

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

General Description of EUT	
Product Name:	StiX
Test Model:	3700
Sample ID:	202211-0053-01-2
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 5V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202211-0053-53	

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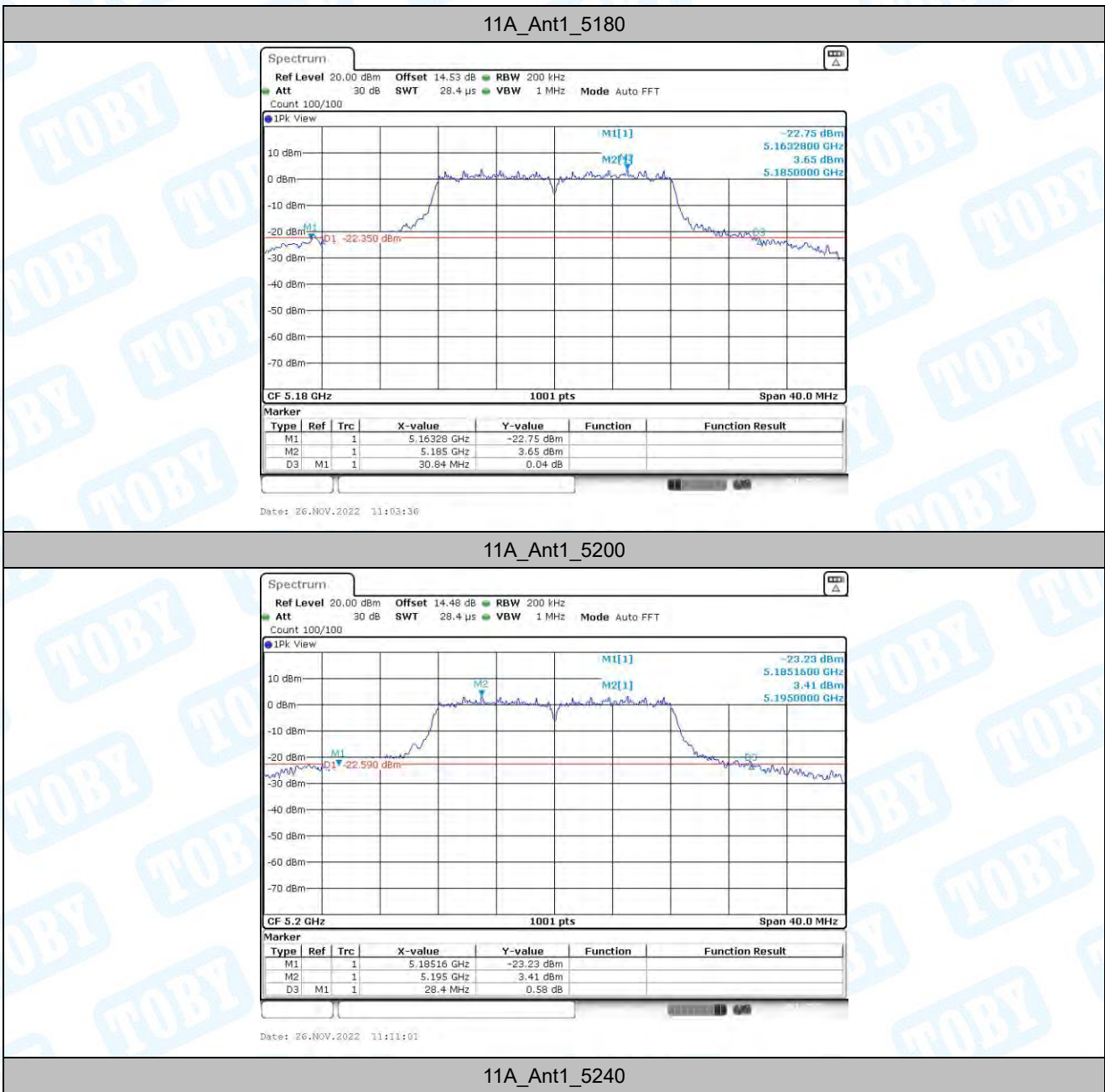
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1. Emission Bandwidth

1.1. Test Result

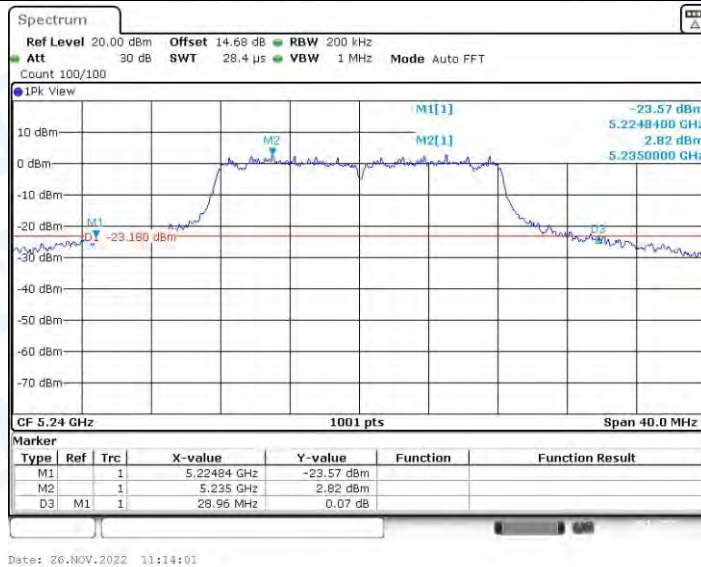
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	30.84	5163.28	5194.12	---	---
		5200	28.40	5185.16	5213.56	---	---
		5240	28.96	5224.84	5253.80	---	---
		5745	34.52	5730.16	5764.68	---	---
		5785	39.32	5765.56	5804.88	---	---
		5825	39.84	5805.16	5845.00	---	---
11N20SISO	Ant1	5180	29.80	5163.92	5193.72	---	---
		5200	28.84	5184.96	5213.80	---	---
		5240	30.40	5223.08	5253.48	---	---
		5745	34.04	5730.52	5764.56	---	---
		5785	39.76	5765.24	5805.00	---	---
		5825	39.76	5805.24	5845.00	---	---
11N40SISO	Ant1	5190	42.40	5168.64	5211.04	---	---
		5230	63.12	5194.48	5257.60	---	---
		5755	71.60	5723.40	5795.00	---	---
		5795	79.68	5755.32	5835.00	---	---
11AC20SISO	Ant1	5180	28.04	5164.60	5192.64	---	---
		5200	29.60	5183.68	5213.28	---	---
		5240	29.00	5224.92	5253.92	---	---
		5745	37.36	5727.64	5765.00	---	---
		5785	38.80	5766.20	5805.00	---	---
		5825	39.48	5805.52	5845.00	---	---
11AC40SISO	Ant1	5190	42.40	5168.48	5210.88	---	---
		5230	76.16	5190.64	5266.80	---	---
		5755	71.12	5723.88	5795.00	---	---
		5795	80.00	5755.00	5835.00	---	---
11AC80SISO	Ant1	5210	82.08	5168.88	5250.96	---	---
		5775	140.48	5714.52	5855.00	---	---

2.1. Test Graphs

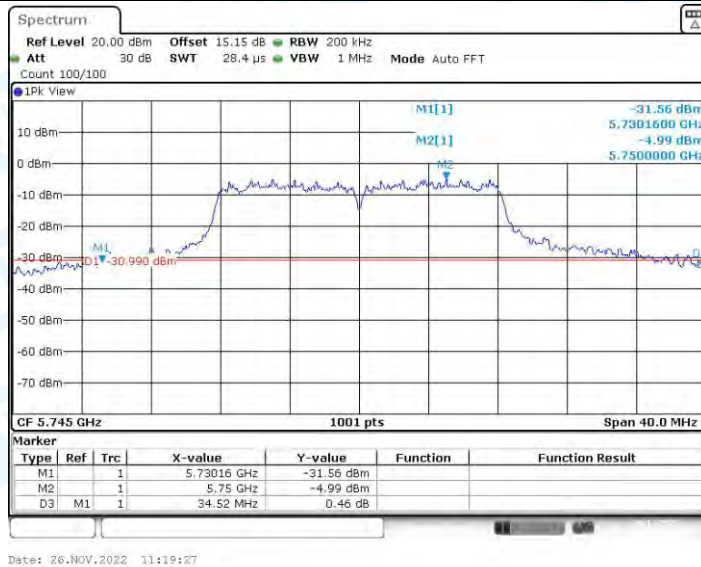


11A_Ant1_5200

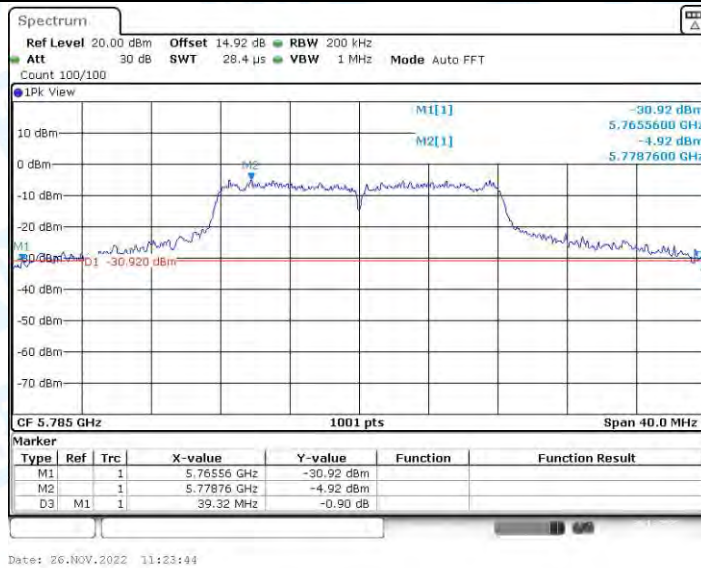
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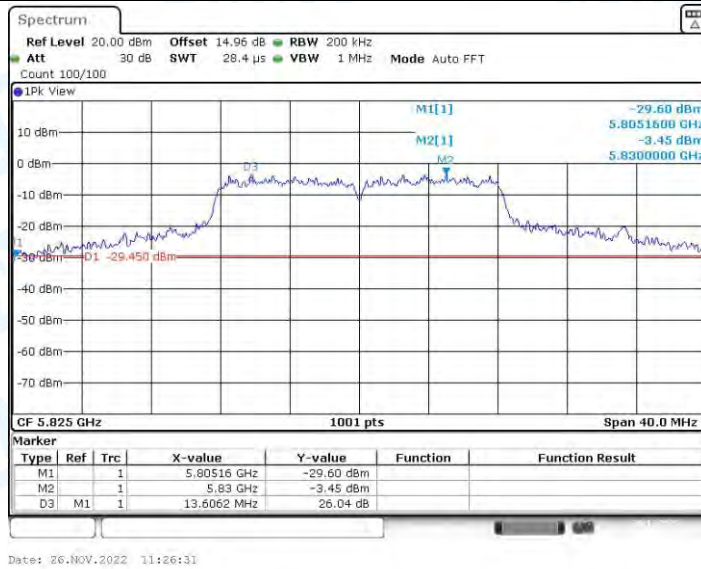
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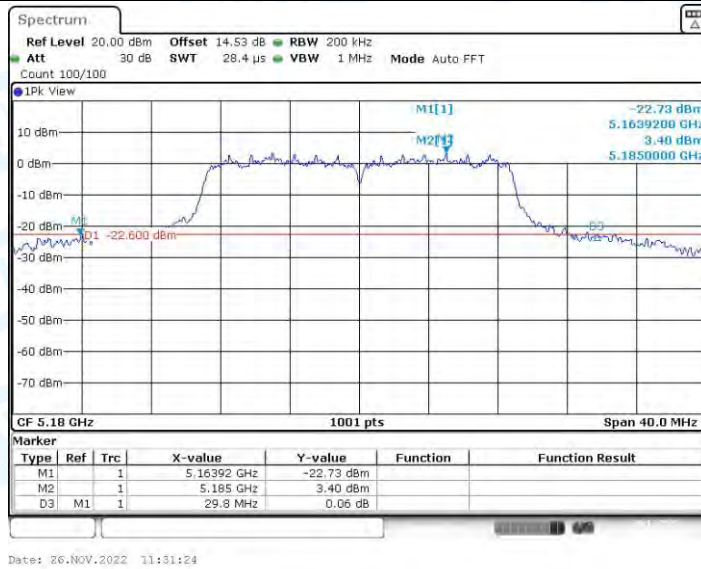
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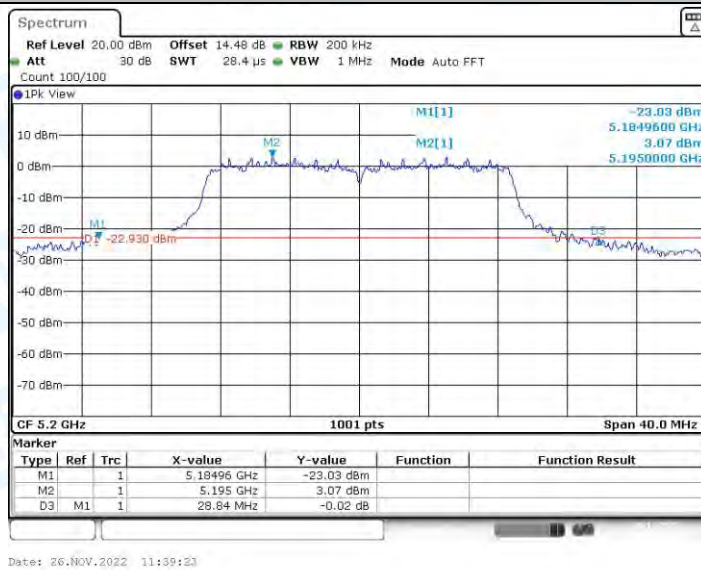
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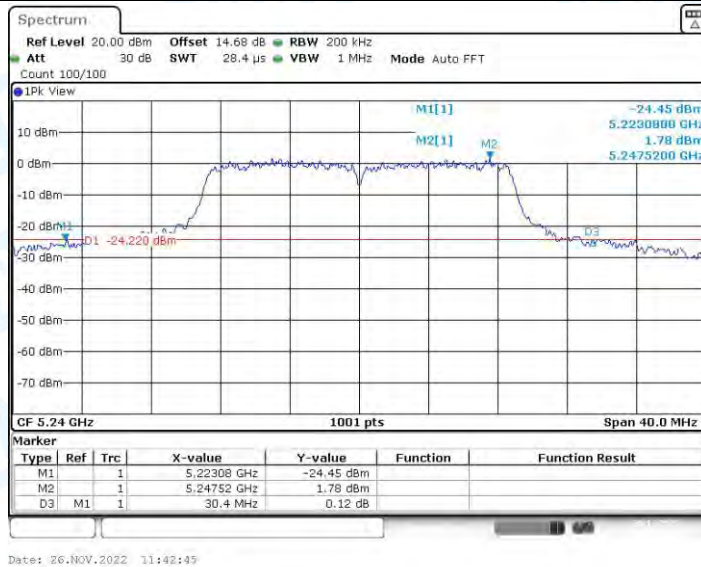
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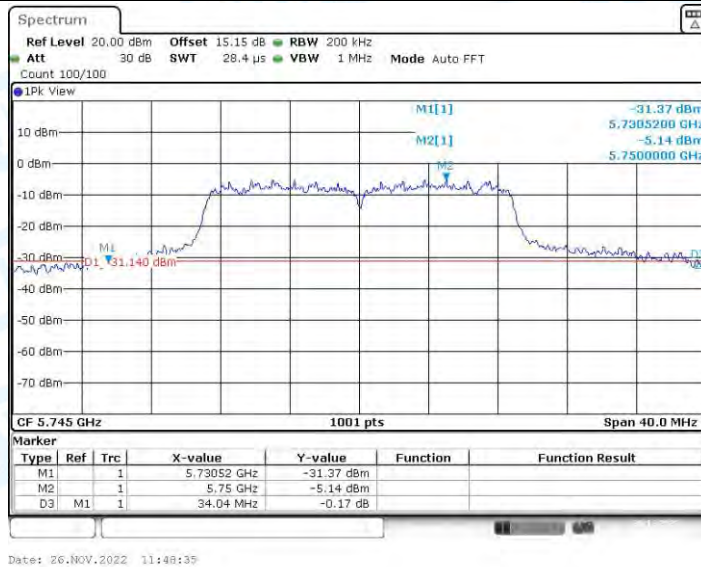
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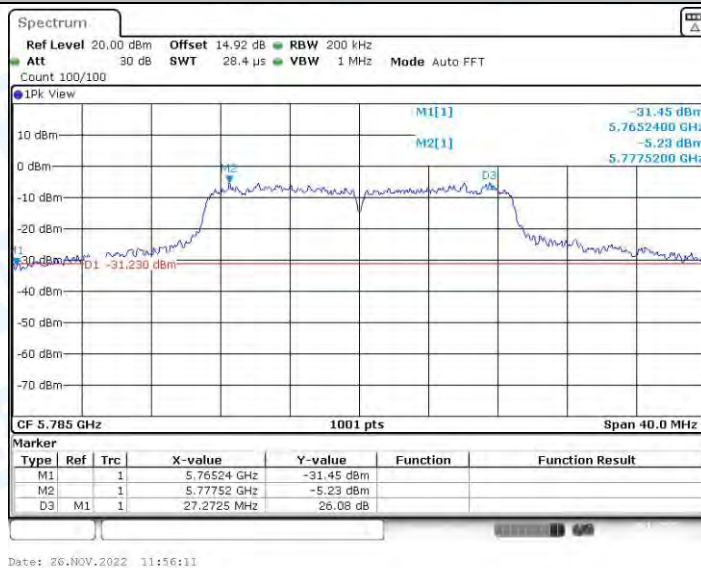
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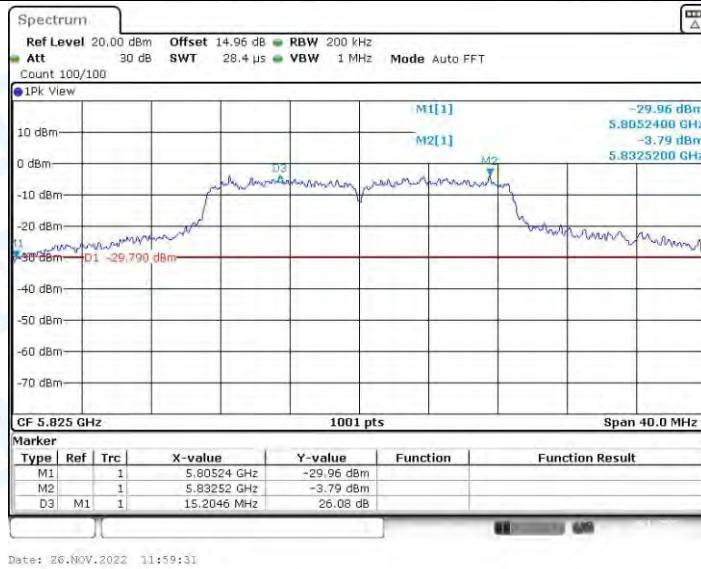
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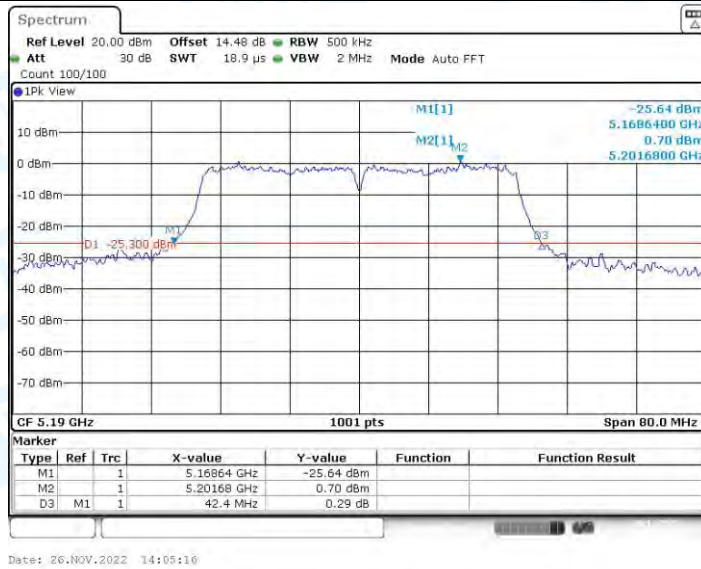
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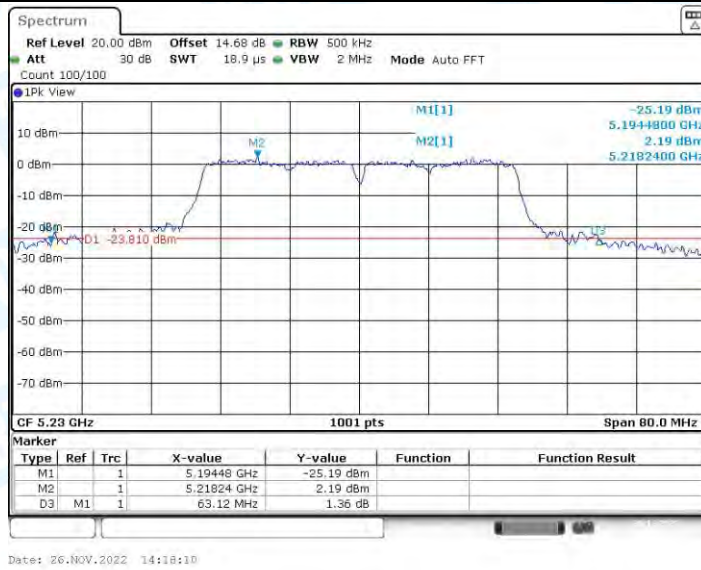
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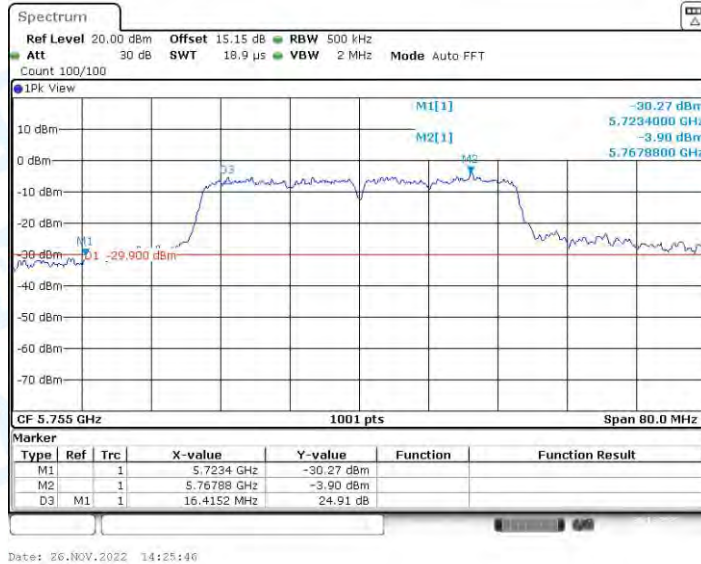
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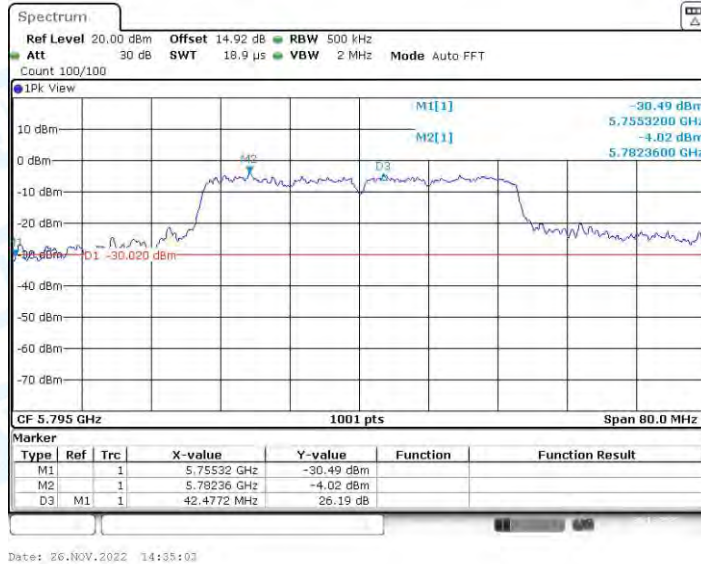
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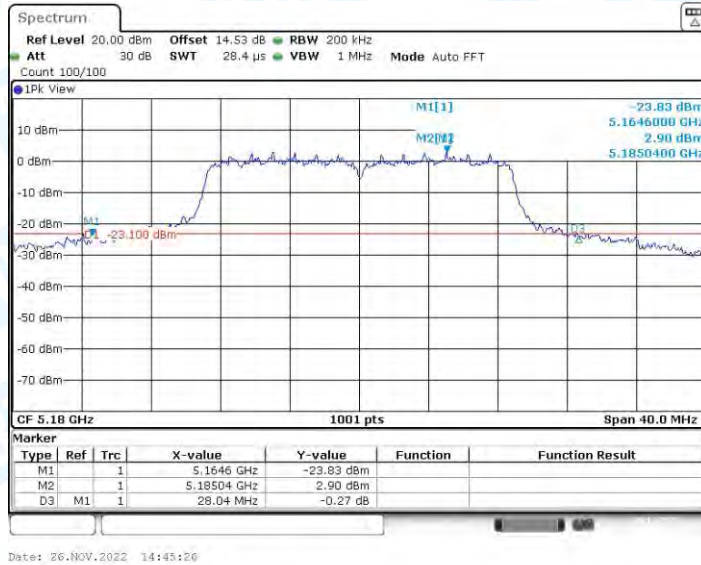
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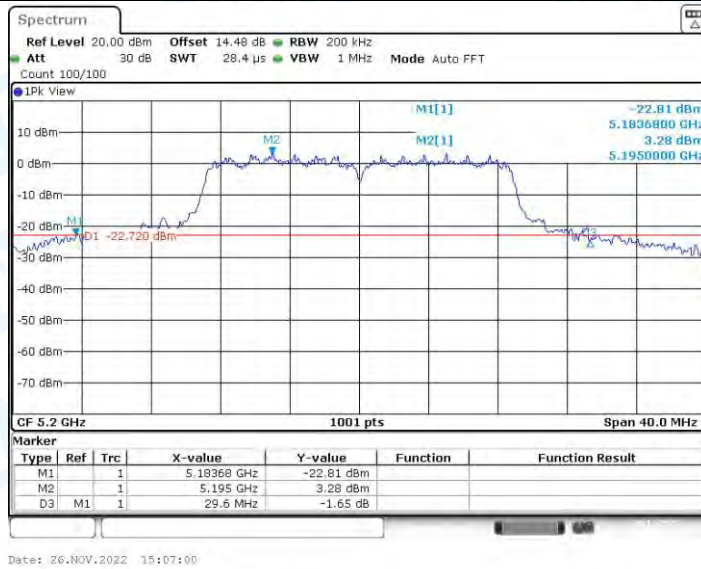
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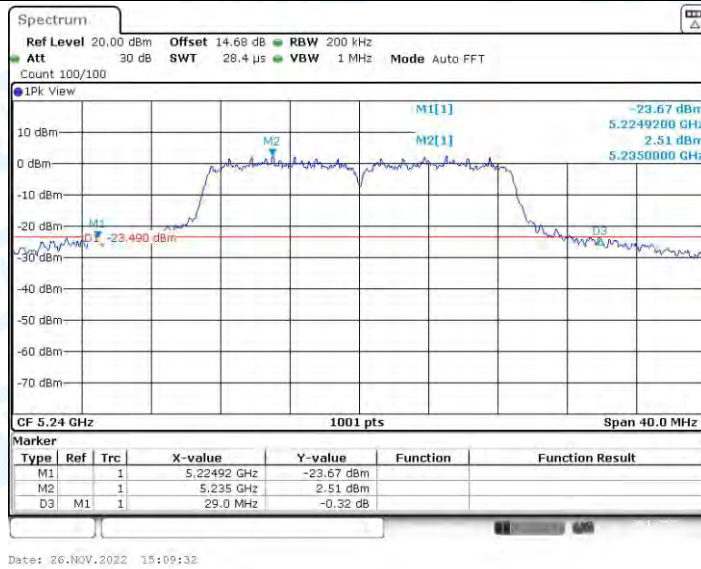
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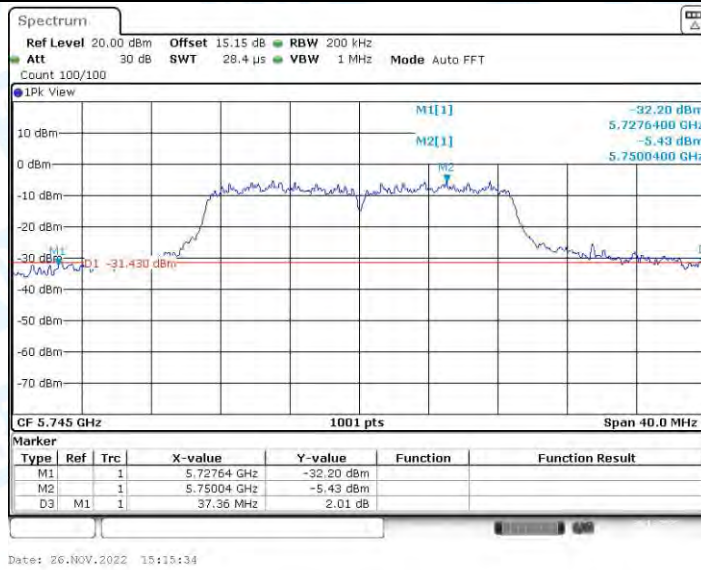
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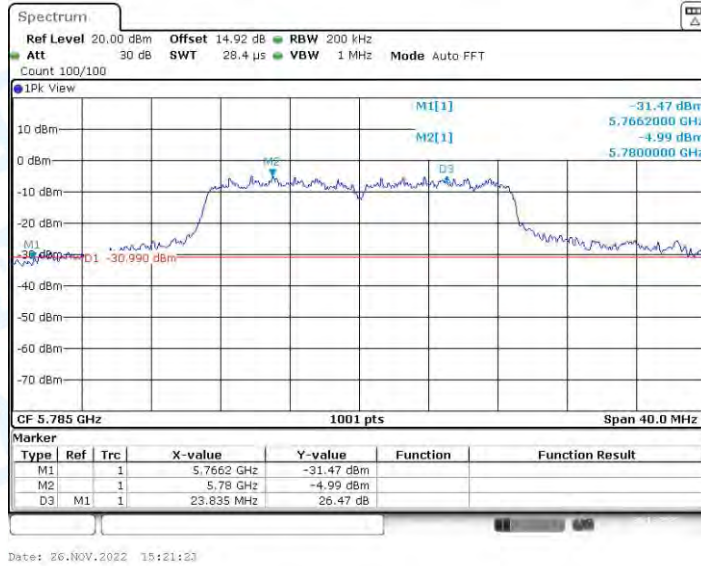
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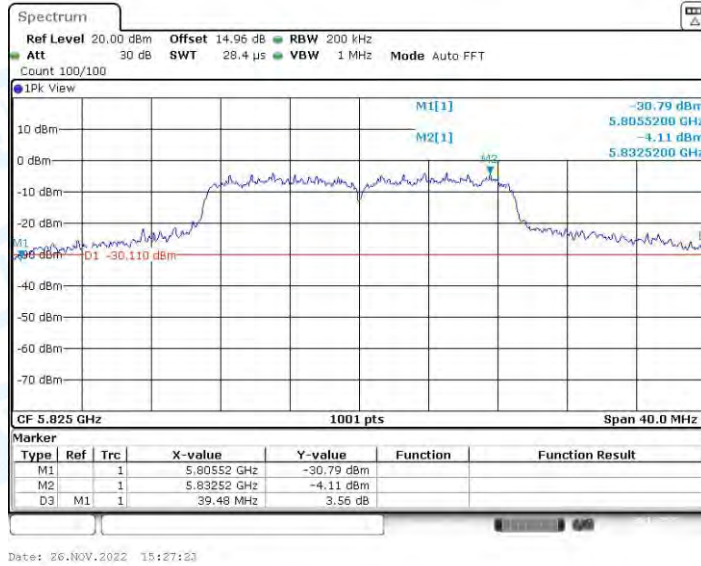
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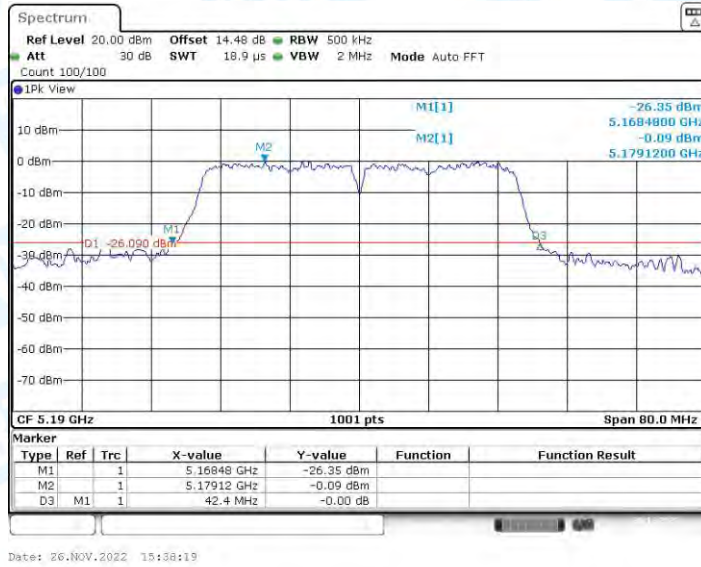
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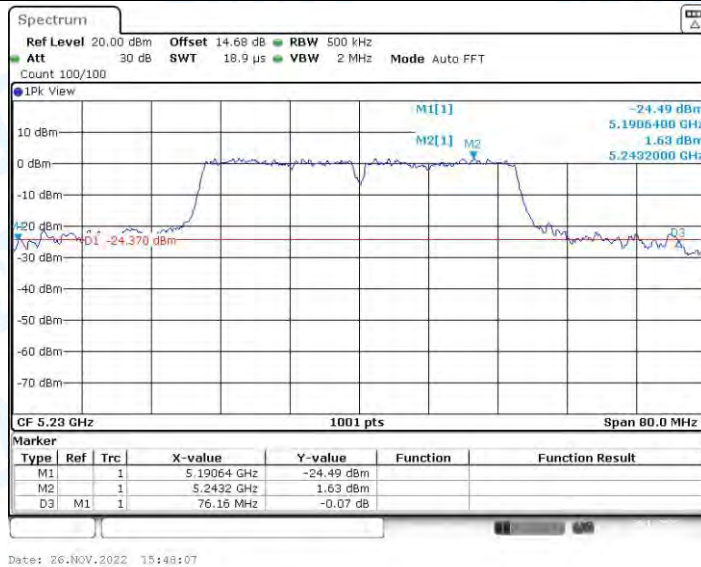
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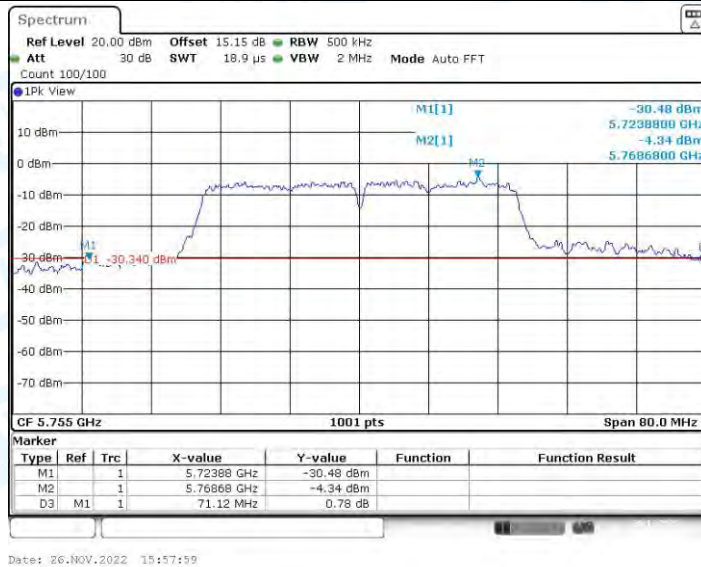
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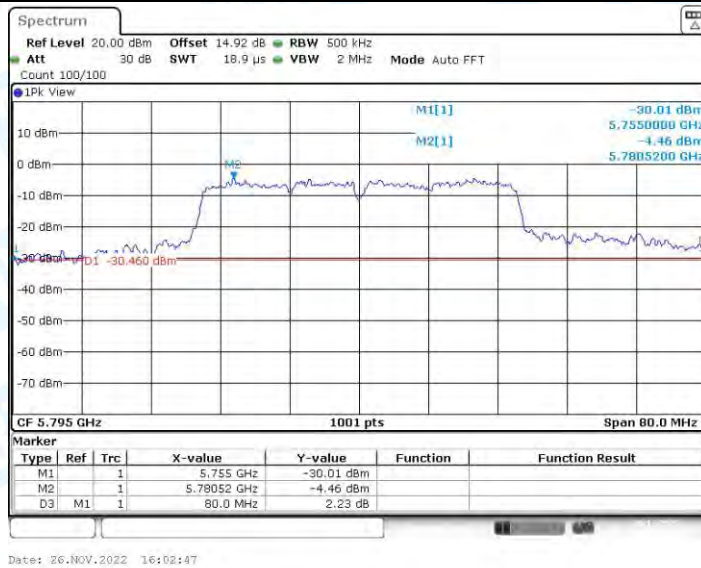
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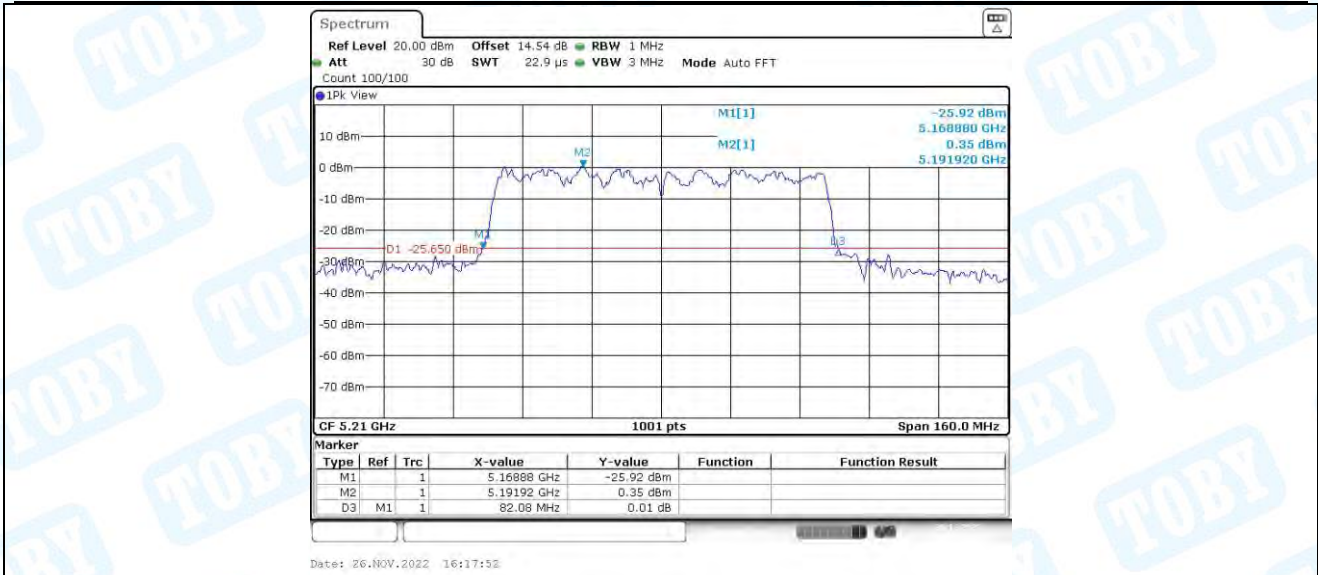
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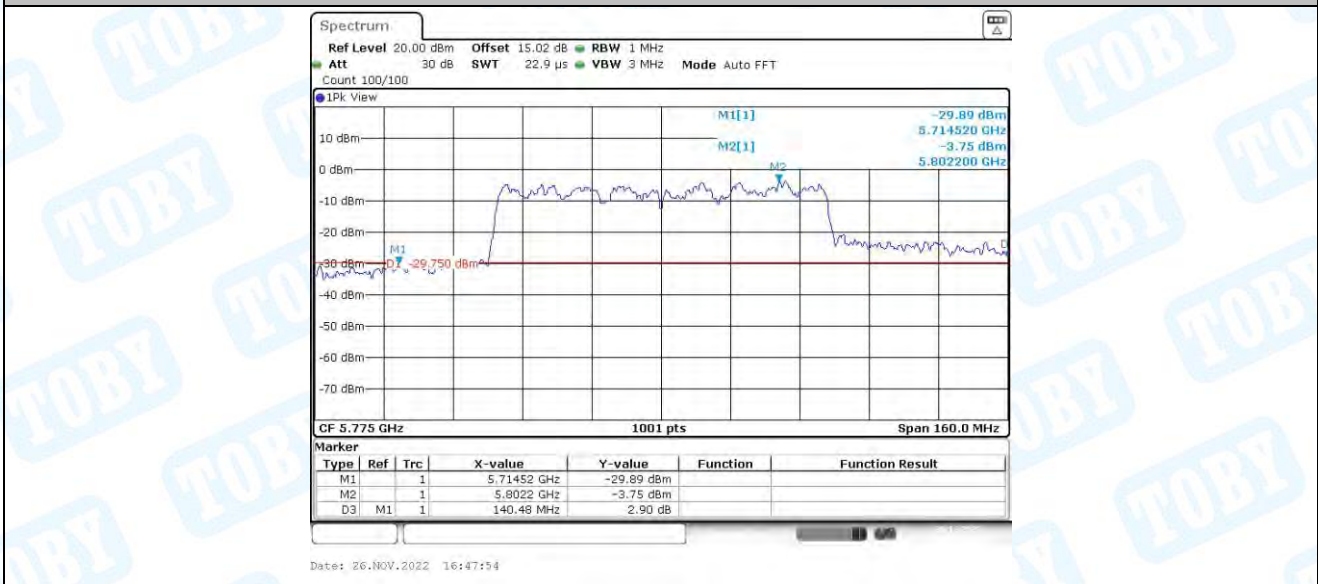
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11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



