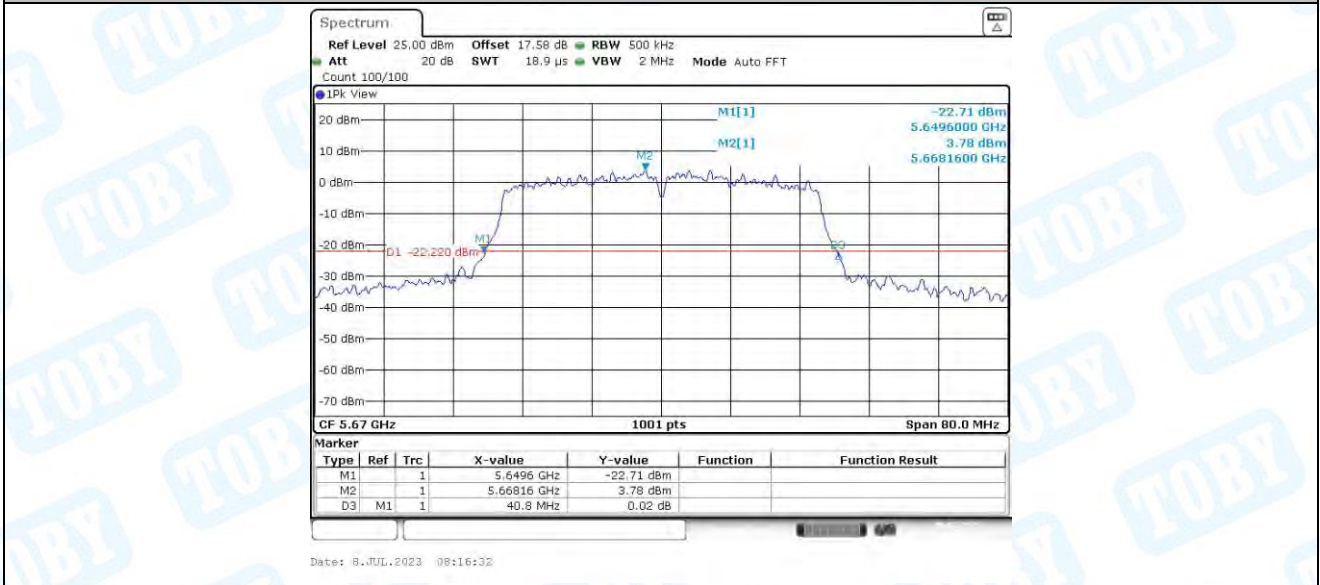
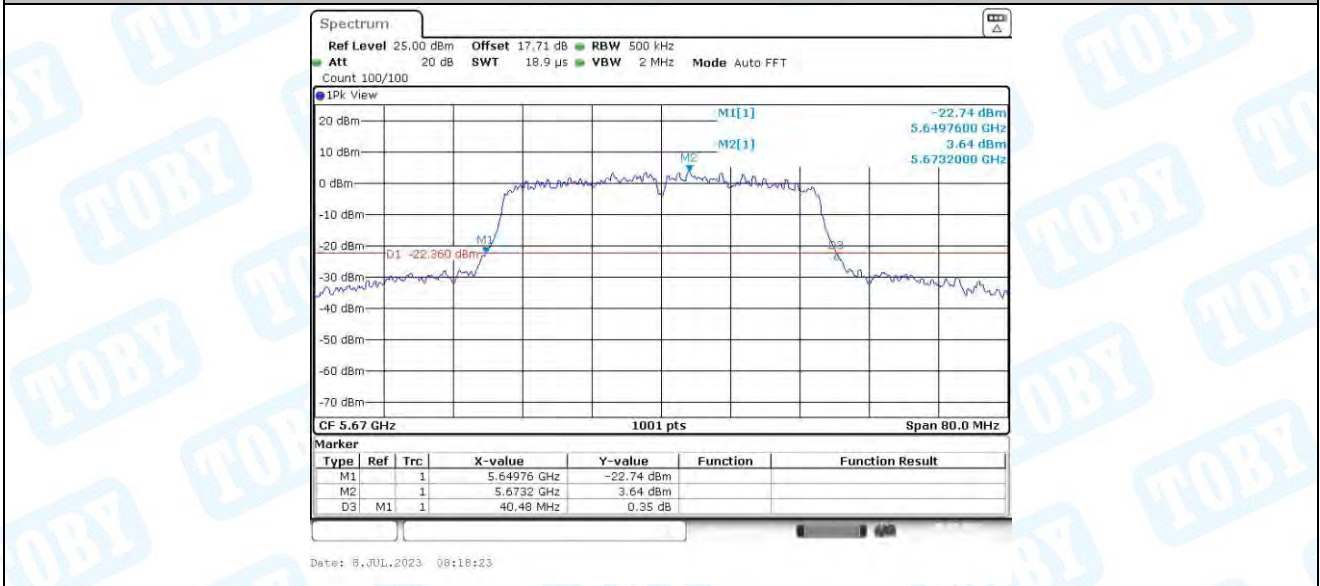


11AC40-CDD\_Ant3\_5670

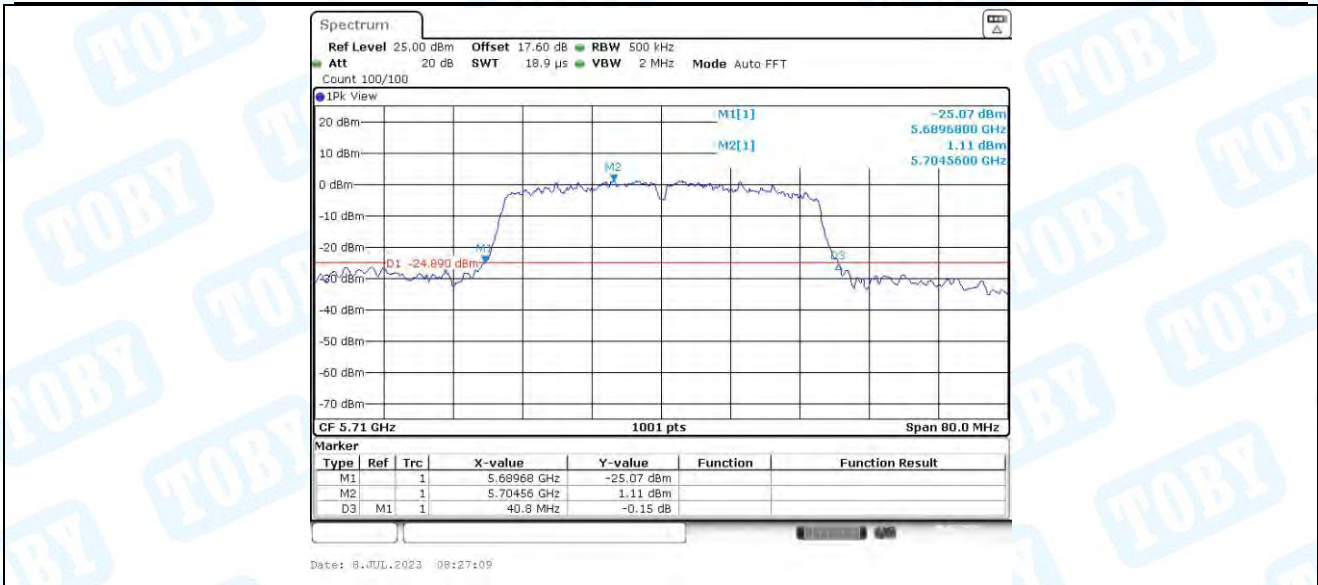


11AC40-CDD\_Ant4\_5670

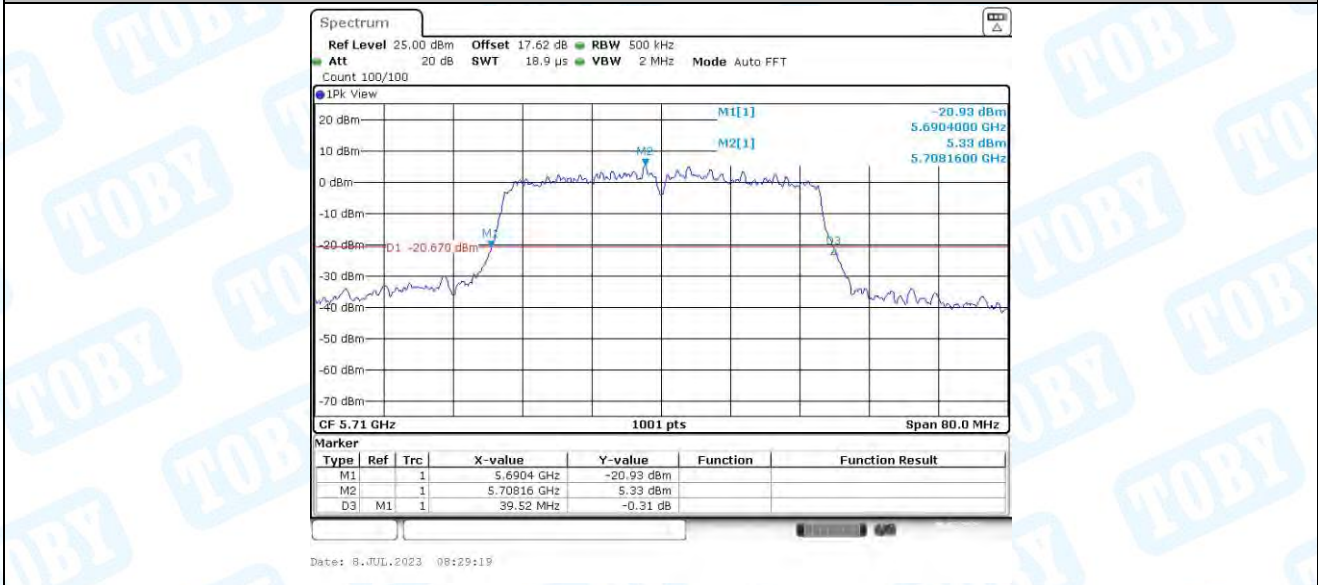


11AC40-CDD\_Ant1\_5710

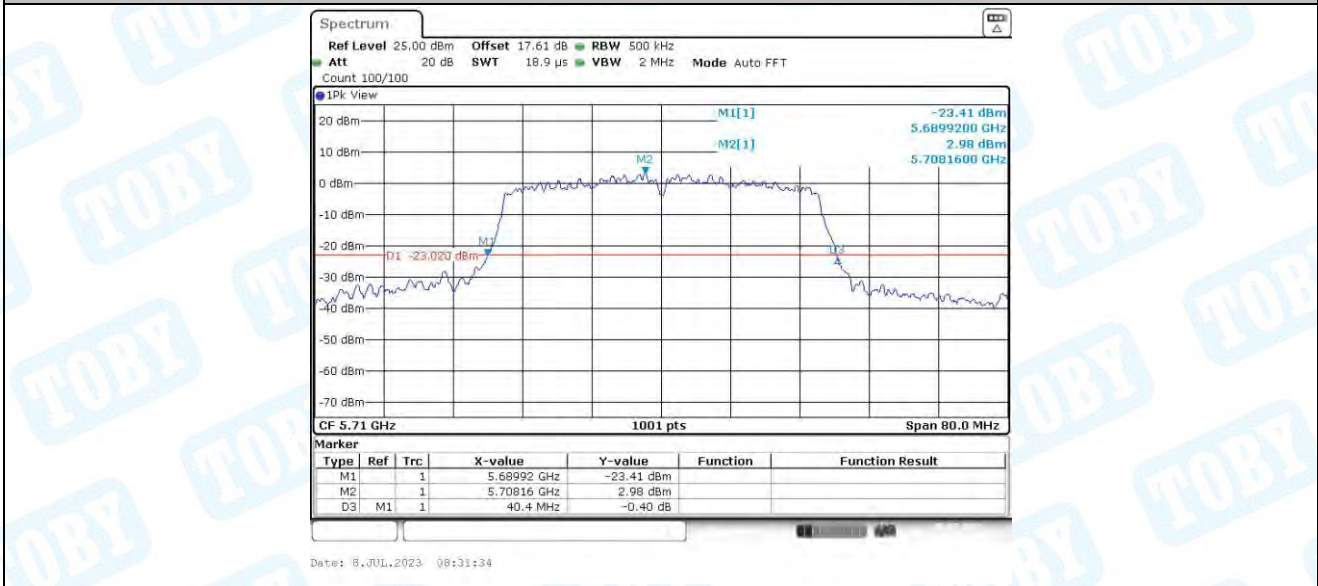




11AC40-CDD\_Ant2\_5710

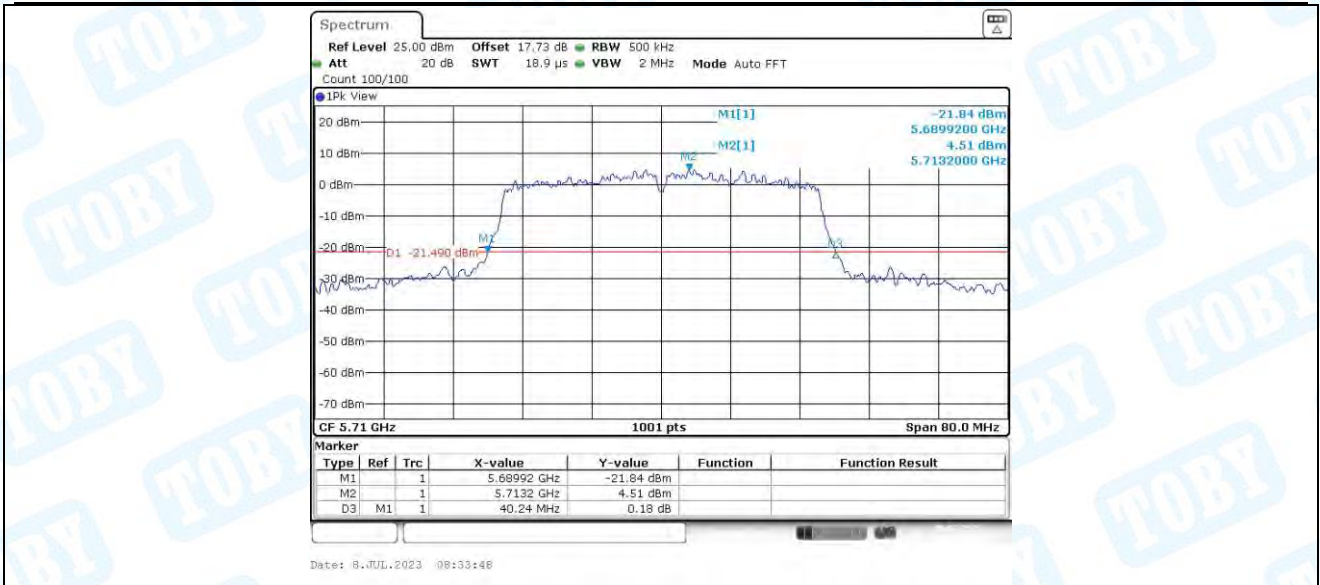


11AC40-CDD\_Ant3\_5710

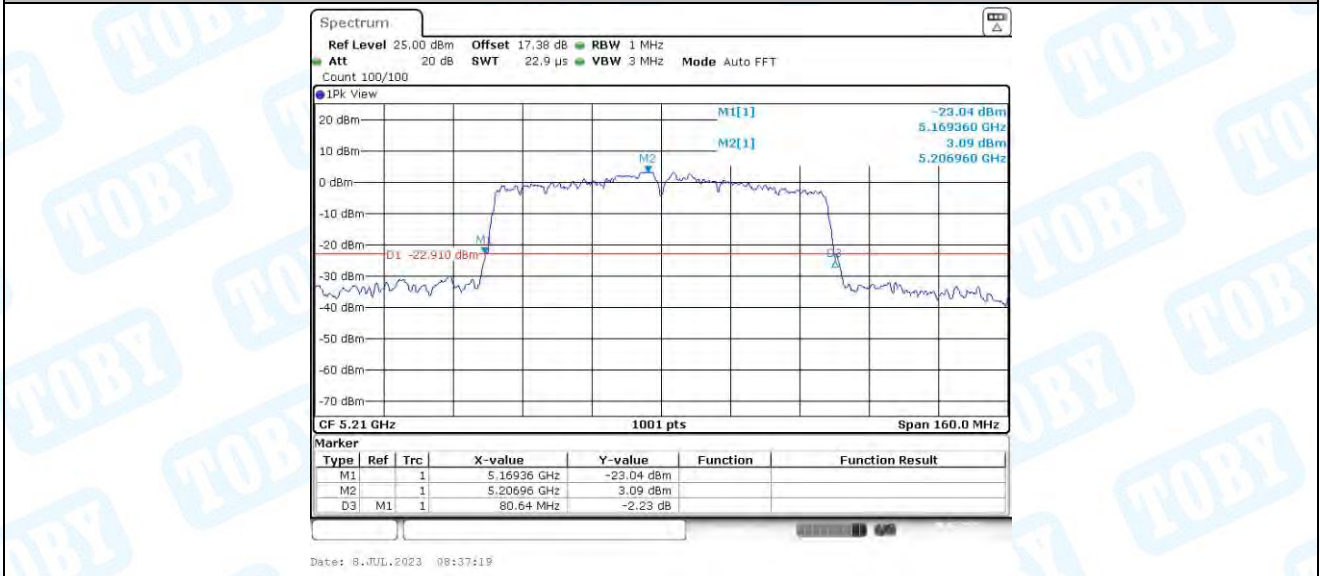


11AC40-CDD\_Ant4\_5710

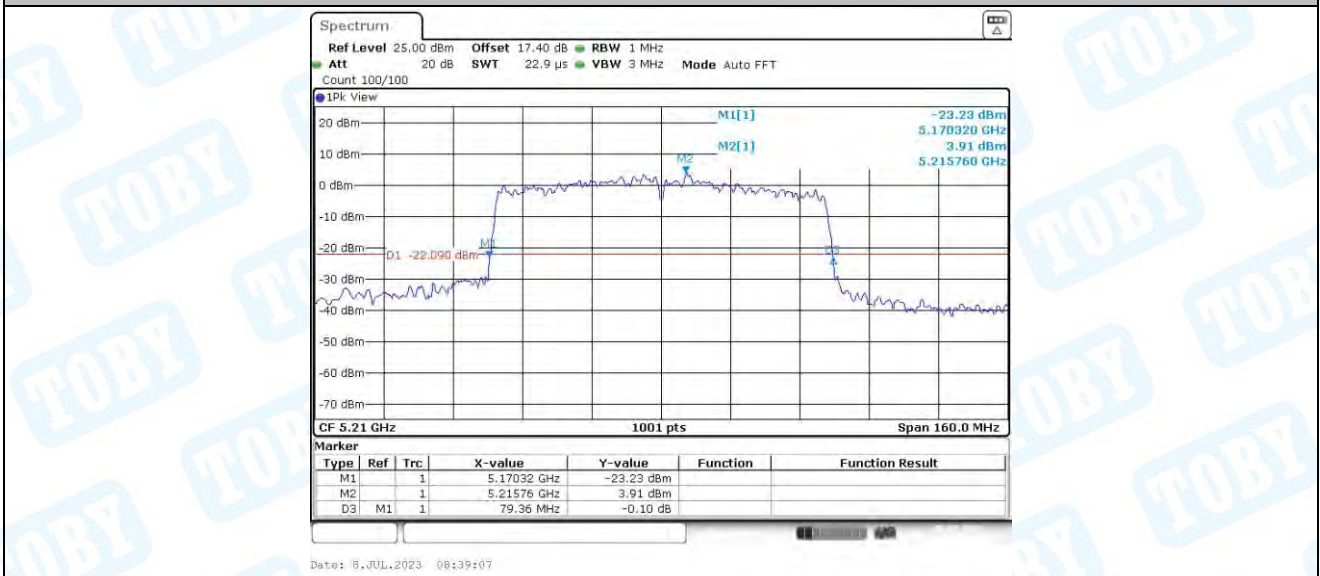




11AC80-CDD\_Ant1\_5210

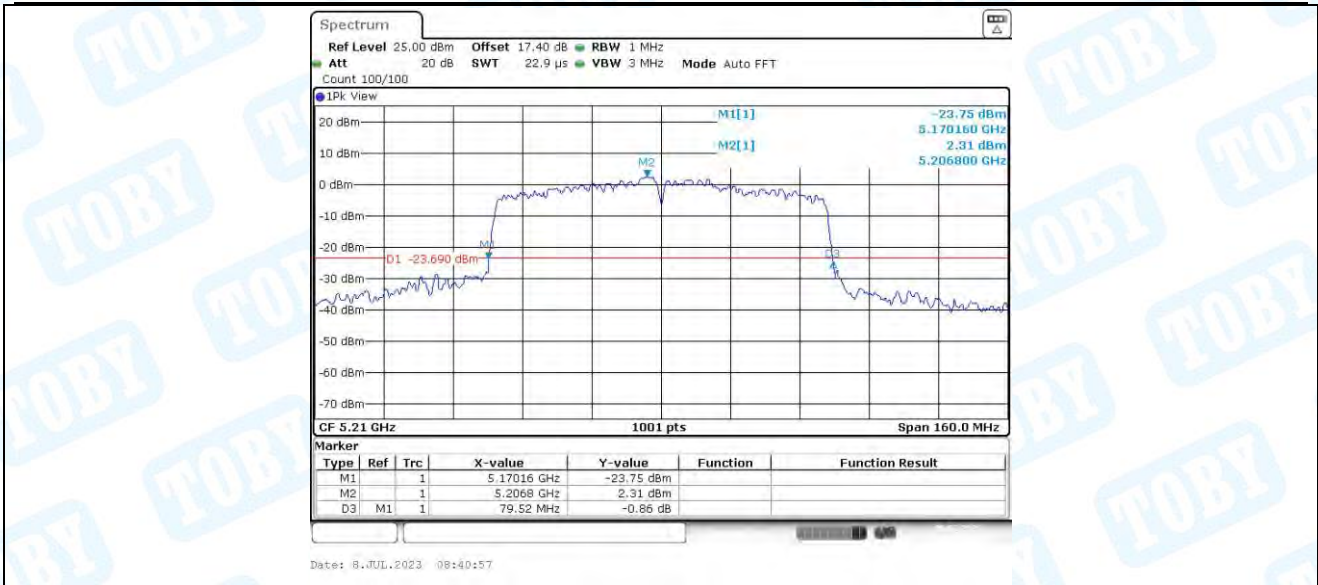


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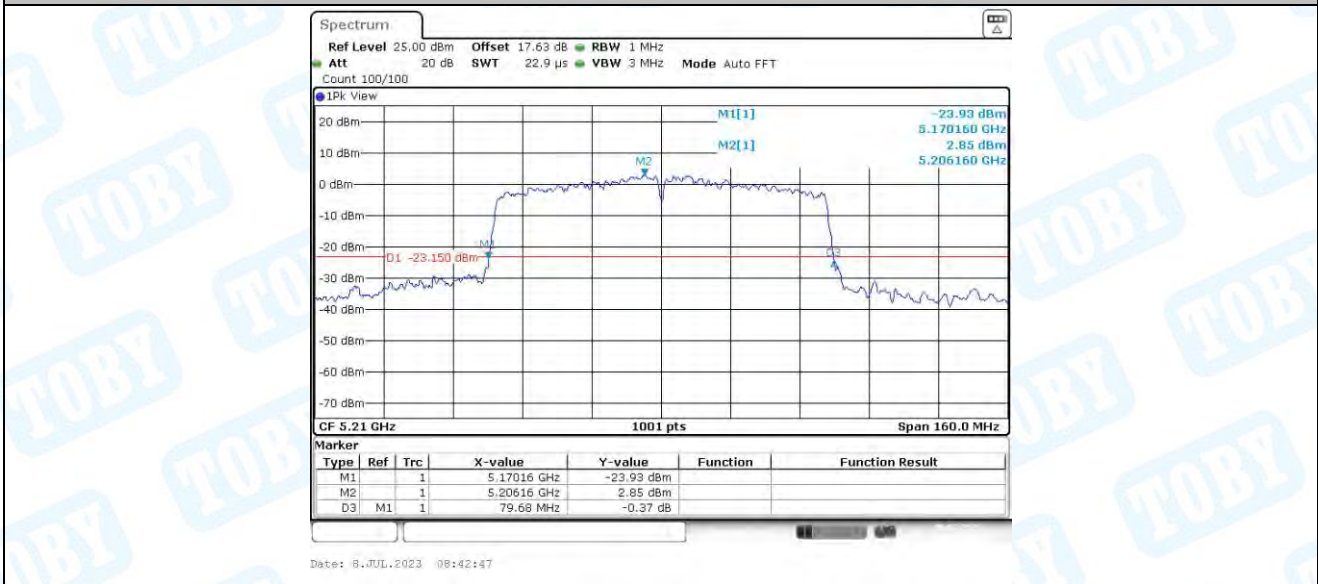


11AC80-CDD\_Ant3\_5210

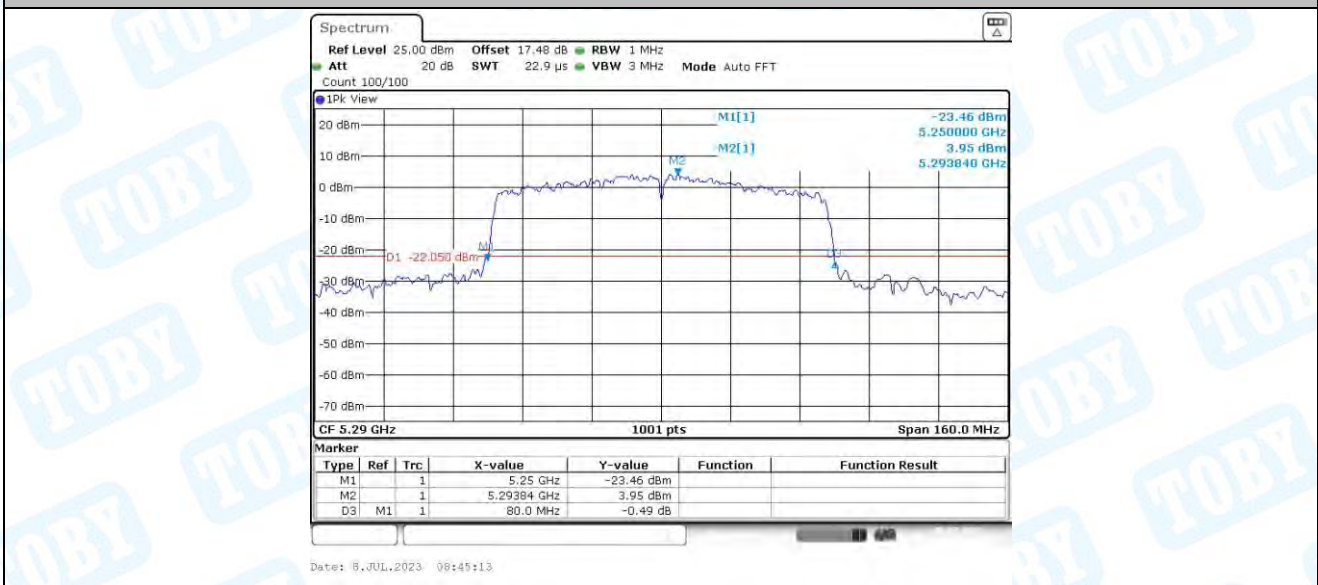




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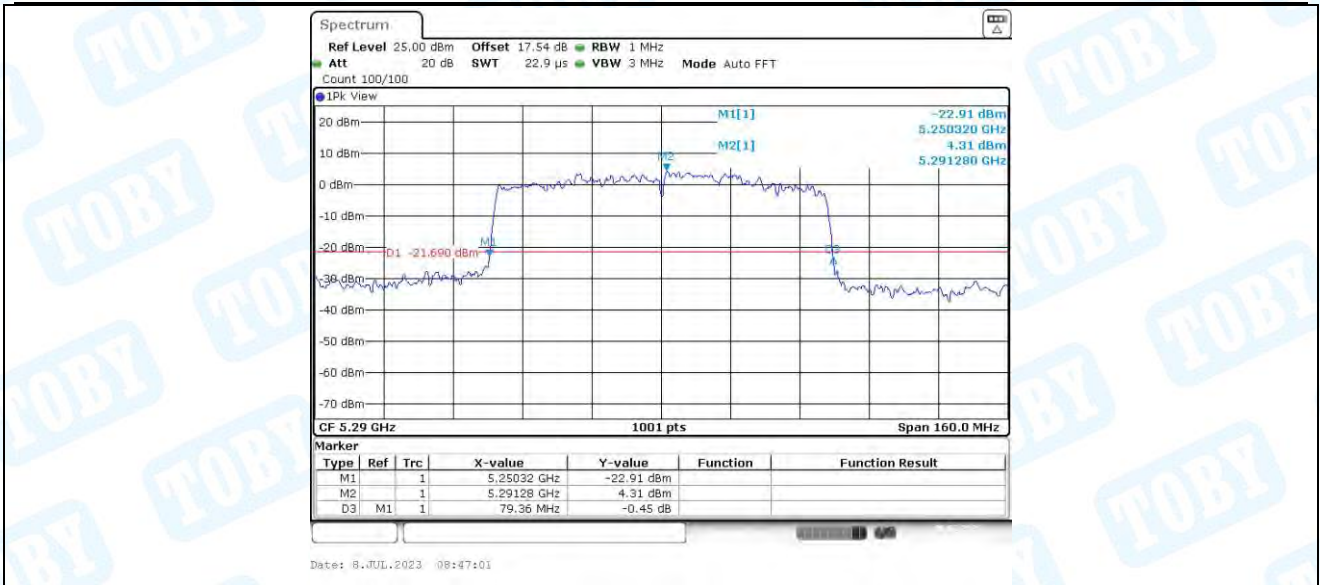


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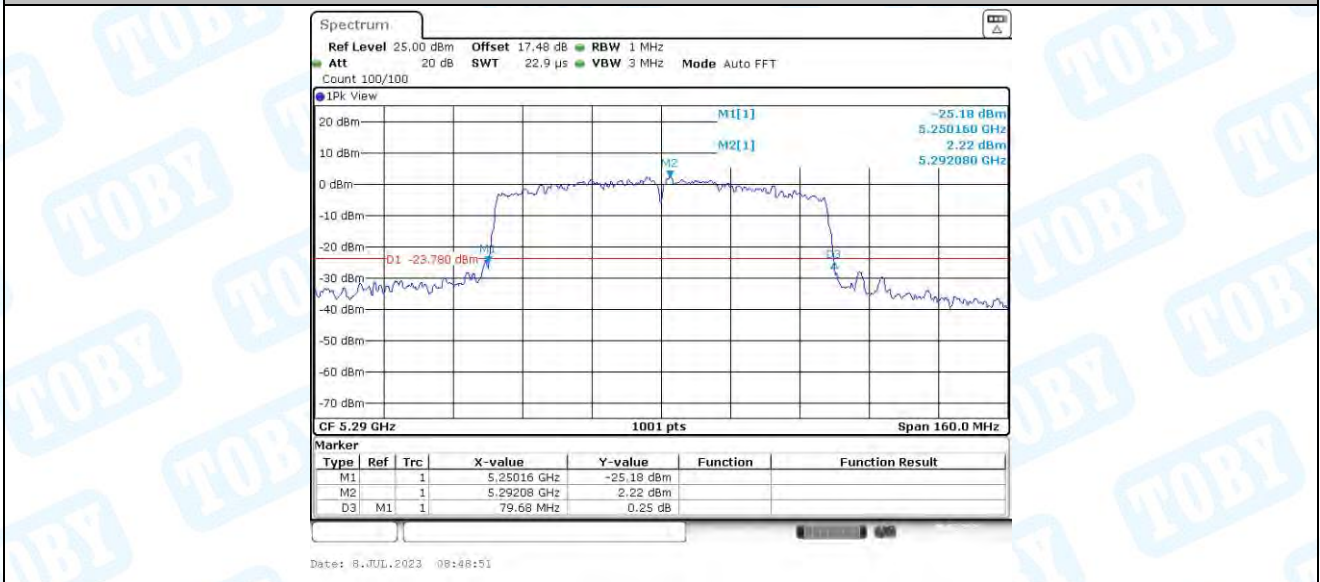


11AC80-CDD\_Ant2\_5290

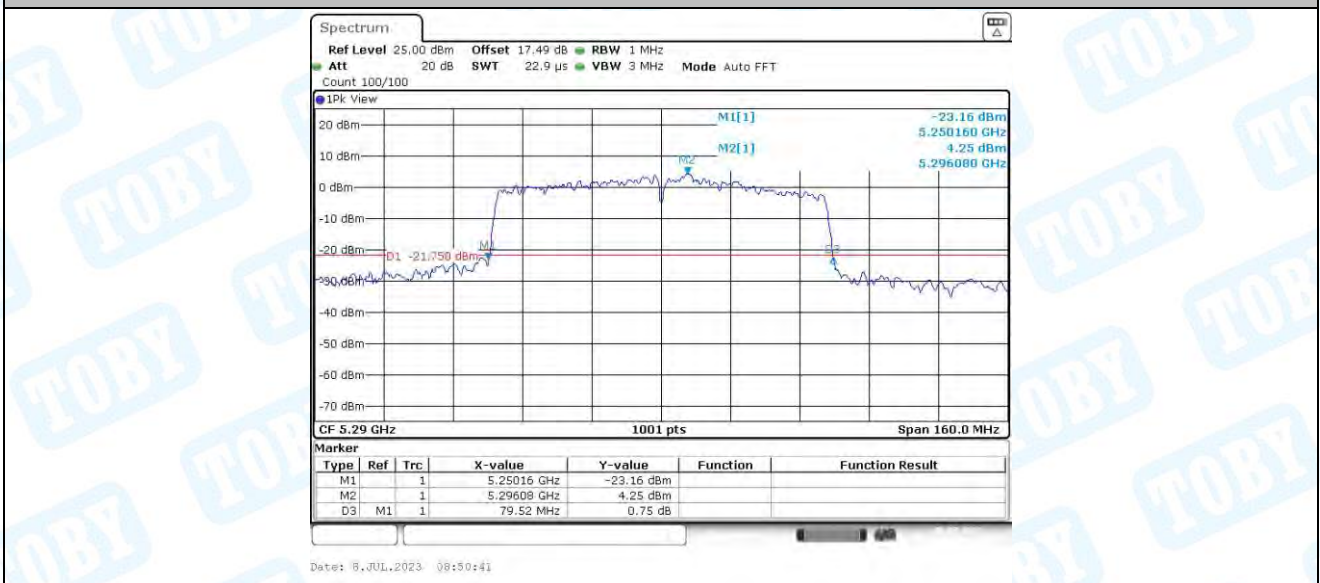




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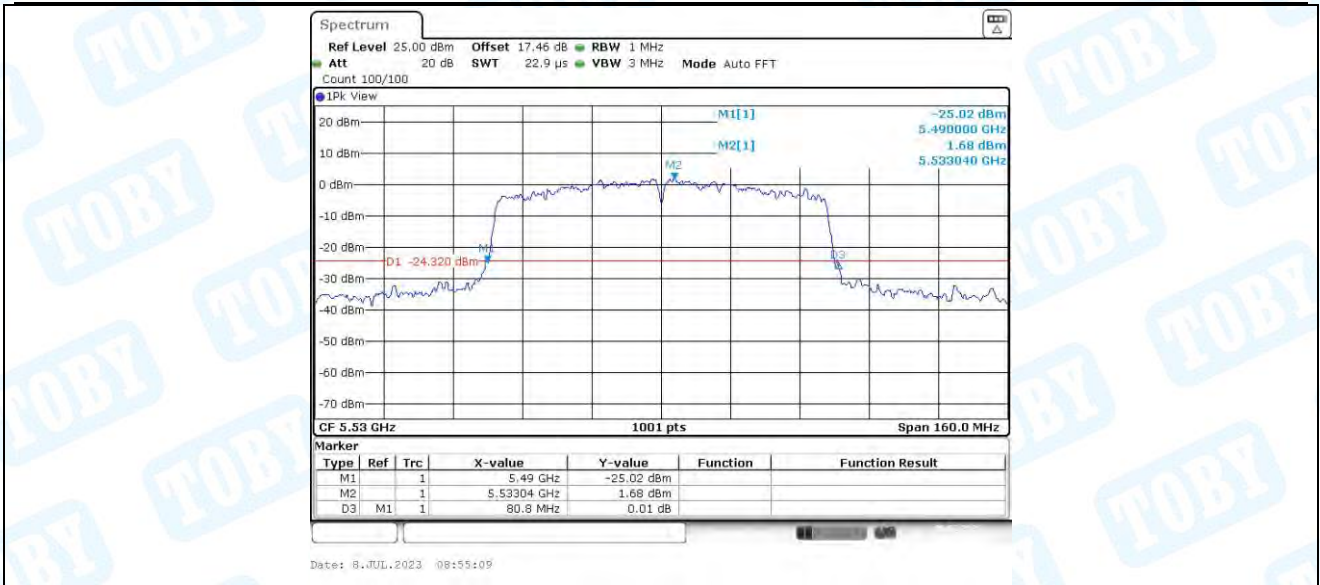


11AC80-CDD\_Ant4\_5290

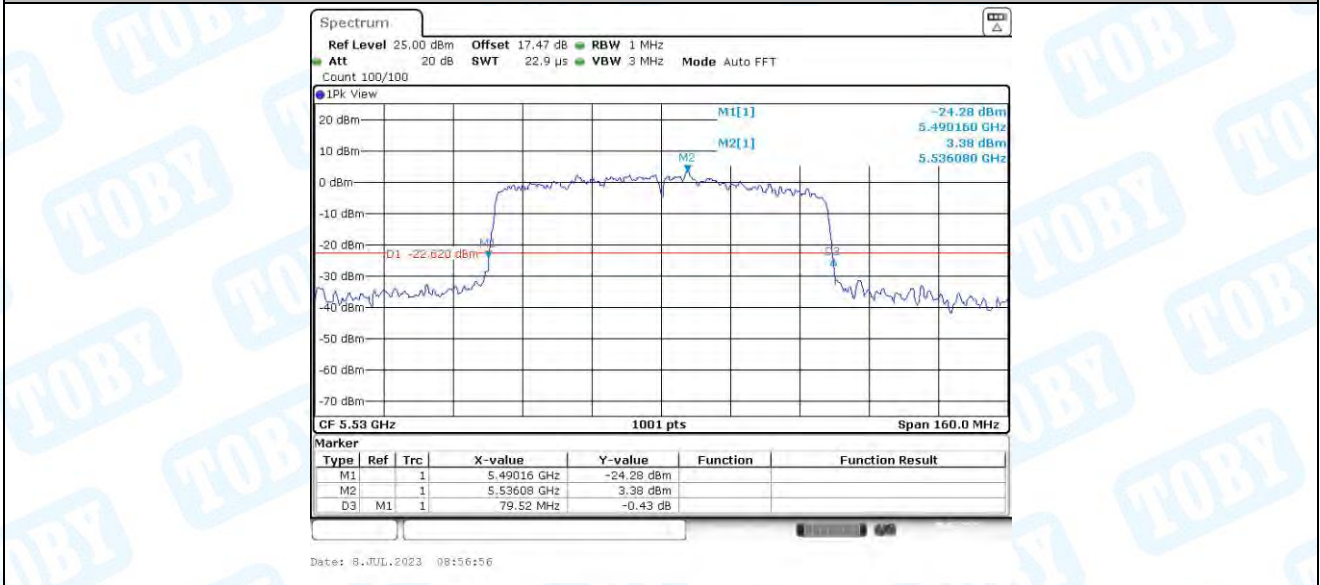


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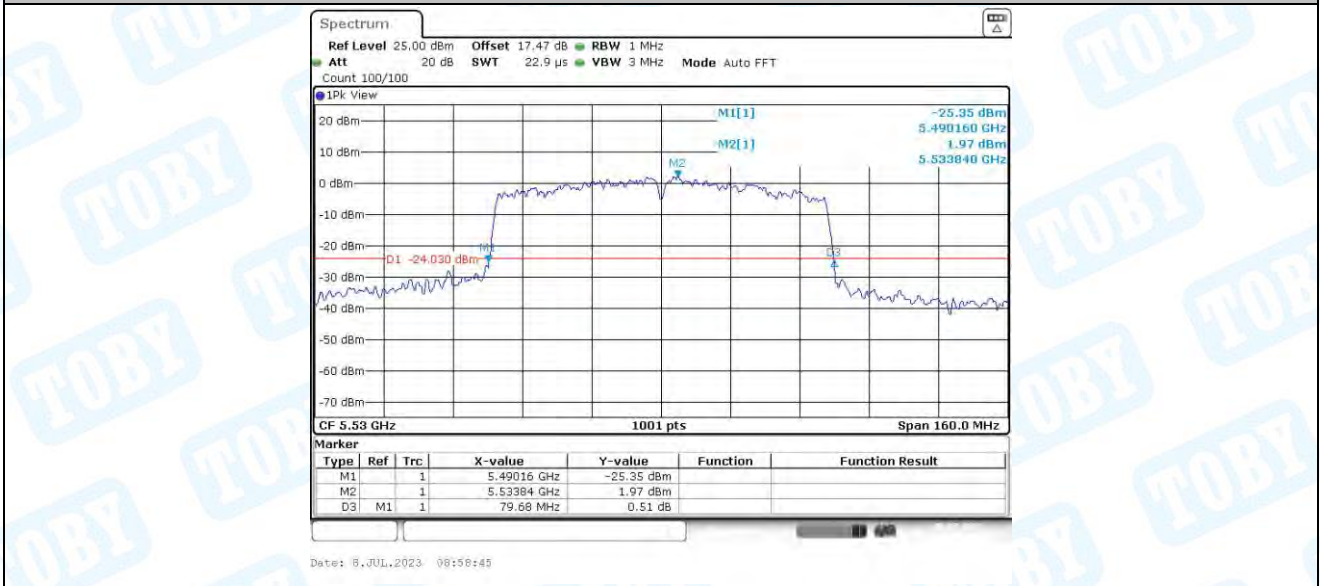




11AC80-CDD\_Ant2\_5530

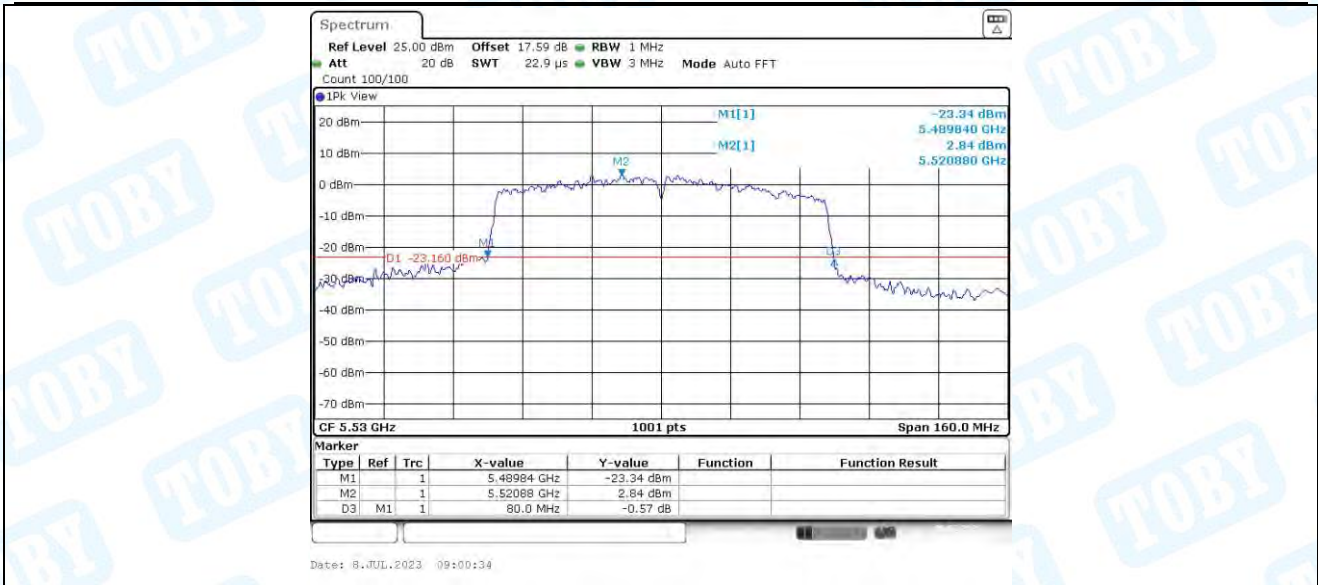


11AC80-CDD\_Ant3\_5530

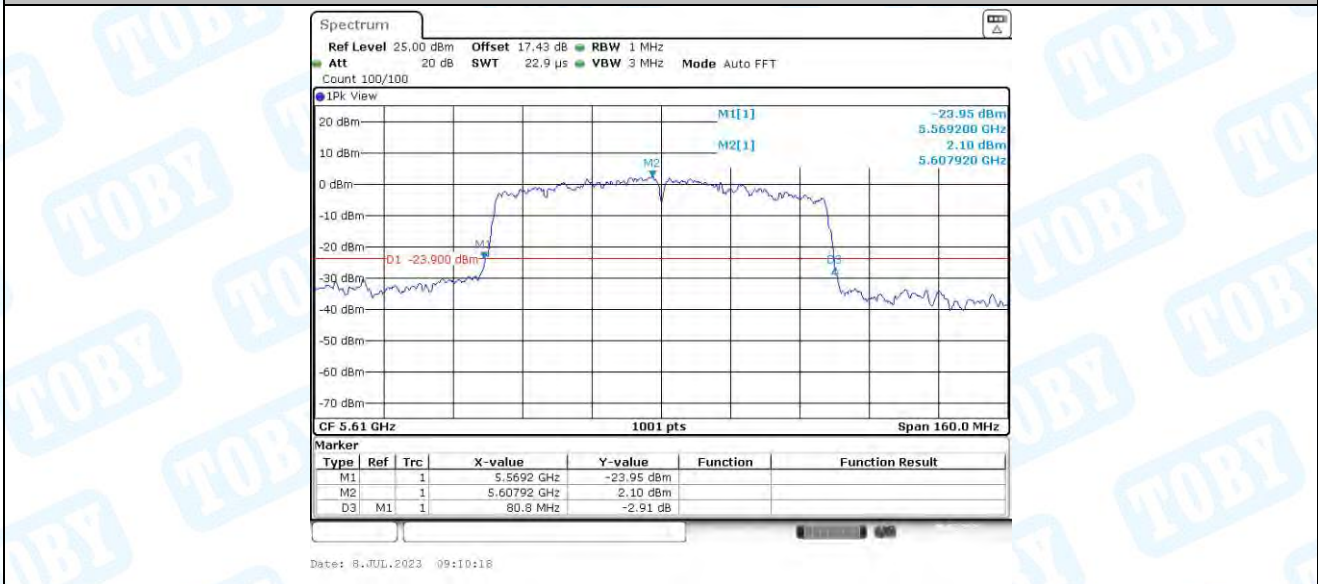


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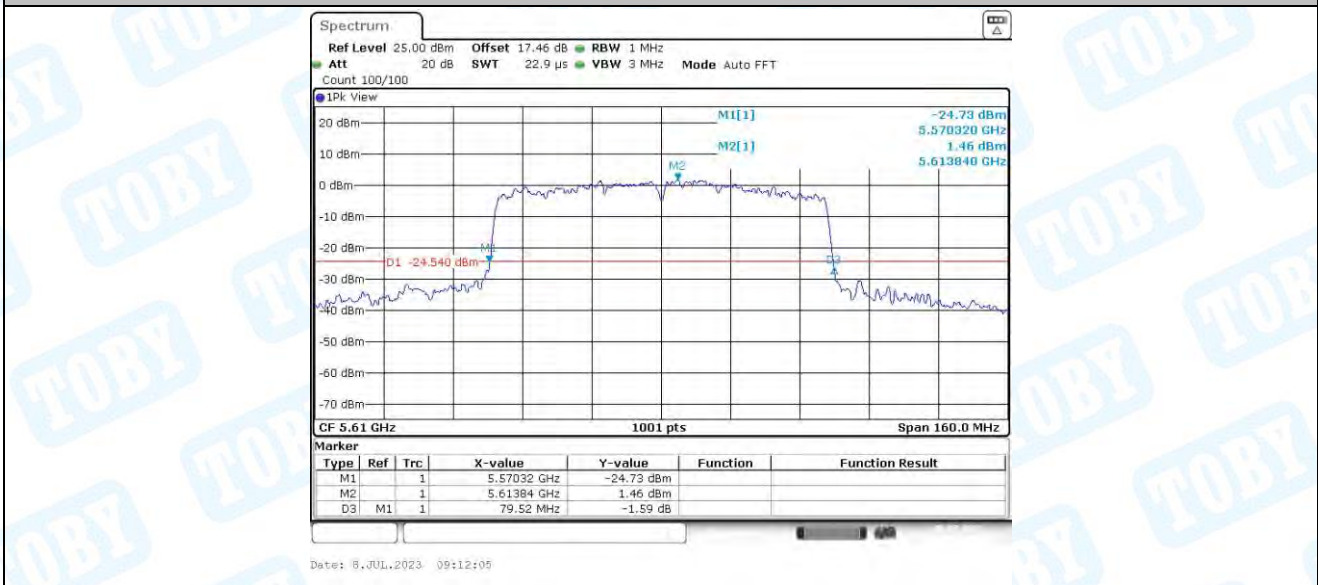




