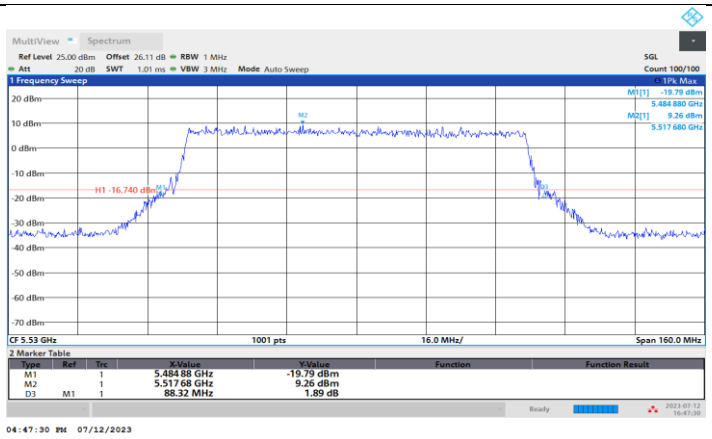
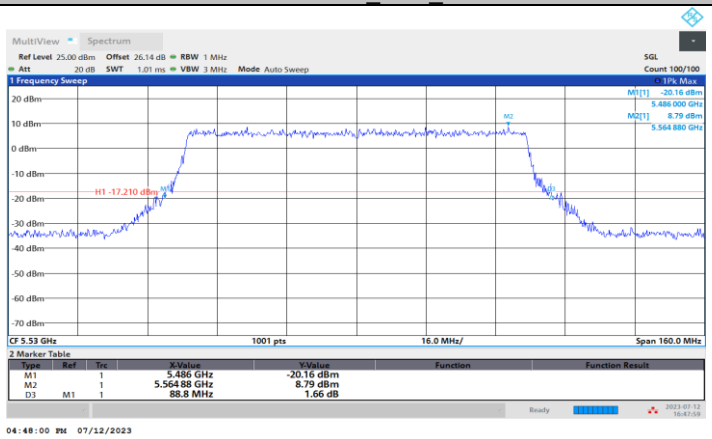


11BE80MIMO_Ant2_5530



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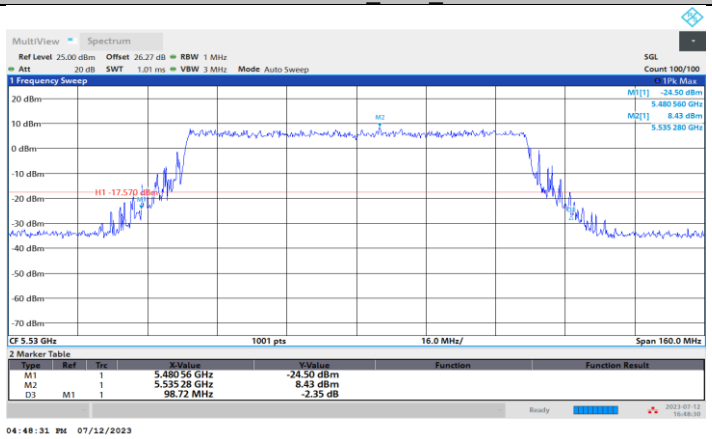

11BE80MIMO_Ant4_5530

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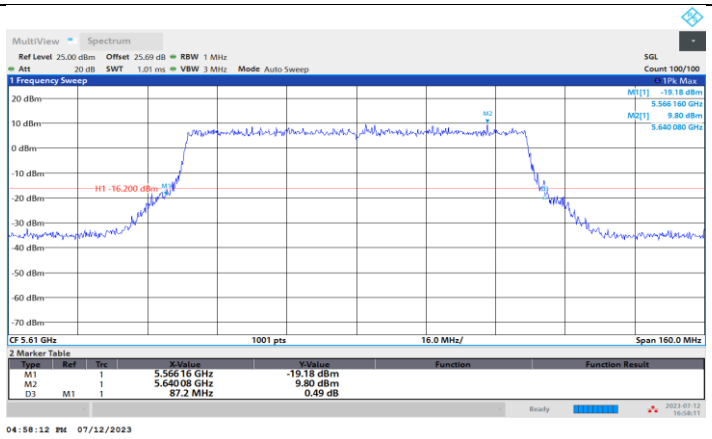
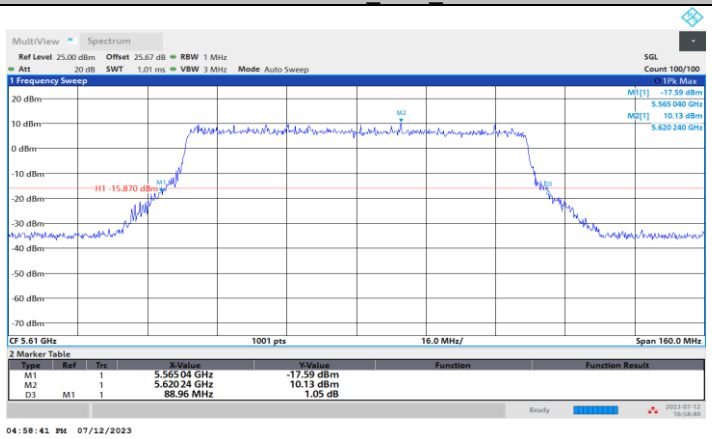
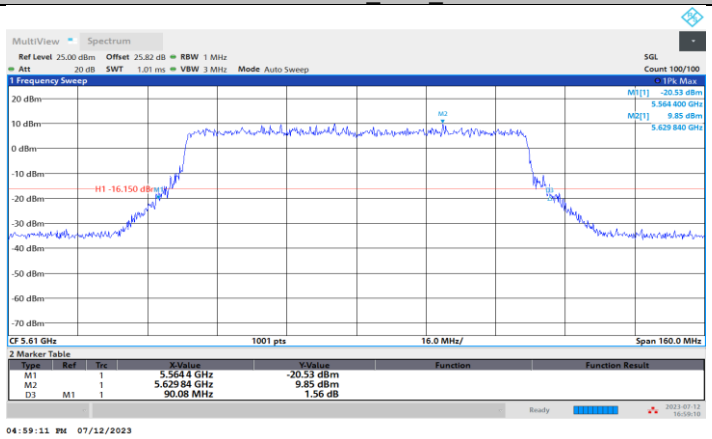


11BE80MIMO_Ant1_5610



11BE80MIMO_Ant2_5610



11BE80MIMO_Ant3_5610

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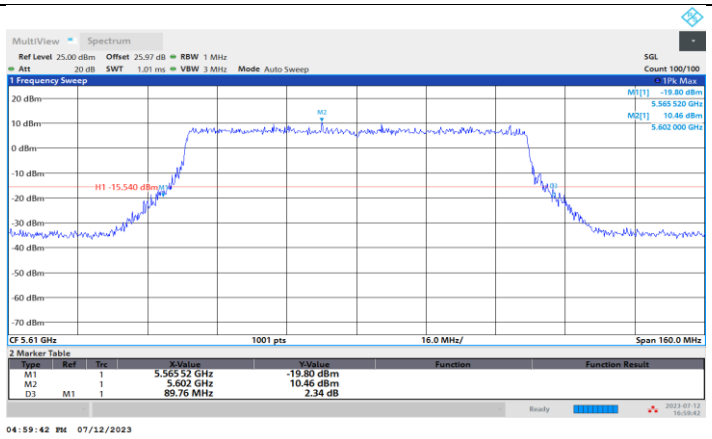

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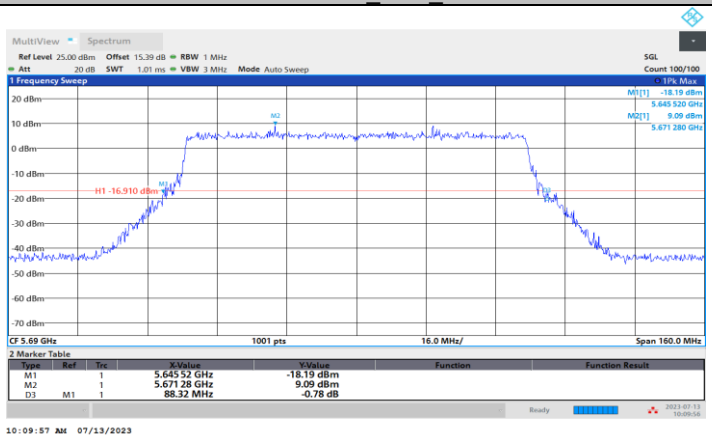

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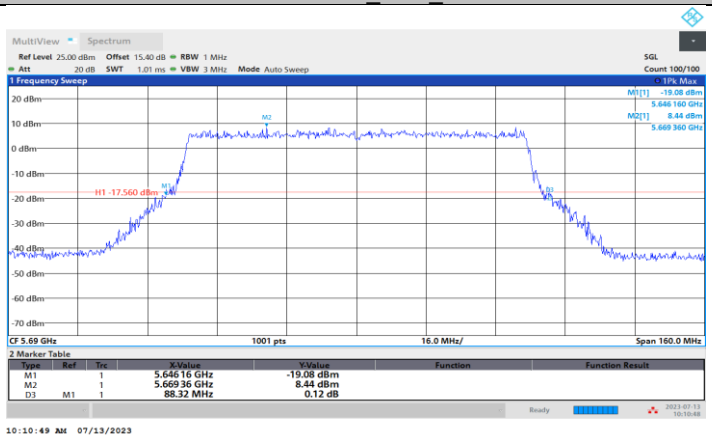

11BE80MIMO_Ant2_5690

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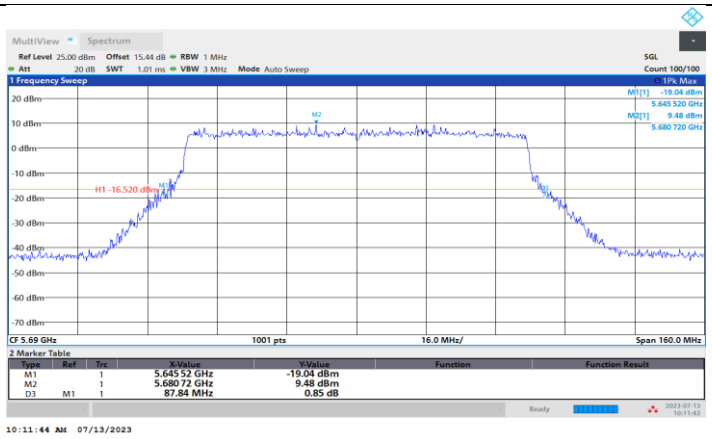

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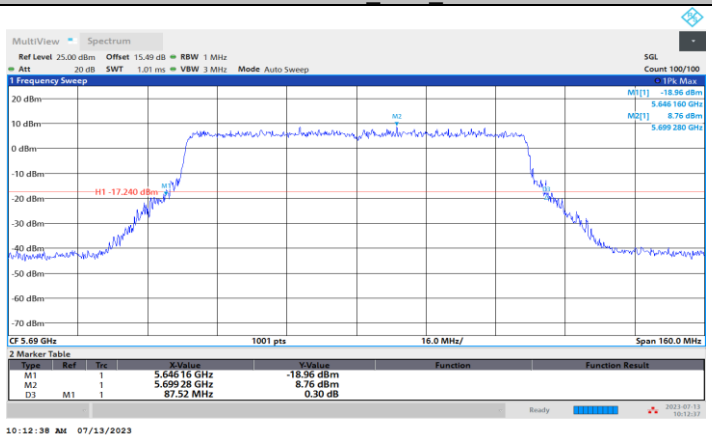

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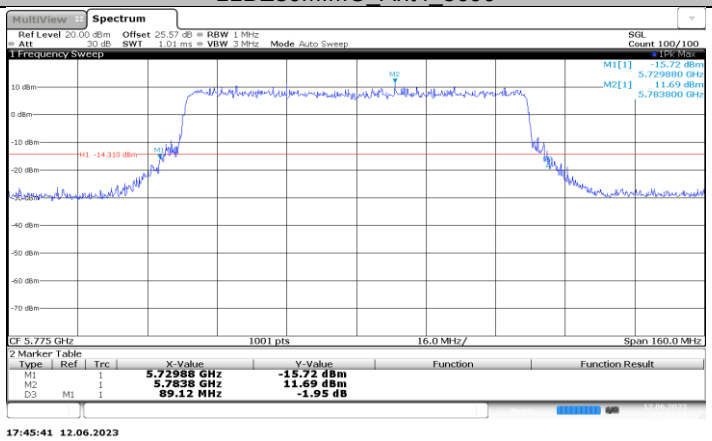

