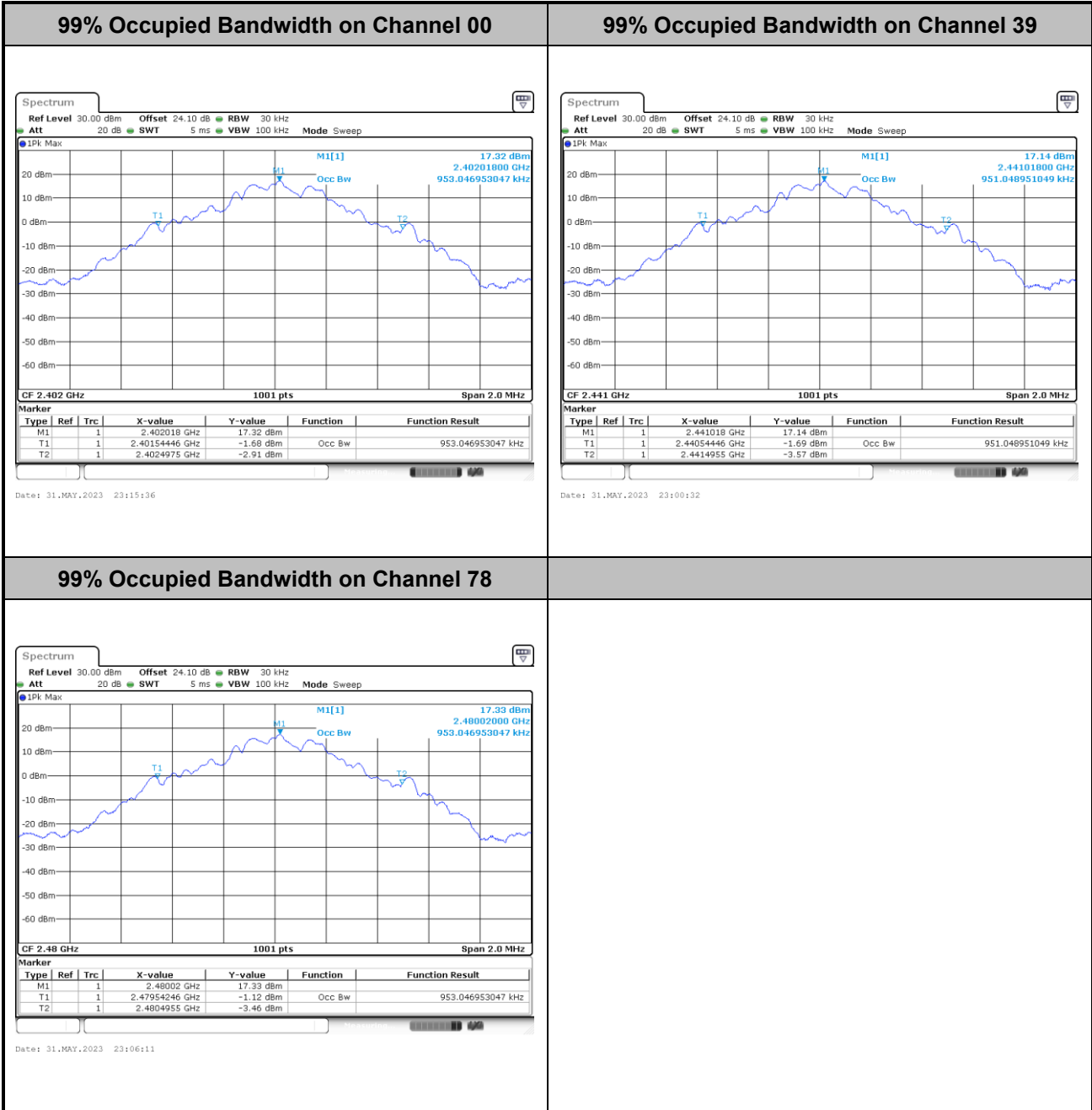




99% Occupied Bandwidth

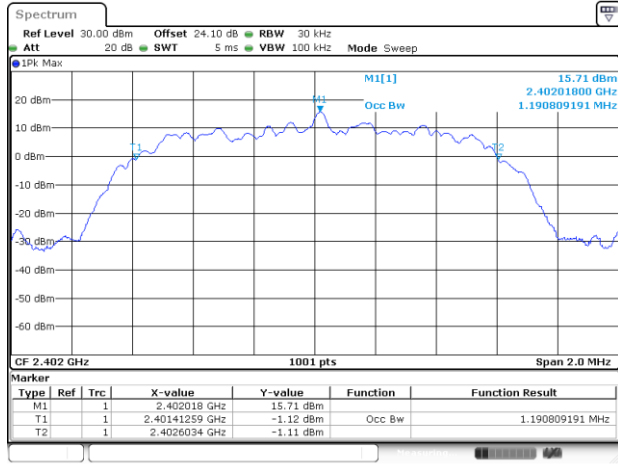
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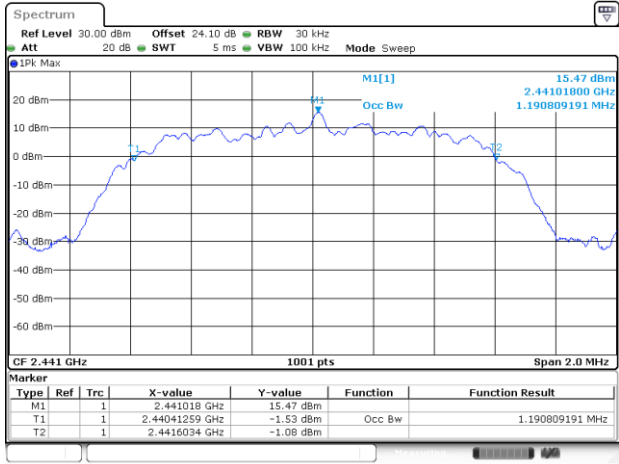
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99% Occupied Bandwidth on Channel 00



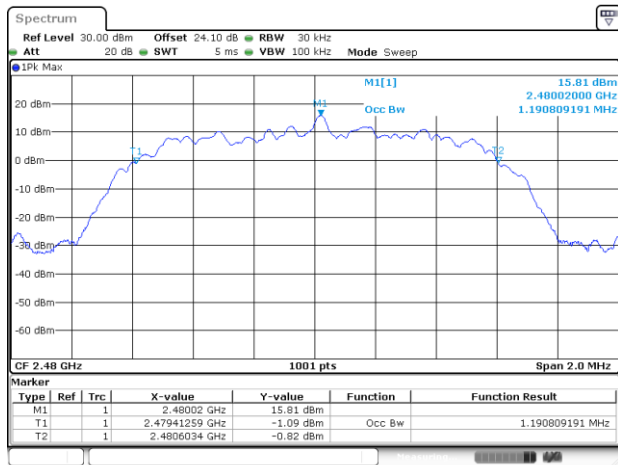
Date: 31.MAY.2023 23:20:58

99% Occupied Bandwidth on Channel 39



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

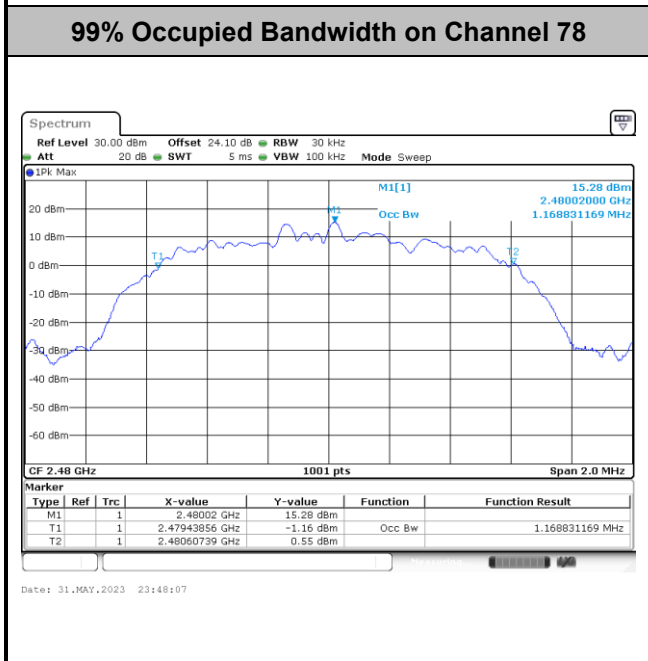
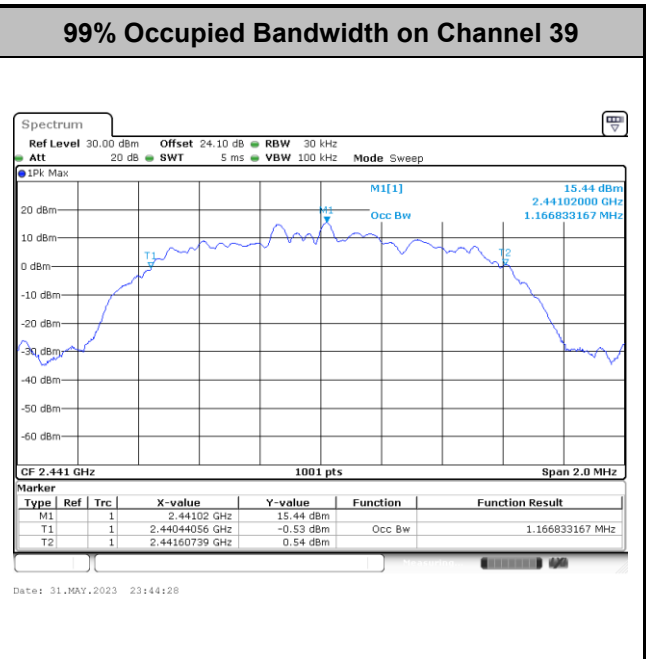
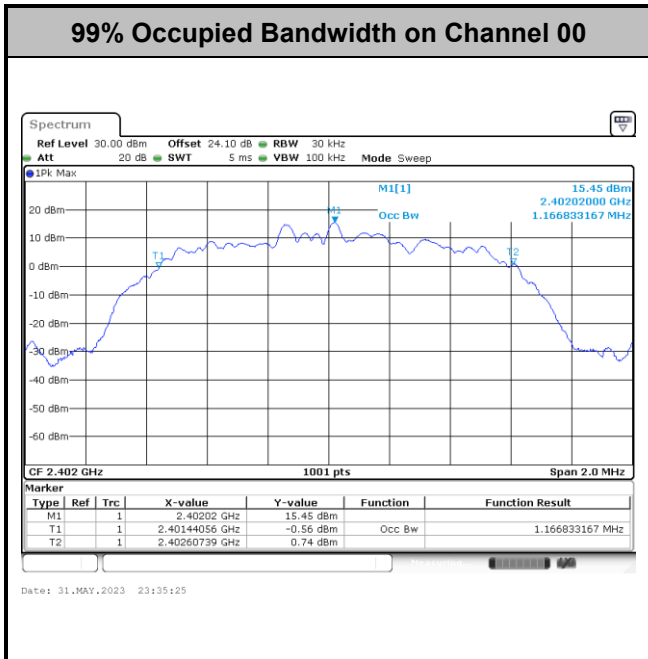
99% Occupied Bandwidth on Channel 78



