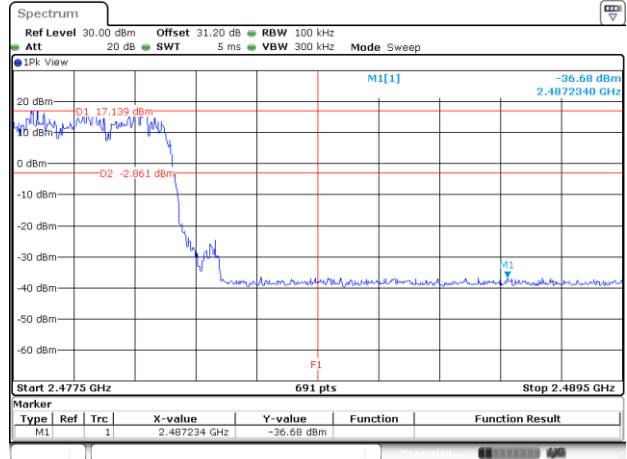
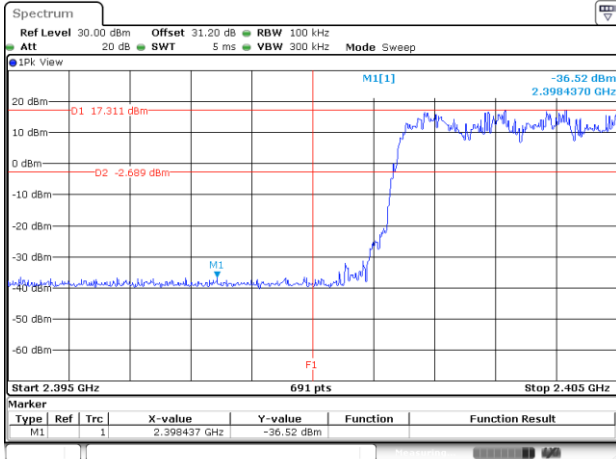




<3Mbps>

Hopping Mode Low Band Edge Plot

Hopping Mode High Band Edge Plot

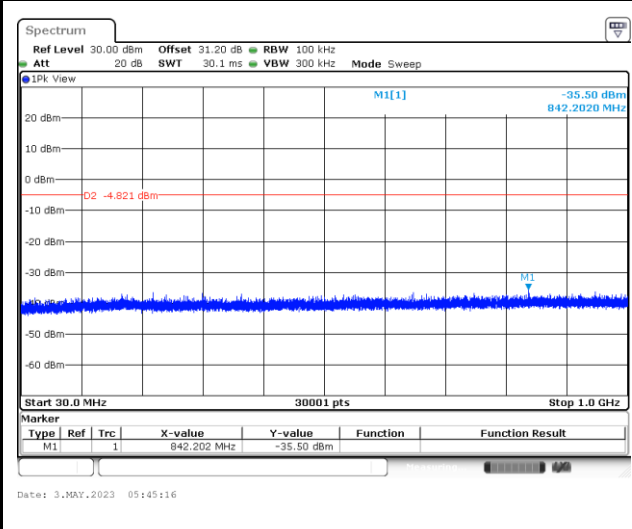




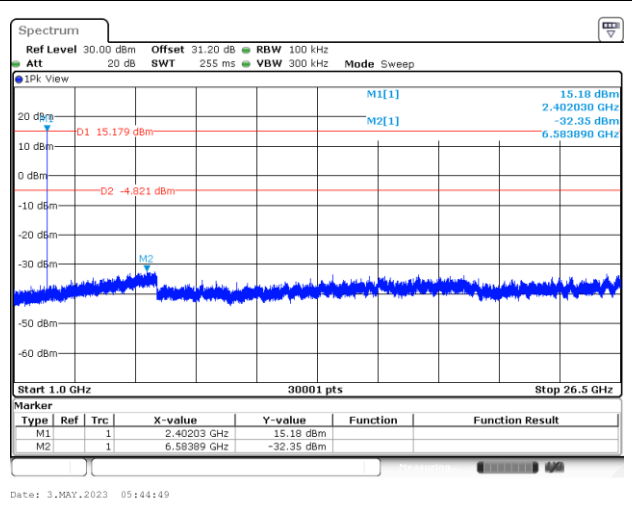
Spurious Emission

<1Mbps>

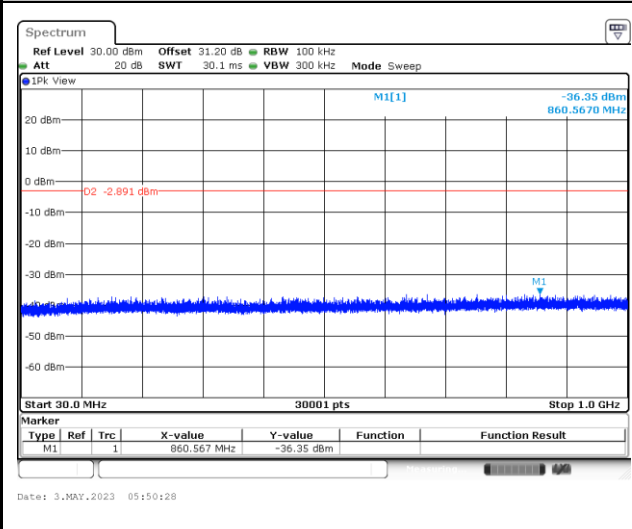
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



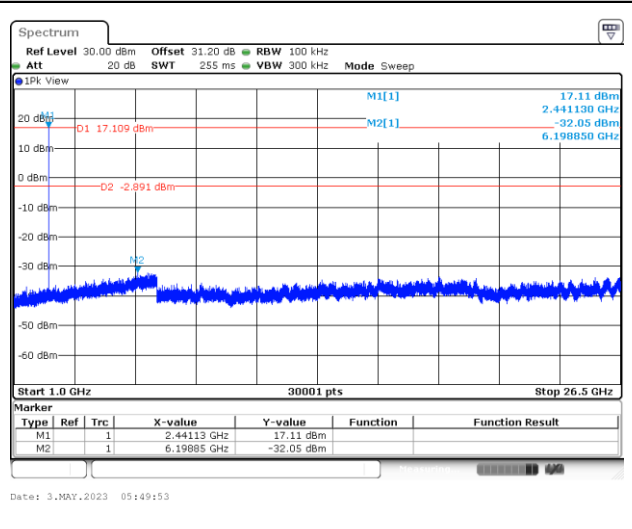
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

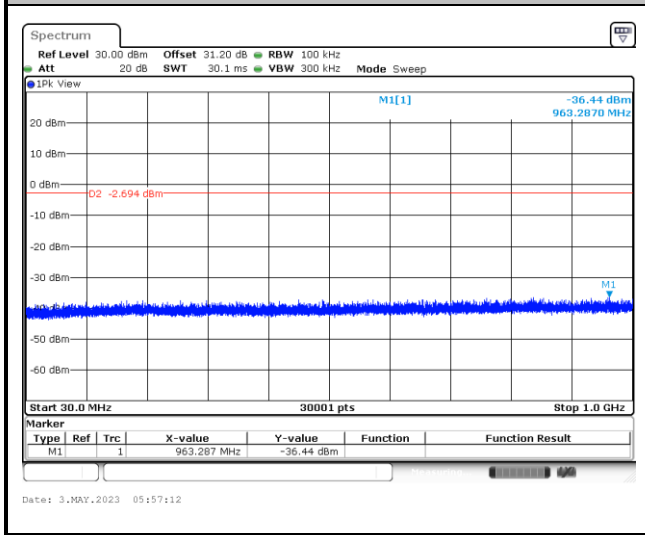


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

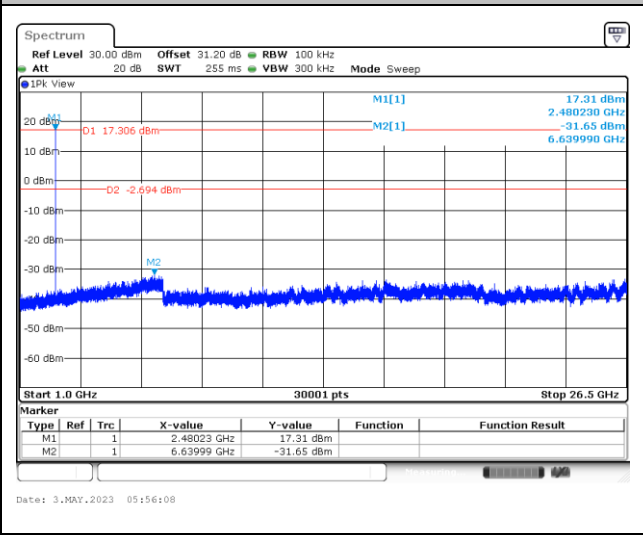




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



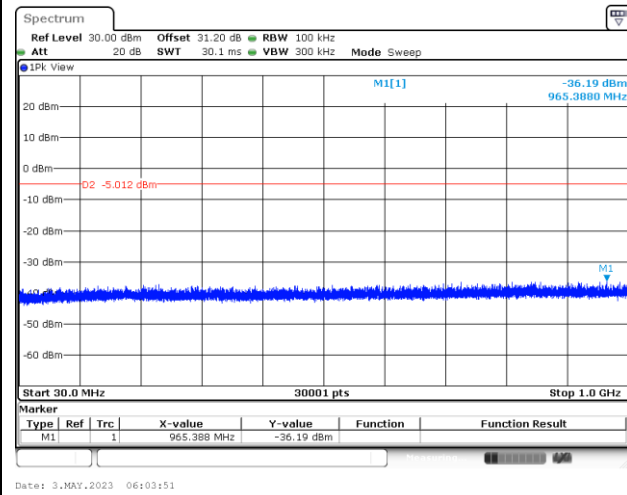
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



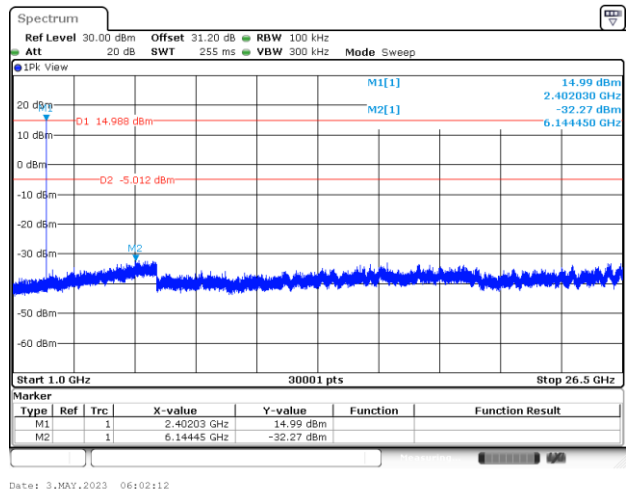


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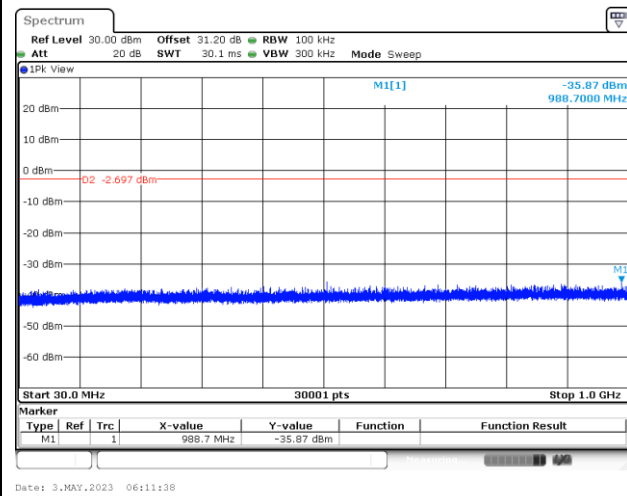
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



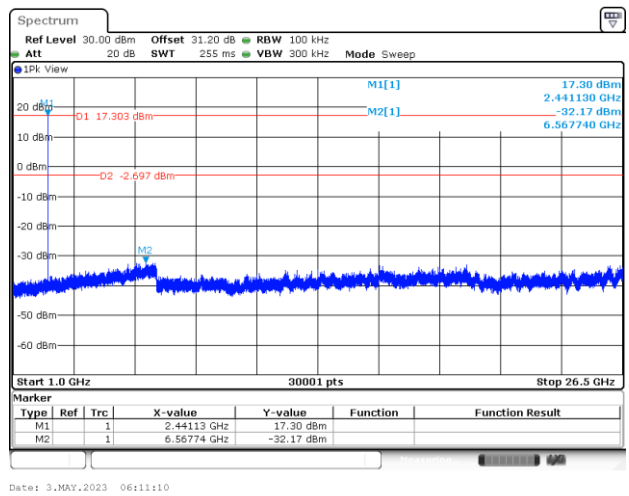
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

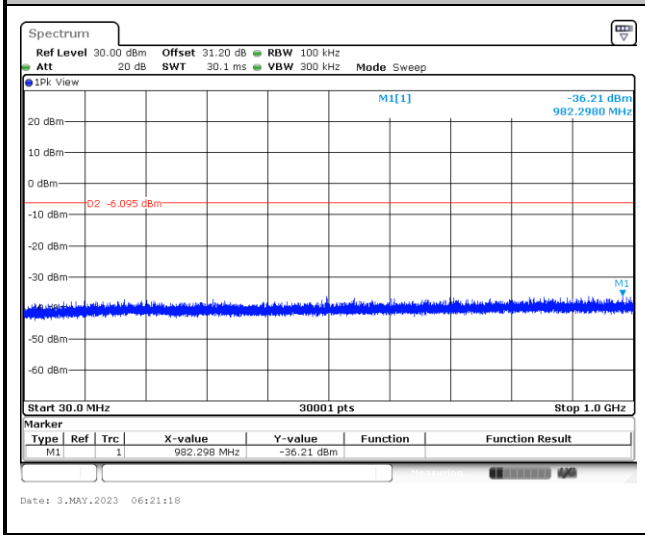


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

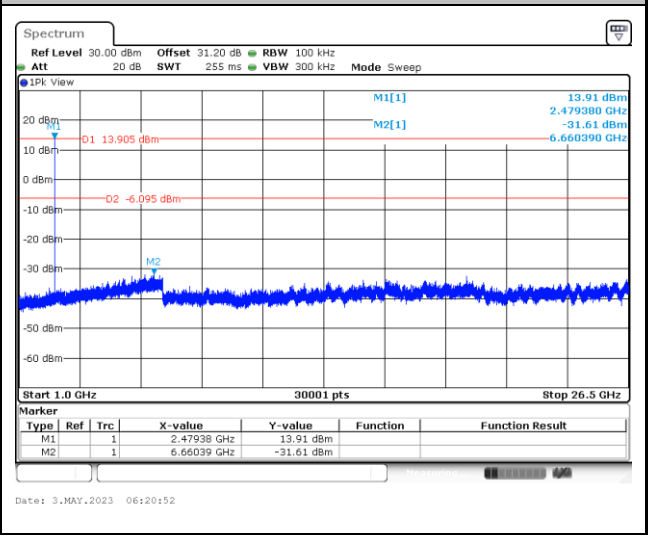




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



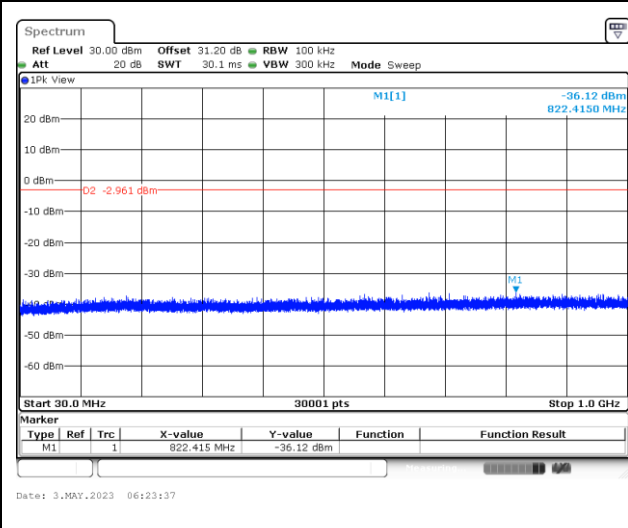
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



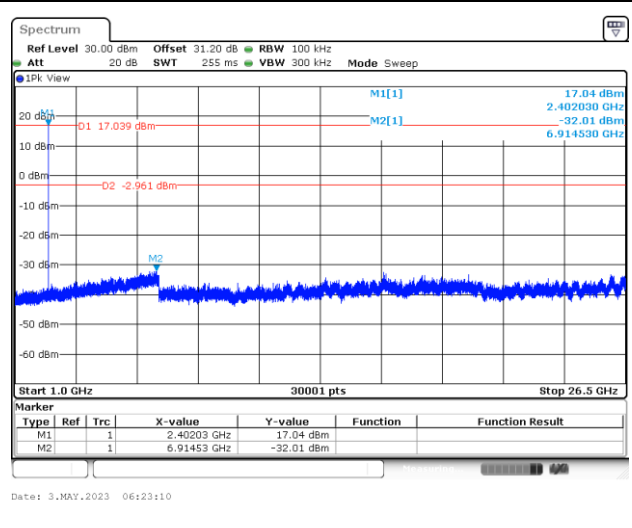


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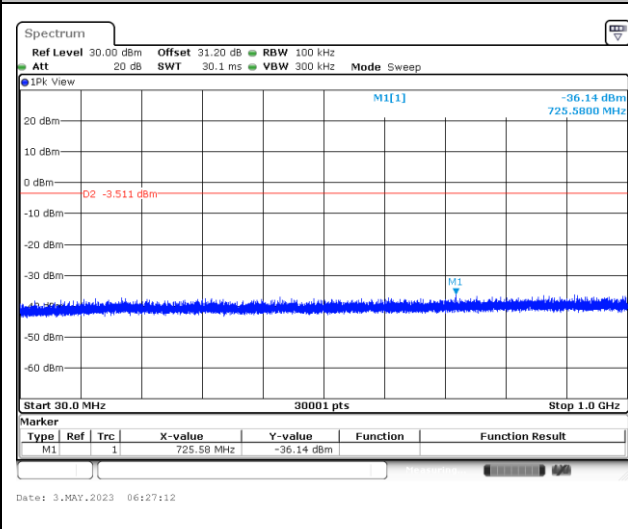
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