11BE80MIMO_Ant1_5775

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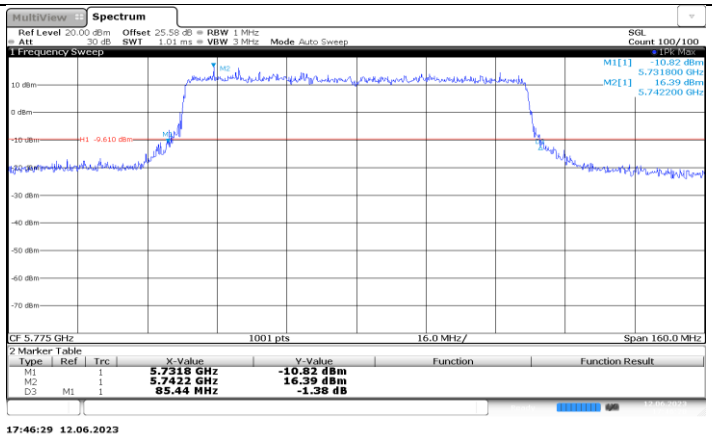
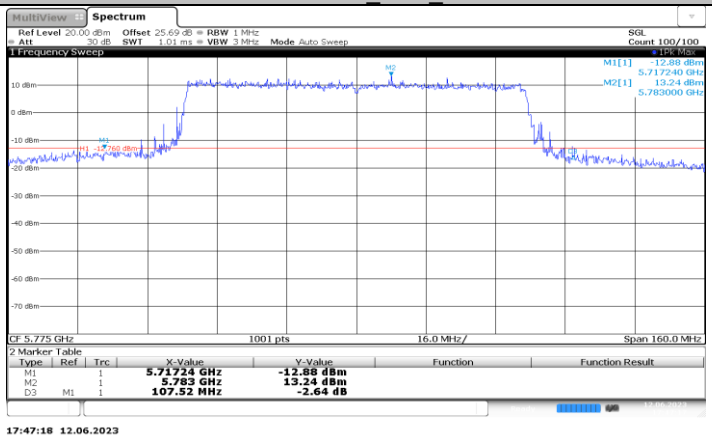
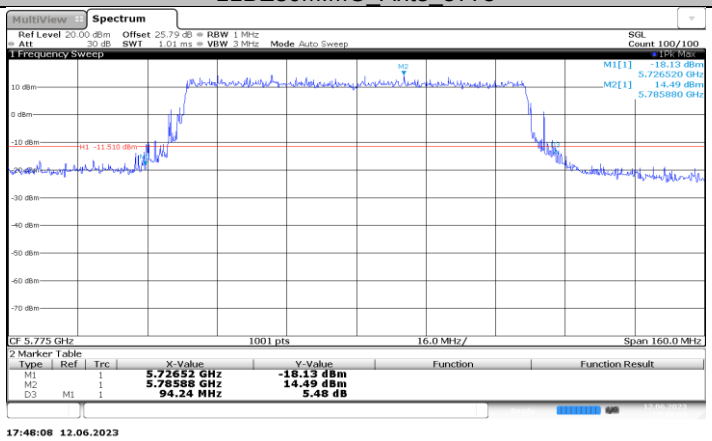


11BE80MIMO_Ant2_5775



11BE80MIMO_Ant3_5775



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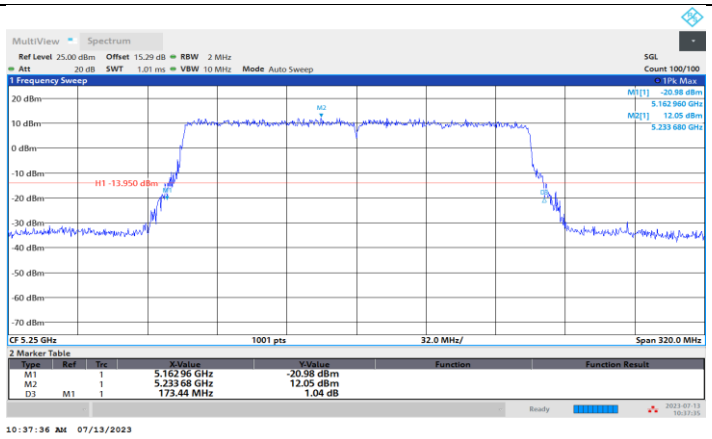
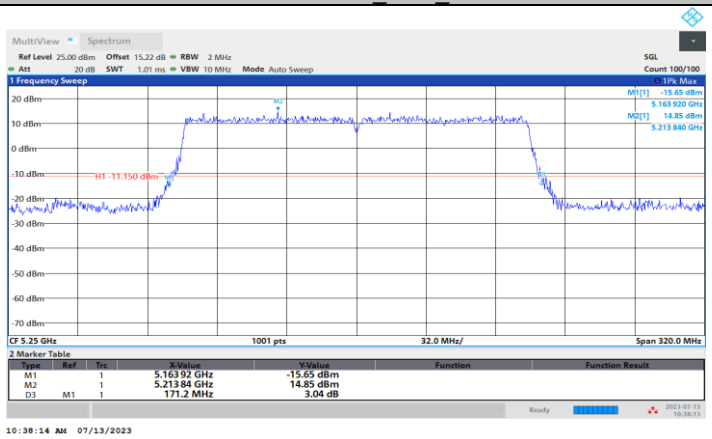
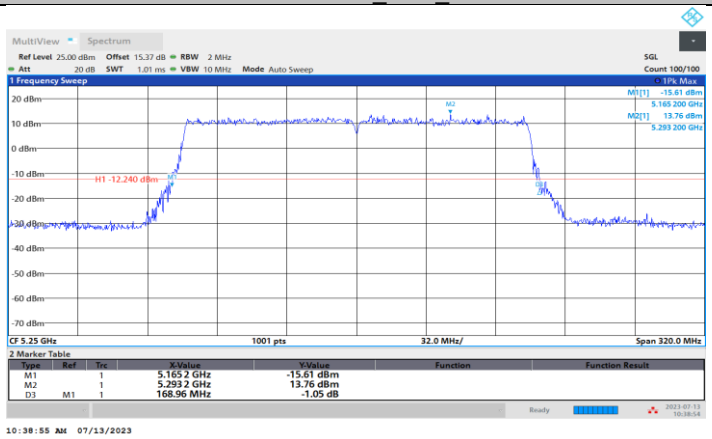


11BE160MIMO_Ant1_5250



11BE160MIMO_Ant2_5250



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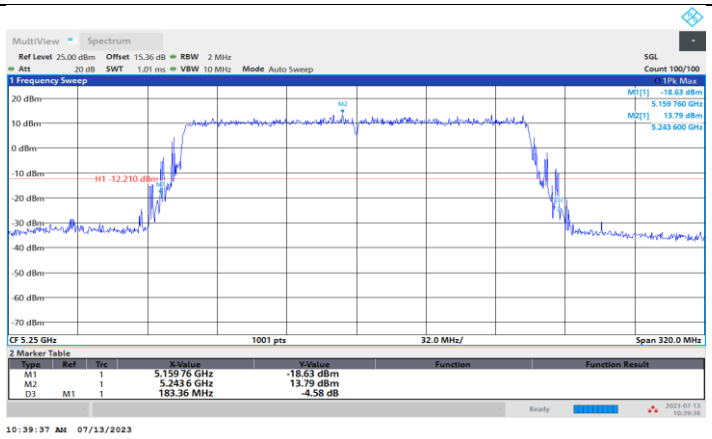

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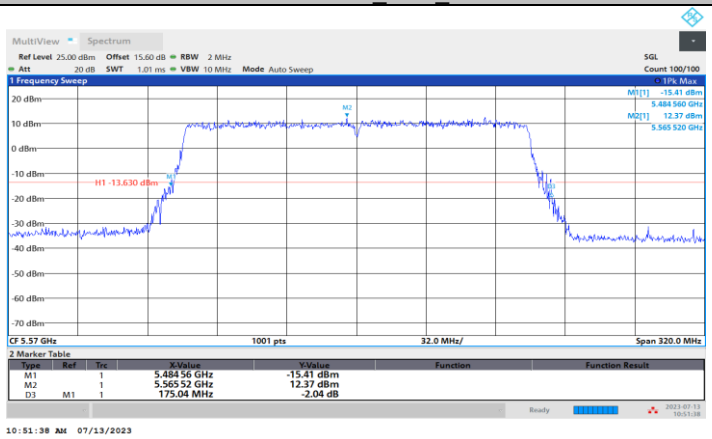

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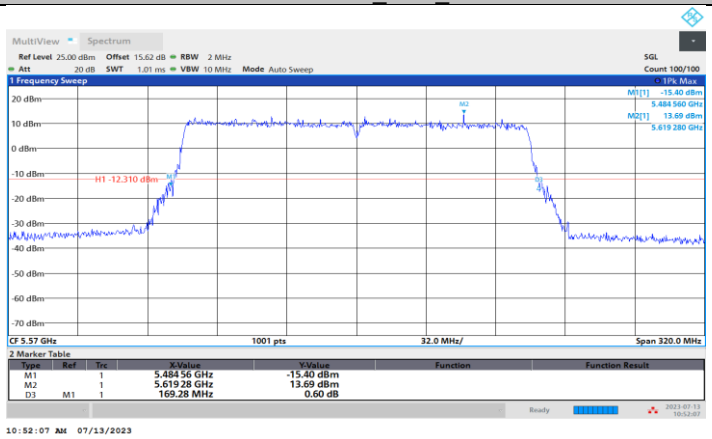

11BE160MIMO_Ant2_5570

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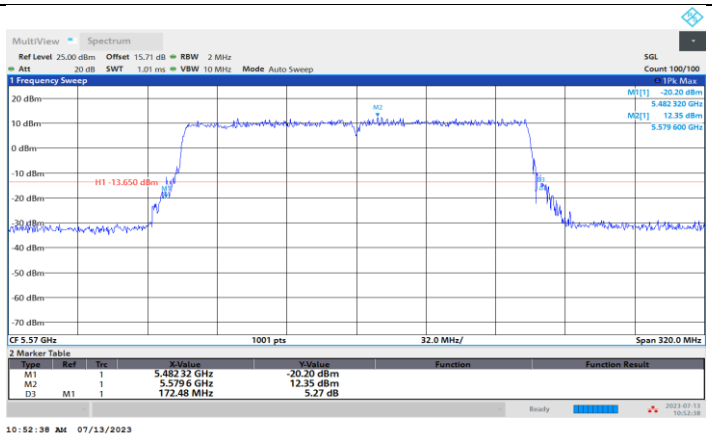

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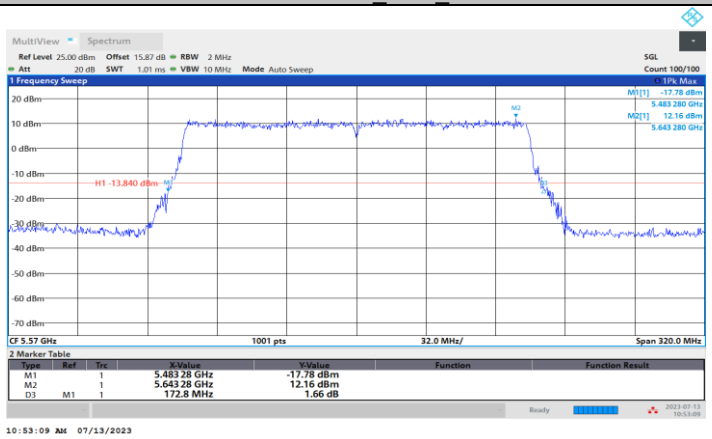

