

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	RUGGEDIZED HAND-HELD DEVICE
Test Model:	CHAMELEON 5R V2 DUAL
Sample ID:	202202_0108-01-4
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.85V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0108-143	

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1. Emission Bandwidth

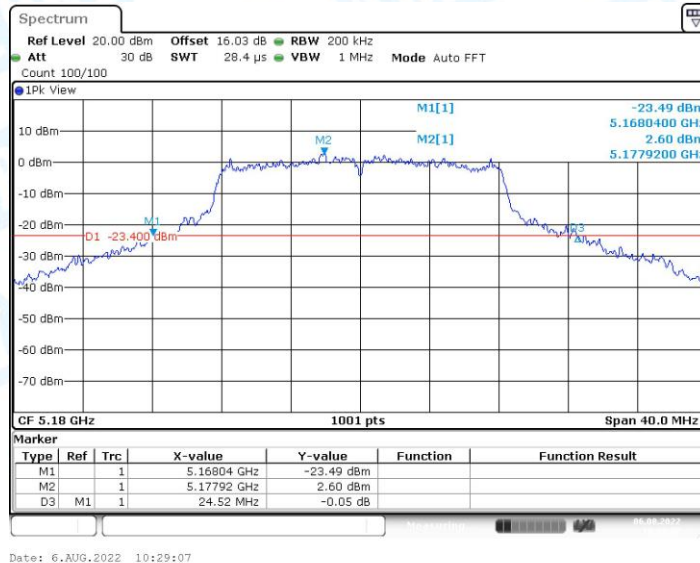
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.52	5168.04	5192.56	---	---
		5220	32.08	5204.92	5237.00	---	---
		5240	38.84	5221.16	5260.00	---	---
		5260	39.52	5240.48	5280.00	---	---
		5300	40.00	5280.00	5320.00	---	---
		5320	40.00	5300.00	5340.00	---	---
		5500	37.68	5480.56	5518.24	---	---
		5580	40.00	5560.00	5600.00	---	---
		5700	40.00	5680.00	5720.00	---	---
		5745	38.84	5725.00	5763.84	---	---
		5785	34.76	5767.08	5801.84	---	---
		5825	39.52	5805.48	5845.00	---	---
11N20SISO	Ant1	5180	32.68	5164.28	5196.96	---	---
		5220	39.64	5200.36	5240.00	---	---
		5240	39.68	5220.32	5260.00	---	---
		5260	40.00	5240.00	5280.00	---	---
		5300	40.00	5280.00	5320.00	---	---
		5320	40.00	5300.00	5340.00	---	---
		5500	38.24	5480.36	5518.60	---	---
		5580	40.00	5560.00	5600.00	---	---
		5700	40.00	5680.00	5720.00	---	---
		5745	40.00	5725.00	5765.00	---	---
		5785	33.48	5768.64	5802.12	---	---
		5825	39.72	5805.28	5845.00	---	---
11N40SISO	Ant1	5190	79.92	5150.08	5230.00	---	---
		5230	42.16	5209.04	5251.20	---	---
		5270	55.68	5248.64	5304.32	---	---
		5310	65.20	5276.56	5341.76	---	---
		5510	79.92	5470.08	5550.00	---	---
		5550	80.00	5510.00	5590.00	---	---
		5670	79.76	5630.24	5710.00	---	---
		5755	80.00	5715.00	5795.00	---	---
		5795	80.00	5755.00	5835.00	---	---
11AC20SISO	Ant1	5180	31.96	5164.60	5196.56	---	---
		5220	38.44	5201.44	5239.88	---	---
		5240	39.68	5220.32	5260.00	---	---
		5260	39.80	5240.20	5280.00	---	---
		5300	40.00	5280.00	5320.00	---	---
		5320	40.00	5300.00	5340.00	---	---
		5500	37.32	5481.52	5518.84	---	---
		5580	40.00	5560.00	5600.00	---	---

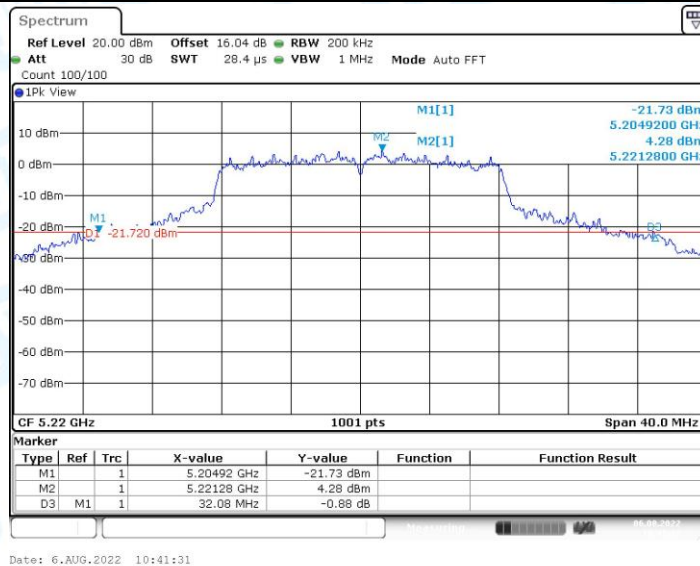
		5700	40.00	5680.00	5720.00	---	---
		5745	39.84	5725.00	5764.84	---	---
		5785	35.20	5767.08	5802.28	---	---
		5825	31.76	5809.24	5841.00	---	---
11AC40SISO	Ant1	5190	79.60	5150.40	5230.00	---	---
		5230	42.16	5209.28	5251.44	---	---
		5270	52.88	5248.72	5301.60	---	---
		5310	75.36	5272.32	5347.68	---	---
		5510	80.00	5470.00	5550.00	---	---
		5550	79.92	5510.00	5589.92	---	---
		5670	80.00	5630.00	5710.00	---	---
		5755	80.00	5715.00	5795.00	---	---
		5795	80.00	5755.00	5835.00	---	---
11AC80SISO	Ant1	5210	160.00	5130.00	5290.00	---	---
		5290	116.48	5234.80	5351.28	---	---
		5530	159.52	5450.00	5609.52	---	---
		5610	160.00	5530.00	5690.00	---	---
		5775	160.00	5695.00	5855.00	---	---