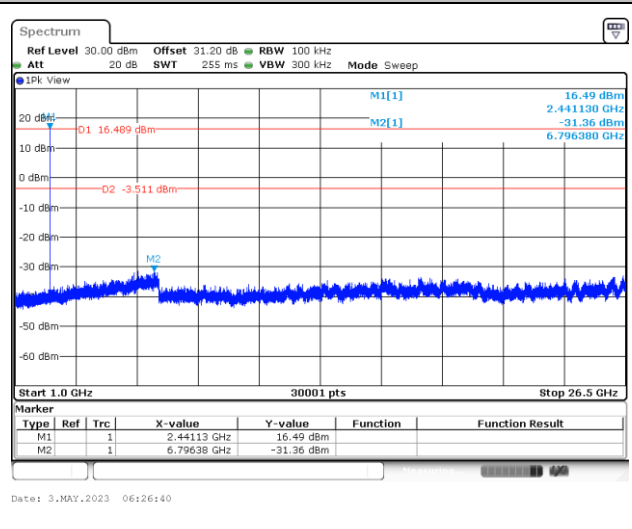
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

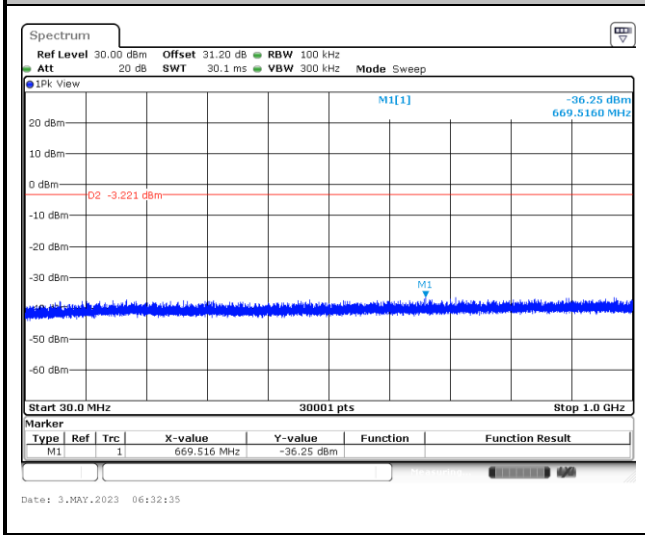


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

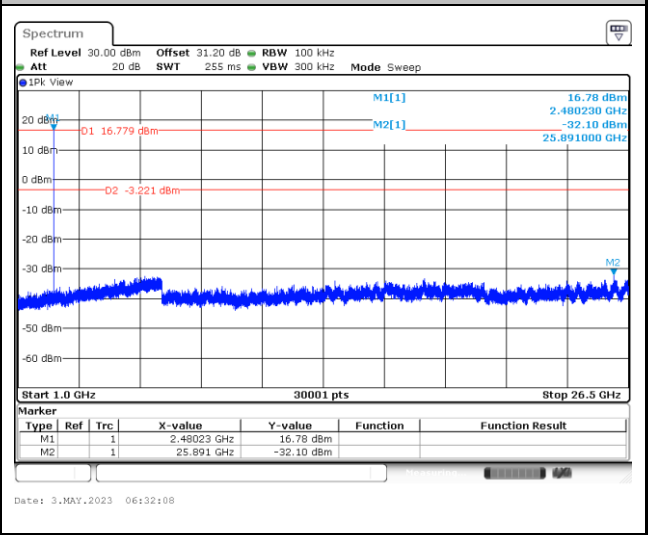




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



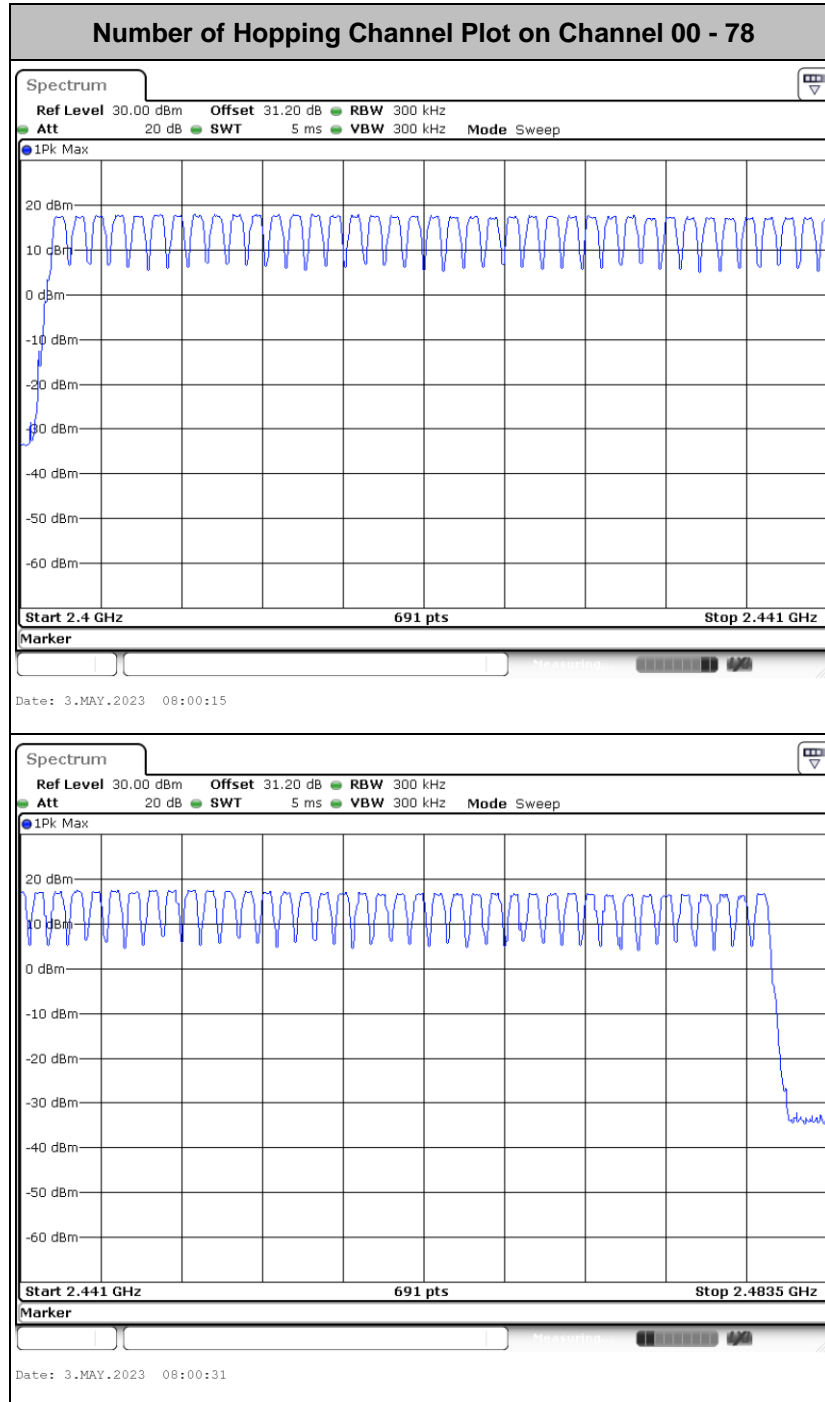
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<TXBF BR+EDR Ant.4>

Number of Hopping Frequency



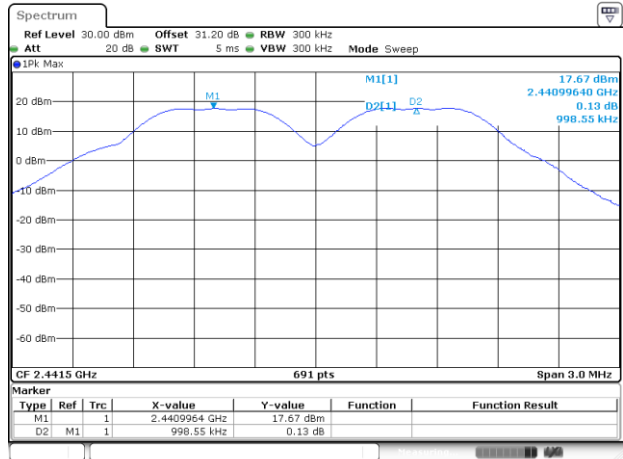
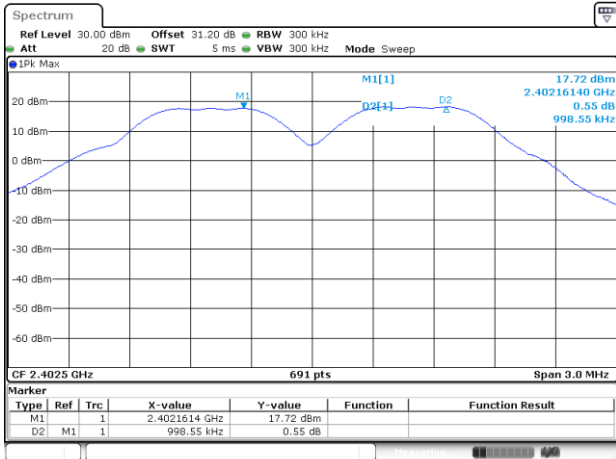


Hopping Channel Separation

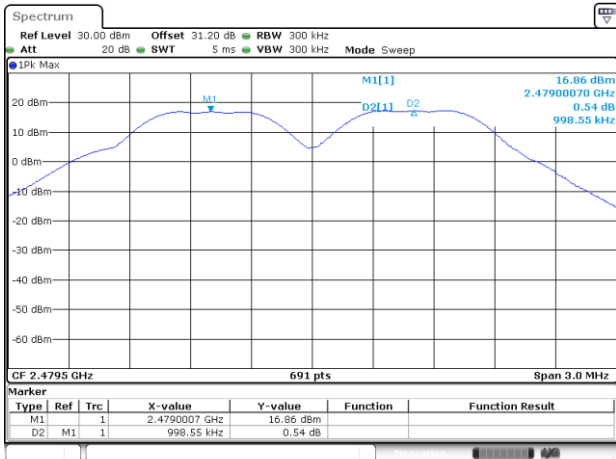
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

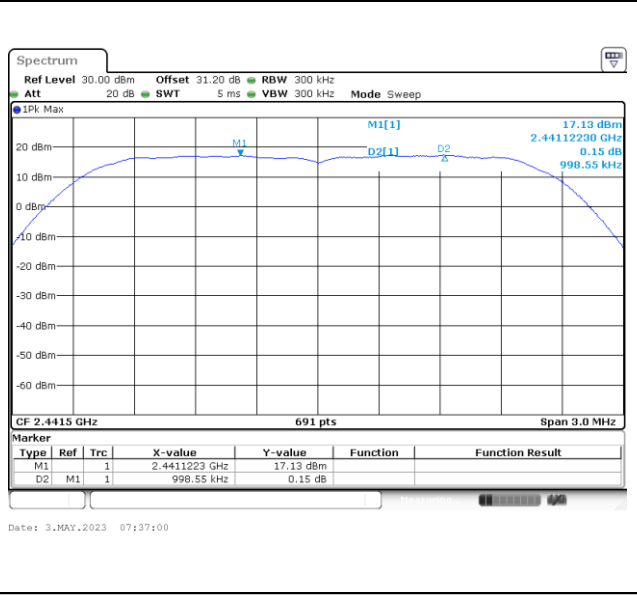
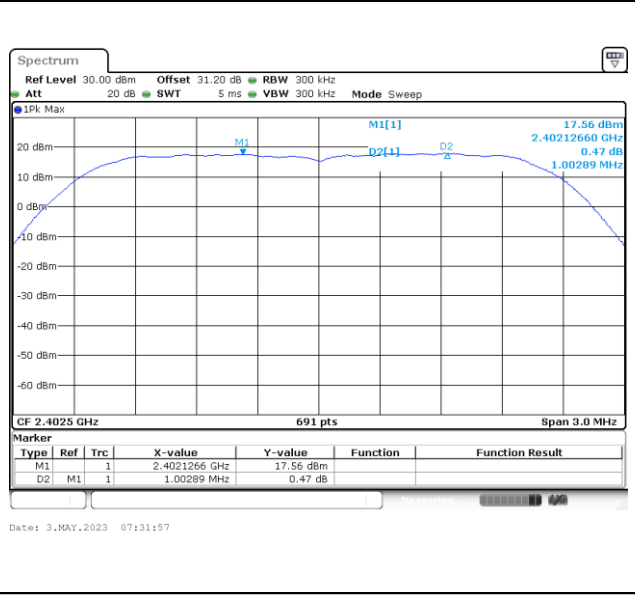




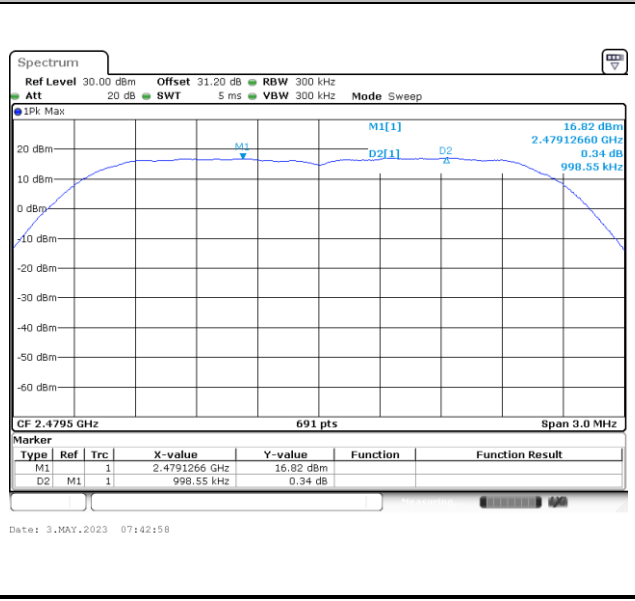
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

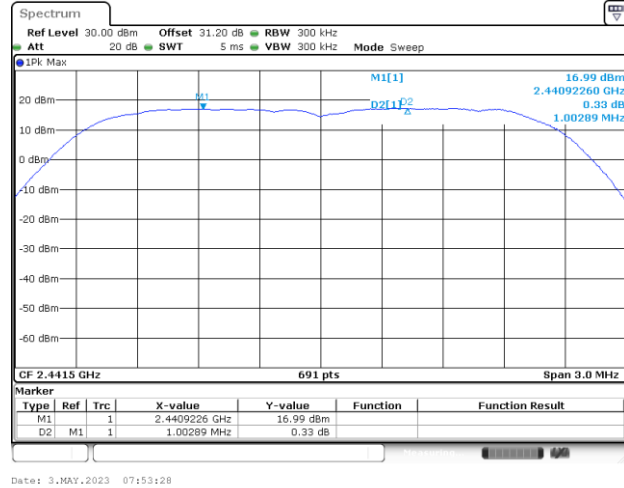
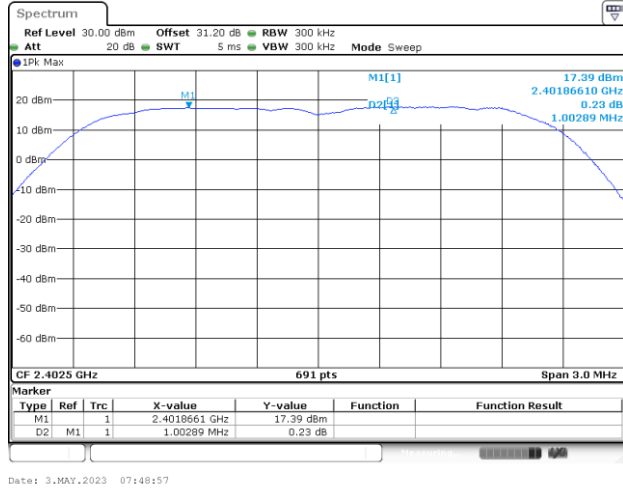




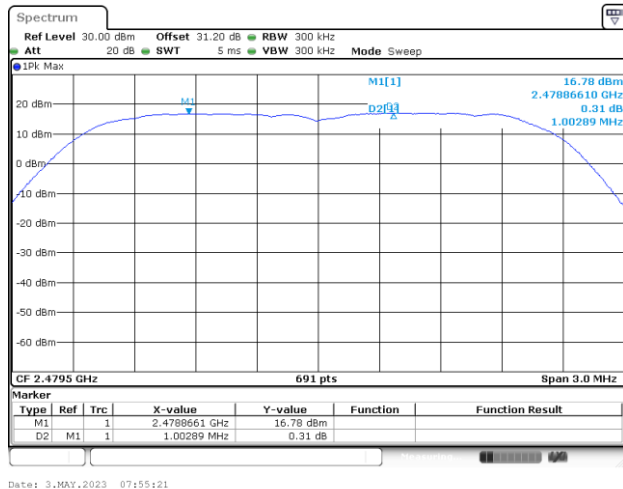
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Channel Separation Plot on Channel 00 - 01