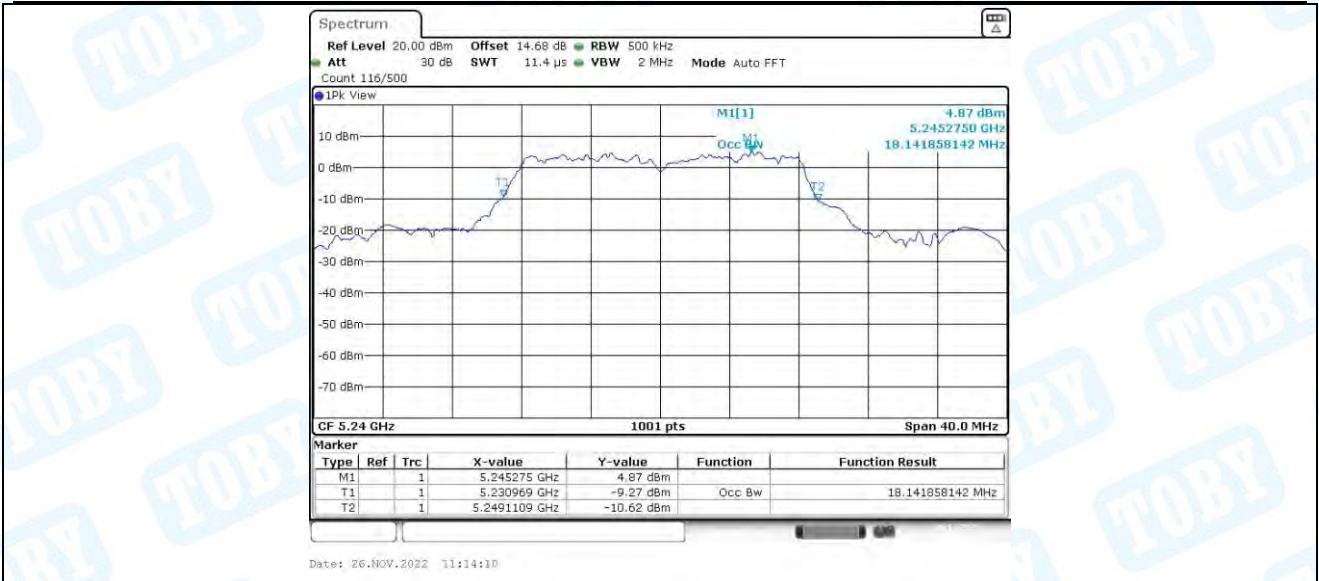
2. Occupied channel bandwidth

2.1. Test Result

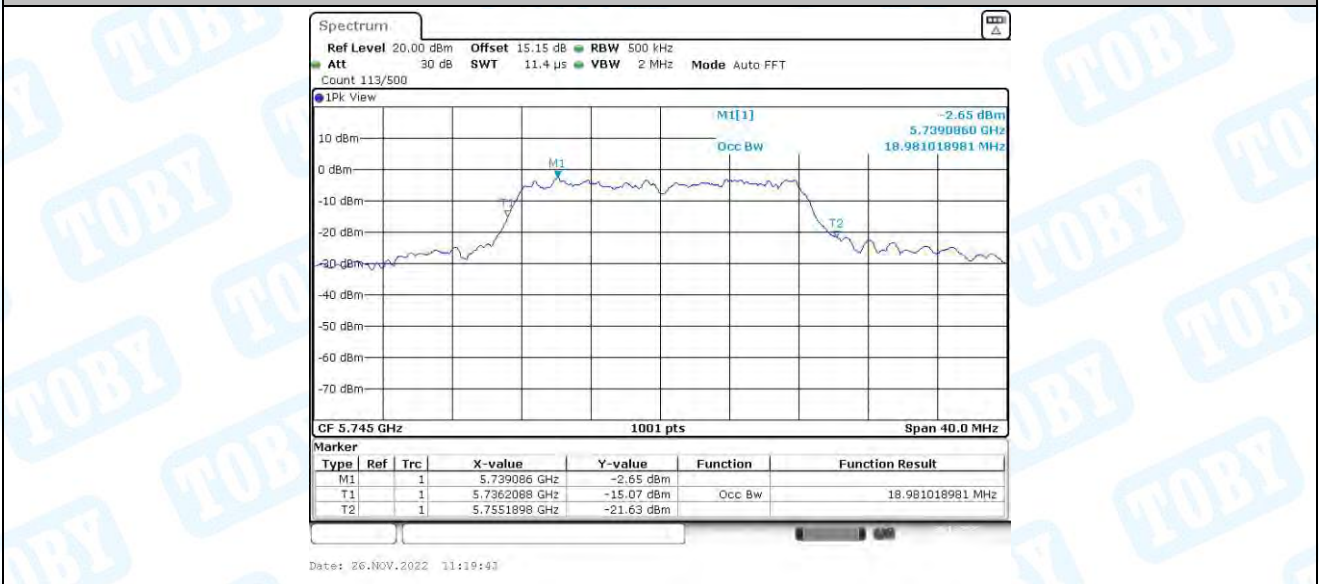
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.263	5171.3686	5188.6314	---	---
		5200	17.542	5191.0889	5208.6314	---	---
		5240	18.142	5230.9690	5249.1109	---	---
		5745	18.981	5736.2088	5755.1898	---	---
		5785	22.178	5775.1698	5797.3477	---	---
		5825	23.816	5814.3307	5838.1469	---	---
11N20SISO	Ant1	5180	18.222	5170.9690	5189.1908	---	---
		5200	18.382	5190.7293	5209.1109	---	---
		5240	18.462	5230.7692	5249.2308	---	---
		5745	19.62	5735.6094	5755.2298	---	---
		5785	21.139	5775.3297	5796.4685	---	---
		5825	24.775	5813.8911	5838.6663	---	---
11N40SISO	Ant1	5190	36.444	5171.8581	5208.3017	---	---
		5230	37.722	5210.9790	5248.7013	---	---
		5755	37.562	5736.7782	5774.3407	---	---
		5795	47.233	5775.9790	5823.2118	---	---
11AC20SISO	Ant1	5180	18.262	5170.8492	5189.1109	---	---
		5200	18.701	5190.6094	5209.3107	---	---
		5240	18.222	5230.9291	5249.1508	---	---
		5745	18.821	5735.8492	5754.6703	---	---
		5785	20.02	5775.7293	5795.7493	---	---
		5825	23.217	5814.4905	5837.7073	---	---
11AC40SISO	Ant1	5190	36.603	5171.4585	5208.0619	---	---
		5230	36.683	5211.6184	5248.3017	---	---
		5755	37.083	5736.6184	5773.7013	---	---
		5795	43.157	5776.5385	5819.6953	---	---
11AC80SISO	Ant1	5210	76.404	5171.9580	5248.3616	---	---
		5775	84.396	5736.7982	5821.1938	---	---

2.2. Test Graphs

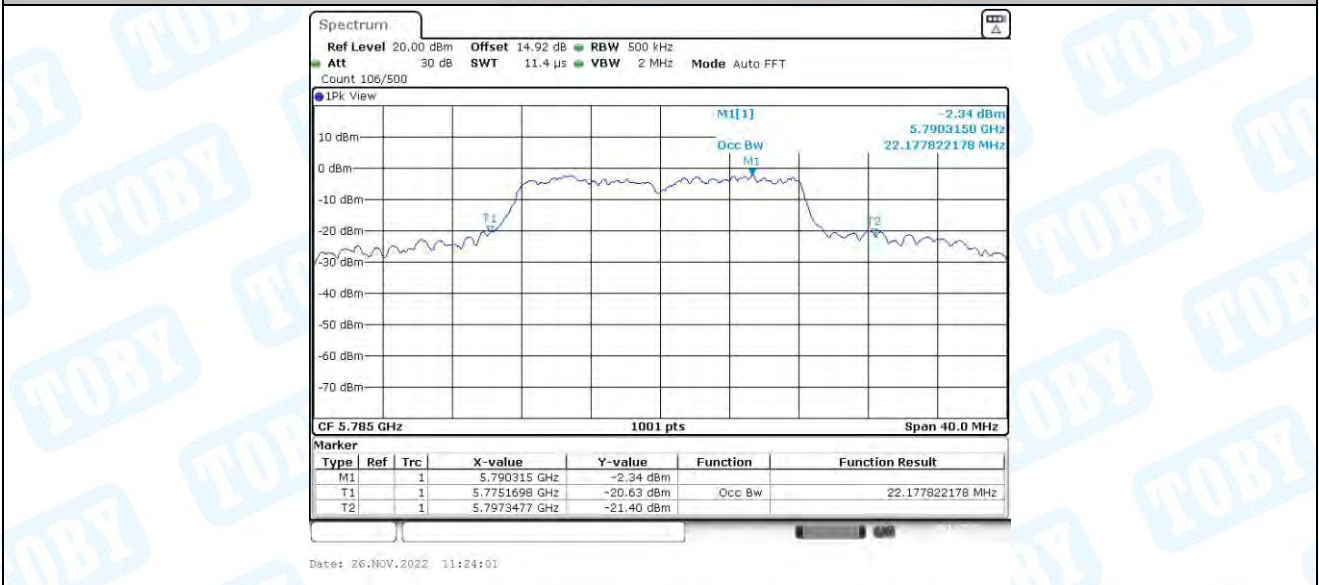




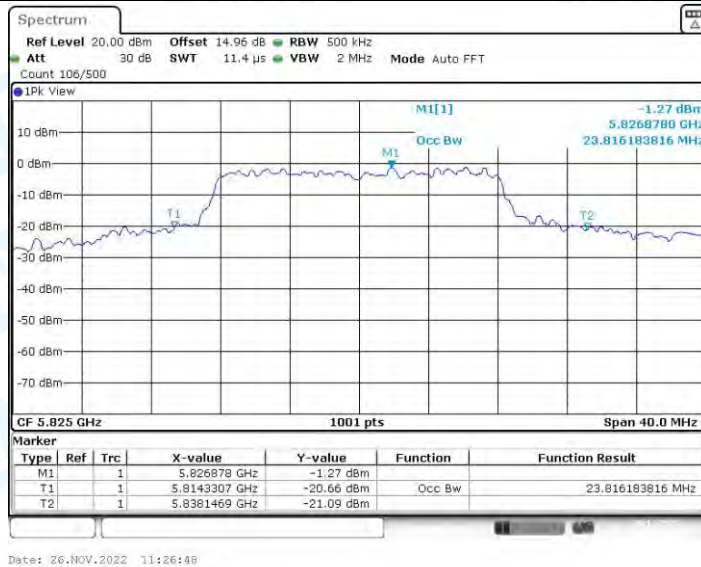
11A_Ant1_5745



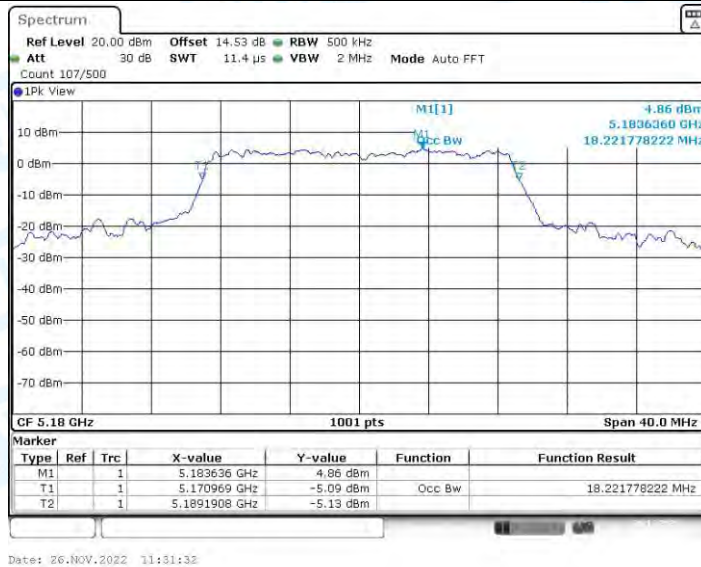
11A_Ant1_5785



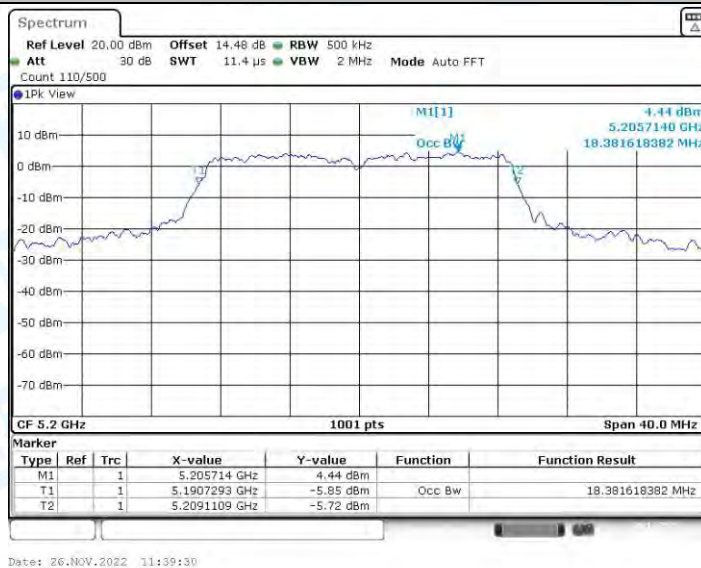
11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



Date: 26.NOV.2022 11:42:53

11N20SISO_Ant1_5745



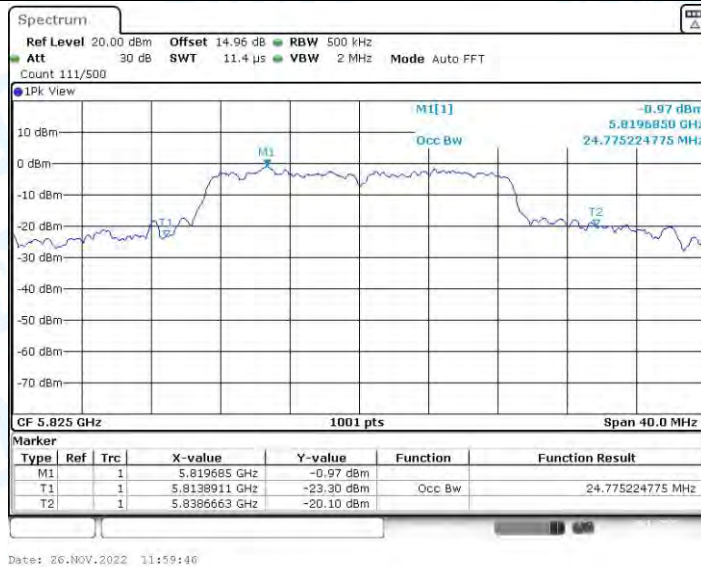
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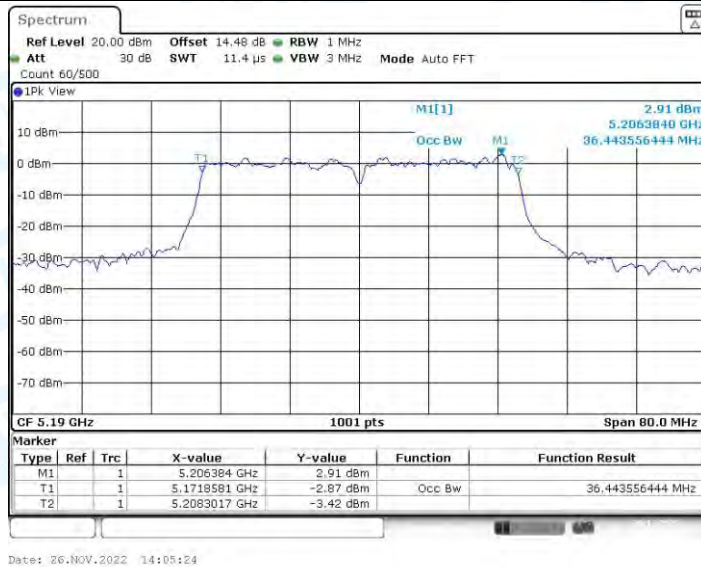


