

Appendix: Bluetooth LE

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Duty Cycle

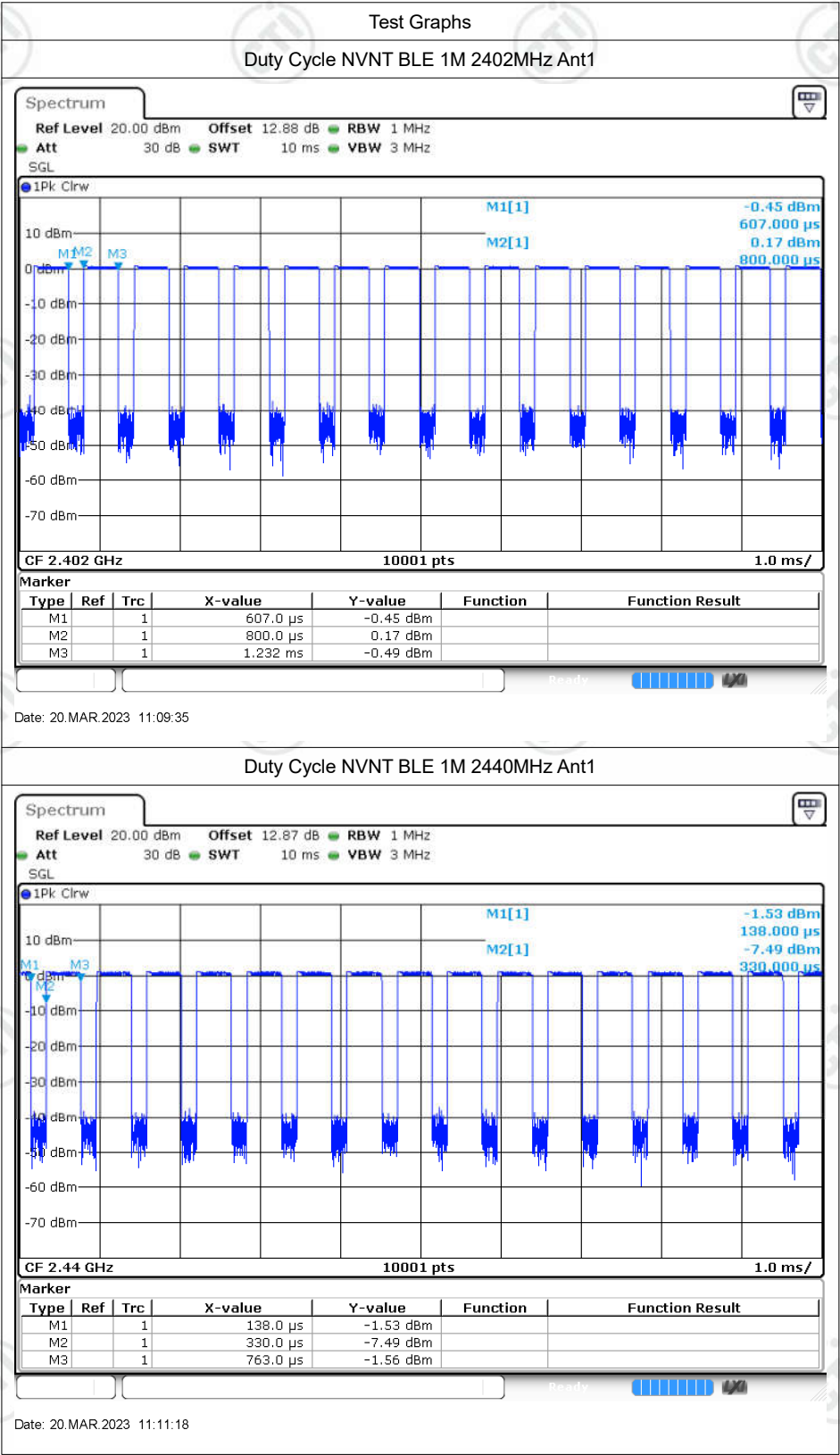
Ear L:

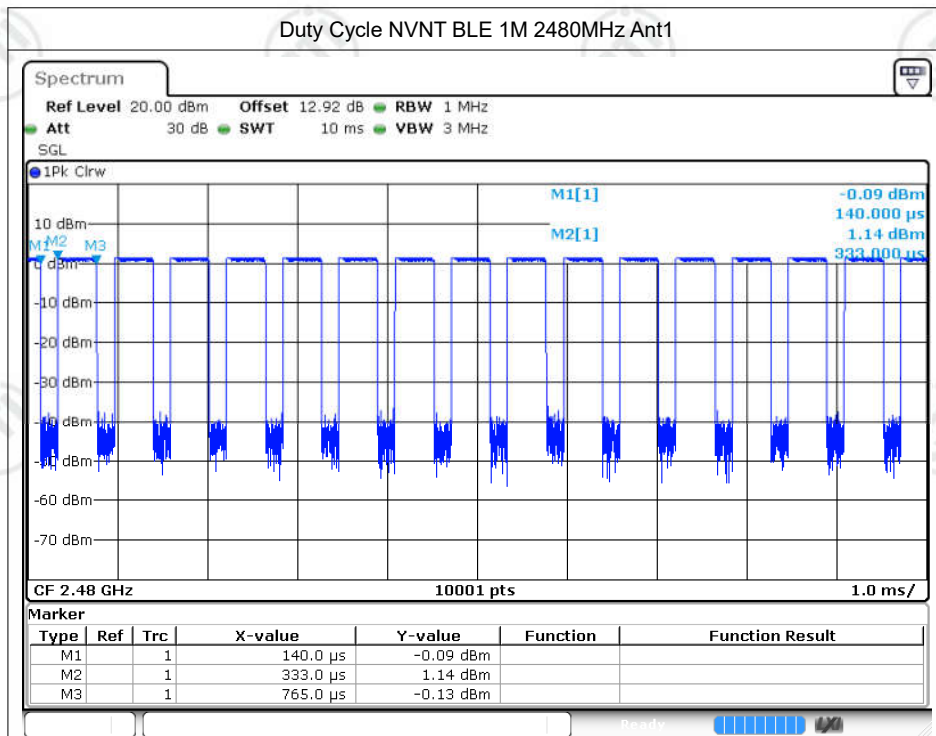
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	69.12	1.6	2.31
NVNT	BLE 1M	2440	Ant1	69.28	1.59	2.31
NVNT	BLE 1M	2480	Ant1	69.12	1.6	2.31
NVNT	BLE 2M	2402	Ant1	39.84	4	4.02
NVNT	BLE 2M	2440	Ant1	40	3.98	4
NVNT	BLE 2M	2480	Ant1	40	3.98	4

Ear R:

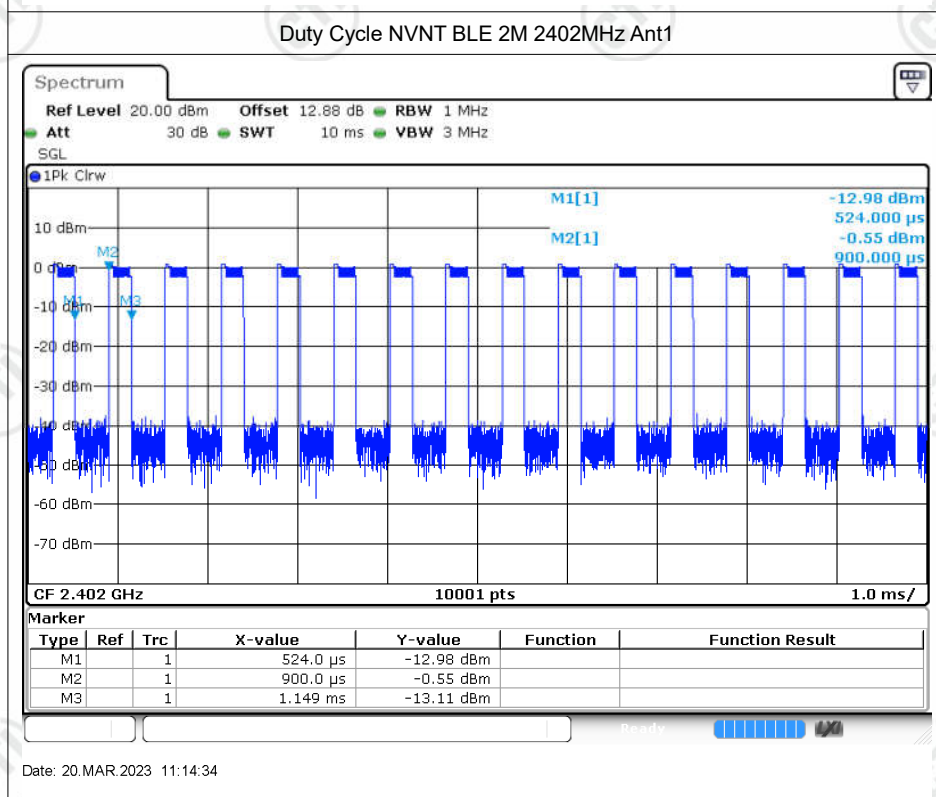
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	69.12	1.6	2.31
NVNT	BLE 1M	2440	Ant1	69.12	1.6	2.31
NVNT	BLE 1M	2480	Ant1	69.28	1.59	2.31
NVNT	BLE 2M	2402	Ant1	39.84	4	4.02
NVNT	BLE 2M	2440	Ant1	39.84	4	4.02
NVNT	BLE 2M	2480	Ant1	39.84	4	4.02

Ear L:

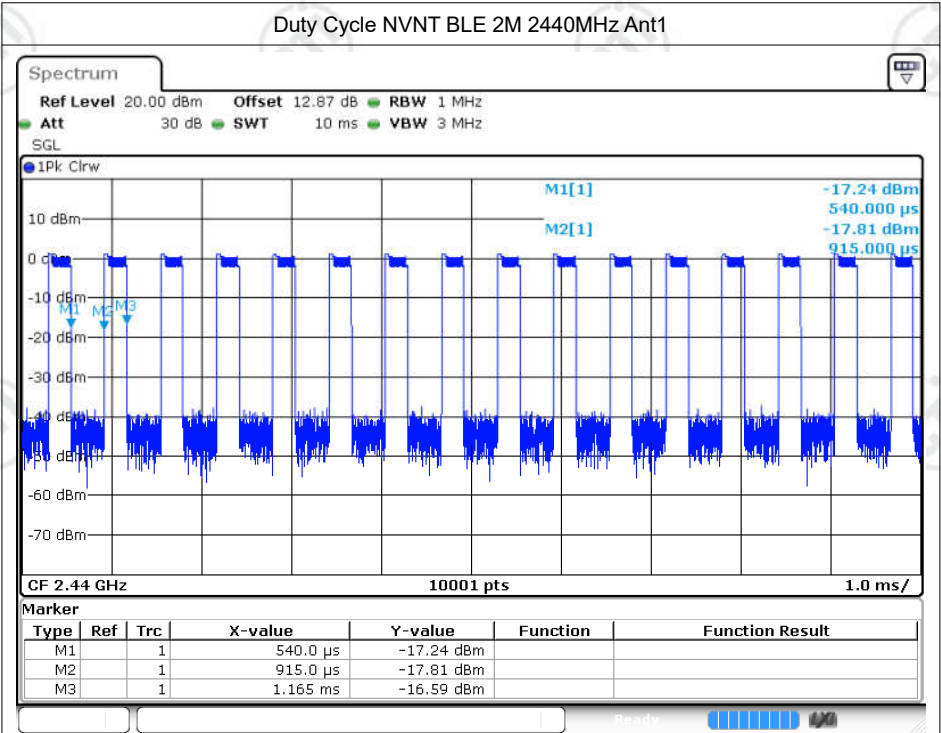




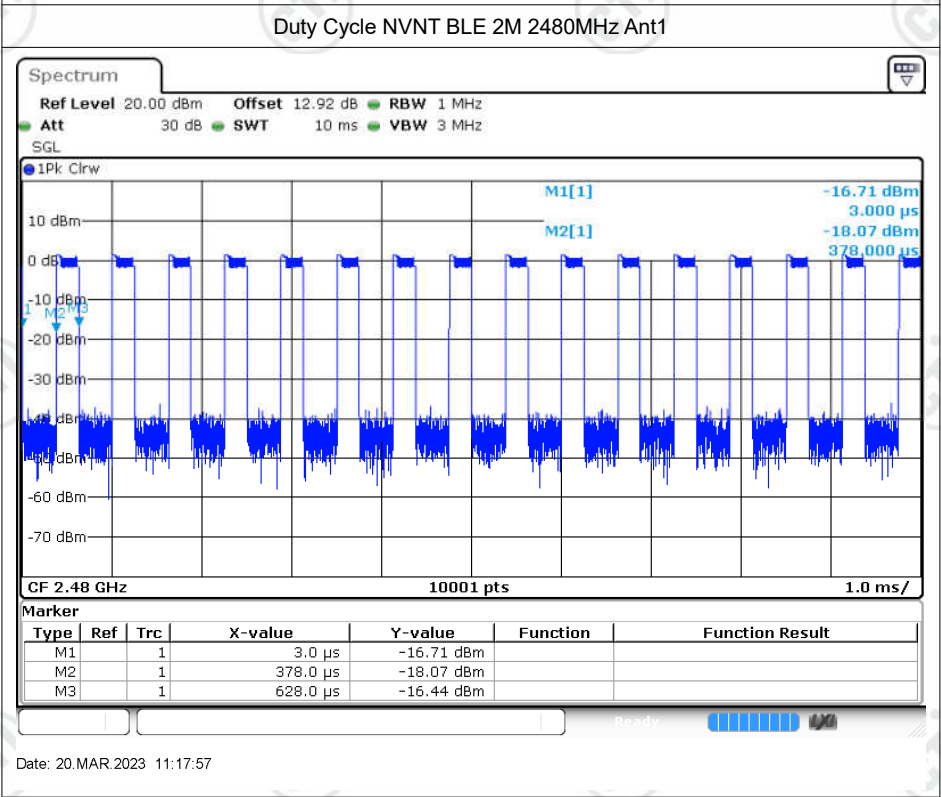
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Date: 20.MAR.2023 11:14:34

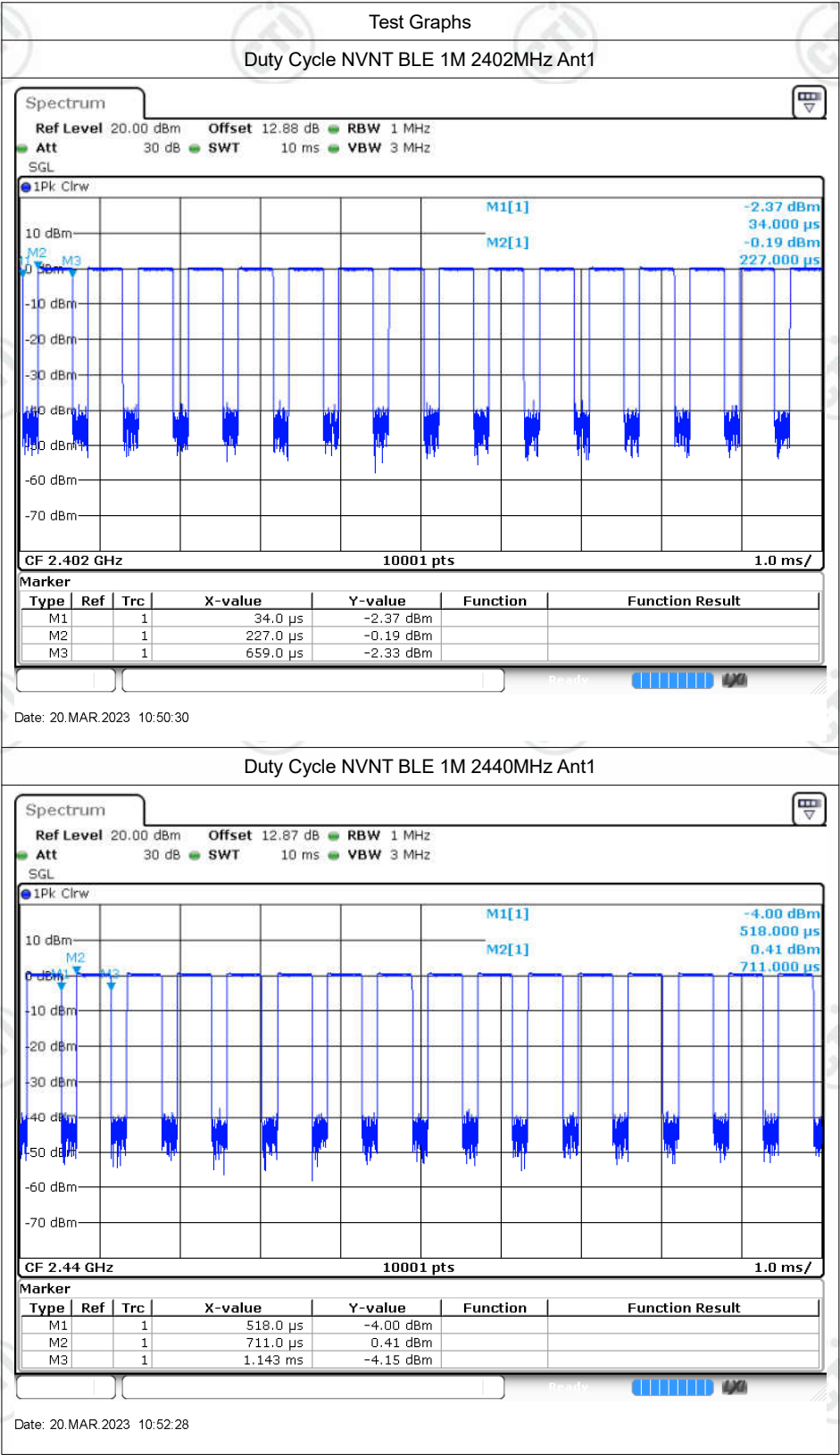


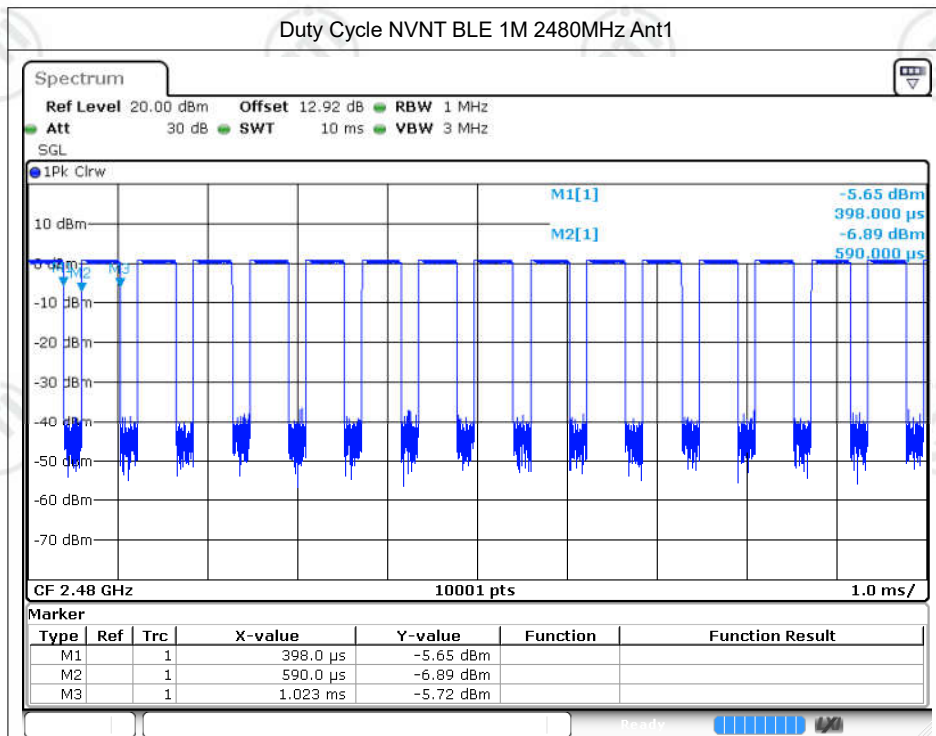
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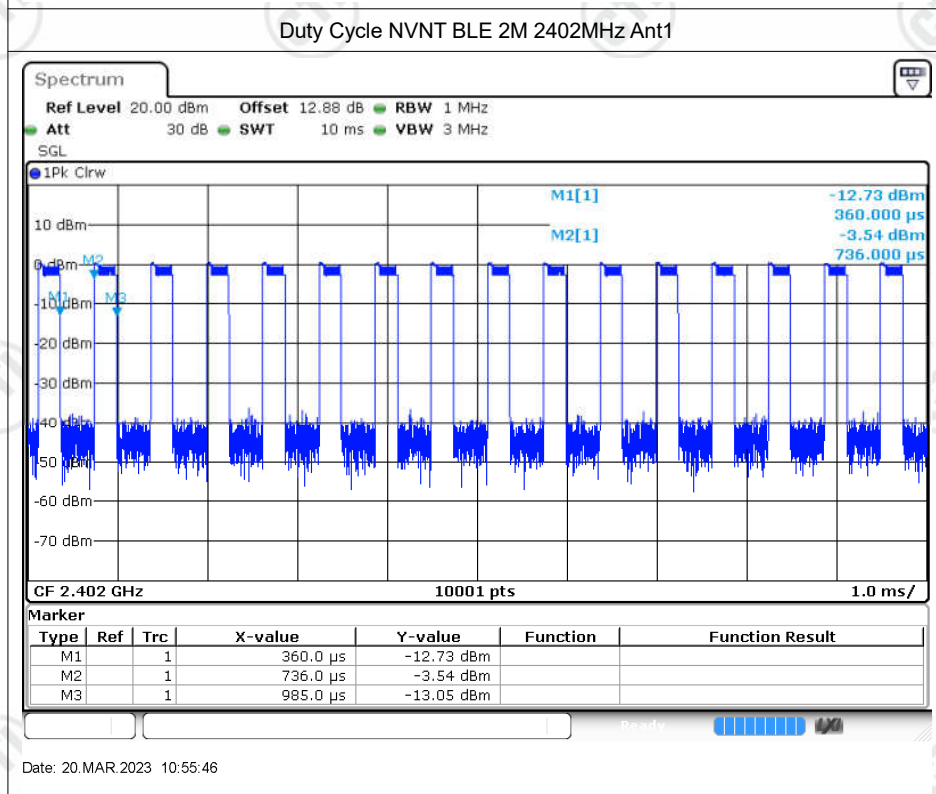
Date: 20.MAR.2023 11:17:57

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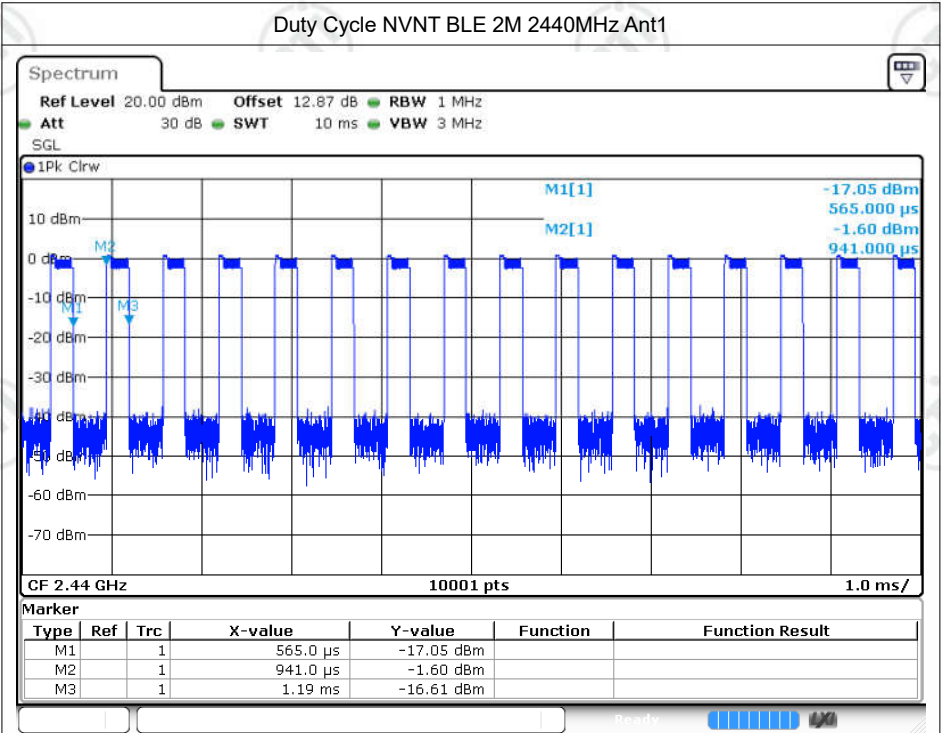




