Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	20000.00	3.861004	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	20000.00	3.861004	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	20000.00	3.861004	20	PASS
		5260	NV	-30	20000.00	3.802281	20	PASS
			NV	-20	20000.00	3.802281	20	PASS
			NV	-10	20000.00	3.802281	20	PASS
			NV	0	20000.00	3.802281	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	20000.00	3.802281	20	PASS
			NV	30	20000.00	3.802281	20	PASS
			NV	40	20000.00	3.802281	20	PASS
			NV	50	20000.00	3.802281	20	PASS
		5500	NV	-30	20000.00	3.636364	20	PASS
			NV	-20	20000.00	3.636364	20	PASS
			NV	-10	20000.00	3.636364	20	PASS
			NV	0	20000.00	3.636364	20	PASS
			NV	10	20000.00	3.636364	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	20000.00	3.636364	20	PASS
			NV	40	20000.00	3.636364	20	PASS
			NV	50	20000.00	3.636364	20	PASS
		5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	20000.00	3.481288	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	20000.00	3.481288	20	PASS
			NV	50	20000.00	3.481288	20	PASS

10. Duty Cycle

10.1.Test Result

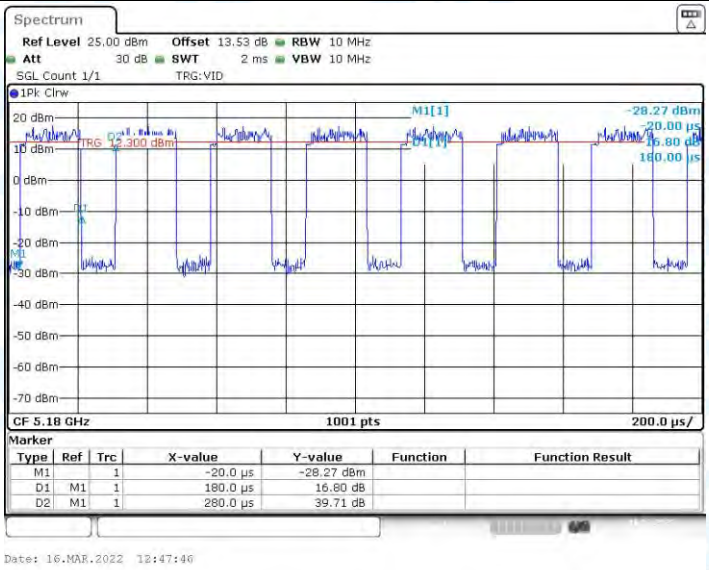
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	0.18	0.28	64.29	---	---
	Ant2	5180	0.18	0.27	66.67	---	---
	Ant1	5220	0.18	0.28	64.29	---	---
	Ant2	5220	0.18	0.28	64.29	---	---
	Ant1	5240	0.17	0.27	62.96	---	---
	Ant2	5240	0.17	0.27	62.96	---	---
	Ant1	5260	0.18	0.28	64.29	---	---
	Ant2	5260	0.18	0.28	64.29	---	---
	Ant1	5300	0.17	0.27	62.96	---	---
	Ant2	5300	0.18	0.28	64.29	---	---
	Ant1	5320	0.18	0.28	64.29	---	---
	Ant2	5320	0.18	0.28	64.29	---	---
	Ant1	5500	0.18	0.28	64.29	---	---
	Ant2	5500	0.18	0.28	64.29	---	---
	Ant1	5580	0.18	0.28	64.29	---	---
	Ant2	5580	0.18	0.28	64.29	---	---
	Ant1	5700	0.18	0.28	64.29	---	---
	Ant2	5700	0.18	0.28	64.29	---	---
	Ant1	5745	0.17	0.27	62.96	---	---
	Ant2	5745	0.17	0.27	62.96	---	---
	Ant1	5785	0.18	0.28	64.29	---	---
	Ant2	5785	0.18	0.28	64.29	---	---
	Ant1	5825	0.18	0.28	64.29	---	---
	Ant2	5825	0.18	0.28	64.29	---	---
11N20MIMO	Ant1	5180	0.17	0.27	62.96	---	---
	Ant2	5180	0.17	0.27	62.96	---	---
	Ant1	5220	0.16	0.26	61.54	---	---
	Ant2	5220	0.17	0.27	62.96	---	---
	Ant1	5240	0.16	0.26	61.54	---	---
	Ant2	5240	0.17	0.27	62.96	---	---
	Ant1	5260	0.16	0.26	61.54	---	---
	Ant2	5260	0.16	0.26	61.54	---	---
	Ant1	5300	0.16	0.26	61.54	---	---
	Ant2	5300	0.17	0.27	62.96	---	---
	Ant1	5320	0.16	0.26	61.54	---	---
	Ant2	5320	0.16	0.26	61.54	---	---
	Ant1	5500	0.17	0.27	62.96	---	---
	Ant2	5500	0.16	0.26	61.54	---	---
	Ant1	5580	0.17	0.27	62.96	---	---
	Ant2	5580	0.17	0.27	62.96	---	---

	Ant1	5700	0.17	0.27	62.96	---	---
	Ant2	5700	0.17	0.27	62.96	---	---
	Ant1	5745	0.17	0.27	62.96	---	---
	Ant2	5745	0.17	0.27	62.96	---	---
	Ant1	5785	0.17	0.27	62.96	---	---
	Ant2	5785	0.17	0.27	62.96	---	---
	Ant1	5825	0.17	0.27	62.96	---	---
	Ant2	5825	0.16	0.26	61.54	---	---
11N40MIMO	Ant1	5190	0.10	0.20	50.00	---	---
	Ant2	5190	0.10	0.20	50.00	---	---
	Ant1	5230	0.10	0.20	50.00	---	---
	Ant2	5230	0.10	0.20	50.00	---	---
	Ant1	5270	0.10	0.20	50.00	---	---
	Ant2	5270	0.10	0.20	50.00	---	---
	Ant1	5310	0.10	0.20	50.00	---	---
	Ant2	5310	0.10	0.20	50.00	---	---
	Ant1	5510	0.10	0.20	50.00	---	---
	Ant2	5510	0.10	0.20	50.00	---	---
	Ant1	5550	0.10	0.20	50.00	---	---
	Ant2	5550	0.10	0.20	50.00	---	---
	Ant1	5670	0.10	0.20	50.00	---	---
	Ant2	5670	0.10	0.20	50.00	---	---
	Ant1	5755	0.10	0.20	50.00	---	---
	Ant2	5755	0.10	0.20	50.00	---	---
	Ant1	5795	0.10	0.20	50.00	---	---
	Ant2	5795	0.10	0.20	50.00	---	---
11AC20MIMO	Ant1	5180	1.93	1.95	98.97	---	---
	Ant2	5180	1.93	1.95	98.97	---	---
	Ant1	5220	1.93	1.95	98.97	---	---
	Ant2	5220	1.93	1.95	98.97	---	---
	Ant1	5240	1.93	1.95	98.97	---	---
	Ant2	5240	1.94	1.96	98.98	---	---
	Ant1	5260	1.93	1.95	98.97	---	---
	Ant2	5260	1.93	1.95	98.97	---	---
	Ant1	5300	1.93	1.95	98.97	---	---
	Ant2	5300	1.93	1.96	98.47	---	---
	Ant1	5320	1.93	1.95	98.97	---	---
	Ant2	5320	1.93	1.95	98.97	---	---
	Ant1	5500	1.93	1.95	98.97	---	---
	Ant2	5500	1.94	1.96	98.98	---	---
	Ant1	5580	1.93	1.95	98.97	---	---
	Ant2	5580	1.93	1.95	98.97	---	---
	Ant1	5700	1.93	1.95	98.97	---	---
	Ant2	5700	1.93	1.95	98.97	---	---
	Ant1	5745	1.93	1.95	98.97	---	---
	Ant2	5745	1.93	1.95	98.97	---	---

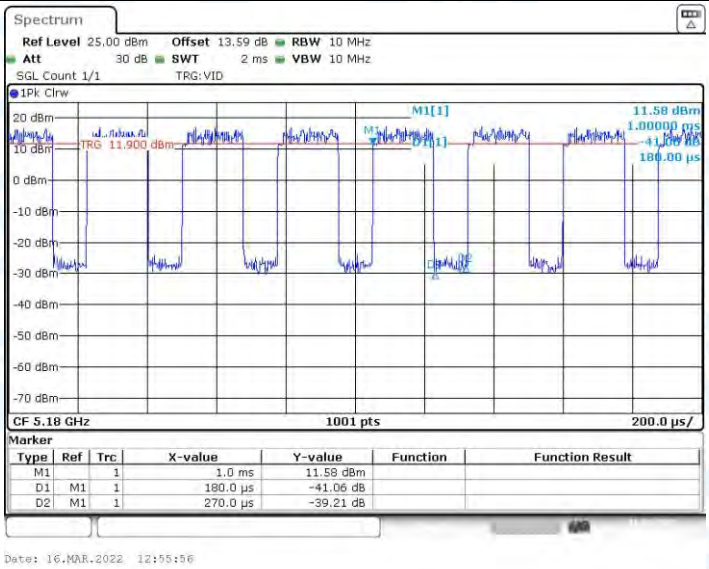
	Ant1	5785	1.93	1.95	98.97	---	---
	Ant2	5785	1.93	1.95	98.97	---	---
	Ant1	5825	1.93	1.95	98.97	---	---
	Ant2	5825	1.93	1.95	98.97	---	---
11AC40MIMO	Ant1	5190	1.54	1.56	98.72	---	---
	Ant2	5190	1.54	1.56	98.72	---	---
	Ant1	5230	1.54	1.56	98.72	---	---
	Ant2	5230	1.55	1.57	98.73	---	---
	Ant1	5270	1.54	1.56	98.72	---	---
	Ant2	5270	1.55	1.57	98.73	---	---
	Ant1	5310	1.54	1.56	98.72	---	---
	Ant2	5310	1.55	1.57	98.73	---	---
	Ant1	5510	1.55	1.57	98.73	---	---
	Ant2	5510	1.55	1.57	98.73	---	---
	Ant1	5550	1.54	1.56	98.72	---	---
	Ant2	5550	1.54	1.56	98.72	---	---
	Ant1	5670	1.54	1.56	98.72	---	---
	Ant2	5670	1.55	1.57	98.73	---	---
	Ant1	5755	1.54	1.56	98.72	---	---
	Ant2	5755	1.54	1.56	98.72	---	---
	Ant1	5795	1.54	1.56	98.72	---	---
	Ant2	5795	1.55	1.57	98.73	---	---
11AC80MIMO	Ant1	5210	2.24	2.26	99.12	---	---
	Ant2	5210	2.24	2.26	99.12	---	---
	Ant1	5290	2.24	2.26	99.12	---	---
	Ant2	5290	2.24	2.27	98.68	---	---
	Ant1	5530	2.24	2.26	99.12	---	---
	Ant2	5530	2.24	2.26	99.12	---	---
	Ant1	5610	2.24	2.26	99.12	---	---
	Ant2	5610	2.24	2.26	99.12	---	---
	Ant1	5775	2.24	2.26	99.12	---	---
	Ant2	5775	2.24	2.26	99.12	---	---
11AX20MIMO	Ant1	5180	3.95	4.95	79.80	---	---
	Ant2	5180	3.96	4.96	79.84	---	---
	Ant1	5220	3.96	4.96	79.84	---	---
	Ant2	5220	3.96	4.96	79.84	---	---
	Ant1	5240	3.96	4.96	79.84	---	---
	Ant2	5240	3.96	4.96	79.84	---	---
	Ant1	5260	3.95	4.94	79.96	---	---
	Ant2	5260	3.96	4.96	79.84	---	---
	Ant1	5300	3.95	4.94	79.96	---	---
	Ant2	5300	3.95	4.96	79.64	---	---
	Ant1	5320	3.95	4.95	79.80	---	---
	Ant2	5320	3.95	4.95	79.80	---	---
	Ant1	5500	3.95	4.95	79.80	---	---
	Ant2	5500	3.95	4.95	79.80	---	---

	Ant1	5580	3.96	4.95	80.00	---	---
	Ant2	5580	3.96	4.96	79.84	---	---
	Ant1	5700	3.95	4.96	79.64	---	---
	Ant2	5700	3.96	4.96	79.84	---	---
	Ant1	5745	3.96	4.96	79.84	---	---
	Ant2	5745	3.96	4.95	80.00	---	---
	Ant1	5785	3.96	4.95	80.00	---	---
	Ant2	5785	3.96	4.96	79.84	---	---
	Ant1	5825	3.95	4.95	79.80	---	---
	Ant2	5825	3.95	4.95	79.80	---	---
11AX40MIMO	Ant1	5190	2.01	3.01	66.78	---	---
	Ant2	5190	2.00	3.00	66.67	---	---
	Ant1	5230	2.00	3.00	66.67	---	---
	Ant2	5230	2.01	3.01	66.78	---	---
	Ant1	5270	2.01	3.01	66.78	---	---
	Ant2	5270	2.01	3.01	66.78	---	---
	Ant1	5310	2.01	3.01	66.78	---	---
	Ant2	5310	2.01	3.00	67.00	---	---
	Ant1	5510	2.01	3.01	66.78	---	---
	Ant2	5510	2.01	3.01	66.78	---	---
	Ant1	5550	2.01	3.00	67.00	---	---
	Ant2	5550	2.01	3.01	66.78	---	---
	Ant1	5670	2.01	3.01	66.78	---	---
	Ant2	5670	2.01	3.01	66.78	---	---
	Ant1	5755	2.01	3.01	66.78	---	---
	Ant2	5755	2.00	3.00	66.67	---	---
	Ant1	5795	2.01	3.01	66.78	---	---
	Ant2	5795	2.01	3.01	66.78	---	---
11AX80MIMO	Ant1	5210	1.00	2.00	50.00	---	---
	Ant2	5210	0.99	1.99	49.75	---	---
	Ant1	5290	1.00	2.00	50.00	---	---
	Ant2	5290	1.00	2.00	50.00	---	---
	Ant1	5530	0.99	1.99	49.75	---	---
	Ant2	5530	0.99	1.99	49.75	---	---
	Ant1	5610	1.00	2.00	50.00	---	---
	Ant2	5610	1.00	2.00	50.00	---	---
	Ant1	5775	1.00	2.00	50.00	---	---
	Ant2	5775	0.99	1.99	49.75	---	---