2.1.Test Graphs

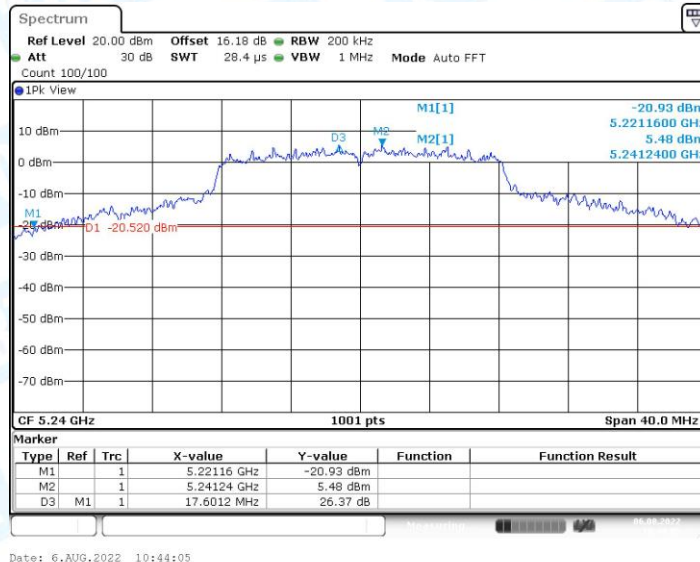
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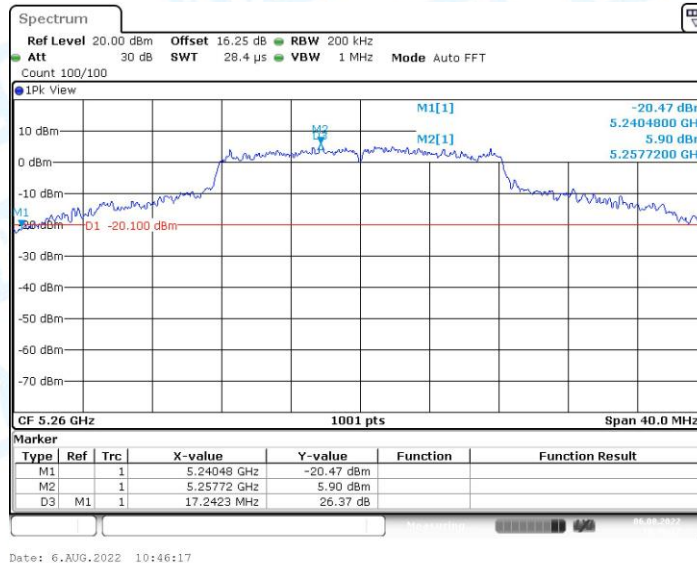
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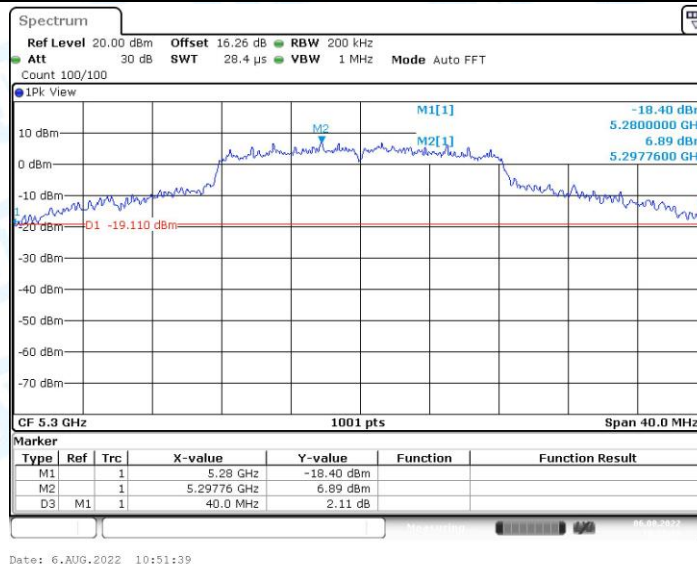
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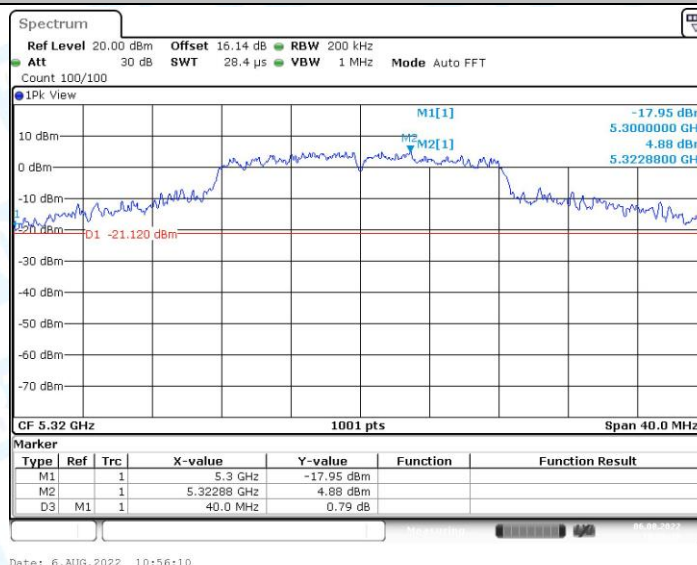
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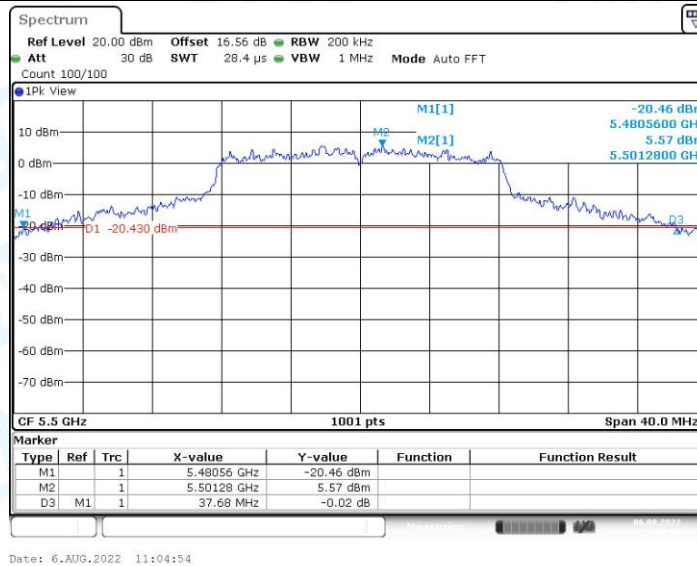
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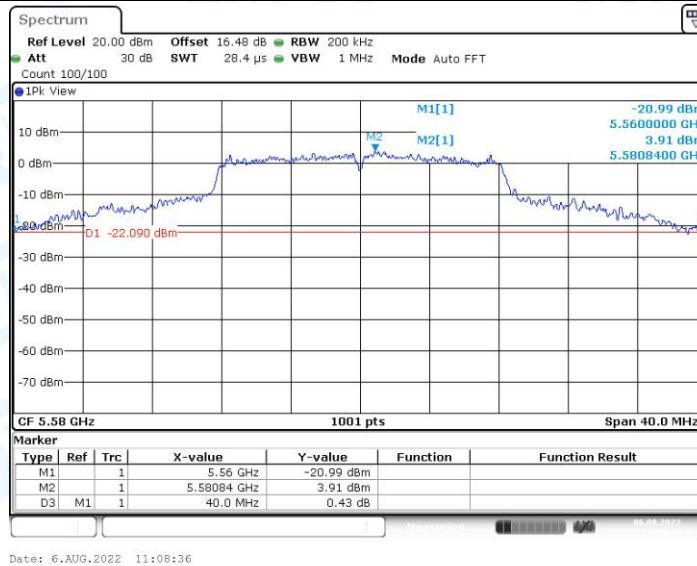
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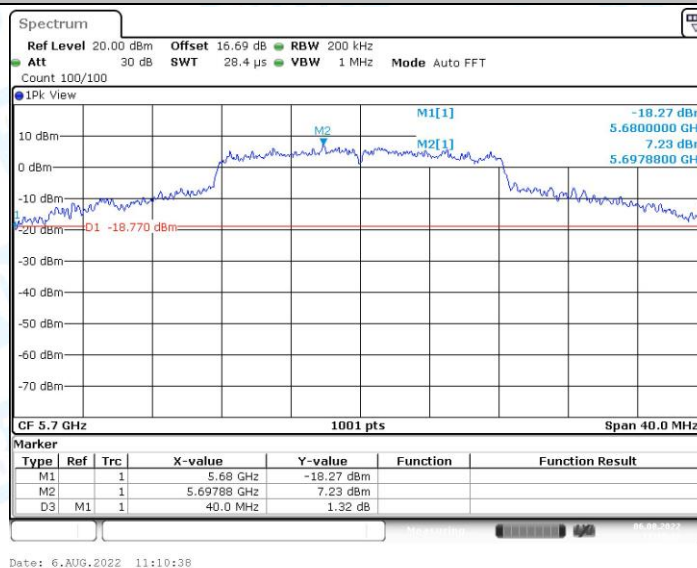
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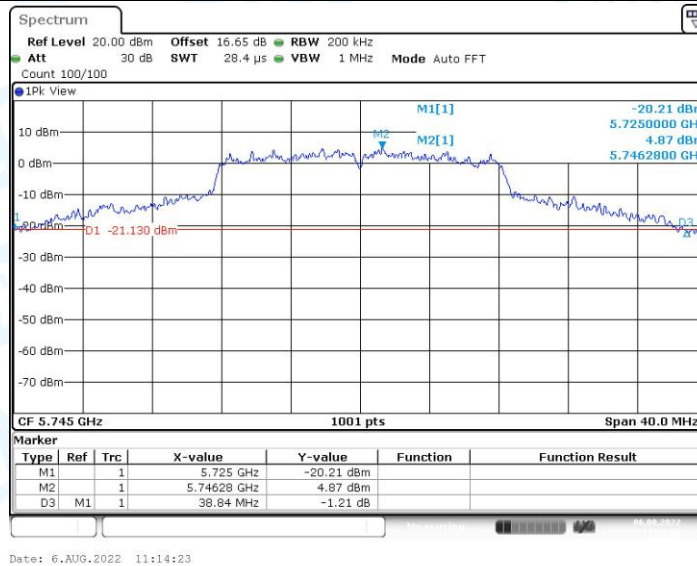
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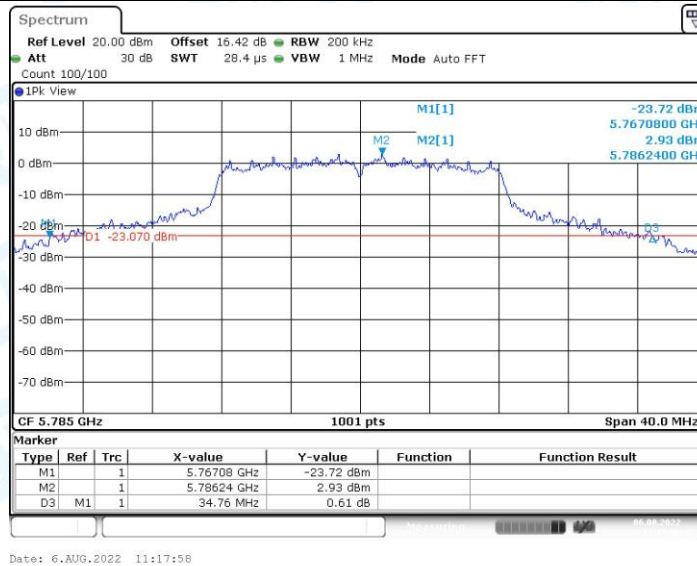
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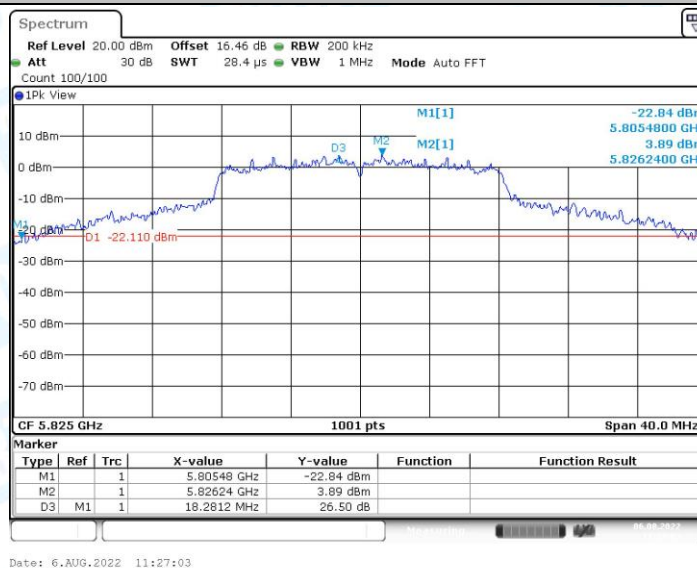
