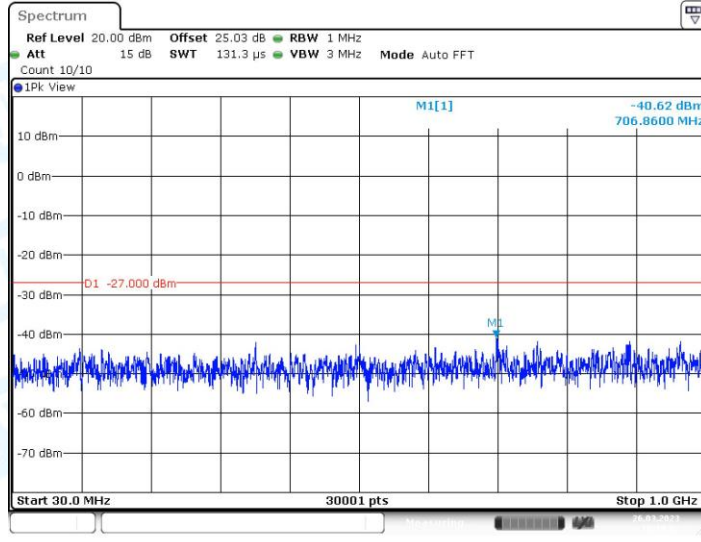


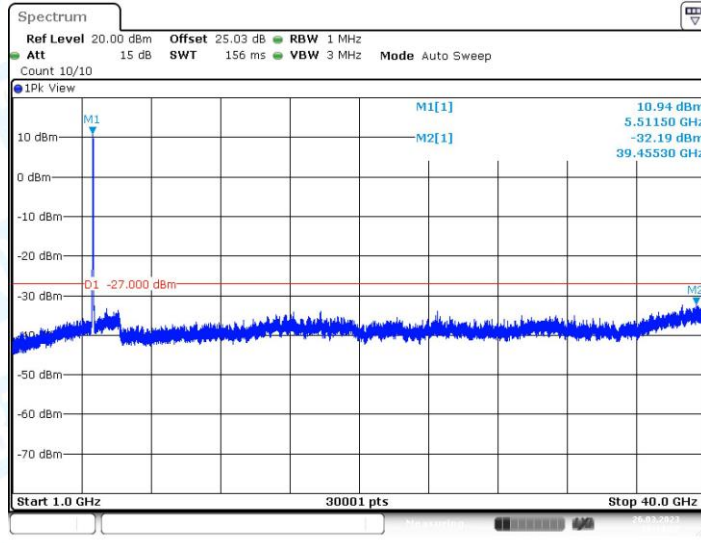
Date: 26.MAR.2023 15:43:17

11AC40MIMO\_Ant1\_5510\_30~1000



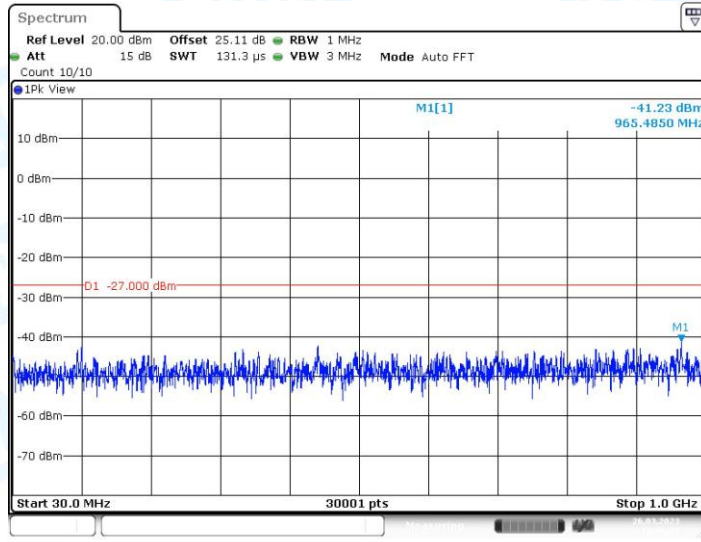
Date: 26.MAR.2023 16:14:03

11AC40MIMO\_Ant1\_5510\_1000~40000



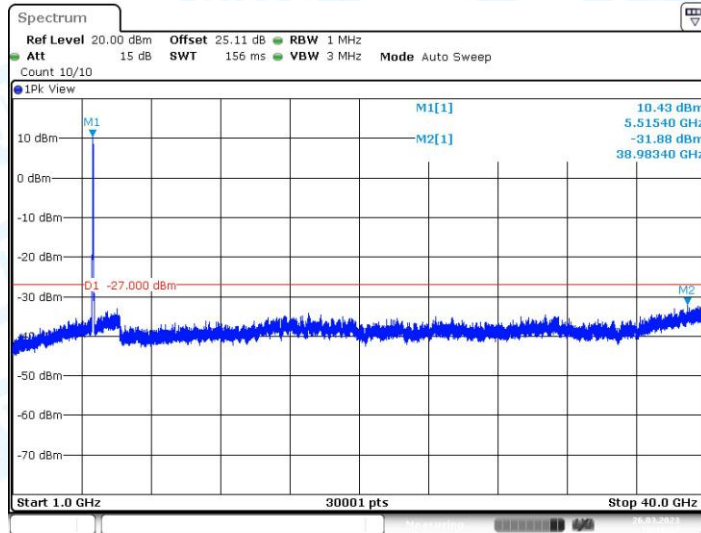
Date: 26.MAR.2023 16:14:28

11AC40MIMO\_Ant2\_5510\_30~1000



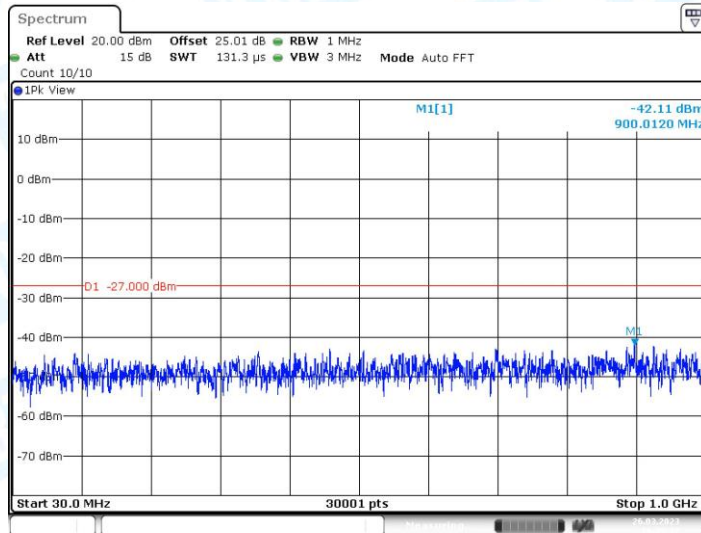
Date: 26.MAR.2023 16:16:11

11AC40MIMO\_Ant2\_5510\_1000~40000



Date: 26.MAR.2023 16:16:36

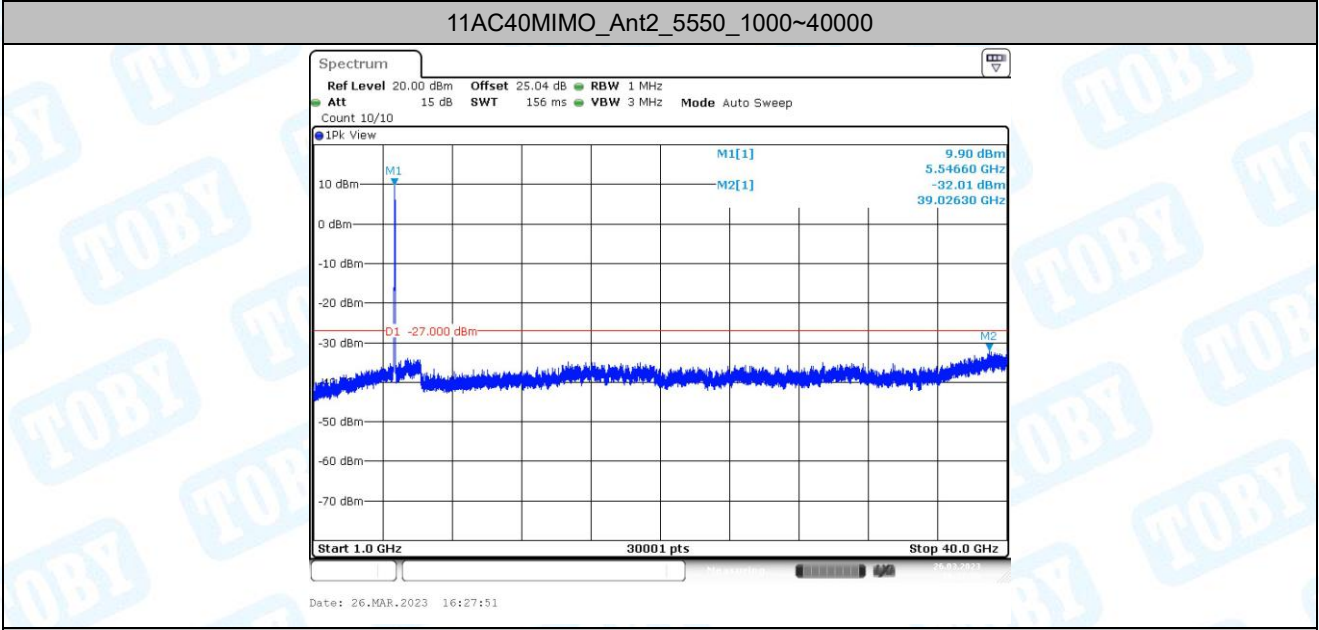
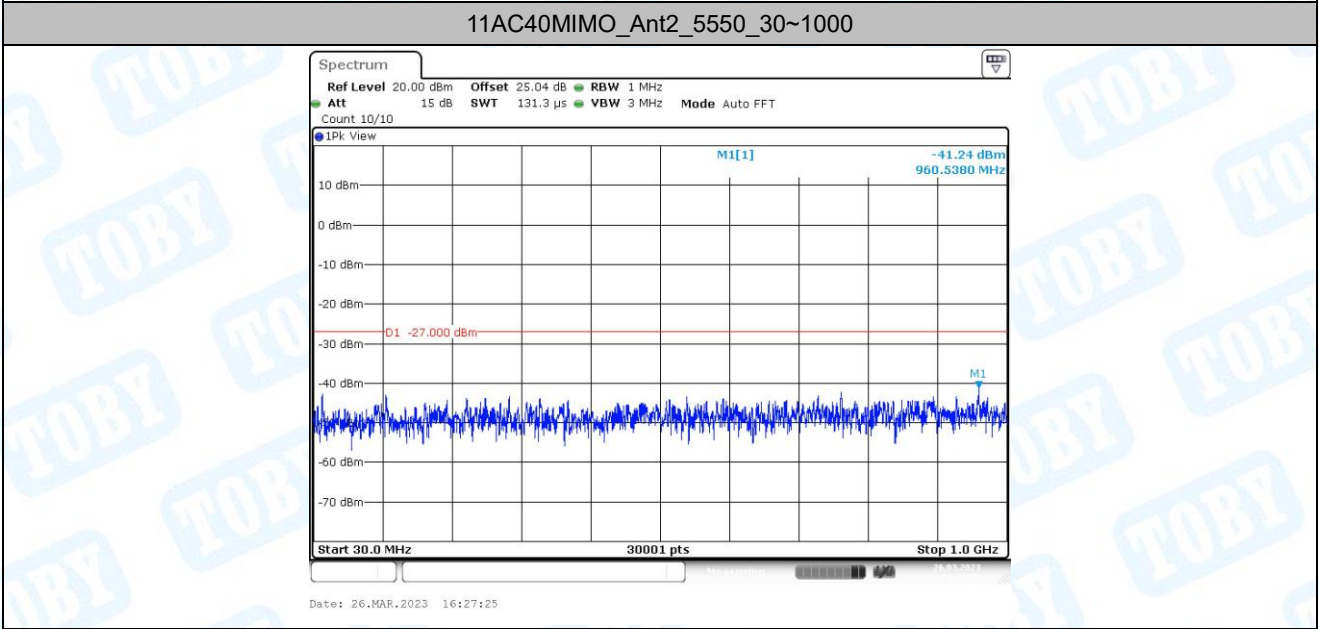
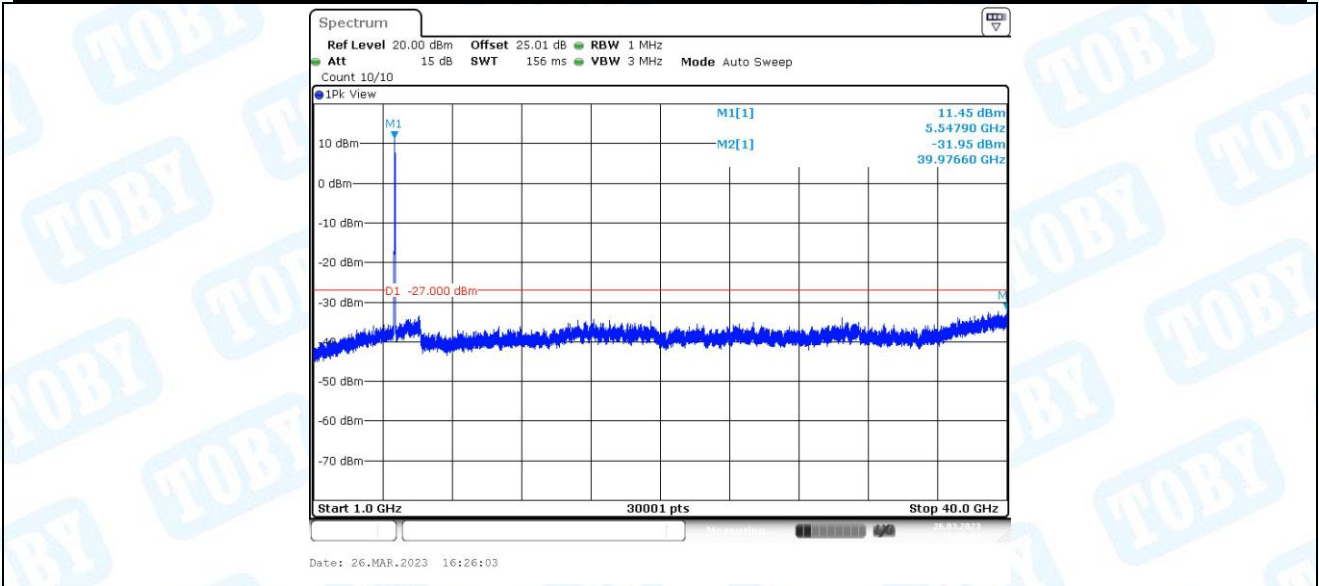
11AC40MIMO\_Ant1\_5550\_30~1000

