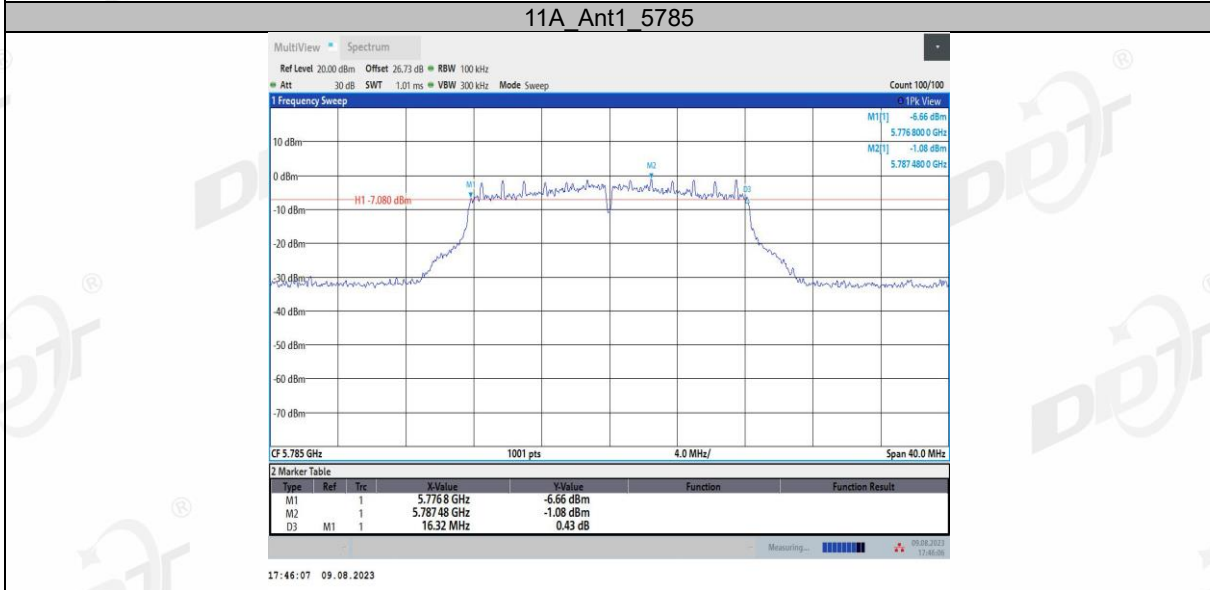
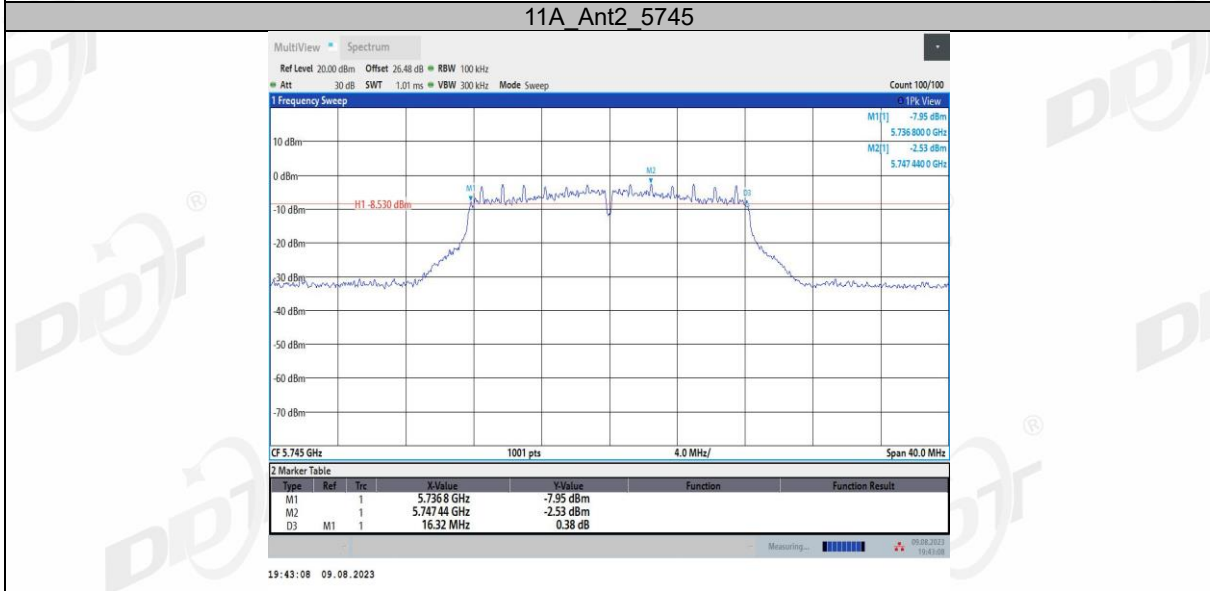
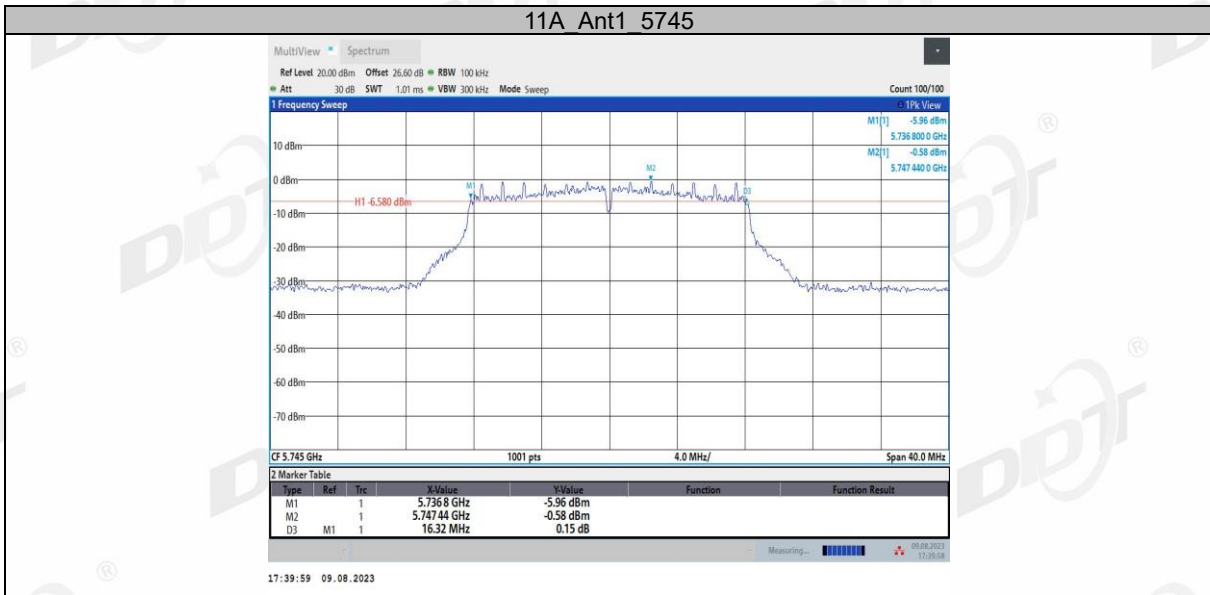
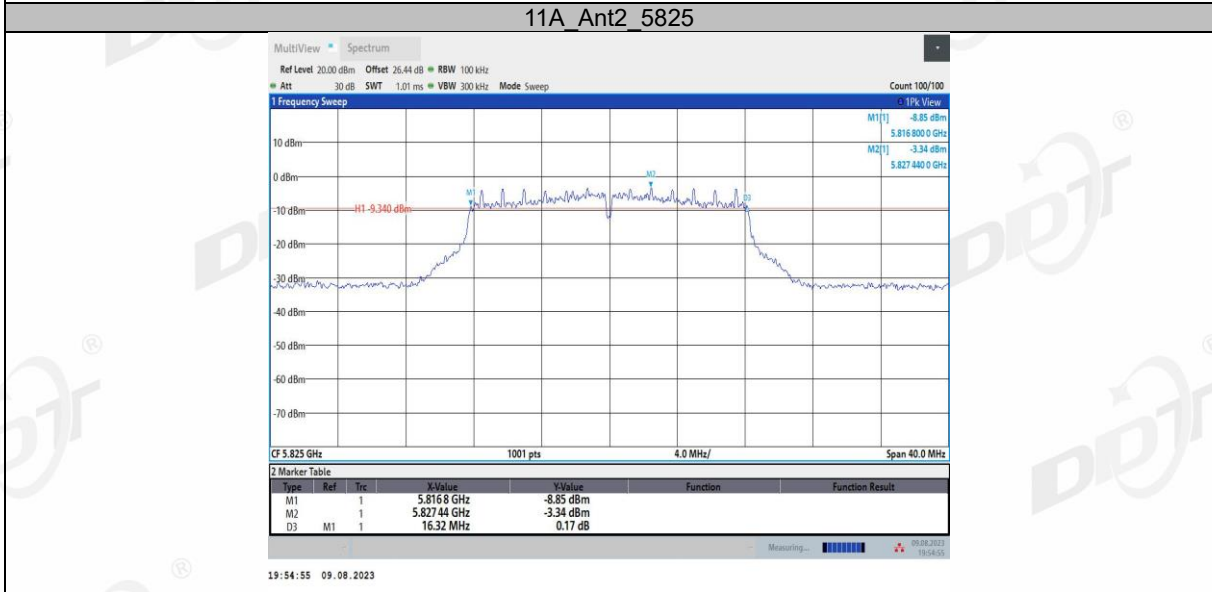
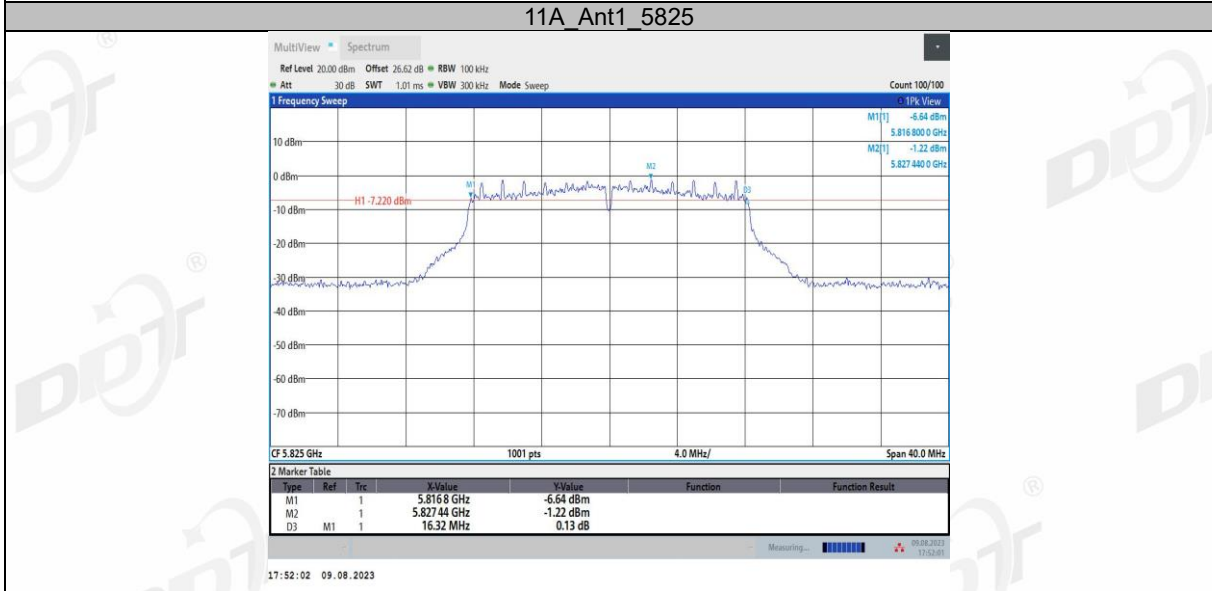
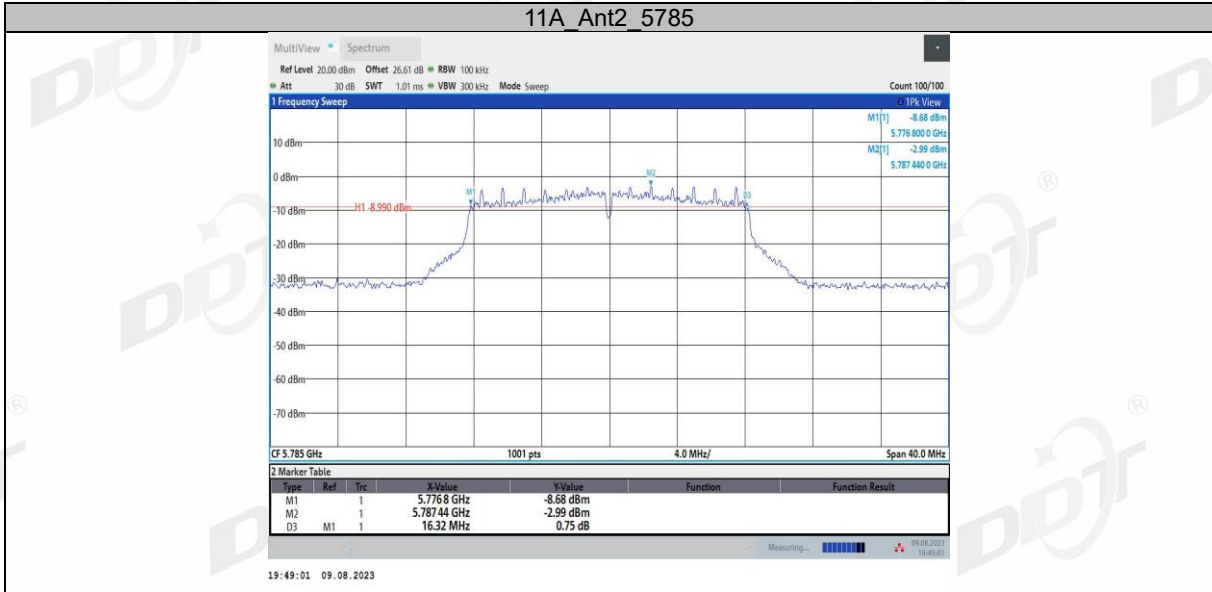


## 5.4. Test result B4

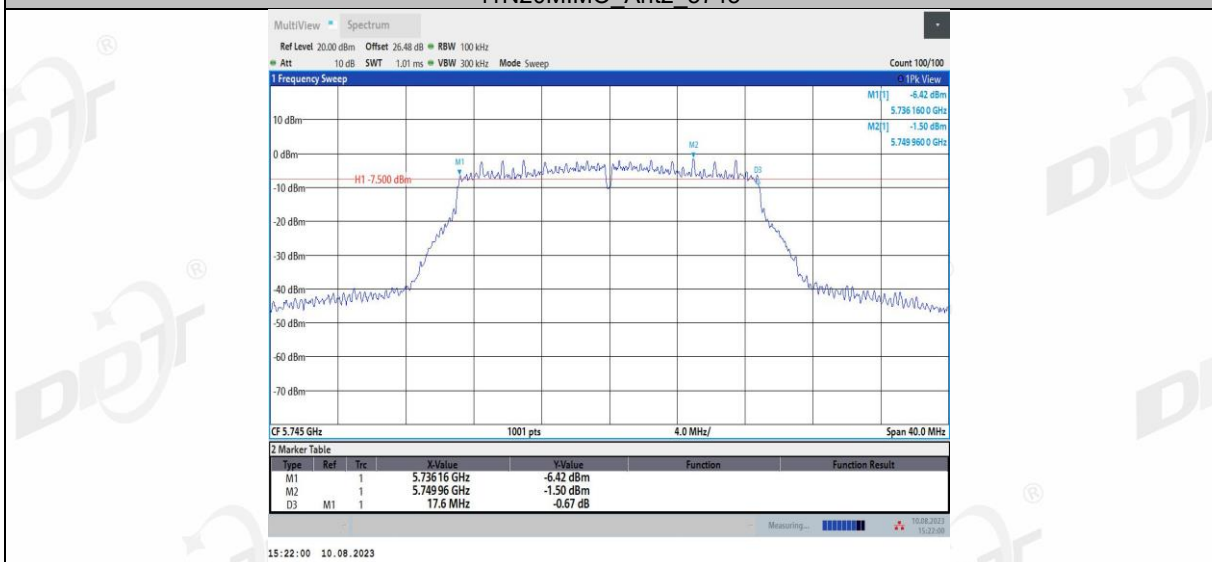
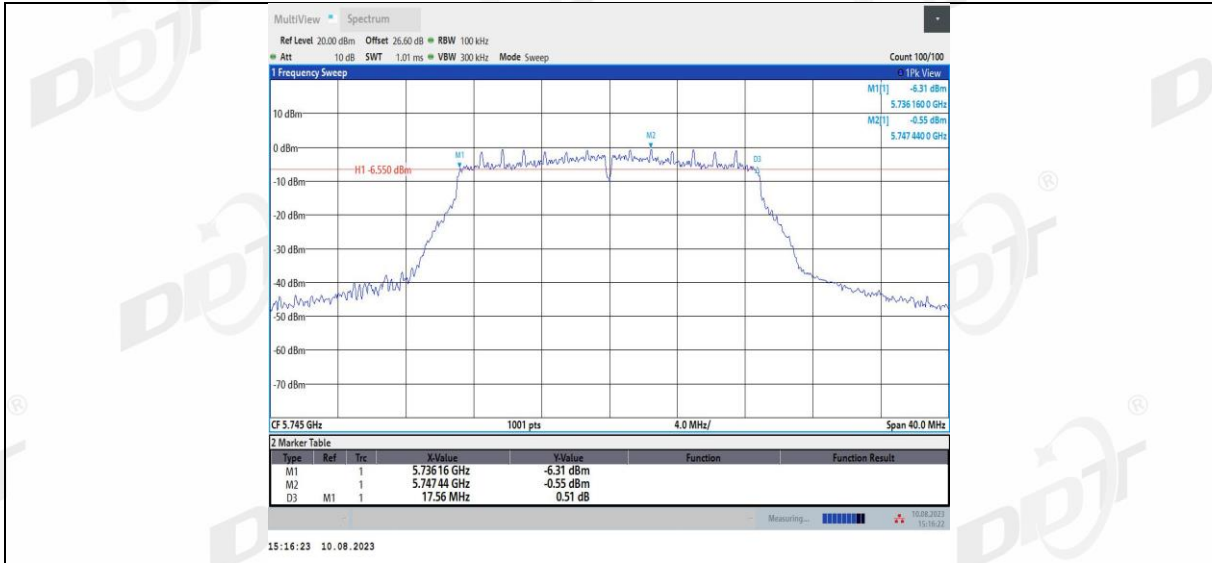
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant2	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant1	5825	16.32	5816.80	5833.12	0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	0.5	PASS
11N20MIMO	Ant1	5745	17.56	5736.16	5753.72	0.5	PASS
	Ant2	5745	17.60	5736.16	5753.76	0.5	PASS
	Ant1	5785	17.60	5776.16	5793.76	0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.16	5833.72	0.5	PASS
	Ant2	5825	17.60	5816.16	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	36.32	5776.84	5813.16	0.5	PASS
	Ant2	5795	36.32	5776.84	5813.16	0.5	PASS
11AC20MIMO	Ant1	5745	17.56	5736.16	5753.72	0.5	PASS
	Ant2	5745	17.60	5736.16	5753.76	0.5	PASS
	Ant1	5785	17.52	5776.20	5793.72	0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.16	5833.72	0.5	PASS
	Ant2	5825	17.56	5816.16	5833.72	0.5	PASS
11AC40MIMO	Ant1	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	36.32	5776.84	5813.16	0.5	PASS
	Ant2	5795	36.32	5776.84	5813.16	0.5	PASS
11AC80MIMO	Ant1	5775	76.48	5736.76	5813.24	0.5	PASS
	Ant2	5775	76.48	5736.76	5813.24	0.5	PASS