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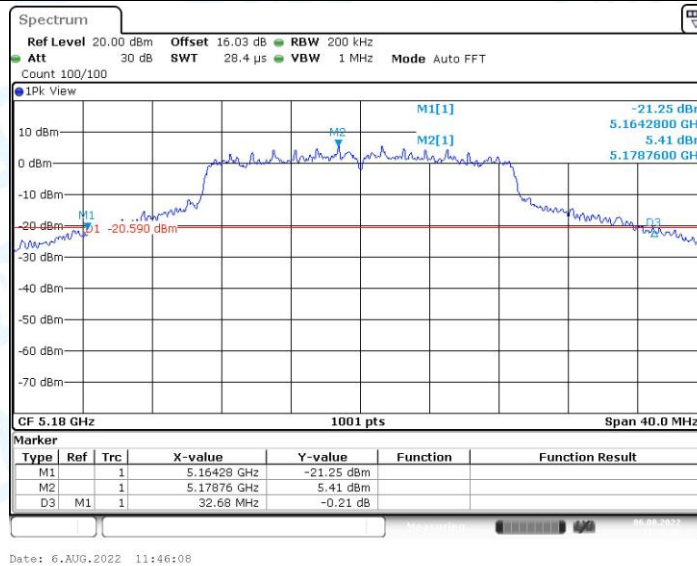
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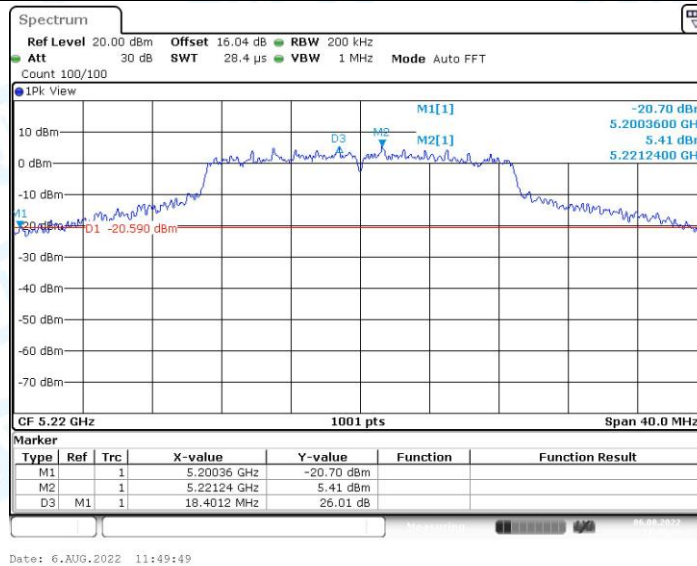
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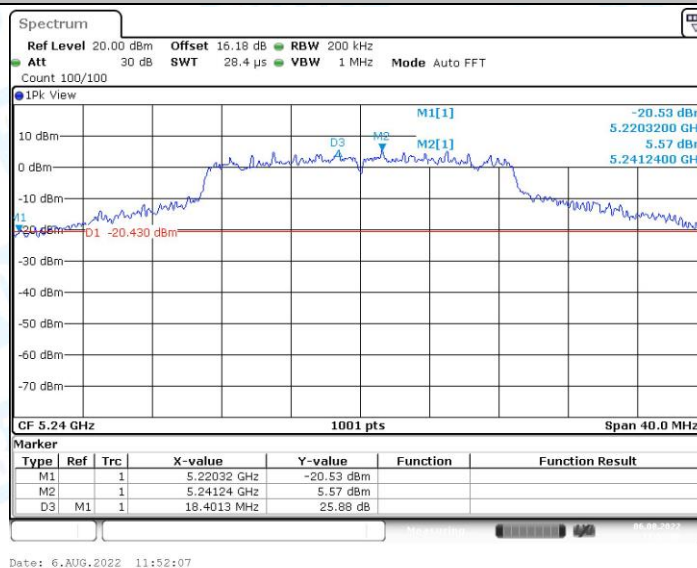
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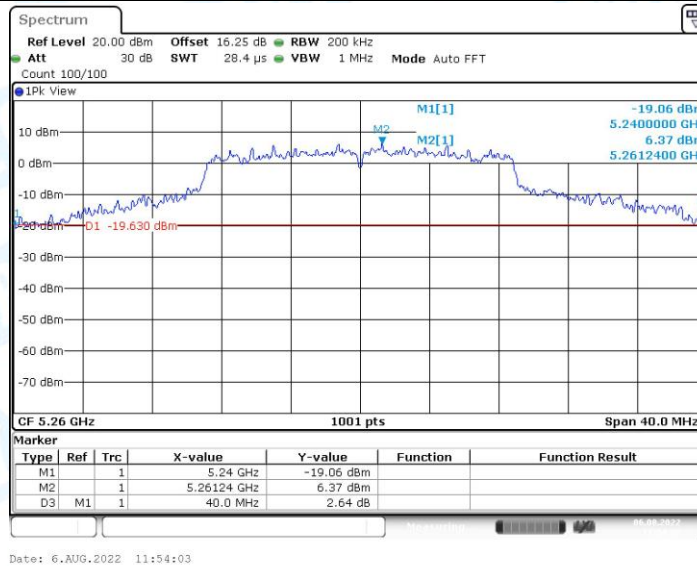
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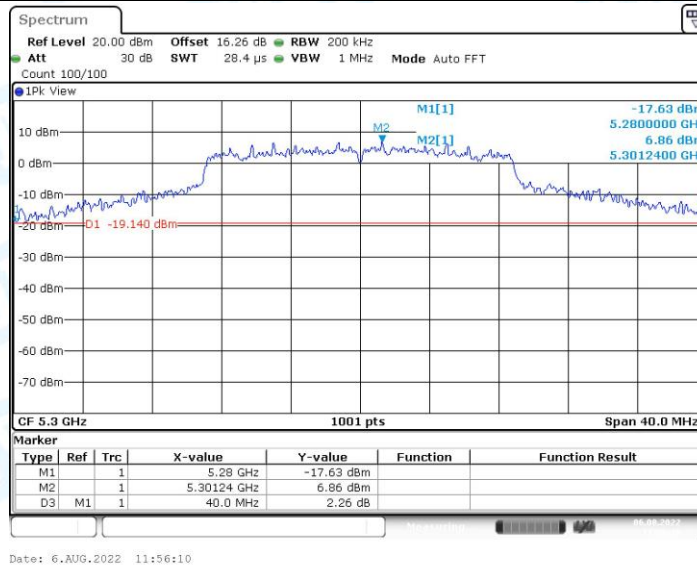
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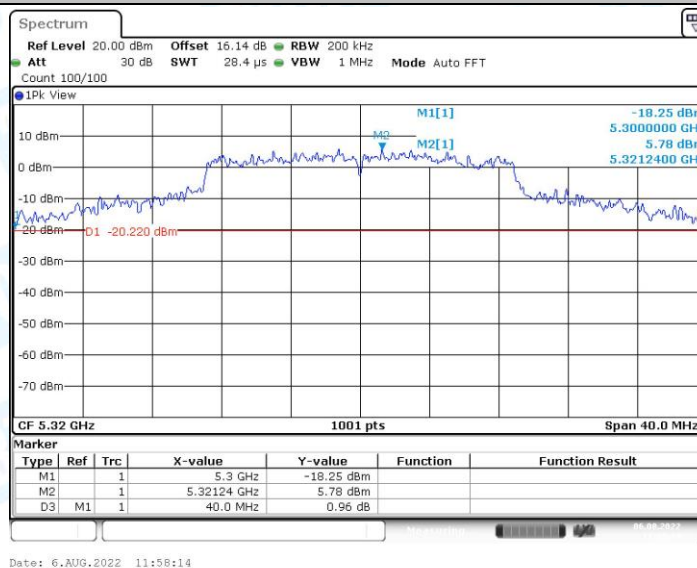
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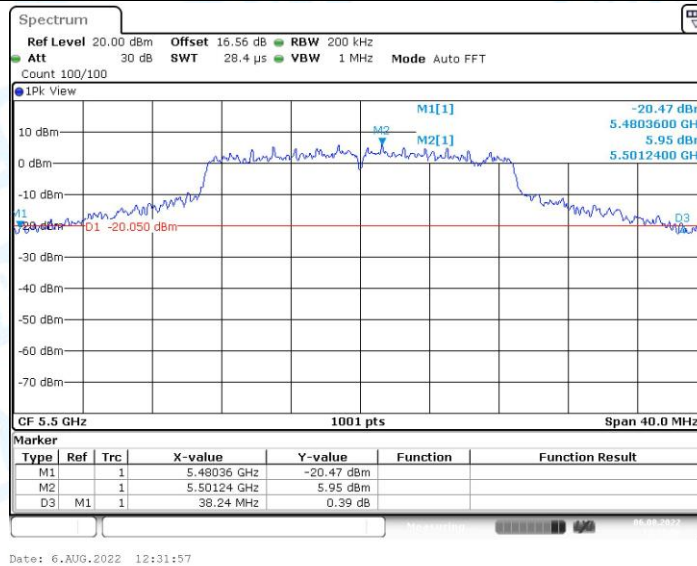
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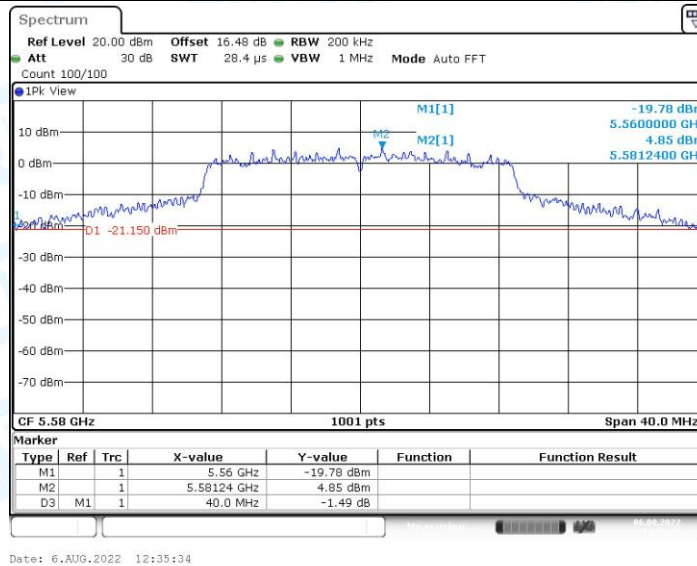
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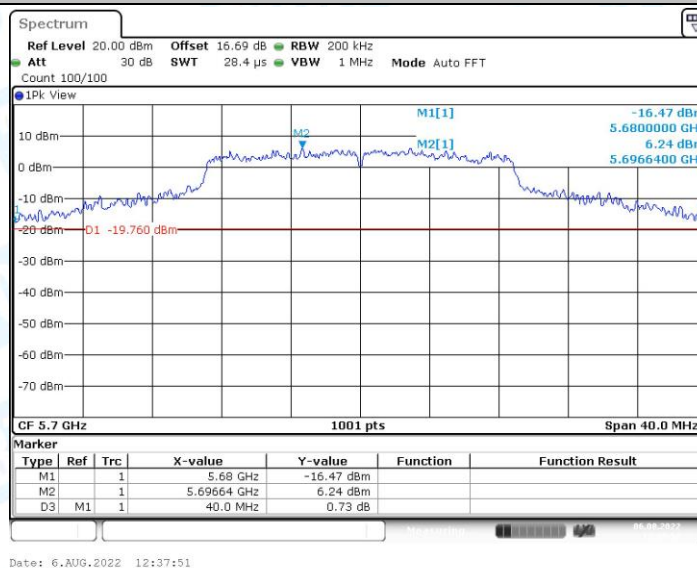
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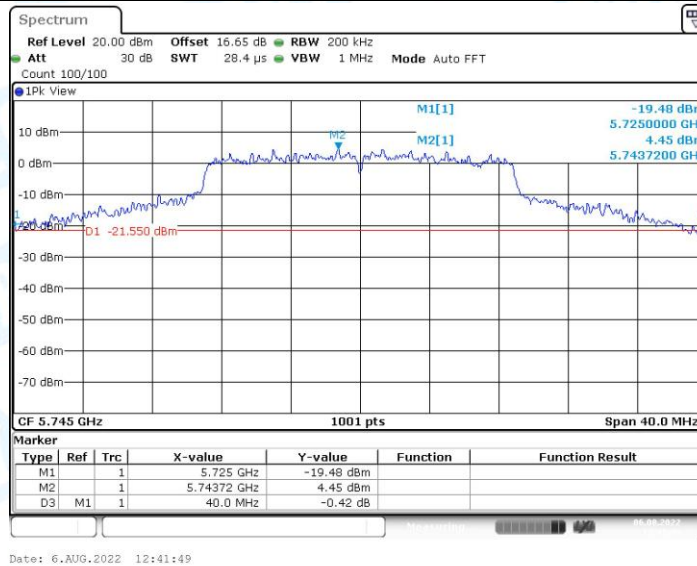