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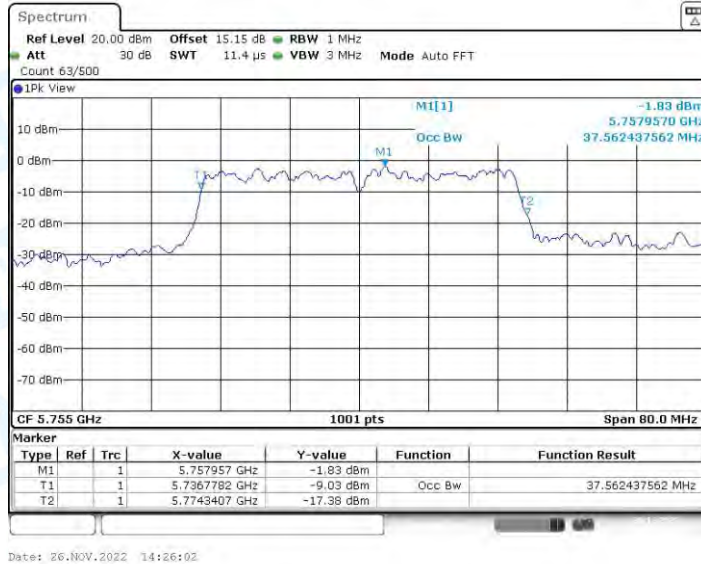
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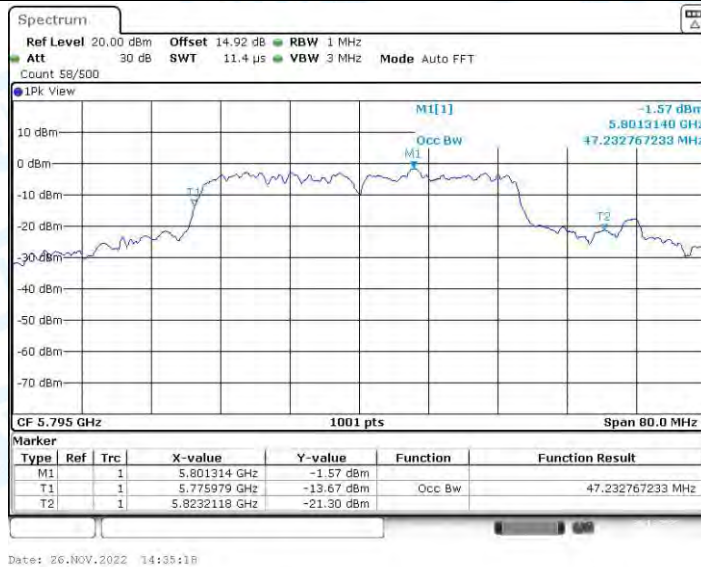
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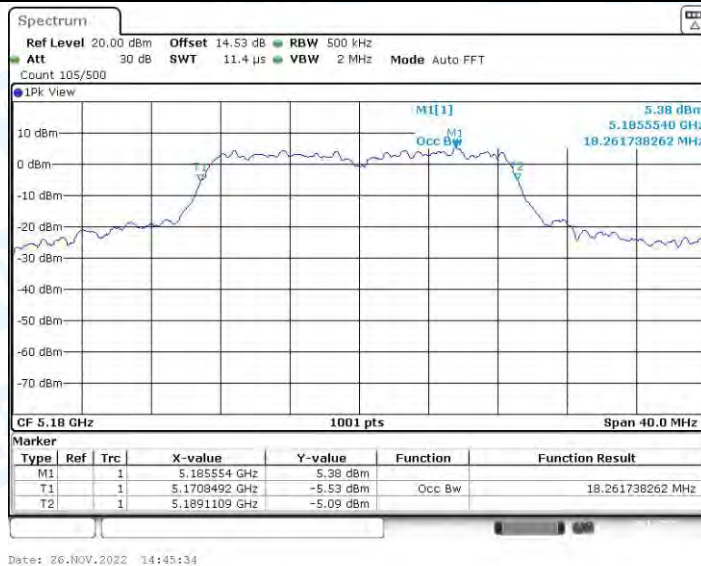
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



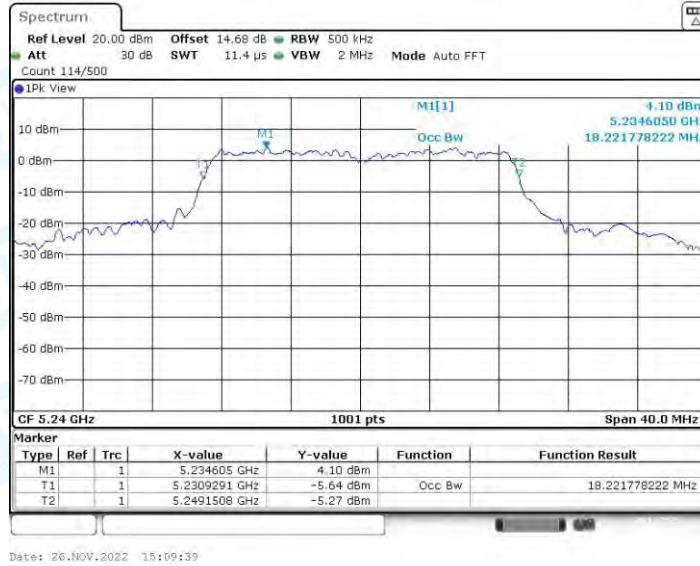
11AC20SISO_Ant1_5180



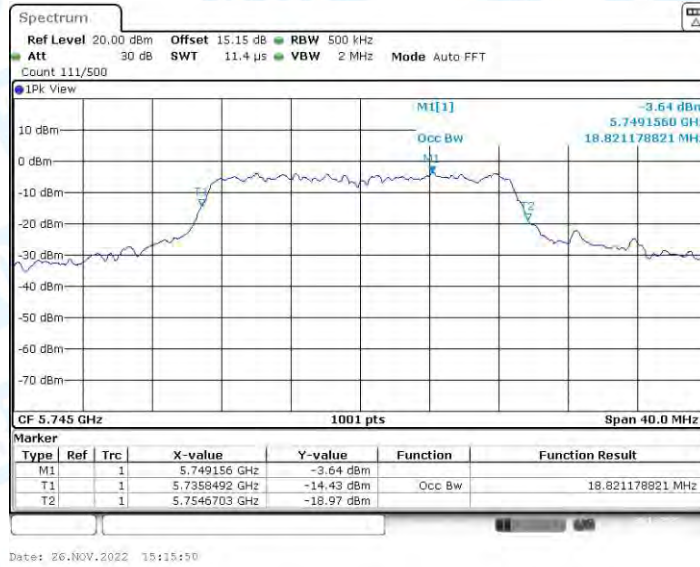
11AC20SISO_Ant1_5200



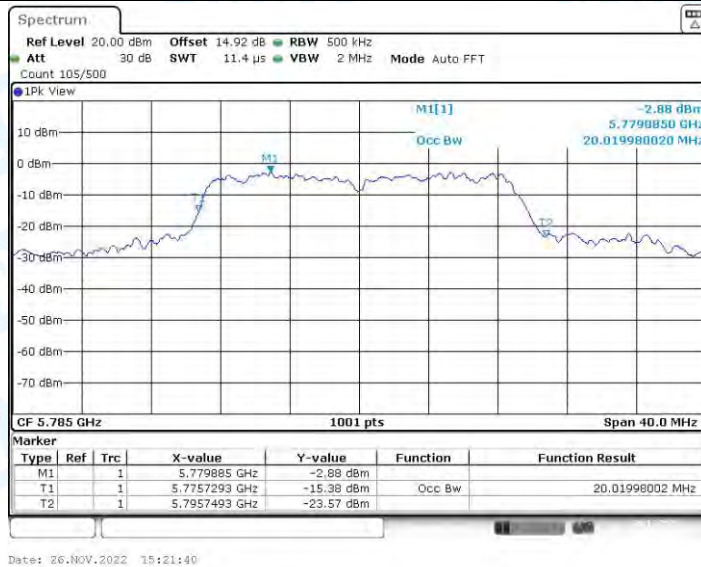
11AC20SISO_Ant1_5240



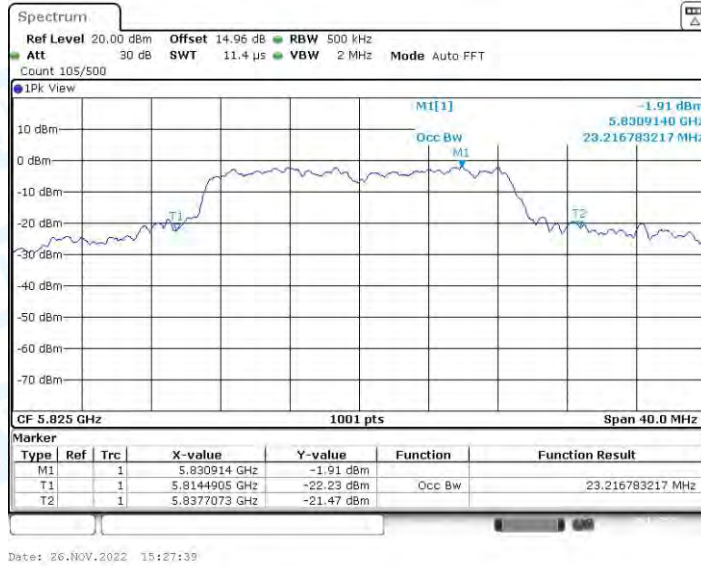
11AC20SISO_Ant1_5745



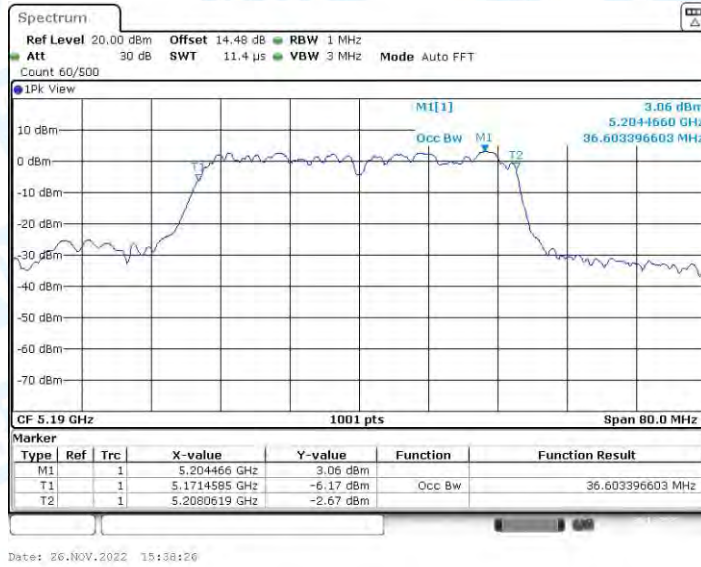
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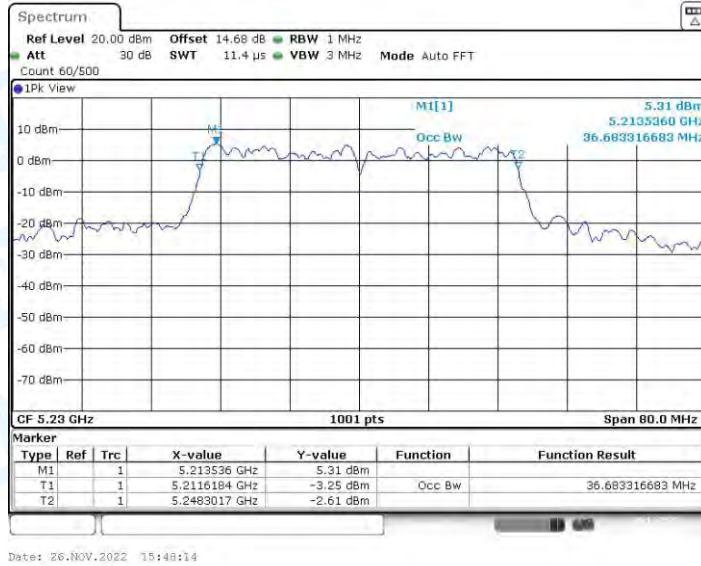
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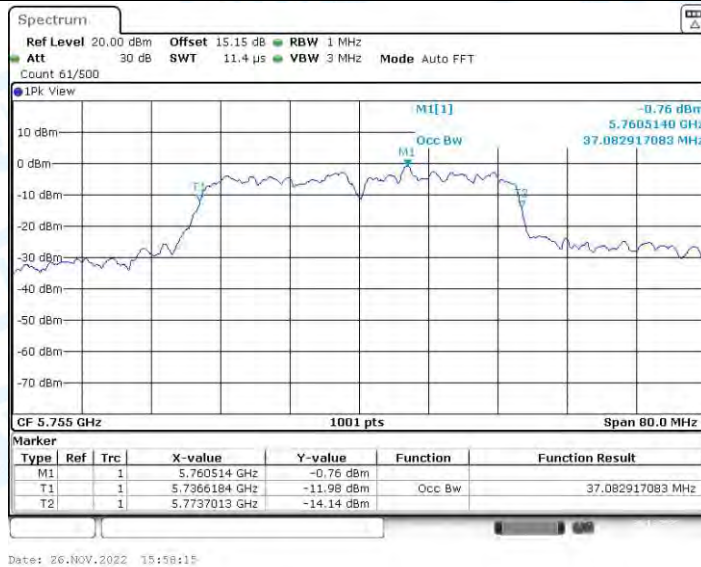
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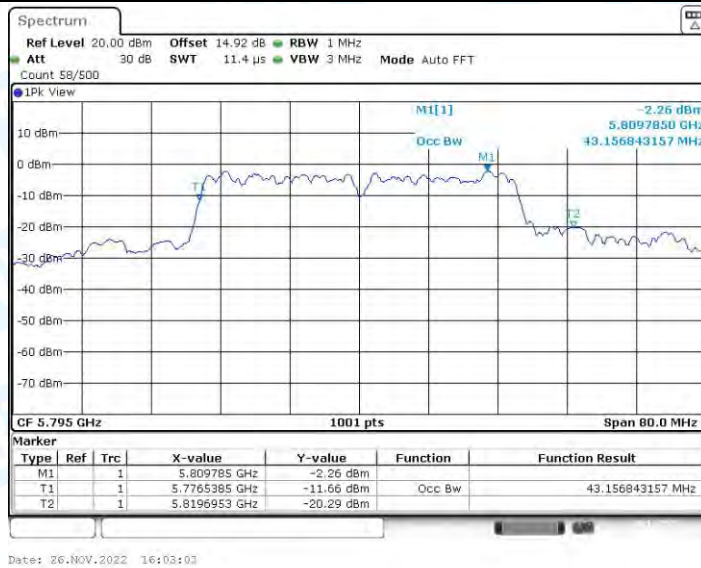
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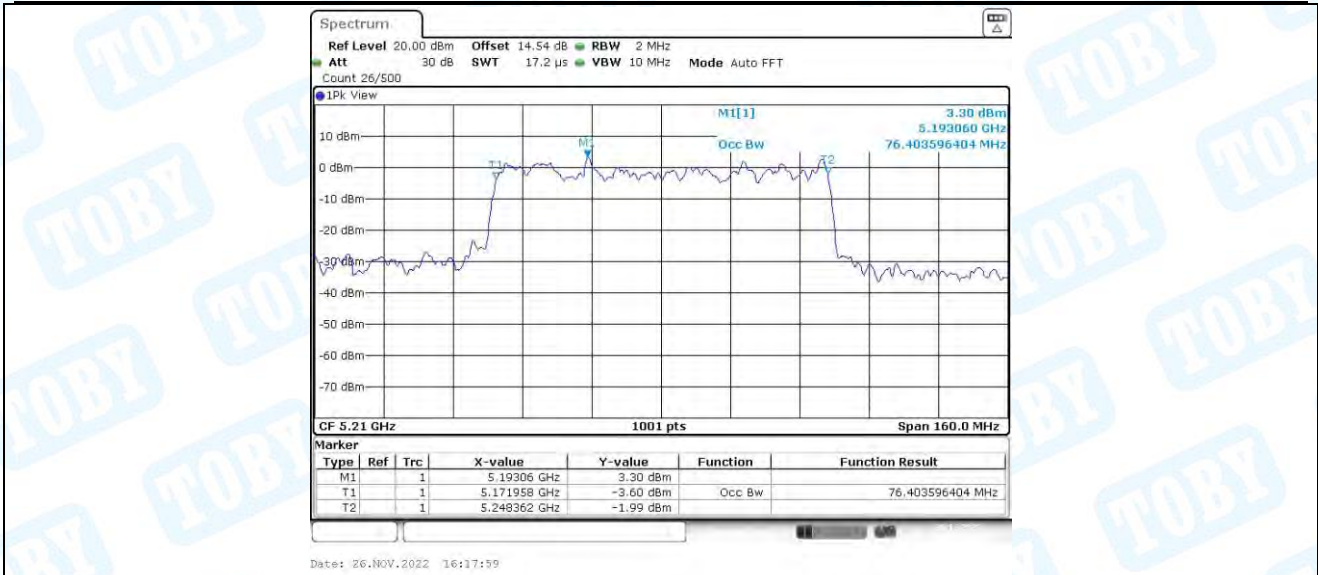
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

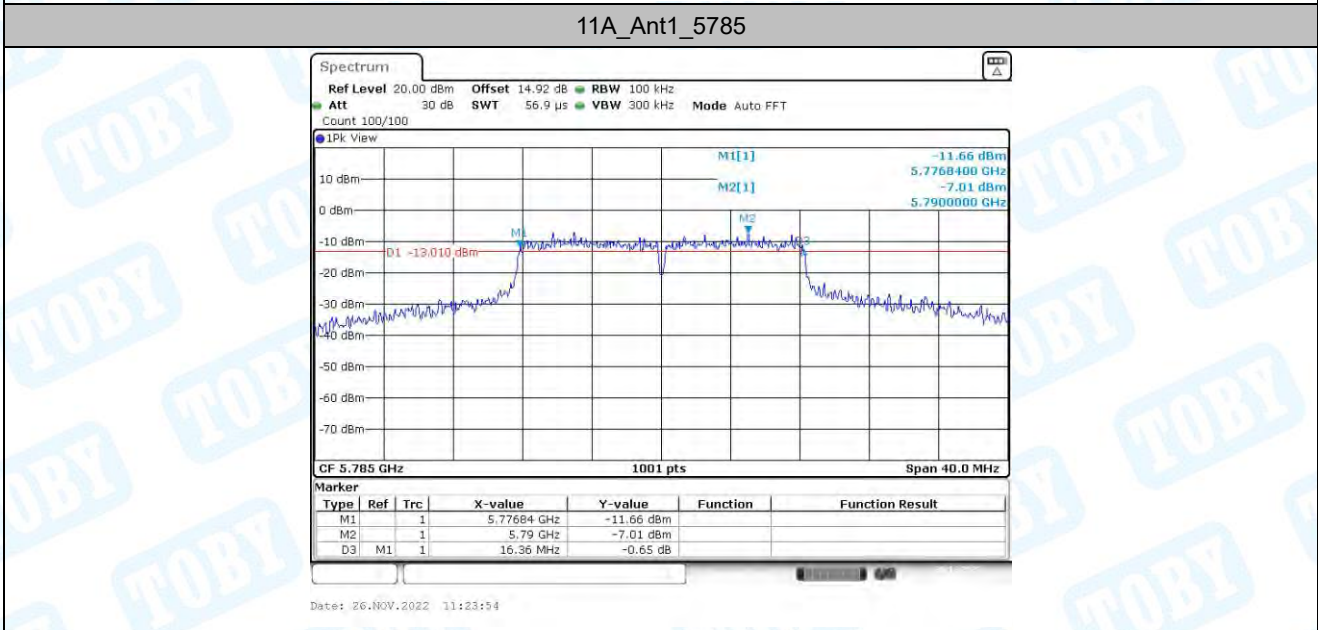
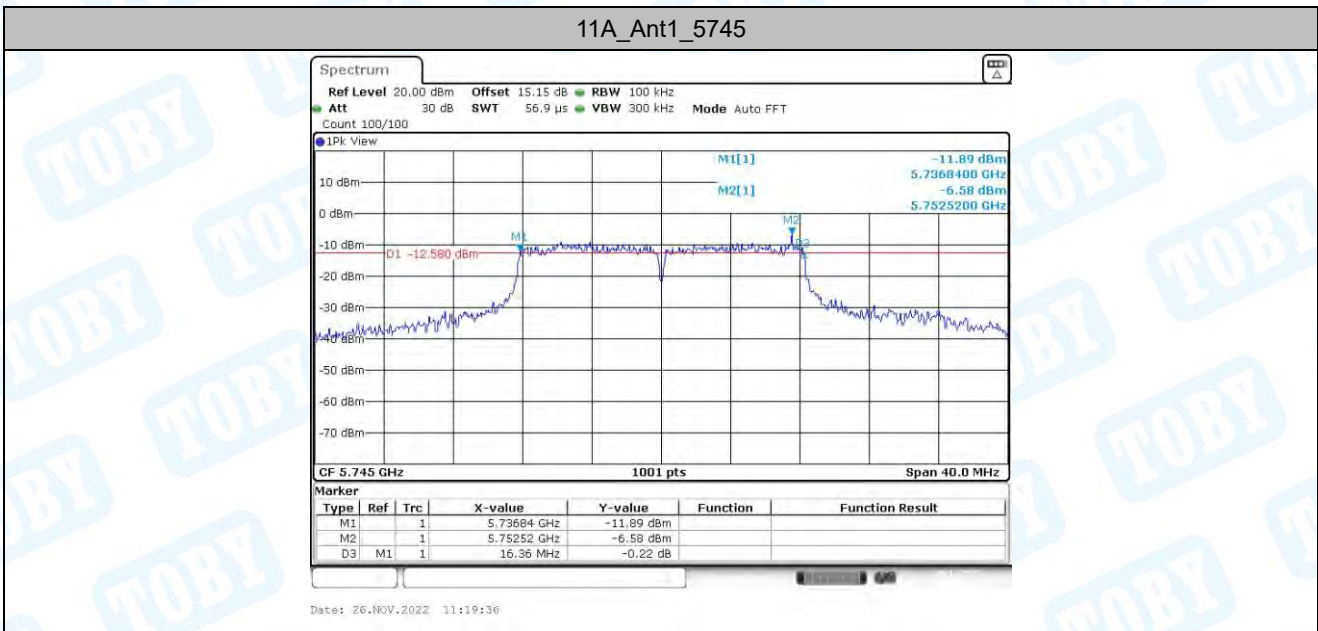


3. Min emission bandwidth

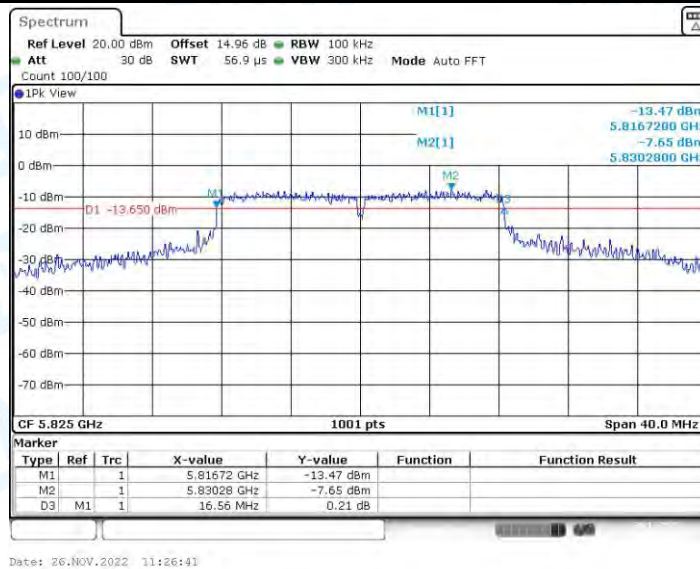
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.84	5753.20	0.5	PASS
		5785	16.36	5776.84	5793.20	0.5	PASS
		5825	16.56	5816.72	5833.28	0.5	PASS
11N20SISO	Ant1	5745	17.72	5736.20	5753.92	0.5	PASS
		5785	17.16	5776.60	5793.76	0.5	PASS
		5825	16.44	5817.08	5833.52	0.5	PASS
11N40SISO	Ant1	5755	35.36	5737.48	5772.84	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	17.28	5736.52	5753.80	0.5	PASS
		5785	17.52	5776.28	5793.80	0.5	PASS
		5825	17.56	5816.24	5833.80	0.5	PASS
11AC40SISO	Ant1	5755	35.44	5737.48	5772.92	0.5	PASS
		5795	35.76	5777.16	5812.92	0.5	PASS
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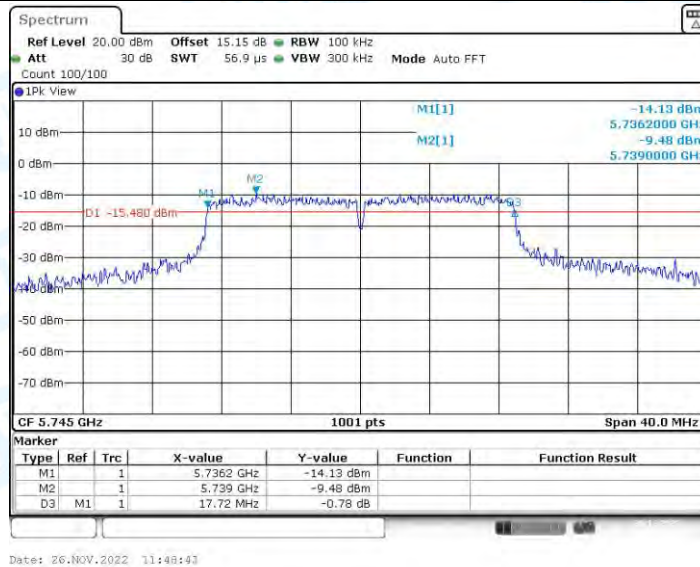
3.2. Test Graphs



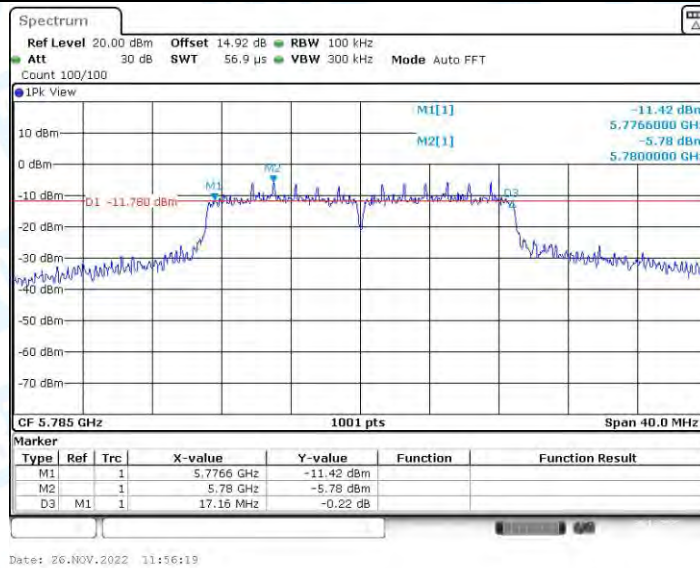
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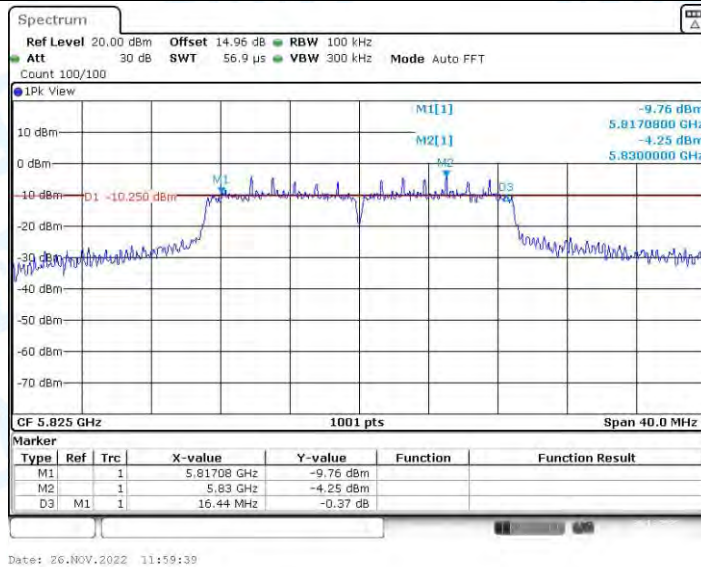
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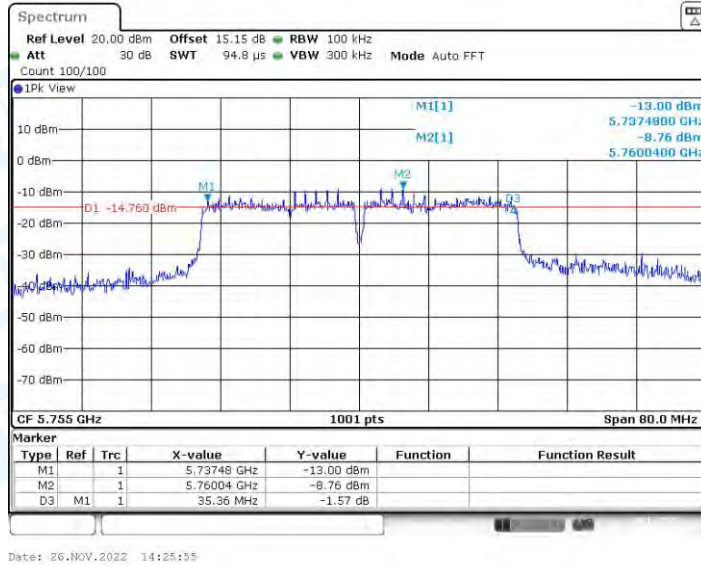
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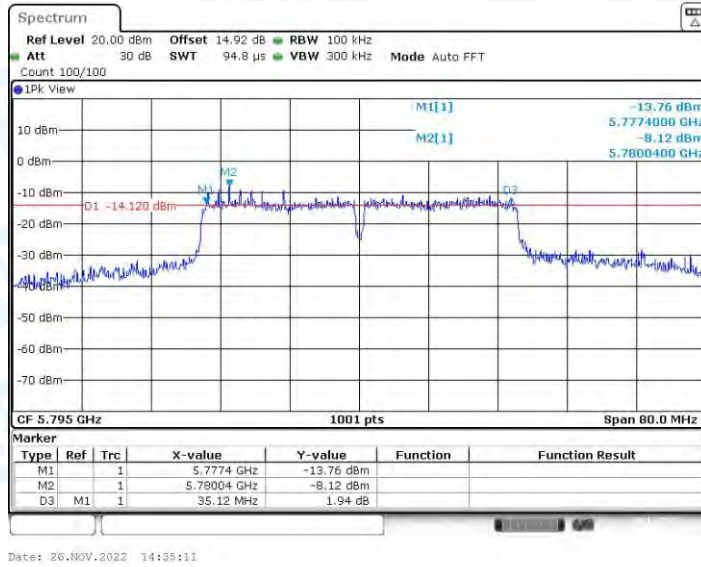
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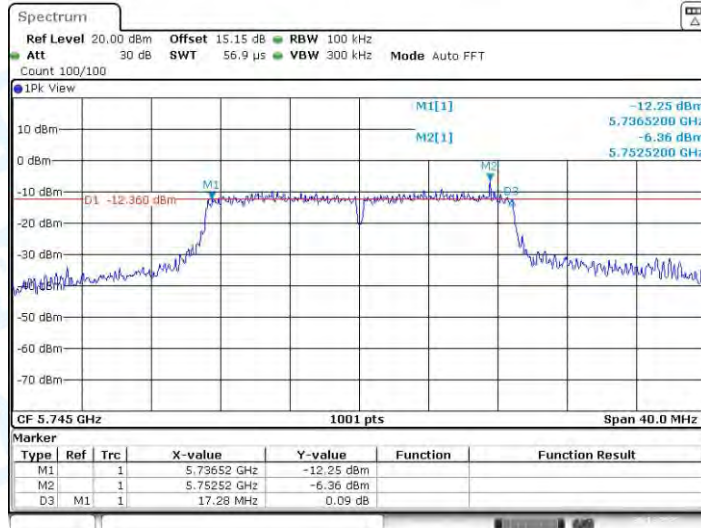
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11N40SISO_Ant1_5795