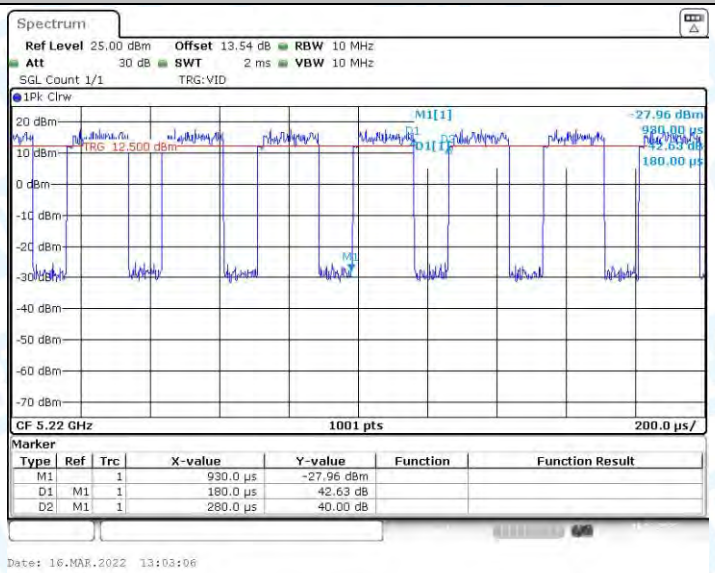
10.2.Test Graphs



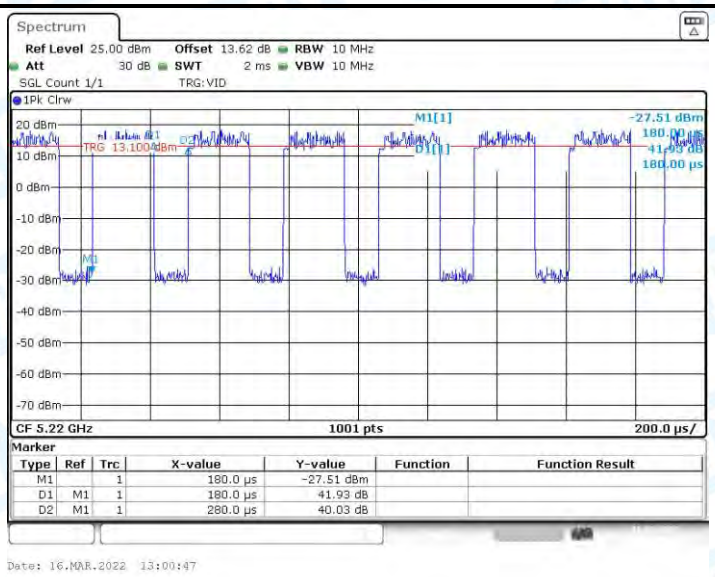
11A_Ant1_5180



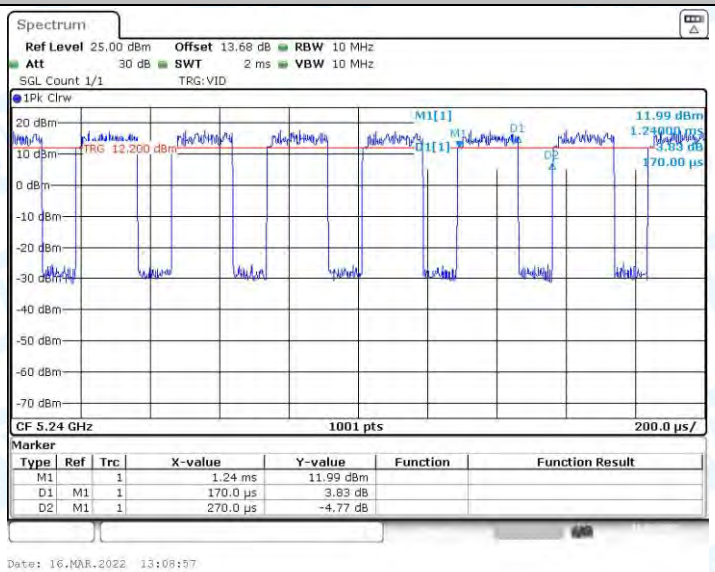
11A_Ant2_5180



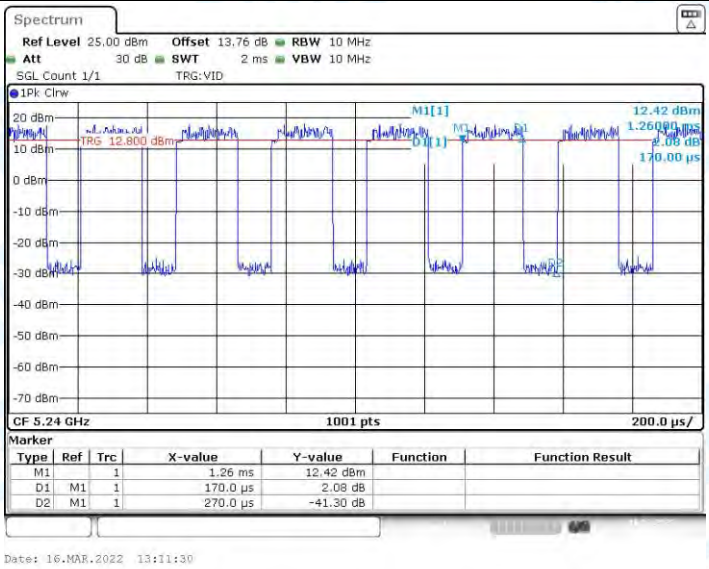
11A_Ant1_5220



11A_Ant2_5220



11A_Ant1_5240



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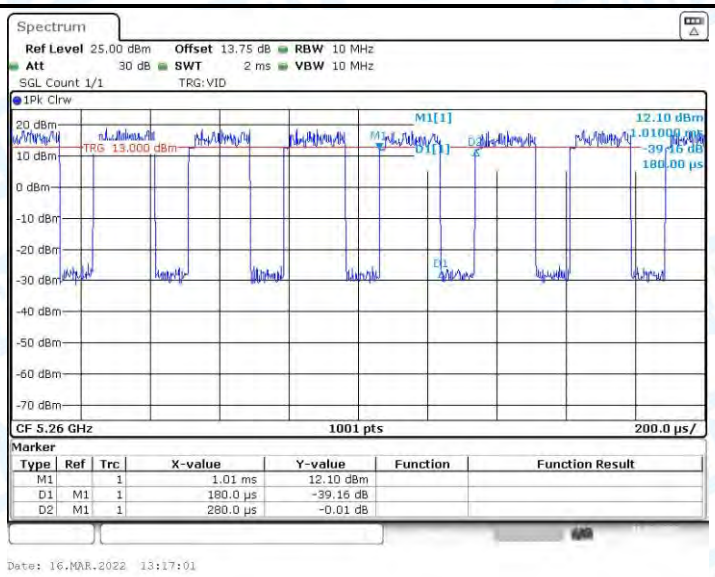
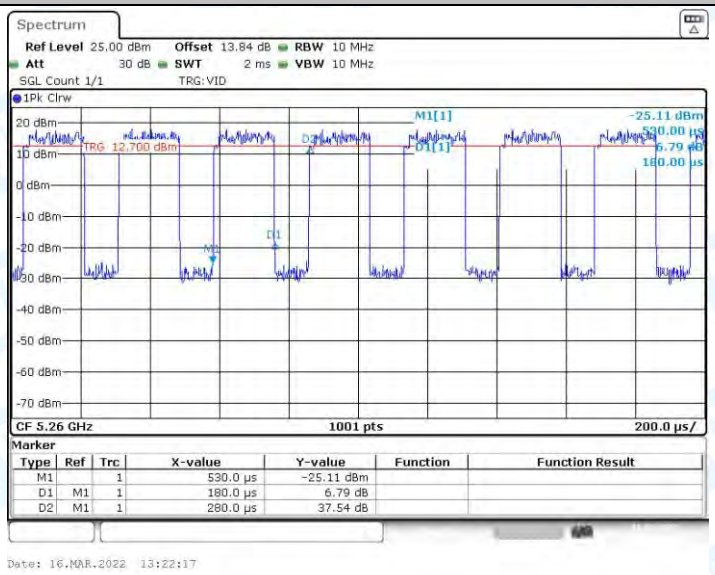
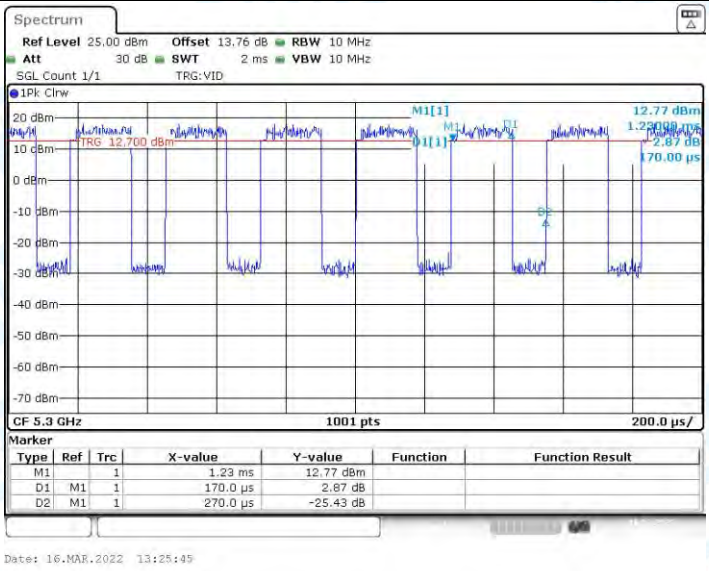