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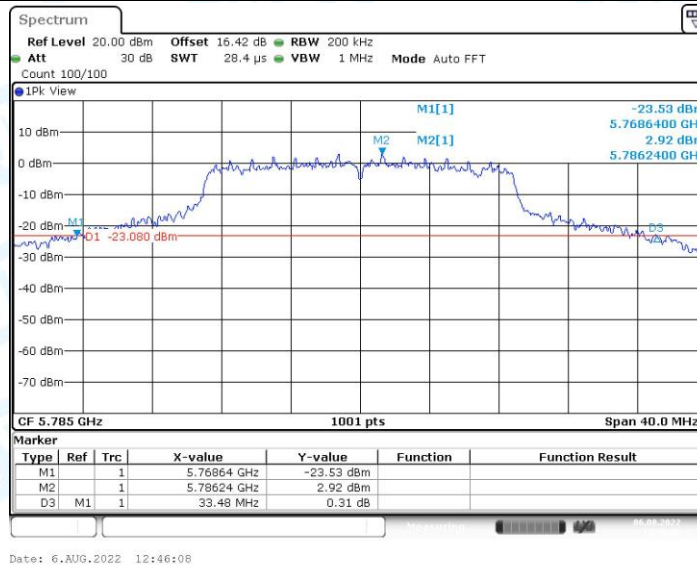
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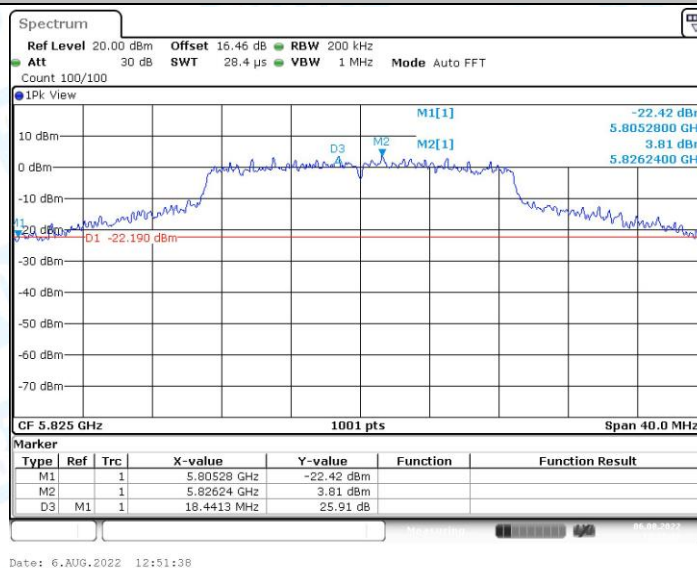
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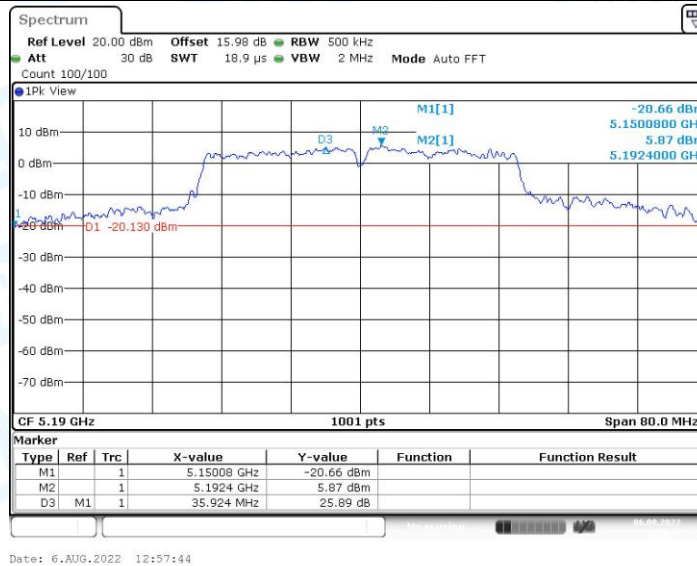
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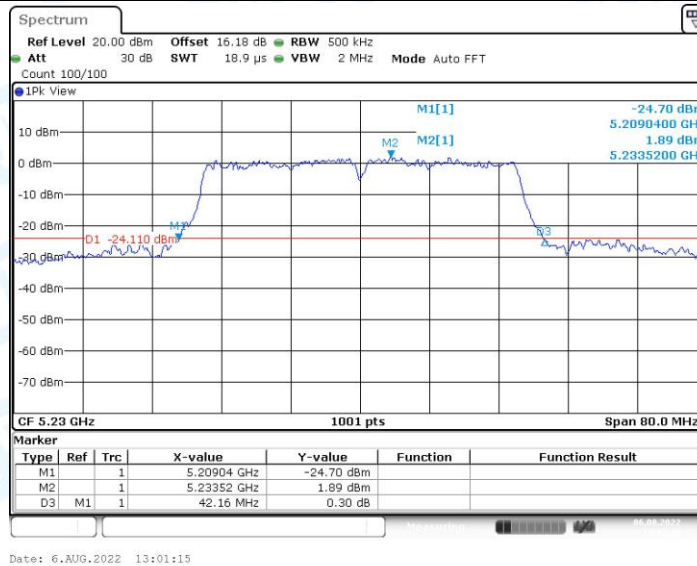
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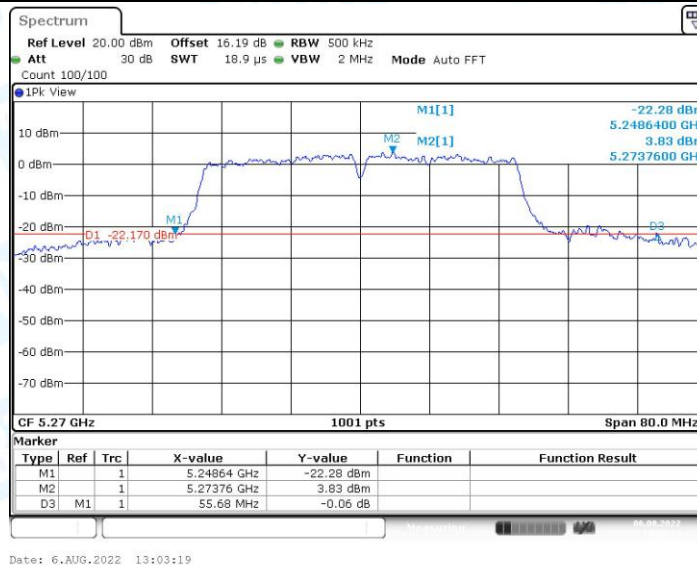
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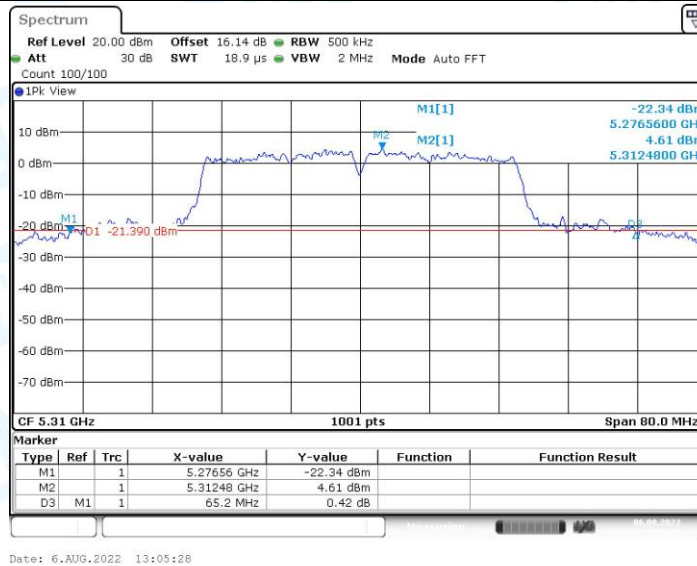
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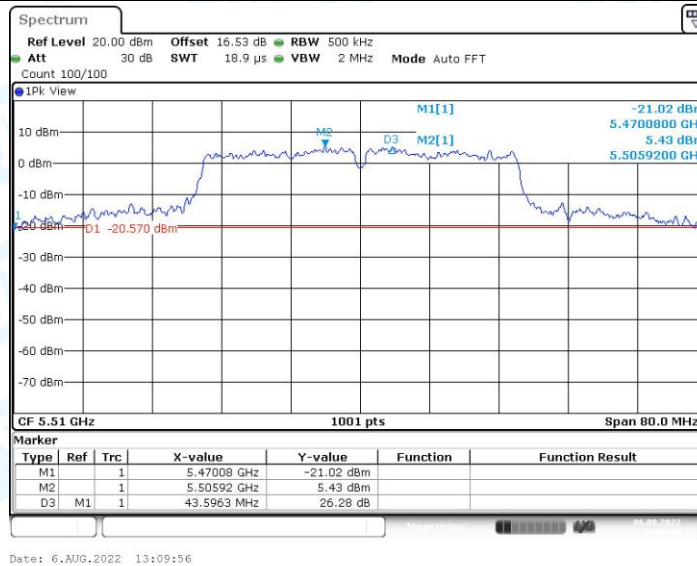
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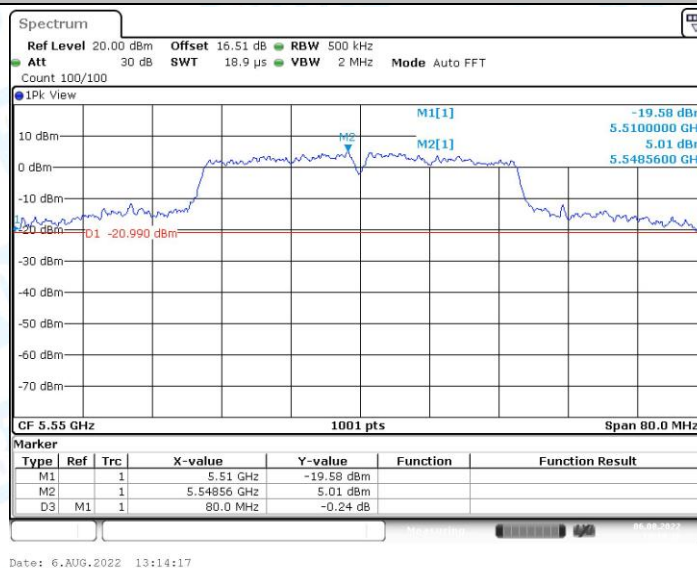
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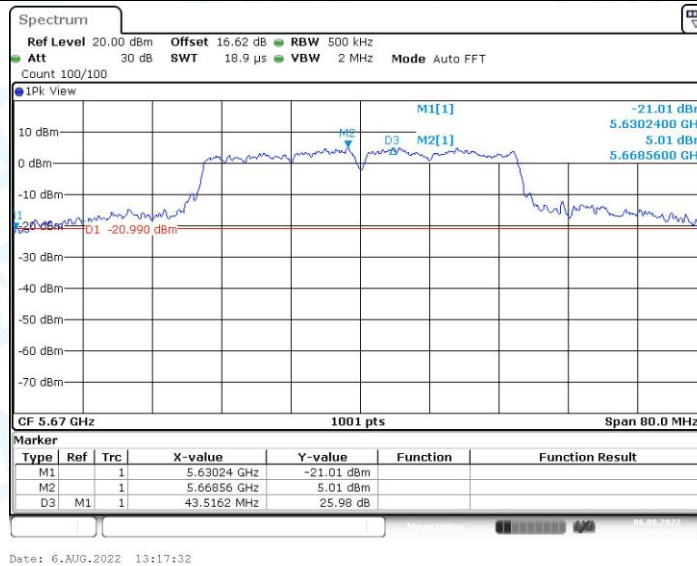
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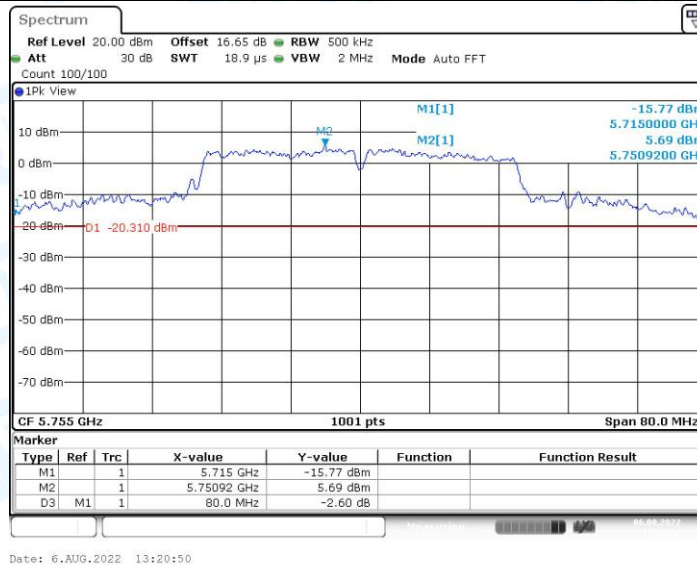