Date: 31.MAY.2023 23:31:25



<3Mbps>

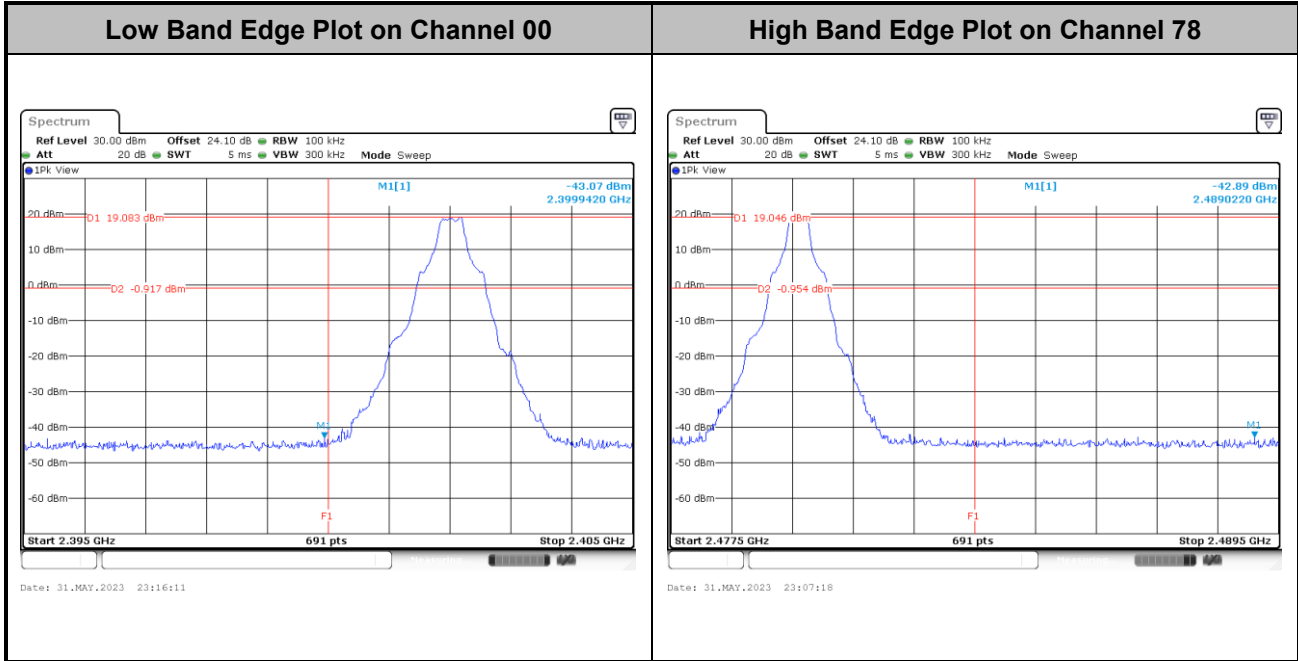


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

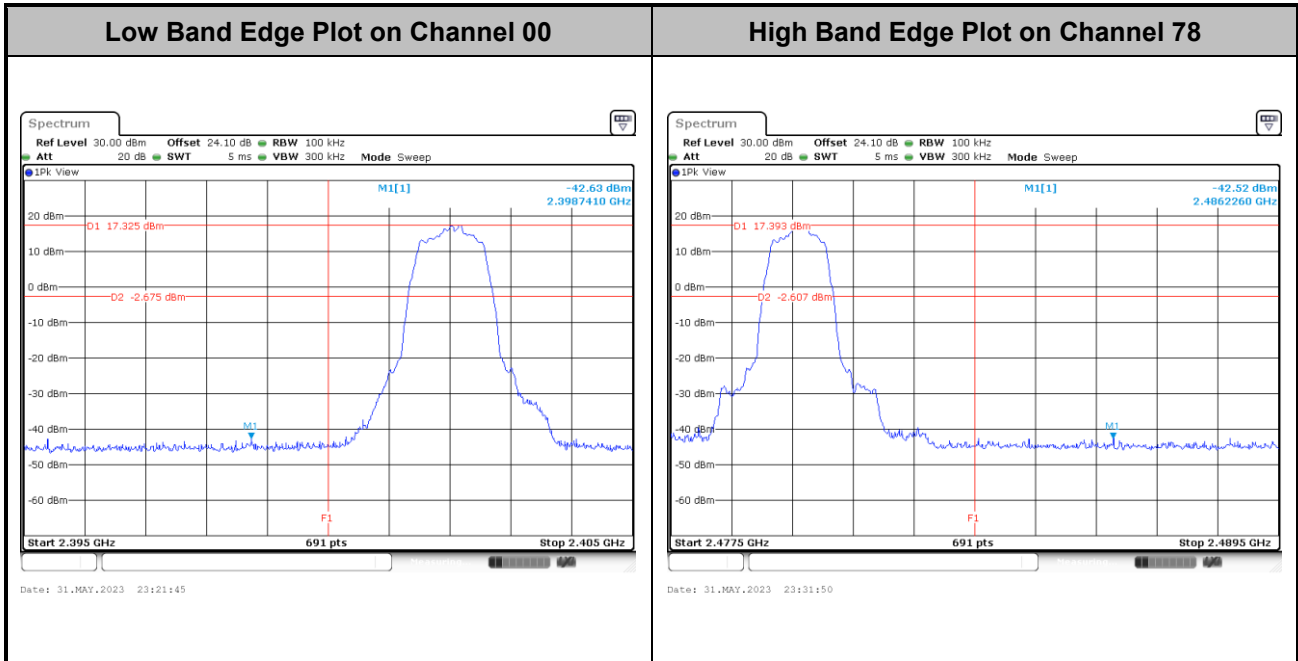


Band Edges

<1Mbps>

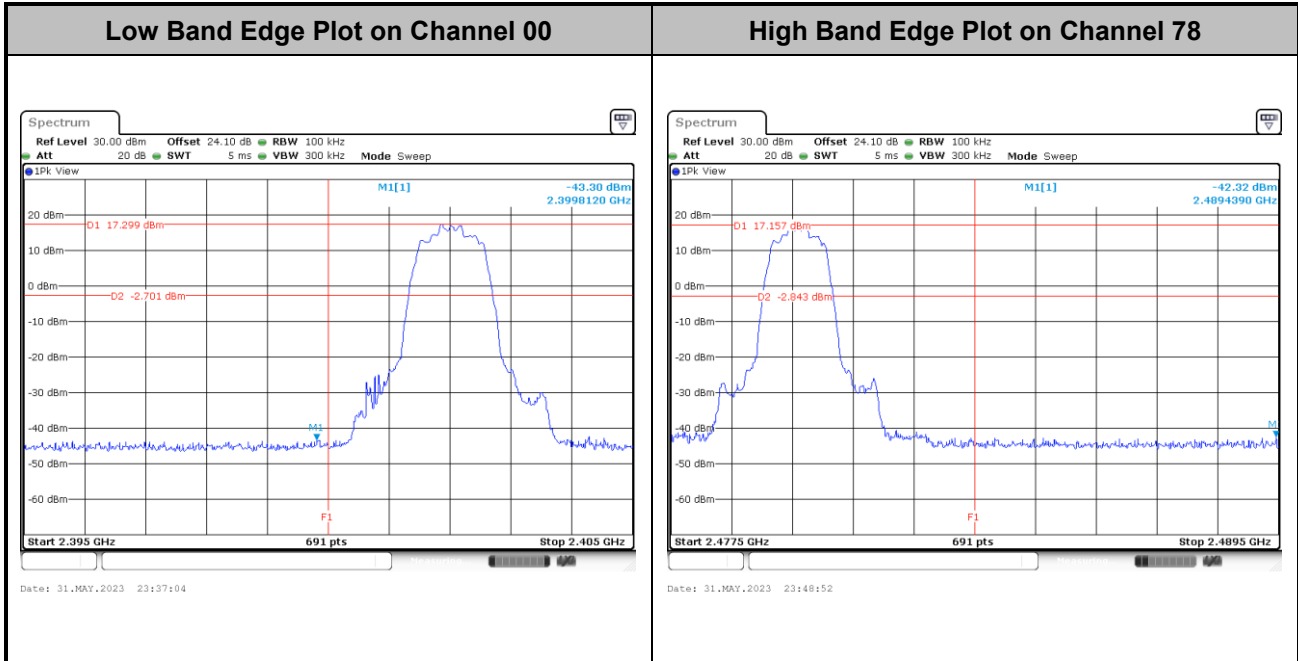


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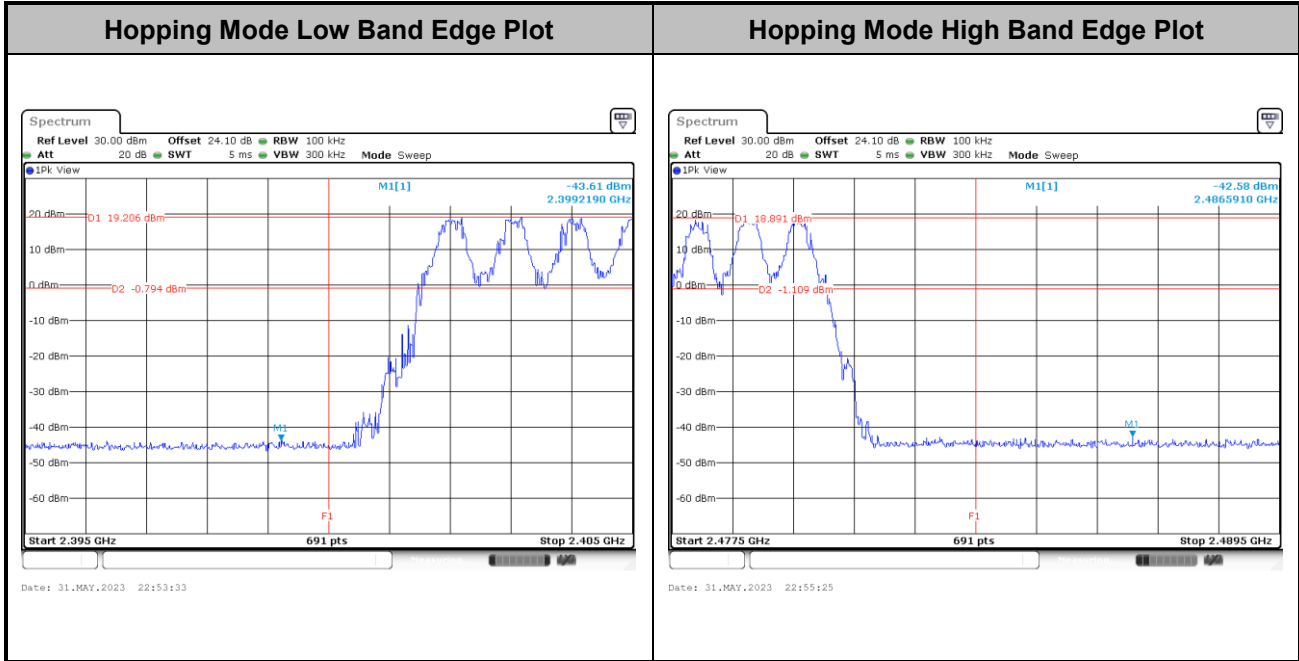
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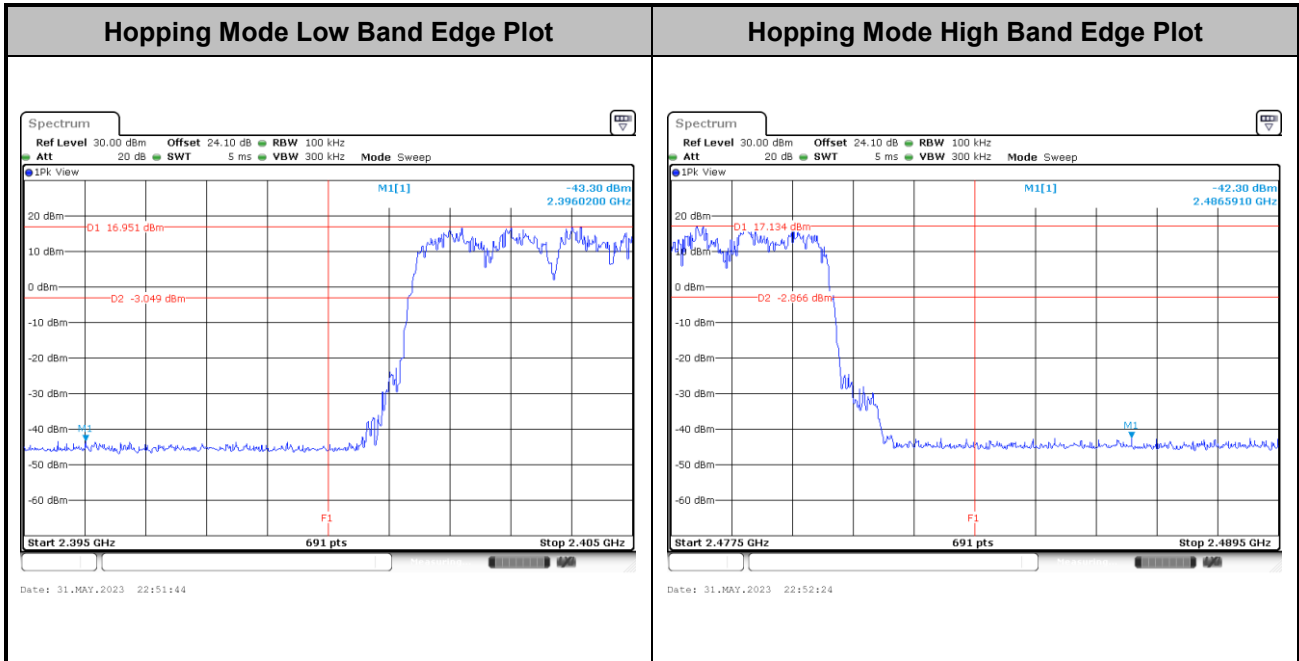