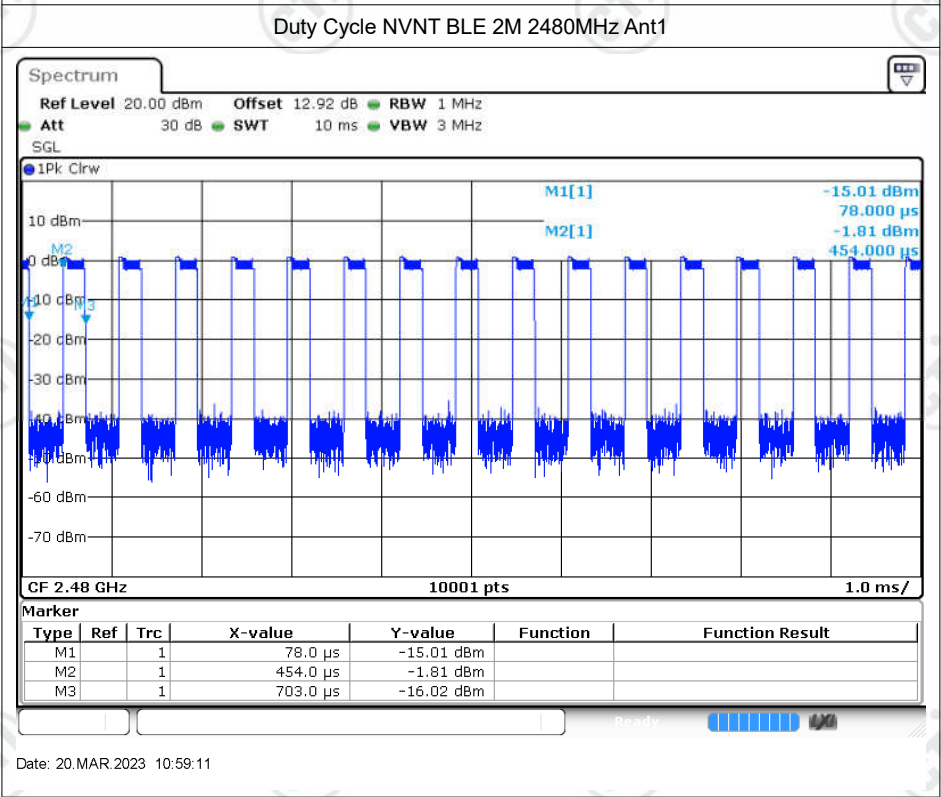
Date: 20.MAR.2023 10:54:04



Date: 20.MAR.2023 10:55:46



Date: 20.MAR.2023 10:57:30



Date: 20.MAR.2023 10:59:11

Maximum Peak Conducted Output Power

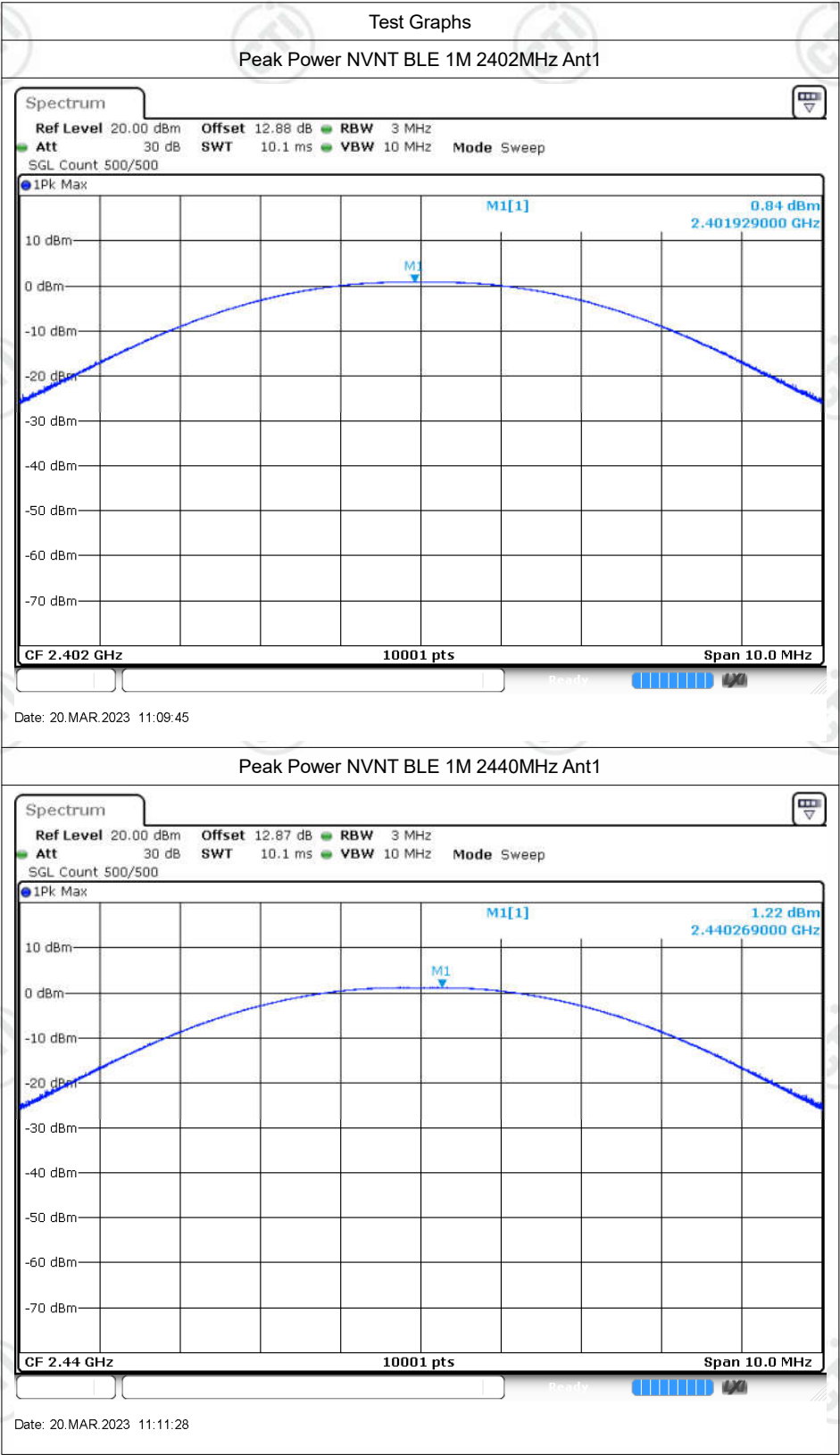
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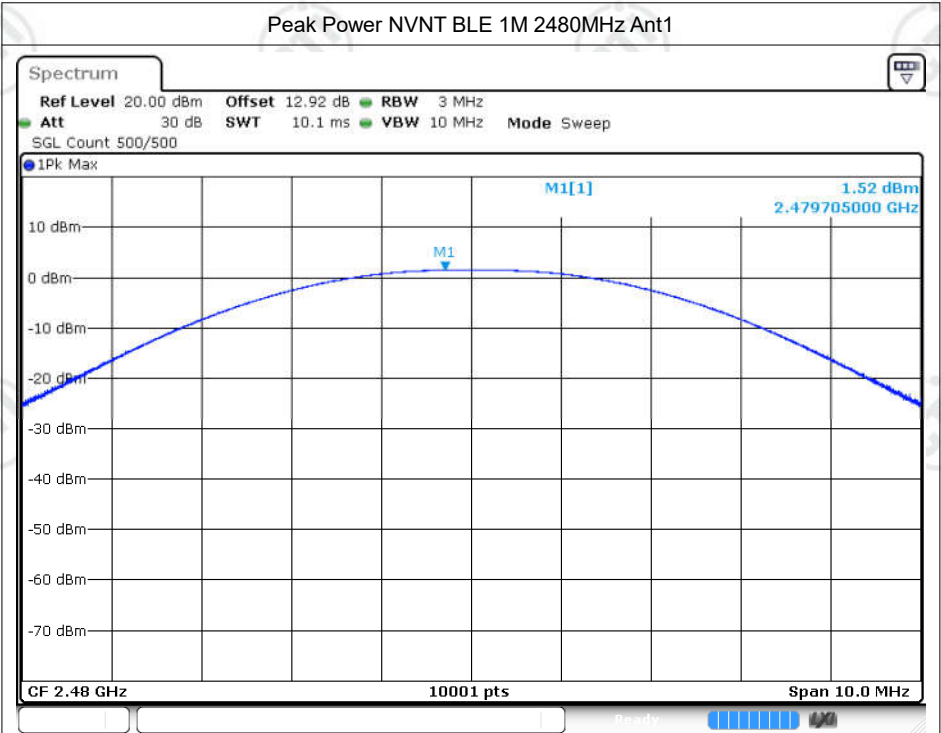
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.84	30	Pass
NVNT	BLE 1M	2440	Ant1	1.22	30	Pass
NVNT	BLE 1M	2480	Ant1	1.52	30	Pass
NVNT	BLE 2M	2402	Ant1	0.85	30	Pass
NVNT	BLE 2M	2440	Ant1	1.2	30	Pass
NVNT	BLE 2M	2480	Ant1	1.57	30	Pass

Ear R:

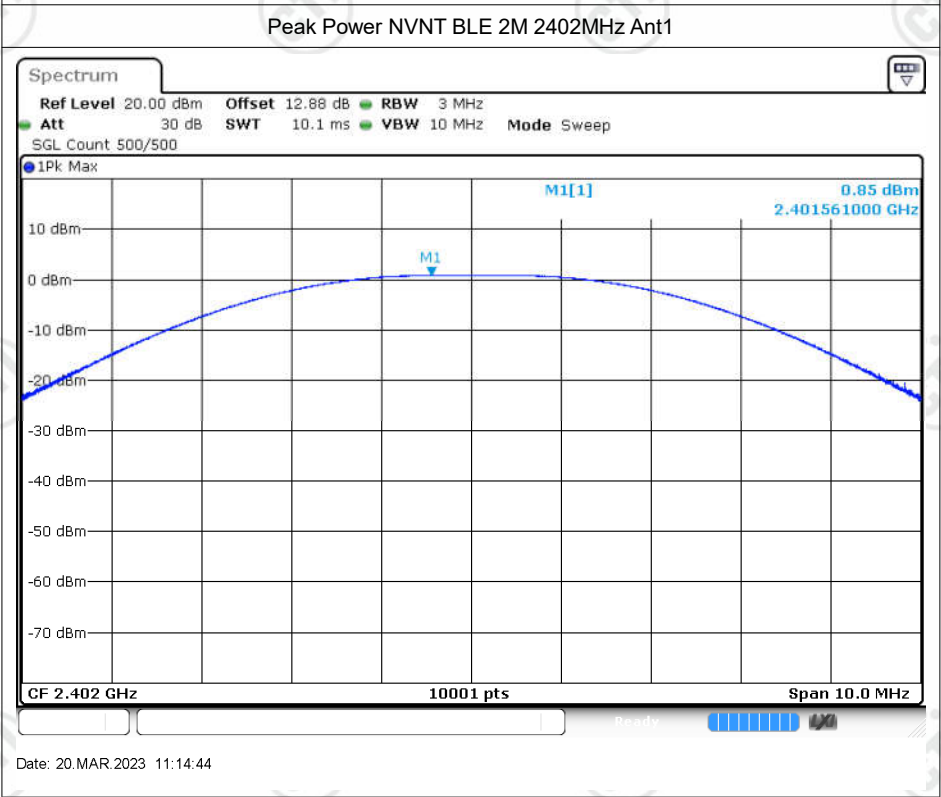
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NVNT	BLE 1M	2402	Ant1	0.44	30	Pass
NVNT	BLE 1M	2440	Ant1	0.76	30	Pass
NVNT	BLE 1M	2480	Ant1	0.98	30	Pass
NVNT	BLE 2M	2402	Ant1	0.48	30	Pass
NVNT	BLE 2M	2440	Ant1	0.77	30	Pass
NVNT	BLE 2M	2480	Ant1	1.01	30	Pass

Ear L:

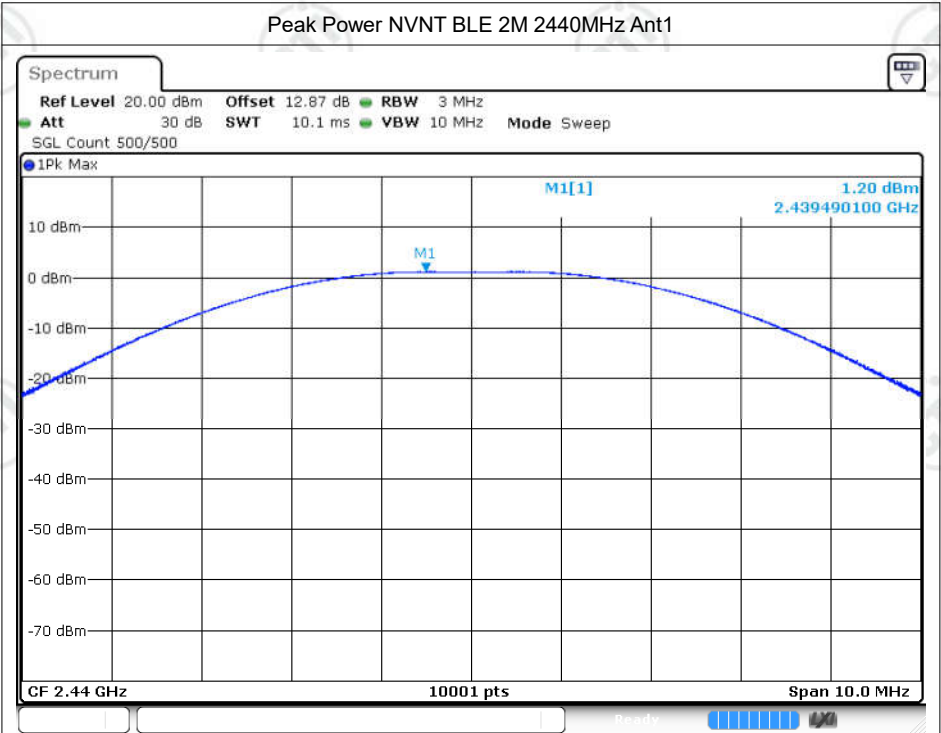




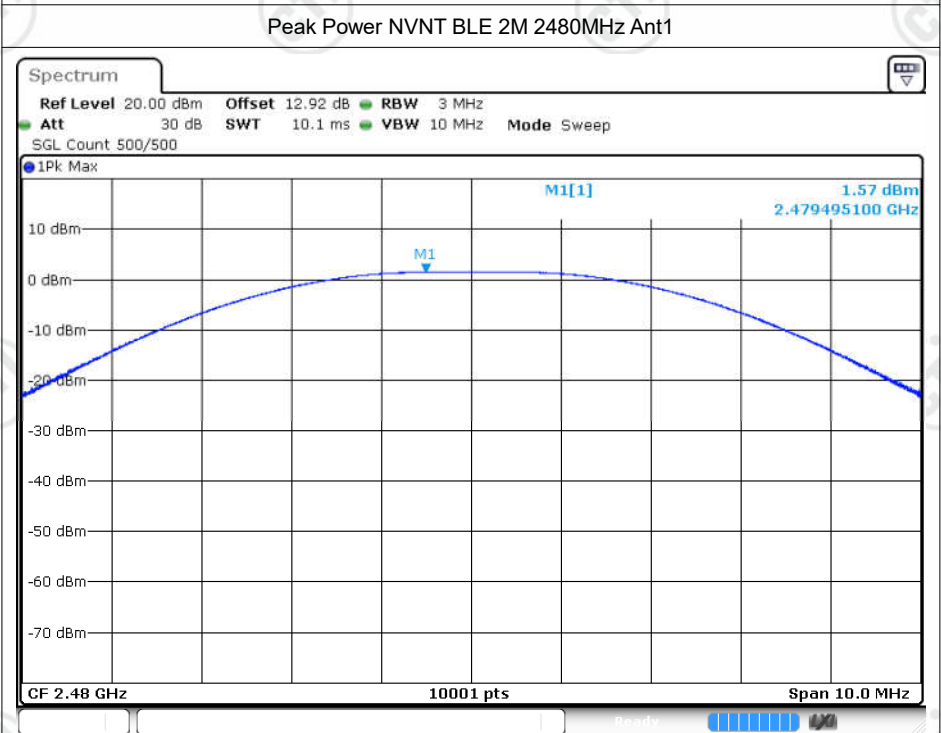
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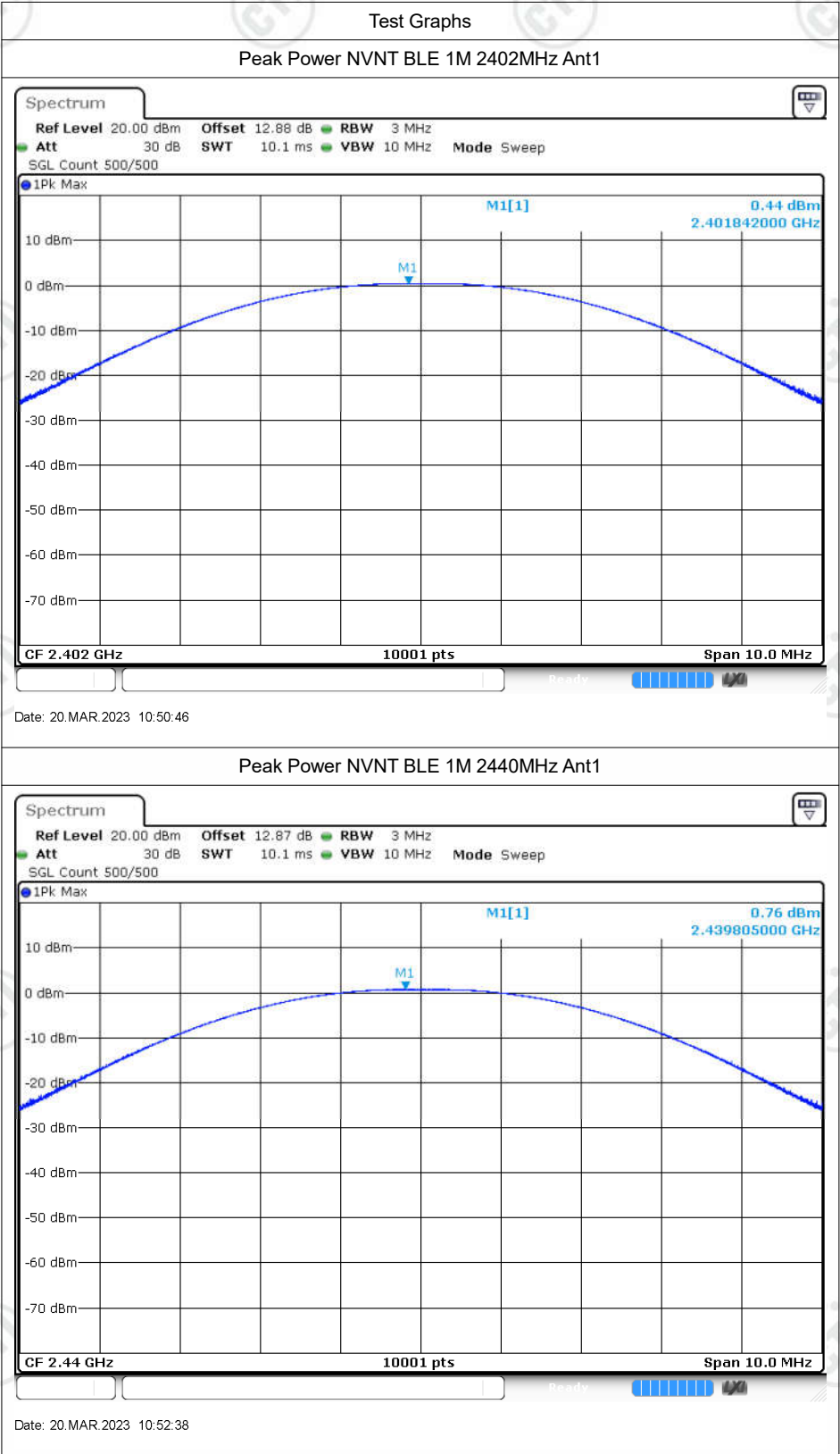


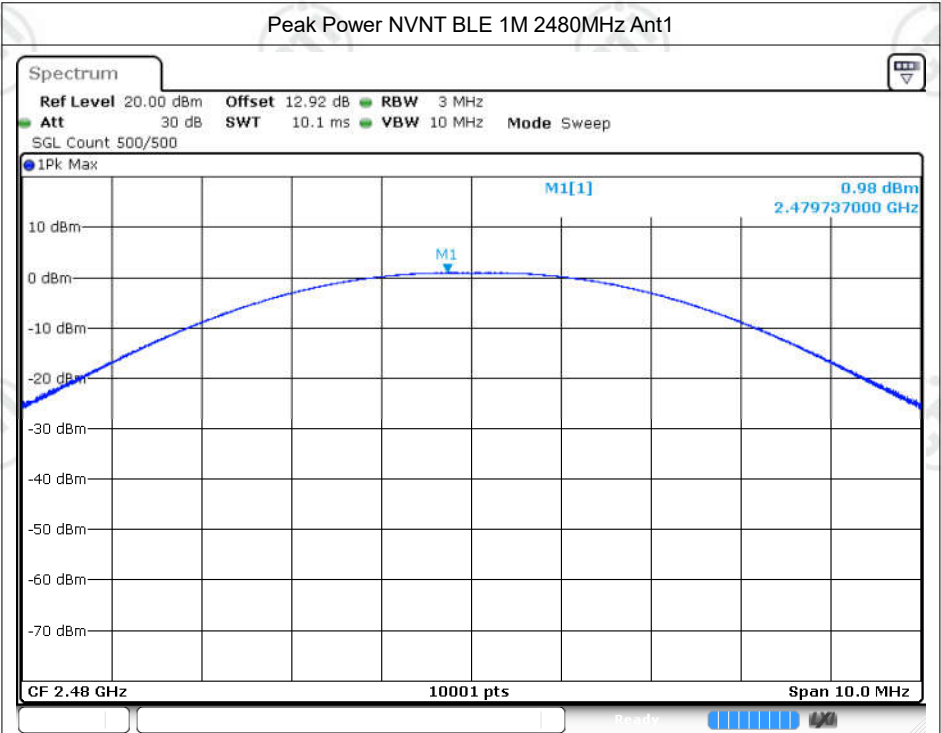
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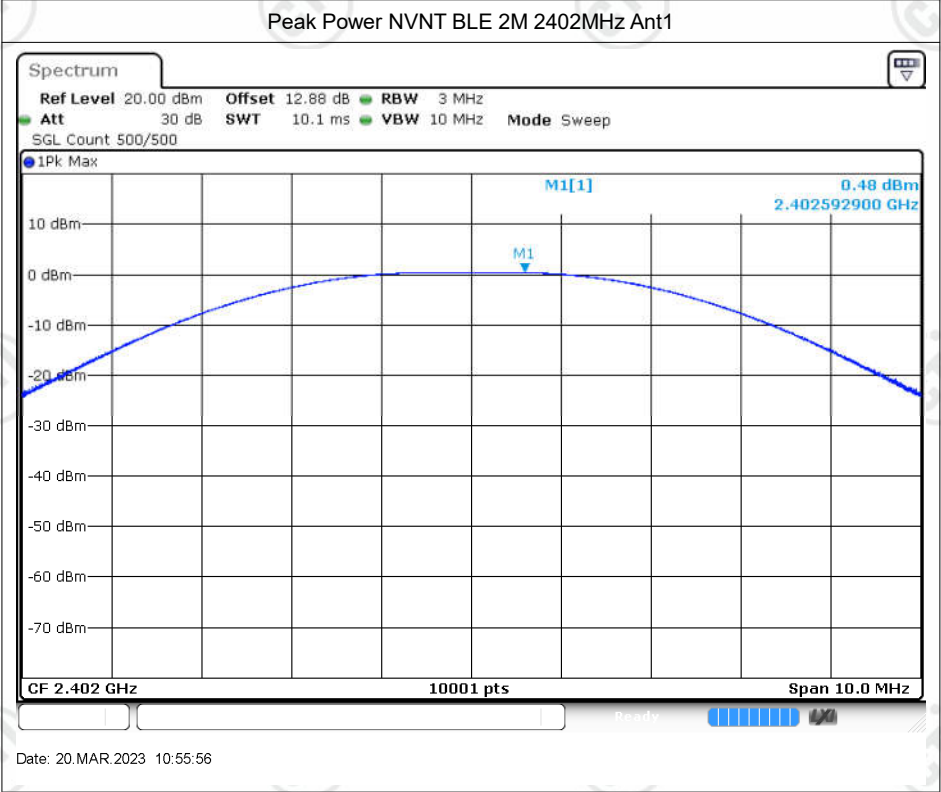
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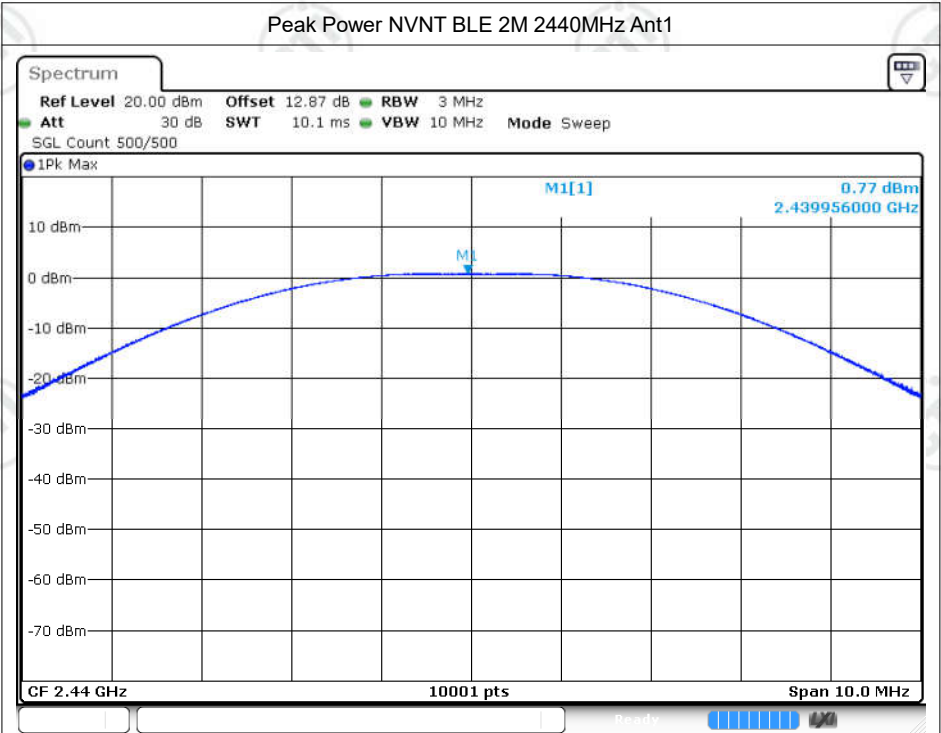




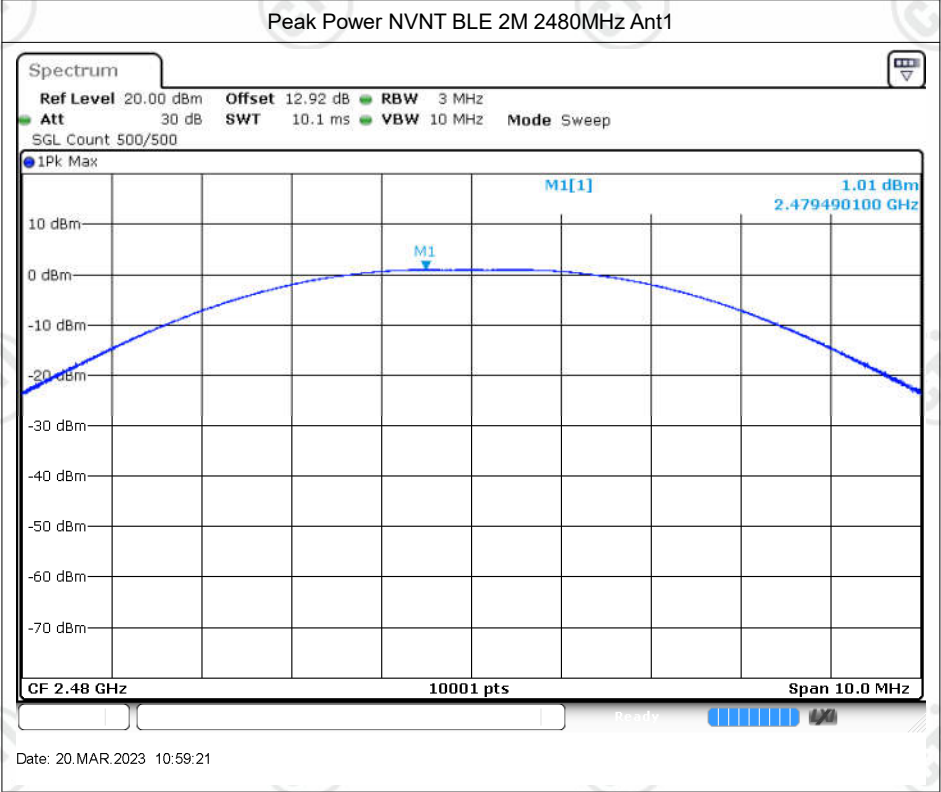
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Date: 20.MAR.2023 10:57:40