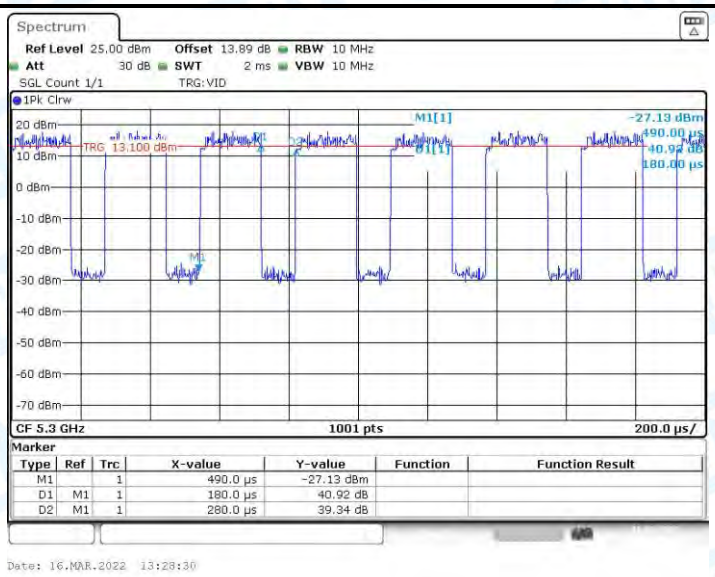
11A_Ant1_5260



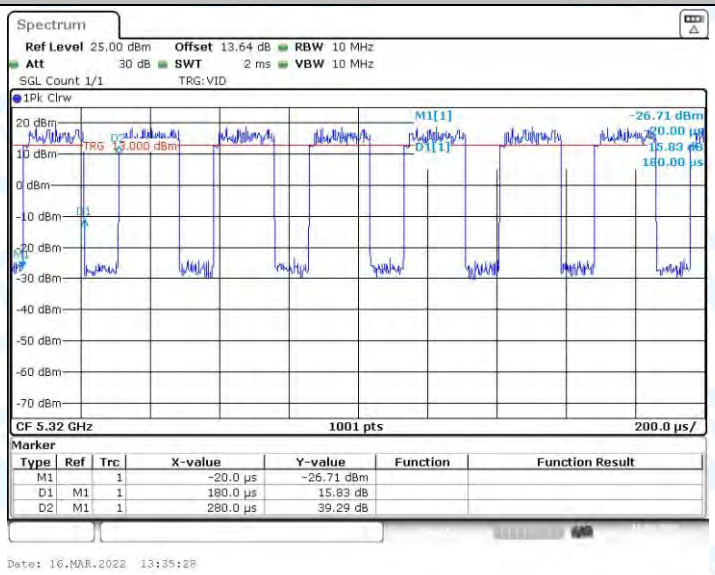
11A_Ant2_5260



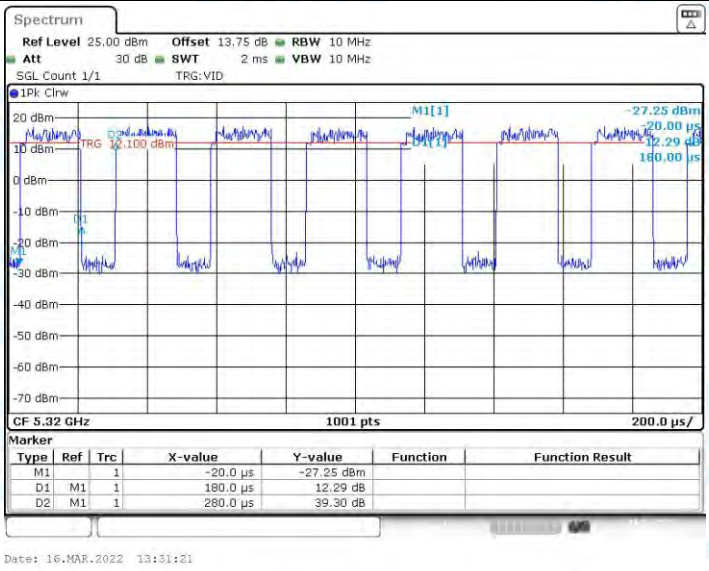
11A_Ant1_5300



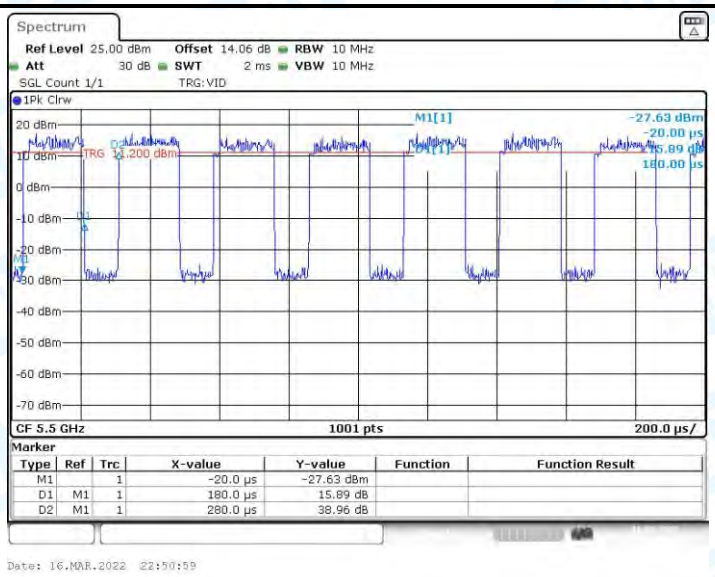
11A_Ant2_5300



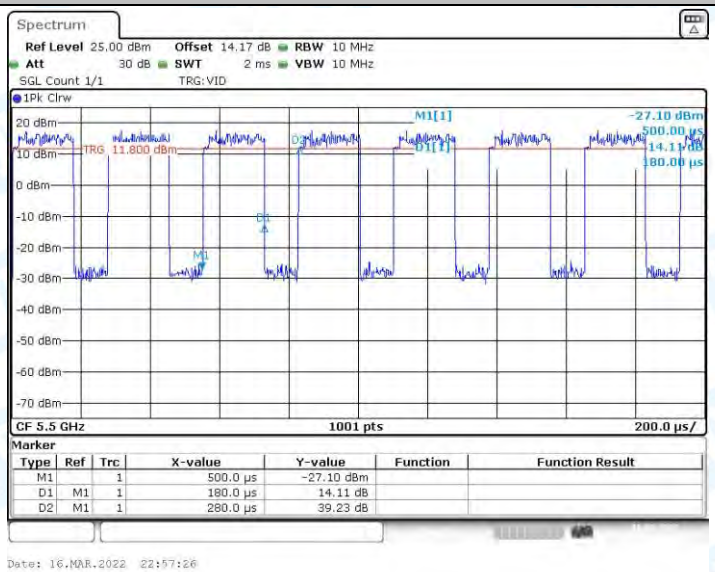
11A_Ant1_5320



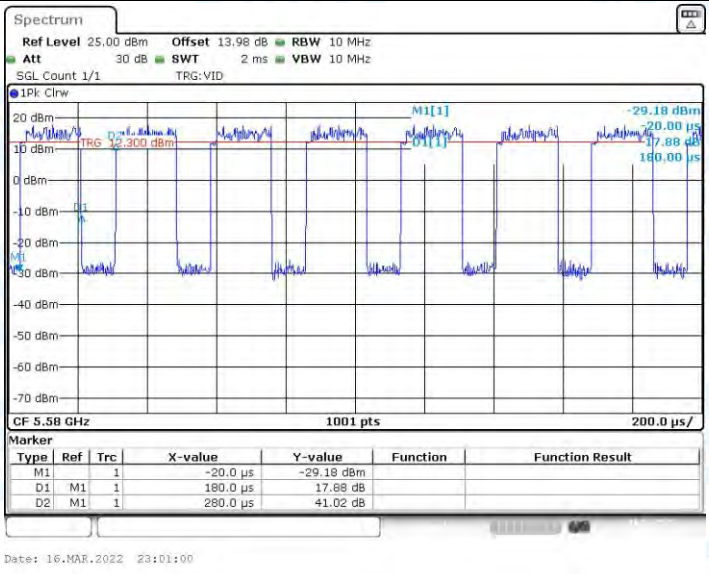
11A_Ant2_5320



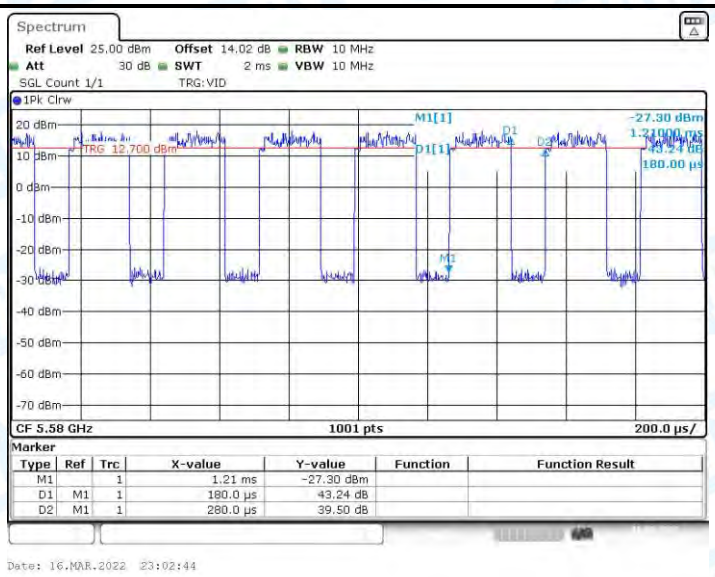
11A_Ant1_5500



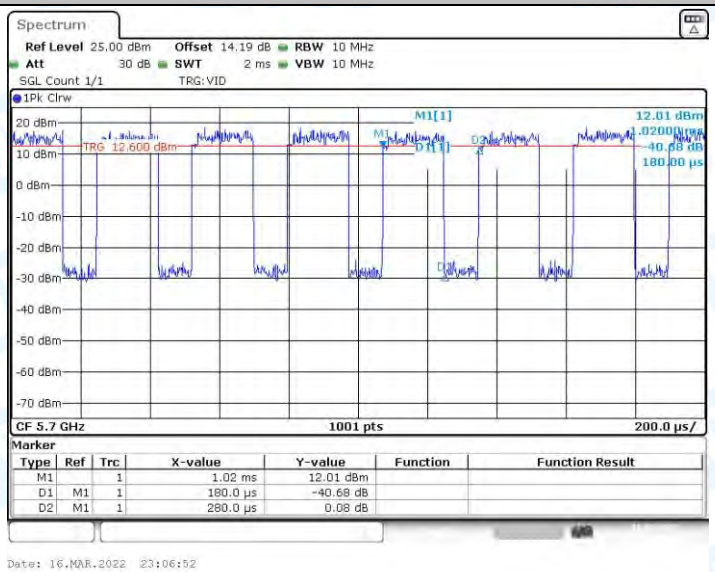
11A_Ant2_5500



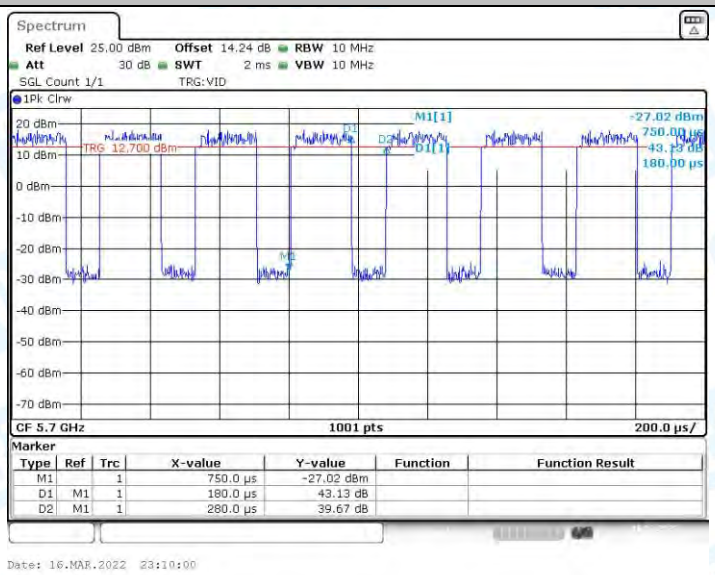
11A_Ant1_5580



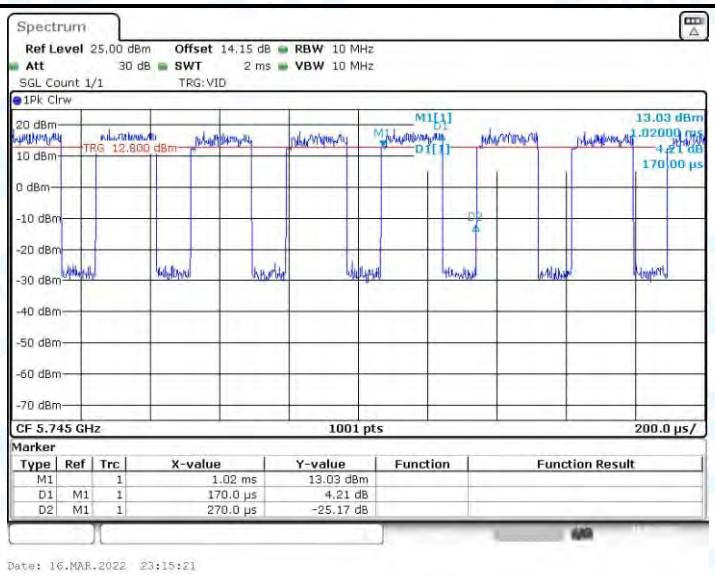
11A_Ant2_5580



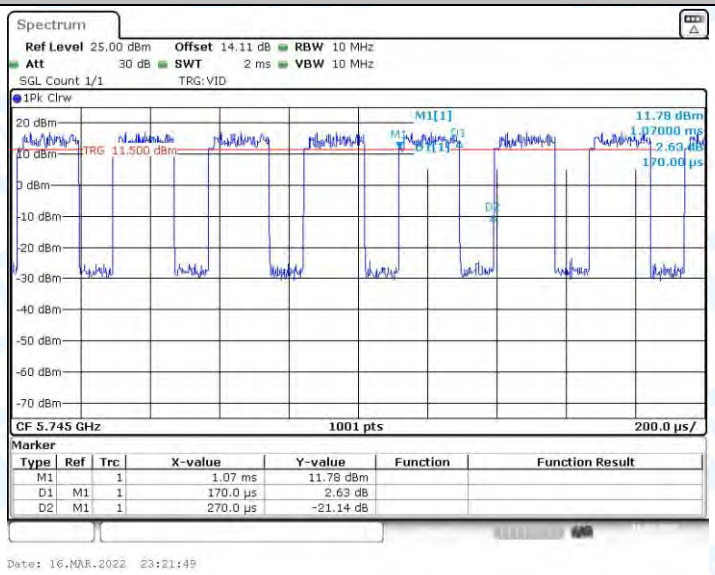
11A_Ant1_5700



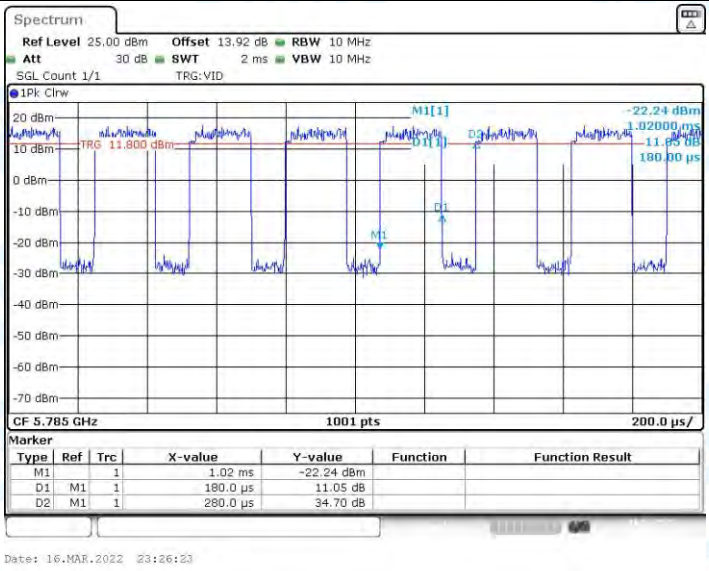
11A_Ant2_5700



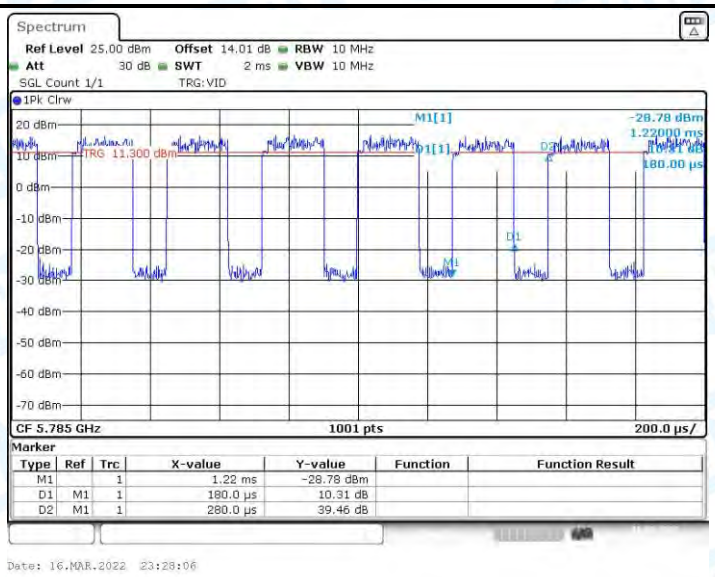
11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



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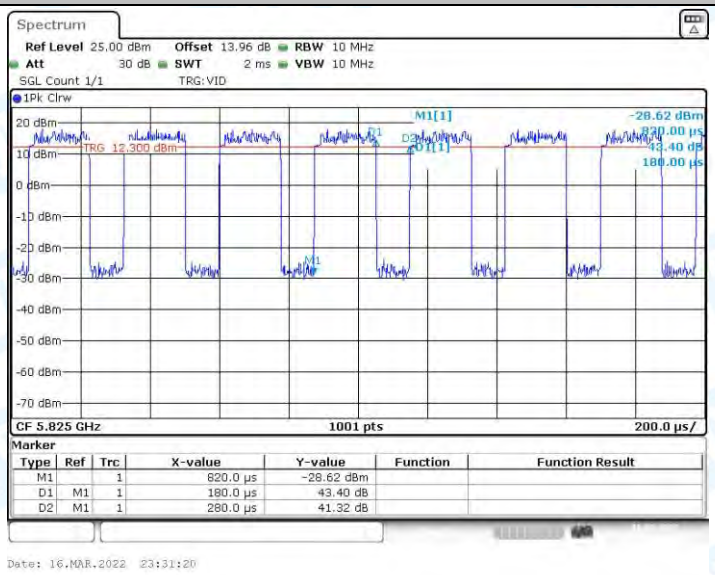

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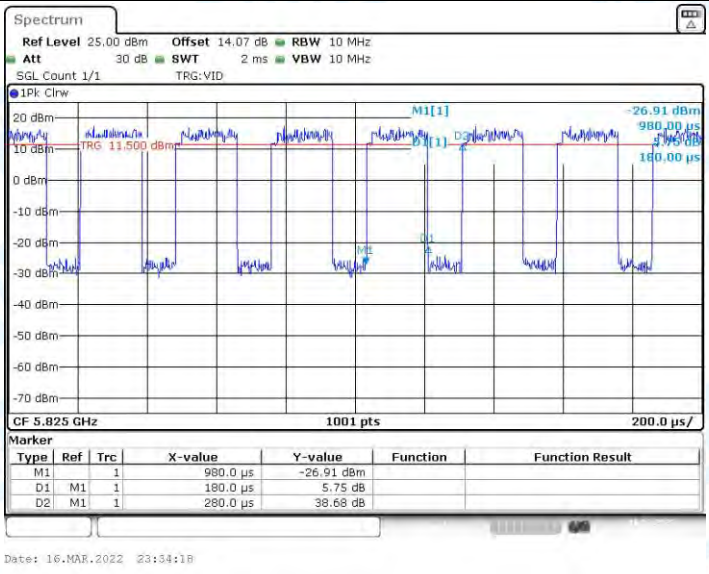

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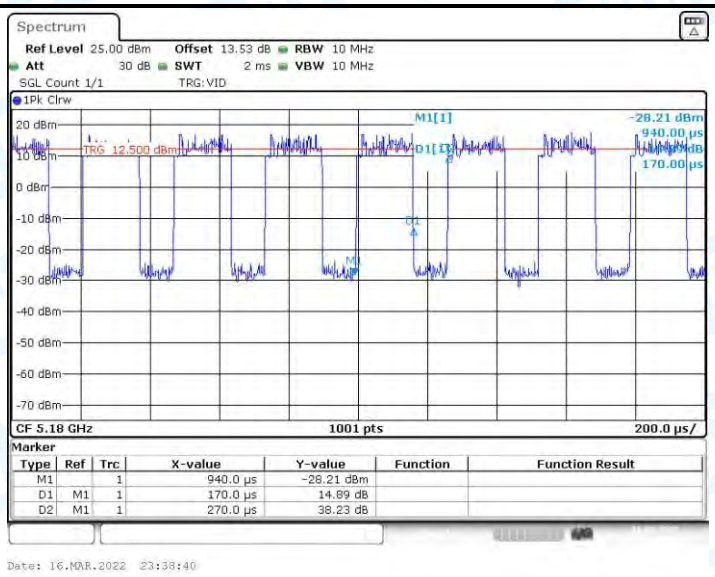

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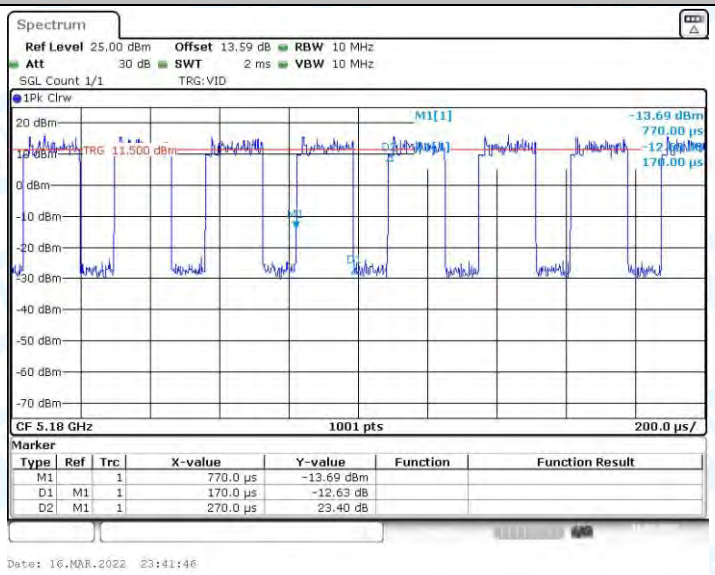

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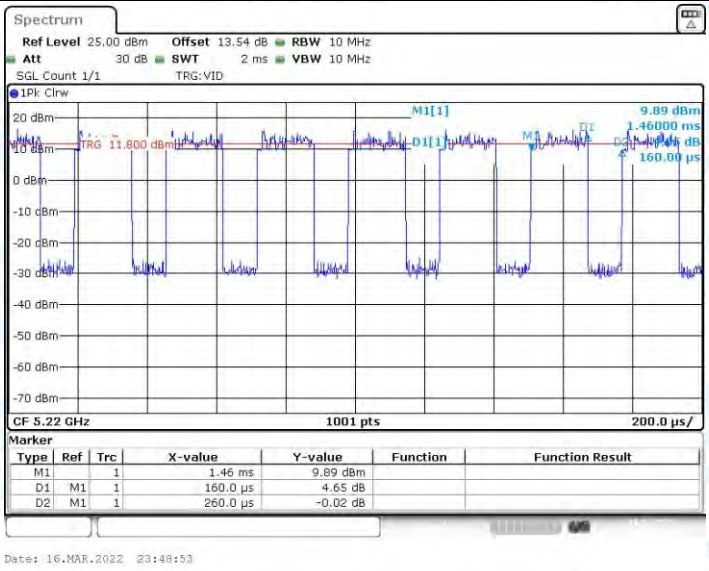

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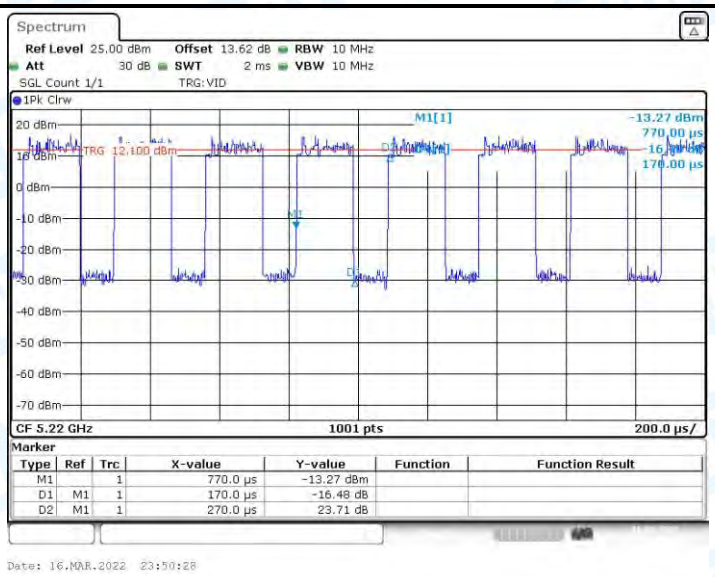

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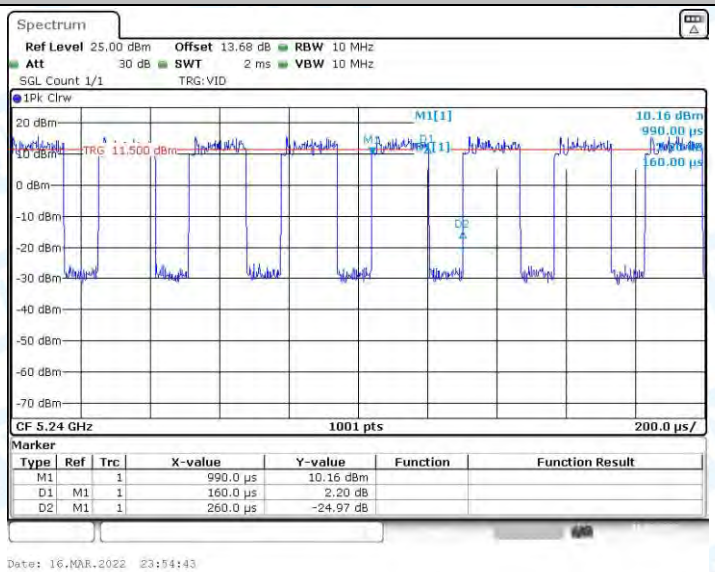

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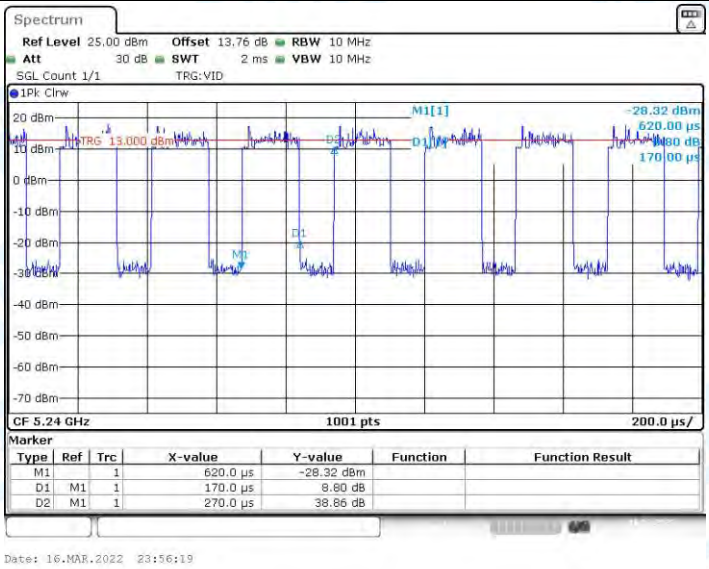

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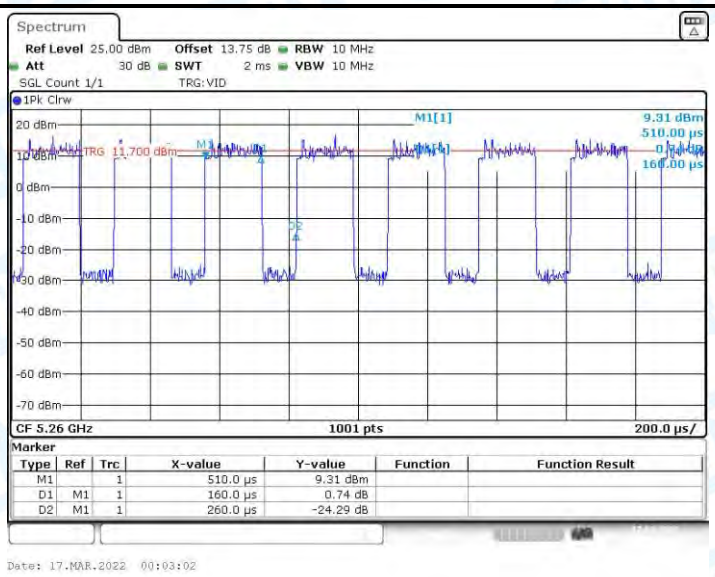

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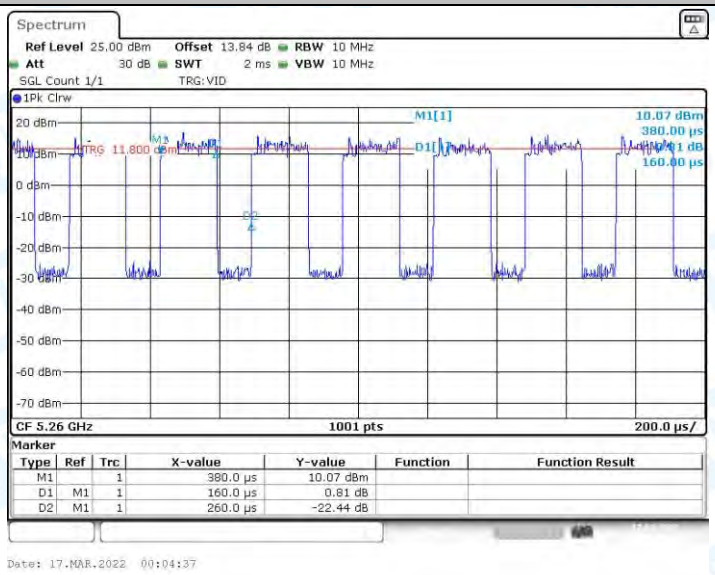

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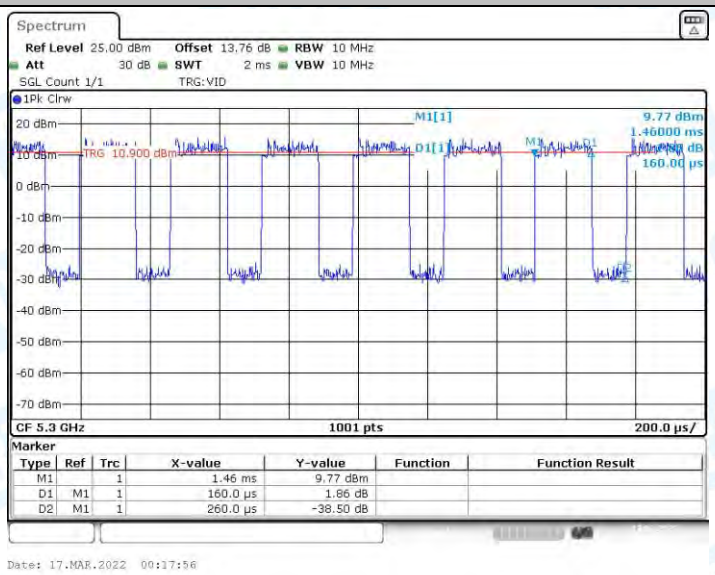

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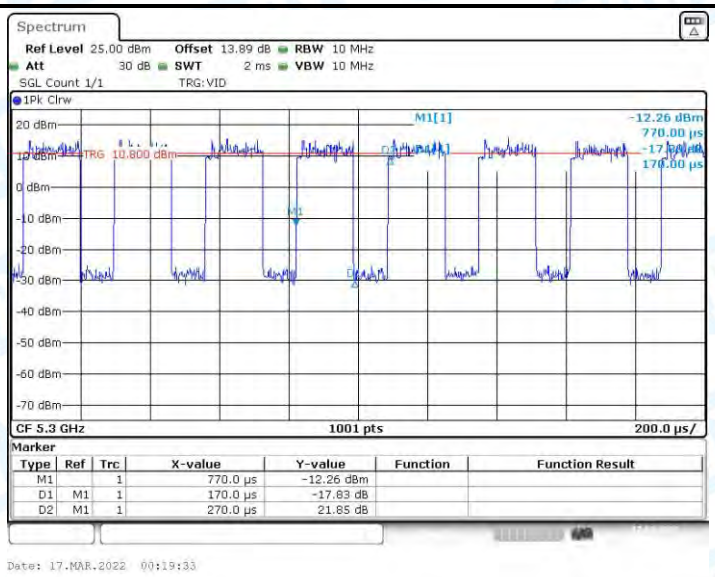