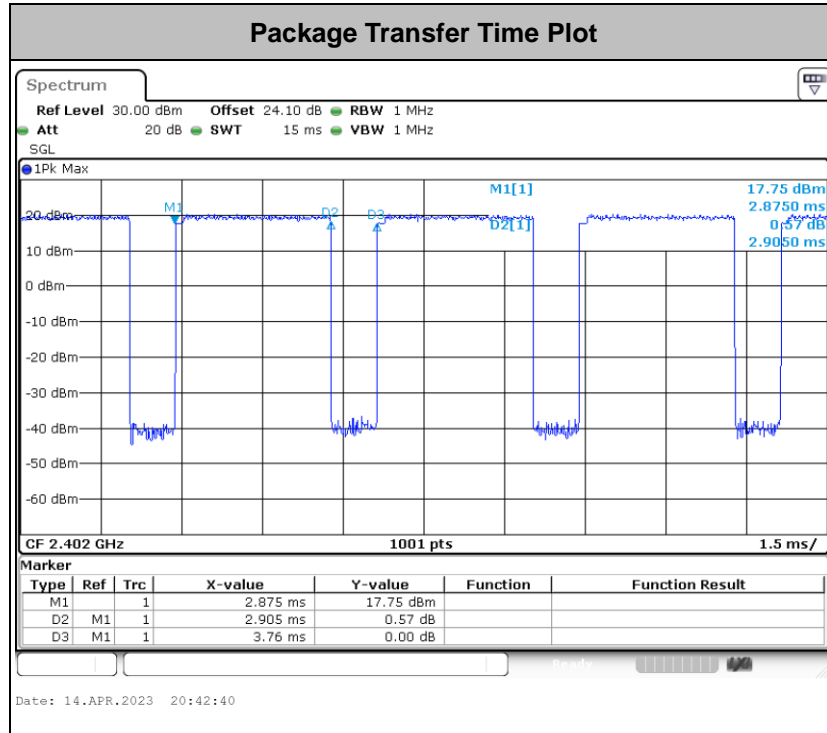
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time



Remark:

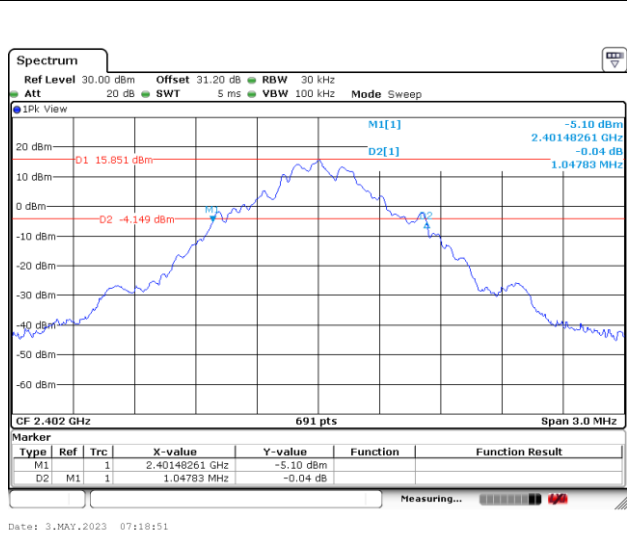
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time



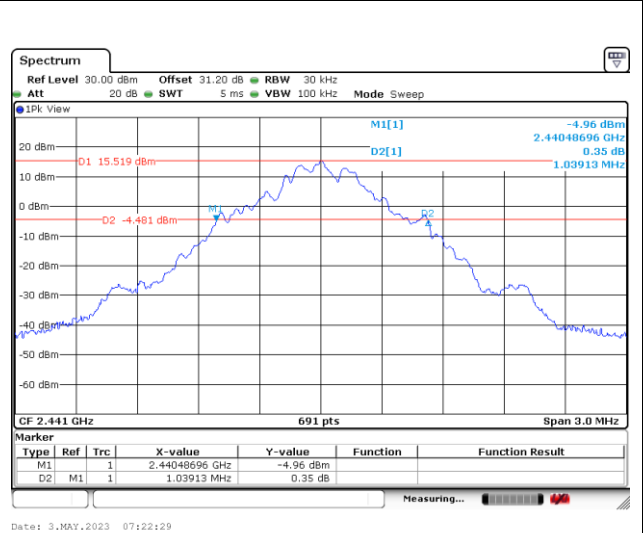
20dB Bandwidth

<1Mbps>

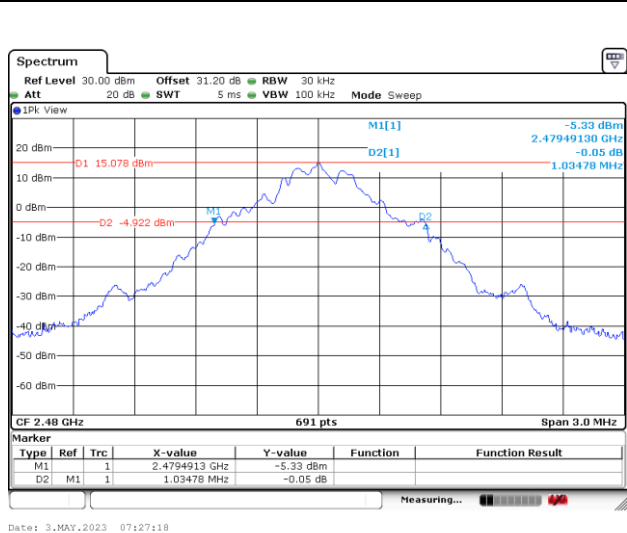
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



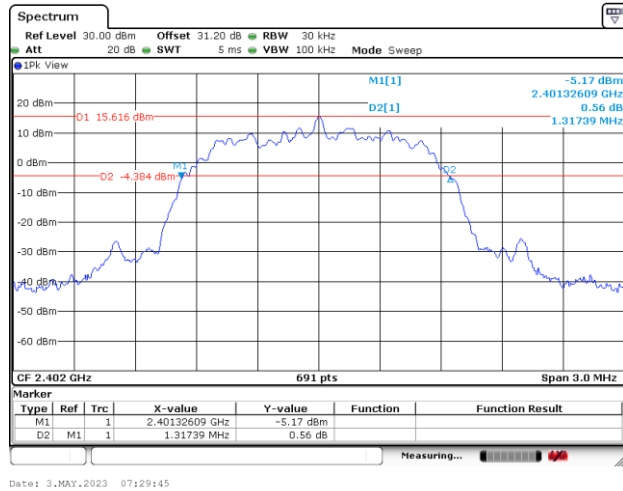
20 dB Bandwidth Plot on Channel 78



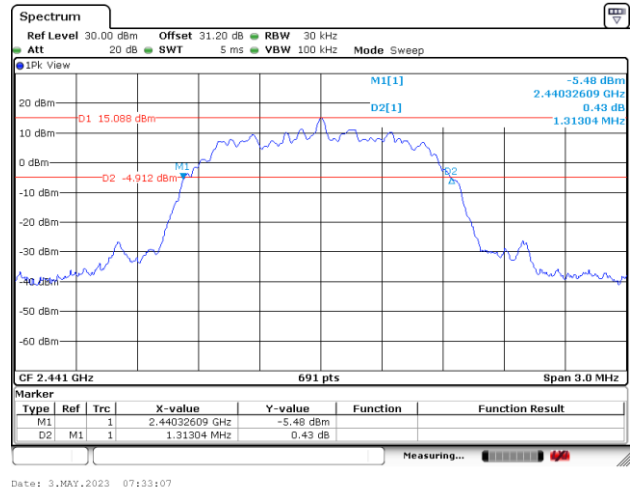


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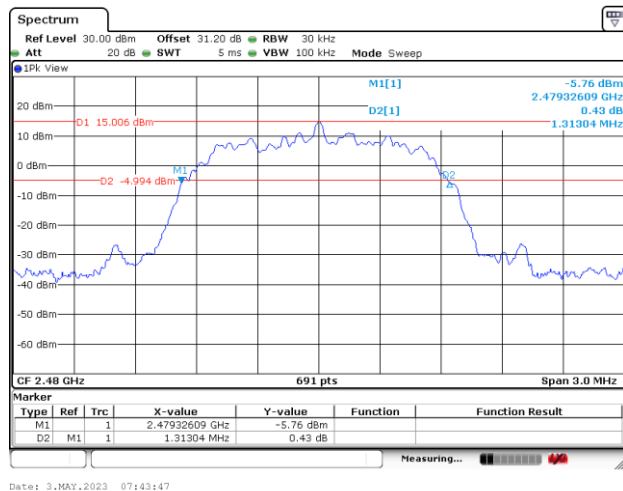
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



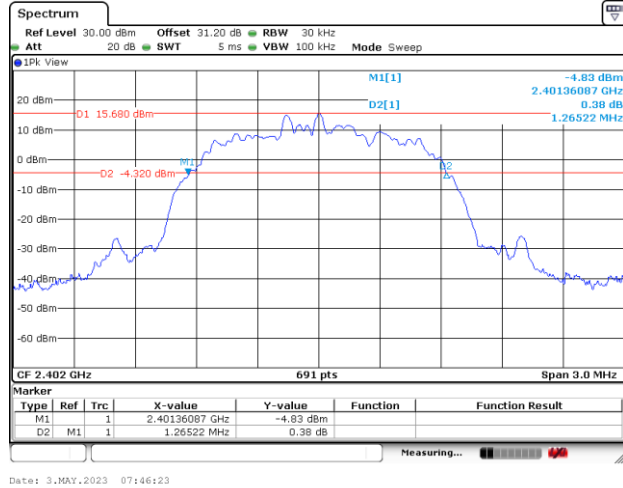
20 dB Bandwidth Plot on Channel 78



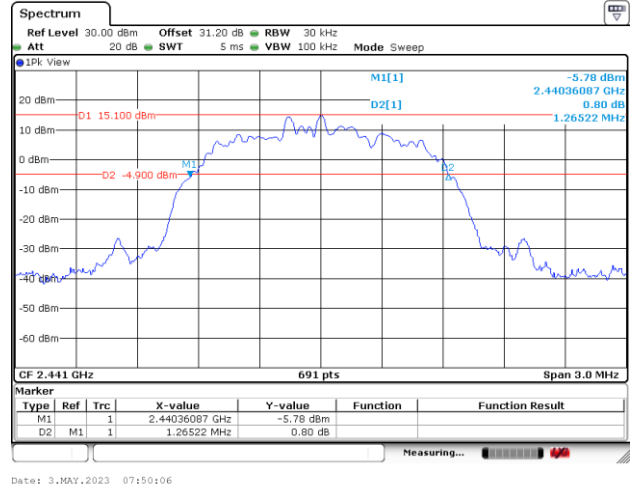


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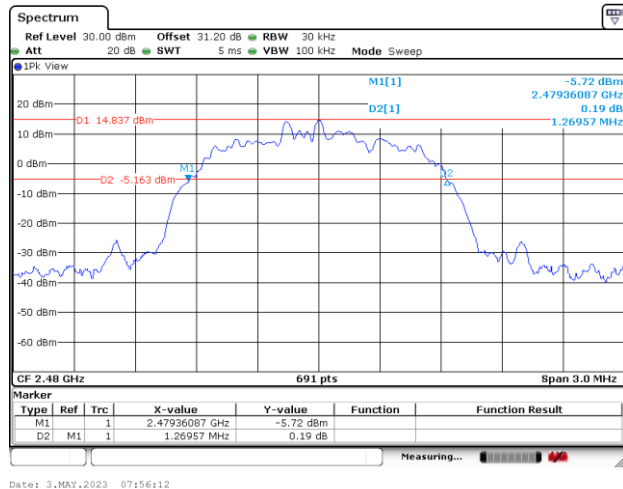
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



20 dB Bandwidth Plot on Channel 78

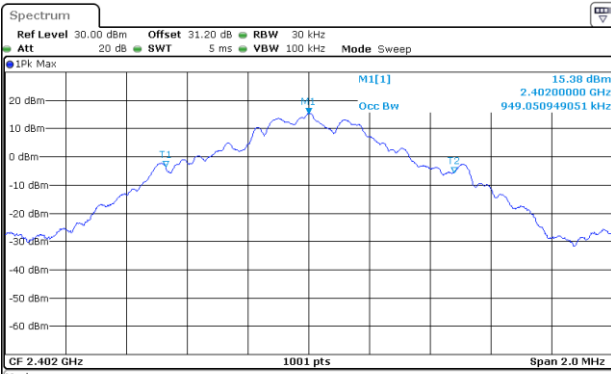




99% Occupied Bandwidth

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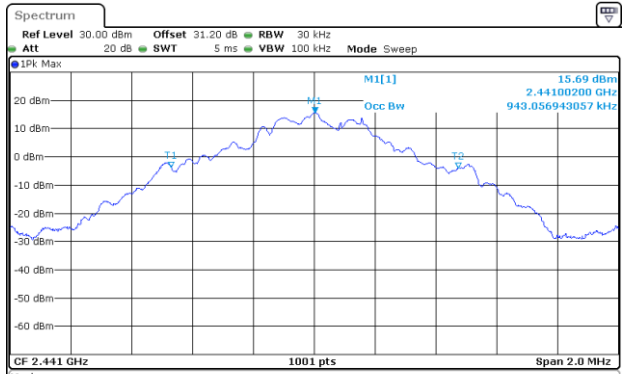
99% Occupied Bandwidth on Channel 00



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.402 GHz	15.38 dBm		
T1	1			2.40152847 GHz	-3.62 dBm	Occ Bw	949.050949051 kHz
T2	1			2.40247752 GHz	-5.58 dBm		

Date: 3.MAY.2023 07:18:14

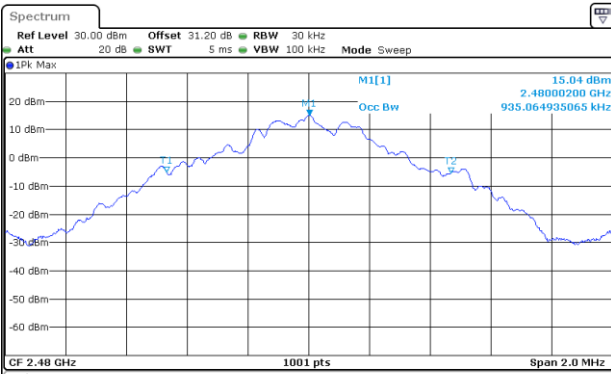
99% Occupied Bandwidth on Channel 39



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.441002 GHz	15.69 dBm		
T1	1			2.44053047 GHz	-3.73 dBm	Occ Bw	943.056943057 kHz
T2	1			2.44147353 GHz	-4.10 dBm		

Date: 3.MAY.2023 07:22:14

99% Occupied Bandwidth on Channel 78



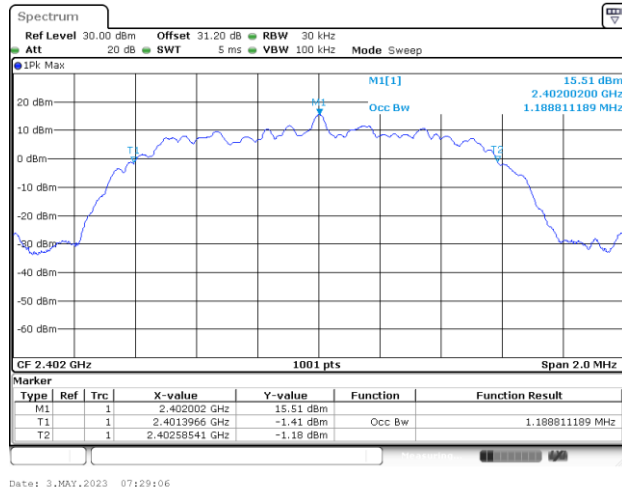
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.480002 GHz	15.04 dBm		
T1	1			2.47953247 GHz	-5.02 dBm	Occ Bw	935.064935065 kHz
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Date: 3.MAY.2023 07:26:42

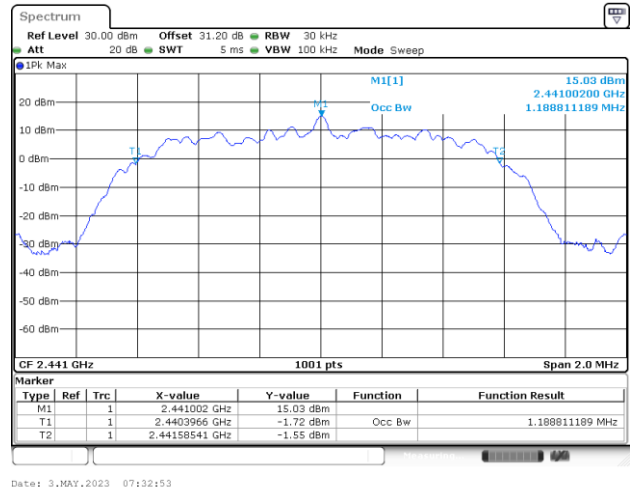


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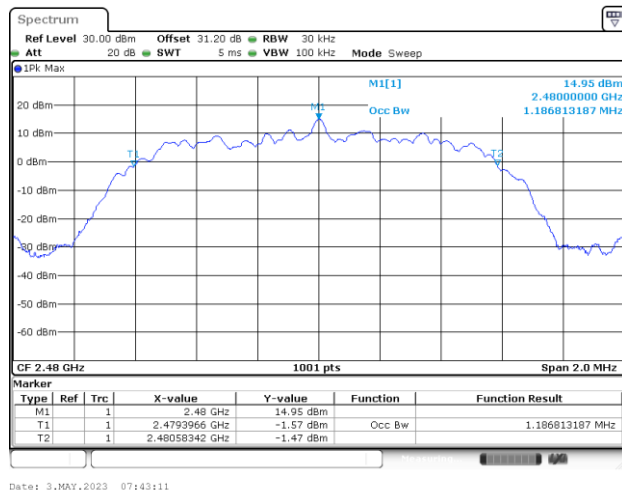
99% Occupied Bandwidth on Channel 00