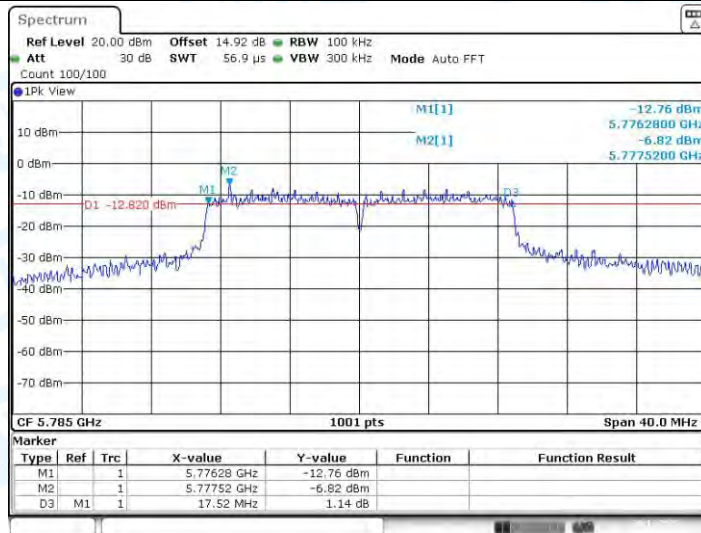


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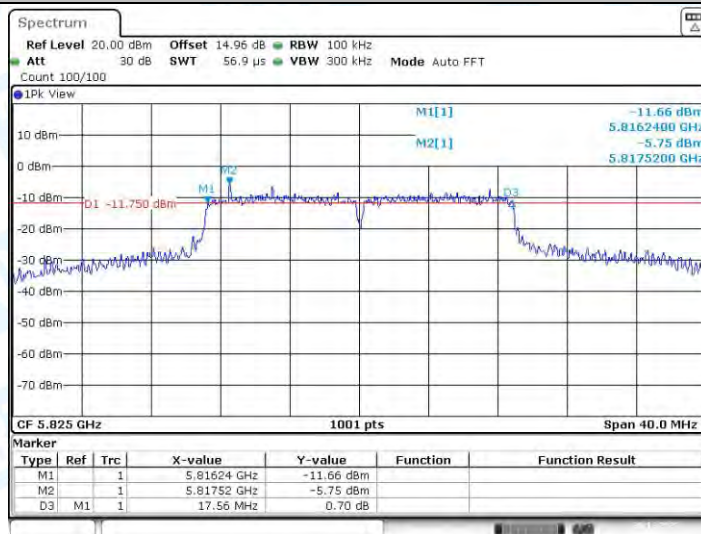
Date: 26.NOV.2022 15:15:43

11AC20SISO_Ant1_5785



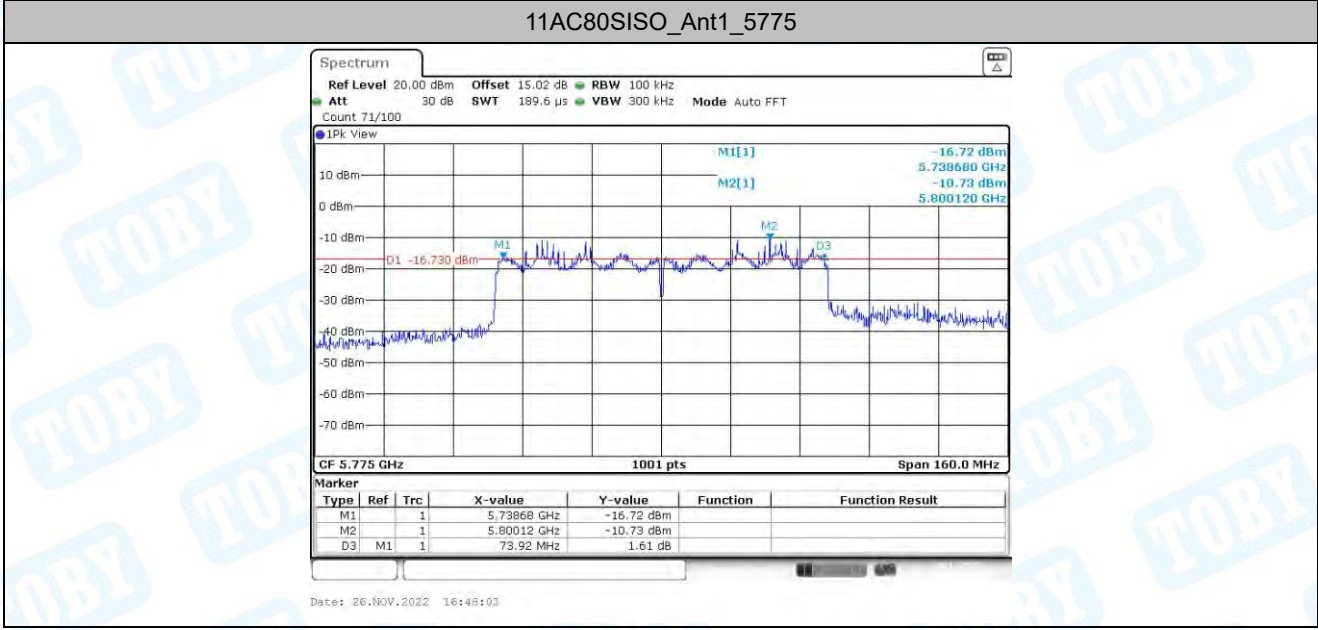
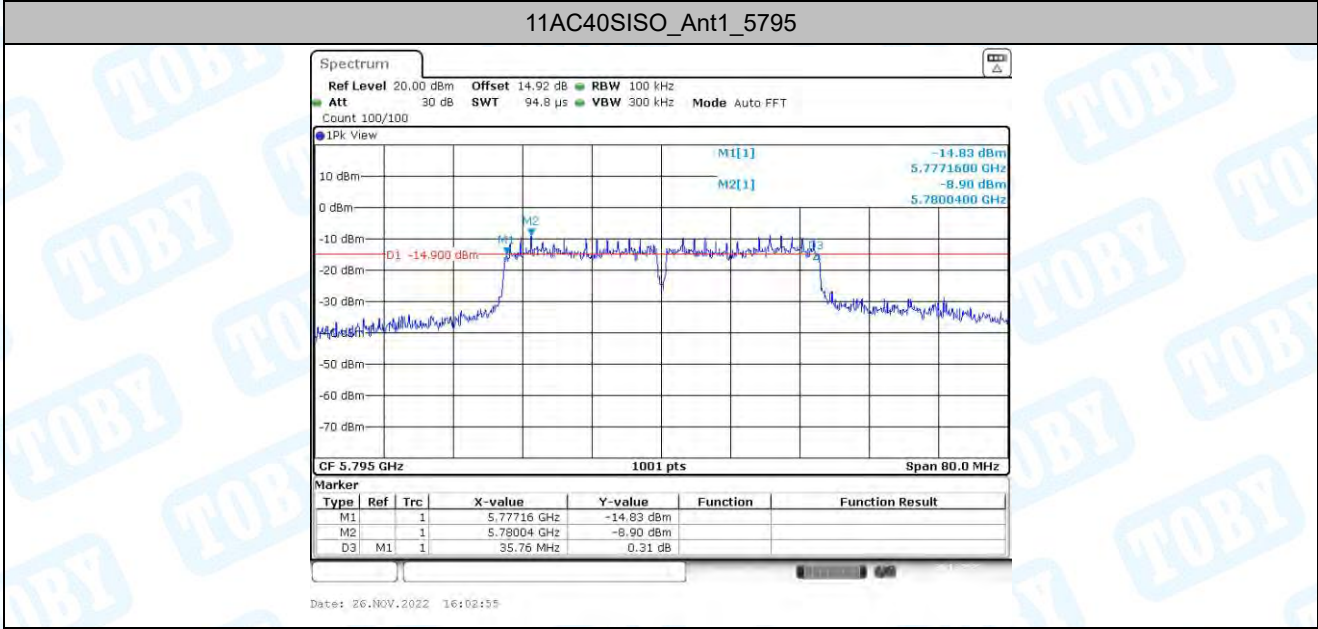
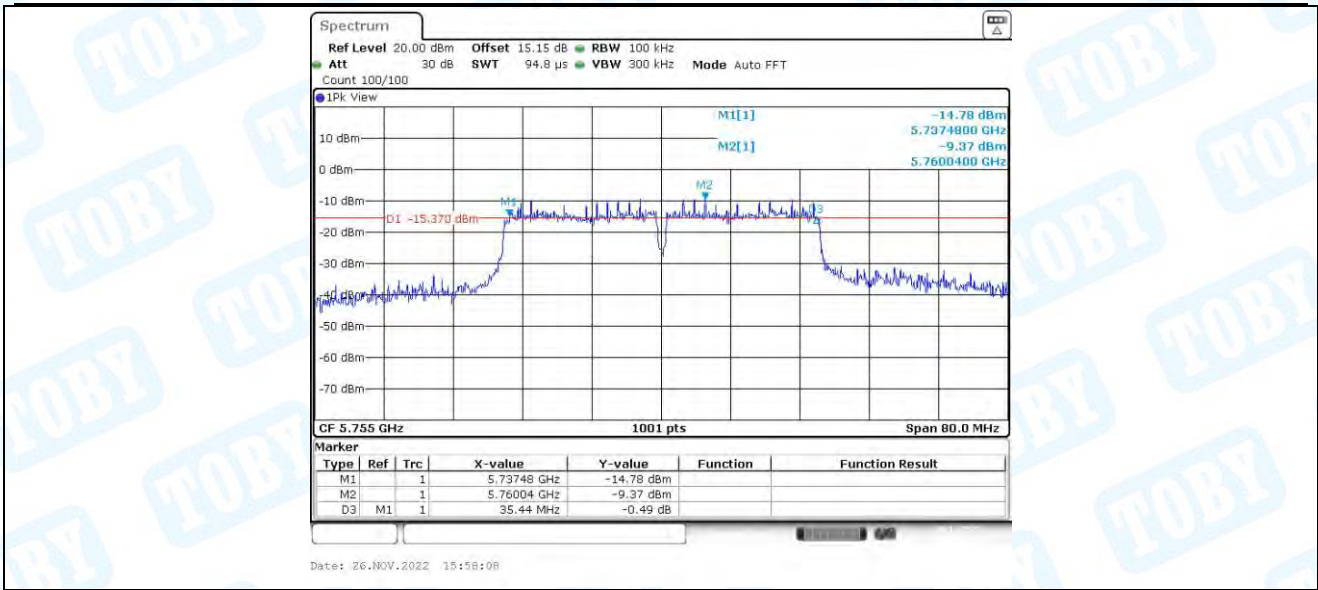
Date: 26.NOV.2022 15:21:32

11AC20SISO_Ant1_5825



Date: 26.NOV.2022 15:27:32

11AC40SISO_Ant1_5755



4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	12.72	≤23.98	PASS
		5200	12.65	≤23.98	PASS
		5240	12.39	≤23.98	PASS
		5745	6.41	≤30.00	PASS
		5785	6.82	≤30.00	PASS
		5825	7.15	≤30.00	PASS
11N20SISO	Ant1	5180	12.68	≤23.98	PASS
		5200	12.52	≤23.98	PASS
		5240	12.20	≤23.98	PASS
		5745	6.37	≤30.00	PASS
		5785	6.80	≤30.00	PASS
		5825	7.24	≤30.00	PASS
11N40SISO	Ant1	5190	10.77	≤23.98	PASS
		5230	12.62	≤23.98	PASS
		5755	6.93	≤30.00	PASS
		5795	7.29	≤30.00	PASS
11AC20SISO	Ant1	5180	12.36	≤23.98	PASS
		5200	12.61	≤23.98	PASS
		5240	12.27	≤23.98	PASS
		5745	6.16	≤30.00	PASS
		5785	6.51	≤30.00	PASS
		5825	6.95	≤30.00	PASS
11AC40SISO	Ant1	5190	10.71	≤23.98	PASS
		5230	12.36	≤23.98	PASS
		5755	6.66	≤30.00	PASS
		5795	7.10	≤30.00	PASS
11AC80SISO	Ant1	5210	12.15	≤23.98	PASS
		5775	7.50	≤30.00	PASS

5. Maximum power spectral density

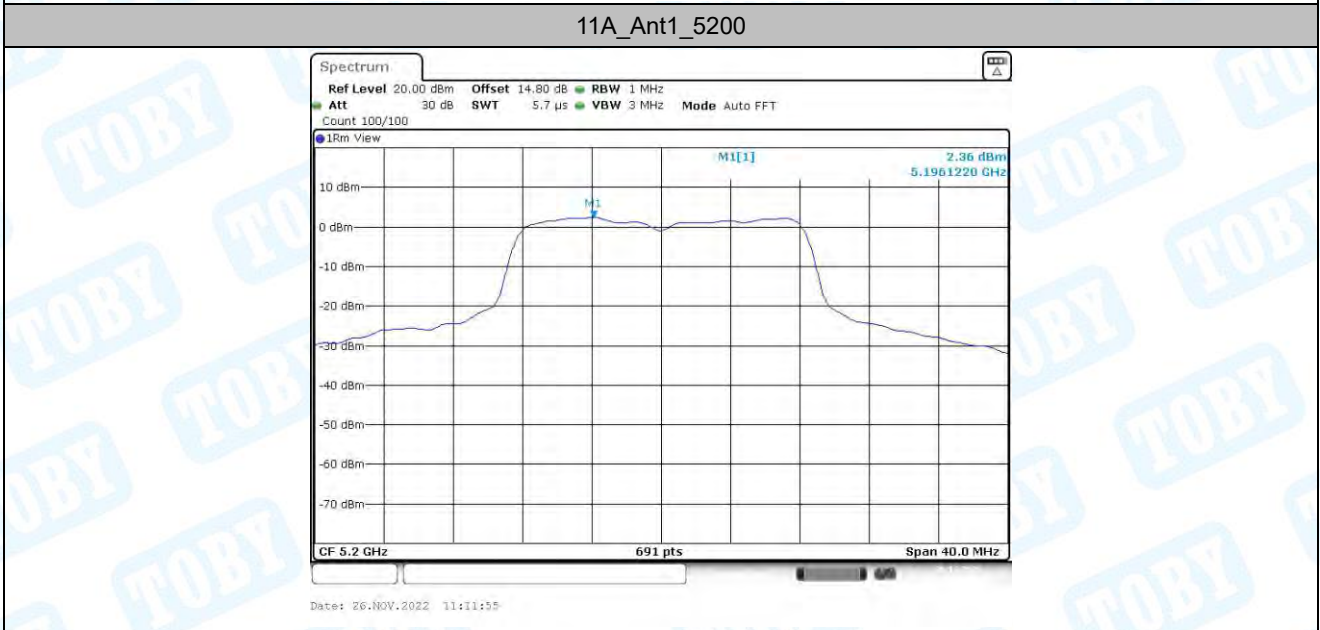
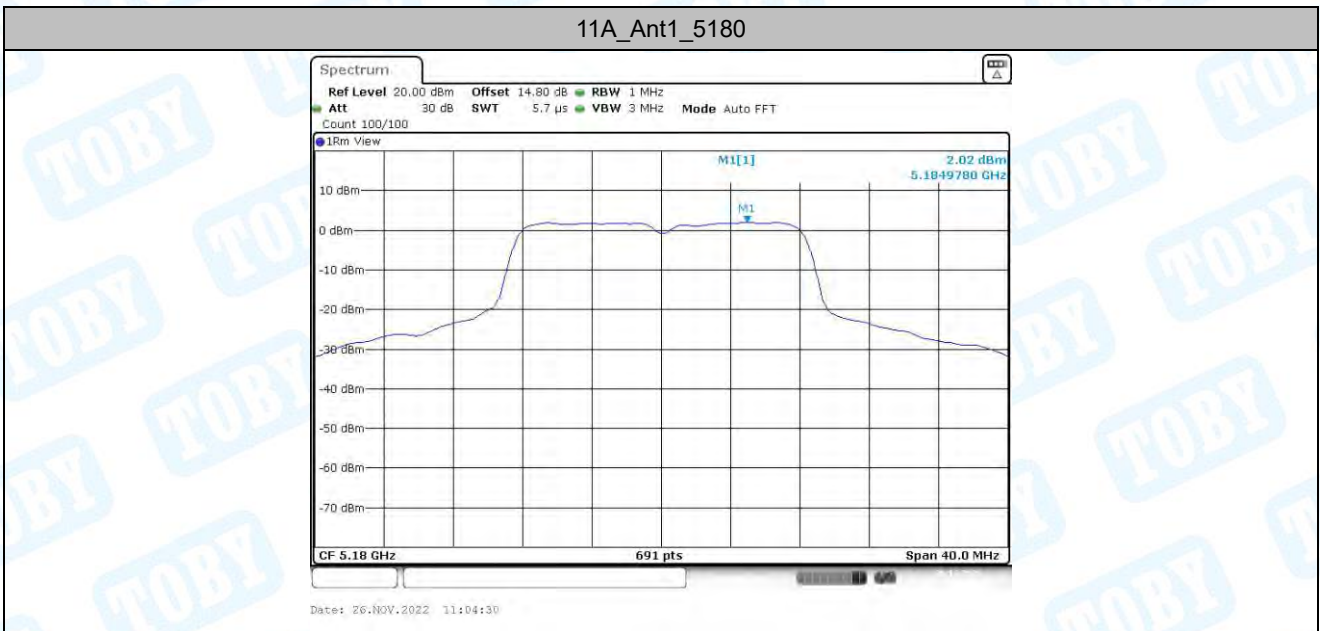
5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.02	≤11.00	PASS
		5200	2.36	≤11.00	PASS
		5240	1.55	≤11.00	PASS
		5745	-9.26	≤30.00	PASS
		5785	-8.5	≤30.00	PASS
		5825	-7.46	≤30.00	PASS
11N20SISO	Ant1	5180	1.94	≤11.00	PASS
		5200	1.44	≤11.00	PASS
		5240	0.81	≤11.00	PASS
		5745	-9.47	≤30.00	PASS
		5785	-8.91	≤30.00	PASS
		5825	-7.61	≤30.00	PASS
11N40SISO	Ant1	5190	-3.61	≤11.00	PASS
		5230	-1.79	≤11.00	PASS
		5755	-11.64	≤30.00	PASS
		5795	-10.8	≤30.00	PASS
11AC20SISO	Ant1	5180	1.55	≤11.00	PASS
		5200	1.38	≤11.00	PASS
		5240	0.8	≤11.00	PASS
		5745	-9.56	≤30.00	PASS
		5785	-9.16	≤30.00	PASS
		5825	-8.23	≤30.00	PASS
11AC40SISO	Ant1	5190	-3.35	≤11.00	PASS
		5230	-2.23	≤11.00	PASS
		5755	-11.82	≤30.00	PASS
		5795	-11.12	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.19	≤11.00	PASS
		5775	-13	≤30.00	PASS

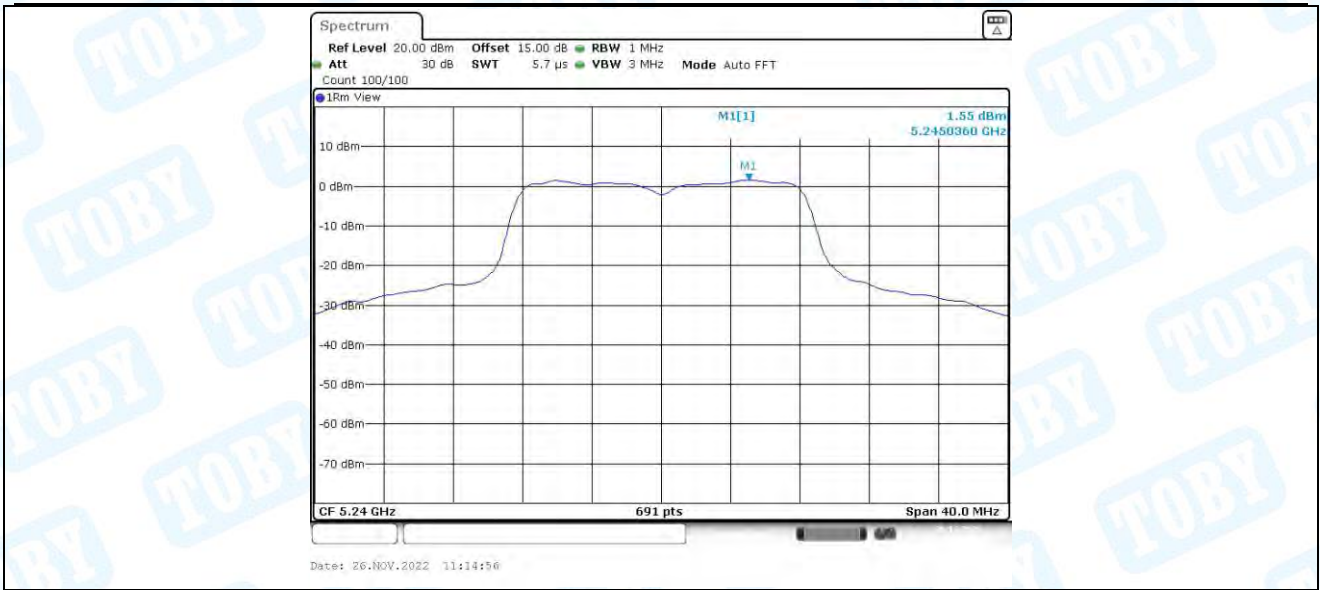
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

