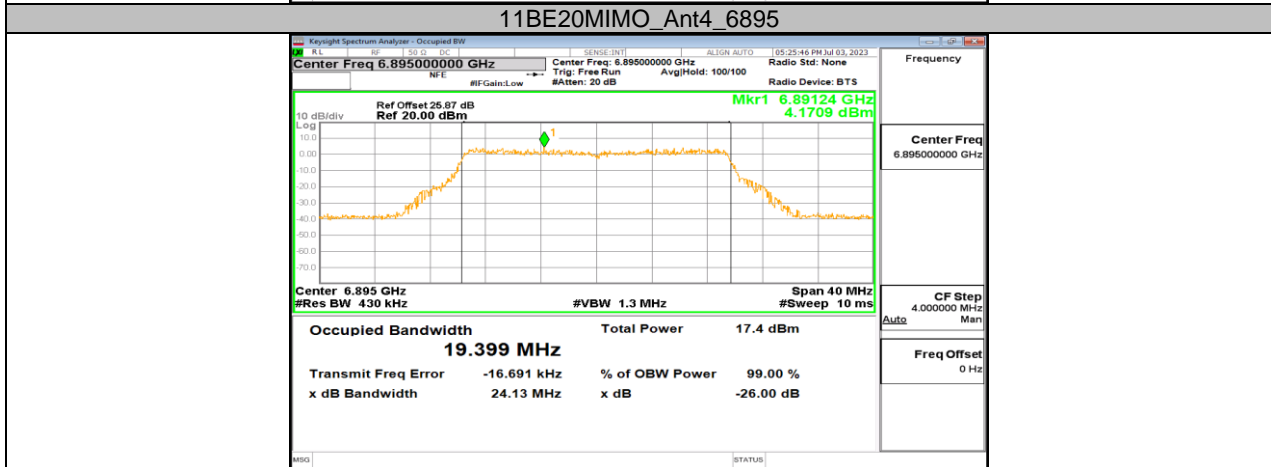
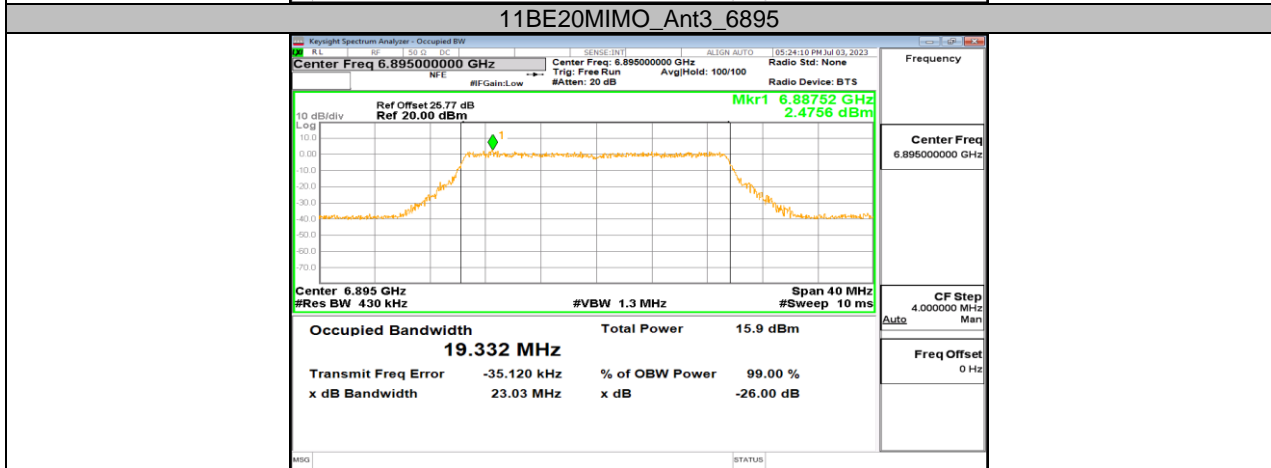
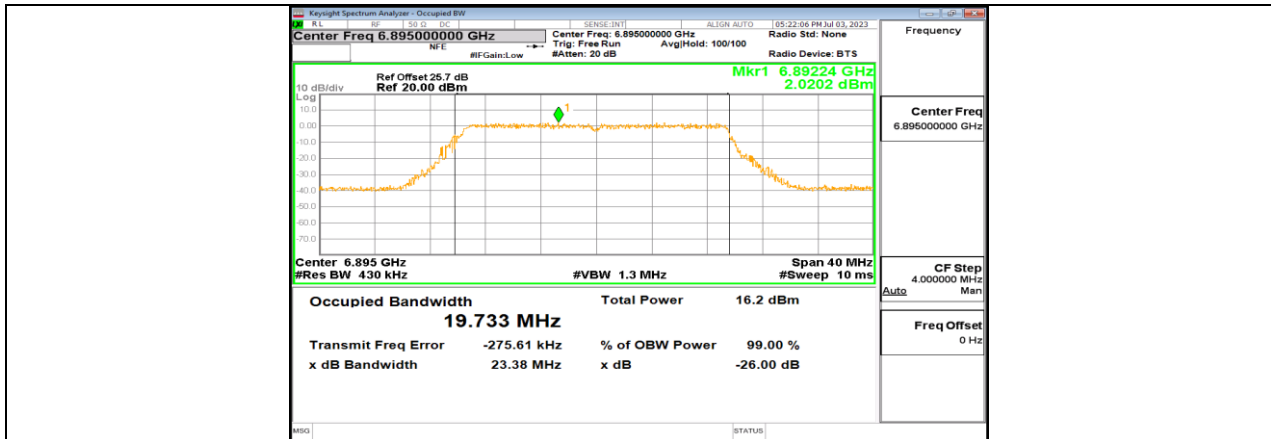