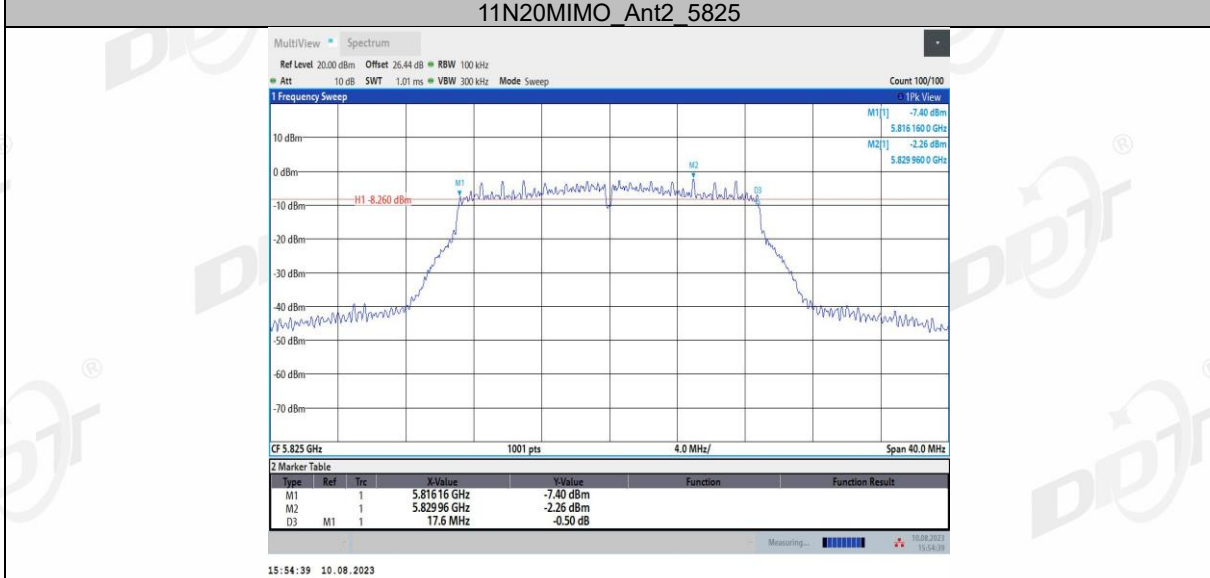
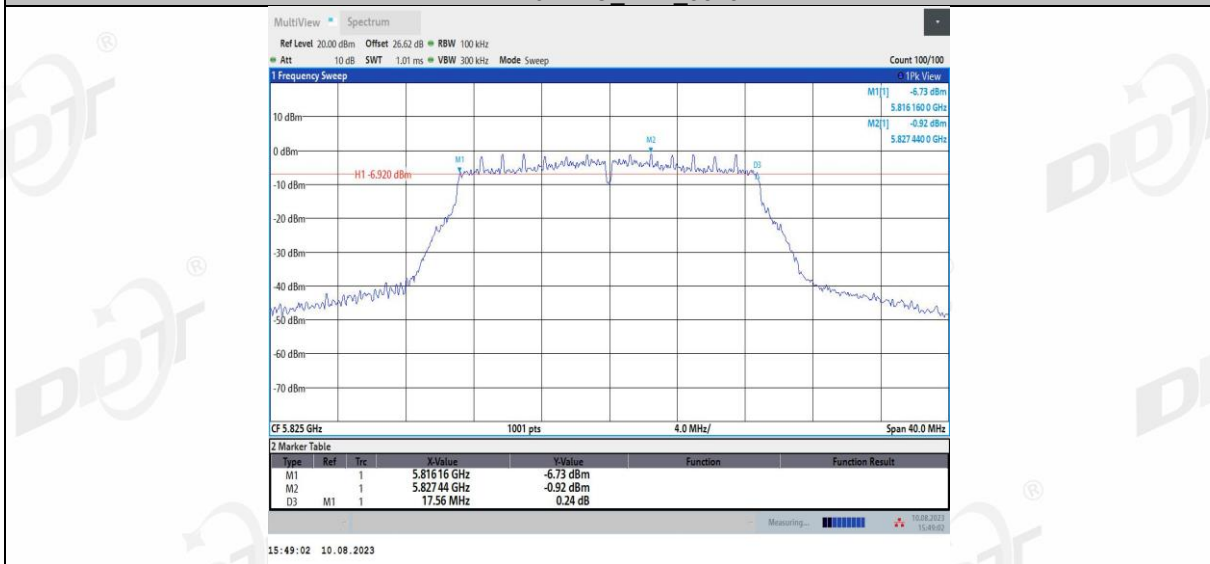
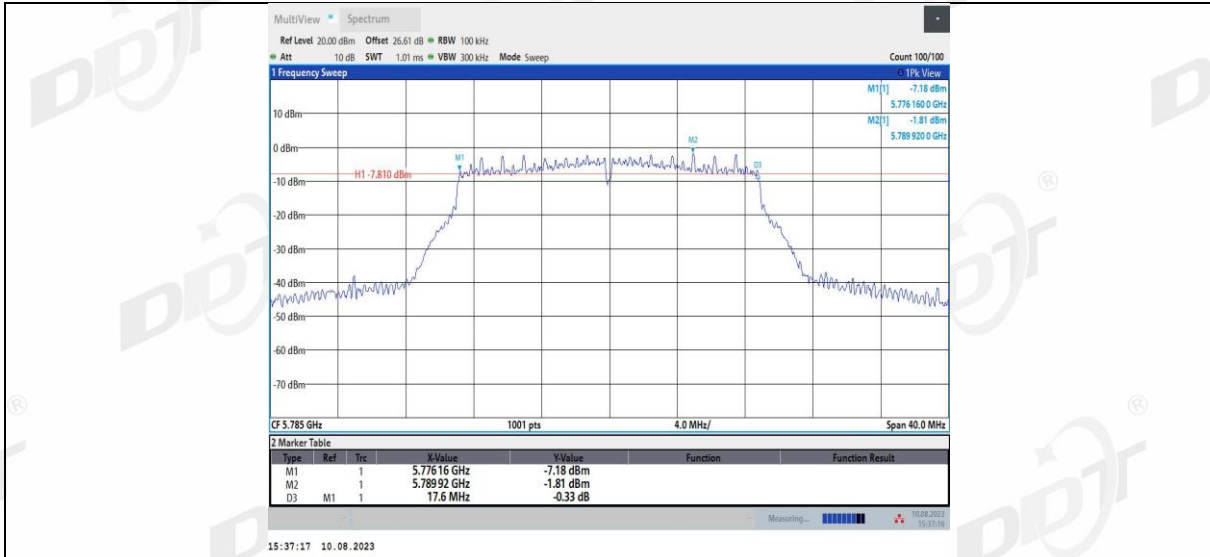
5.5. Test graphs B4

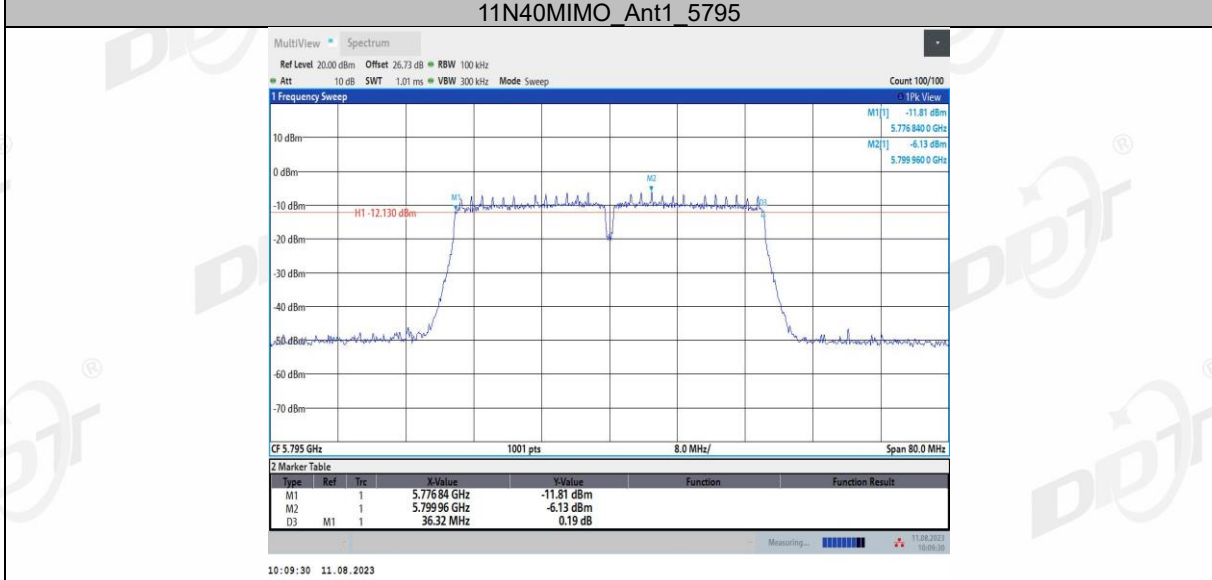
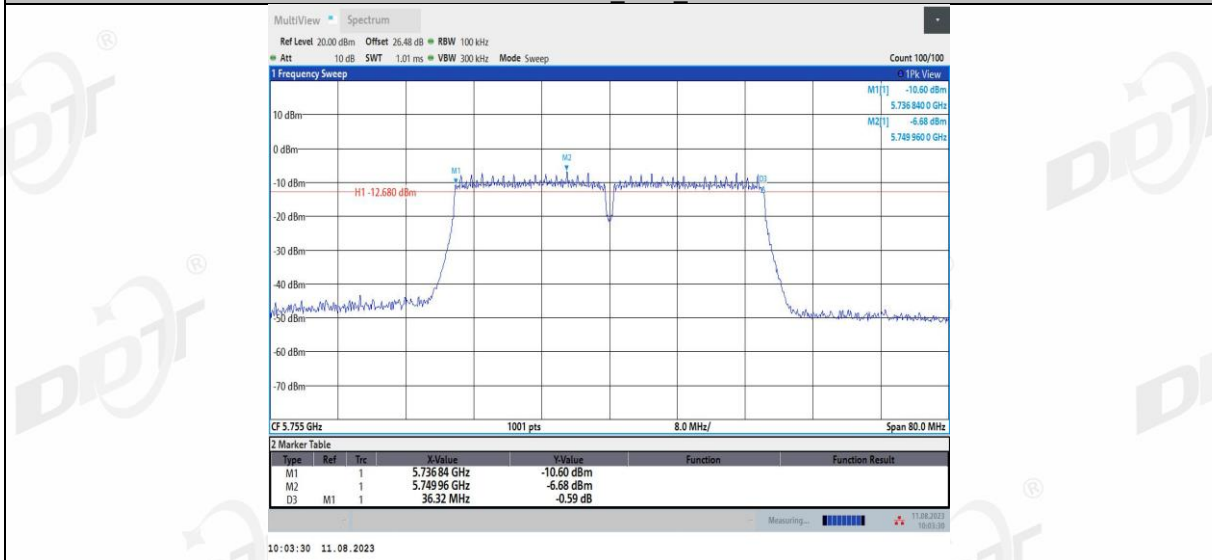
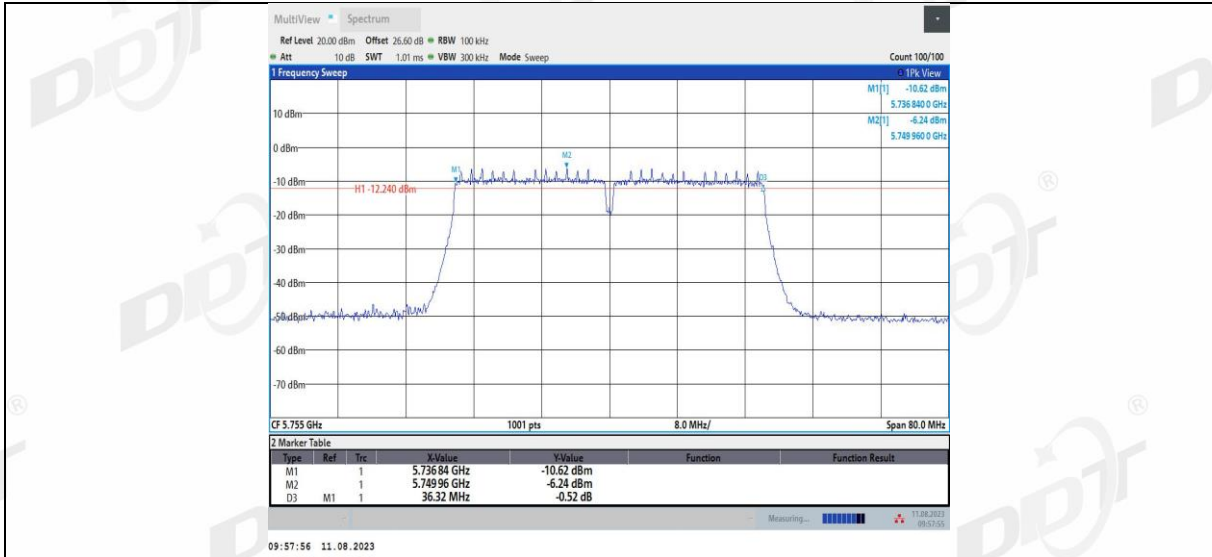


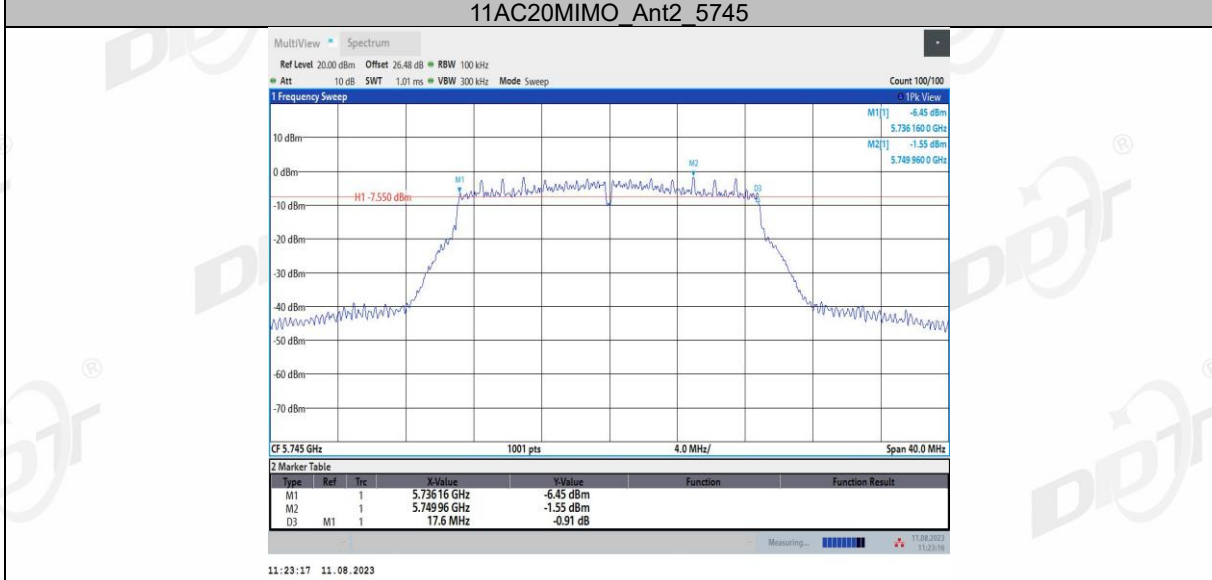
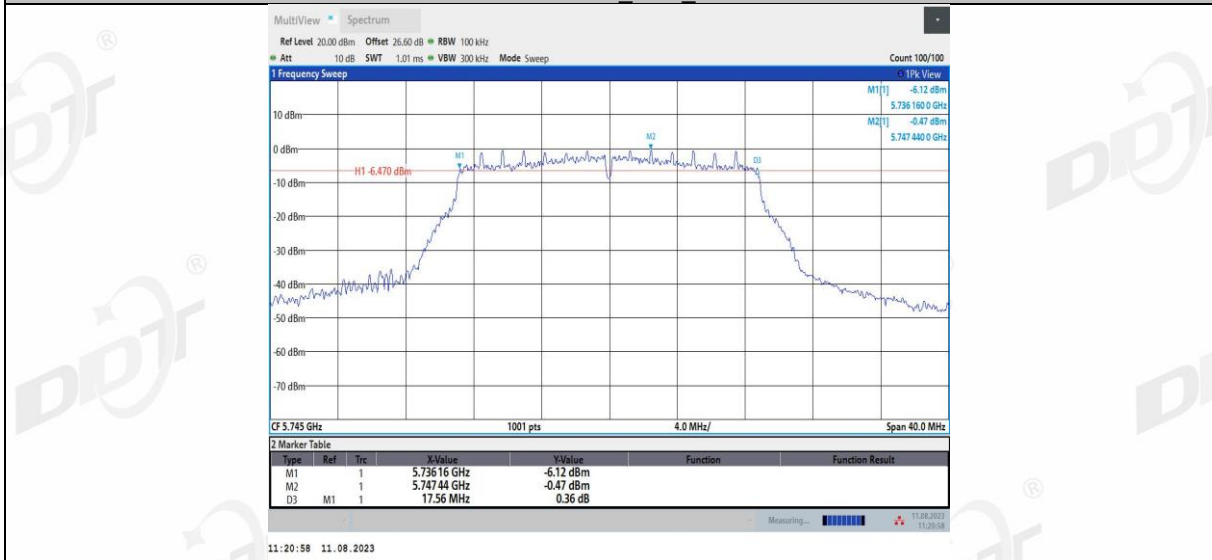
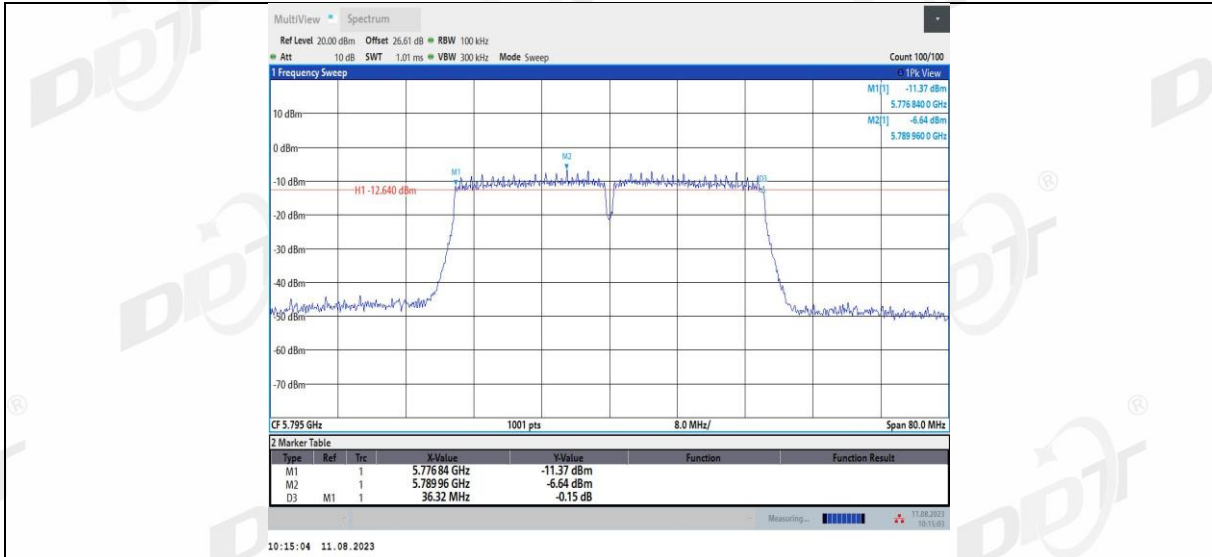


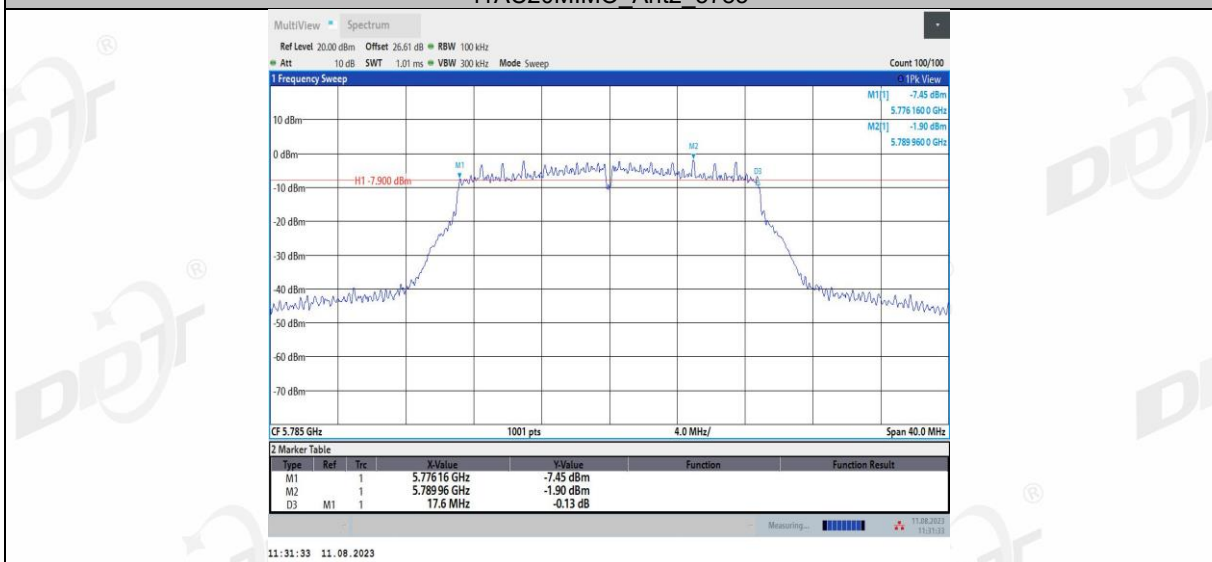
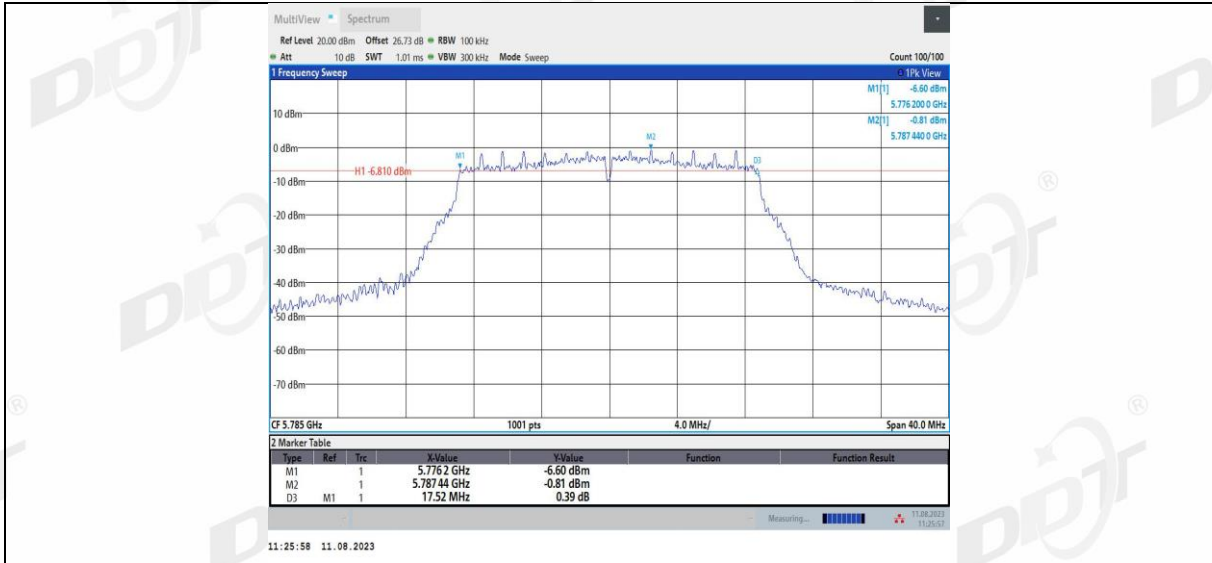
11N20MIMO Ant1 5745