11BE160MIMO_Ant4_5570

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11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-CDD	Ant1	5180	17.369	5171.2629	5188.6319	PASS
	Ant2	5180	17.278	5171.3436	5188.6216	PASS
	Ant3	5180	17.259	5171.3813	5188.6403	PASS
	Ant4	5180	17.207	5171.3956	5188.6026	PASS
	Ant1	5200	17.292	5191.3215	5208.6135	PASS
	Ant2	5200	17.235	5191.4074	5208.6424	PASS
	Ant3	5200	17.233	5191.3962	5208.6292	PASS
	Ant4	5200	17.198	5191.4085	5208.6065	PASS
	Ant1	5240	17.295	5231.3450	5248.6400	PASS
	Ant2	5240	17.261	5231.3574	5248.6184	PASS
	Ant3	5240	17.233	5231.3796	5248.6126	PASS
	Ant4	5240	17.204	5231.3934	5248.5974	PASS
	Ant1	5260	17.323	5251.3047	5268.6277	PASS
	Ant2	5260	17.288	5251.3512	5268.6392	PASS
	Ant3	5260	17.224	5251.4019	5268.6259	PASS
	Ant4	5260	17.163	5251.4144	5268.5774	PASS
	Ant1	5280	17.367	5271.2611	5288.6281	PASS
	Ant2	5280	17.309	5271.3457	5288.6547	PASS
	Ant3	5280	17.286	5271.3503	5288.6363	PASS
	Ant4	5280	17.204	5271.3800	5288.5840	PASS
	Ant1	5320	17.334	5311.2775	5328.6115	PASS
	Ant2	5320	17.279	5311.3807	5328.6597	PASS
	Ant3	5320	17.283	5311.3670	5328.6500	PASS
	Ant4	5320	17.259	5311.3617	5328.6207	PASS
	Ant1	5500	17.324	5491.3028	5508.6268	PASS
	Ant2	5500	17.281	5491.3322	5508.6132	PASS
	Ant3	5500	17.262	5491.3553	5508.6173	PASS
	Ant4	5500	17.190	5491.3784	5508.5684	PASS
	Ant1	5580	17.304	5571.3151	5588.6191	PASS
	Ant2	5580	17.277	5571.3588	5588.6358	PASS
	Ant3	5580	17.237	5571.3975	5588.6345	PASS
	Ant4	5580	17.186	5571.4133	5588.5993	PASS
	Ant1	5700	17.321	5691.3074	5708.6284	PASS
	Ant2	5700	17.278	5691.3439	5708.6219	PASS
	Ant3	5700	17.250	5691.3739	5708.6239	PASS
	Ant4	5700	17.236	5691.3535	5708.5895	PASS
	Ant1	5720	17.342	5711.2868	5728.6288	PASS
	Ant2	5720	17.269	5711.3654	5728.6344	PASS
	Ant3	5720	17.229	5711.3706	5728.5996	PASS
	Ant4	5720	17.175	5711.3807	5728.5557	PASS
	Ant1	5720_UNII-2C	13.713	5711.2868	5725	PASS
	Ant2	5720_UNII-2C	13.635	5711.3654	5725	PASS
	Ant3	5720_UNII-2C	13.629	5711.3706	5725	PASS
	Ant4	5720_UNII-2C	13.619	5711.3807	5725	PASS
	Ant1	5720_UNII-3	3.629	5725	5728.6288	PASS
	Ant2	5720_UNII-3	3.634	5725	5728.6344	PASS
	Ant3	5720_UNII-3	3.6	5725	5728.5996	PASS
	Ant4	5720_UNII-3	3.556	5725	5728.5557	PASS
	Ant1	5745	17.350	5736.2903	5753.6403	PASS
	Ant2	5745	17.563	5736.2348	5753.7978	PASS
	Ant3	5745	17.448	5736.2712	5753.7192	PASS
	Ant4	5745	17.491	5736.2518	5753.7428	PASS
	Ant1	5785	17.316	5776.3156	5793.6316	PASS

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	Ant2	5785	17.339	5776.3083	5793.6473	PASS
	Ant3	5785	17.277	5776.3687	5793.6457	PASS
	Ant4	5785	17.214	5776.3736	5793.5876	PASS
	Ant1	5825	17.344	5816.2455	5833.5895	PASS
	Ant2	5825	17.317	5816.2841	5833.6011	PASS
	Ant3	5825	17.320	5816.3021	5833.6221	PASS
	Ant4	5825	17.263	5816.3258	5833.5888	PASS
11BE20MIMO	Ant1	5180	19.229	5170.3879	5189.6169	PASS
	Ant2	5180	19.200	5170.4039	5189.6039	PASS
	Ant3	5180	19.252	5170.4221	5189.6741	PASS
	Ant4	5180	19.279	5170.3786	5189.6576	PASS
	Ant1	5200	19.203	5190.4198	5209.6228	PASS
	Ant2	5200	19.262	5190.3718	5209.6338	PASS
	Ant3	5200	19.225	5190.4329	5209.6579	PASS
	Ant4	5200	19.325	5190.3802	5209.7052	PASS
	Ant1	5240	19.280	5230.4039	5249.6839	PASS
	Ant2	5240	19.220	5230.4220	5249.6420	PASS
	Ant3	5240	19.250	5230.4034	5249.6534	PASS
	Ant4	5240	19.280	5230.4131	5249.6931	PASS
	Ant1	5260	19.239	5250.4276	5269.6666	PASS
	Ant2	5260	19.222	5250.4219	5269.6439	PASS
	Ant3	5260	19.254	5250.4140	5269.6680	PASS
	Ant4	5260	19.263	5250.3880	5269.6510	PASS
	Ant1	5280	19.247	5270.3999	5289.6469	PASS
	Ant2	5280	19.301	5270.3809	5289.6819	PASS
	Ant3	5280	19.318	5270.3817	5289.6997	PASS
	Ant4	5280	19.273	5270.4006	5289.6736	PASS
	Ant1	5320	19.231	5310.4272	5329.6582	PASS
	Ant2	5320	19.259	5310.3809	5329.6399	PASS
	Ant3	5320	19.279	5310.4066	5329.6856	PASS
	Ant4	5320	19.298	5310.3663	5329.6643	PASS
	Ant1	5500	19.230	5490.4196	5509.6496	PASS
	Ant2	5500	19.275	5490.3842	5509.6592	PASS
	Ant3	5500	19.335	5490.3621	5509.6971	PASS
	Ant4	5500	19.260	5490.4093	5509.6693	PASS
	Ant1	5580	19.287	5570.4016	5589.6886	PASS
	Ant2	5580	19.271	5570.4243	5589.6953	PASS
	Ant3	5580	19.243	5570.4259	5589.6689	PASS
	Ant4	5580	19.232	5570.4311	5589.6631	PASS
	Ant1	5700	19.267	5690.4089	5709.6759	PASS
	Ant2	5700	19.275	5690.3905	5709.6655	PASS
	Ant3	5700	19.212	5690.4286	5709.6406	PASS
	Ant4	5700	19.247	5690.4176	5709.6646	PASS
	Ant1	5720	19.383	5710.3879	5729.7707	PASS
	Ant2	5720	19.335	5710.3580	5729.6927	PASS
	Ant3	5720	19.3	5710.3716	5729.6714	PASS
	Ant4	5720	19.335	5710.3915	5729.7263	PASS
	Ant1	5720_UNII-2C	14.612	5710.3879	5725	PASS
	Ant2	5720_UNII-2C	14.642	5710.3580	5725	PASS
	Ant3	5720_UNII-2C	14.628	5710.3716	5725	PASS
	Ant4	5720_UNII-2C	14.609	5710.3915	5725	PASS
	Ant1	5720_UNII-3	4.771	5725	5729.7707	PASS
	Ant2	5720_UNII-3	4.693	5725	5729.6927	PASS
	Ant3	5720_UNII-3	4.671	5725	5729.6714	PASS
	Ant4	5720_UNII-3	4.726	5725	5729.7263	PASS
	Ant1	5745	19.304	5735.3658	5754.6698	PASS
	Ant2	5745	19.335	5735.3629	5754.6979	PASS
	Ant3	5745	19.352	5735.3231	5754.6752	PASS
	Ant4	5745	19.369	5735.3105	5754.6792	PASS
	Ant1	5785	19.359	5775.3737	5794.7331	PASS
	Ant2	5785	19.368	5775.3484	5794.7160	PASS

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	Ant3	5785	19.34	5775.3739	5794.7137	PASS
	Ant4	5785	19.351	5775.3601	5794.7114	PASS
	Ant1	5825	19.45	5815.3157	5834.7653	PASS
	Ant2	5825	19.322	5815.3559	5834.6780	PASS
	Ant3	5825	19.363	5815.3348	5834.6983	PASS
	Ant4	5825	19.297	5815.3752	5834.6719	PASS
11BE40MIMO	Ant1	5190	38.472	5170.7996	5209.2714	PASS
	Ant2	5190	38.526	5170.7599	5209.2863	PASS
	Ant3	5190	38.497	5170.8095	5209.3060	PASS
	Ant4	5190	38.51	5170.7968	5209.3064	PASS
	Ant1	5230	38.525	5210.8309	5249.3563	PASS
	Ant2	5230	38.543	5210.7391	5249.2821	PASS
	Ant3	5230	38.56	5210.7439	5249.3036	PASS
	Ant4	5230	38.414	5210.8981	5249.3124	PASS
	Ant1	5270	38.478	5250.7701	5289.2478	PASS
	Ant2	5270	38.591	5250.7701	5289.3607	PASS
	Ant3	5270	38.424	5250.7437	5289.1678	PASS
	Ant4	5270	38.447	5250.8055	5289.2525	PASS
	Ant1	5310	38.358	5290.8035	5329.1617	PASS
	Ant2	5310	38.542	5290.7470	5329.2886	PASS
	Ant3	5310	38.451	5290.7820	5329.2332	PASS
	Ant4	5310	38.466	5290.7911	5329.2570	PASS
	Ant1	5510	38.57	5490.7815	5529.3510	PASS
	Ant2	5510	38.523	5490.7440	5529.2672	PASS
	Ant3	5510	38.482	5490.7374	5529.2190	PASS
	Ant4	5510	38.472	5490.7798	5529.2517	PASS
	Ant1	5550	38.531	5530.7731	5569.3043	PASS
	Ant2	5550	38.591	5530.7374	5569.3280	PASS
	Ant3	5550	38.426	5530.8656	5569.2915	PASS
	Ant4	5550	38.536	5530.8024	5569.3381	PASS
	Ant1	5670	38.478	5650.7849	5689.2630	PASS
	Ant2	5670	38.507	5650.7802	5689.2876	PASS
	Ant3	5670	38.429	5650.8466	5689.2761	PASS
	Ant4	5670	38.382	5650.8419	5689.2237	PASS
	Ant1	5710	38.43	5690.8074	5729.2379	PASS
	Ant2	5710	38.582	5690.7152	5729.2969	PASS
	Ant3	5710	38.421	5690.7978	5729.2192	PASS
	Ant4	5710	38.422	5690.7840	5729.2061	PASS
	Ant1	5710_UNII-2C	34.193	5690.8074	5725	PASS
	Ant2	5710_UNII-2C	34.285	5690.7152	5725	PASS
	Ant3	5710_UNII-2C	34.202	5690.7978	5725	PASS
	Ant4	5710_UNII-2C	34.216	5690.7840	5725	PASS
	Ant1	5710_UNII-3	4.238	5725	5729.2379	PASS
	Ant2	5710_UNII-3	4.297	5725	5729.2969	PASS
	Ant3	5710_UNII-3	4.219	5725	5729.2192	PASS
	Ant4	5710_UNII-3	4.206	5725	5729.2061	PASS
	Ant1	5755	38.521	5735.7376	5774.2587	PASS
	Ant2	5755	38.787	5735.6358	5774.4228	PASS
	Ant3	5755	38.614	5735.7197	5774.3340	PASS
	Ant4	5755	38.596	5735.7026	5774.2984	PASS
	Ant1	5795	38.406	5775.8331	5814.2392	PASS
	Ant2	5795	38.515	5775.7172	5814.2325	PASS
	Ant3	5795	38.488	5775.7771	5814.2648	PASS
	Ant4	5795	38.606	5775.7205	5814.3264	PASS
11BE80MIMO	Ant1	5210	78.571	5170.6866	5249.2577	PASS
	Ant2	5210	78.541	5170.7576	5249.2987	PASS
	Ant3	5210	78.437	5170.8781	5249.3146	PASS
	Ant4	5210	78.66	5170.6579	5249.3175	PASS
	Ant1	5290	78.615	5250.5049	5329.1194	PASS
	Ant2	5290	78.439	5250.7924	5329.2310	PASS
	Ant3	5290	78.355	5250.8378	5329.1926	PASS