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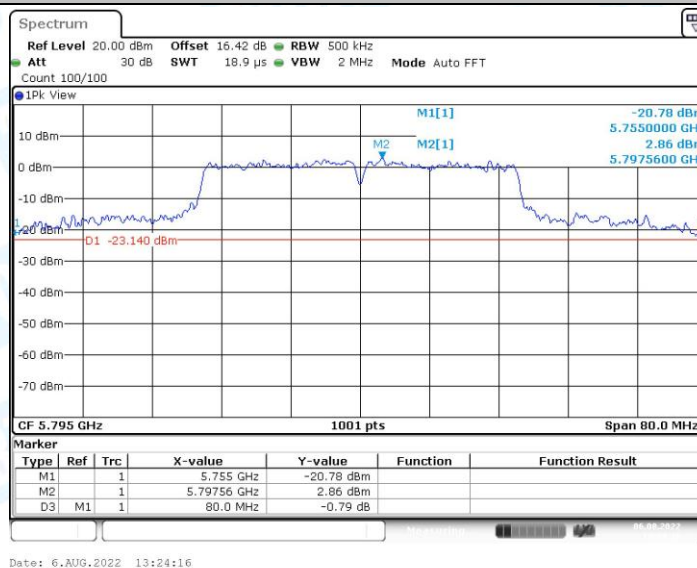
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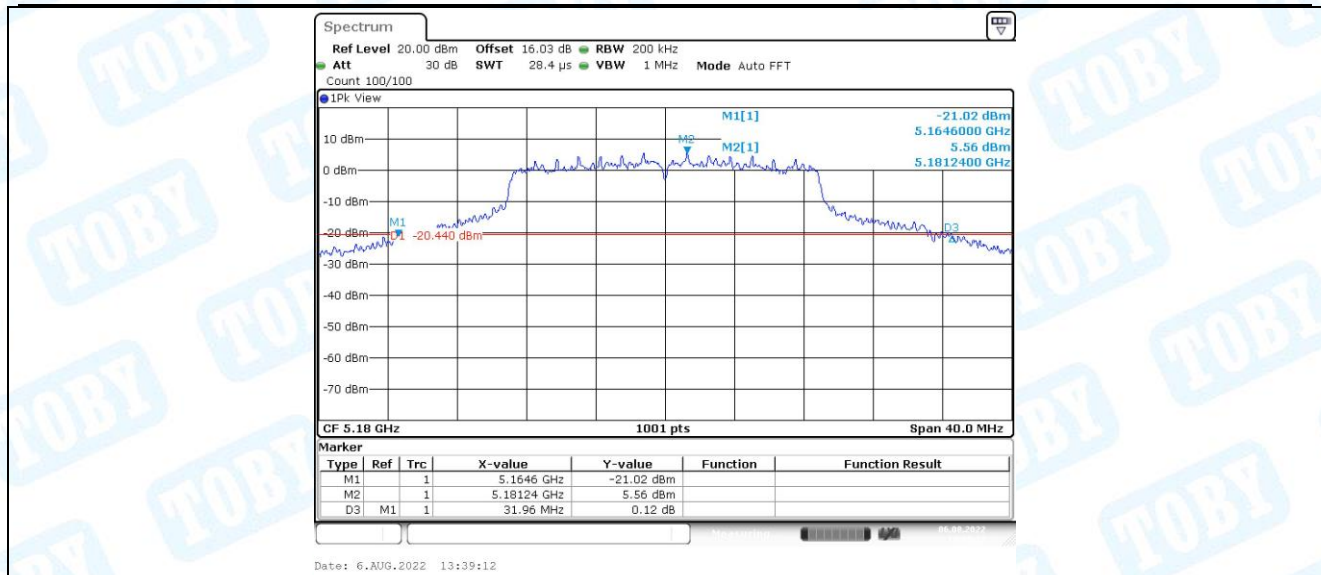
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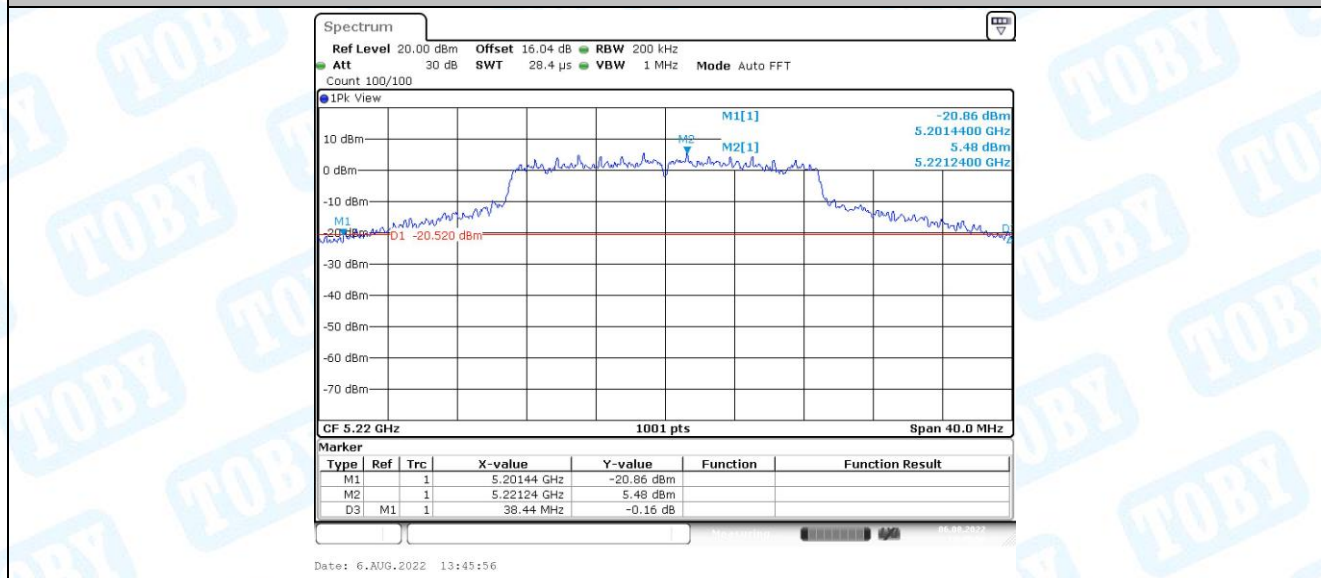
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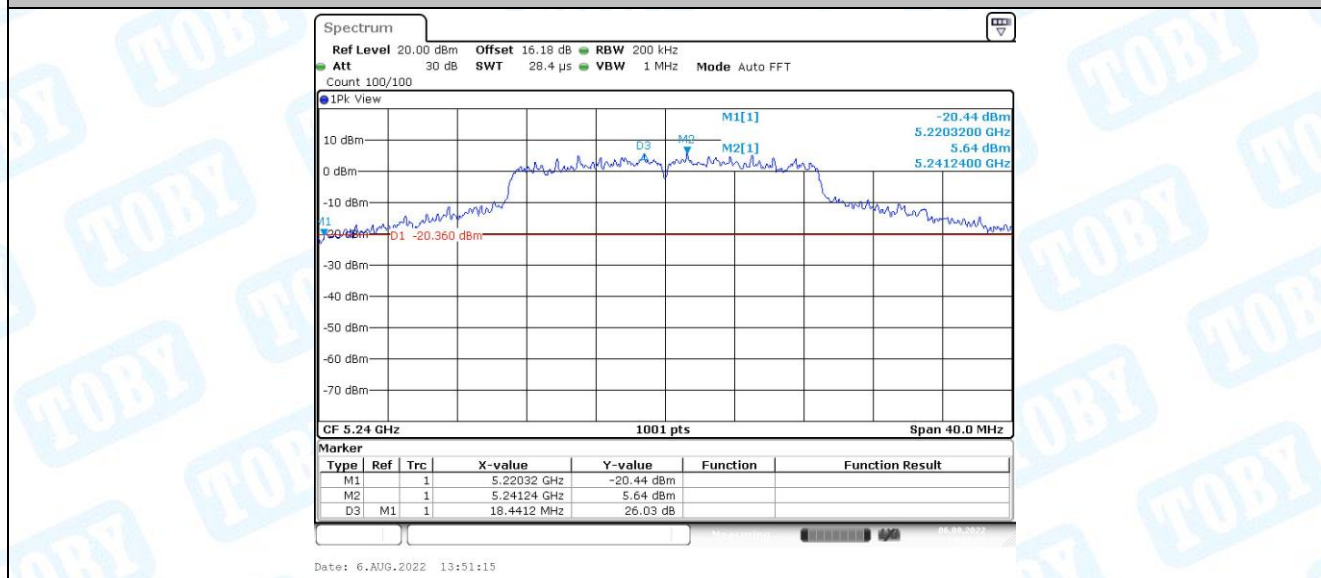
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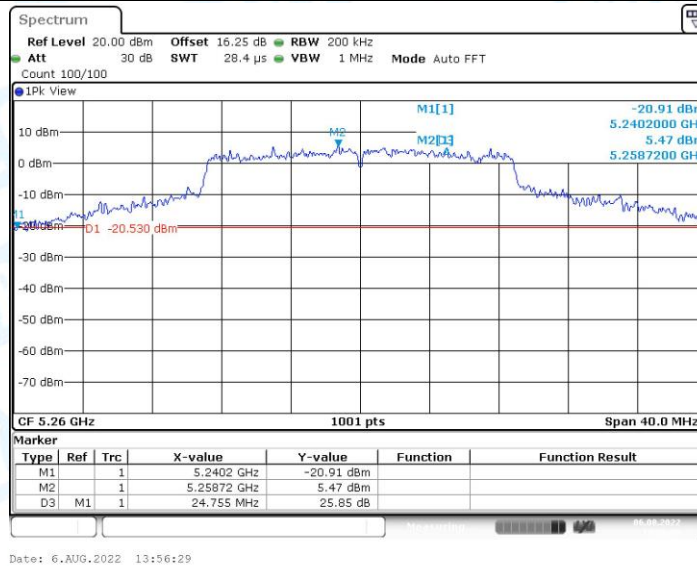
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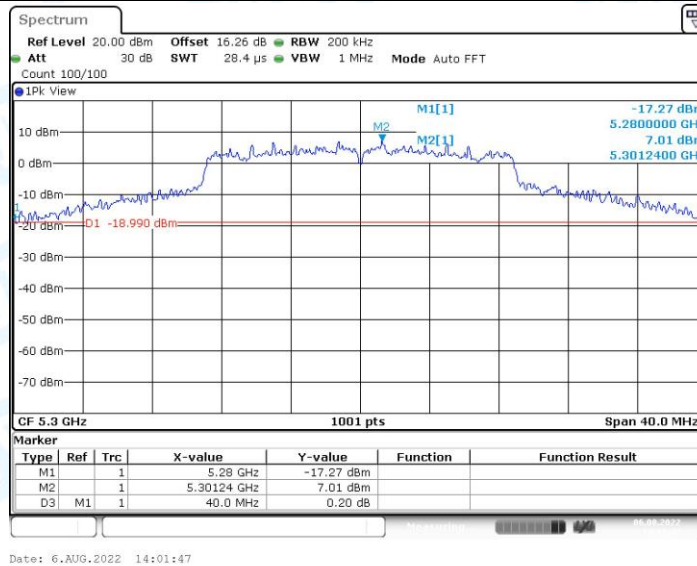
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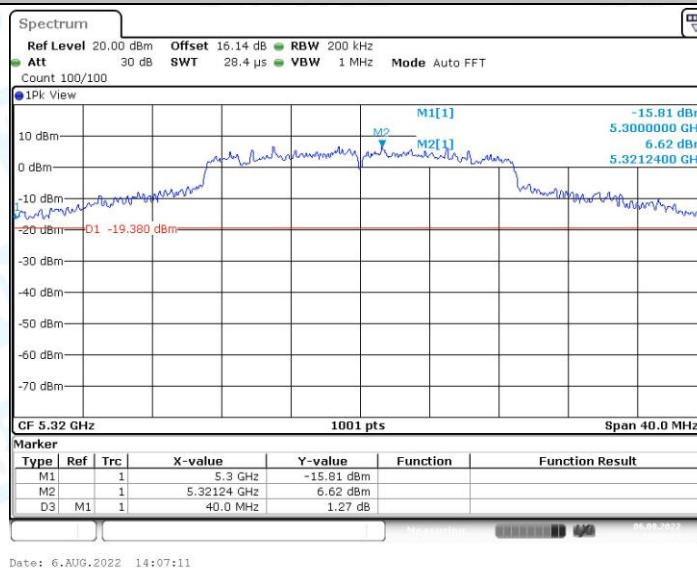
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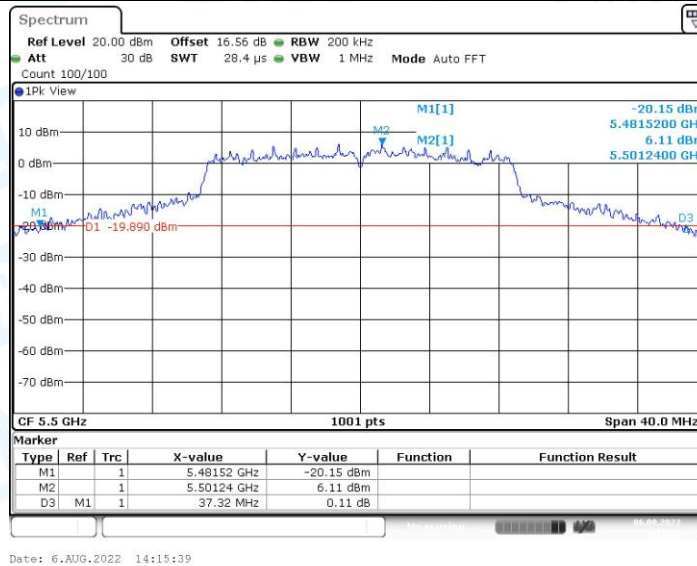
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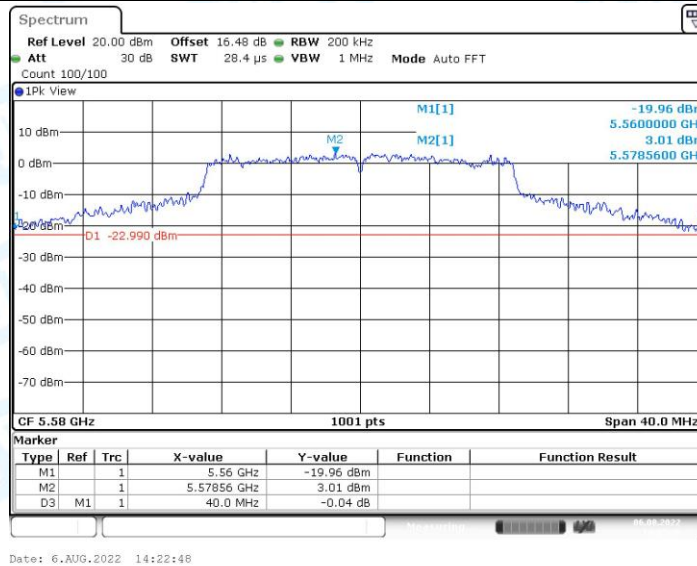
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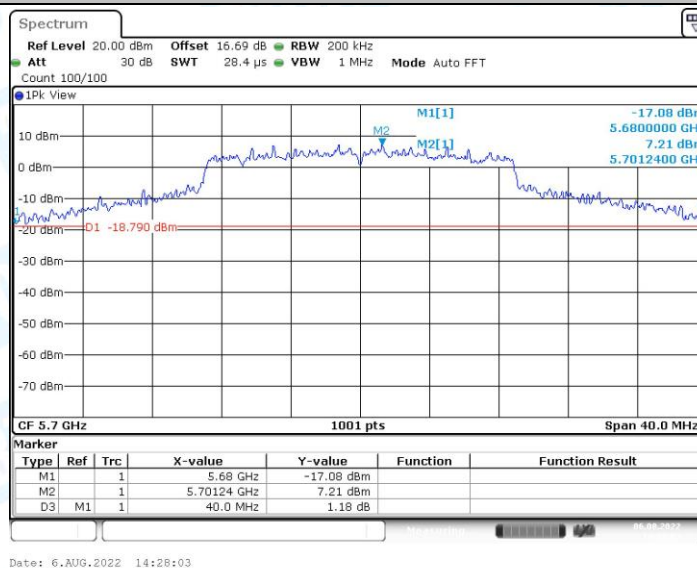