11AC80-CDD\_Ant1\_5610

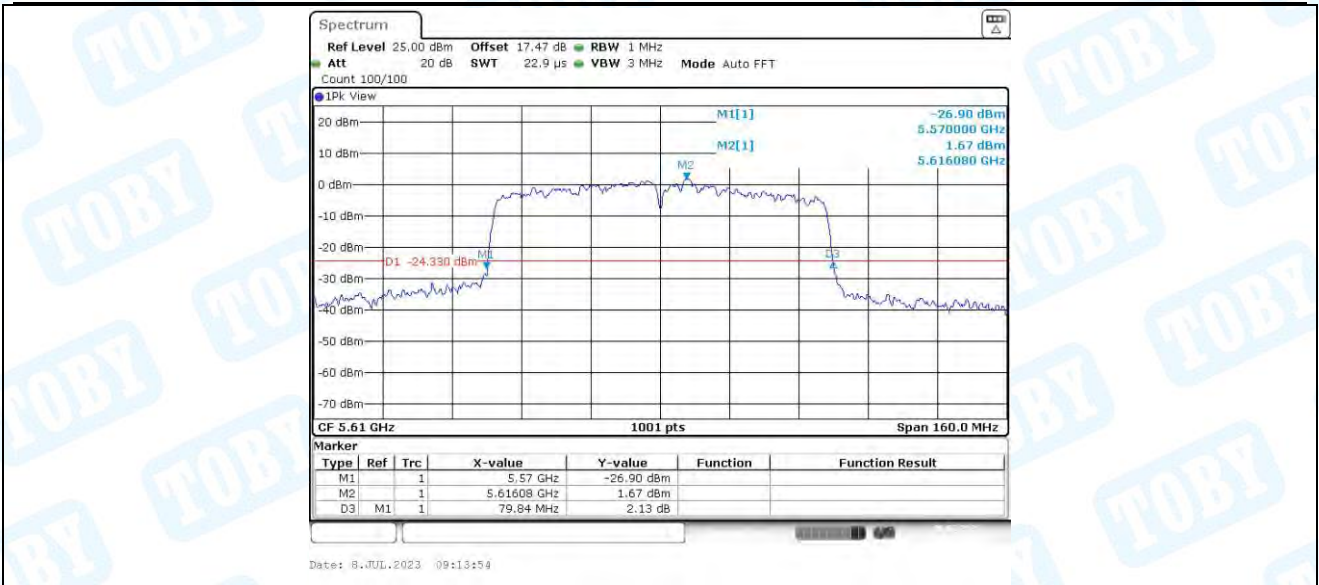


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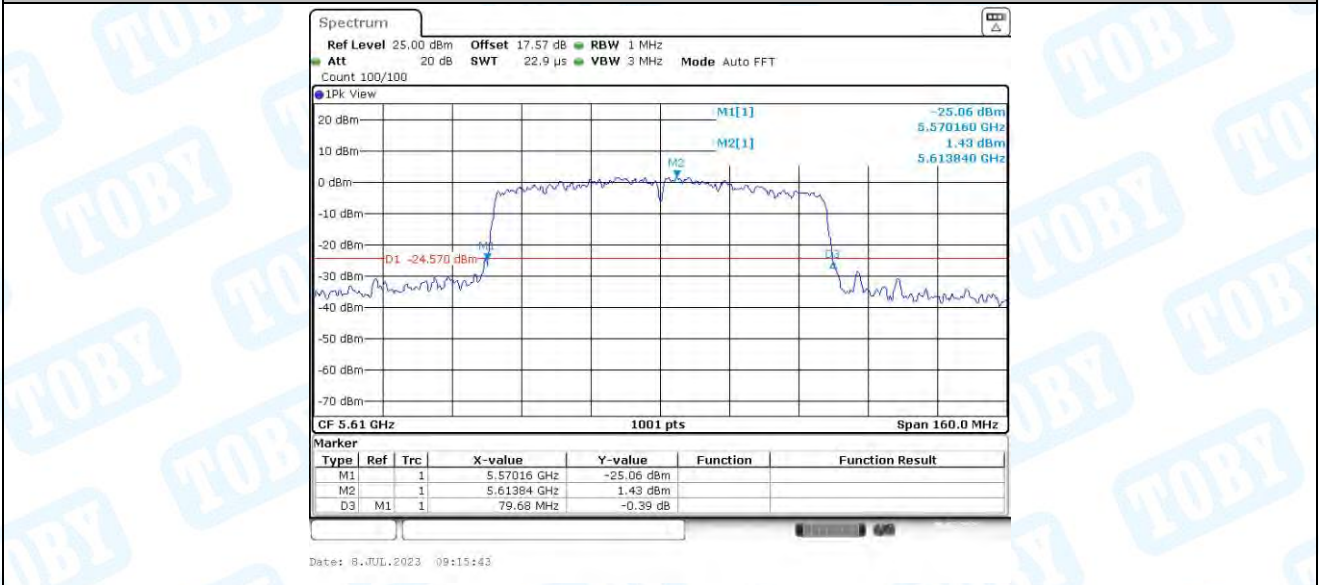


11AC80-CDD\_Ant3\_5610

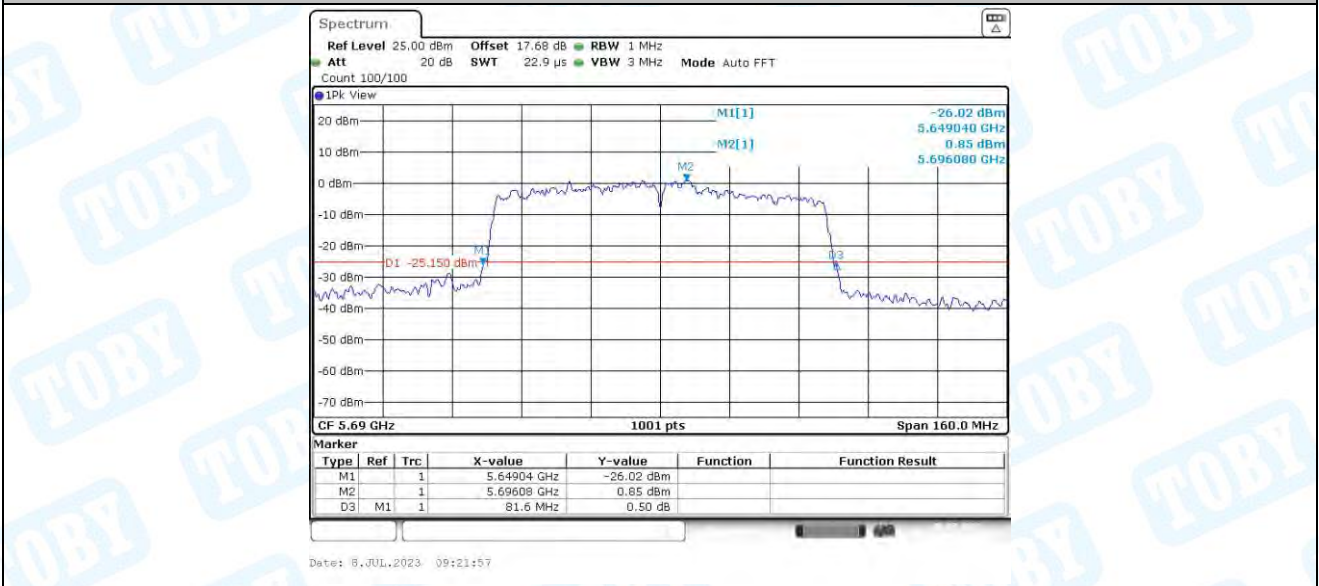




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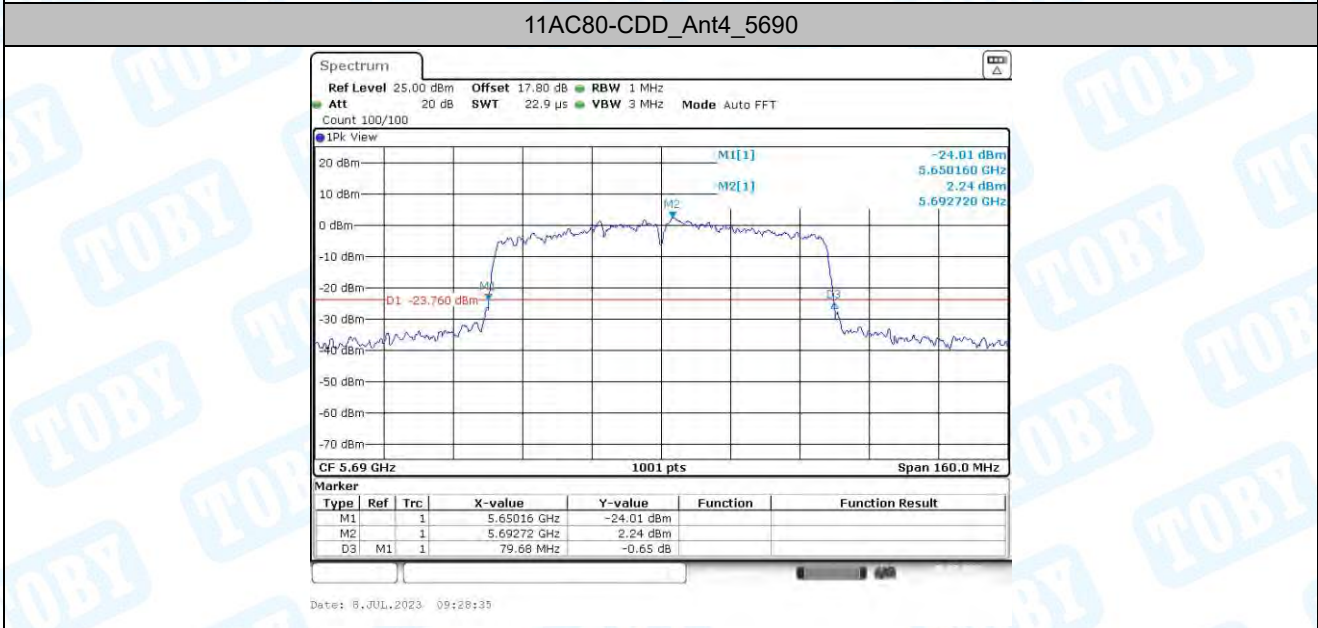
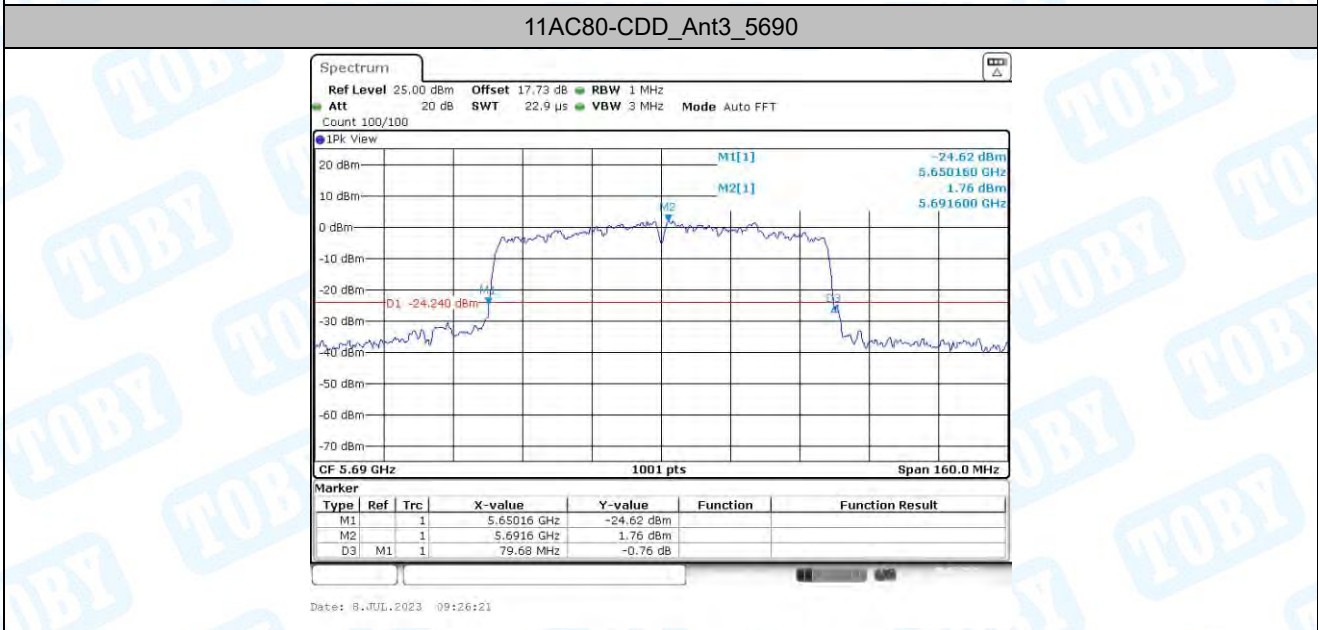
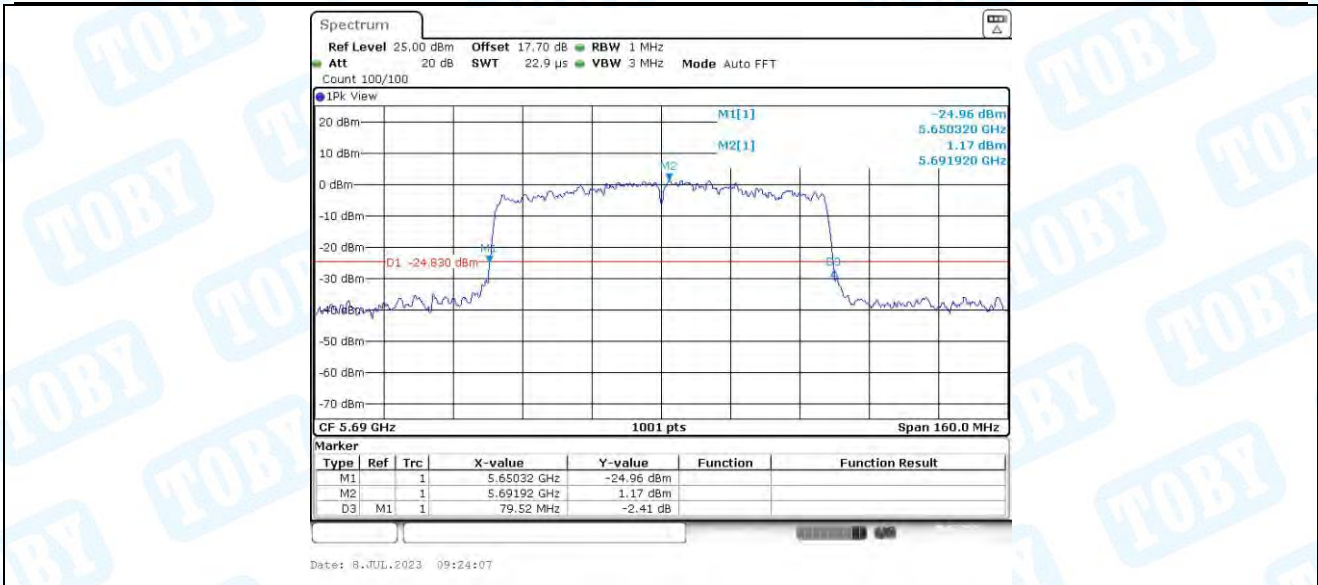


11AC80-CDD\_Ant1\_5690



11AC80-CDD\_Ant2\_5690







## 2. Min emission bandwidth

### 2.1. Test Result

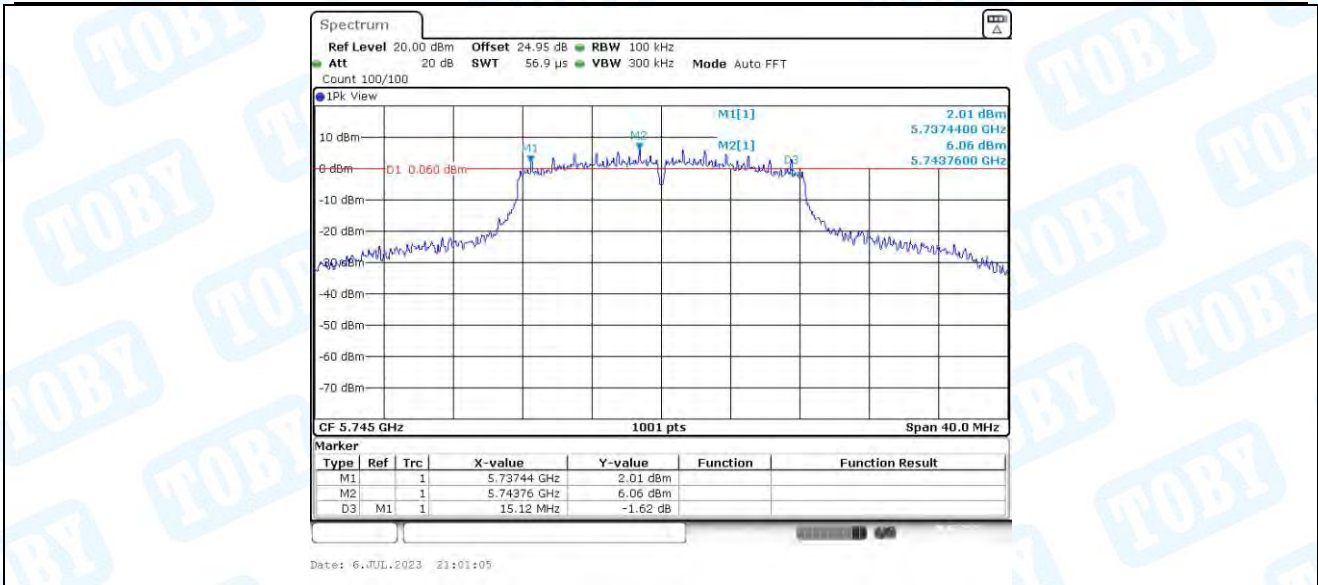
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-SISO	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
	Ant2	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant3	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant4	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant1	5785	15.36	5777.24	5792.60	0.5	PASS
	Ant2	5785	13.88	5778.68	5792.56	0.5	PASS
	Ant3	5785	15.12	5777.44	5792.56	0.5	PASS
	Ant4	5785	15.32	5777.24	5792.56	0.5	PASS
	Ant1	5825	16.28	5816.88	5833.16	0.5	PASS
	Ant2	5825	15.12	5817.44	5832.56	0.5	PASS
	Ant3	5825	15.12	5817.44	5832.56	0.5	PASS
	Ant4	5825	15.12	5817.44	5832.56	0.5	PASS
11N20-CDD	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.96	5736.60	5752.56	0.5	PASS
	Ant3	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant4	5745	17.04	5736.48	5753.52	0.5	PASS
	Ant1	5785	15.12	5777.48	5792.60	0.5	PASS
	Ant2	5785	16.88	5776.28	5793.16	0.5	PASS
	Ant3	5785	17.16	5776.24	5793.40	0.5	PASS
	Ant4	5785	15.08	5777.48	5792.56	0.5	PASS
	Ant1	5825	15.16	5817.44	5832.60	0.5	PASS
	Ant2	5825	16.68	5816.48	5833.16	0.5	PASS
	Ant3	5825	15.12	5817.48	5832.60	0.5	PASS
	Ant4	5825	15.08	5817.48	5832.56	0.5	PASS
11N40-CDD	Ant1	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant3	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant4	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant3	5795	34.48	5778.12	5812.60	0.5	PASS
	Ant4	5795	35.12	5777.48	5812.60	0.5	PASS
11AC20-CDD	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.68	5736.88	5752.56	0.5	PASS
	Ant3	5745	15.72	5736.88	5752.60	0.5	PASS
	Ant4	5745	12.60	5738.72	5751.32	0.5	PASS
	Ant1	5785	15.12	5777.48	5792.60	0.5	PASS
	Ant2	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant3	5785	15.08	5777.52	5792.60	0.5	PASS
	Ant4	5785	15.08	5777.48	5792.56	0.5	PASS
	Ant1	5825	15.12	5817.48	5832.60	0.5	PASS
	Ant2	5825	15.68	5816.88	5832.56	0.5	PASS
	Ant3	5825	15.08	5817.48	5832.56	0.5	PASS
	Ant4	5825	15.12	5817.48	5832.60	0.5	PASS
11AC40-CDD	Ant1	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant3	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant4	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant3	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant4	5795	28.56	5777.48	5806.04	0.5	PASS
11AC80-CDD	Ant1	5775	68.96	5743.64	5812.60	0.5	PASS
	Ant2	5775	72.64	5739.96	5812.60	0.5	PASS
	Ant3	5775	68.96	5737.40	5806.36	0.5	PASS
	Ant4	5775	75.20	5737.40	5812.60	0.5	PASS



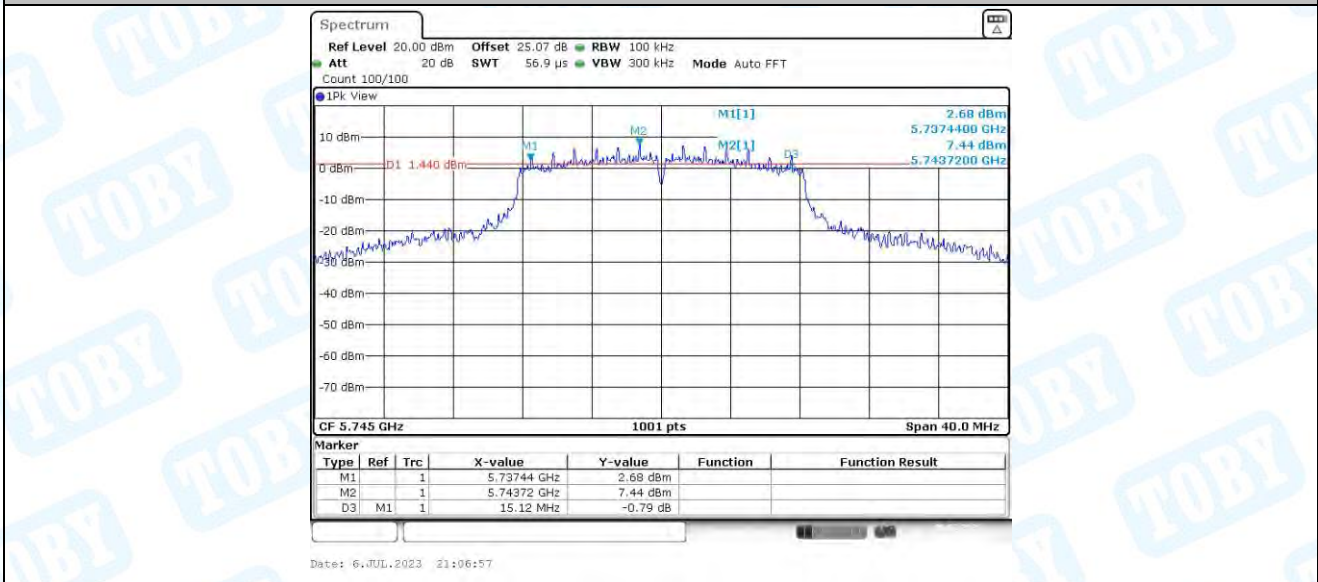
## 2.2. Test Graphs



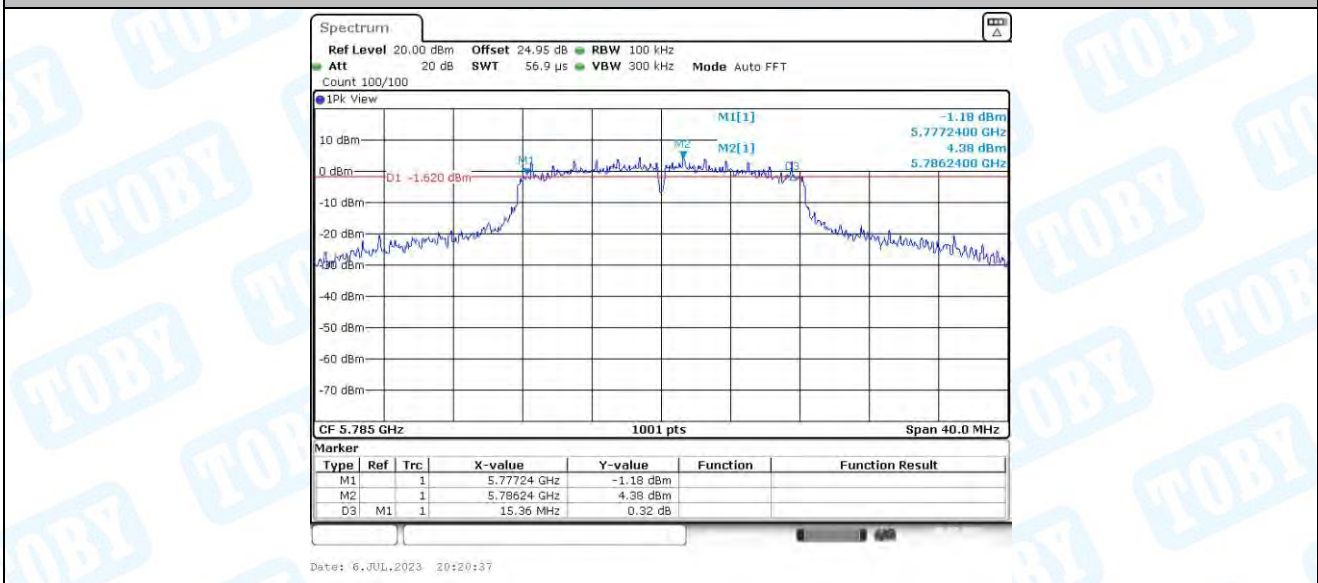




11A\_Ant4\_5745

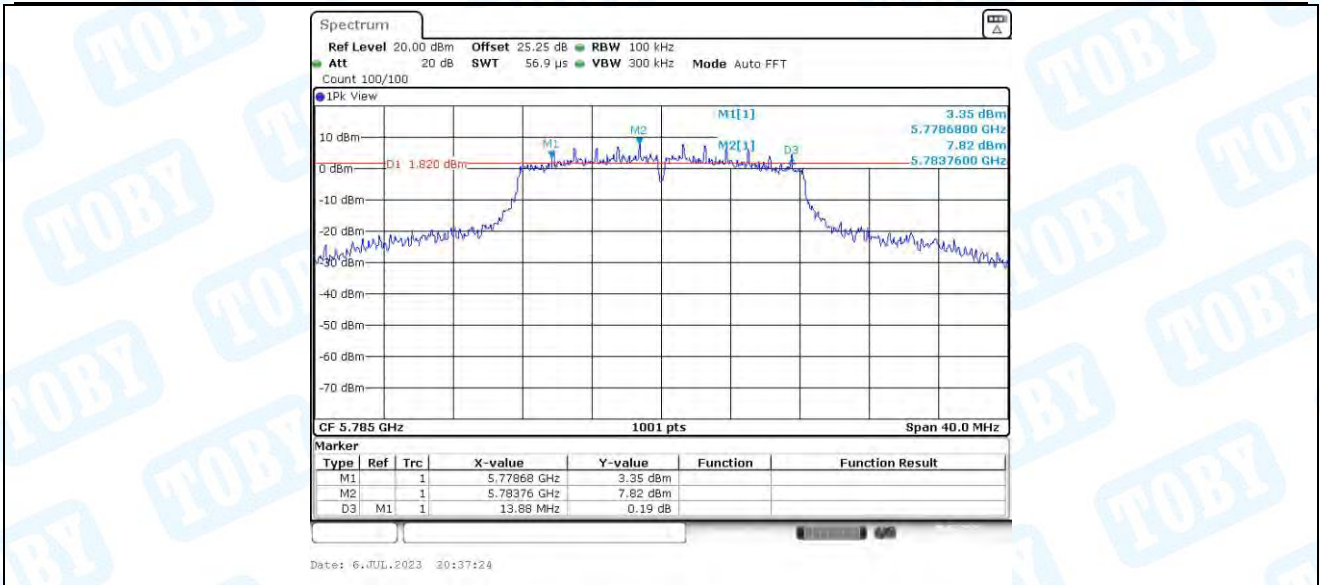


11A\_Ant1\_5785

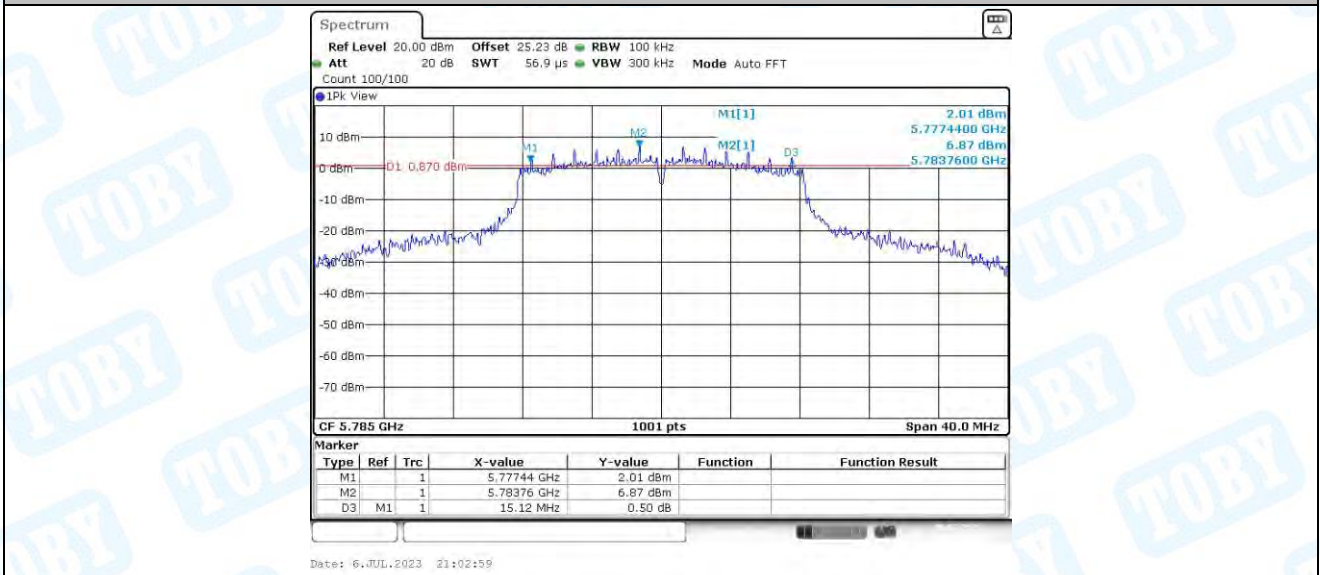


11A\_Ant2\_5785

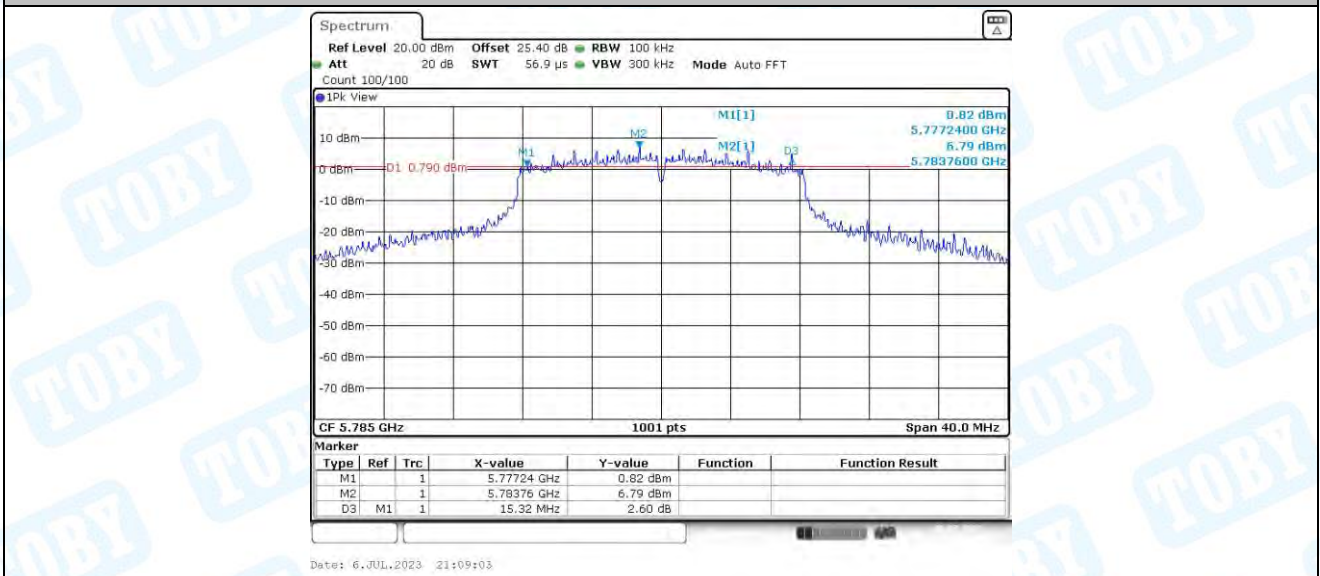




11A\_Ant3\_5785

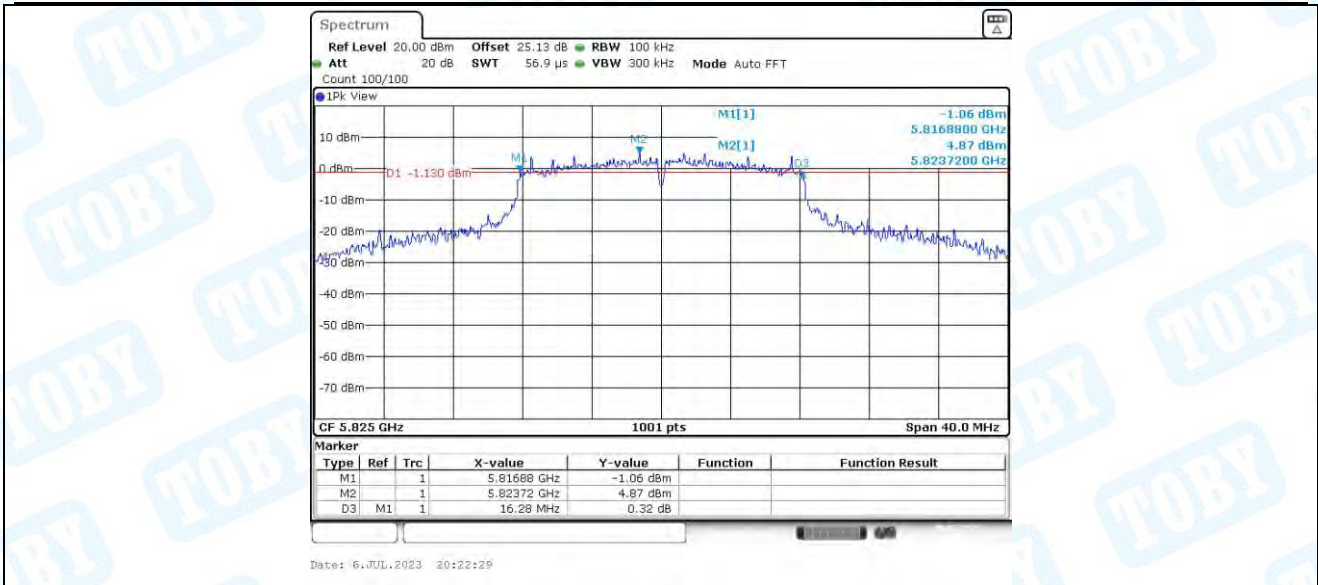


11A\_Ant4\_5785

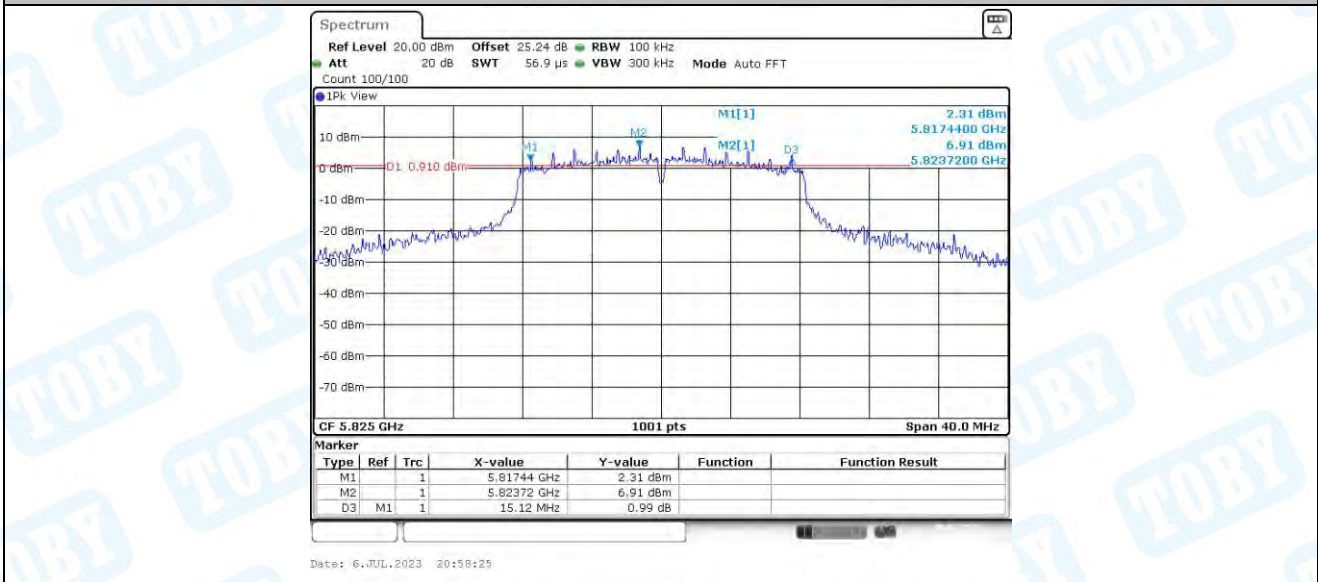


11A\_Ant1\_5825

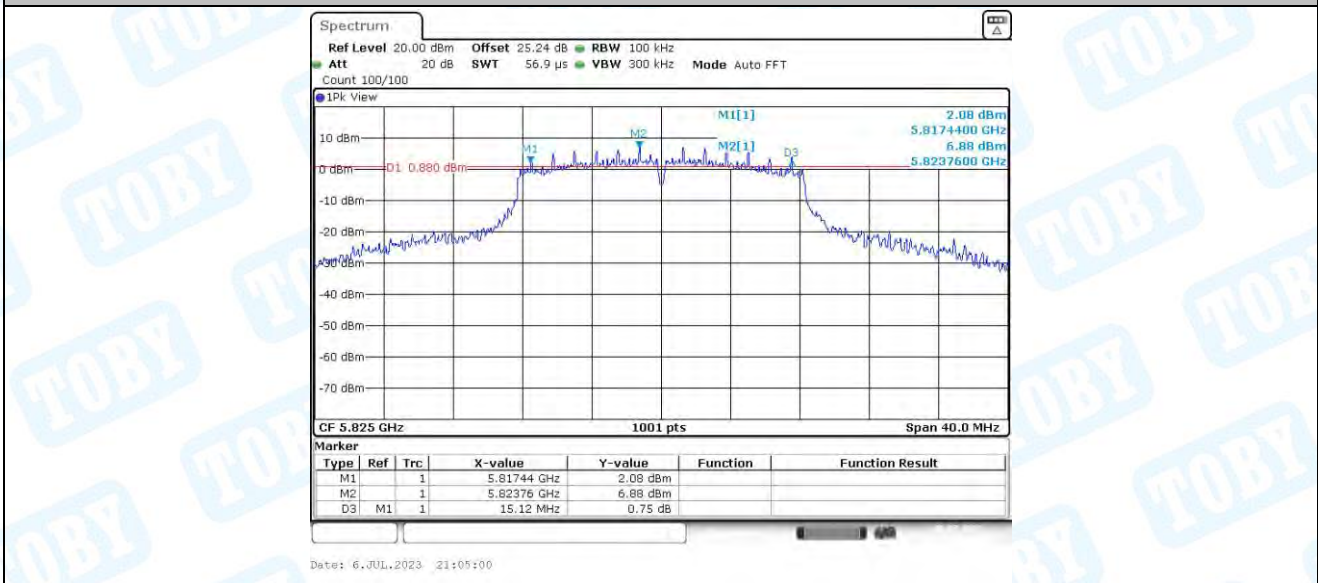




11A\_Ant2\_5825

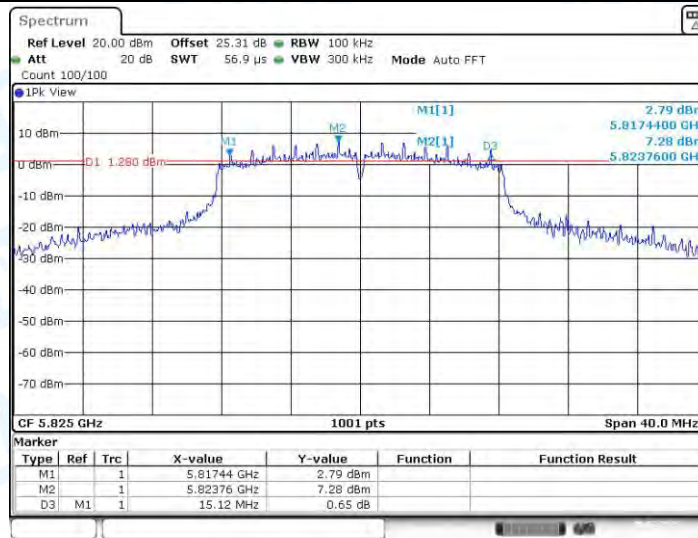


11A\_Ant3\_5825



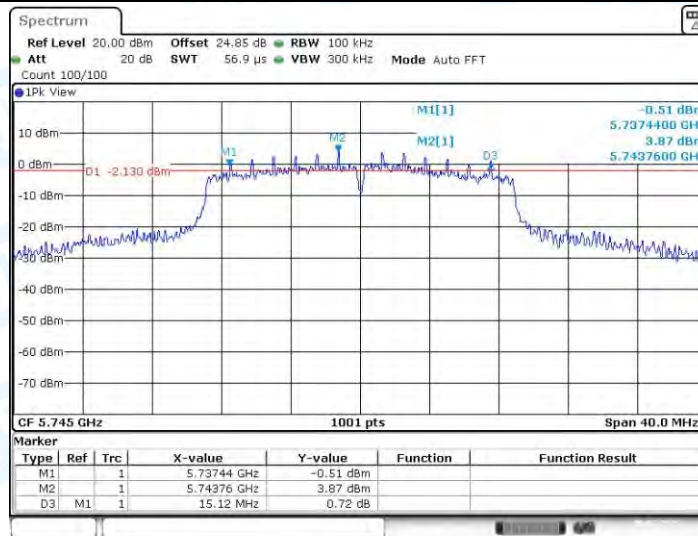
11A\_Ant4\_5825





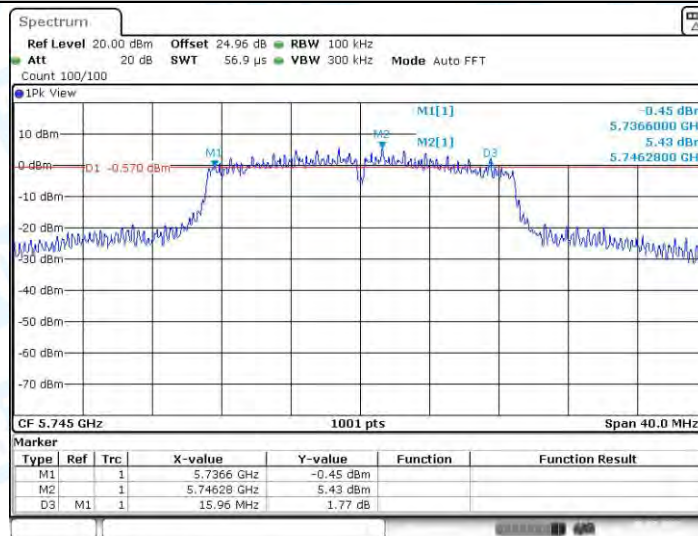
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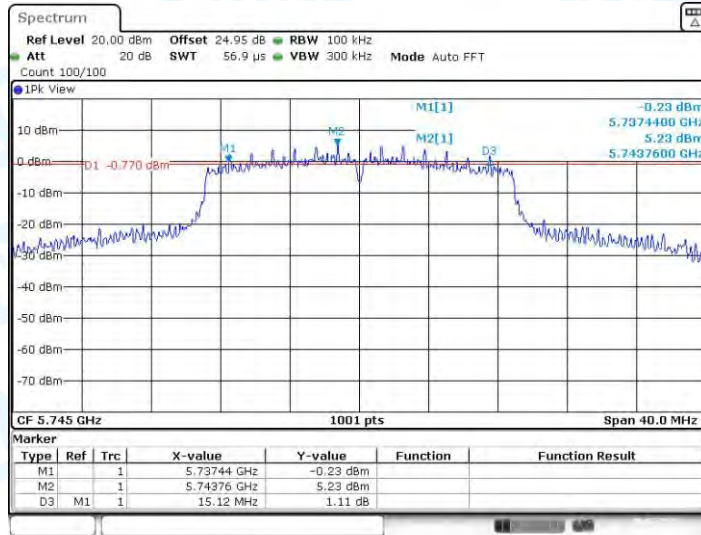
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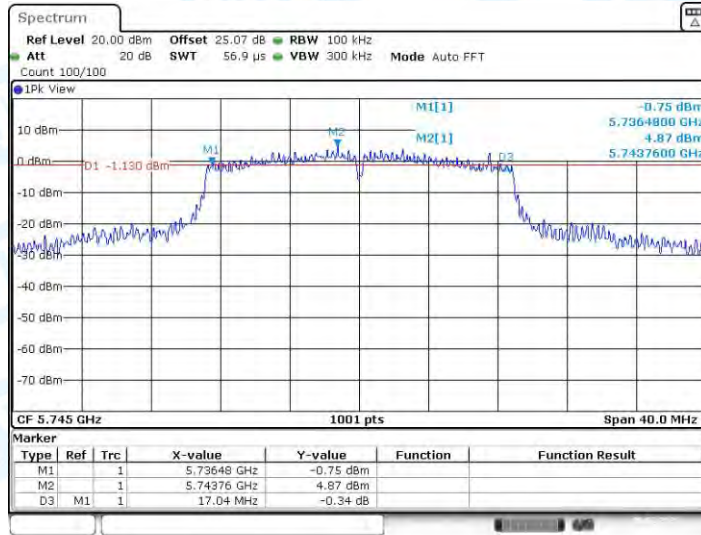
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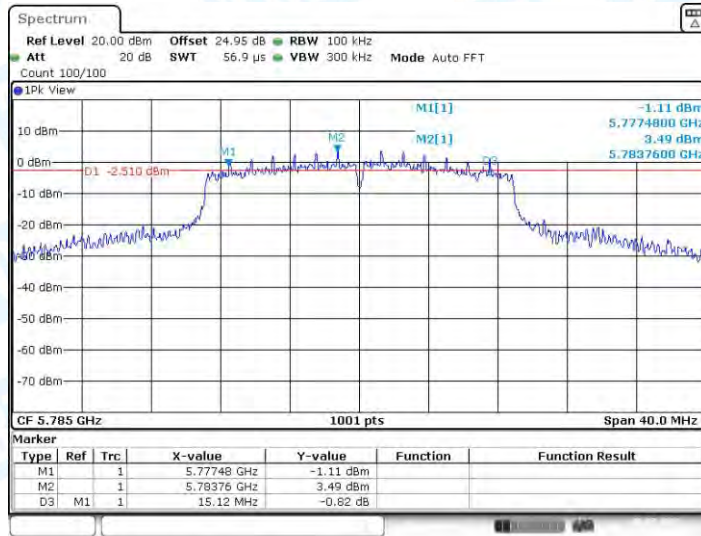
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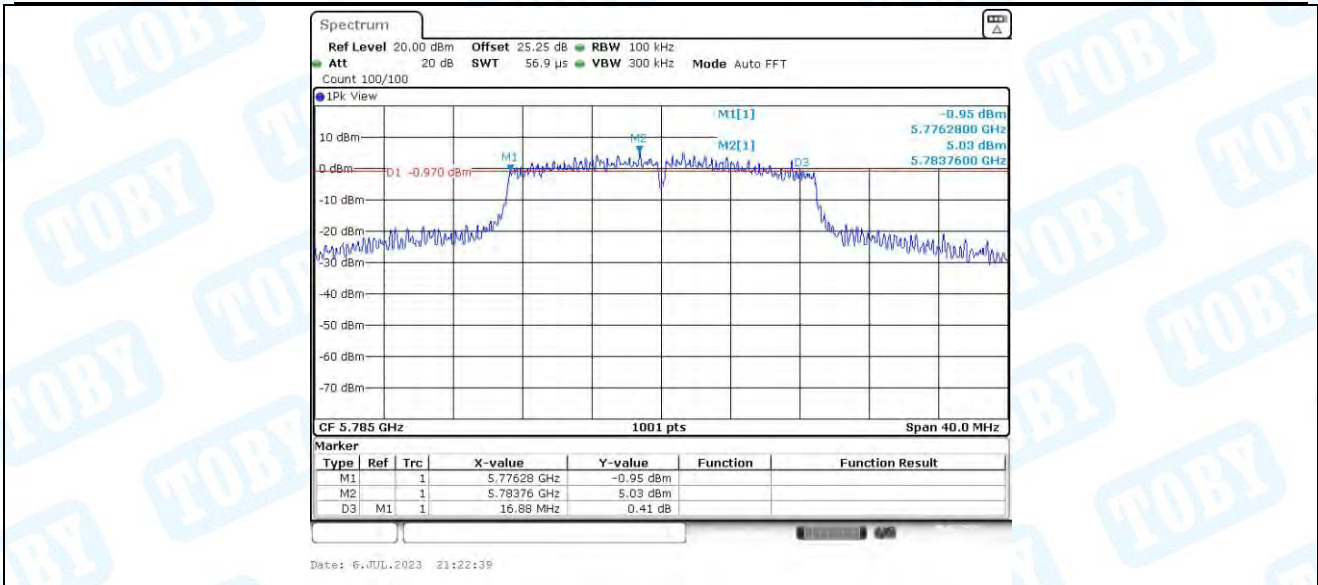
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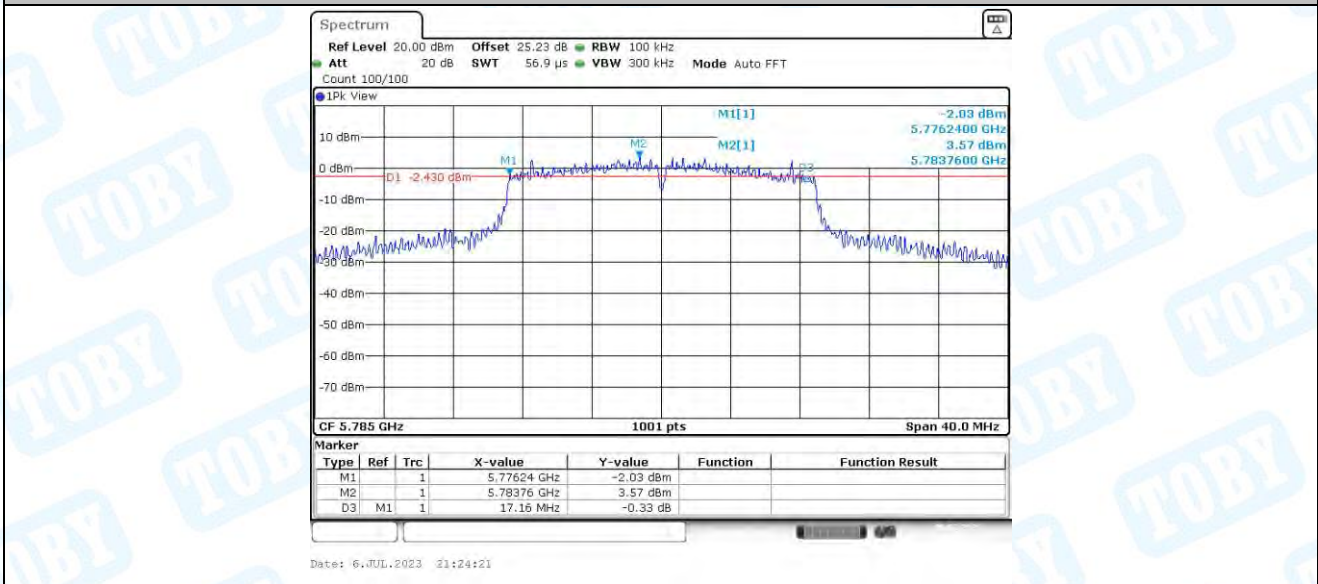
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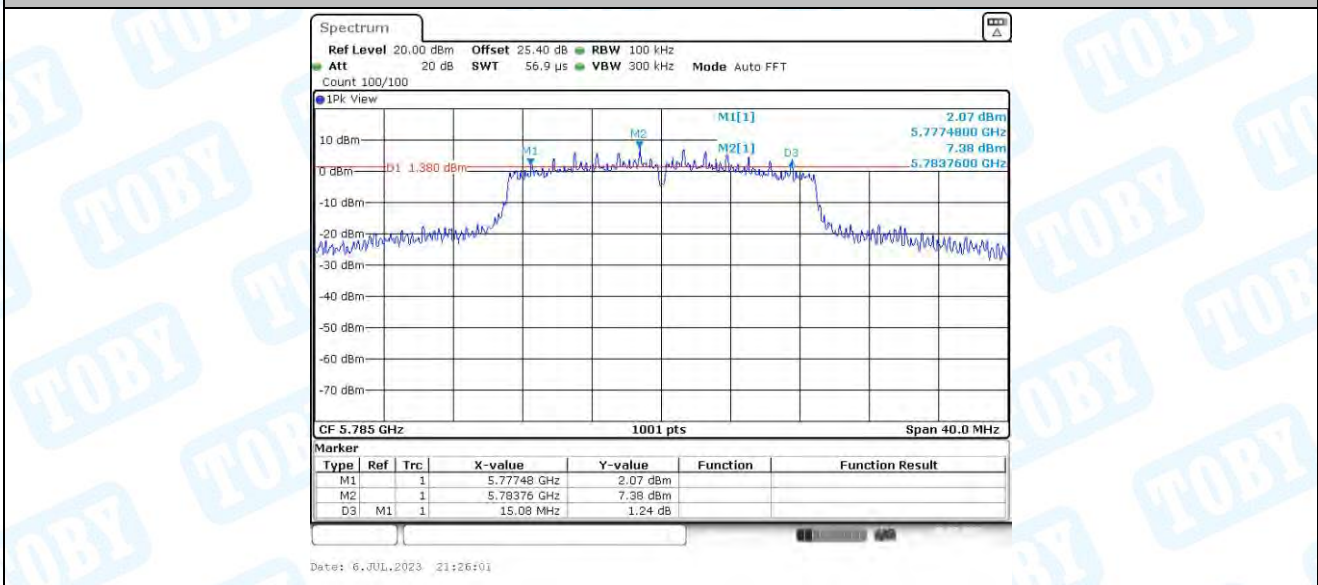