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	Ant4	5290	78.414	5250.8478	5329.2621	PASS
	Ant1	5530	78.822	5490.6376	5569.4592	PASS
	Ant2	5530	78.68	5490.5497	5569.2300	PASS
	Ant3	5530	78.847	5490.6503	5569.4973	PASS
	Ant4	5530	78.521	5490.7672	5569.2884	PASS
	Ant1	5610	78.639	5570.7742	5649.4129	PASS
	Ant2	5610	78.599	5570.6464	5649.2454	PASS
	Ant3	5610	78.441	5570.8077	5649.2488	PASS
	Ant4	5610	78.349	5570.8717	5649.2211	PASS
	Ant1	5690	78.516	5650.8431	5729.3591	PASS
	Ant2	5690	78.4	5650.8661	5729.2657	PASS
	Ant3	5690	78.299	5650.9114	5729.2099	PASS
	Ant4	5690	78.353	5650.9161	5729.2694	PASS
	Ant1	5690_UNII-2C	74.157	5650.8431	5725	PASS
	Ant2	5690_UNII-2C	74.134	5650.8661	5725	PASS
	Ant3	5690_UNII-2C	74.089	5650.9114	5725	PASS
	Ant4	5690_UNII-2C	74.084	5650.9161	5725	PASS
	Ant1	5690_UNII-3	4.359	5725	5729.3591	PASS
	Ant2	5690_UNII-3	4.266	5725	5729.2657	PASS
	Ant3	5690_UNII-3	4.21	5725	5729.2099	PASS
	Ant4	5690_UNII-3	4.269	5725	5729.2694	PASS
	Ant1	5775	78.606	5735.6321	5814.2379	PASS
	Ant2	5775	78.424	5735.6806	5814.1041	PASS
	Ant3	5775	78.942	5735.3300	5814.2715	PASS
	Ant4	5775	78.561	5735.6356	5814.1961	PASS
11BE160MIMO	Ant1	5250	158.475	5170.6475	5329.1223	PASS
	Ant2	5250	158.999	5170.5190	5329.5179	PASS
	Ant3	5250	158.502	5170.8707	5329.3729	PASS
	Ant4	5250	158.642	5170.8740	5329.5158	PASS
	Ant1	5250_UNII-1	79.353	5170.6475	5250	PASS
	Ant2	5250_UNII-1	79.481	5170.5190	5250	PASS
	Ant3	5250_UNII-1	79.129	5170.8707	5250	PASS
	Ant4	5250_UNII-1	79.126	5170.8740	5250	PASS
	Ant1	5250_UNII-2A	79.122	5250	5329.1223	PASS
	Ant2	5250_UNII-2A	79.518	5250	5329.5179	PASS
	Ant3	5250_UNII-2A	79.373	5250	5329.3729	PASS
	Ant4	5250_UNII-2A	79.516	5250	5329.5158	PASS
	Ant1	5570	158.695	5490.7993	5649.4939	PASS
	Ant2	5570	160.357	5489.7835	5650.1406	PASS
	Ant3	5570	158.732	5490.6671	5649.3990	PASS
	Ant4	5570	158.87	5490.5461	5649.4163	PASS

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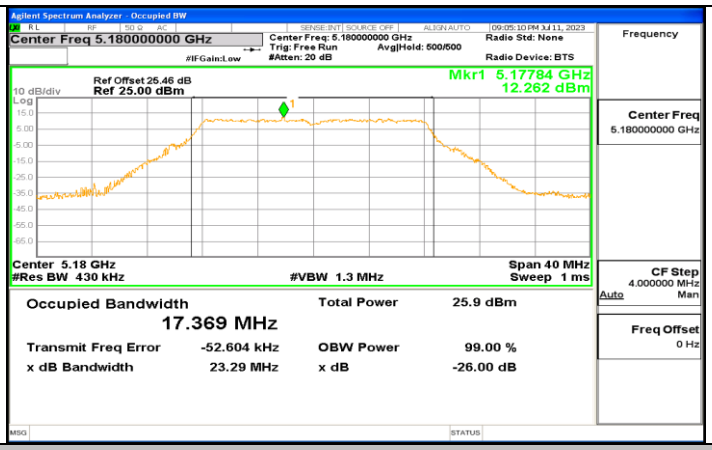
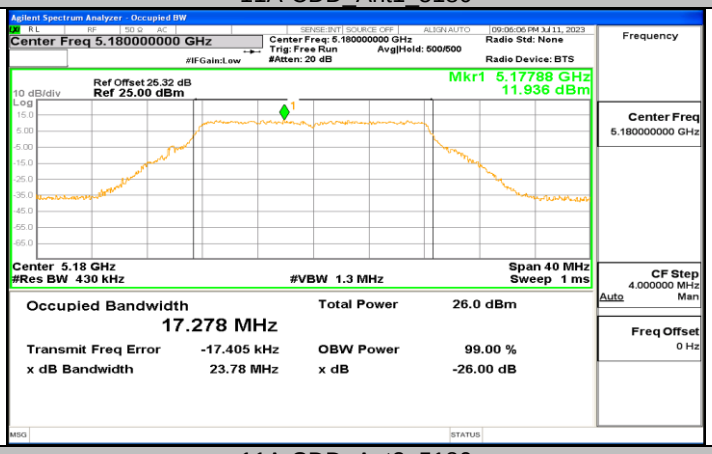
11.2.2. Test Graphs



11A-CDD_Ant1_5180



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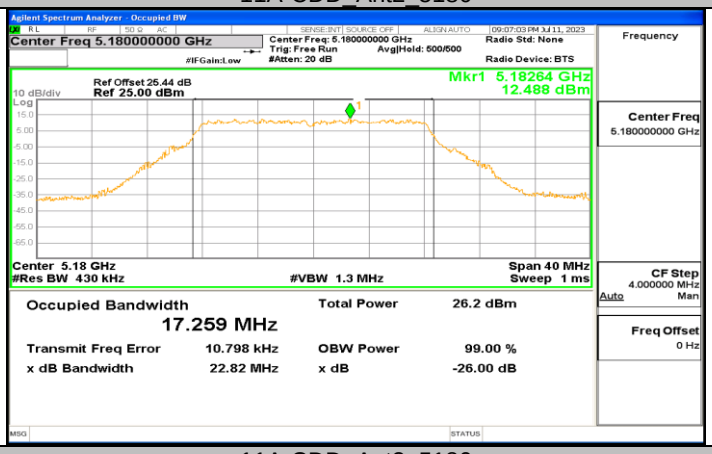

11A-CDD_Ant3_5180

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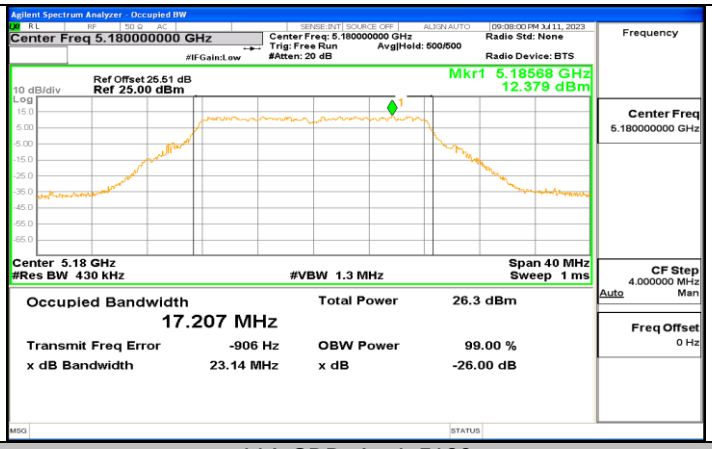

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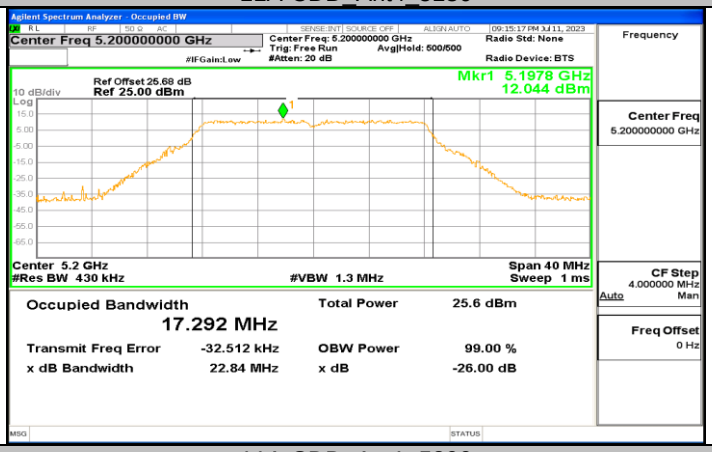

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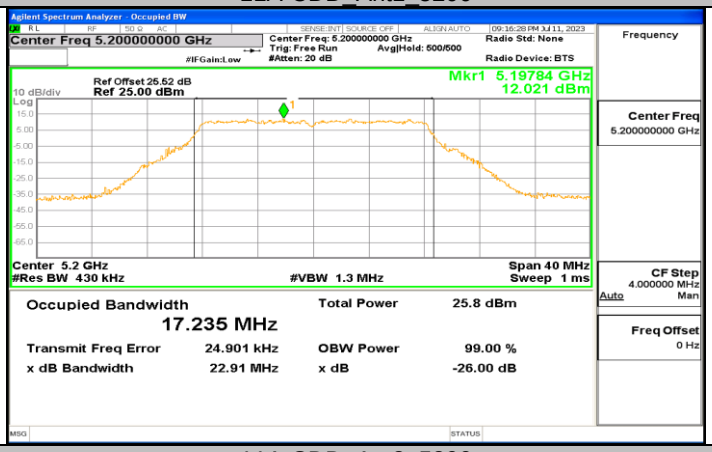

11A-CDD_Ant2_5200

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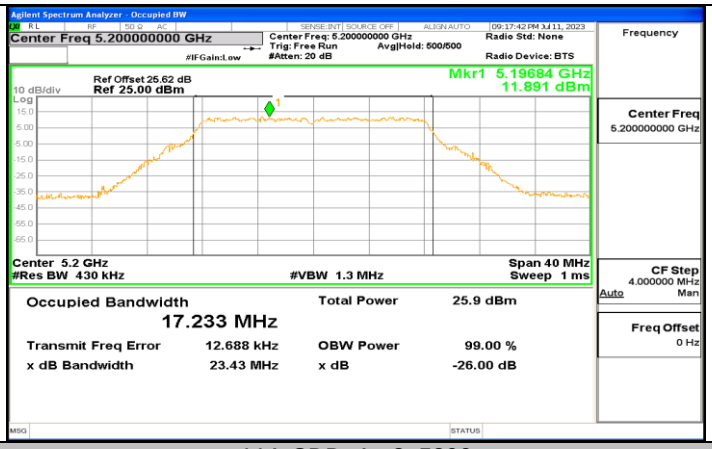

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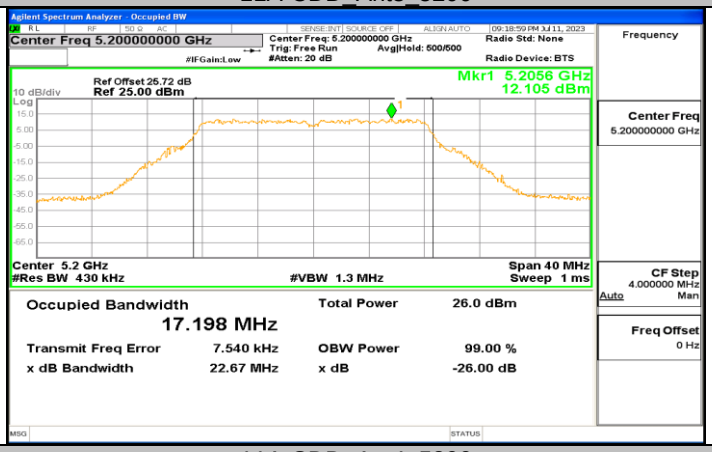

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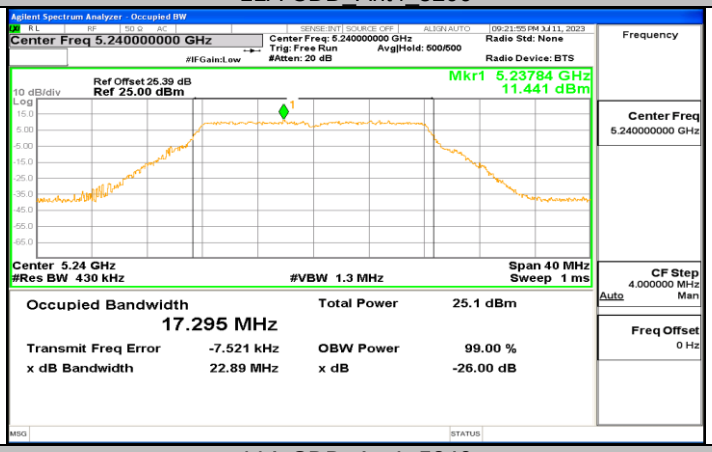