Hopping Mode Band Edges

<1Mbps>

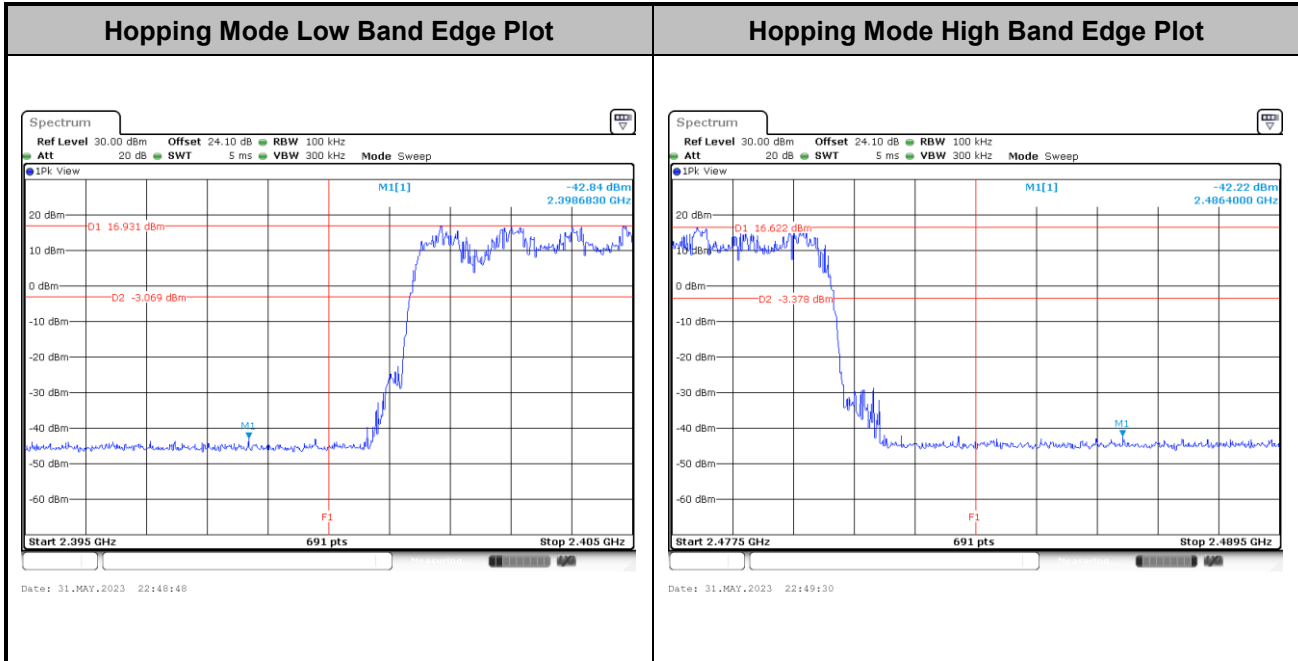


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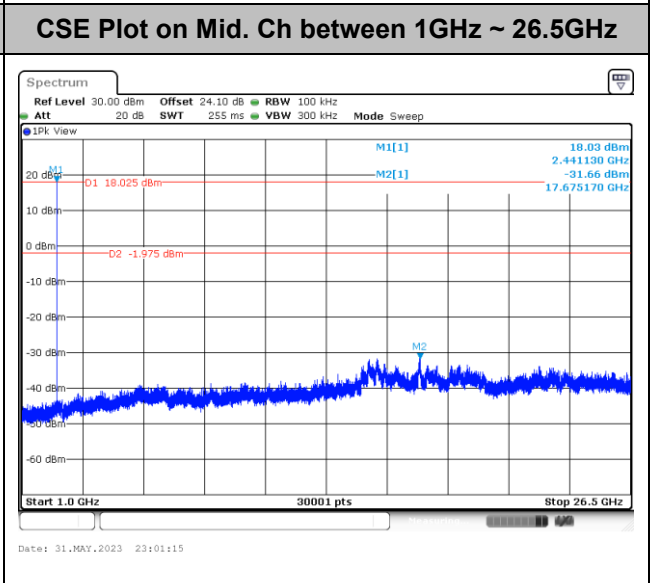
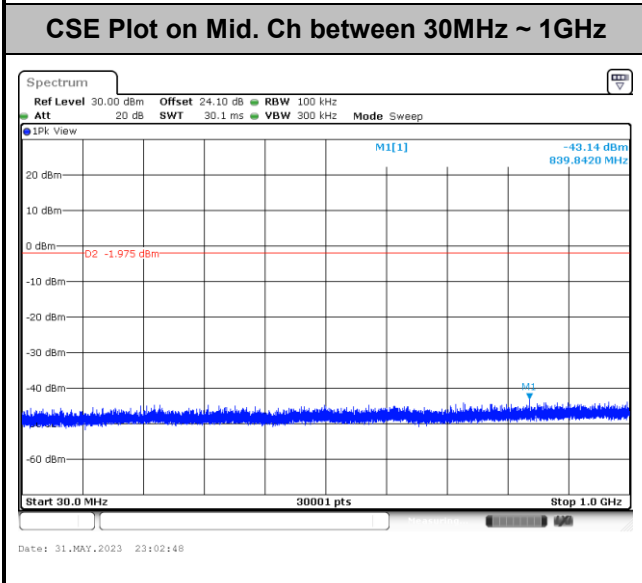
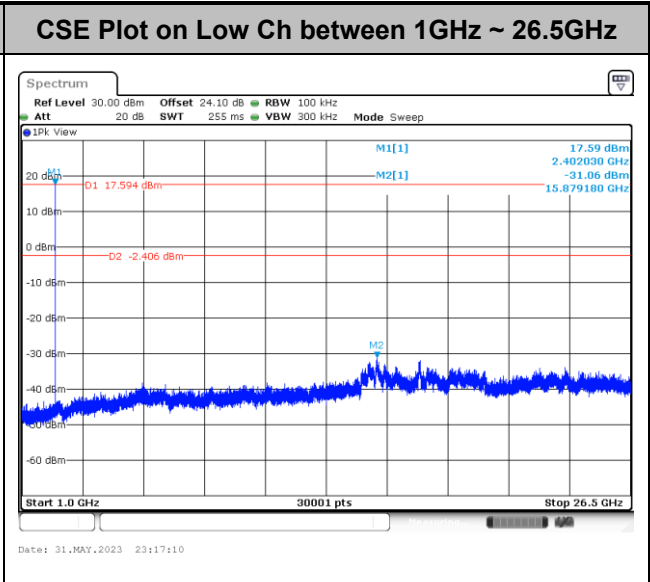
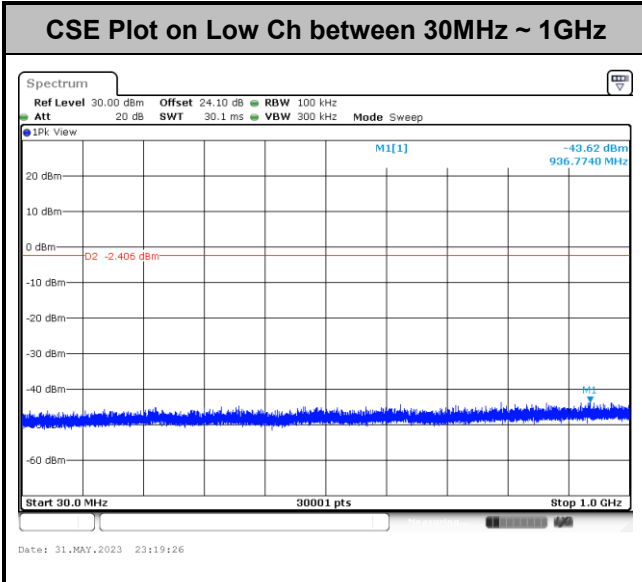
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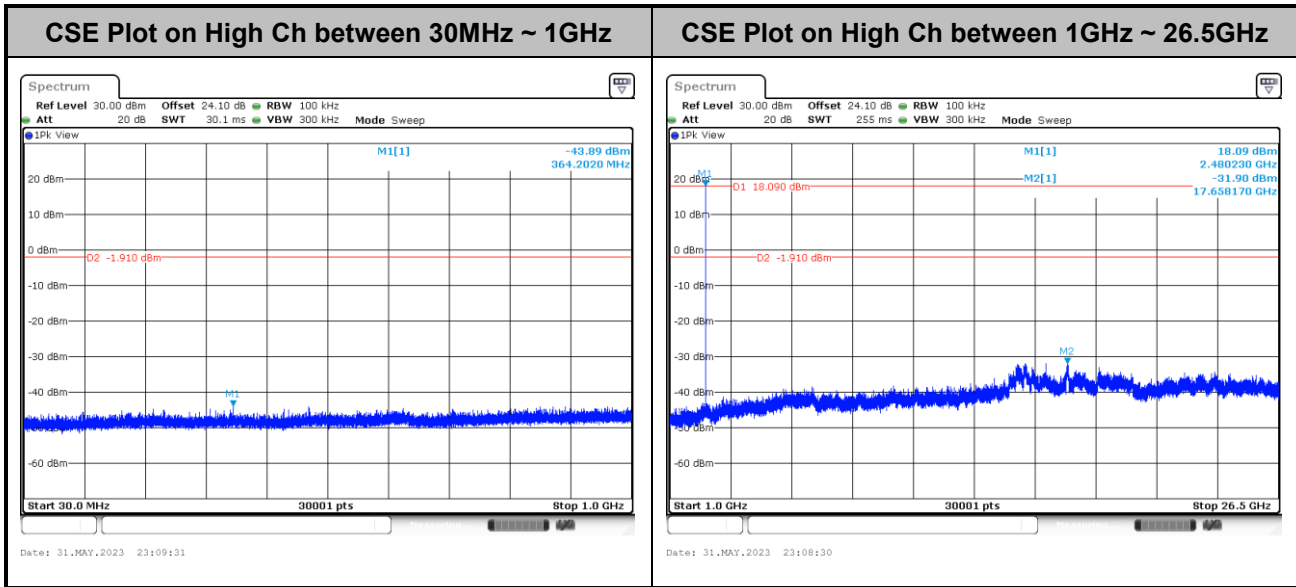




Conducted Spurious Emission

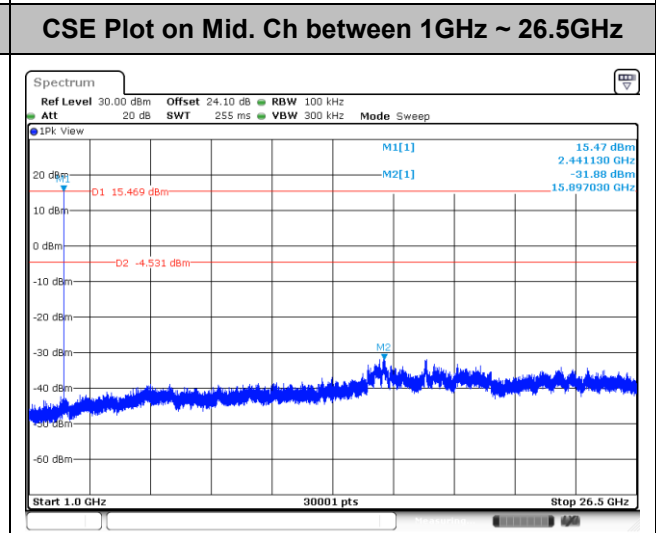
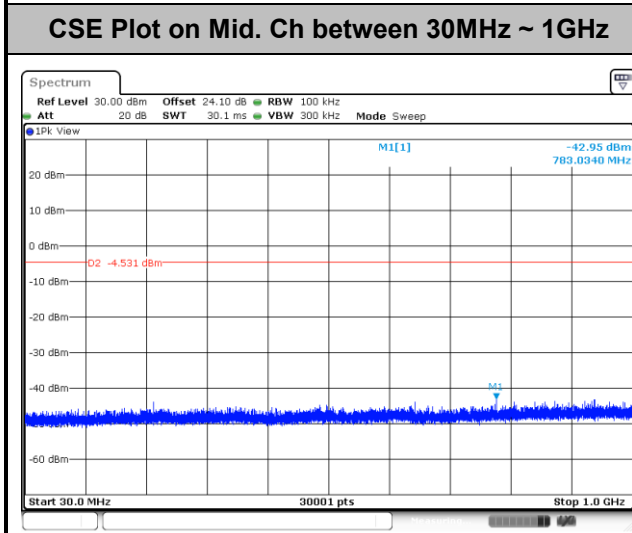
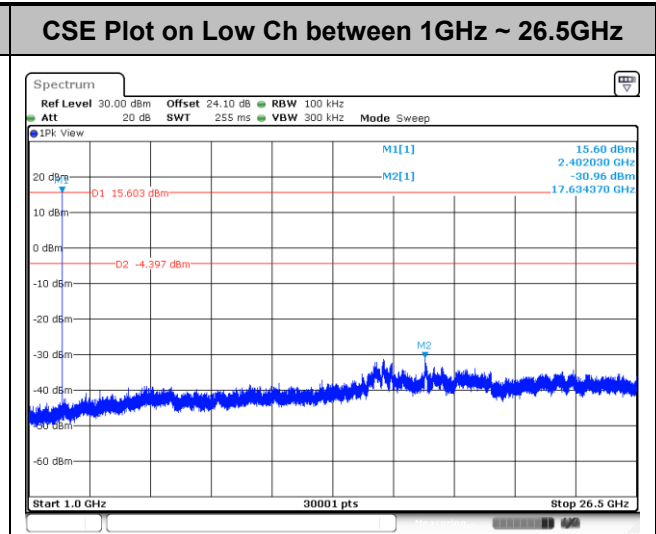
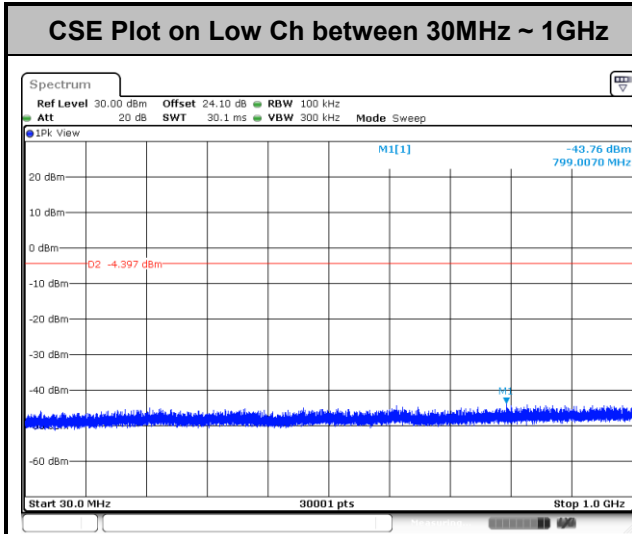
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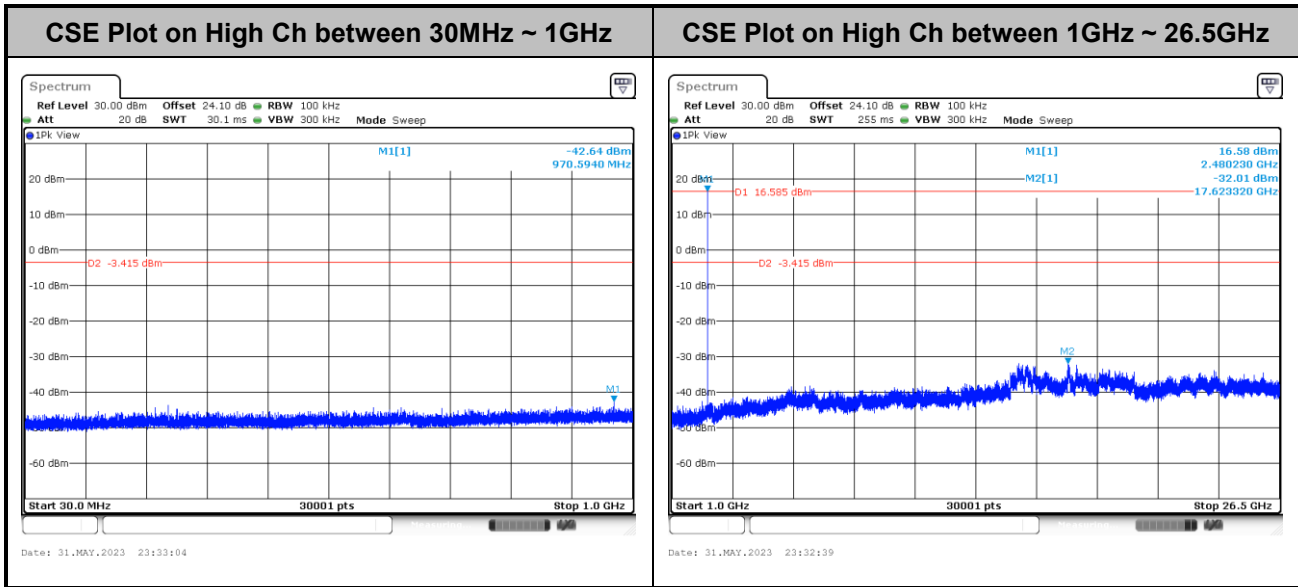