99% Occupied Bandwidth on Channel 39



99% Occupied Bandwidth on Channel 78

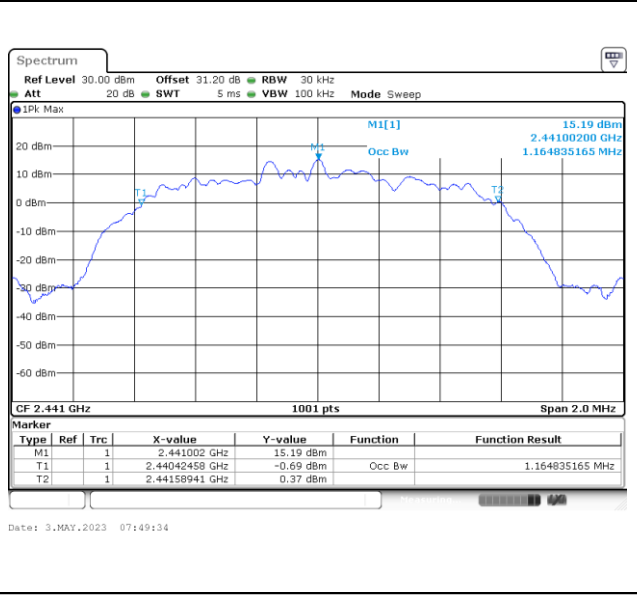
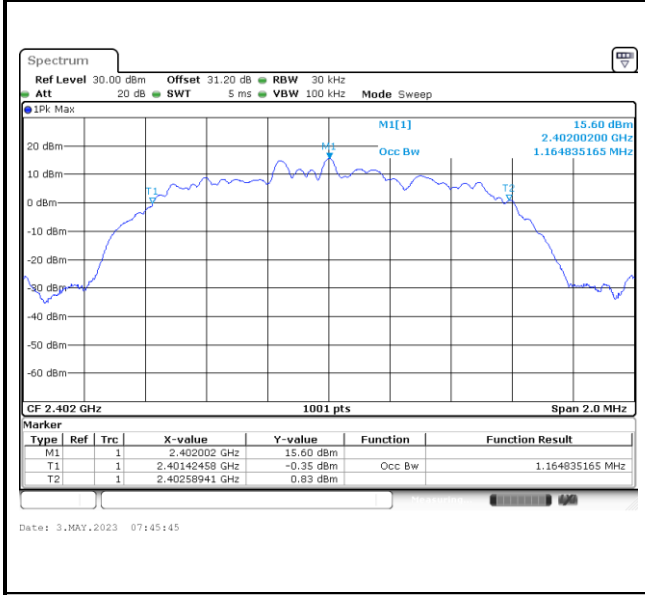




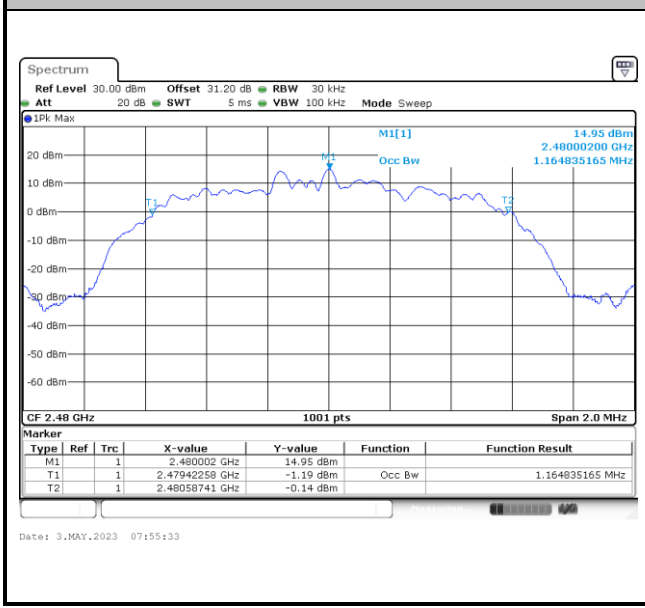
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99% Occupied Bandwidth on Channel 00

99% Occupied Bandwidth on Channel 39



99% Occupied Bandwidth on Channel 78



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

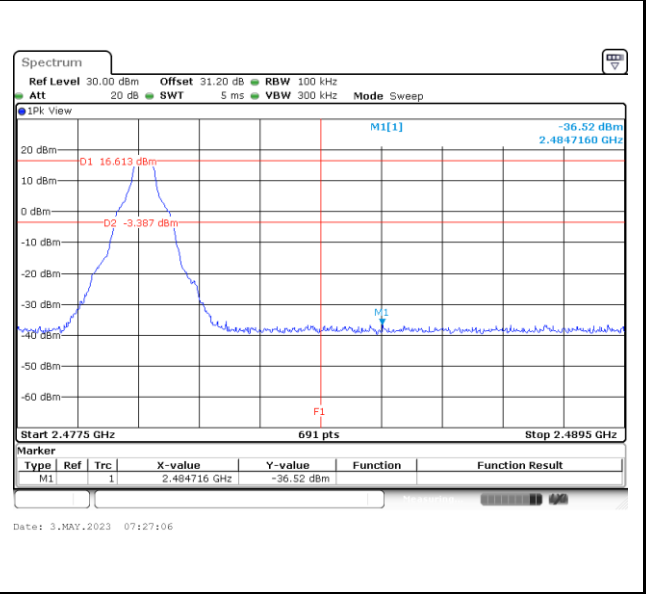
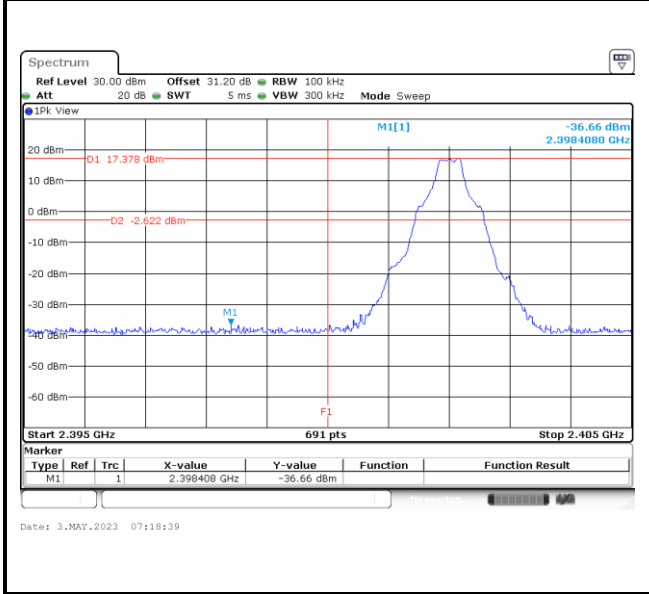


Band Edges

<1Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78

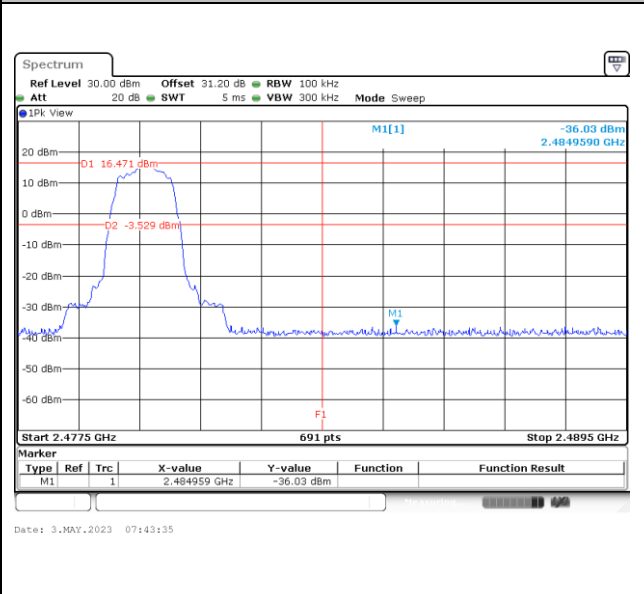
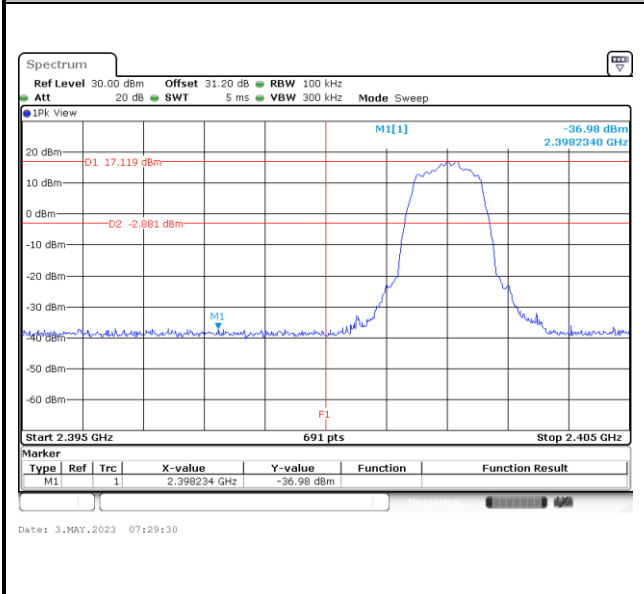




<2Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78

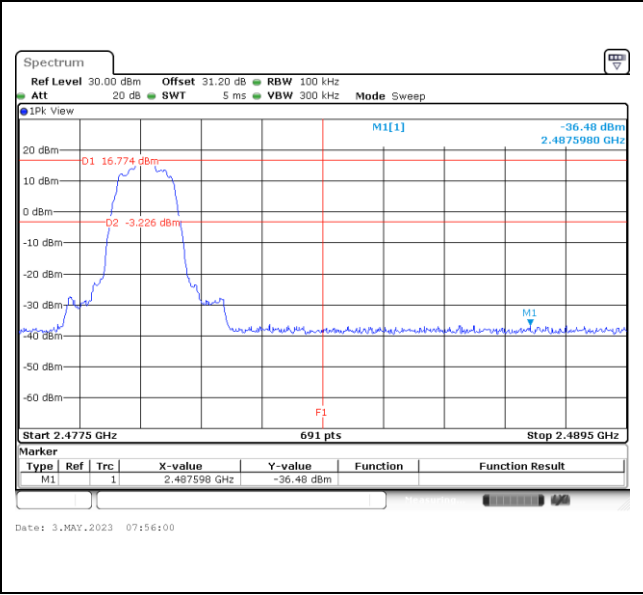
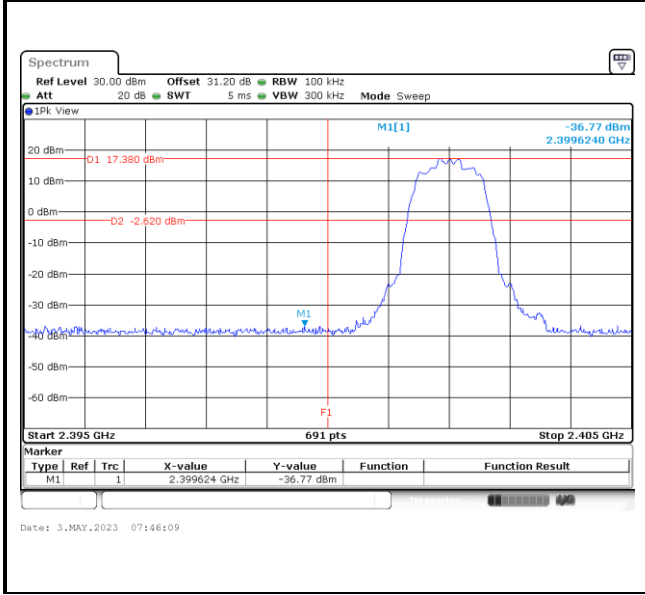




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Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78

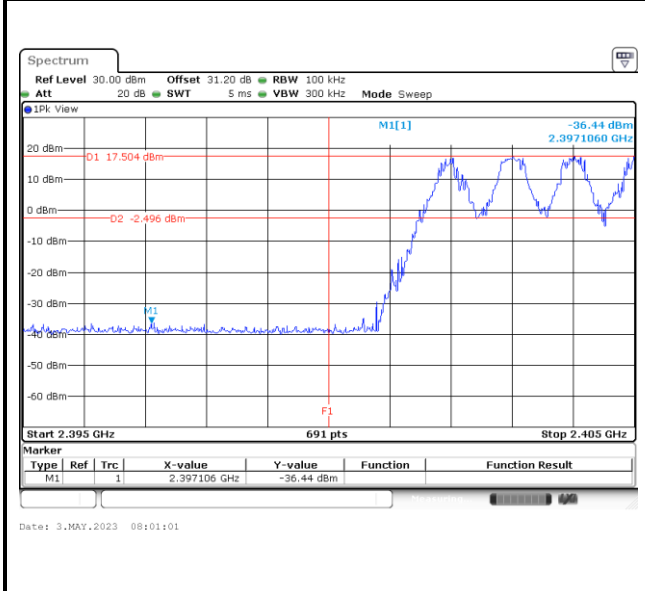




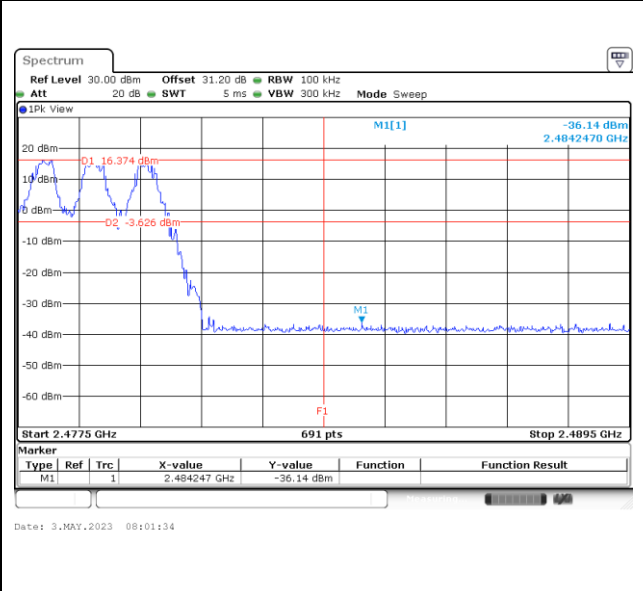
Hopping Mode Band Edges

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Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

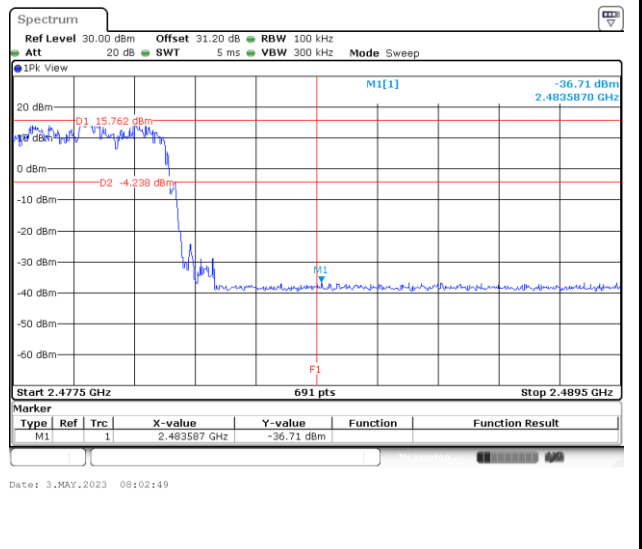
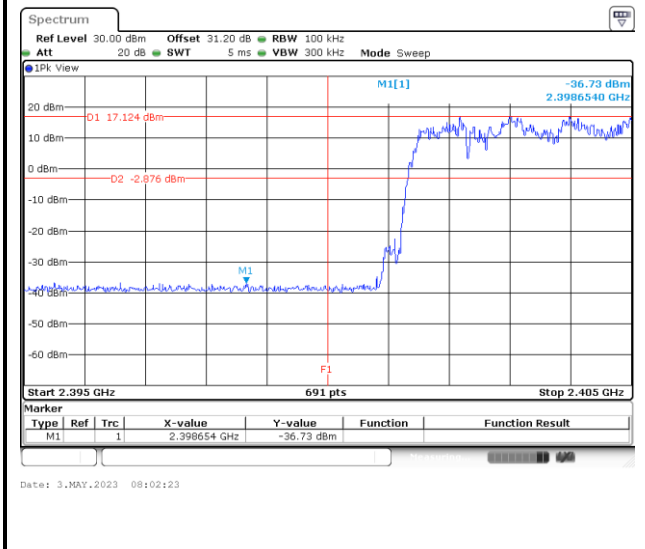




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Hopping Mode Low Band Edge Plot

Hopping Mode High Band Edge Plot

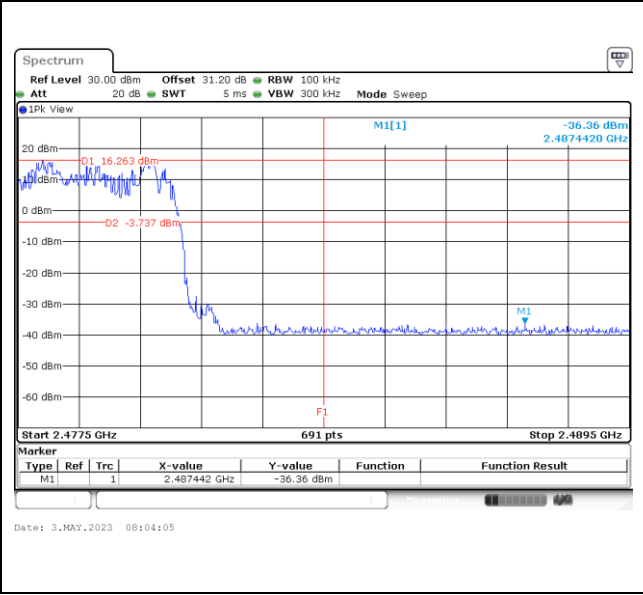
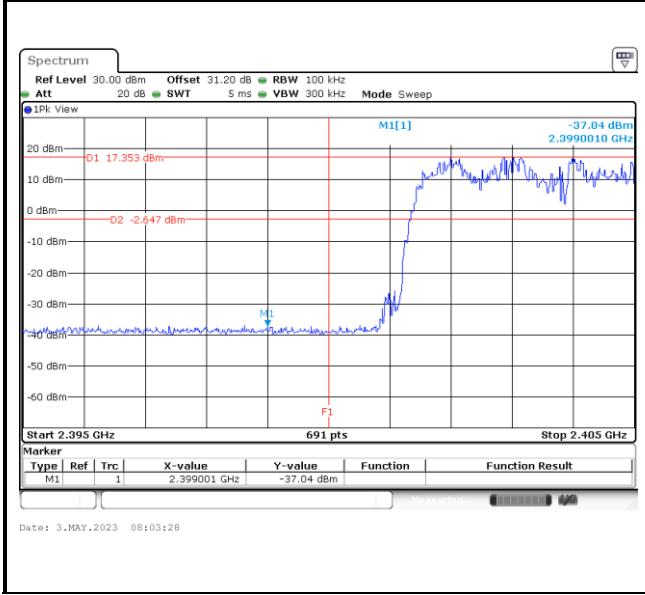