11N20-CDD\_Ant3\_5785

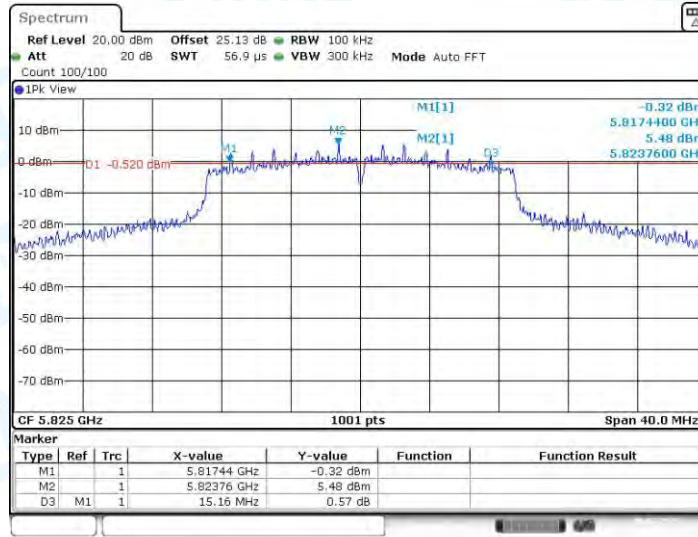


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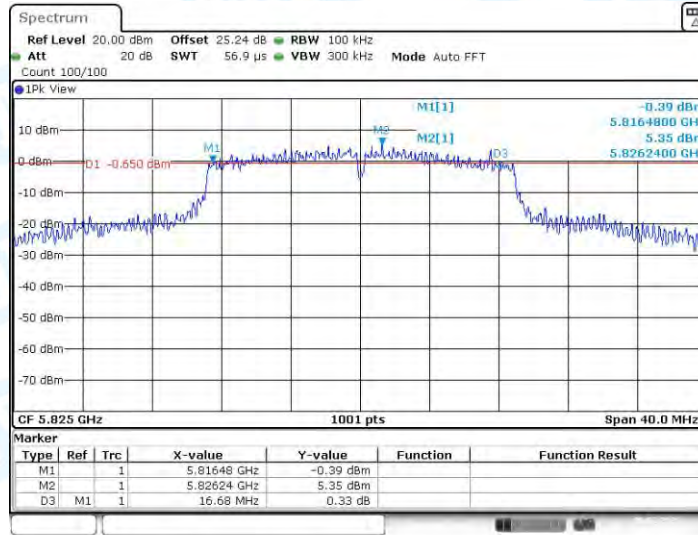
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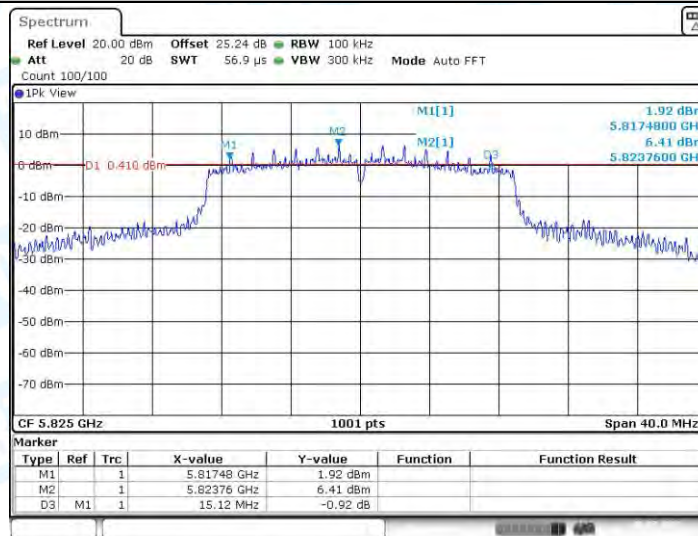
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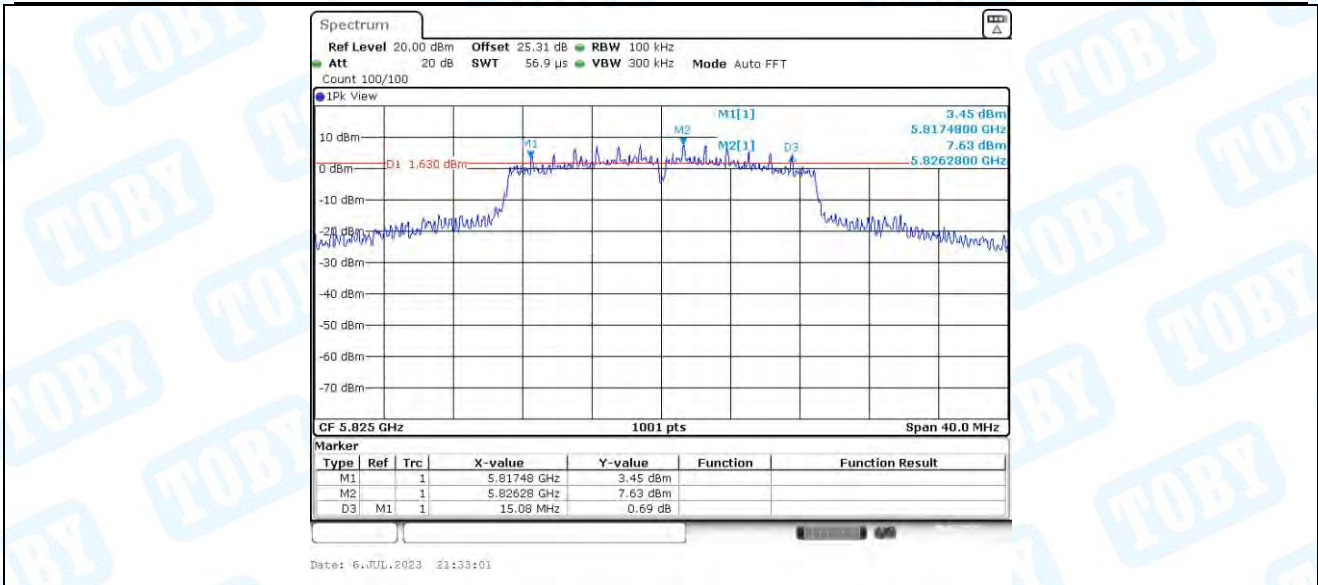
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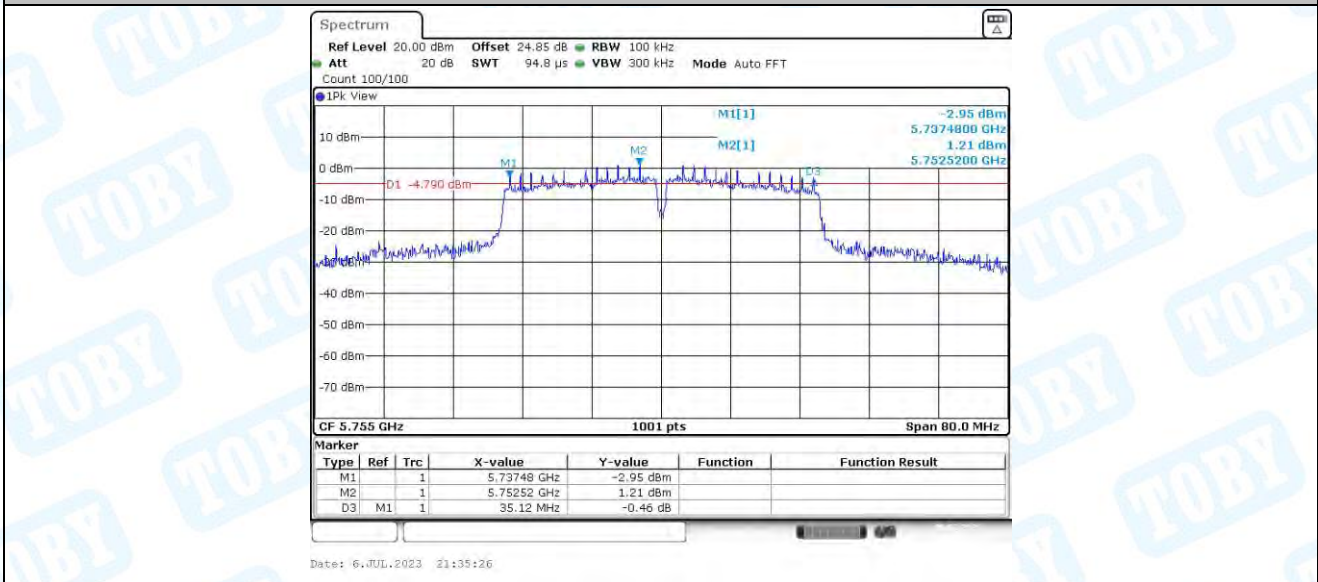
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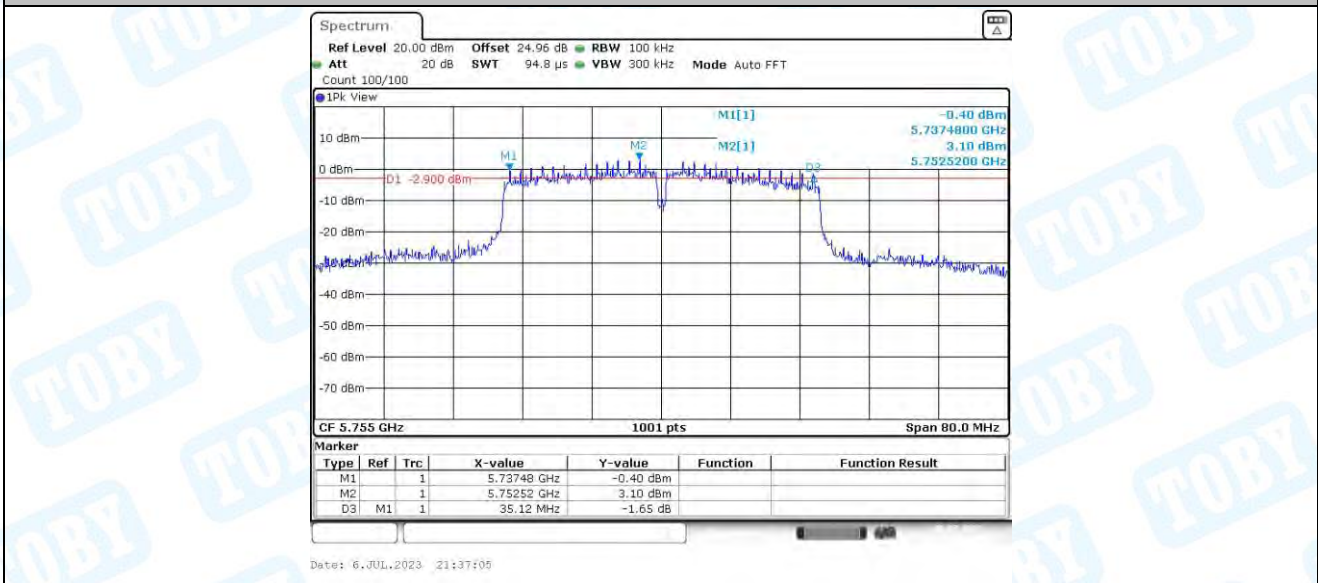




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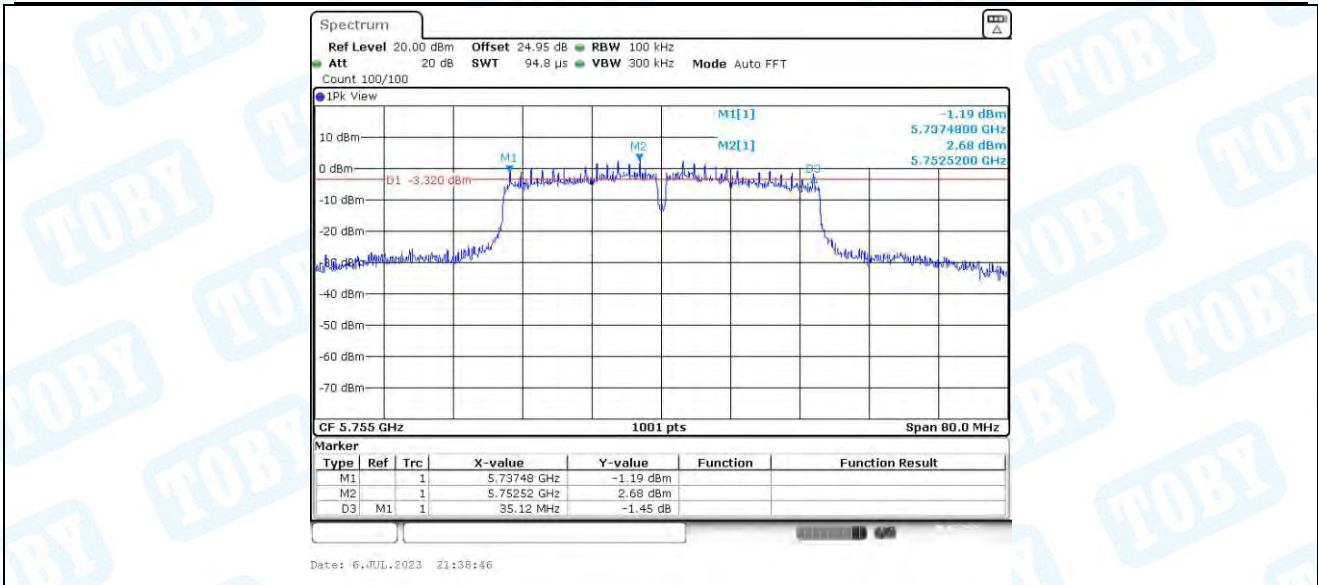


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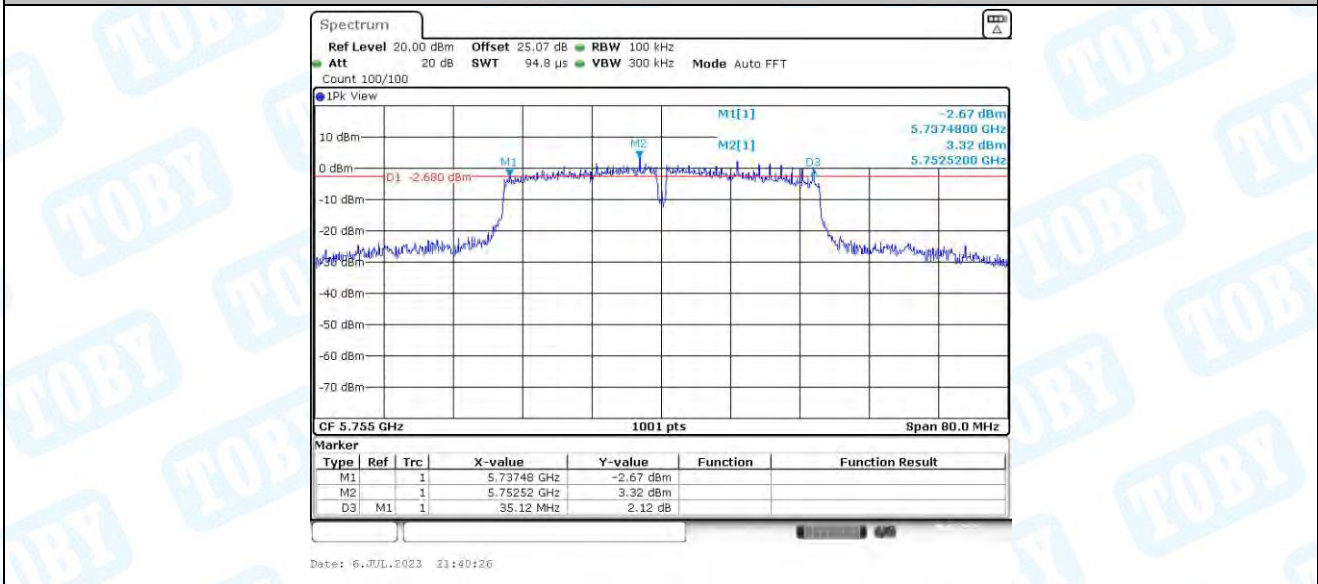


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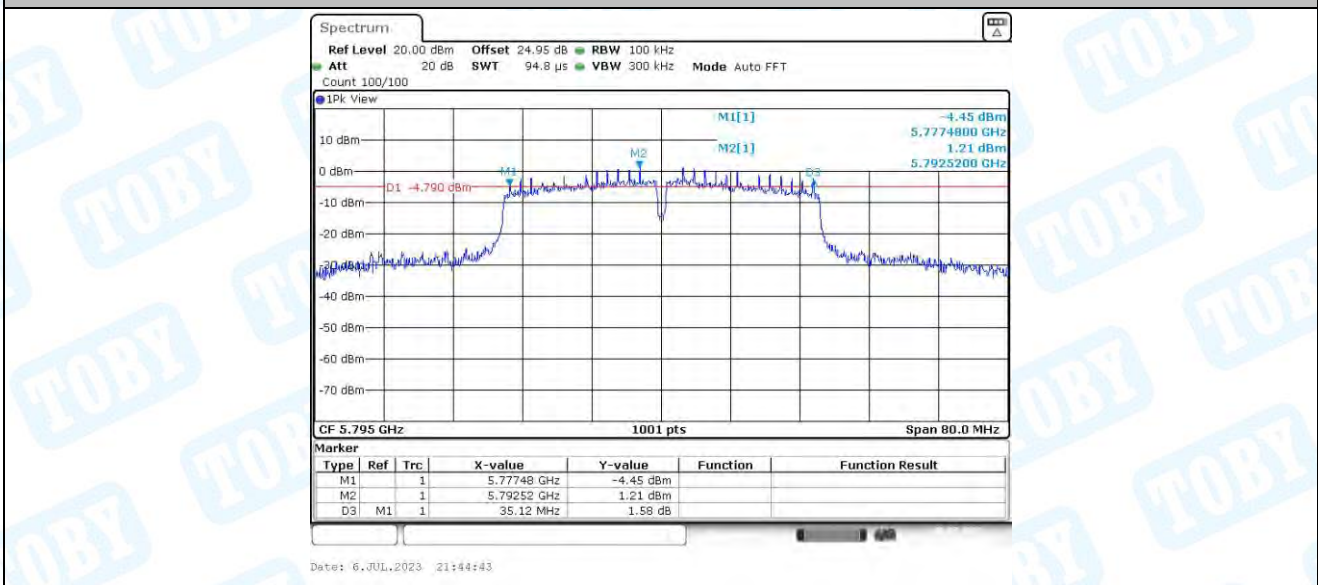




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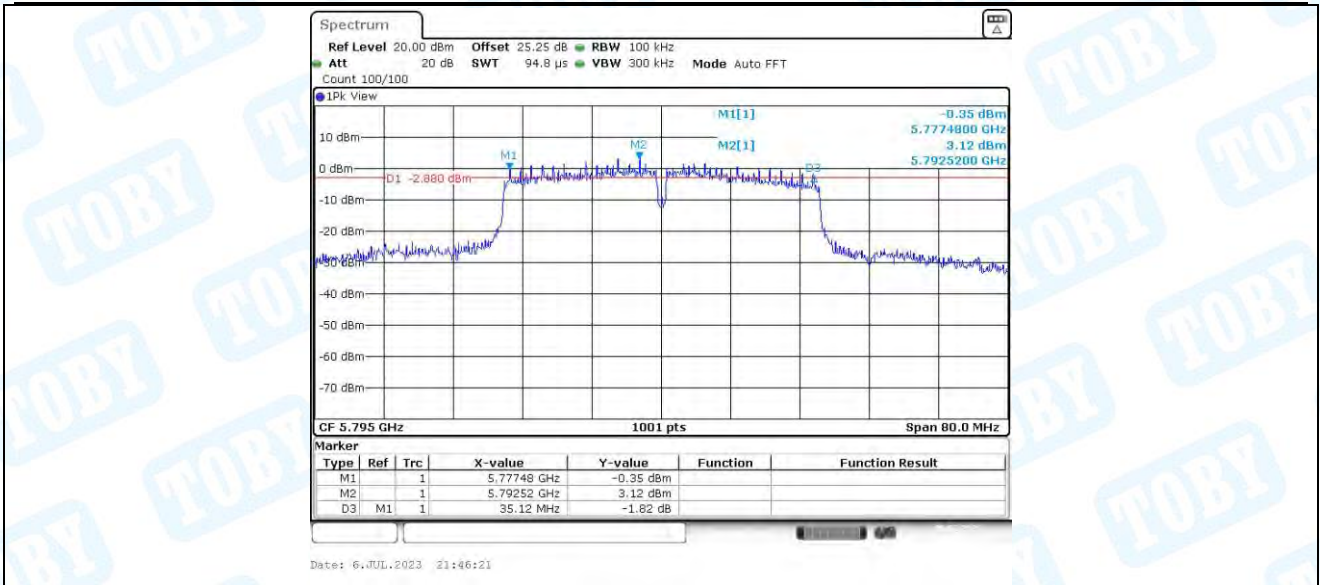


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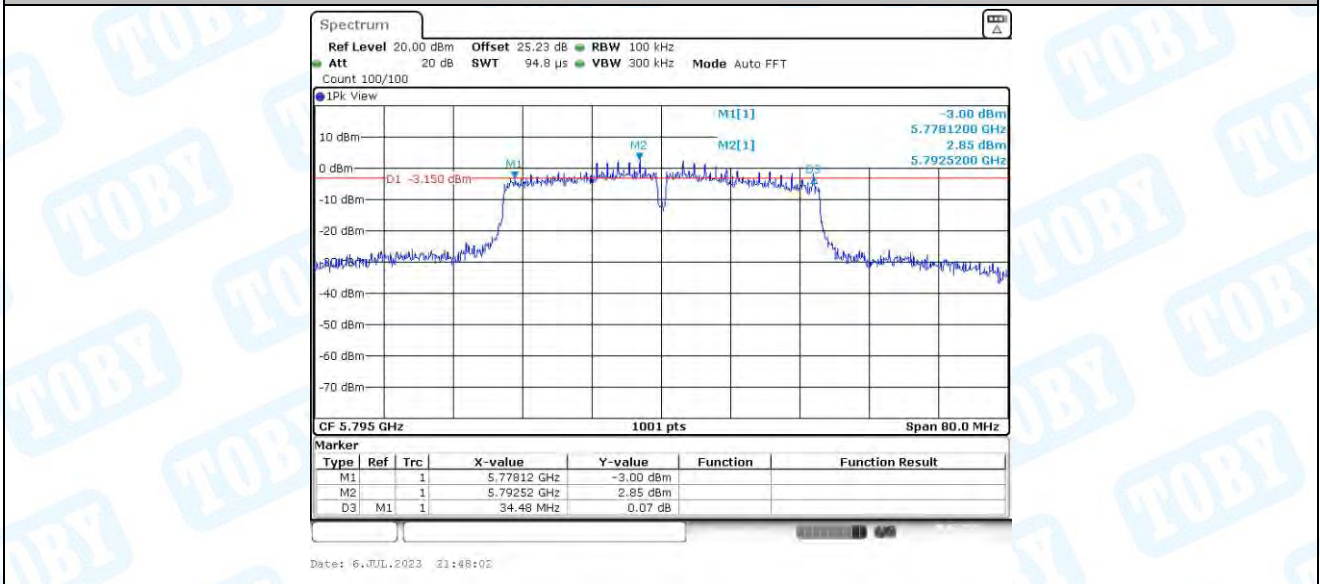


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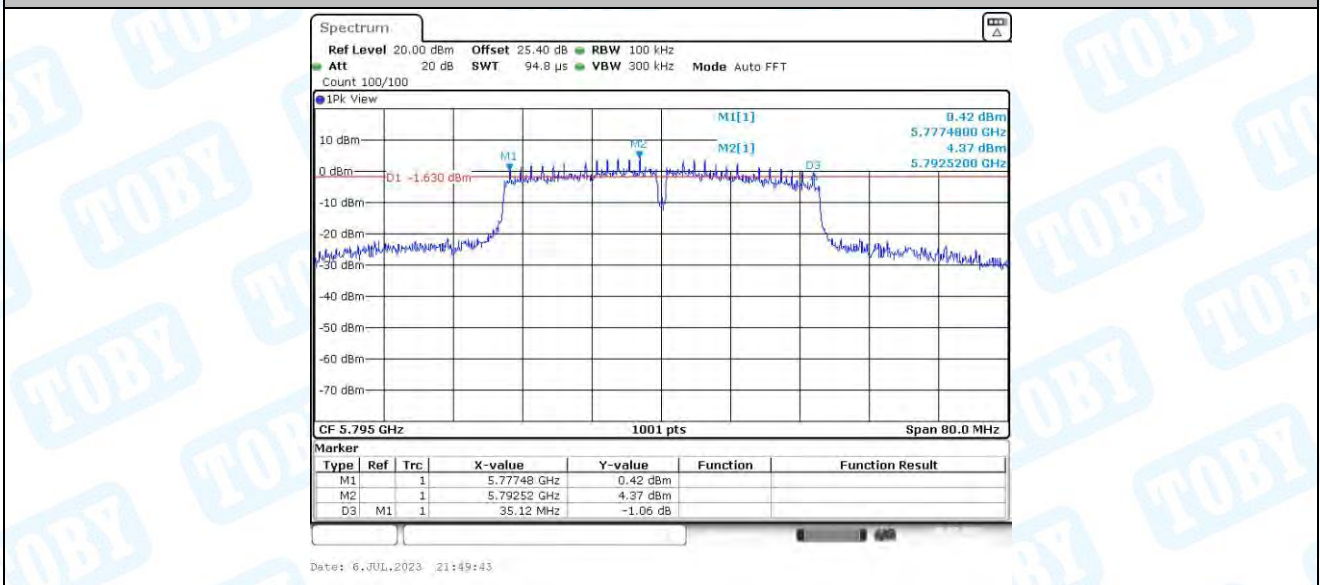




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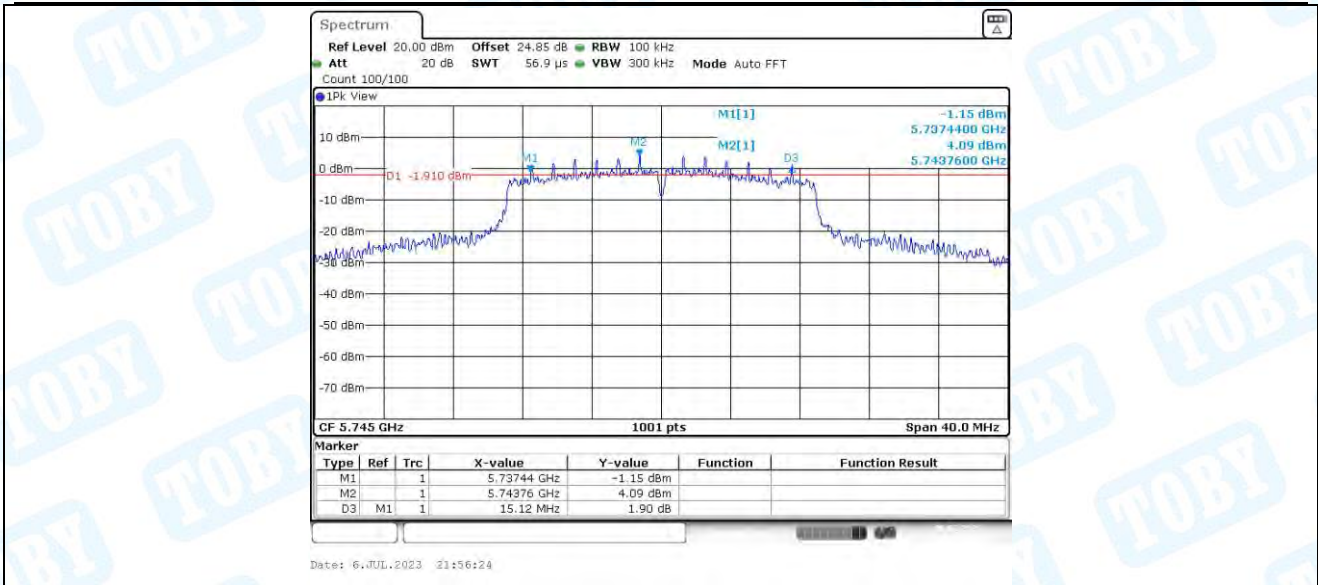


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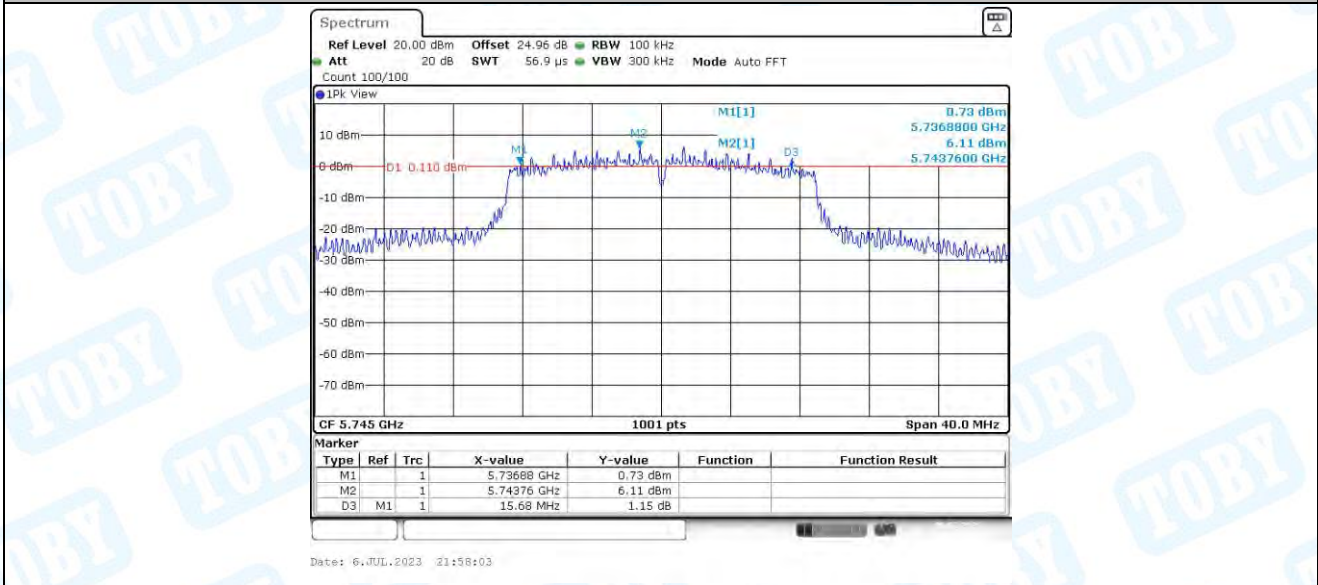


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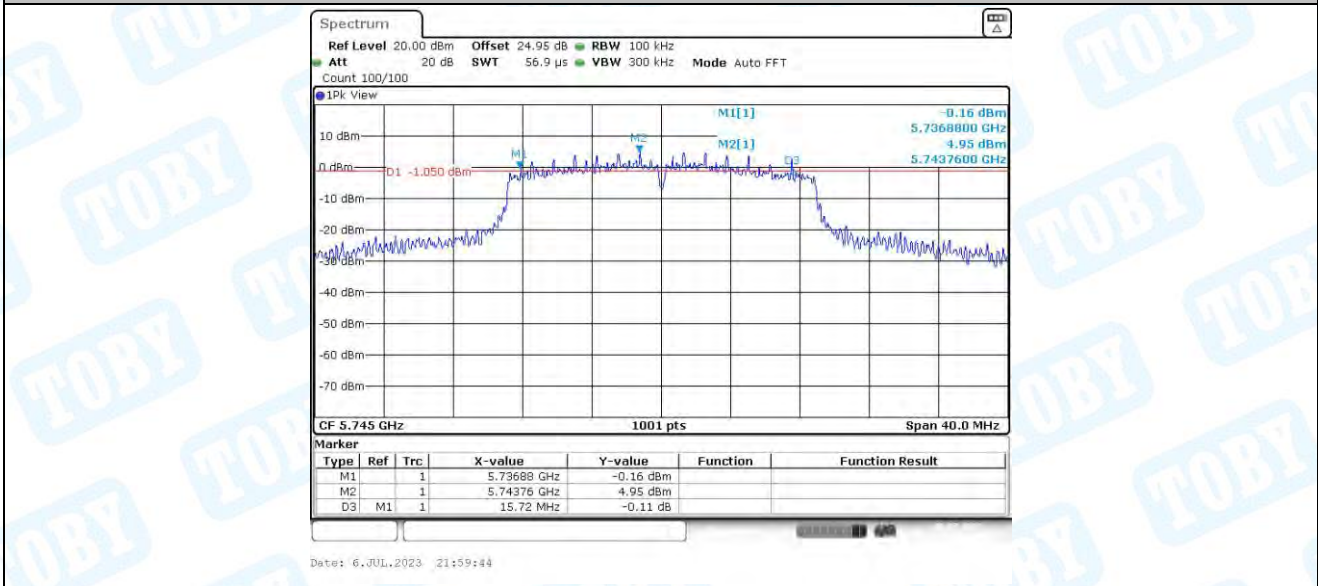




11AC20-CDD\_Ant2\_5745

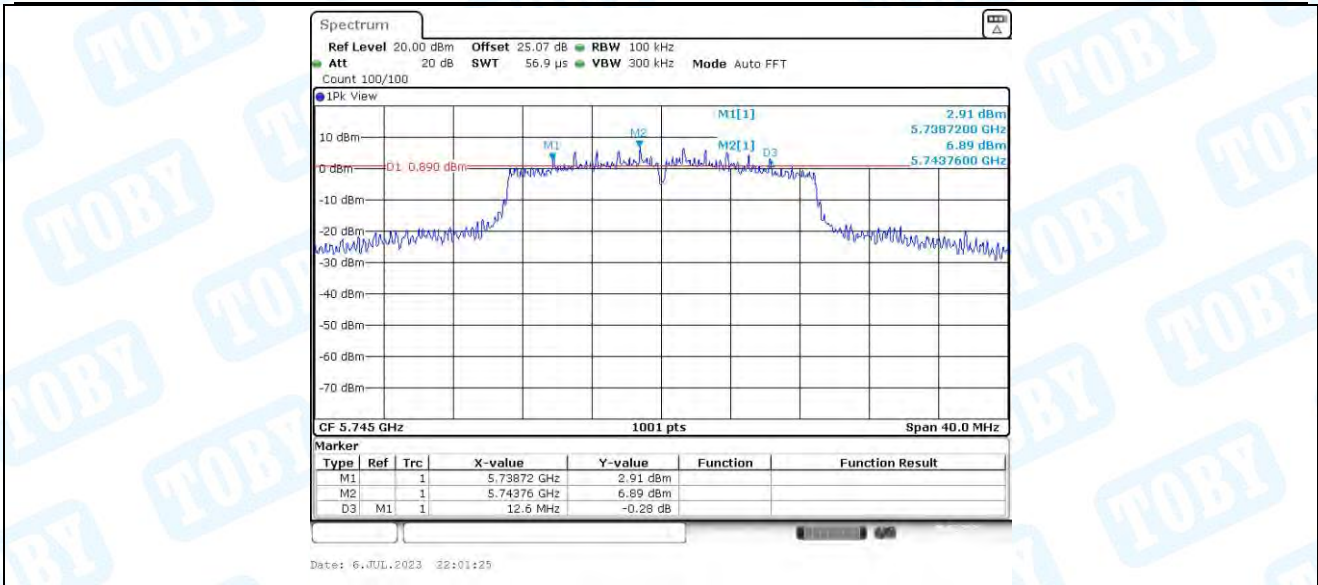


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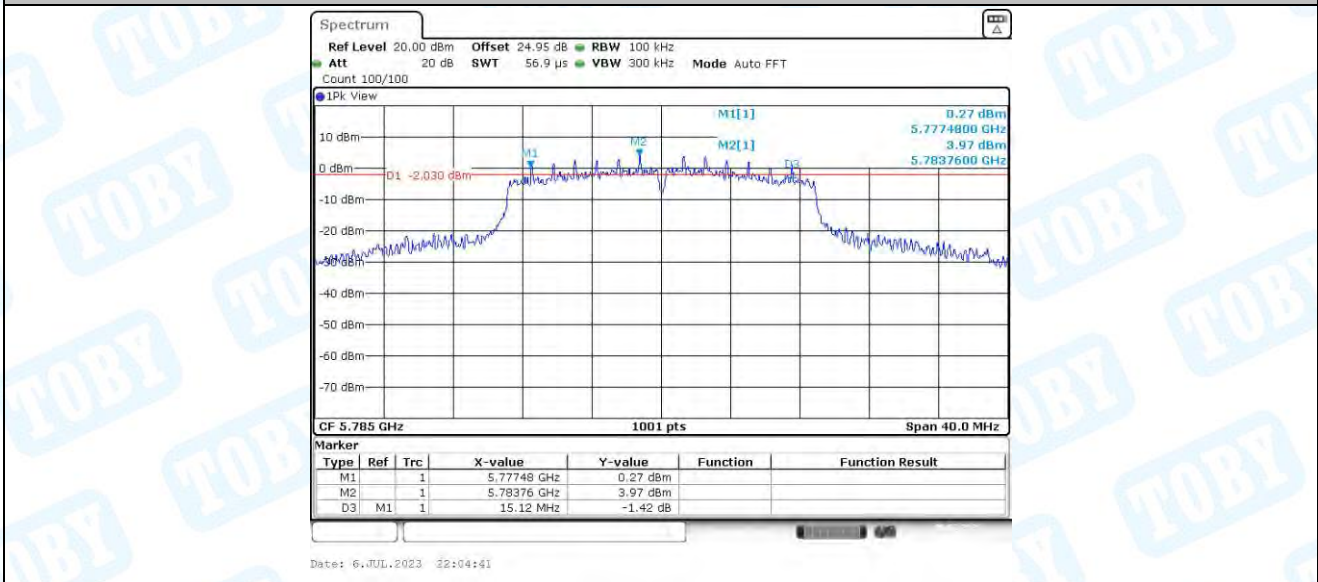


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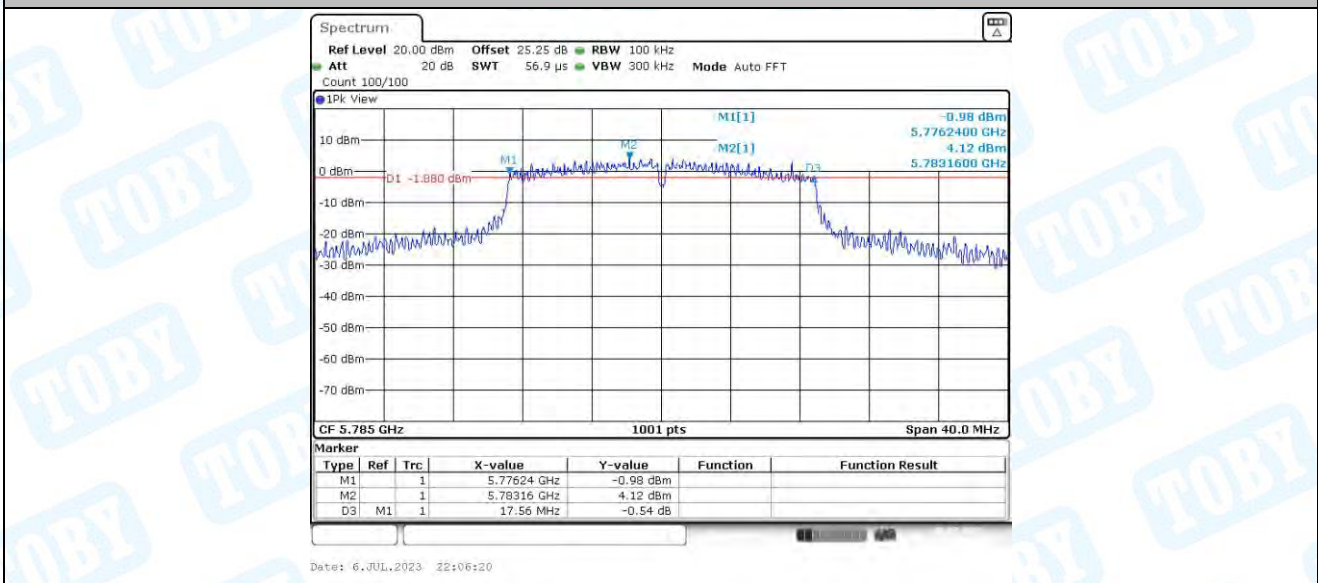