11A-CDD_Ant1_5240

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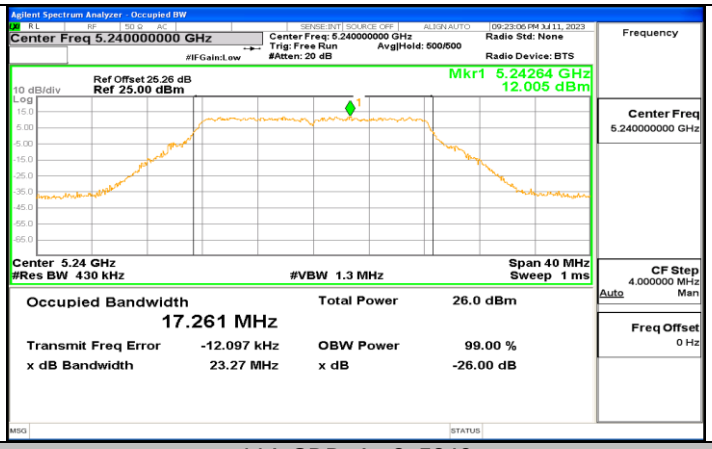
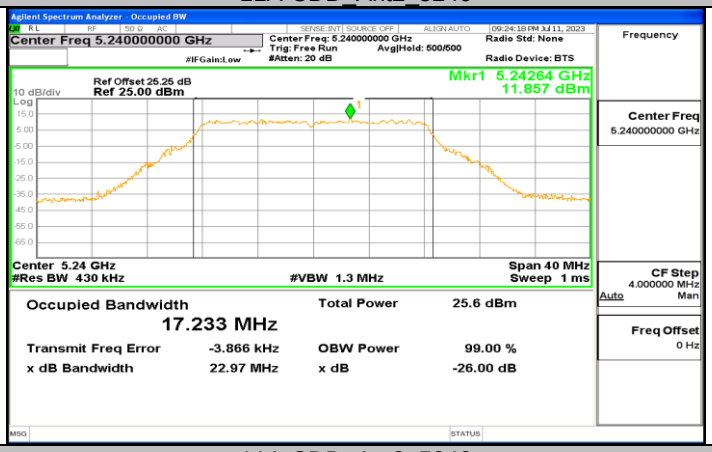


11A-CDD_Ant2_5240



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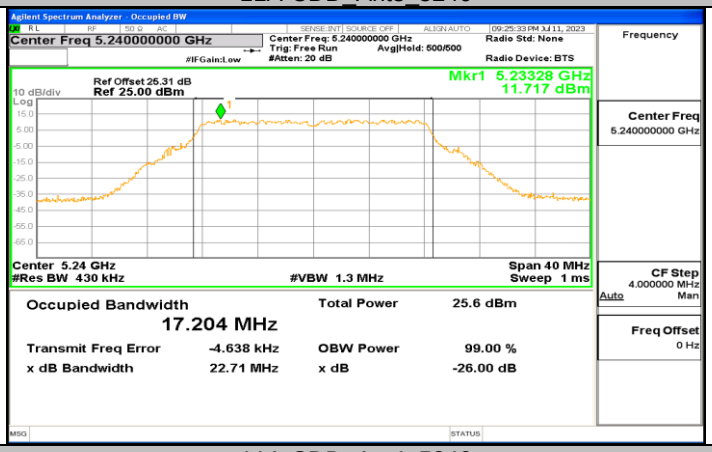

11A-CDD_Ant4_5240

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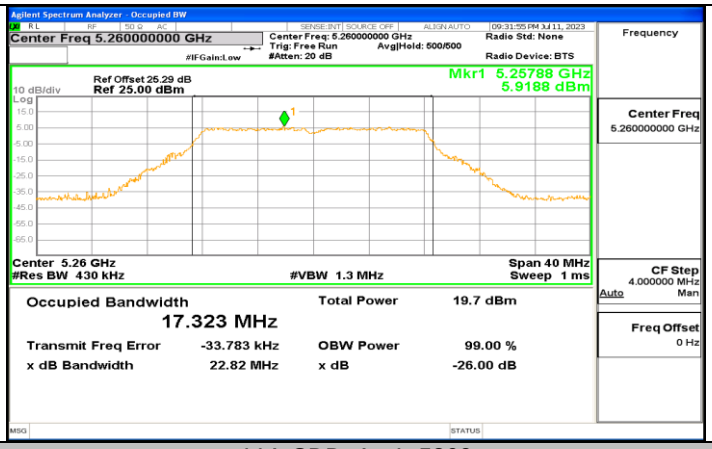

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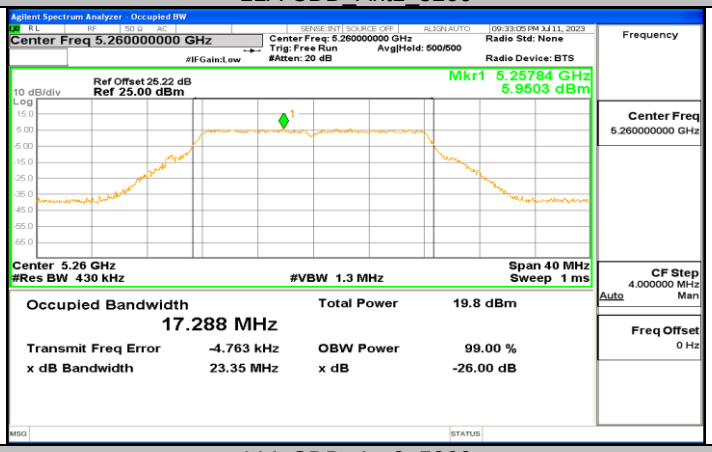

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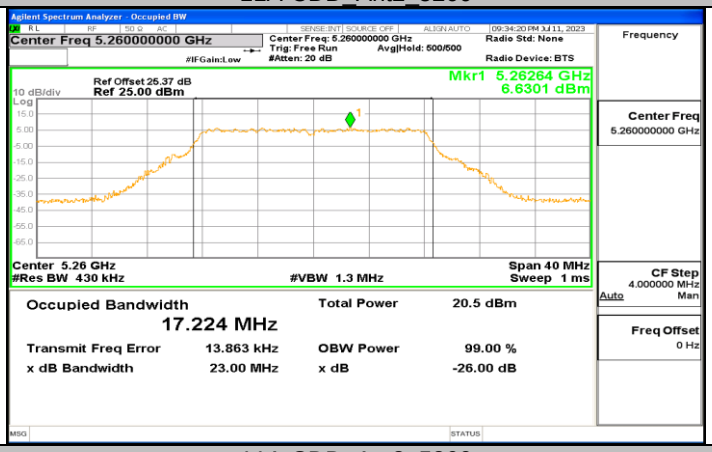

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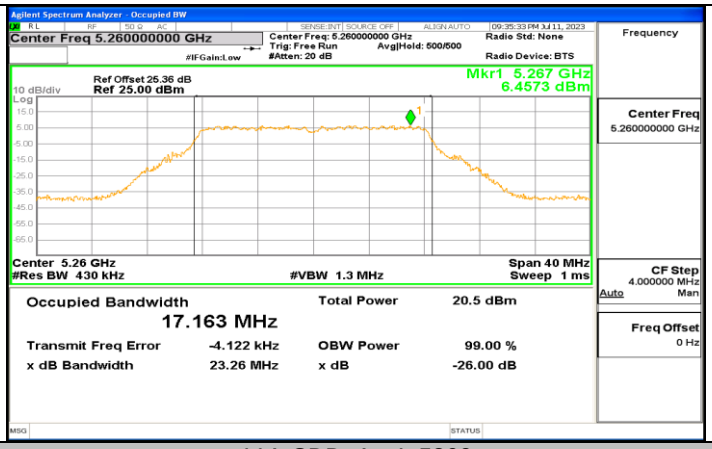
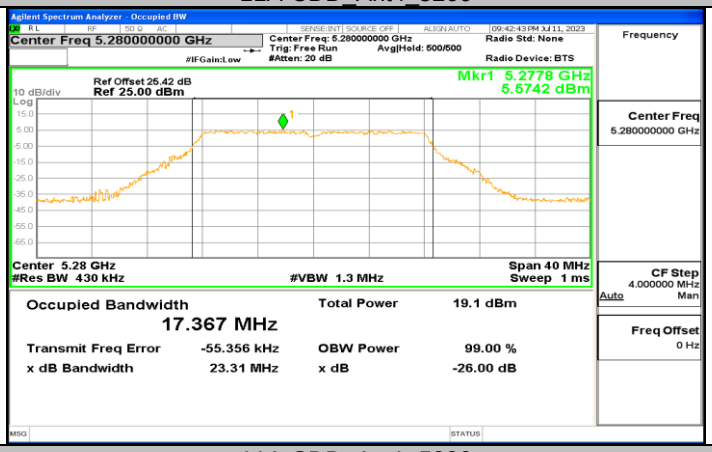
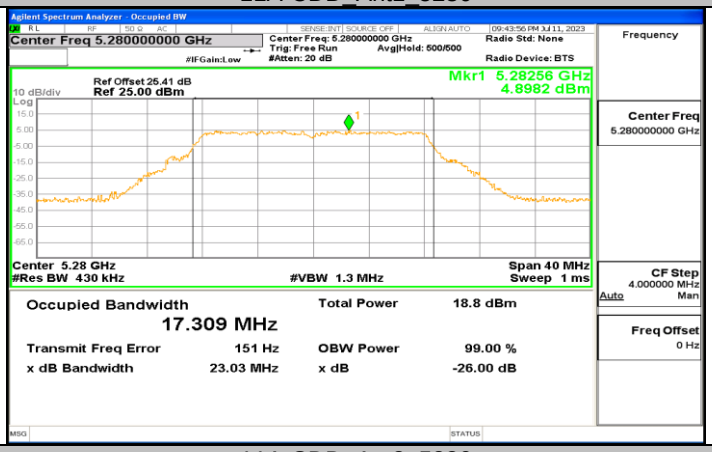


11A-CDD_Ant4_5260



11A-CDD_Ant1_5280



11A-CDD_Ant2_5280

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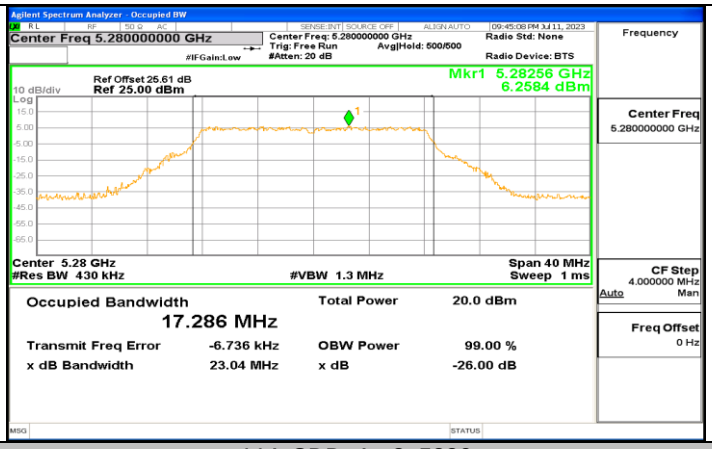

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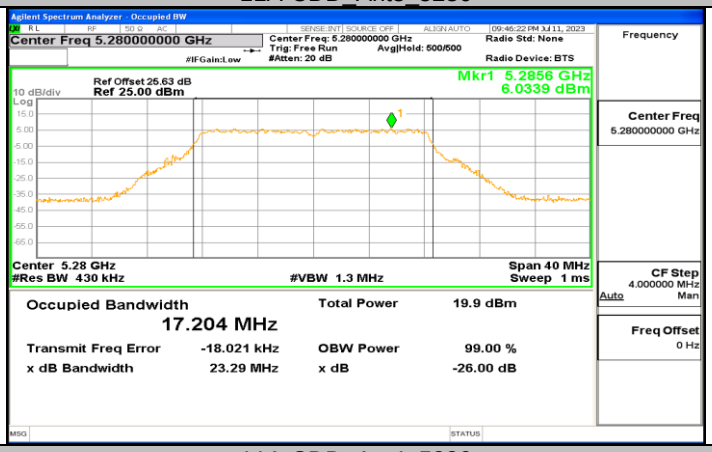