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Hopping Mode Low Band Edge Plot

Hopping Mode High Band Edge Plot

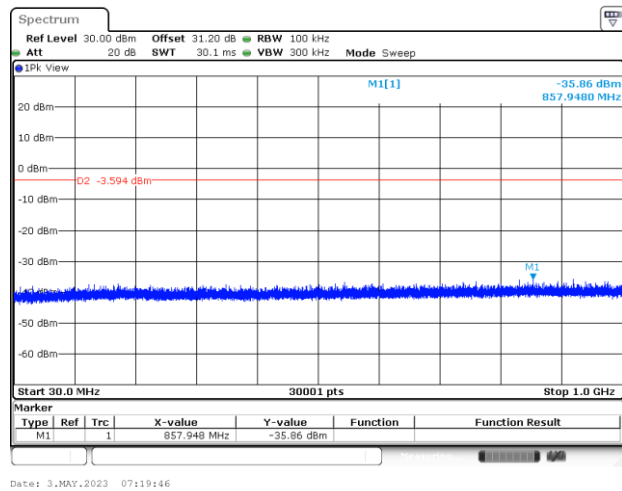




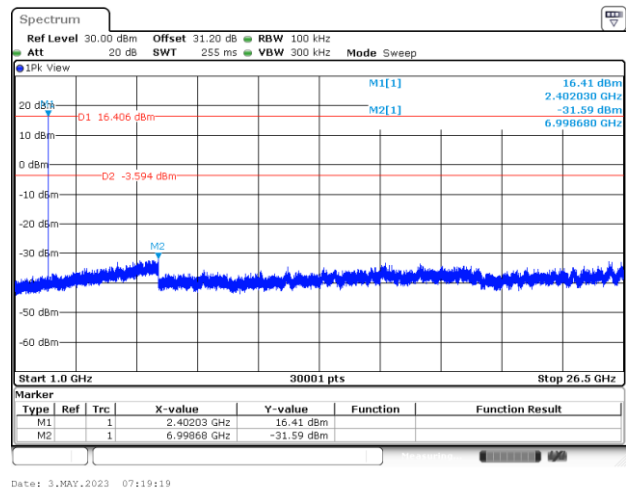
Spurious Emission

<1Mbps>

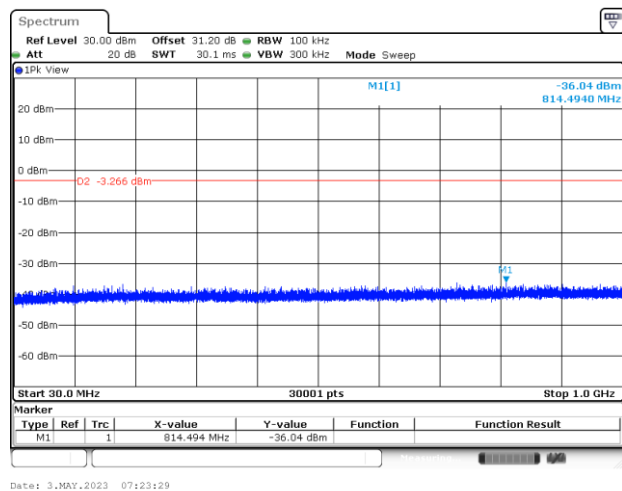
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



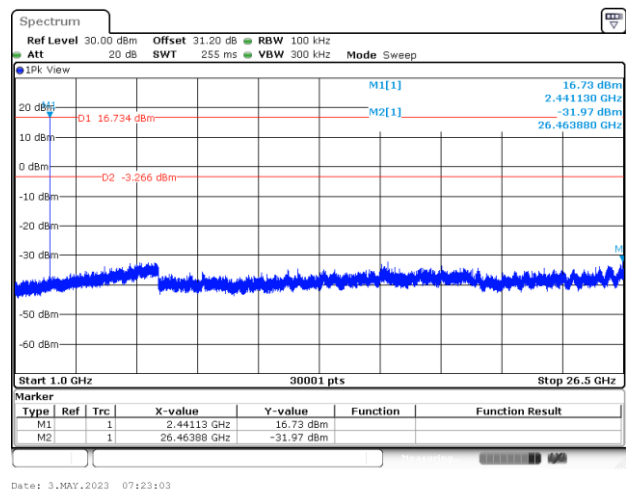
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

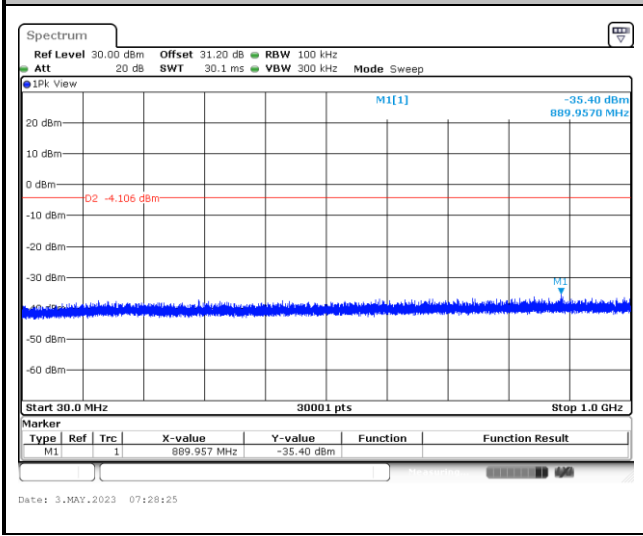


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

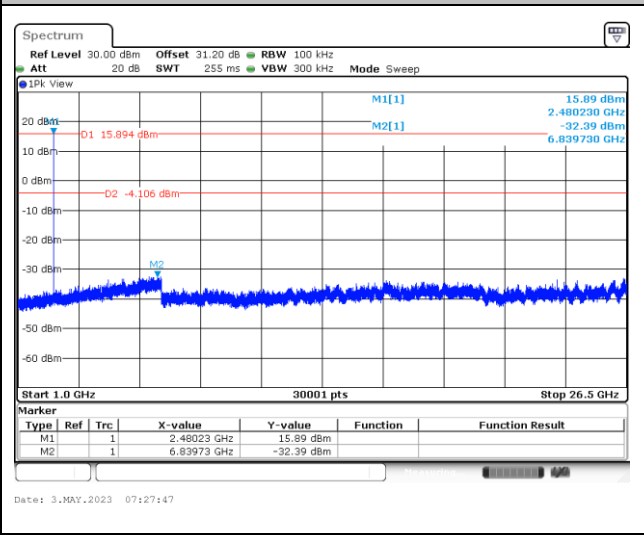




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



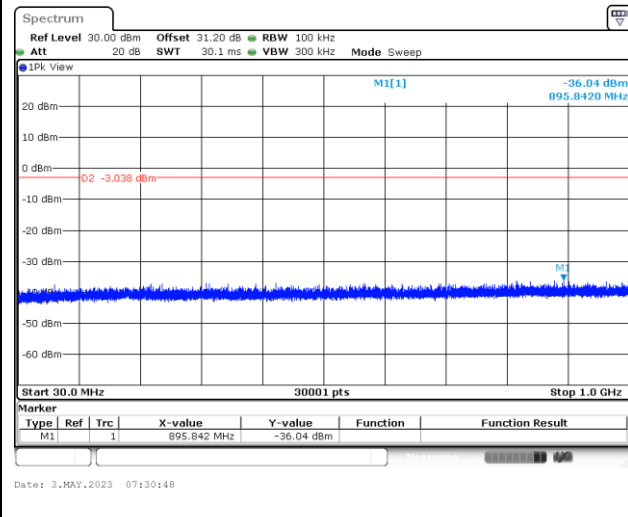
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



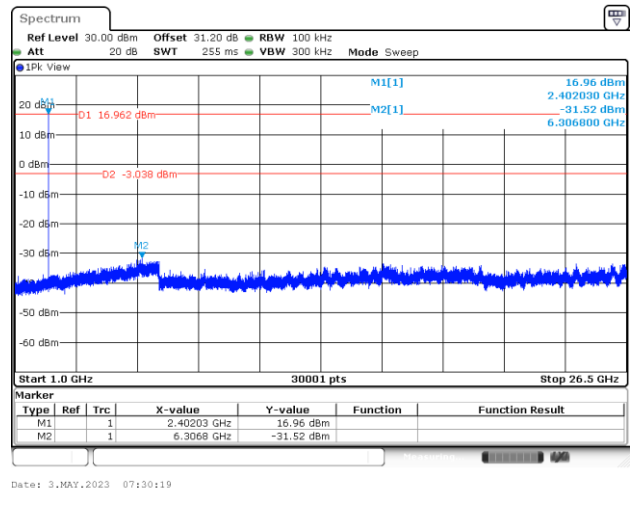


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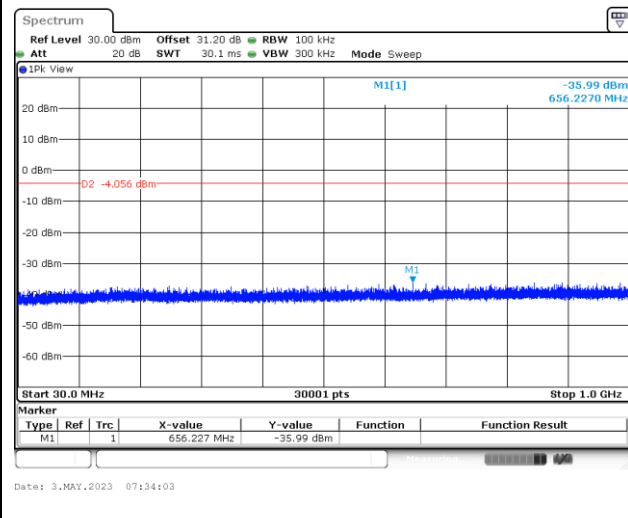
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



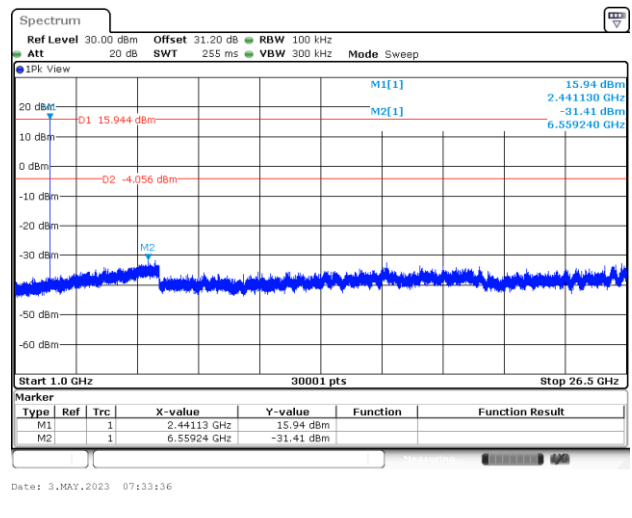
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

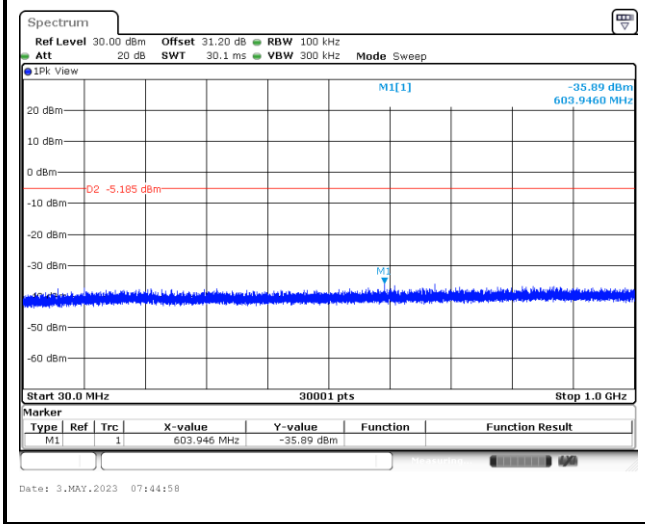


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

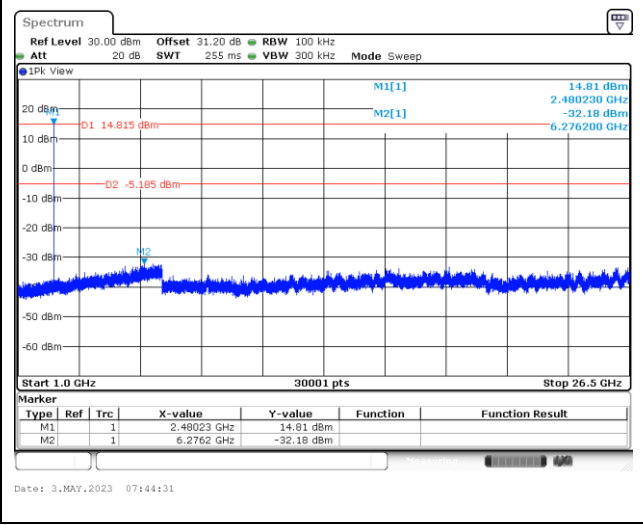




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



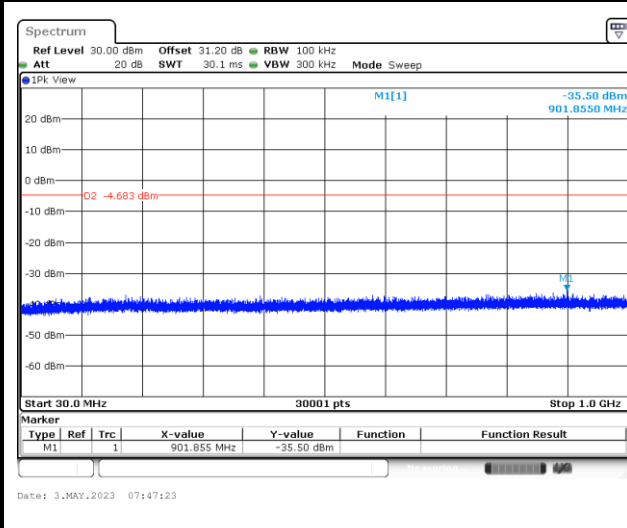
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



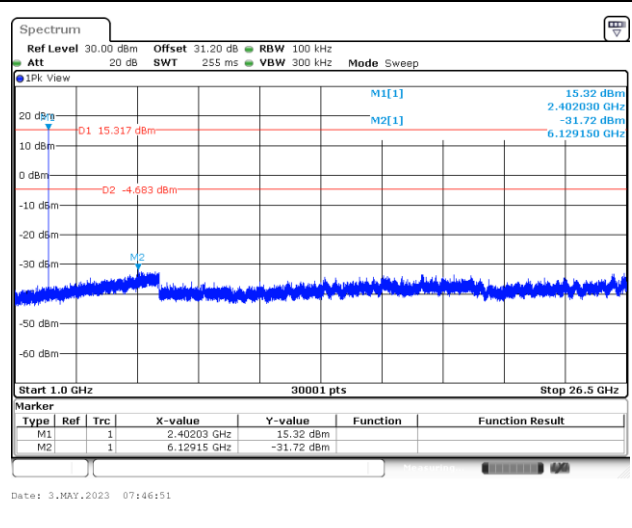


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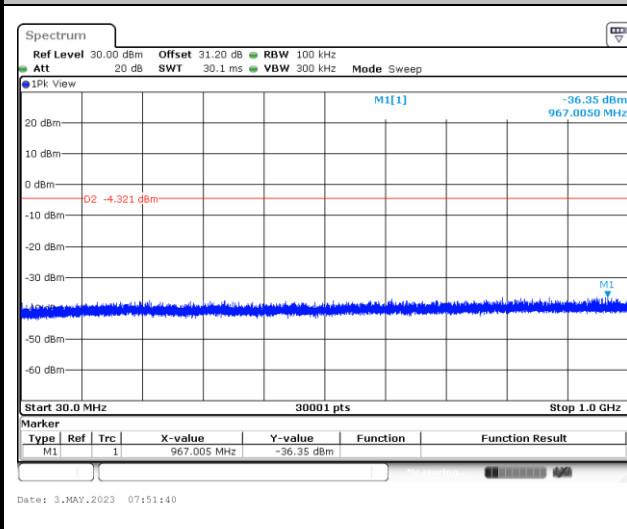
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



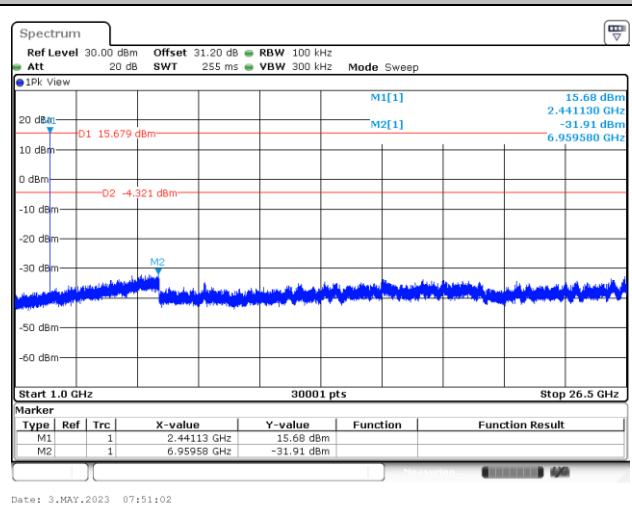
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