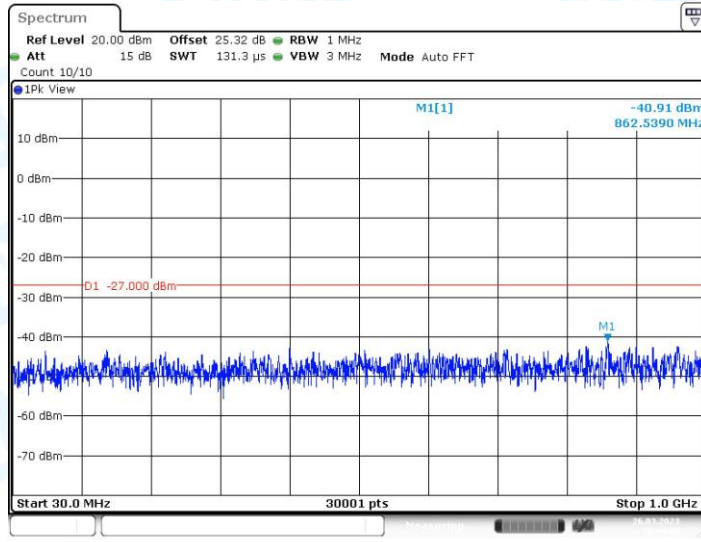


Date: 26.MAR.2023 16:25:37

11AC40MIMO\_Ant1\_5550\_1000~40000

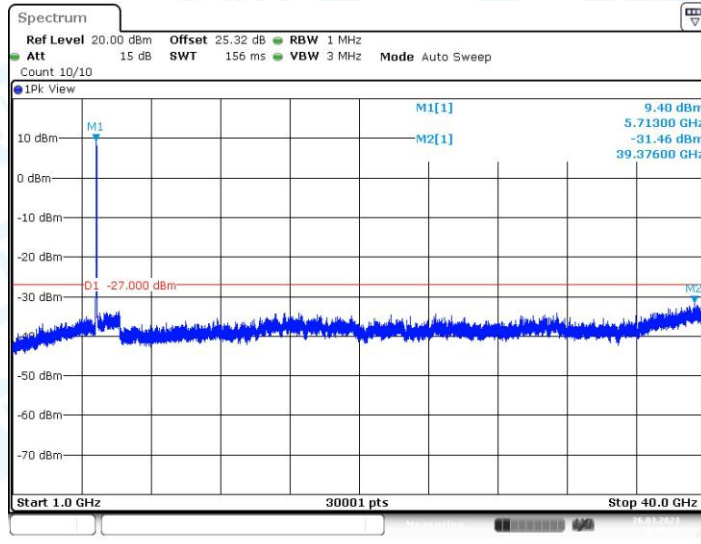






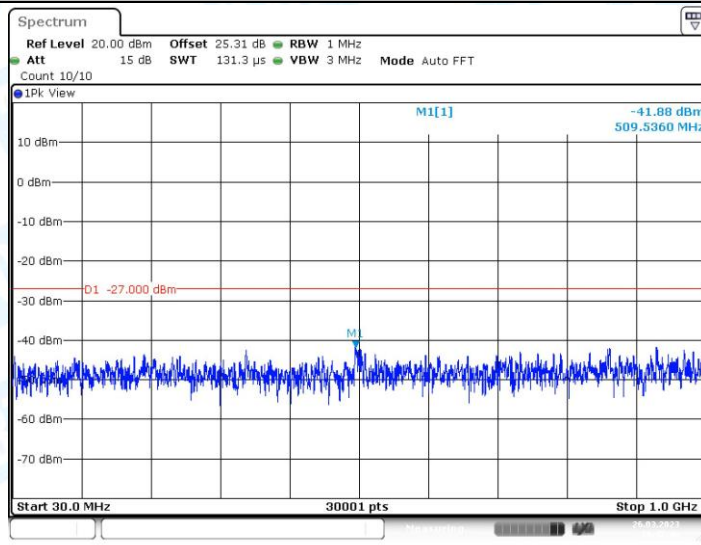
Date: 26.MAR.2023 16:44:30

11AC40MIMO\_Ant1\_5710\_1000~40000



Date: 26.MAR.2023 16:44:55

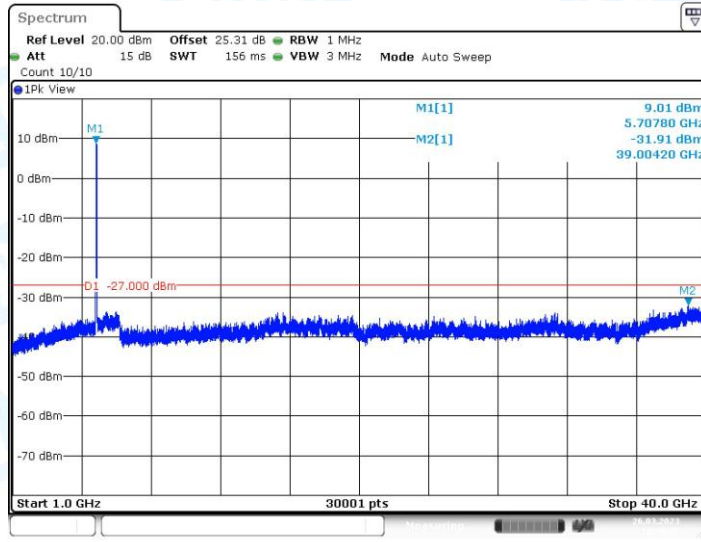
11AC40MIMO\_Ant2\_5710\_30~1000



Date: 26.MAR.2023 16:47:41

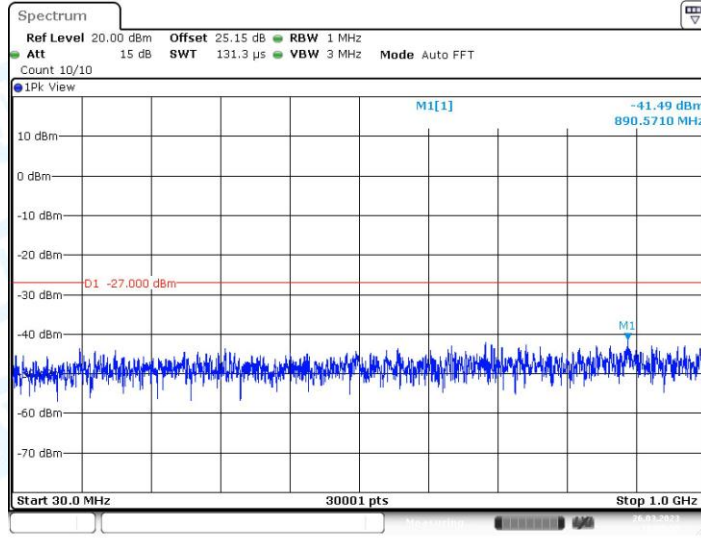
11AC40MIMO\_Ant2\_5710\_1000~40000





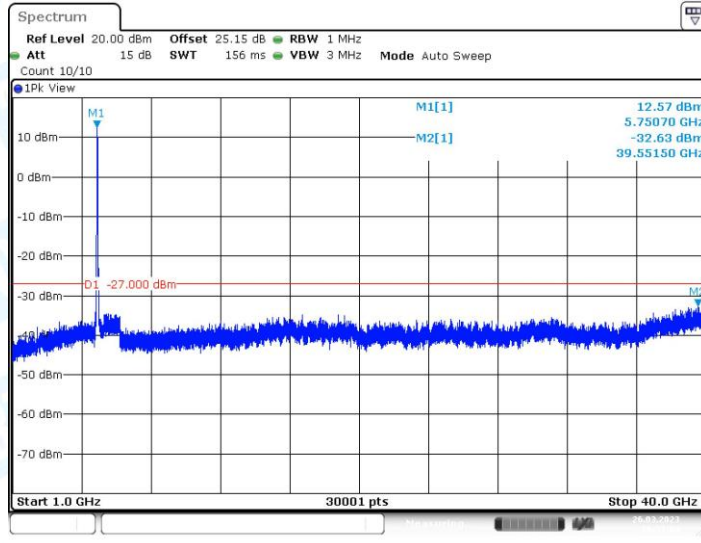
Date: 26.MAR.2023 16:48:06

11AC40MIMO\_Ant1\_5755\_30~1000