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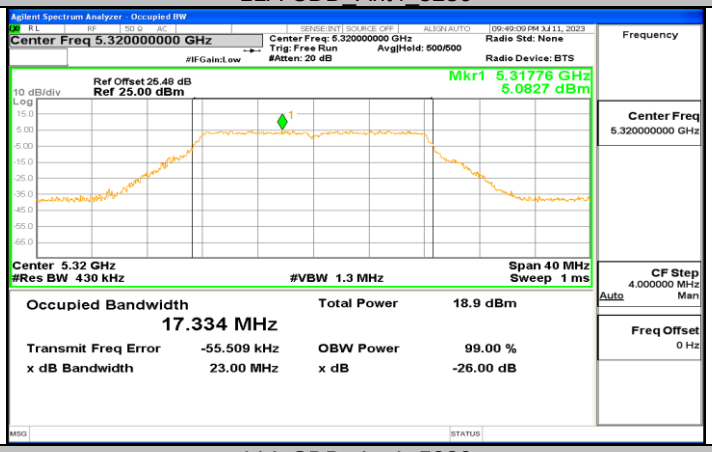

11A-CDD_Ant1_5320

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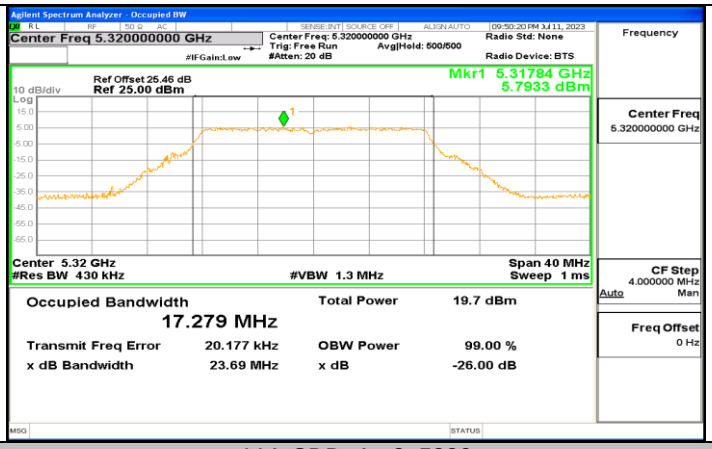

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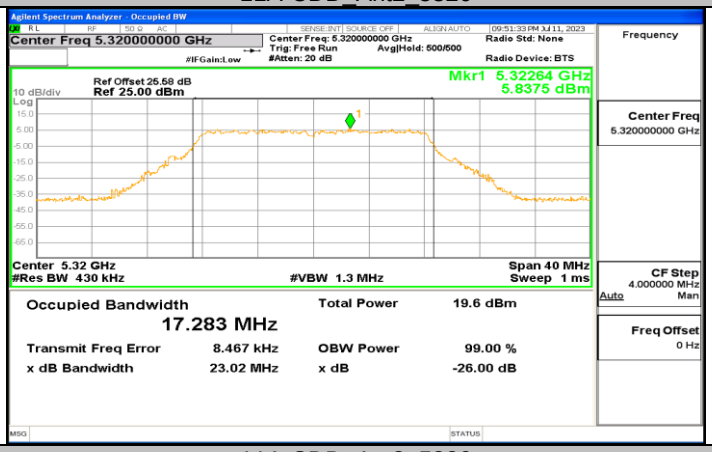

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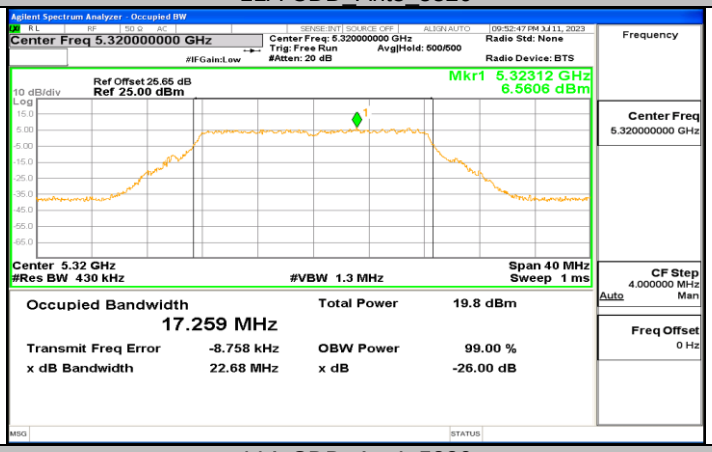

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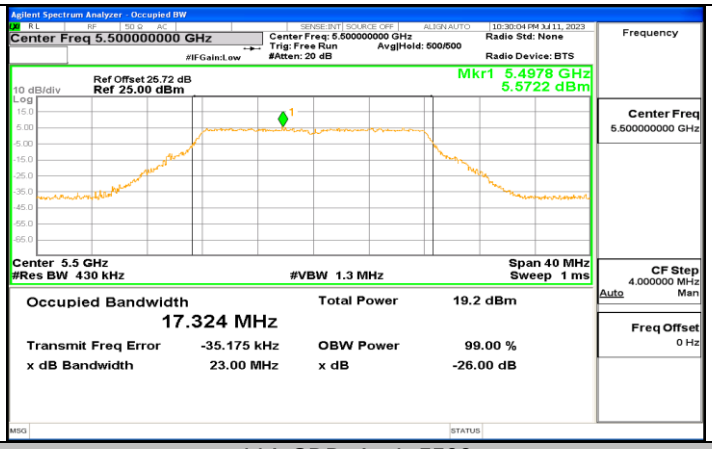

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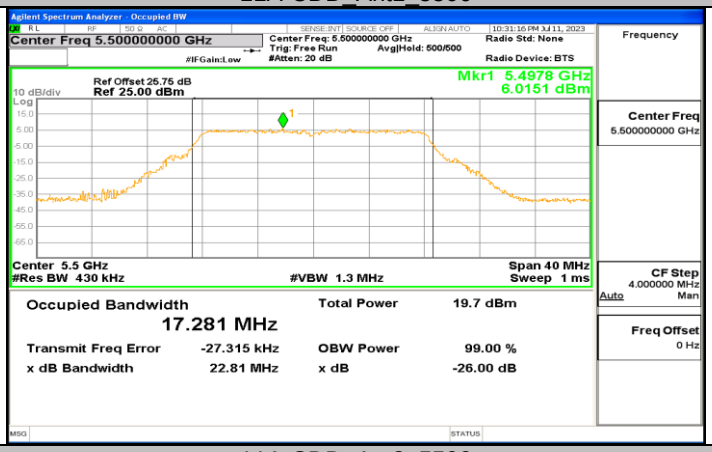

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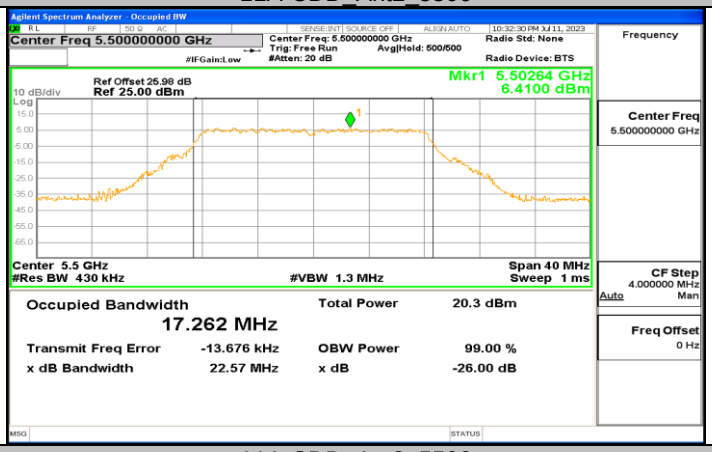

11A-CDD_Ant3_5500

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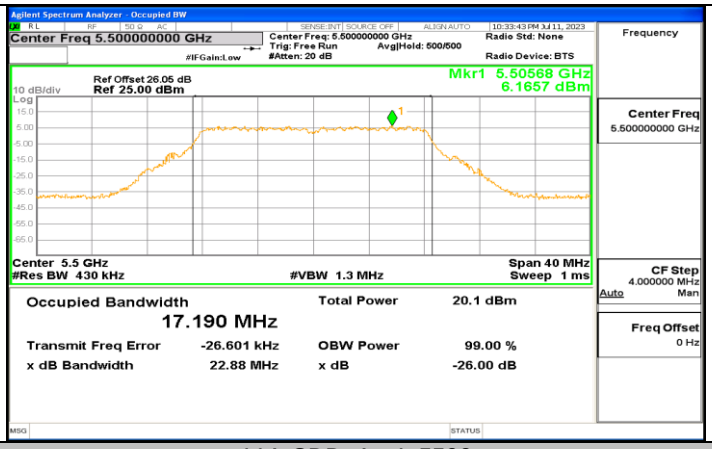

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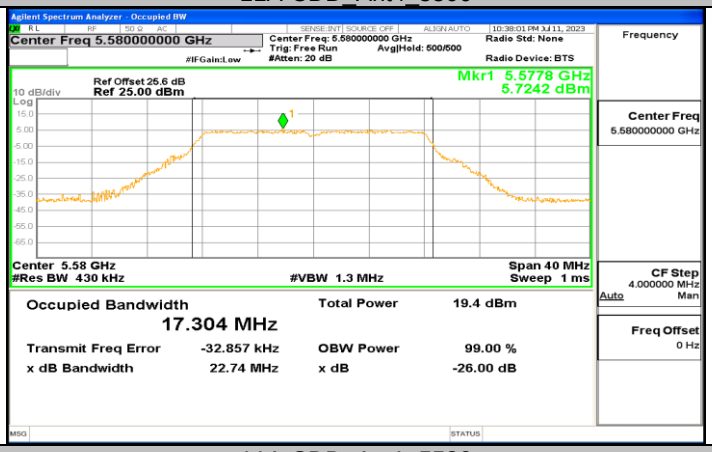

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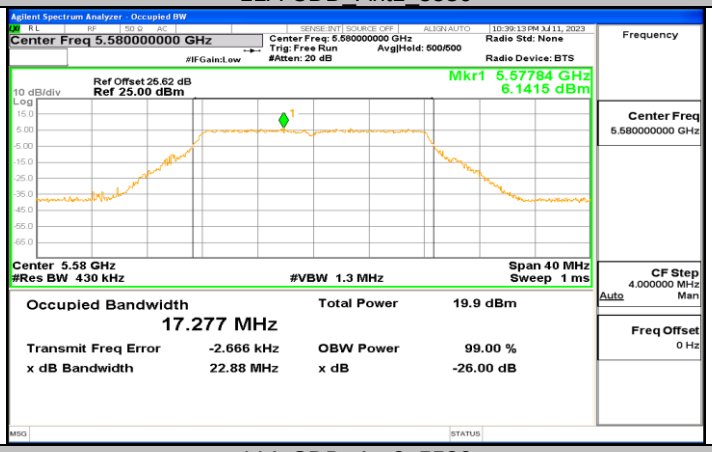

11A-CDD_Ant2_5580

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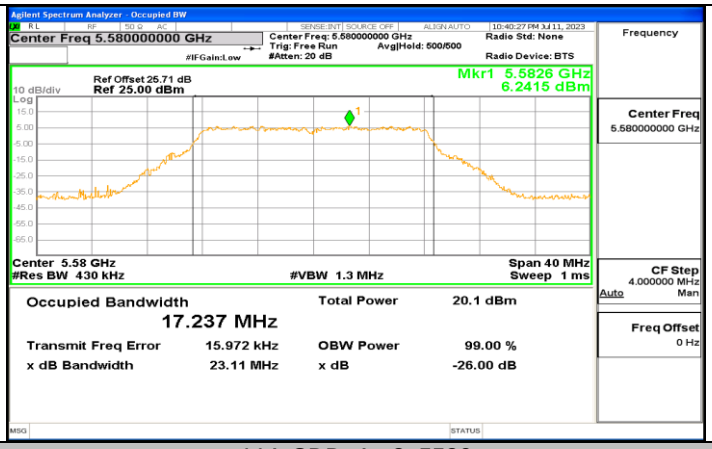