11AC20-CDD\_Ant1\_5785

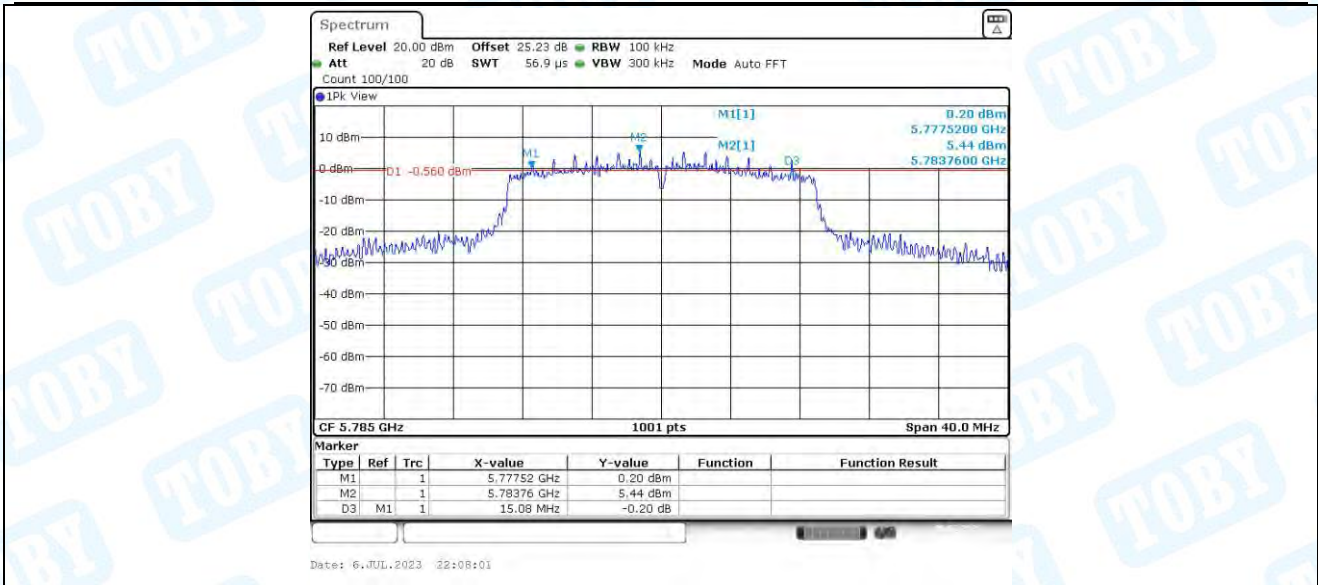


11AC20-CDD\_Ant2\_5785

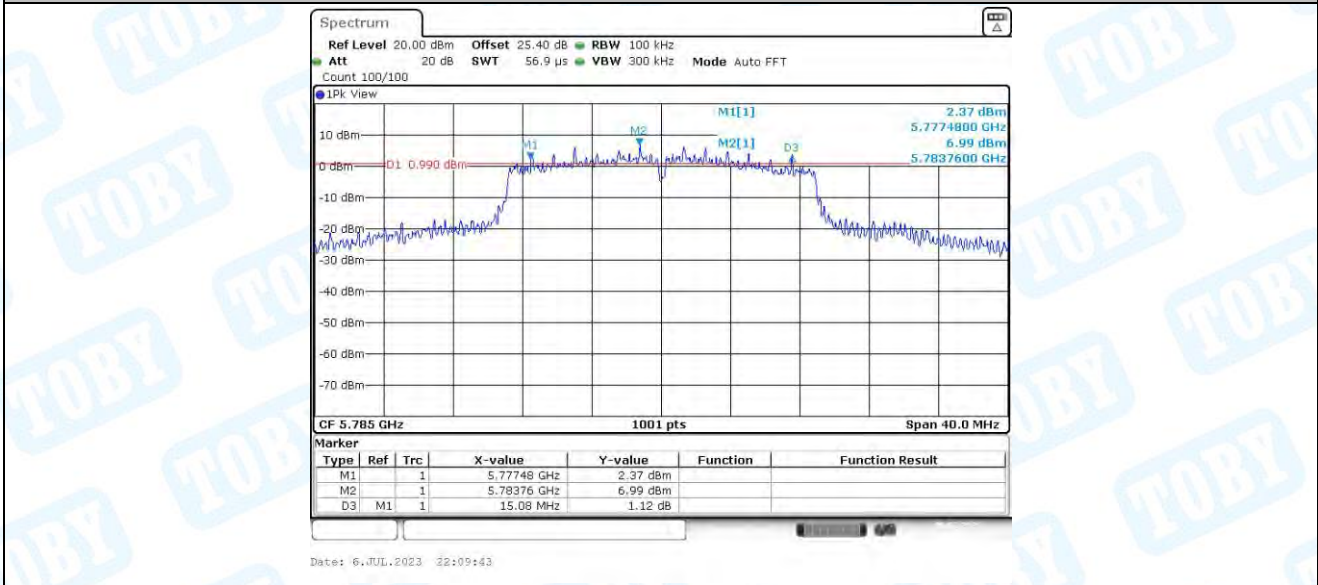


11AC20-CDD\_Ant3\_5785

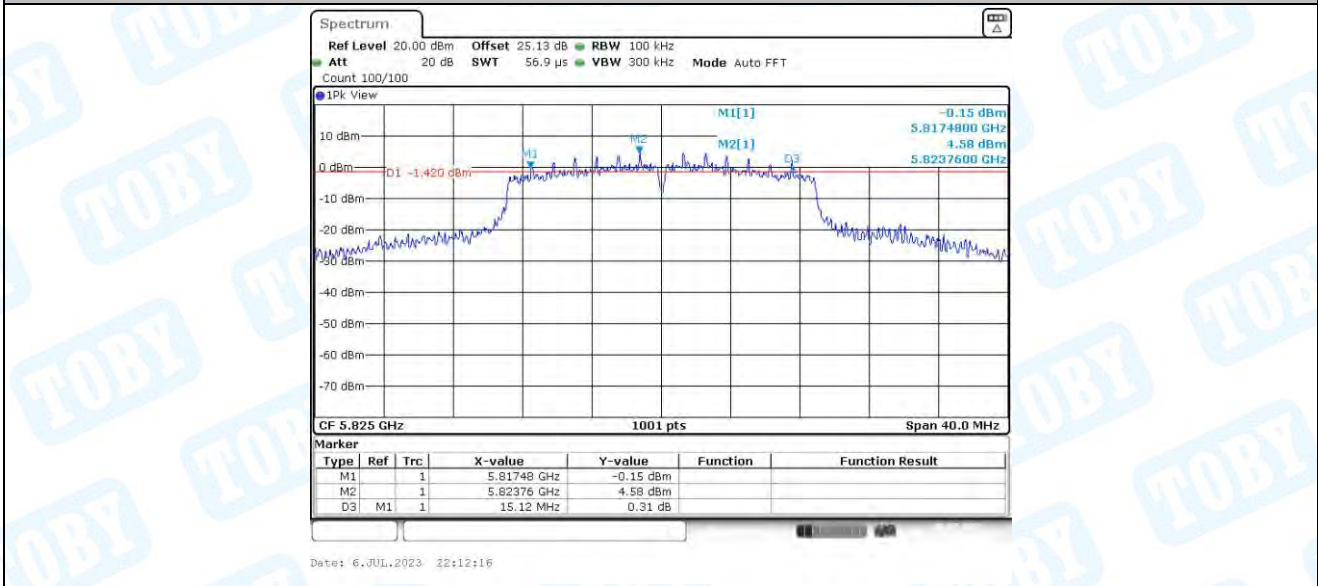




11AC20-CDD\_Ant4\_5785

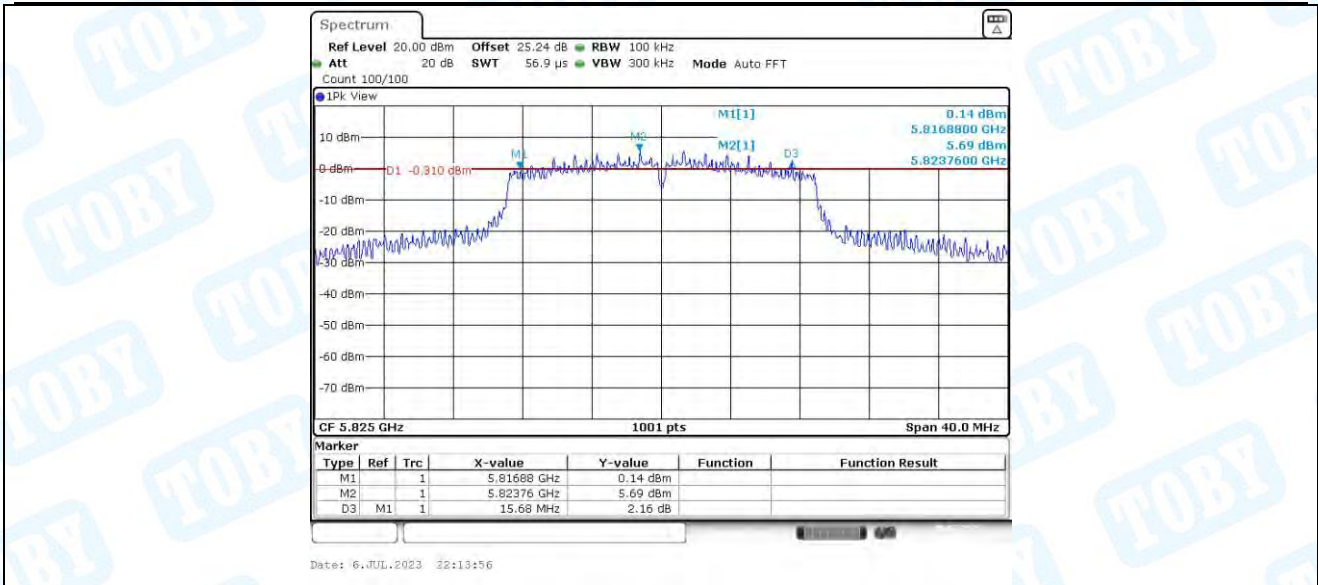


11AC20-CDD\_Ant1\_5825

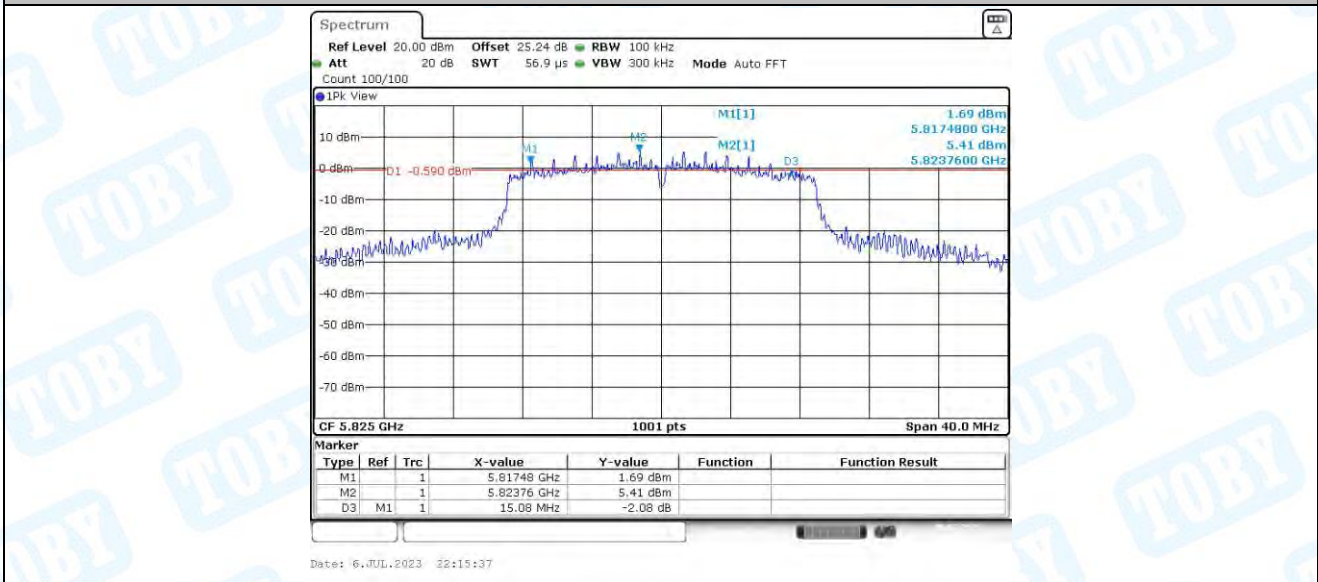


11AC20-CDD\_Ant2\_5825

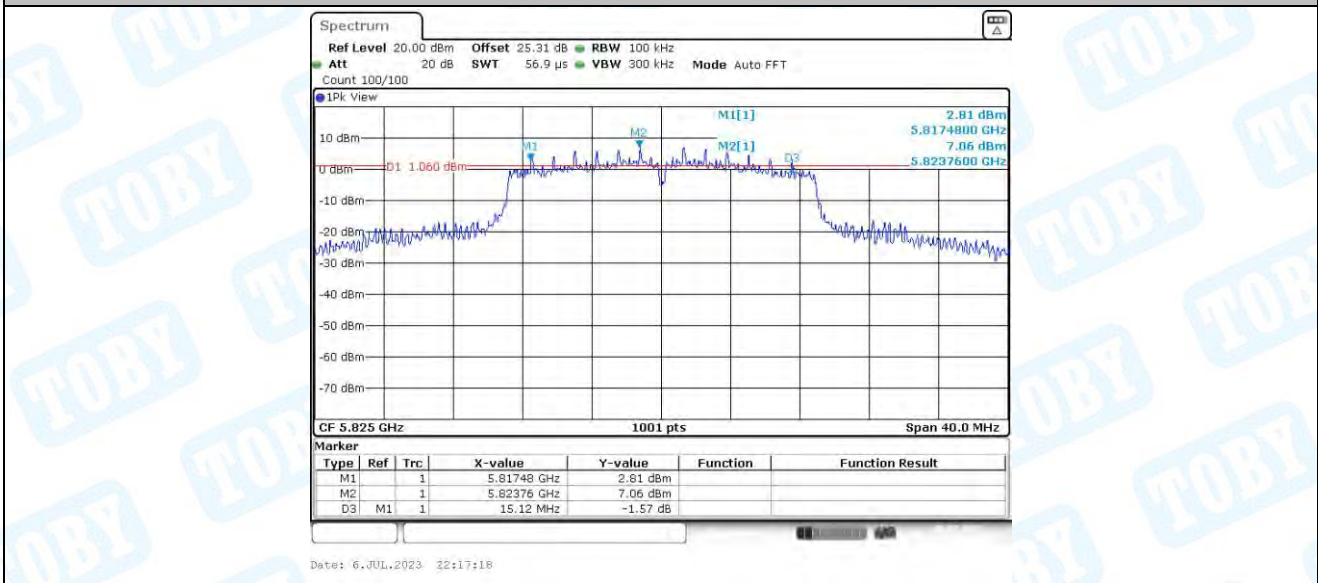




11AC20-CDD\_Ant3\_5825

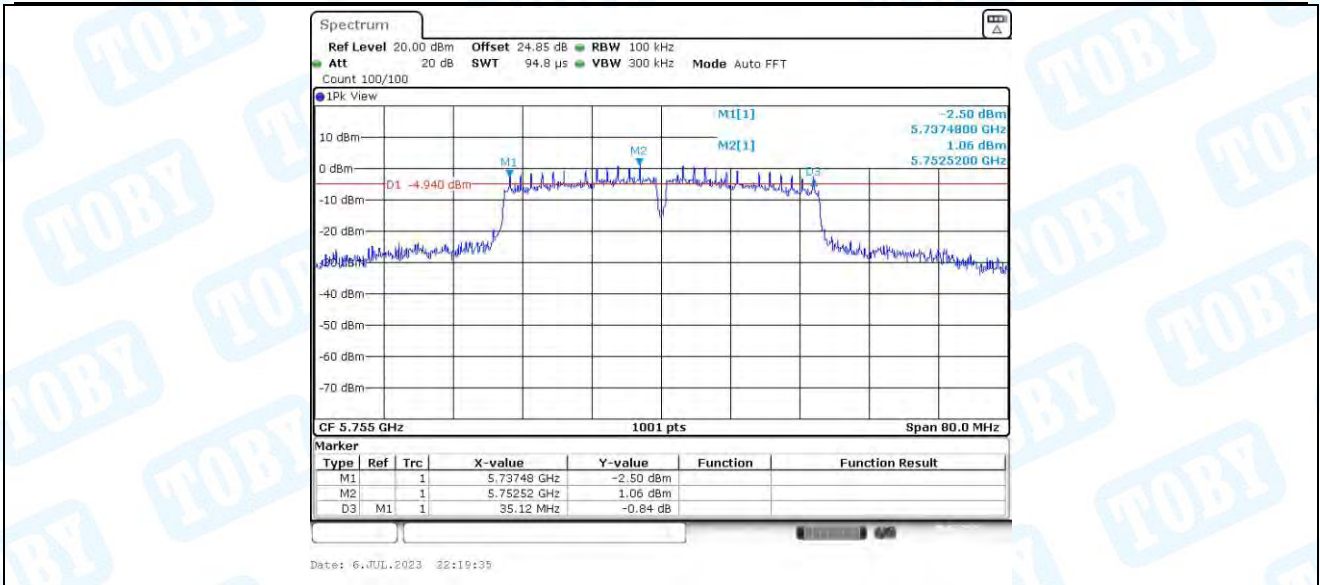


11AC20-CDD\_Ant4\_5825

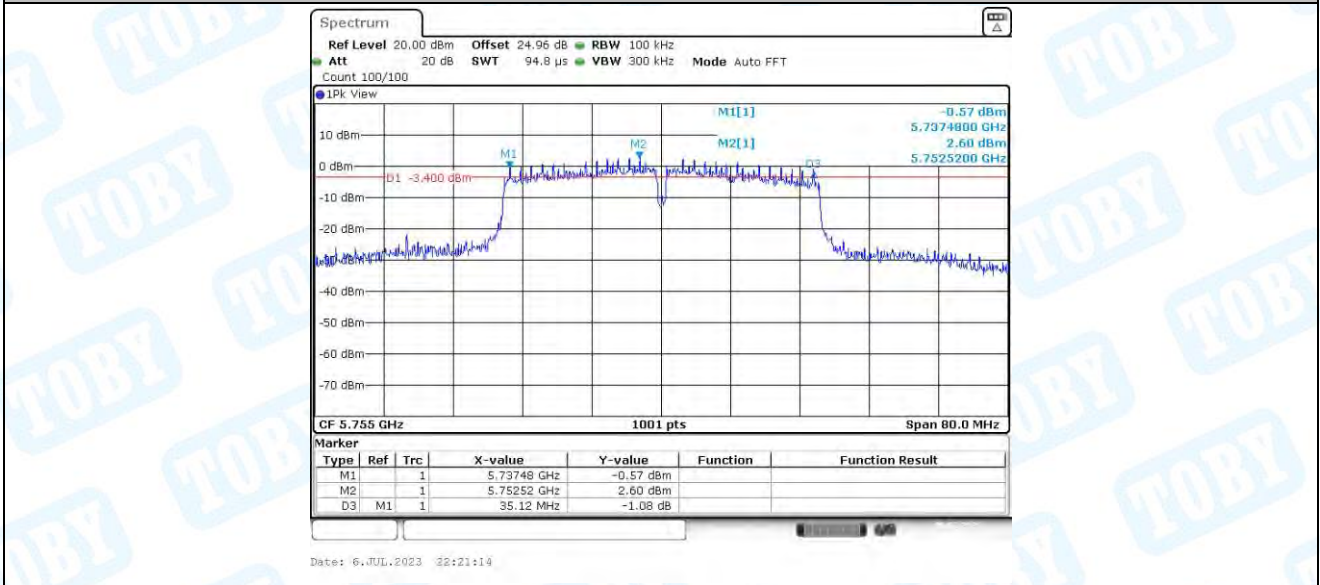


11AC40-CDD\_Ant1\_5755

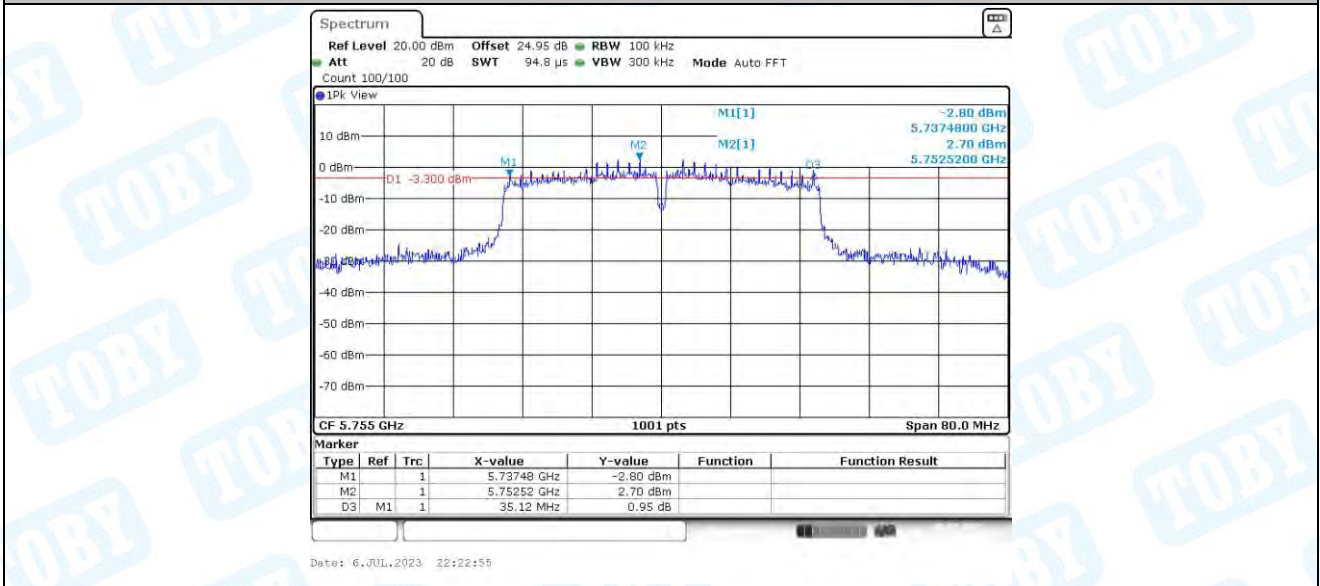




11AC40-CDD\_Ant2\_5755

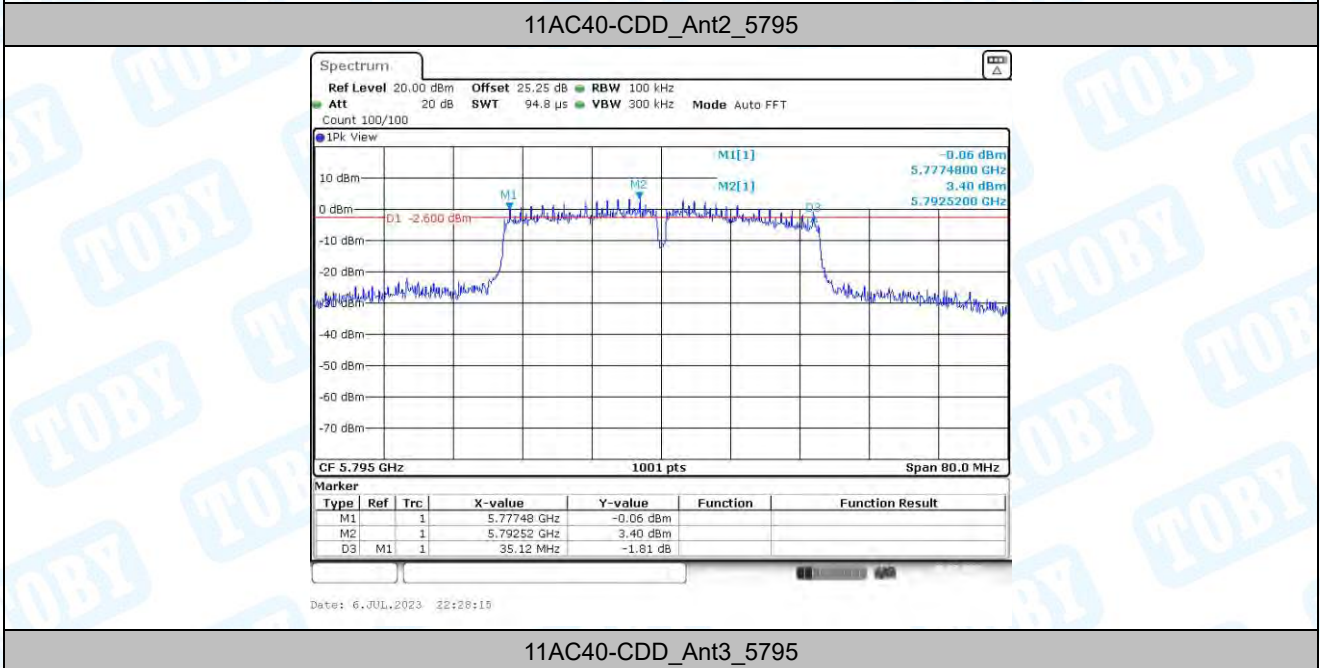
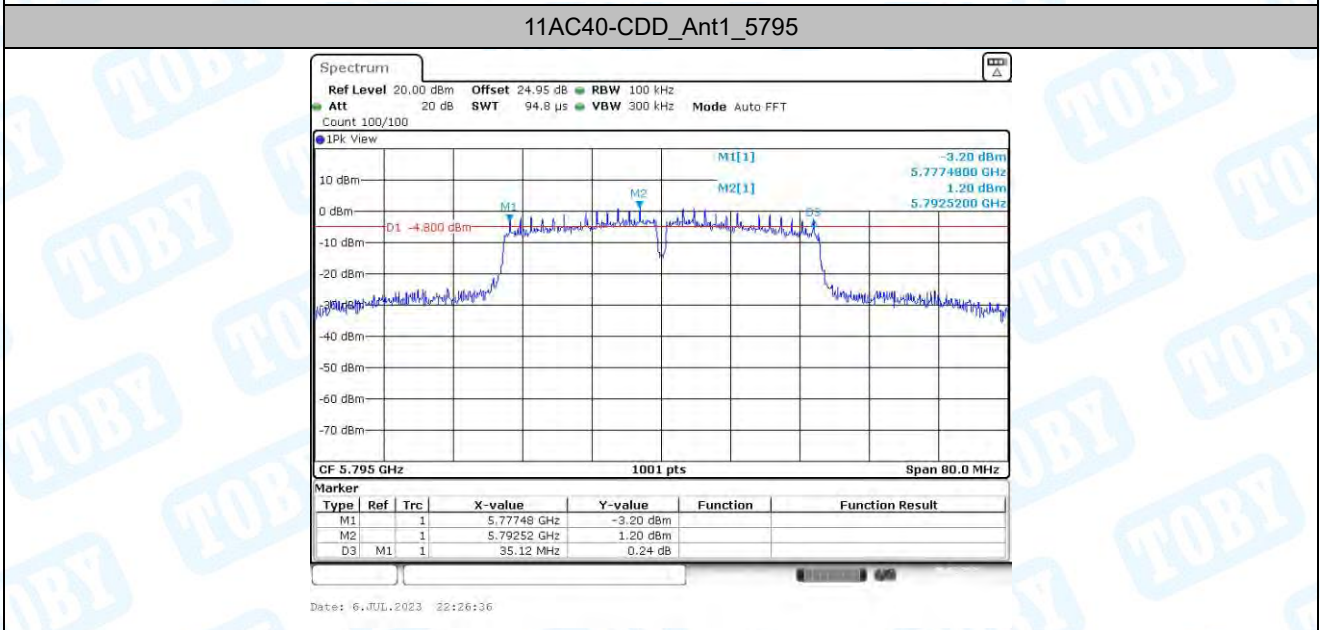
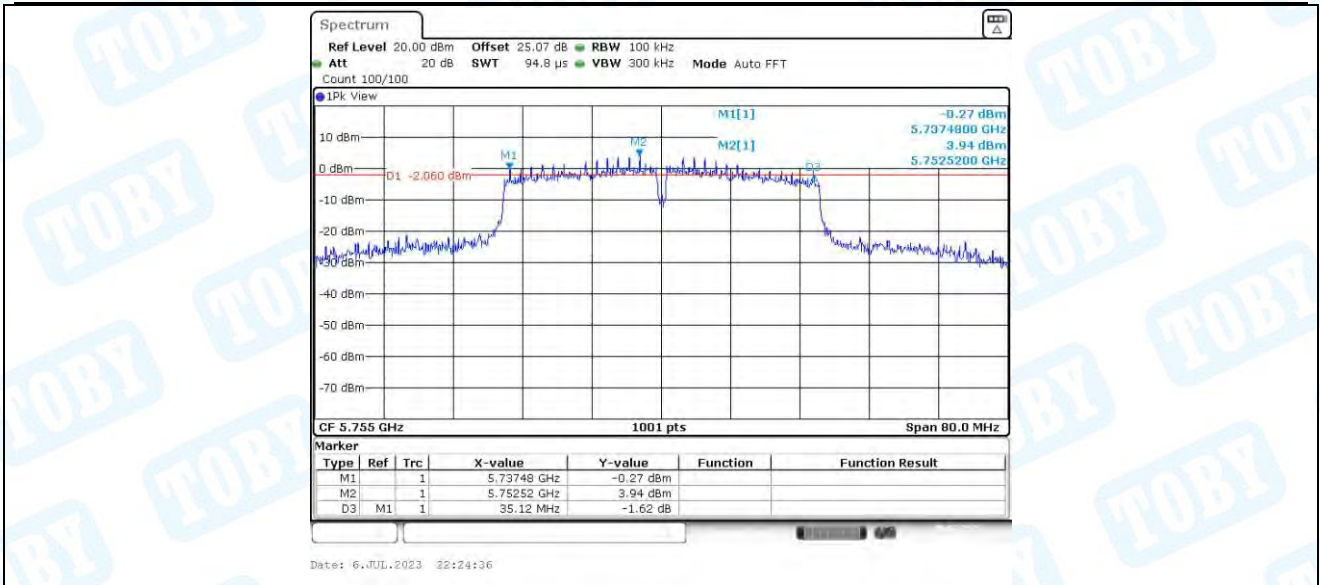


11AC40-CDD\_Ant3\_5755

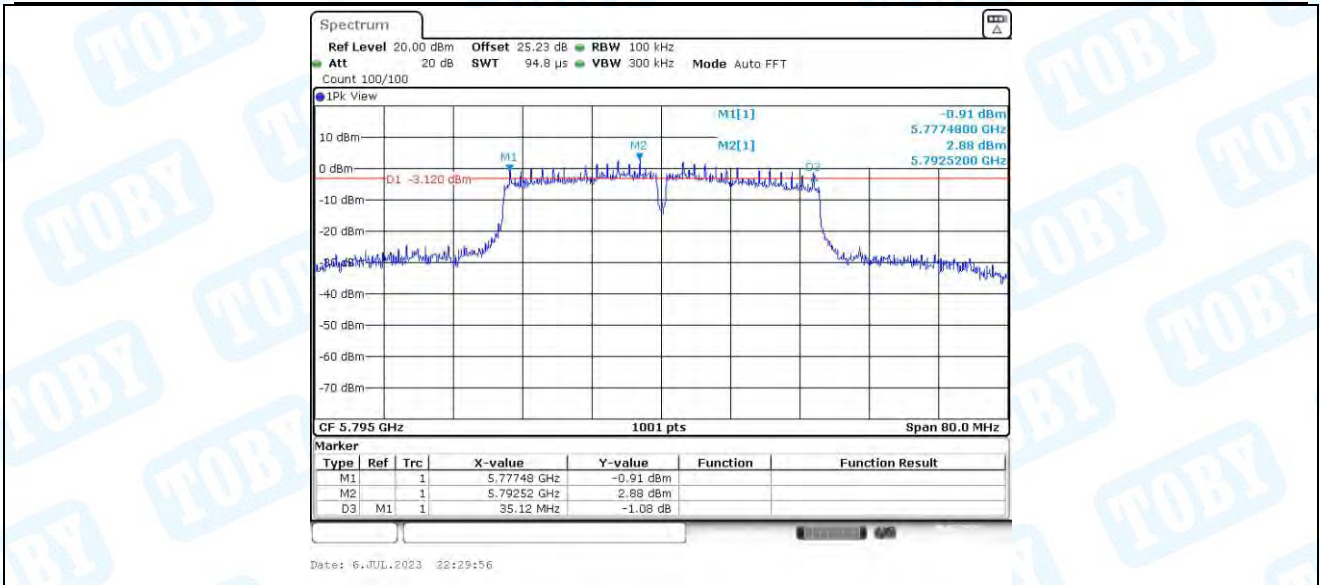


11AC40-CDD\_Ant4\_5755

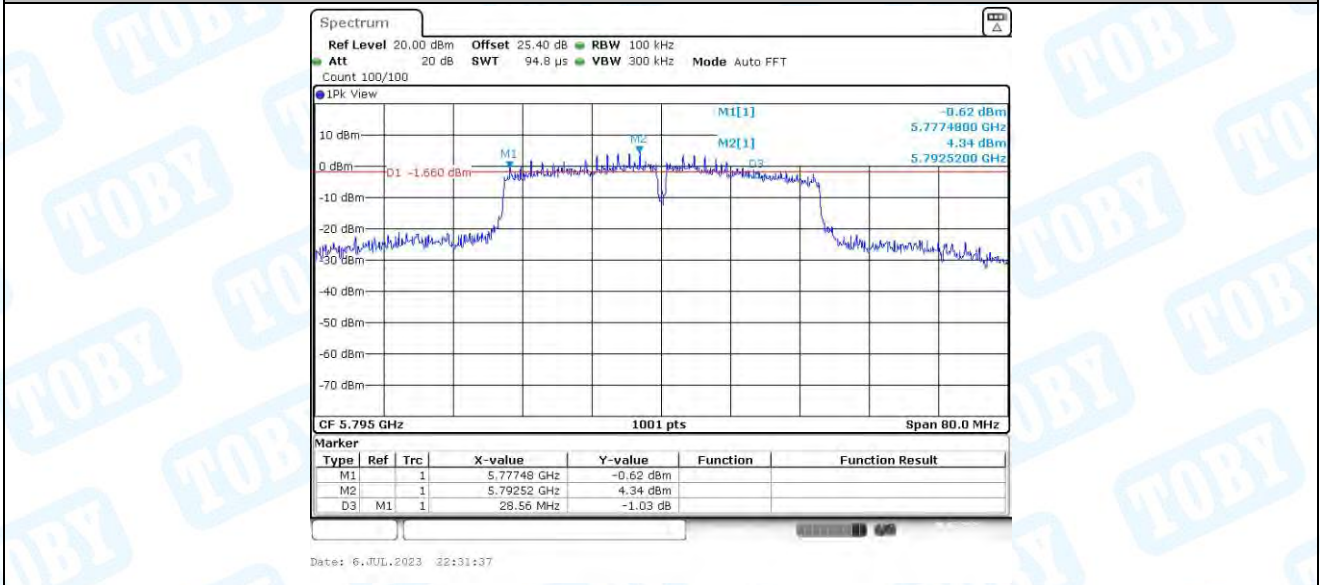




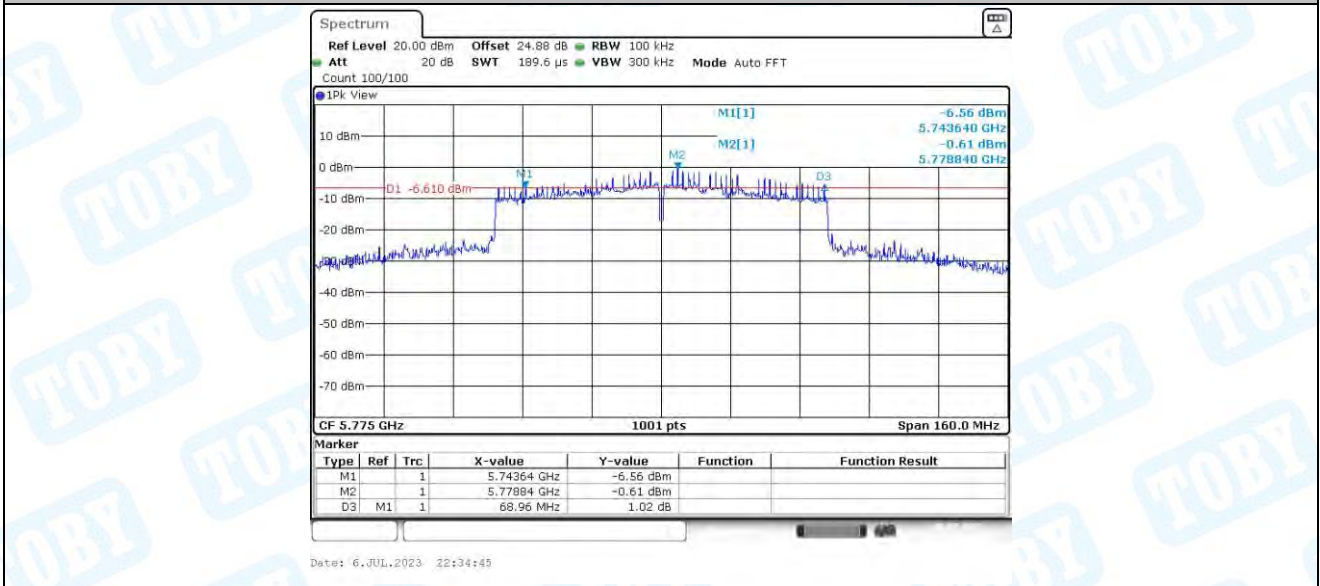




11AC40-CDD\_Ant4\_5795

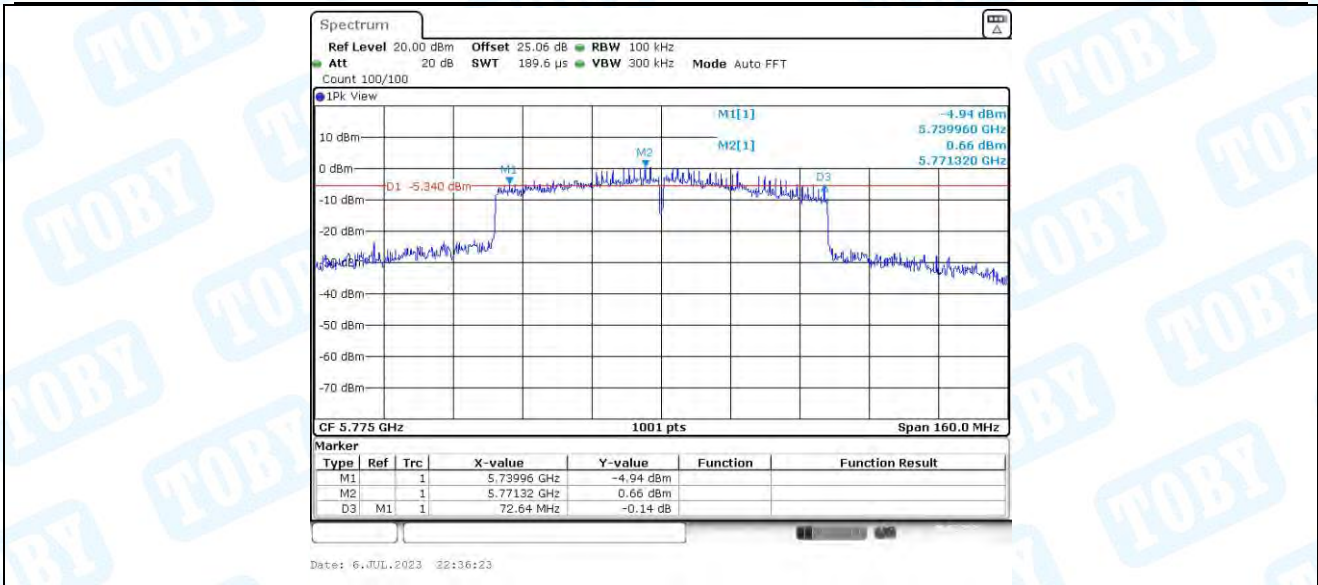


11AC80-CDD\_Ant1\_5775

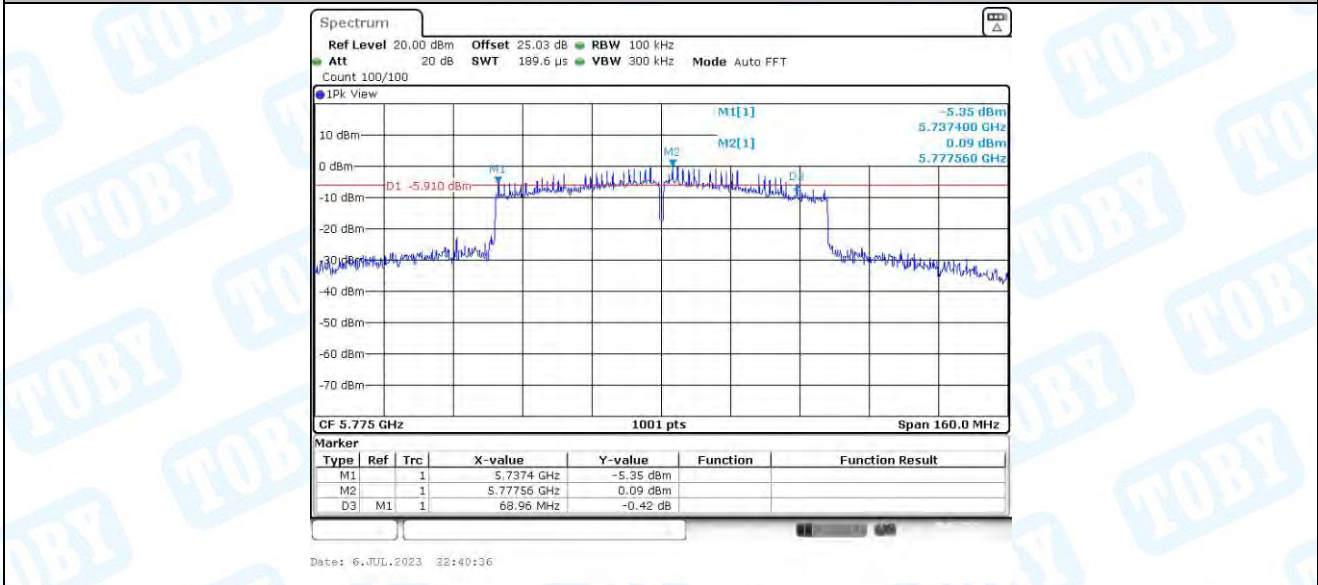


11AC80-CDD\_Ant2\_5775

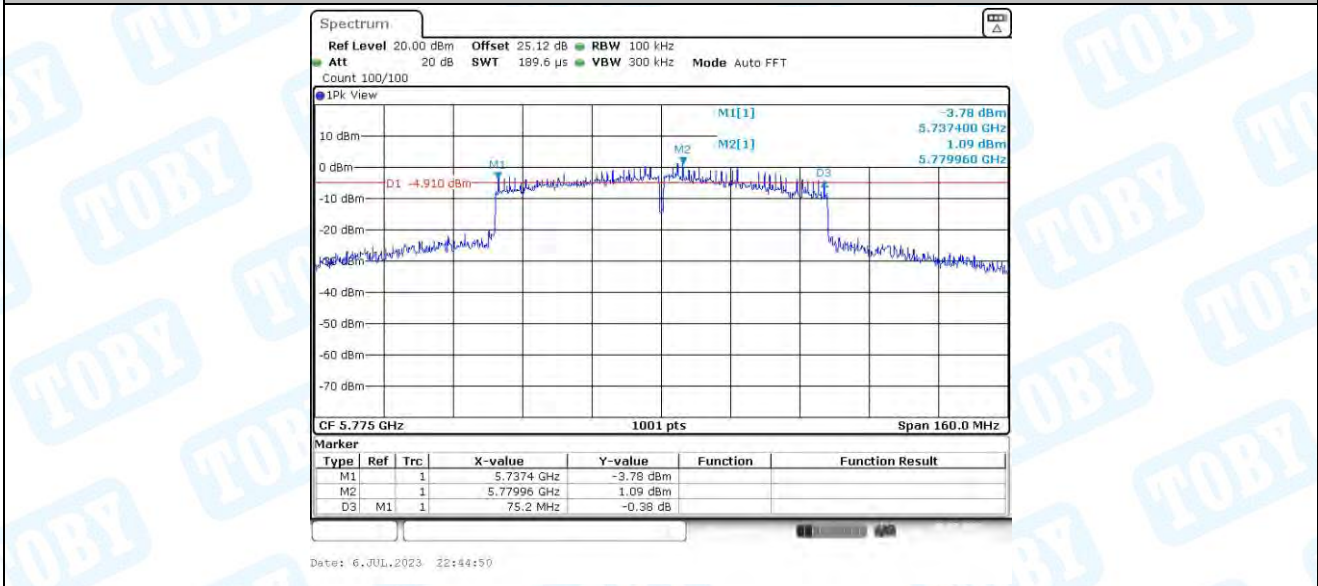




11AC80-CDD\_Ant3\_5775



11AC80-CDD\_Ant4\_5775





### 3. Maximum conducted output power

#### 3.1. Test Result

TestMode	Antenna	Channel	Result[dBm]			Limit[dBm]			Verdict
			SISO	CDD	BF	SISO	CDD	BF	
11A	Ant1	5180	17.79	---	---	≤30.00	---	---	PASS
	Ant2	5180	17.64	---	---	≤30.00	---	---	PASS
	Ant3	5180	17.32	---	---	≤30.00	---	---	PASS
	Ant4	5180	17.39	---	---	≤30.00	---	---	PASS
	Ant1	5200	18.03	---	---	≤30.00	---	---	PASS
	Ant2	5200	17.73	---	---	≤30.00	---	---	PASS
	Ant3	5200	17.29	---	---	≤30.00	---	---	PASS
	Ant4	5200	17.40	---	---	≤30.00	---	---	PASS
	Ant1	5240	18.23	---	---	≤30.00	---	---	PASS
	Ant2	5240	18.09	---	---	≤30.00	---	---	PASS
	Ant3	5240	16.86	---	---	≤30.00	---	---	PASS
	Ant4	5240	18.11	---	---	≤30.00	---	---	PASS
	Ant1	5260	17.84	---	---	≤24.00	---	---	PASS
	Ant2	5260	17.94	---	---	≤24.00	---	---	PASS
	Ant3	5260	16.44	---	---	≤24.00	---	---	PASS
	Ant4	5260	17.77	---	---	≤24.00	---	---	PASS
	Ant1	5280	17.78	---	---	≤24.00	---	---	PASS
	Ant2	5280	17.85	---	---	≤24.00	---	---	PASS
	Ant3	5280	16.37	---	---	≤24.00	---	---	PASS
	Ant4	5280	17.68	---	---	≤24.00	---	---	PASS
	Ant1	5320	17.40	---	---	≤24.00	---	---	PASS
	Ant2	5320	17.77	---	---	≤24.00	---	---	PASS
	Ant3	5320	16.29	---	---	≤24.00	---	---	PASS
	Ant4	5320	17.82	---	---	≤24.00	---	---	PASS
	Ant1	5500	16.73	---	---	≤24.00	---	---	PASS
	Ant2	5500	17.48	---	---	≤24.00	---	---	PASS
	Ant3	5500	17.06	---	---	≤24.00	---	---	PASS
	Ant4	5500	17.69	---	---	≤24.00	---	---	PASS
	Ant1	5580	17.83	---	---	≤24.00	---	---	PASS
	Ant2	5580	18.31	---	---	≤24.00	---	---	PASS
	Ant3	5580	17.39	---	---	≤24.00	---	---	PASS
	Ant4	5580	18.22	---	---	≤24.00	---	---	PASS
	Ant1	5700	15.90	---	---	≤24.00	---	---	PASS
	Ant2	5700	17.70	---	---	≤24.00	---	---	PASS
	Ant3	5700	16.74	---	---	≤24.00	---	---	PASS
	Ant4	5700	18.04	---	---	≤24.00	---	---	PASS
	Ant1	5720 UNII-2C	14.26	---	---	≤24.00	---	---	PASS
	Ant2	5720 UNII-2C	16.22	---	---	≤24.00	---	---	PASS
	Ant3	5720 UNII-2C	15.34	---	---	≤24.00	---	---	PASS
	Ant4	5720 UNII-2C	16.40	---	---	≤24.00	---	---	PASS
	Ant1	5720 UNII-3	6.32	---	---	≤30.00	---	---	PASS
	Ant2	5720 UNII-3	8.41	---	---	≤30.00	---	---	PASS
	Ant3	5720 UNII-3	7.64	---	---	≤30.00	---	---	PASS
	Ant4	5720 UNII-3	8.78	---	---	≤30.00	---	---	PASS
	Ant1	5745	16.20	---	---	≤30.00	---	---	PASS
	Ant2	5745	17.95	---	---	≤30.00	---	---	PASS
	Ant3	5745	17.38	---	---	≤30.00	---	---	PASS
	Ant4	5745	18.38	---	---	≤30.00	---	---	PASS
Ant1	5785	16.29	---	---	≤30.00	---	---	PASS	
Ant2	5785	18.14	---	---	≤30.00	---	---	PASS	
Ant3	5785	17.29	---	---	≤30.00	---	---	PASS	
Ant4	5785	18.43	---	---	≤30.00	---	---	PASS	
Ant1	5825	17.05	---	---	≤30.00	---	---	PASS	
Ant2	5825	17.96	---	---	≤30.00	---	---	PASS	
Ant3	5825	17.53	---	---	≤30.00	---	---	PASS	
Ant4	5825	18.17	---	---	≤30.00	---	---	PASS	
11N20	Ant1	5745	---	14.96	14.97	---	≤30.00	≤30.00	PASS
	Ant2	5745	---	17.06	17.15	---	≤30.00	≤30.00	PASS
	Ant3	5745	---	16.23	16.31	---	≤30.00	≤30.00	PASS
	Ant4	5745	---	17.26	17.80	---	≤30.00	≤30.00	PASS
	total	5745	---	22.49	22.70	---	≤30.00	≤24.92	PASS



	Ant1	5785	---	15.08	14.74	---	≤30.00	≤30.00	PASS
	Ant2	5785	---	17.11	17.21	---	≤30.00	≤30.00	PASS
	Ant3	5785	---	16.21	16.23	---	≤30.00	≤30.00	PASS
	Ant4	5785	---	17.66	17.71	---	≤30.00	≤30.00	PASS
	total	5785	---	22.64	22.63	---	≤30.00	≤24.92	PASS
	Ant1	5825	---	16.04	15.88	---	≤30.00	≤30.00	PASS
	Ant2	5825	---	17.50	17.57	---	≤30.00	≤30.00	PASS
	Ant3	5825	---	17.01	17.05	---	≤30.00	≤30.00	PASS
	Ant4	5825	---	18.28	18.37	---	≤30.00	≤30.00	PASS
	total	5825	---	23.30	23.33	---	≤30.00	≤24.92	PASS
11N40	Ant1	5755	---	15.18	15.03	---	≤30.00	≤30.00	PASS
	Ant2	5755	---	17.10	17.27	---	≤30.00	≤30.00	PASS
	Ant3	5755	---	16.33	16.31	---	≤30.00	≤30.00	PASS
	Ant4	5755	---	18.04	17.95	---	≤30.00	≤30.00	PASS
	total	5755	---	22.81	22.79	---	≤30.00	≤24.92	PASS
	Ant1	5795	---	15.11	14.98	---	≤30.00	≤30.00	PASS
	Ant2	5795	---	17.10	17.36	---	≤30.00	≤30.00	PASS
	Ant3	5795	---	16.33	16.35	---	≤30.00	≤30.00	PASS
	Ant4	5795	---	18.08	18.27	---	≤30.00	≤30.00	PASS
	total	5795	---	22.81	22.93	---	≤30.00	≤24.92	PASS
11N20	Ant1	5180	---	15.72	15.21	---	≤30.00	≤30.00	PASS
	Ant2	5180	---	15.36	15.43	---	≤30.00	≤30.00	PASS
	Ant3	5180	---	15.17	15.23	---	≤30.00	≤30.00	PASS
	Ant4	5180	---	15.30	15.10	---	≤30.00	≤30.00	PASS
	total	5180	---	21.41	21.26	---	≤30.00	≤24.93	PASS
	Ant1	5200	---	15.97	15.91	---	≤30.00	≤30.00	PASS
	Ant2	5200	---	15.57	15.42	---	≤30.00	≤30.00	PASS
	Ant3	5200	---	15.18	15.13	---	≤30.00	≤30.00	PASS
	Ant4	5200	---	15.07	15.07	---	≤30.00	≤30.00	PASS
	total	5200	---	21.48	21.42	---	≤30.00	≤24.93	PASS
	Ant1	5240	---	16.15	16.16	---	≤30.00	≤30.00	PASS
	Ant2	5240	---	15.96	15.82	---	≤30.00	≤30.00	PASS
	Ant3	5240	---	14.92	14.80	---	≤30.00	≤30.00	PASS
	Ant4	5240	---	16.09	15.95	---	≤30.00	≤30.00	PASS
	total	5240	---	21.83	21.73	---	≤30.00	≤24.93	PASS
	Ant1	5260	---	11.69	11.68	---	≤24.00	≤24.00	PASS
	Ant2	5260	---	11.71	11.63	---	≤24.00	≤24.00	PASS
	Ant3	5260	---	10.46	10.58	---	≤24.00	≤24.00	PASS
	Ant4	5260	---	11.52	11.38	---	≤24.00	≤24.00	PASS
	total	5260	---	17.39	17.36	---	≤24.00	≤18.93	PASS
	Ant1	5280	---	11.61	11.59	---	≤24.00	≤24.00	PASS
	Ant2	5280	---	11.57	11.53	---	≤24.00	≤24.00	PASS
	Ant3	5280	---	10.36	10.34	---	≤24.00	≤24.00	PASS
	Ant4	5280	---	11.52	11.49	---	≤24.00	≤24.00	PASS
	total	5280	---	17.32	17.29	---	≤24.00	≤18.93	PASS
	Ant1	5320	---	11.18	10.75	---	≤24.00	≤24.00	PASS
	Ant2	5320	---	11.38	10.86	---	≤24.00	≤24.00	PASS
	Ant3	5320	---	10.11	9.47	---	≤24.00	≤24.00	PASS
	Ant4	5320	---	11.53	11.02	---	≤24.00	≤24.00	PASS
	total	5320	---	17.10	16.59	---	≤24.00	≤18.93	PASS
	Ant1	5500	---	10.33	10.24	---	≤24.00	≤24.00	PASS
	Ant2	5500	---	11.10	10.96	---	≤24.00	≤24.00	PASS
	Ant3	5500	---	11.07	11.10	---	≤24.00	≤24.00	PASS
	Ant4	5500	---	11.14	11.17	---	≤24.00	≤24.00	PASS
	total	5500	---	16.94	16.90	---	≤24.00	≤18.76	PASS
	Ant1	5580	---	10.96	10.96	---	≤24.00	≤24.00	PASS
	Ant2	5580	---	11.51	11.44	---	≤24.00	≤24.00	PASS
	Ant3	5580	---	10.90	10.81	---	≤24.00	≤24.00	PASS
	Ant4	5580	---	11.49	11.39	---	≤24.00	≤24.00	PASS
	total	5580	---	17.24	17.18	---	≤24.00	≤18.76	PASS
Ant1	5700	---	9.80	10.31	---	≤24.00	≤24.00	PASS	
Ant2	5700	---	11.40	11.34	---	≤24.00	≤24.00	PASS	
Ant3	5700	---	10.83	10.70	---	≤24.00	≤24.00	PASS	
Ant4	5700	---	11.79	11.62	---	≤24.00	≤24.00	PASS	
total	5700	---	17.04	17.04	---	≤24.00	≤18.76	PASS	
Ant1	5720 UNII-2C	---	7.51	8.03	---	≤24.00	≤24.00	PASS	
Ant2	5720 UNII-2C	---	9.40	10.03	---	≤24.00	≤24.00	PASS	
Ant3	5720 UNII-2C	---	8.93	9.46	---	≤24.00	≤24.00	PASS	
Ant4	5720 UNII-2C	---	9.63	10.25	---	≤24.00	≤24.00	PASS	



	total	5720 UNII-2C	---	14.96	15.54	---	≤24.00	≤18.76	PASS
	Ant1	5720 UNII-3	---	0.01	0.52	---	≤30.00	≤30.00	PASS
	Ant2	5720 UNII-3	---	2.13	2.76	---	≤30.00	≤30.00	PASS
	Ant3	5720 UNII-3	---	1.78	2.30	---	≤30.00	≤30.00	PASS
	Ant4	5720 UNII-3	---	2.40	3.05	---	≤30.00	≤30.00	PASS
	total	5720 UNII-3	---	7.69	8.28	---	≤30.00	≤24.92	PASS
11N40	Ant1	5190	---	15.36	14.93	---	≤30.00	≤30.00	PASS
	Ant2	5190	---	14.64	14.02	---	≤30.00	≤30.00	PASS
	Ant3	5190	---	14.32	13.86	---	≤30.00	≤30.00	PASS
	Ant4	5190	---	14.44	13.95	---	≤30.00	≤30.00	PASS
	total	5190	---	20.73	20.23	---	≤30.00	≤24.93	PASS
	Ant1	5230	---	13.91	15.09	---	≤30.00	≤30.00	PASS
	Ant2	5230	---	14.71	14.53	---	≤30.00	≤30.00	PASS
	Ant3	5230	---	13.61	13.66	---	≤30.00	≤30.00	PASS
	Ant4	5230	---	14.87	14.72	---	≤30.00	≤30.00	PASS
	total	5230	---	20.33	20.55	---	≤30.00	≤24.93	PASS
	Ant1	5270	---	14.66	12.66	---	≤24.00	≤24.00	PASS
	Ant2	5270	---	14.42	12.34	---	≤24.00	≤24.00	PASS
	Ant3	5270	---	13.04	10.97	---	≤24.00	≤24.00	PASS
	Ant4	5270	---	14.35	12.38	---	≤24.00	≤24.00	PASS
	total	5270	---	20.18	18.16	---	≤24.00	≤18.93	PASS
	Ant1	5310	---	14.52	12.39	---	≤24.00	≤24.00	PASS
	Ant2	5310	---	14.30	12.20	---	≤24.00	≤24.00	PASS
	Ant3	5310	---	12.68	10.75	---	≤24.00	≤24.00	PASS
	Ant4	5310	---	14.54	12.50	---	≤24.00	≤24.00	PASS
	total	5310	---	20.09	18.03	---	≤24.00	≤18.93	PASS
	Ant1	5510	---	13.10	12.04	---	≤24.00	≤24.00	PASS
	Ant2	5510	---	13.45	12.27	---	≤24.00	≤24.00	PASS
	Ant3	5510	---	13.19	12.25	---	≤24.00	≤24.00	PASS
	Ant4	5510	---	13.68	12.78	---	≤24.00	≤24.00	PASS
	total	5510	---	19.38	18.36	---	≤24.00	≤18.76	PASS
	Ant1	5550	---	14.04	12.52	---	≤24.00	≤24.00	PASS
	Ant2	5550	---	14.40	12.95	---	≤24.00	≤24.00	PASS
	Ant3	5550	---	13.59	12.18	---	≤24.00	≤24.00	PASS
	Ant4	5550	---	14.72	13.10	---	≤24.00	≤24.00	PASS
	total	5550	---	20.23	18.72	---	≤24.00	≤18.76	PASS
	Ant1	5670	---	13.15	11.96	---	≤24.00	≤24.00	PASS
	Ant2	5670	---	12.85	11.80	---	≤24.00	≤24.00	PASS
	Ant3	5670	---	13.47	12.41	---	≤24.00	≤24.00	PASS
	Ant4	5670	---	13.05	11.95	---	≤24.00	≤24.00	PASS
	total	5670	---	19.16	18.06	---	≤24.00	≤18.76	PASS
	Ant1	5710 UNII-2C	---	10.69	10.33	---	≤24.00	≤24.00	PASS
	Ant2	5710 UNII-2C	---	12.14	11.70	---	≤24.00	≤24.00	PASS
	Ant3	5710 UNII-2C	---	11.37	11.02	---	≤24.00	≤24.00	PASS
	Ant4	5710 UNII-2C	---	12.59	12.11	---	≤24.00	≤24.00	PASS
	total	5710 UNII-2C	---	17.78	17.36	---	≤24.00	≤18.76	PASS
Ant1	5710 UNII-3	---	-2.04	-2.42	---	≤30.00	≤30.00	PASS	
Ant2	5710 UNII-3	---	-0.27	-0.60	---	≤30.00	≤30.00	PASS	
Ant3	5710 UNII-3	---	-0.64	-0.96	---	≤30.00	≤30.00	PASS	
Ant4	5710 UNII-3	---	0.47	0.00	---	≤30.00	≤30.00	PASS	
total	5710 UNII-3	---	5.49	5.11	---	≤30.00	≤24.92	PASS	
11AC20	Ant1	5745	---	14.94	14.90	---	≤30.00	≤30.00	PASS
	Ant2	5745	---	17.23	17.25	---	≤30.00	≤30.00	PASS
	Ant3	5745	---	16.29	16.24	---	≤30.00	≤30.00	PASS
	Ant4	5745	---	17.69	17.77	---	≤30.00	≤30.00	PASS
	total	5745	---	22.68	22.69	---	≤30.00	≤24.92	PASS
	Ant1	5785	---	14.92	14.64	---	≤30.00	≤30.00	PASS
	Ant2	5785	---	17.17	17.18	---	≤30.00	≤30.00	PASS
	Ant3	5785	---	16.33	16.25	---	≤30.00	≤30.00	PASS
	Ant4	5785	---	17.75	17.85	---	≤30.00	≤30.00	PASS
	total	5785	---	22.69	22.66	---	≤30.00	≤24.92	PASS
	Ant1	5825	---	15.86	15.79	---	≤30.00	≤30.00	PASS
	Ant2	5825	---	16.88	17.04	---	≤30.00	≤30.00	PASS
	Ant3	5825	---	16.42	16.47	---	≤30.00	≤30.00	PASS
	Ant4	5825	---	17.76	17.79	---	≤30.00	≤30.00	PASS
	total	5825	---	22.81	22.86	---	≤30.00	≤24.92	PASS
	11AC40	Ant1	5755	---	15.14	14.95	---	≤30.00	≤30.00
Ant2		5755	---	17.28	17.20	---	≤30.00	≤30.00	PASS
Ant3		5755	---	16.39	16.32	---	≤30.00	≤30.00	PASS