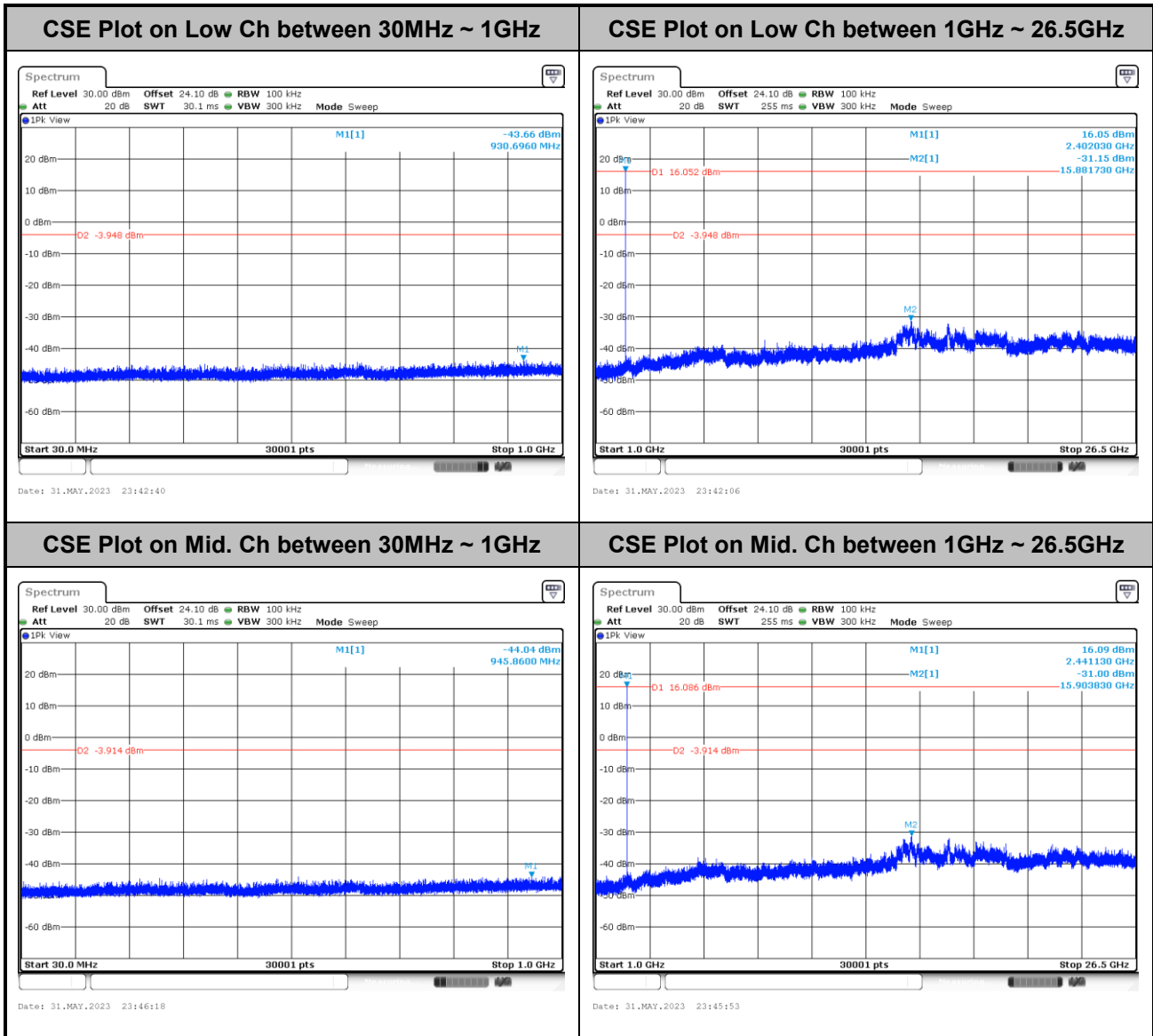
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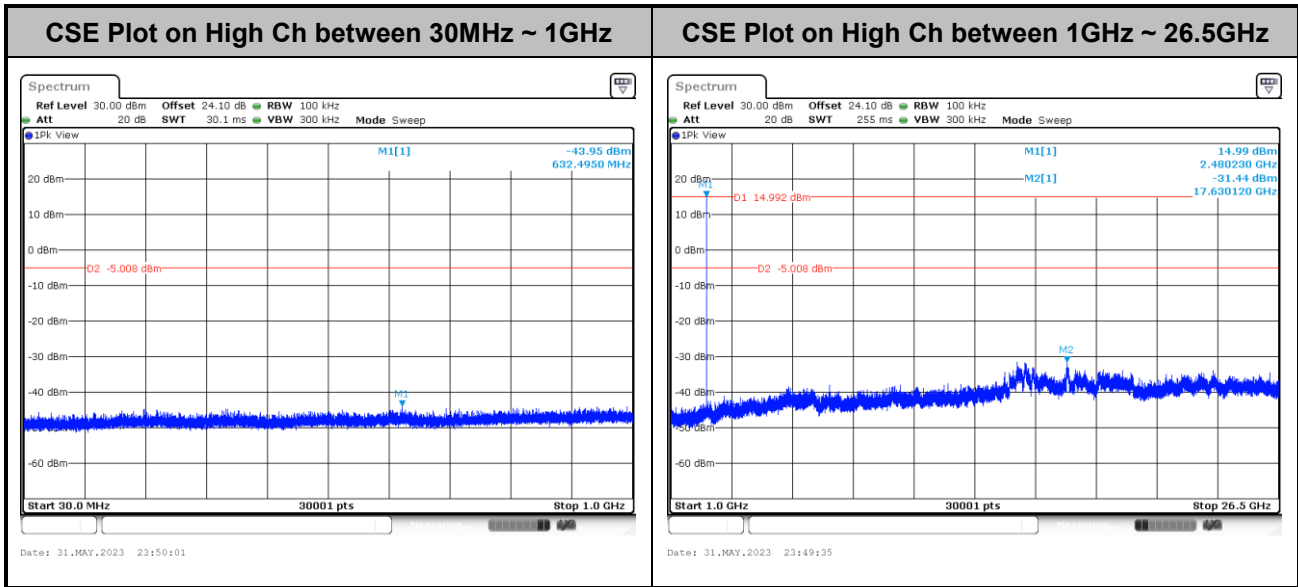






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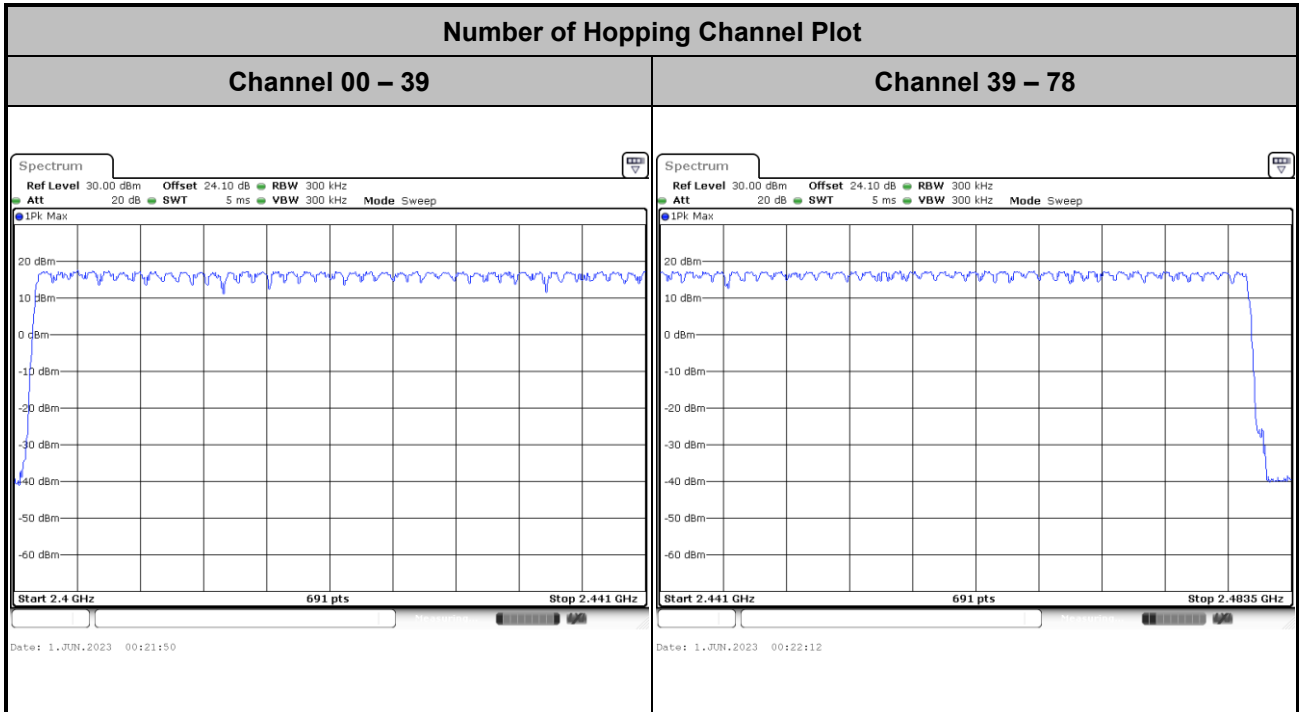






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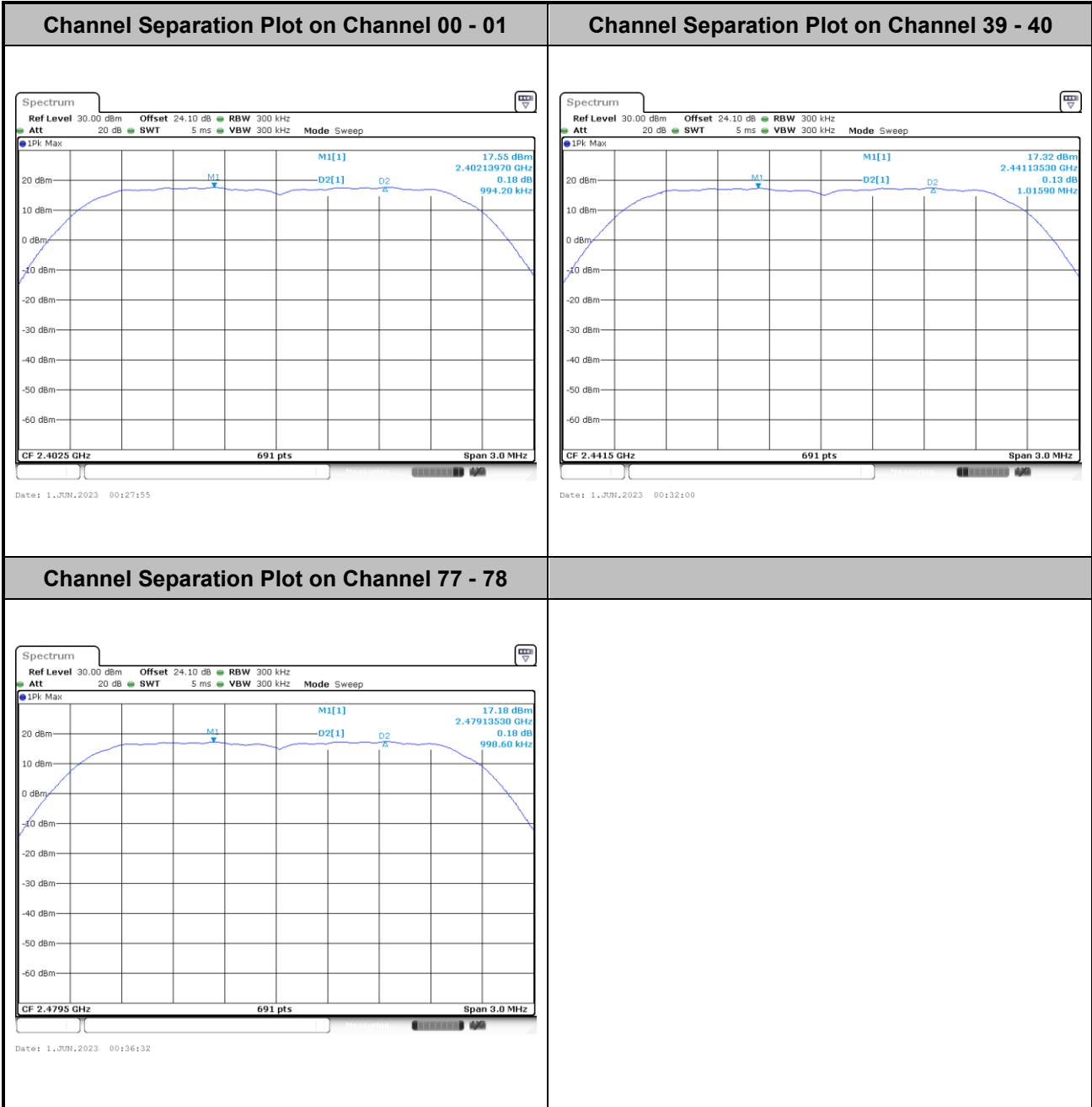
Number of Hopping Frequency