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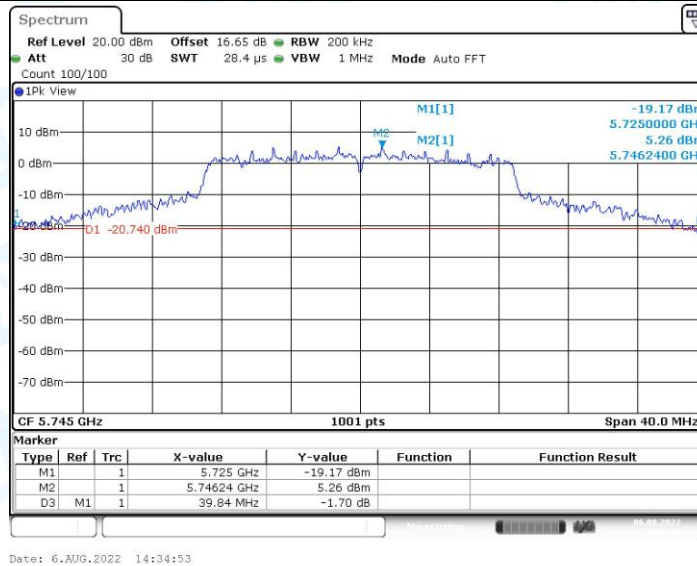
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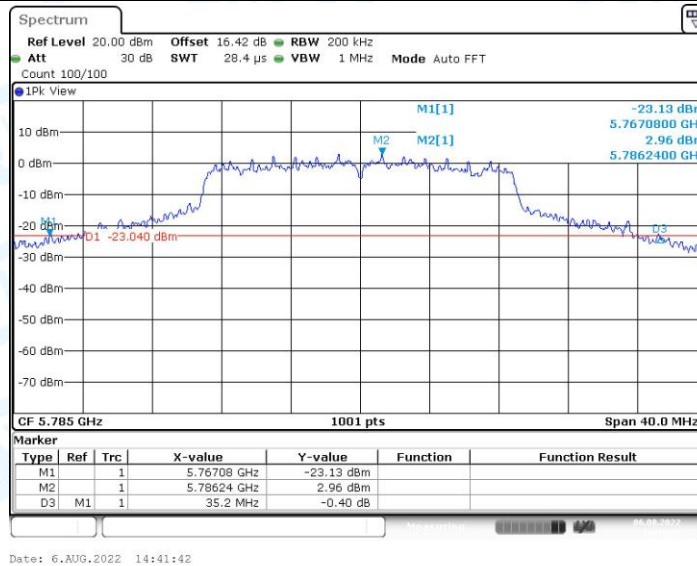
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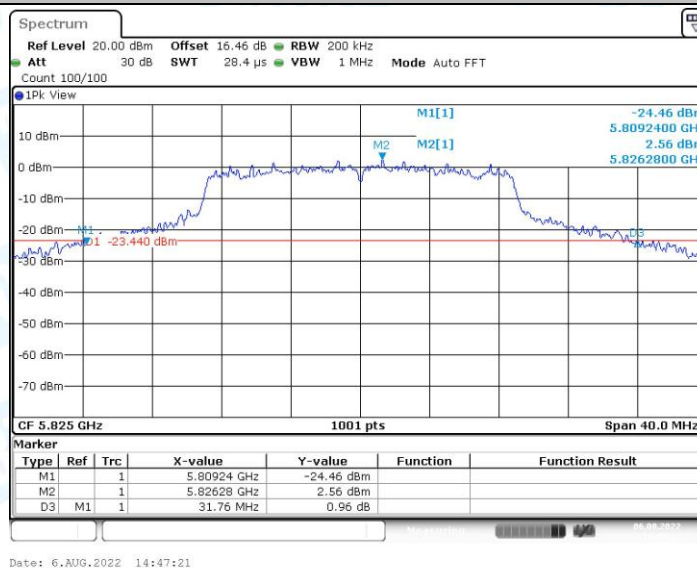
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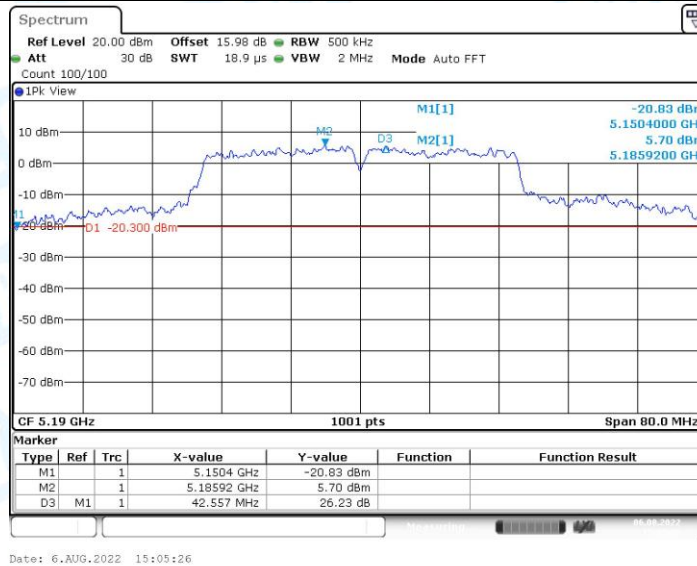
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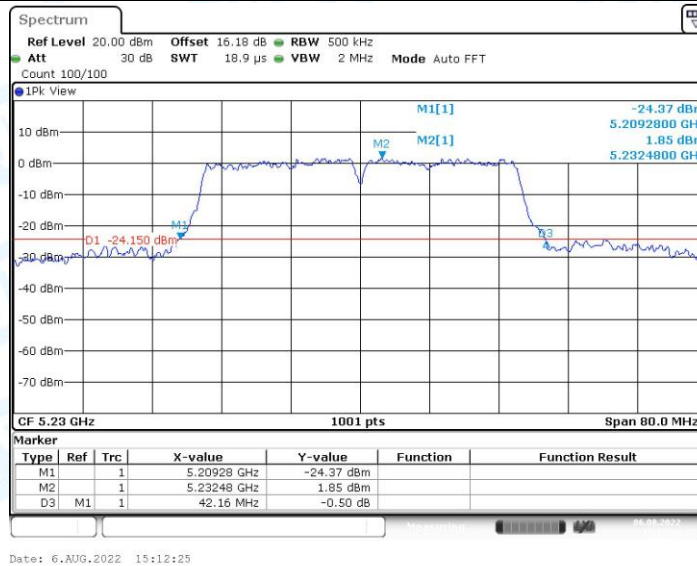
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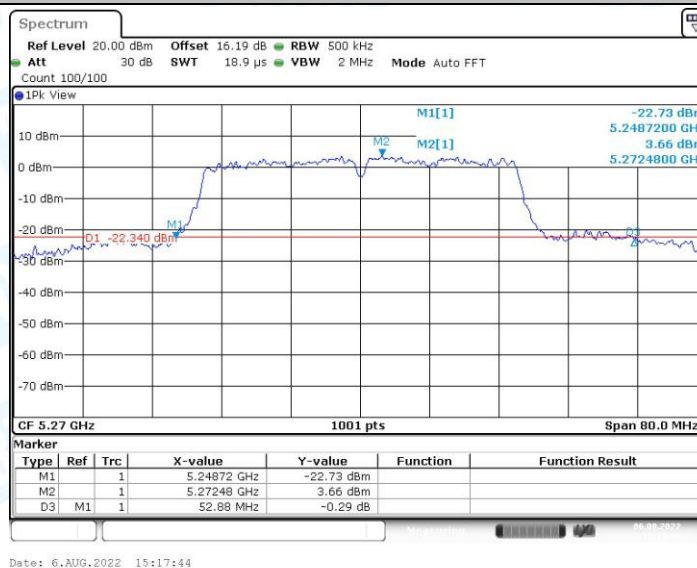
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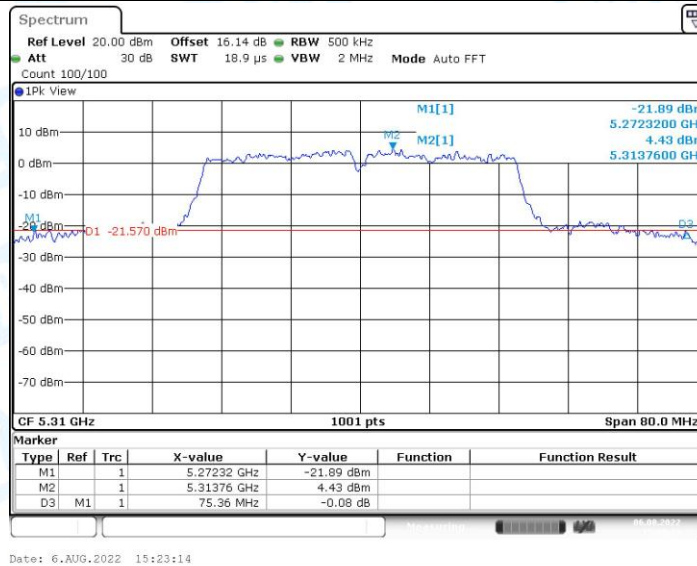
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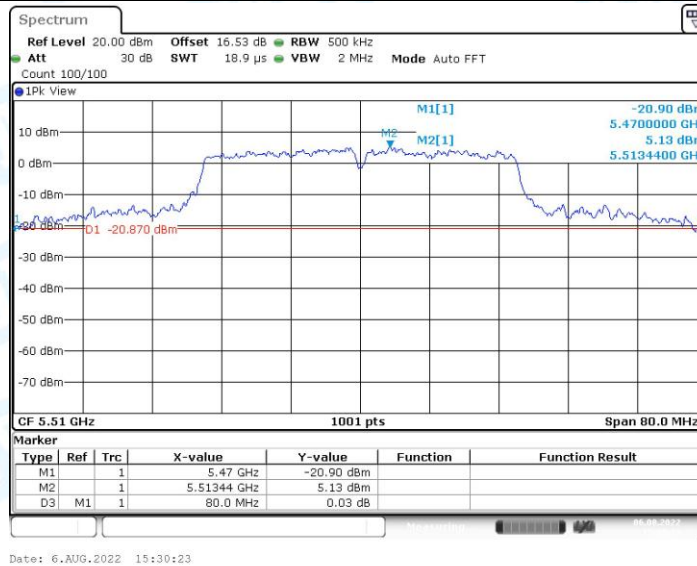
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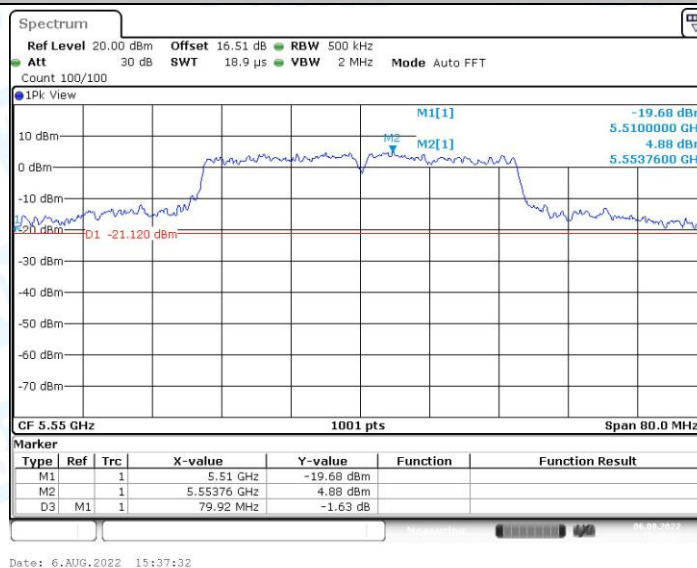
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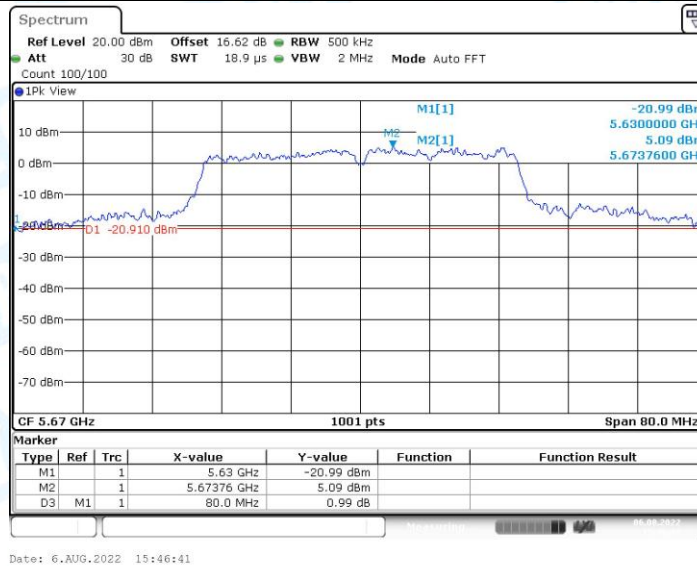
11AC40SISO_Ant1_5510