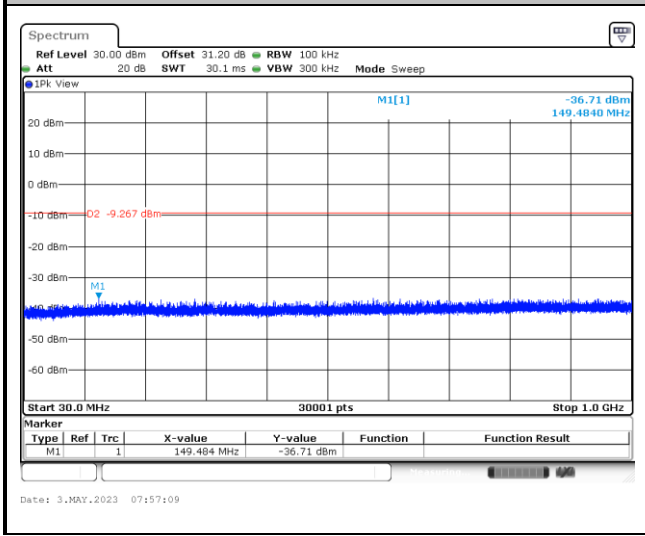


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

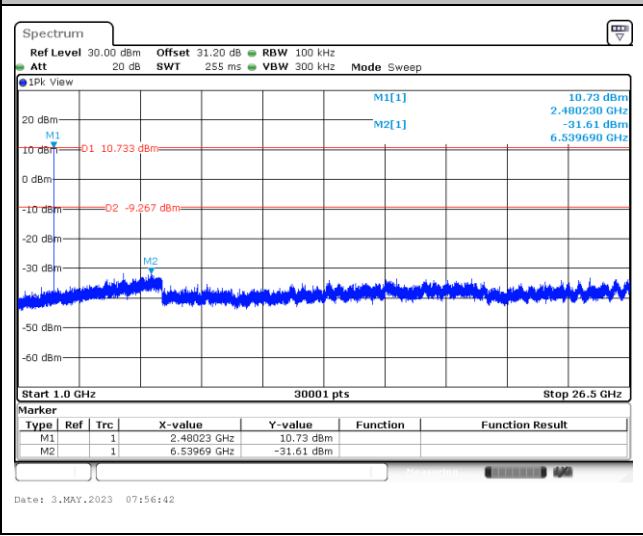




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



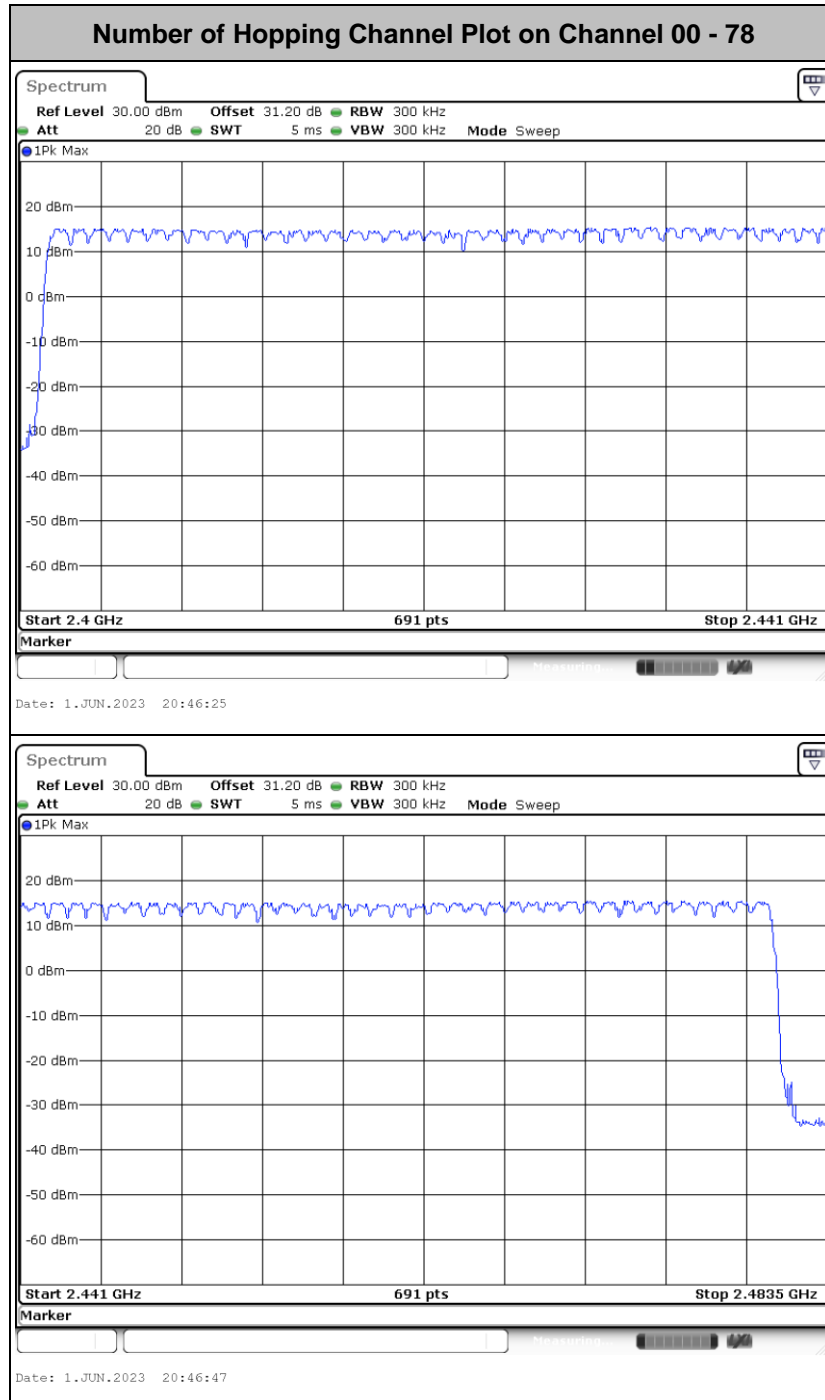
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<TXBF HR 2Mbps Ant.3>

Number of Hopping Frequency

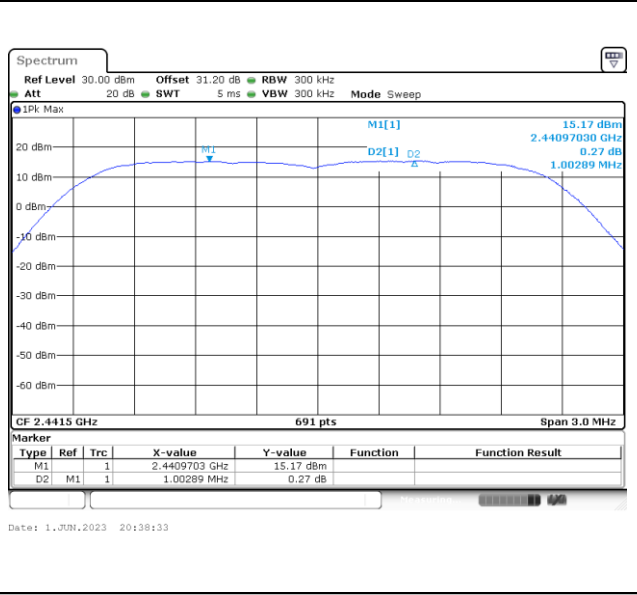
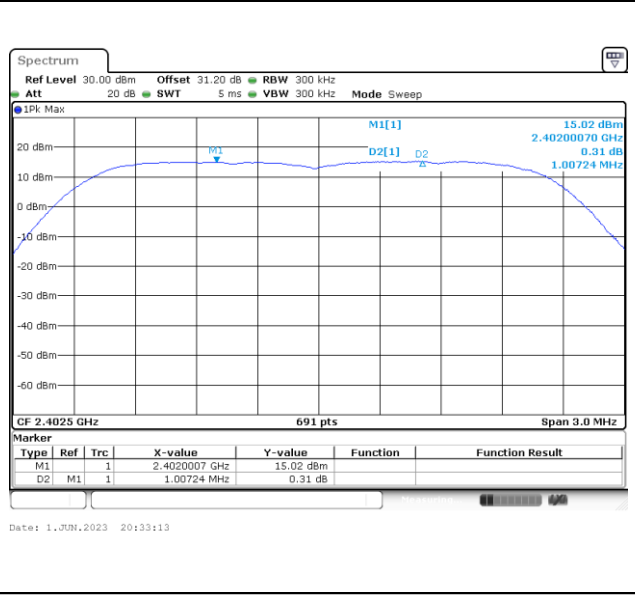




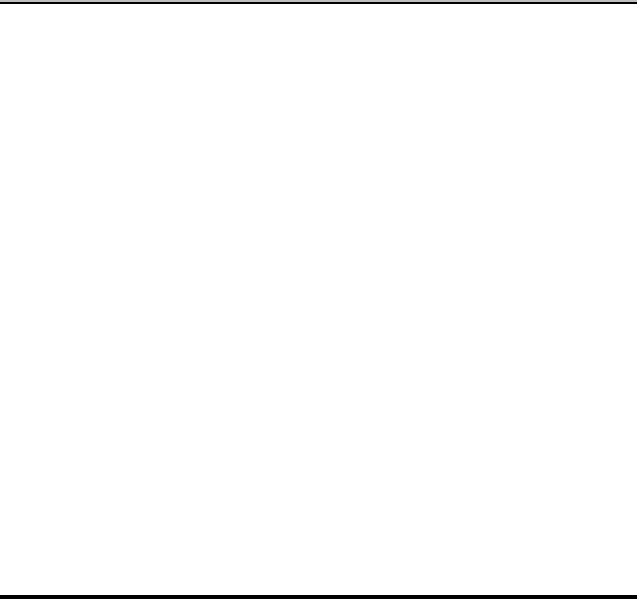
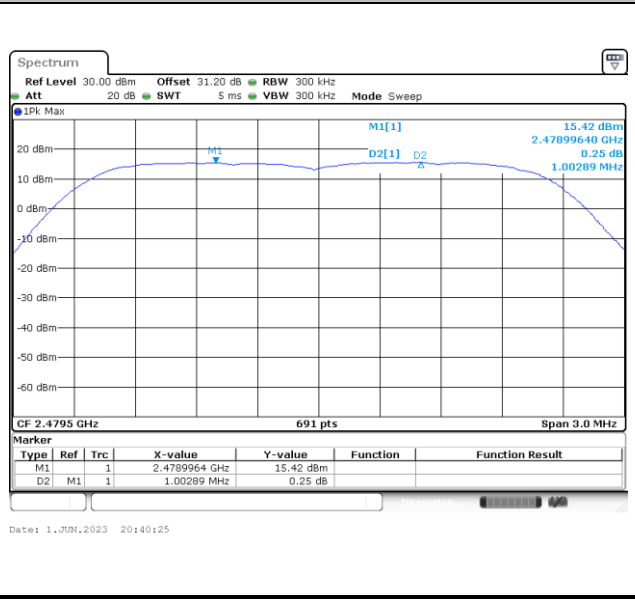
<2Mbps>

Channel Separation Plot on Channel 00 - 01

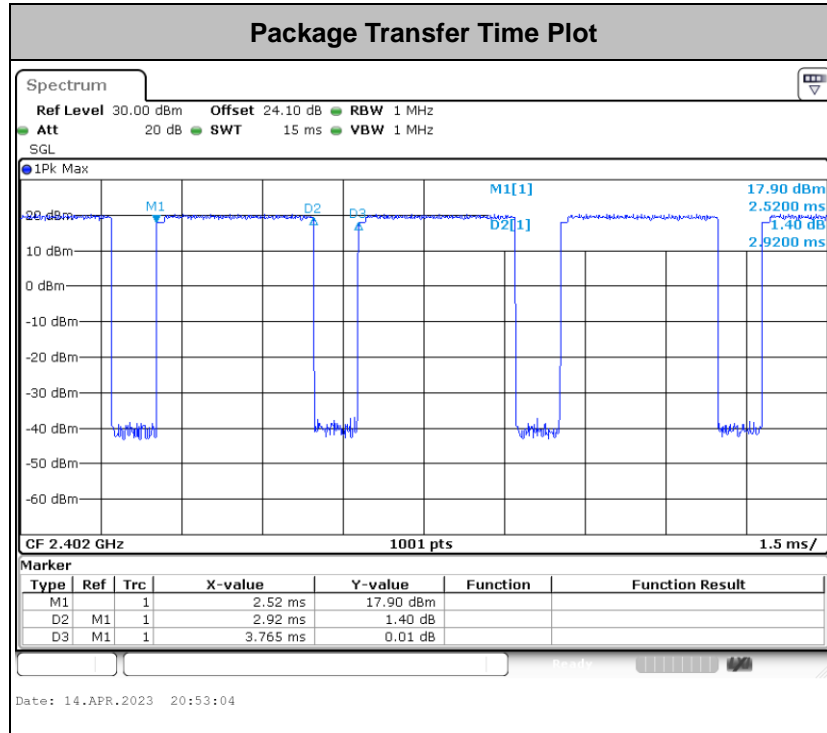
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time



Remark:

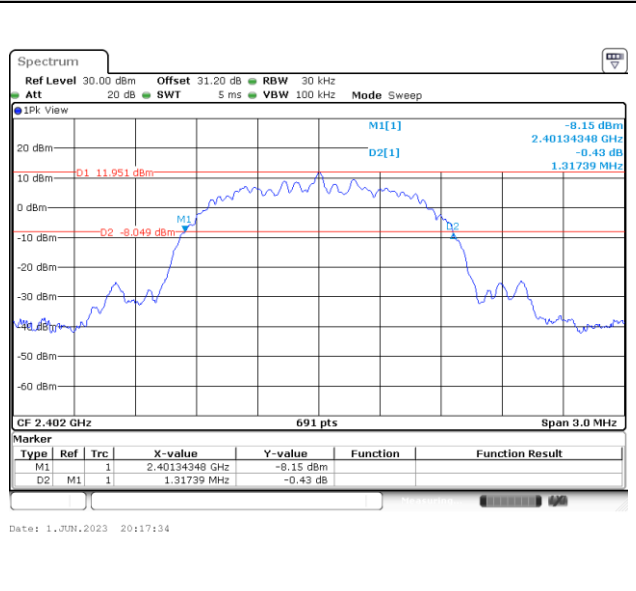
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time



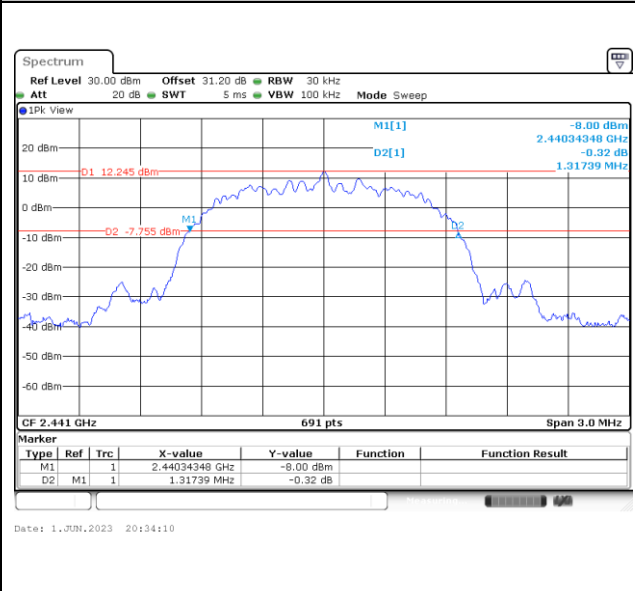
20dB Bandwidth

<2Mbps>

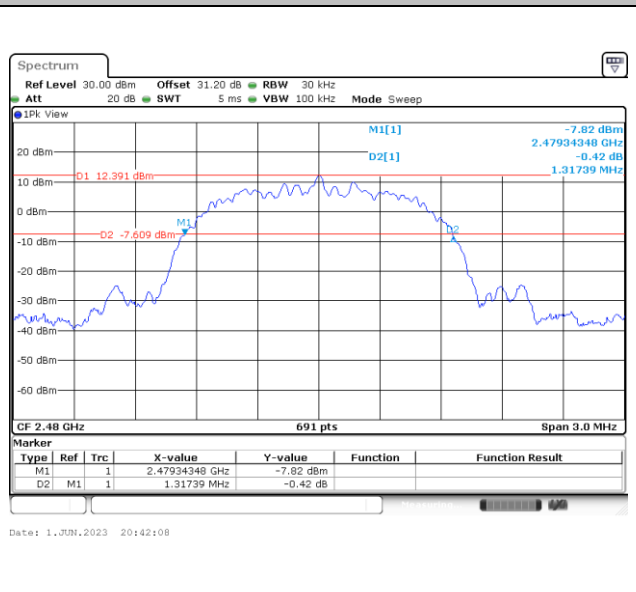
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



20 dB Bandwidth Plot on Channel 78

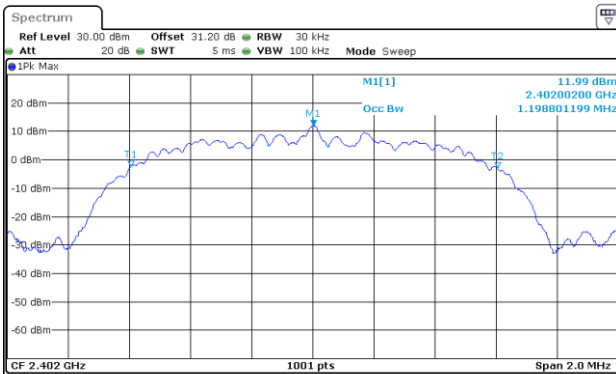




99% Occupied Bandwidth

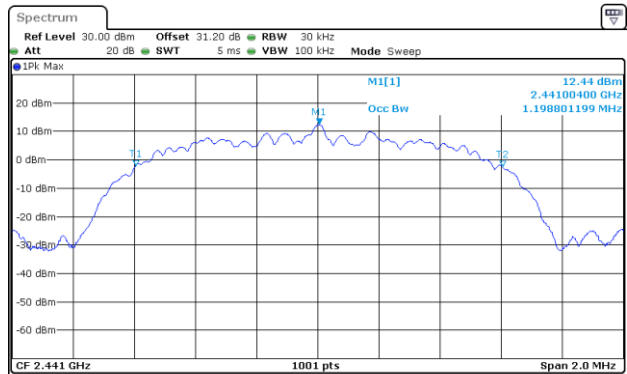
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99% Occupied Bandwidth on Channel 00