	Ant4	5755	---	18.10	18.16	---	≤30.00	≤30.00	PASS
	total	5755	---	22.88	22.83	---	≤30.00	≤24.92	PASS
	Ant1	5795	---	15.15	14.95	---	≤30.00	≤30.00	PASS
	Ant2	5795	---	17.28	17.24	---	≤30.00	≤30.00	PASS
	Ant3	5795	---	16.33	16.30	---	≤30.00	≤30.00	PASS
	total	5795	---	22.86	22.88	---	≤30.00	≤24.92	PASS
11AC80	Ant1	5775	---	15.43	15.67	---	≤30.00	≤30.00	PASS
	Ant2	5775	---	17.27	17.31	---	≤30.00	≤30.00	PASS
	Ant3	5775	---	16.29	16.48	---	≤30.00	≤30.00	PASS
	Ant4	5775	---	18.20	18.15	---	≤30.00	≤30.00	PASS
	total	5775	---	22.94	23.02	---	≤30.00	≤24.92	PASS
11AC20	Ant1	5180	---	15.79	15.75	---	≤30.00	≤30.00	PASS
	Ant2	5180	---	15.43	15.40	---	≤30.00	≤30.00	PASS
	Ant3	5180	---	15.14	15.23	---	≤30.00	≤30.00	PASS
	Ant4	5180	---	15.45	15.30	---	≤30.00	≤30.00	PASS
	total	5180	---	21.48	21.45	---	≤30.00	≤24.93	PASS
	Ant1	5200	---	15.99	15.88	---	≤30.00	≤30.00	PASS
	Ant2	5200	---	15.57	15.51	---	≤30.00	≤30.00	PASS
	Ant3	5200	---	15.24	15.15	---	≤30.00	≤30.00	PASS
	Ant4	5200	---	15.00	15.05	---	≤30.00	≤30.00	PASS
	total	5200	---	21.49	21.43	---	≤30.00	≤24.93	PASS
	Ant1	5240	---	16.11	16.21	---	≤30.00	≤30.00	PASS
	Ant2	5240	---	15.95	15.76	---	≤30.00	≤30.00	PASS
	Ant3	5240	---	14.89	14.86	---	≤30.00	≤30.00	PASS
	Ant4	5240	---	16.03	16.03	---	≤30.00	≤30.00	PASS
	total	5240	---	21.79	21.77	---	≤30.00	≤24.93	PASS
	Ant1	5260	---	11.66	12.12	---	≤24.00	≤24.00	PASS
	Ant2	5260	---	11.69	12.17	---	≤24.00	≤24.00	PASS
	Ant3	5260	---	10.49	11.07	---	≤24.00	≤24.00	PASS
	Ant4	5260	---	11.57	11.96	---	≤24.00	≤24.00	PASS
	total	5260	---	17.40	17.87	---	≤24.00	≤18.93	PASS
	Ant1	5280	---	11.67	11.11	---	≤24.00	≤24.00	PASS
	Ant2	5280	---	11.61	11.05	---	≤24.00	≤24.00	PASS
	Ant3	5280	---	10.43	9.77	---	≤24.00	≤24.00	PASS
	Ant4	5280	---	11.61	11.09	---	≤24.00	≤24.00	PASS
	total	5280	---	17.38	16.81	---	≤24.00	≤18.93	PASS
	Ant1	5320	---	11.29	10.67	---	≤24.00	≤24.00	PASS
	Ant2	5320	---	11.43	10.89	---	≤24.00	≤24.00	PASS
	Ant3	5320	---	10.21	9.51	---	≤24.00	≤24.00	PASS
	Ant4	5320	---	11.69	10.99	---	≤24.00	≤24.00	PASS
	total	5320	---	17.21	16.57	---	≤24.00	≤18.93	PASS
	Ant1	5500	---	10.39	9.85	---	≤24.00	≤24.00	PASS
	Ant2	5500	---	11.18	10.55	---	≤24.00	≤24.00	PASS
	Ant3	5500	---	11.19	10.57	---	≤24.00	≤24.00	PASS
	Ant4	5500	---	11.20	10.60	---	≤24.00	≤24.00	PASS
	total	5500	---	17.02	16.42	---	≤24.00	≤18.76	PASS
	Ant1	5580	---	11.49	10.46	---	≤24.00	≤24.00	PASS
	Ant2	5580	---	12.12	10.97	---	≤24.00	≤24.00	PASS
	Ant3	5580	---	11.35	10.26	---	≤24.00	≤24.00	PASS
	Ant4	5580	---	12.10	11.01	---	≤24.00	≤24.00	PASS
	total	5580	---	17.80	16.71	---	≤24.00	≤18.76	PASS
	Ant1	5700	---	9.77	9.26	---	≤24.00	≤24.00	PASS
	Ant2	5700	---	11.39	10.88	---	≤24.00	≤24.00	PASS
Ant3	5700	---	10.90	10.25	---	≤24.00	≤24.00	PASS	
Ant4	5700	---	11.70	11.08	---	≤24.00	≤24.00	PASS	
total	5700	---	17.02	16.44	---	≤24.00	≤18.76	PASS	
Ant1	5720 UNII-2C	---	7.51	8.10	---	≤24.00	≤24.00	PASS	
Ant2	5720 UNII-2C	---	9.42	10.10	---	≤24.00	≤24.00	PASS	
Ant3	5720 UNII-2C	---	8.88	9.54	---	≤24.00	≤24.00	PASS	
Ant4	5720 UNII-2C	---	9.67	10.36	---	≤24.00	≤24.00	PASS	
total	5720 UNII-2C	---	14.97	15.63	---	≤24.00	≤18.76	PASS	
Ant1	5720 UNII-3	---	0.01	0.57	---	≤30.00	≤30.00	PASS	
Ant2	5720 UNII-3	---	2.10	2.81	---	≤30.00	≤30.00	PASS	
Ant3	5720 UNII-3	---	1.71	2.37	---	≤30.00	≤30.00	PASS	
Ant4	5720 UNII-3	---	2.47	3.14	---	≤30.00	≤30.00	PASS	
total	5720 UNII-3	---	7.69	8.35	---	≤30.00	≤24.92	PASS	
11AC40	Ant1	5190	---	14.95	14.83	---	≤30.00	≤30.00	PASS
	Ant2	5190	---	14.19	14.09	---	≤30.00	≤30.00	PASS



	Ant3	5190	---	13.88	13.87	---	≤30.00	≤30.00	PASS
	Ant4	5190	---	14.09	13.95	---	≤30.00	≤30.00	PASS
	total	5190	---	20.32	20.22	---	≤30.00	≤24.93	PASS
	Ant1	5230	---	15.11	15.21	---	≤30.00	≤30.00	PASS
	Ant2	5230	---	14.73	14.54	---	≤30.00	≤30.00	PASS
	Ant3	5230	---	13.68	13.60	---	≤30.00	≤30.00	PASS
	Ant4	5230	---	14.78	14.82	---	≤30.00	≤30.00	PASS
	total	5230	---	20.63	20.60	---	≤30.00	≤24.93	PASS
	Ant1	5270	---	14.83	12.68	---	≤24.00	≤24.00	PASS
	Ant2	5270	---	14.51	12.36	---	≤24.00	≤24.00	PASS
	Ant3	5270	---	13.04	11.08	---	≤24.00	≤24.00	PASS
	Ant4	5270	---	14.44	12.46	---	≤24.00	≤24.00	PASS
	total	5270	---	20.28	18.21	---	≤24.00	≤18.93	PASS
	Ant1	5310	---	14.44	12.47	---	≤24.00	≤24.00	PASS
	Ant2	5310	---	14.33	12.21	---	≤24.00	≤24.00	PASS
	Ant3	5310	---	12.80	10.77	---	≤24.00	≤24.00	PASS
	Ant4	5310	---	14.61	12.46	---	≤24.00	≤24.00	PASS
	total	5310	---	20.12	18.05	---	≤24.00	≤18.93	PASS
	Ant1	5510	---	13.74	11.64	---	≤24.00	≤24.00	PASS
	Ant2	5510	---	13.87	12.33	---	≤24.00	≤24.00	PASS
	Ant3	5510	---	13.78	12.27	---	≤24.00	≤24.00	PASS
	Ant4	5510	---	14.36	12.77	---	≤24.00	≤24.00	PASS
	total	5510	---	19.97	18.29	---	≤24.00	≤18.76	PASS
	Ant1	5550	---	14.60	12.58	---	≤24.00	≤24.00	PASS
	Ant2	5550	---	14.97	12.96	---	≤24.00	≤24.00	PASS
	Ant3	5550	---	14.02	12.20	---	≤24.00	≤24.00	PASS
	Ant4	5550	---	15.15	13.04	---	≤24.00	≤24.00	PASS
	total	5550	---	20.73	18.73	---	≤24.00	≤18.76	PASS
	Ant1	5670	---	14.45	12.10	---	≤24.00	≤24.00	PASS
	Ant2	5670	---	14.46	11.87	---	≤24.00	≤24.00	PASS
	Ant3	5670	---	14.89	12.40	---	≤24.00	≤24.00	PASS
	Ant4	5670	---	14.71	11.98	---	≤24.00	≤24.00	PASS
	total	5670	---	20.65	18.11	---	≤24.00	≤18.76	PASS
	Ant1	5710 UNII-2C	---	10.63	10.41	---	≤24.00	≤24.00	PASS
	Ant2	5710 UNII-2C	---	11.85	11.76	---	≤24.00	≤24.00	PASS
	Ant3	5710 UNII-2C	---	11.20	11.17	---	≤24.00	≤24.00	PASS
	Ant4	5710 UNII-2C	---	12.42	12.32	---	≤24.00	≤24.00	PASS
	total	5710 UNII-2C	---	17.60	17.49	---	≤24.00	≤18.76	PASS
	Ant1	5710 UNII-3	---	-2.13	-2.41	---	≤30.00	≤30.00	PASS
	Ant2	5710 UNII-3	---	-0.43	-0.55	---	≤30.00	≤30.00	PASS
	Ant3	5710 UNII-3	---	-0.77	-0.89	---	≤30.00	≤30.00	PASS
	Ant4	5710 UNII-3	---	0.32	0.14	---	≤30.00	≤30.00	PASS
	total	5710 UNII-3	---	5.36	5.19	---	≤30.00	≤24.92	PASS
11AC80	Ant1	5210	---	13.17	13.14	---	≤30.00	≤30.00	PASS
	Ant2	5210	---	12.85	12.83	---	≤30.00	≤30.00	PASS
	Ant3	5210	---	12.07	12.00	---	≤30.00	≤30.00	PASS
	Ant4	5210	---	13.04	12.92	---	≤30.00	≤30.00	PASS
	total	5210	---	18.82	18.76	---	≤30.00	≤24.93	PASS
	Ant1	5290	---	14.13	13.09	---	≤24.00	≤24.00	PASS
	Ant2	5290	---	13.86	12.94	---	≤24.00	≤24.00	PASS
	Ant3	5290	---	12.45	11.40	---	≤24.00	≤24.00	PASS
	Ant4	5290	---	14.00	13.08	---	≤24.00	≤24.00	PASS
	total	5290	---	19.68	18.70	---	≤24.00	≤18.93	PASS
	Ant1	5530	---	11.90	11.62	---	≤24.00	≤24.00	PASS
	Ant2	5530	---	12.42	12.53	---	≤24.00	≤24.00	PASS
	Ant3	5530	---	11.78	11.62	---	≤24.00	≤24.00	PASS
	Ant4	5530	---	12.96	12.71	---	≤24.00	≤24.00	PASS
	total	5530	---	18.31	18.17	---	≤24.00	≤18.76	PASS
	Ant1	5610	---	12.40	12.44	---	≤24.00	≤24.00	PASS
	Ant2	5610	---	12.13	12.16	---	≤24.00	≤24.00	PASS
	Ant3	5610	---	11.28	11.29	---	≤24.00	≤24.00	PASS
	Ant4	5610	---	12.12	12.00	---	≤24.00	≤24.00	PASS
	total	5610	---	18.02	18.01	---	≤24.00	≤18.76	PASS
	Ant1	5690 UNII-2C	---	9.13	9.77	---	≤24.00	≤24.00	PASS
	Ant2	5690 UNII-2C	---	9.47	10.23	---	≤24.00	≤24.00	PASS
	Ant3	5690 UNII-2C	---	10.28	10.83	---	≤24.00	≤24.00	PASS
	Ant4	5690 UNII-2C	---	9.67	10.16	---	≤24.00	≤24.00	PASS
	total	5690 UNII-2C	---	15.68	16.28	---	≤24.00	≤18.76	PASS
	Ant1	5690 UNII-3	---	-6.31	-5.98	---	≤30.00	≤30.00	PASS



Ant2	5690 UNII-3	---	-5.26	-4.83	---	≤30.00	≤30.00	PASS
Ant3	5690 UNII-3	---	-4.62	-4.14	---	≤30.00	≤30.00	PASS
Ant4	5690 UNII-3	---	-4.91	-4.55	---	≤30.00	≤30.00	PASS
total	5690 UNII-3	---	0.79	1.20	---	≤30.00	≤24.92	PASS

Note: The Duty Cycle Factor is compensated in the graph.

U-NII-1:  $G_{ANT1}=5.06\text{dBi}$ ;  $G_{ANT2}=4.71\text{dBi}$ ;  $G_{ANT3}=5.02\text{dBi}$ ;  $G_{ANT4}=5.41\text{dBi}$ .  
 U-NII-2A:  $G_{ANT1}=5.06\text{dBi}$ ;  $G_{ANT2}=4.72\text{dBi}$ ;  $G_{ANT3}=5.39\text{dBi}$ ;  $G_{ANT4}=5.03\text{dBi}$ .  
 U-NII-2C:  $G_{ANT1}=5.36\text{dBi}$ ;  $G_{ANT2}=5.06\text{dBi}$ ;  $G_{ANT3}=5.34\text{dBi}$ ;  $G_{ANT4}=5.10\text{dBi}$ .  
 U-NII-3:  $G_{ANT1}=5.23\text{dBi}$ ;  $G_{ANT2}=4.97\text{dBi}$ ;  $G_{ANT3}=5.10\text{dBi}$ ;  $G_{ANT4}=4.94\text{dBi}$ .

For SISO/CDD Mode:

Directional gain =  $G_{ANT}$  + Array Gain, Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ; So the Directional gain < 6dBi, The Power Limit=Plimit

For Beamforming Mode:

Directional gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / 4]$ ;  
 U-NII-1: Directional gain=11.07dBi, So the power limit=30-(11.07-6)dBm=24.93dBm  
 U-NII-2A: Directional gain=11.07dBi, So the power limit=24-(11.07-6)dBm=18.93dBm  
 U-NII-2C: Directional gain=11.24dBi, So the power limit=24-(11.24-6)dBm=18.76dBm  
 U-NII-3: Directional gain=11.08dBi, So the power limit=30-(11.08-6)dBm=24.92dBm



## 4. Maximum power spectral density

### 4.1. Test Result

The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85GHz

TestMode	Antenna	Channel	Result [dBm/MHz]			Limit[dBm/MHz]			Verdict
			Result [dBm/500kHz]			Limit[dBm/500kHz]			
			SISO	CDD	BF	SISO	CDD	BF	
11A	Ant1	5180	6.98	---	---	≤17.00	---	---	PASS
	Ant2	5180	6.38	---	---	≤17.00	---	---	PASS
	Ant3	5180	6.16	---	---	≤17.00	---	---	PASS
	Ant4	5180	6.14	---	---	≤17.00	---	---	PASS
	Ant1	5200	6.87	---	---	≤17.00	---	---	PASS
	Ant2	5200	6.71	---	---	≤17.00	---	---	PASS
	Ant3	5200	5.85	---	---	≤17.00	---	---	PASS
	Ant4	5200	5.95	---	---	≤17.00	---	---	PASS
	Ant1	5240	7.29	---	---	≤17.00	---	---	PASS
	Ant2	5240	6.68	---	---	≤17.00	---	---	PASS
	Ant3	5240	5.47	---	---	≤17.00	---	---	PASS
	Ant4	5240	6.17	---	---	≤17.00	---	---	PASS
	Ant1	5260	6.53	---	---	≤11.00	---	---	PASS
	Ant2	5260	6.04	---	---	≤11.00	---	---	PASS
	Ant3	5260	5.26	---	---	≤11.00	---	---	PASS
	Ant4	5260	6.45	---	---	≤11.00	---	---	PASS
	Ant1	5280	6.8	---	---	≤11.00	---	---	PASS
	Ant2	5280	6.36	---	---	≤11.00	---	---	PASS
	Ant3	5280	5.07	---	---	≤11.00	---	---	PASS
	Ant4	5280	5.83	---	---	≤11.00	---	---	PASS
	Ant1	5320	6.72	---	---	≤11.00	---	---	PASS
	Ant2	5320	6.67	---	---	≤11.00	---	---	PASS
	Ant3	5320	5.23	---	---	≤11.00	---	---	PASS
	Ant4	5320	6.3	---	---	≤11.00	---	---	PASS
	Ant1	5500	6.49	---	---	≤11.00	---	---	PASS
	Ant2	5500	6.99	---	---	≤11.00	---	---	PASS
	Ant3	5500	6.24	---	---	≤11.00	---	---	PASS
	Ant4	5500	6.41	---	---	≤11.00	---	---	PASS
	Ant1	5580	6.8	---	---	≤11.00	---	---	PASS
	Ant2	5580	7.02	---	---	≤11.00	---	---	PASS
	Ant3	5580	6.11	---	---	≤11.00	---	---	PASS
	Ant4	5580	6.93	---	---	≤11.00	---	---	PASS
	Ant1	5700	4.82	---	---	≤11.00	---	---	PASS
	Ant2	5700	6.68	---	---	≤11.00	---	---	PASS
	Ant3	5700	5.99	---	---	≤11.00	---	---	PASS
	Ant4	5700	7.03	---	---	≤11.00	---	---	PASS
	Ant1	5720 UNII-2C	4.11	---	---	≤11.00	---	---	PASS
	Ant2	5720 UNII-2C	6.5	---	---	≤11.00	---	---	PASS
	Ant3	5720 UNII-2C	5.83	---	---	≤11.00	---	---	PASS
	Ant4	5720 UNII-2C	6.59	---	---	≤11.00	---	---	PASS
Ant1	5720 UNII-3	-0.55	---	---	≤30.00	---	---	PASS	
Ant2	5720 UNII-3	0.96	---	---	≤30.00	---	---	PASS	
Ant3	5720 UNII-3	0.7	---	---	≤30.00	---	---	PASS	
Ant4	5720 UNII-3	2.01	---	---	≤30.00	---	---	PASS	
Ant1	5745	2.72	---	---	≤30.00	---	---	PASS	
Ant2	5745	4.75	---	---	≤30.00	---	---	PASS	
Ant3	5745	3.92	---	---	≤30.00	---	---	PASS	
Ant4	5745	4.78	---	---	≤30.00	---	---	PASS	
Ant1	5785	2.66	---	---	≤30.00	---	---	PASS	
Ant2	5785	4.99	---	---	≤30.00	---	---	PASS	
Ant3	5785	3.6	---	---	≤30.00	---	---	PASS	
Ant4	5785	4.69	---	---	≤30.00	---	---	PASS	
Ant1	5825	3.56	---	---	≤30.00	---	---	PASS	
Ant2	5825	4.32	---	---	≤30.00	---	---	PASS	
Ant3	5825	4.18	---	---	≤30.00	---	---	PASS	
Ant4	5825	4.32	---	---	≤30.00	---	---	PASS	
11N20-CDD	Ant1	5745	---	0.53	0.62	---	≤30.00	≤30.00	PASS
	Ant2	5745	---	3.27	3.57	---	≤30.00	≤30.00	PASS
	Ant3	5745	---	2.19	1.94	---	≤30.00	≤30.00	PASS



	Ant4	5745	---	3.17	3.45	---	≤30.00	≤30.00	PASS	
	total	5745	---	8.44	8.58	---	≤24.92	≤24.92	PASS	
	Ant1	5785	---	1.21	0.01	---	≤30.00	≤30.00	PASS	
	Ant2	5785	---	3.44	3.34	---	≤30.00	≤30.00	PASS	
	Ant3	5785	---	1.89	2.75	---	≤30.00	≤30.00	PASS	
	Ant4	5785	---	3.56	4.23	---	≤30.00	≤30.00	PASS	
	total	5785	---	8.66	8.86	---	≤24.92	≤24.92	PASS	
	Ant1	5825	---	1.73	1.68	---	≤30.00	≤30.00	PASS	
	Ant2	5825	---	3.62	4.07	---	≤30.00	≤30.00	PASS	
	Ant3	5825	---	3.2	3.03	---	≤30.00	≤30.00	PASS	
	Ant4	5825	---	4.23	4.33	---	≤30.00	≤30.00	PASS	
	total	5825	---	9.31	9.42	---	≤24.92	≤24.92	PASS	
	11N40-CDD	Ant1	5755	---	-2.5	-2.66	---	≤30.00	≤30.00	PASS
		Ant2	5755	---	-0.4	0.08	---	≤30.00	≤30.00	PASS
		Ant3	5755	---	-1.08	-0.72	---	≤30.00	≤30.00	PASS
Ant4		5755	---	0.74	0.58	---	≤30.00	≤30.00	PASS	
total		5755	---	5.37	5.50	---	≤24.92	≤24.92	PASS	
Ant1		5795	---	-2.32	-2.64	---	≤30.00	≤30.00	PASS	
Ant2		5795	---	-0.43	-0.06	---	≤30.00	≤30.00	PASS	
Ant3		5795	---	-0.89	-0.43	---	≤30.00	≤30.00	PASS	
Ant4		5795	---	0.78	0.75	---	≤30.00	≤30.00	PASS	
total		5795	---	5.44	5.59	---	≤24.92	≤24.92	PASS	
11N20-CDD		Ant1	5180	---	3.67	3.75	---	≤17.00	≤17.00	PASS
		Ant2	5180	---	3.96	4.26	---	≤17.00	≤17.00	PASS
		Ant3	5180	---	3.6	4.34	---	≤17.00	≤17.00	PASS
		Ant4	5180	---	3.99	3.63	---	≤17.00	≤17.00	PASS
		total	5180	---	9.83	10.03	---	≤11.93	≤11.93	PASS
	Ant1	5200	---	4.44	4.13	---	≤17.00	≤17.00	PASS	
	Ant2	5200	---	4.73	4.05	---	≤17.00	≤17.00	PASS	
	Ant3	5200	---	3.24	3.78	---	≤17.00	≤17.00	PASS	
	Ant4	5200	---	3.42	3.7	---	≤17.00	≤17.00	PASS	
	total	5200	---	10.03	9.94	---	≤11.93	≤11.93	PASS	
	Ant1	5240	---	4.01	4.76	---	≤17.00	≤17.00	PASS	
	Ant2	5240	---	4.64	4.49	---	≤17.00	≤17.00	PASS	
	Ant3	5240	---	2.68	3.32	---	≤17.00	≤17.00	PASS	
	Ant4	5240	---	4.02	4.62	---	≤17.00	≤17.00	PASS	
	total	5240	---	9.91	10.35	---	≤11.93	≤11.93	PASS	
	Ant1	5260	---	-0.26	-1.02	---	≤11.00	≤11.00	PASS	
	Ant2	5260	---	0.39	-0.09	---	≤11.00	≤11.00	PASS	
	Ant3	5260	---	-1.15	-0.94	---	≤11.00	≤11.00	PASS	
	Ant4	5260	---	0.12	-0.43	---	≤11.00	≤11.00	PASS	
	total	5260	---	5.83	5.42	---	≤5.93	≤5.93	PASS	
	Ant1	5280	---	-0.67	0.35	---	≤11.00	≤11.00	PASS	
	Ant2	5280	---	-0.45	-0.12	---	≤11.00	≤11.00	PASS	
	Ant3	5280	---	-1.45	-0.93	---	≤11.00	≤11.00	PASS	
	Ant4	5280	---	0.11	-0.74	---	≤11.00	≤11.00	PASS	
	total	5280	---	5.44	5.69	---	≤5.93	≤5.93	PASS	
	Ant1	5320	---	-0.74	-0.89	---	≤11.00	≤11.00	PASS	
	Ant2	5320	---	-0.3	-0.35	---	≤11.00	≤11.00	PASS	
	Ant3	5320	---	-1.71	-1.6	---	≤11.00	≤11.00	PASS	
	Ant4	5320	---	0.02	-0.17	---	≤11.00	≤11.00	PASS	
	total	5320	---	5.39	5.30	---	≤5.93	≤5.93	PASS	
	Ant1	5500	---	-1.23	-0.89	---	≤11.00	≤11.00	PASS	
	Ant2	5500	---	-0.16	-0.81	---	≤11.00	≤11.00	PASS	
	Ant3	5500	---	-0.73	-0.59	---	≤11.00	≤11.00	PASS	
	Ant4	5500	---	-0.17	-0.75	---	≤11.00	≤11.00	PASS	
	total	5500	---	5.47	5.26	---	≤5.76	≤5.76	PASS	
	Ant1	5580	---	-0.46	-0.56	---	≤11.00	≤11.00	PASS	
	Ant2	5580	---	-0.37	0.11	---	≤11.00	≤11.00	PASS	
	Ant3	5580	---	-0.82	-0.88	---	≤11.00	≤11.00	PASS	
	Ant4	5580	---	-0.32	-0.39	---	≤11.00	≤11.00	PASS	
	total	5580	---	5.53	5.61	---	≤5.76	≤5.76	PASS	
	Ant1	5700	---	-2.68	-1.08	---	≤11.00	≤11.00	PASS	
	Ant2	5700	---	-0.47	0.26	---	≤11.00	≤11.00	PASS	
	Ant3	5700	---	-0.78	-0.23	---	≤11.00	≤11.00	PASS	
	Ant4	5700	---	0.23	-0.68	---	≤11.00	≤11.00	PASS	
	total	5700	---	5.22	5.62	---	≤5.76	≤5.76	PASS	
Ant1	5720_UNII-2C	---	-2.31	-1.98	---	≤11.00	≤11.00	PASS		
Ant2	5720_UNII-2C	---	-0.04	-0.03	---	≤11.00	≤11.00	PASS		



11N40-CDD	Ant3	5720 UNII-2C	---	-0.56	-0.18	---	≤11.00	≤11.00	PASS
	Ant4	5720 UNII-2C	---	-0.1	-0.89	---	≤11.00	≤11.00	PASS
	total	5720 UNII-2C	---	5.36	5.32	---	≤5.76	≤5.76	PASS
	Ant1	5720 UNII-3	---	-7.76	-6.83	---	≤30.00	≤30.00	PASS
	Ant2	5720 UNII-3	---	-5.97	-4.76	---	≤30.00	≤30.00	PASS
	Ant3	5720 UNII-3	---	-5.85	-4.64	---	≤30.00	≤30.00	PASS
	Ant4	5720 UNII-3	---	-5.08	-5.18	---	≤30.00	≤30.00	PASS
	total	5720 UNII-3	---	-0.04	0.75	---	≤24.92	≤24.92	PASS
	Ant1	5190	---	0.77	0.51	---	≤17.00	≤17.00	PASS
	Ant2	5190	---	0.05	0.83	---	≤17.00	≤17.00	PASS
	Ant3	5190	---	-0.21	-0.58	---	≤17.00	≤17.00	PASS
	Ant4	5190	---	-0.32	-0.19	---	≤17.00	≤17.00	PASS
	total	5190	---	6.11	6.20	---	≤11.93	≤11.93	PASS
	Ant1	5230	---	0.63	1.42	---	≤17.00	≤17.00	PASS
	Ant2	5230	---	0.05	0.4	---	≤17.00	≤17.00	PASS
	Ant3	5230	---	-0.8	-0.41	---	≤17.00	≤17.00	PASS
	Ant4	5230	---	-0.15	0.33	---	≤17.00	≤17.00	PASS
	total	5230	---	5.98	6.51	---	≤11.93	≤11.93	PASS
	Ant1	5270	---	-0.11	-1.63	---	≤11.00	≤11.00	PASS
	Ant2	5270	---	-0.44	-1.26	---	≤11.00	≤11.00	PASS
	Ant3	5270	---	-1.44	-3.16	---	≤11.00	≤11.00	PASS
	Ant4	5270	---	-0.72	-1.94	---	≤11.00	≤11.00	PASS
	total	5270	---	5.37	4.08	---	≤5.93	≤5.93	PASS
	Ant1	5310	---	-0.33	-1.8	---	≤11.00	≤11.00	PASS
	Ant2	5310	---	-0.51	-1.88	---	≤11.00	≤11.00	PASS
	Ant3	5310	---	-1.89	-3.53	---	≤11.00	≤11.00	PASS
	Ant4	5310	---	-0.28	-1.72	---	≤11.00	≤11.00	PASS
	total	5310	---	5.32	3.85	---	≤5.93	≤5.93	PASS
Ant1	5510	---	-1.55	-2.16	---	≤11.00	≤11.00	PASS	
Ant2	5510	---	-1.11	-2.15	---	≤11.00	≤11.00	PASS	
Ant3	5510	---	-0.9	-2.04	---	≤11.00	≤11.00	PASS	
Ant4	5510	---	-0.64	-1.27	---	≤11.00	≤11.00	PASS	
total	5510	---	4.98	4.13	---	≤5.76	≤5.76	PASS	
Ant1	5550	---	-0.65	-1.18	---	≤11.00	≤11.00	PASS	
Ant2	5550	---	-0.16	-0.73	---	≤11.00	≤11.00	PASS	
Ant3	5550	---	-1.09	-0.9	---	≤11.00	≤11.00	PASS	
Ant4	5550	---	0.08	-0.78	---	≤11.00	≤11.00	PASS	
total	5550	---	5.59	5.13	---	≤5.76	≤5.76	PASS	
Ant1	5670	---	-1.99	-2.25	---	≤11.00	≤11.00	PASS	
Ant2	5670	---	-1.64	-2.35	---	≤11.00	≤11.00	PASS	
Ant3	5670	---	-1.2	-1.67	---	≤11.00	≤11.00	PASS	
Ant4	5670	---	-1.97	-1.8	---	≤11.00	≤11.00	PASS	
total	5670	---	4.33	4.01	---	≤5.76	≤5.76	PASS	
Ant1	5710 UNII-2C	---	-2.42	-2.79	---	≤11.00	≤11.00	PASS	
Ant2	5710 UNII-2C	---	-1.22	-1.69	---	≤11.00	≤11.00	PASS	
Ant3	5710 UNII-2C	---	-1.63	-2.39	---	≤11.00	≤11.00	PASS	
Ant4	5710 UNII-2C	---	-0.59	-1.09	---	≤11.00	≤11.00	PASS	
total	5710 UNII-2C	---	4.61	4.08	---	≤5.76	≤5.76	PASS	
Ant1	5710 UNII-3	---	-9.3	-10.19	---	≤30.00	≤30.00	PASS	
Ant2	5710 UNII-3	---	-7.42	-7.78	---	≤30.00	≤30.00	PASS	
Ant3	5710 UNII-3	---	-8.25	-8.25	---	≤30.00	≤30.00	PASS	
Ant4	5710 UNII-3	---	-6.57	-7.56	---	≤30.00	≤30.00	PASS	
total	5710 UNII-3	---	-1.75	-2.31	---	≤24.92	≤24.92	PASS	
11AC20-CDD	Ant1	5745	---	0.57	0.45	---	≤30.00	≤30.00	PASS
	Ant2	5745	---	3.37	2.86	---	≤30.00	≤30.00	PASS
	Ant3	5745	---	2	2.27	---	≤30.00	≤30.00	PASS
	Ant4	5745	---	3.84	3.69	---	≤30.00	≤30.00	PASS
	total	5745	---	8.64	8.49	---	≤24.92	≤24.92	PASS
	Ant1	5785	---	0.78	-0.14	---	≤30.00	≤30.00	PASS
	Ant2	5785	---	3.42	2.81	---	≤30.00	≤30.00	PASS
	Ant3	5785	---	2.39	2.13	---	≤30.00	≤30.00	PASS
	Ant4	5785	---	3.64	3.9	---	≤30.00	≤30.00	PASS
	total	5785	---	8.72	8.43	---	≤24.92	≤24.92	PASS
	Ant1	5825	---	1.43	1.64	---	≤30.00	≤30.00	PASS
	Ant2	5825	---	2.94	2.67	---	≤30.00	≤30.00	PASS
	Ant3	5825	---	2.29	2.58	---	≤30.00	≤30.00	PASS
	Ant4	5825	---	3.99	3.73	---	≤30.00	≤30.00	PASS
	total	5825	---	8.78	8.74	---	≤24.92	≤24.92	PASS
	11AC40-CDD	Ant1	5755	---	-2.47	-2.88	---	≤30.00	≤30.00



	Ant2	5755	---	-0.24	-0.21	---	≤30.00	≤30.00	PASS
	Ant3	5755	---	-1.33	-1.24	---	≤30.00	≤30.00	PASS
	Ant4	5755	---	0.61	0.84	---	≤30.00	≤30.00	PASS
	total	5755	---	5.31	5.36	---	≤24.92	≤24.92	PASS
	Ant1	5795	---	-2.48	-2.59	---	≤30.00	≤30.00	PASS
	Ant2	5795	---	0.2	-0.09	---	≤30.00	≤30.00	PASS
	Ant3	5795	---	-0.99	-1.16	---	≤30.00	≤30.00	PASS
	Ant4	5795	---	1.23	1.21	---	≤30.00	≤30.00	PASS
	total	5795	---	5.72	5.58	---	≤24.92	≤24.92	PASS
11AC80-CDD	Ant1	5775	---	-4.96	-4.44	---	≤30.00	≤30.00	PASS
	Ant2	5775	---	-2.75	-2.3	---	≤30.00	≤30.00	PASS
	Ant3	5775	---	-3.55	-3.53	---	≤30.00	≤30.00	PASS
	Ant4	5775	---	-1.54	-1.53	---	≤30.00	≤30.00	PASS
	total	5775	---	3.00	3.21	---	≤24.92	≤24.92	PASS
11AC20-CDD	Ant1	5180	---	3.73	4.64	---	≤17.00	≤17.00	PASS
	Ant2	5180	---	3.7	4.22	---	≤17.00	≤17.00	PASS
	Ant3	5180	---	3.35	3.78	---	≤17.00	≤17.00	PASS
	Ant4	5180	---	3.56	4.55	---	≤17.00	≤17.00	PASS
	total	5180	---	9.61	10.33	---	≤11.93	≤11.93	PASS
	Ant1	5200	---	4.2	4.74	---	≤17.00	≤17.00	PASS
	Ant2	5200	---	3.58	4.26	---	≤17.00	≤17.00	PASS
	Ant3	5200	---	3.48	3.31	---	≤17.00	≤17.00	PASS
	Ant4	5200	---	3.06	3.74	---	≤17.00	≤17.00	PASS
	total	5200	---	9.62	10.07	---	≤11.93	≤11.93	PASS
	Ant1	5240	---	4.42	4.61	---	≤17.00	≤17.00	PASS
	Ant2	5240	---	4.11	4.51	---	≤17.00	≤17.00	PASS
	Ant3	5240	---	3.28	3.53	---	≤17.00	≤17.00	PASS
	Ant4	5240	---	4.26	4.66	---	≤17.00	≤17.00	PASS
	total	5240	---	10.06	10.37	---	≤11.93	≤11.93	PASS
	Ant1	5260	---	-0.6	-0.44	---	≤11.00	≤11.00	PASS
	Ant2	5260	---	-0.13	0.29	---	≤11.00	≤11.00	PASS
	Ant3	5260	---	-1.57	-1.15	---	≤11.00	≤11.00	PASS
	Ant4	5260	---	-0.41	-0.5	---	≤11.00	≤11.00	PASS
	total	5260	---	5.38	5.60	---	≤5.93	≤5.93	PASS
	Ant1	5280	---	-0.51	-0.52	---	≤11.00	≤11.00	PASS
	Ant2	5280	---	-0.2	-0.02	---	≤11.00	≤11.00	PASS
	Ant3	5280	---	-1.26	-1.65	---	≤11.00	≤11.00	PASS
	Ant4	5280	---	-0.42	0.17	---	≤11.00	≤11.00	PASS
	total	5280	---	5.44	5.57	---	≤5.93	≤5.93	PASS
	Ant1	5320	---	-0.72	-0.6	---	≤11.00	≤11.00	PASS
	Ant2	5320	---	-0.47	-0.1	---	≤11.00	≤11.00	PASS
	Ant3	5320	---	-1.35	-1.16	---	≤11.00	≤11.00	PASS
	Ant4	5320	---	-0.3	-0.13	---	≤11.00	≤11.00	PASS
	total	5320	---	5.33	5.54	---	≤5.93	≤5.93	PASS
	Ant1	5500	---	-1.34	-0.89	---	≤11.00	≤11.00	PASS
	Ant2	5500	---	-0.46	0.05	---	≤11.00	≤11.00	PASS
	Ant3	5500	---	-0.48	-0.56	---	≤11.00	≤11.00	PASS
	Ant4	5500	---	-0.87	-0.62	---	≤11.00	≤11.00	PASS
	total	5500	---	5.25	5.53	---	≤5.76	≤5.76	PASS
	Ant1	5580	---	-0.45	-0.97	---	≤11.00	≤11.00	PASS
	Ant2	5580	---	0.11	0.23	---	≤11.00	≤11.00	PASS
	Ant3	5580	---	-0.54	-0.69	---	≤11.00	≤11.00	PASS
	Ant4	5580	---	-0.37	-0.06	---	≤11.00	≤11.00	PASS
	total	5580	---	5.72	5.67	---	≤5.76	≤5.76	PASS
	Ant1	5700	---	-2.21	-2.14	---	≤11.00	≤11.00	PASS
	Ant2	5700	---	-0.24	-0.25	---	≤11.00	≤11.00	PASS
Ant3	5700	---	-0.89	-1.37	---	≤11.00	≤11.00	PASS	
Ant4	5700	---	-0.14	-0.35	---	≤11.00	≤11.00	PASS	
total	5700	---	5.22	5.06	---	≤5.76	≤5.76	PASS	
Ant1	5720 UNII-2C	---	-2.74	-2.15	---	≤11.00	≤11.00	PASS	
Ant2	5720 UNII-2C	---	-0.29	-0.02	---	≤11.00	≤11.00	PASS	
Ant3	5720 UNII-2C	---	-0.6	-0.33	---	≤11.00	≤11.00	PASS	
Ant4	5720 UNII-2C	---	-0.16	0.58	---	≤11.00	≤11.00	PASS	
total	5720 UNII-2C	---	5.19	5.65	---	≤5.76	≤5.76	PASS	
Ant1	5720 UNII-3	---	-7.37	-7	---	≤30.00	≤30.00	PASS	
Ant2	5720 UNII-3	---	-5.1	-4.6	---	≤30.00	≤30.00	PASS	
Ant3	5720 UNII-3	---	-6.25	-5.37	---	≤30.00	≤30.00	PASS	
Ant4	5720 UNII-3	---	-4.94	-4.74	---	≤30.00	≤30.00	PASS	
total	5720 UNII-3	---	0.21	0.69	---	≤24.92	≤24.92	PASS	



11AC40-CDD	Ant1	5190	---	0.24	0.97	---	≤17.00	≤17.00	PASS
	Ant2	5190	---	-0.69	0.27	---	≤17.00	≤17.00	PASS
	Ant3	5190	---	-0.88	0.14	---	≤17.00	≤17.00	PASS
	Ant4	5190	---	-0.78	-0.13	---	≤17.00	≤17.00	PASS
	total	5190	---	5.52	6.35	---	≤11.93	≤11.93	PASS
	Ant1	5230	---	0.37	0.82	---	≤17.00	≤17.00	PASS
	Ant2	5230	---	0.17	0.62	---	≤17.00	≤17.00	PASS
	Ant3	5230	---	-1.06	-0.31	---	≤17.00	≤17.00	PASS
	Ant4	5230	---	-0.27	0.46	---	≤17.00	≤17.00	PASS
	total	5230	---	5.86	6.44	---	≤11.93	≤11.93	PASS
	Ant1	5270	---	-0.06	-1.51	---	≤11.00	≤11.00	PASS
	Ant2	5270	---	-0.44	-1.21	---	≤11.00	≤11.00	PASS
	Ant3	5270	---	-1.68	-3.03	---	≤11.00	≤11.00	PASS
	Ant4	5270	---	-0.43	-1.73	---	≤11.00	≤11.00	PASS
	total	5270	---	5.41	4.20	---	≤5.93	≤5.93	PASS
	Ant1	5310	---	-0.32	-1.92	---	≤11.00	≤11.00	PASS
	Ant2	5310	---	-0.23	-1.89	---	≤11.00	≤11.00	PASS
	Ant3	5310	---	-1.85	-3.26	---	≤11.00	≤11.00	PASS
	Ant4	5310	---	-0.42	-1.48	---	≤11.00	≤11.00	PASS
	total	5310	---	5.36	3.93	---	≤5.93	≤5.93	PASS
	Ant1	5510	---	-0.97	-1.75	---	≤11.00	≤11.00	PASS
	Ant2	5510	---	-0.27	-1.26	---	≤11.00	≤11.00	PASS
	Ant3	5510	---	-0.84	-1.8	---	≤11.00	≤11.00	PASS
	Ant4	5510	---	-0.54	-1.27	---	≤11.00	≤11.00	PASS
	total	5510	---	5.37	4.51	---	≤5.76	≤5.76	PASS
	Ant1	5550	---	-0.34	-1.14	---	≤11.00	≤11.00	PASS
	Ant2	5550	---	-0.27	-0.94	---	≤11.00	≤11.00	PASS
	Ant3	5550	---	-1.22	-1.78	---	≤11.00	≤11.00	PASS
	Ant4	5550	---	-0.15	-1.43	---	≤11.00	≤11.00	PASS
	total	5550	---	5.55	4.71	---	≤5.76	≤5.76	PASS
	Ant1	5670	---	-0.65	-2.77	---	≤11.00	≤11.00	PASS
	Ant2	5670	---	-0.45	-3.4	---	≤11.00	≤11.00	PASS
	Ant3	5670	---	0.26	-2.48	---	≤11.00	≤11.00	PASS
	Ant4	5670	---	-0.3	-2.48	---	≤11.00	≤11.00	PASS
	total	5670	---	5.75	3.25	---	≤5.76	≤5.76	PASS
	Ant1	5710 UNII-2C	---	-2.77	-2.78	---	≤11.00	≤11.00	PASS
	Ant2	5710 UNII-2C	---	-1.01	-1.51	---	≤11.00	≤11.00	PASS
	Ant3	5710 UNII-2C	---	-1.94	-2.17	---	≤11.00	≤11.00	PASS
	Ant4	5710 UNII-2C	---	-0.66	-1.22	---	≤11.00	≤11.00	PASS
	total	5710 UNII-2C	---	4.50	4.14	---	≤5.76	≤5.76	PASS
Ant1	5710 UNII-3	---	-9.2	-9.5	---	≤30.00	≤30.00	PASS	
Ant2	5710 UNII-3	---	-8.01	-8.36	---	≤30.00	≤30.00	PASS	
Ant3	5710 UNII-3	---	-7.47	-7.96	---	≤30.00	≤30.00	PASS	
Ant4	5710 UNII-3	---	-6.75	-7.33	---	≤30.00	≤30.00	PASS	
total	5710 UNII-3	---	-1.75	-2.20	---	≤24.92	≤24.92	PASS	
11AC80-CDD	Ant1	5210	---	-4.19	-3.7	---	≤17.00	≤17.00	PASS
	Ant2	5210	---	-4.84	-3.51	---	≤17.00	≤17.00	PASS
	Ant3	5210	---	-5.36	-5.18	---	≤17.00	≤17.00	PASS
	Ant4	5210	---	-4.36	-3.78	---	≤17.00	≤17.00	PASS
	total	5210	---	1.36	2.03	---	≤11.93	≤11.93	PASS
	Ant1	5290	---	-3.17	-3.78	---	≤11.00	≤11.00	PASS
	Ant2	5290	---	-4.16	-3.93	---	≤11.00	≤11.00	PASS
	Ant3	5290	---	-5.2	-5.4	---	≤11.00	≤11.00	PASS
	Ant4	5290	---	-3.36	-3.66	---	≤11.00	≤11.00	PASS
	total	5290	---	2.12	1.88	---	≤5.93	≤5.93	PASS
	Ant1	5530	---	-5.02	-4	---	≤11.00	≤11.00	PASS
	Ant2	5530	---	-5.42	-2.86	---	≤11.00	≤11.00	PASS
	Ant3	5530	---	-5.61	-3.78	---	≤11.00	≤11.00	PASS
	Ant4	5530	---	-4.39	-2.49	---	≤11.00	≤11.00	PASS
	total	5530	---	0.94	2.78	---	≤5.76	≤5.76	PASS
	Ant1	5610	---	-5.03	-3.48	---	≤11.00	≤11.00	PASS
	Ant2	5610	---	-5.5	-3.82	---	≤11.00	≤11.00	PASS
	Ant3	5610	---	-6.15	-4.52	---	≤11.00	≤11.00	PASS
	Ant4	5610	---	-5.77	-4.03	---	≤11.00	≤11.00	PASS
	total	5610	---	0.43	2.07	---	≤5.76	≤5.76	PASS
	Ant1	5690 UNII-2C	---	-7	-6.65	---	≤11.00	≤11.00	PASS
	Ant2	5690 UNII-2C	---	-6.37	-5.33	---	≤11.00	≤11.00	PASS
	Ant3	5690 UNII-2C	---	-5.7	-5.37	---	≤11.00	≤11.00	PASS
	Ant4	5690 UNII-2C	---	-6.2	-5.76	---	≤11.00	≤11.00	PASS



total	5690 UNII-2C	---	-0.27	0.27	---	≤5.76	≤5.76	PASS
Ant1	5690 UNII-3	---	-15.54	-15.51	---	≤30.00	≤30.00	PASS
Ant2	5690 UNII-3	---	-13.9	-12.87	---	≤30.00	≤30.00	PASS
Ant3	5690 UNII-3	---	-12.41	-12.35	---	≤30.00	≤30.00	PASS
Ant4	5690 UNII-3	---	-13.57	-12.56	---	≤30.00	≤30.00	PASS
total	5690 UNII-3	---	-7.69	-7.13	---	≤24.92	≤24.92	PASS

Note: The Duty Cycle Factor is compensated in the graph.

U-NII-1: G<sub>ANT1</sub>=5.06dBi; G<sub>ANT2</sub>=4.71dBi; G<sub>ANT3</sub>=5.02dBi; G<sub>ANT4</sub>=5.41dBi.  
 U-NII-2A: G<sub>ANT1</sub>=5.06dBi; G<sub>ANT2</sub>=4.72dBi; G<sub>ANT3</sub>=5.39dBi; G<sub>ANT4</sub>=5.03dBi.  
 U-NII-2C: G<sub>ANT1</sub>=5.36dBi; G<sub>ANT2</sub>=5.06dBi; G<sub>ANT3</sub>=5.34dBi; G<sub>ANT4</sub>=5.10dBi.  
 U-NII-3: G<sub>ANT1</sub>=5.23dBi; G<sub>ANT2</sub>=4.97dBi; G<sub>ANT3</sub>=5.10dBi; G<sub>ANT4</sub>=4.94dBi.