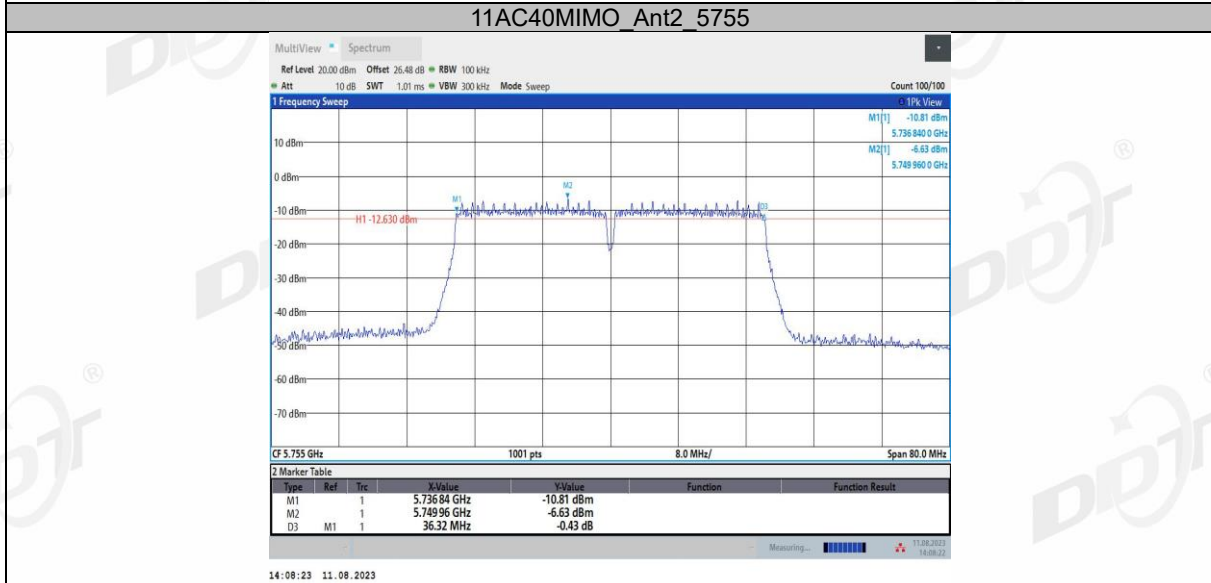
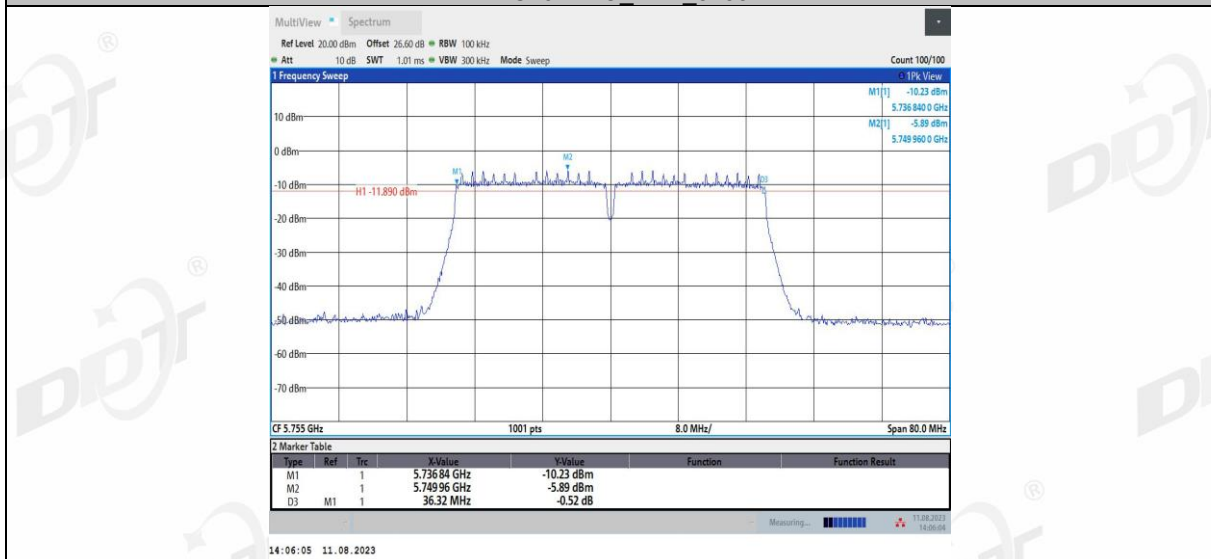
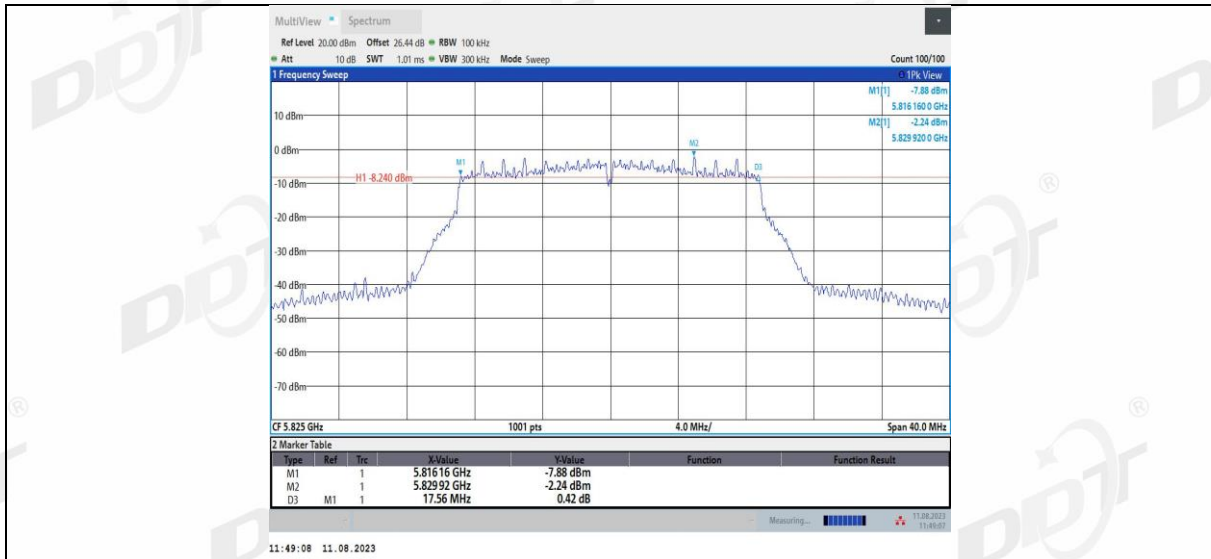


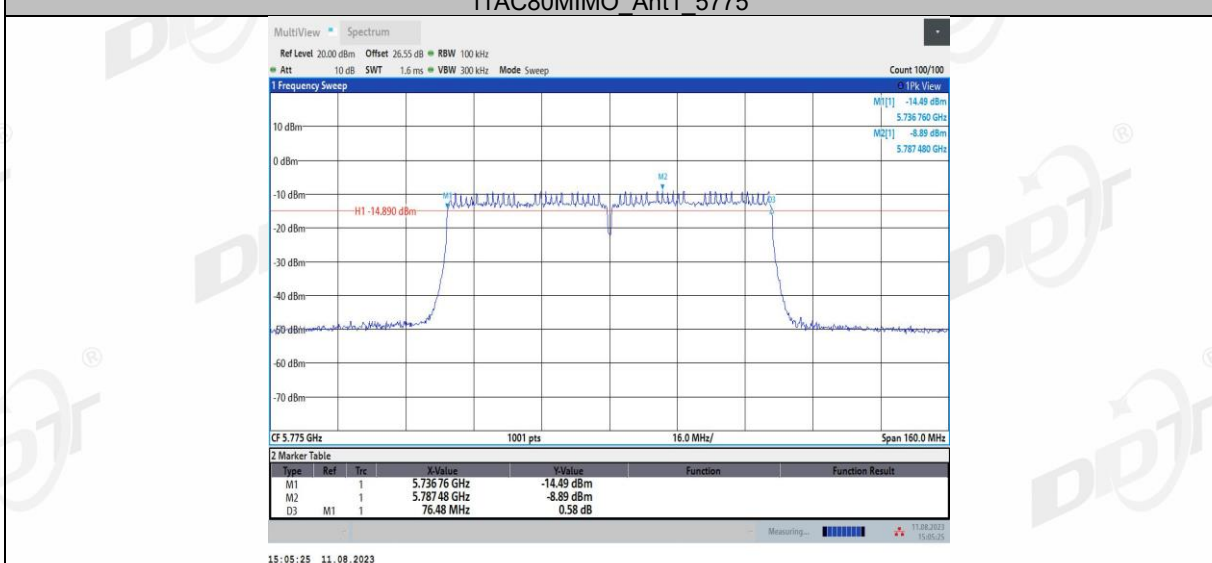
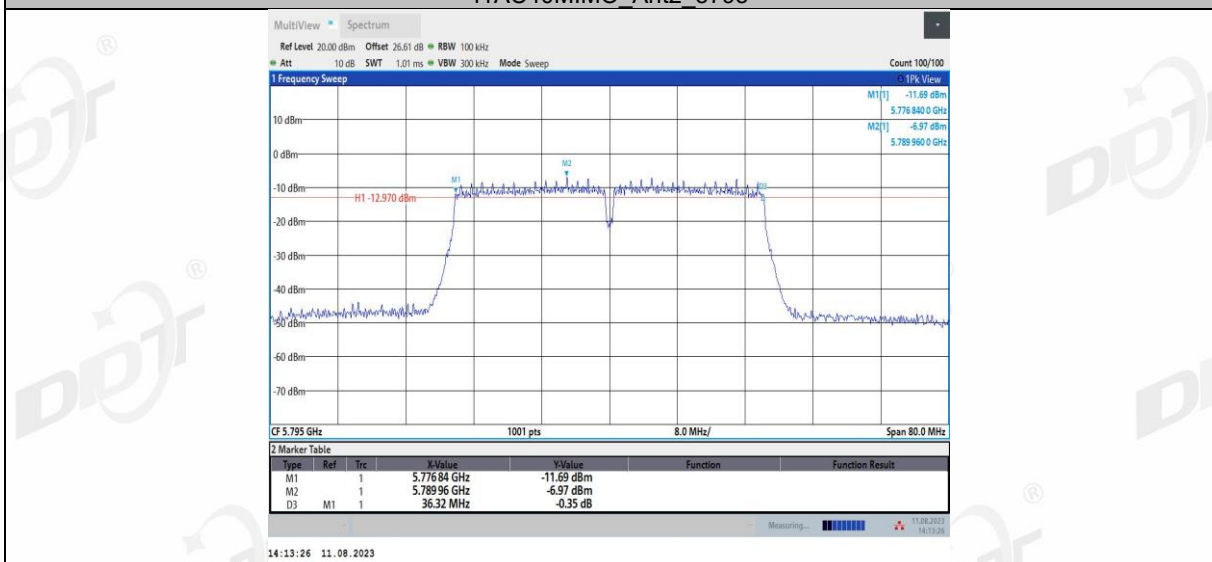
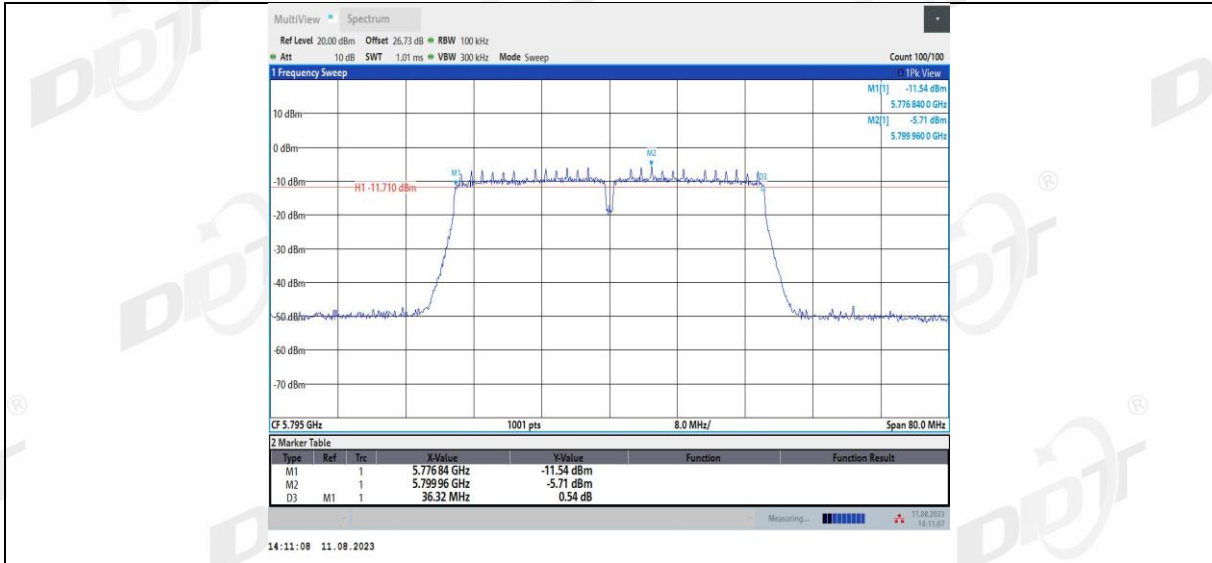


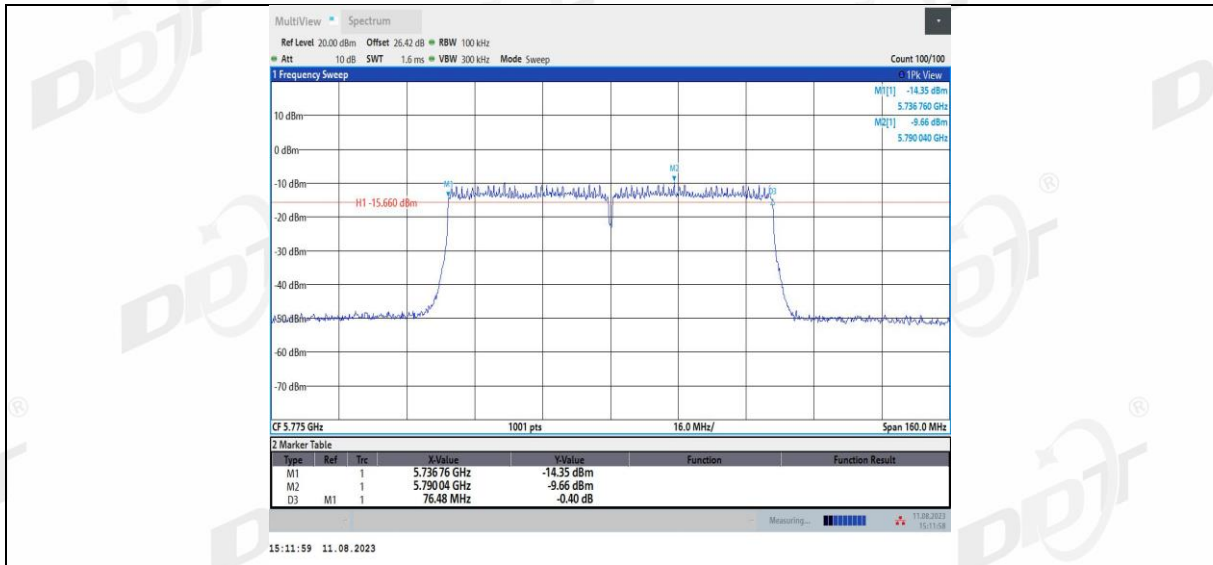






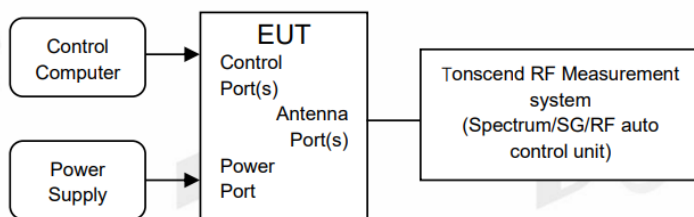






## 6. 99% Bandwidth

### 6.1. Block diagram of test setup



### 6.2. Limits

Just for Report.

### 6.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

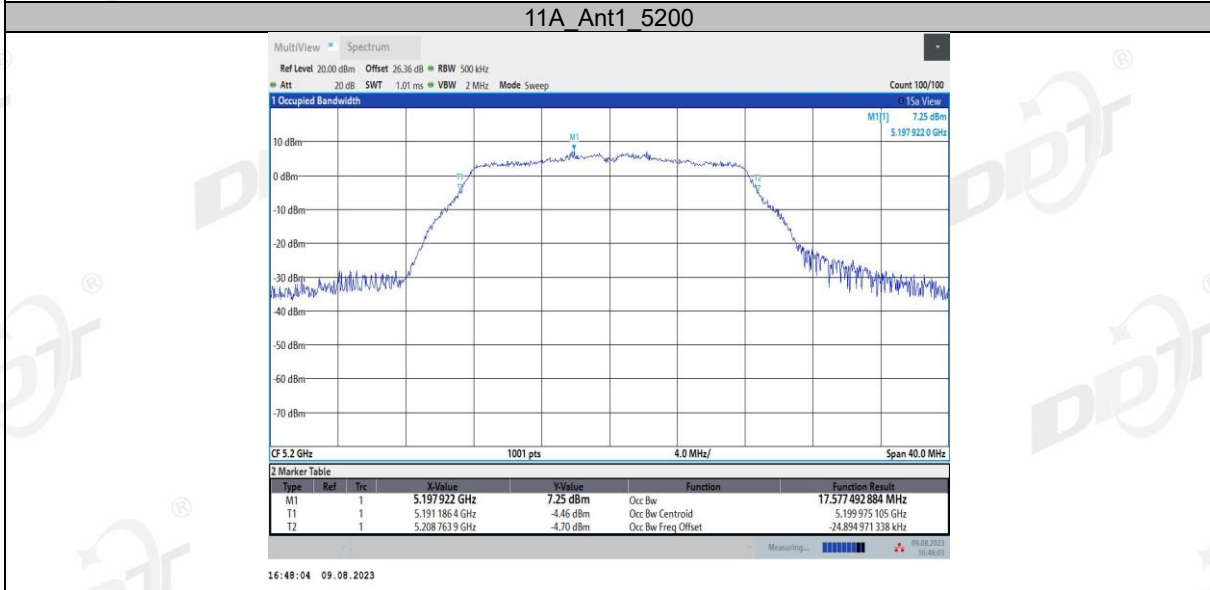
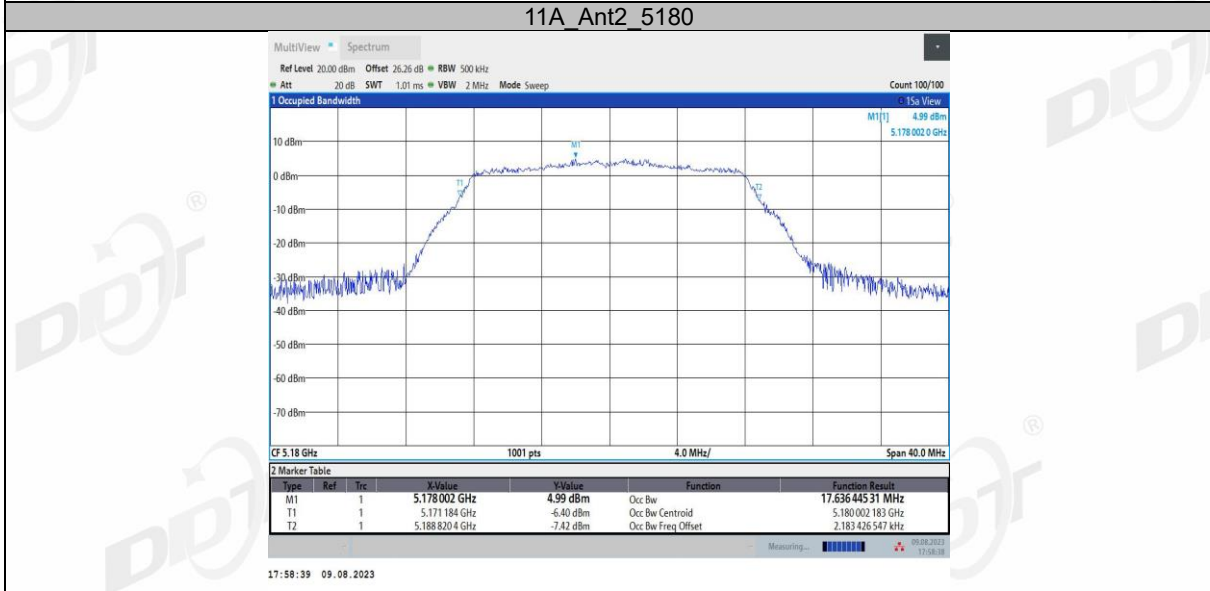
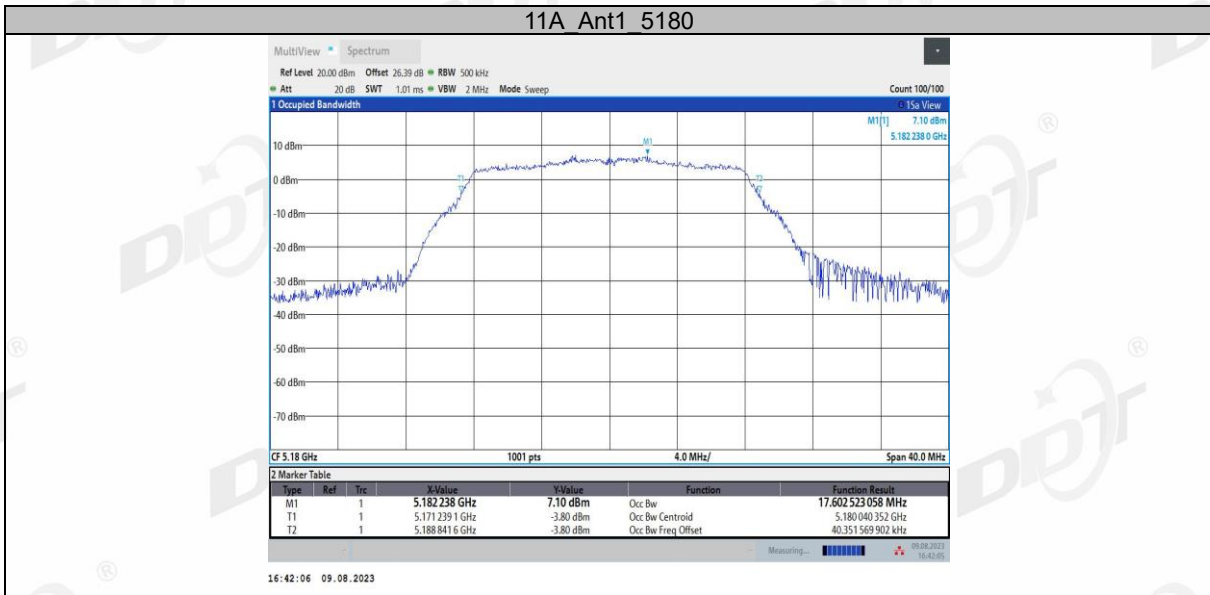
Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