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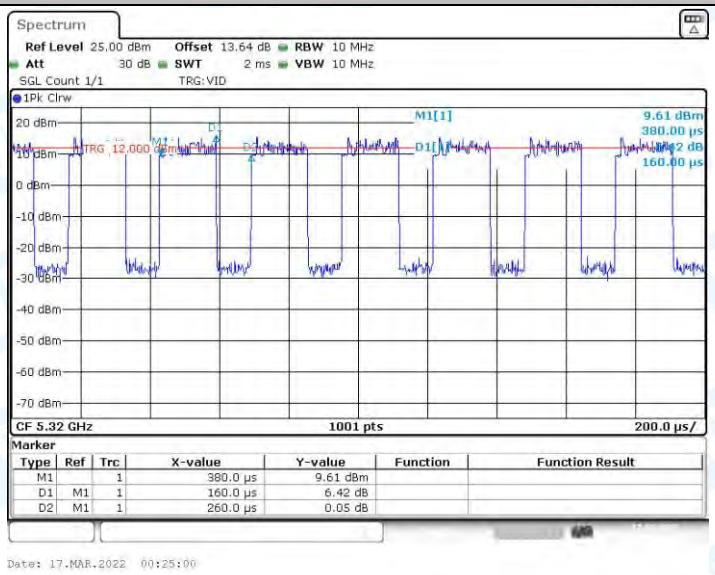

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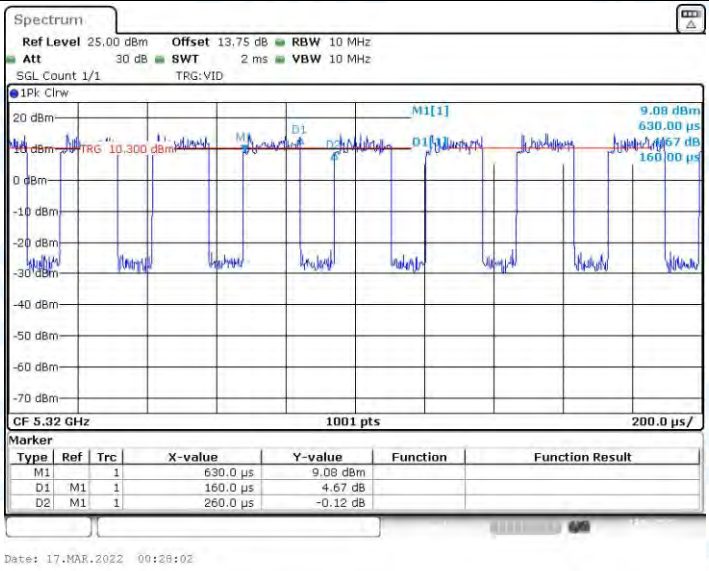

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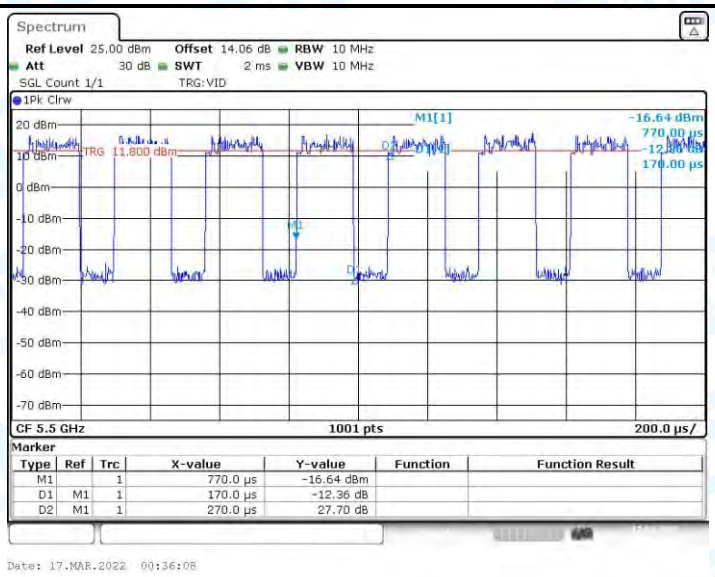

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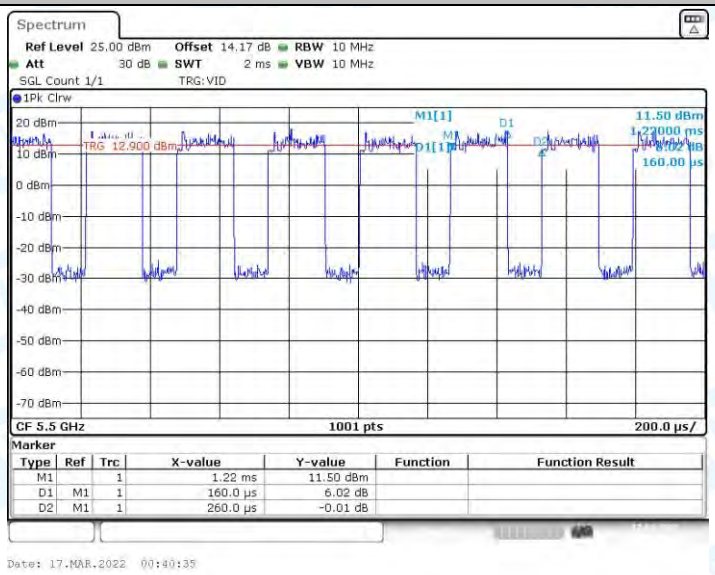

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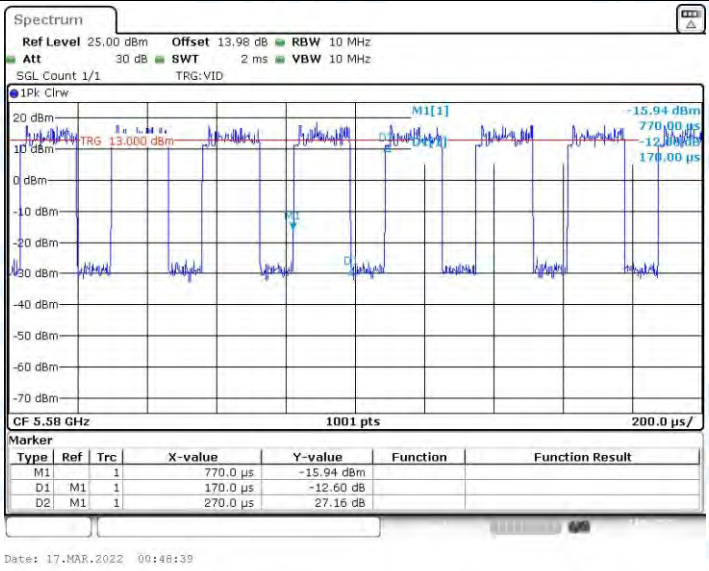

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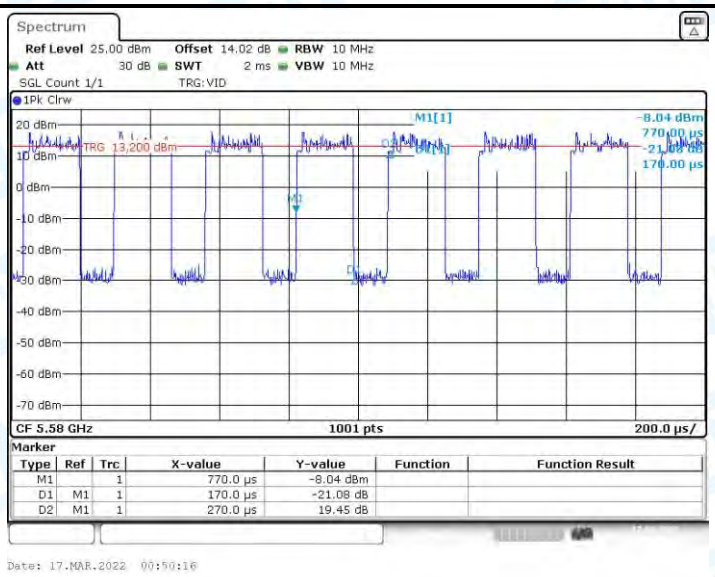

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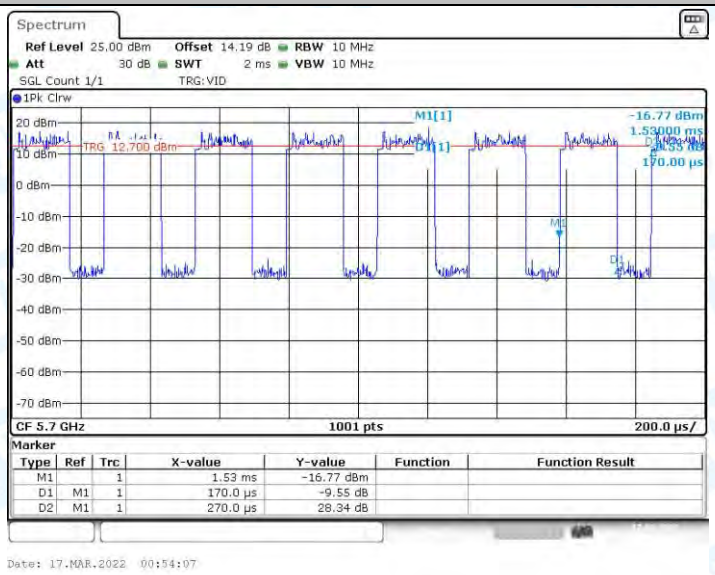

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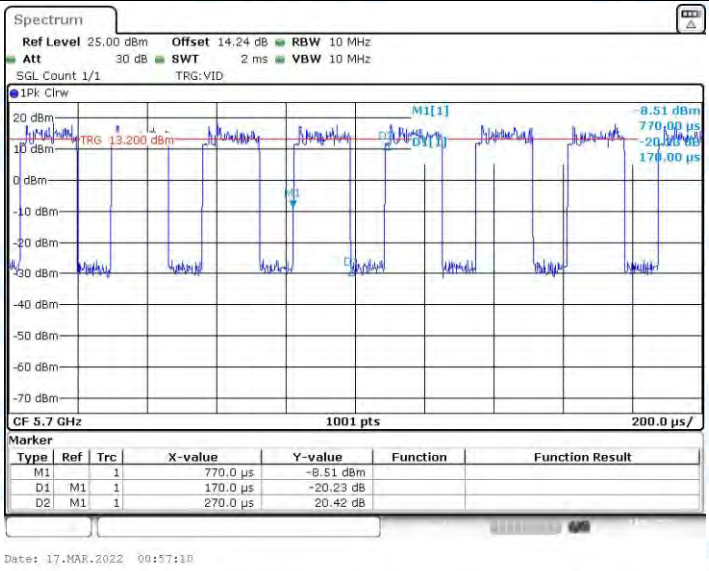

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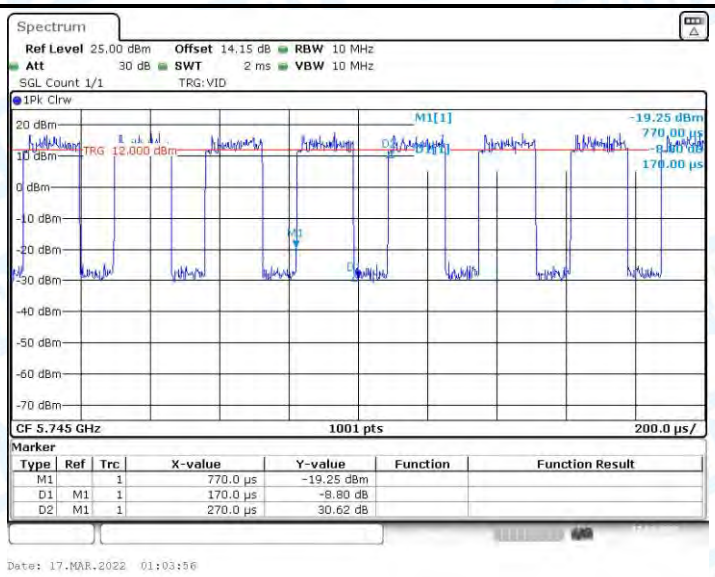

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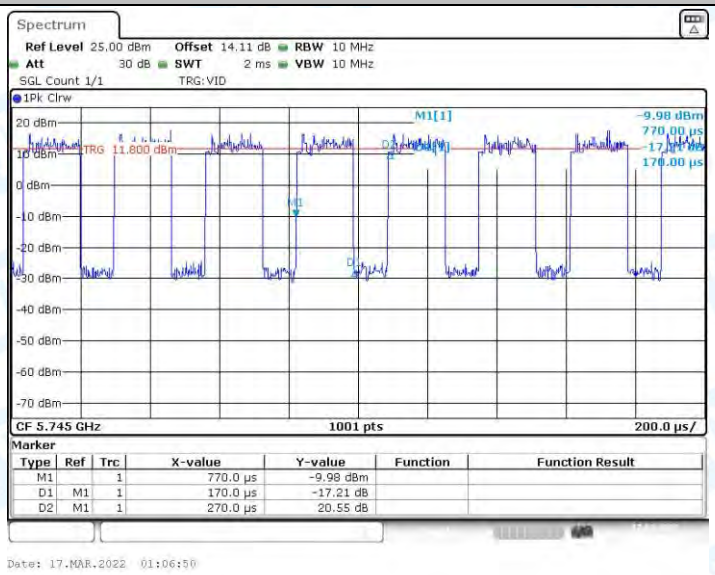

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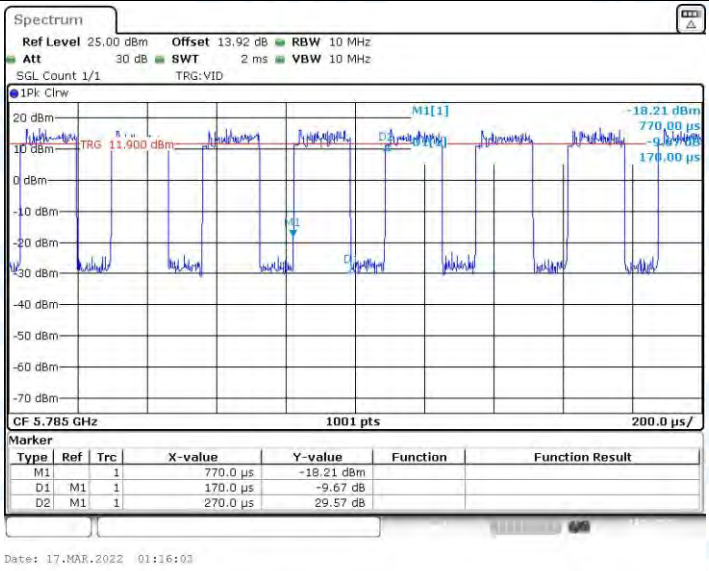

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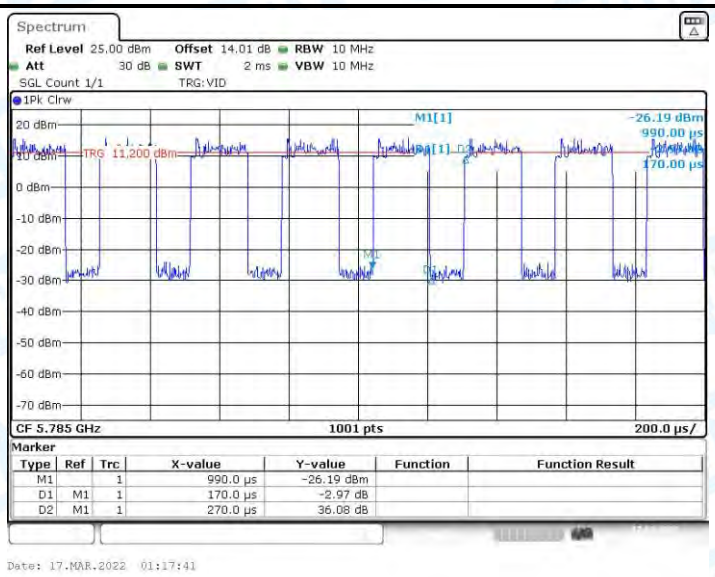

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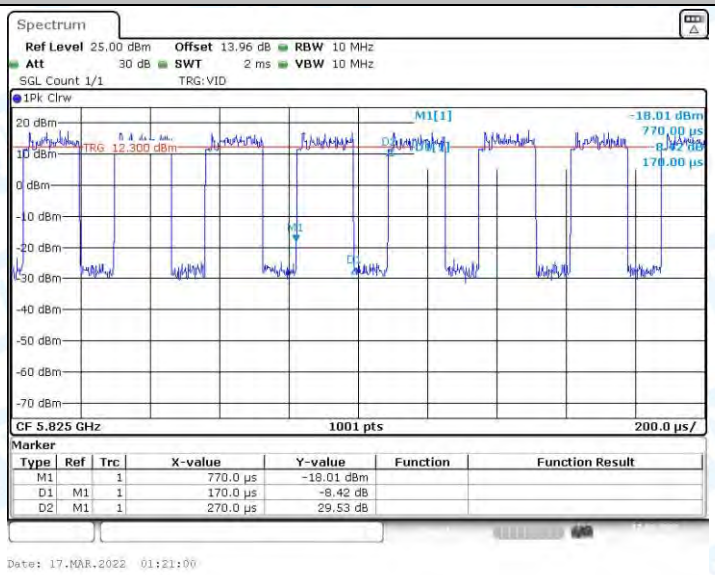

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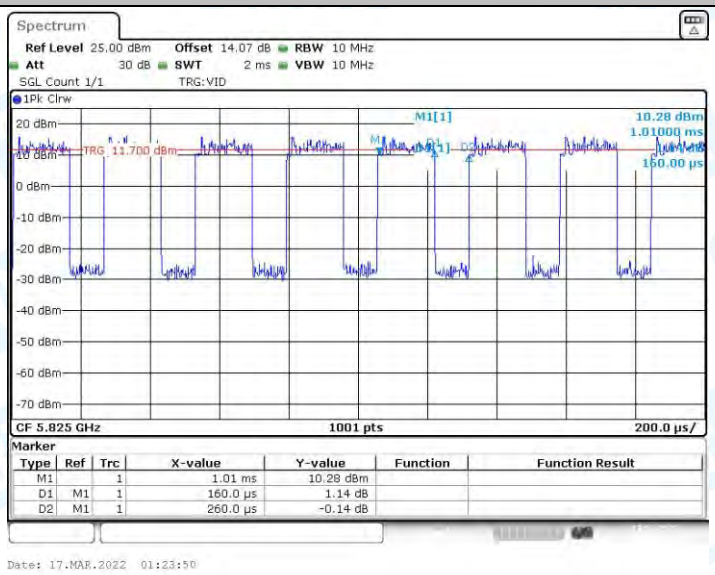