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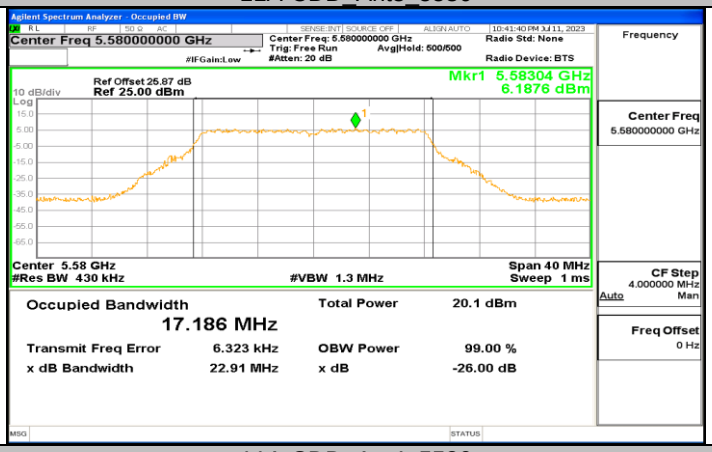

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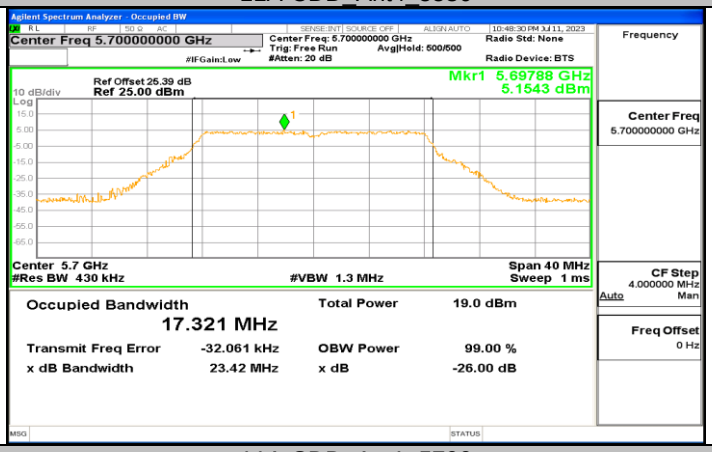

11A-CDD_Ant1_5700

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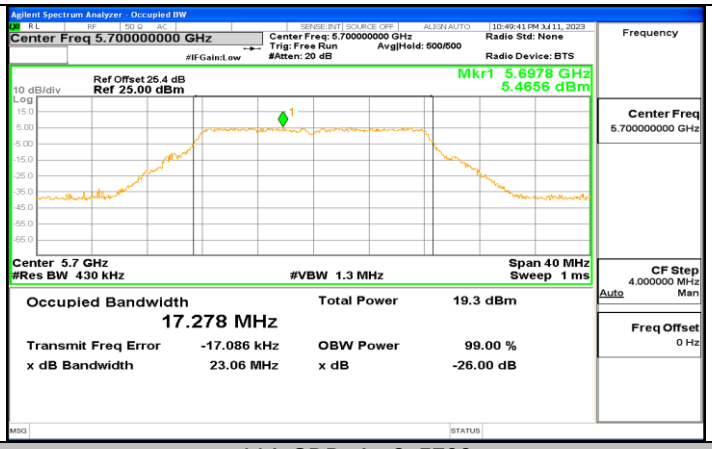

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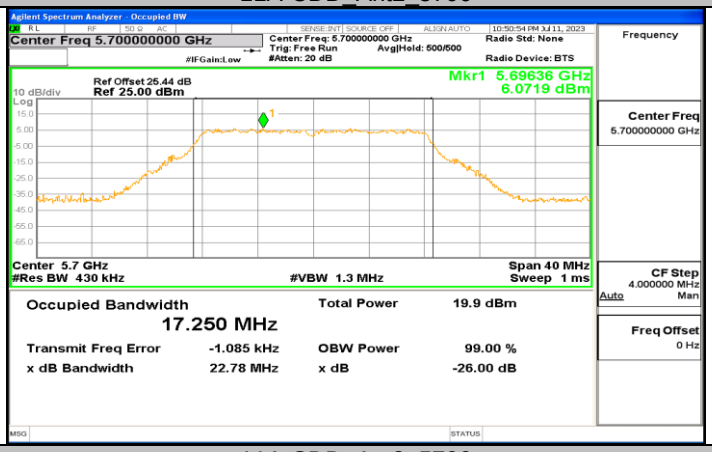

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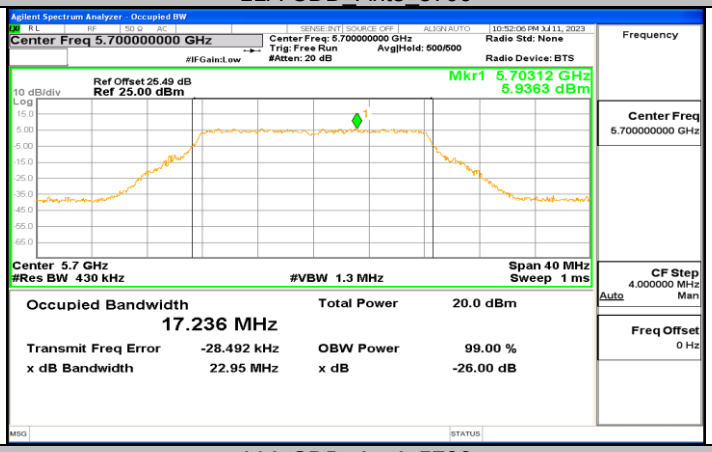

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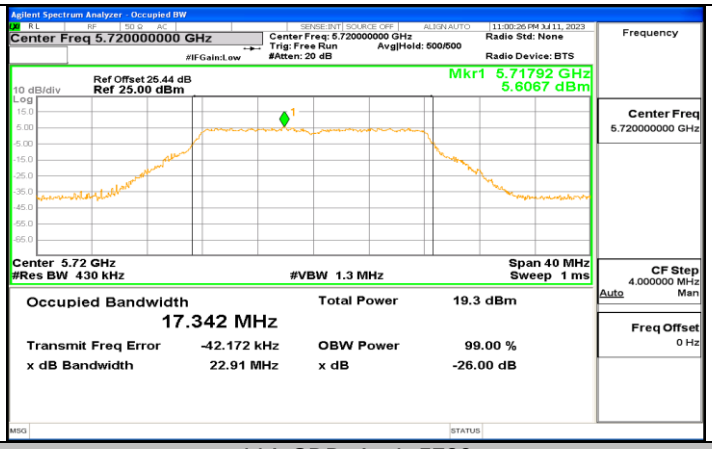

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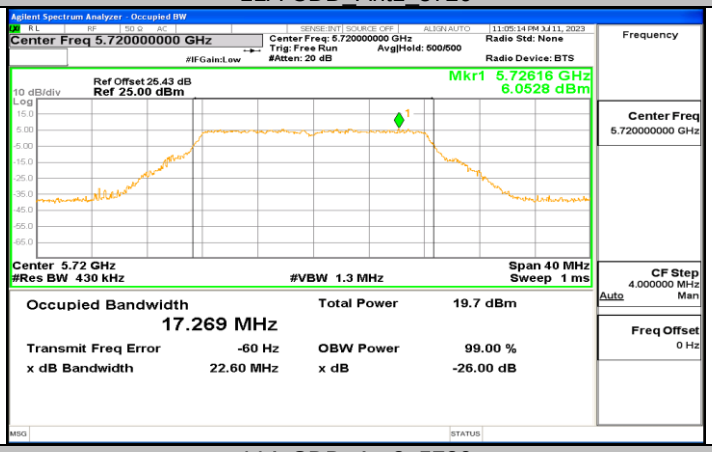

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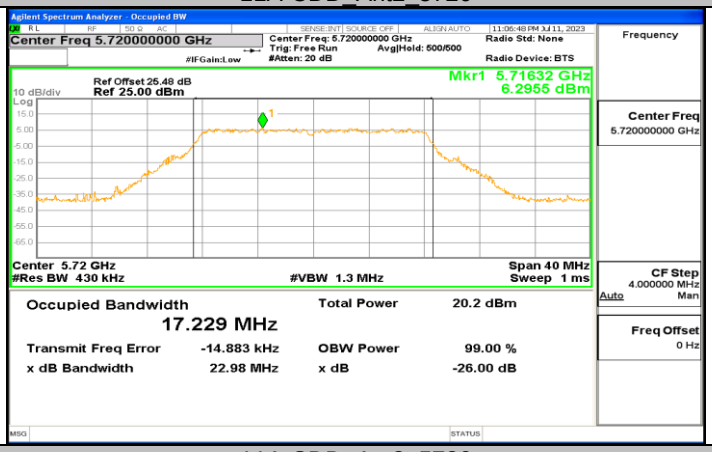

11A-CDD_Ant3_5720

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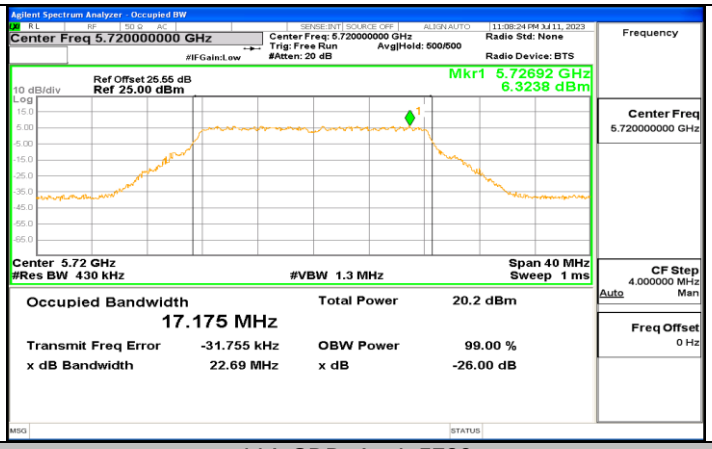

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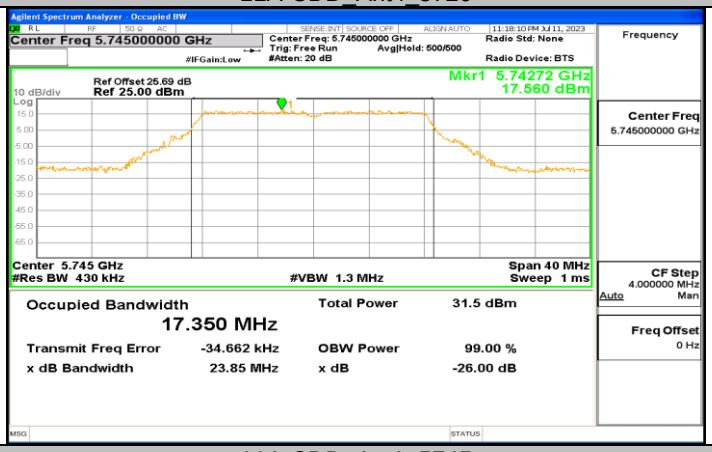

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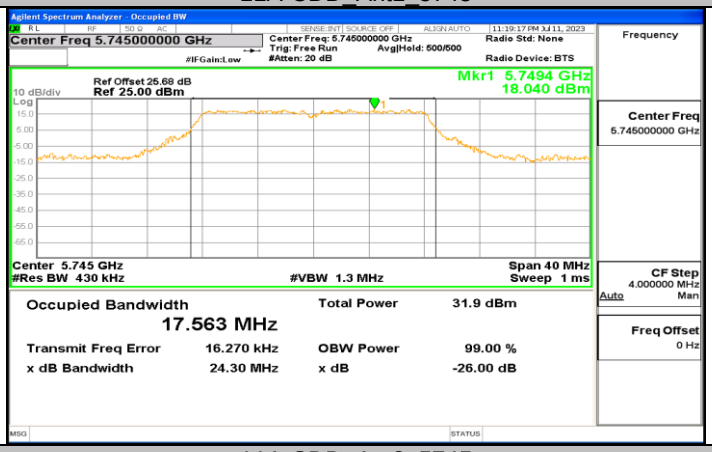

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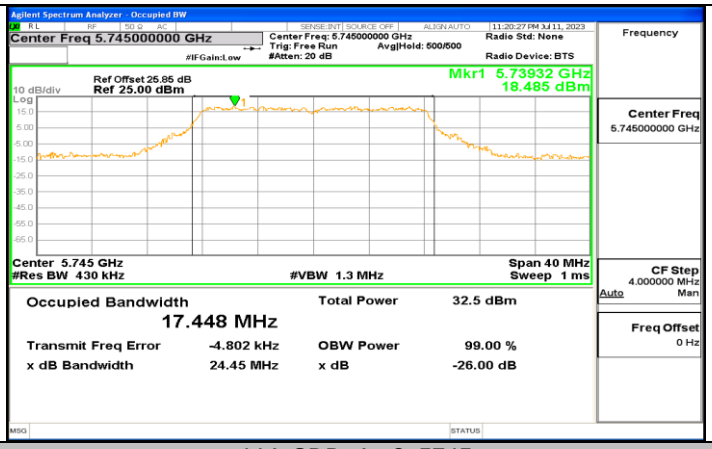