Date: 20.MAR.2023 10:59:21

-6dB Bandwidth

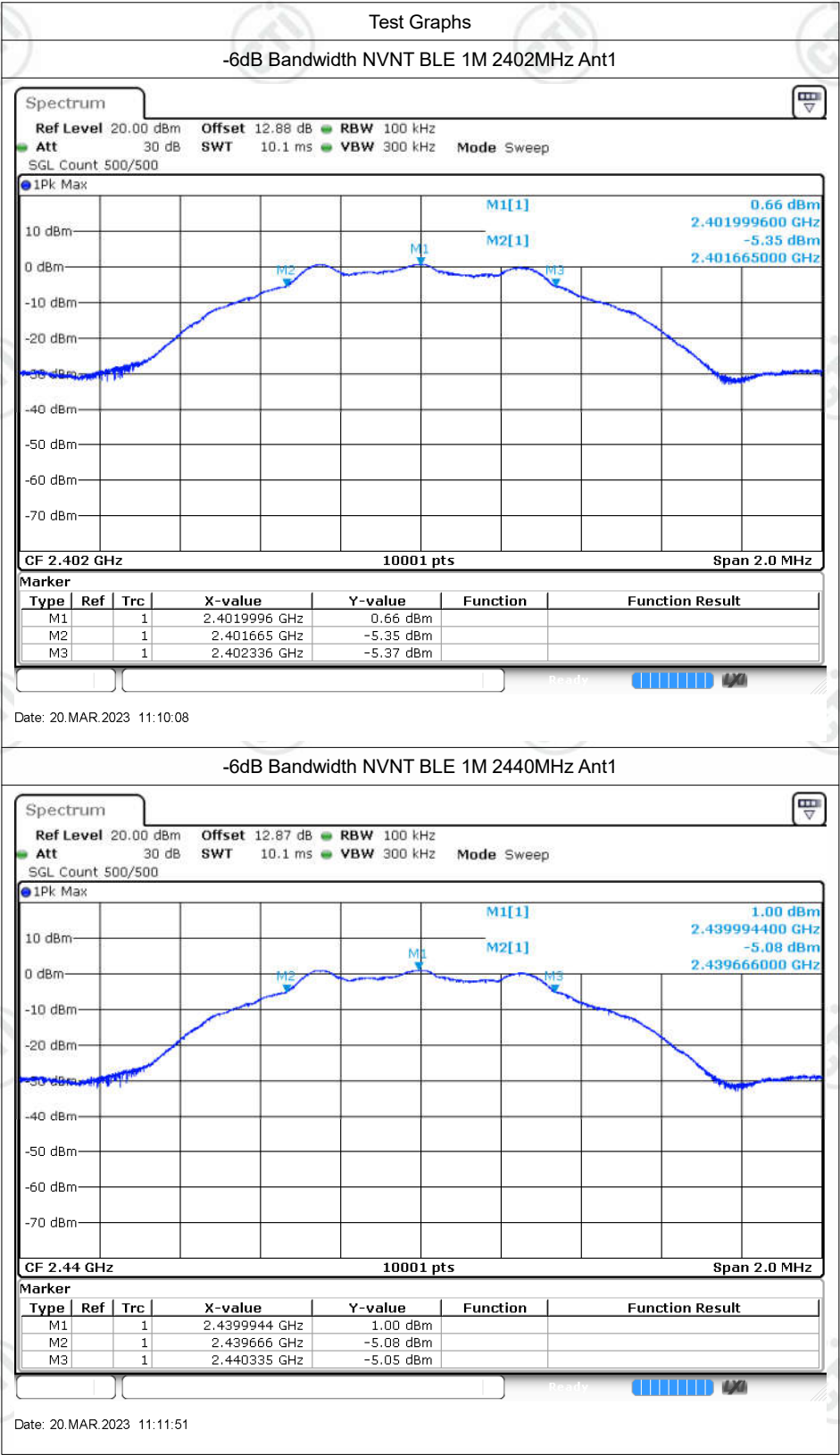
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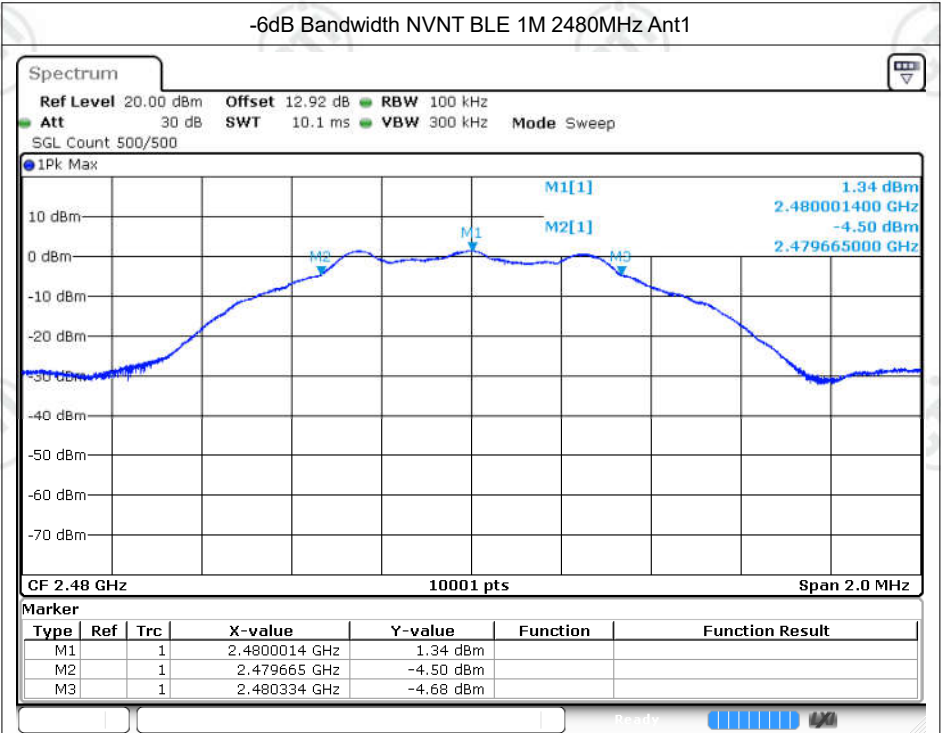
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.671	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.669	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.67	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.191	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.191	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.195	0.5	Pass

Ear R:

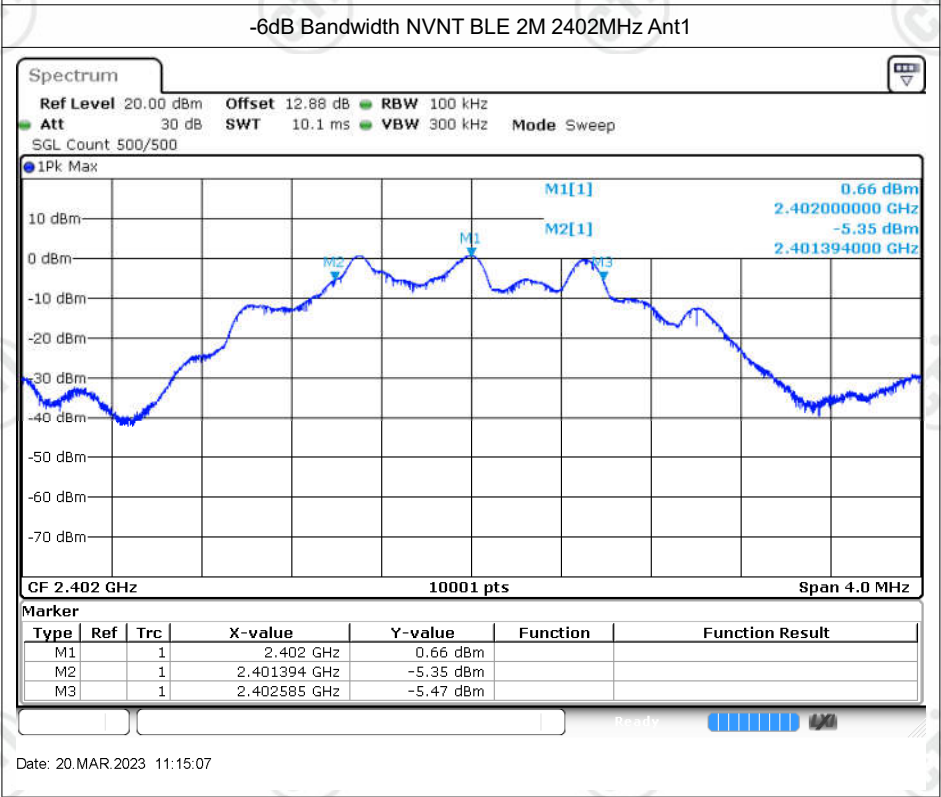
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.678	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.67	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.669	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.19	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.199	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.188	0.5	Pass

Ear L:

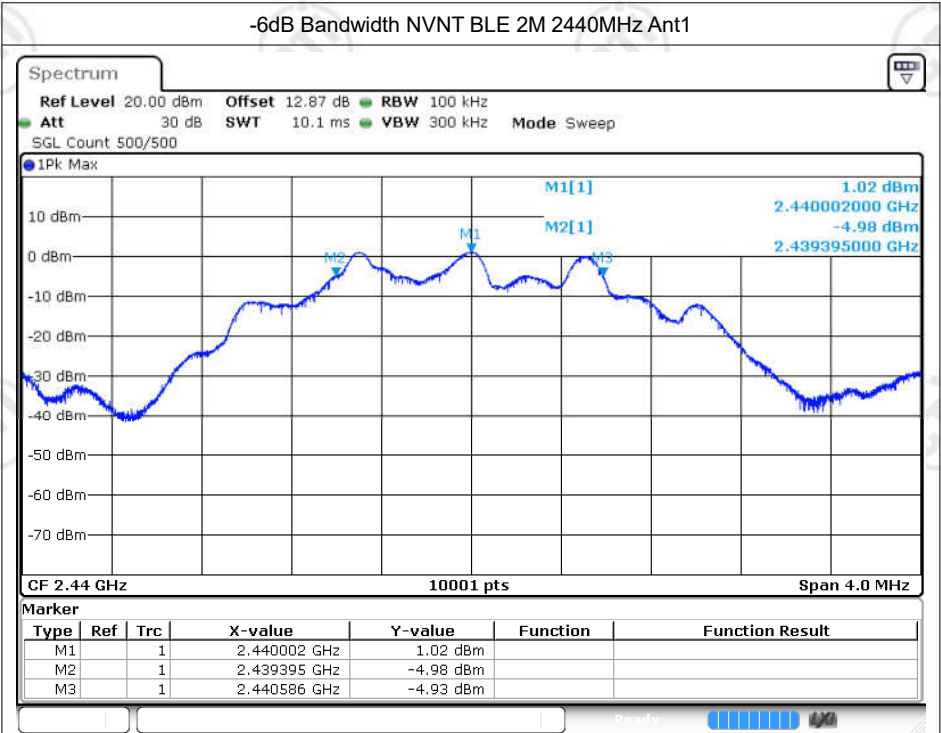




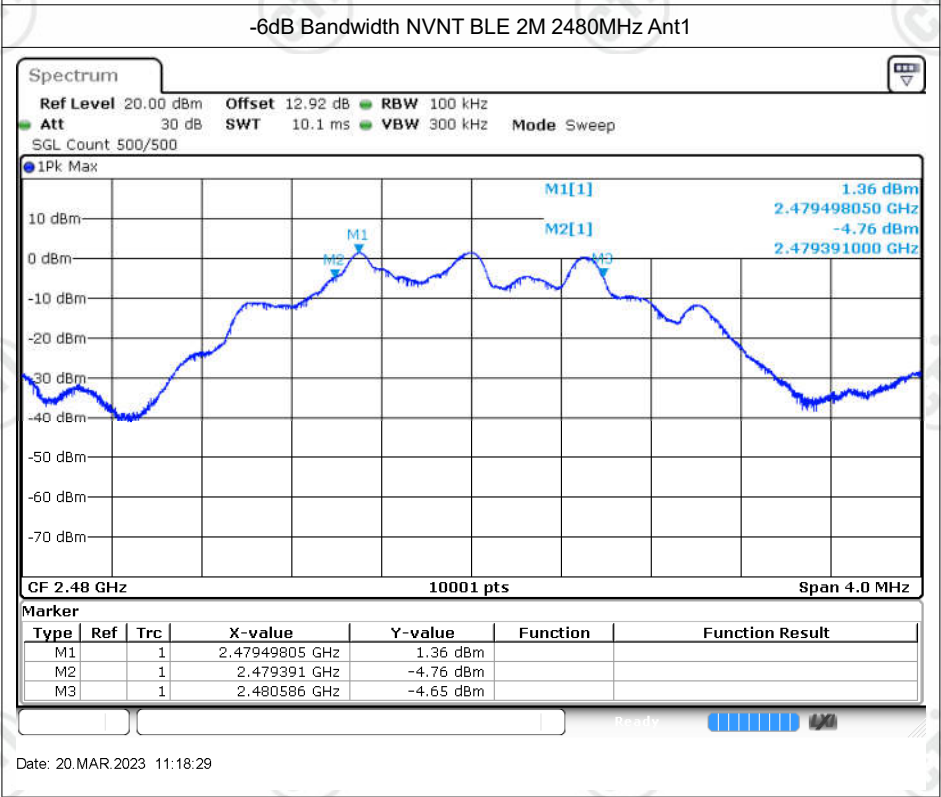
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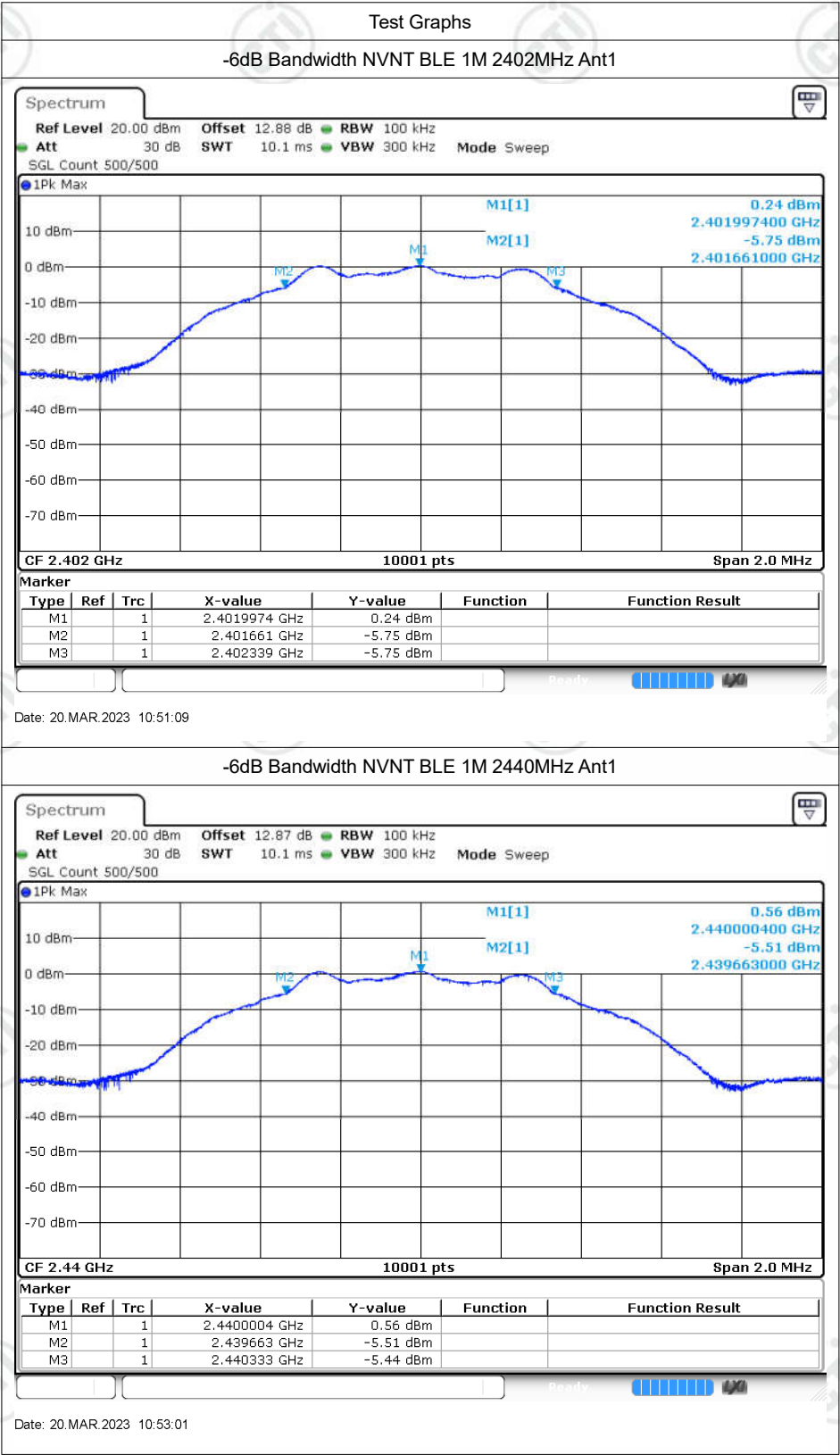


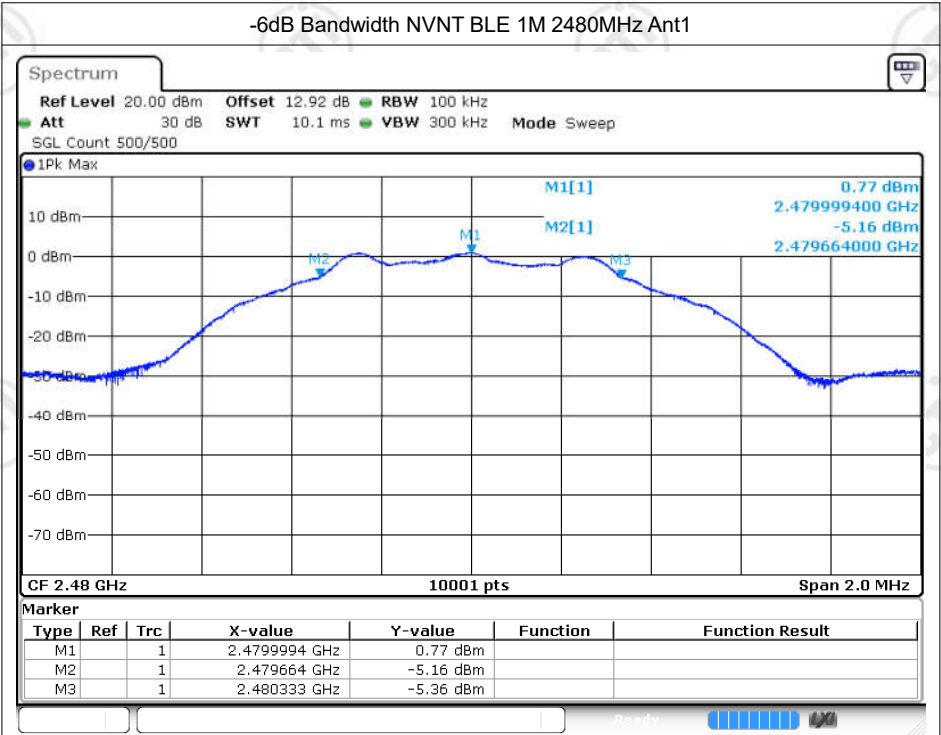
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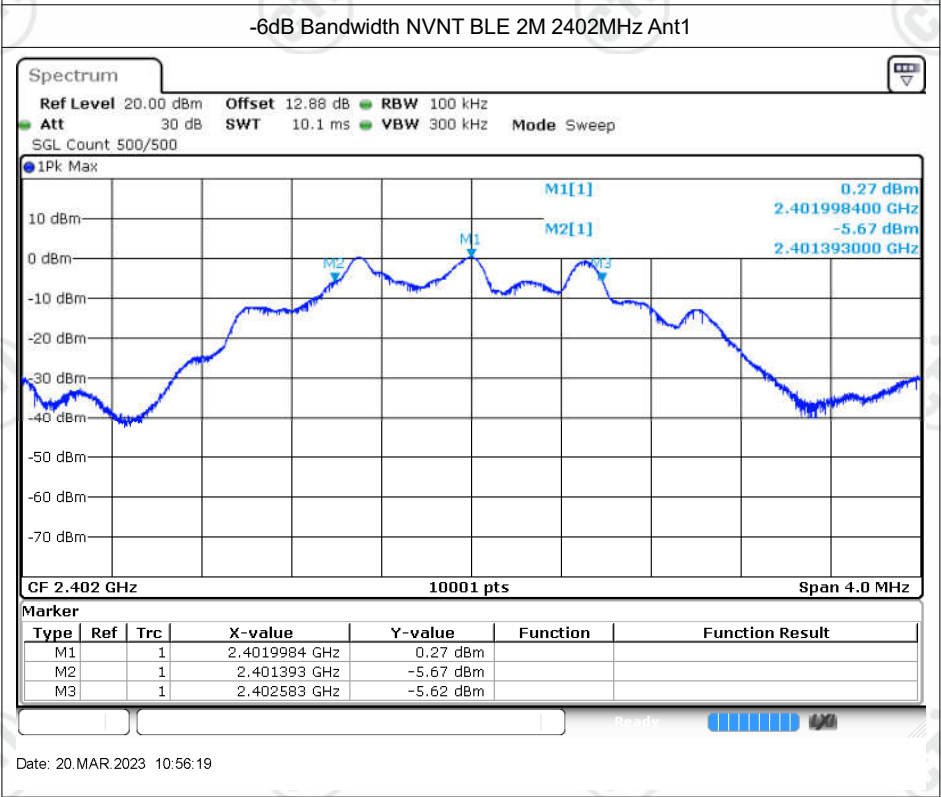
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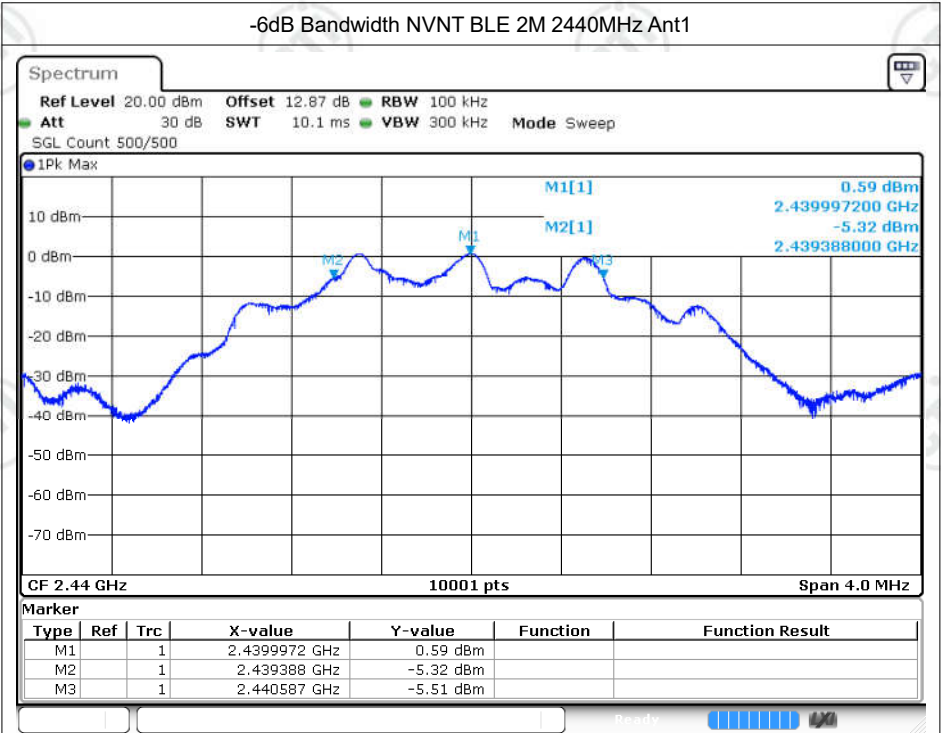




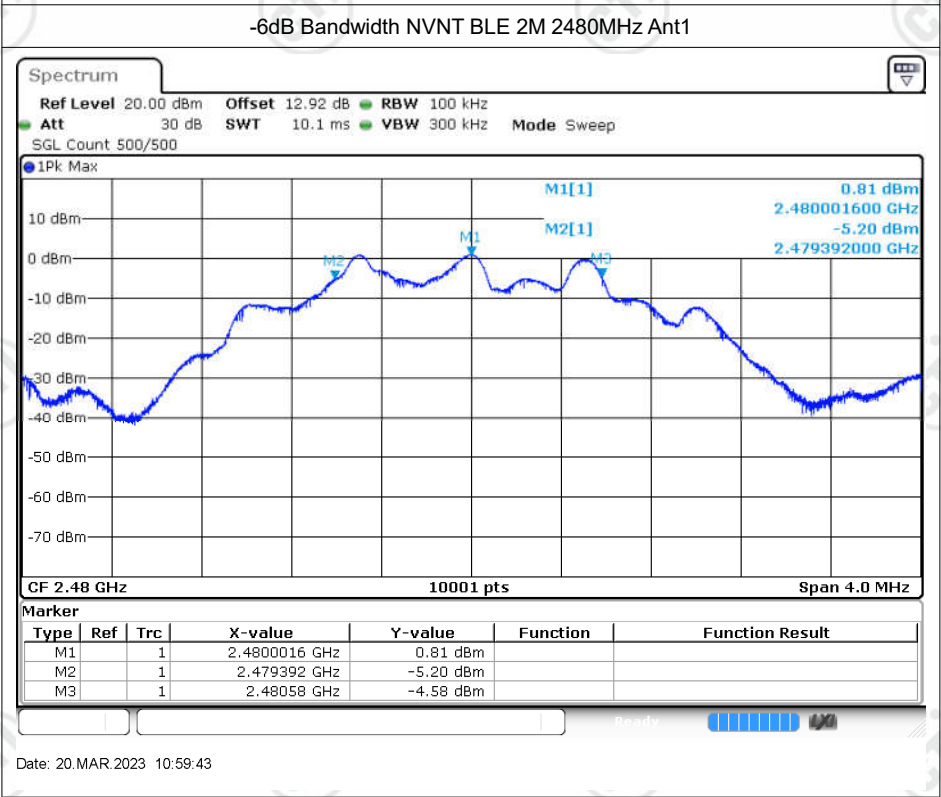
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Date: 20.MAR.2023 10:56:19



Date: 20.MAR.2023 10:58:03



Date: 20.MAR.2023 10:59:43

Occupied Channel Bandwidth

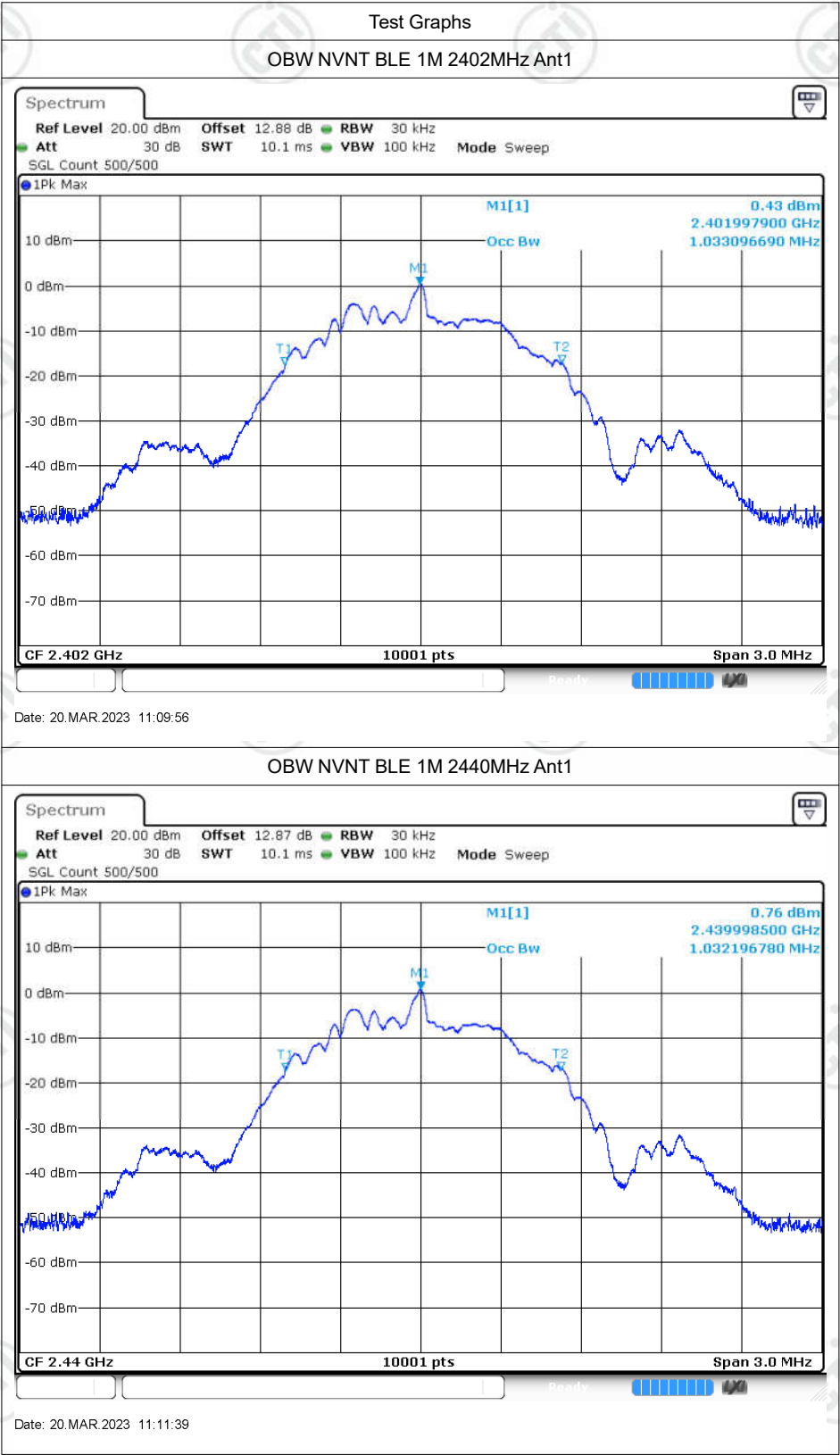
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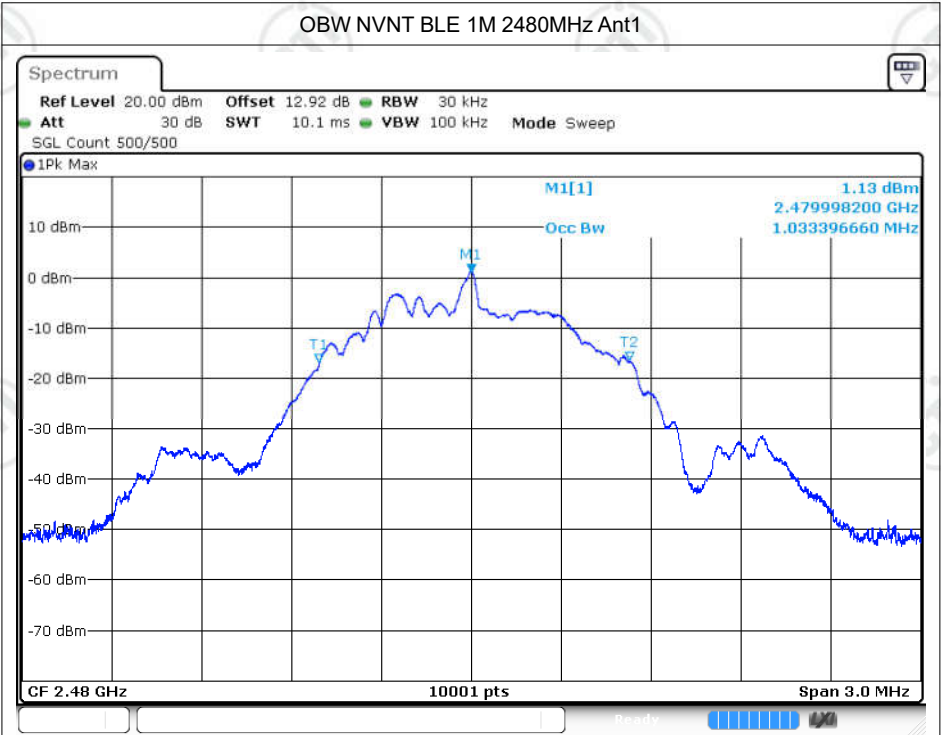
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.033
NVNT	BLE 1M	2440	Ant1	1.032
NVNT	BLE 1M	2480	Ant1	1.033
NVNT	BLE 2M	2402	Ant1	2.003
NVNT	BLE 2M	2440	Ant1	2.003
NVNT	BLE 2M	2480	Ant1	2.004