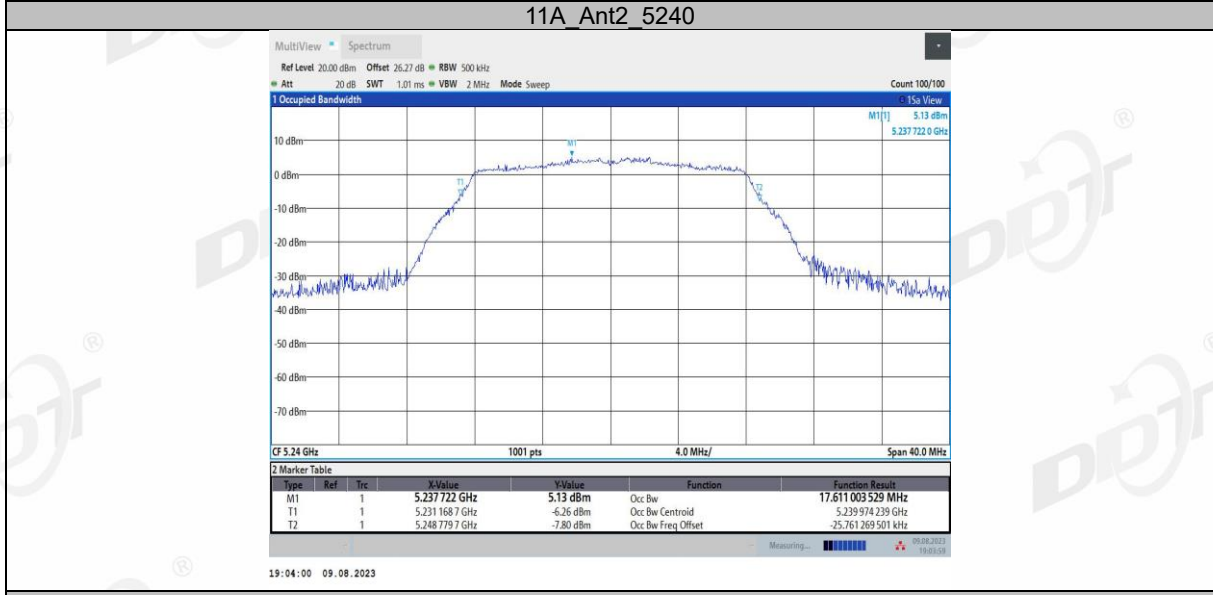
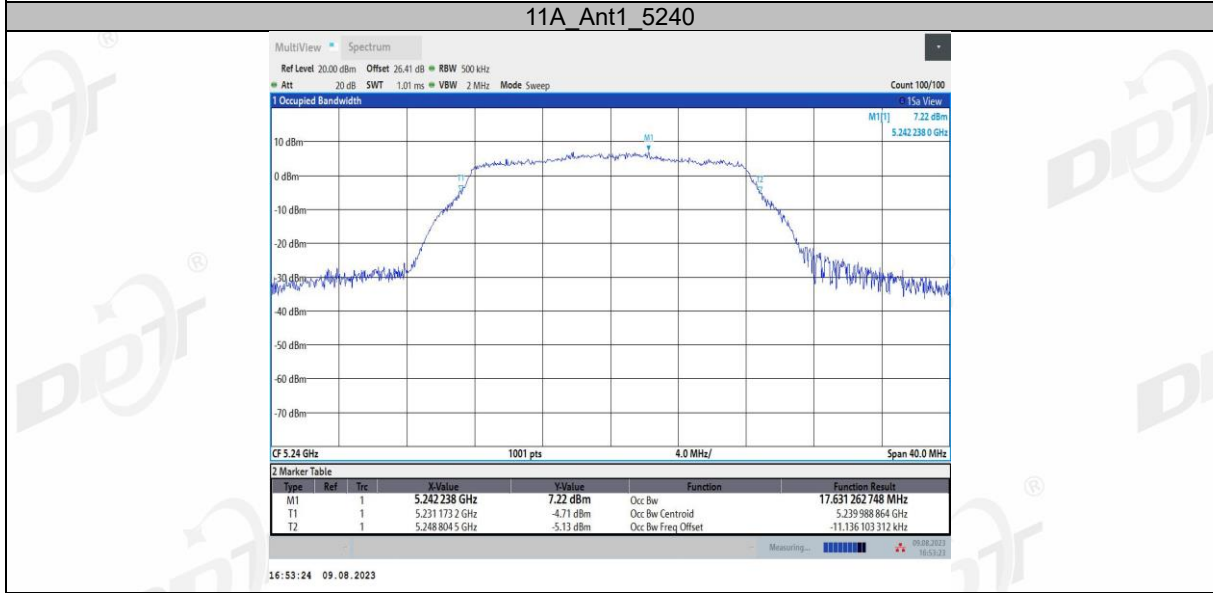
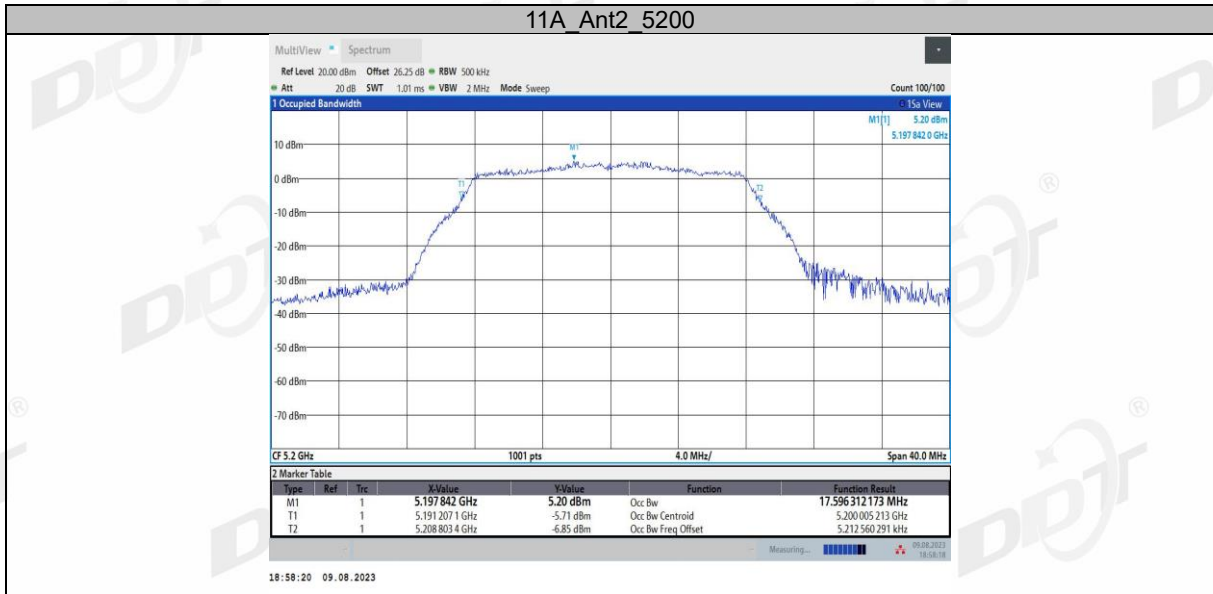
## 6.4. Test result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.603	5171.2391	5188.8416	---	---
	Ant2	5180	17.636	5171.1840	5188.8204	---	---
	Ant1	5200	17.577	5191.1864	5208.7639	---	---
	Ant2	5200	17.596	5191.2071	5208.8034	---	---
	Ant1	5240	17.631	5231.1732	5248.8045	---	---
	Ant2	5240	17.611	5231.1687	5248.7797	---	---
	Ant1	5260	17.571	5251.2368	5268.8074	---	---
	Ant2	5260	17.610	5251.1756	5268.7859	---	---
	Ant1	5280	17.577	5271.2016	5288.7787	---	---
	Ant2	5280	17.571	5271.1911	5288.7625	---	---
	Ant1	5320	17.577	5311.1891	5328.7660	---	---
	Ant2	5320	17.563	5311.1919	5328.7544	---	---
	Ant1	5500	17.603	5491.1791	5508.7822	---	---
	Ant2	5500	17.625	5491.1892	5508.8146	---	---
	Ant1	5580	17.644	5571.1847	5588.8287	---	---
	Ant2	5580	17.622	5571.1668	5588.7889	---	---
	Ant1	5700	17.555	5691.2067	5708.7621	---	---
	Ant2	5700	17.591	5691.2057	5708.7963	---	---
	Ant1	5745	17.557	5736.1980	5753.7550	---	---
	Ant2	5745	17.633	5736.1720	5753.8053	---	---
	Ant1	5785	17.545	5776.2567	5793.8013	---	---
	Ant2	5785	17.618	5776.2101	5793.8279	---	---
	Ant1	5825	17.595	5816.1958	5833.7910	---	---
	Ant2	5825	17.617	5816.1999	5833.8165	---	---
11N20MIMO	Ant1	5180	18.627	5170.6608	5189.2882	---	---
	Ant2	5180	18.149	5170.8937	5189.0428	---	---
	Ant1	5200	18.571	5190.6986	5209.2696	---	---
	Ant2	5200	18.112	5190.8921	5209.0044	---	---
	Ant1	5240	18.519	5230.7600	5249.2793	---	---
	Ant2	5240	18.062	5230.9464	5249.0084	---	---
	Ant1	5260	18.556	5250.7343	5269.2902	---	---
	Ant2	5260	18.092	5250.8978	5268.9898	---	---
	Ant1	5280	18.569	5270.7091	5289.2778	---	---
	Ant2	5280	18.064	5270.9390	5289.0030	---	---
	Ant1	5320	18.591	5310.6712	5329.2619	---	---
	Ant2	5320	18.066	5310.9604	5329.0264	---	---
	Ant1	5500	18.580	5490.6815	5509.2612	---	---
	Ant2	5500	18.088	5490.9453	5509.0334	---	---
	Ant1	5580	18.605	5570.6509	5589.2563	---	---
	Ant2	5580	18.104	5570.9149	5589.0188	---	---
	Ant1	5700	18.568	5690.6840	5709.2524	---	---
	Ant2	5700	18.032	5690.9614	5708.9937	---	---
	Ant1	5745	18.549	5735.6882	5754.2377	---	---
	Ant2	5745	18.069	5735.9378	5754.0069	---	---
	Ant1	5785	18.565	5775.7045	5794.2697	---	---
	Ant2	5785	18.051	5775.9712	5794.0218	---	---
	Ant1	5825	18.537	5815.7122	5834.2495	---	---
	Ant2	5825	18.082	5815.9251	5834.0071	---	---
11N40MIMO	Ant1	5190	36.769	5171.6123	5208.3808	---	---
	Ant2	5190	36.615	5171.6927	5208.3074	---	---
	Ant1	5230	36.808	5211.5941	5248.4022	---	---
	Ant2	5230	36.652	5211.6565	5248.3083	---	---
	Ant1	5270	36.759	5251.6376	5288.3970	---	---
	Ant2	5270	36.669	5251.6330	5288.3017	---	---
	Ant1	5310	36.766	5291.5852	5328.3513	---	---
	Ant2	5310	36.641	5291.6568	5328.2974	---	---
	Ant1	5510	36.834	5491.5297	5528.3641	---	---
	Ant2	5510	36.670	5491.6594	5528.3299	---	---
	Ant1	5550	36.708	5531.6212	5568.3287	---	---
	Ant2	5550	36.614	5531.6467	5568.2608	---	---

	Ant1	5670	36.779	5651.6054	5688.3844	---	---	
	Ant2	5670	36.652	5651.6592	5688.3116	---	---	
	Ant1	5755	36.783	5736.5241	5773.3075	---	---	
	Ant2	5755	36.678	5736.6038	5773.2814	---	---	
	Ant1	5795	36.584	5776.6483	5813.2328	---	---	
	Ant2	5795	36.553	5776.6663	5813.2191	---	---	
11AC20MIMO	Ant1	5180	18.639	5170.6504	5189.2895	---	---	
	Ant2	5180	18.114	5170.9143	5189.0283	---	---	
	Ant1	5200	18.565	5190.6890	5209.2535	---	---	
	Ant2	5200	18.075	5190.9401	5209.0146	---	---	
	Ant1	5240	18.567	5230.7047	5249.2716	---	---	
	Ant2	5240	18.063	5230.9372	5249.0005	---	---	
	Ant1	5260	18.551	5250.7034	5269.2542	---	---	
	Ant2	5260	18.065	5250.9291	5268.9944	---	---	
	Ant1	5280	18.620	5270.6519	5289.2716	---	---	
	Ant2	5280	18.103	5270.9015	5289.0045	---	---	
	Ant1	5320	18.562	5310.6963	5329.2586	---	---	
	Ant2	5320	18.056	5310.9484	5329.0044	---	---	
	Ant1	5500	18.585	5490.7081	5509.2930	---	---	
	Ant2	5500	18.087	5490.9510	5509.0381	---	---	
	Ant1	5580	18.606	5570.6634	5589.2698	---	---	
	Ant2	5580	18.101	5570.9066	5589.0078	---	---	
	Ant1	5700	18.590	5690.6821	5709.2724	---	---	
	Ant2	5700	18.057	5690.9534	5709.0107	---	---	
	Ant1	5745	18.540	5735.6821	5754.2222	---	---	
	Ant2	5745	18.038	5735.9555	5753.9934	---	---	
	Ant1	5785	18.492	5775.7530	5794.2447	---	---	
	Ant2	5785	18.054	5775.9616	5794.0155	---	---	
	Ant1	5825	18.571	5815.6671	5834.2377	---	---	
	Ant2	5825	18.060	5815.9499	5834.0096	---	---	
11AC40MIMO	Ant1	5190	36.755	5171.6159	5208.3712	---	---	
	Ant2	5190	36.612	5171.6467	5208.2589	---	---	
	Ant1	5230	36.715	5211.6097	5248.3247	---	---	
	Ant2	5230	36.693	5211.6293	5248.3224	---	---	
	Ant1	5270	36.766	5251.6181	5288.3842	---	---	
	Ant2	5270	36.632	5251.6218	5288.2533	---	---	
	Ant1	5310	36.788	5291.5438	5328.3320	---	---	
	Ant2	5310	36.622	5291.6297	5328.2515	---	---	
	Ant1	5510	36.783	5491.6117	5528.3943	---	---	
	Ant2	5510	36.732	5491.6151	5528.3474	---	---	
	Ant1	5550	36.797	5531.5979	5568.3946	---	---	
	Ant2	5550	36.630	5531.6490	5568.2786	---	---	
	Ant1	5670	36.779	5651.5950	5688.3736	---	---	
	Ant2	5670	36.664	5651.6651	5688.3288	---	---	
	Ant1	5755	36.701	5736.5729	5773.2739	---	---	
	Ant2	5755	36.658	5736.5824	5773.2404	---	---	
	Ant1	5795	36.627	5776.6441	5813.2715	---	---	
	Ant2	5795	36.513	5776.6836	5813.1966	---	---	
	11AC80MIMO	Ant1	5210	76.224	5171.8463	5248.0699	---	---
		Ant2	5210	76.135	5171.8828	5248.0181	---	---
Ant1		5290	76.223	5251.8600	5328.0831	---	---	
Ant2		5290	76.150	5251.8683	5328.0187	---	---	
Ant1		5530	76.160	5491.9237	5568.0840	---	---	
Ant2		5530	75.990	5492.0062	5567.9959	---	---	
Ant1		5610	76.297	5571.8834	5648.1809	---	---	
Ant2		5610	76.097	5571.9525	5648.0494	---	---	
Ant1	5775	76.496	5736.7381	5813.2342	---	---		
Ant2	5775	76.226	5736.8058	5813.0321	---	---		