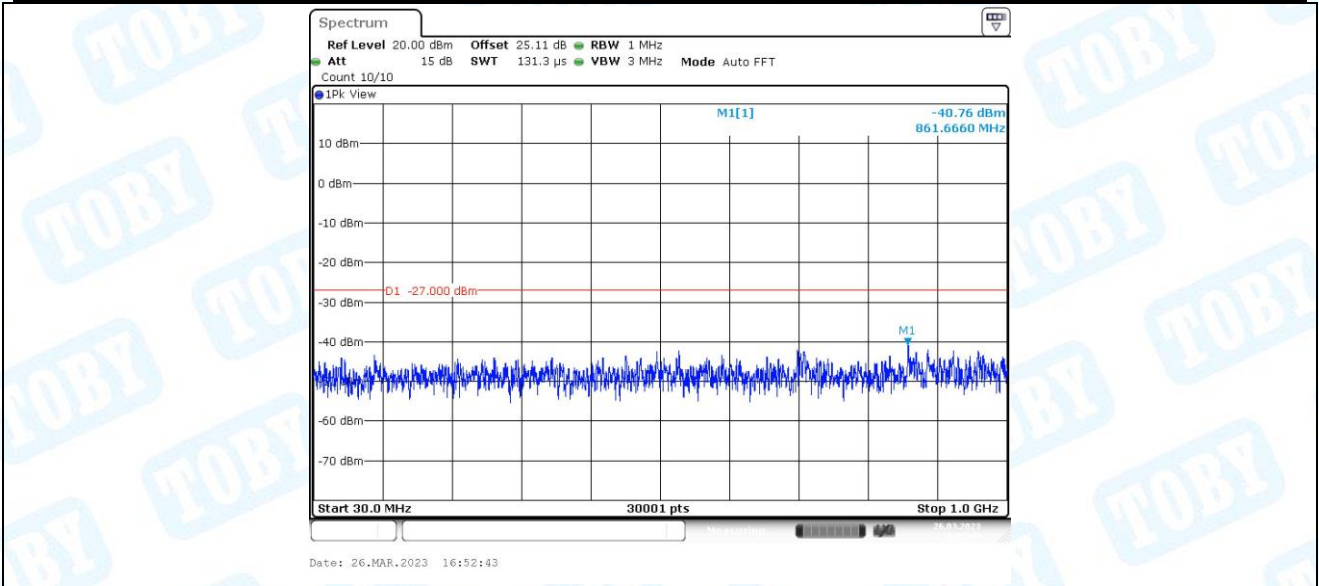
Date: 26.MAR.2023 16:50:54

11AC40MIMO\_Ant1\_5755\_1000~40000

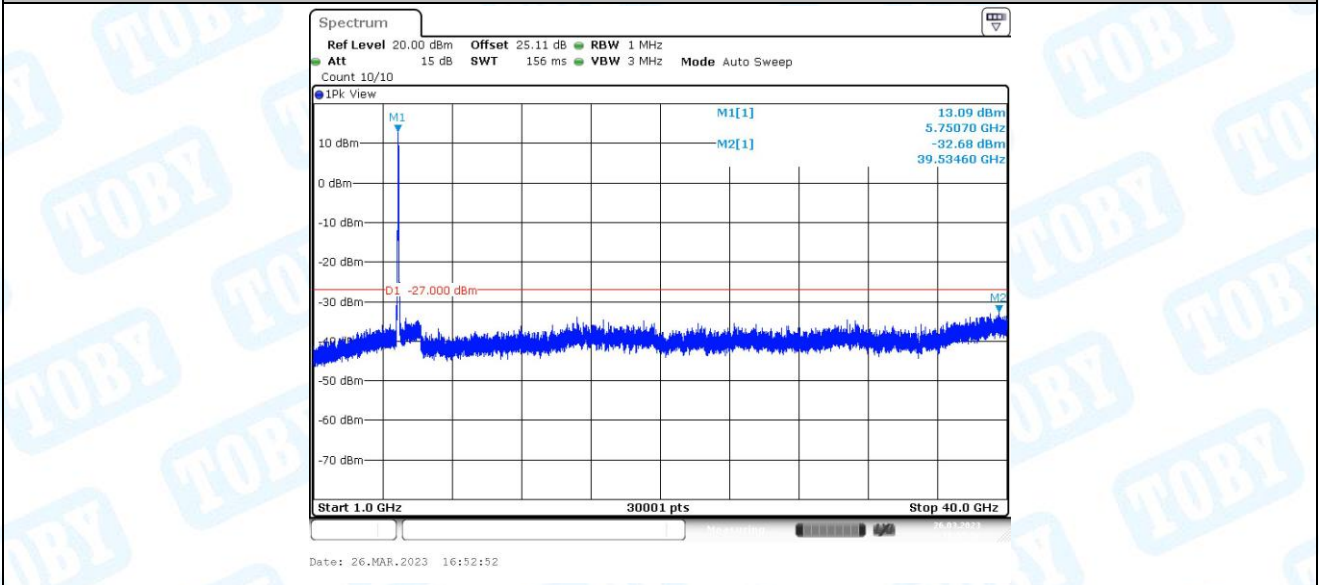


Date: 26.MAR.2023 16:51:04

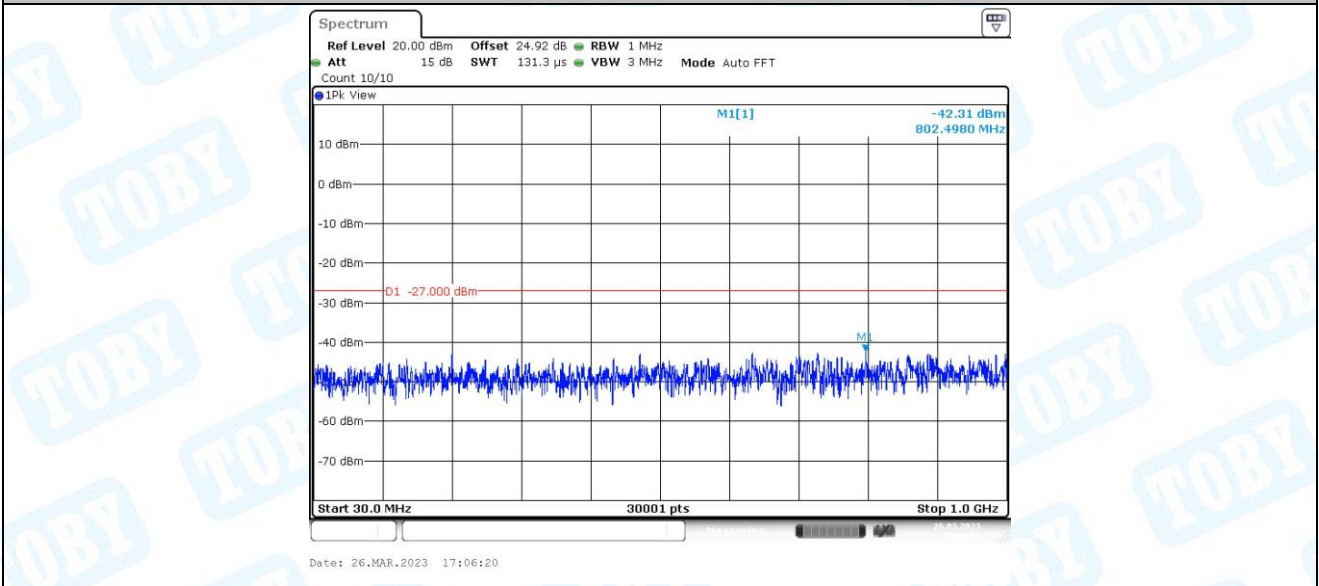
11AC40MIMO\_Ant2\_5755\_30~1000



11AC40MIMO\_Ant2\_5755\_1000~40000

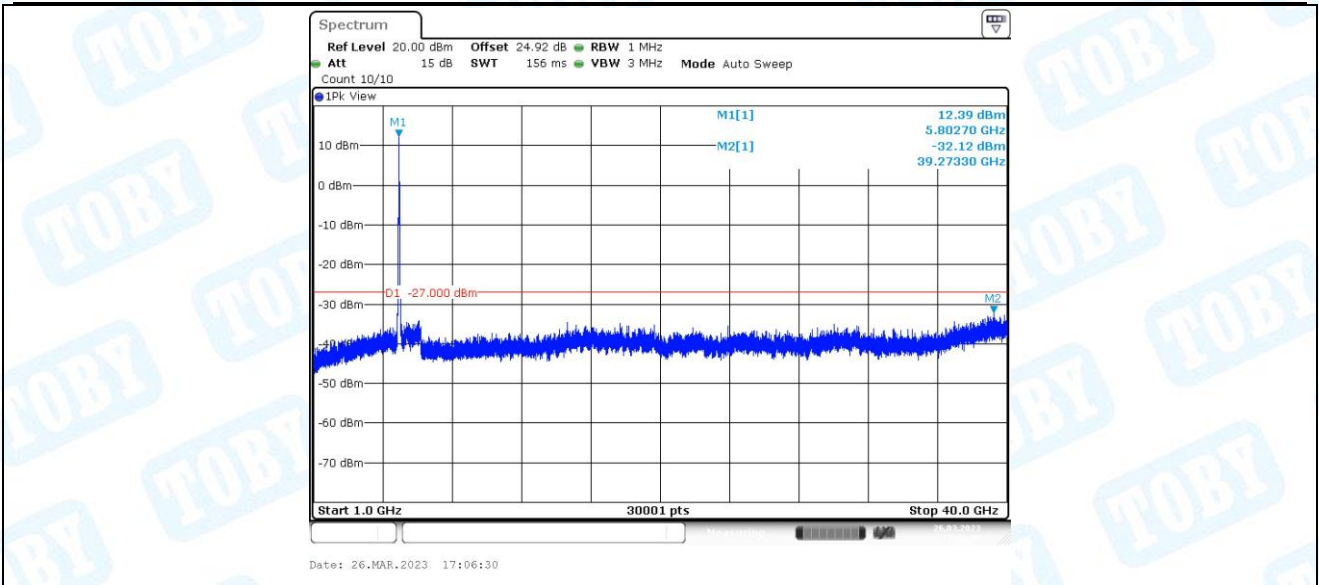


11AC40MIMO\_Ant1\_5795\_30~1000

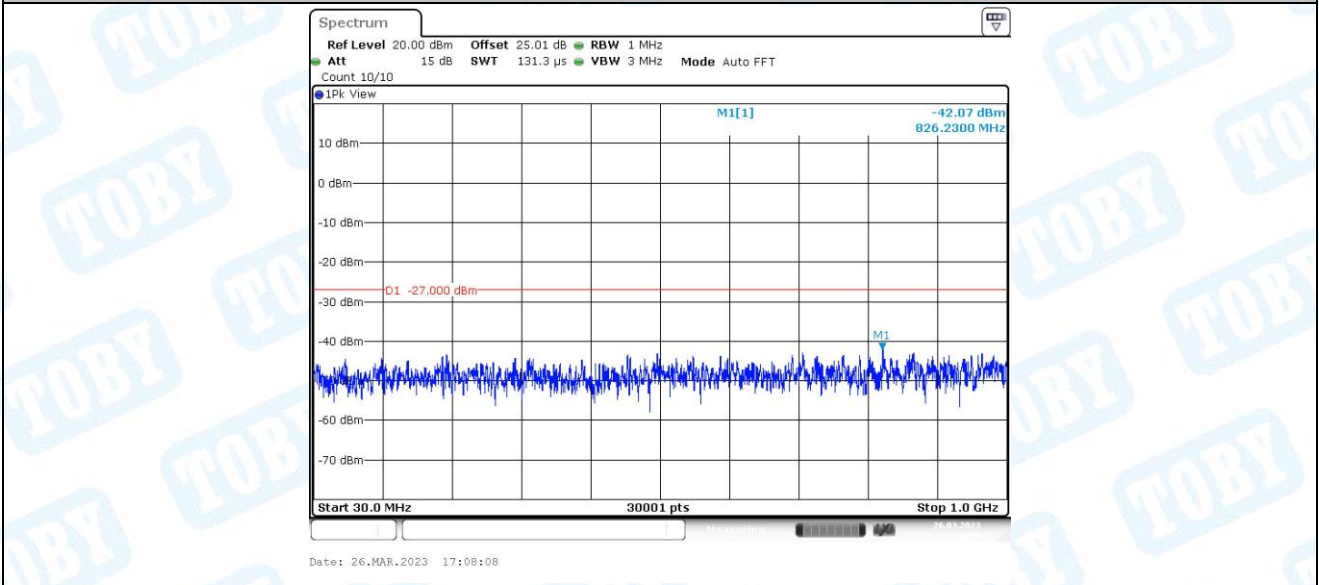


11AC40MIMO\_Ant1\_5795\_1000~40000

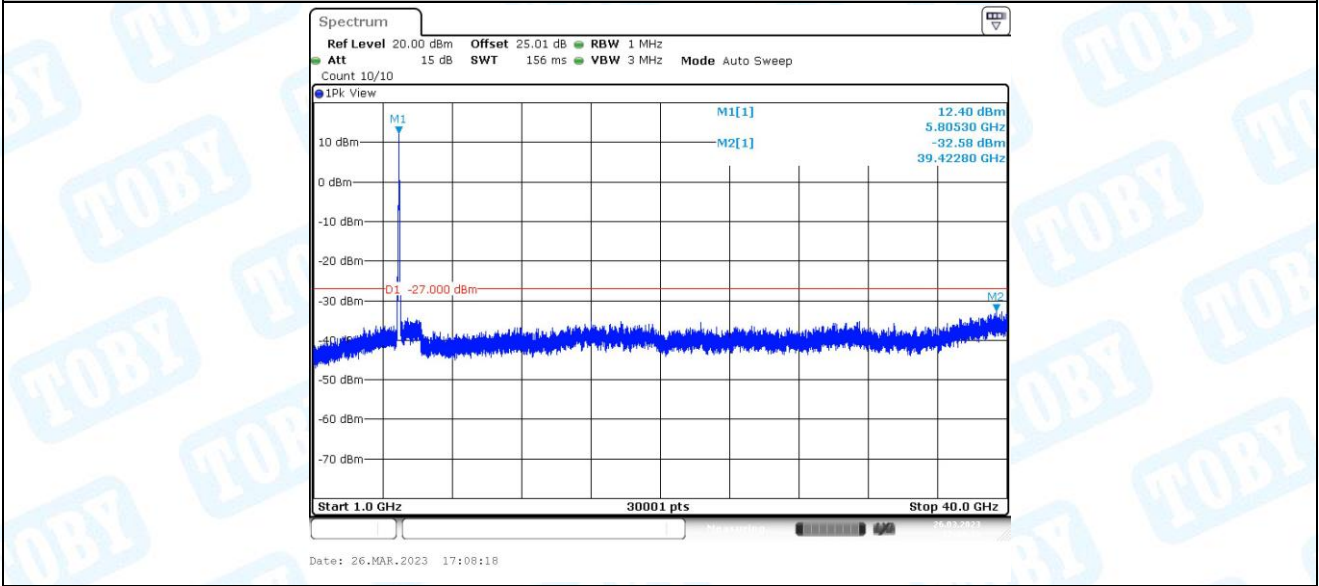




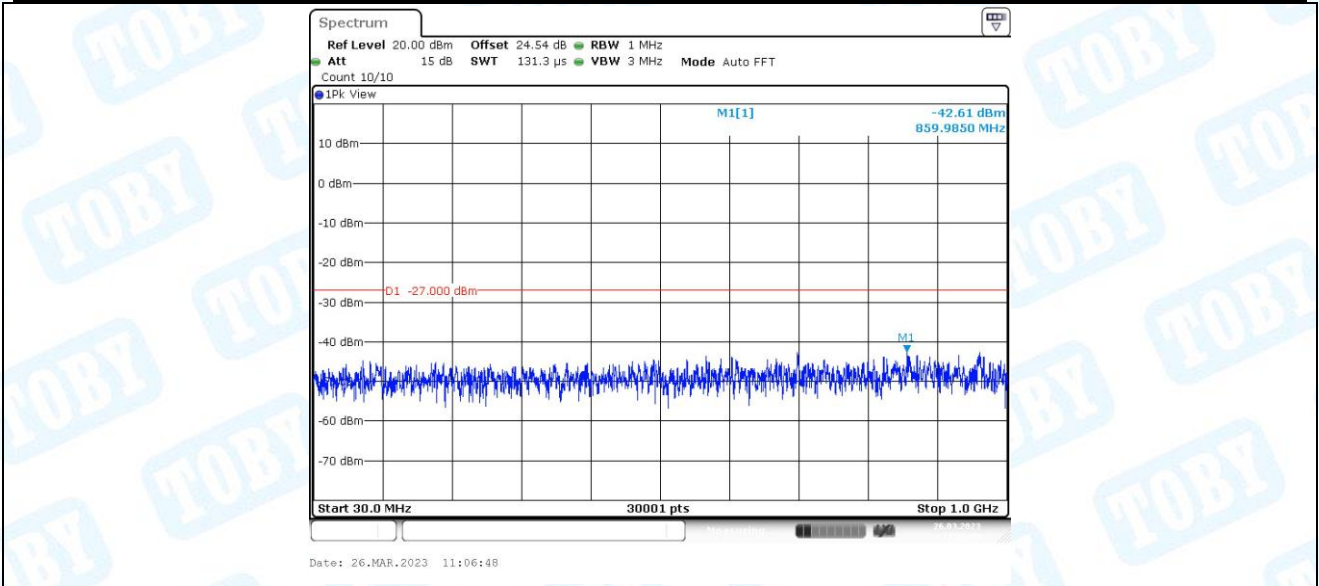
11AC40MIMO\_Ant2\_5795\_30~1000