Ear R:

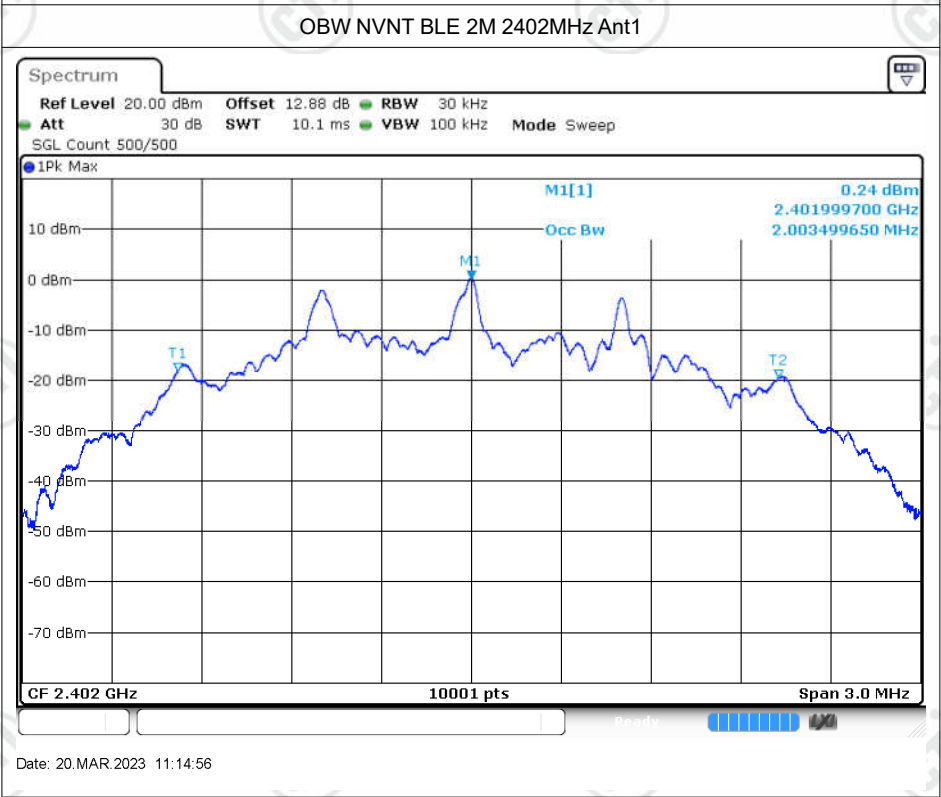
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.035
NVNT	BLE 1M	2440	Ant1	1.034
NVNT	BLE 1M	2480	Ant1	1.034
NVNT	BLE 2M	2402	Ant1	2.004
NVNT	BLE 2M	2440	Ant1	2.006
NVNT	BLE 2M	2480	Ant1	2.003

Ear L:

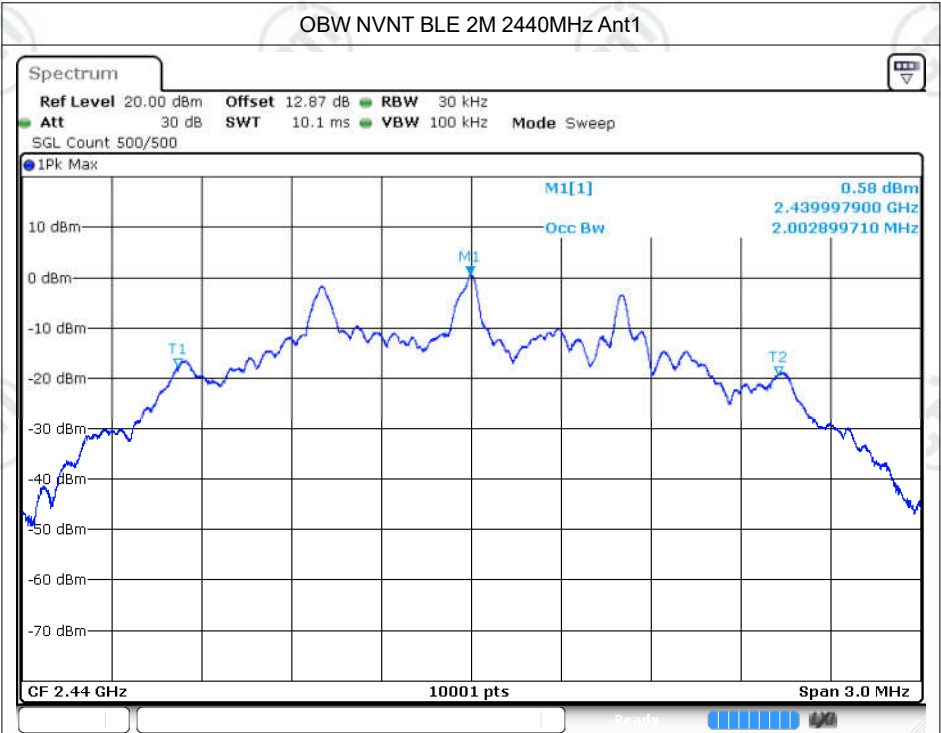




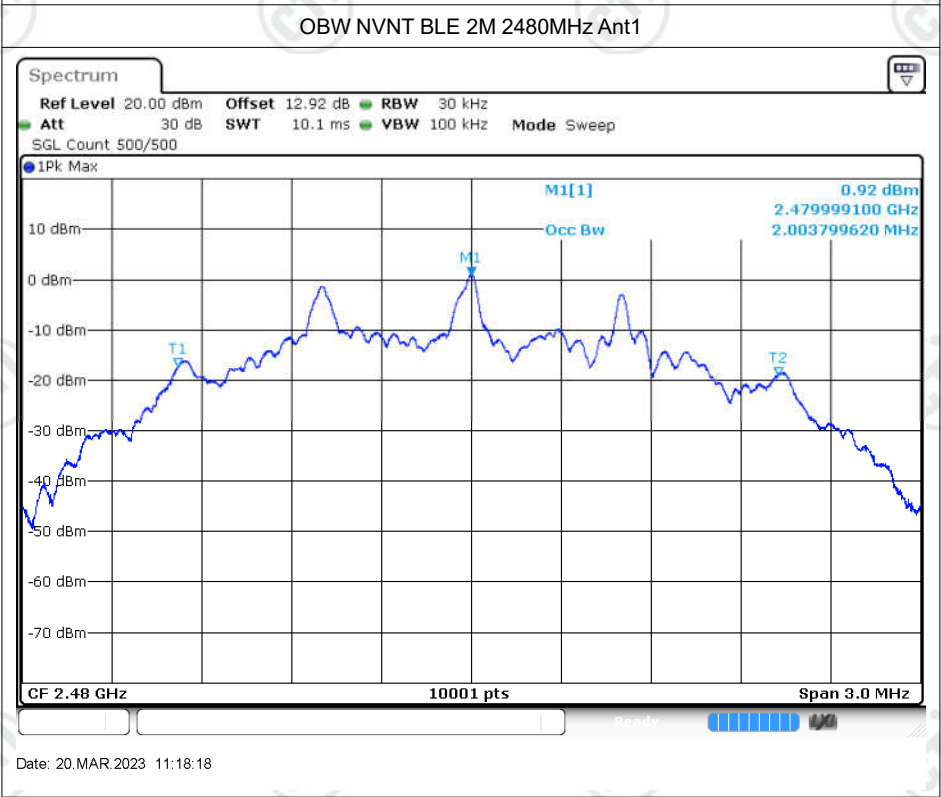
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Date: 20.MAR.2023 11:14:56

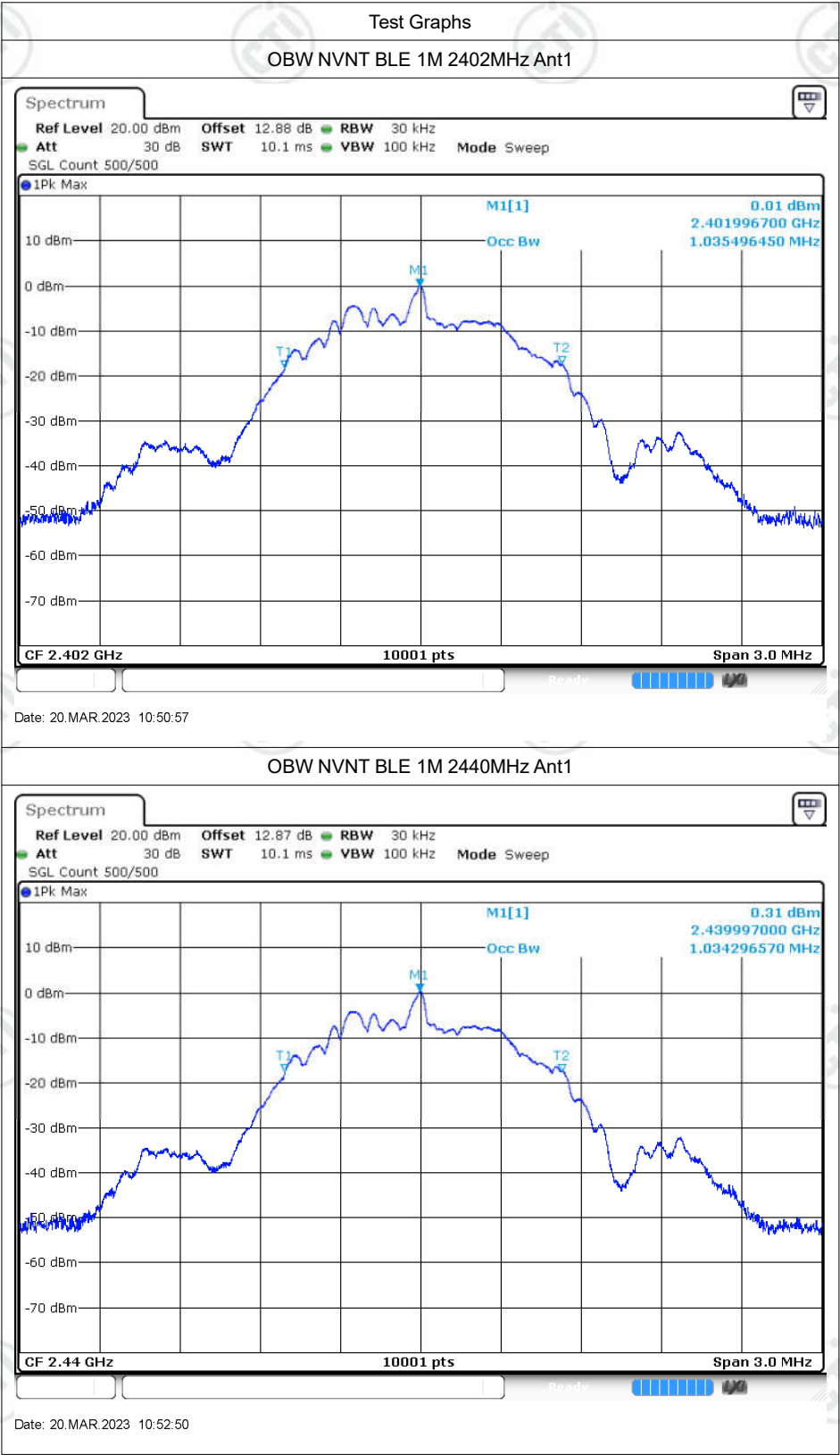


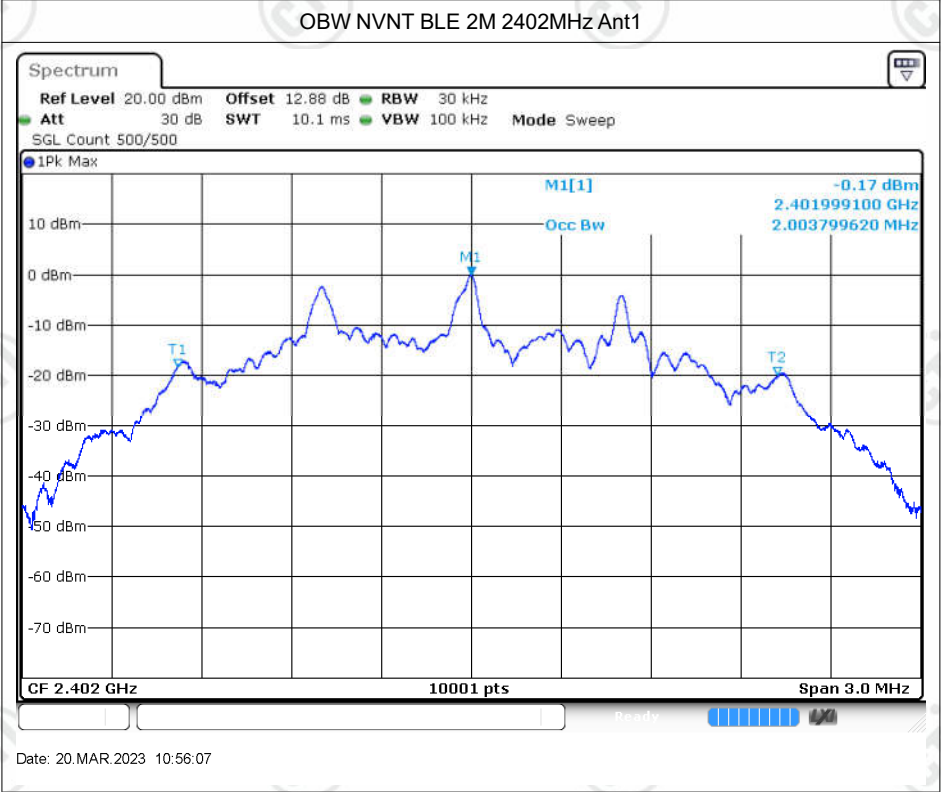
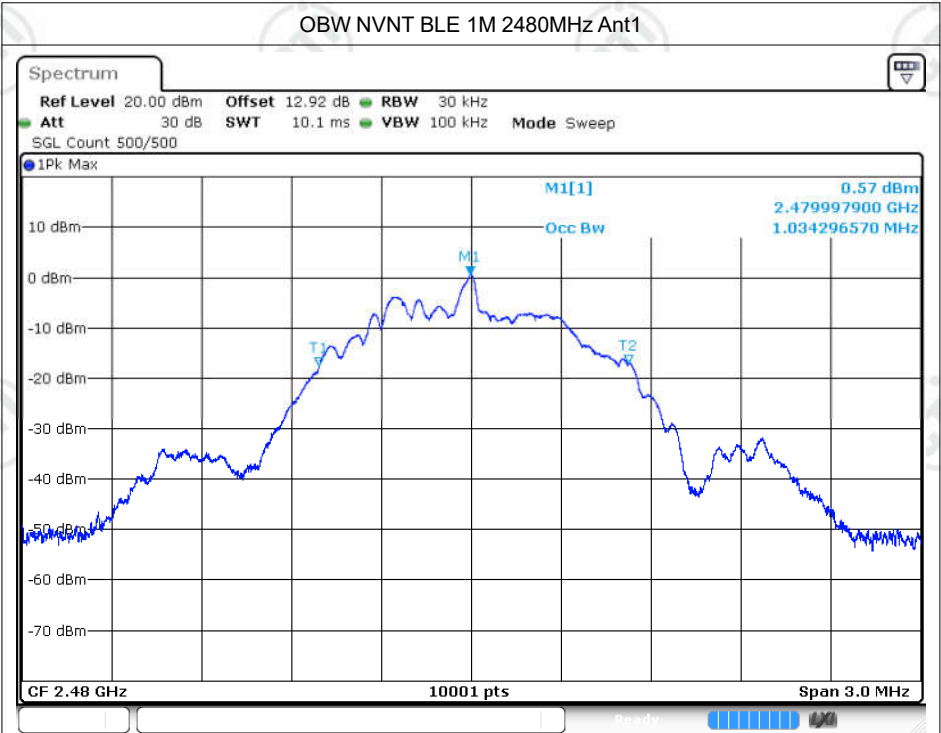
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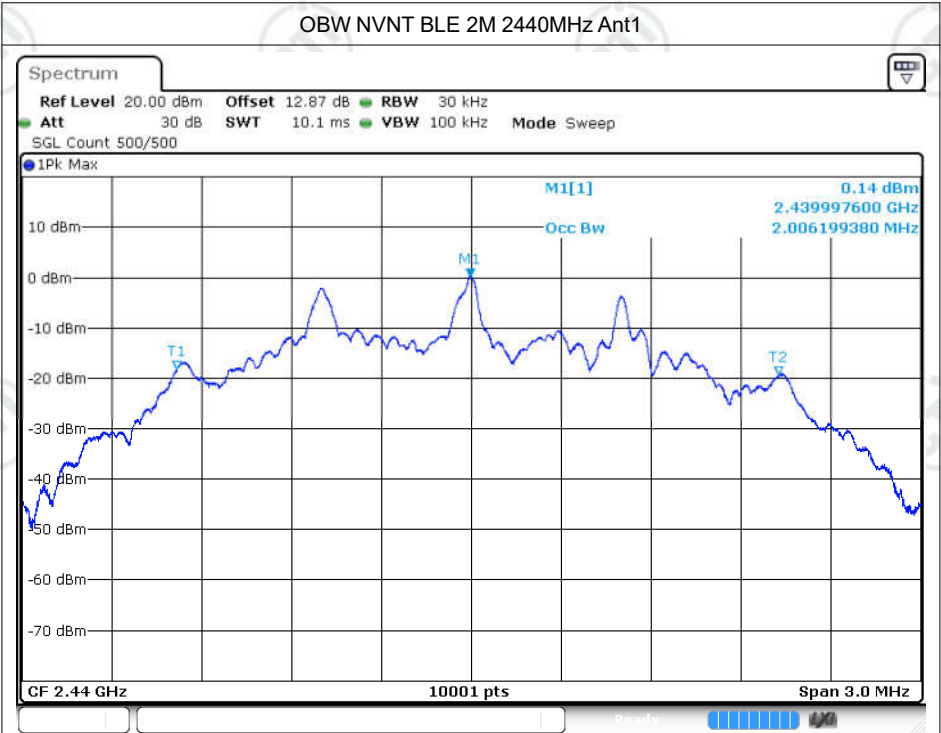


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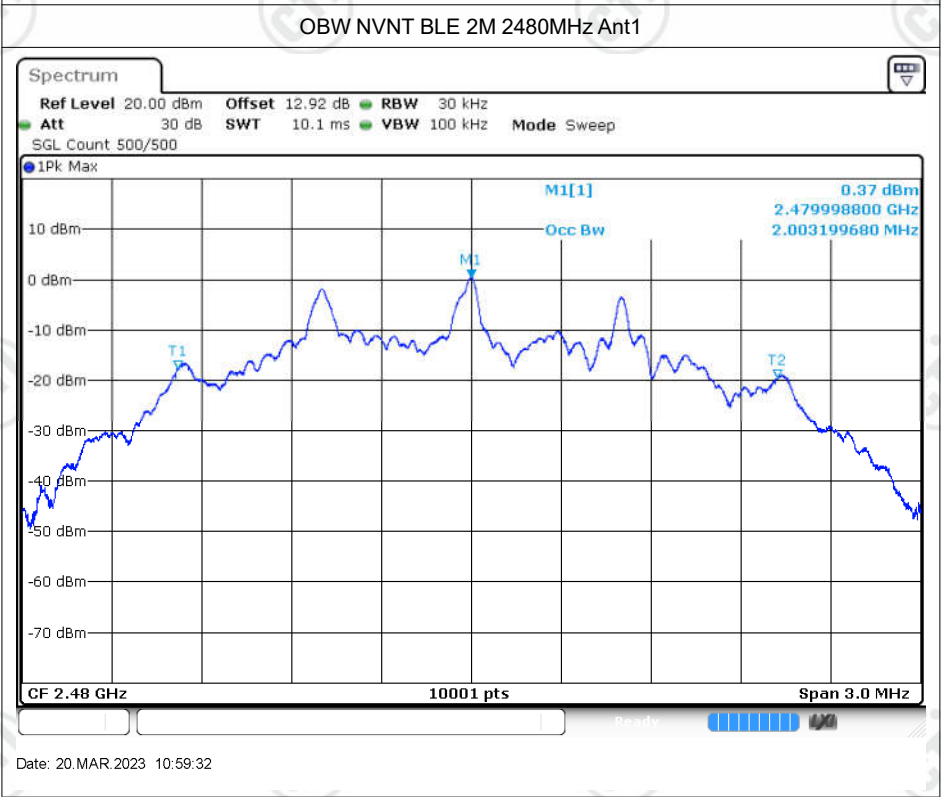
Ear R:







Date: 20. MAR 2023 10:57:52



Date: 20. MAR 2023 10:59:32

Maximum Power Spectral Density Level

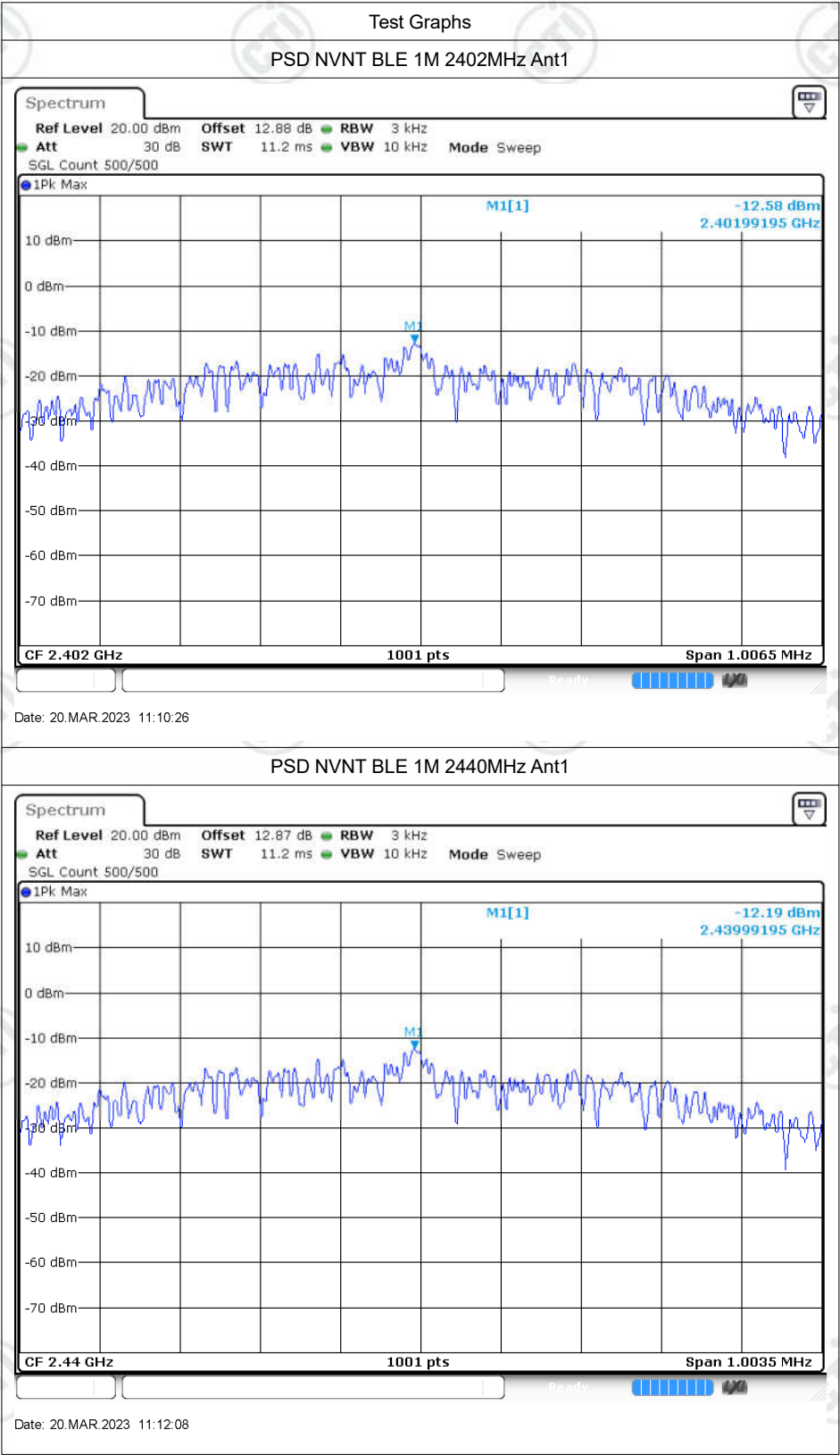
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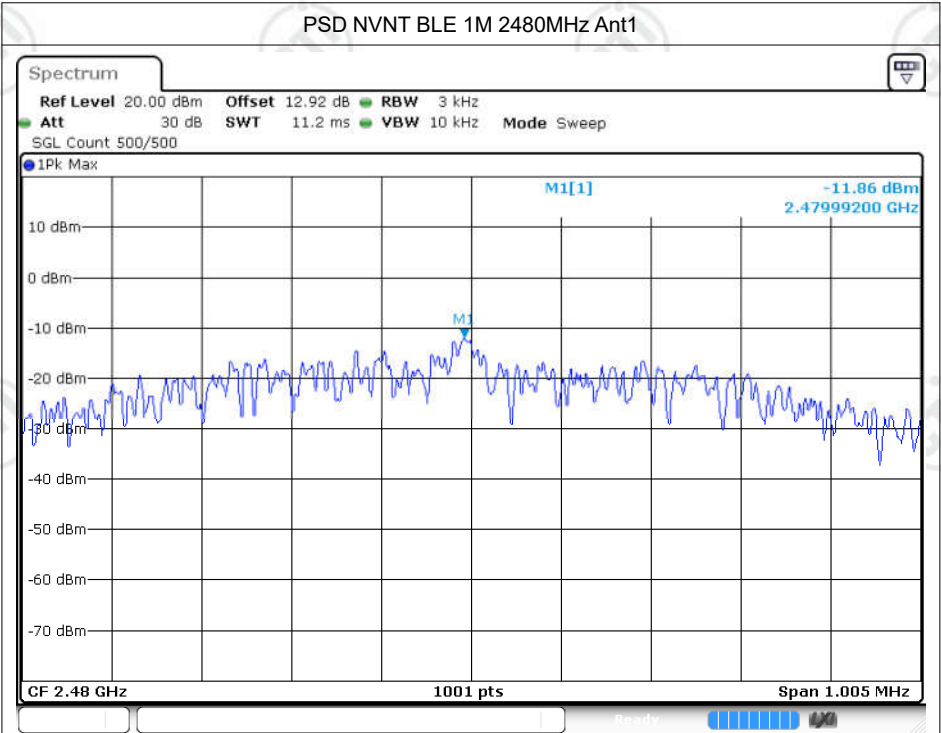
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.58	0	-12.58	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.19	0	-12.19	8	Pass
NVNT	BLE 1M	2480	Ant1	-11.86	0	-11.86	8	Pass
NVNT	BLE 2M	2402	Ant1	-8.2	0	-8.2	8	Pass
NVNT	BLE 2M	2440	Ant1	-7.85	0	-7.85	8	Pass
NVNT	BLE 2M	2480	Ant1	-7.5	0	-7.5	8	Pass