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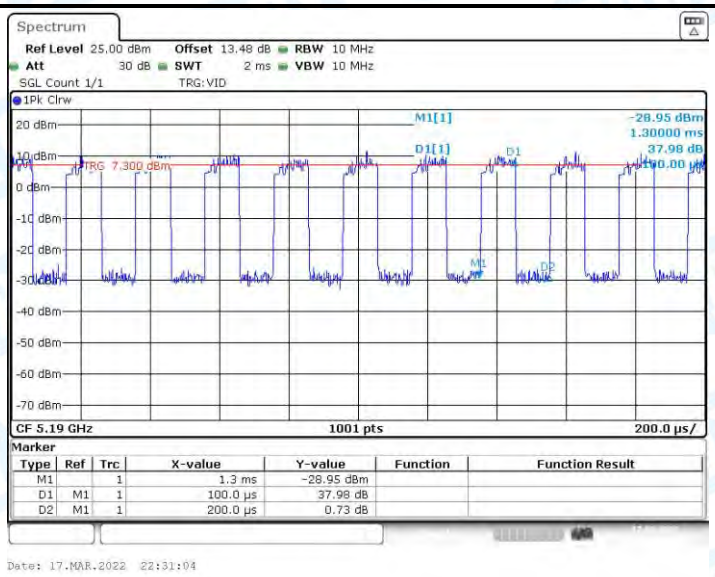

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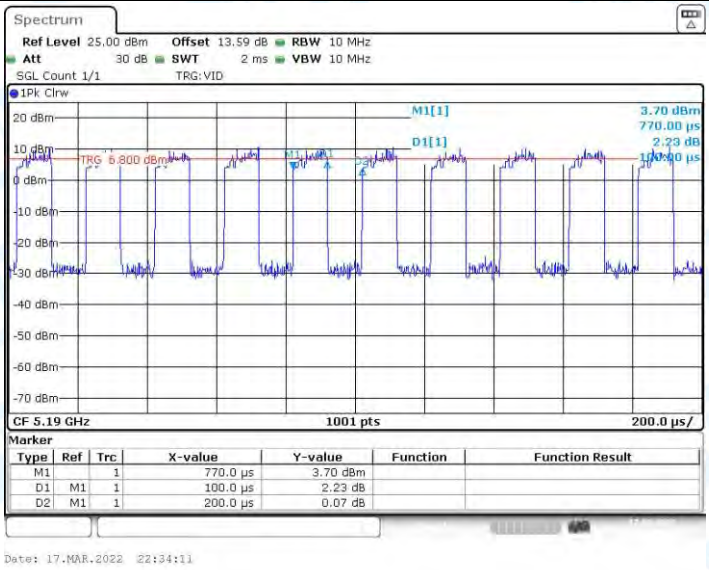

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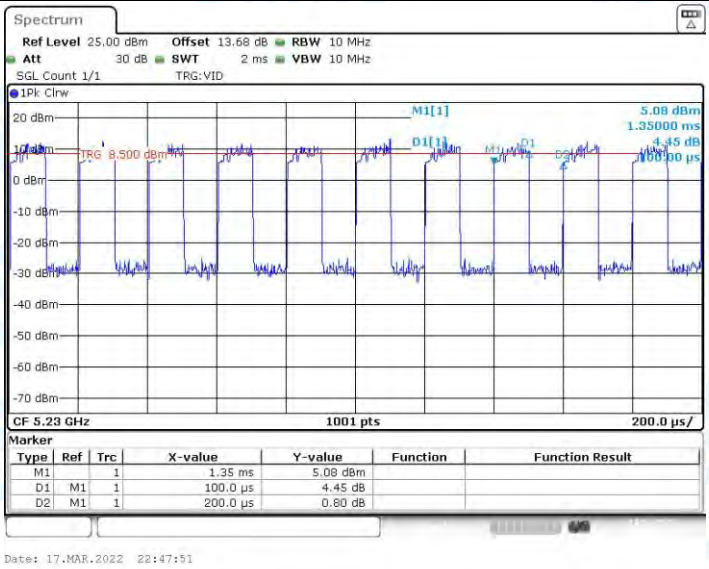

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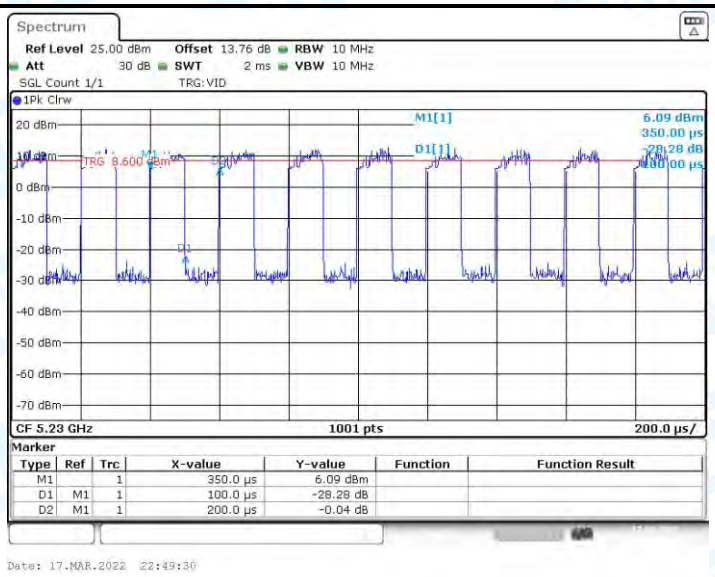

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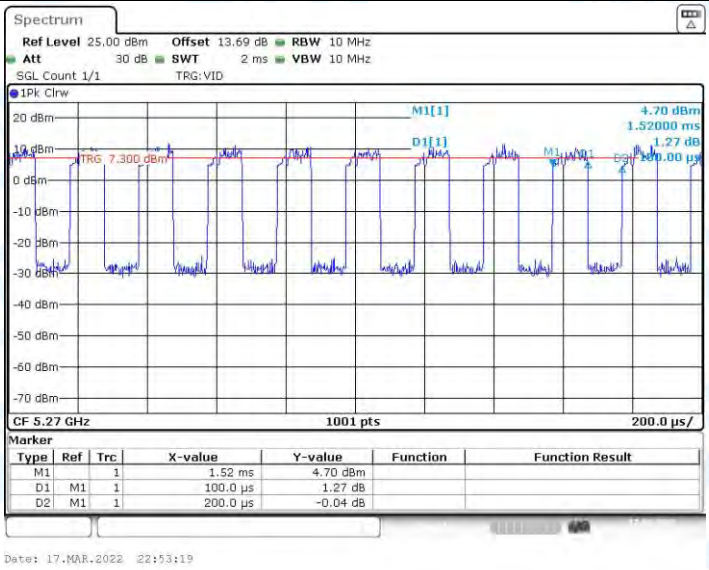

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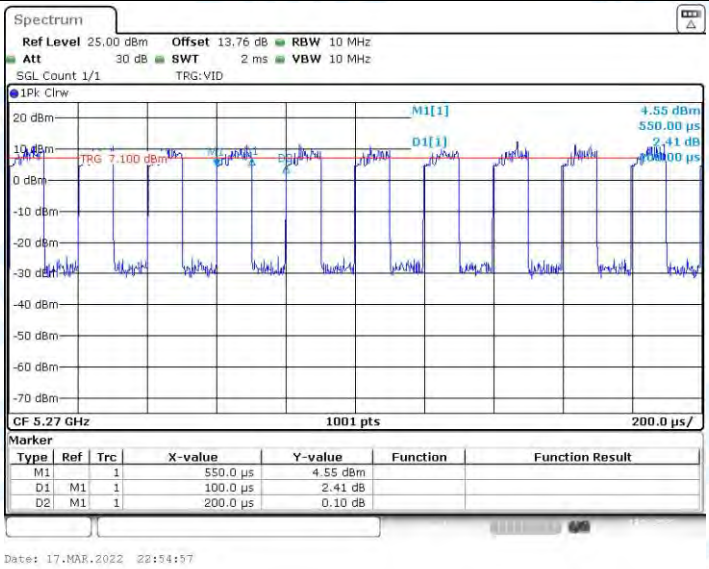

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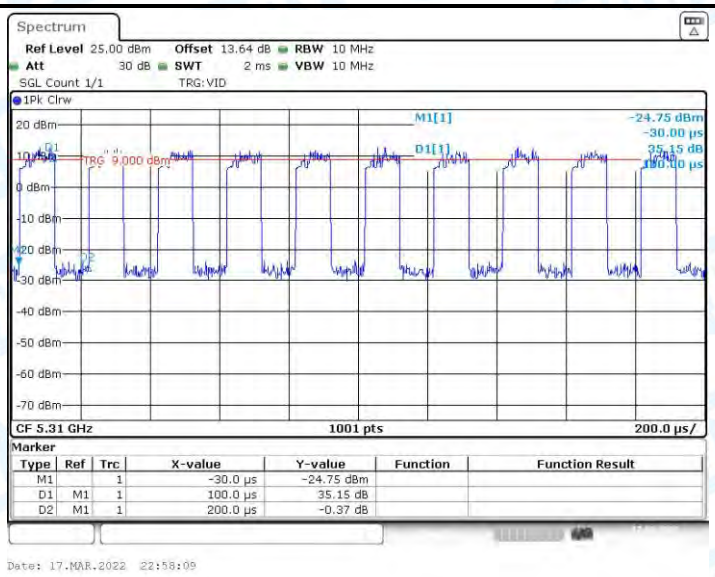

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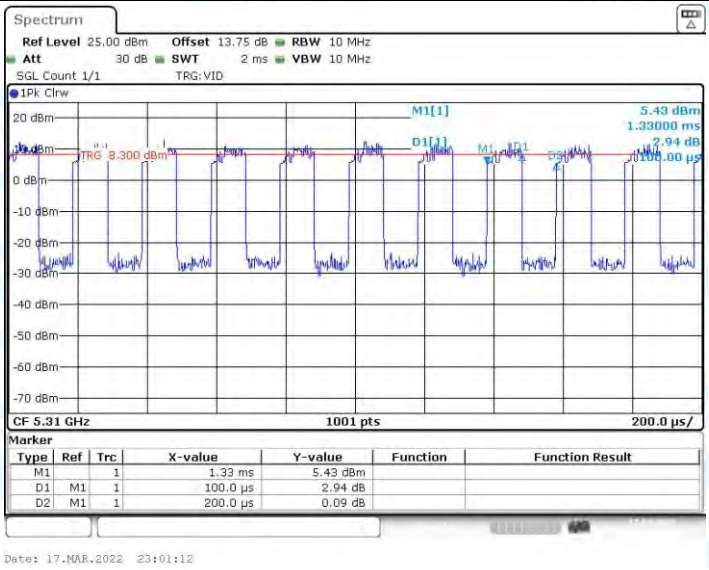

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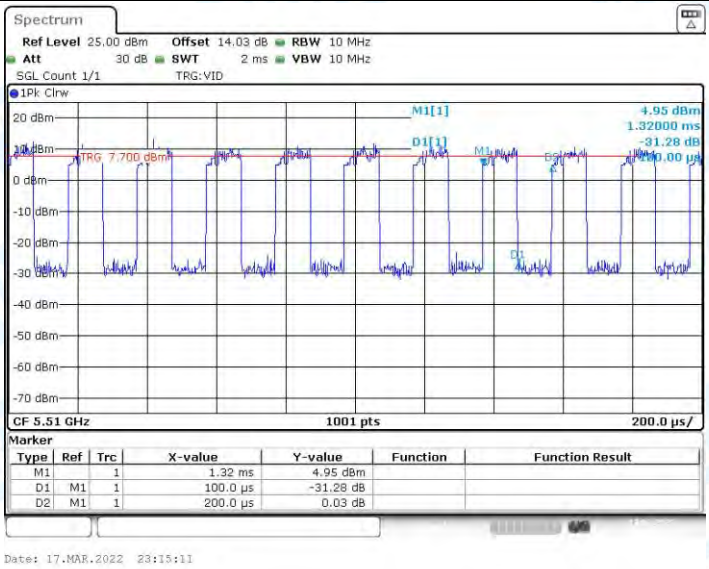

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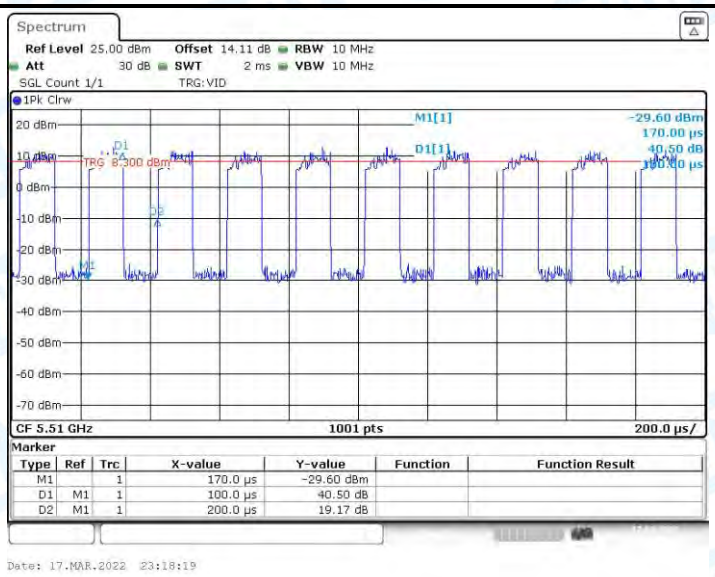

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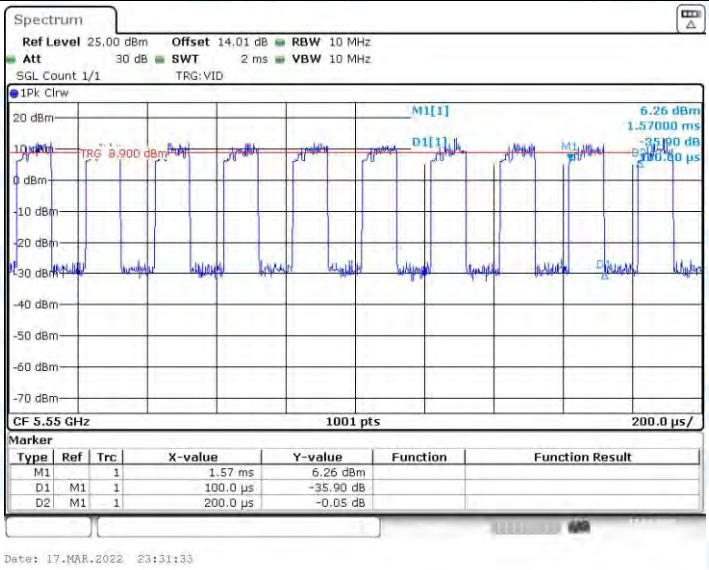

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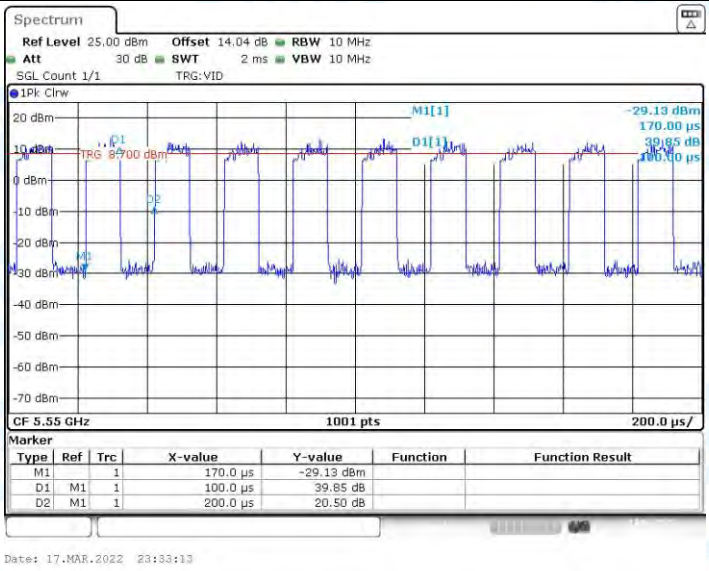

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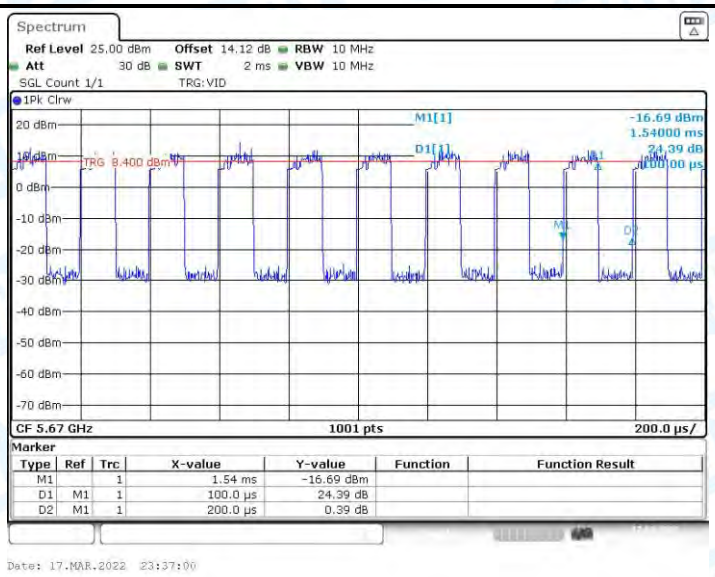

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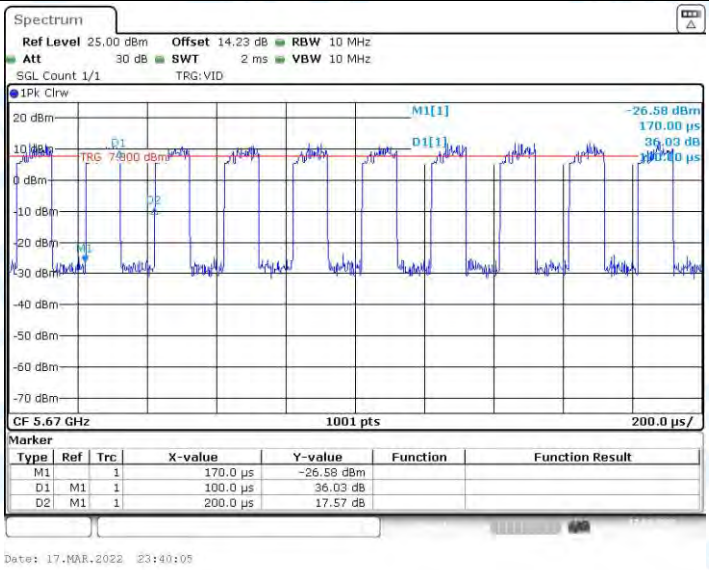