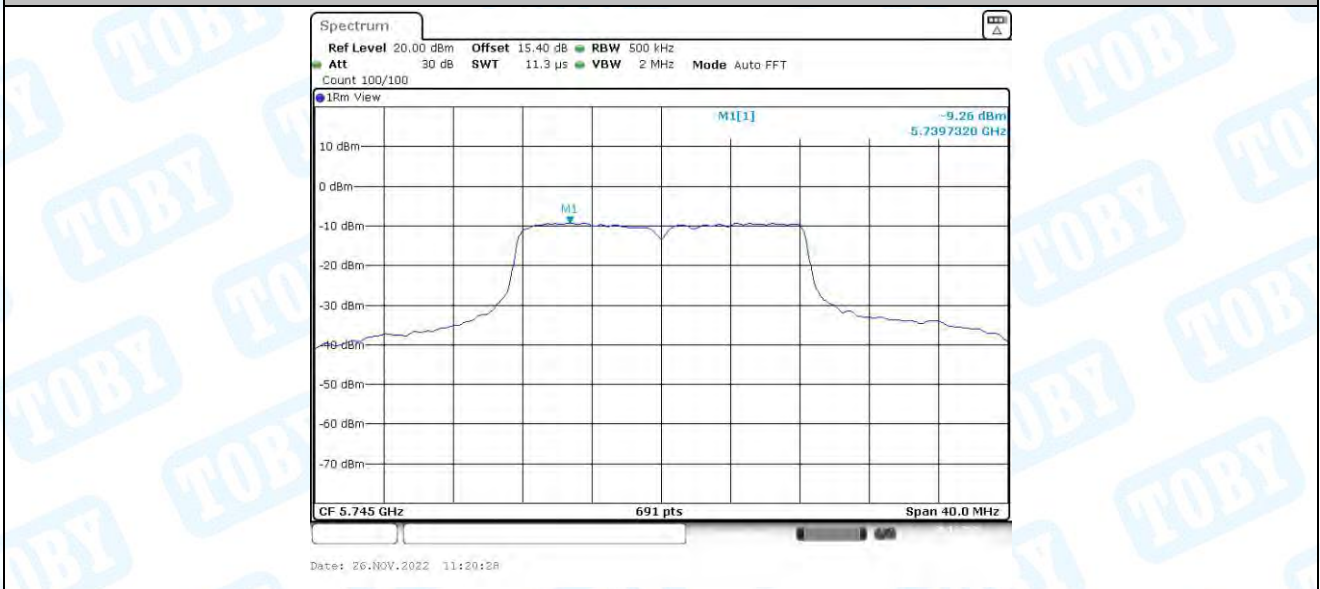
5.2. Test Graphs



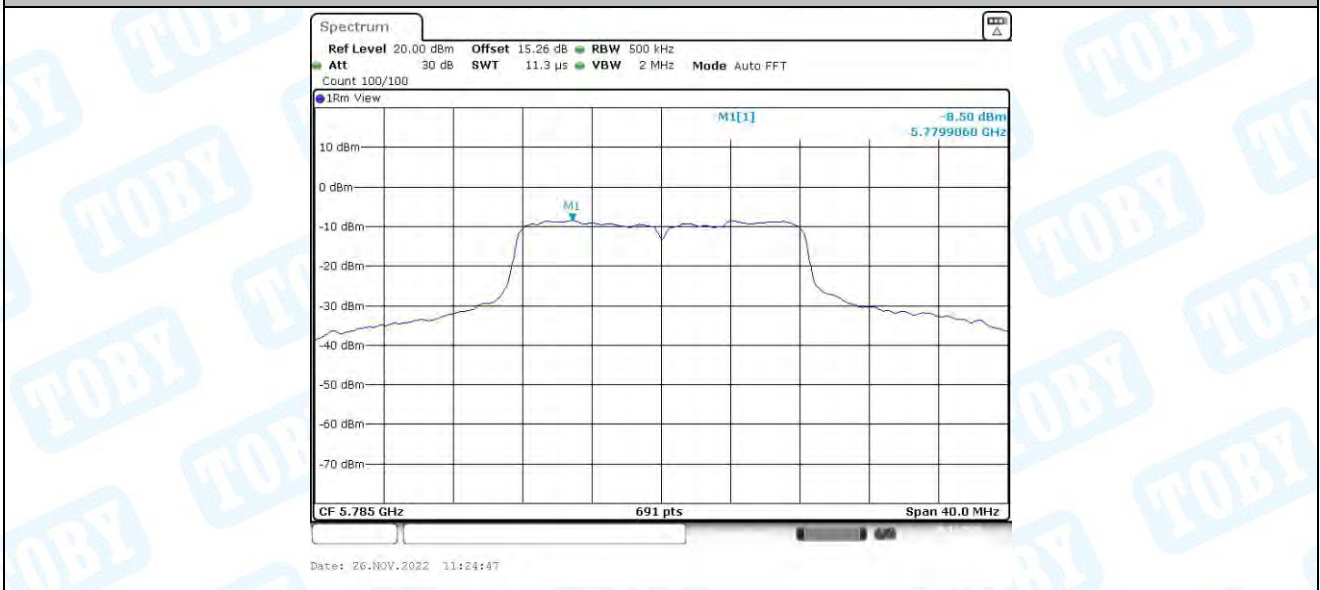
11A_Ant1_5240



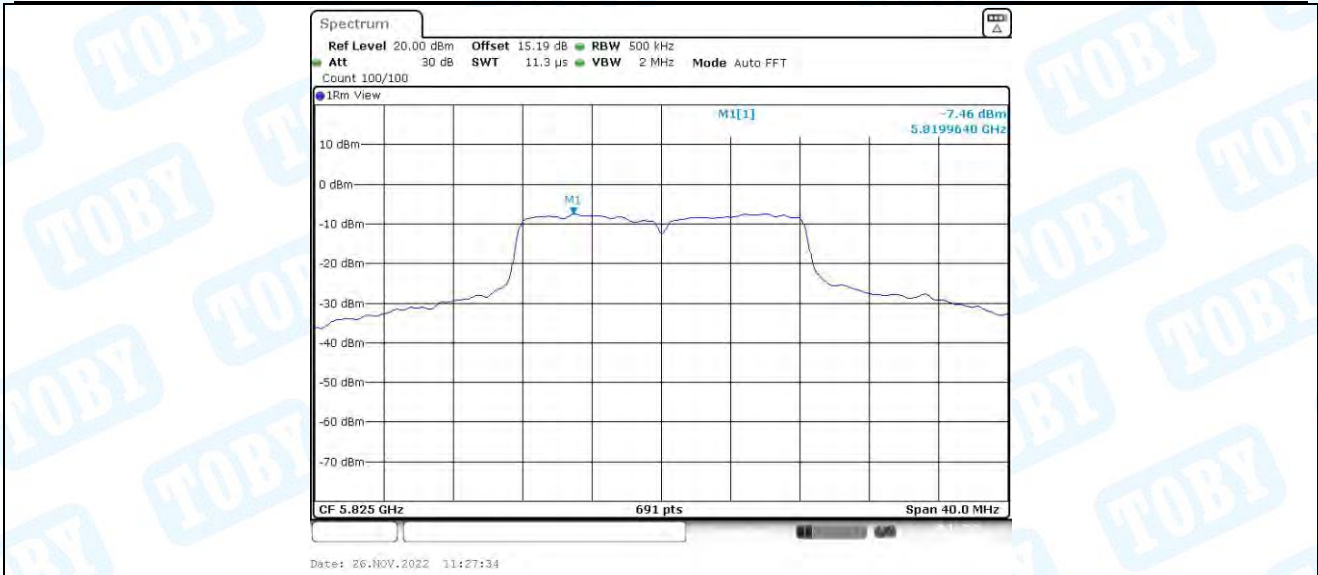
11A_Ant1_5745



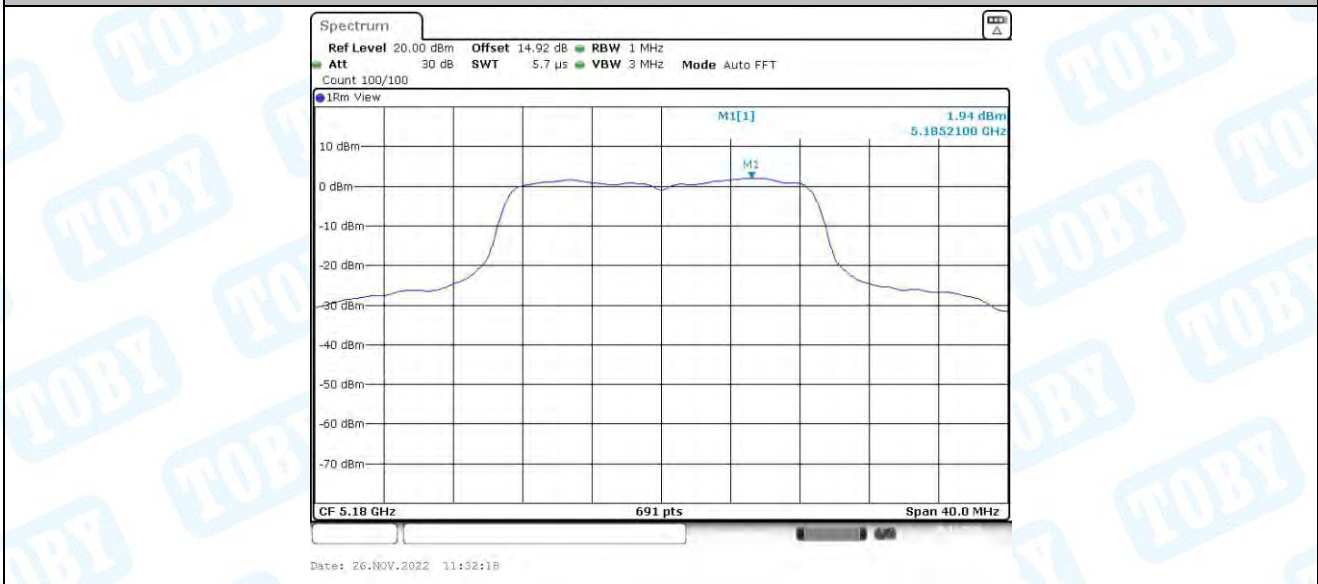
11A_Ant1_5785



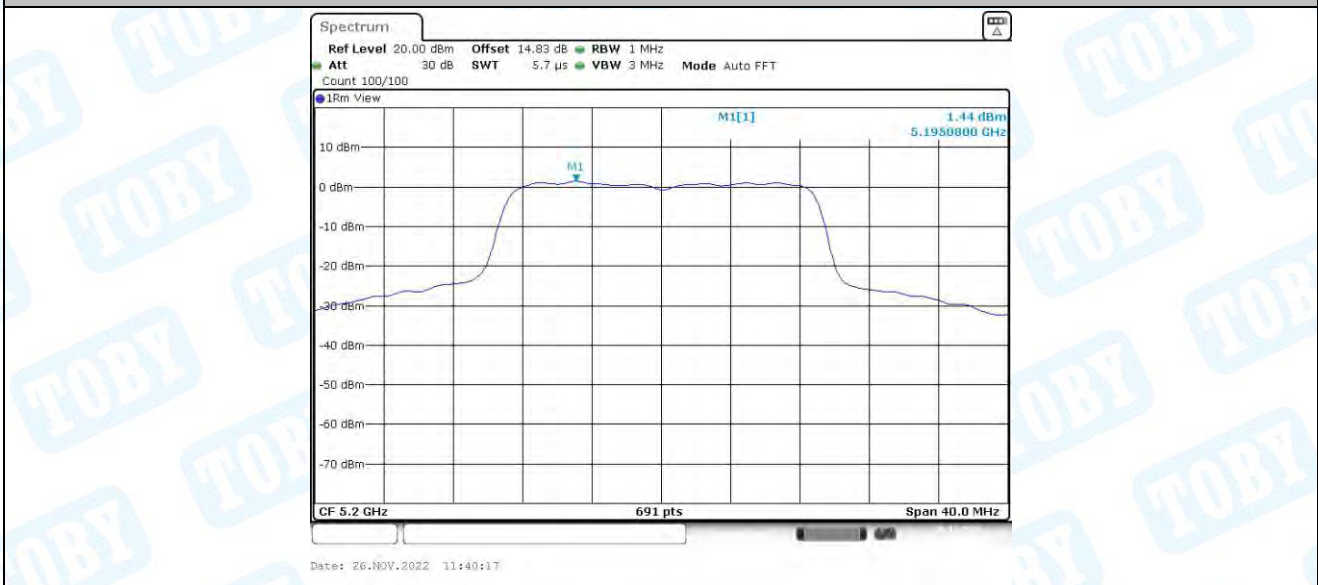
11A_Ant1_5825



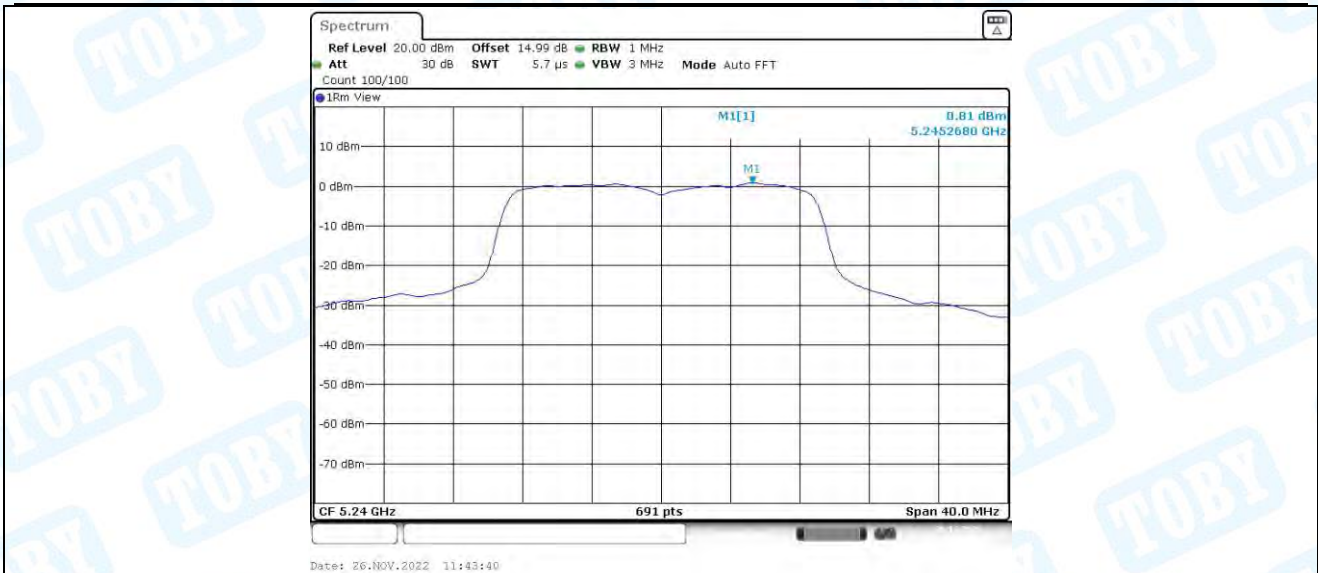
11N20SISO_Ant1_5180



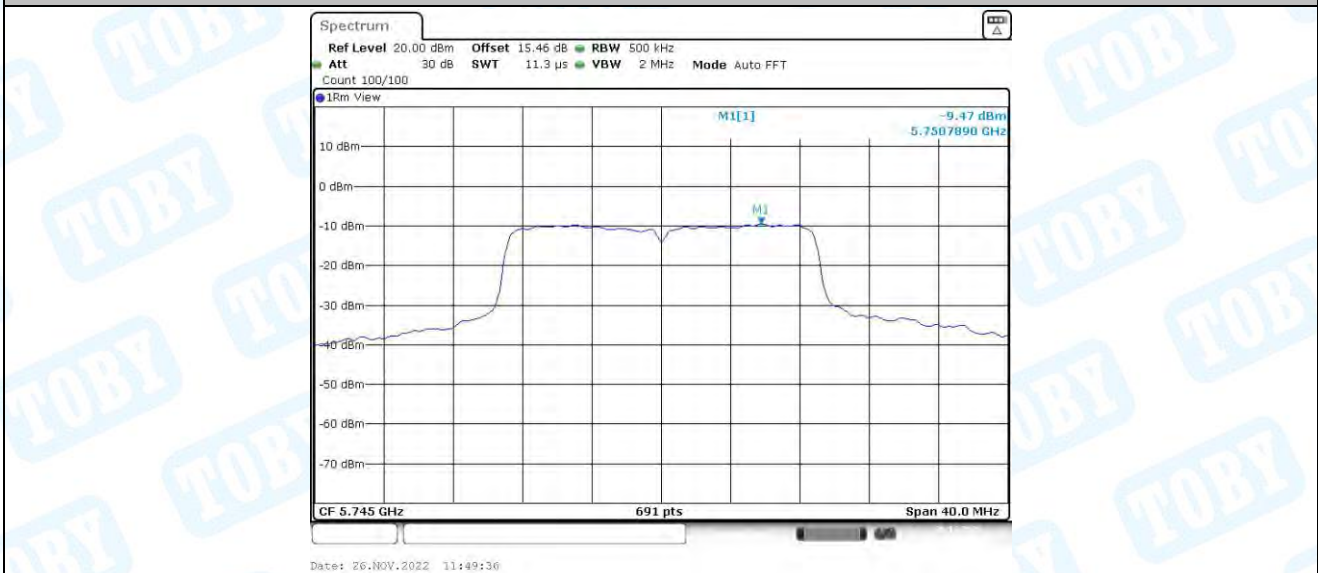
11N20SISO_Ant1_5200



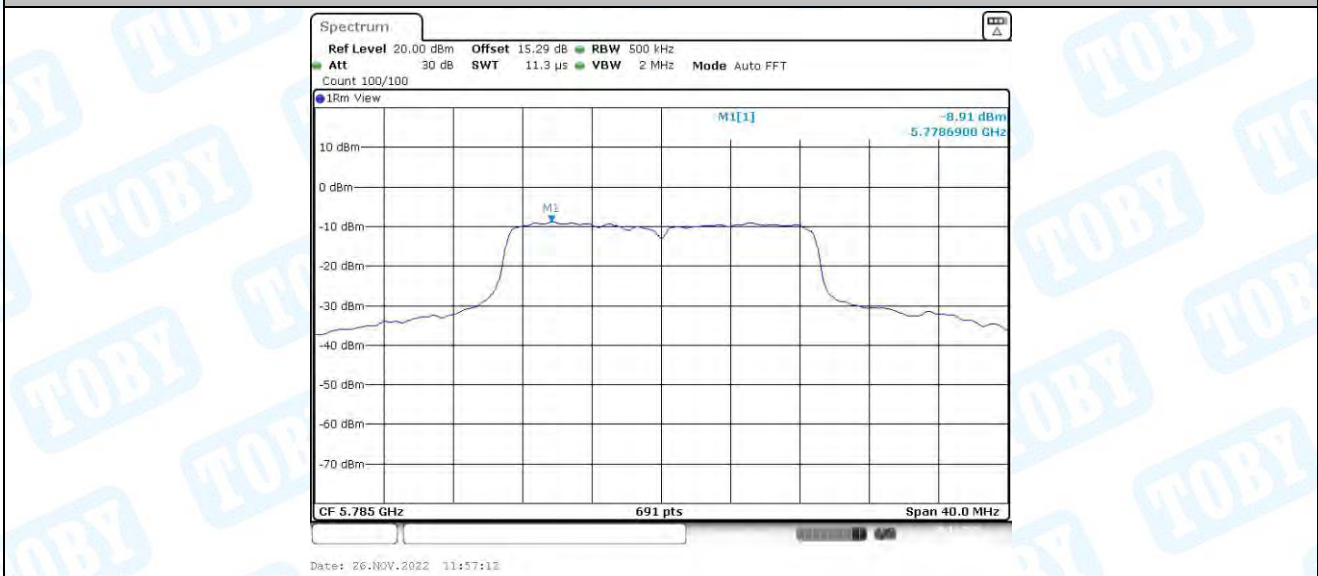
11N20SISO_Ant1_5240



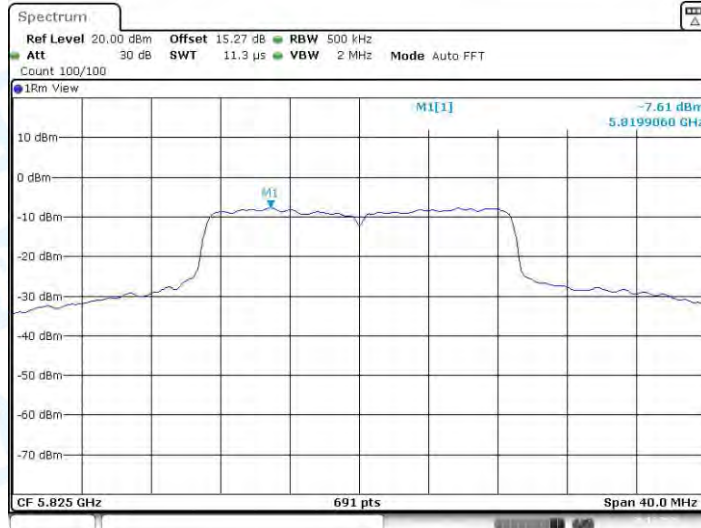
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



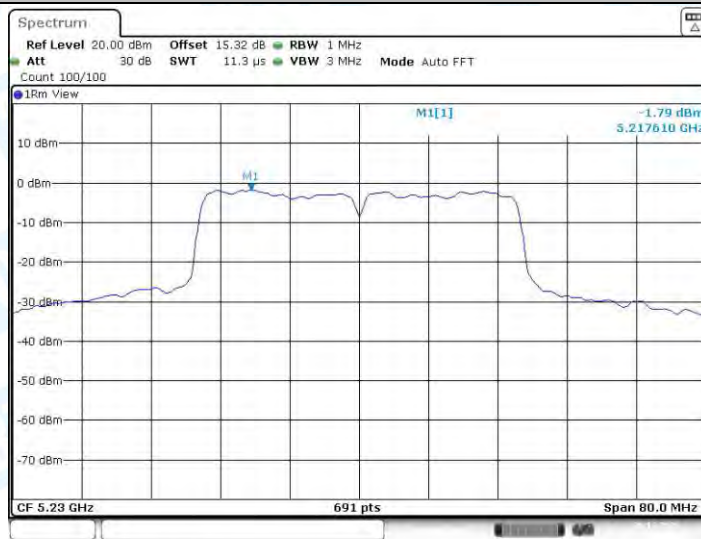
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



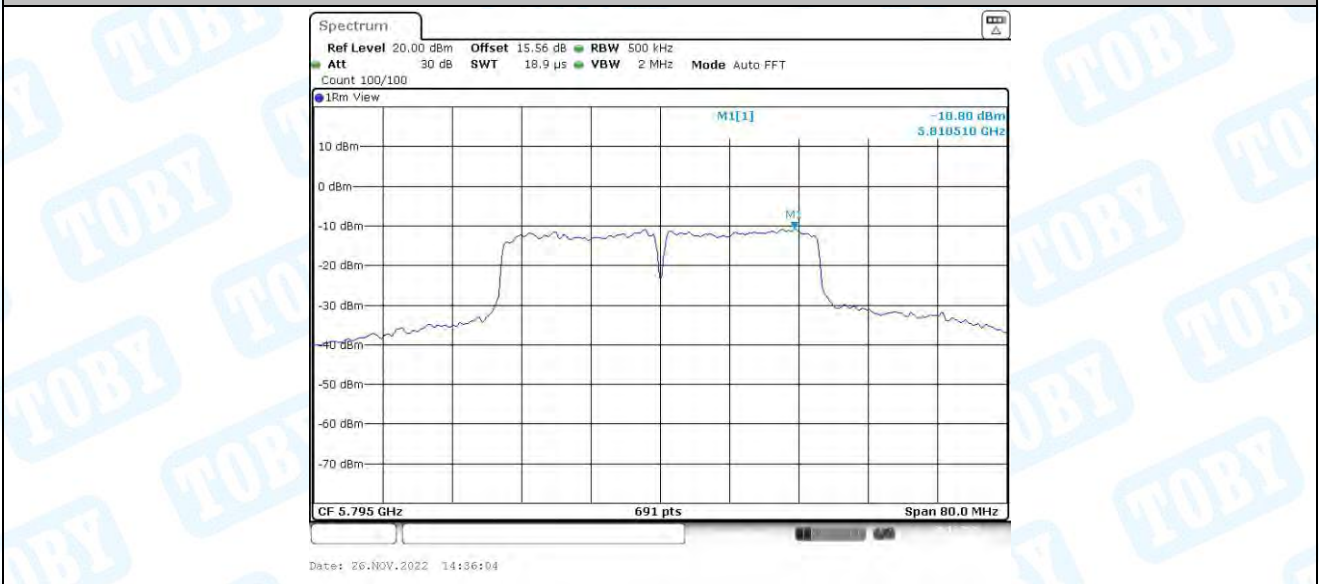
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



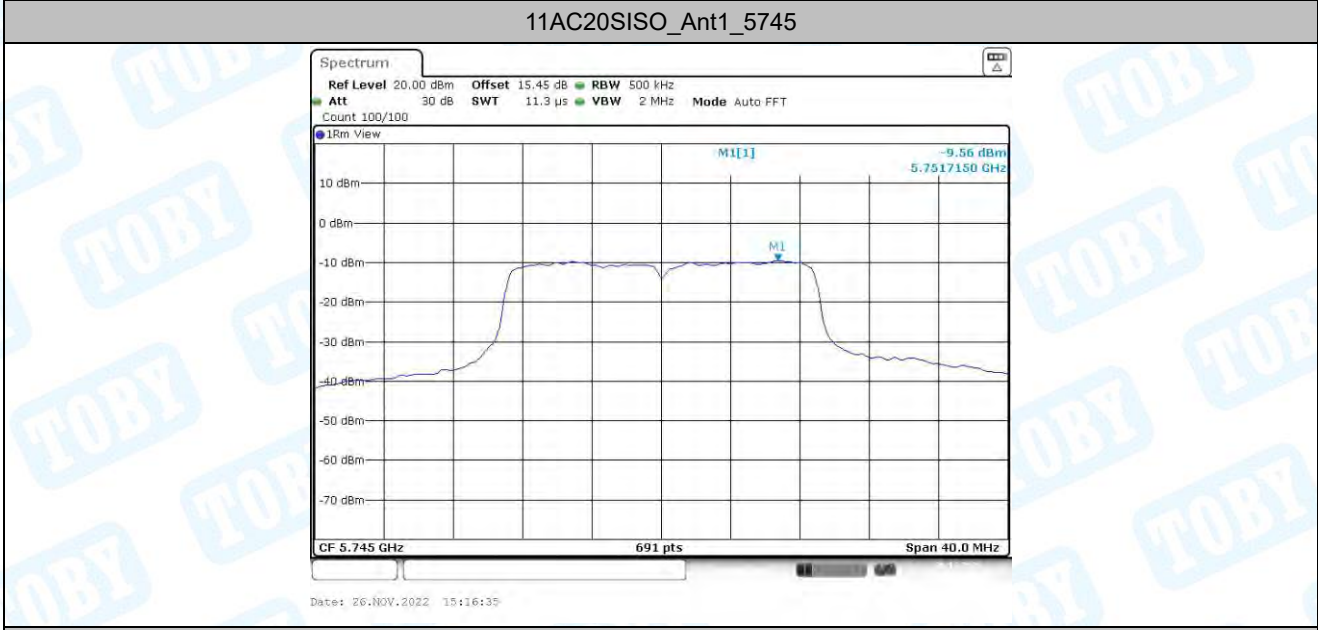
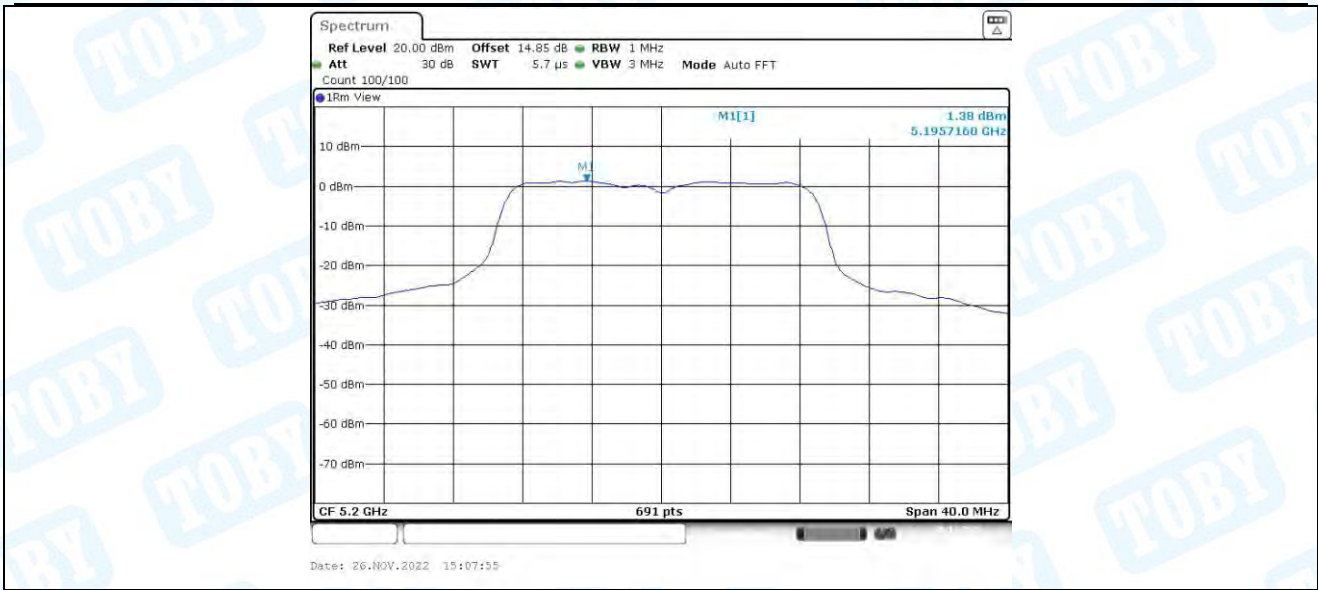
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200





Date: 26.NOV.2022 15:22:26

11AC20SISO_Ant1_5825



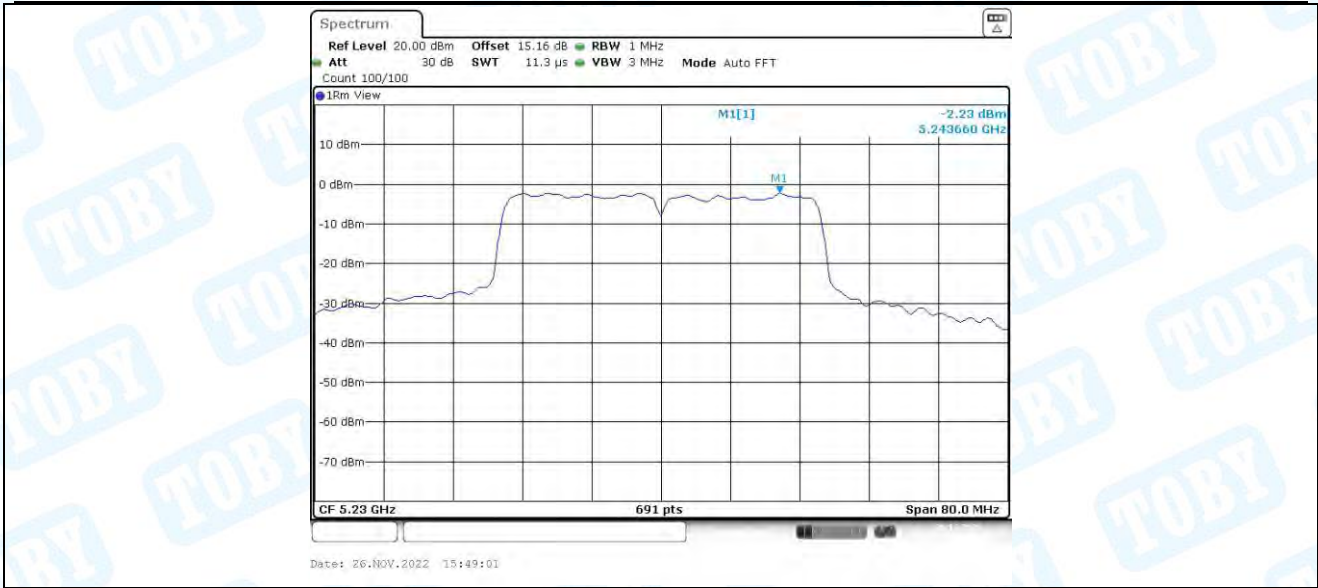
Date: 26.NOV.2022 15:28:25

11AC40SISO_Ant1_5190



Date: 26.NOV.2022 15:59:12

11AC40SISO_Ant1_5230



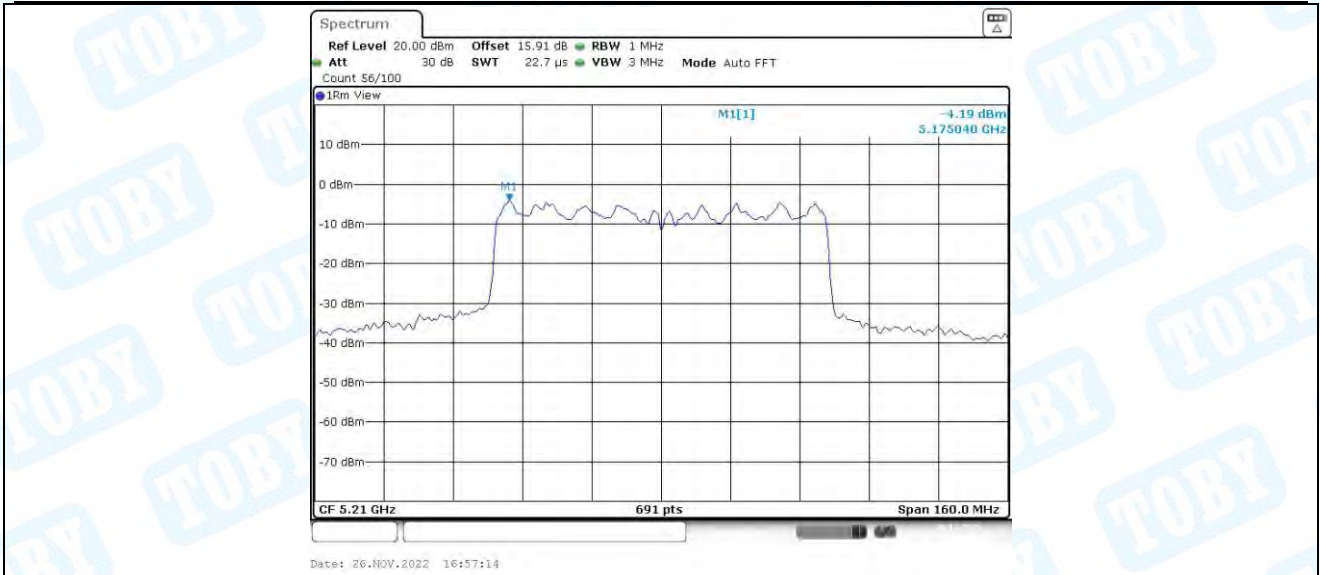
11AC40SISO_Ant1_5755



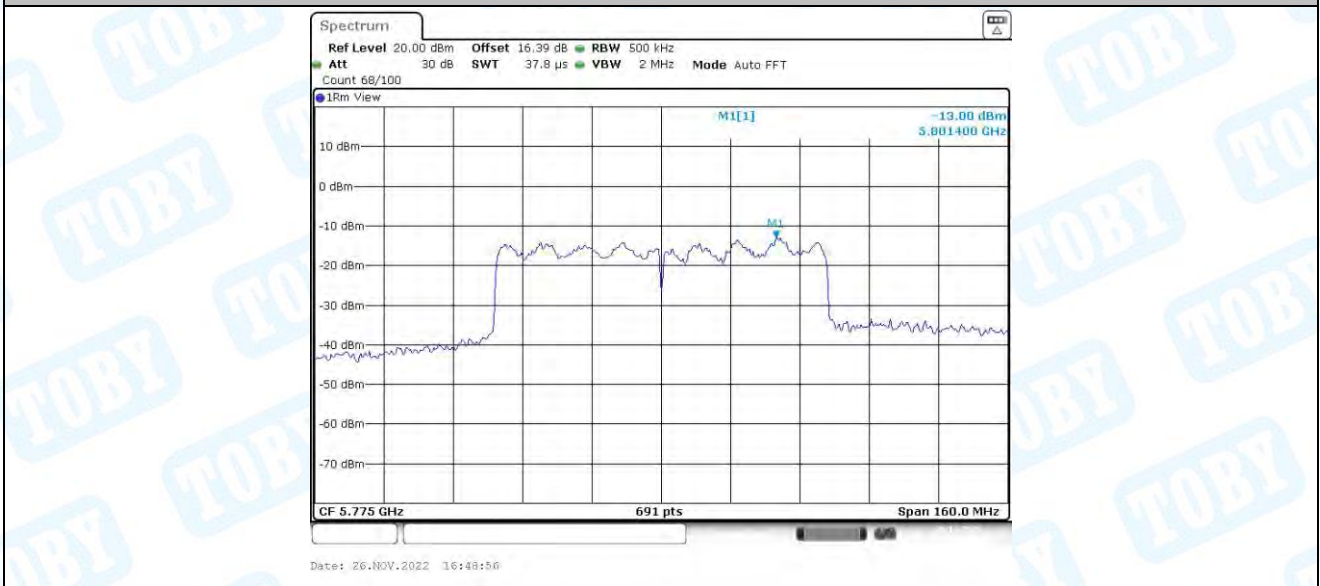
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