For SISO Mode:

The Antenna gain < 6dBi, The PSD Limit=PSD<sub>limit</sub>

For Beamforming&CDD Mode:

Directional gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / 4]$ ;

U-NII-1: Directional gain=11.07dBi, So the PSD limit=17-(11.07-6)dBm/MHz = 11.93dBm/MHz

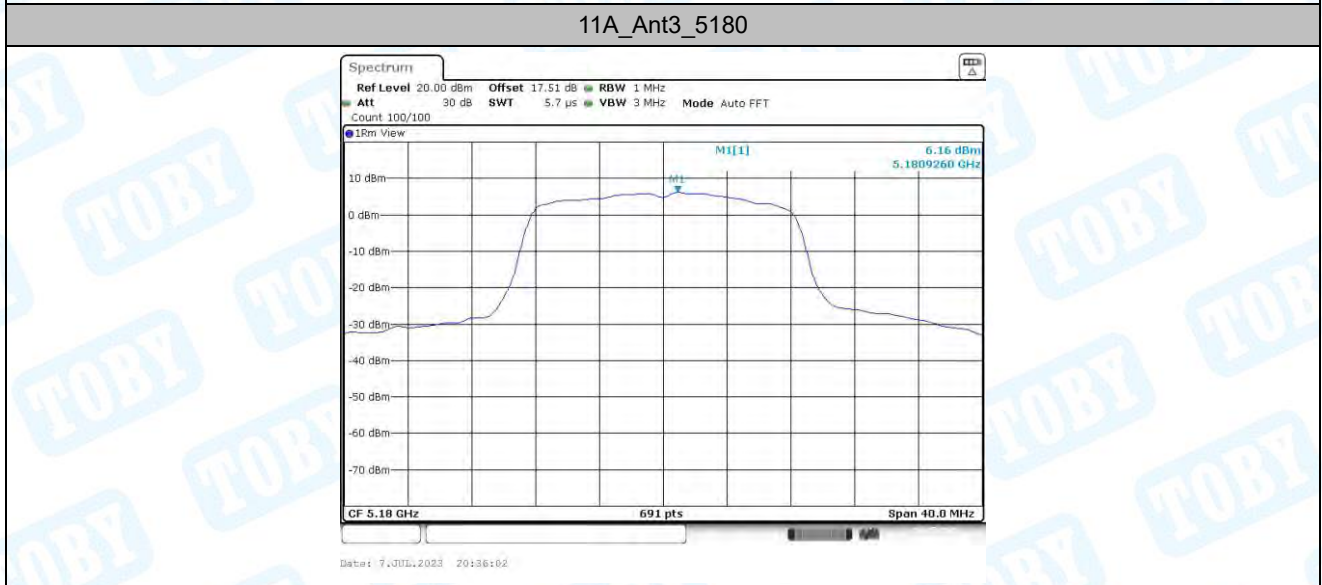
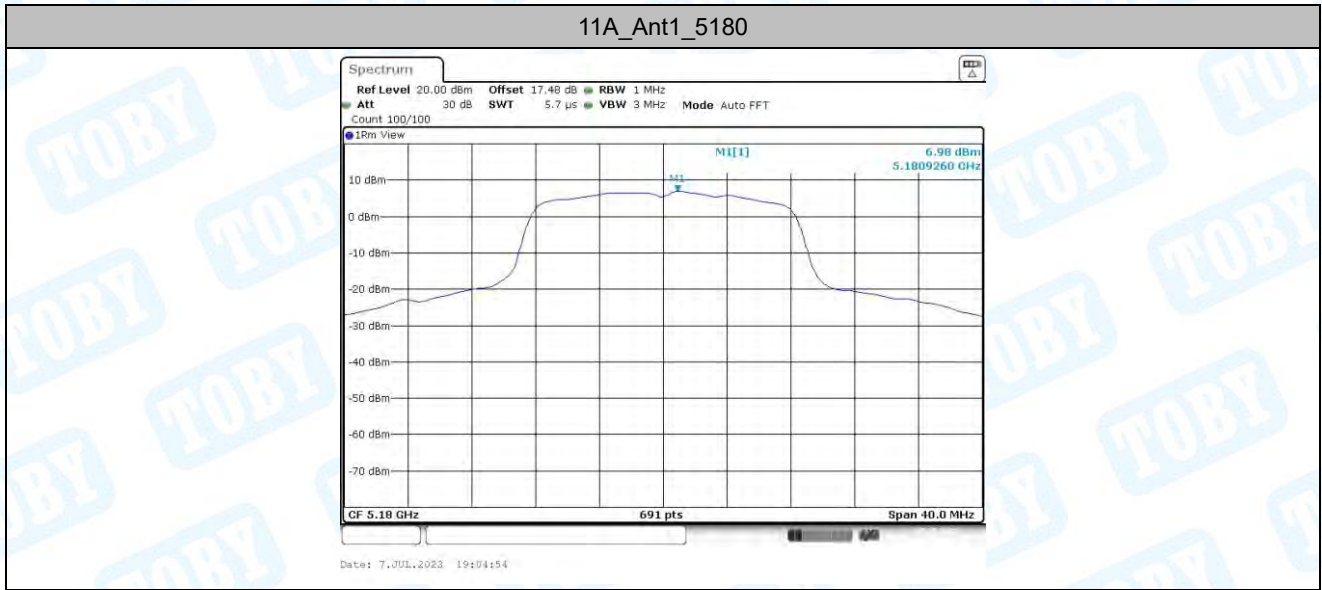
U-NII-2A: Directional gain=11.07dBi, So the PSD limit=11-(11.07-6)dBm/MHz = 5.93dBm/MHz

U-NII-2C: Directional gain=11.24dBi, So the PSD limit=11-(11.24-6)dBm/MHz = 5.76dBm/MHz

U-NII-3: Directional gain=11.08dBi, So the PSD limit=30-(11.08-6)dBm/500kHz=24.92dBm/500kHz



## 4.2. Test Graphs

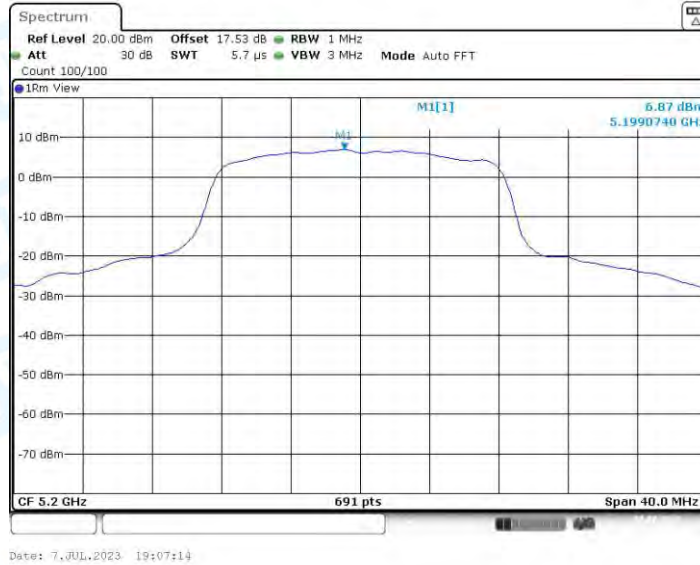




11A\_Ant4\_5180



11A\_Ant1\_5200

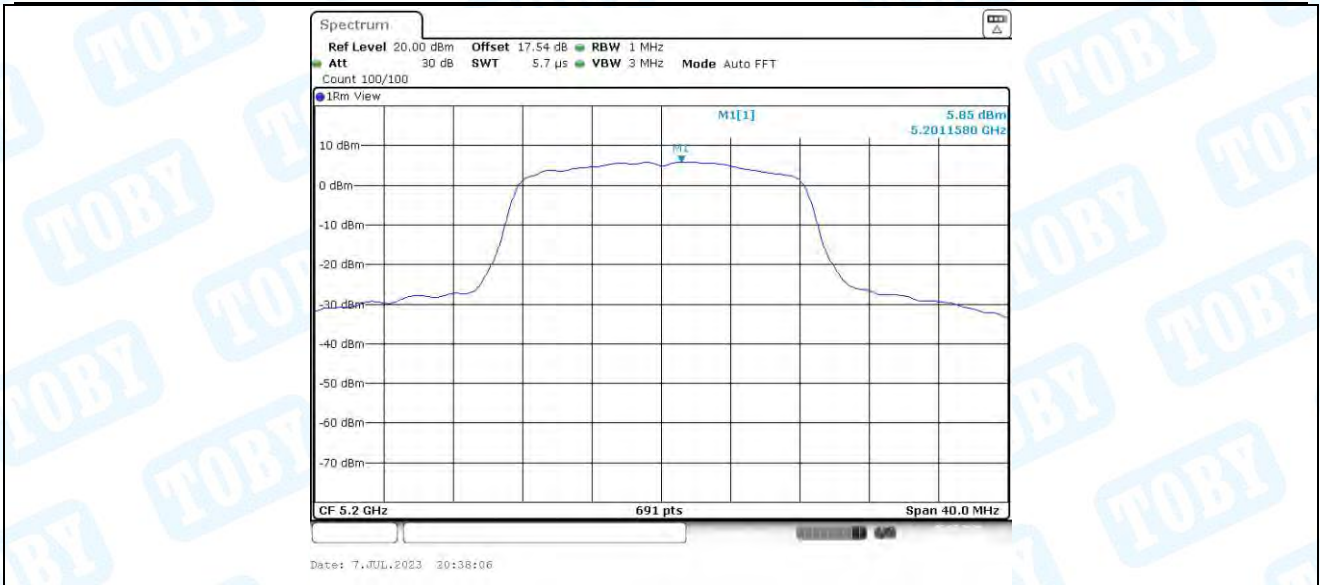


11A\_Ant2\_5200

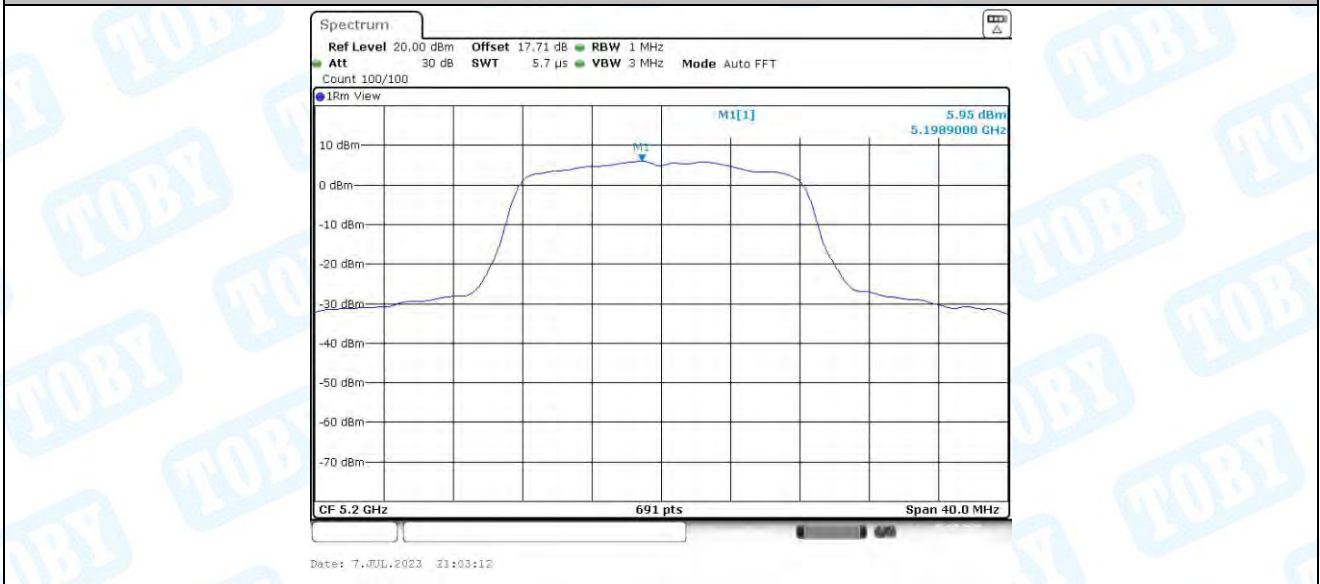


11A\_Ant3\_5200

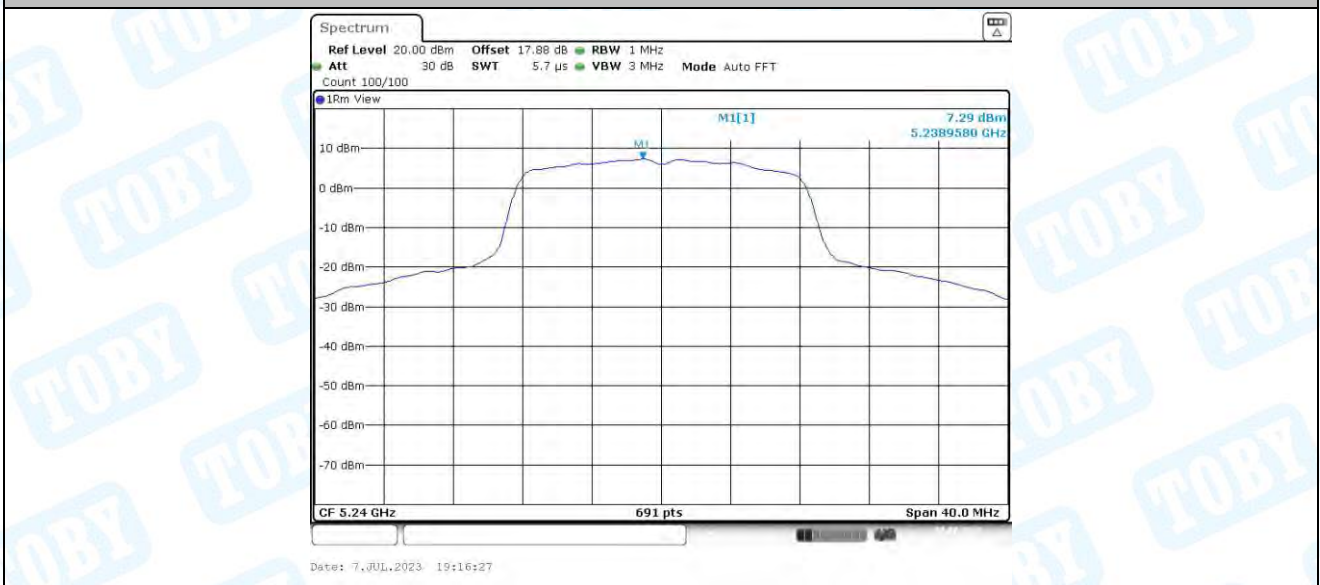




11A\_Ant4\_5200



11A\_Ant1\_5240

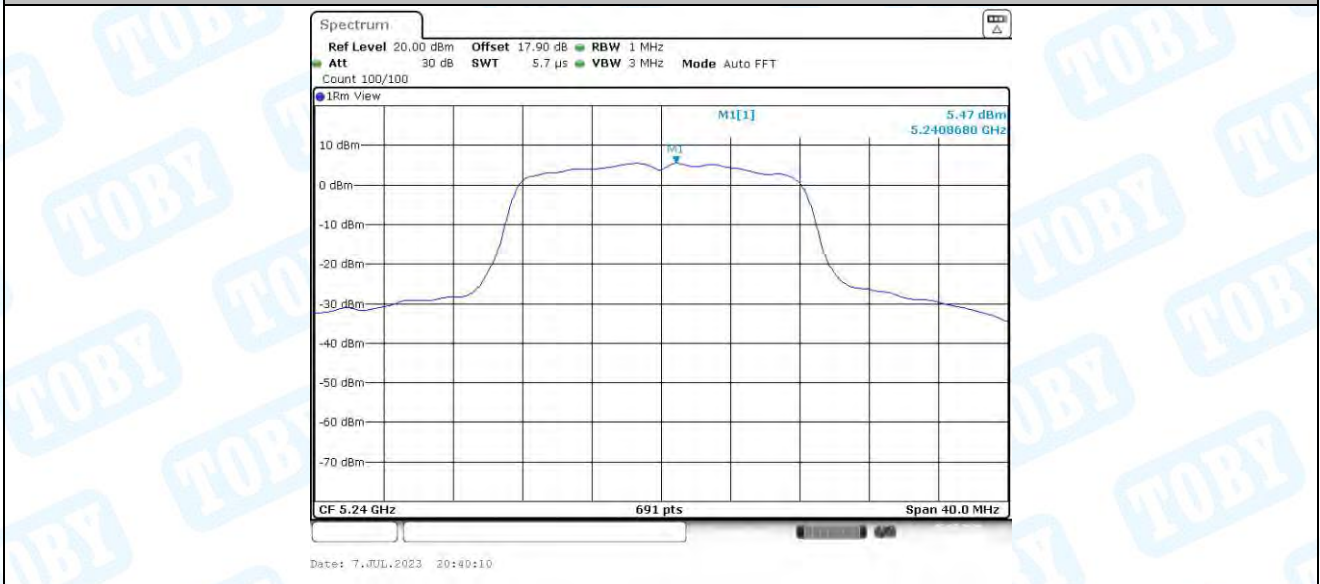


11A\_Ant2\_5240





11A\_Ant3\_5240

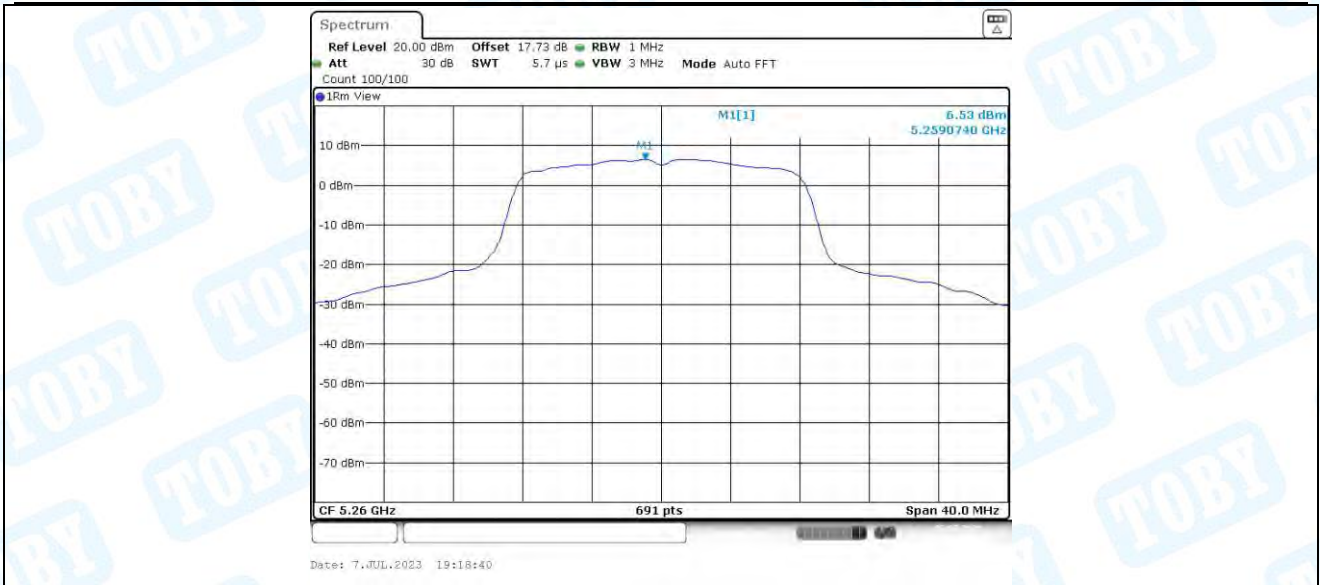


11A\_Ant4\_5240



11A\_Ant1\_5260

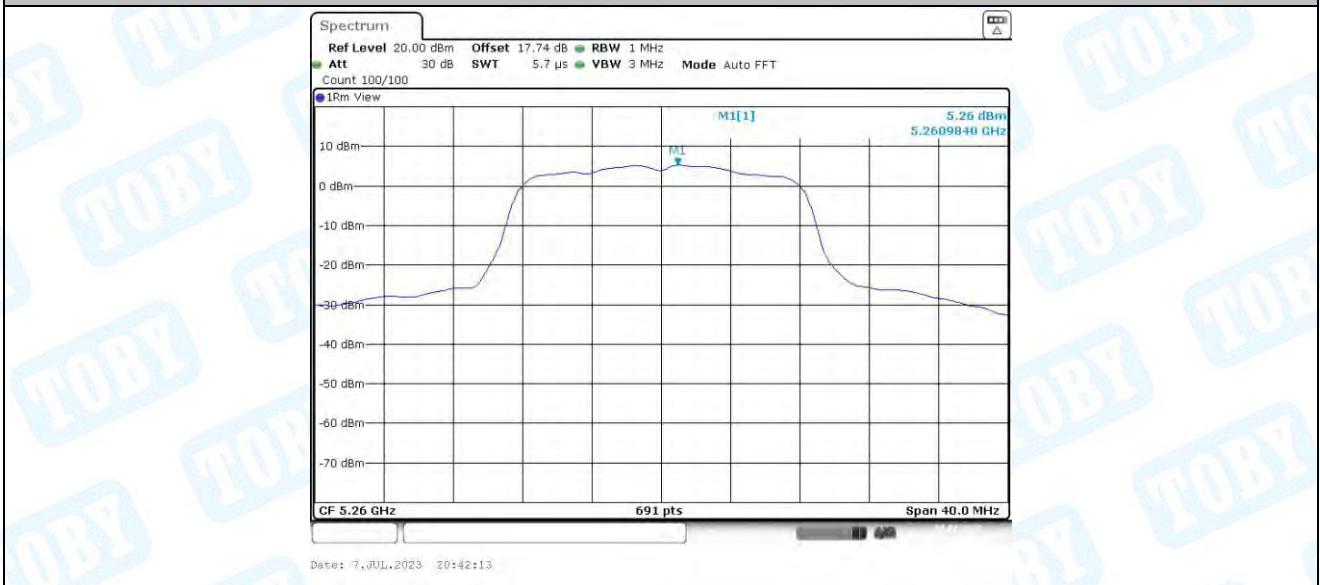




11A\_Ant2\_5260



11A\_Ant3\_5260

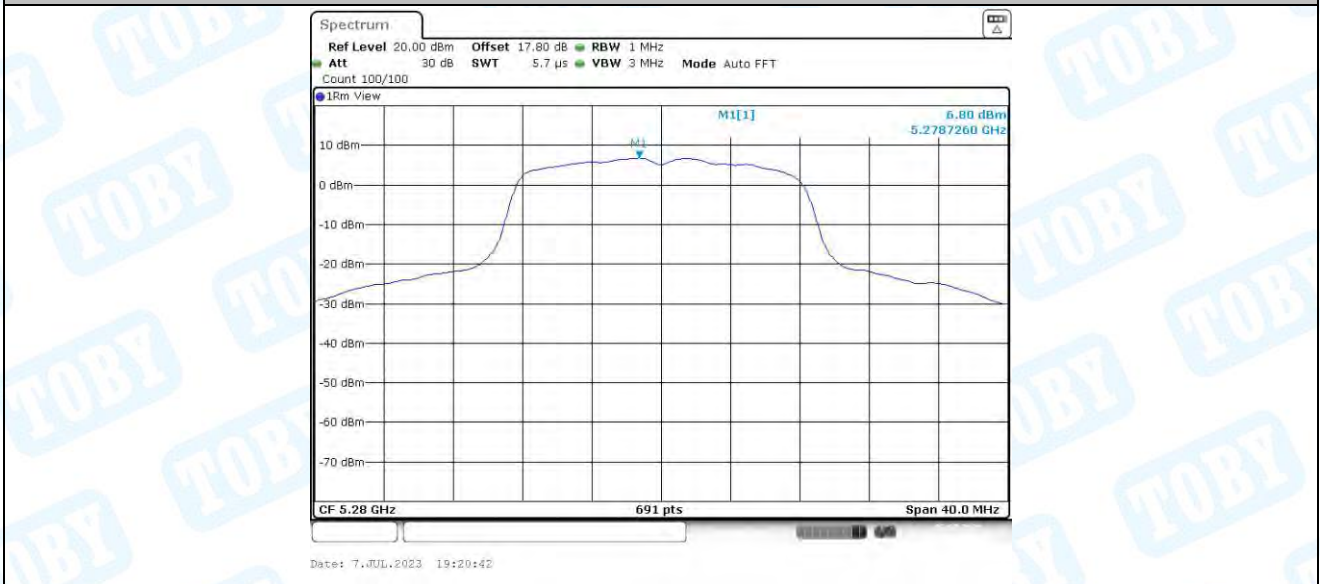


11A\_Ant4\_5260





11A\_Ant1\_5280

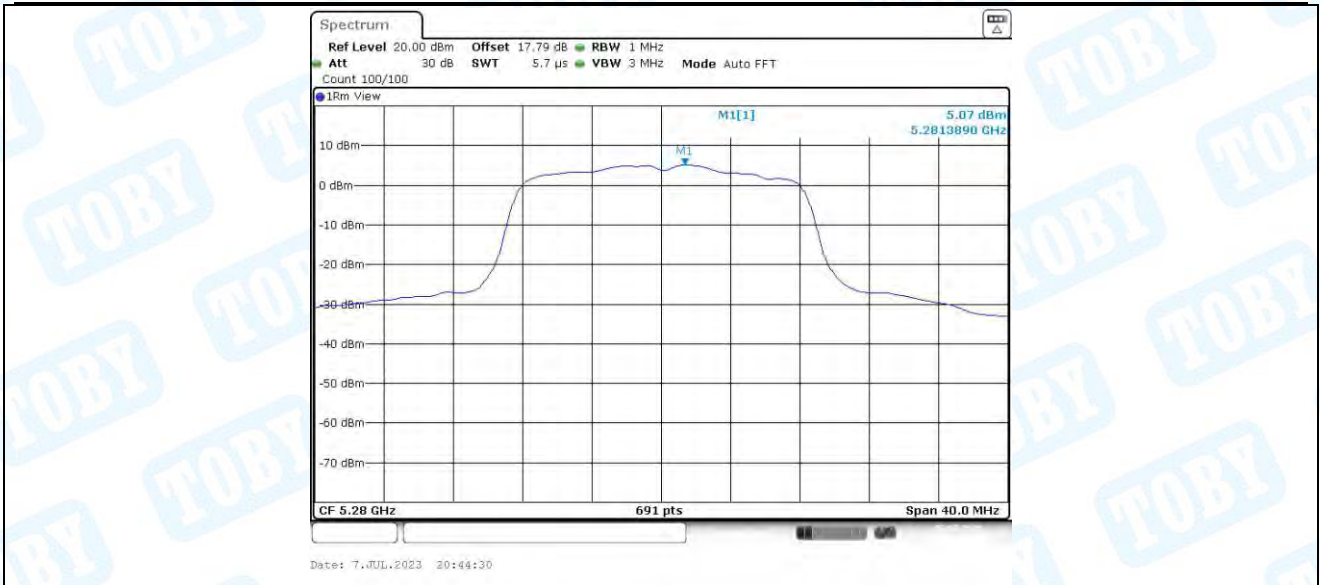


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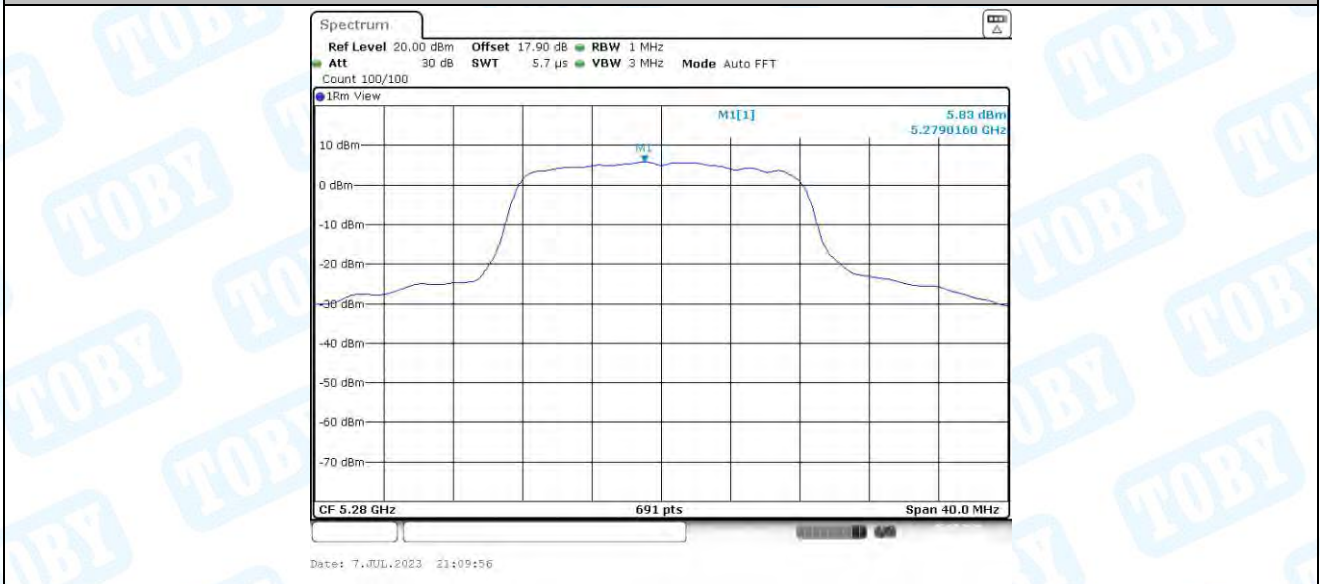


11A\_Ant3\_5280

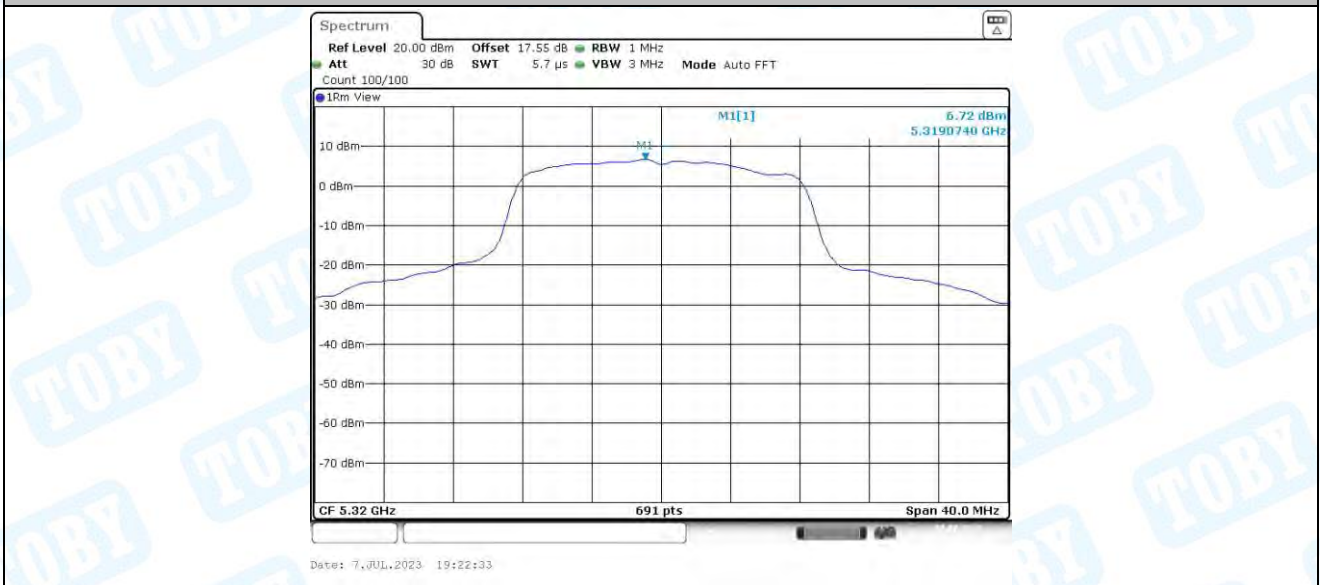




11A\_Ant4\_5280

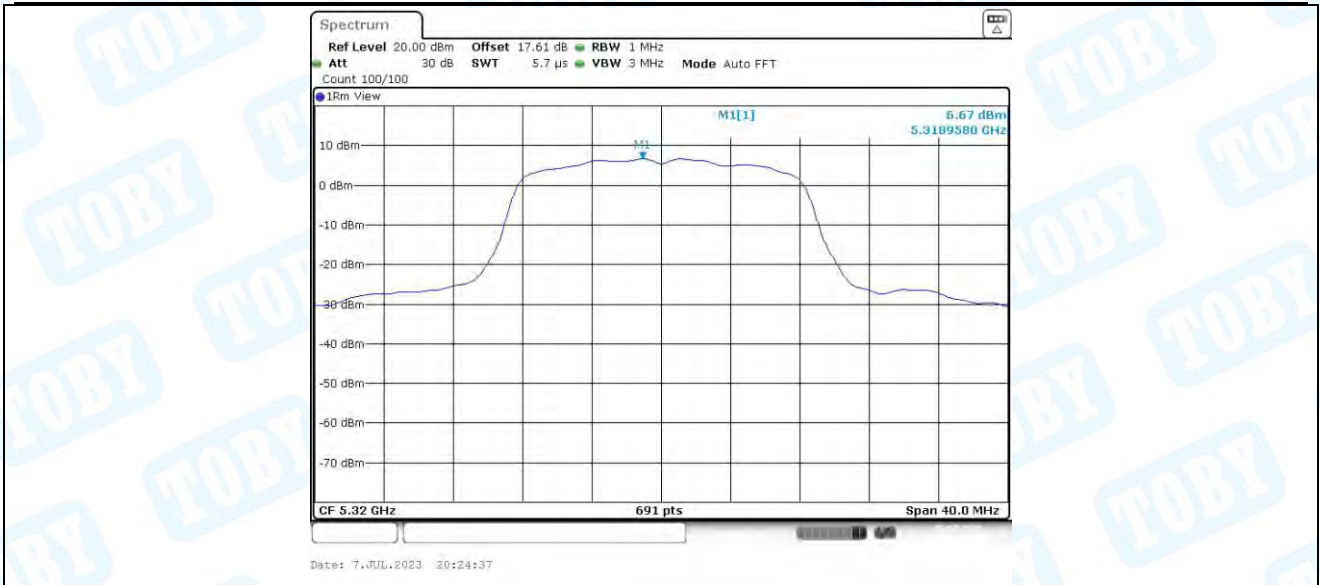


11A\_Ant1\_5320



11A\_Ant2\_5320





11A\_Ant3\_5320

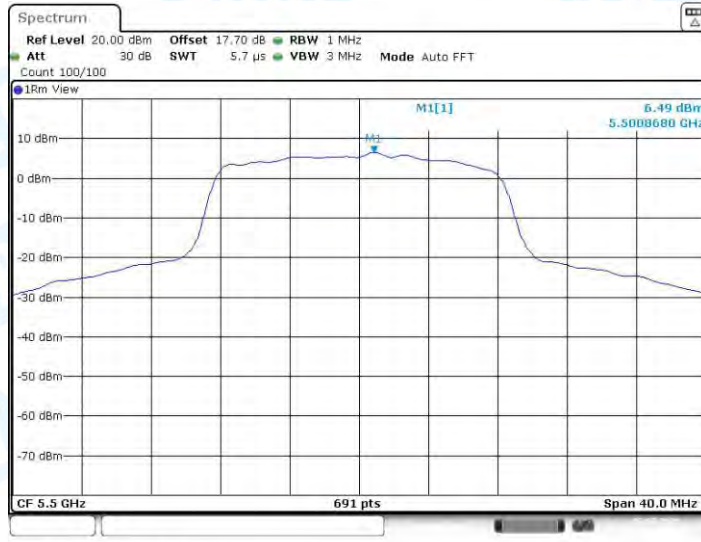


11A\_Ant4\_5320



11A\_Ant1\_5500





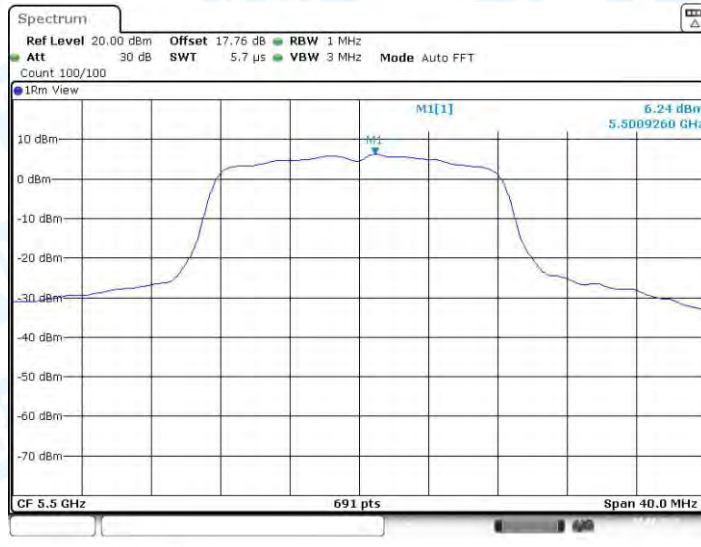
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11A\_Ant2\_5500