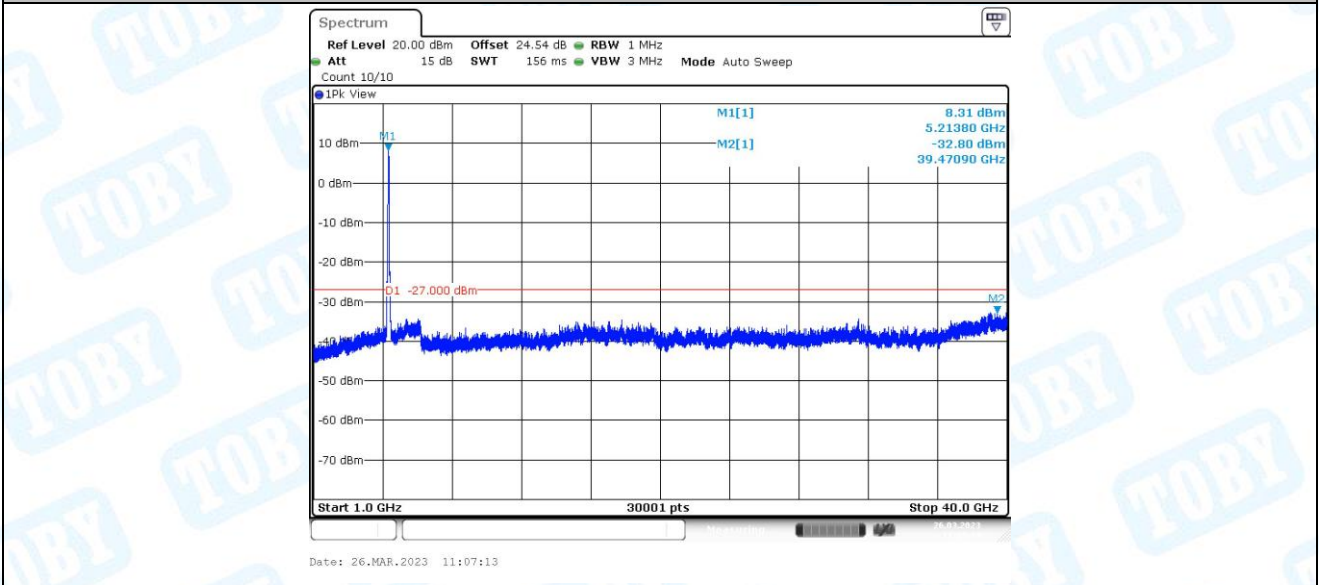
11AC40MIMO\_Ant2\_5795\_1000~40000



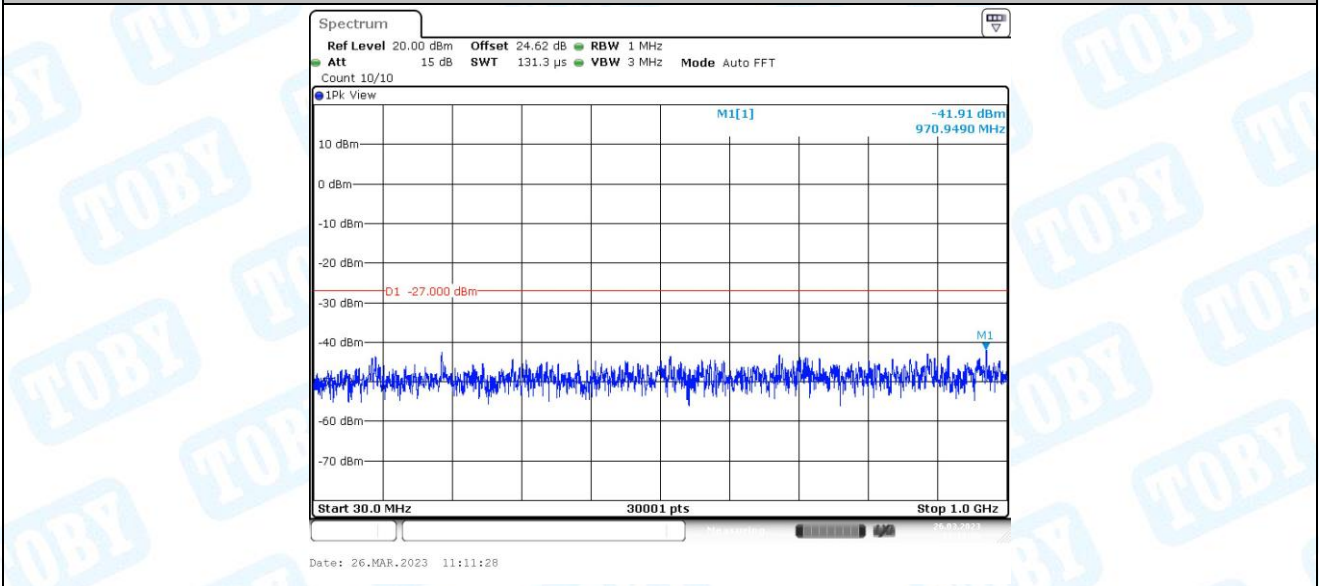
11AC80MIMO\_Ant1\_5210\_30~1000



11AC80MIMO\_Ant1\_5210\_1000~40000

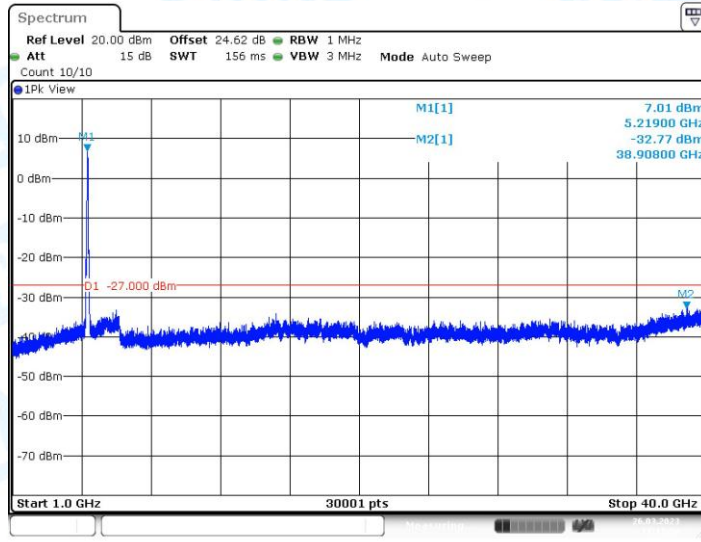


11AC80MIMO\_Ant2\_5210\_30~1000



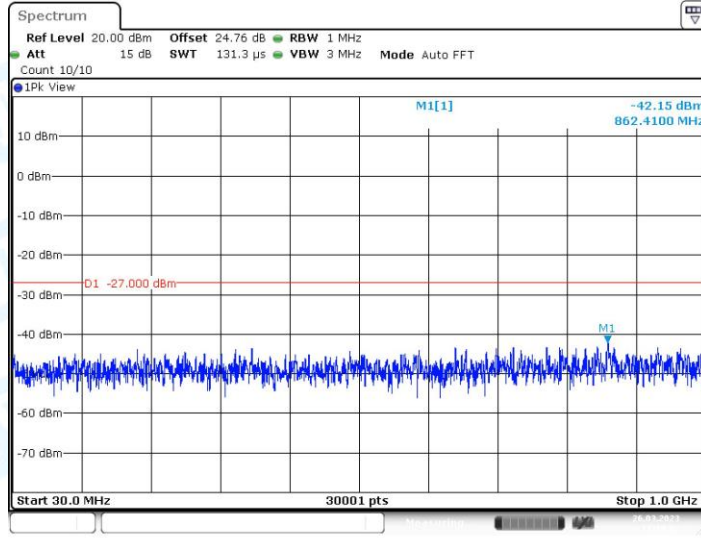
11AC80MIMO\_Ant2\_5210\_1000~40000





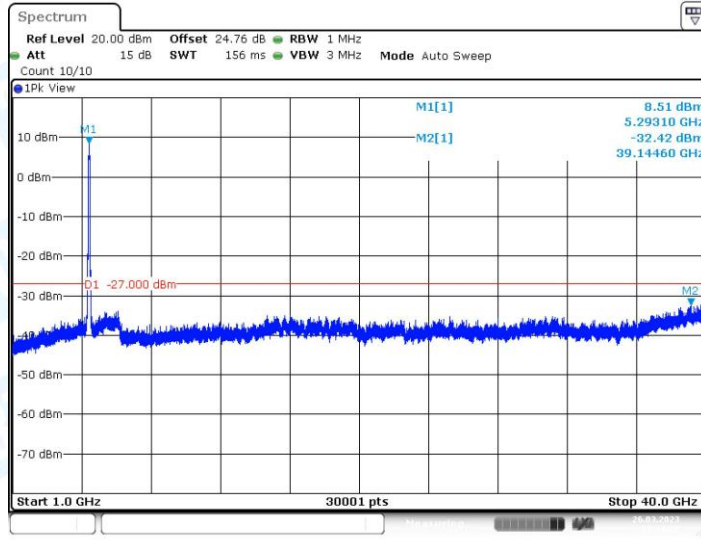
Date: 26.MAR.2023 11:11:53

11AC80MIMO\_Ant1\_5290\_30~1000



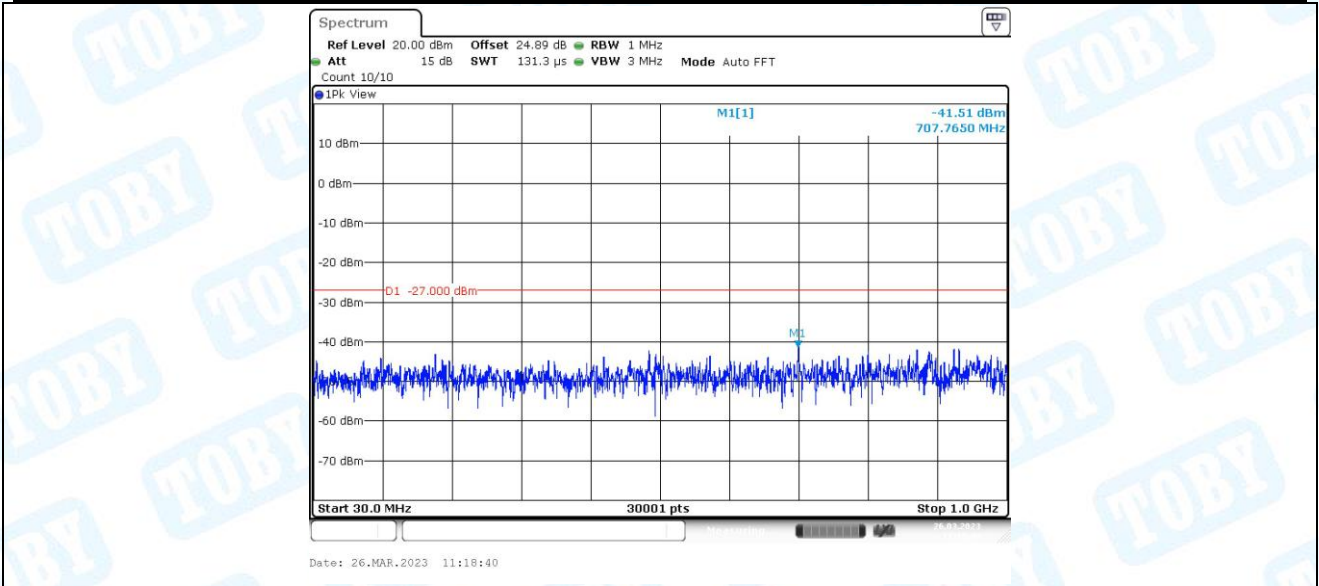
Date: 26.MAR.2023 11:14:01

11AC80MIMO\_Ant1\_5290\_1000~40000

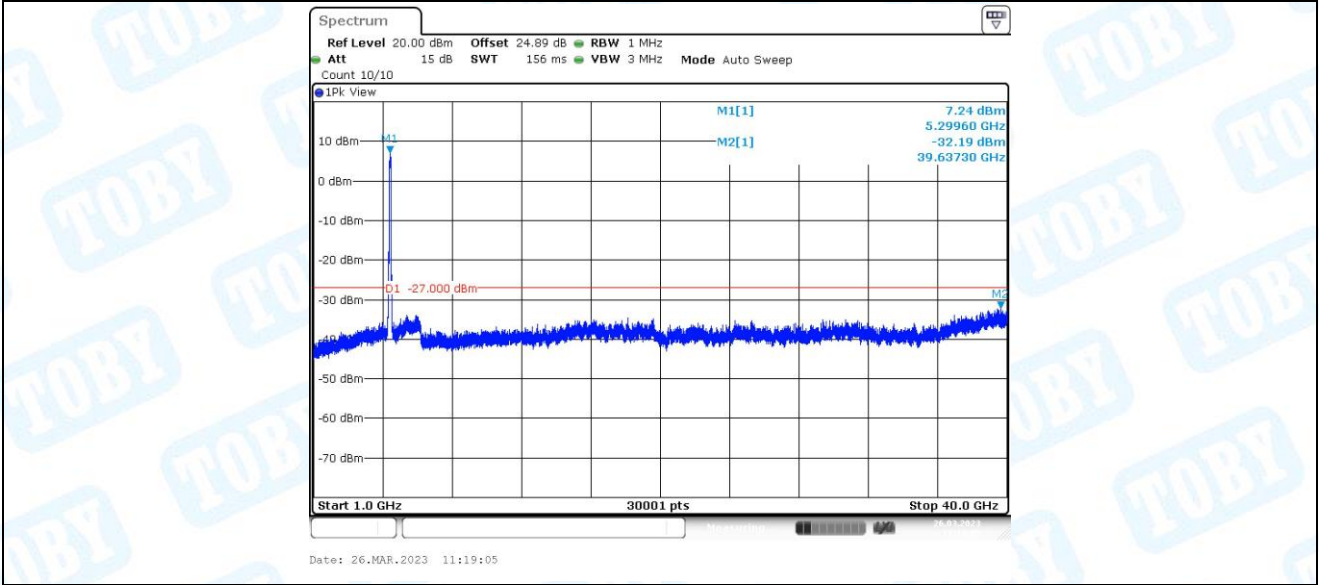