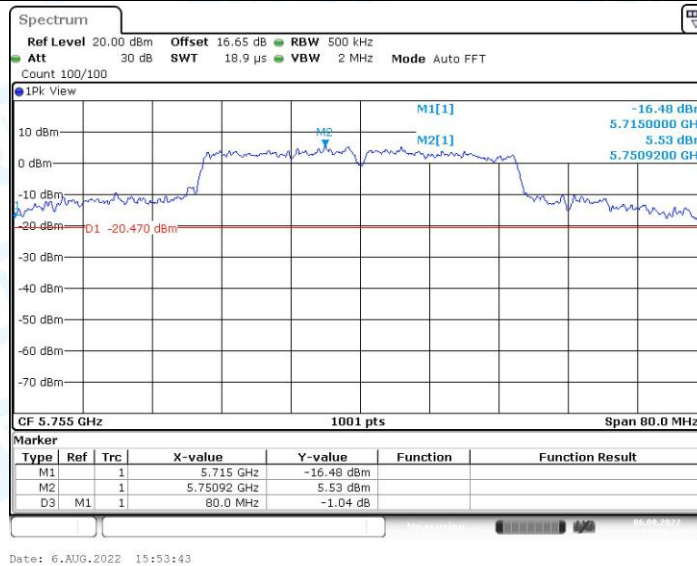
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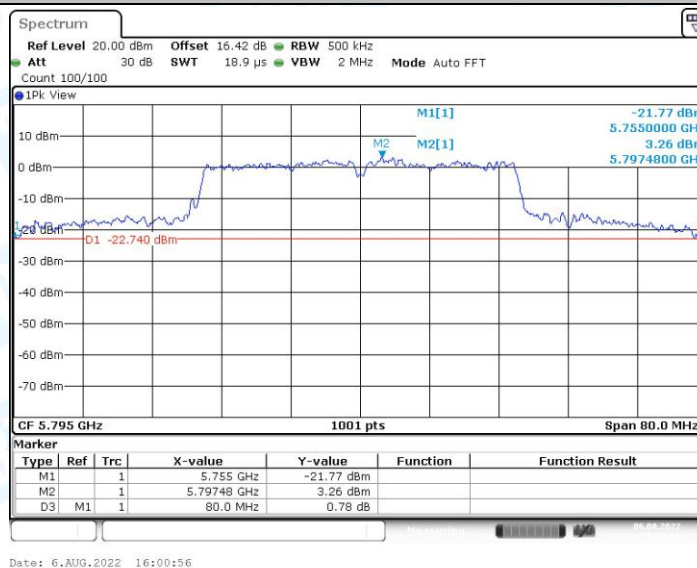
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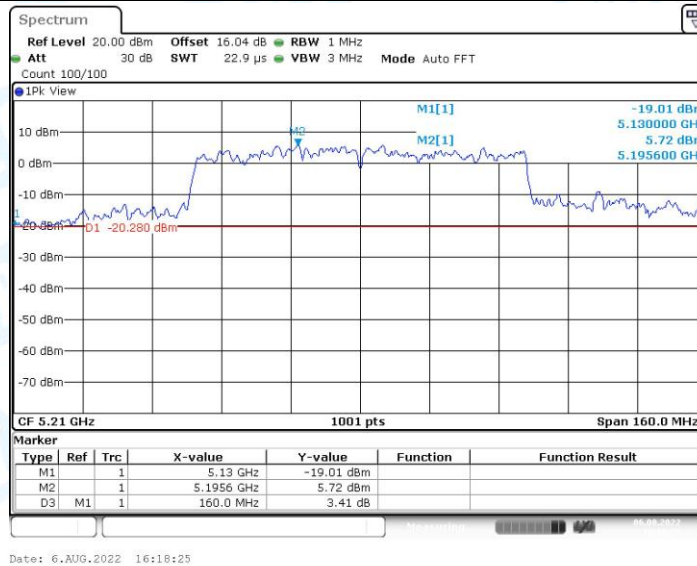
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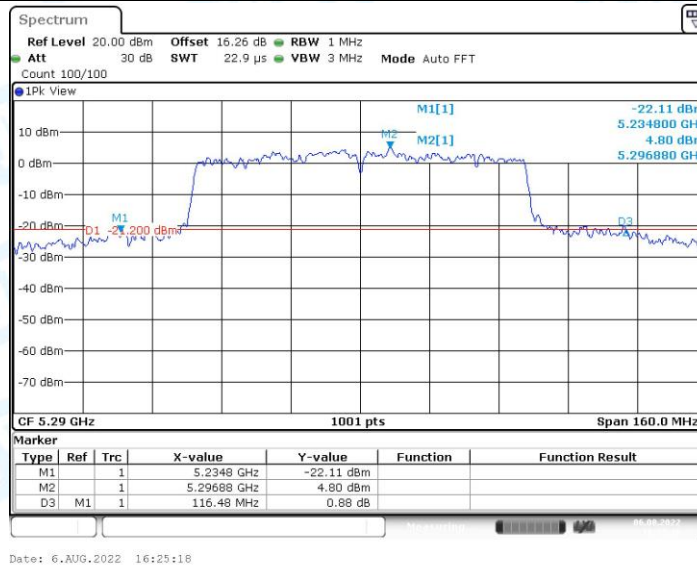
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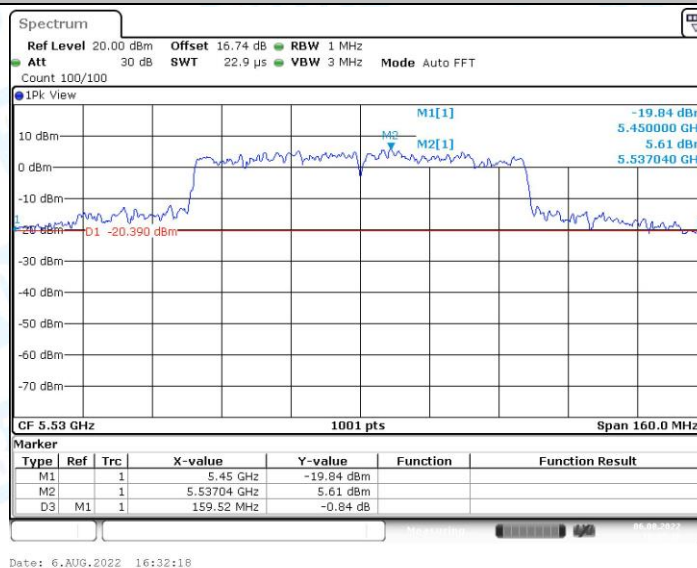
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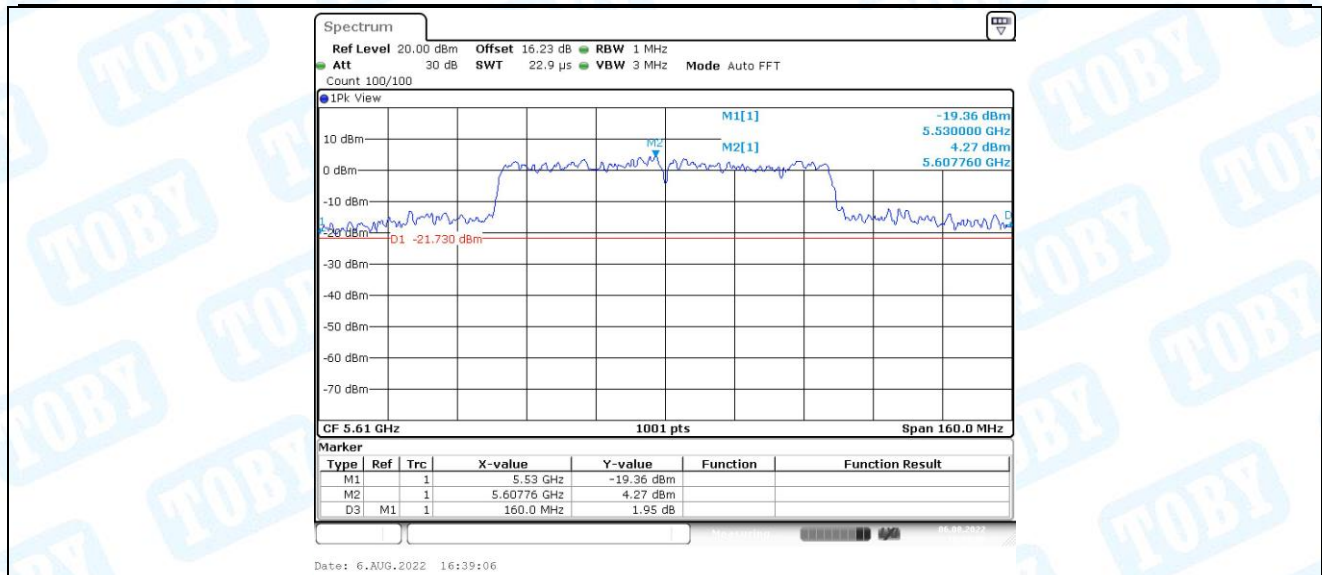
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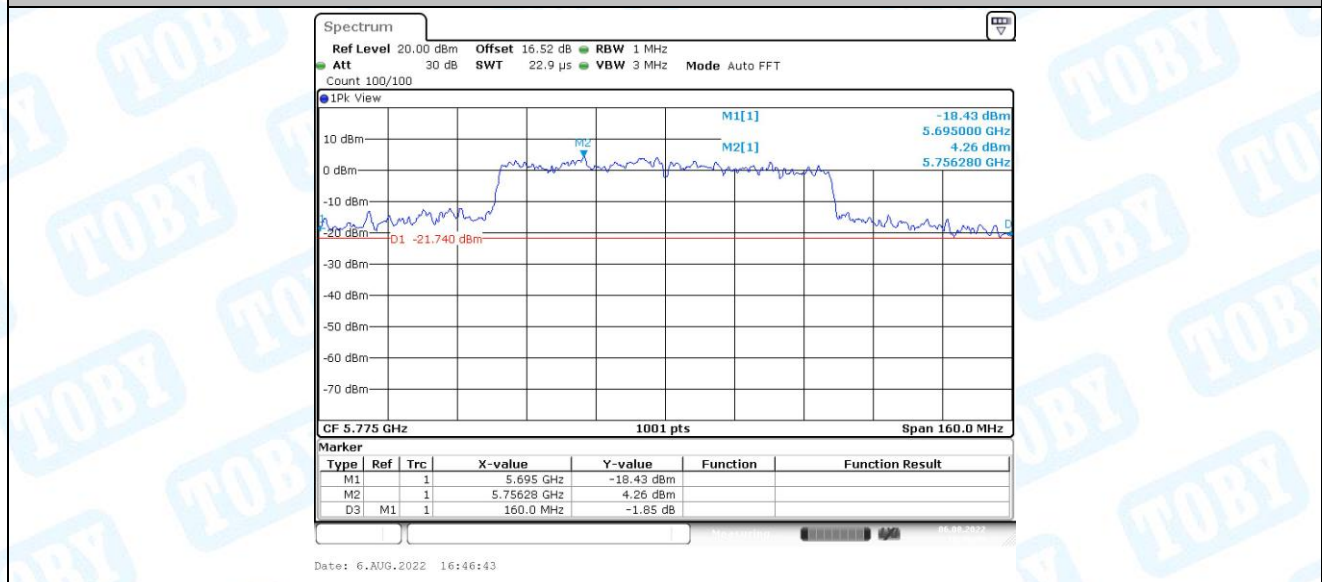
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11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5775