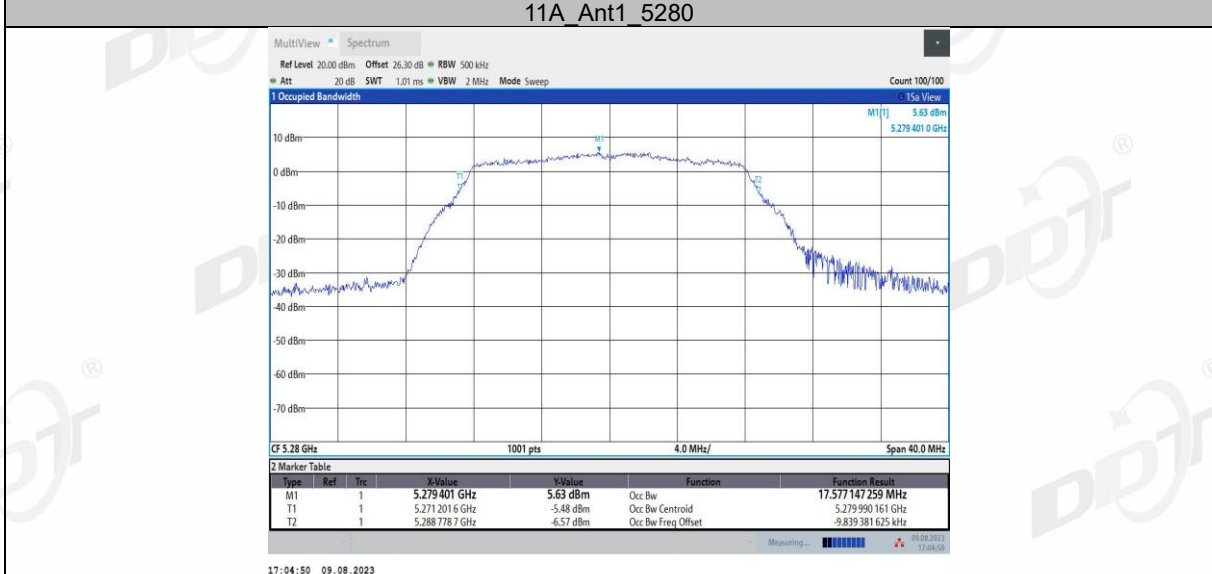
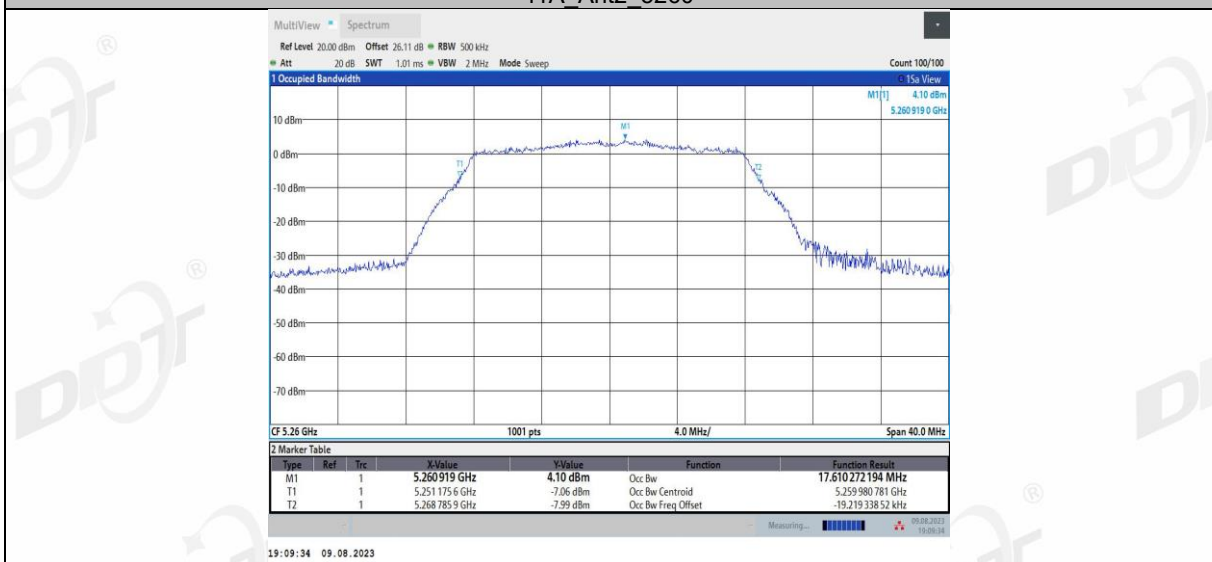
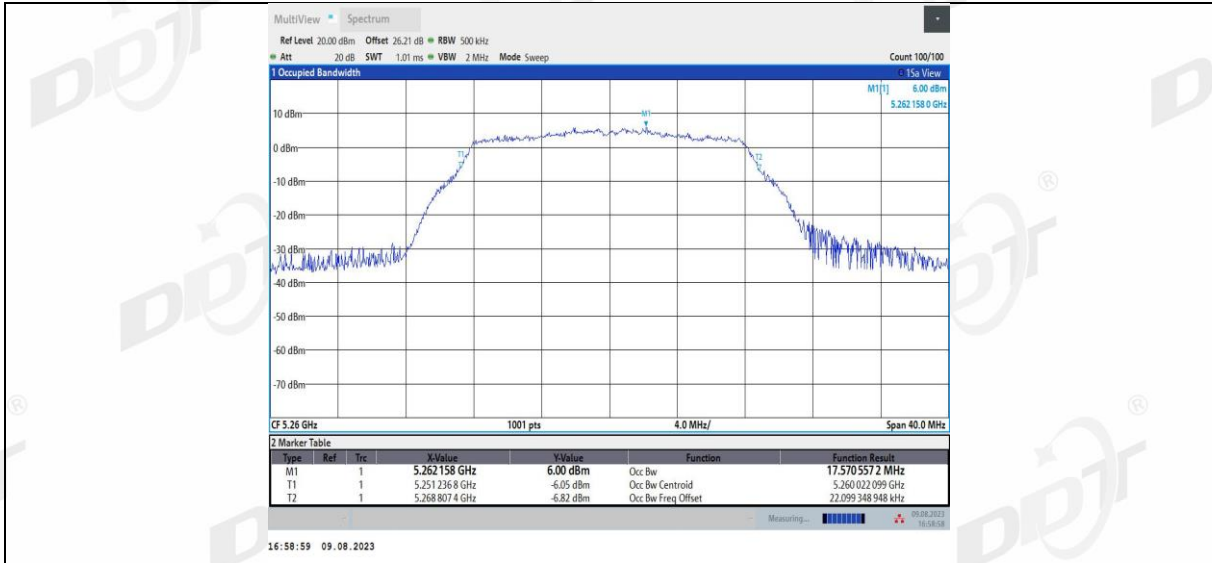
6.5. Test graphs



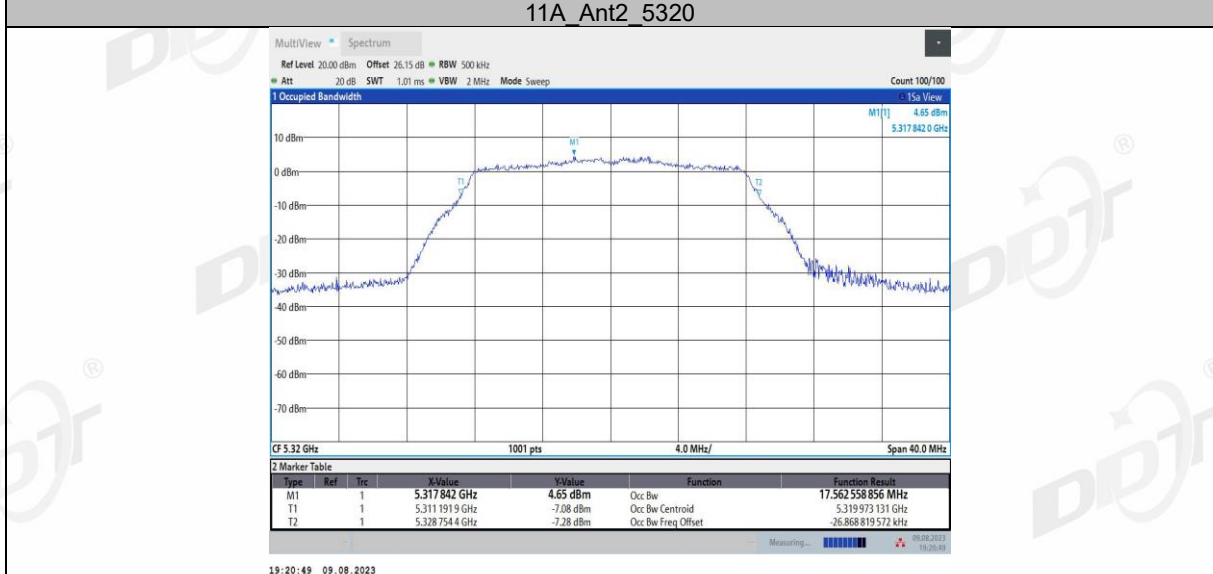
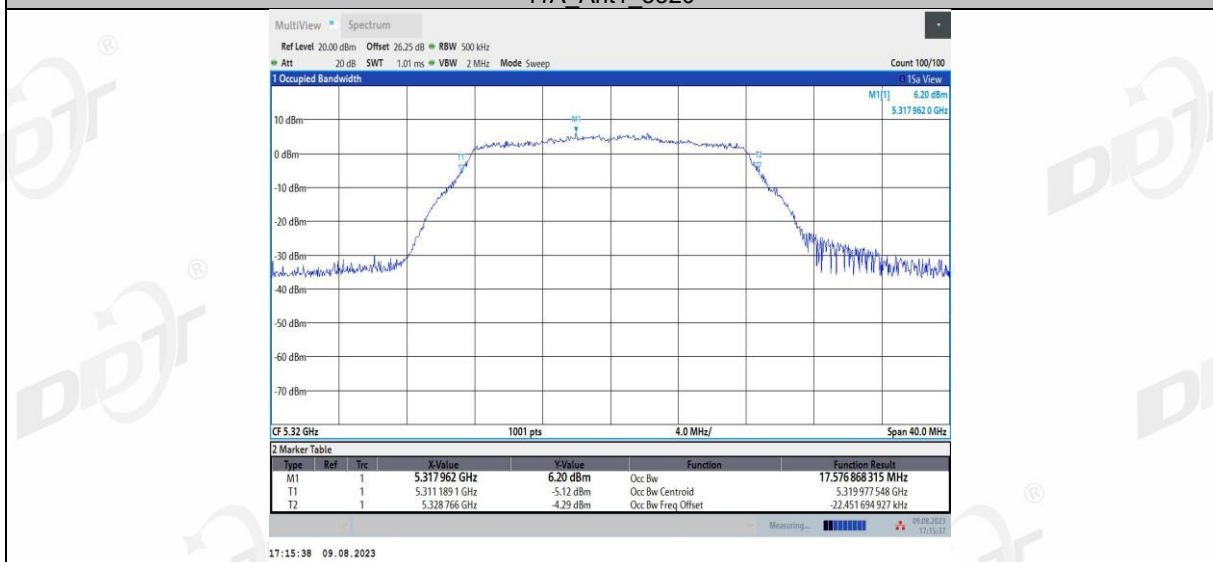
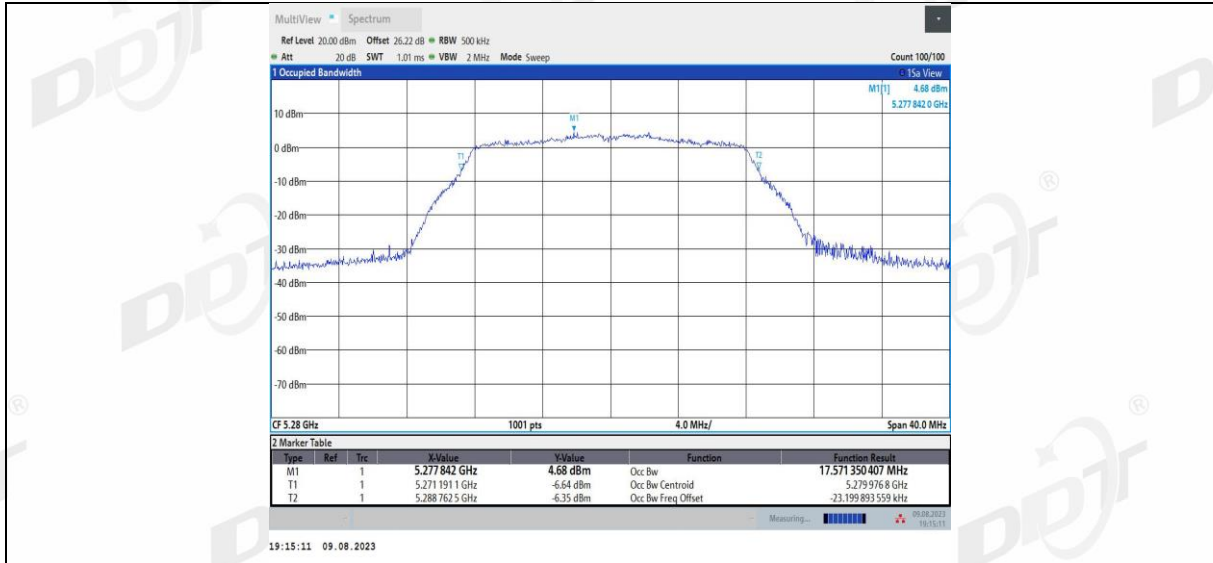