Date: 26.MAR.2023 11:14:27

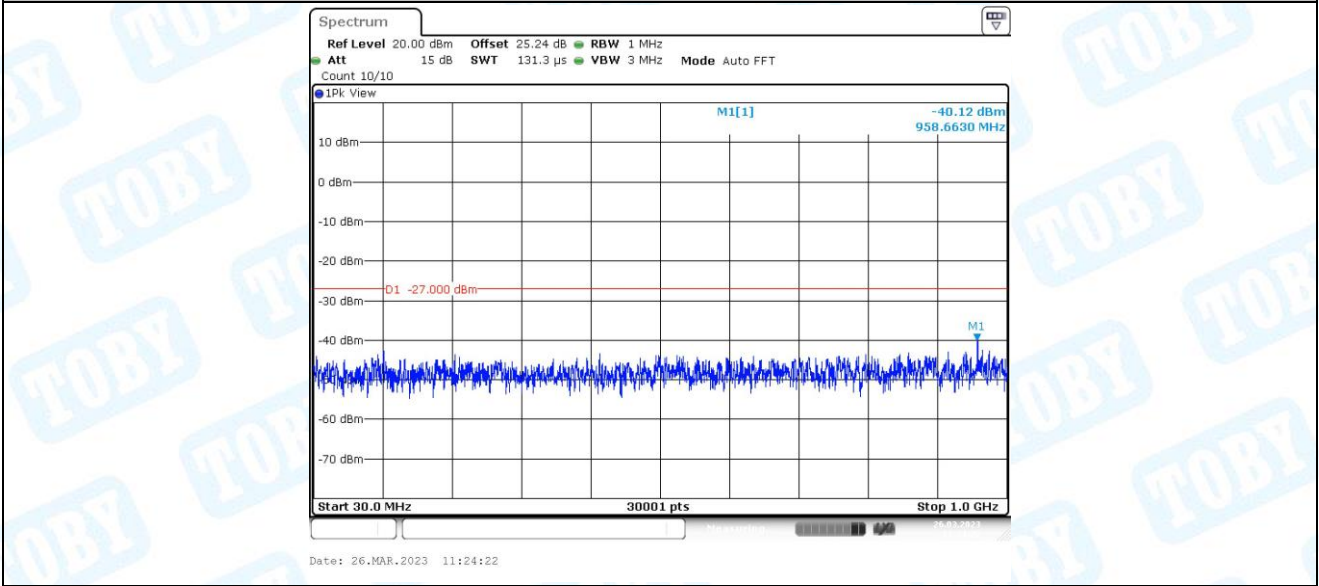
11AC80MIMO\_Ant2\_5290\_30~1000



11AC80MIMO\_Ant2\_5290\_1000~40000

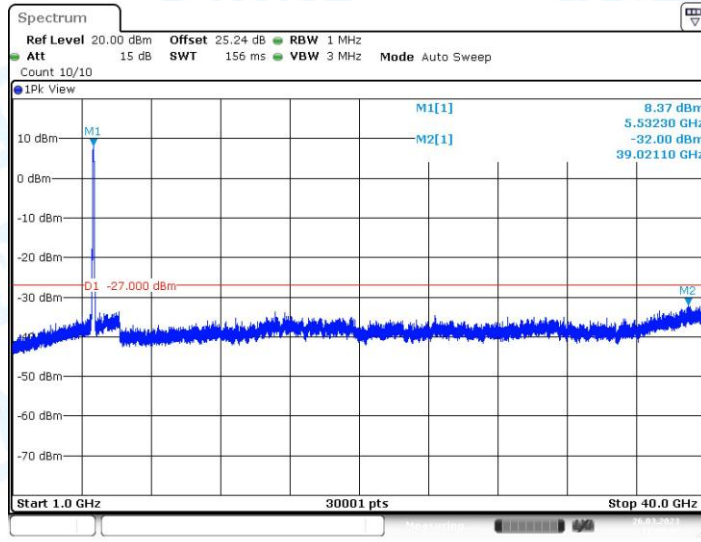


11AC80MIMO\_Ant1\_5530\_30~1000



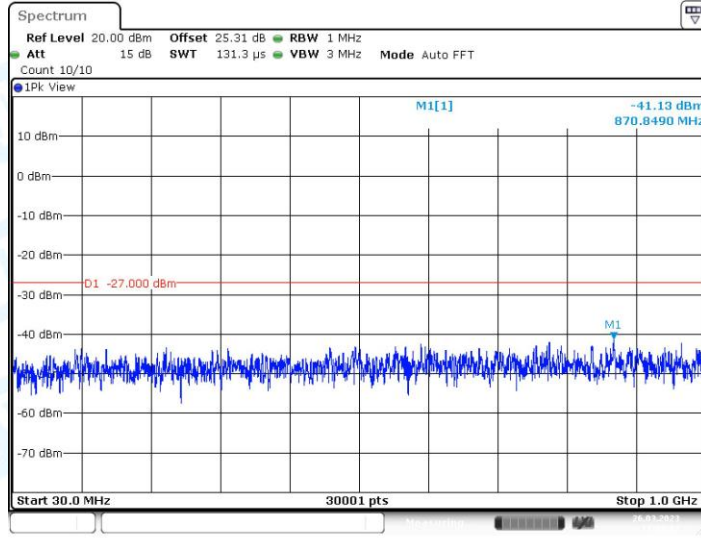
11AC80MIMO\_Ant1\_5530\_1000~40000





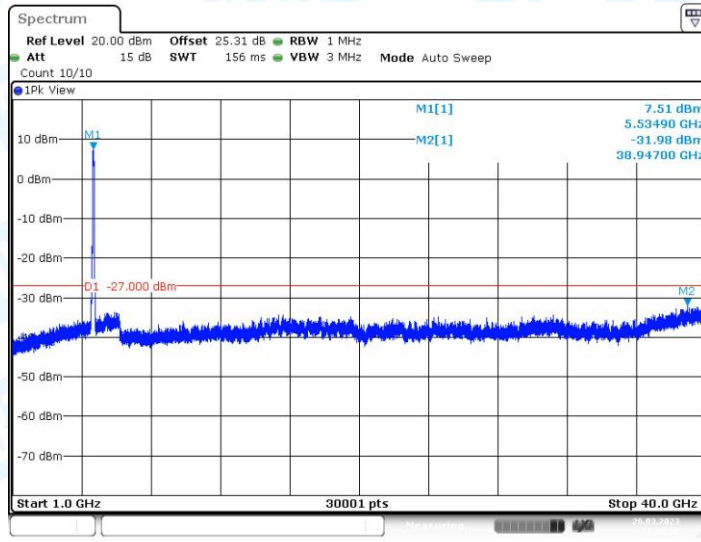
Date: 26.MAR.2023 11:24:47

11AC80MIMO\_Ant2\_5530\_30~1000



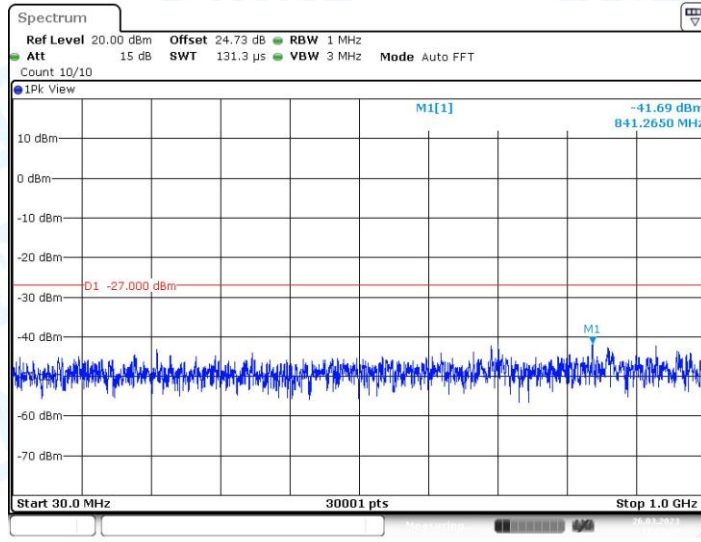
Date: 26.MAR.2023 11:29:01

11AC80MIMO\_Ant2\_5530\_1000~40000



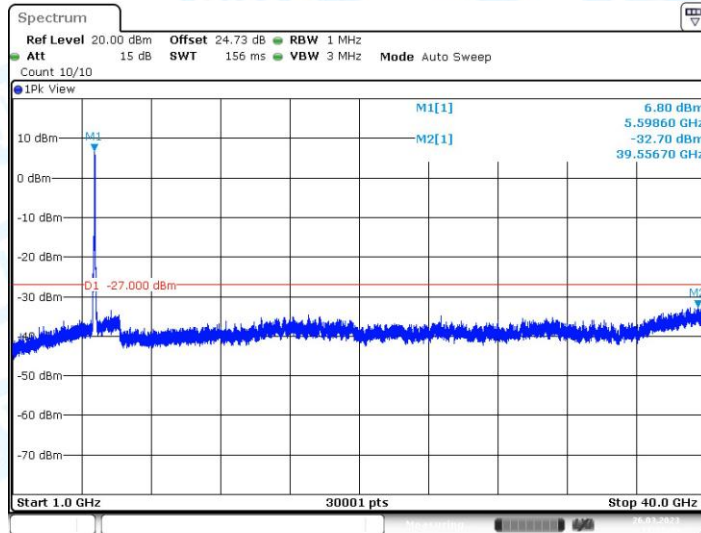