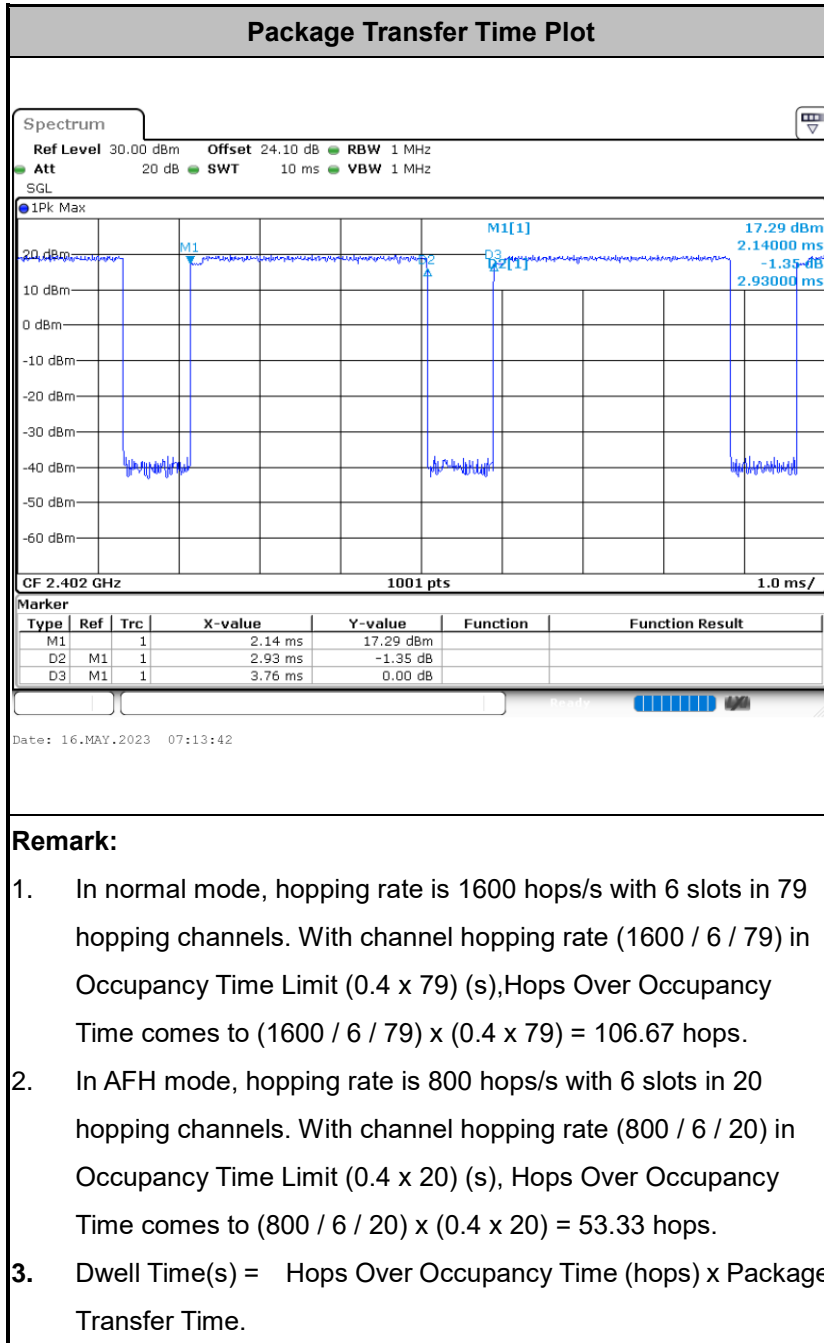
Hopping Channel Separation

<2Mbps>





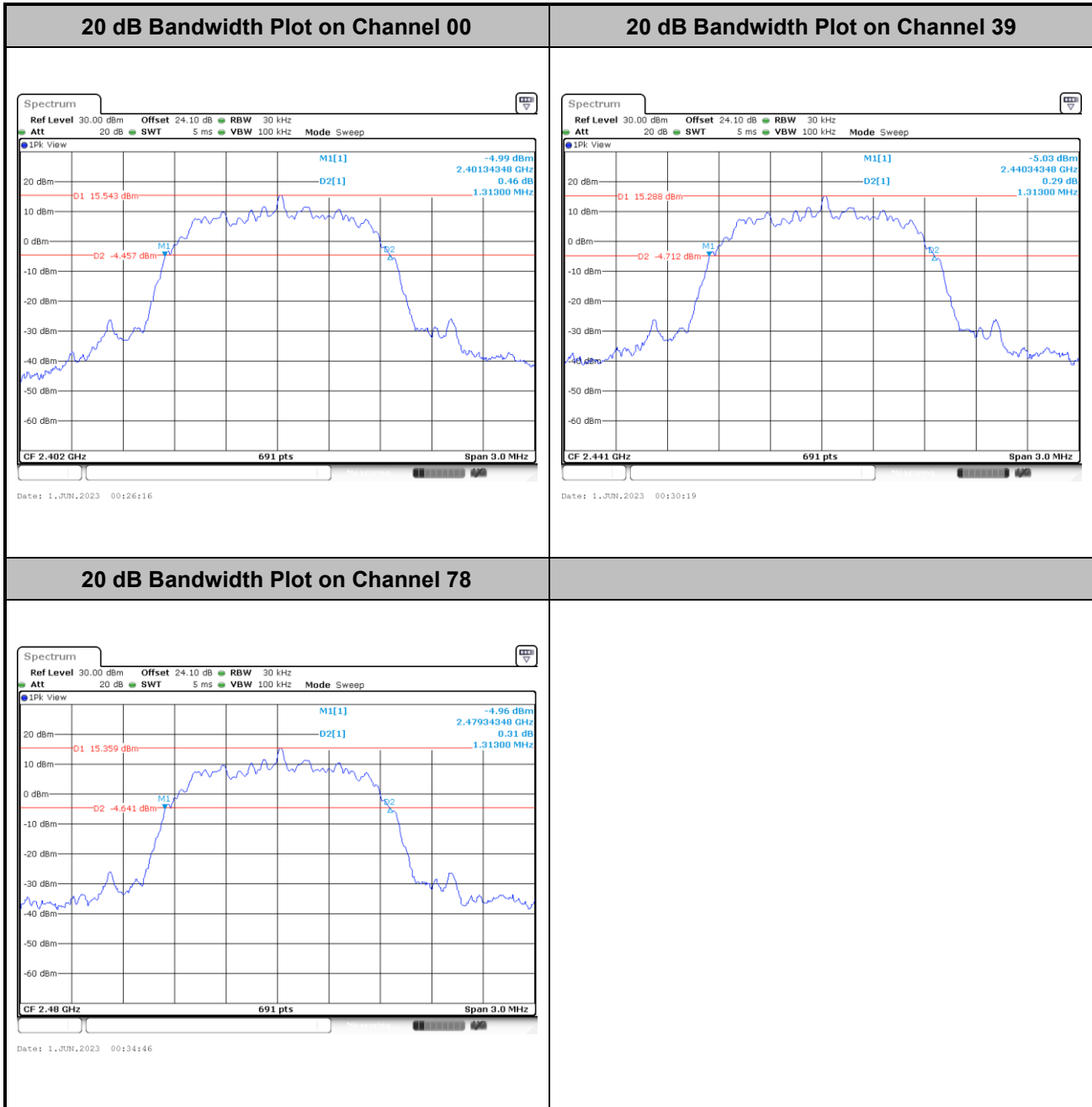
Dwell Time





20dB Bandwidth

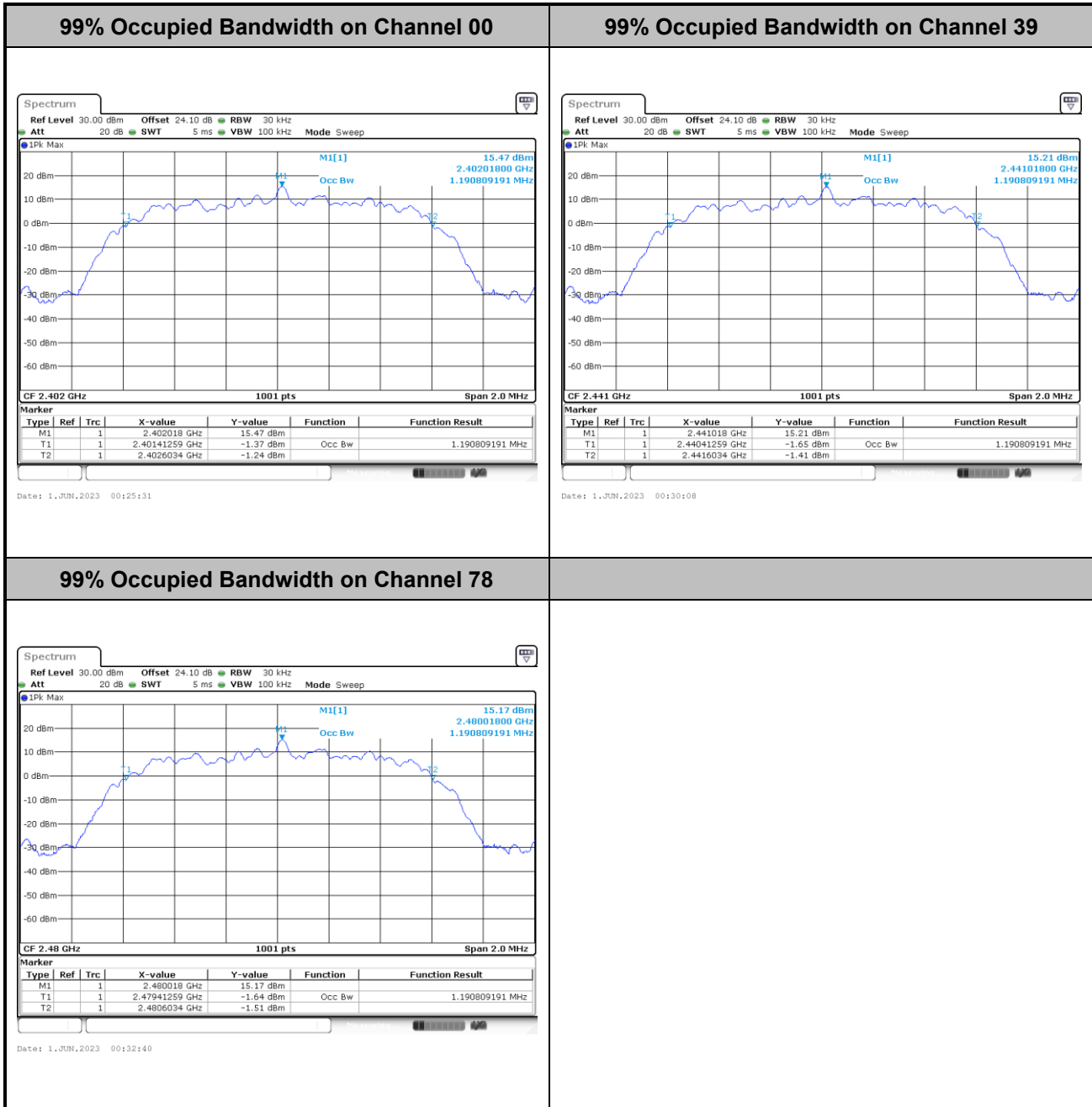
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99% Occupied Bandwidth