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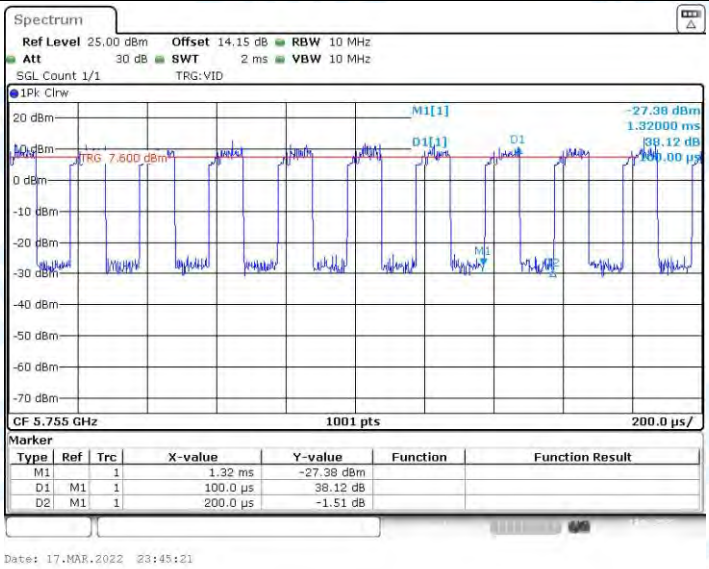

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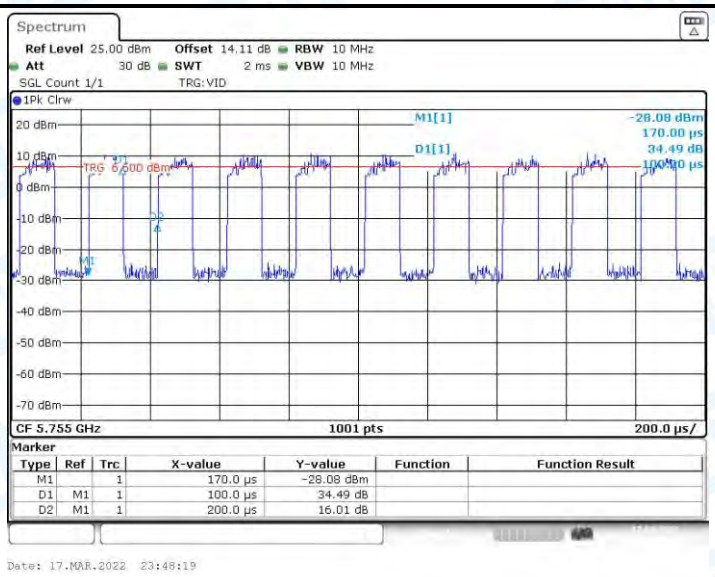

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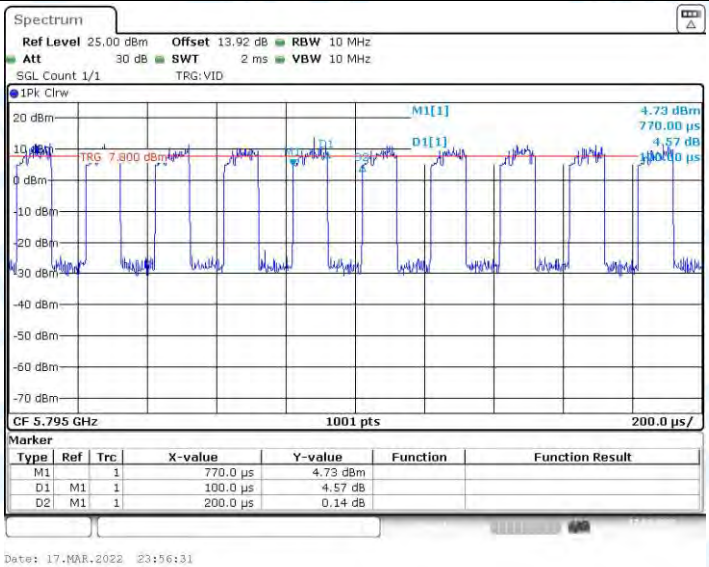

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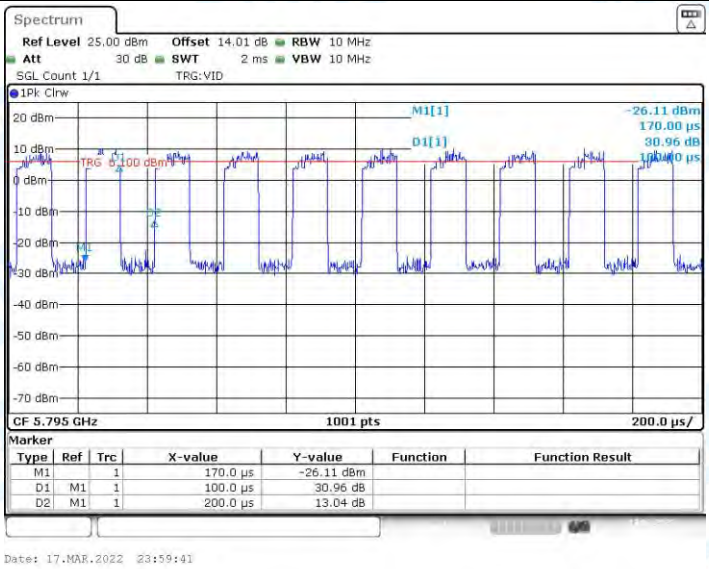

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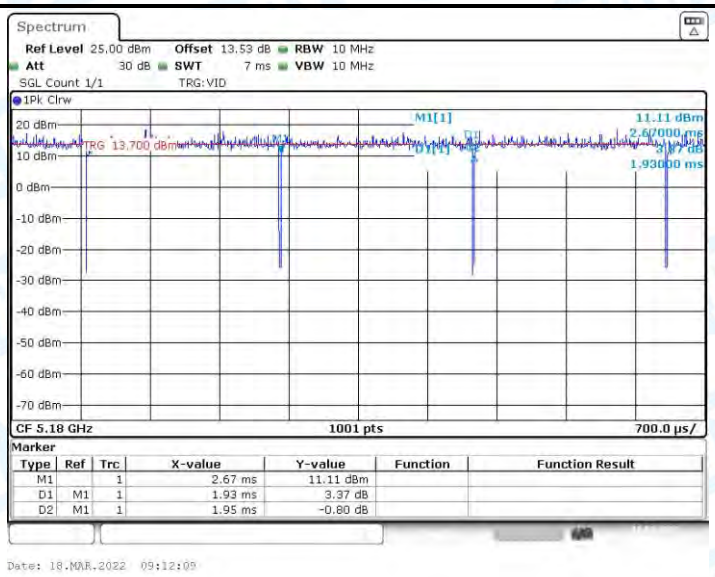
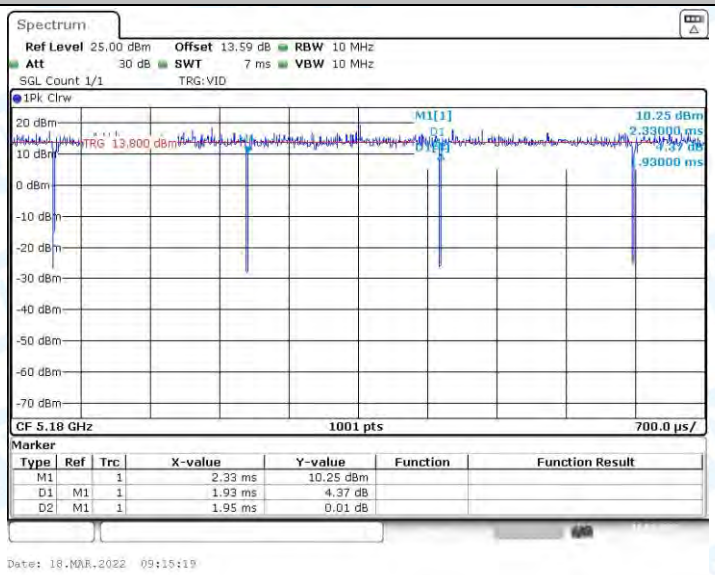


11AC20MIMO_Ant1_5180



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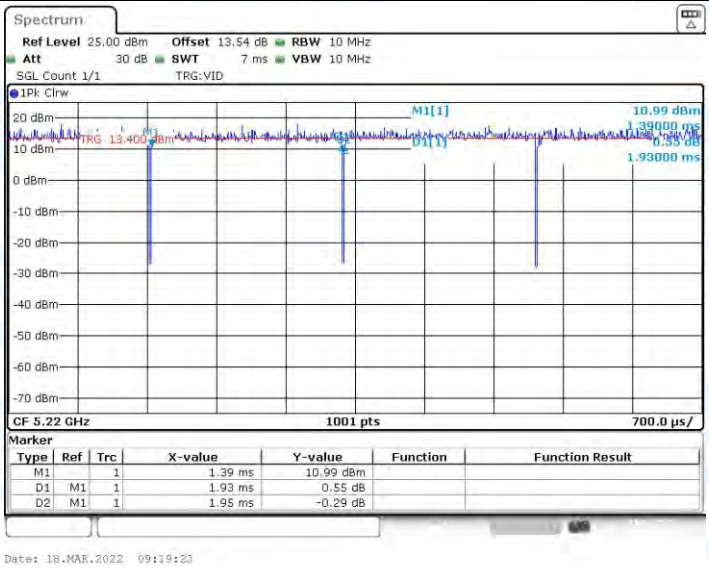

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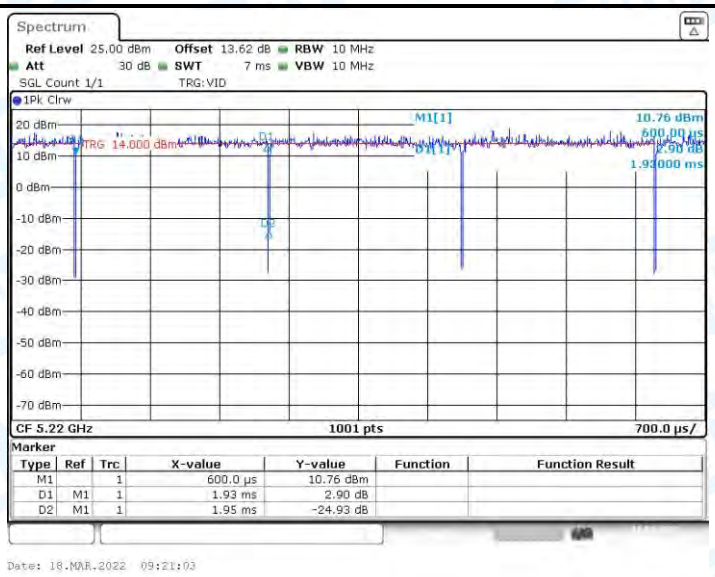

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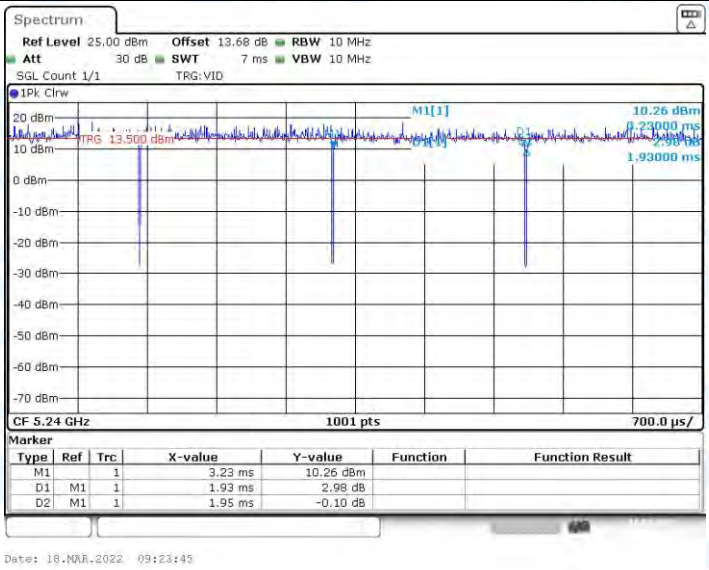

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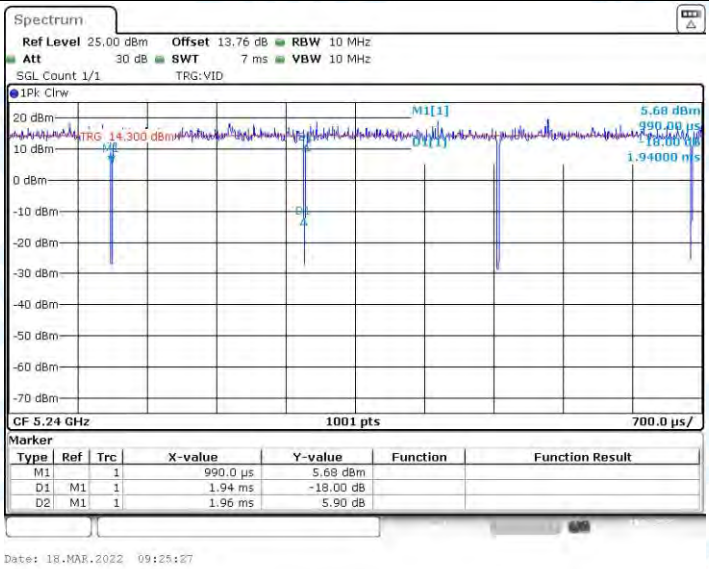
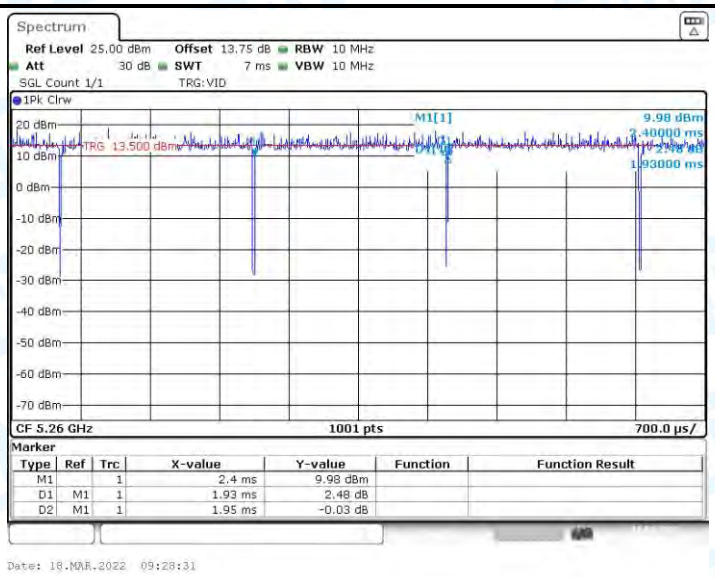
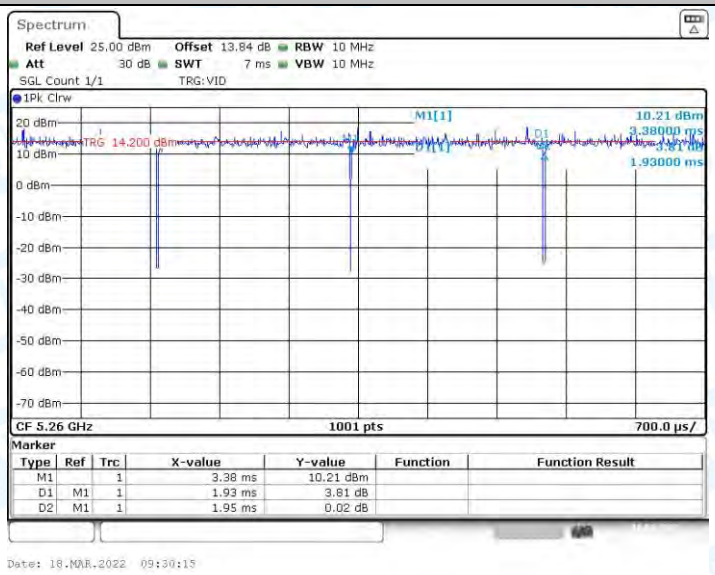


11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260



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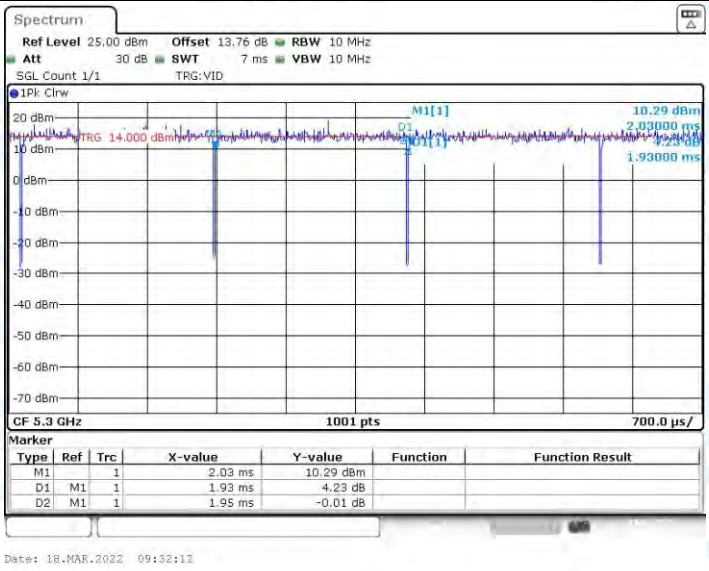

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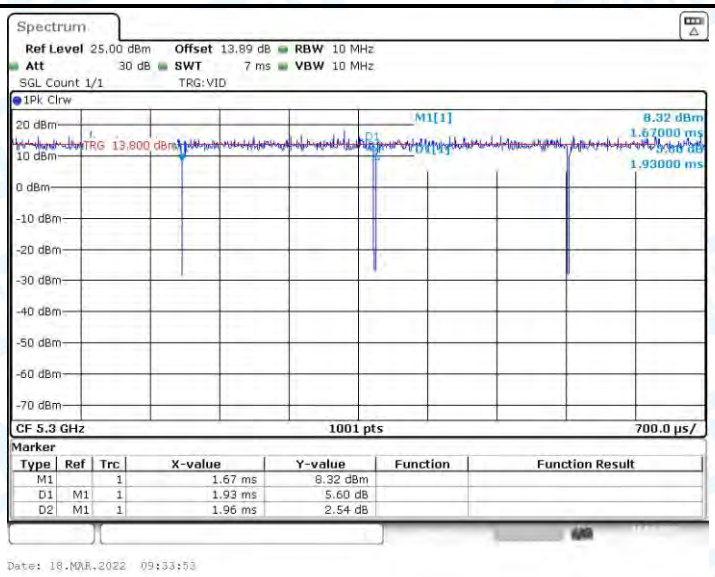