6. Band edge measurements

6.1. Test Result

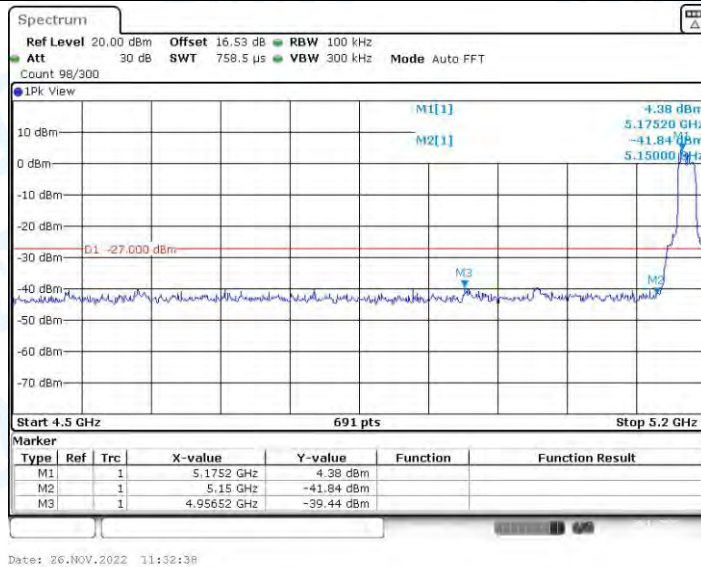
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-39.62	≤-27	PASS
		High	5240	-39.54	≤-27	PASS
11N20SISO	Ant1	Low	5180	-39.44	≤-27	PASS
		High	5240	-39.98	≤-27	PASS
11N40SISO	Ant1	Low	5190	-38.75	≤-27	PASS
		High	5230	-39.93	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-39.58	≤-27	PASS
		High	5240	-39.71	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-38.72	≤-27	PASS
		High	5230	-39.76	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-32.49	≤-27	PASS
		High	5210	-39.85	≤-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.91	≤-3.20	PASS
				5700~5720	-38.04	≤15.27	PASS
				5720~5725	-35.9	≤25.86	PASS
				5760~5650	-40.19	≤-27	PASS
		High	5825	5850~5855	-33.55	≤19.81	PASS
				5855~5875	-36.81	≤10.16	PASS
				5875~5925	-39.23	≤-11.12	PASS
				5925~5935	-40.33	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.21	≤-16.76	PASS
				5700~5720	-38.12	≤15.60	PASS
				5720~5725	-36.06	≤27.00	PASS
				5760~5650	-41.09	≤-27	PASS
		High	5825	5850~5855	-32.73	≤22.49	PASS
				5855~5875	-35.63	≤10.43	PASS
				5875~5925	-38.95	≤-6.92	PASS
				5925~5935	-39.1	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-39.21	≤8.10	PASS
				5700~5720	-33.88	≤14.98	PASS
				5720~5725	-33.82	≤23.48	PASS
				5780~5650	-40.14	≤-27	PASS
		High	5795	5850~5855	-37.16	≤25.66	PASS
				5855~5875	-37.56	≤10.37	PASS
				5875~5925	-38.72	≤-0.30	PASS
				5925~5935	-39.99	≤-27	PASS

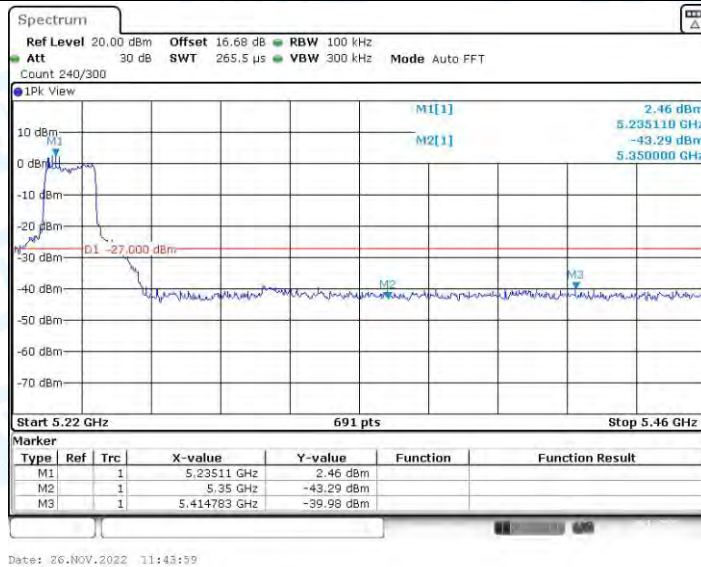
11AC20SIS O	Ant1	Low	5745	5650~5700	-39.25	≤-4.43	PASS
				5700~5720	-38.63	≤15.13	PASS
				5720~5725	-36.45	≤25.86	PASS
				5760~5650	-41.03	≤-27	PASS
	High	5825	5850~5855	-34.3	≤20.26	PASS	
			5855~5875	-37.2	≤10.05	PASS	
			5875~5925	-38.31	≤-0.12	PASS	
5925~5935	-40.08	≤-27	PASS				
11AC40SIS O	Ant1	Low	5755	5650~5700	-39.94	≤1.30	PASS
				5700~5720	-36.52	≤15.53	PASS
				5720~5725	-34.7	≤26.60	PASS
				5780~5650	-40.76	≤-27	PASS
	High	5795	5850~5855	-37.69	≤16.94	PASS	
			5855~5875	-38.49	≤11.24	PASS	
			5875~5925	-39.07	≤9.08	PASS	
5925~5935	-40.56	≤-27	PASS				
11AC80SIS O	Ant1	Low	5775	5650~5700	-37.13	≤2.55	PASS
				5700~5720	-34.91	≤15.36	PASS
				5720~5725	-35.14	≤19.76	PASS
				5800~5650	-41.57	≤-27	PASS
	High	5775	5850~5855	-29.16	≤21.12	PASS	
			5855~5875	-28.55	≤12.13	PASS	
			5875~5925	-36.27	≤-22.28	PASS	
5925~5935	-39.11	≤-27	PASS				

6.2. Test Graphs

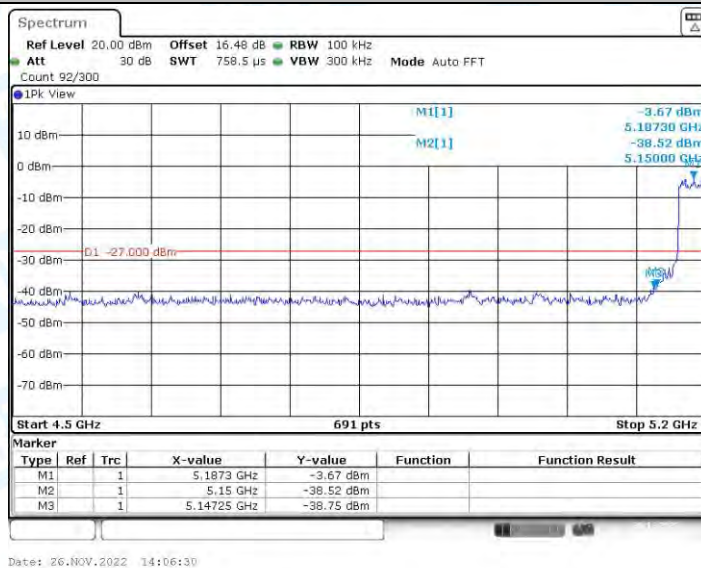




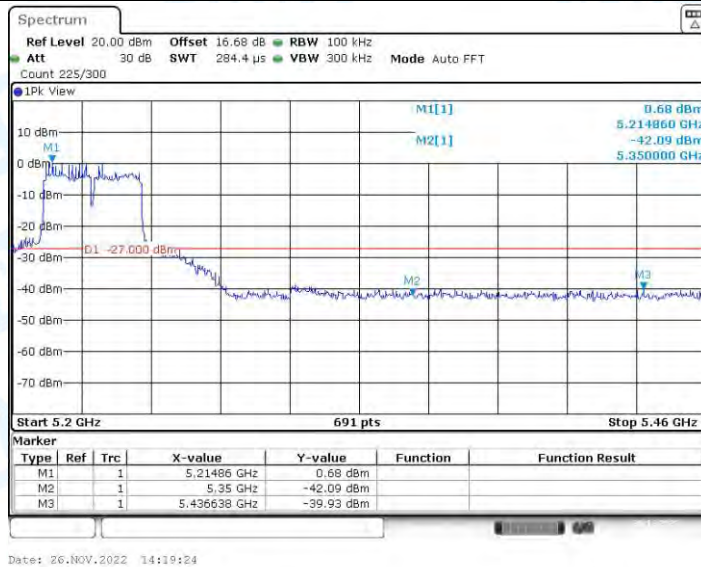
11N20SISO_Ant1_High_5240



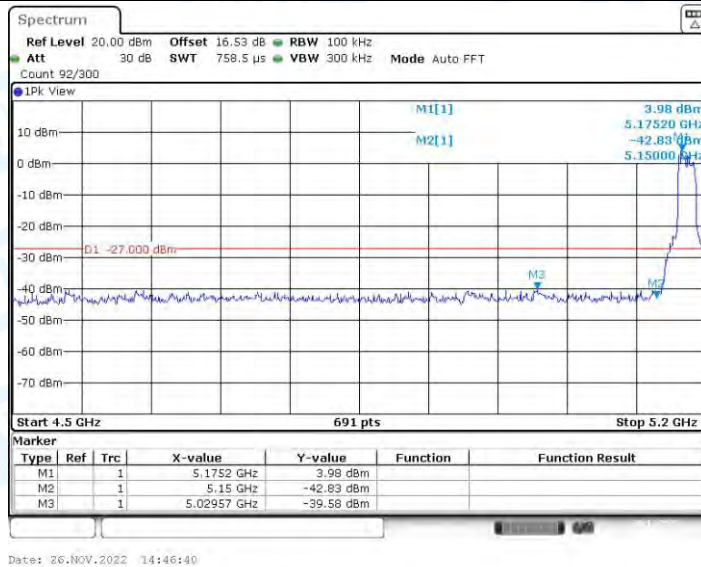
11N40SISO_Ant1_Low_5190



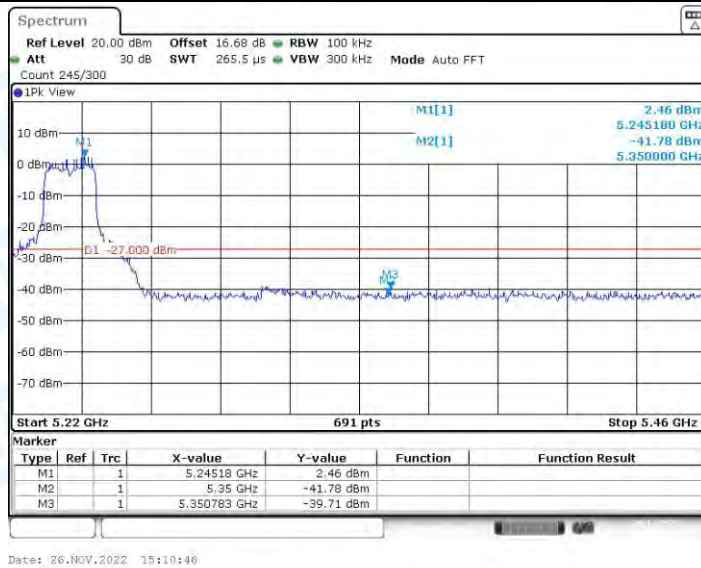
11N40SISO_Ant1_High_5230



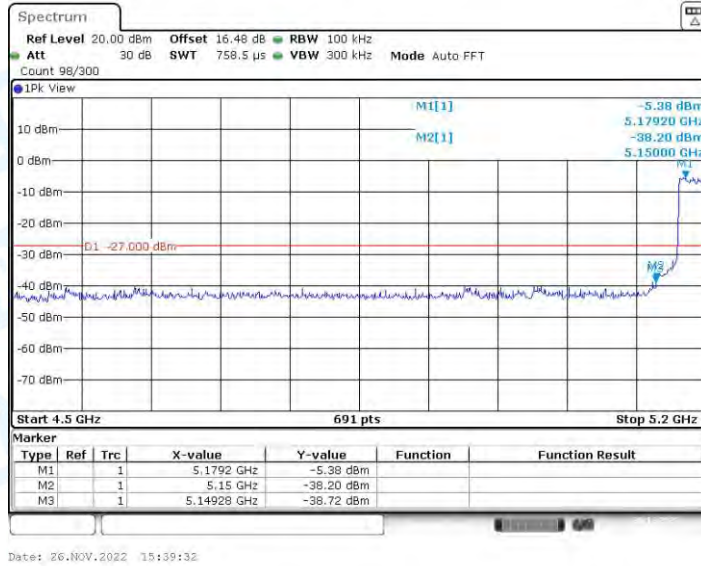
11AC20SISO_Ant1_Low_5180



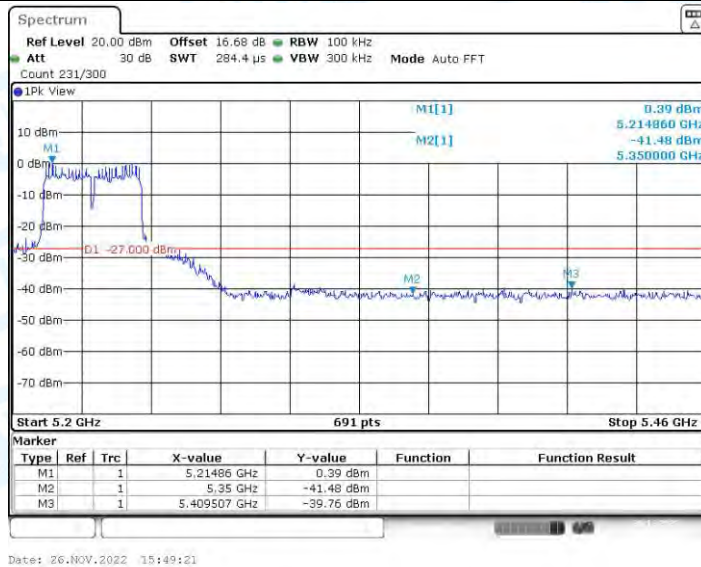
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



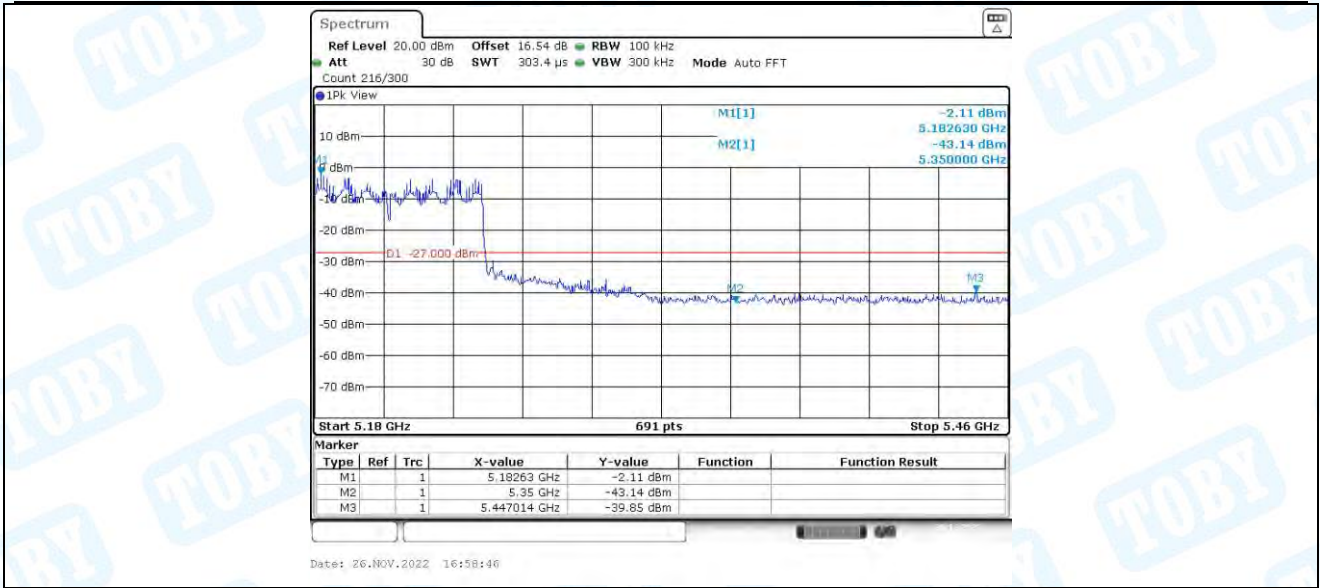
11AC40SISO_Ant1_High_5230



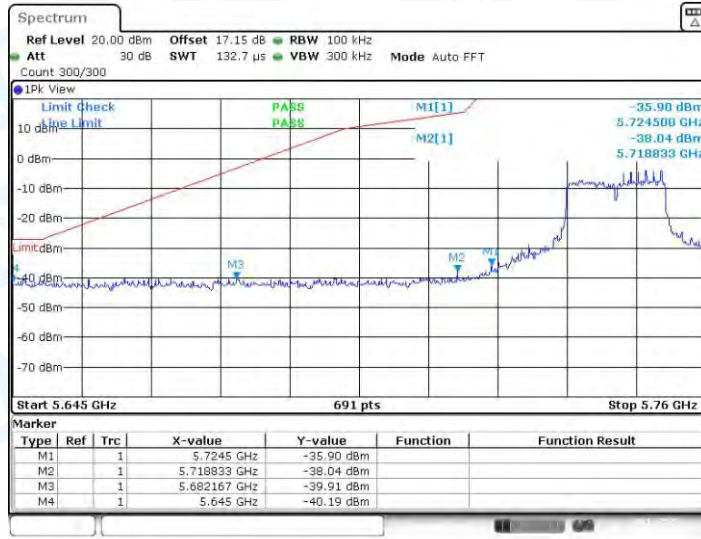
11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210

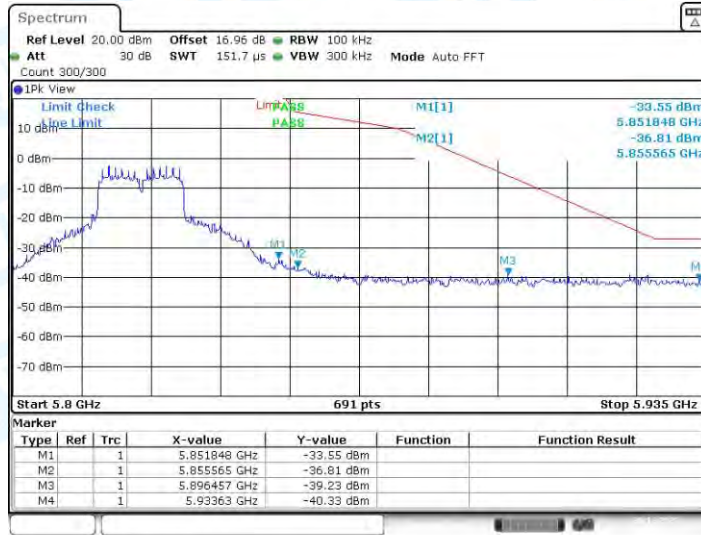


11A_Ant1_Low_5745



Date: 26.NOV.2022 11:20:49

11A_Ant1_High_5825



Date: 26.NOV.2022 11:27:54

11N20SISO_Ant1_Low_5745



Date: 26.NOV.2022 11:49:56

11N20SISO_Ant1_High_5825



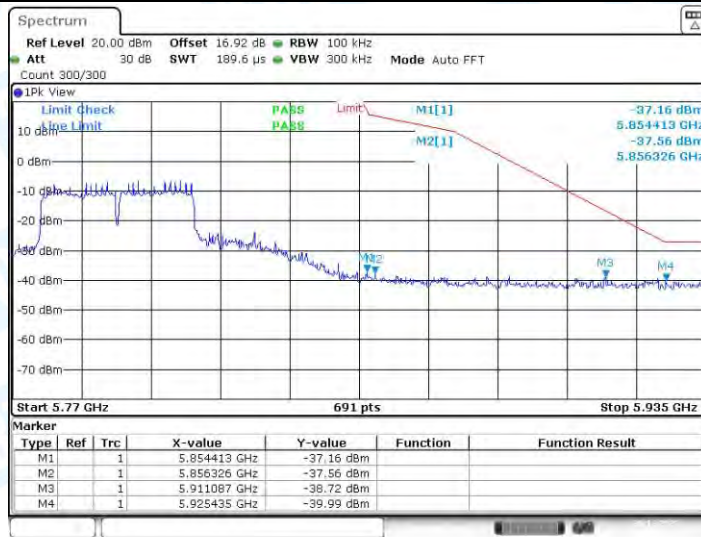
Date: 26.NOV.2022 12:00:52

11N40SISO_Ant1_Low_5755



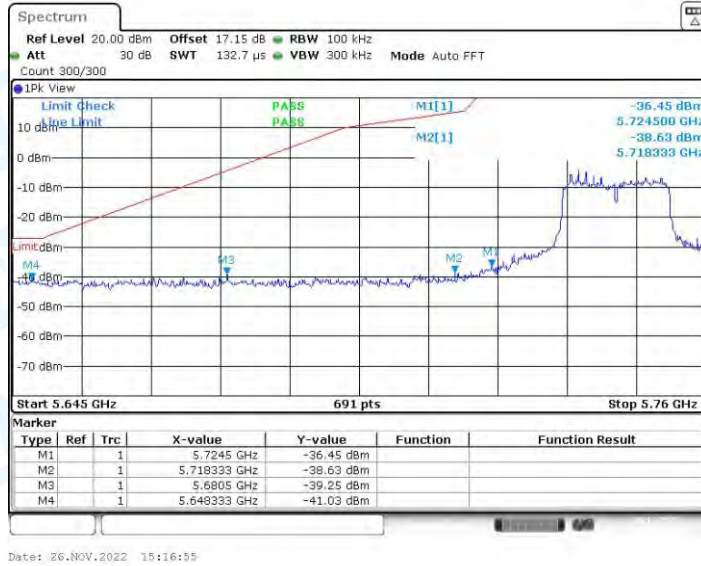
Date: 26.NOV.2022 14:27:09

11N40SISO_Ant1_High_5795

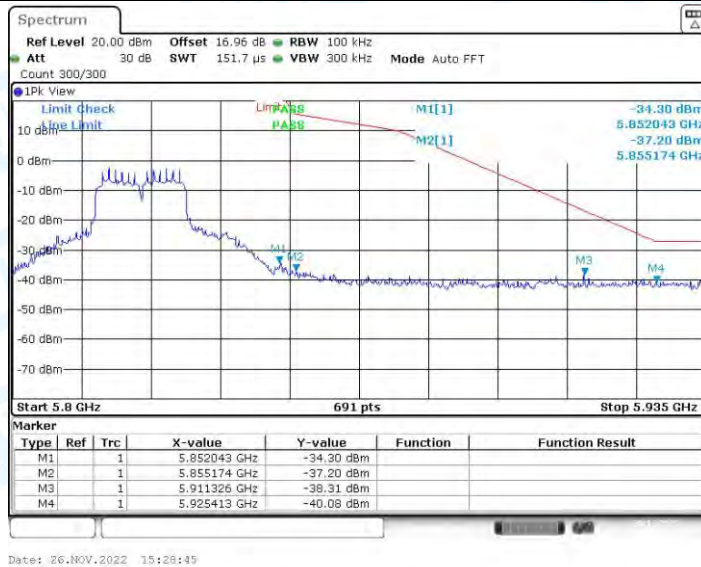


Date: 26.NOV.2022 14:36:24

11AC20SISO_Ant1_Low_5745



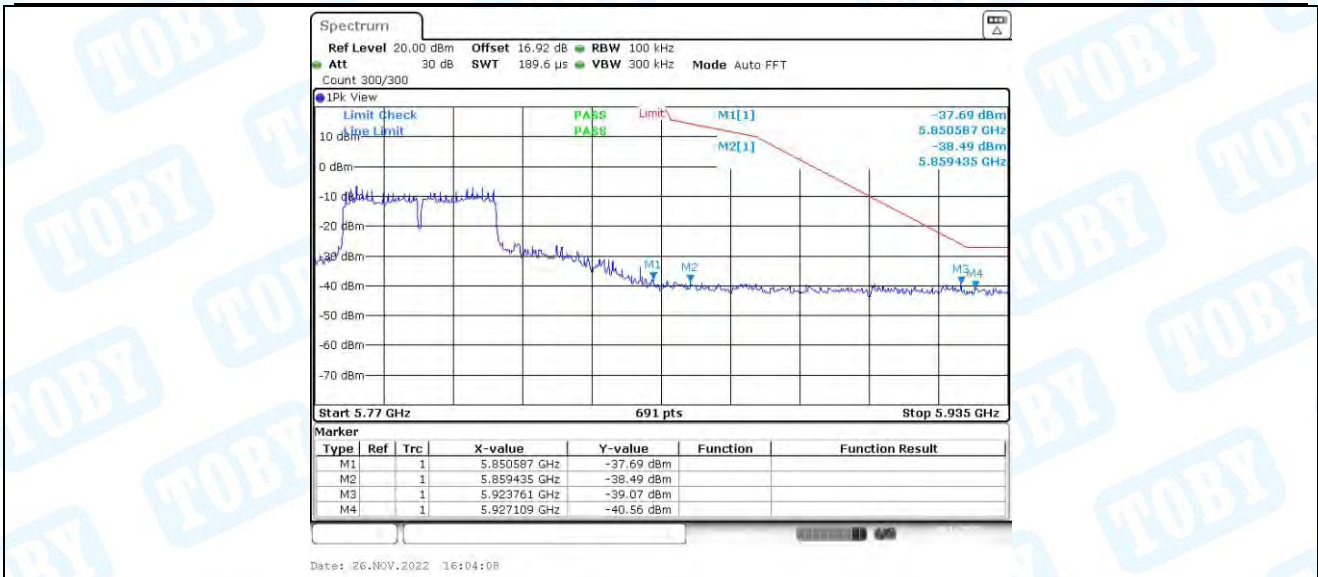
11AC20SISO_Ant1_High_5825



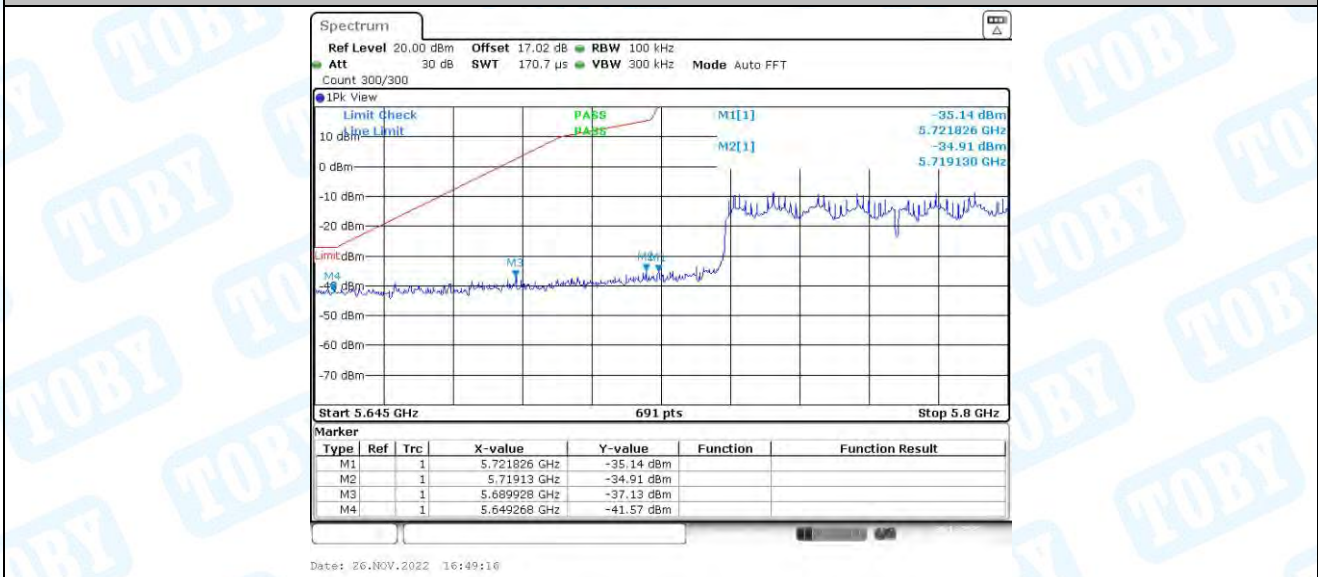
11AC40SISO_Ant1_Low_5755



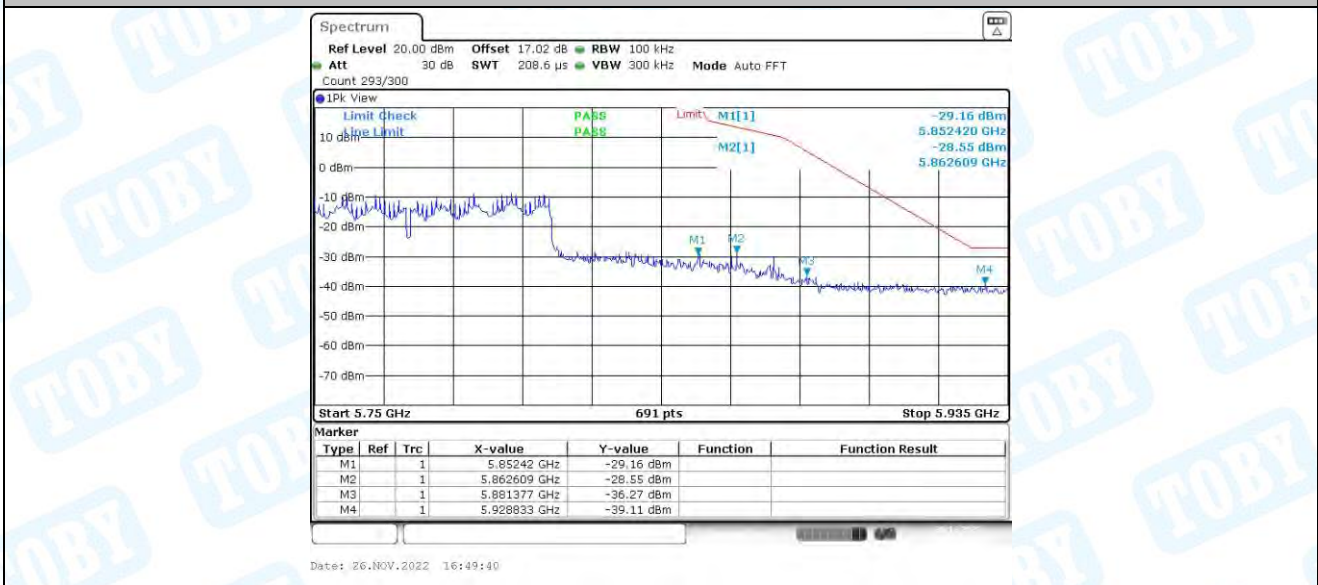
11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