<2Mbps>

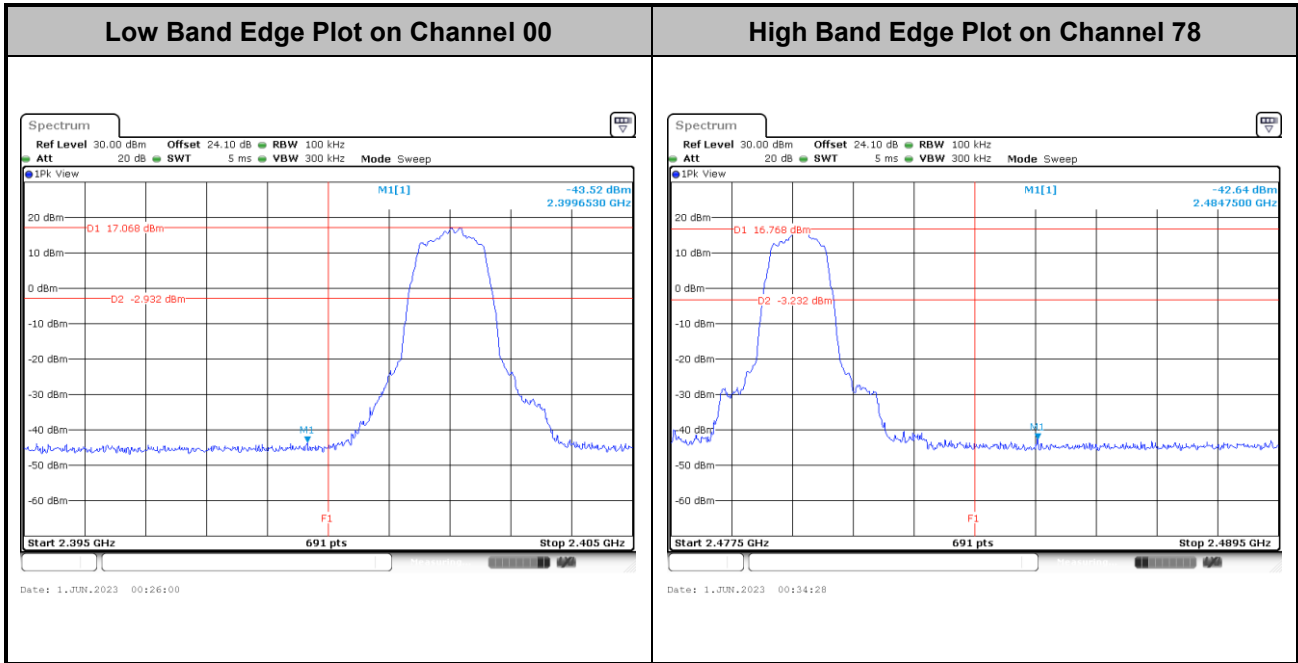


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



Band Edges

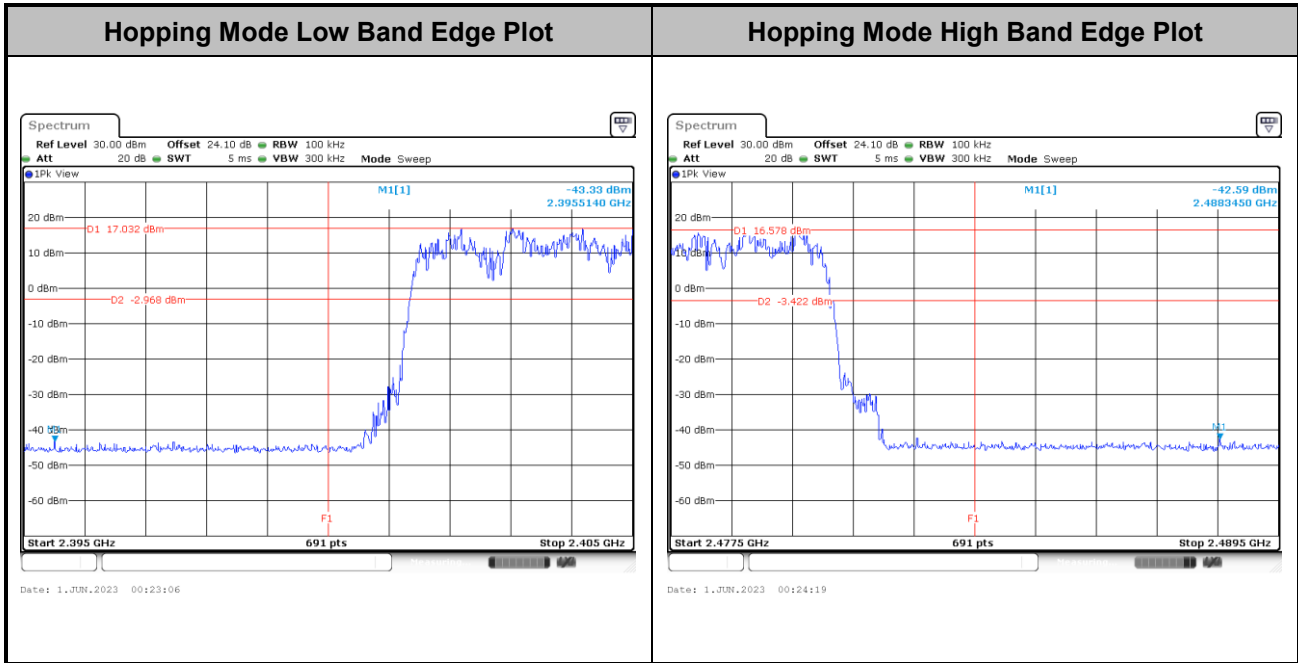
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Hopping Mode Band Edges

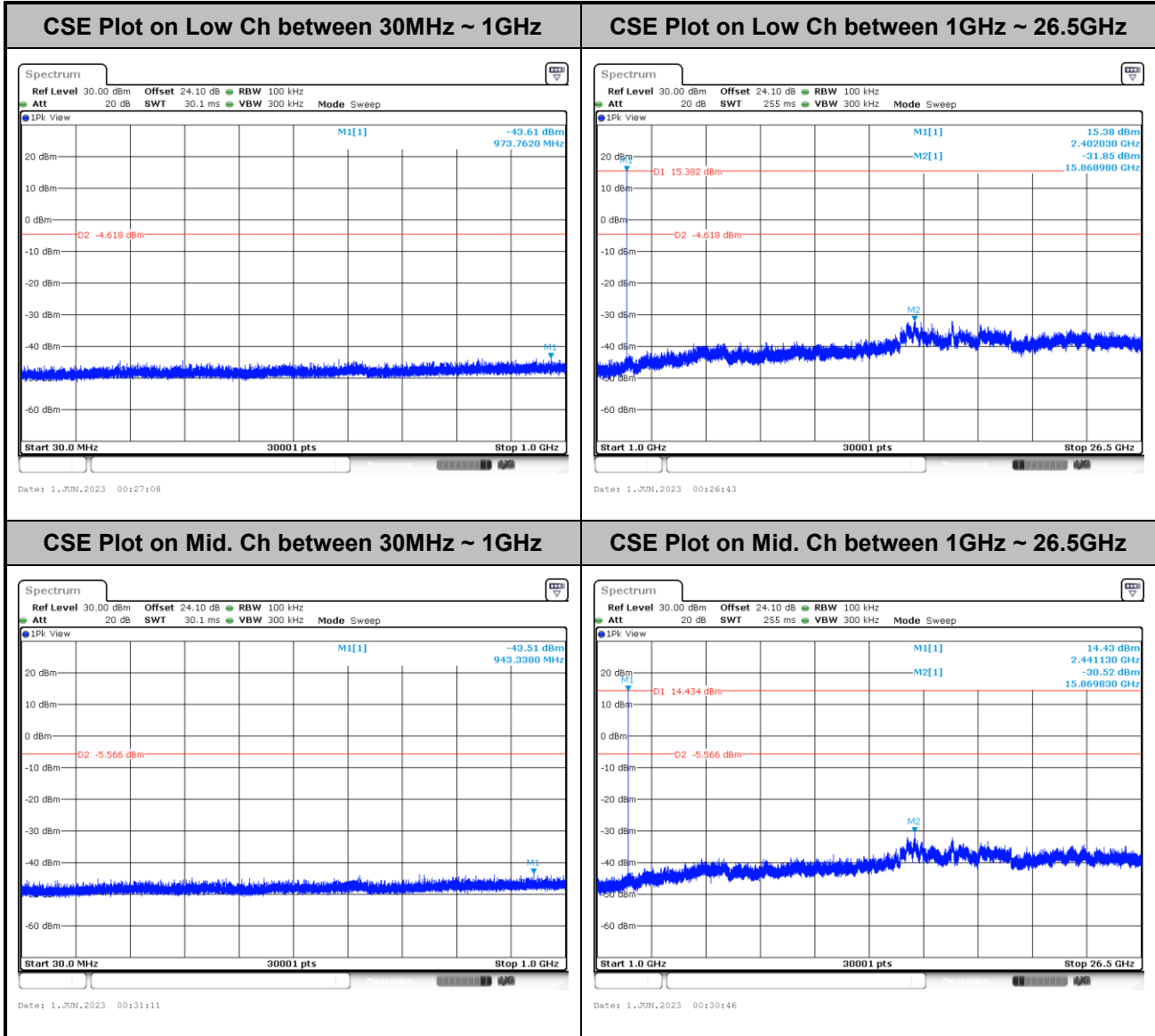
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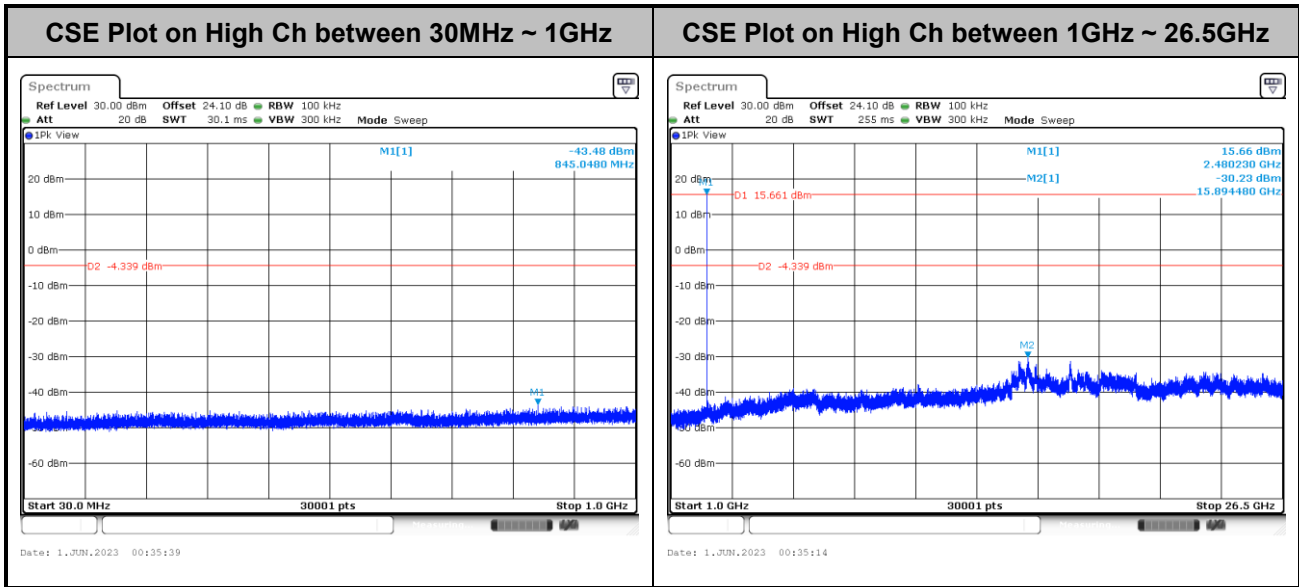




Conducted Spurious Emission

<2Mbps>

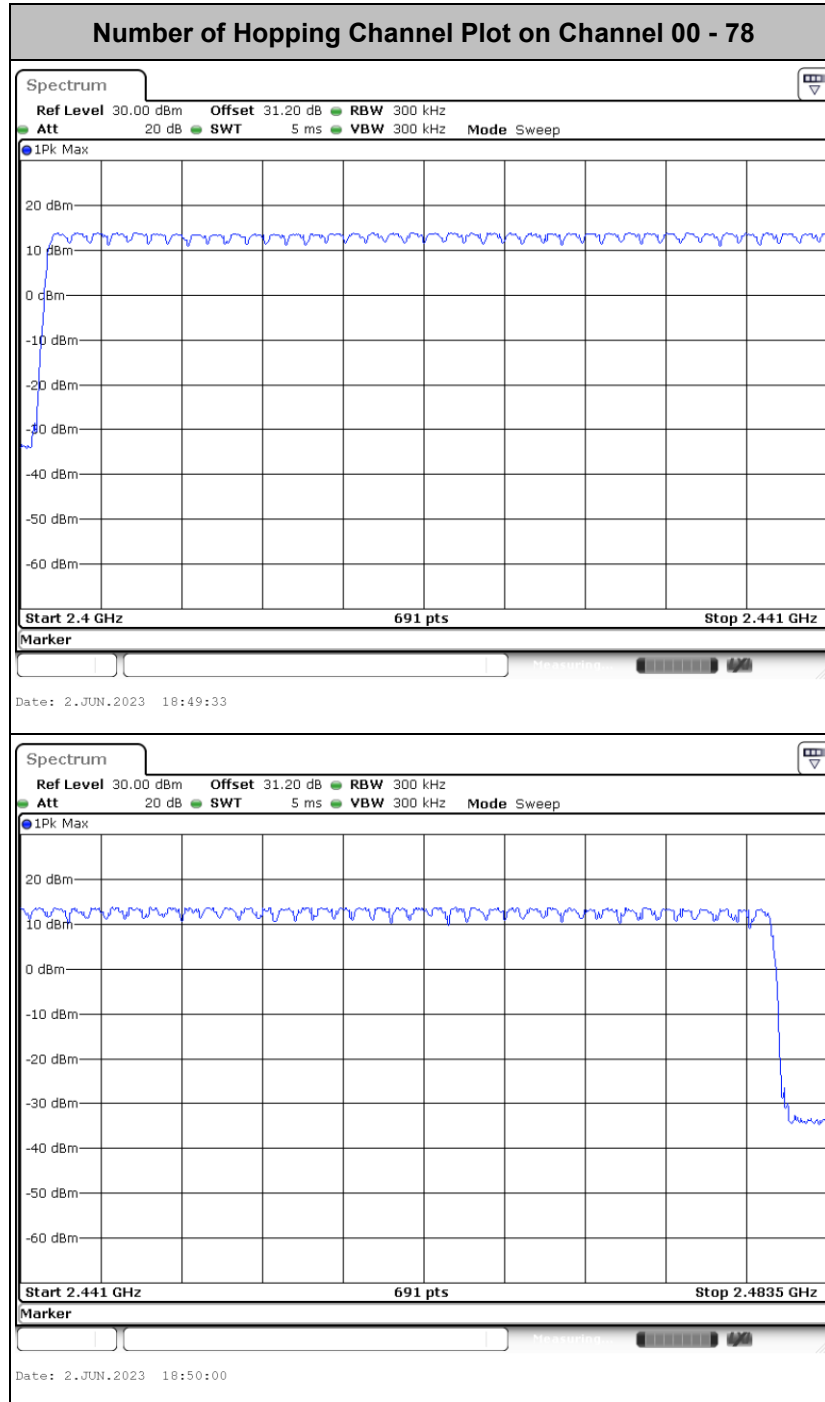






<TXBF BR+EDR Ant.3>

Number of Hopping Frequency



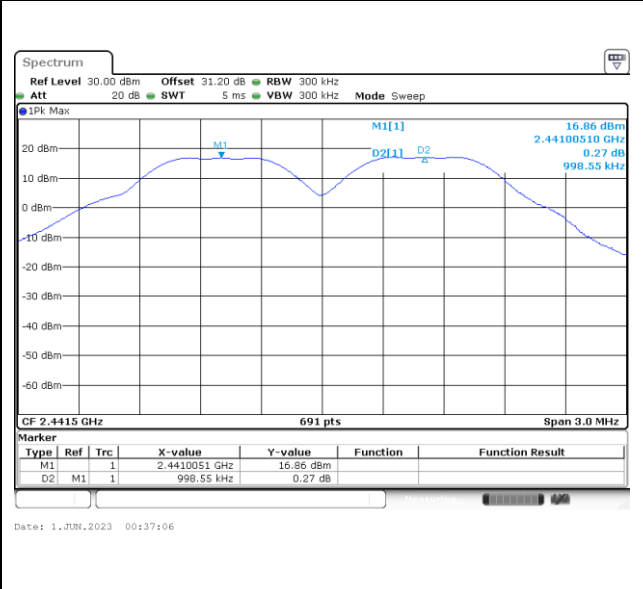
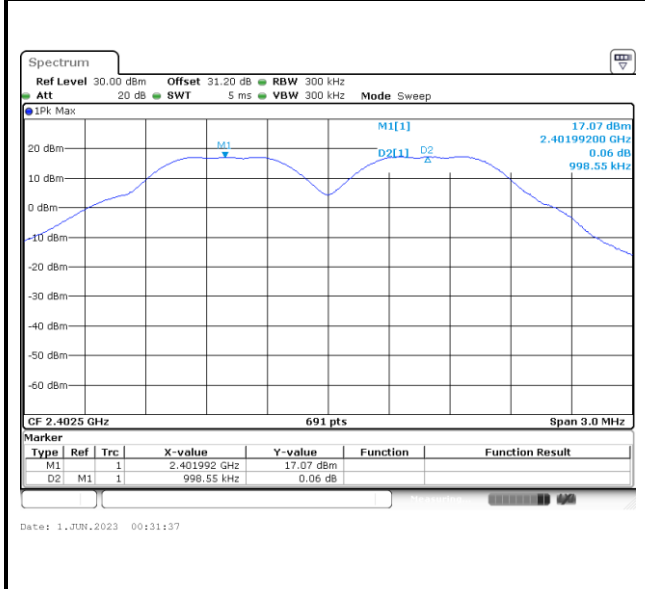