Date: 26.MAR.2023 11:29:27

11AC80MIMO\_Ant1\_5610\_30~1000



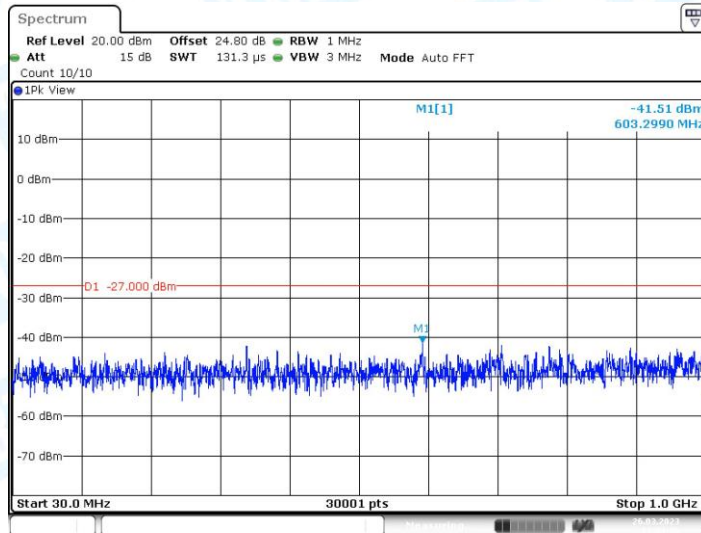
Date: 26.MAR.2023 11:31:23

11AC80MIMO\_Ant1\_5610\_1000~40000



Date: 26.MAR.2023 11:31:48

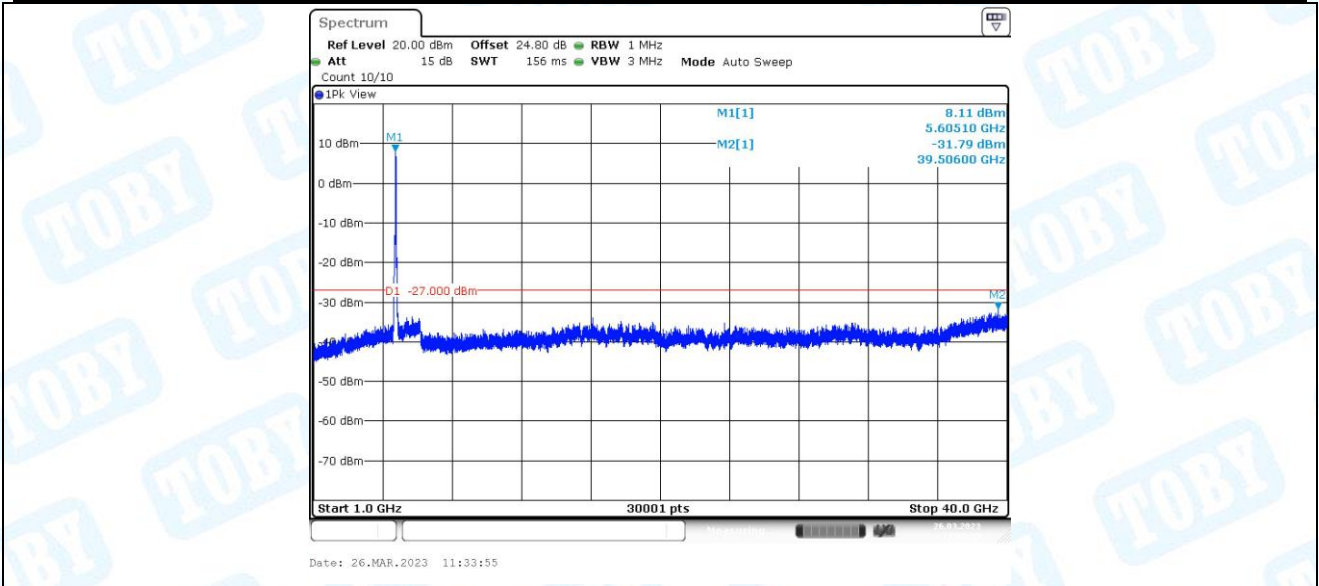
11AC80MIMO\_Ant2\_5610\_30~1000



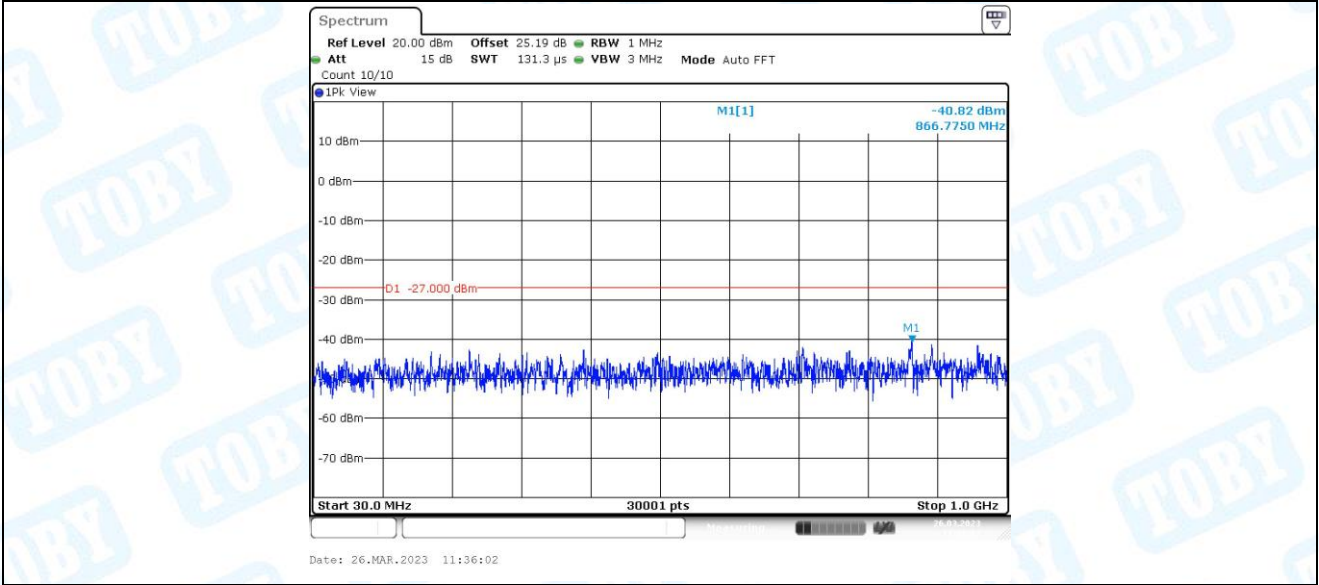
Date: 26.MAR.2023 11:33:30

11AC80MIMO\_Ant2\_5610\_1000~40000

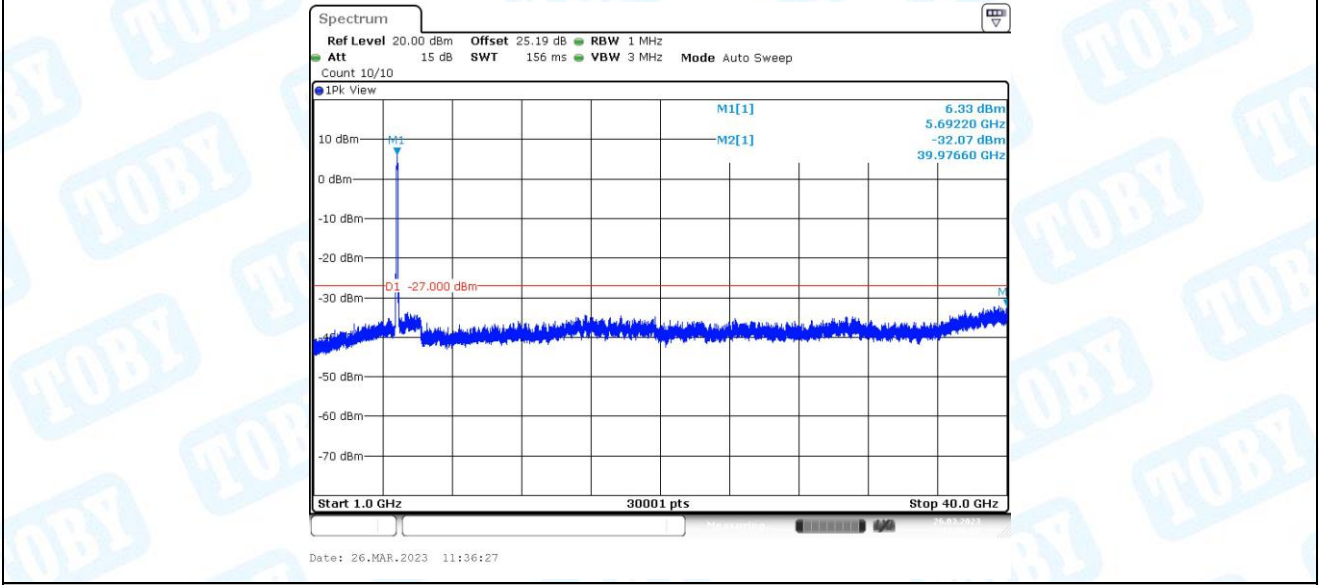




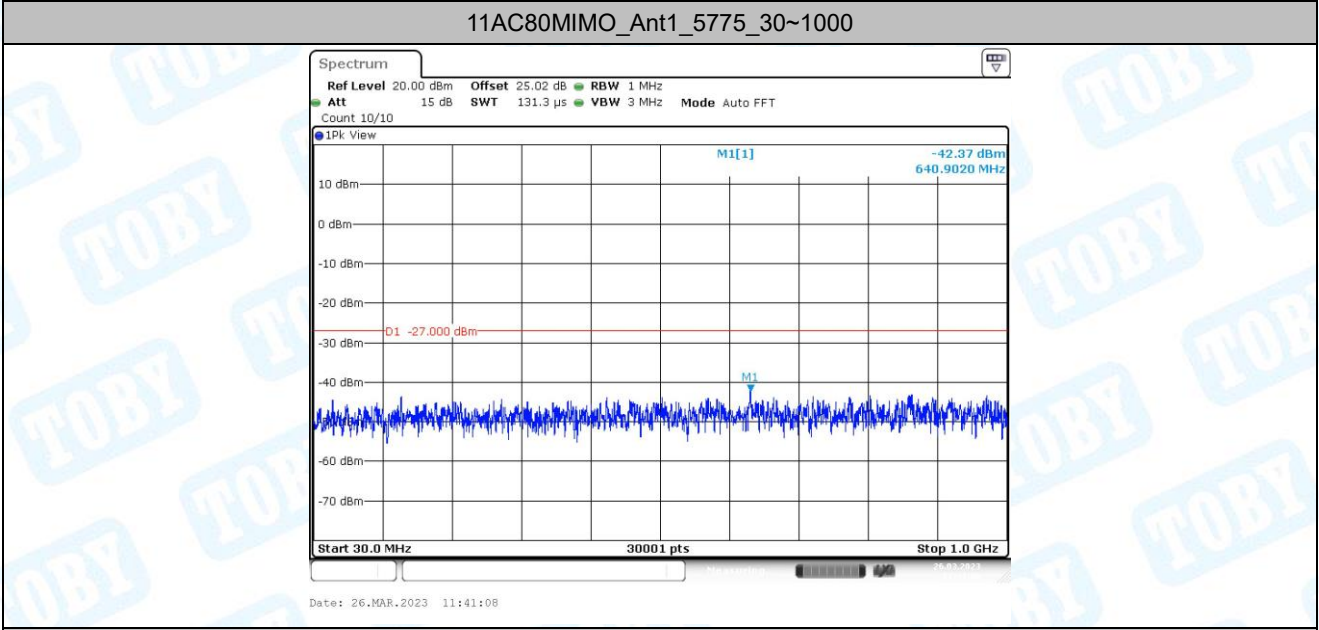
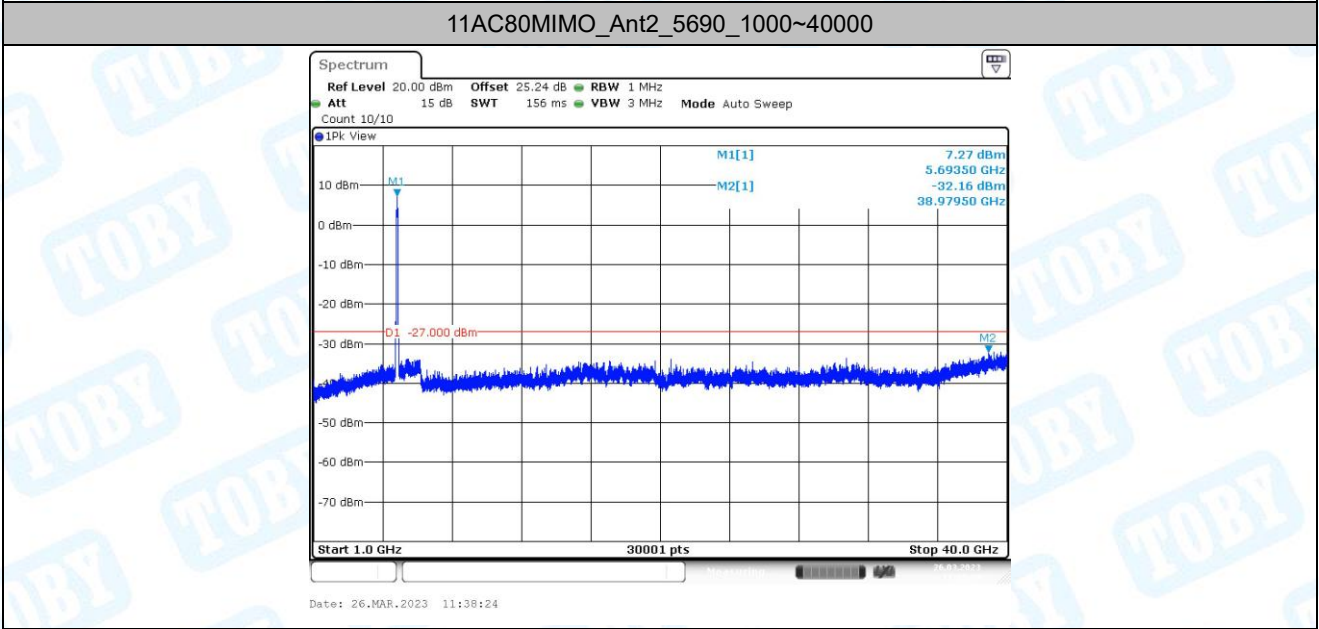
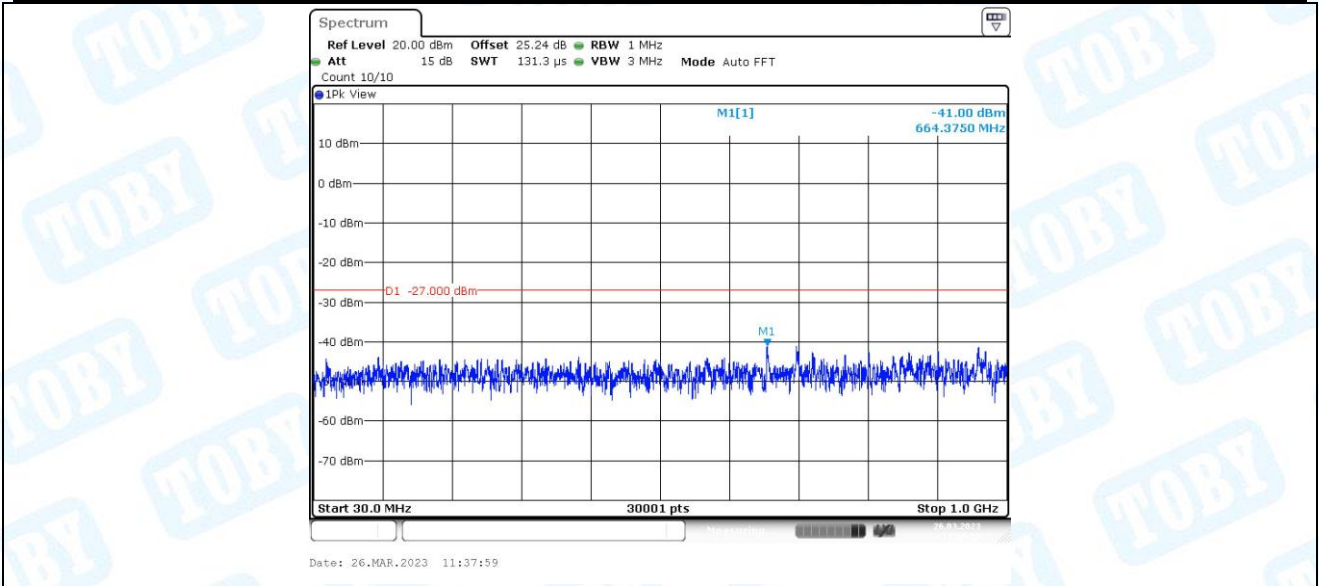
11AC80MIMO\_Ant1\_5690\_30~1000