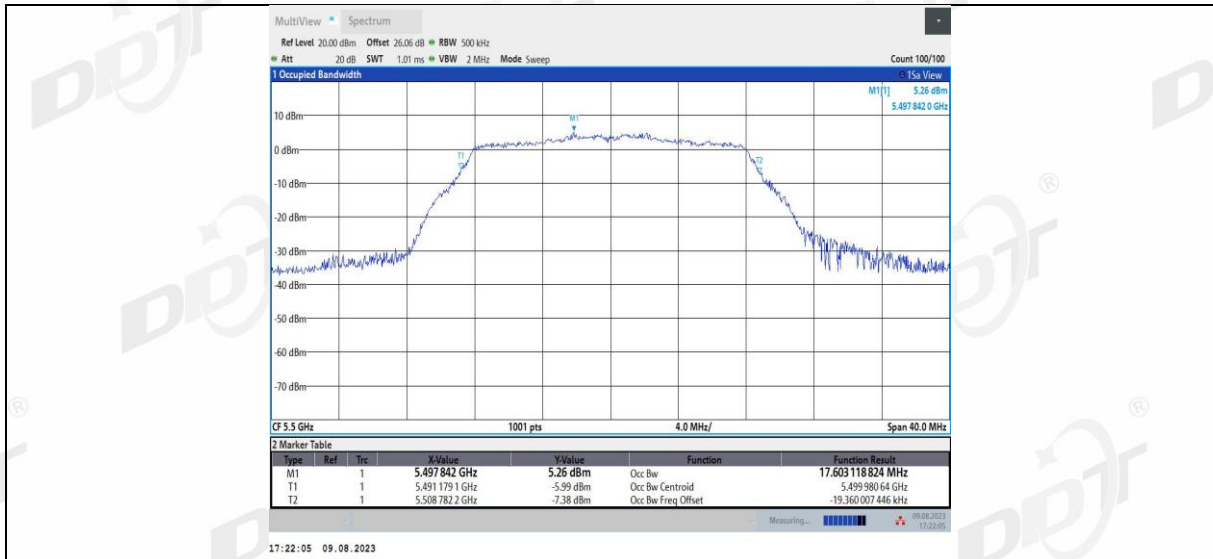
### 11A Ant1 5260



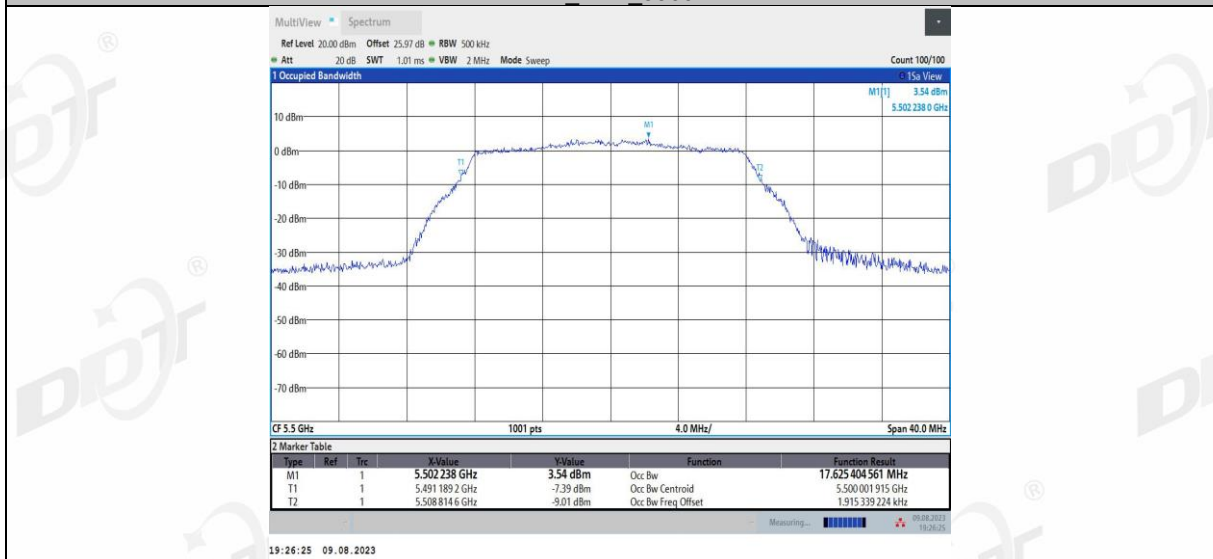


11A Ant2 5280

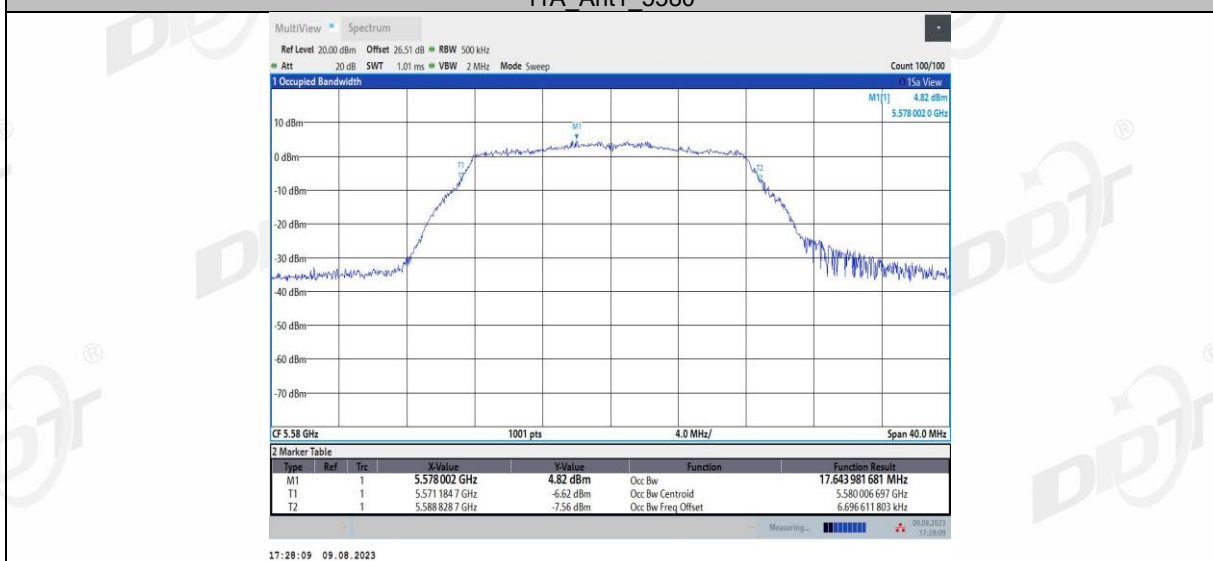




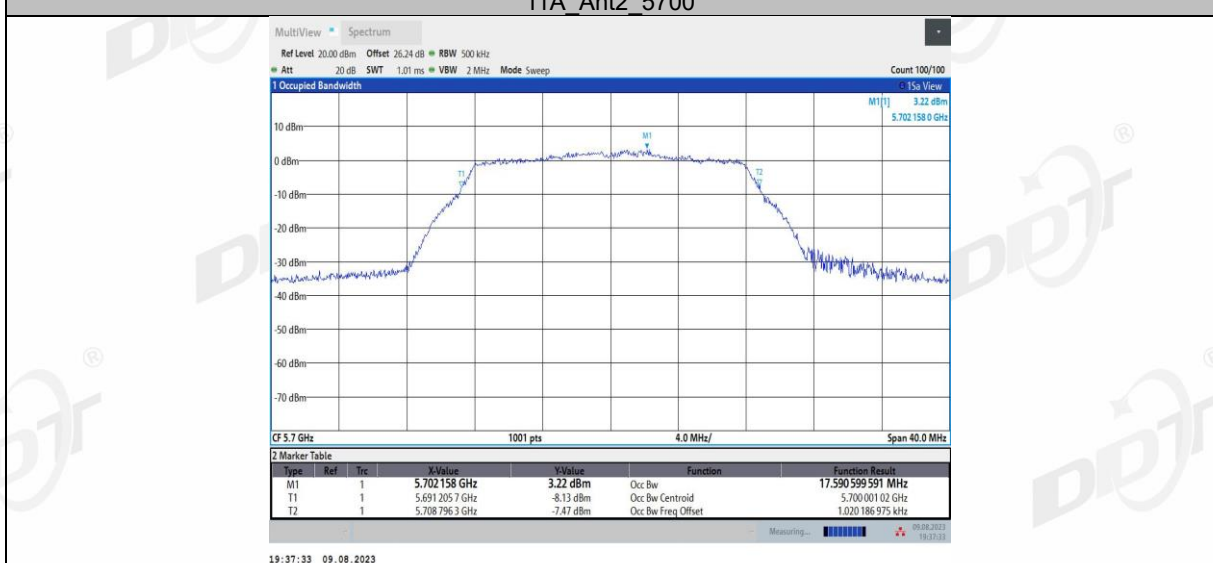
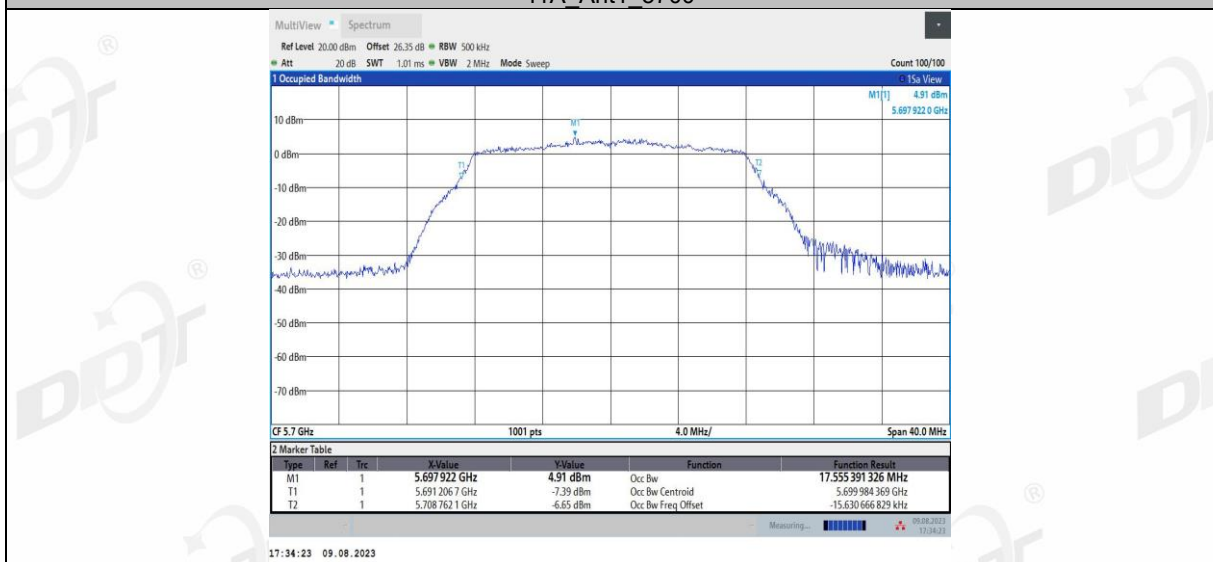
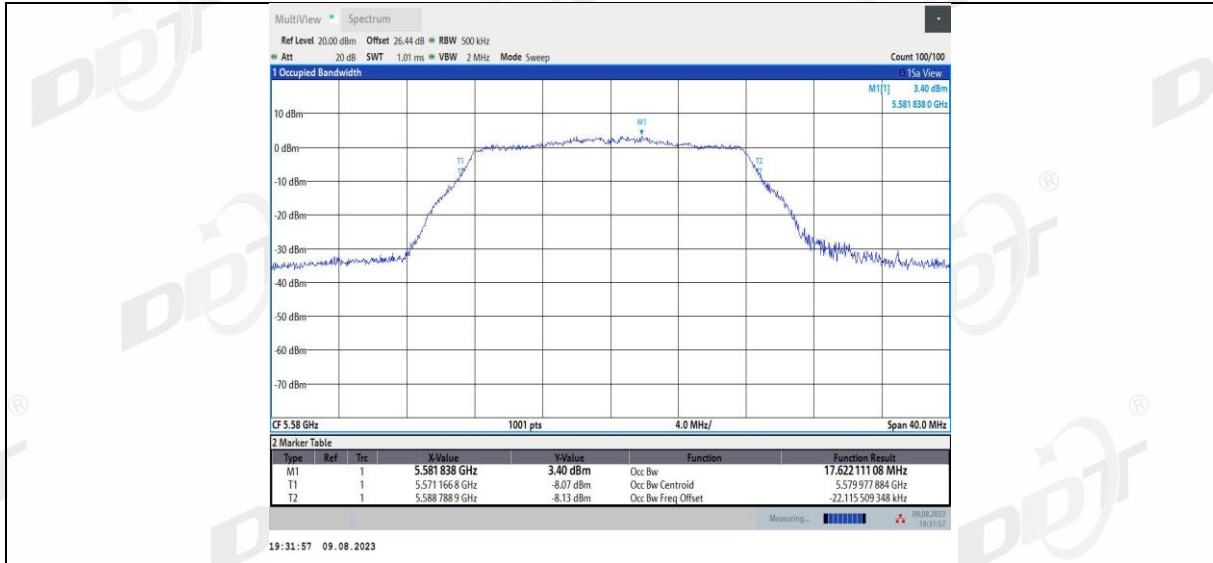
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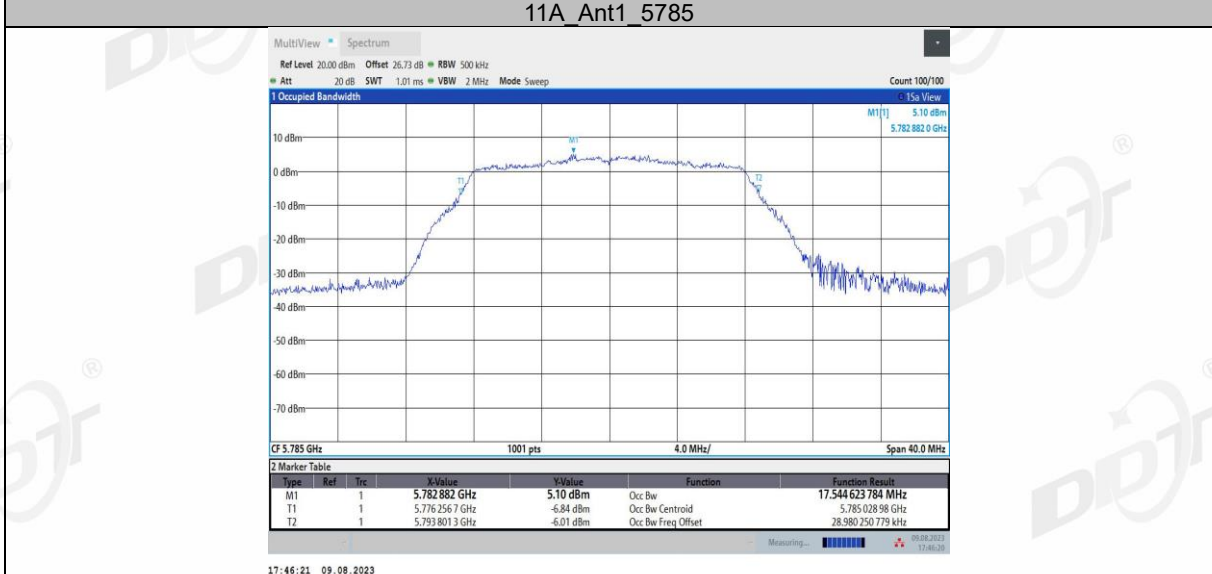
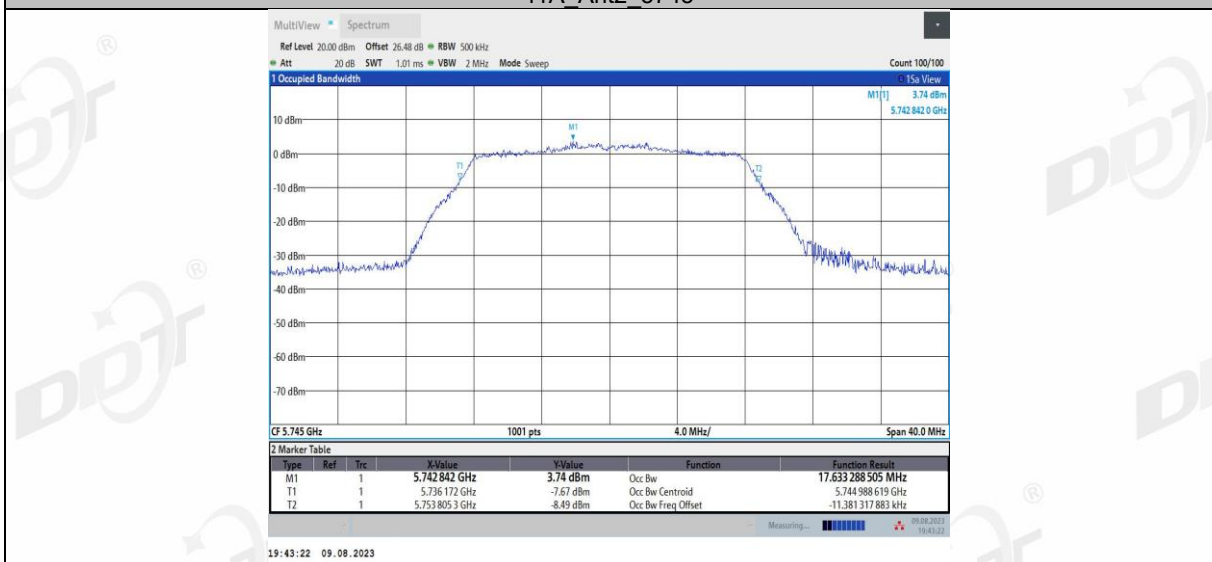
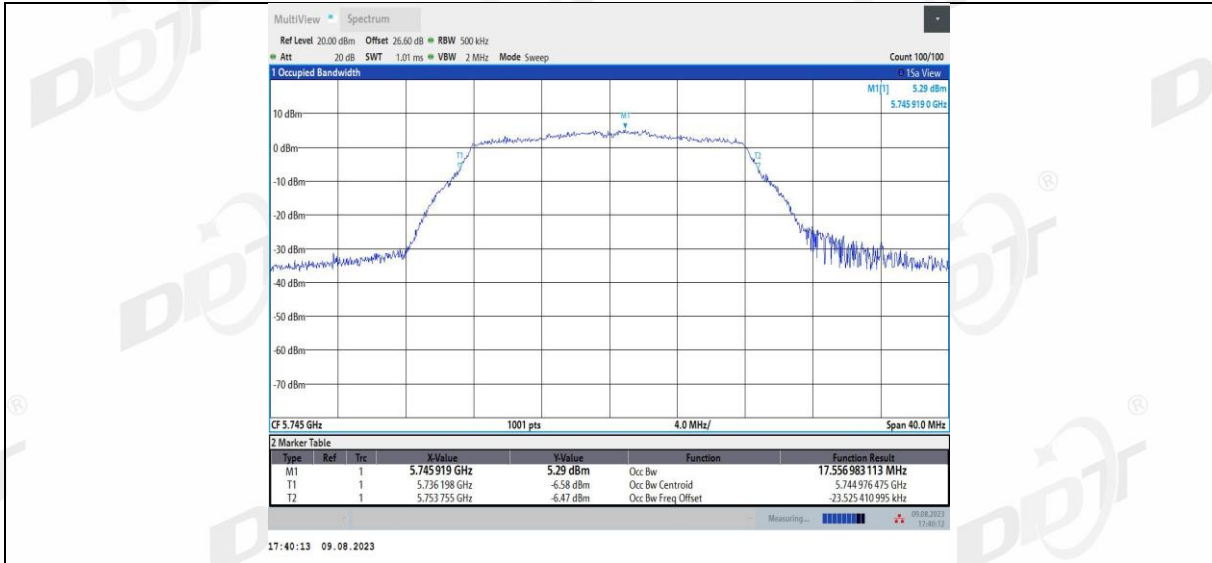


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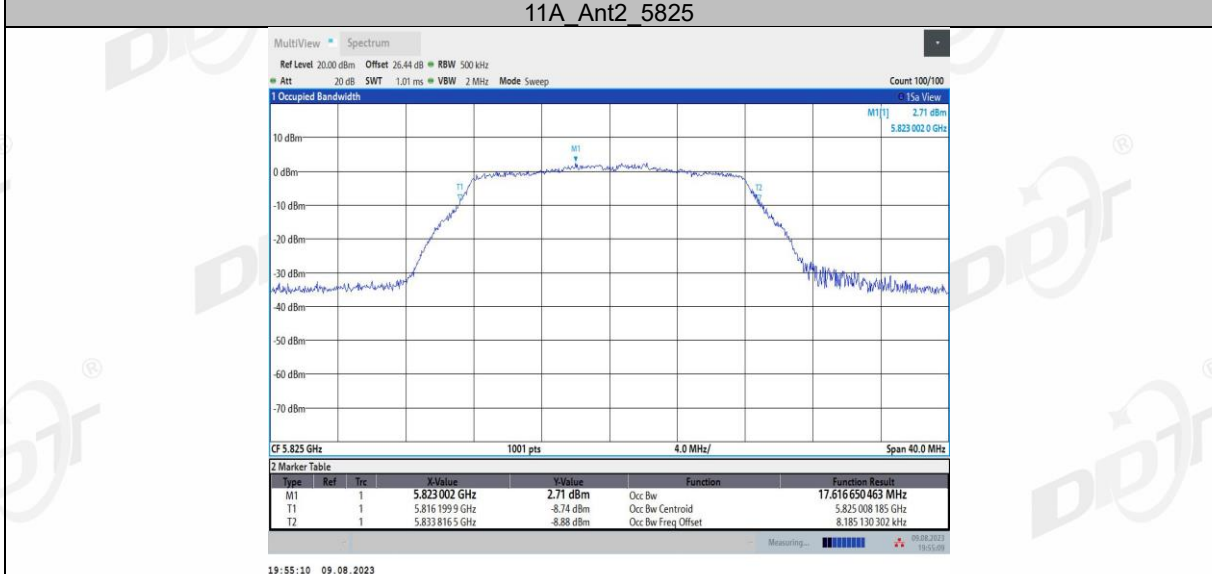
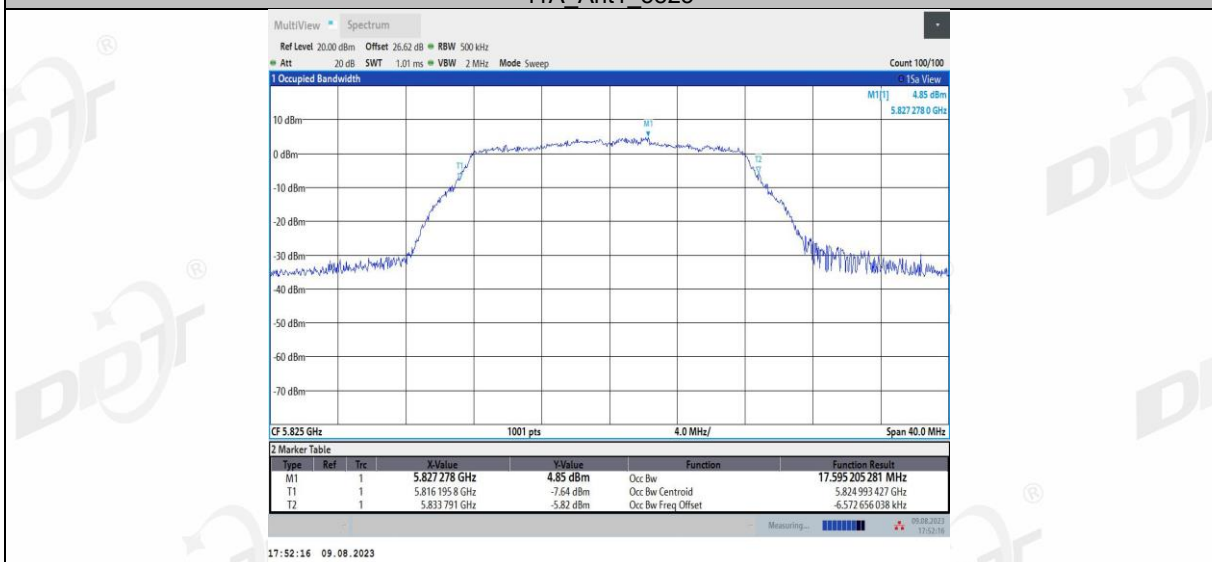
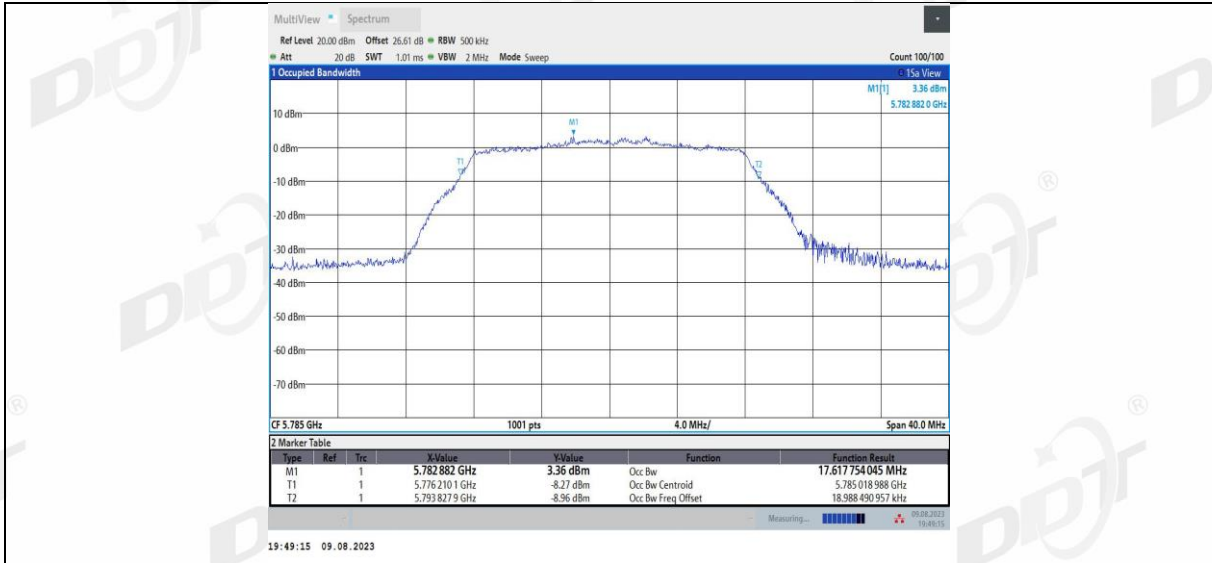