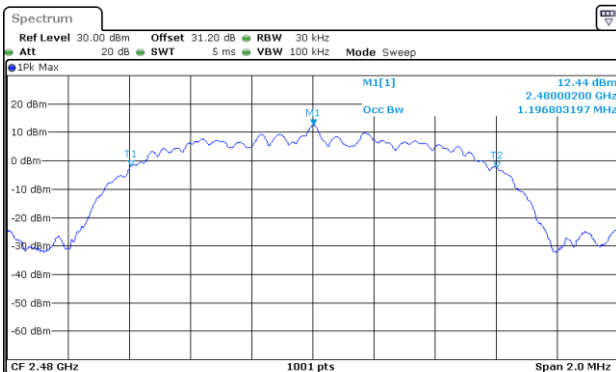
Date: 1.JUN.2023 20:16:51

99% Occupied Bandwidth on Channel 39



Date: 1.JUN.2023 20:33:41

99% Occupied Bandwidth on Channel 78



Date: 1.JUN.2023 20:40:38

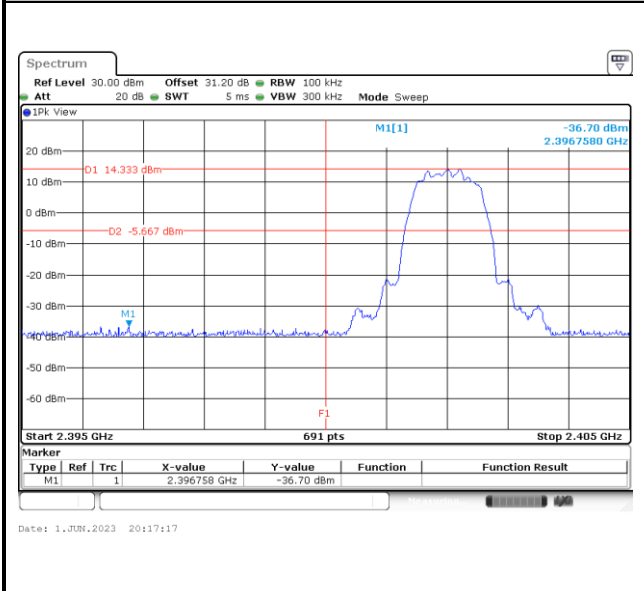
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



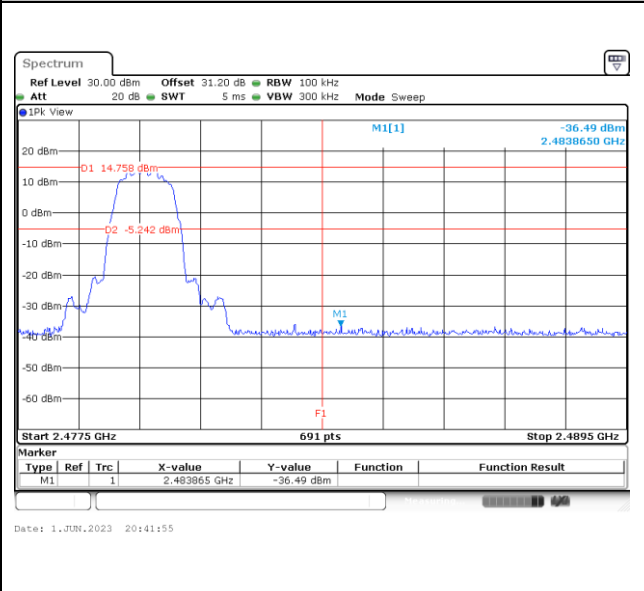
Band Edges

<2Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

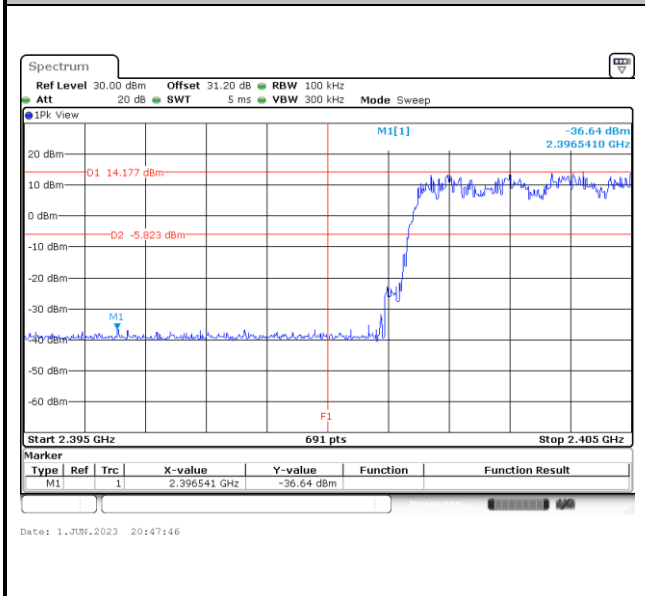




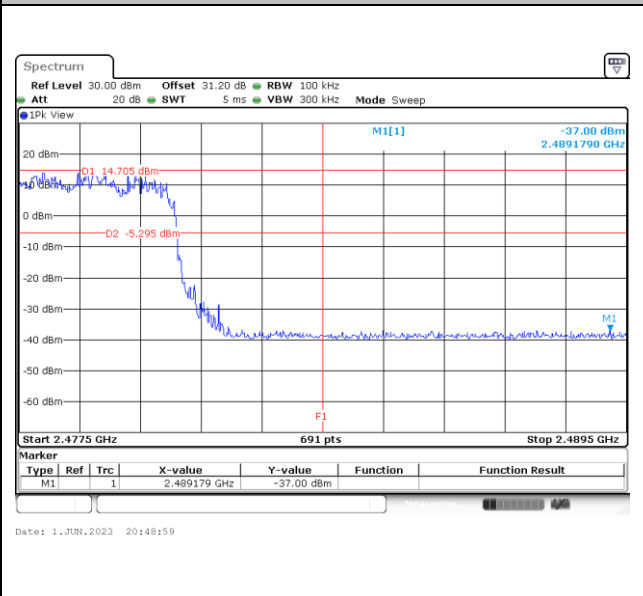
Hopping Mode Band Edges

<2Mbps>

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

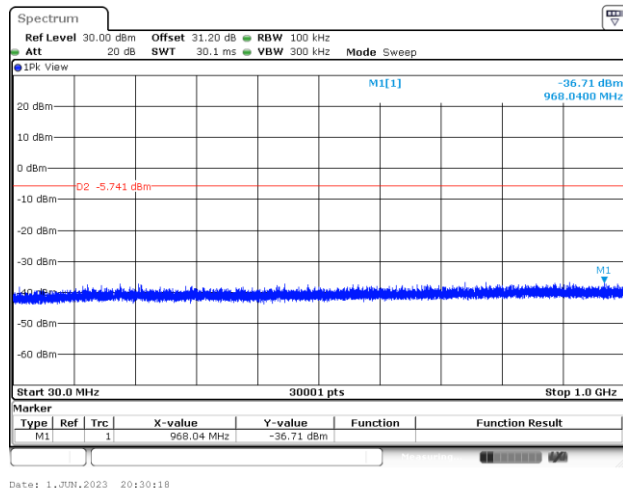




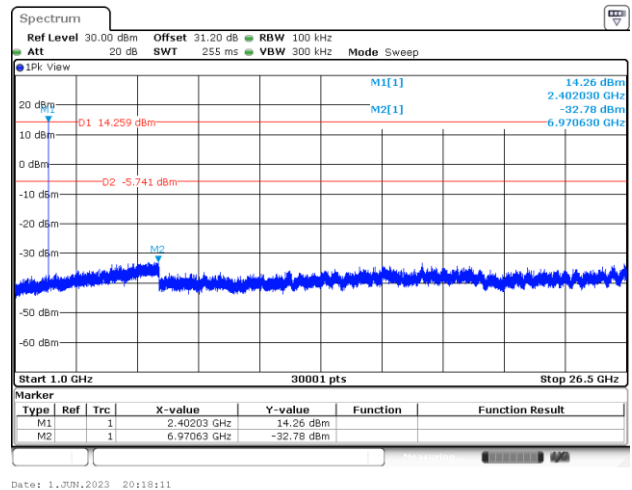
Spurious Emission

<2Mbps>

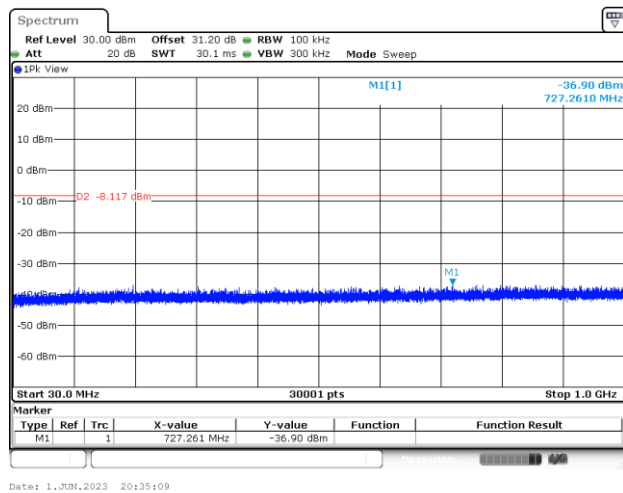
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



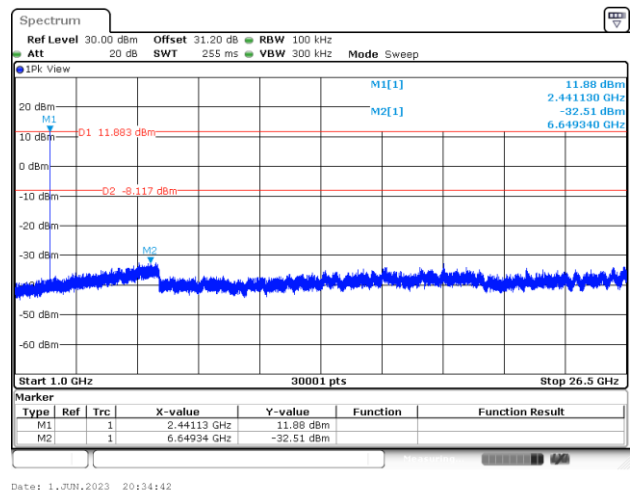
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

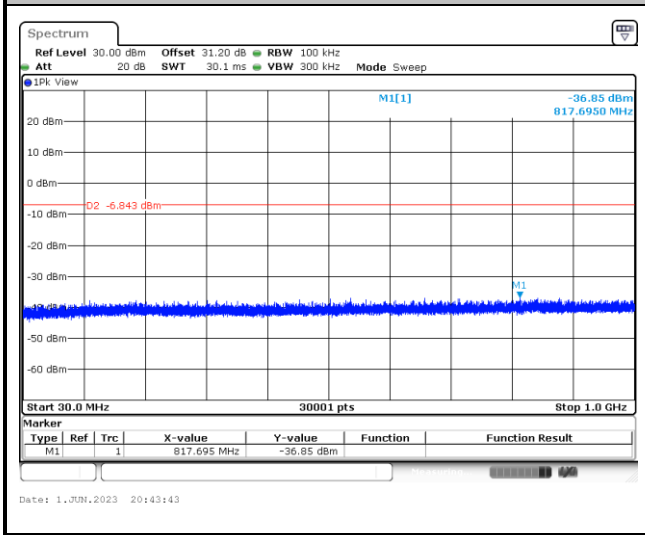


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

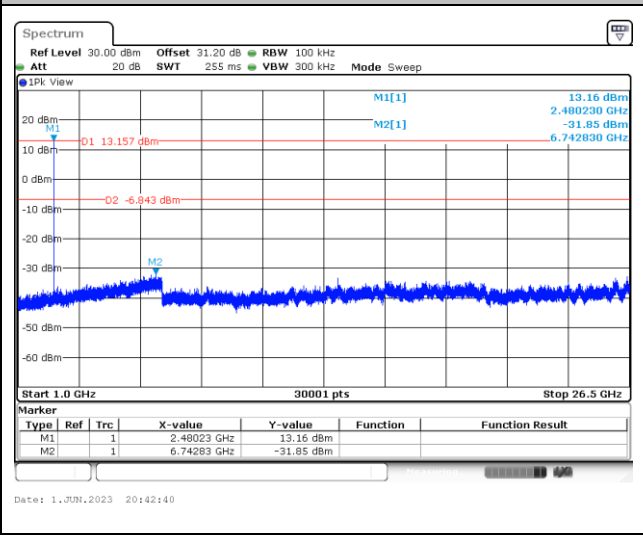




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



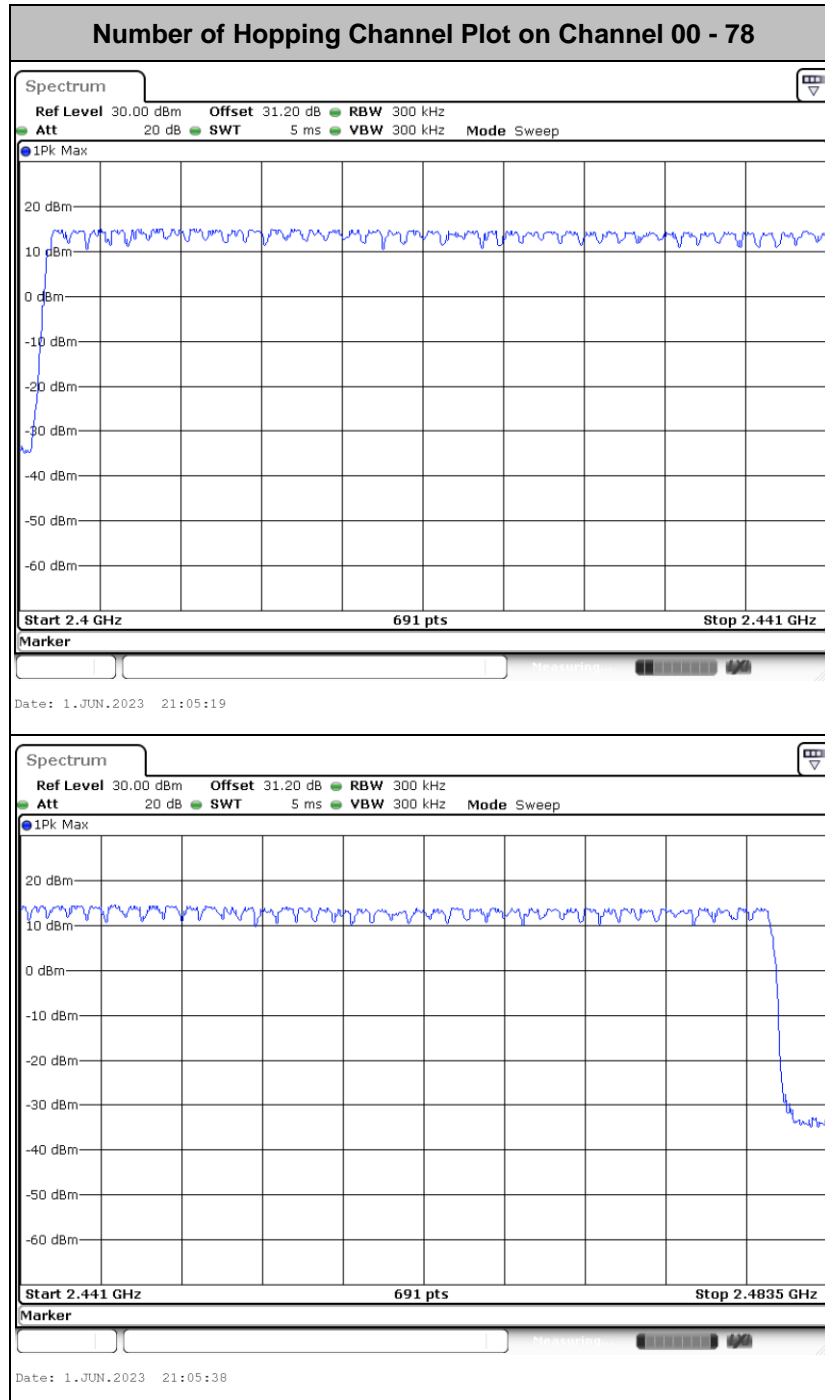
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<TXBF HR 2Mbps Ant.4>

Number of Hopping Frequency

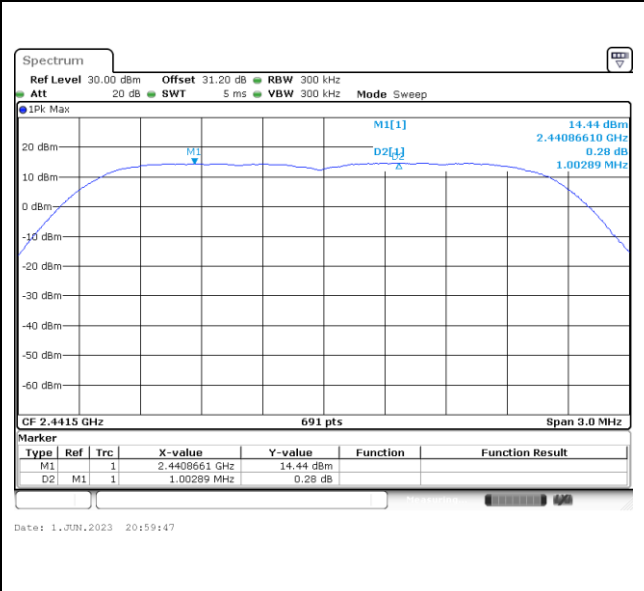
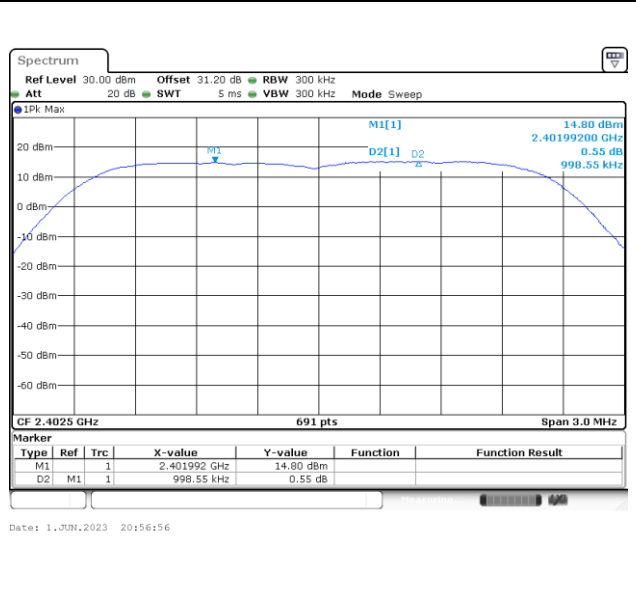