2. Occupied channel bandwidth

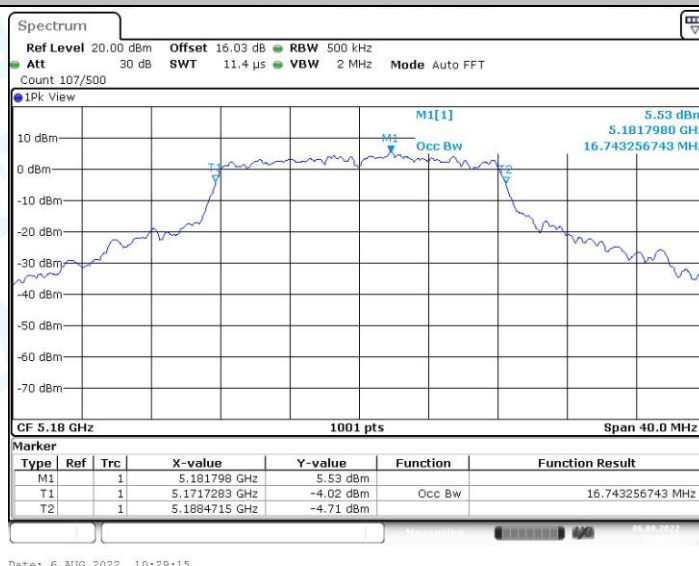
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.743	5171.728	5188.472	---	---
		5220	18.142	5211.169	5229.311	---	---
		5240	24.655	5229.251	5253.906	---	---
		5260	27.293	5247.453	5274.745	---	---
		5300	28.691	5286.134	5314.825	---	---
		5320	18.981	5310.490	5329.471	---	---
		5500	23.177	5488.332	5511.508	---	---
		5580	26.054	5567.293	5593.347	---	---
		5700	27.612	5686.893	5714.505	---	---
		5745	25.175	5732.413	5757.587	---	---
		5785	20.1	5774.690	5794.790	---	---
		5825	26.334	5812.413	5838.746	---	---
11N20SISO	Ant1	5180	19.9	5170.529	5190.430	---	---
		5220	24.496	5208.252	5232.747	---	---
		5240	26.813	5227.932	5254.745	---	---
		5260	26.853	5247.453	5274.306	---	---
		5300	27.373	5287.093	5314.466	---	---
		5320	19.54	5310.490	5330.030	---	---
		5500	22.937	5488.571	5511.508	---	---
		5580	25.574	5567.173	5592.747	---	---
		5700	28.931	5685.814	5714.745	---	---
		5745	25.774	5732.013	5757.787	---	---
		5785	20.699	5774.451	5795.150	---	---
		5825	19.141	5815.490	5834.630	---	---
11N40SISO	Ant1	5190	49.79	5168.501	5218.292	---	---
		5230	36.683	5211.698	5248.382	---	---
		5270	36.603	5251.778	5288.382	---	---
		5310	37.083	5291.618	5328.701	---	---
		5510	41.159	5488.422	5529.580	---	---
		5550	48.032	5526.024	5574.056	---	---
		5670	39.64	5651.299	5690.939	---	---
		5755	59.221	5724.231	5783.452	---	---
		5795	45.395	5772.542	5817.937	---	---
11AC20SISO	Ant1	5180	19.78	5170.450	5190.230	---	---
		5220	22.857	5208.891	5231.748	---	---
		5240	25.534	5228.292	5253.826	---	---
		5260	26.334	5248.172	5274.505	---	---
		5300	26.973	5286.893	5313.866	---	---
		5320	29.61	5305.534	5335.145	---	---
		5500	22.298	5488.931	5511.229	---	---
		5580	25.055	5567.453	5592.507	---	---

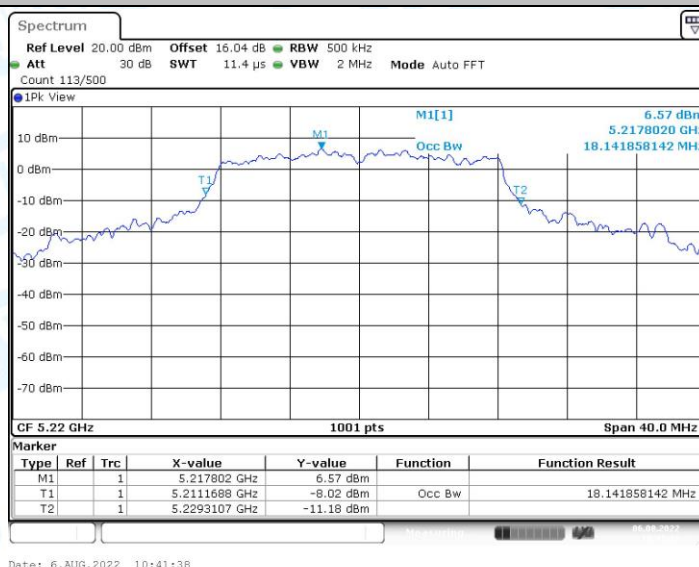
		5700	28.372	5686.494	5714.865	---	---
		5745	24.815	5732.093	5756.908	---	---
		5785	20.34	5774.850	5795.190	---	---
		5825	19.98	5815.370	5835.350	---	---
11AC40SISO	Ant1	5190	51.309	5167.063	5218.372	---	---
		5230	36.444	5211.858	5248.302	---	---
		5270	36.523	5251.858	5288.382	---	---
		5310	36.843	5291.618	5328.462	---	---
		5510	41.718	5488.422	5530.140	---	---
		5550	49.071	5525.225	5574.296	---	---
		5670	41.079	5651.379	5692.458	---	---
		5755	58.262	5724.790	5783.052	---	---
		5795	46.434	5771.184	5817.617	---	---
11AC80SISO	Ant1	5210	102.458	5167.003	5269.461	---	---
		5290	76.404	5251.958	5328.362	---	---
		5530	81.199	5489.081	5570.280	---	---
		5610	108.052	5558.052	5666.104	---	---
		5775	101.658	5720.335	5821.993	---	---

2.2. Test Graphs

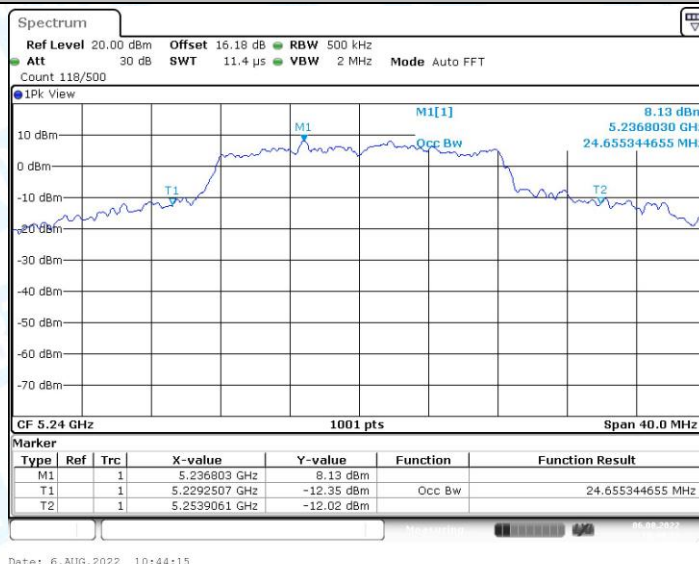
11A_Ant1_5180



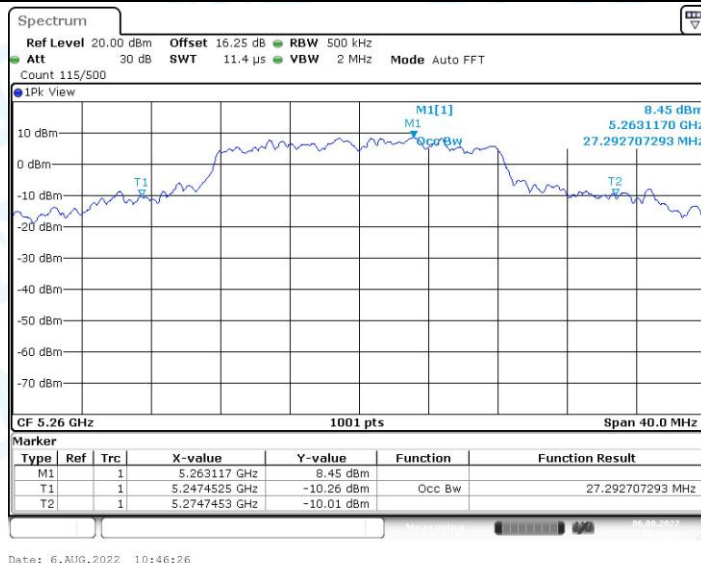
11A_Ant1_5220



11A_Ant1_5240



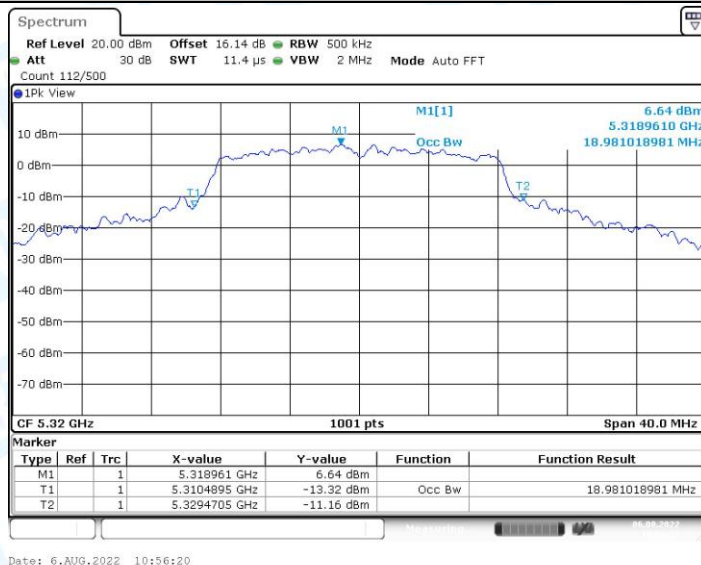
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



11A_Ant1_5500