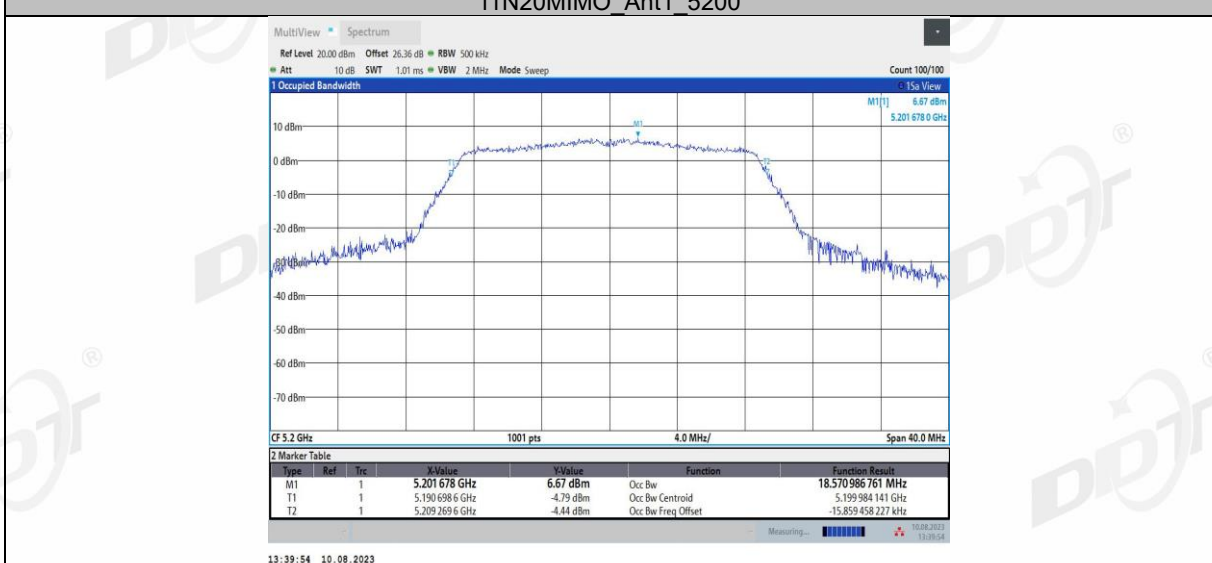
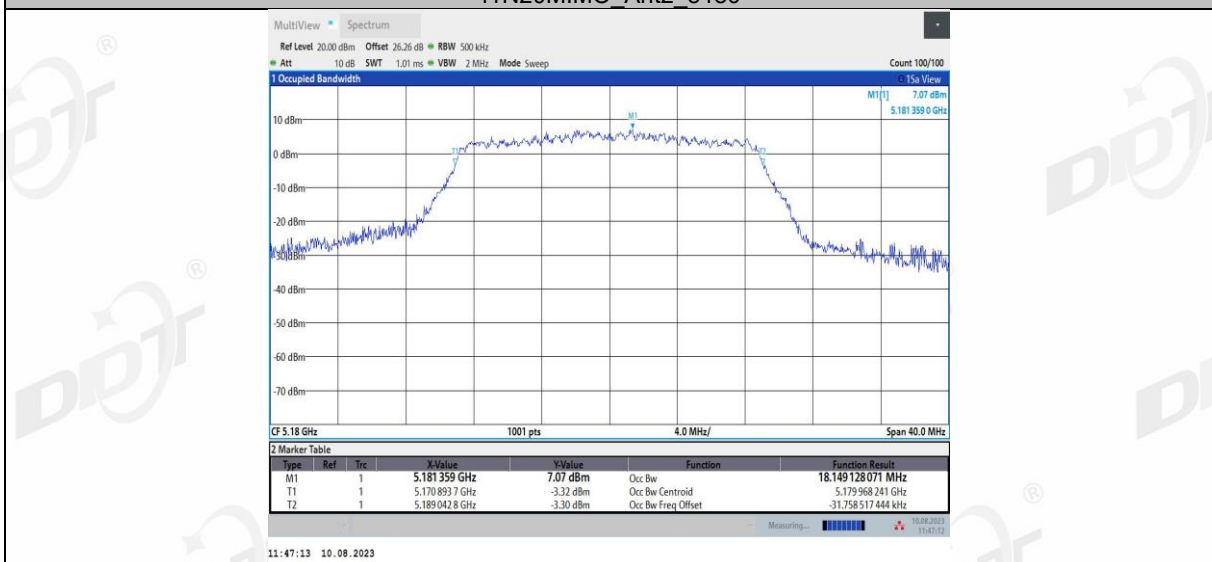
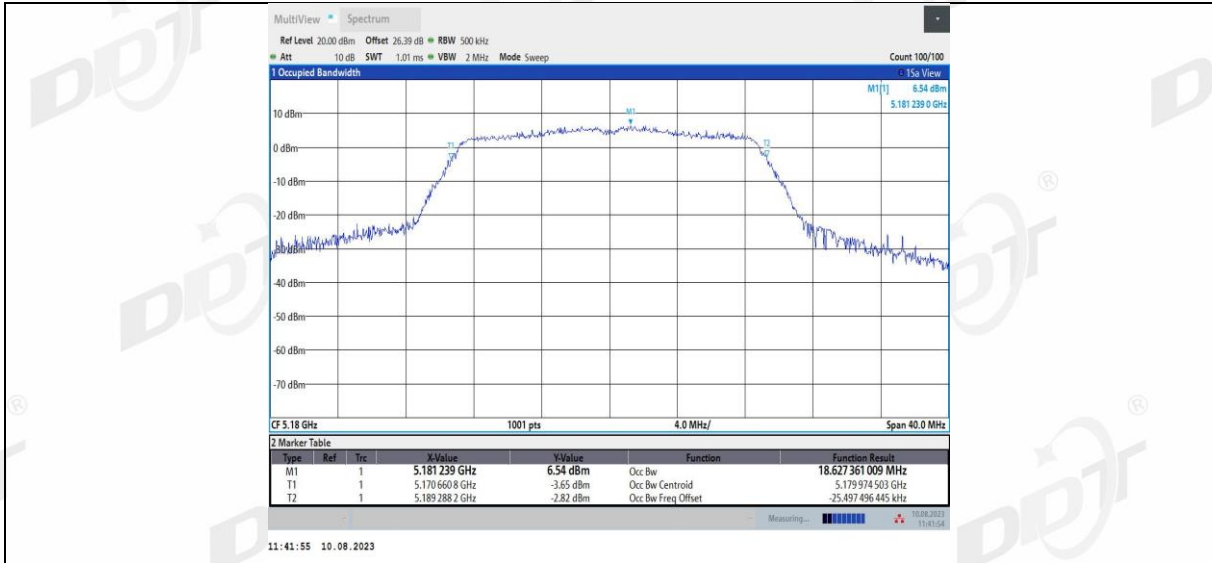
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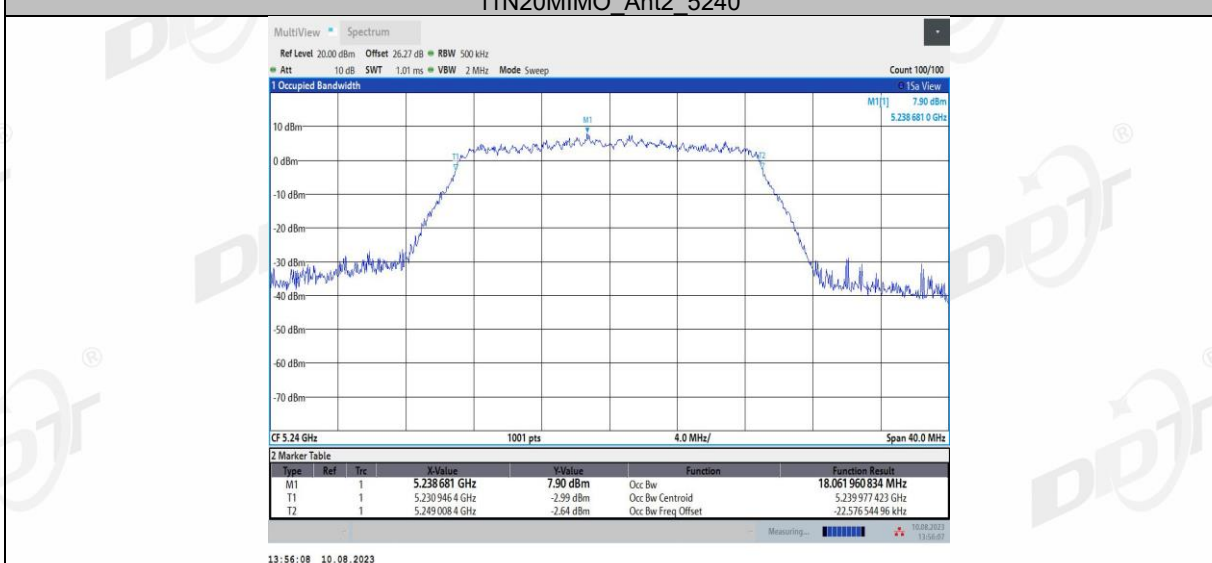
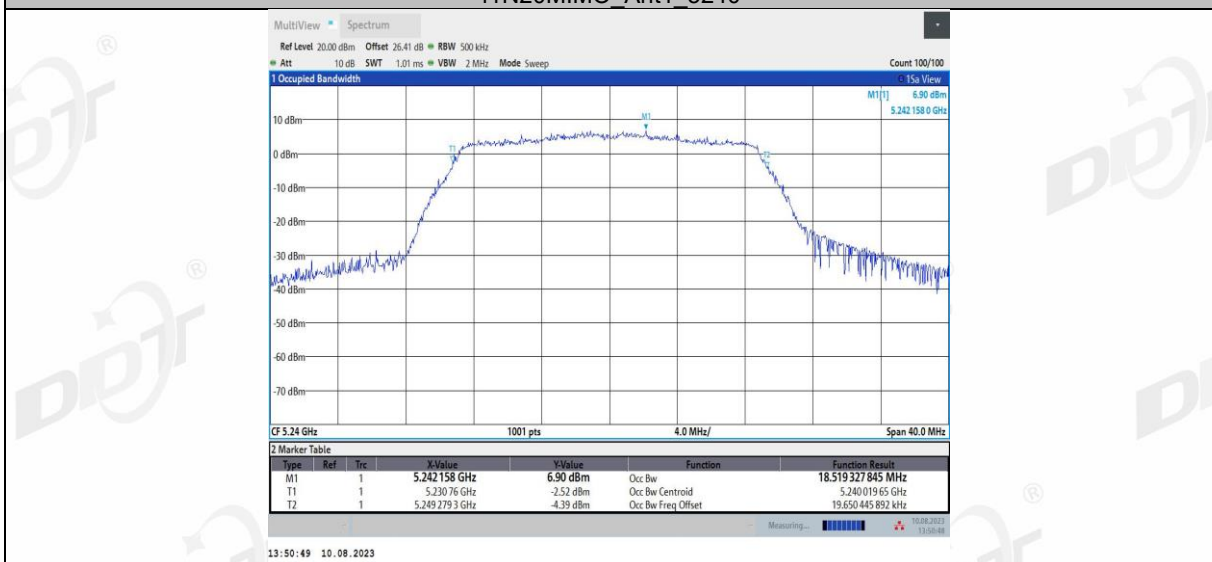
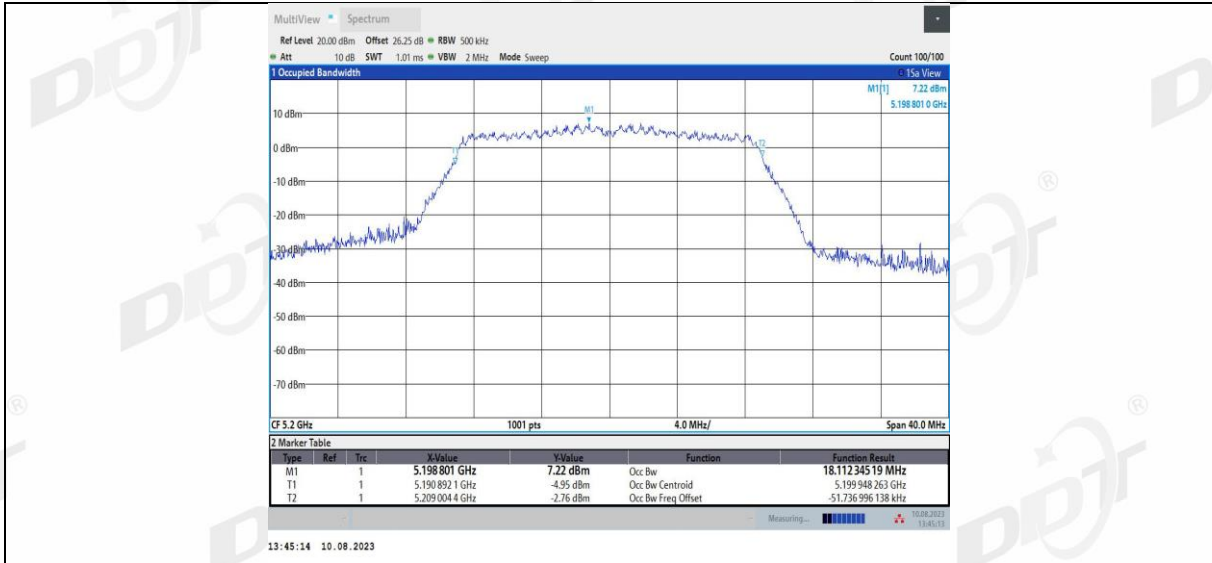




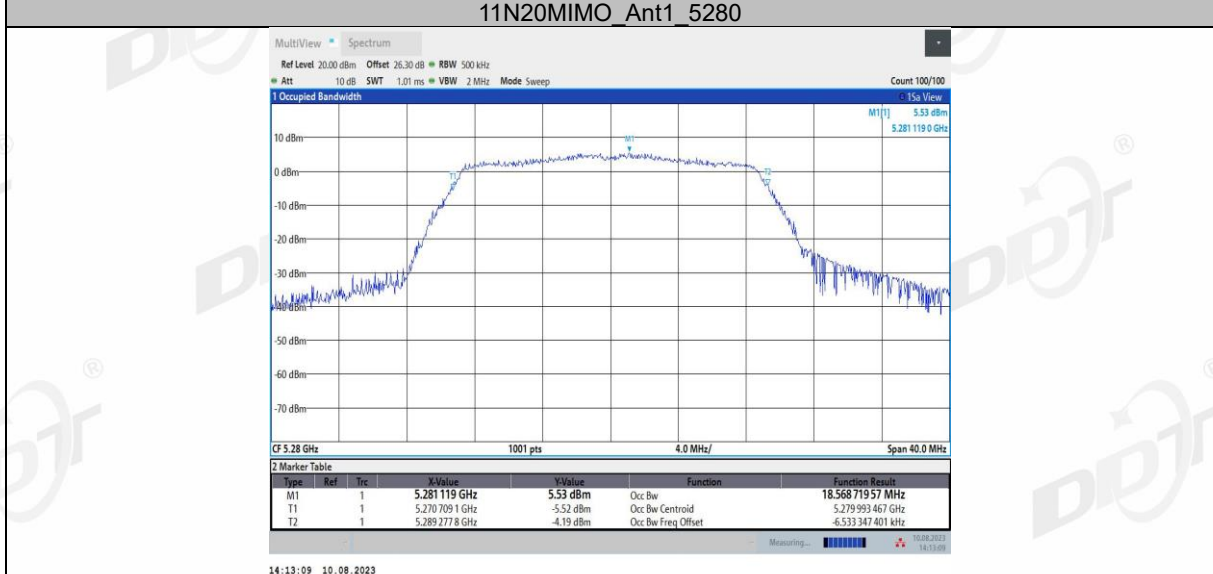
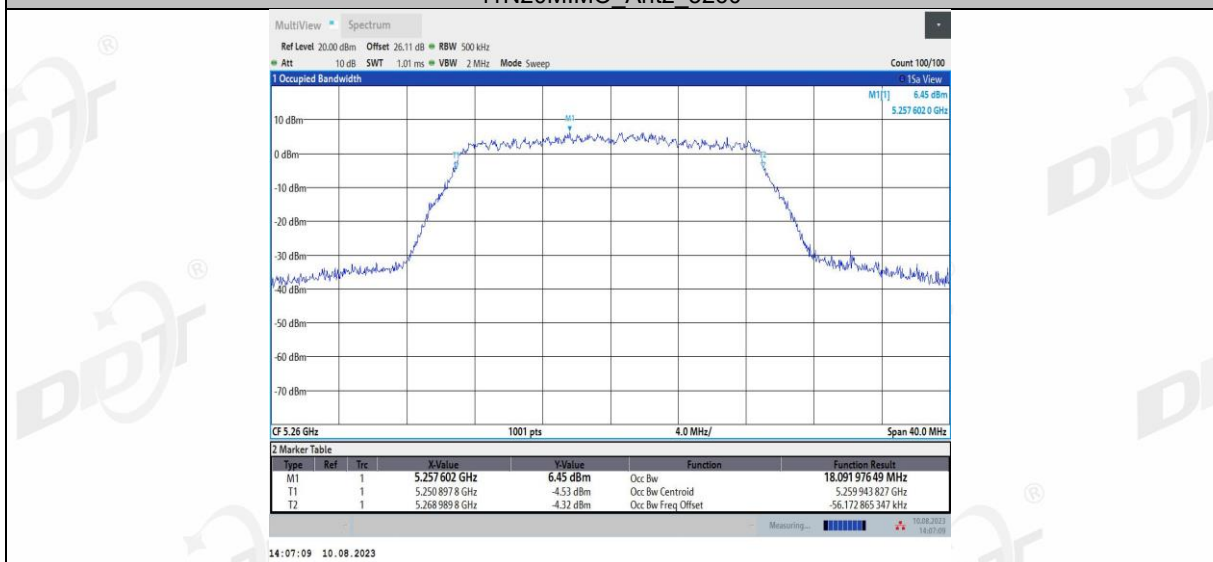
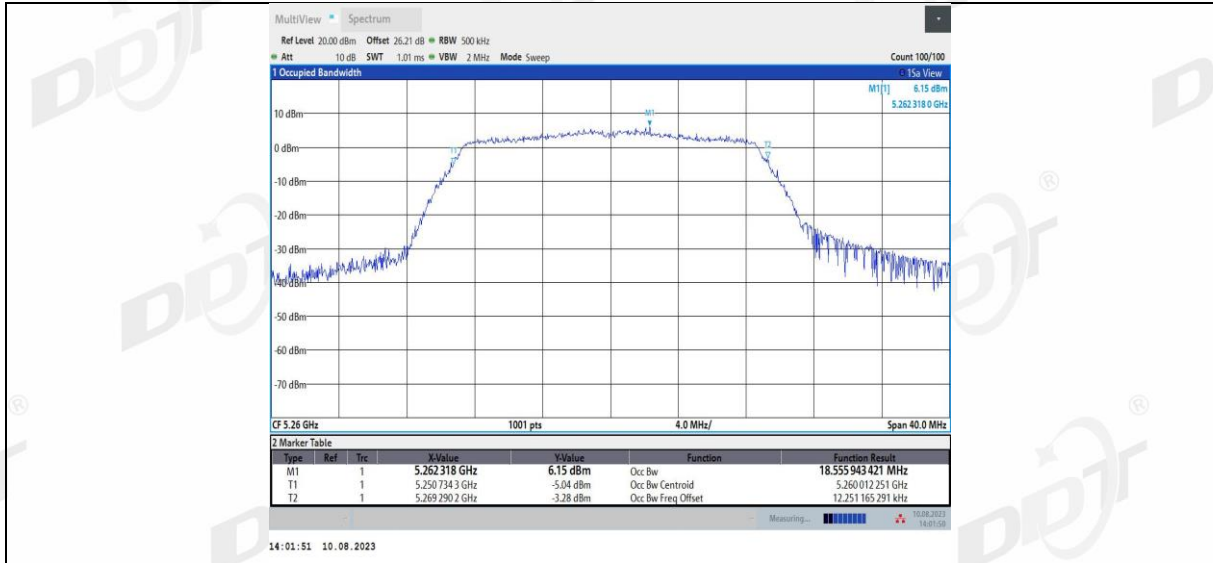
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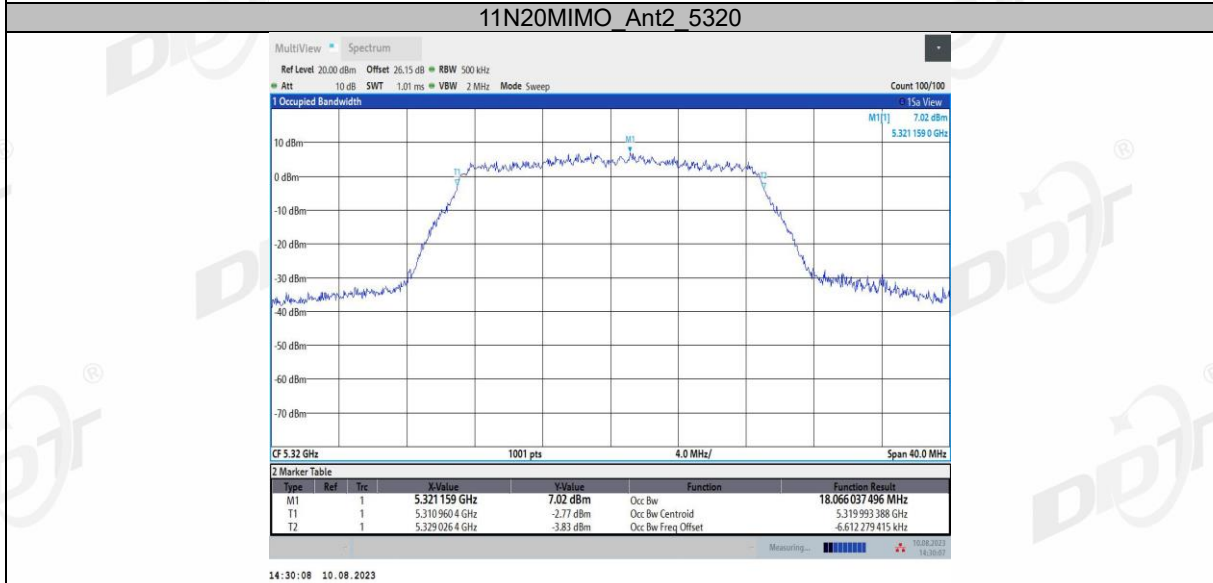
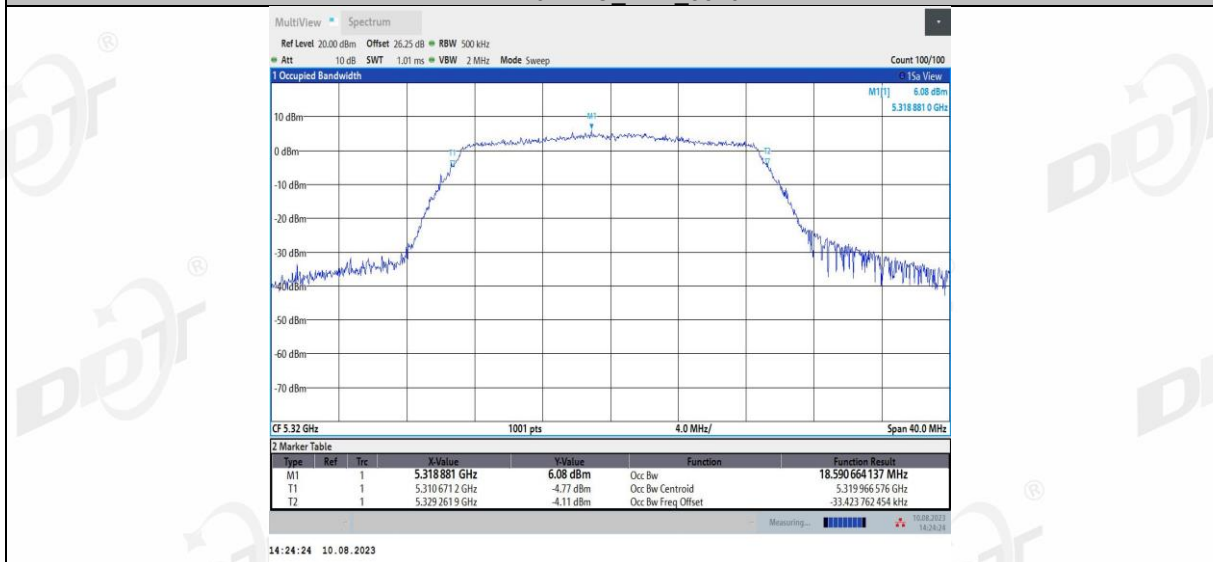
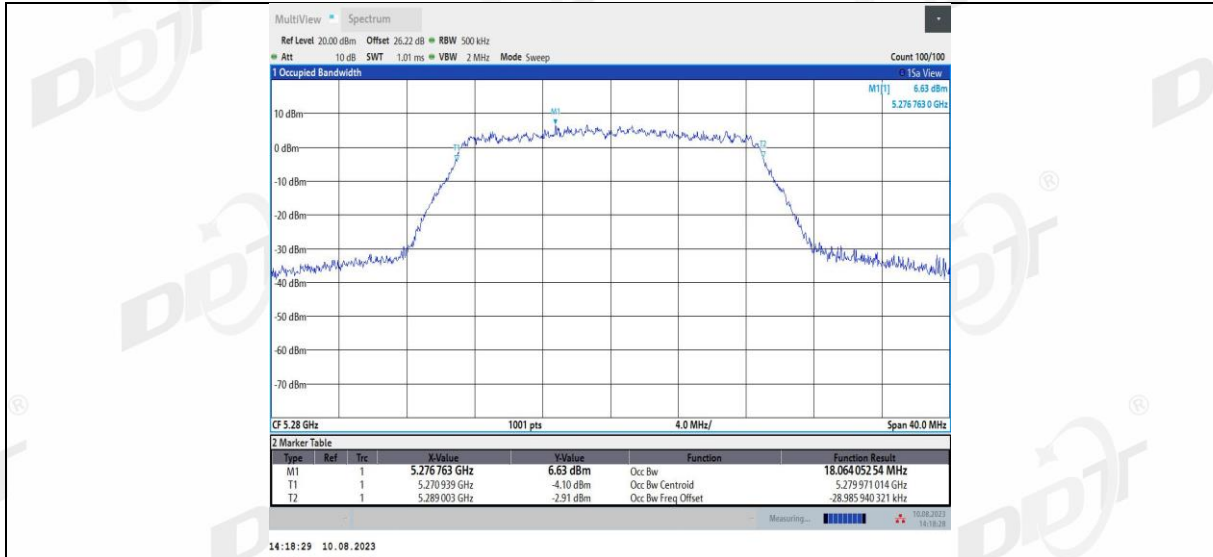