7. Emissions in Restricted Bands

7.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict	
11A	Ant1	Low	5180	AV	4500.000	-48.42	≤-41.20	PASS	
				AV	5032.609	-45.69	≤-41.20	PASS	
				AV	5150.000	-45.68	≤-41.20	PASS	
				Peak	4500.000	-36.48	≤-21.20	PASS	
				Peak	5146.232	-31.21	≤-21.20	PASS	
				Peak	5150.000	-31.18	≤-21.20	PASS	
	Ant1	High	5240	AV	5350.000	-52.59	≤-41.20	PASS	
				AV	5448.174	-50.92	≤-41.20	PASS	
				AV	5460.000	-52.56	≤-41.20	PASS	
				Peak	5350.000	-42.99	≤-21.20	PASS	
				Peak	5451.652	-39.99	≤-21.20	PASS	
				Peak	5460.000	-42.59	≤-21.20	PASS	
	Ant1	Low	5745	Peak	5650.000	-37.47	≤-27.00	PASS	
				Peak	5700.000	-36.53	≤10.00	PASS	
				Peak	5720.000	-32.35	≤15.60	PASS	
				Peak	5725.000	-22.87	≤27.00	PASS	
		High		Peak	5850.000	-25.02	≤15.60	PASS	
				Peak	5855.000	-26.7	≤27.00	PASS	
Peak				5875.000	-34.56	≤15.60	PASS		
Peak				5925.000	-35.7	≤10.00	PASS		
11N20SISO	Ant1	Low	5180	AV	4500.000	-48.42	≤-41.20	PASS	
				AV	5032.609	-45.69	≤-41.20	PASS	
				AV	5150.000	-45.55	≤-41.20	PASS	
				Peak	4500.000	-36.04	≤-21.20	PASS	
				Peak	5148.261	-32.11	≤-21.20	PASS	
				Peak	5150.000	-30.91	≤-21.20	PASS	
		High		AV	5350.000	-47.61	≤-41.20	PASS	
				AV	5448.174	-45.81	≤-41.20	PASS	
				AV	5460.000	-47.42	≤-41.20	PASS	
				Peak	5350.000	-36.56	≤-21.20	PASS	
				Peak	5380.348	-34.09	≤-21.20	PASS	
				Peak	5460.000	-36.21	≤-21.20	PASS	
	Low	5745	Peak	5650.000	-36.95	≤-27.00	PASS		
			Peak	5700.000	-36.04	≤10.00	PASS		
			Peak	5720.000	-33.15	≤15.60	PASS		
			Peak	5725.000	-24.16	≤27.00	PASS		
			High	5825	Peak	5850.000	-23.27	≤15.60	PASS
					Peak	5855.000	-27.32	≤27.00	PASS
	Peak	5875.000			-34.2	≤15.60	PASS		

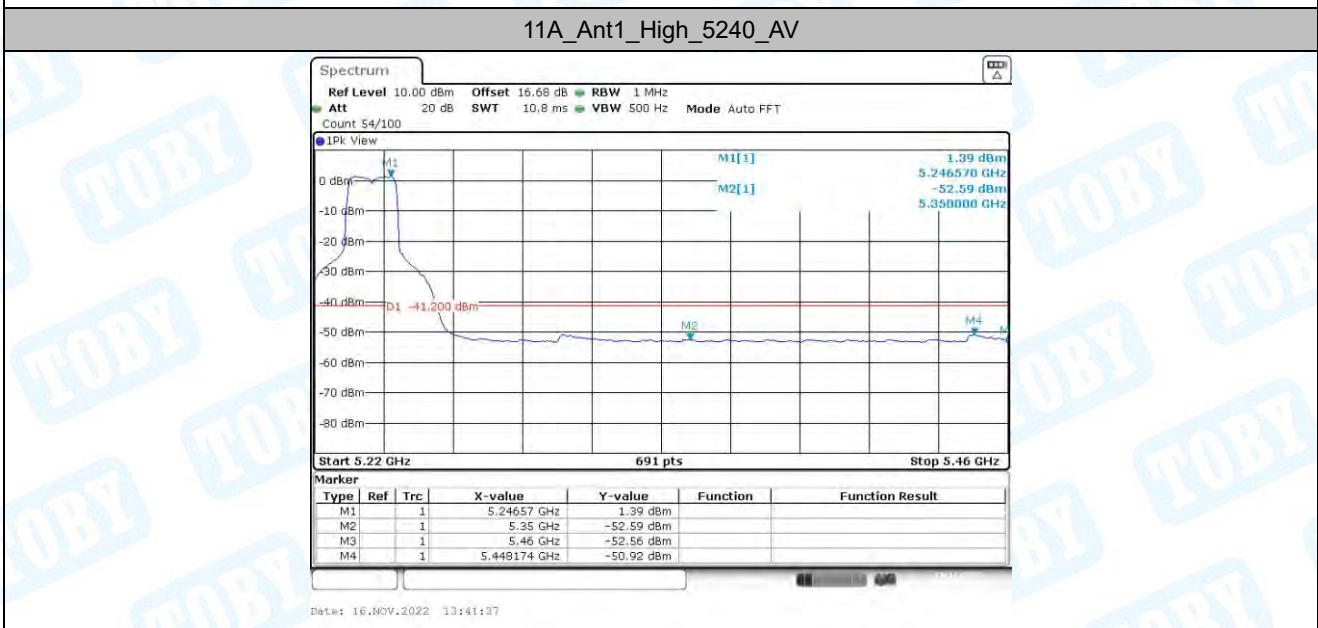
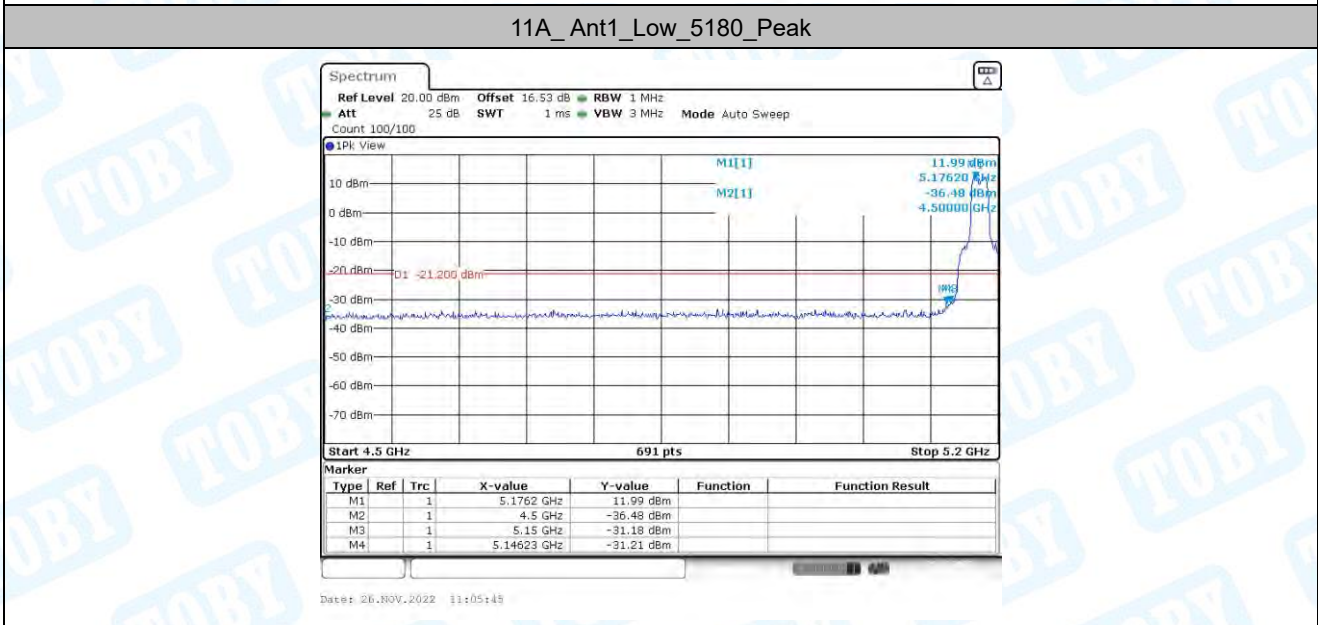
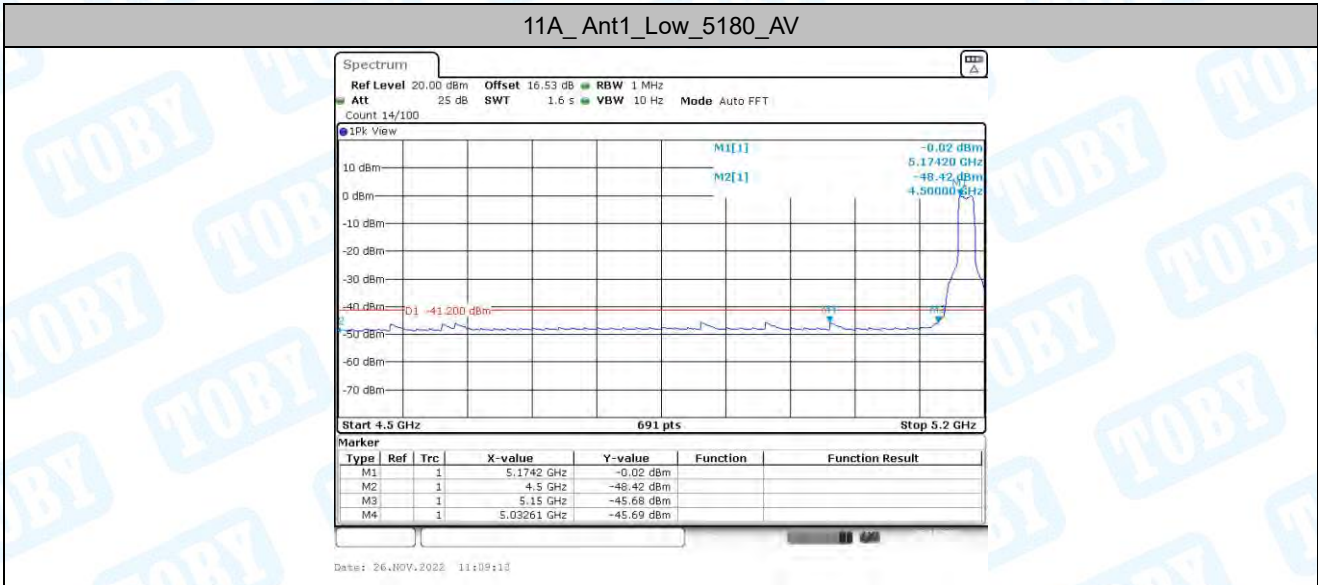
11N40SISO	Ant1	Low	5190	Peak	5925.000	-35.26	≤10.00	PASS
				AV	4500.000	-58.4	≤-41.20	PASS
				AV	5149.275	-45.38	≤-41.20	PASS
				AV	5150.000	-44.9	≤-41.20	PASS
				Peak	4500.000	-45.77	≤-21.20	PASS
				Peak	5149.275	-29.87	≤-21.20	PASS
		High	5230	Peak	5150.000	-29.01	≤-21.20	PASS
				AV	5350.000	-57.75	≤-41.20	PASS
				AV	5447.942	-55.68	≤-41.20	PASS
				AV	5460.000	-57.24	≤-41.20	PASS
				Peak	5350.000	-47.25	≤-21.20	PASS
				Peak	5380.870	-43.16	≤-21.20	PASS
		Low	5755	Peak	5460.000	-47.23	≤-21.20	PASS
				Peak	5650.000	-45.21	≤-27.00	PASS
				Peak	5700.000	-38.04	≤10.00	PASS
				Peak	5720.000	-26.51	≤15.60	PASS
		High	5795	Peak	5725.000	-24.35	≤27.00	PASS
				Peak	5850.000	-29.92	≤15.60	PASS
				Peak	5855.000	-33.06	≤27.00	PASS
				Peak	5875.000	-38.83	≤15.60	PASS
11AC20SIS O	Ant1	Low	5180	Peak	5925.000	-45.09	≤10.00	PASS
				AV	4500.000	-55.04	≤-41.20	PASS
				AV	5149.275	-49.47	≤-41.20	PASS
				AV	5150.000	-49.03	≤-41.20	PASS
				Peak	4500.000	-42.27	≤-21.20	PASS
				Peak	5143.188	-33.06	≤-21.20	PASS
		High	5240	Peak	5150.000	-33.84	≤-21.20	PASS
				AV	5350.000	-53.28	≤-41.20	PASS
				AV	5448.174	-51.45	≤-41.20	PASS
				AV	5460.000	-53.09	≤-41.20	PASS
				Peak	5350.000	-41.02	≤-21.20	PASS
				Peak	5358.087	-40.31	≤-21.20	PASS
		Low	5745	Peak	5460.000	-42.51	≤-21.20	PASS
				Peak	5650.000	-42.2	≤-27.00	PASS
				Peak	5700.000	-41.4	≤10.00	PASS
				Peak	5720.000	-33.1	≤15.60	PASS
		High	5825	Peak	5725.000	-21.73	≤27.00	PASS
				Peak	5850.000	-22.43	≤15.60	PASS
				Peak	5855.000	-28.1	≤27.00	PASS
				Peak	5875.000	-38.56	≤15.60	PASS
11AC40SIS O	Ant1	Low	5190	Peak	5925.000	-41.26	≤10.00	PASS
				AV	4500.000	-55.12	≤-41.20	PASS
				AV	5149.275	-43.93	≤-41.20	PASS
				AV	5150.000	-43.25	≤-41.20	PASS
Peak	4500.000	-43.79	≤-21.20	PASS				

		High	5230	Peak	5149.275	-28.15	≤-21.20	PASS
				Peak	5150.000	-28.91	≤-21.20	PASS
				AV	5350.000	-53.63	≤-41.20	PASS
				AV	5448.319	-51.42	≤-41.20	PASS
				AV	5460.000	-52.95	≤-41.20	PASS
				Peak	5350.000	-42.49	≤-21.20	PASS
				Peak	5450.957	-39.15	≤-21.20	PASS
				Peak	5460.000	-41.32	≤-21.20	PASS
		Low	5755	Peak	5650.000	-41.73	≤-27.00	PASS
				Peak	5700.000	-37.91	≤10.00	PASS
				Peak	5720.000	-26.59	≤15.60	PASS
				Peak	5725.000	-24.64	≤27.00	PASS
		High	5795	Peak	5850.000	-32.15	≤15.60	PASS
				Peak	5855.000	-31.4	≤27.00	PASS
				Peak	5875.000	-37.48	≤15.60	PASS
				Peak	5925.000	-41.94	≤10.00	PASS
11AC80SIS O	Ant1	Low	5210	AV	4500.000	-55.11	≤-41.20	PASS
				AV	5150.000	-47.89	≤-41.20	PASS
				Peak	4500.000	-42.79	≤-21.20	PASS
				Peak	5147.826	-32.33	≤-21.20	PASS
				Peak	5150.000	-33.47	≤-21.20	PASS
		High	5210	AV	5350.000	-53.37	≤-41.20	PASS
				AV	5448.232	-51.64	≤-41.20	PASS
				AV	5460.000	-53.24	≤-41.20	PASS
				Peak	5350.000	-41.96	≤-21.20	PASS
				Peak	5448.638	-39.06	≤-21.20	PASS
				Peak	5460.000	-40.38	≤-21.20	PASS
		Low	5775	Peak	5650.000	-41.38	≤-27.00	PASS
				Peak	5700.000	-32.3	≤10.00	PASS
				Peak	5720.000	-30.07	≤15.60	PASS
				Peak	5725.000	-25.29	≤27.00	PASS
		High	5775	Peak	5850.000	-23.34	≤15.60	PASS
				Peak	5855.000	-23.13	≤27.00	PASS
				Peak	5875.000	-28.46	≤15.60	PASS
				Peak	5925.000	-36.7	≤10.00	PASS

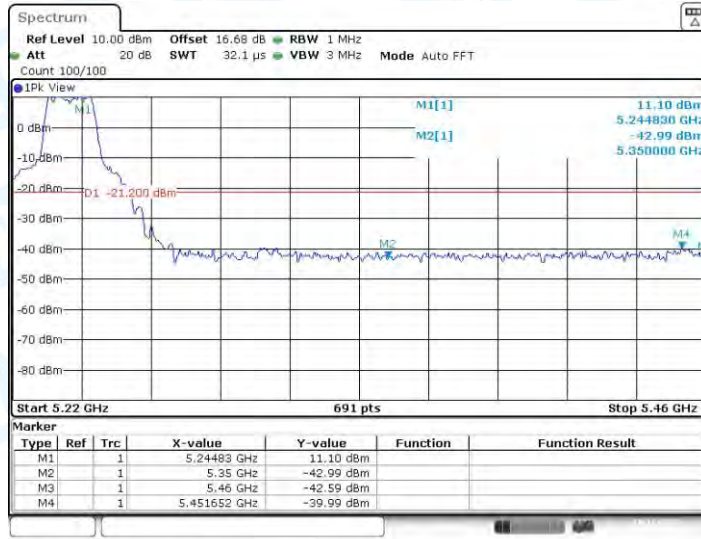
Note:

1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

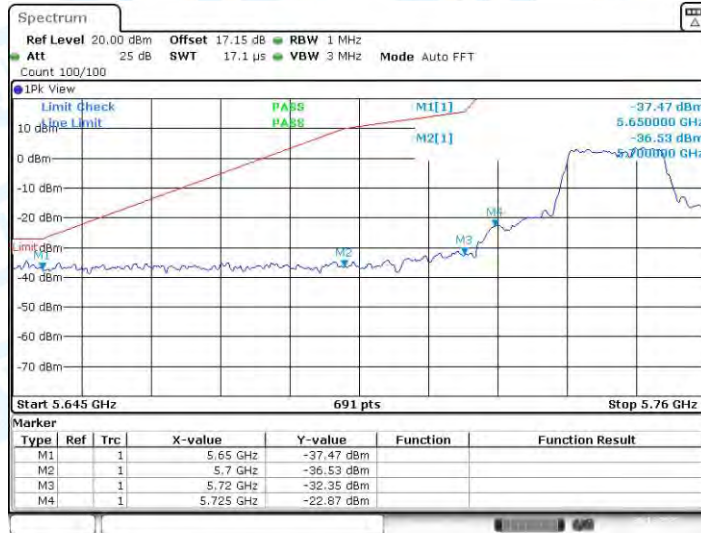
7.2. Test Graphs



11A_Ant1_High_5240_Peak



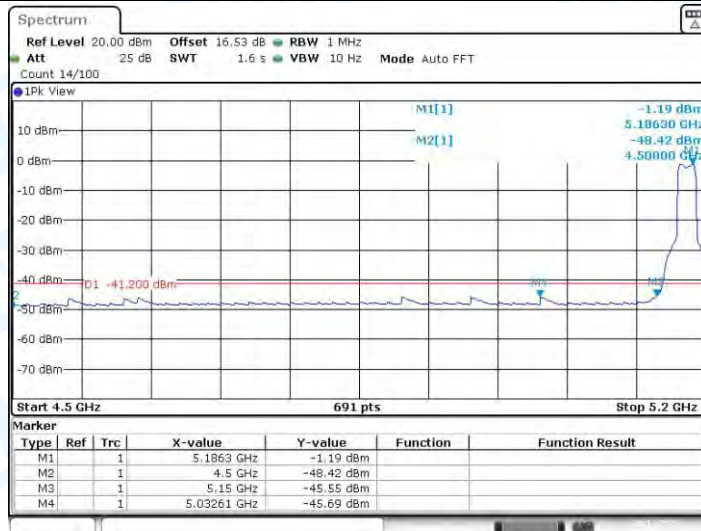
11A_Ant1_Low_5745_Peak



11A_Ant1_High_5825_Peak

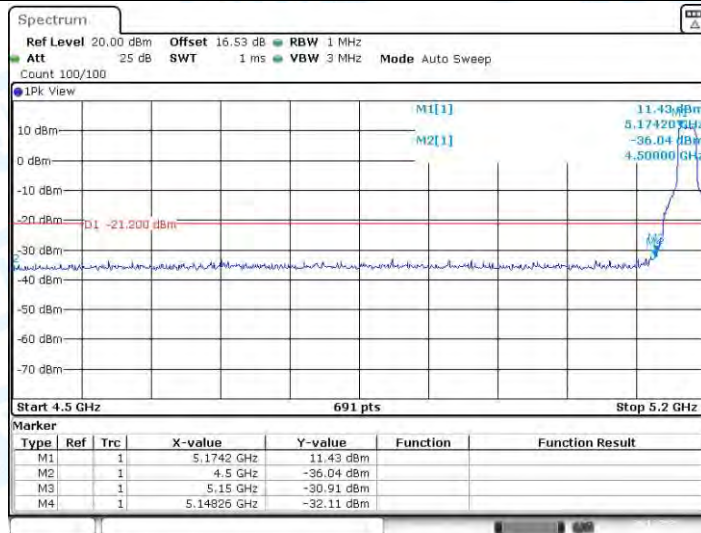


11N20SISO_25_Low_5180_AV



Date: 26.NOV.2022 11:37:35

11N20SISO_25_Low_5180_Peak



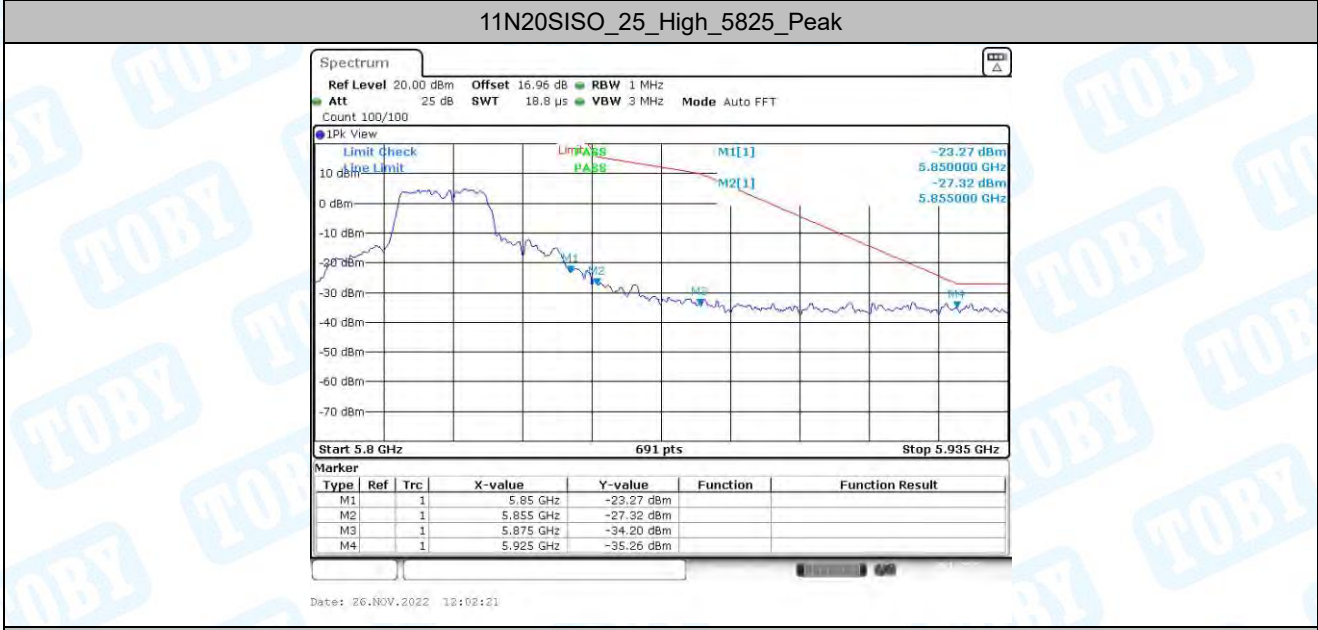
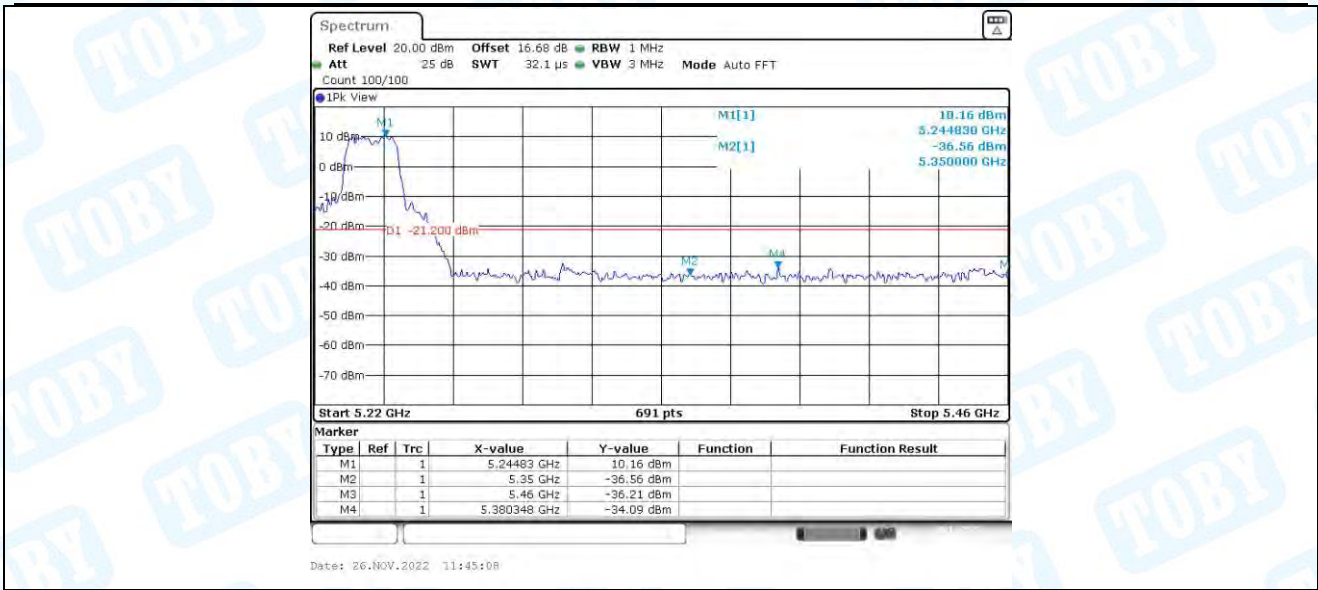
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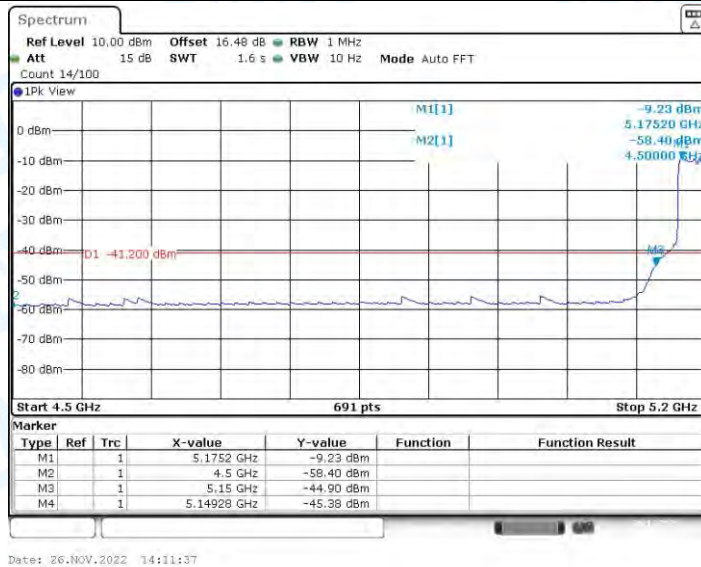
11N20SISO_25_High_5240_AV