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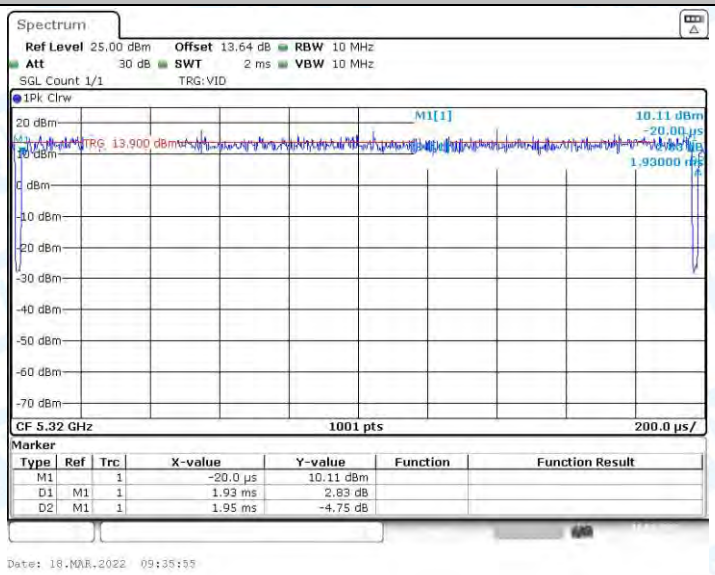

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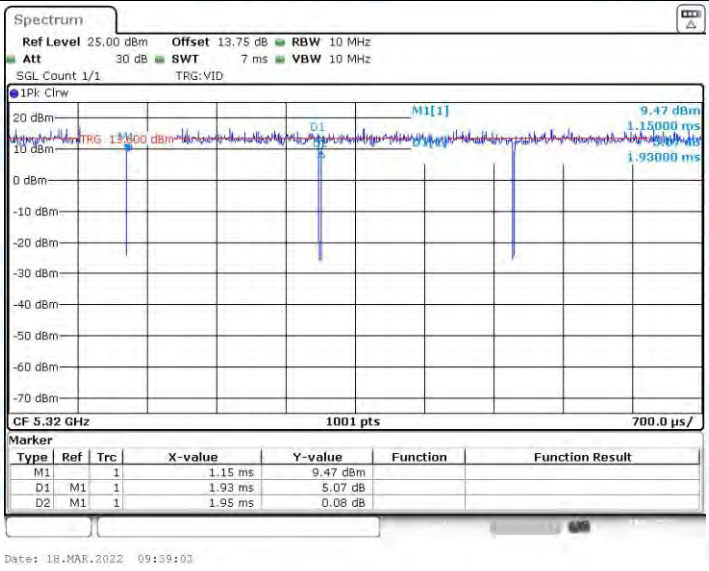

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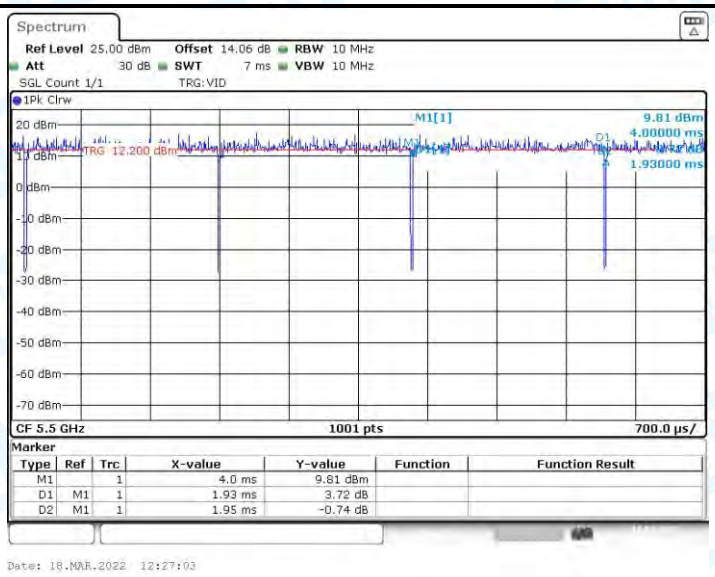

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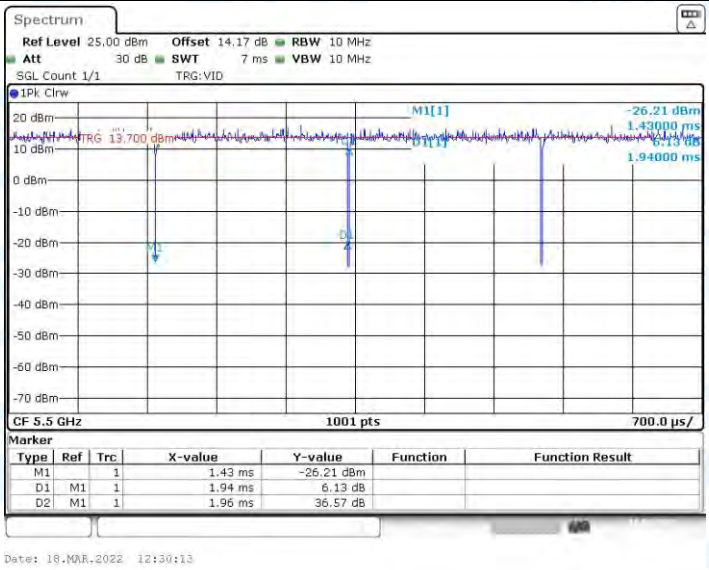

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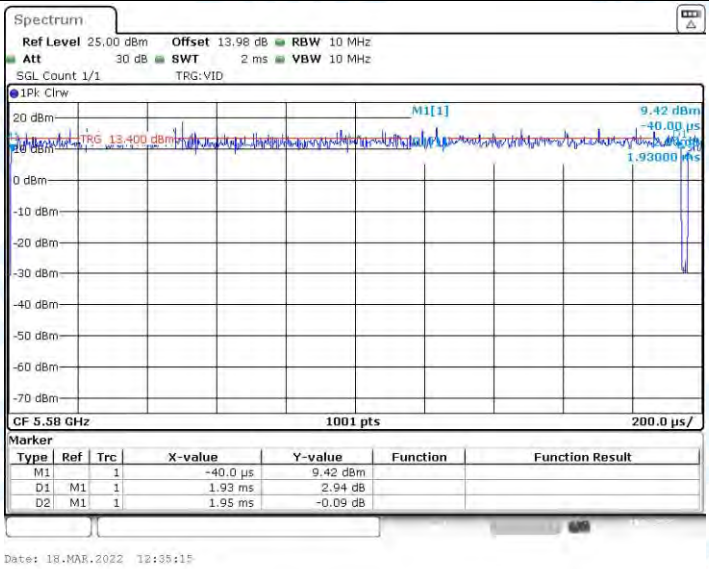

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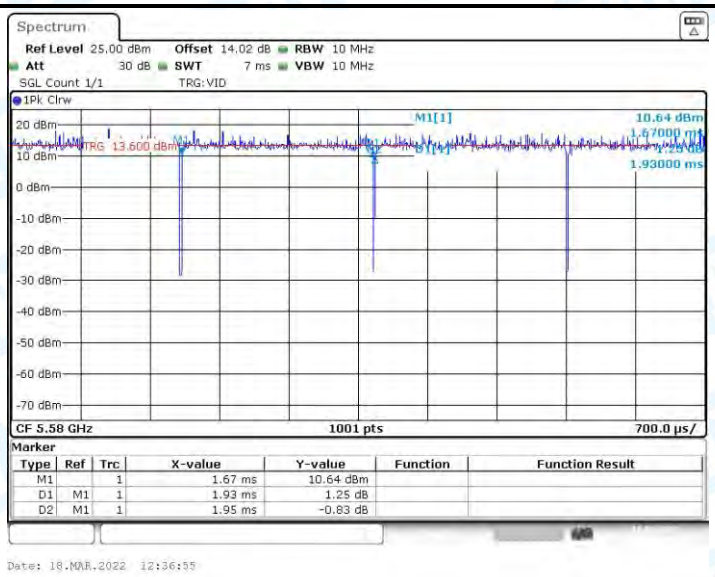

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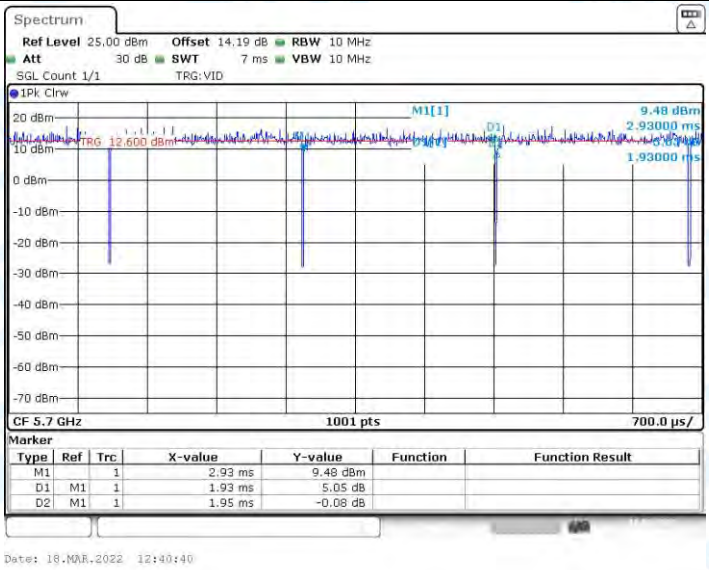

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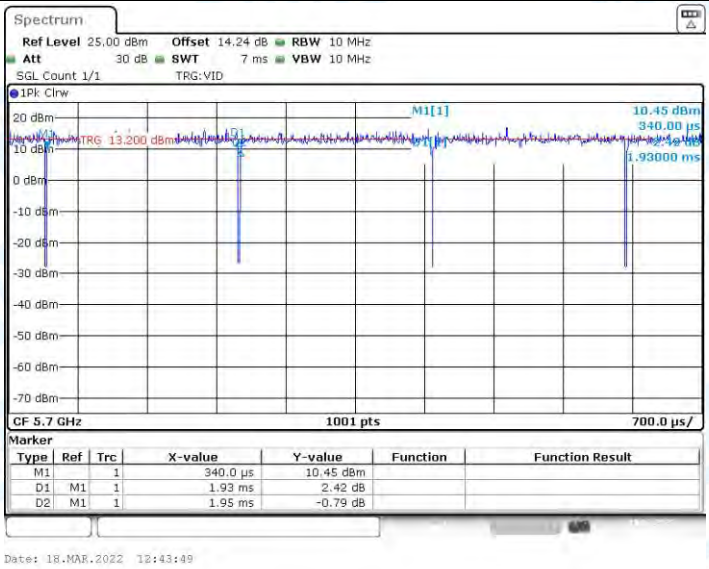

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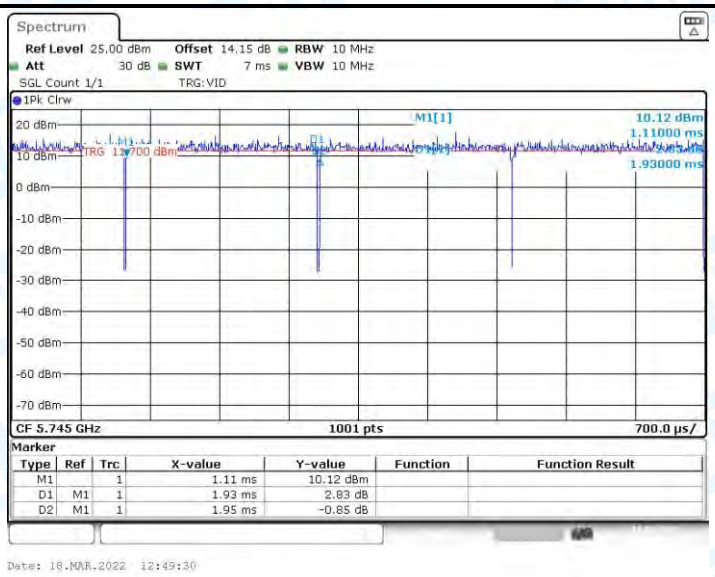

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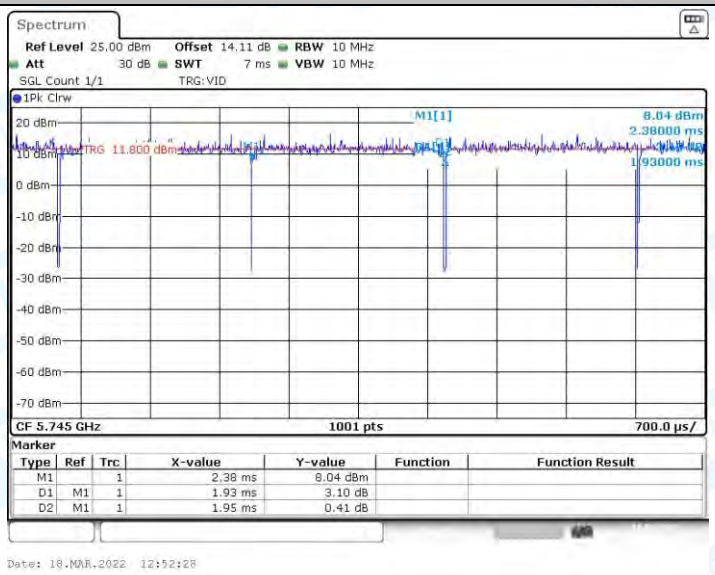

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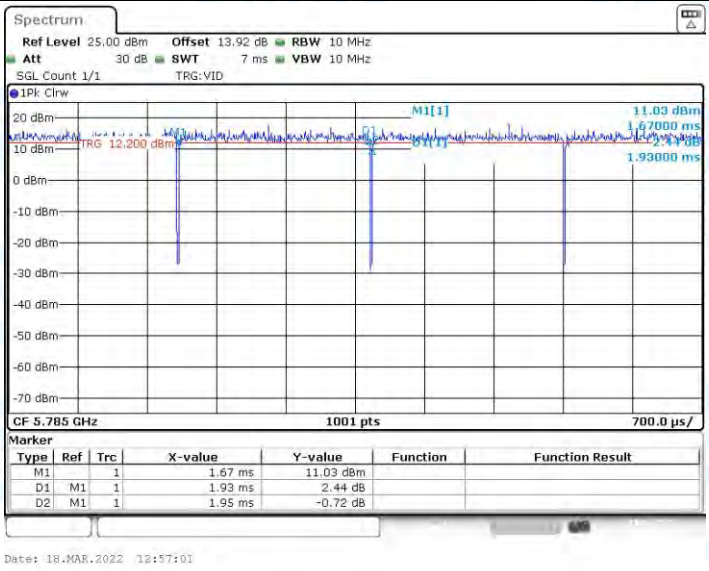

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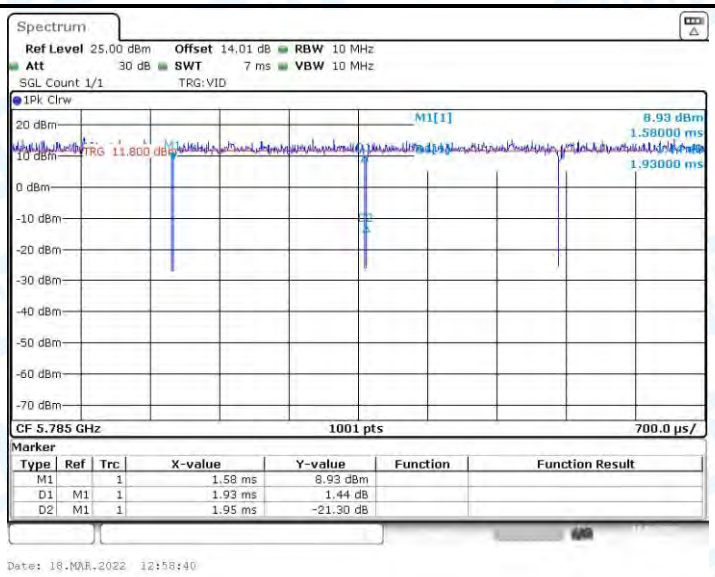

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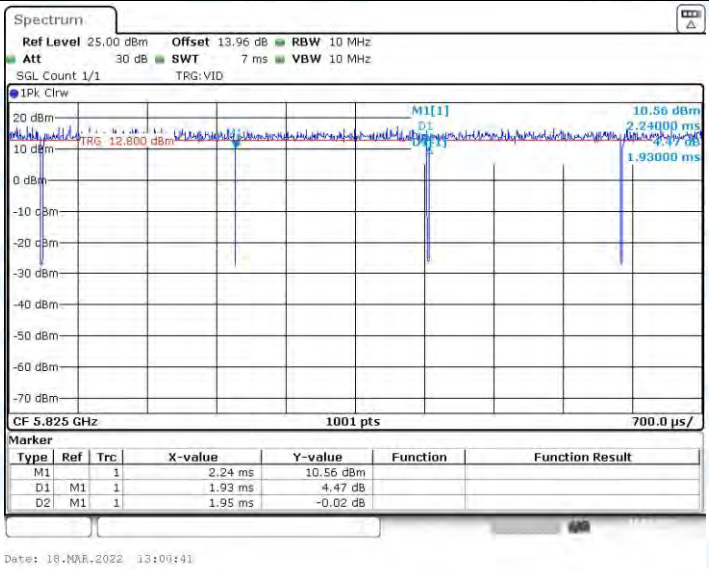

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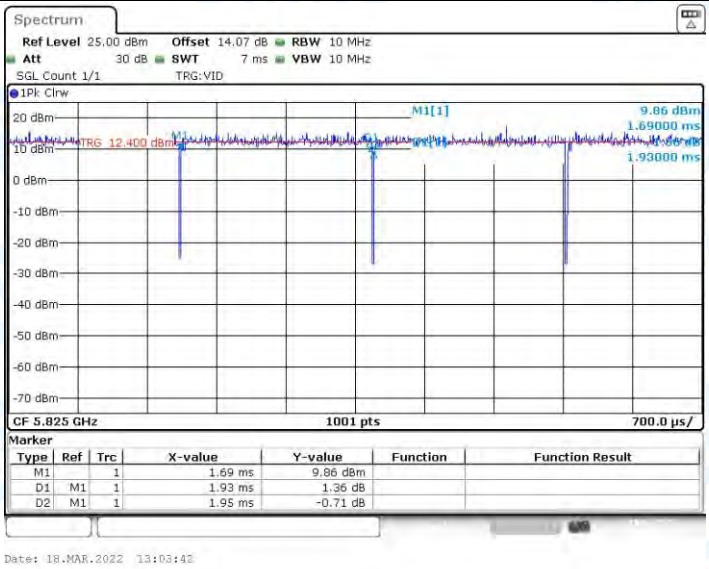

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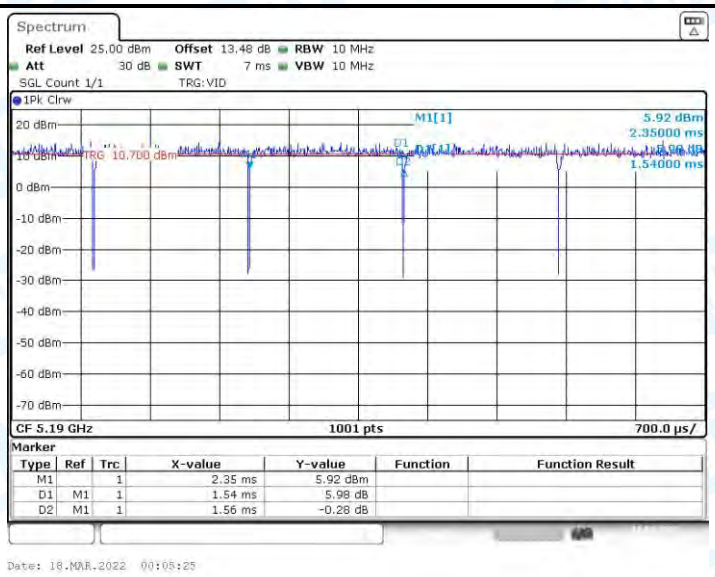