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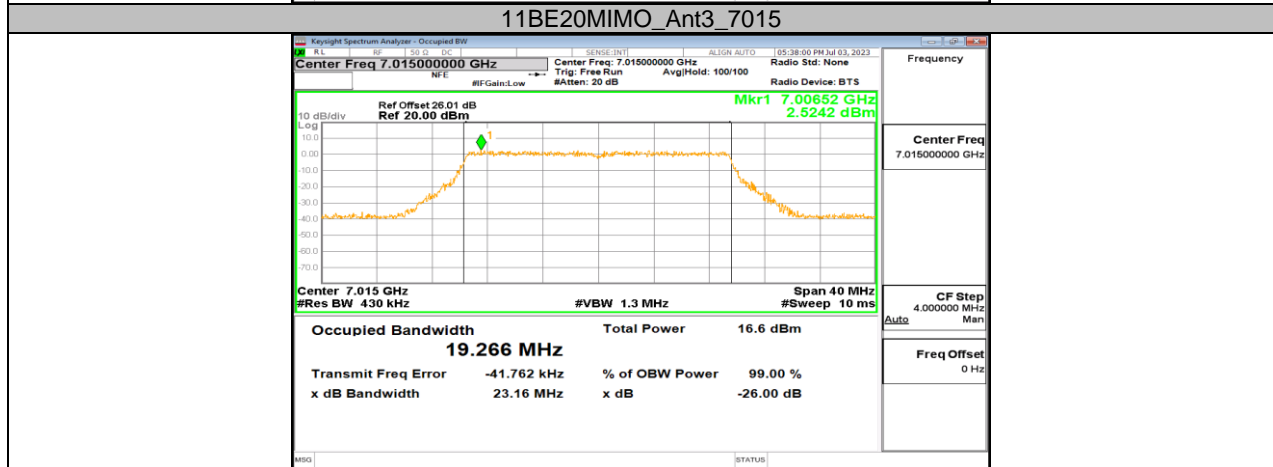