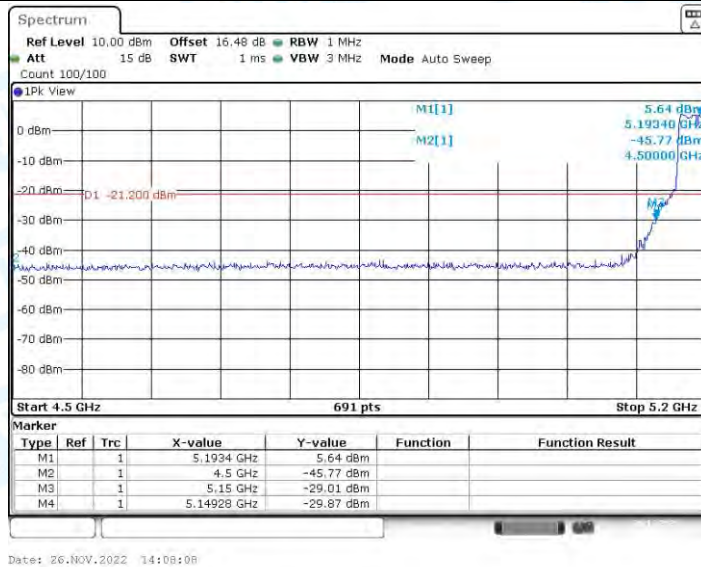
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11N20SISO_25_High_5240_Peak

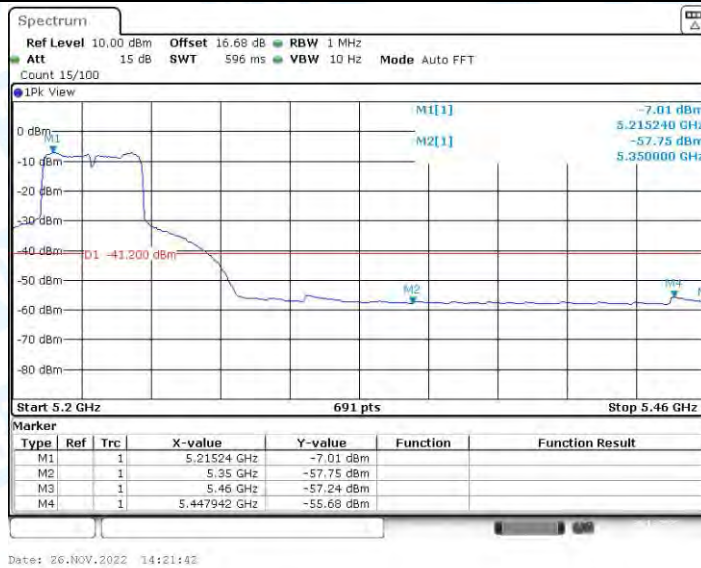




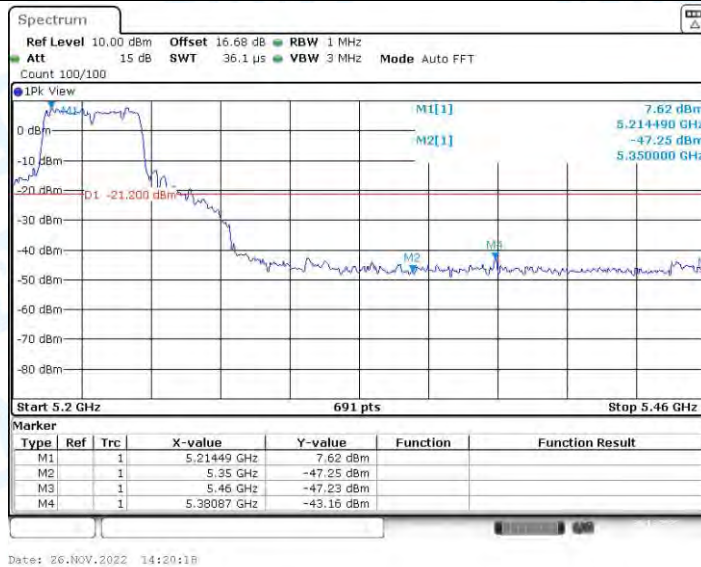
11N40SISO_25_Low_5190_Peak



11N40SISO_25_High_5230_AV



11N40SISO_25_High_5230_Peak



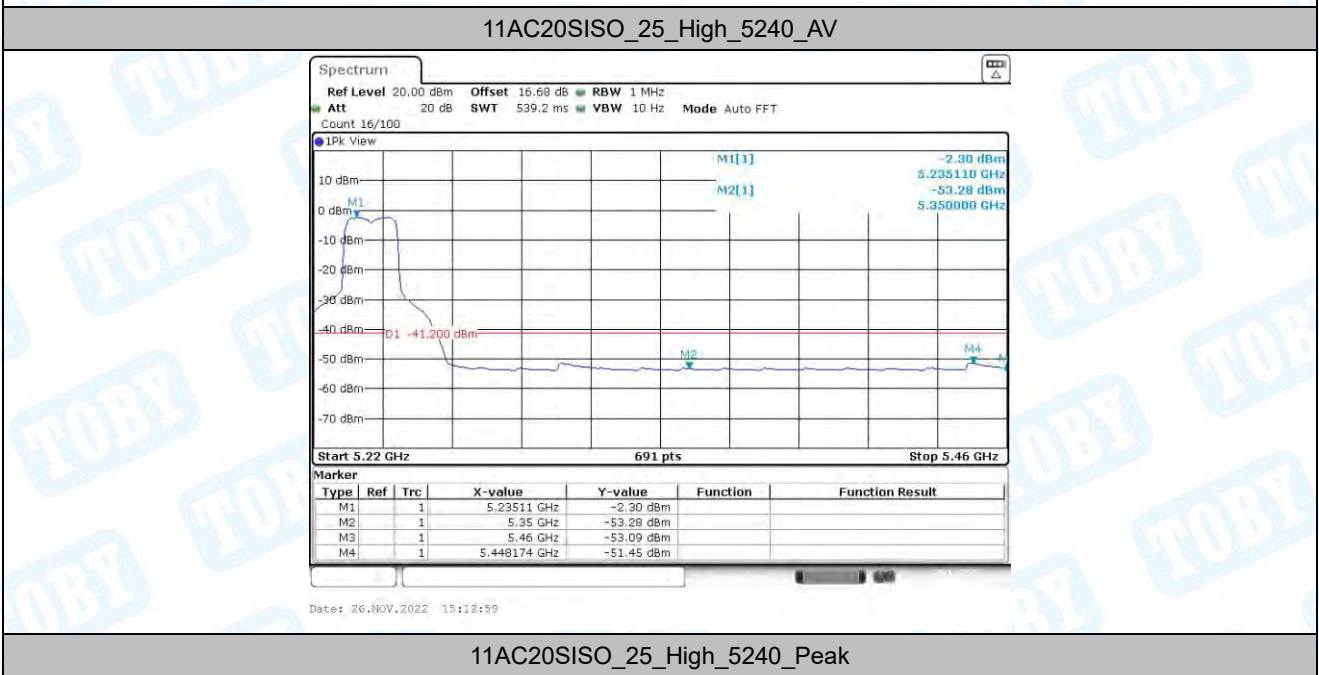
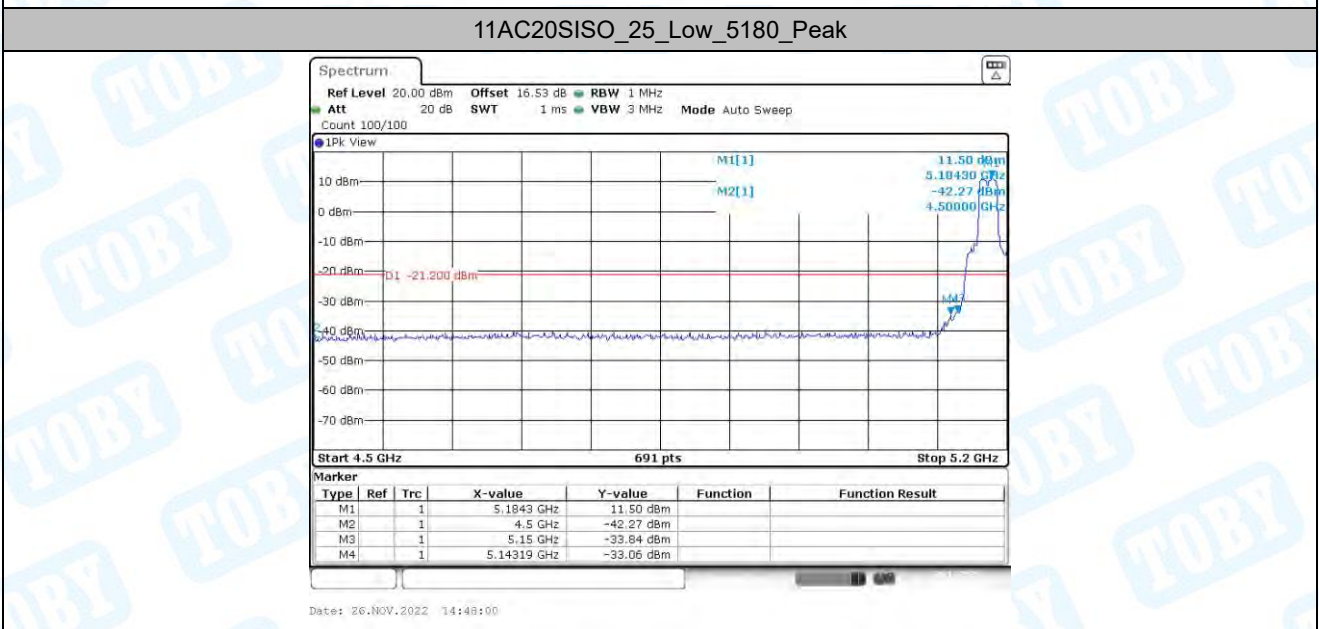
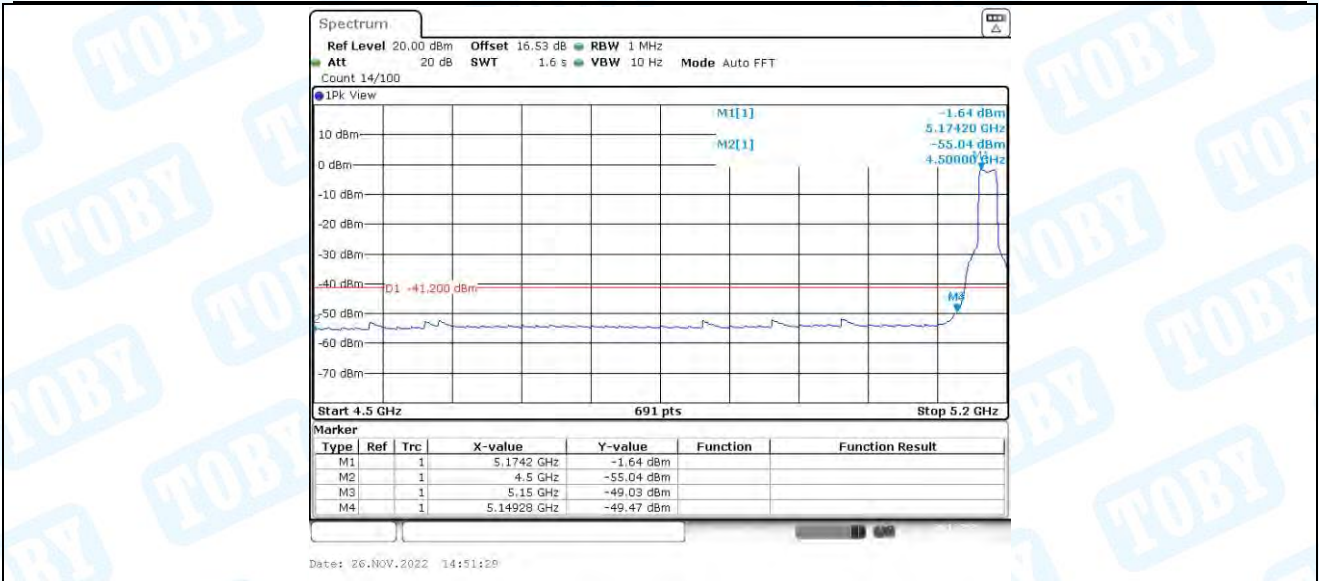
11N40SISO_25_Low_5755_Peak

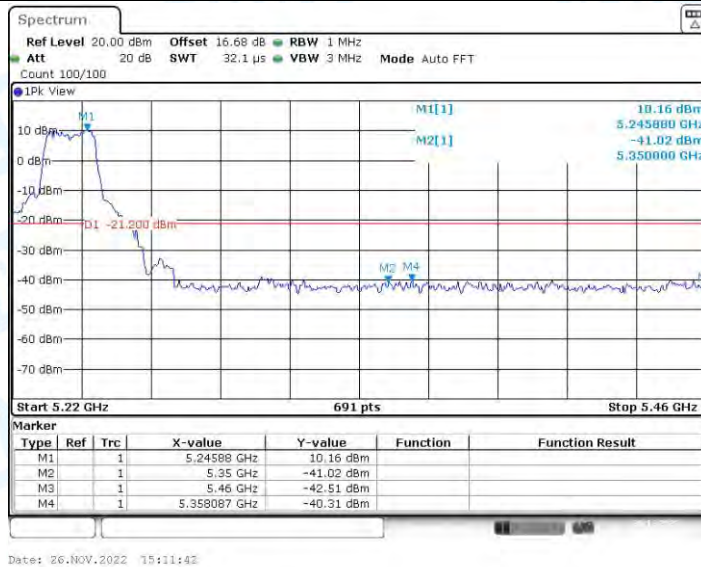


11N40SISO_25_High_5795_Peak

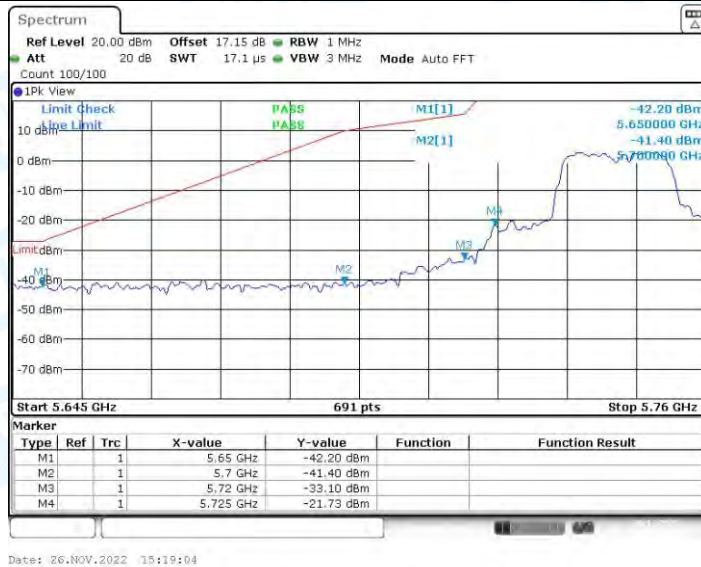


11AC20SISO_25_Low_5180_AV

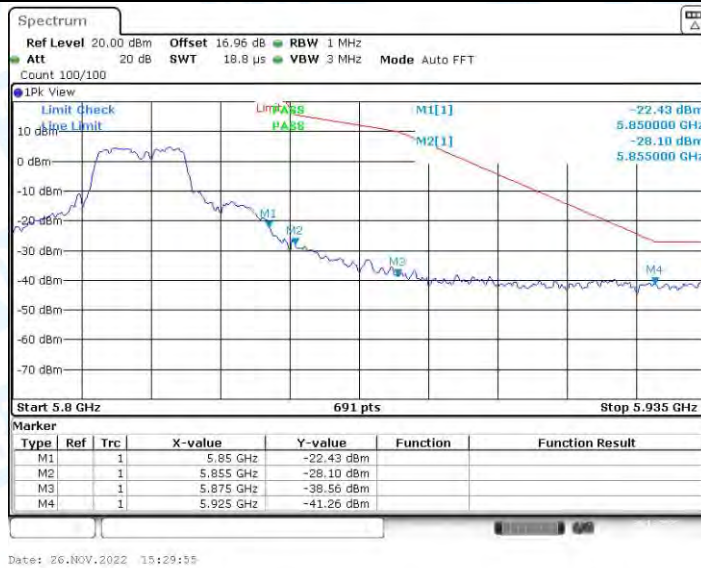




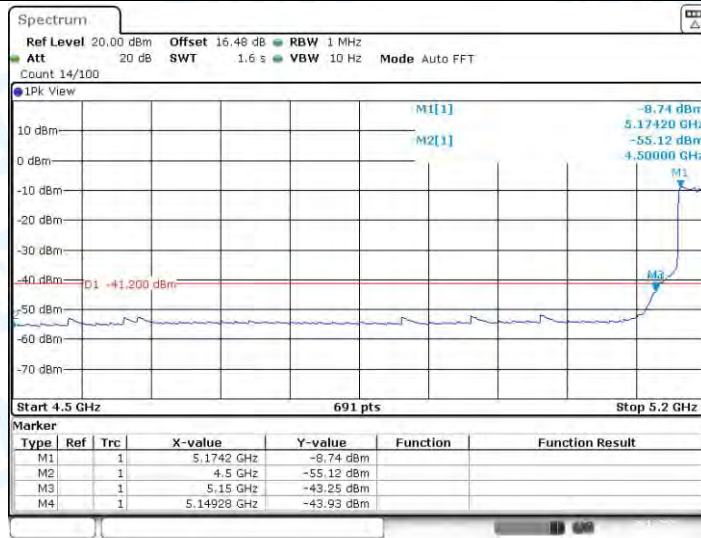
11AC20SISO_25_Low_5745_Peak



11AC20SISO_25_High_5825_Peak

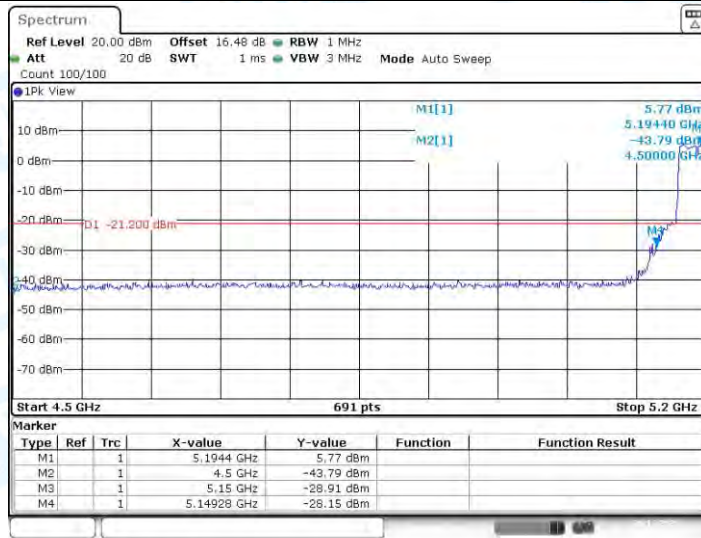


11AC40SISO_25_Low_5190_AV



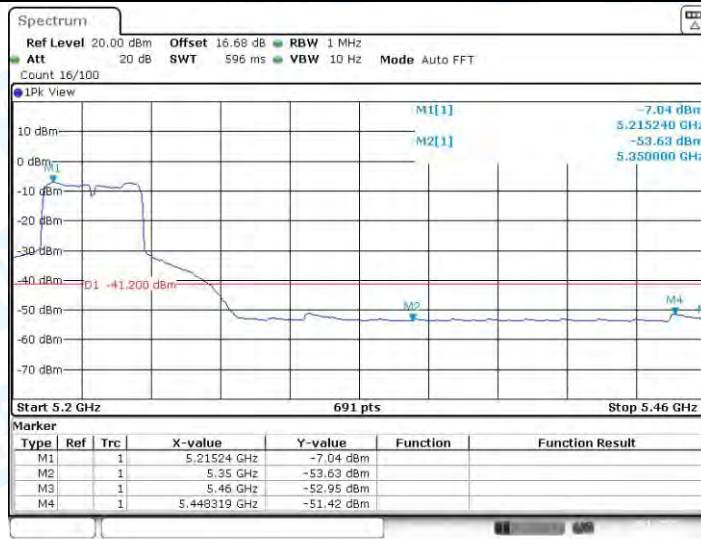
Date: 26.NOV.2022 15:43:55

11AC40SISO_25_Low_5190_Peak



Date: 26.NOV.2022 15:40:27

11AC40SISO_25_High_5230_AV



Date: 26.NOV.2022 15:52:37

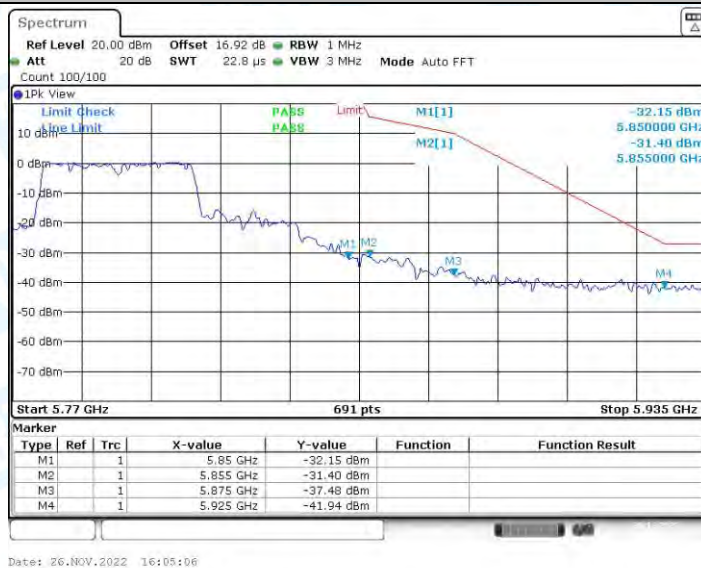
11AC40SISO_25_High_5230_Peak



11AC40SISO_25_Low_5755_Peak



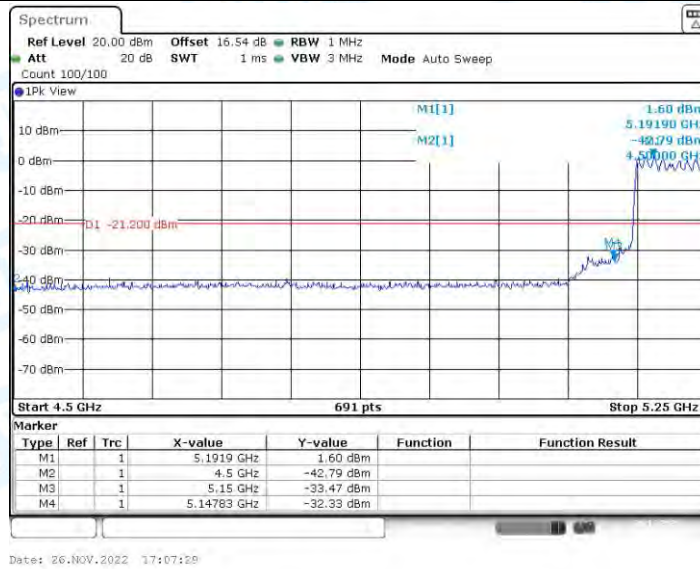
11AC40SISO_25_High_5795_Peak



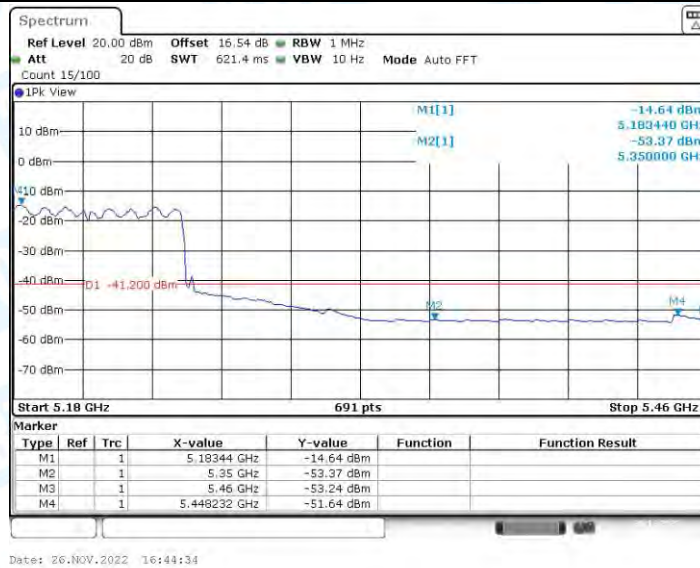
11AC80SISO_25_Low_5210_AV



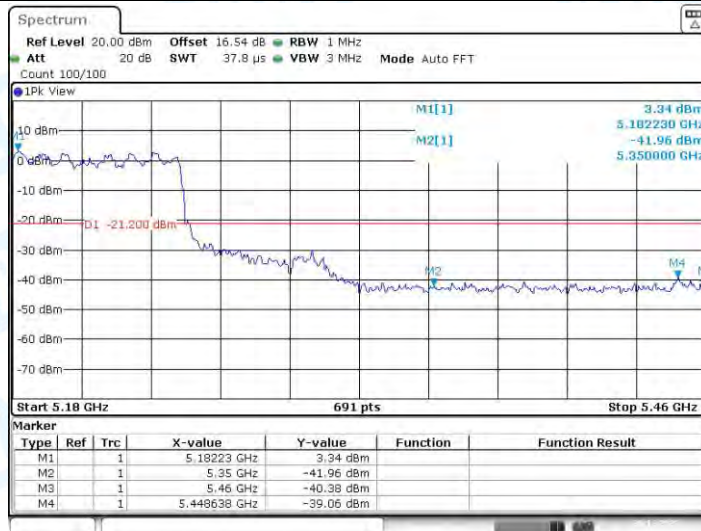
11AC80SISO_25_Low_5210_Peak



11AC80SISO_25_High_5210_AV



11AC80SISO_25_High_5210_Peak



Date: 26.NOV.2022 16:43:07

11AC80SISO_25_Low_5775_Peak



Date: 26.NOV.2022 16:50:56

11AC80SISO_25_High_5775_Peak



Date: 26.NOV.2022 16:51:51

8. Conducted Spurious Emission

8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict		
11A	Ant1	5180	30~1000	973.86	-51.22	≤-27	PASS		
			1000~40000	39620.4	-42.65	≤-27	PASS		
		5200	30~1000	999.89	-51.3	≤-27	PASS		
			1000~40000	38541.4	-42.65	≤-27	PASS		
		5240	30~1000	607.21	-53.21	≤-27	PASS		
			1000~40000	39095.2	-42.04	≤-27	PASS		
		5745	30~1000	705.73	-51.67	≤-27	PASS		
			1000~40000	38975.6	-43.05	≤-27	PASS		
		5785	30~1000	931.83	-52.36	≤-27	PASS		
			1000~40000	39054.9	-42.55	≤-27	PASS		
		5825	30~1000	918.96	-52.39	≤-27	PASS		
			1000~40000	39931.1	-42.09	≤-27	PASS		
		11N20SISO	Ant1	5180	30~1000	961.28	-49.96	≤-27	PASS
					1000~40000	39052.3	-42.59	≤-27	PASS
5200	30~1000			622.02	-52.48	≤-27	PASS		
	1000~40000			38401	-42.56	≤-27	PASS		
5240	30~1000			910.2	-52.66	≤-27	PASS		
	1000~40000			39639.9	-42.35	≤-27	PASS		
5745	30~1000			859.95	-51.38	≤-27	PASS		
	1000~40000			39961	-42.5	≤-27	PASS		
5785	30~1000			860.5	-51.68	≤-27	PASS		
	1000~40000			39079.6	-42.75	≤-27	PASS		
5825	30~1000			708.67	-51.34	≤-27	PASS		
	1000~40000			39407.2	-42.39	≤-27	PASS		
11N40SISO	Ant1			5190	30~1000	863.32	-52.54	≤-27	PASS
					1000~40000	39490.4	-42.65	≤-27	PASS
		5230	30~1000	893	-52.65	≤-27	PASS		
			1000~40000	1949	-37.48	≤-27	PASS		
		5755	30~1000	946.83	-51.19	≤-27	PASS		
			1000~40000	39990.9	-42.57	≤-27	PASS		
		5795	30~1000	977.19	-51.88	≤-27	PASS		
			1000~40000	39615.2	-42.11	≤-27	PASS		
11AC20SISO	Ant1	5180	30~1000	962.38	-51.23	≤-27	PASS		
			1000~40000	39603.5	-42.83	≤-27	PASS		
		5200	30~1000	860.57	-52.01	≤-27	PASS		
			1000~40000	39729.6	-42.84	≤-27	PASS		
		5240	30~1000	763.44	-52.6	≤-27	PASS		
			1000~40000	39516.4	-42.13	≤-27	PASS		
		5745	30~1000	890.02	-50.91	≤-27	PASS		

		5785	1000~40000	39630.8	-42.89	≤-27	PASS		
			30~1000	612.45	-52.09	≤-27	PASS		
			1000~40000	39923.3	-42.44	≤-27	PASS		
		5825	30~1000	894.58	-51.4	≤-27	PASS		
			1000~40000	38980.8	-42.38	≤-27	PASS		
11AC40SISO	Ant1	5190	30~1000	711.42	-51.19	≤-27	PASS		
			1000~40000	39850.5	-42.22	≤-27	PASS		
		5230	30~1000	708.35	-52.3	≤-27	PASS		
			1000~40000	39400.7	-42.76	≤-27	PASS		
		5755	30~1000	865.93	-50.12	≤-27	PASS		
			1000~40000	39656.8	-41.93	≤-27	PASS		
		5795	30~1000	775.53	-52.39	≤-27	PASS		
			1000~40000	39996.1	-42.63	≤-27	PASS		
		11AC80SISO	Ant1	5210	30~1000	950.81	-52.5	≤-27	PASS
					1000~40000	39996.1	-42.47	≤-27	PASS
				5775	30~1000	892.12	-51.65	≤-27	PASS
					1000~40000	39945.4	-42.94	≤-27	PASS

8.2. Test Graphs