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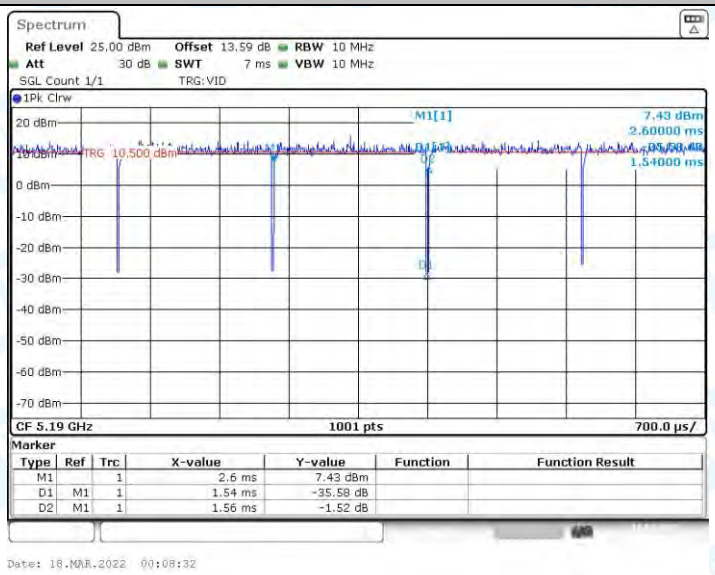

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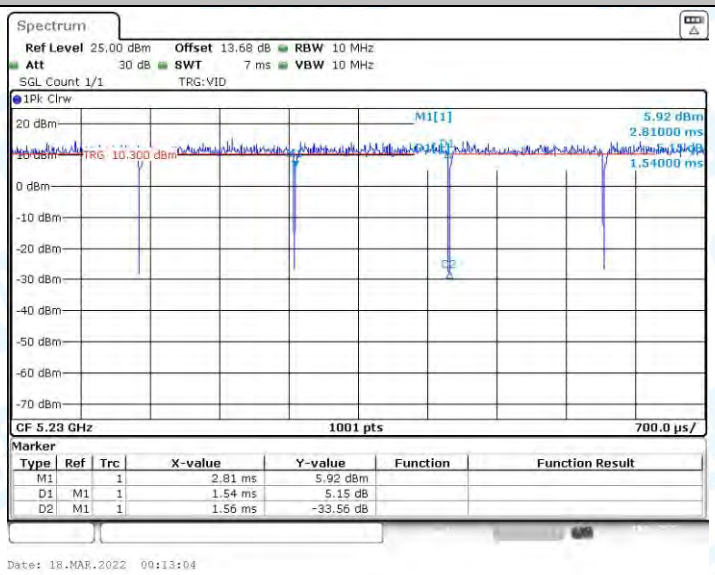

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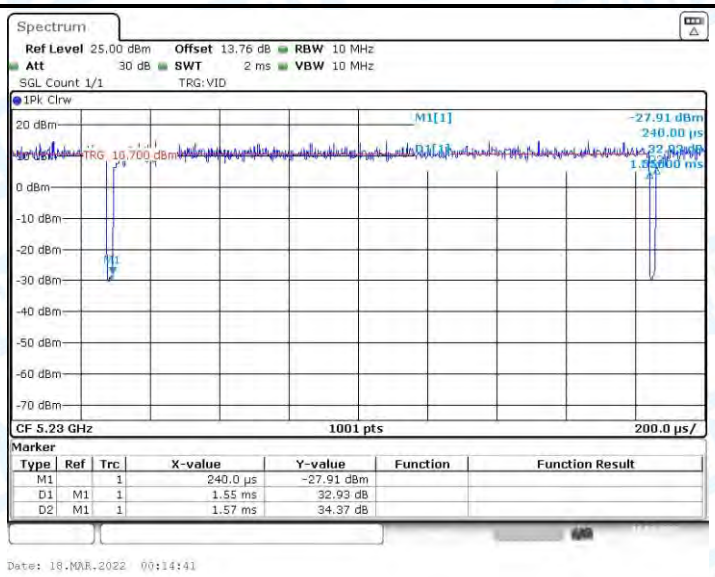

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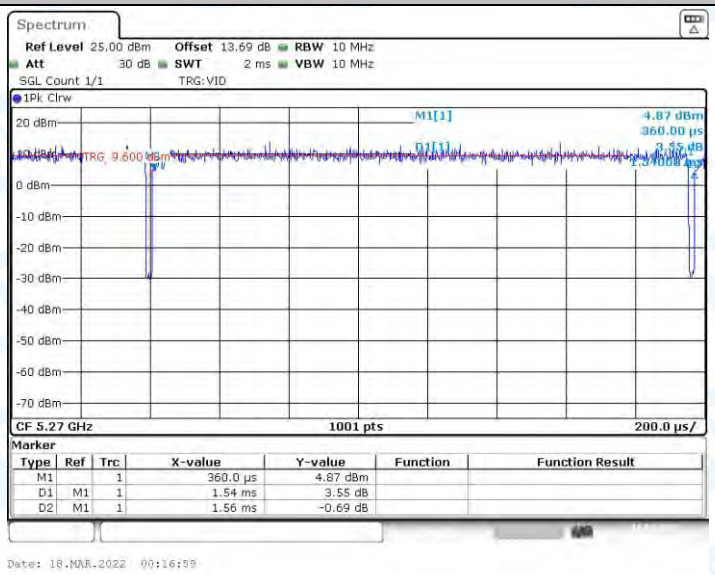

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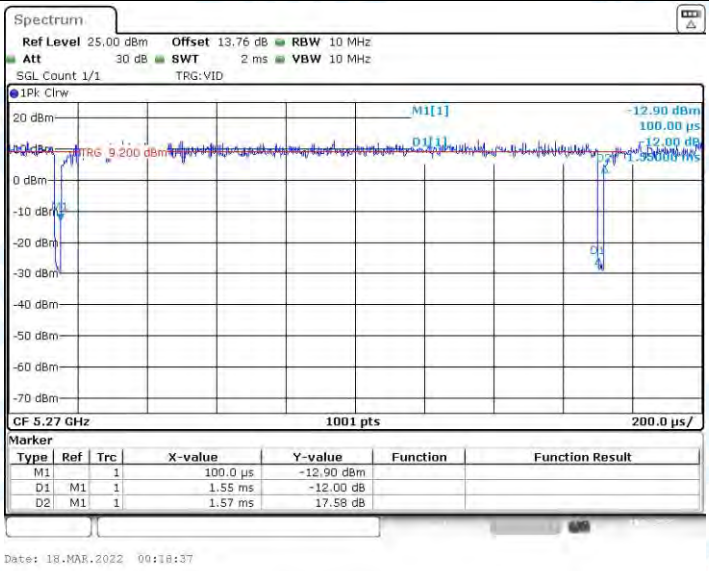

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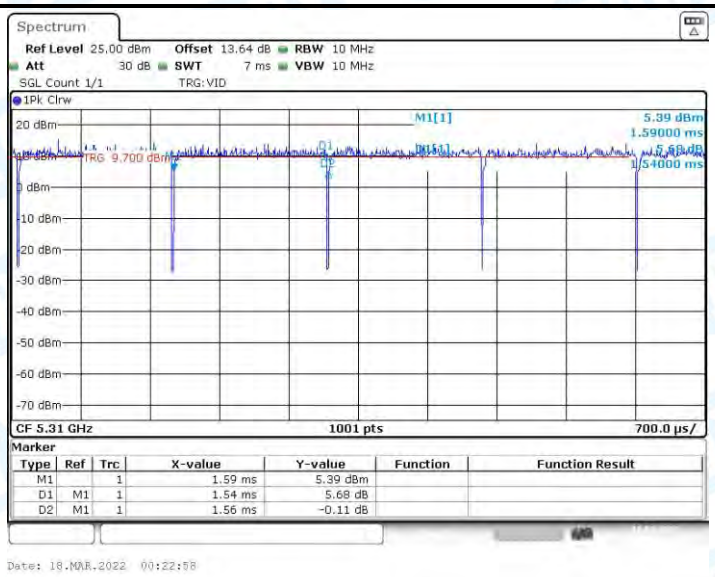

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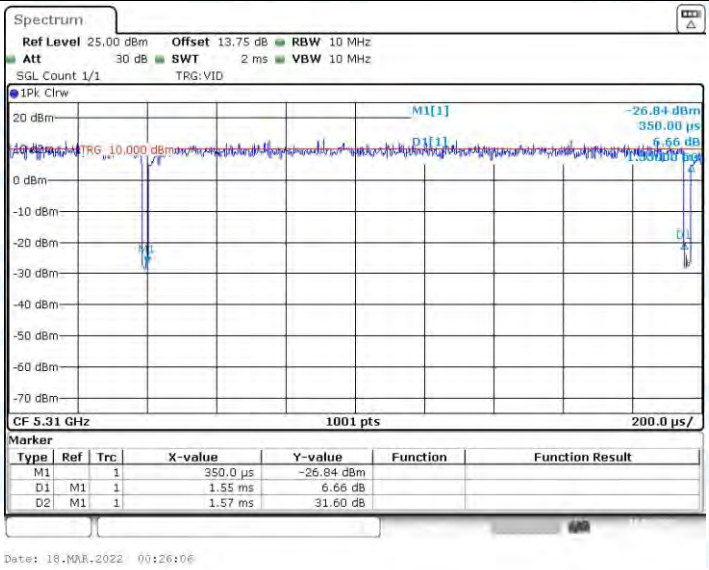

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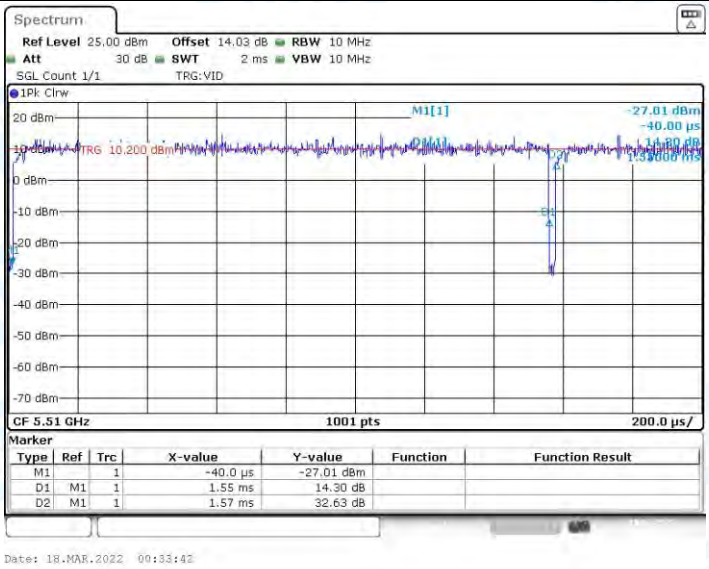

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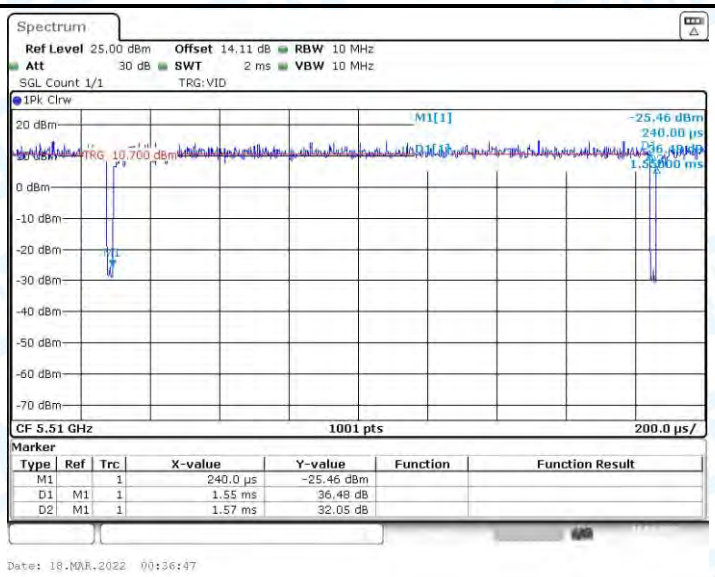

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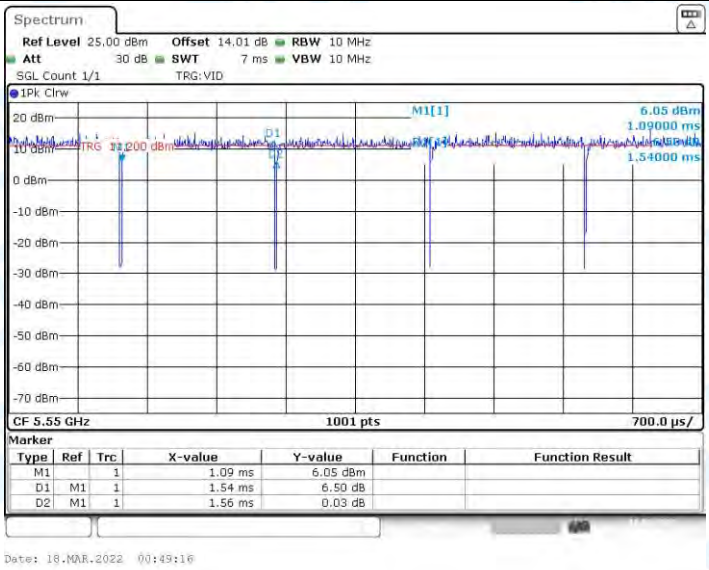

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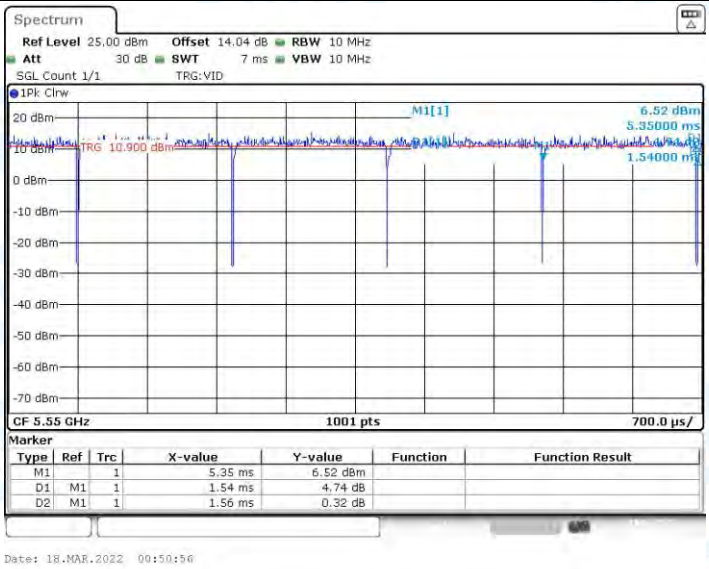

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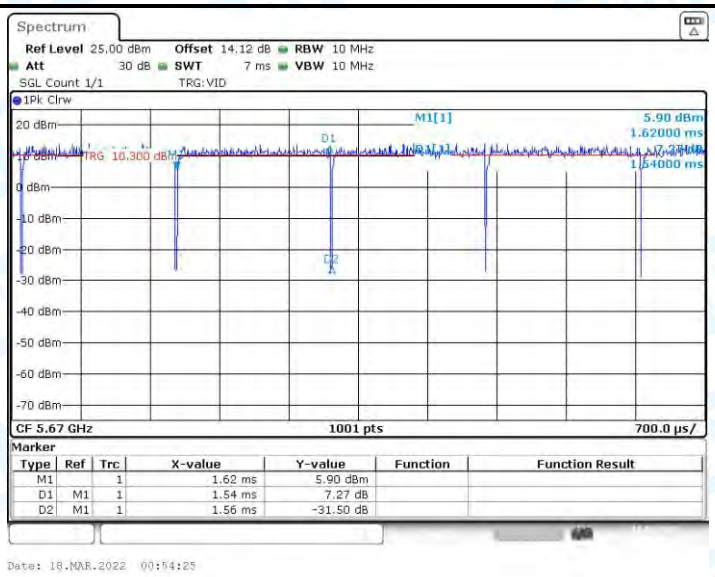

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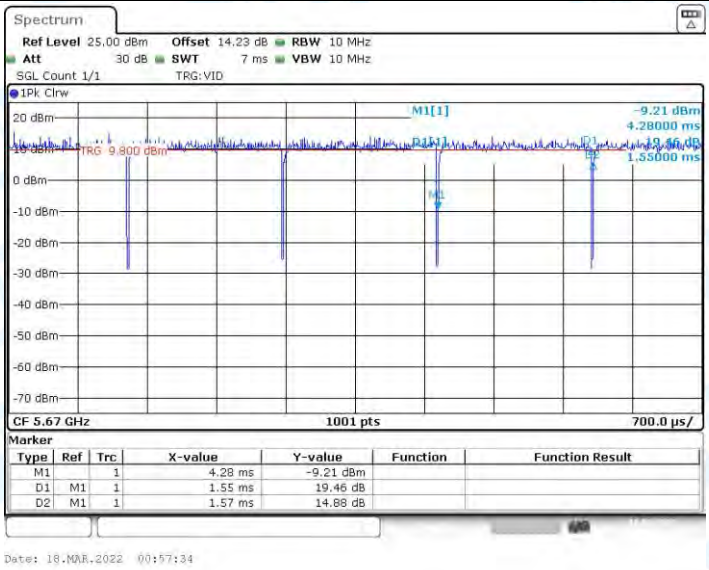

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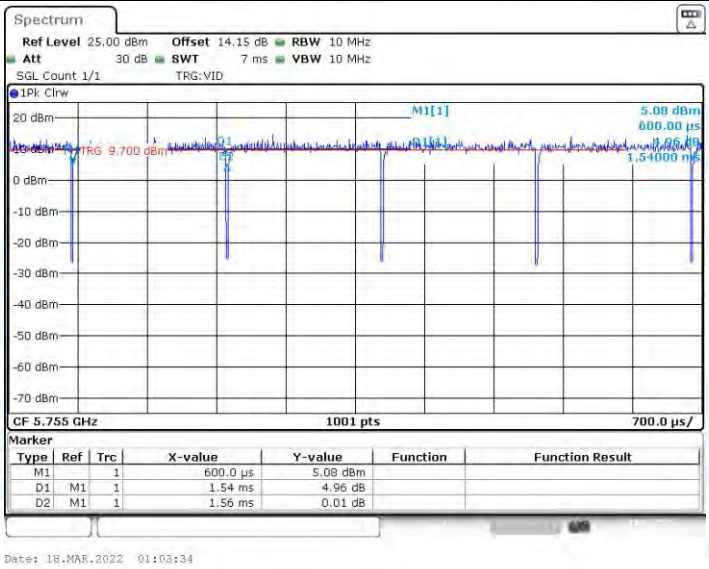

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