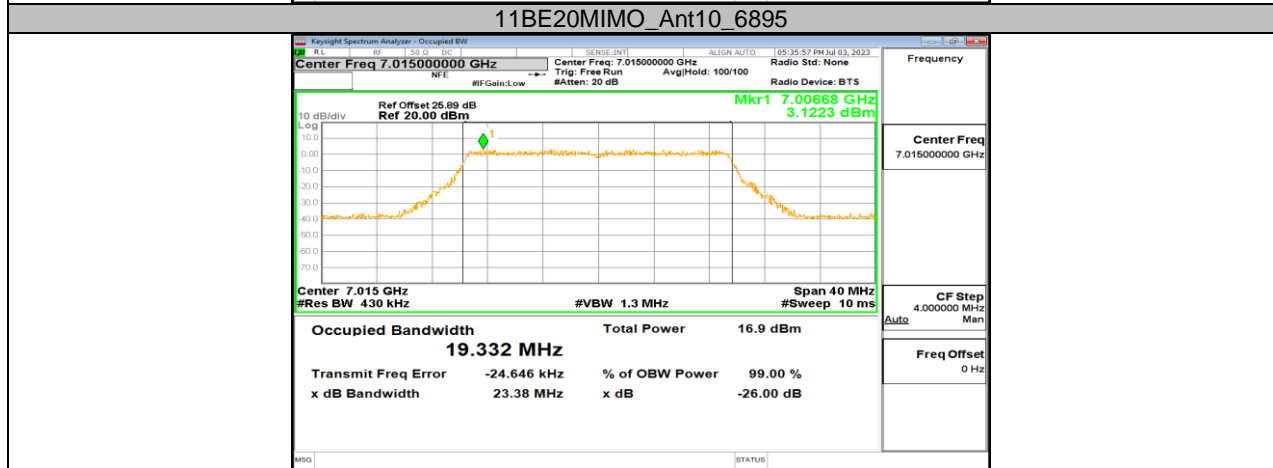
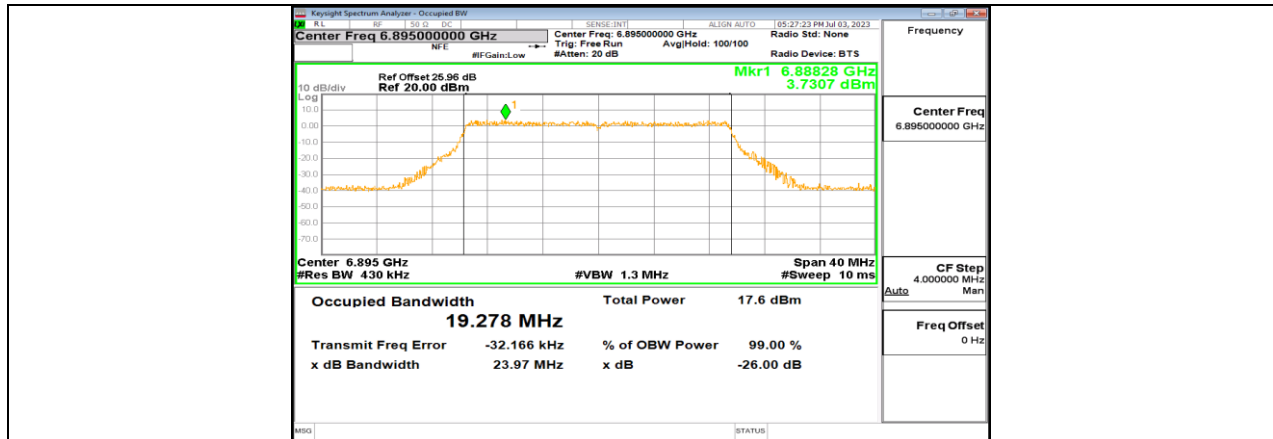


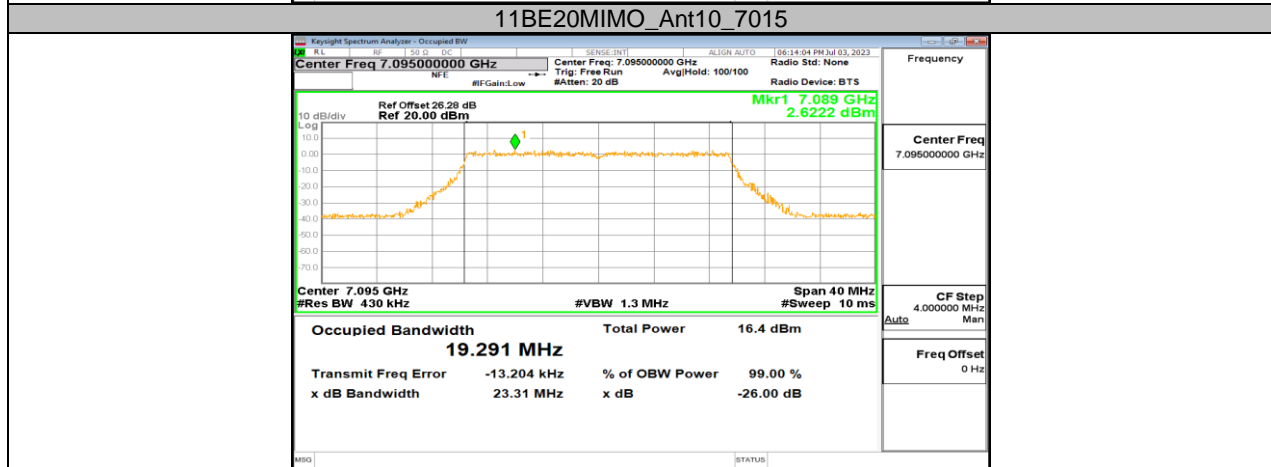