Ear R:

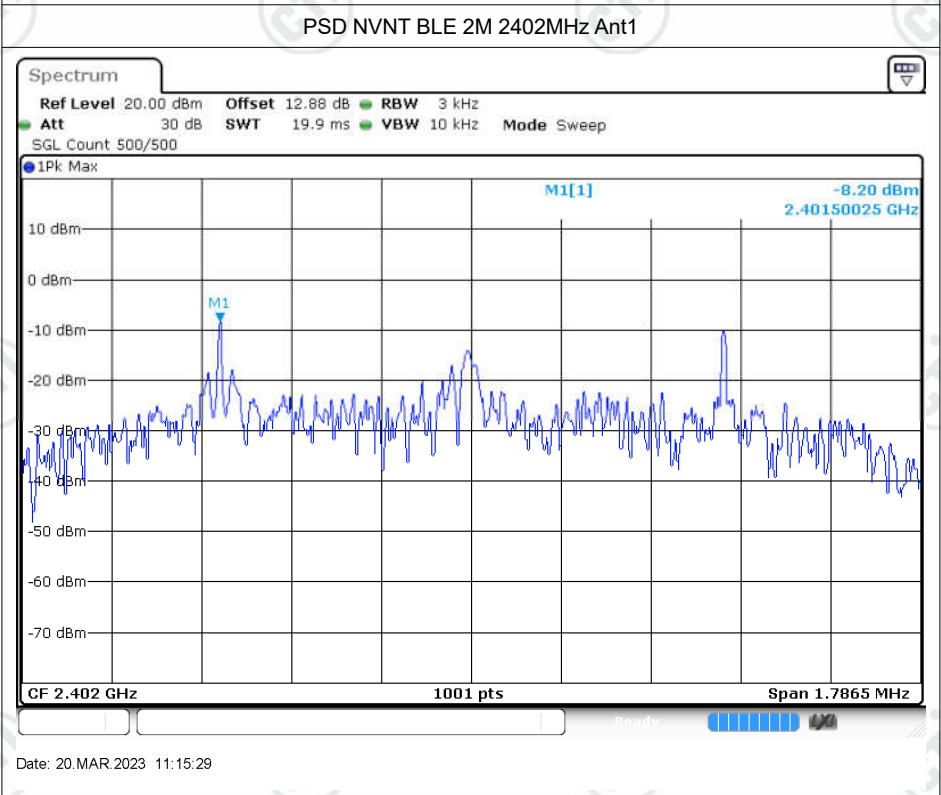
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-13.08	0	-13.08	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.65	0	-12.65	8	Pass
NVNT	BLE 1M	2480	Ant1	-12.51	0	-12.51	8	Pass
NVNT	BLE 2M	2402	Ant1	-8.6	0	-8.6	8	Pass
NVNT	BLE 2M	2440	Ant1	-8.28	0	-8.28	8	Pass
NVNT	BLE 2M	2480	Ant1	-8.06	0	-8.06	8	Pass

Ear L:

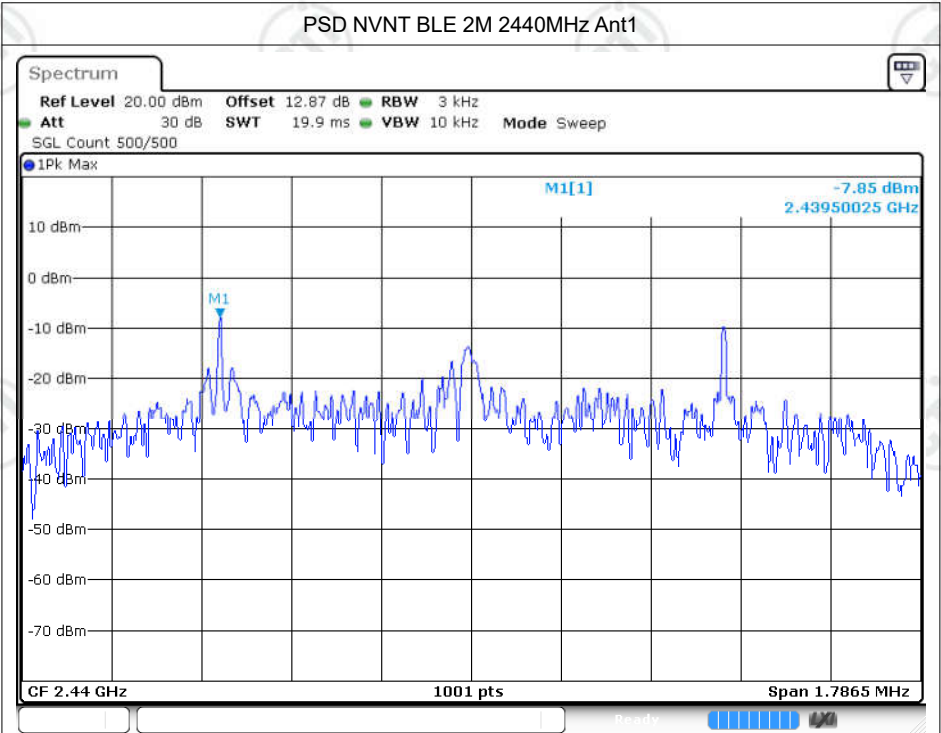




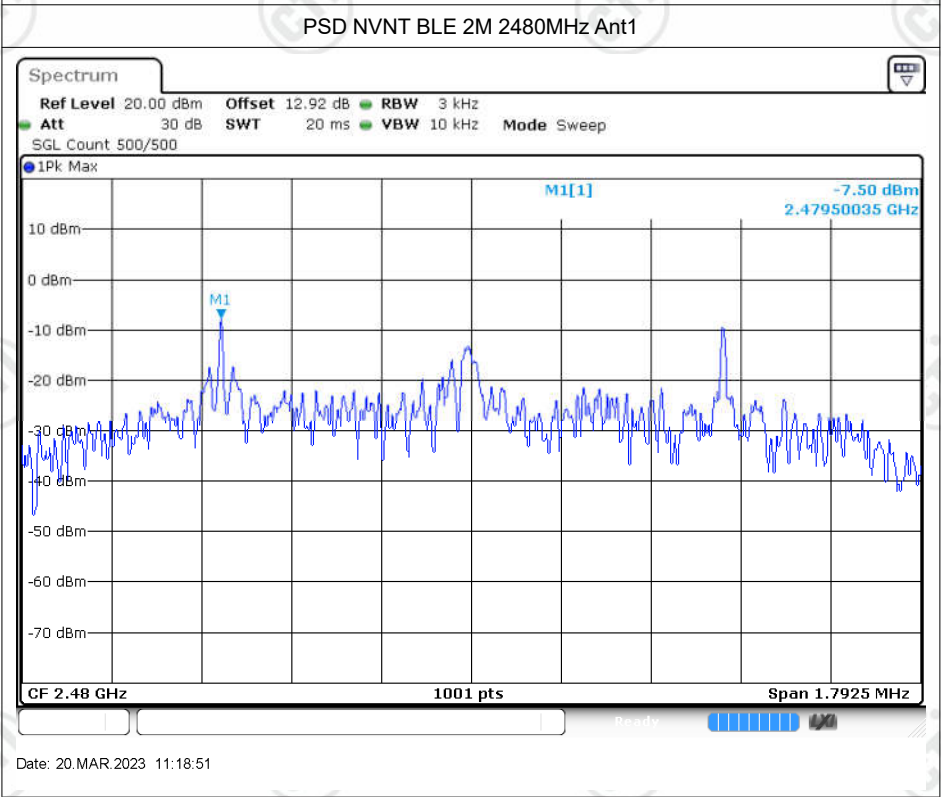
Date: 20.MAR.2023 11:13:44



Date: 20.MAR.2023 11:15:29

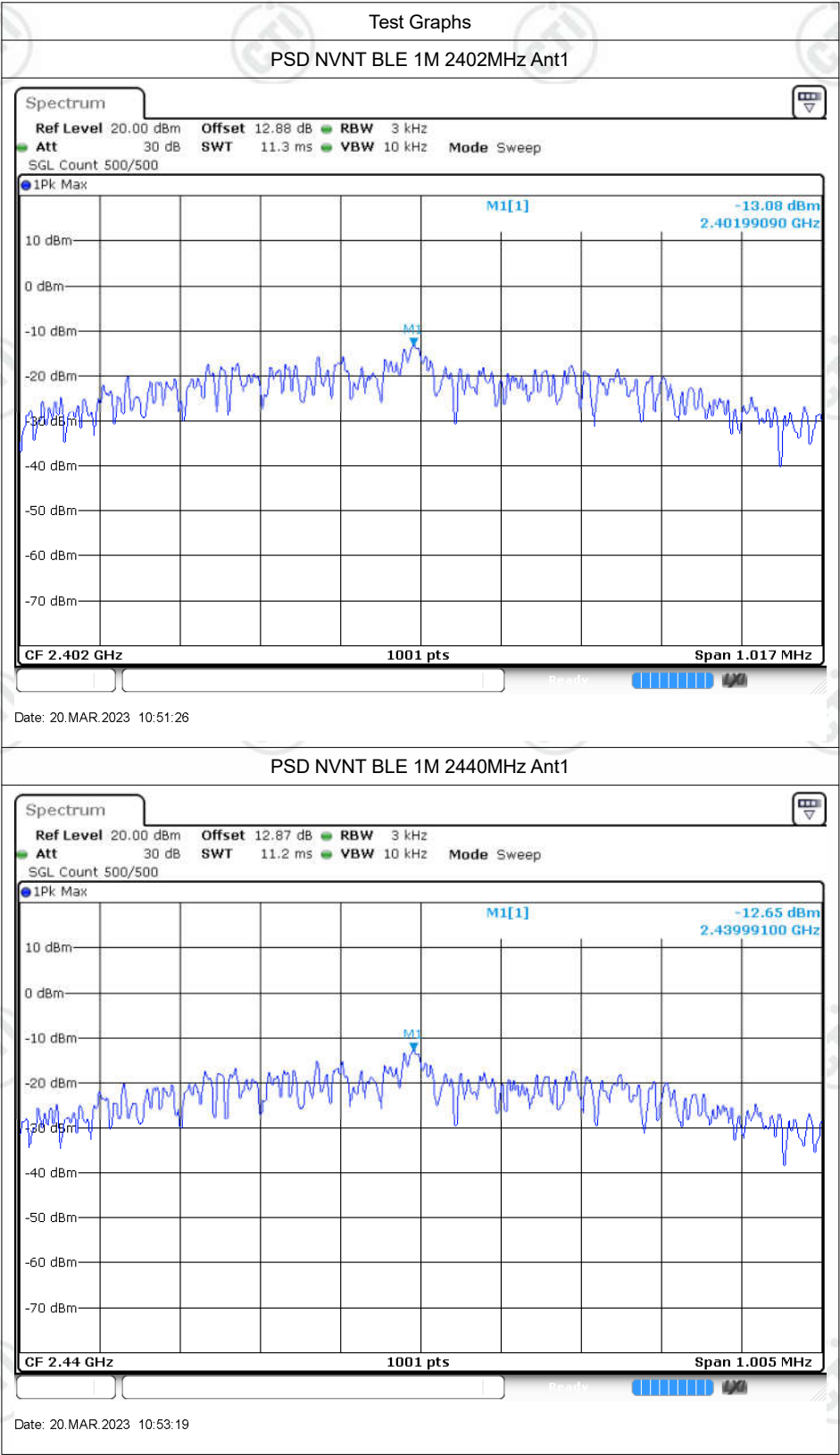


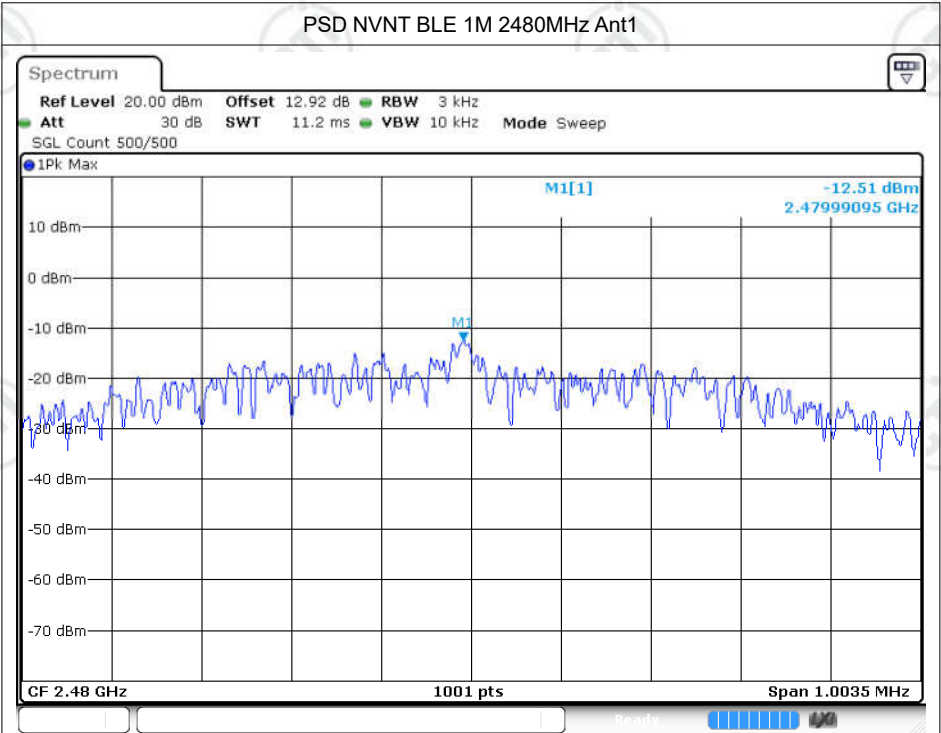
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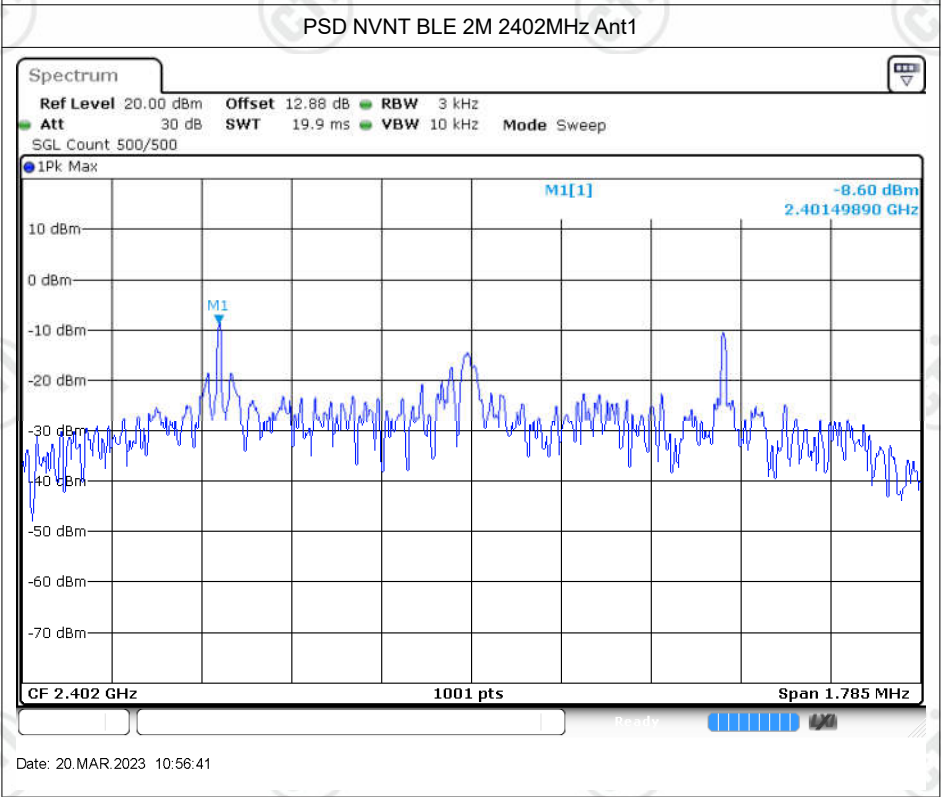
Date: 20.MAR.2023 11:18:51

Ear R:

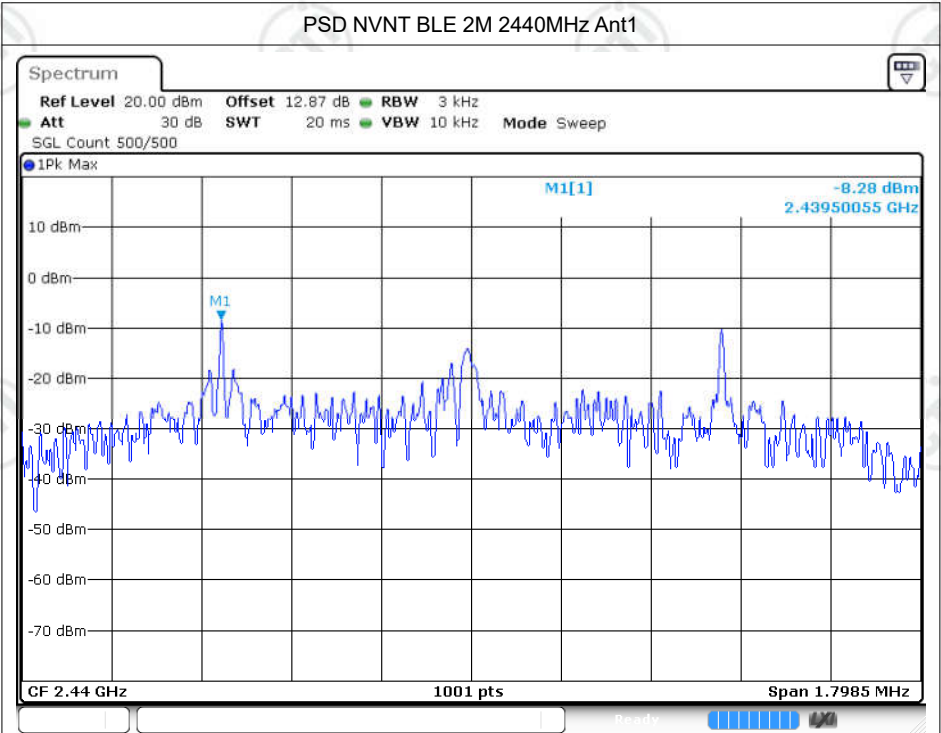




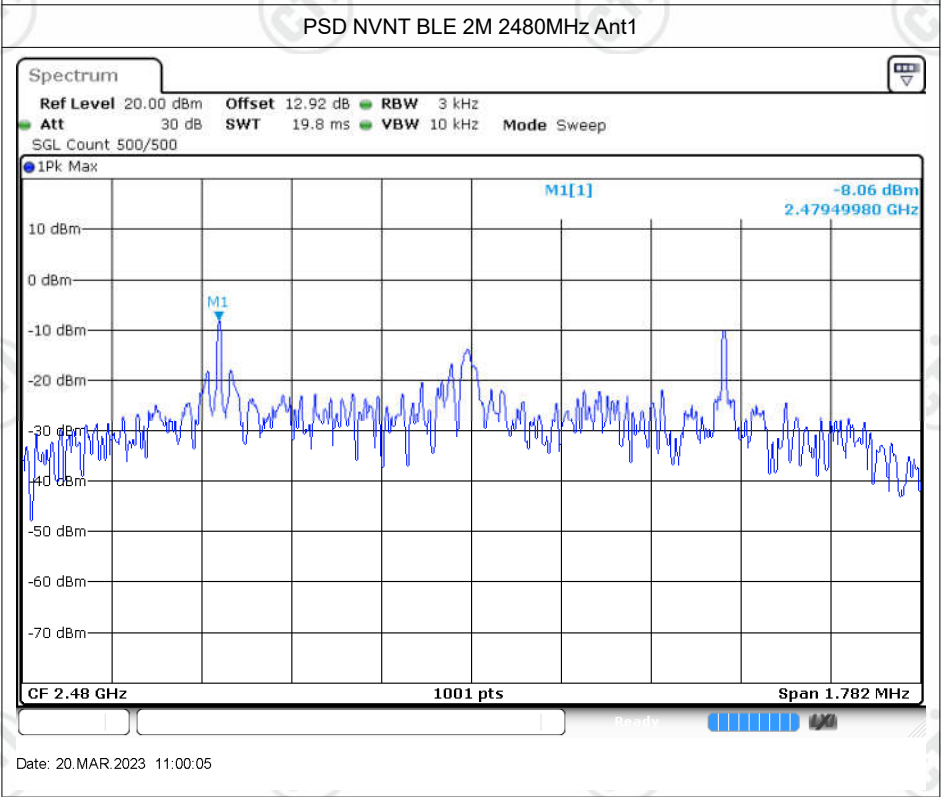
Date: 20. MAR 2023 10:54:54



Date: 20. MAR 2023 10:56:41



Date: 20. MAR 2023 10:58:25



Date: 20. MAR 2023 11:00:05

Band Edge

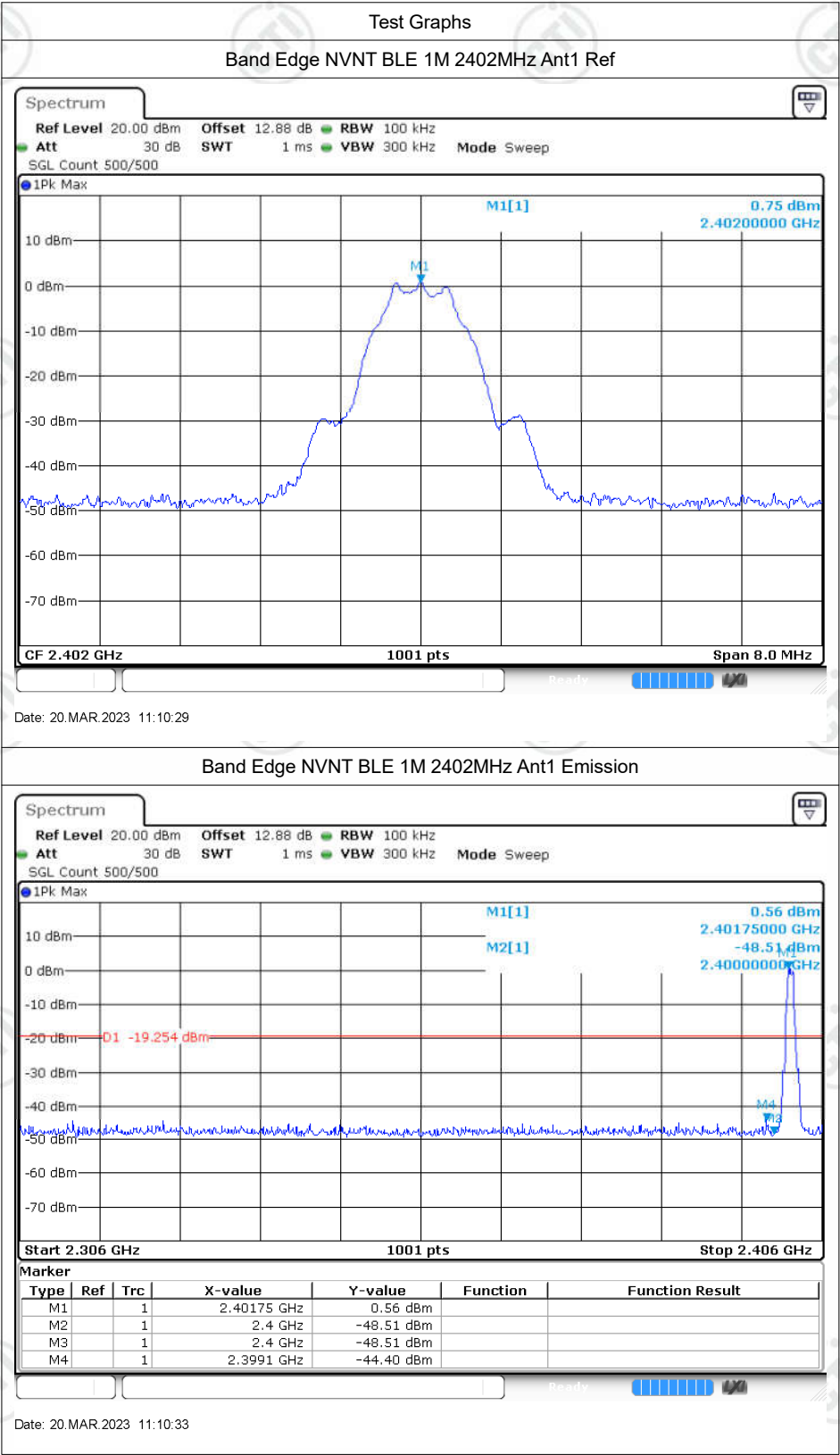
Ear L:

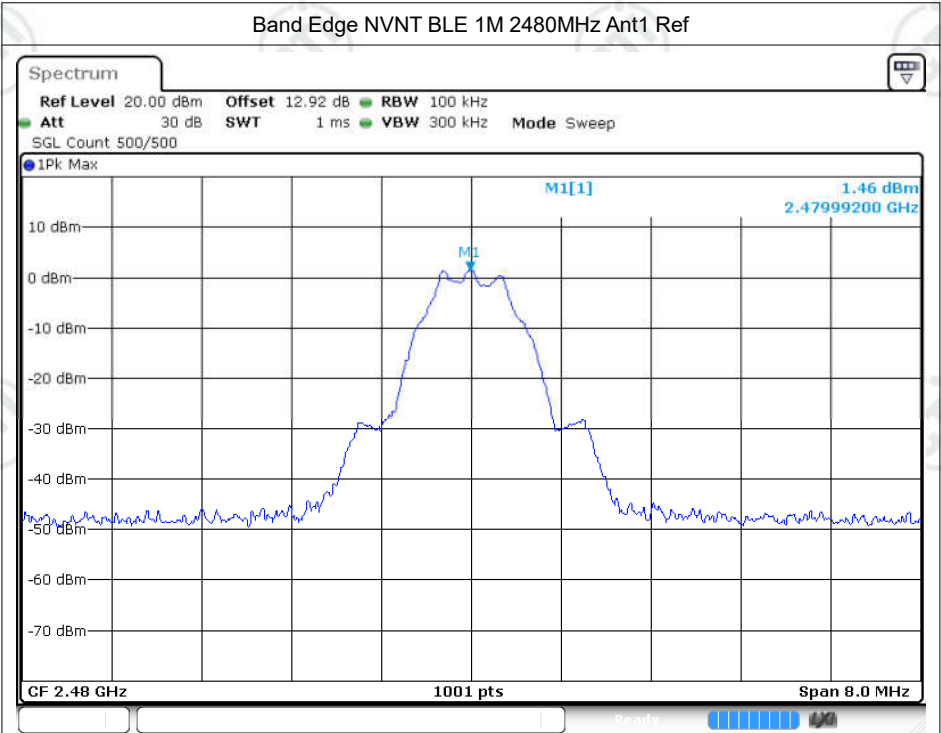
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.15	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.25	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.81	-20	Pass
NVNT	BLE 2M	2480	Ant1	-46.79	-20	Pass