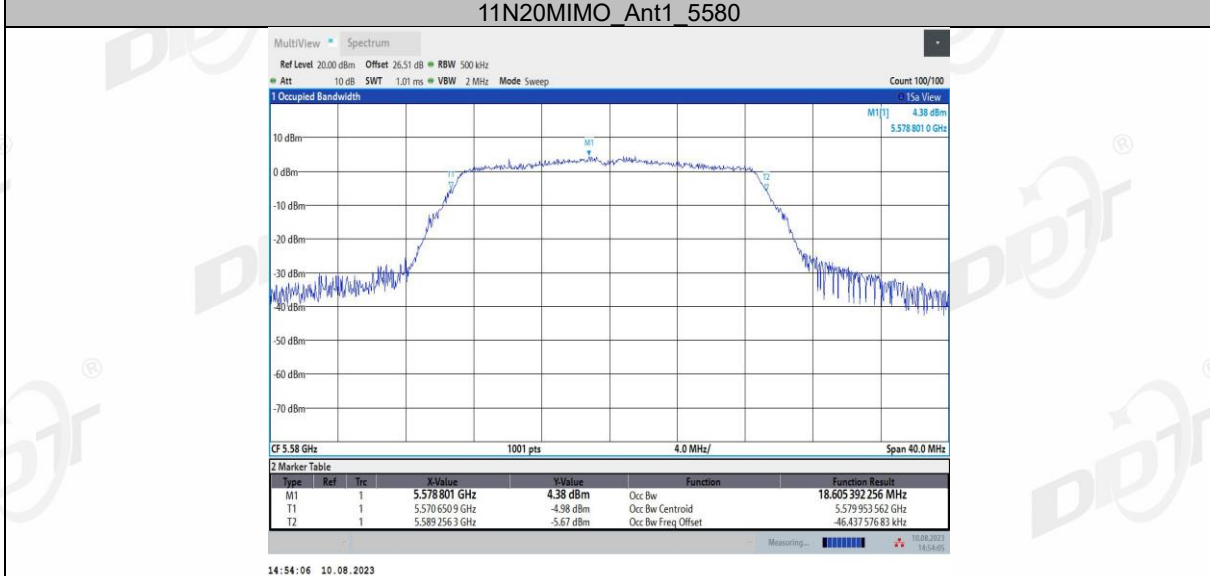
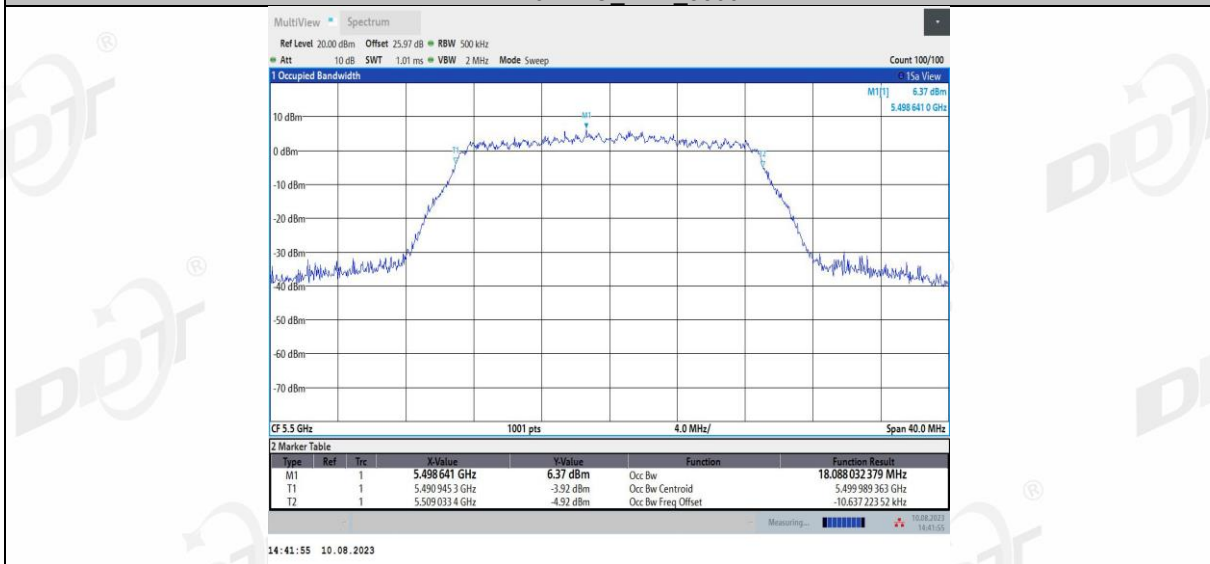
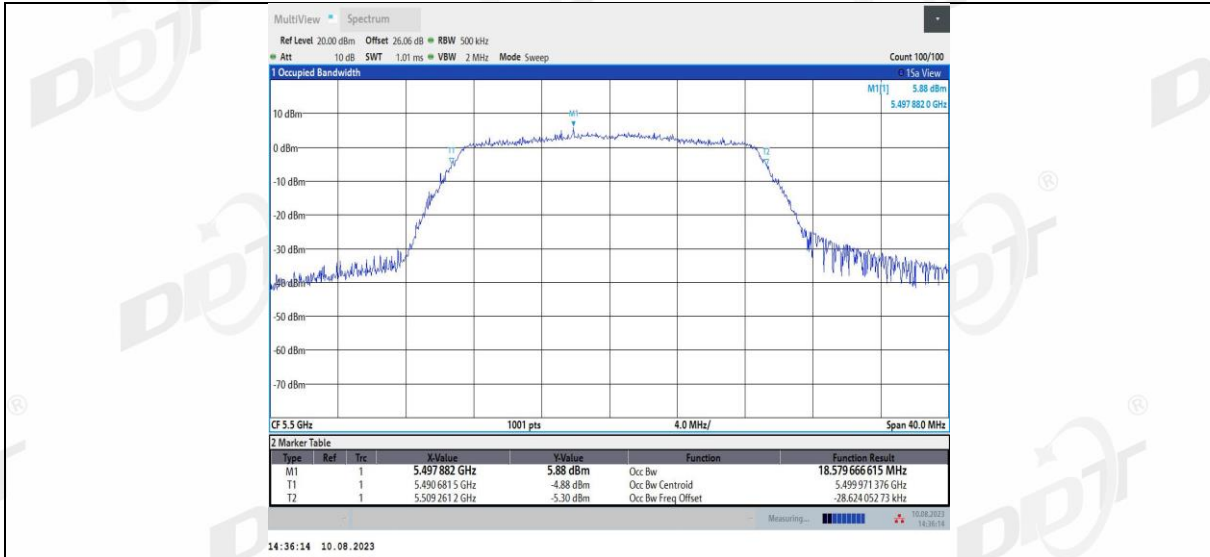


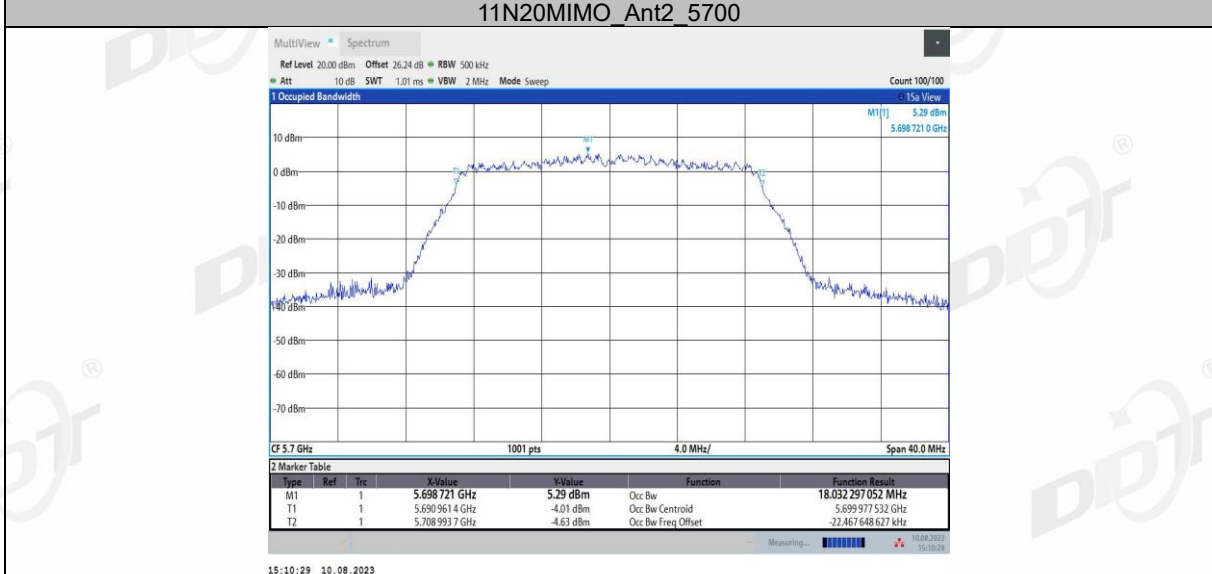
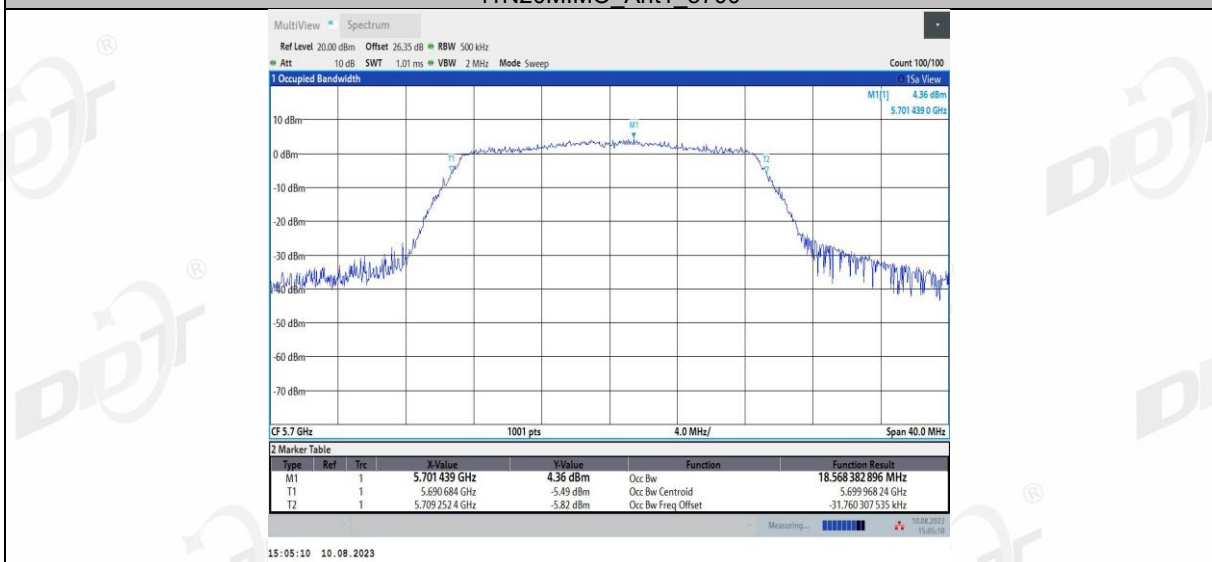
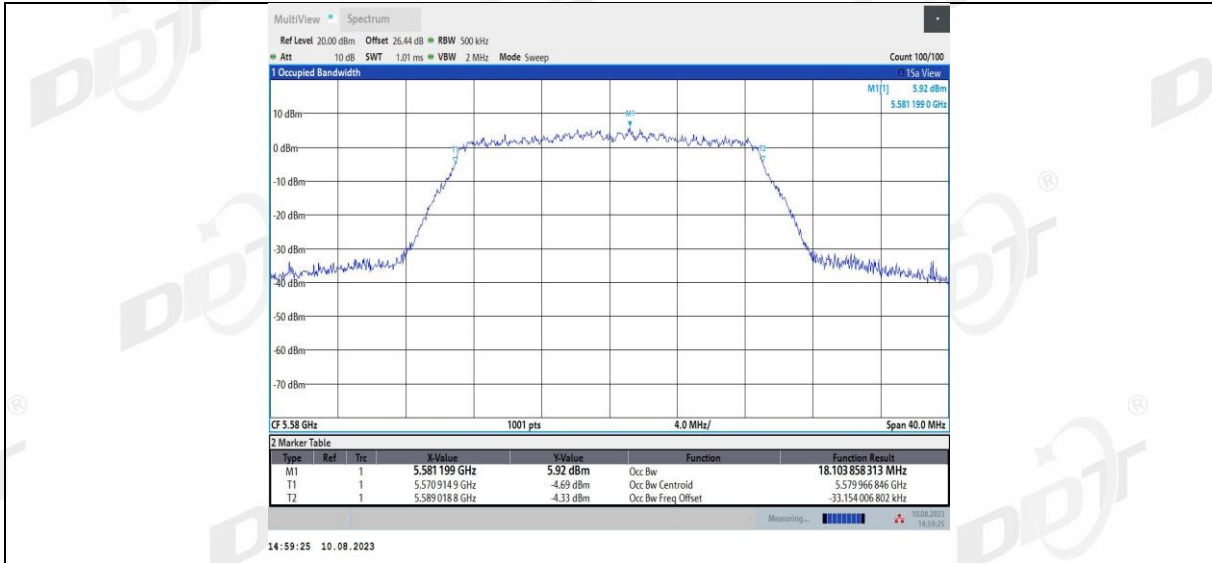




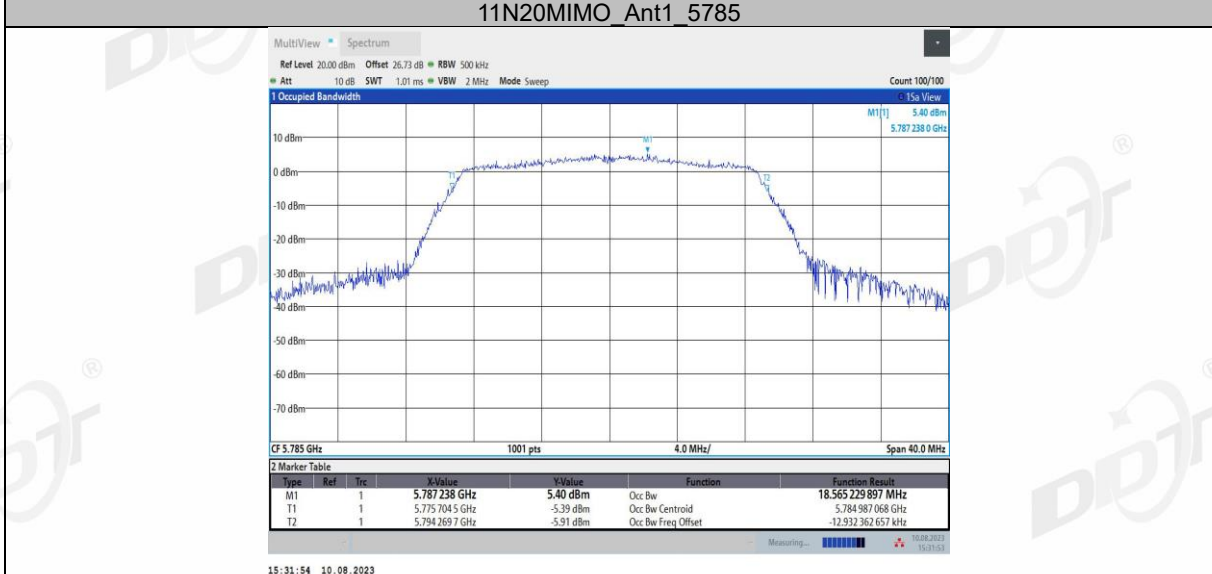
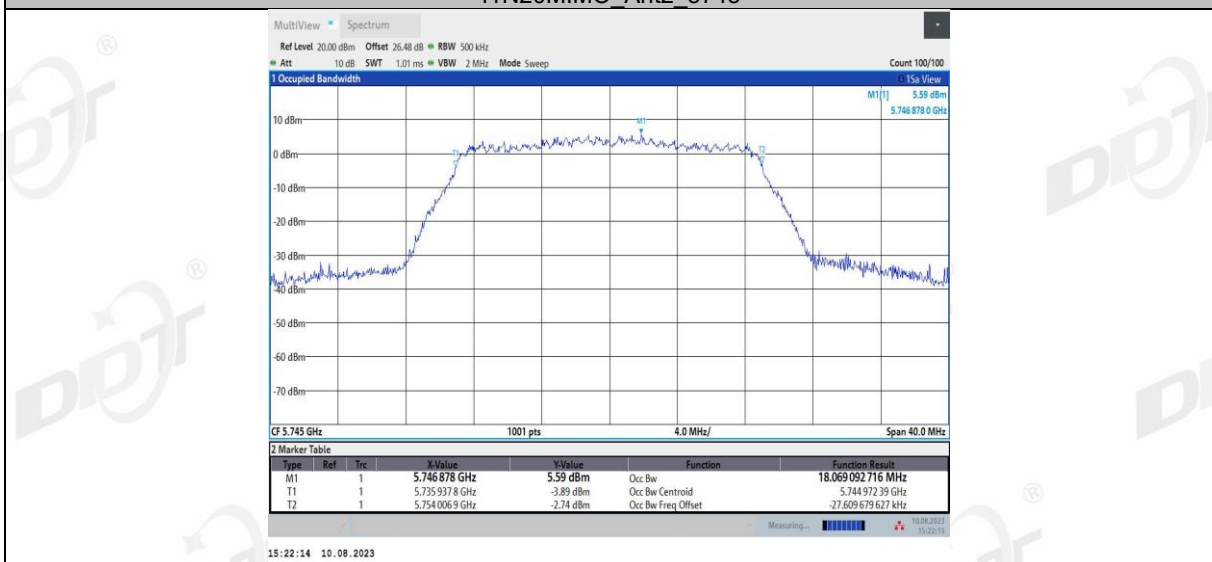
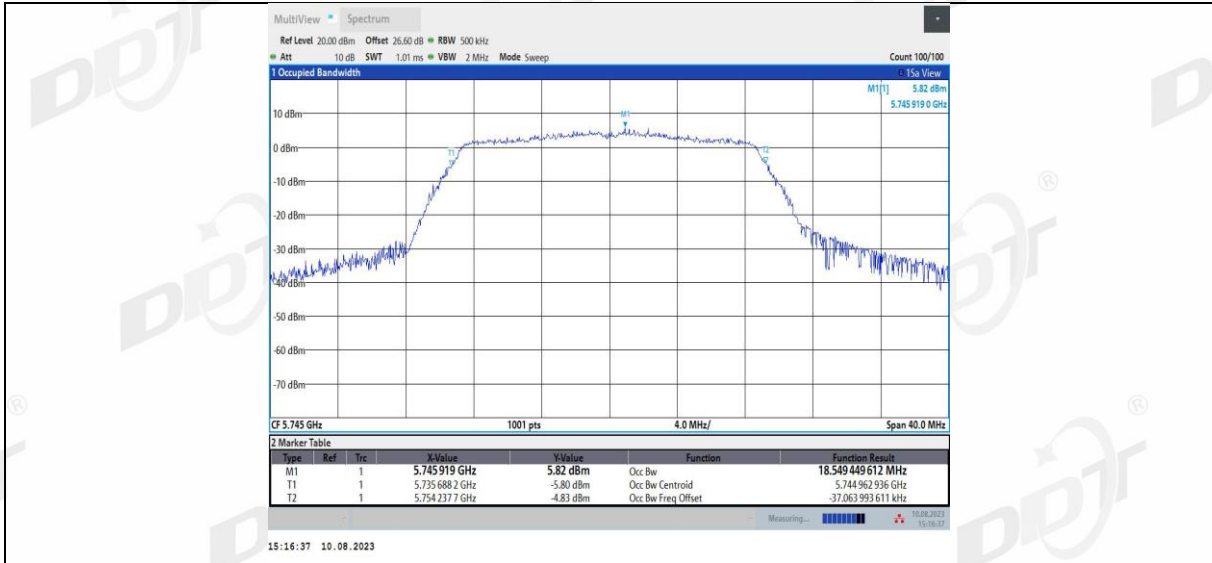








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11N20MIMO\_Ant2\_5785