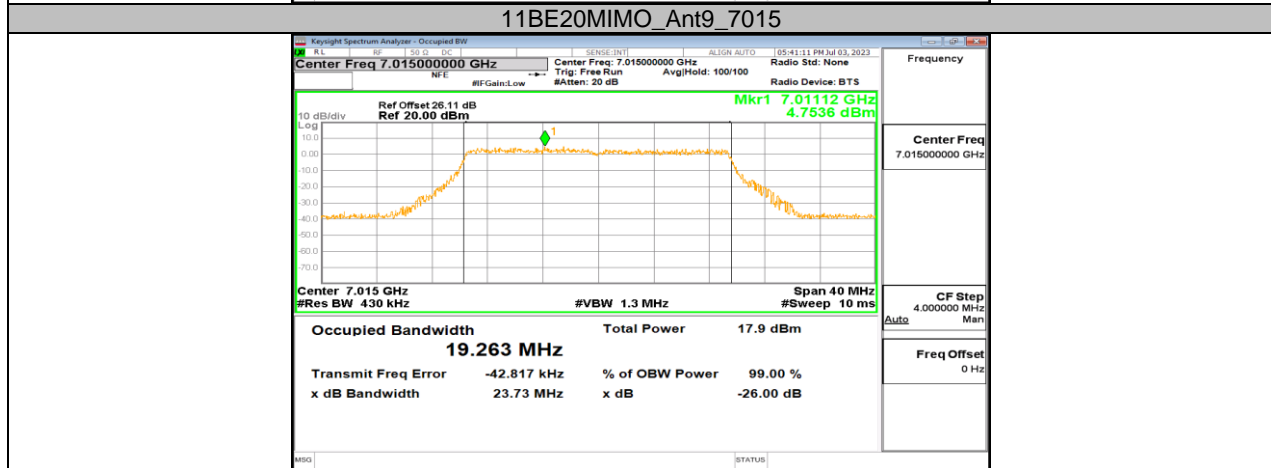
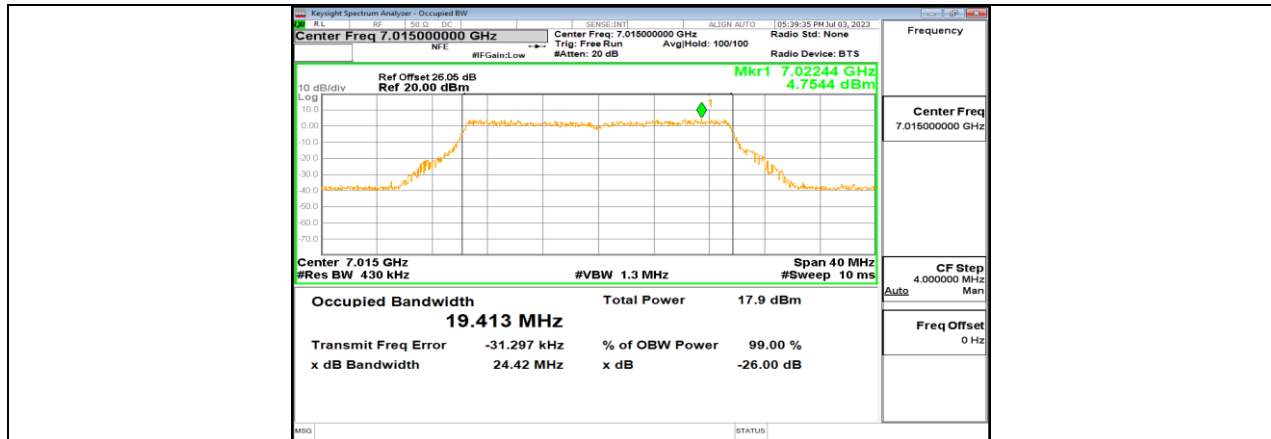
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