Date: 7.JUL.2023 20:26:59

11A\_Ant3\_5500



Date: 7.JUL.2023 20:49:57

11A\_Ant4\_5500

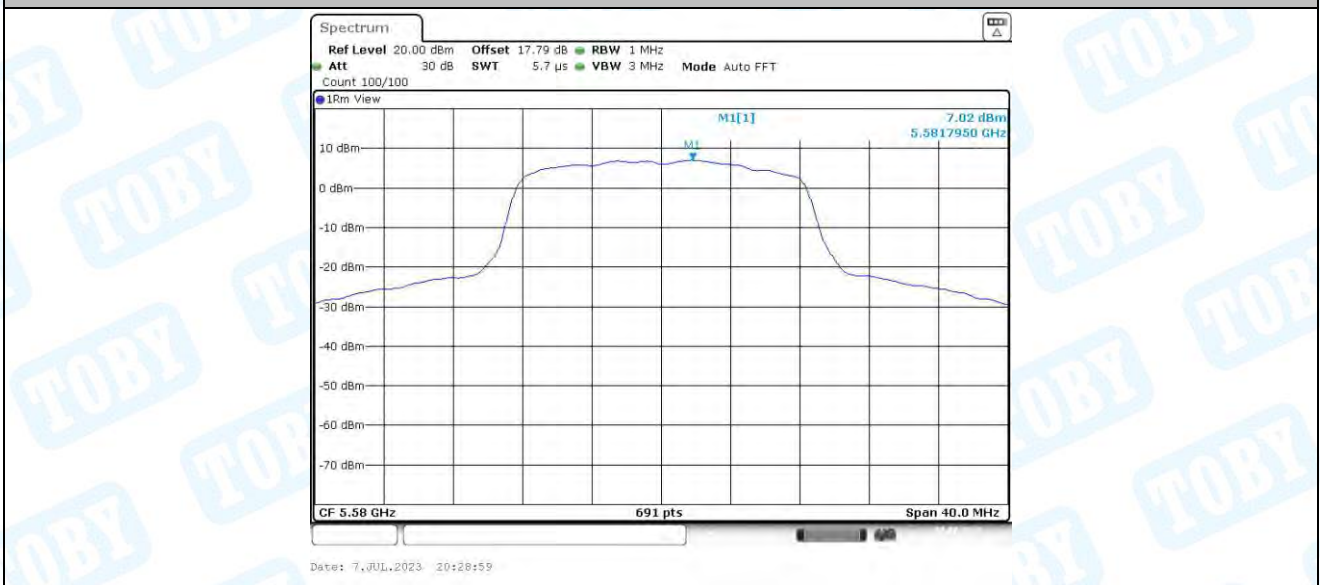




11A\_Ant1\_5580

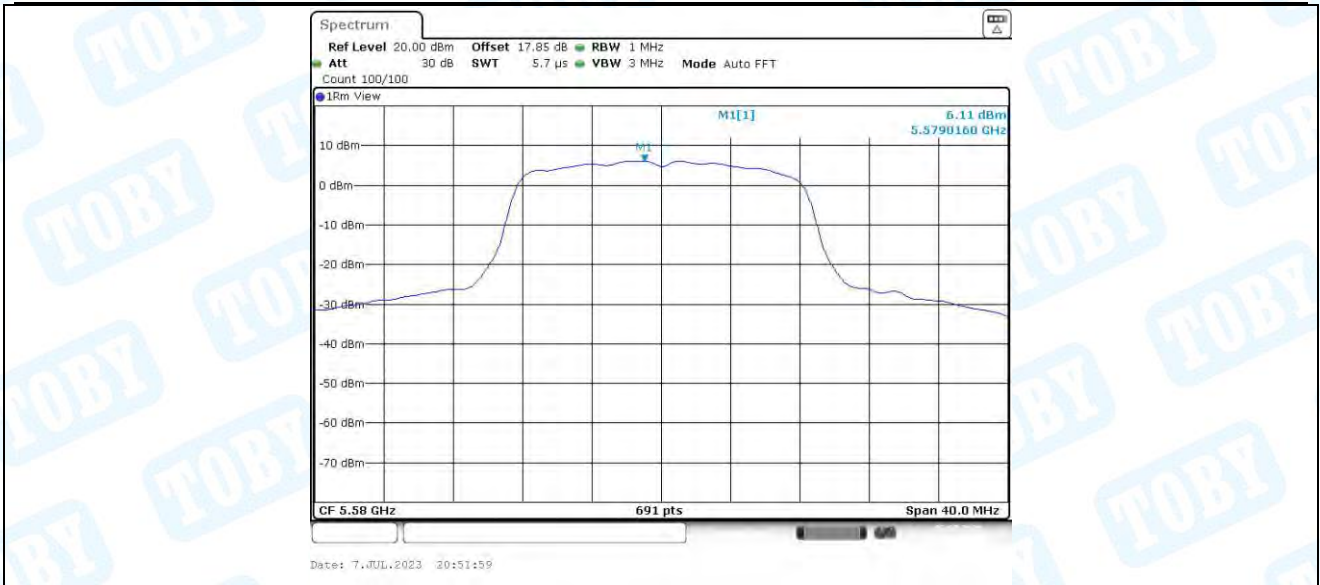


11A\_Ant2\_5580

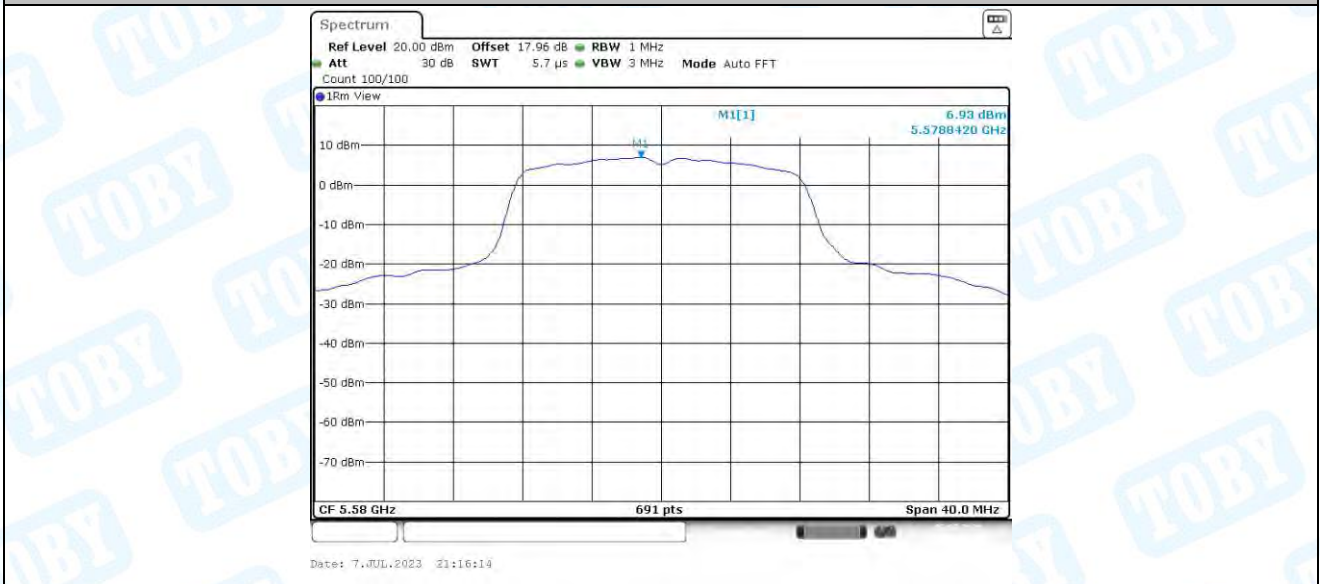


11A\_Ant3\_5580





11A\_Ant4\_5580

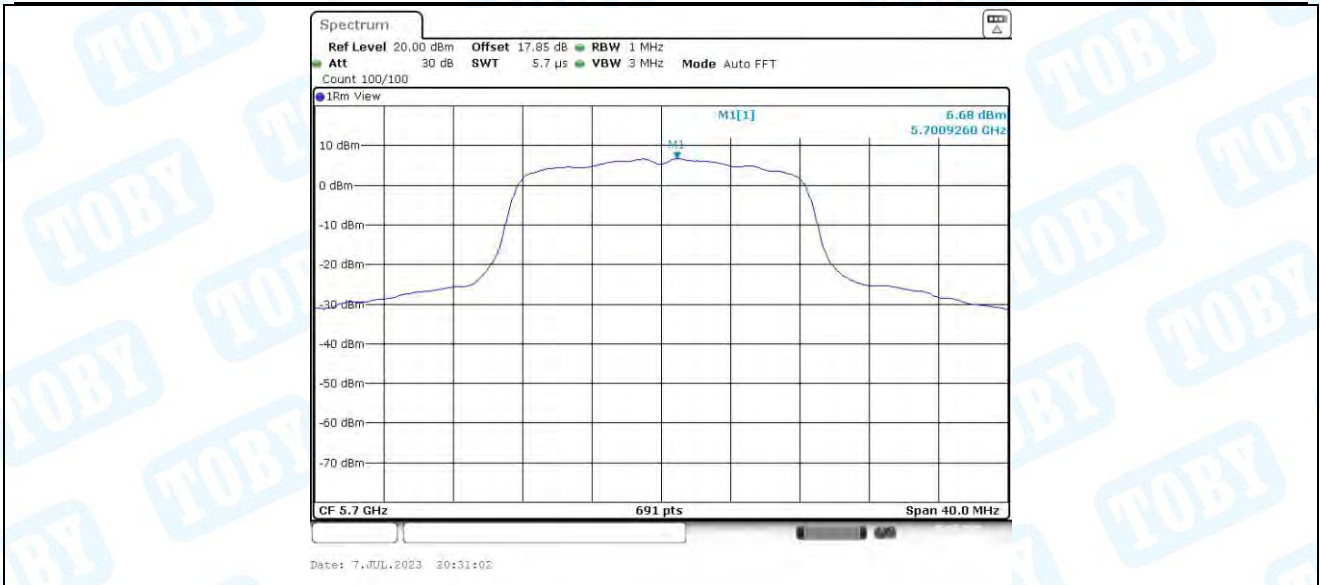


11A\_Ant1\_5700



11A\_Ant2\_5700

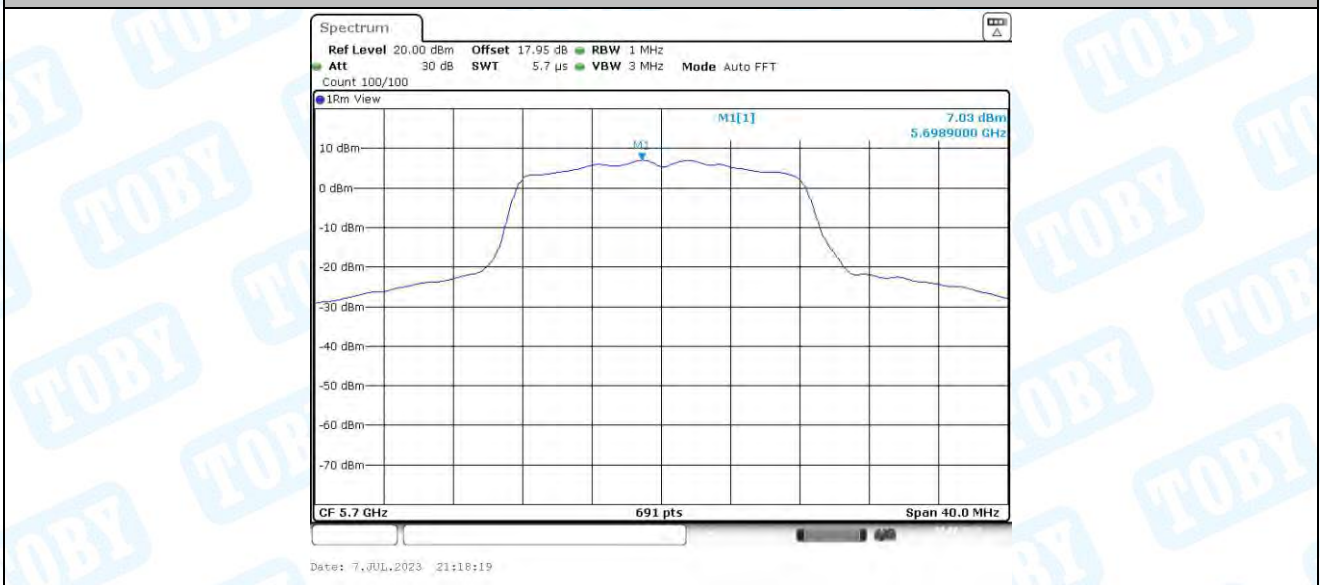




11A\_Ant3\_5700

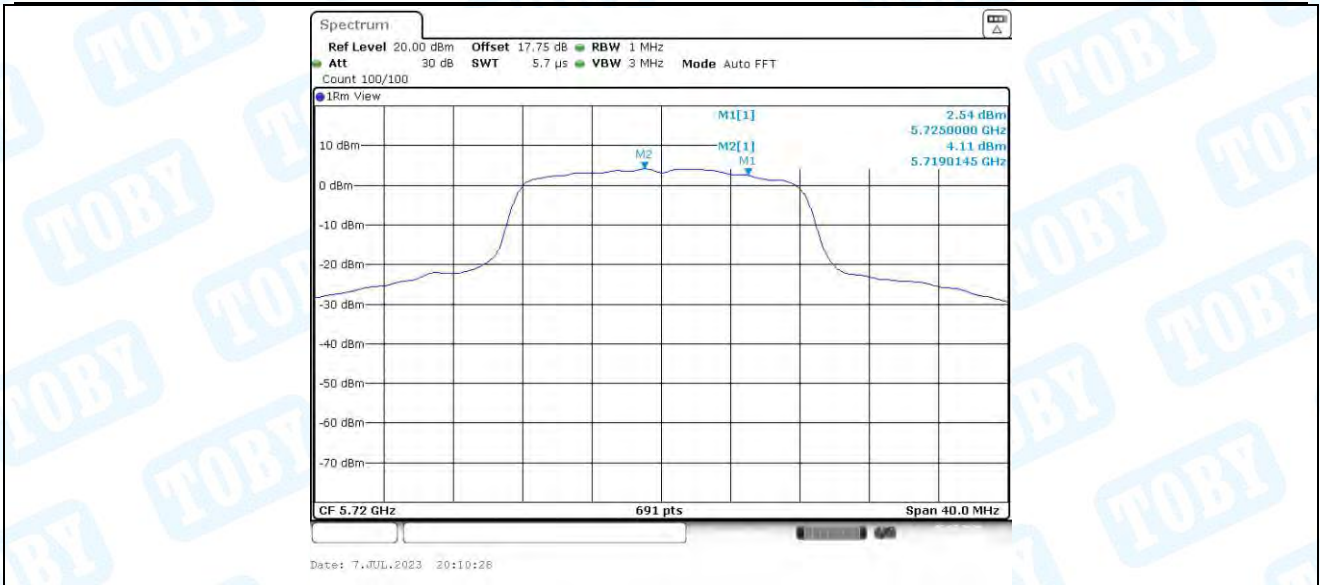


11A\_Ant4\_5700

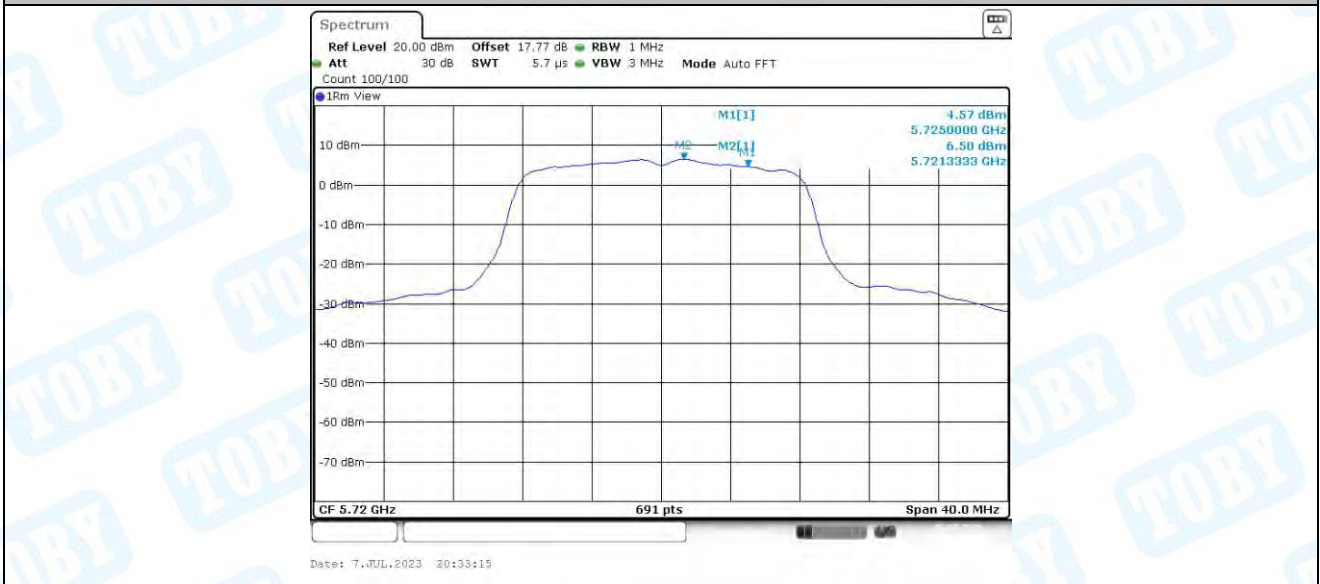


11A\_Ant1\_5720\_UNII-2C

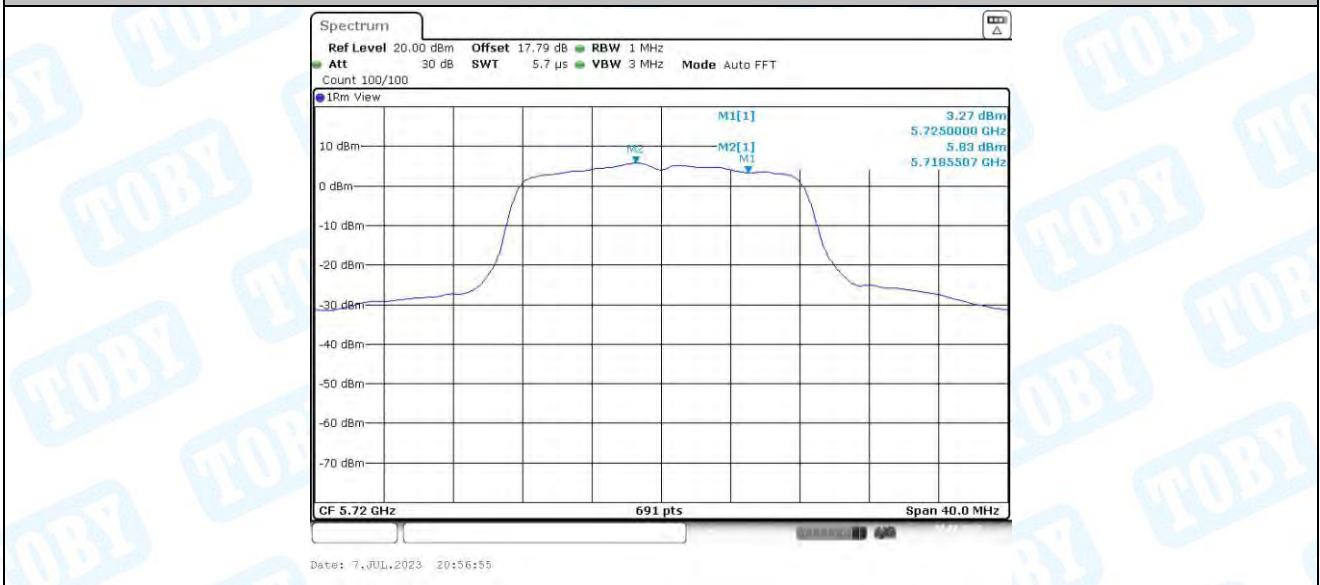




11A\_Ant2\_5720\_UNII-2C



11A\_Ant3\_5720\_UNII-2C



11A\_Ant4\_5720\_UNII-2C

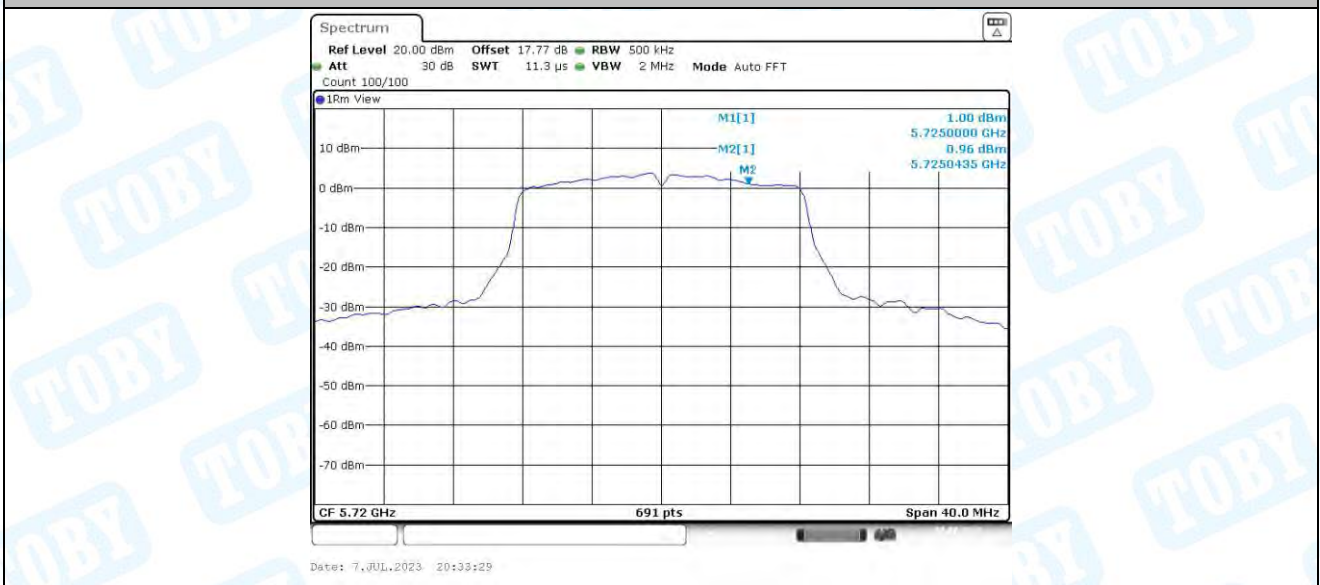




11A\_Ant1\_5720\_UNII-3



11A\_Ant2\_5720\_UNII-3

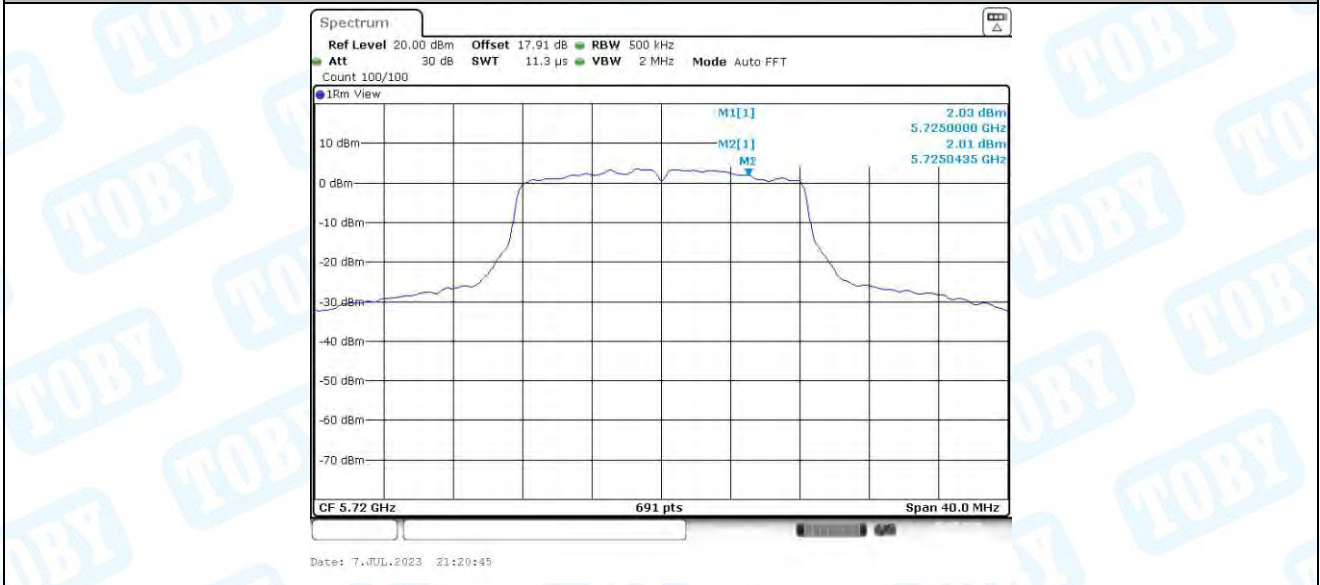


11A\_Ant3\_5720\_UNII-3

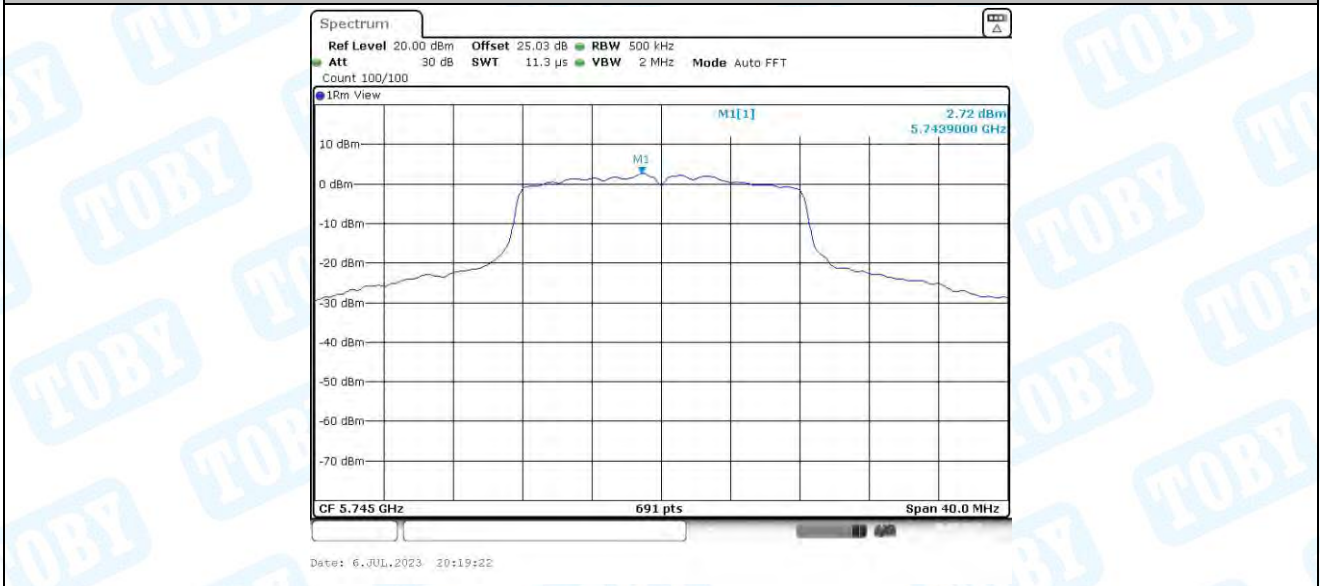




11A\_Ant4\_5720\_UNII-3



11A\_Ant1\_5745

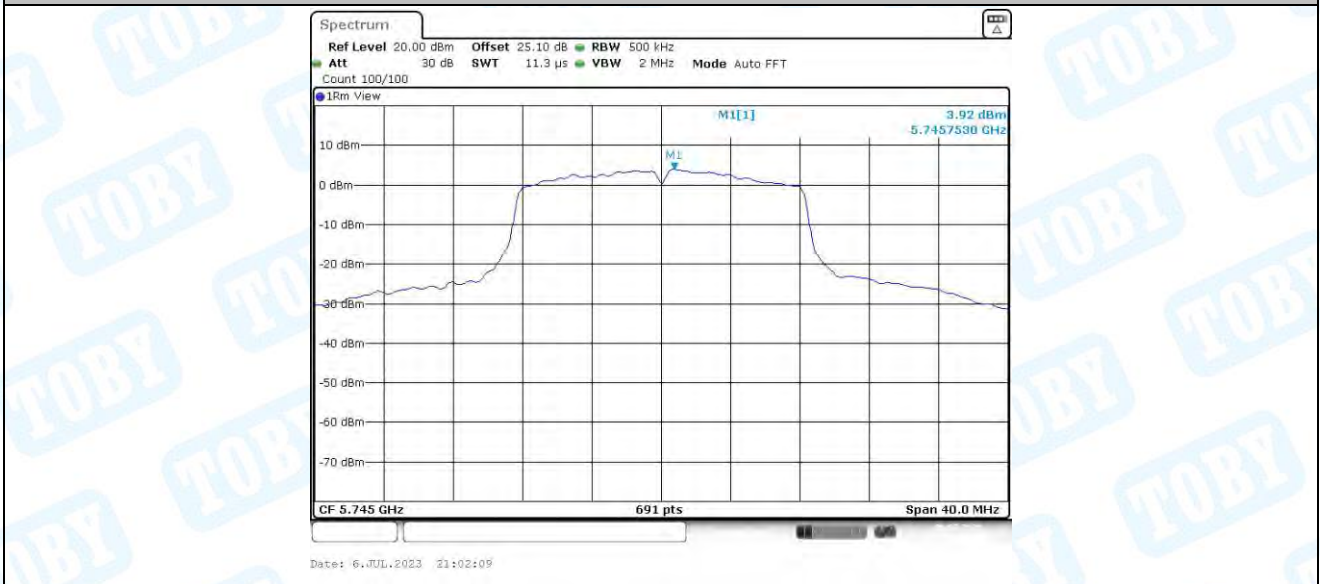


11A\_Ant2\_5745

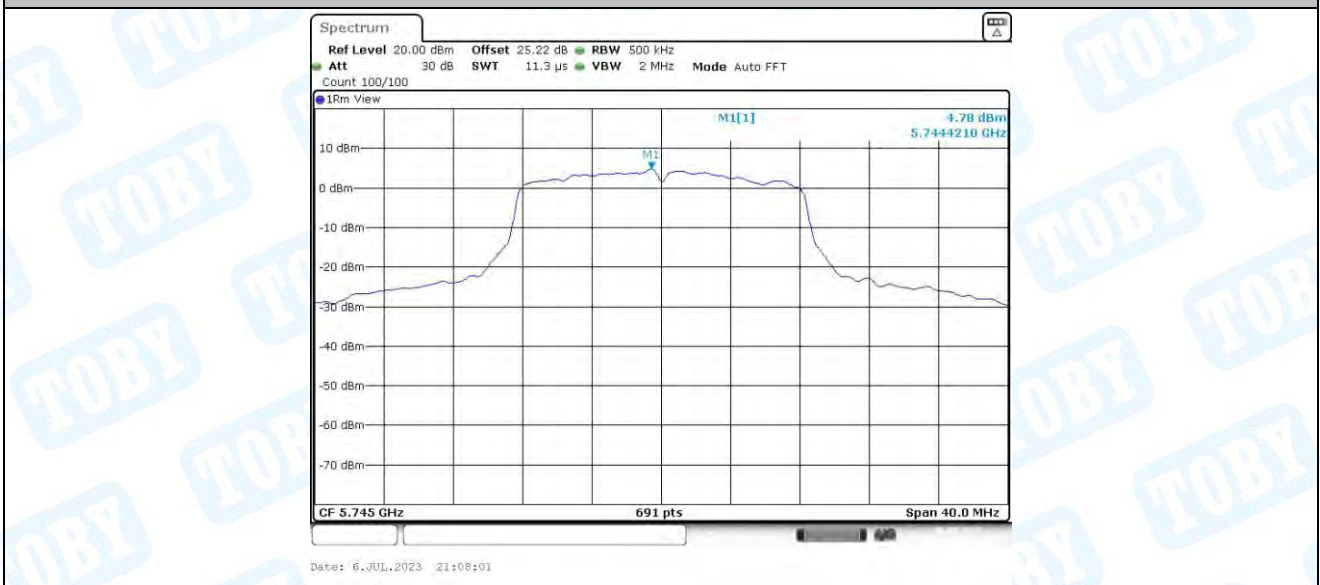




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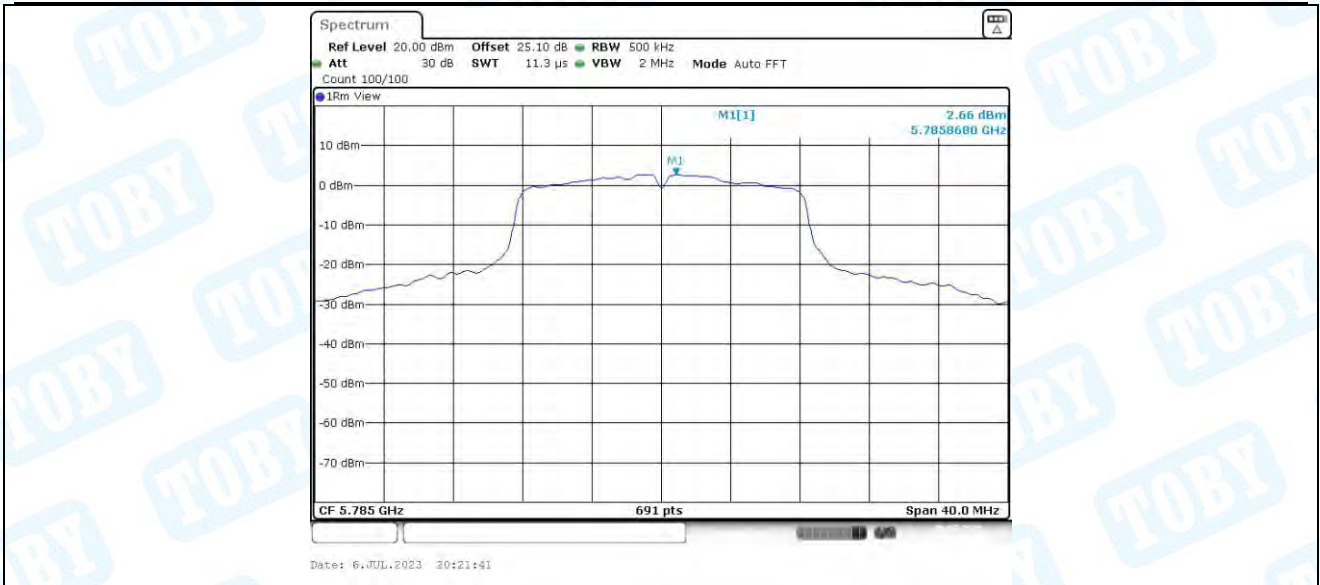


11A\_Ant4\_5745

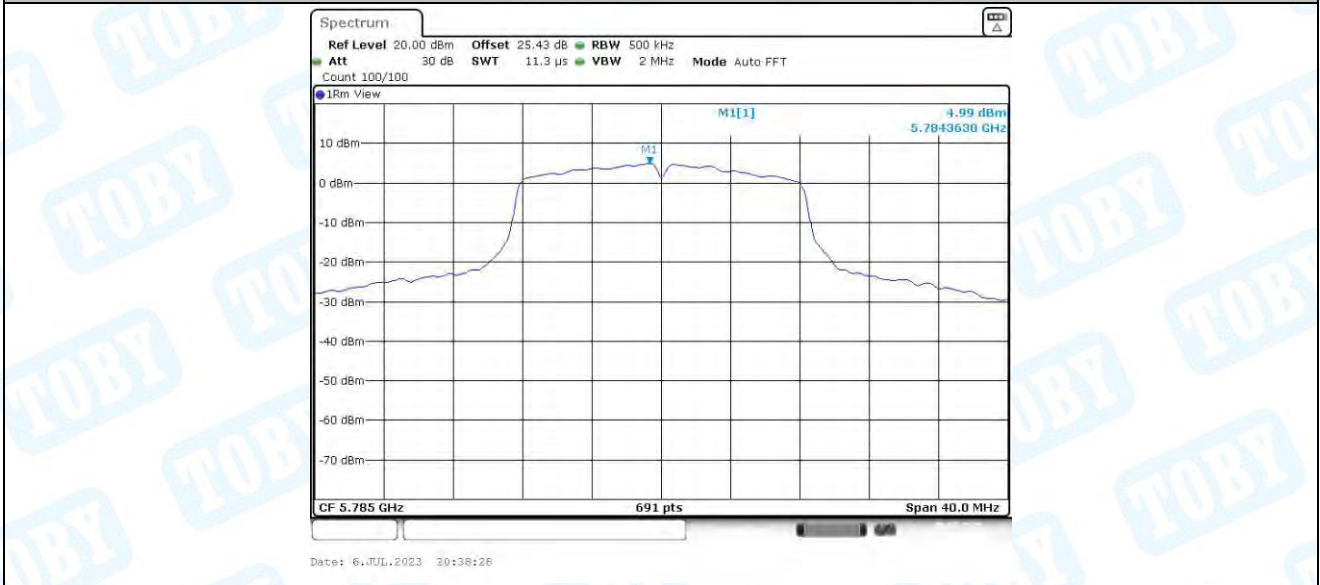


11A\_Ant1\_5785

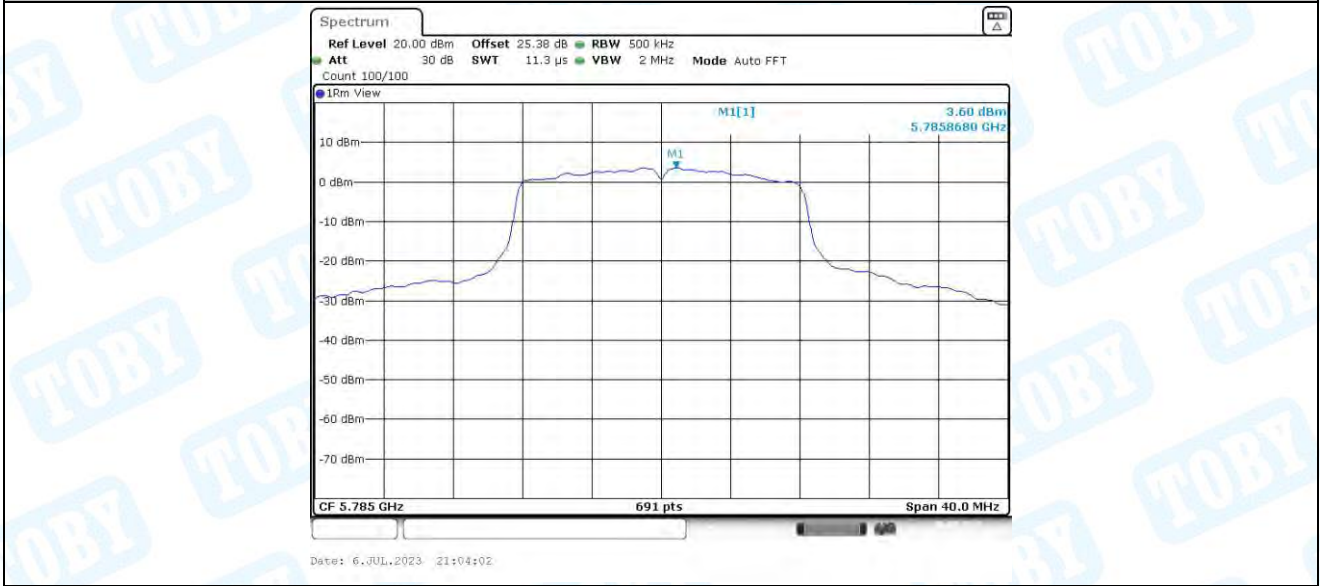




11A\_Ant2\_5785

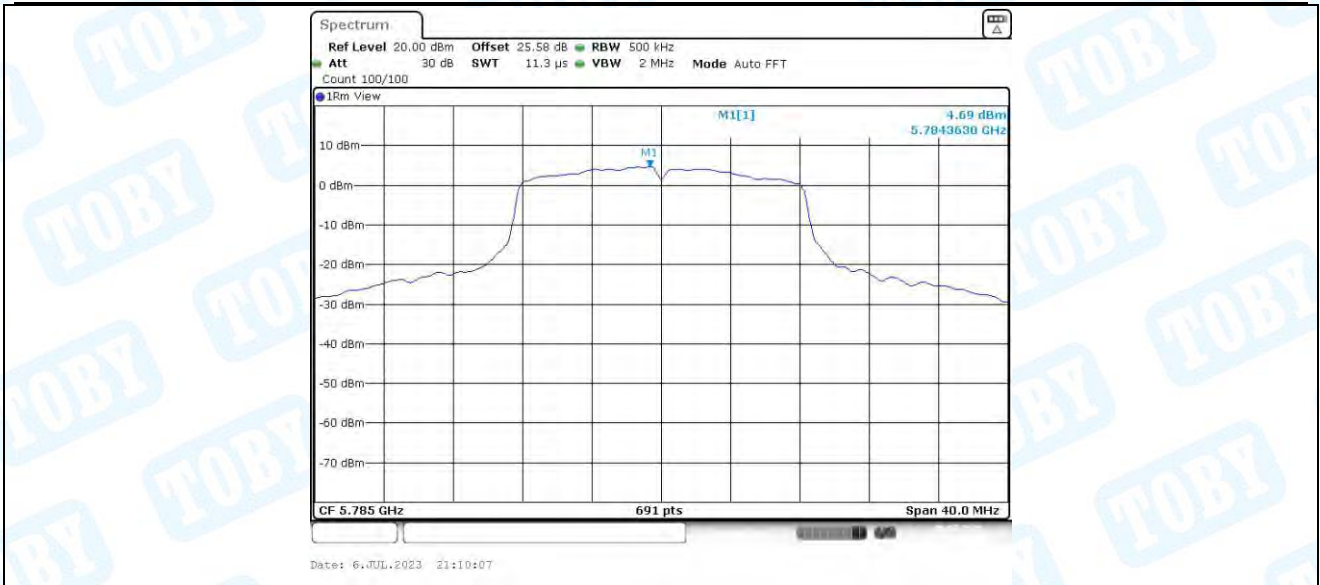


11A\_Ant3\_5785

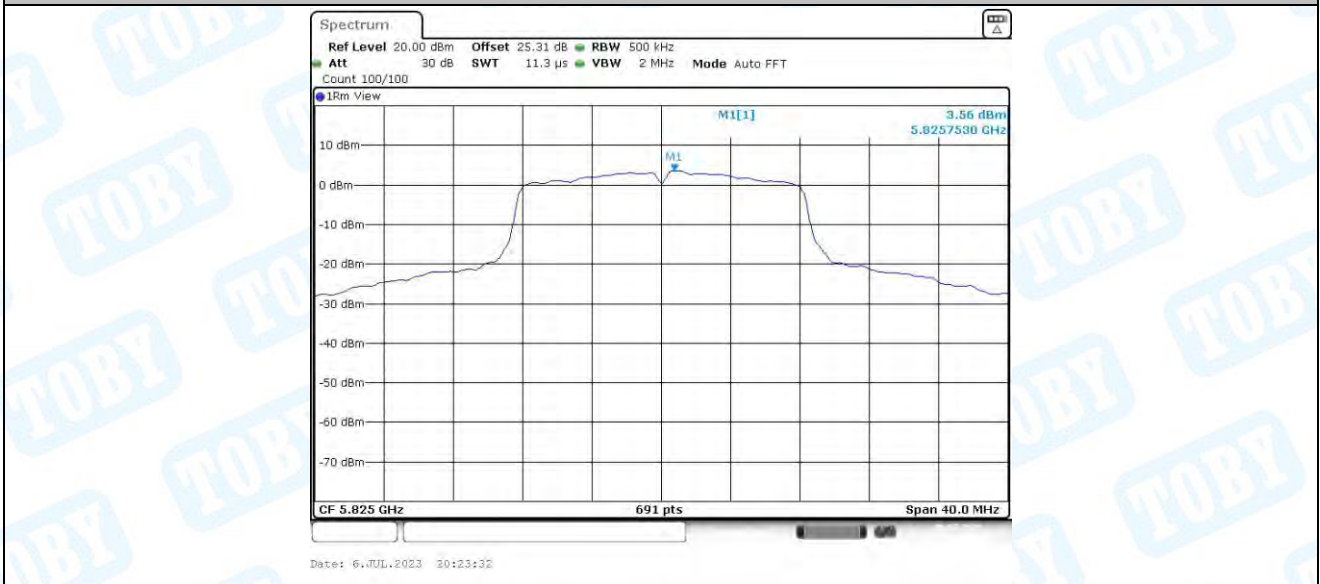


11A\_Ant4\_5785

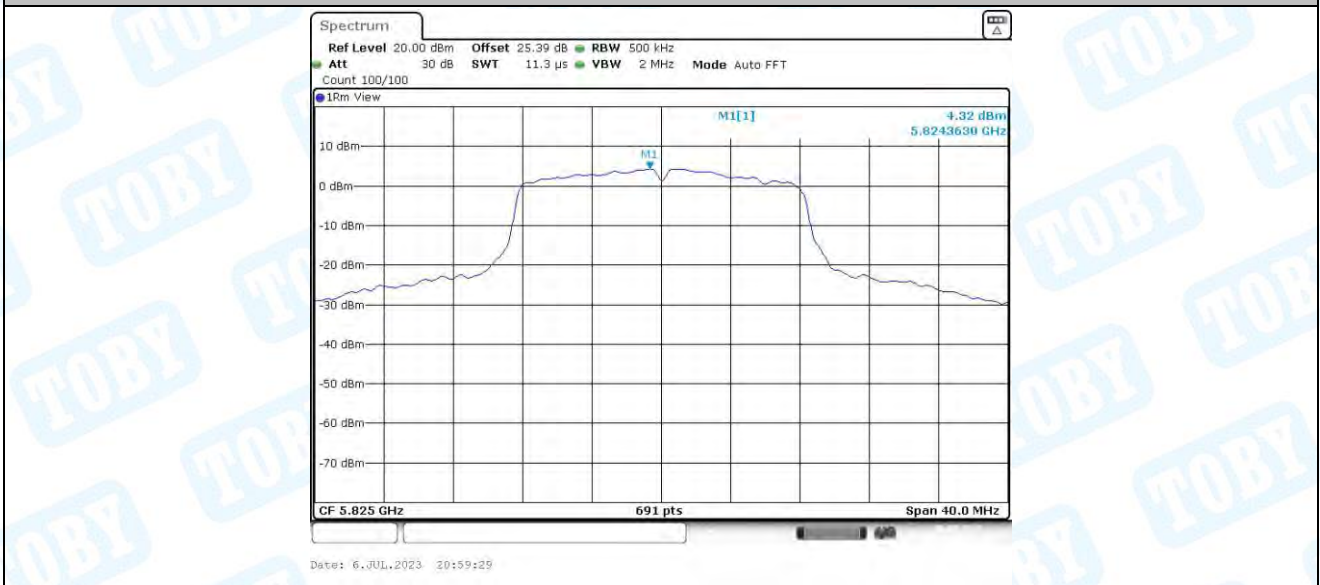




11A\_Ant1\_5825

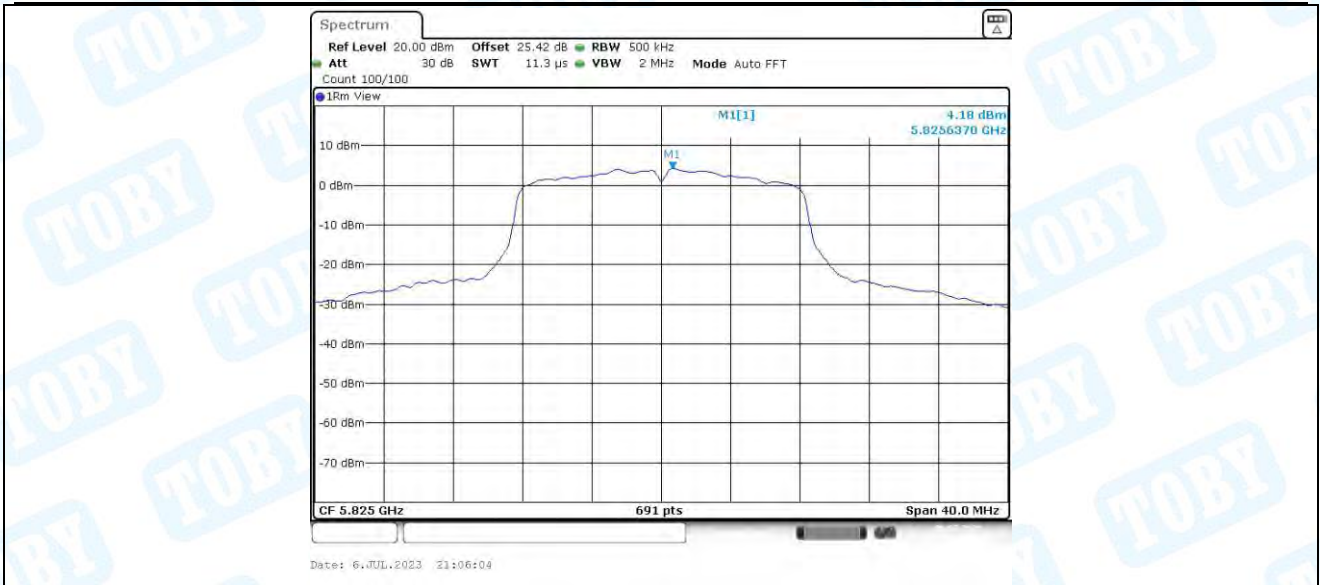


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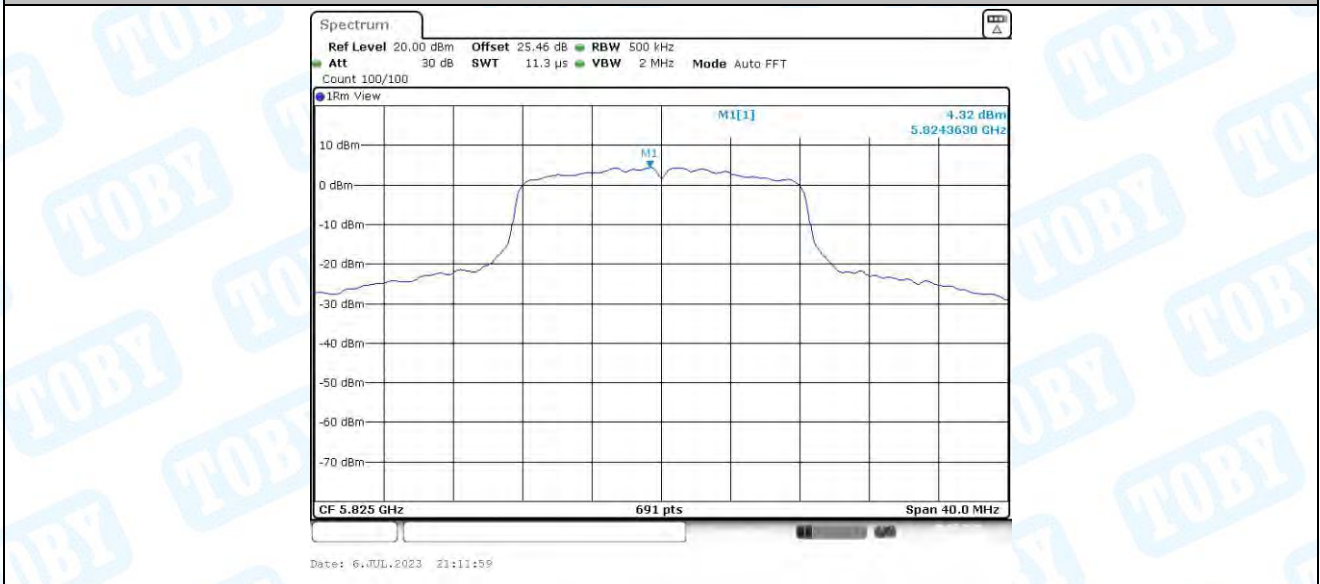


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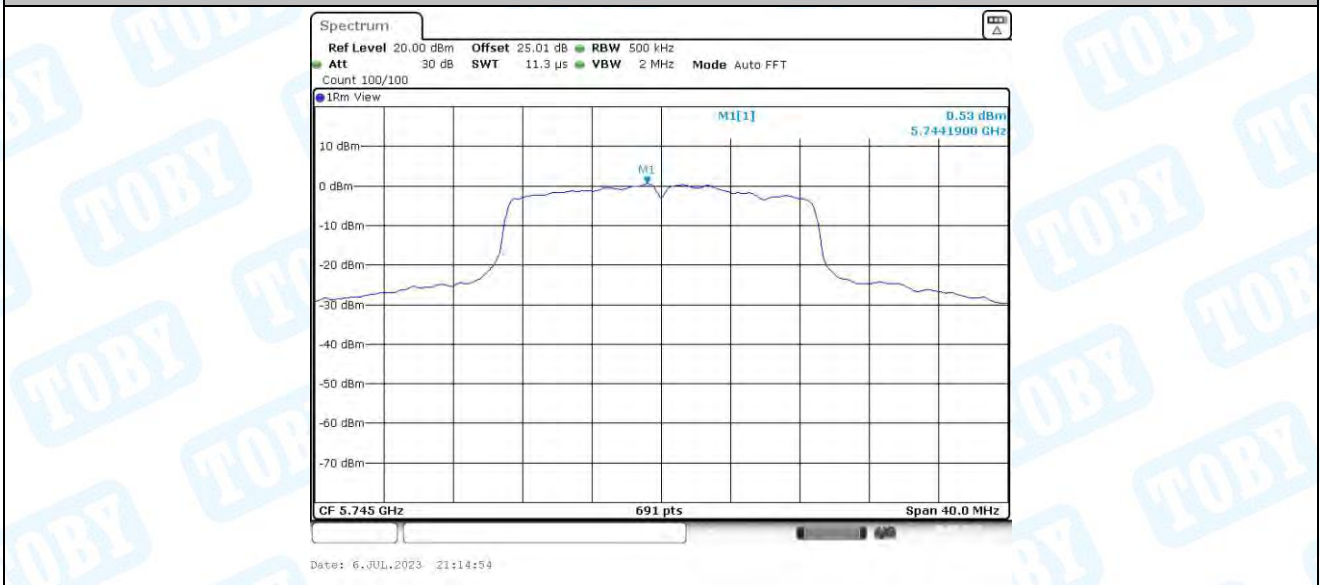




11A\_Ant4\_5825

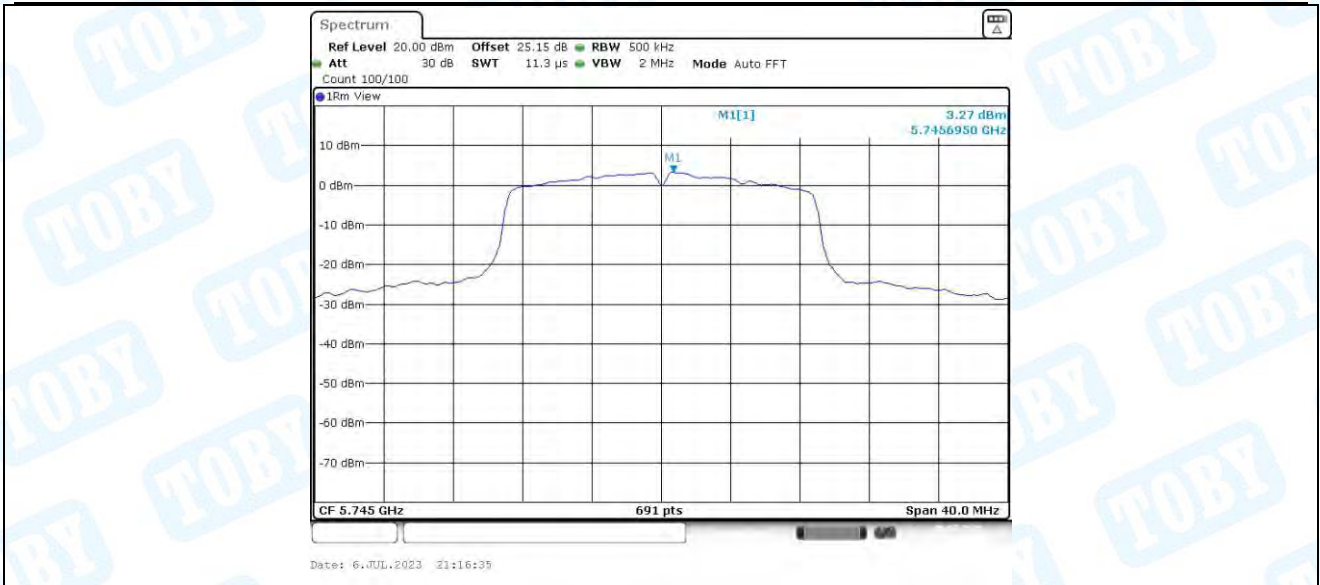


11N20-CDD\_Ant1\_5745



11N20-CDD\_Ant2\_5745

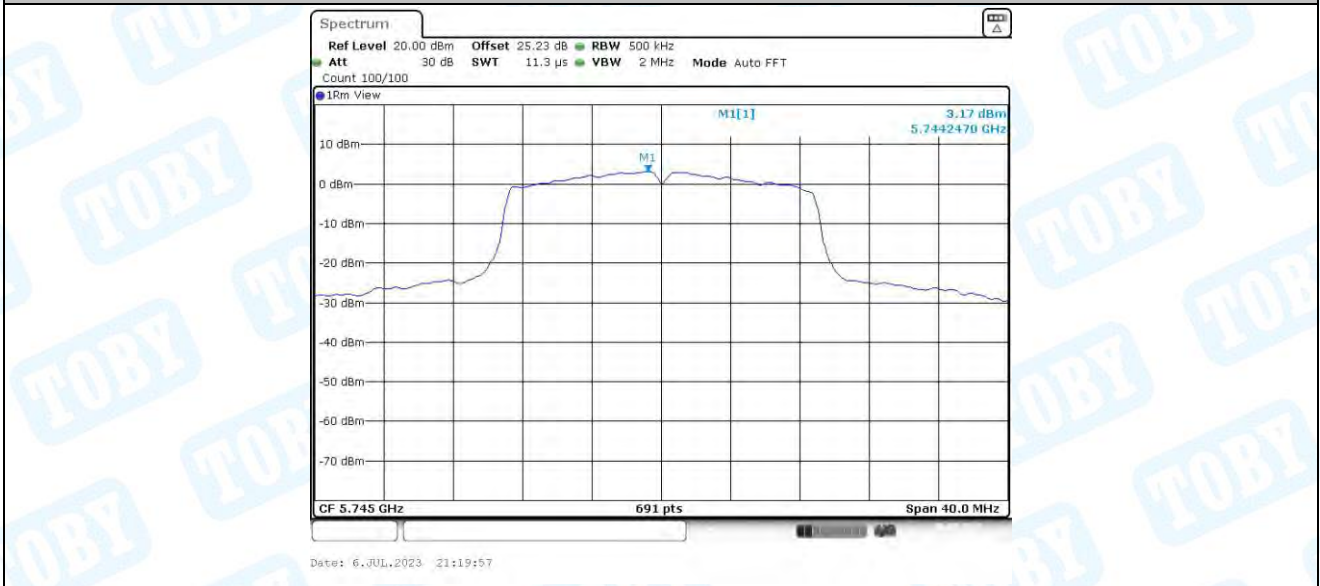




11N20-CDD\_Ant3\_5745



11N20-CDD\_Ant4\_5745

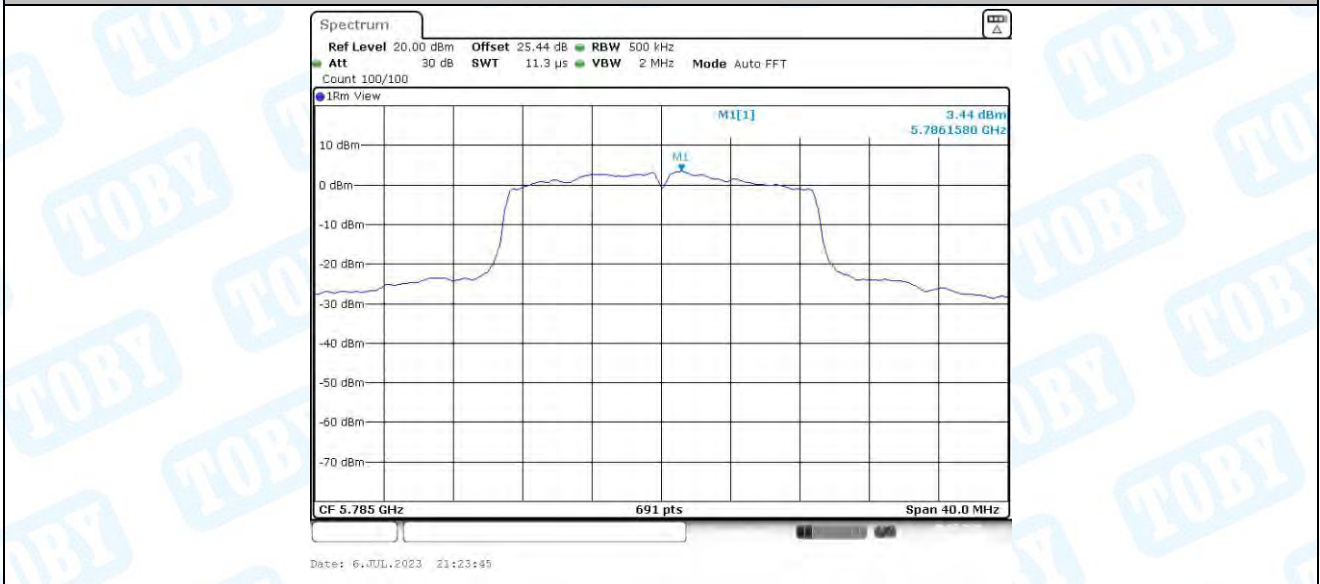


11N20-CDD\_Ant1\_5785

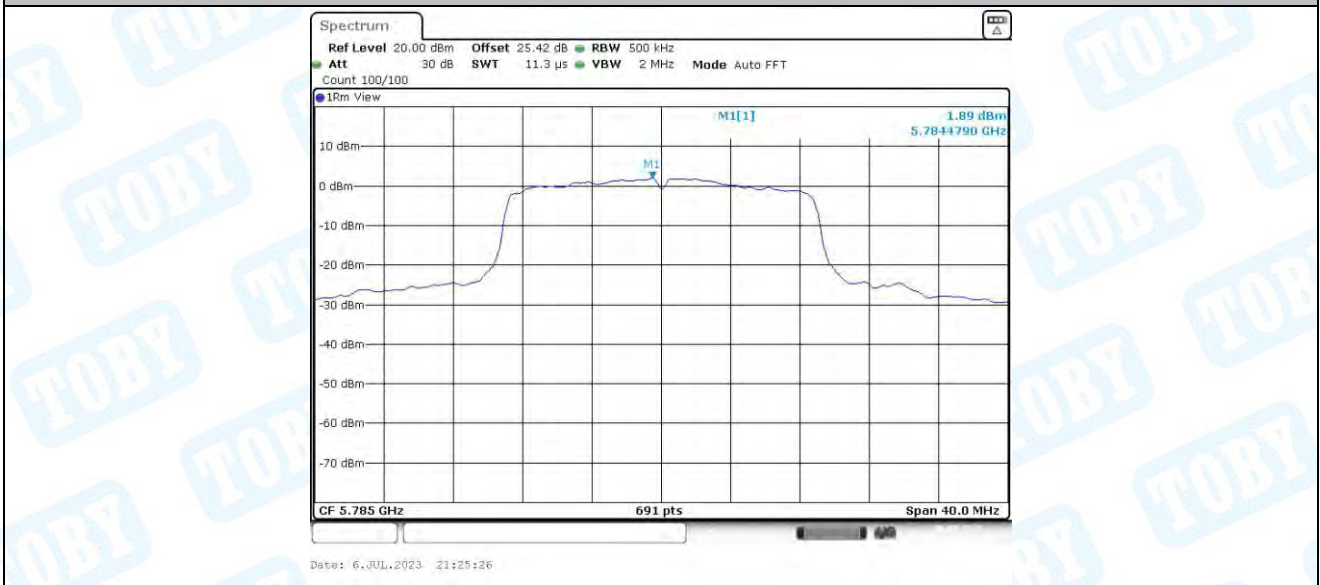




11N20-CDD\_Ant2\_5785

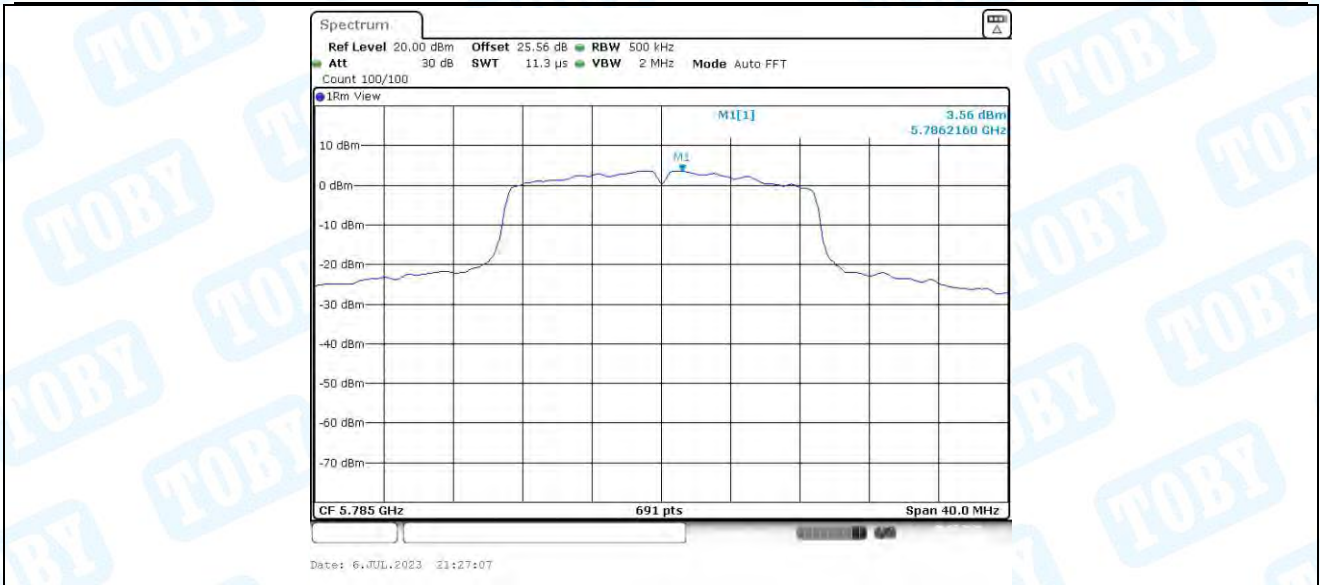


11N20-CDD\_Ant3\_5785



11N20-CDD\_Ant4\_5785

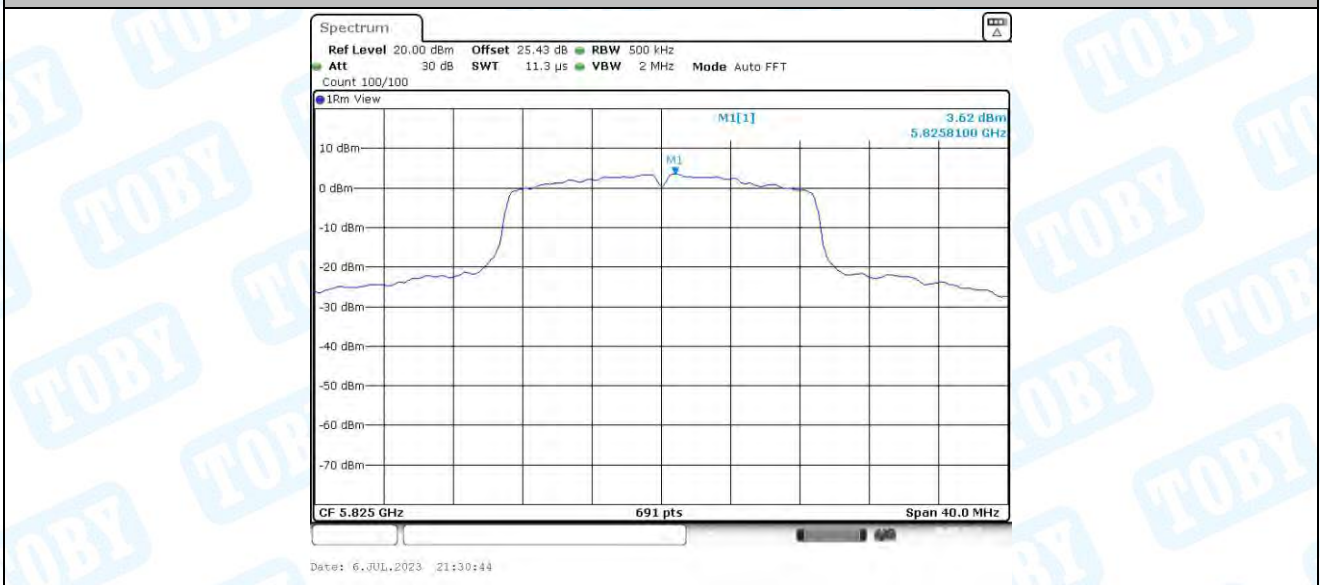




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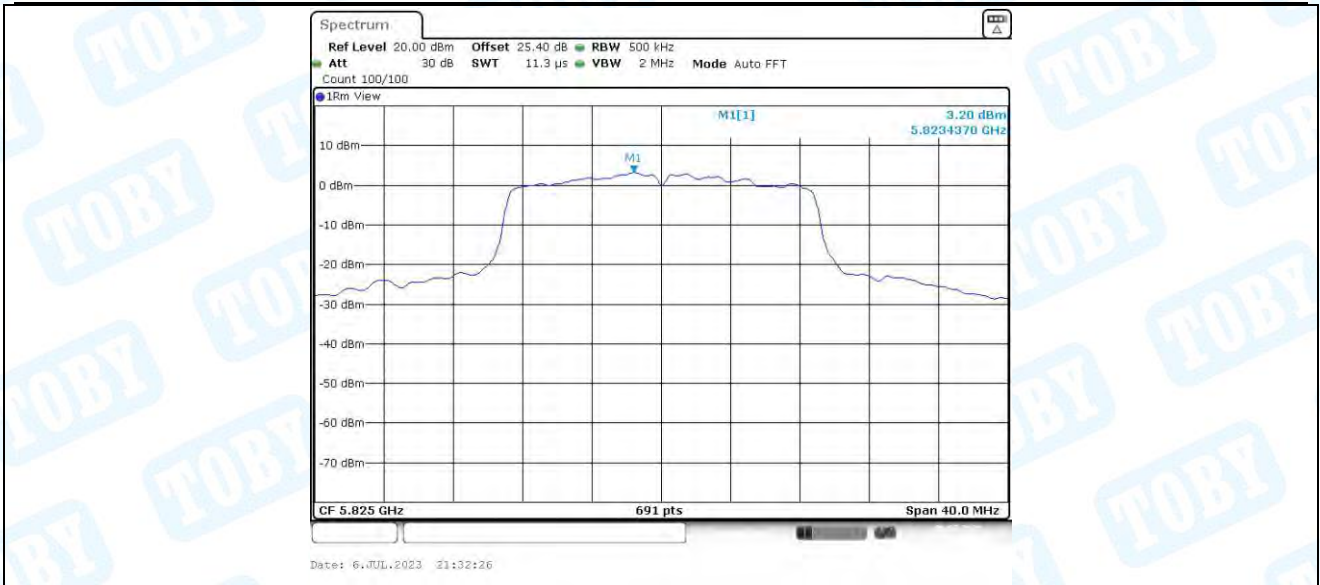