Ear R:

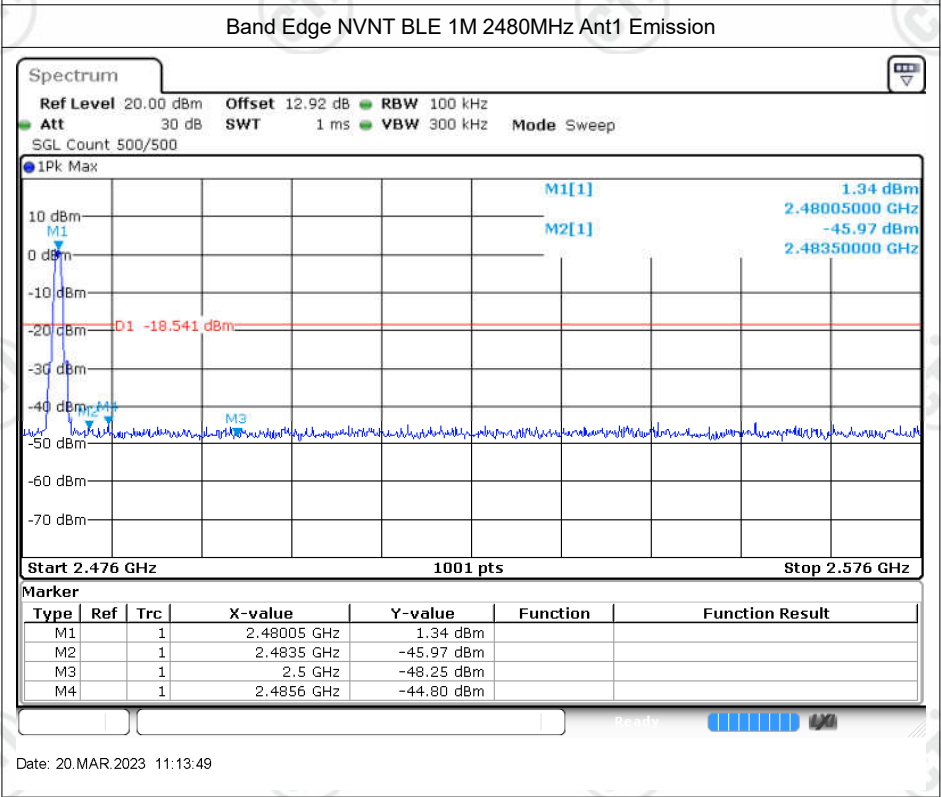
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NVNT	BLE 1M	2402	Ant1	-45.43	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.53	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.16	-20	Pass
NVNT	BLE 2M	2480	Ant1	-46.11	-20	Pass

Ear L:

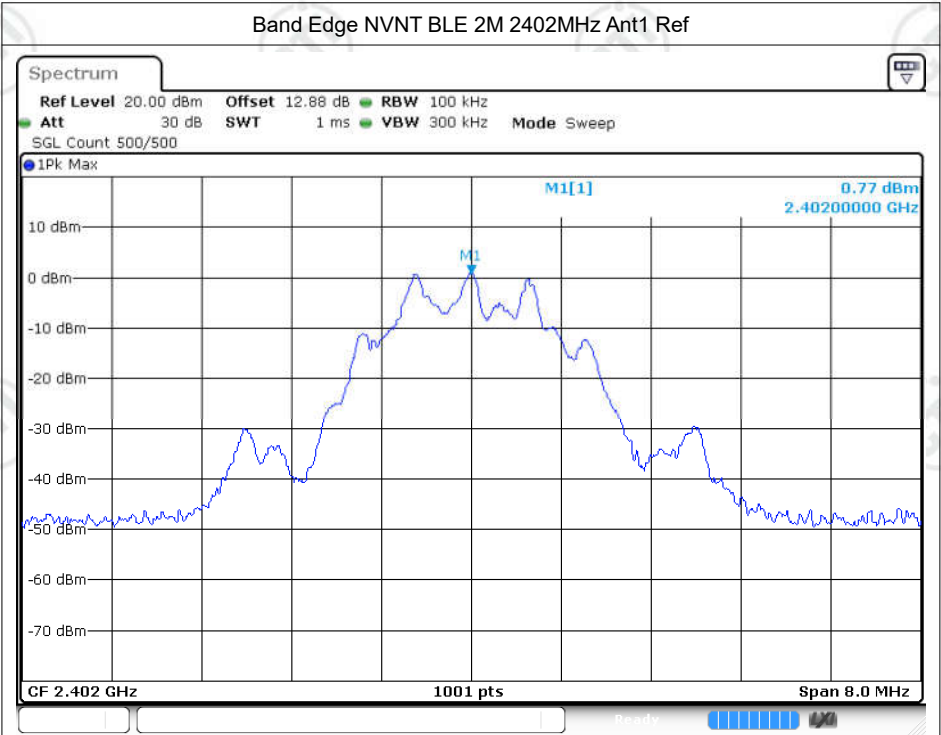




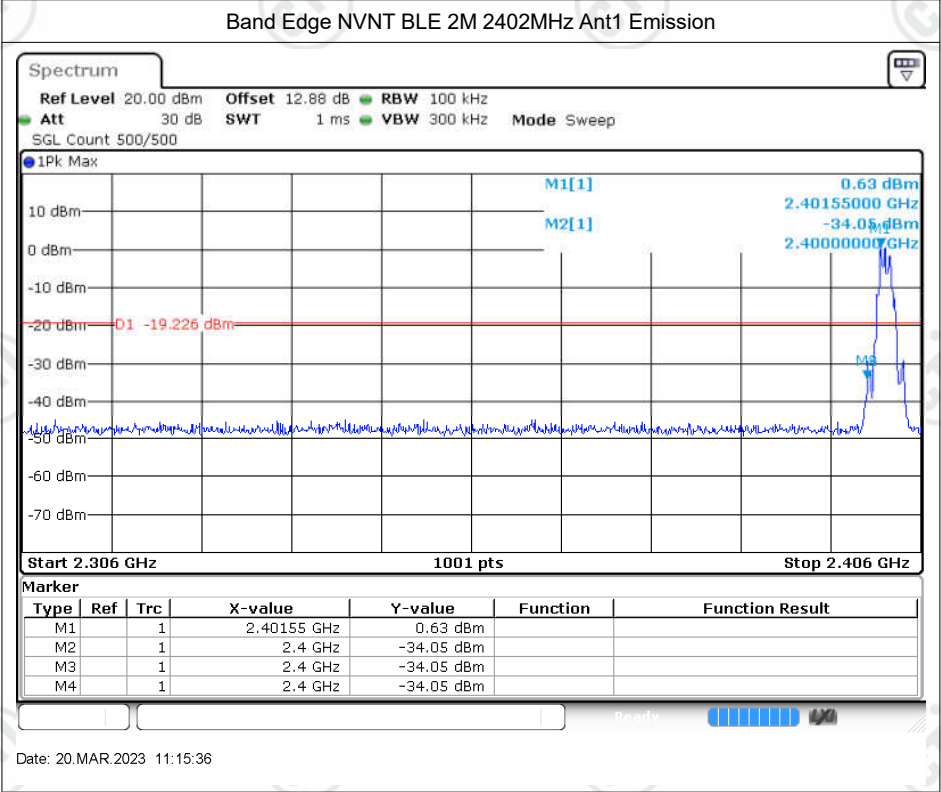
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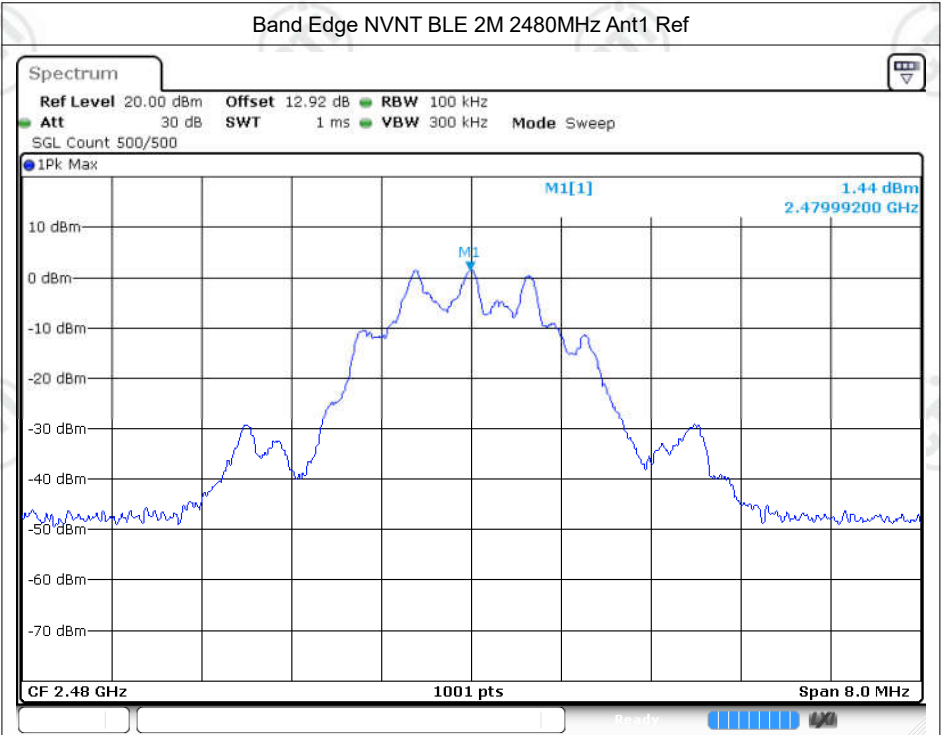
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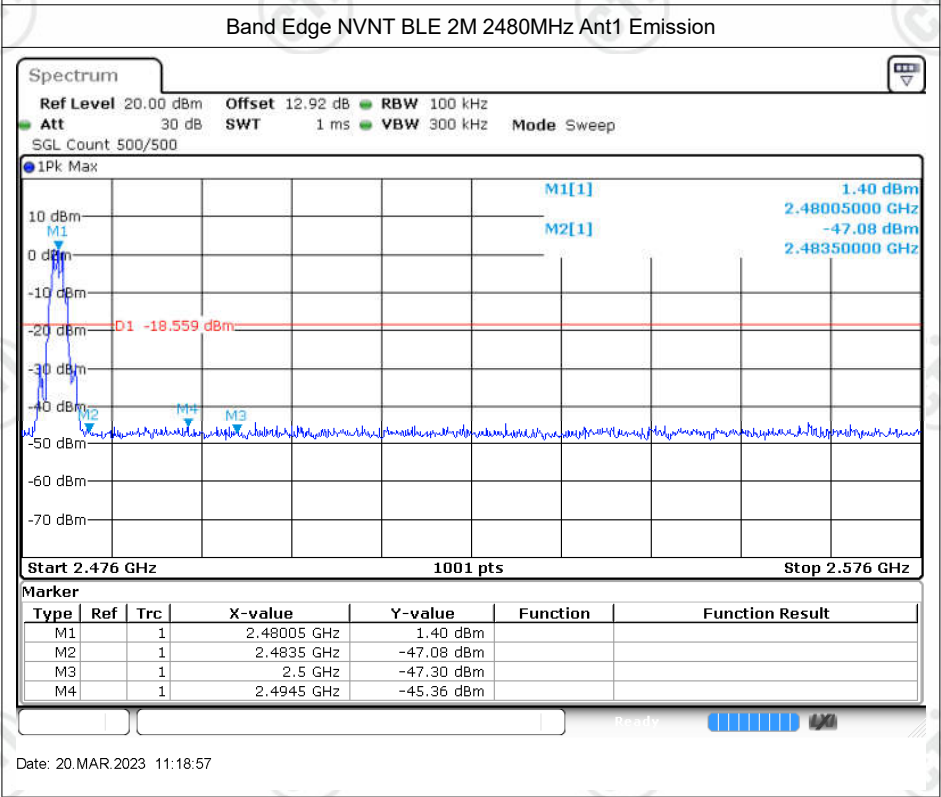
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Date: 20.MAR.2023 11:15:36

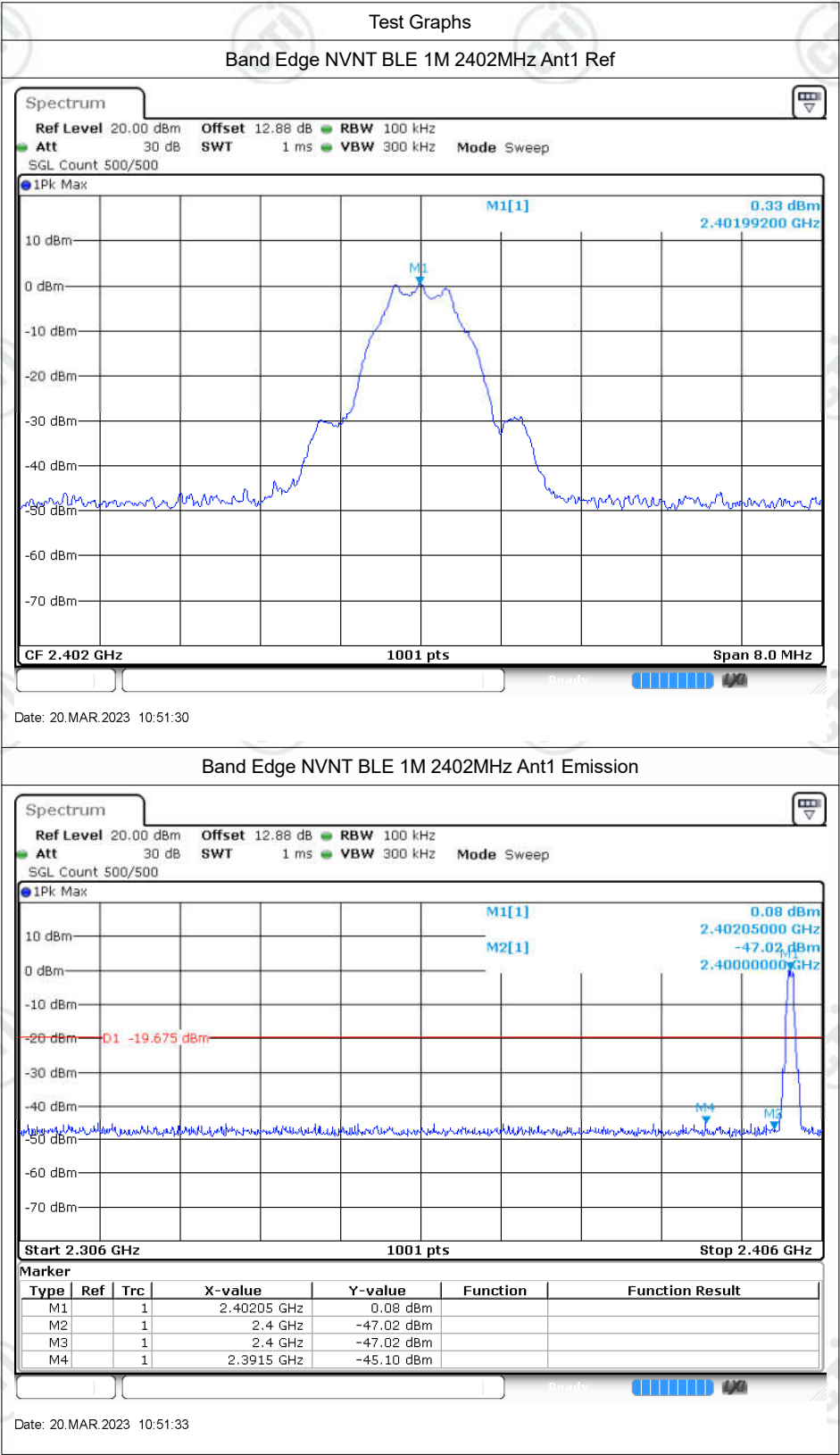


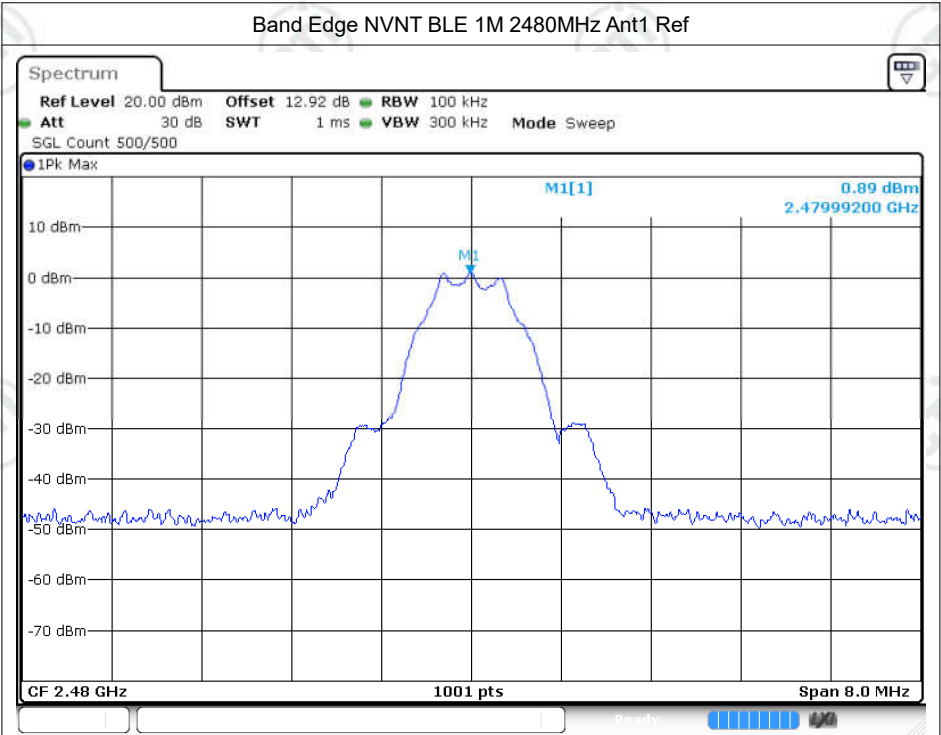
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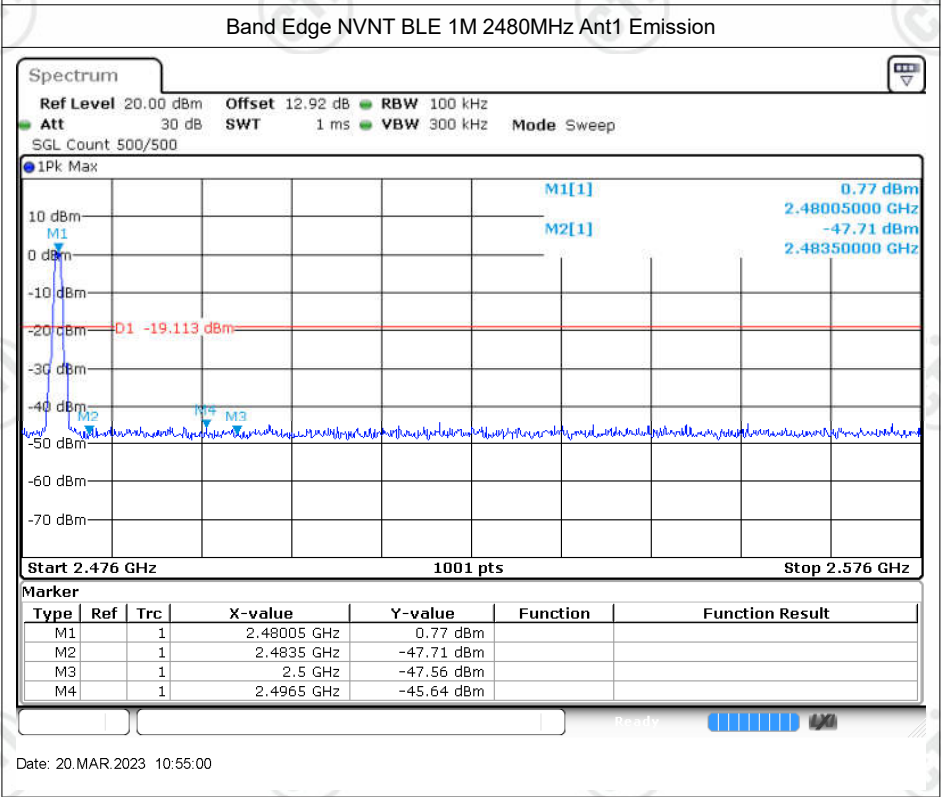
Date: 20.MAR.2023 11:18:57

Ear R:

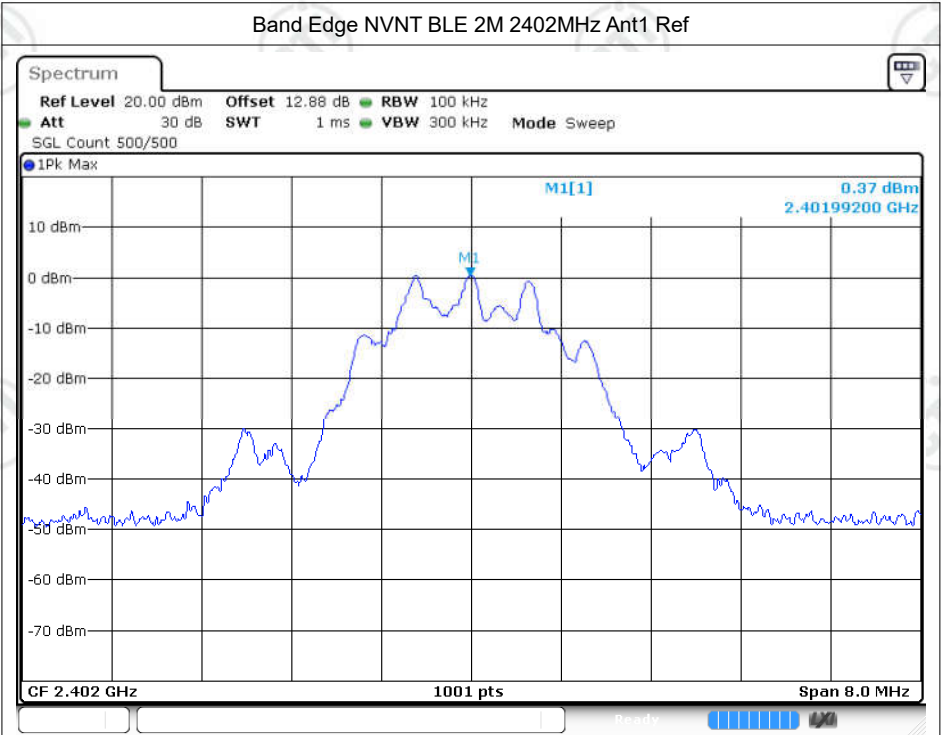




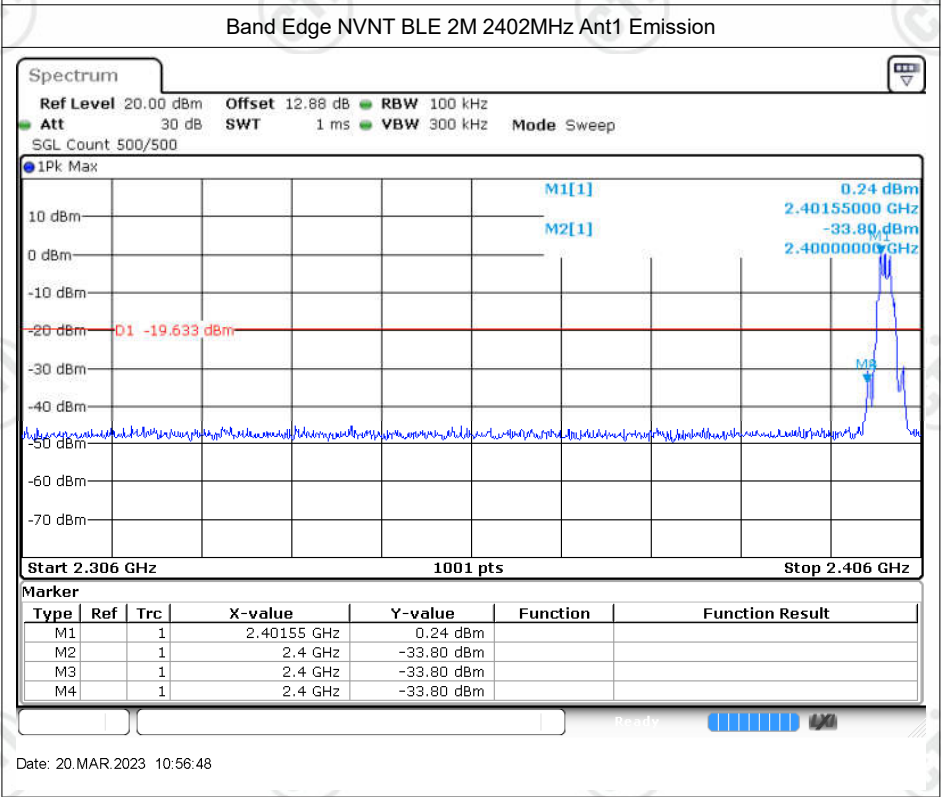
Date: 20.MAR.2023 10:54:58

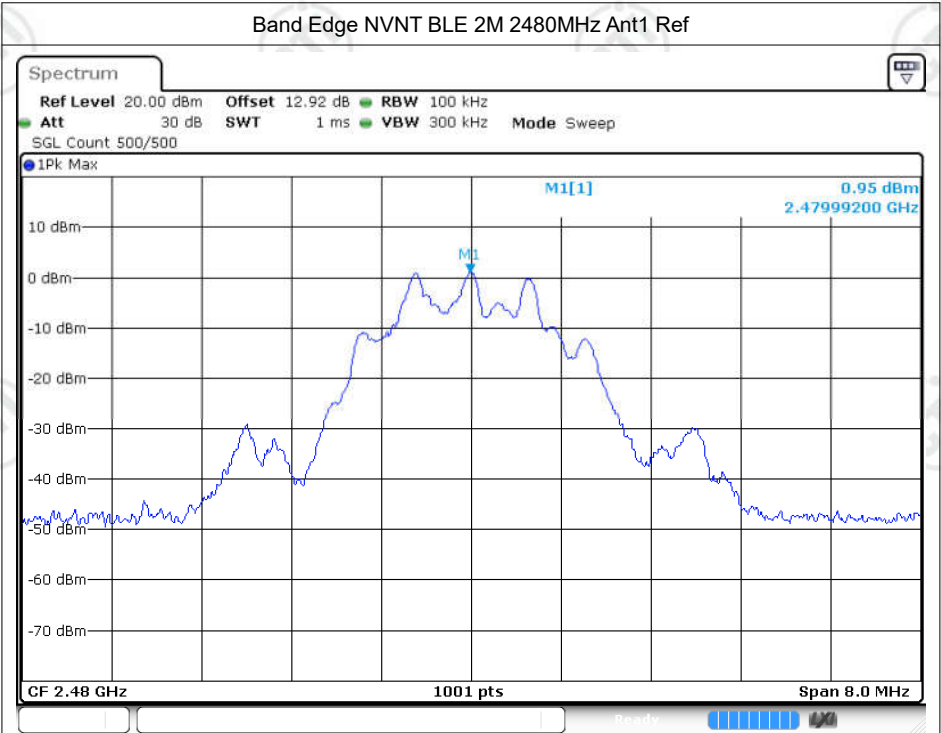


Date: 20.MAR.2023 10:55:00

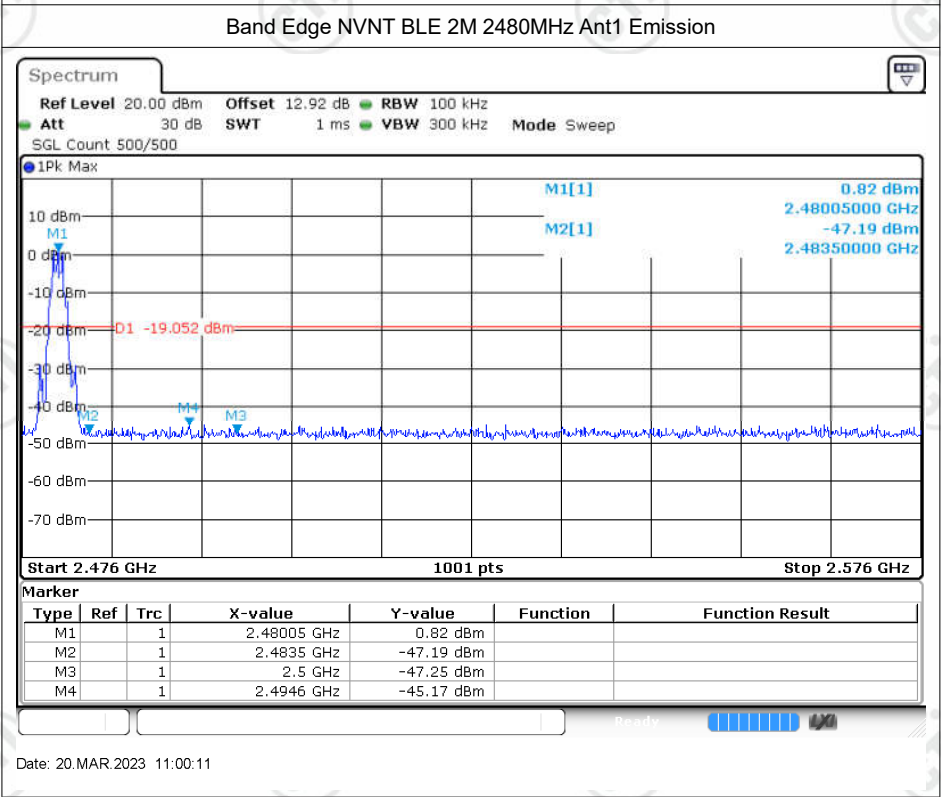


Date: 20.MAR.2023 10:56:44





Date: 20.MAR.2023 11:00:09



Date: 20.MAR.2023 11:00:11

Conducted RF Spurious Emission

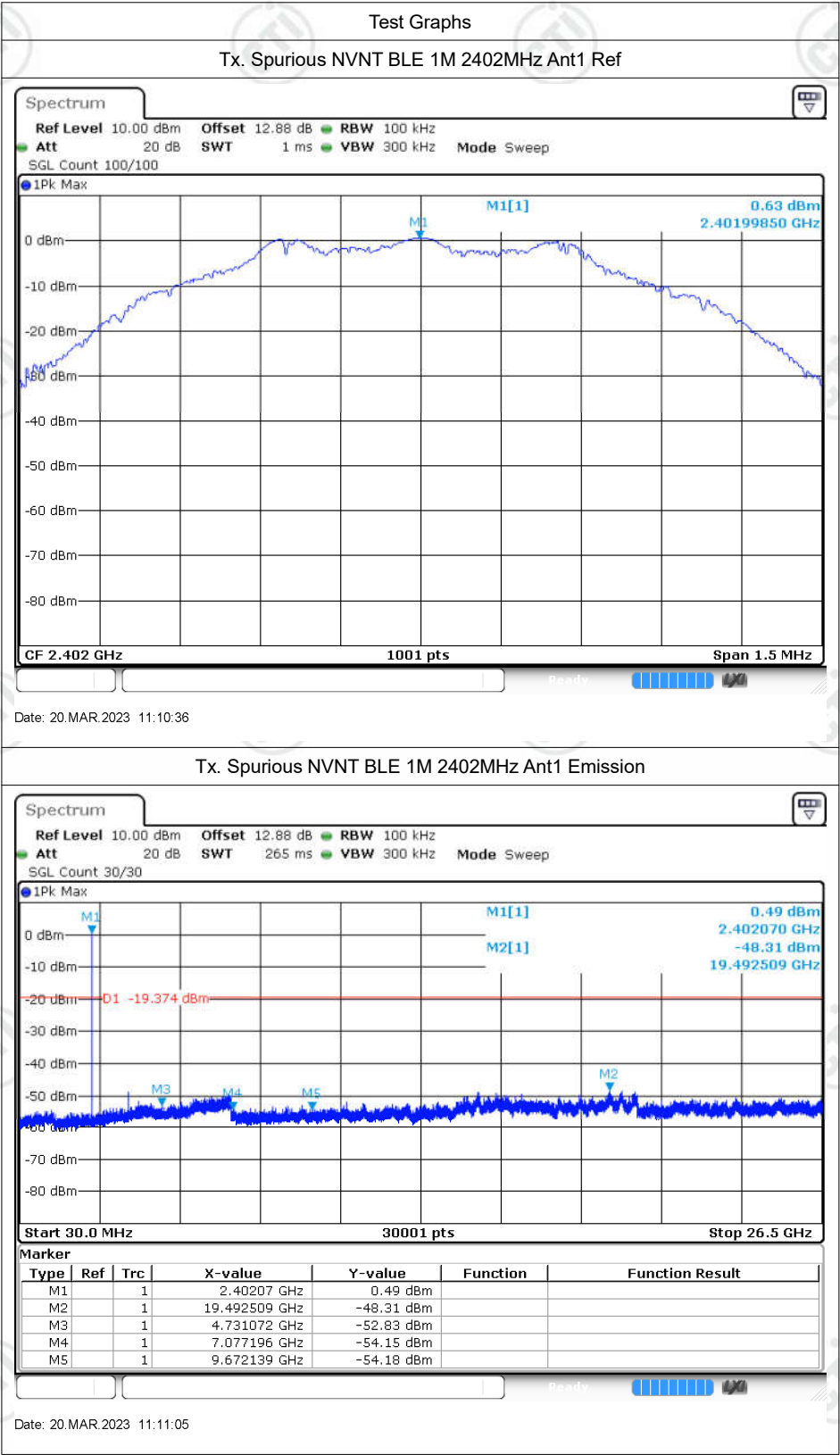
Ear L:

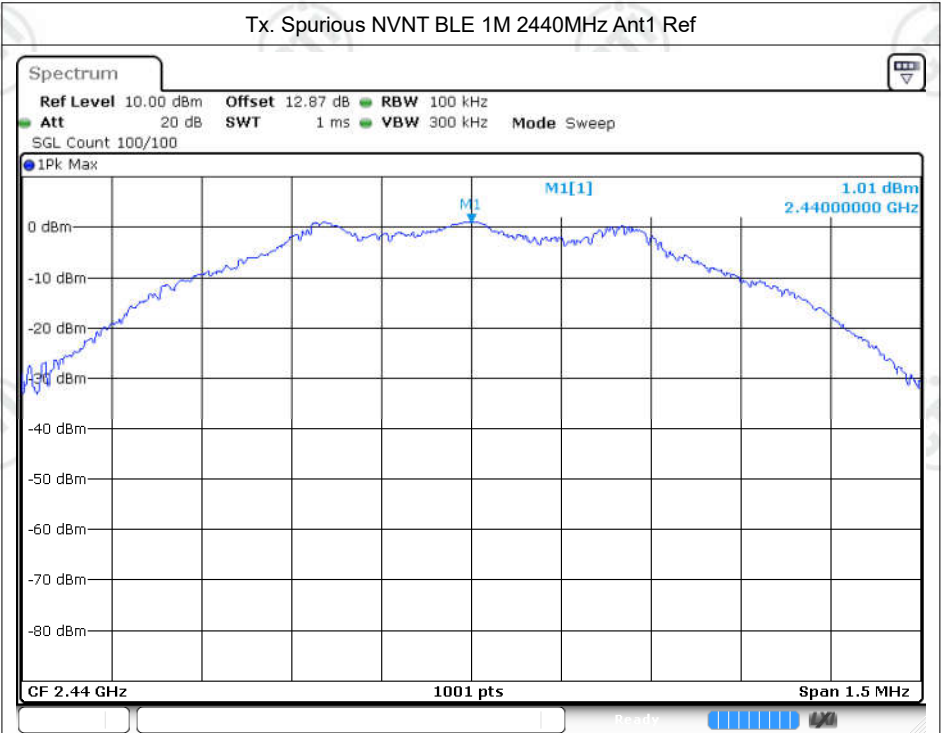
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.94	-20	Pass
NVNT	BLE 1M	2440	Ant1	-49.74	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.02	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.26	-20	Pass
NVNT	BLE 2M	2440	Ant1	-49.63	-20	Pass
NVNT	BLE 2M	2480	Ant1	-49.74	-20	Pass

Ear R:

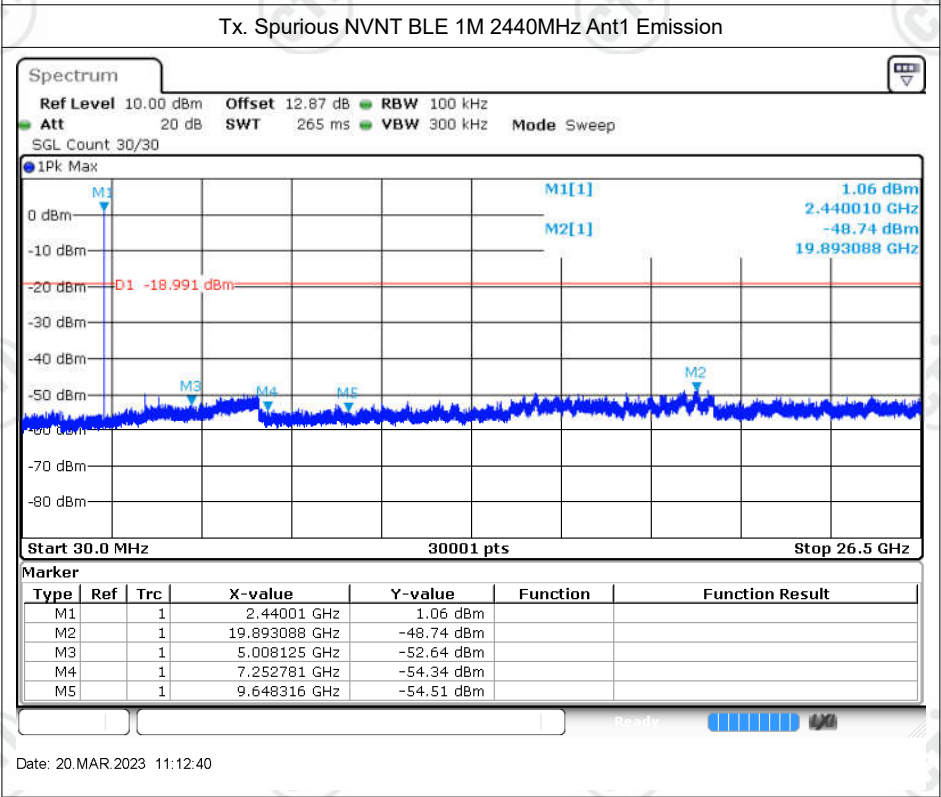
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.36	-20	Pass
NVNT	BLE 1M	2440	Ant1	-48.77	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.21	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.22	-20	Pass
NVNT	BLE 2M	2440	Ant1	-49.05	-20	Pass
NVNT	BLE 2M	2480	Ant1	-48.4	-20	Pass

Ear L:

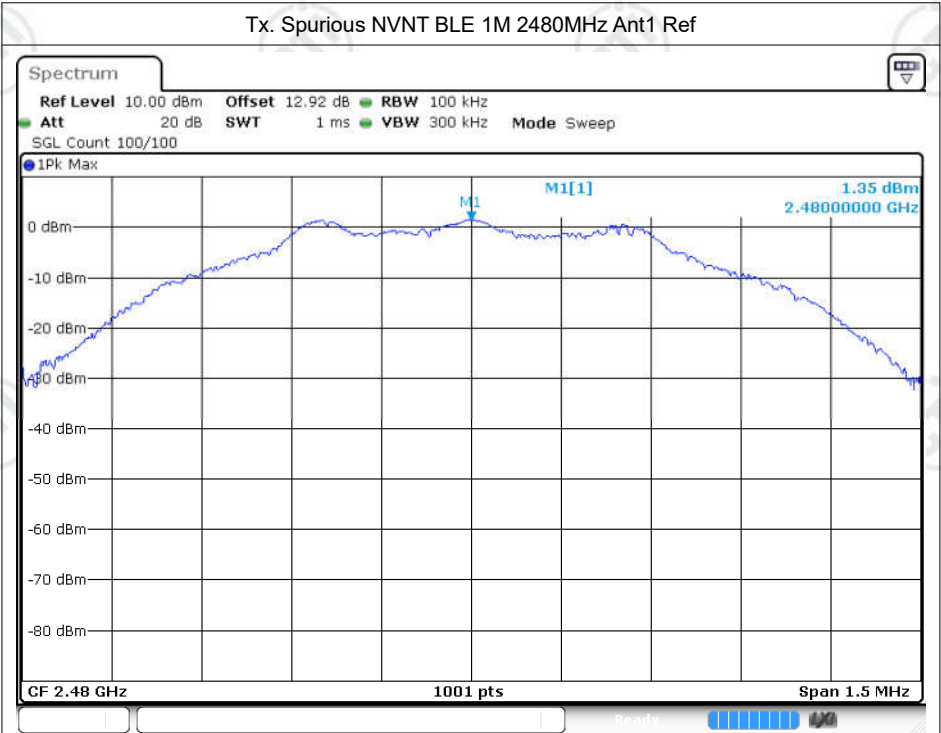




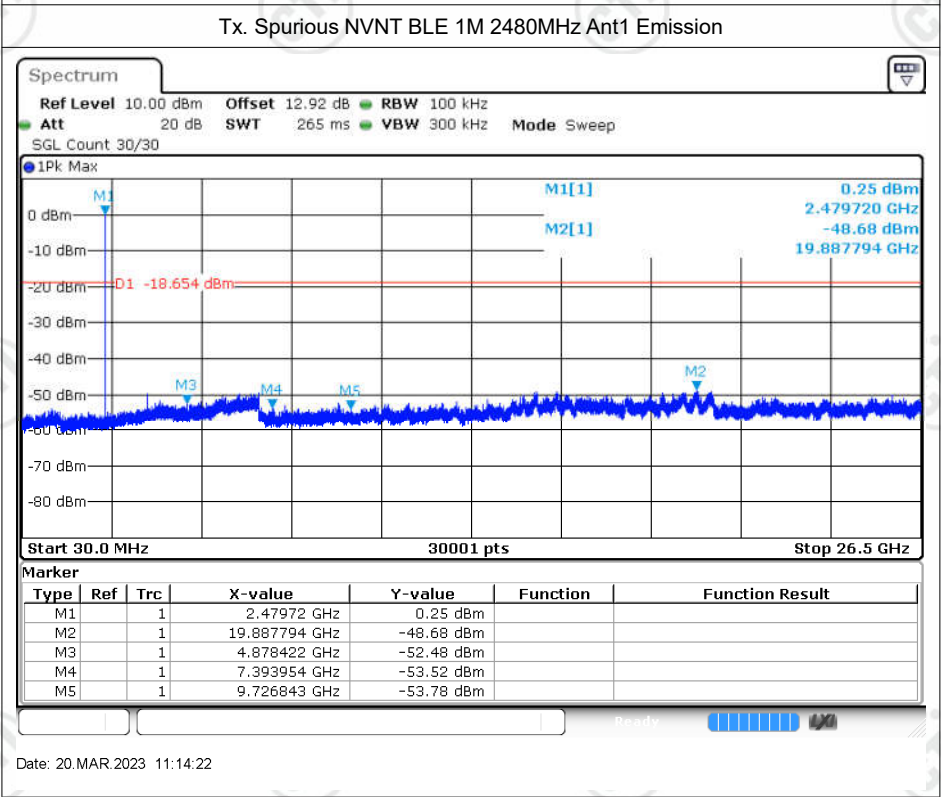
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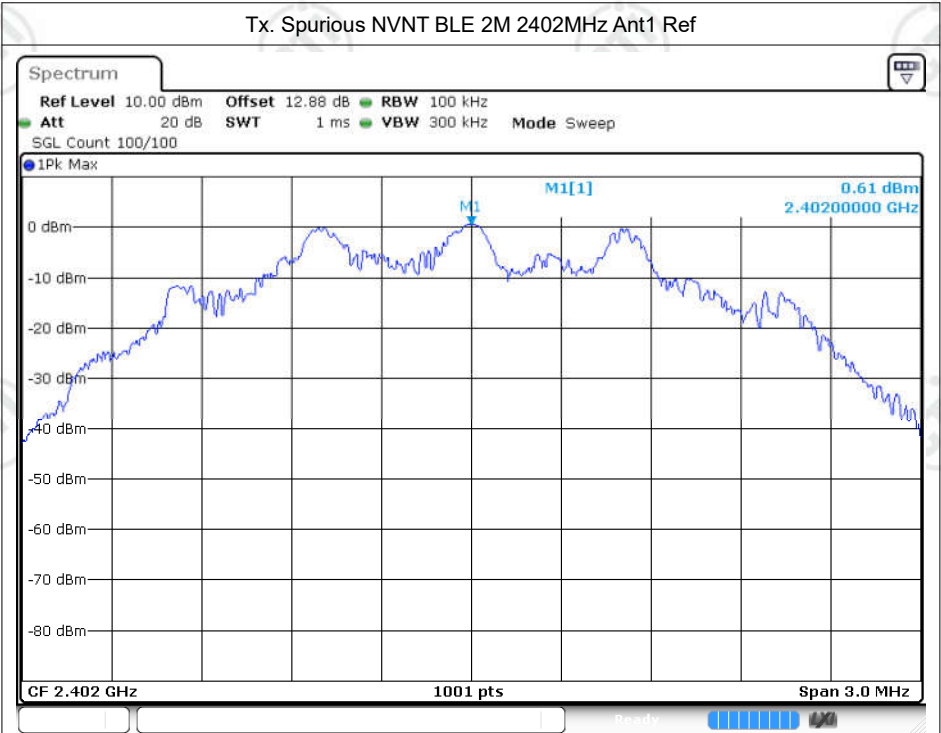
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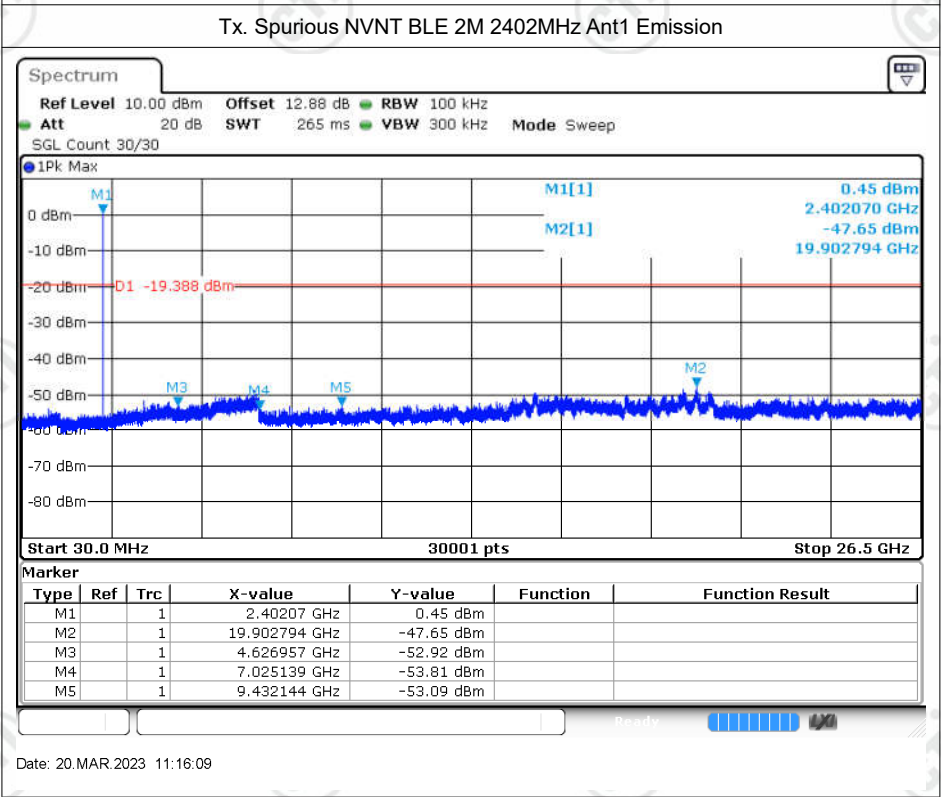
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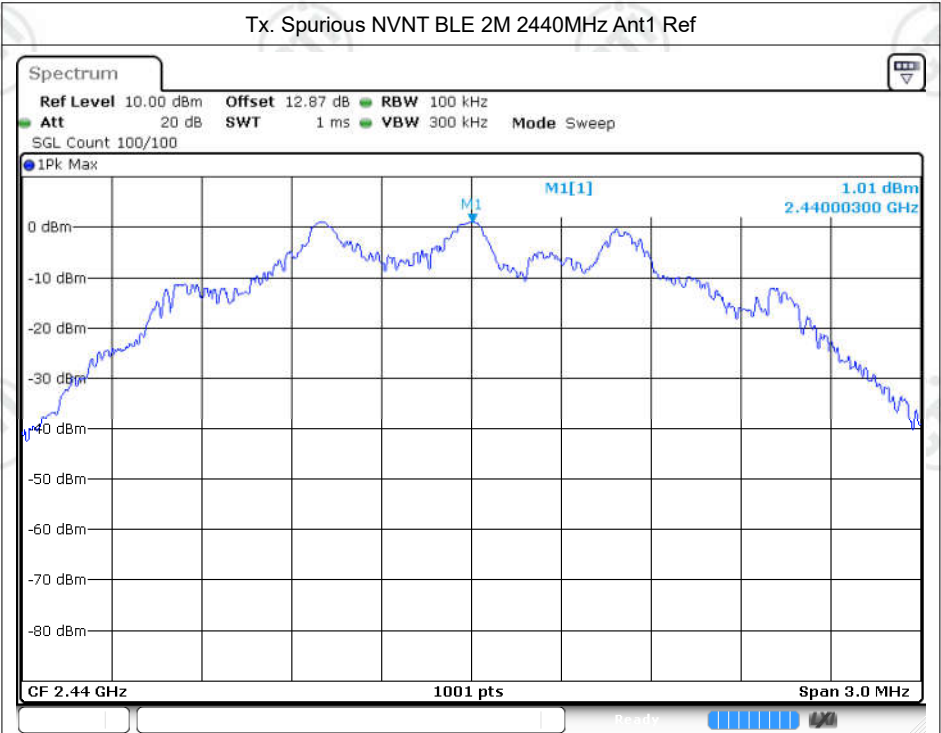
Date: 20.MAR.2023 11:14:22



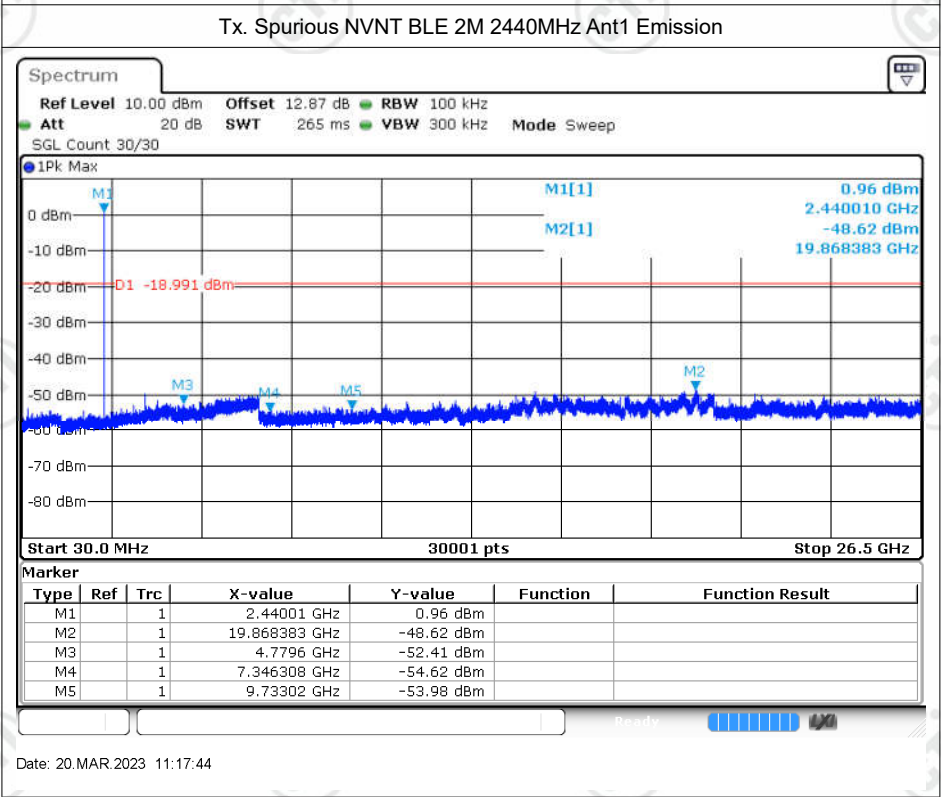
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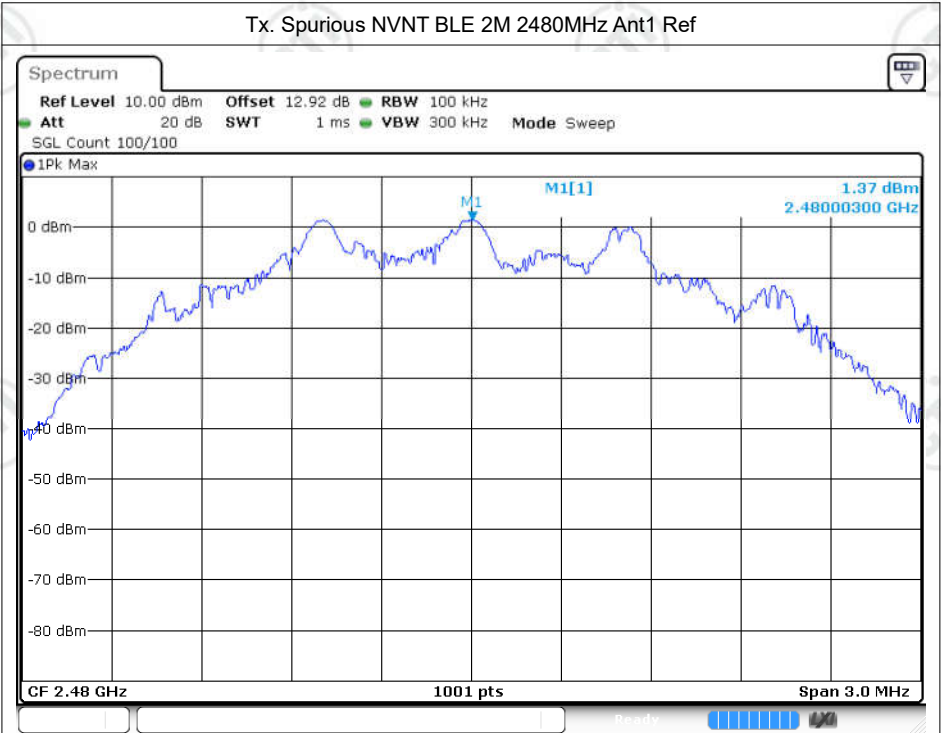


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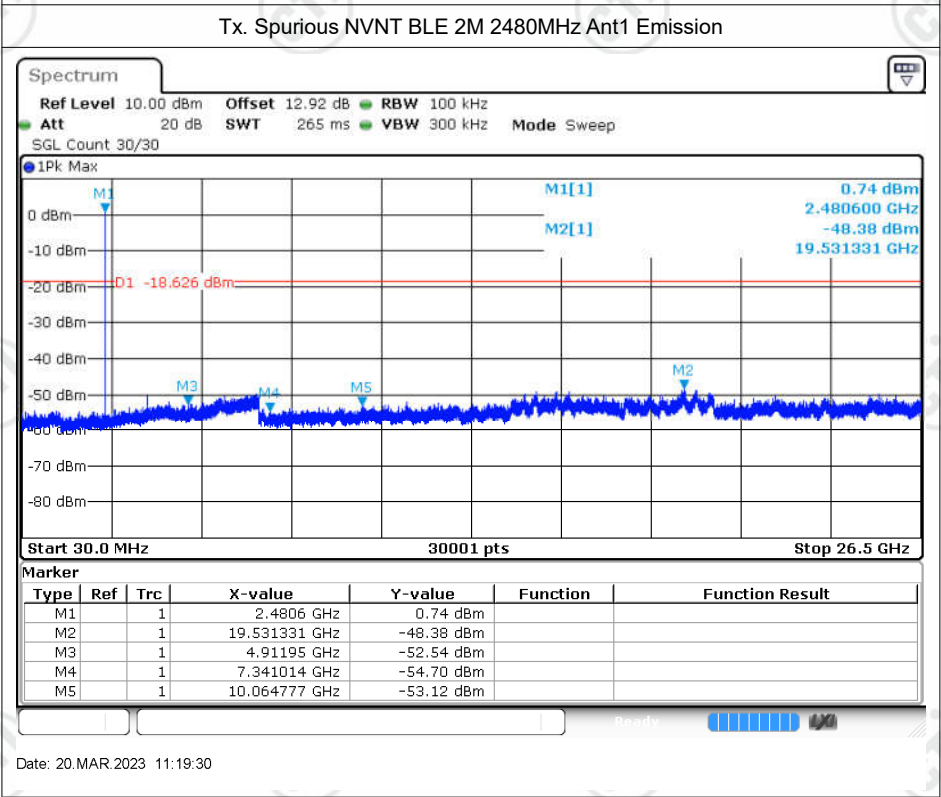