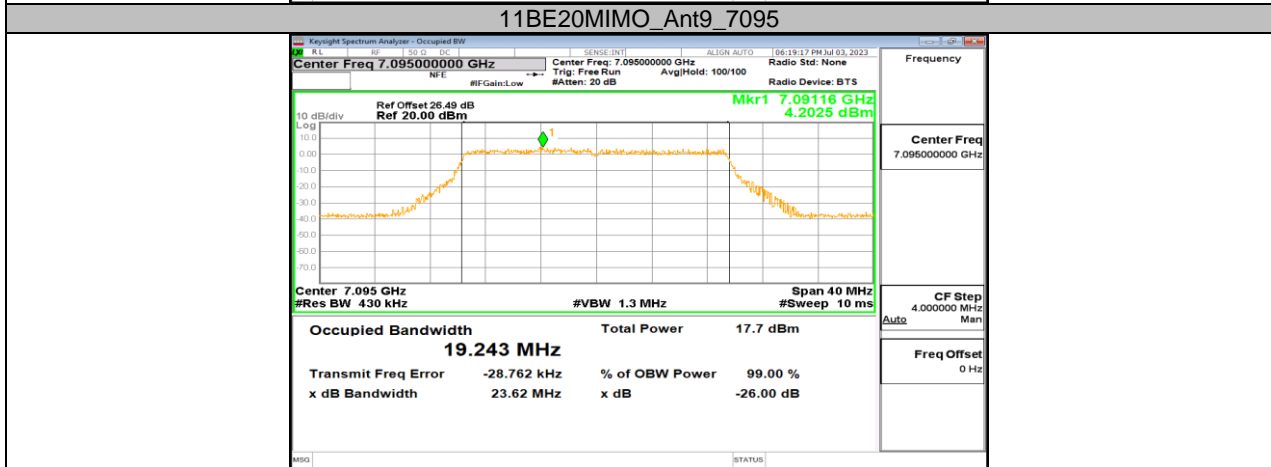
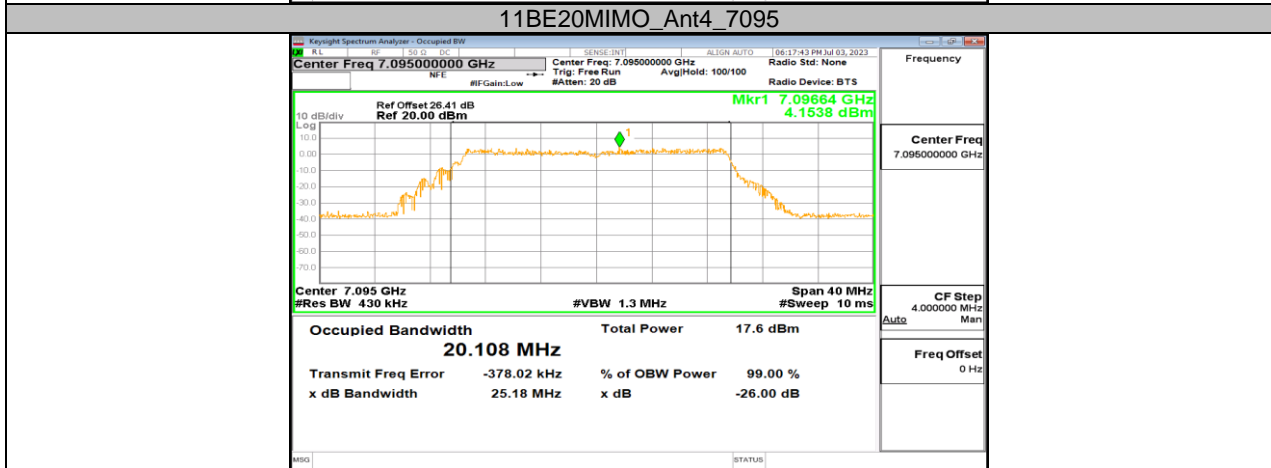