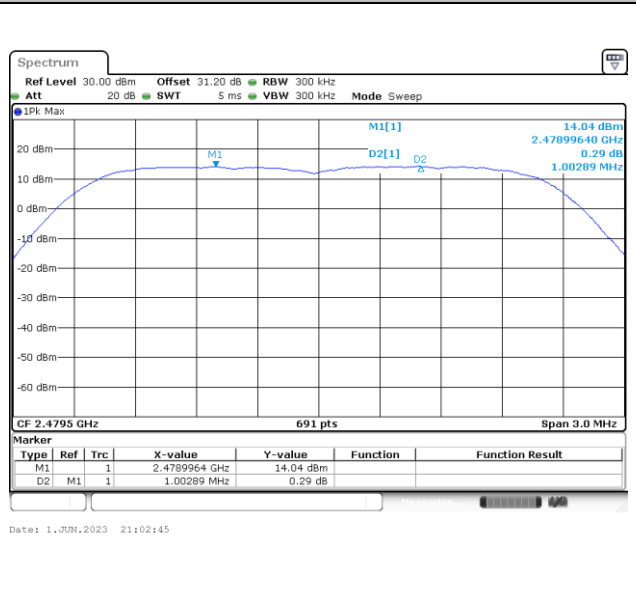
<2Mbps>

Channel Separation Plot on Channel 00 - 01

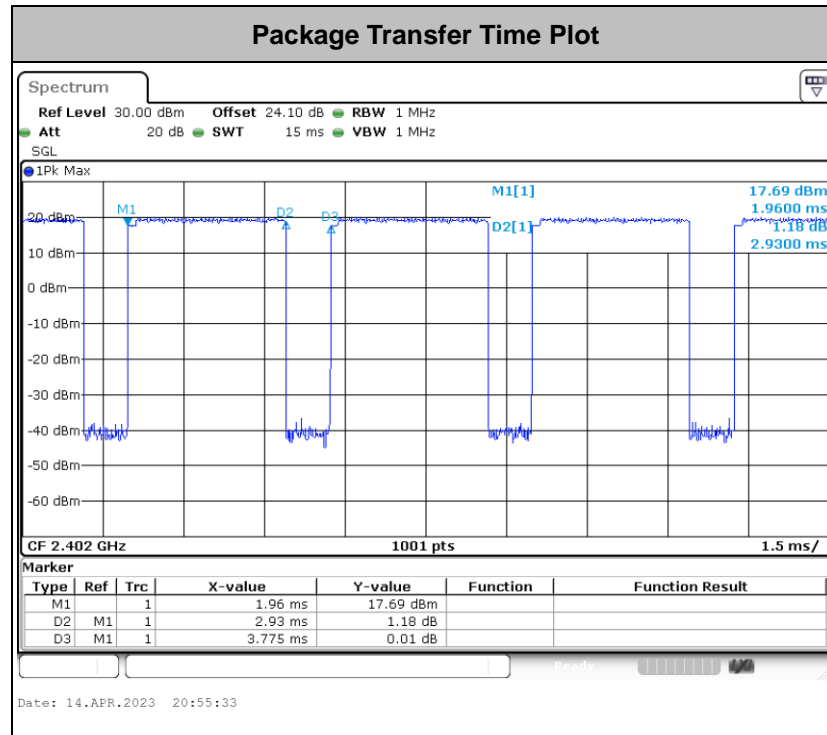
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time



Remark:

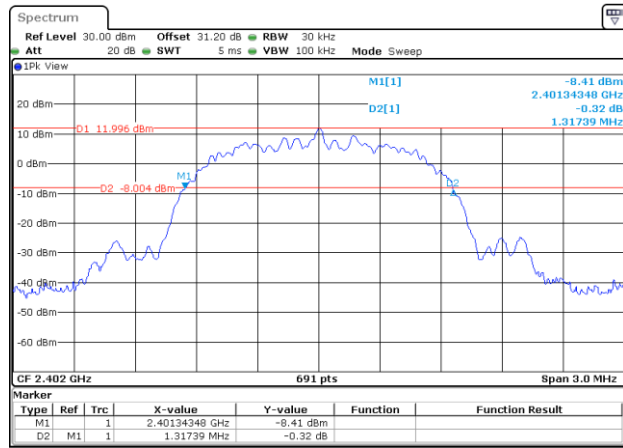
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time



20dB Bandwidth

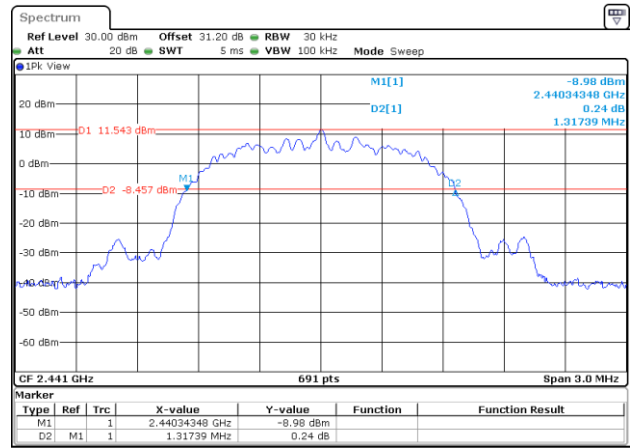
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20 dB Bandwidth Plot on Channel 00



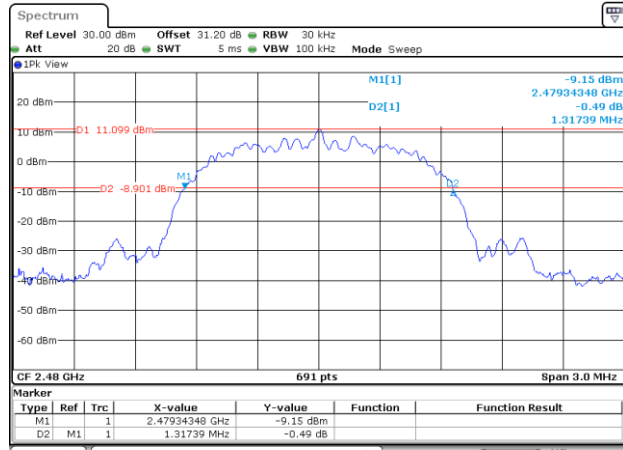
Date: 1.JUN.2023 20:54:48

20 dB Bandwidth Plot on Channel 39



Date: 1.JUN.2023 20:57:51

20 dB Bandwidth Plot on Channel 78



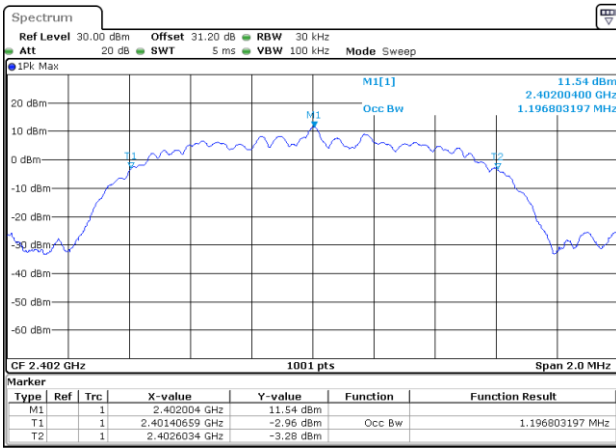
Date: 1.JUN.2023 21:03:36



99% Occupied Bandwidth

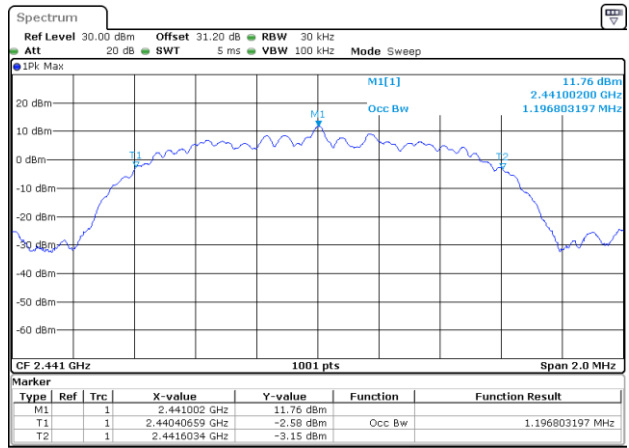
<2Mbps>

99% Occupied Bandwidth on Channel 00



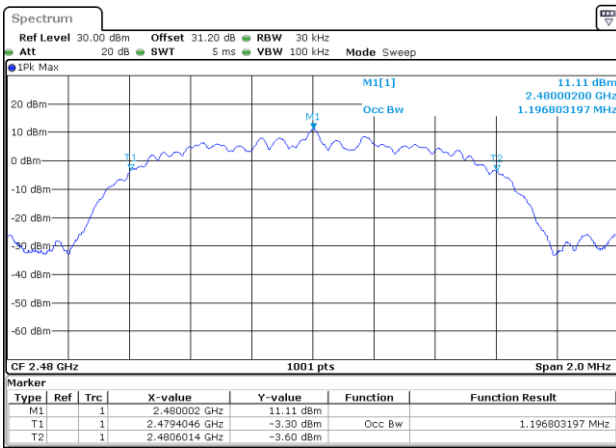
Date: 1.JUN.2023 20:53:59

99% Occupied Bandwidth on Channel 39



Date: 1.JUN.2023 20:57:33

99% Occupied Bandwidth on Channel 78



Date: 1.JUN.2023 21:02:57

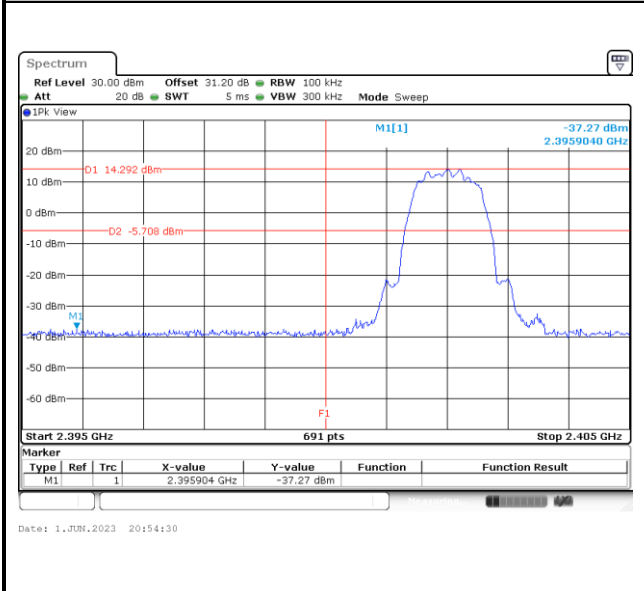
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



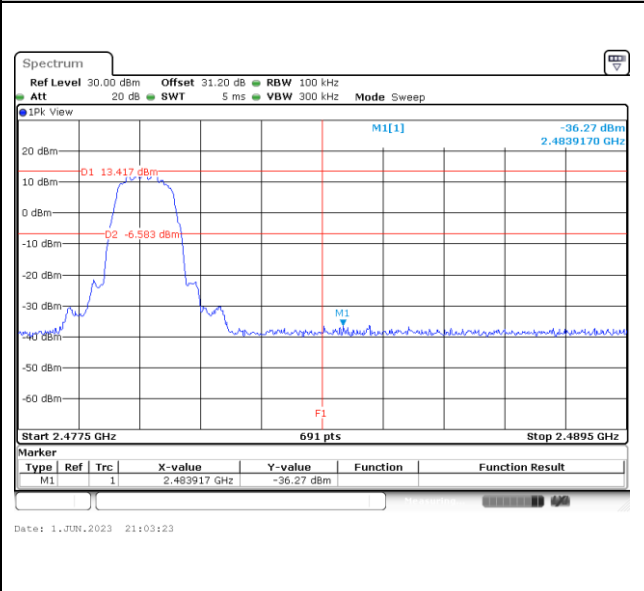
Band Edges

<2Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

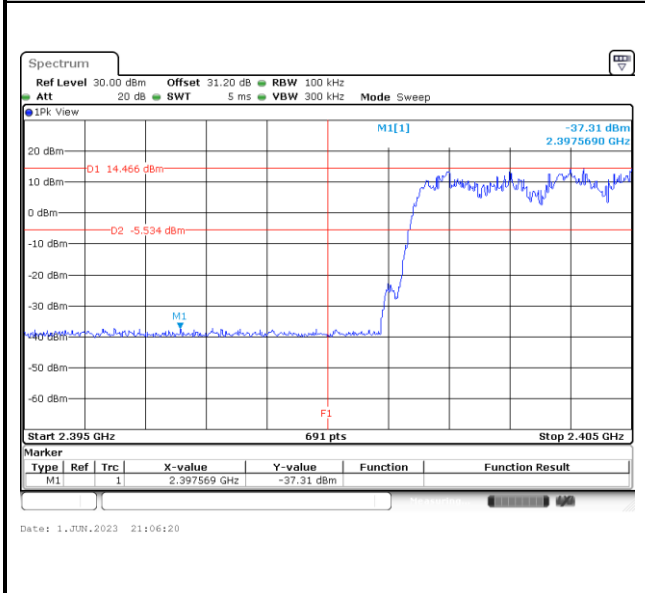




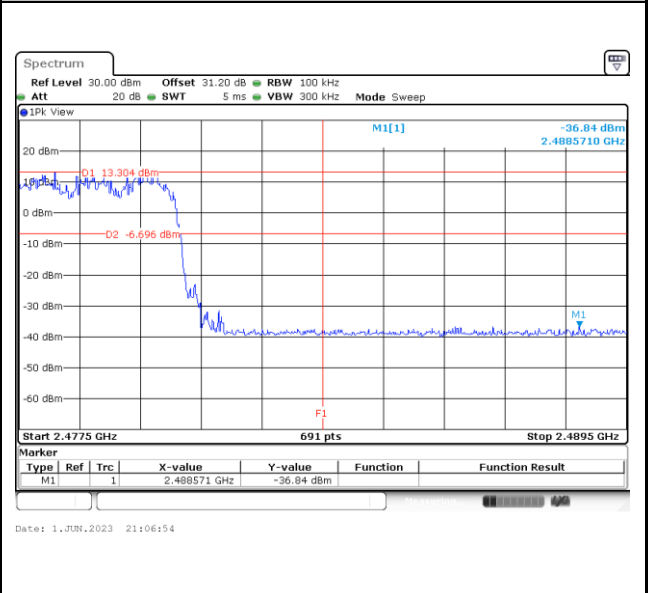
Hopping Mode Band Edges

<2Mbps>

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

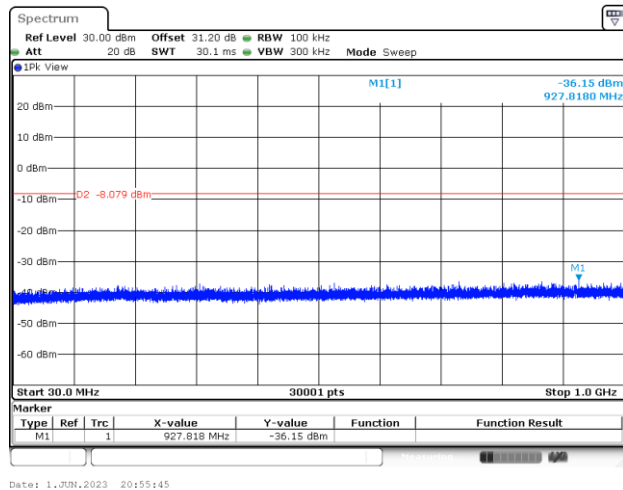




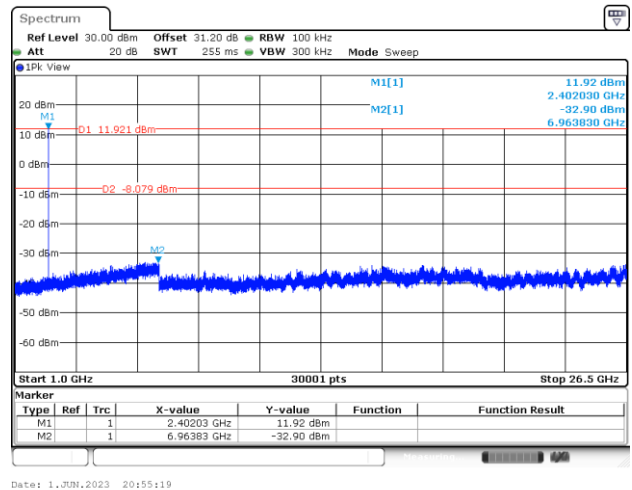
Spurious Emission

<2Mbps>

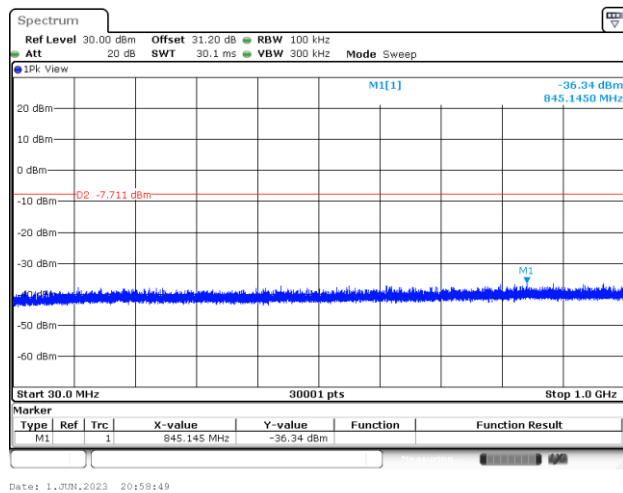
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz



CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