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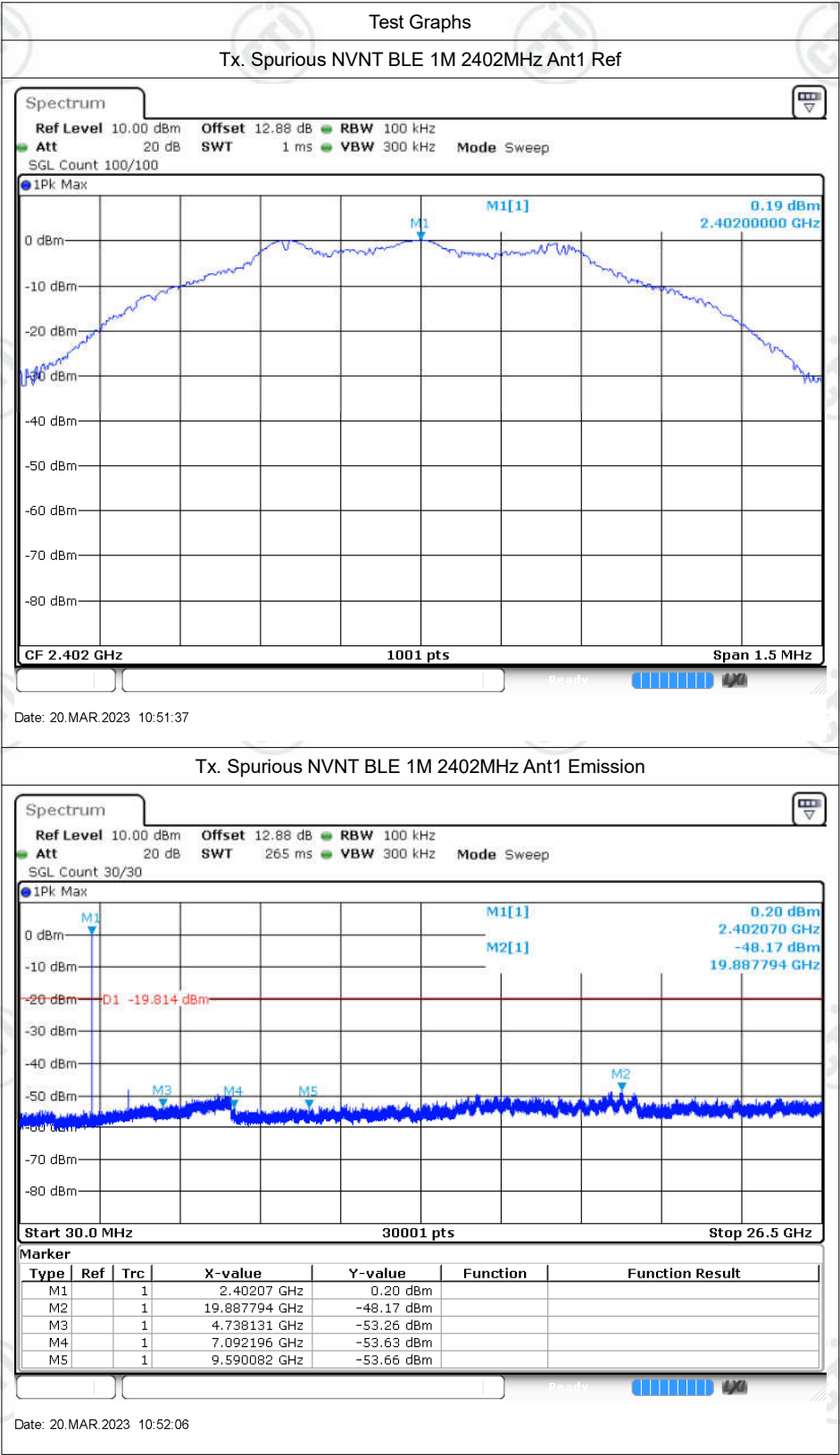


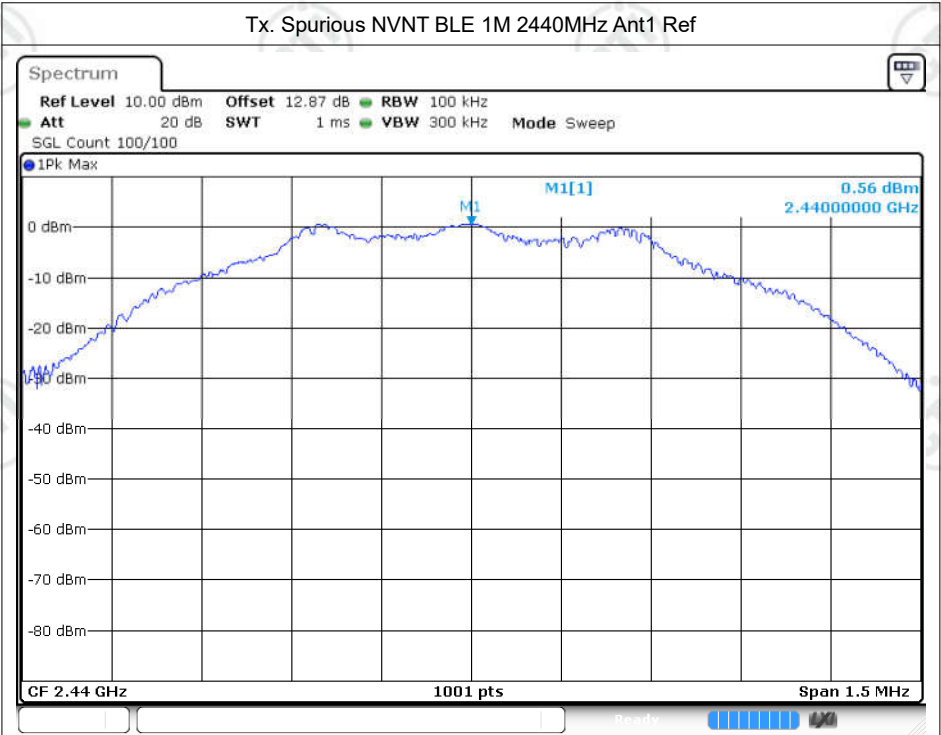
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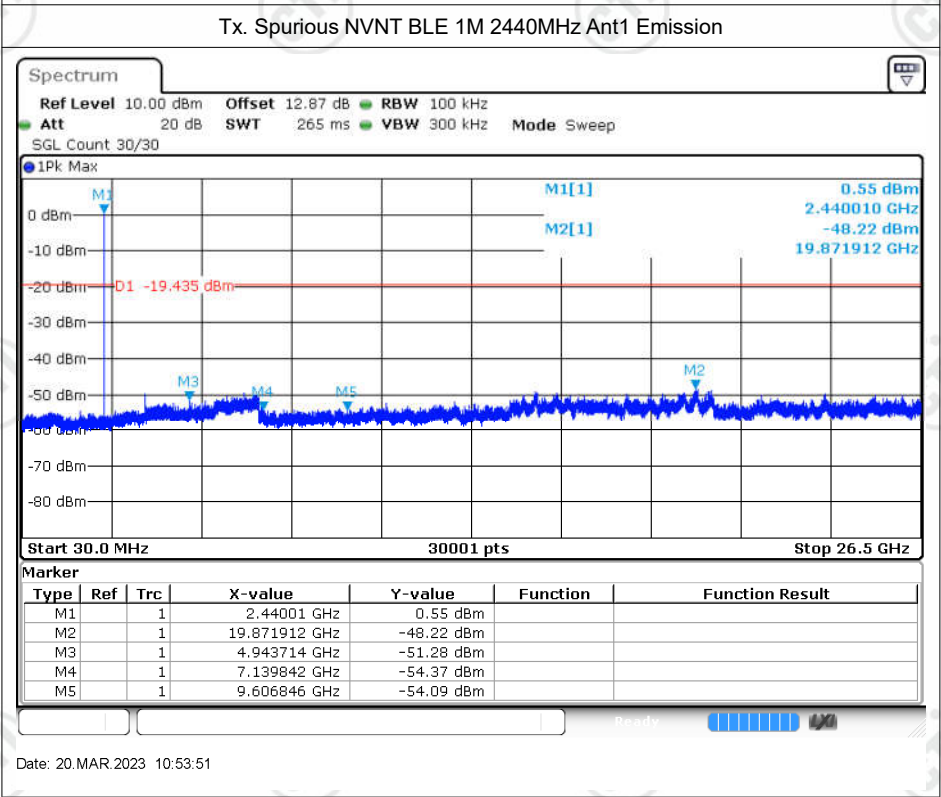
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Ear R:

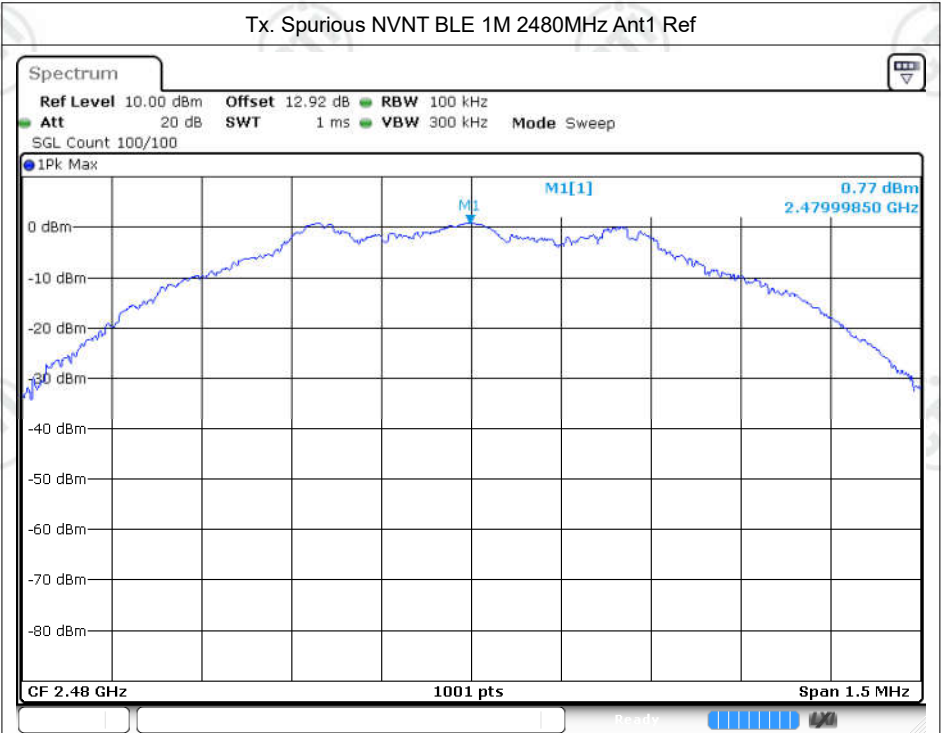




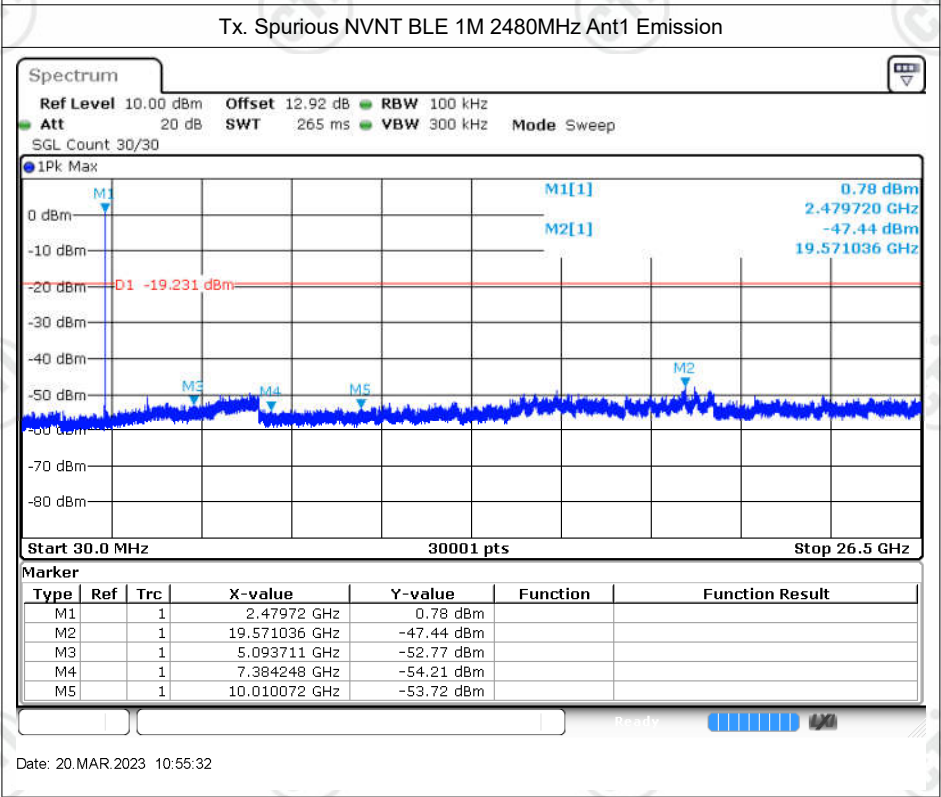
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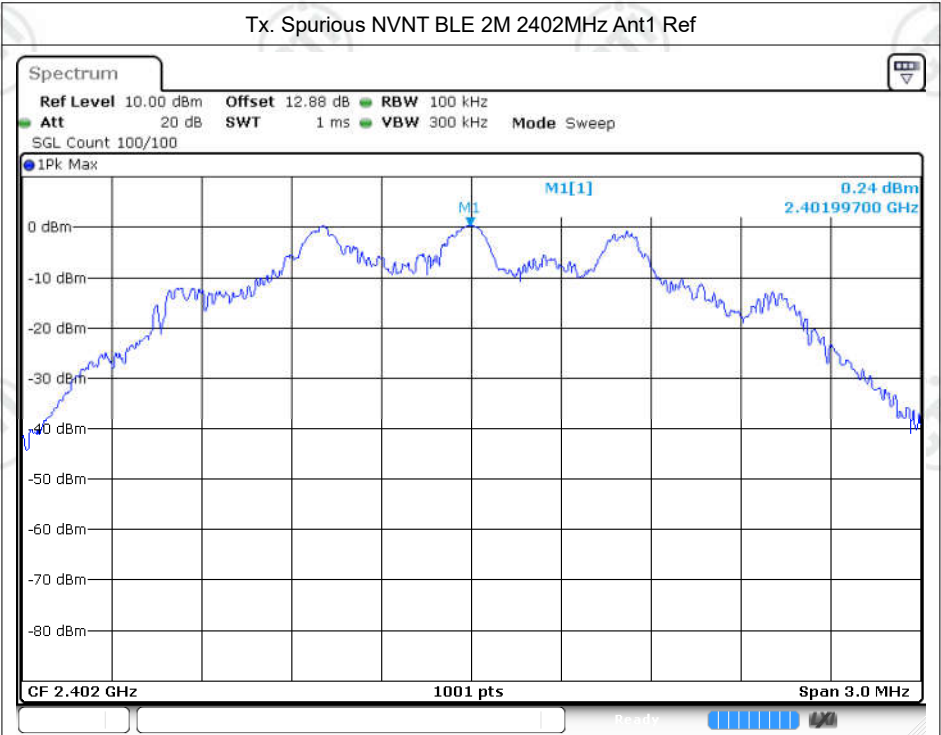
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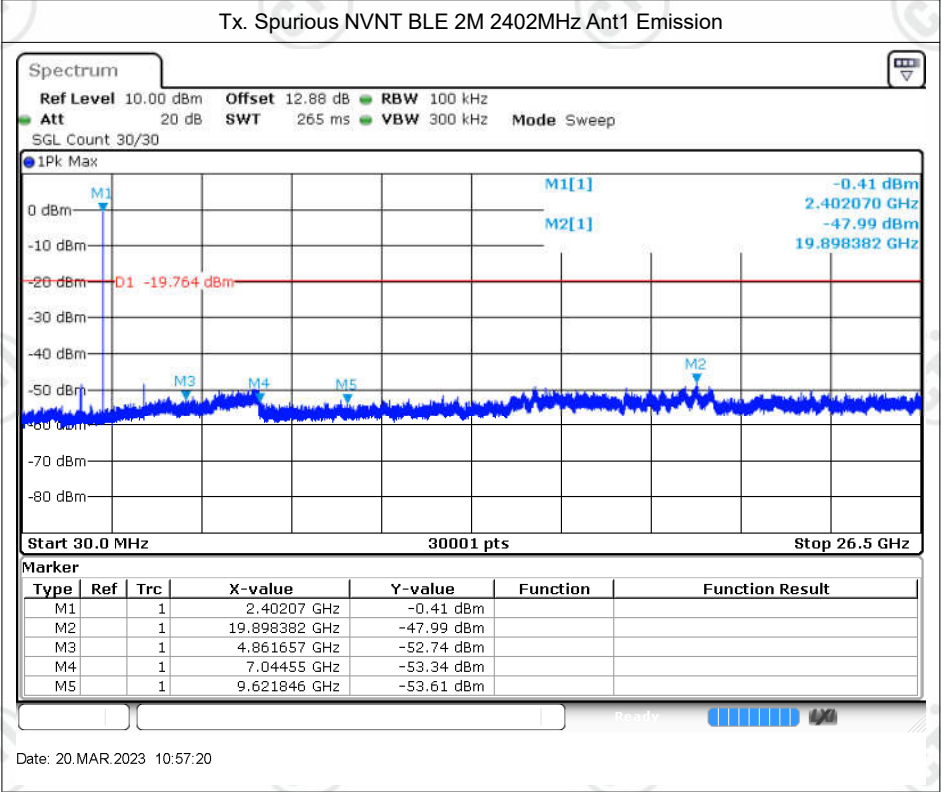
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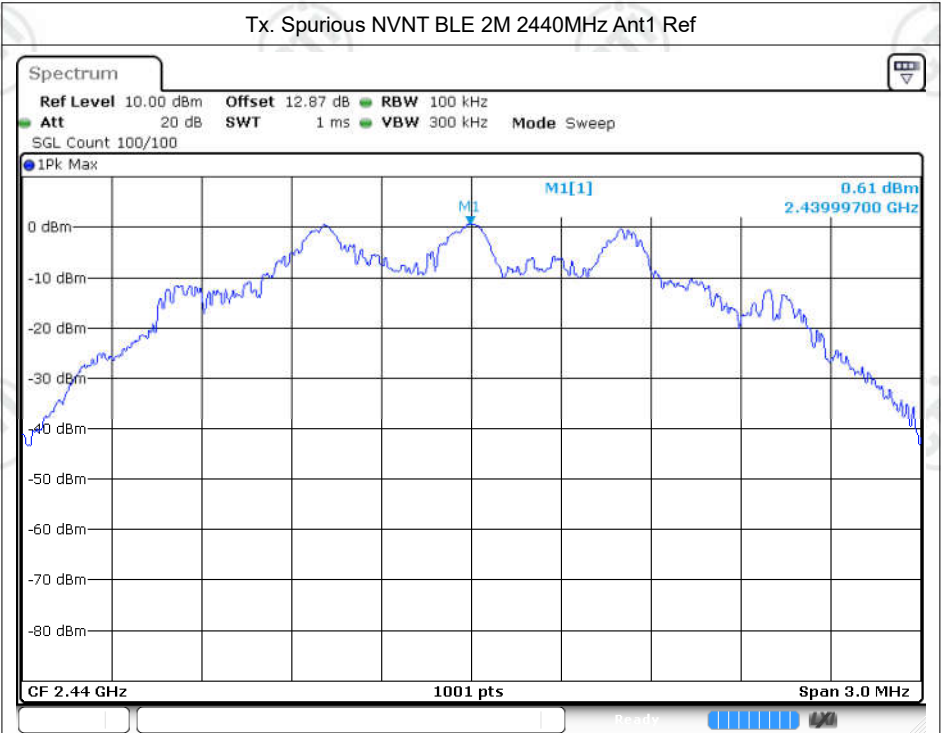
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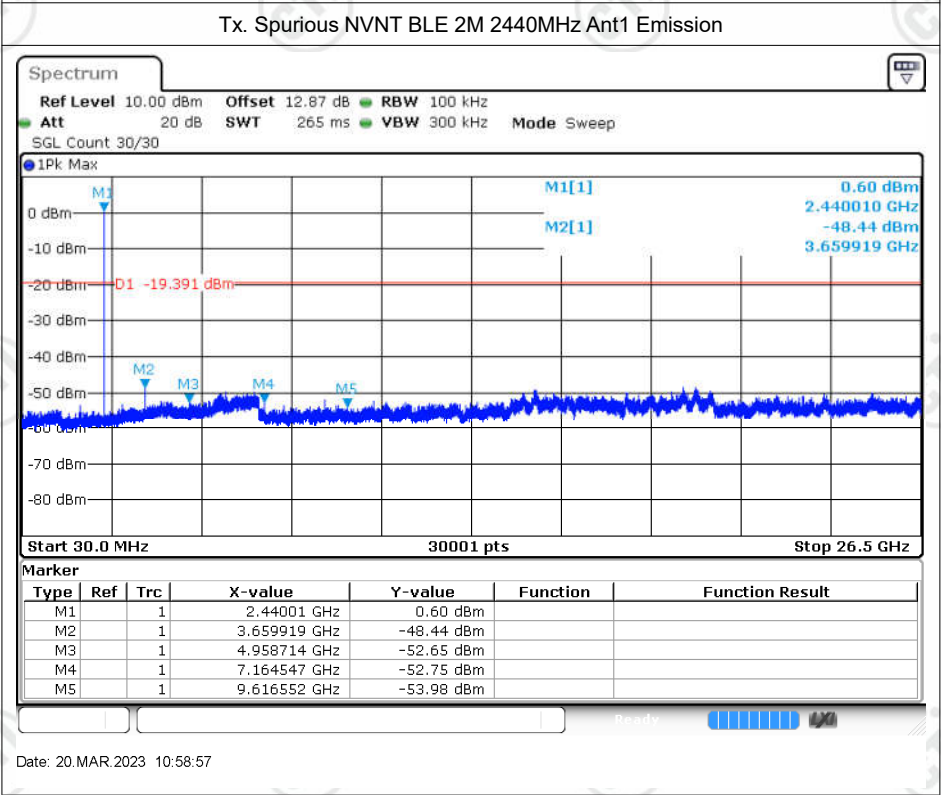
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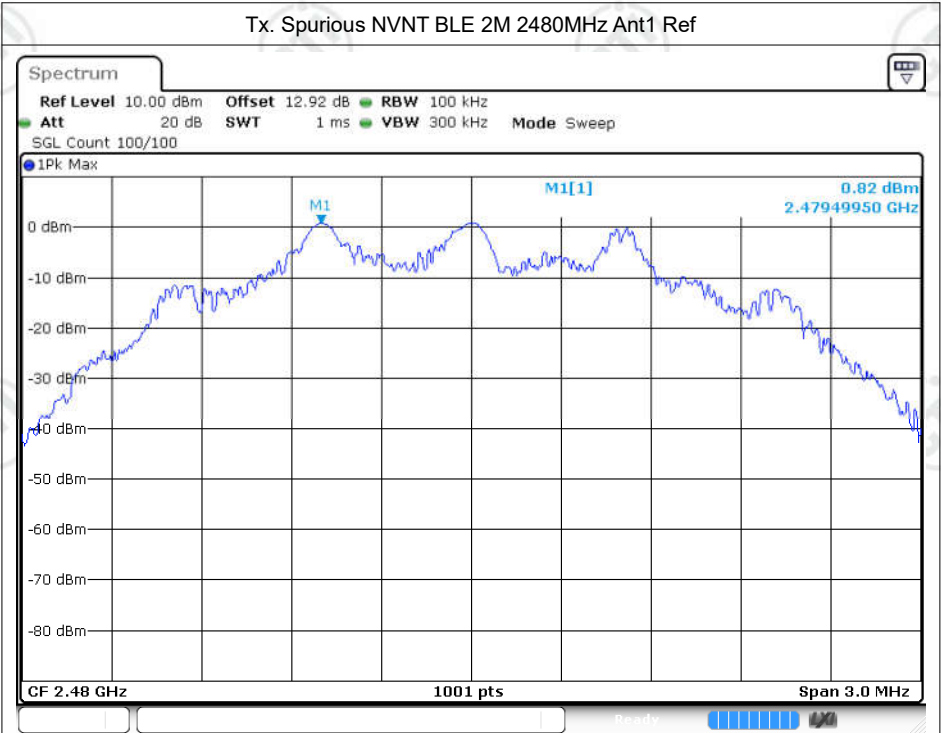
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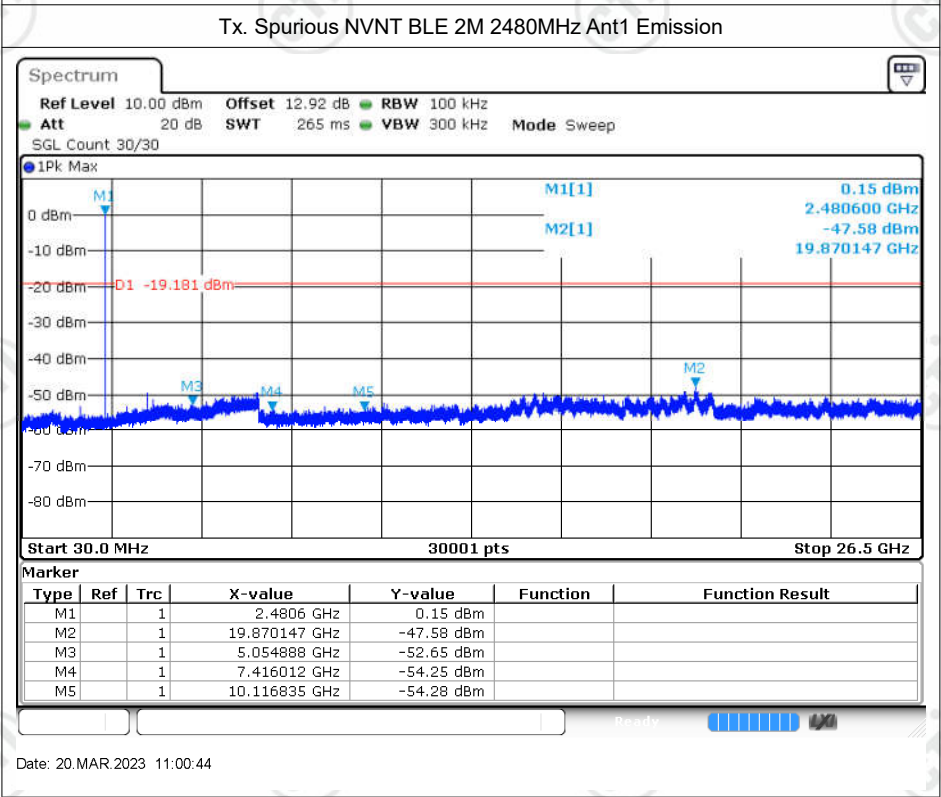
Date: 20.MAR.2023 10:58:28



Date: 20.MAR.2023 10:58:57



Date: 20.MAR.2023 11:00:14



Date: 20.MAR.2023 11:00:44

*** End of Report ***