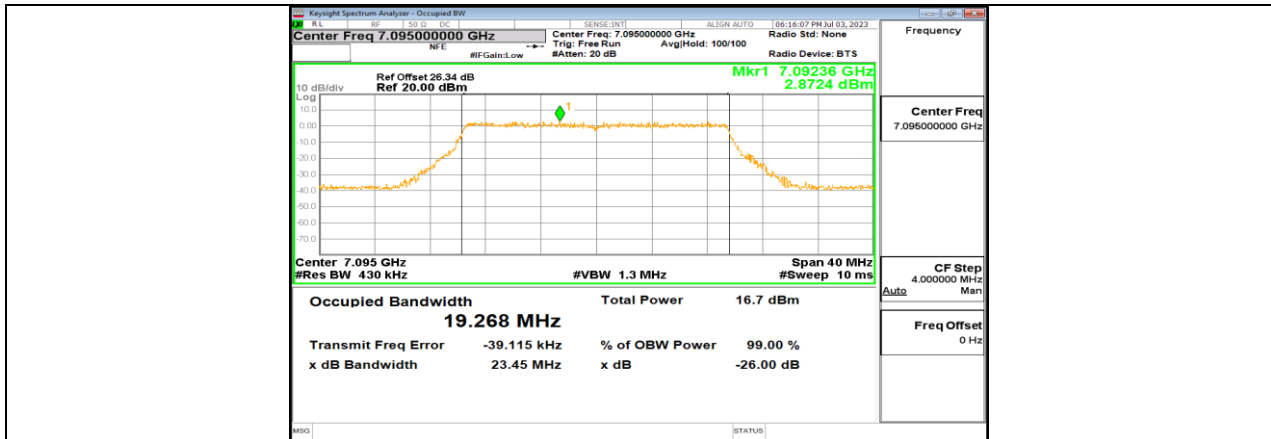


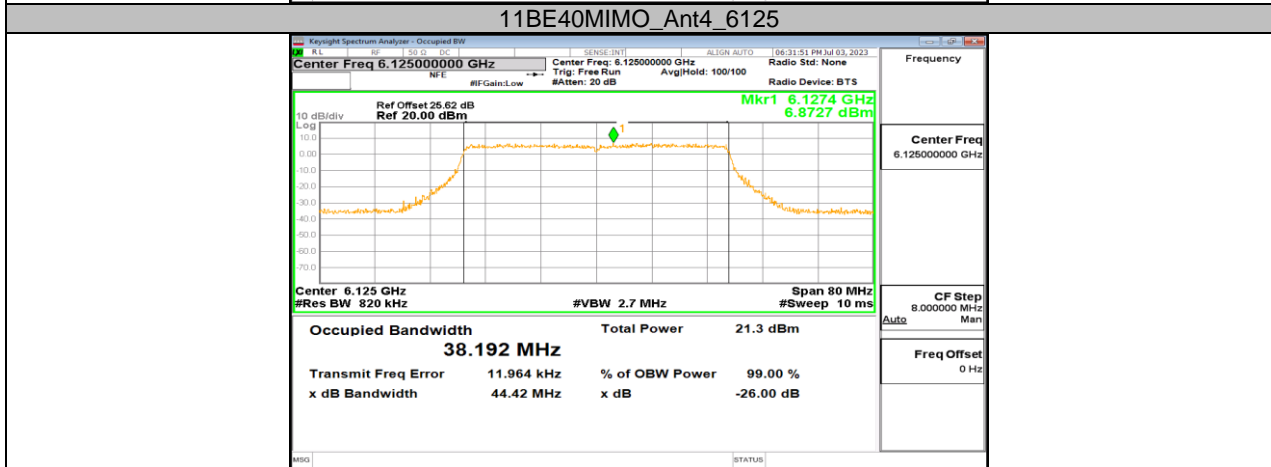
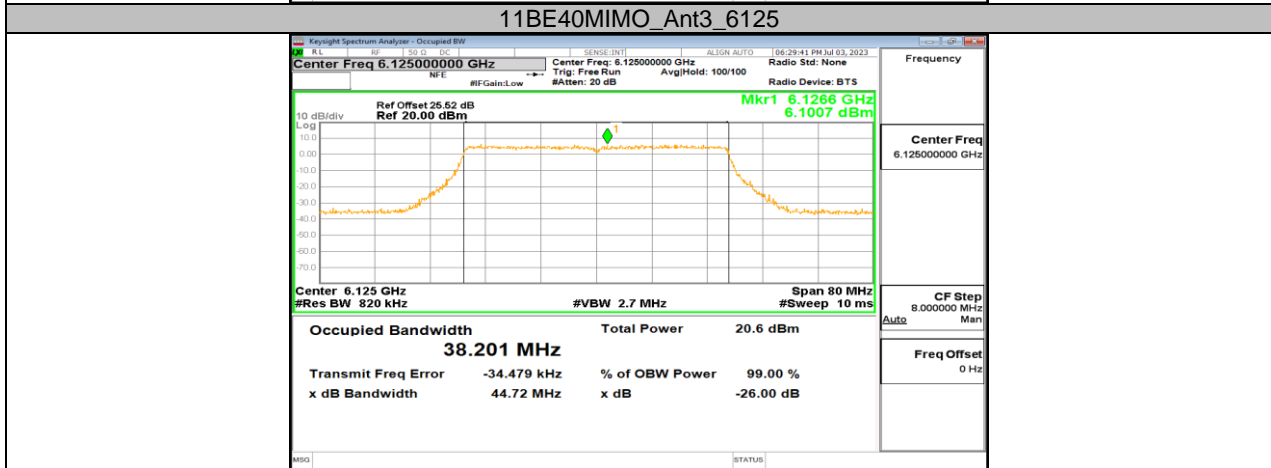