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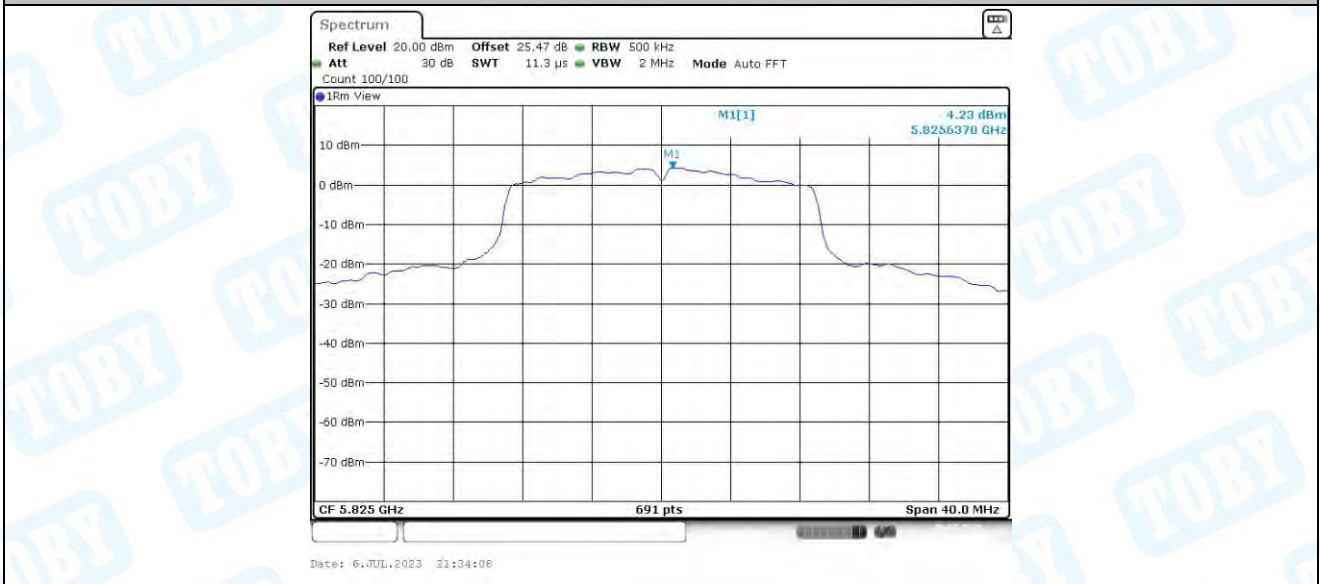


11N20-CDD\_Ant3\_5825

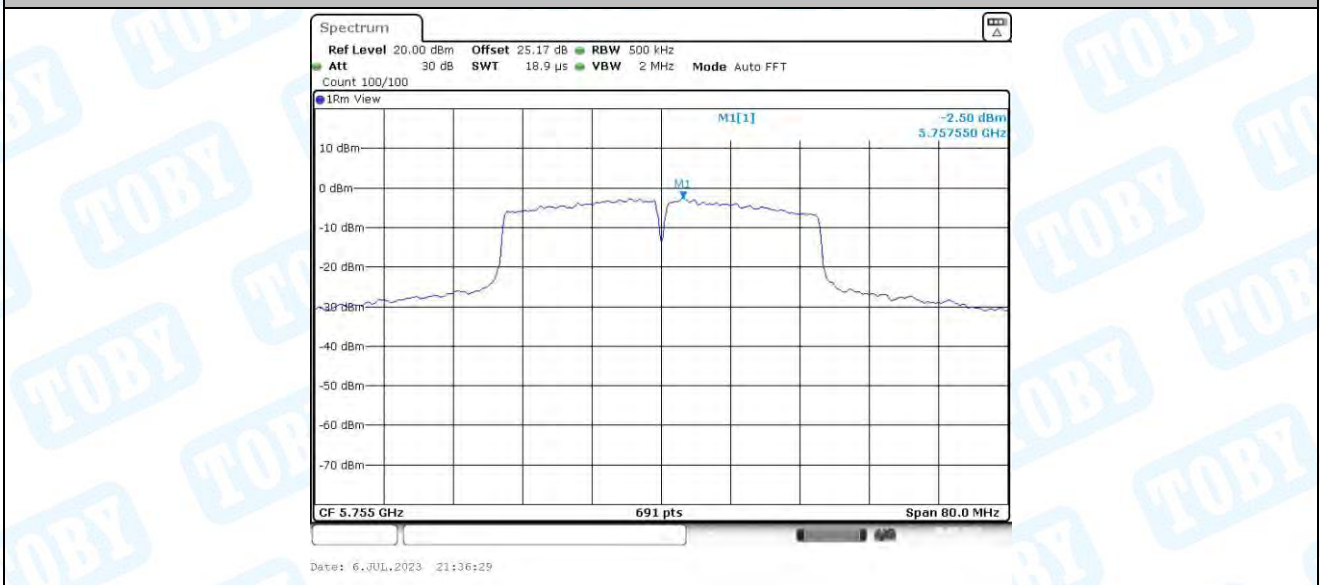




11N20-CDD\_Ant4\_5825

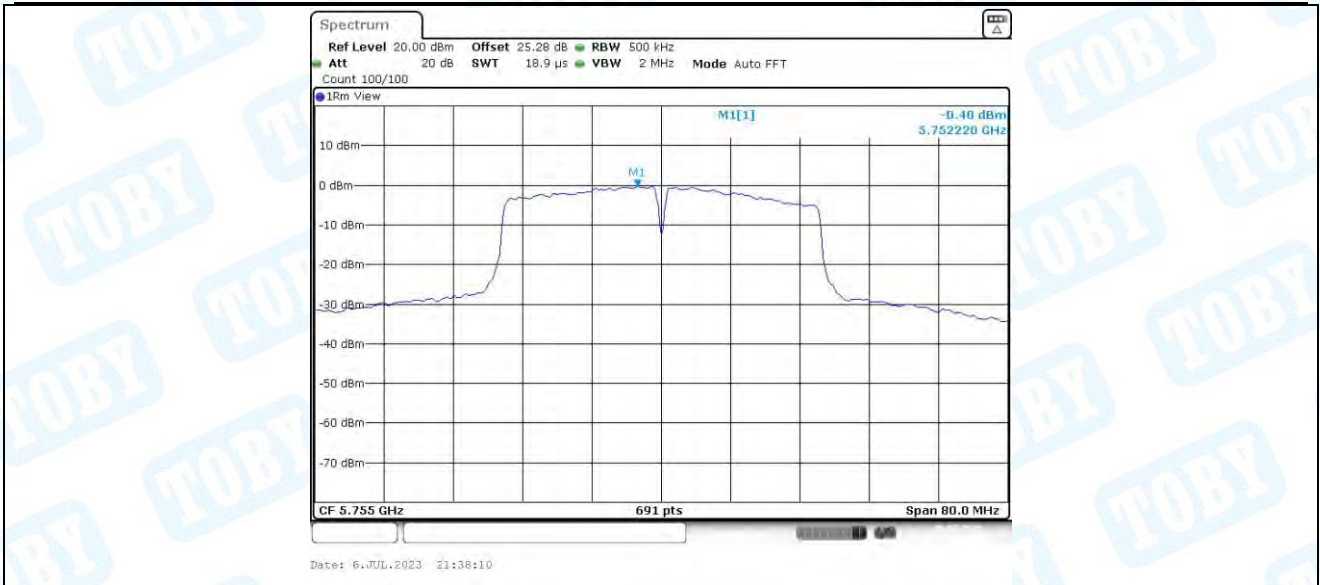


11N40-CDD\_Ant1\_5755



11N40-CDD\_Ant2\_5755

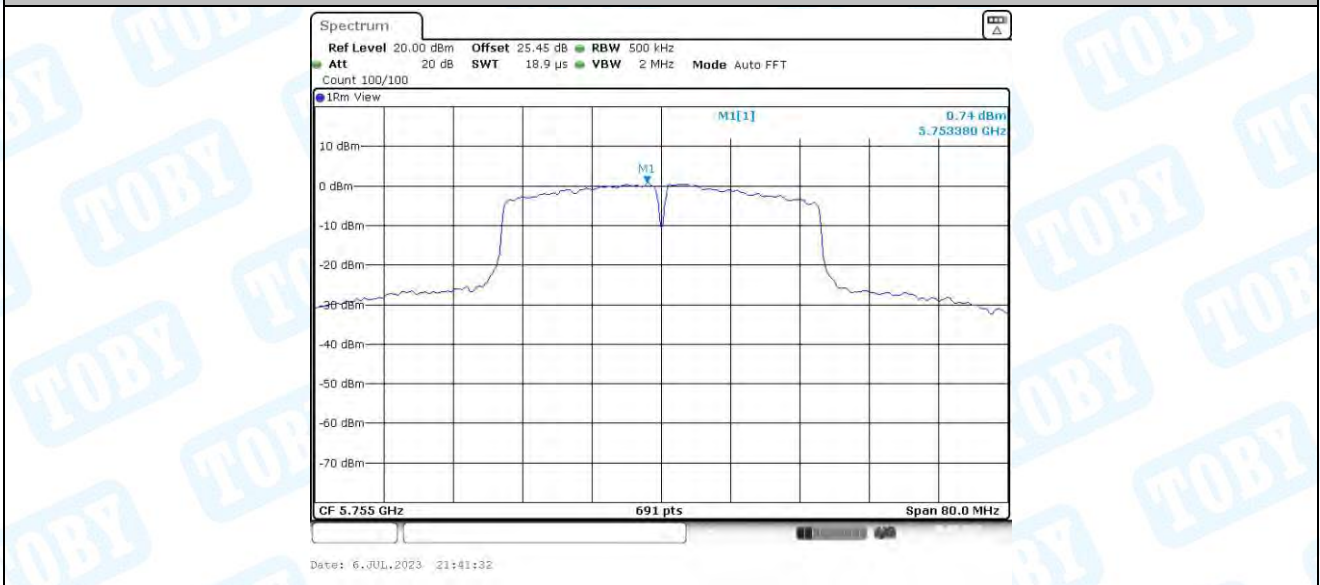




11N40-CDD\_Ant3\_5755

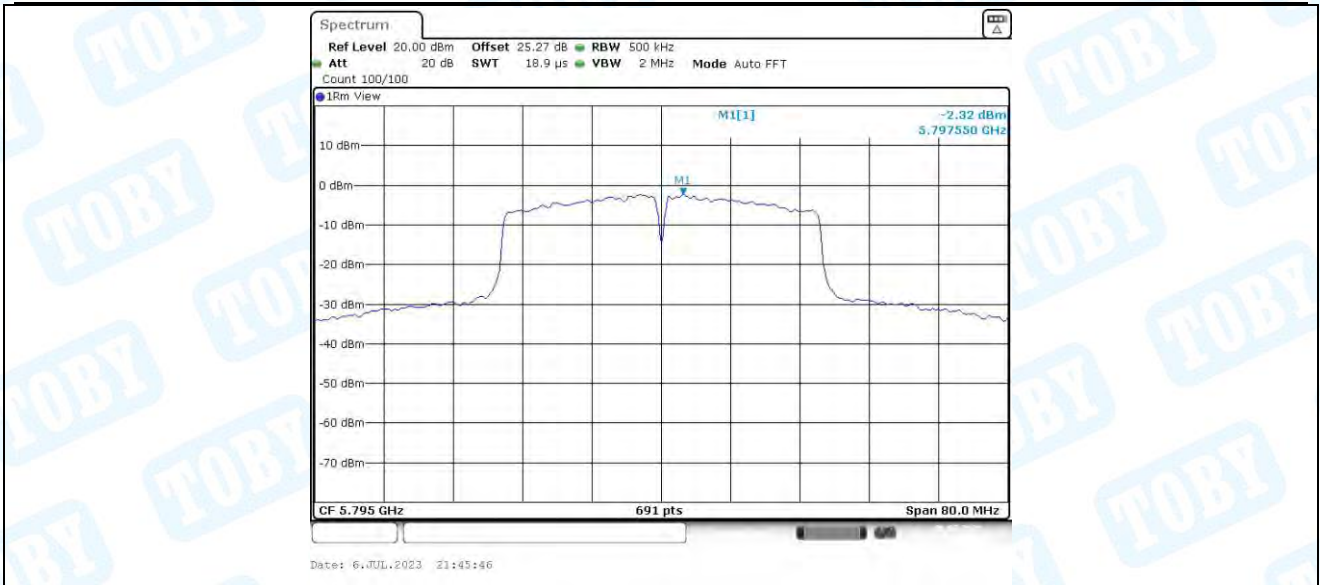


11N40-CDD\_Ant4\_5755



11N40-CDD\_Ant1\_5795

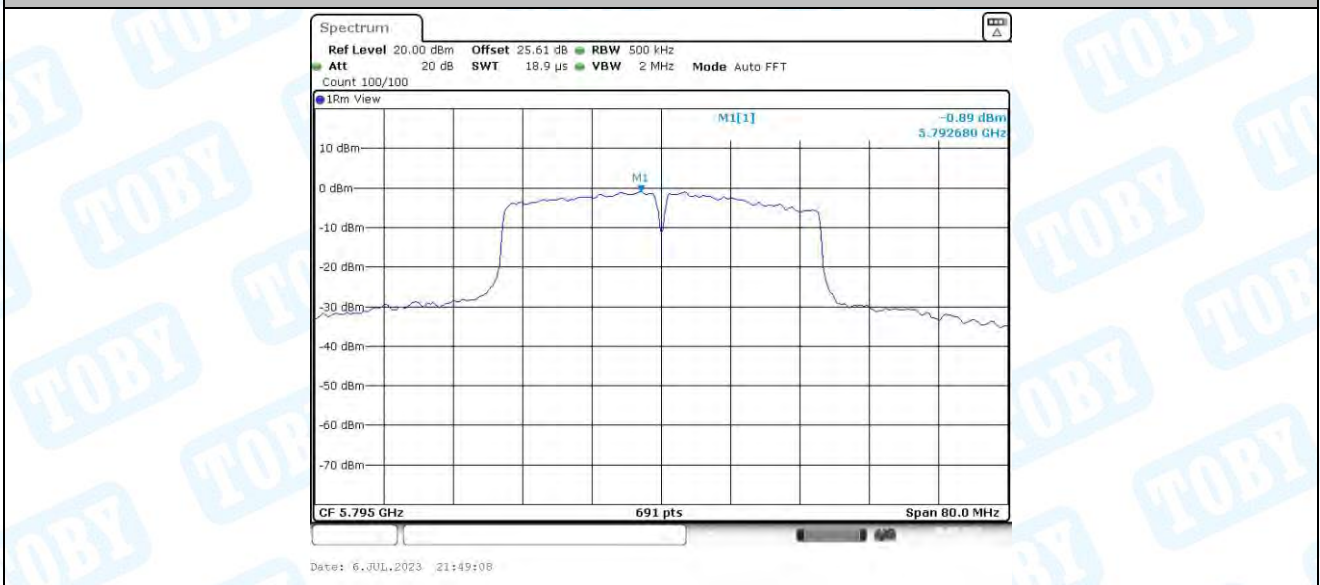




11N40-CDD\_Ant2\_5795



11N40-CDD\_Ant3\_5795



11N40-CDD\_Ant4\_5795

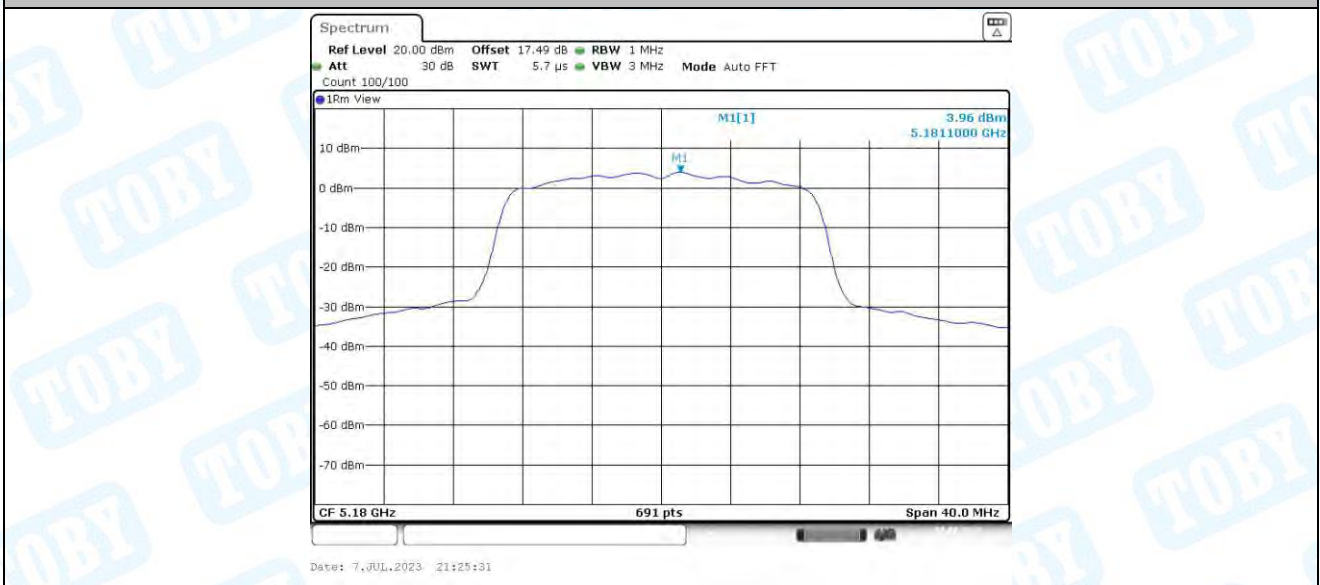




11N20-CDD\_Ant1\_5180

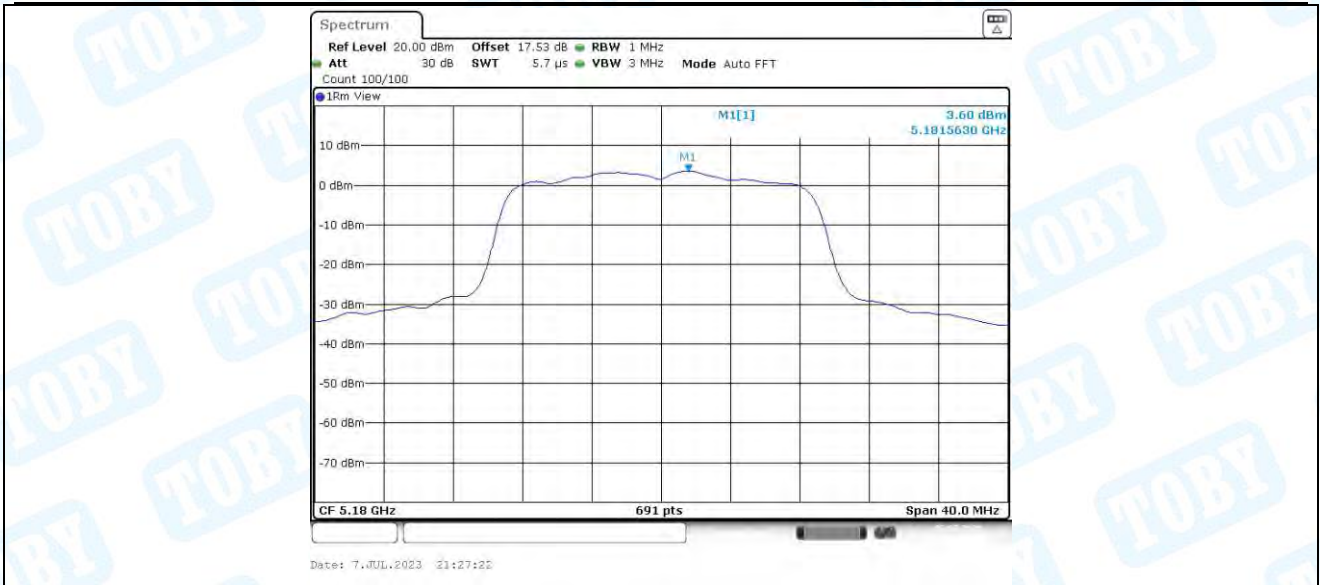


11N20-CDD\_Ant2\_5180

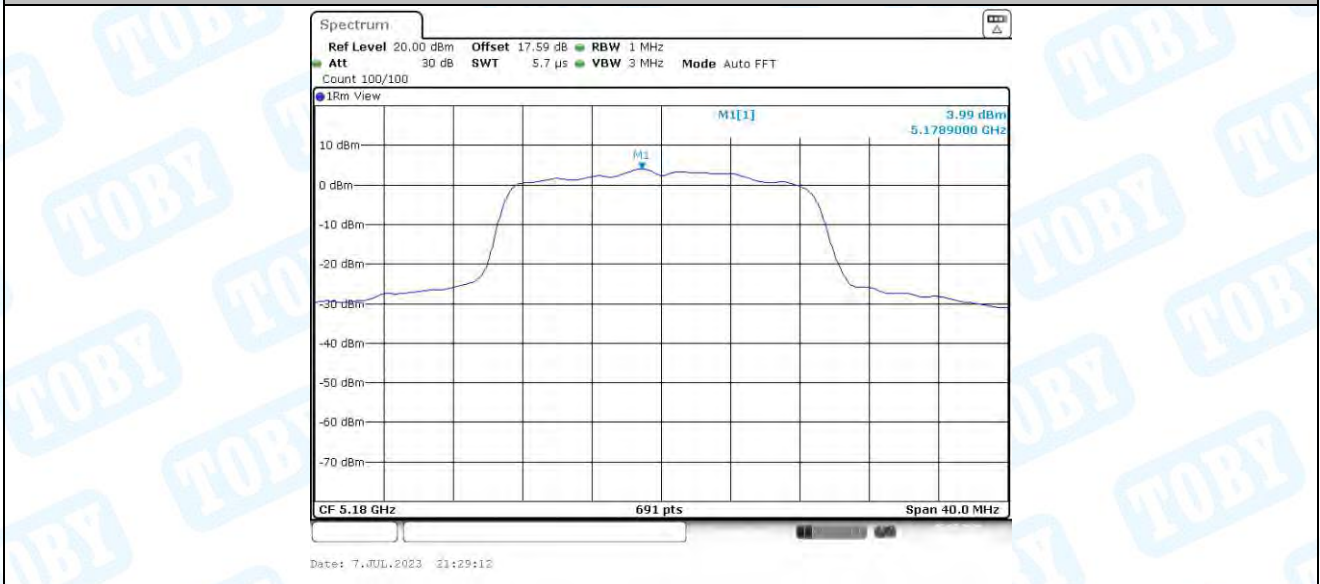


11N20-CDD\_Ant3\_5180

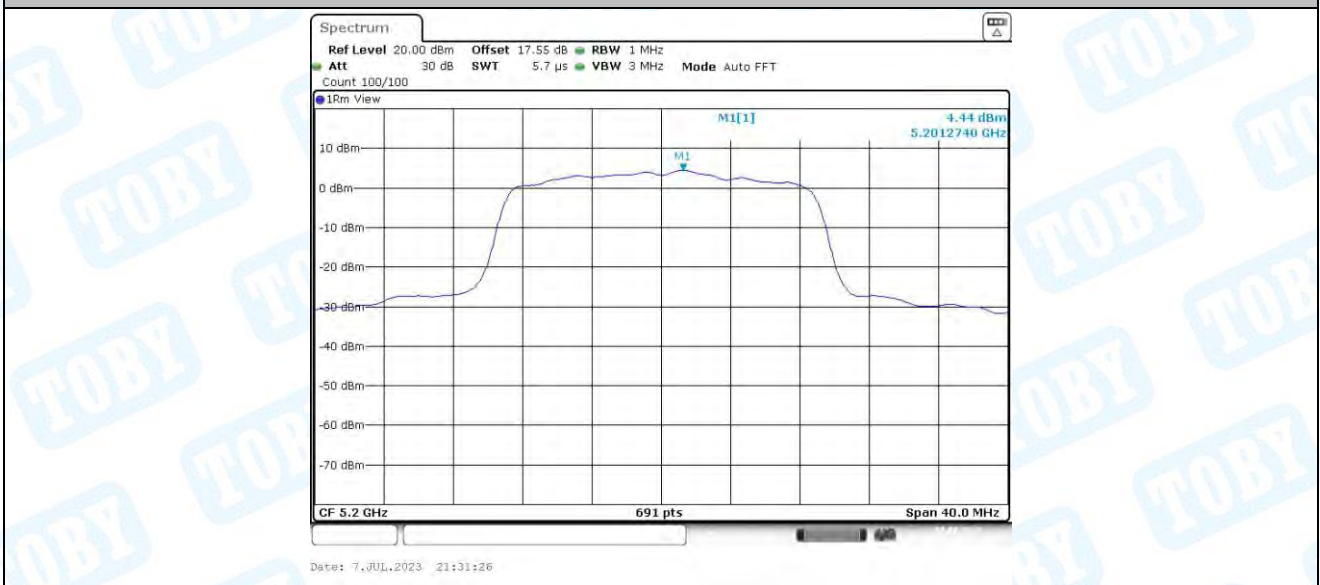




11N20-CDD\_Ant4\_5180



11N20-CDD\_Ant1\_5200



11N20-CDD\_Ant2\_5200





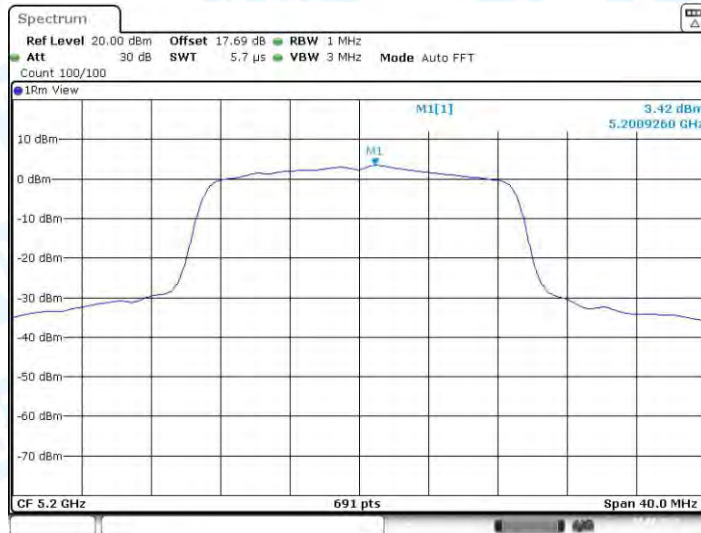
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11N20-CDD\_Ant3\_5200



Date: 7.JUL.2023 21:35:06

11N20-CDD\_Ant4\_5200



Date: 7.JUL.2023 21:36:56

11N20-CDD\_Ant1\_5240

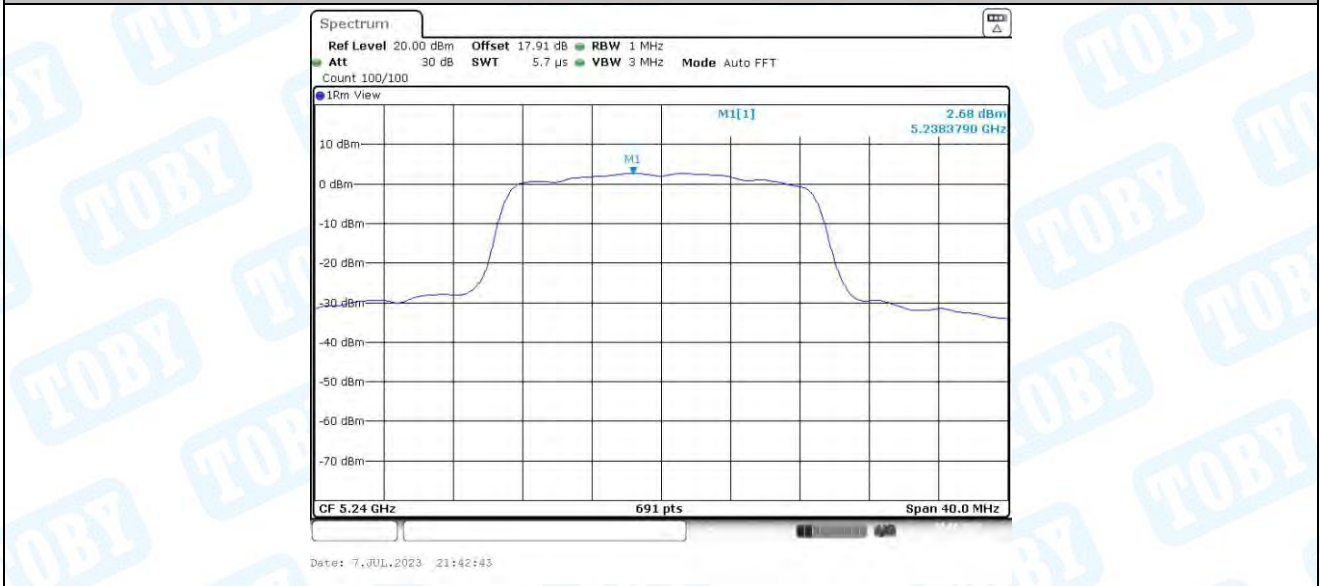




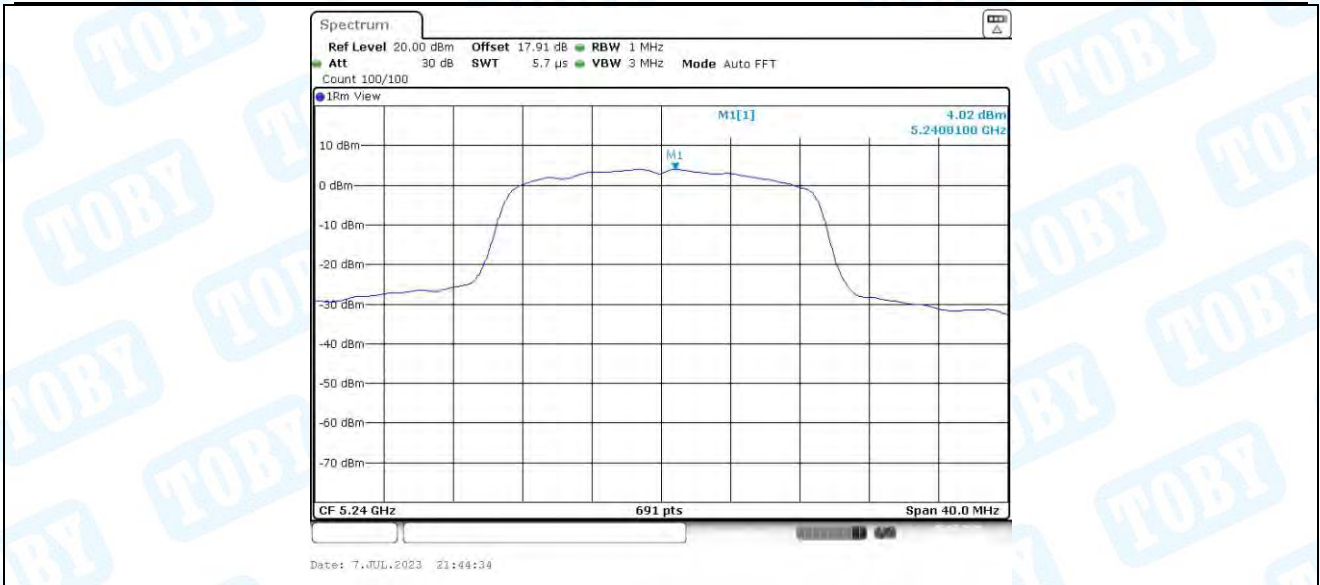
11N20-CDD\_Ant2\_5240



11N20-CDD\_Ant3\_5240



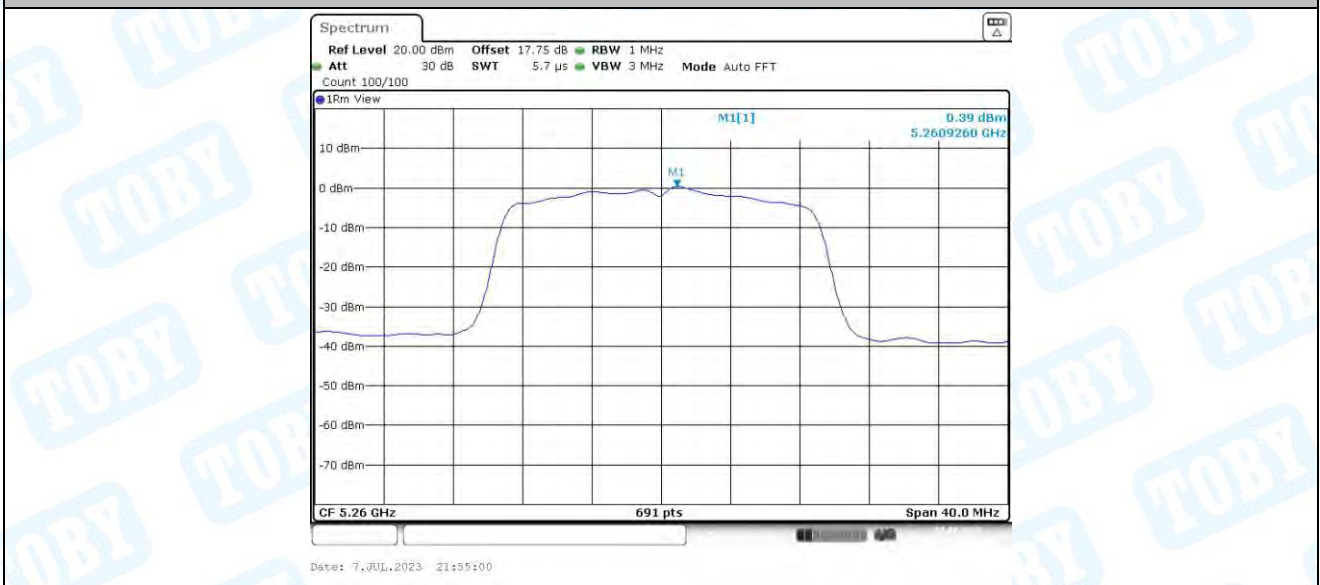
11N20-CDD\_Ant4\_5240



11N20-CDD\_Ant1\_5260



11N20-CDD\_Ant2\_5260

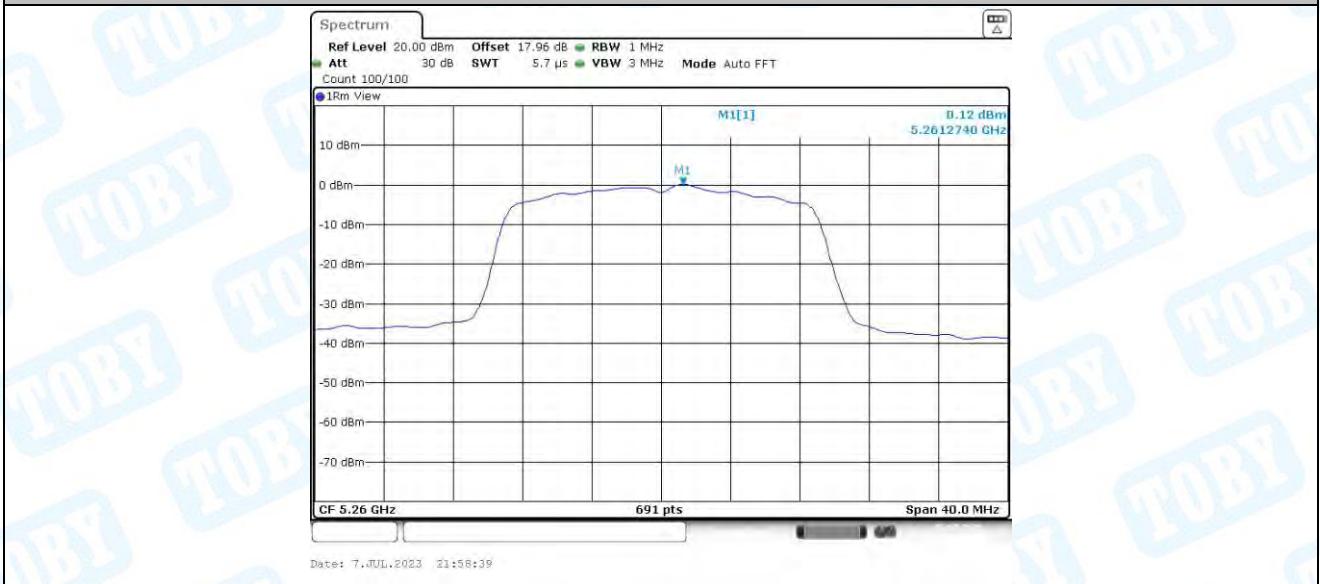


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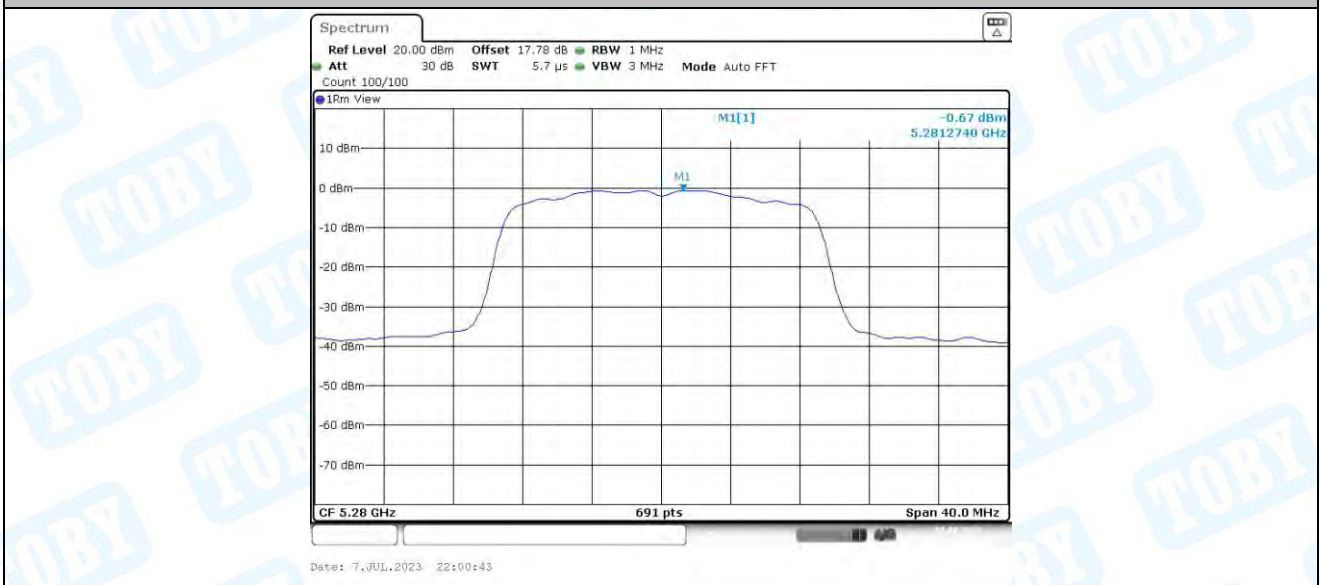




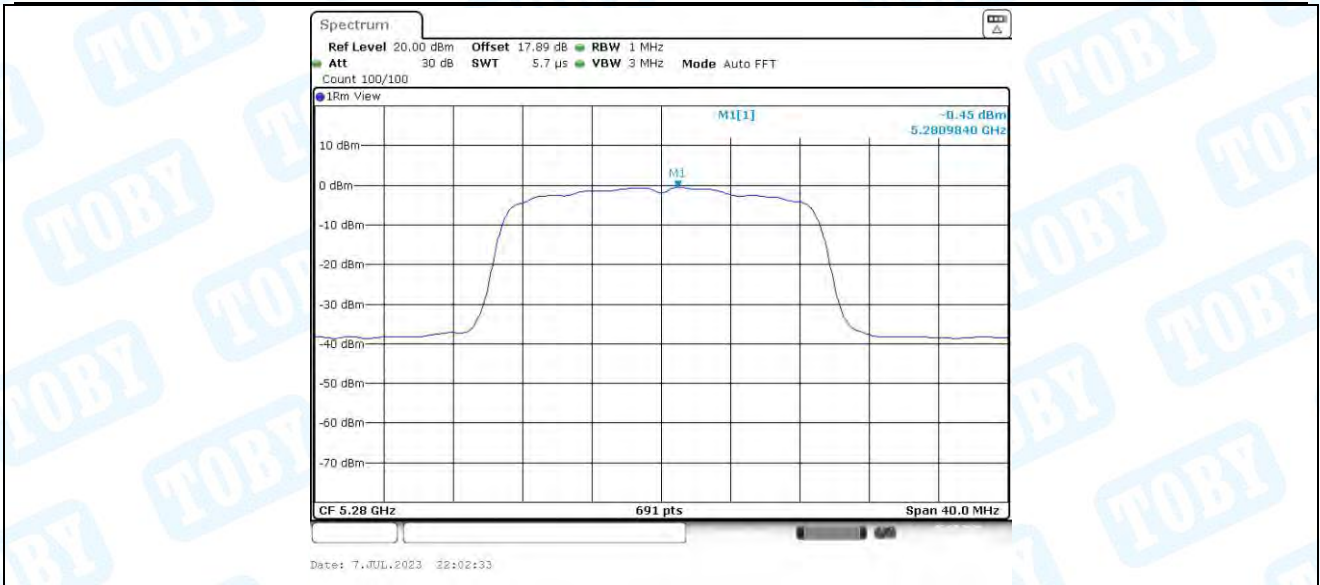
11N20-CDD\_Ant4\_5260



11N20-CDD\_Ant1\_5280



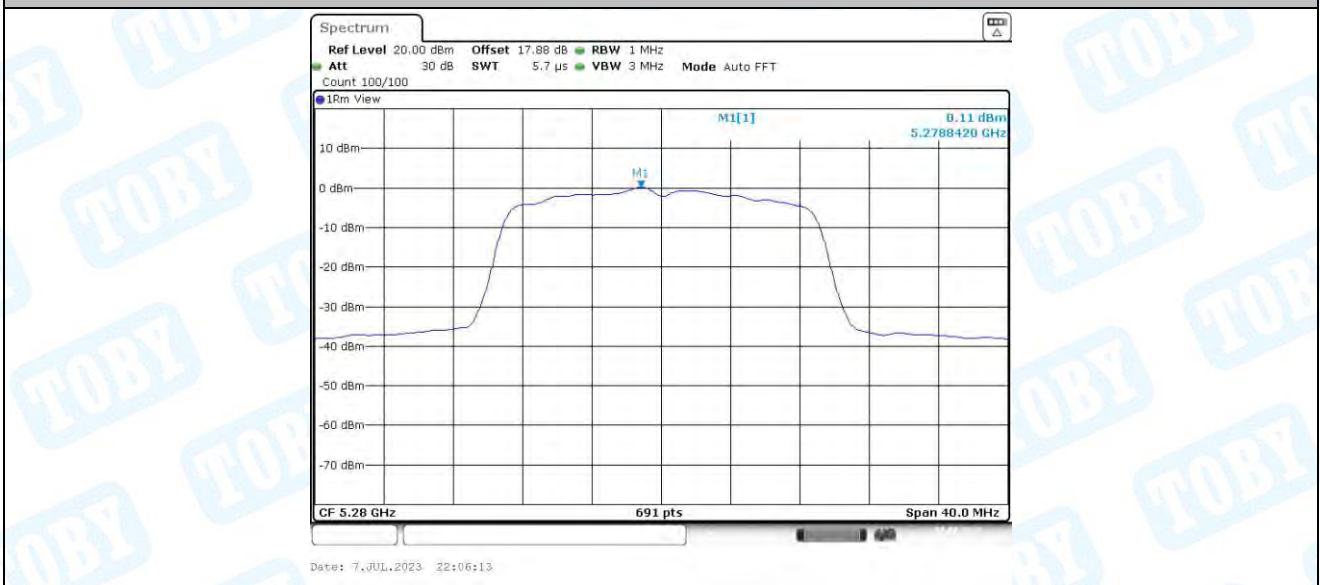
11N20-CDD\_Ant2\_5280



11N20-CDD\_Ant3\_5280



11N20-CDD\_Ant4\_5280



11N20-CDD\_Ant1\_5320





11N20-CDD\_Ant2\_5320



11N20-CDD\_Ant3\_5320



11N20-CDD\_Ant4\_5320