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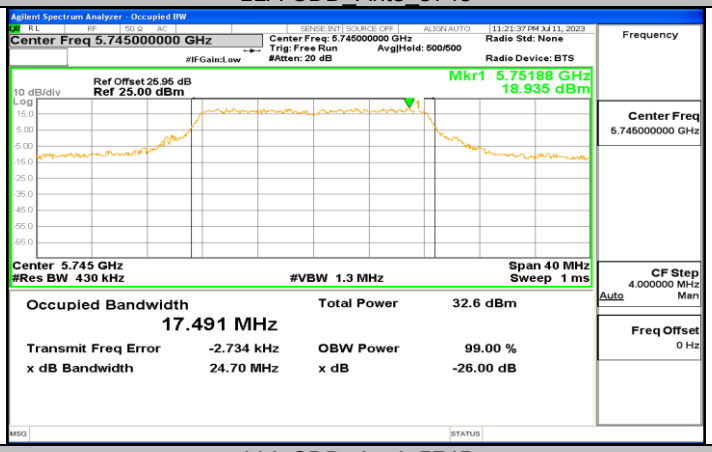

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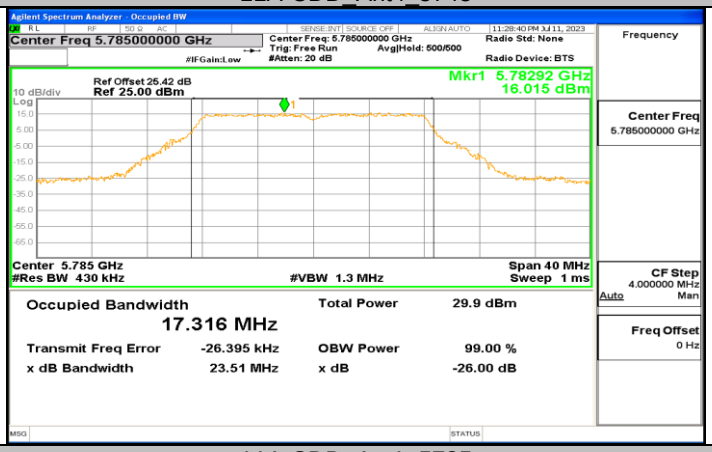

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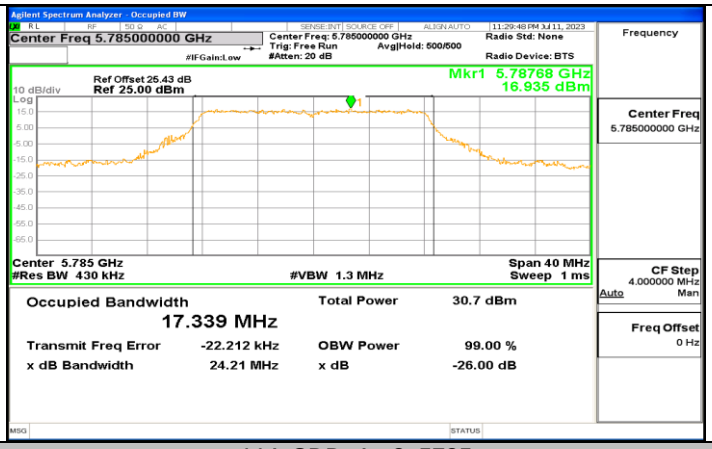

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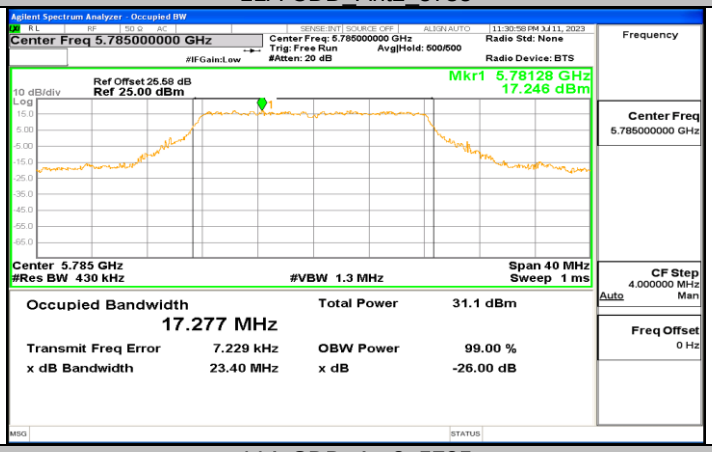

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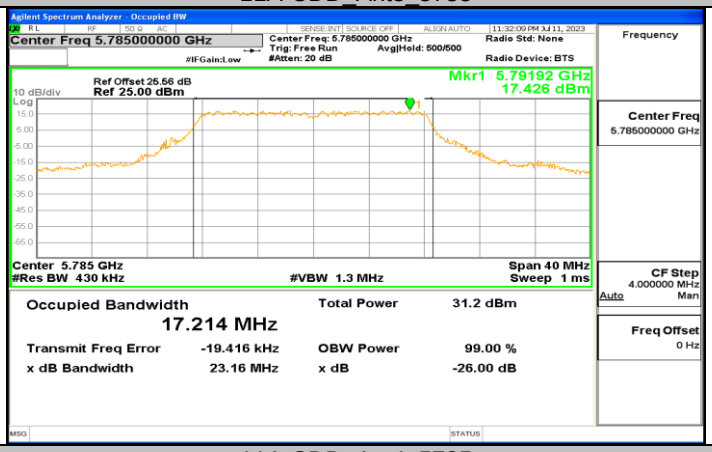

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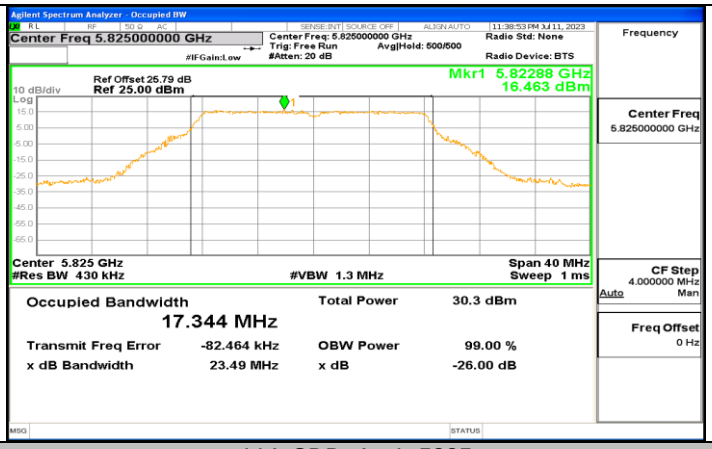

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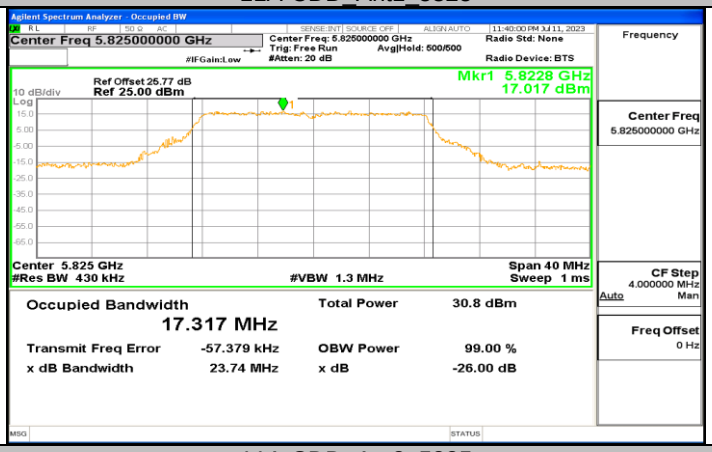

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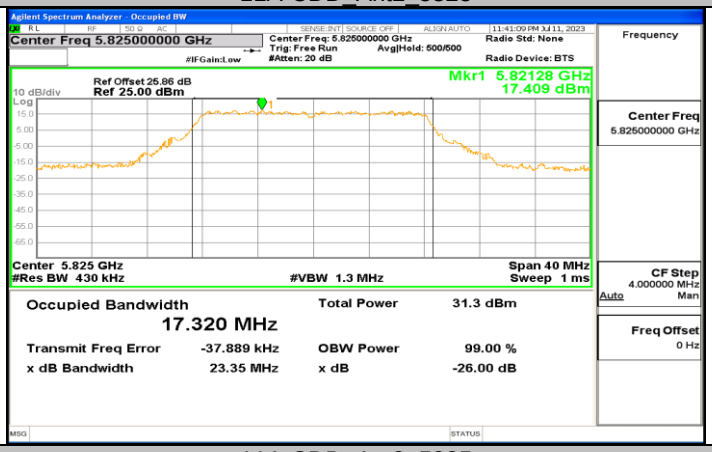

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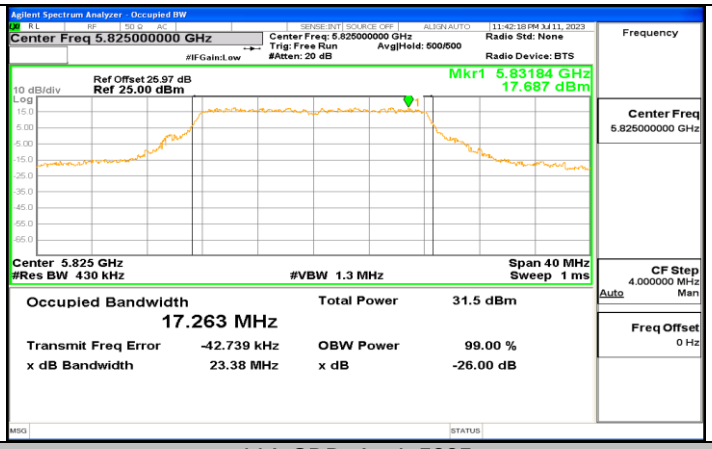

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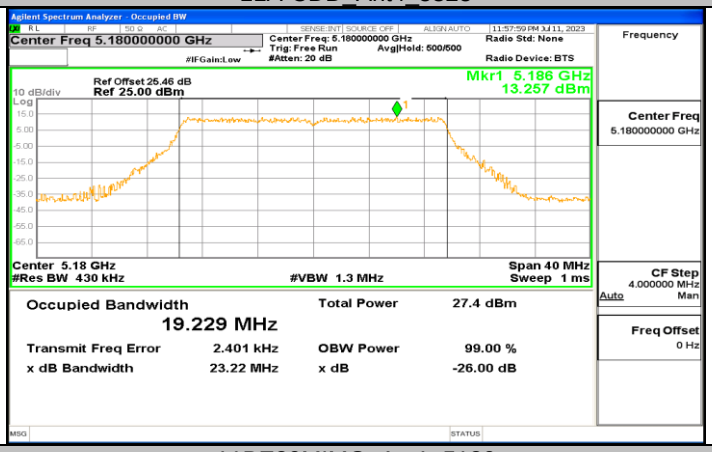

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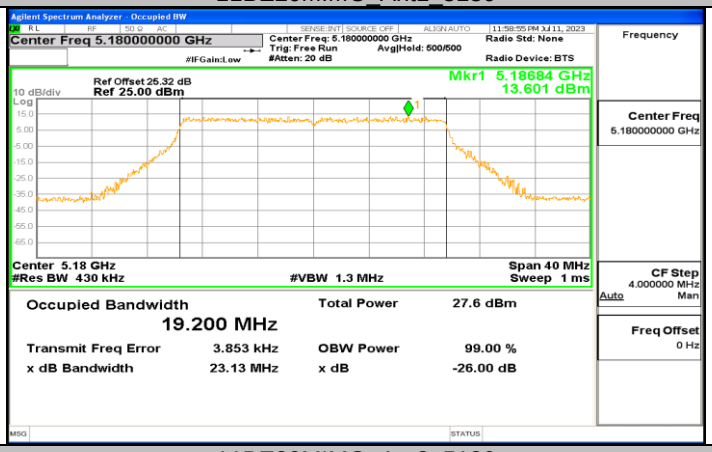

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