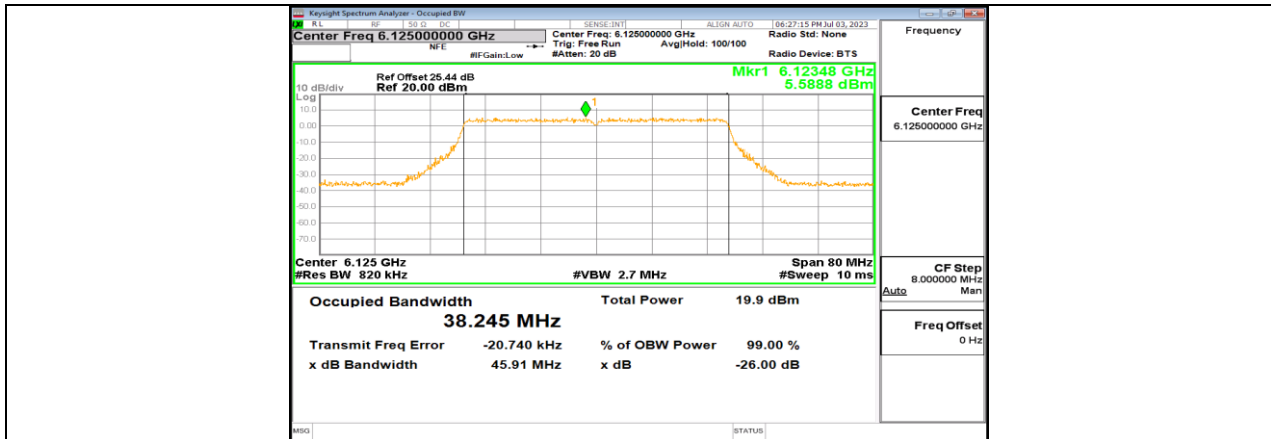


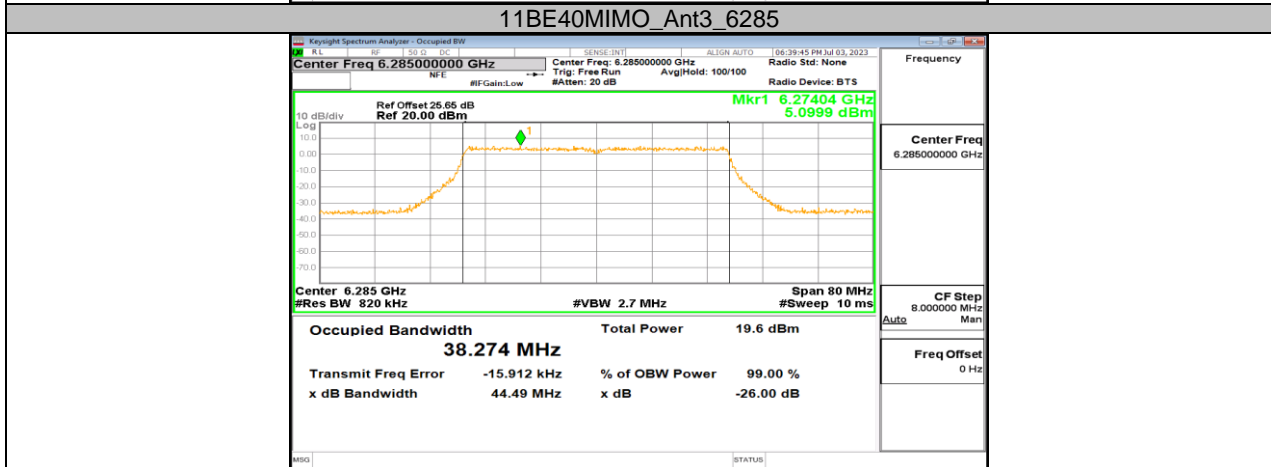
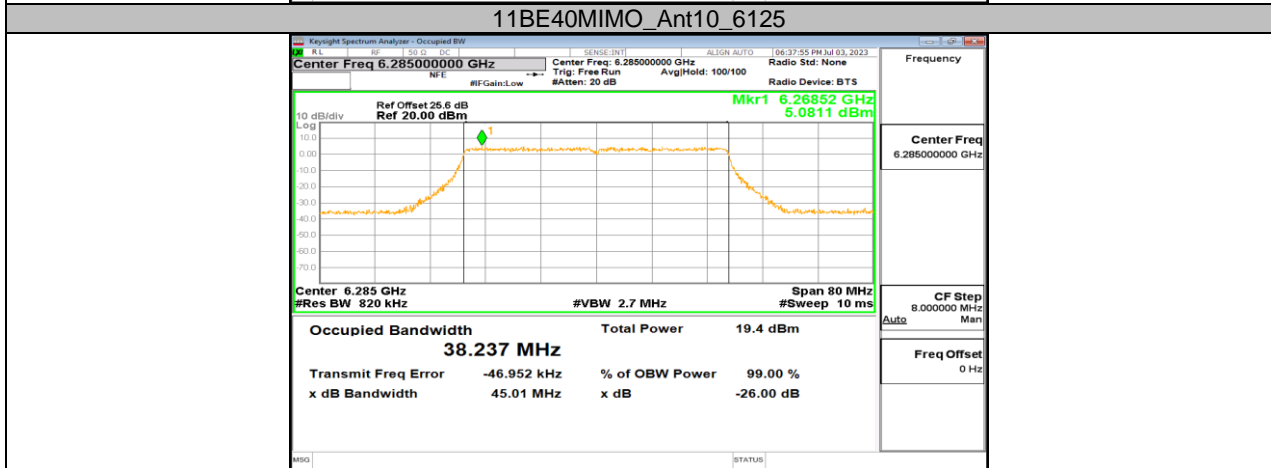