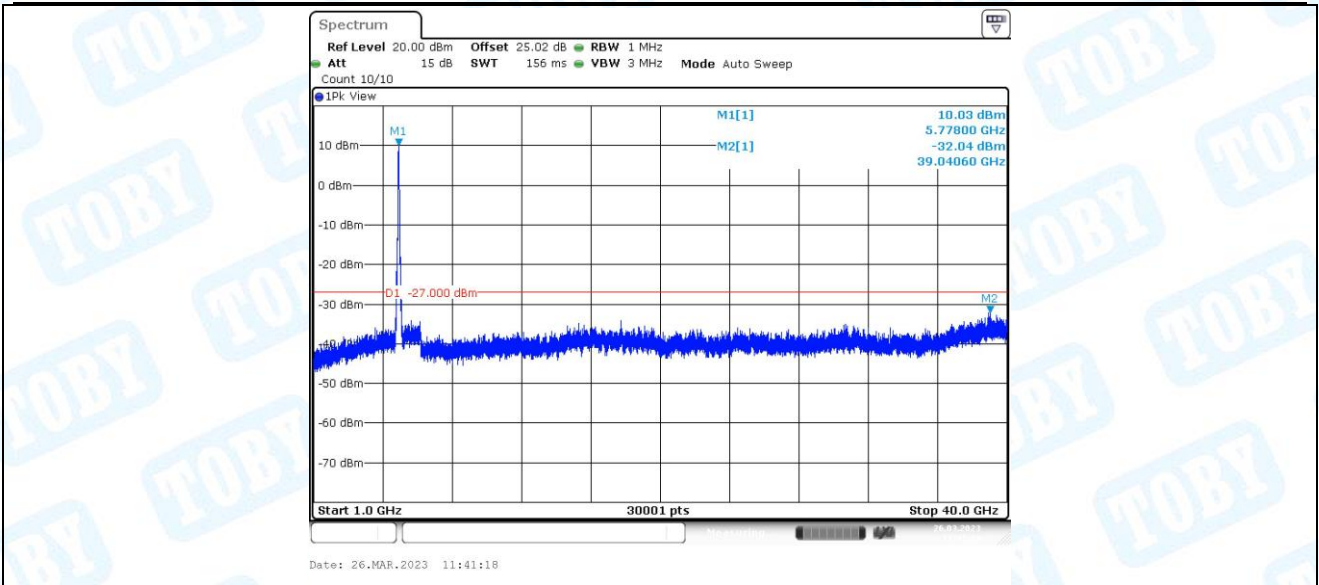
11AC80MIMO\_Ant1\_5690\_1000~40000



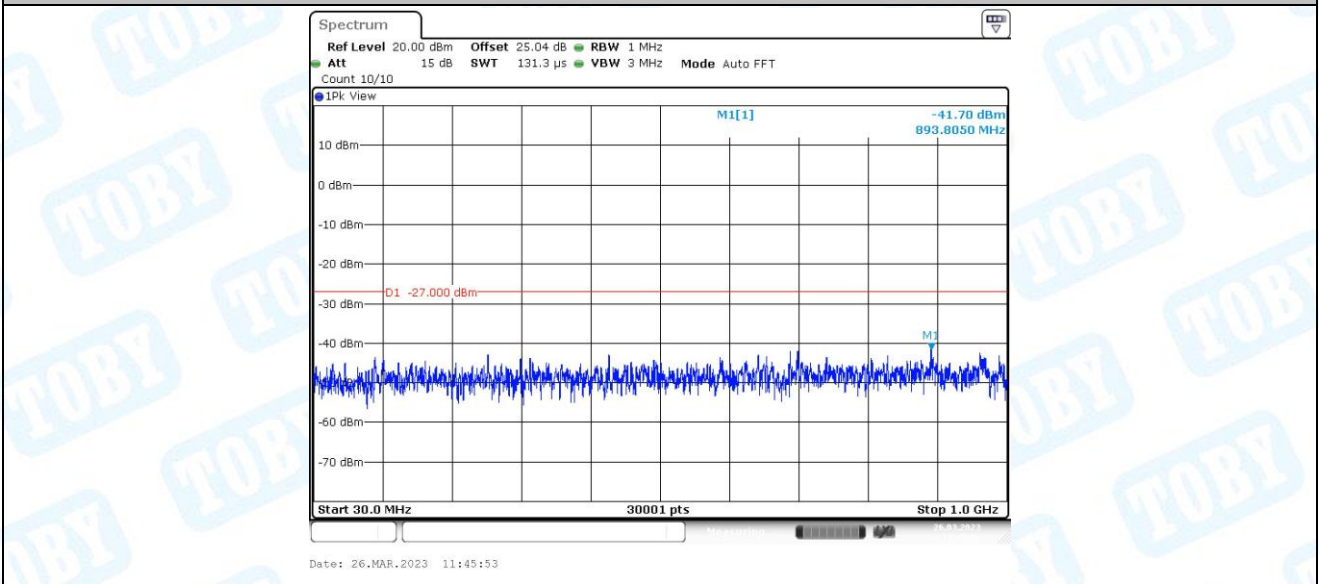
11AC80MIMO\_Ant2\_5690\_30~1000



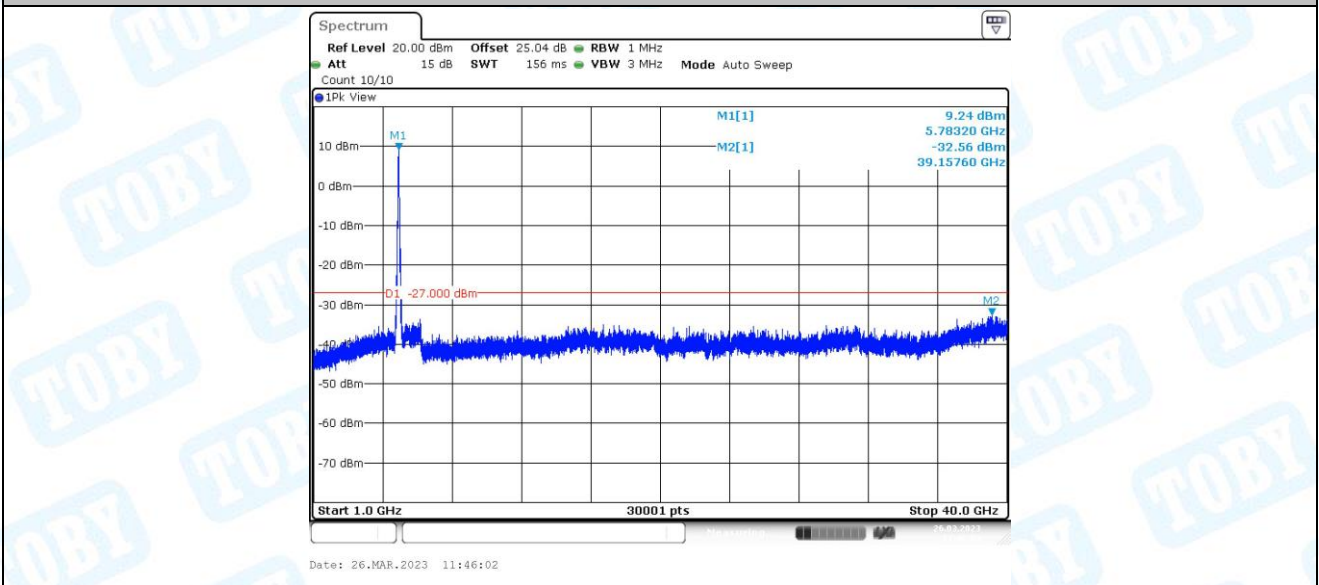




11AC80MIMO\_Ant2\_5775\_30~1000



11AC80MIMO\_Ant2\_5775\_1000~40000



## 6. Frequency Stability

### 6.1. Test Result (only show the worst data)

TestMode	Antenna	Channel	Voltage				Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)		
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5260	NV	NT	20000.00	3.802281	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5500	NV	NT	20000.00	3.636364	20	PASS
			LV	NT	20000.00	3.636364	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40MIM O	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5550	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
11AC80MI MO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	15.355086	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS



Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5260	NV	0	-20000.00	-3.802281	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5500	NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.636364	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5745	NV	0	20000.00	3.481288	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
11N40MIM O	Ant1	5190	NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.414258	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5270	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.590133	20	PASS
			NV	40	40000.00	7.590133	20	PASS
		5550	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5755	NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS

11AC80MI MO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5290	NV	0	80000.00	15.122873	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5530	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5775	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS



## 7. Duty Cycle

### 7.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Verdict
11A	Ant1	5180	1.39	1.45	95.86	0.72	---
	Ant2	5180	1.39	1.45	95.86	0.72	---
	Ant1	5200	1.40	1.46	95.89	0.71	---
	Ant2	5200	1.40	1.46	95.89	0.71	---
	Ant1	5240	1.40	1.46	95.89	0.71	---
	Ant2	5240	1.40	1.46	95.89	0.71	---
	Ant1	5260	1.39	1.45	95.86	0.72	---
	Ant2	5260	1.39	1.46	95.21	0.72	---
	Ant1	5280	1.39	1.45	95.86	0.72	---
	Ant2	5280	1.40	1.46	95.89	0.71	---
	Ant1	5320	1.40	1.46	95.89	0.71	---
	Ant2	5320	1.40	1.46	95.89	0.71	---
	Ant1	5500	1.40	1.46	95.89	0.71	---
	Ant2	5500	1.39	1.45	95.86	0.72	---
	Ant1	5580	1.39	1.45	95.86	0.72	---
	Ant2	5580	1.40	1.46	95.89	0.71	---
	Ant1	5720	1.39	1.45	95.86	0.72	---
	Ant2	5720	1.40	1.46	95.89	0.71	---
	Ant1	5745	1.40	1.46	95.89	0.71	---
	Ant2	5745	1.39	1.45	95.86	0.72	---
	Ant1	5785	1.40	1.46	95.89	0.71	---
	Ant2	5785	1.39	1.45	95.86	0.72	---
	Ant1	5825	1.39	1.45	95.86	0.72	---
	Ant2	5825	1.40	1.46	95.89	0.71	---
11N20MIMO	Ant1	5180	0.68	0.74	91.89	1.47	---
	Ant2	5180	0.67	0.73	91.78	1.49	---
	Ant1	5200	0.68	0.74	91.89	1.47	---
	Ant2	5200	0.67	0.74	90.54	1.49	---
	Ant1	5240	0.68	0.74	91.89	1.47	---
	Ant2	5240	0.68	0.74	91.89	1.47	---
	Ant1	5260	0.68	0.74	91.89	1.47	---
	Ant2	5260	0.67	0.73	91.78	1.49	---
	Ant1	5280	0.68	0.74	91.89	1.47	---
	Ant2	5280	0.68	0.74	91.89	1.47	---
	Ant1	5320	0.68	0.74	91.89	1.47	---
	Ant2	5320	0.68	0.74	91.89	1.47	---
	Ant1	5500	0.68	0.74	91.89	1.47	---
	Ant2	5500	0.68	0.74	91.89	1.47	---
	Ant1	5580	0.67	0.74	90.54	1.49	---
	Ant2	5580	0.67	0.73	91.78	1.49	---
	Ant1	5720	0.67	0.73	91.78	1.49	---
	Ant2	5720	0.68	0.74	91.89	1.47	---
	Ant1	5745	0.68	0.74	91.89	1.47	---
	Ant2	5745	0.67	0.73	91.78	1.49	---
	Ant1	5785	0.68	0.74	91.89	1.47	---
	Ant2	5785	0.67	0.74	90.54	1.49	---
	Ant1	5825	0.67	0.74	90.54	1.49	---
	Ant2	5825	0.67	0.73	91.78	1.49	---
11N40MIMO	Ant1	5190	0.35	0.41	85.37	2.86	---
	Ant2	5190	0.35	0.41	85.37	2.86	---
	Ant1	5230	0.34	0.40	85.00	2.94	---

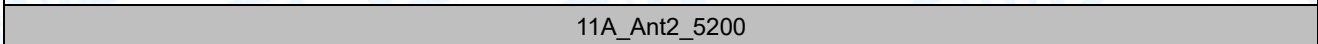
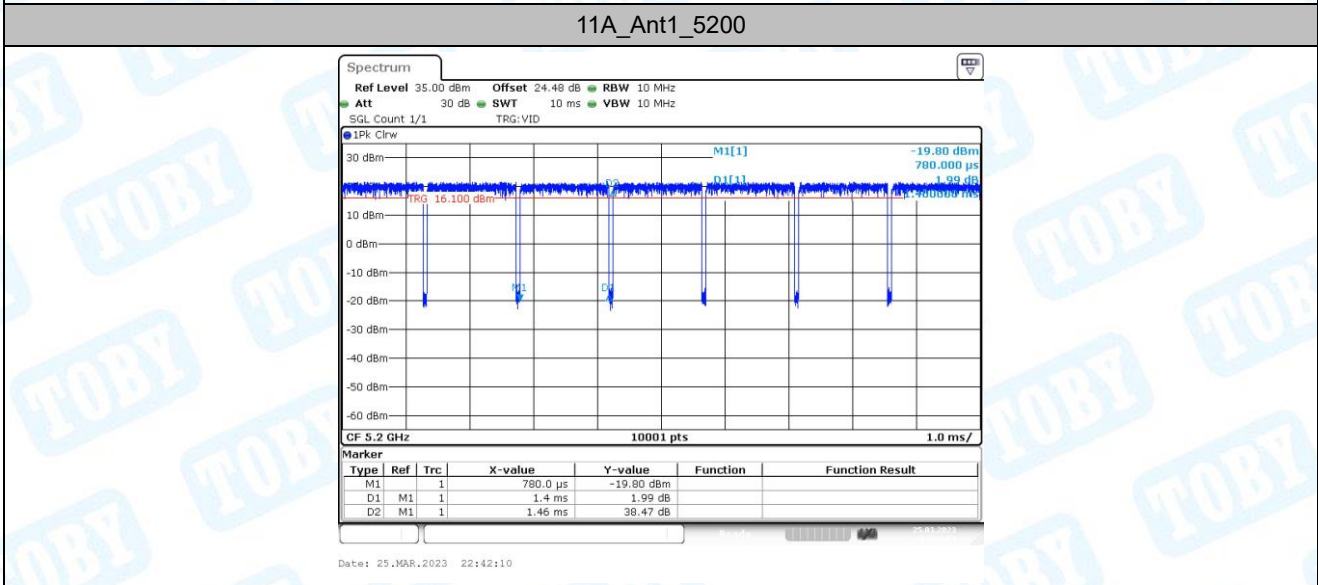
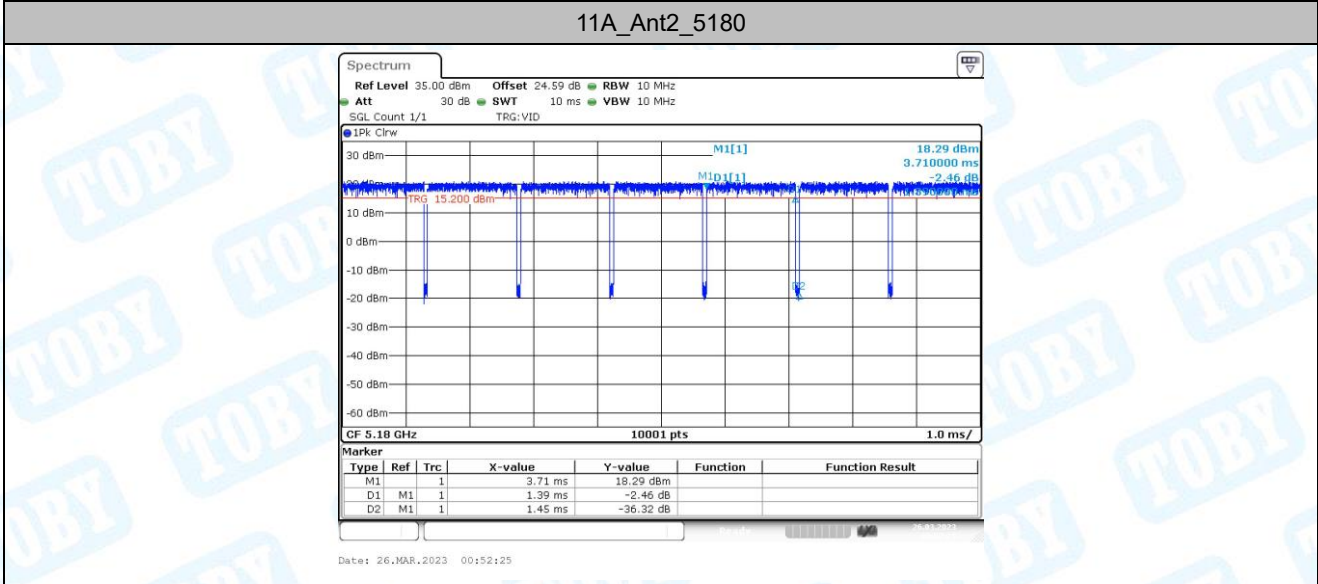
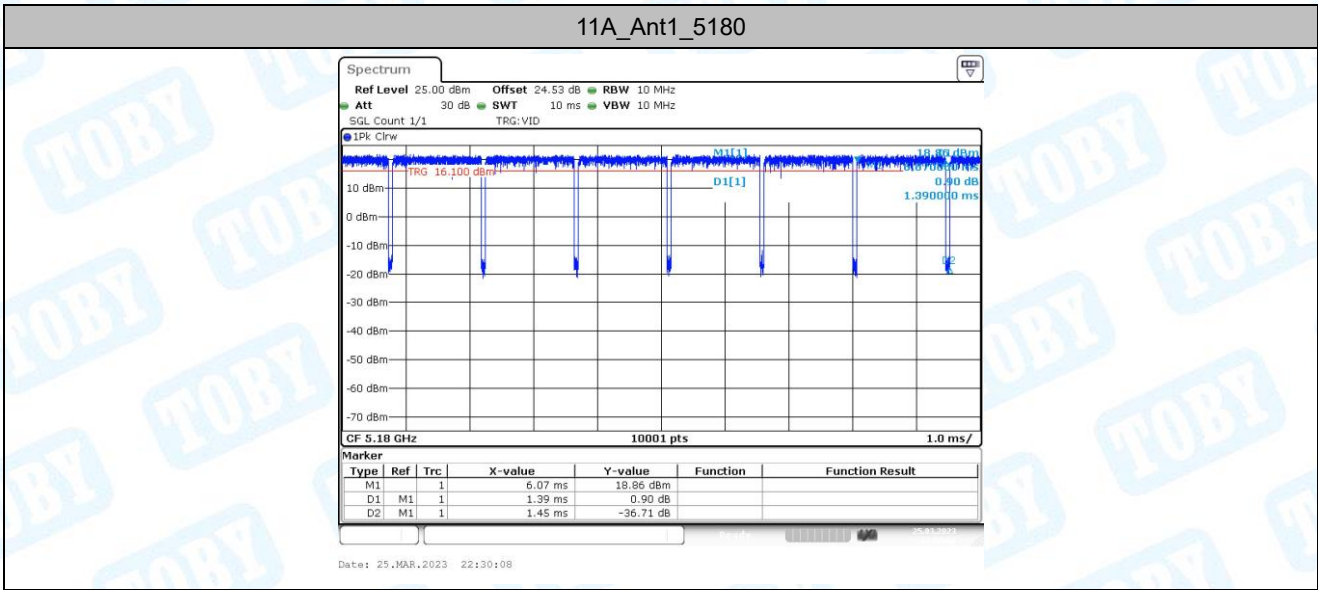