Hopping Channel Separation

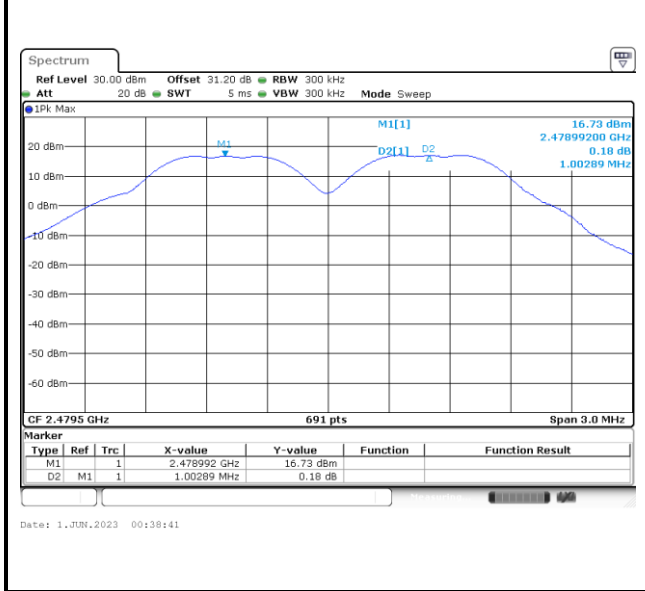
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

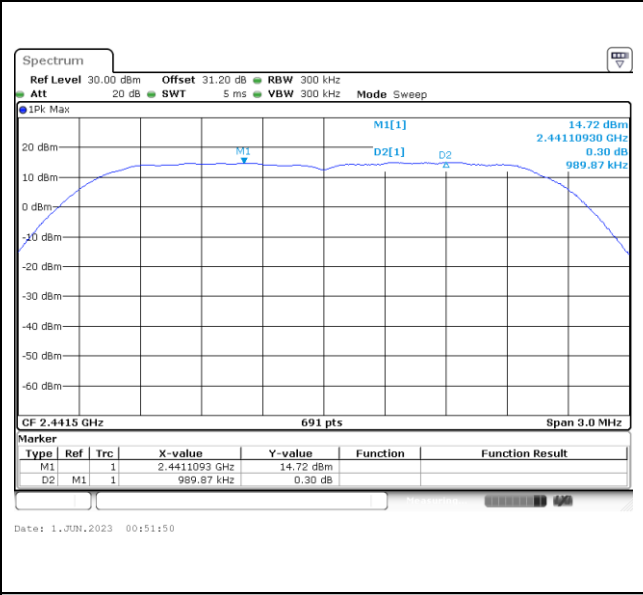
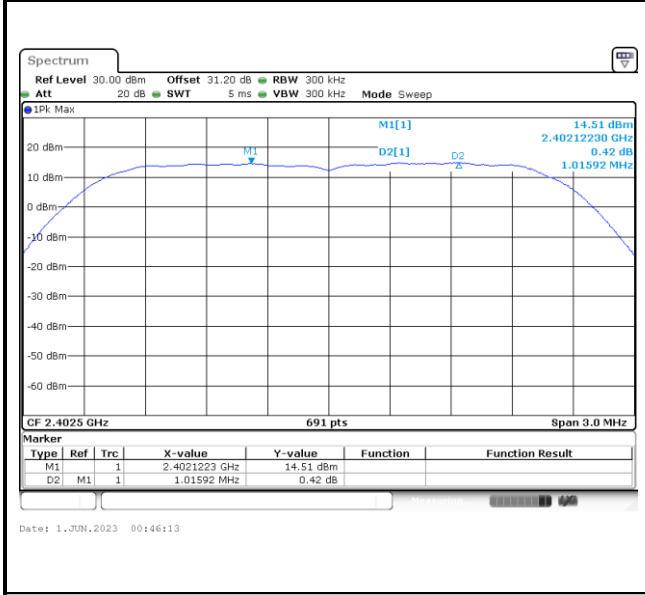




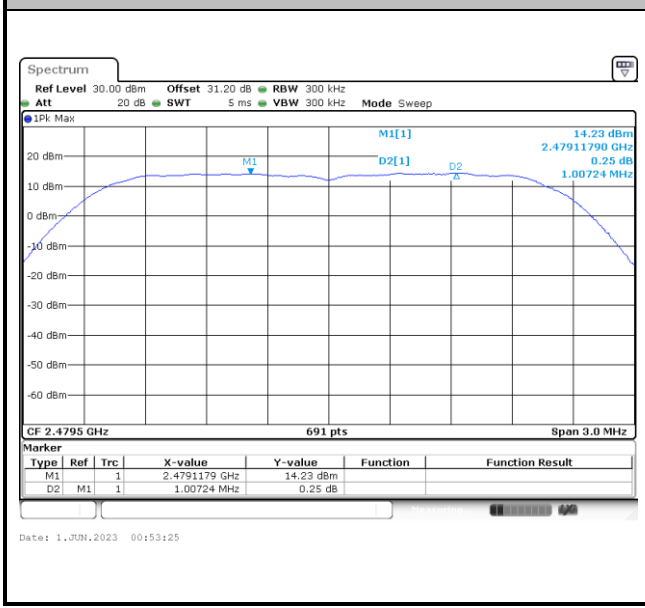
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

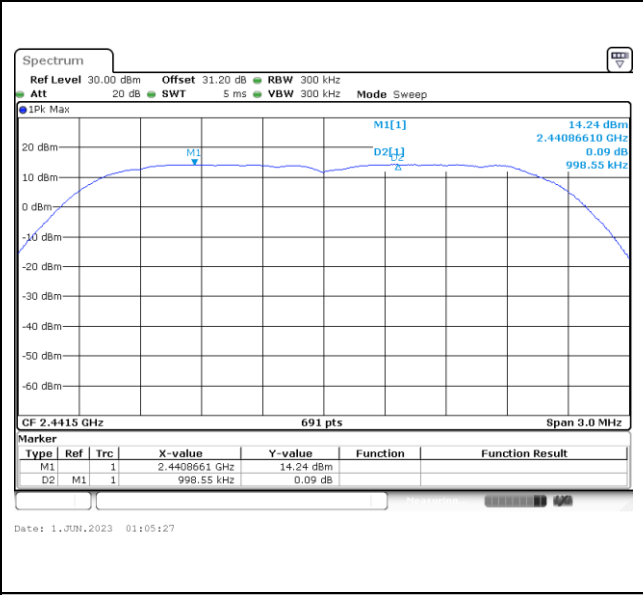
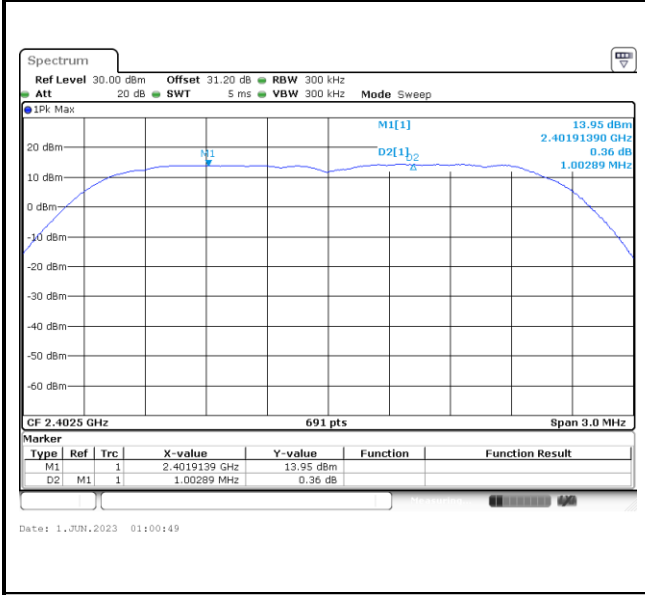




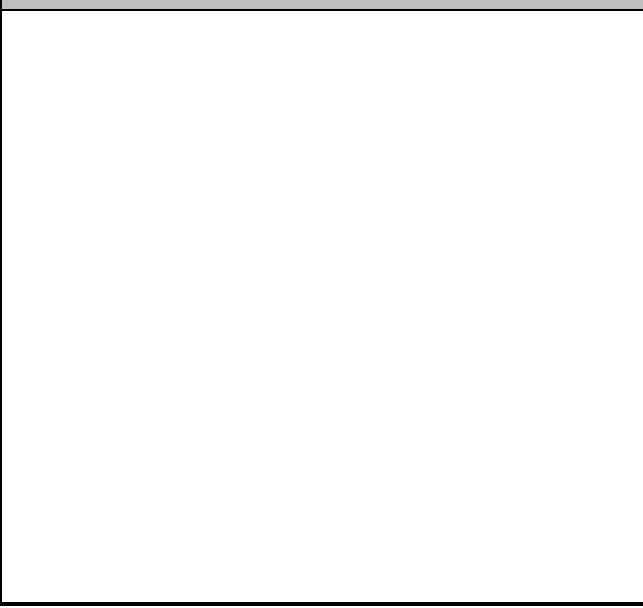
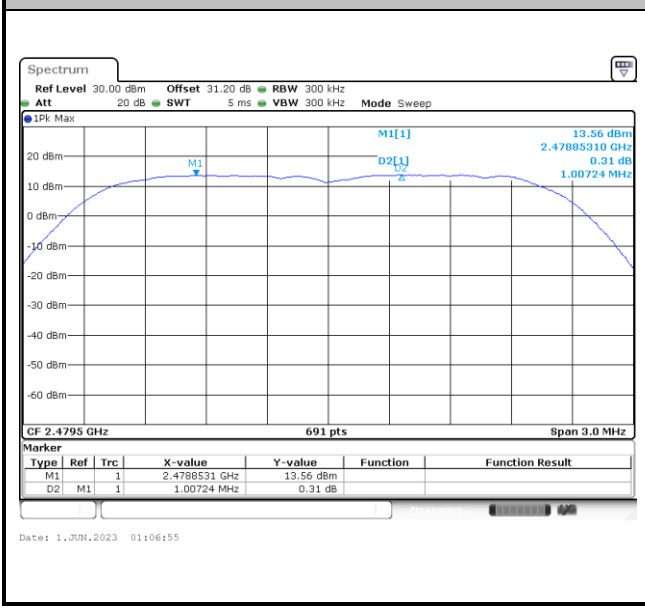
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40

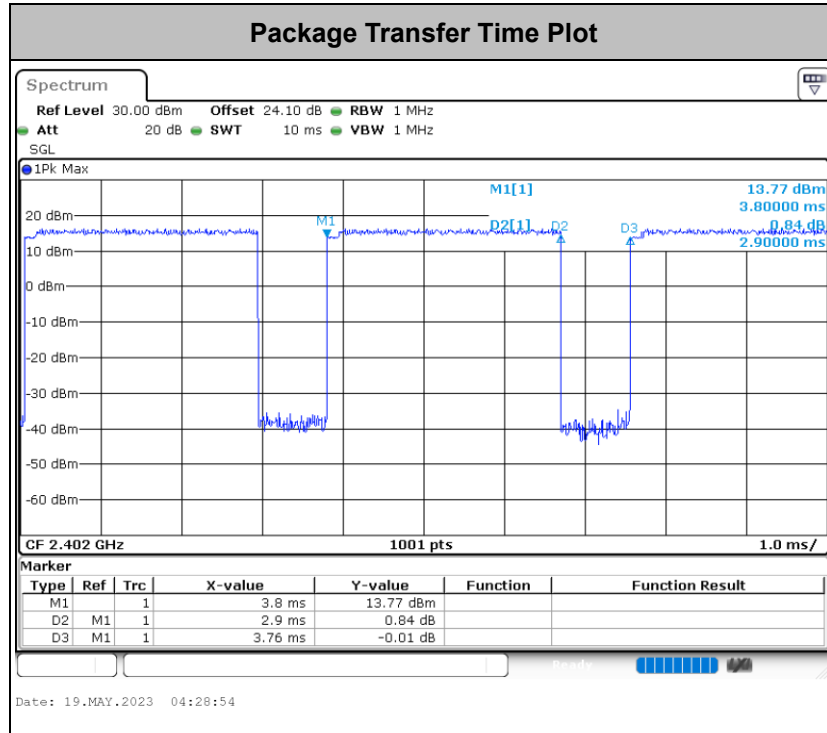


Channel Separation Plot on Channel 77 - 78





Dwell Time



Remark:

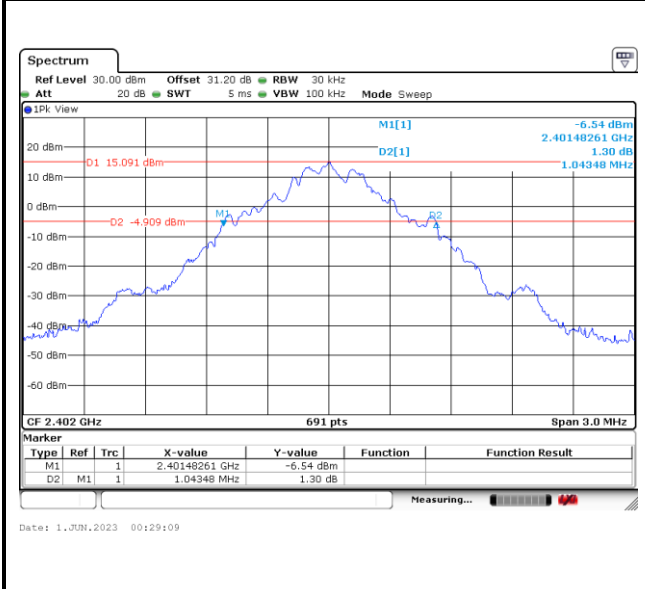
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in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