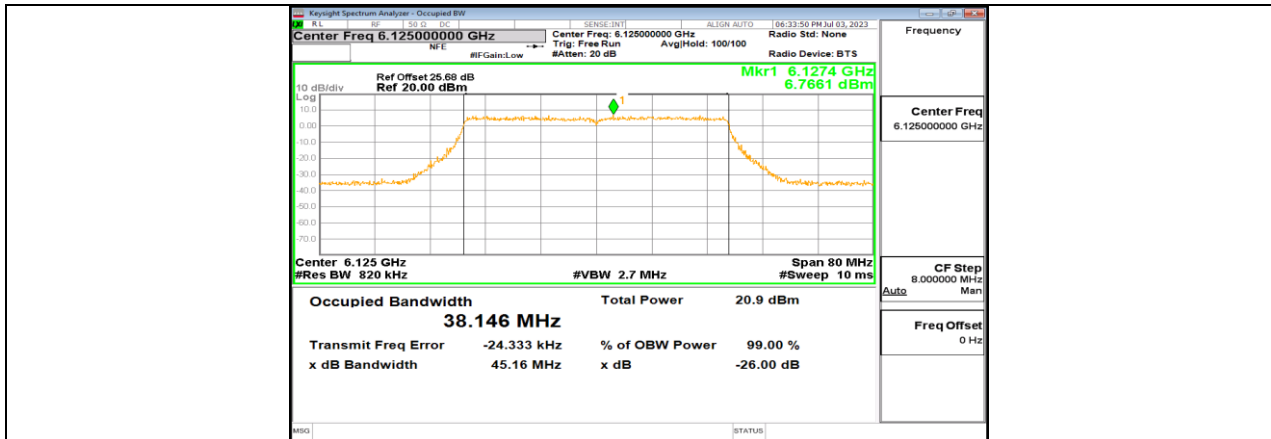




**11BE20MIMO\_Ant3\_7095**







**11BE40MIMO\_Ant4\_6285**