	Ant2	5230	0.35	0.41	85.37	2.86	---
	Ant1	5270	0.35	0.41	85.37	2.86	---
	Ant2	5270	0.35	0.41	85.37	2.86	---
	Ant1	5310	0.34	0.40	85.00	2.94	---
	Ant2	5310	0.35	0.41	85.37	2.86	---
	Ant1	5510	0.34	0.40	85.00	2.94	---
	Ant2	5510	0.35	0.41	85.37	2.86	---
	Ant1	5550	0.35	0.41	85.37	2.86	---
	Ant2	5550	0.35	0.41	85.37	2.86	---
	Ant1	5710	0.34	0.40	85.00	2.94	---
	Ant2	5710	0.35	0.41	85.37	2.86	---
	Ant1	5755	0.35	0.41	85.37	2.86	---
	Ant2	5755	0.34	0.40	85.00	2.94	---
	Ant1	5795	0.35	0.41	85.37	2.86	---
Ant2	5795	0.35	0.41	85.37	2.86	---	
11AC20MIMO	Ant1	5180	0.69	0.75	92.00	1.45	---
	Ant2	5180	0.69	0.75	92.00	1.45	---
	Ant1	5200	0.68	0.74	91.89	1.47	---
	Ant2	5200	0.69	0.75	92.00	1.45	---
	Ant1	5240	0.69	0.75	92.00	1.45	---
	Ant2	5240	0.68	0.74	91.89	1.47	---
	Ant1	5260	0.68	0.74	91.89	1.47	---
	Ant2	5260	0.69	0.75	92.00	1.45	---
	Ant1	5280	0.69	0.75	92.00	1.45	---
	Ant2	5280	0.68	0.74	91.89	1.47	---
	Ant1	5320	0.68	0.74	91.89	1.47	---
	Ant2	5320	0.68	0.74	91.89	1.47	---
	Ant1	5500	0.68	0.74	91.89	1.47	---
	Ant2	5500	0.68	0.74	91.89	1.47	---
	Ant1	5580	0.69	0.75	92.00	1.45	---
	Ant2	5580	0.68	0.74	91.89	1.47	---
	Ant1	5720	0.68	0.74	91.89	1.47	---
	Ant2	5720	0.68	0.74	91.89	1.47	---
	Ant1	5745	0.69	0.75	92.00	1.45	---
	Ant2	5745	0.69	0.75	92.00	1.45	---
	Ant1	5785	0.68	0.74	91.89	1.47	---
	Ant2	5785	0.69	0.75	92.00	1.45	---
	Ant1	5825	0.69	0.75	92.00	1.45	---
	Ant2	5825	0.68	0.75	90.67	1.47	---
11AC40MIMO	Ant1	5190	0.35	0.41	85.37	2.86	---
	Ant2	5190	0.35	0.41	85.37	2.86	---
	Ant1	5230	0.35	0.41	85.37	2.86	---
	Ant2	5230	0.35	0.41	85.37	2.86	---
	Ant1	5270	0.35	0.41	85.37	2.86	---
	Ant2	5270	0.35	0.41	85.37	2.86	---
	Ant1	5310	0.35	0.41	85.37	2.86	---
	Ant2	5310	0.35	0.41	85.37	2.86	---
	Ant1	5510	0.35	0.41	85.37	2.86	---
	Ant2	5510	0.35	0.41	85.37	2.86	---
	Ant1	5550	0.35	0.41	85.37	2.86	---
	Ant2	5550	0.35	0.41	85.37	2.86	---
	Ant1	5710	0.35	0.41	85.37	2.86	---
	Ant2	5710	0.35	0.41	85.37	2.86	---
	Ant1	5755	0.35	0.41	85.37	2.86	---
	Ant2	5755	0.35	0.41	85.37	2.86	---
	Ant1	5795	0.35	0.41	85.37	2.86	---
	Ant2	5795	0.35	0.41	85.37	2.86	---
11AC80MIMO	Ant1	5210	0.19	0.25	76.00	5.26	---

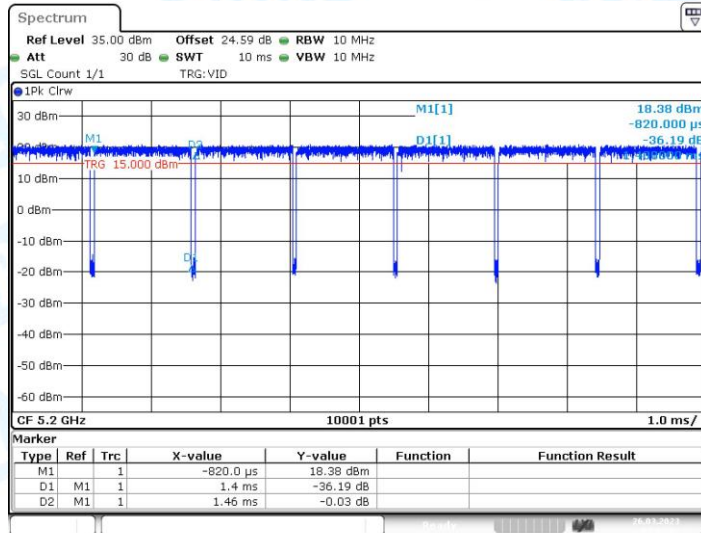


Ant2	5210	0.19	0.25	76.00	5.26	---
Ant1	5290	0.19	0.25	76.00	5.26	---
Ant2	5290	0.19	0.25	76.00	5.26	---
Ant1	5530	0.19	0.25	76.00	5.26	---
Ant2	5530	0.19	0.25	76.00	5.26	---
Ant1	5610	0.19	0.25	76.00	5.26	---
Ant2	5610	0.19	0.25	76.00	5.26	---
Ant1	5690	0.19	0.25	76.00	5.26	---
Ant2	5690	0.18	0.24	75.00	5.56	---
Ant1	5775	0.18	0.24	75.00	5.56	---
Ant2	5775	0.18	0.24	75.00	5.56	---

## 7.2. Test Graphs

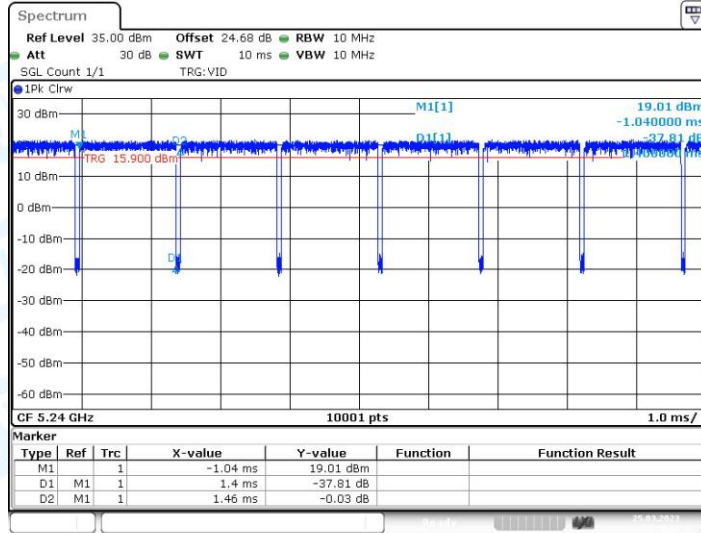






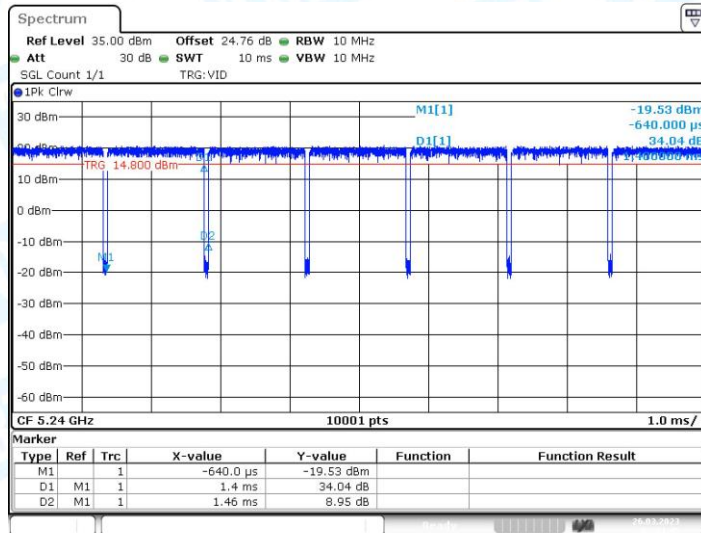
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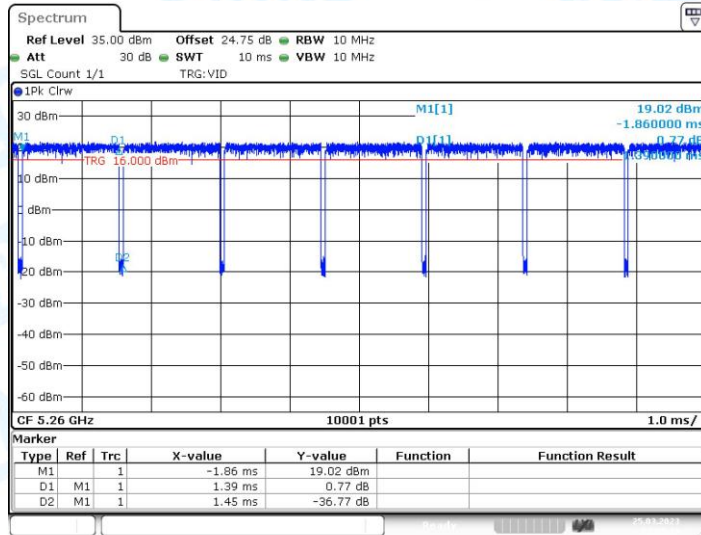
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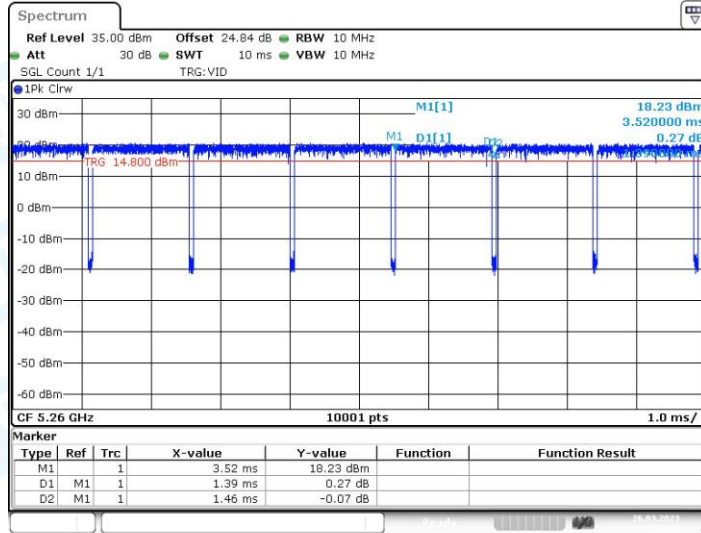
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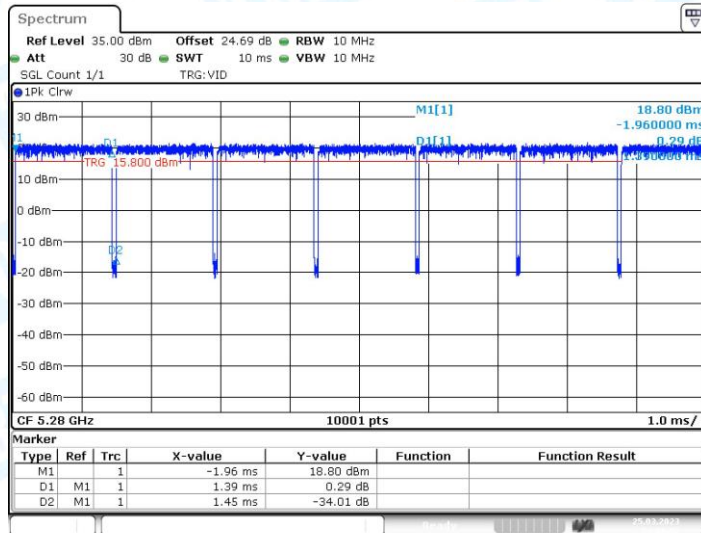
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11A\_Ant1\_5280



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