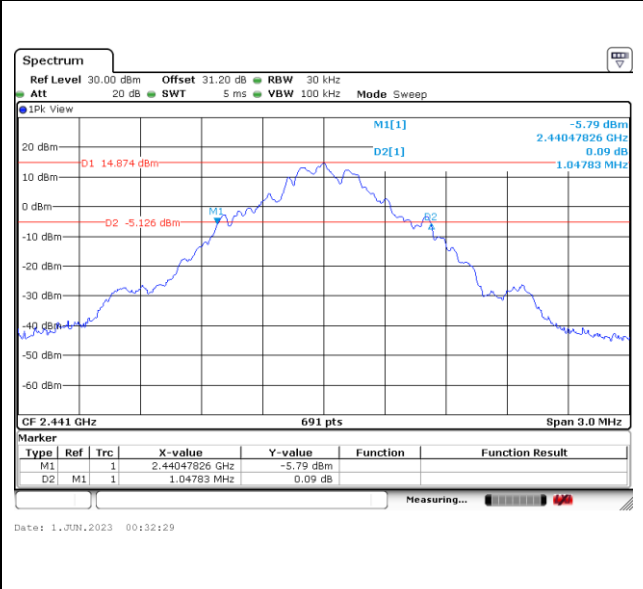
20dB Bandwidth

<1Mbps>

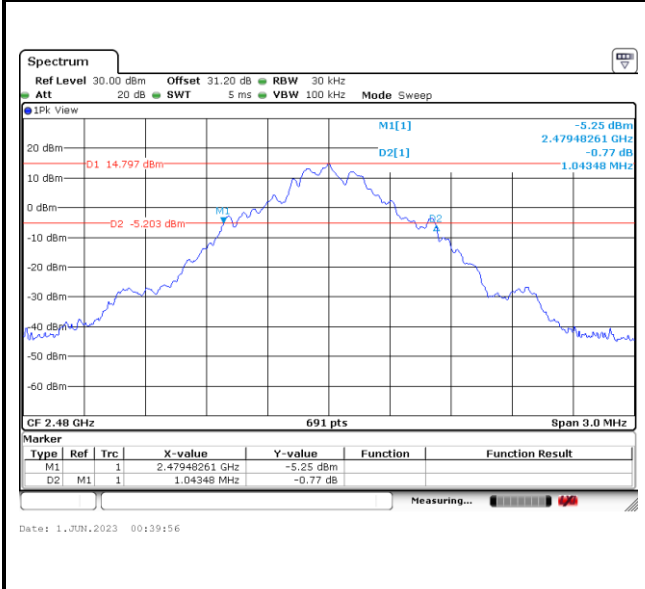
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



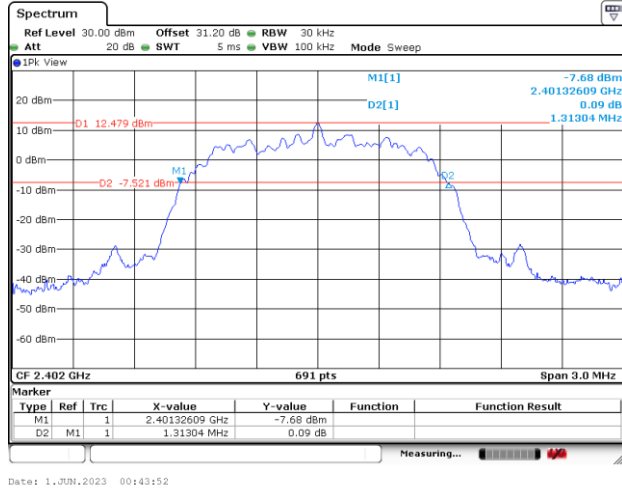
20 dB Bandwidth Plot on Channel 78



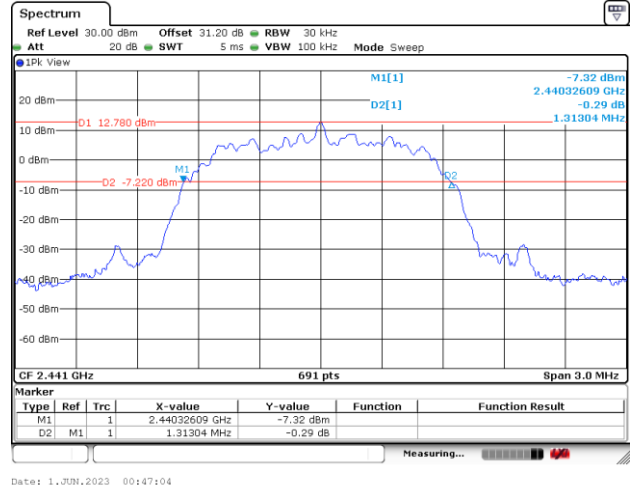


<2Mbps>

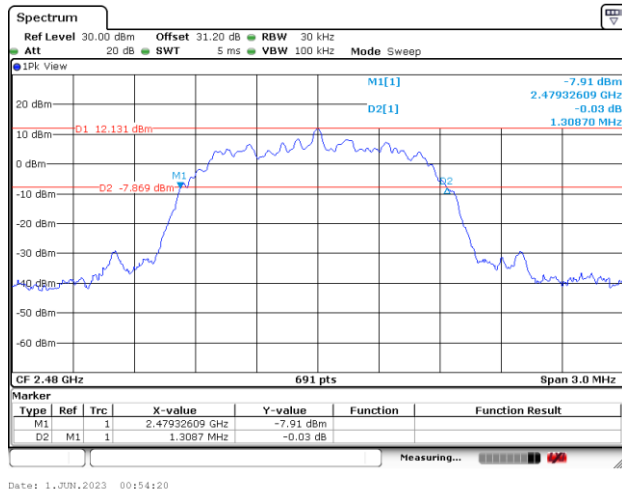
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



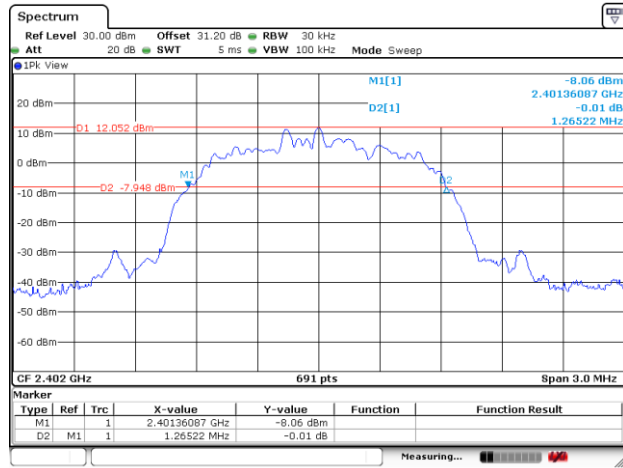
20 dB Bandwidth Plot on Channel 78



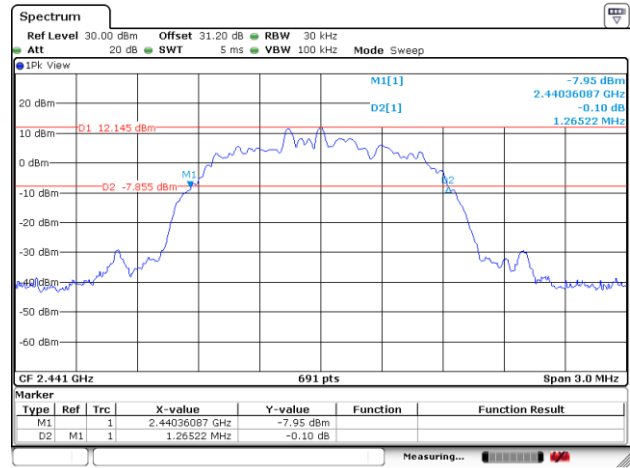


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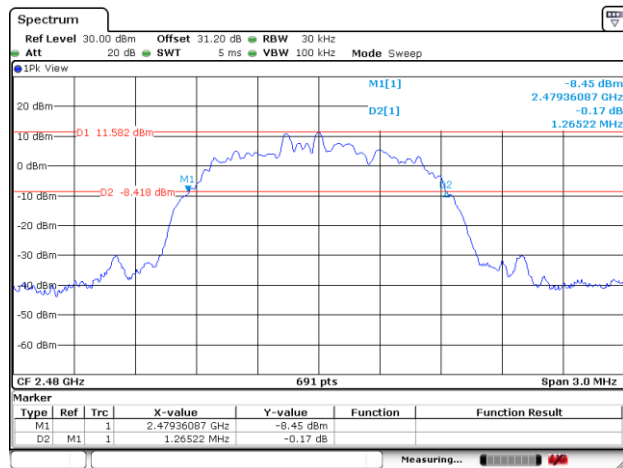
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



20 dB Bandwidth Plot on Channel 78

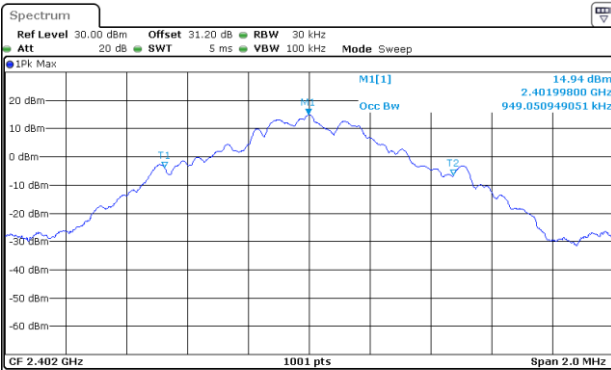




99% Occupied Bandwidth

<1Mbps>

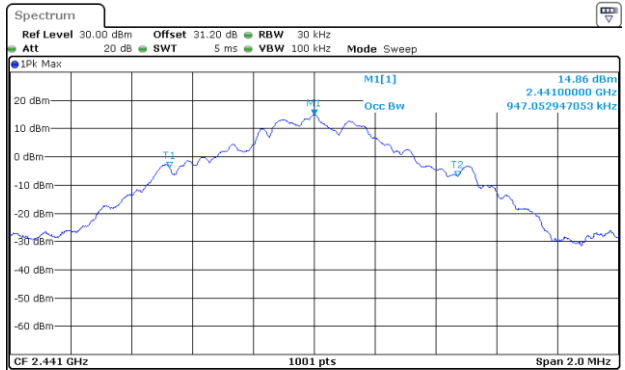
99% Occupied Bandwidth on Channel 00



| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|--------|------|-----|-----|----------------|-----------|----------|-------------------|
| M1 | 1 | | | 2.401998 GHz | 14.94 dBm | | |
| T1 | 1 | | | 2.40152448 GHz | -3.91 dBm | Occ Bw | 949.050949051 kHz |
| T2 | 1 | | | 2.40247353 GHz | -6.38 dBm | | |

Date: 1.JUN.2023 00:28:30

99% Occupied Bandwidth on Channel 39



| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|--------|------|-----|-----|----------------|-----------|----------|-------------------|
| M1 | 1 | | | 2.441 GHz | 14.86 dBm | | |
| T1 | 1 | | | 2.44052448 GHz | -3.77 dBm | Occ Bw | 947.052947053 kHz |
| T2 | 1 | | | 2.44147153 GHz | -6.97 dBm | | |

Date: 1.JUN.2023 00:32:08

99% Occupied Bandwidth on Channel 78



| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|--------|------|-----|-----|----------------|-----------|----------|-------------------|
| M1 | 1 | | | 2.479998 GHz | 14.73 dBm | | |
| T1 | 1 | | | 2.47952248 GHz | -3.80 dBm | Occ Bw | 947.052947053 kHz |
| T2 | 1 | | | 2.48046953 GHz | -7.17 dBm | | |

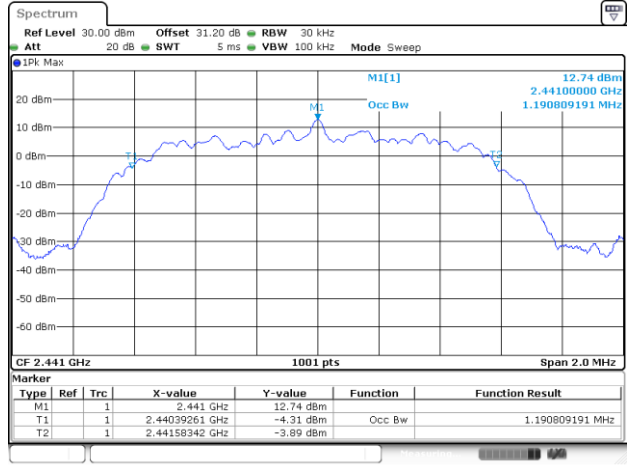
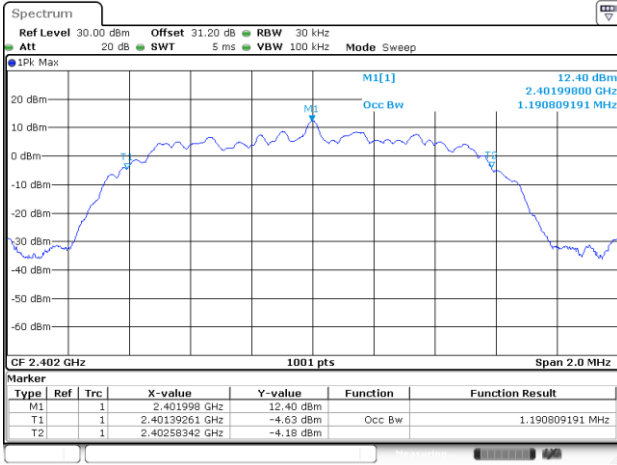
Date: 1.JUN.2023 00:39:00



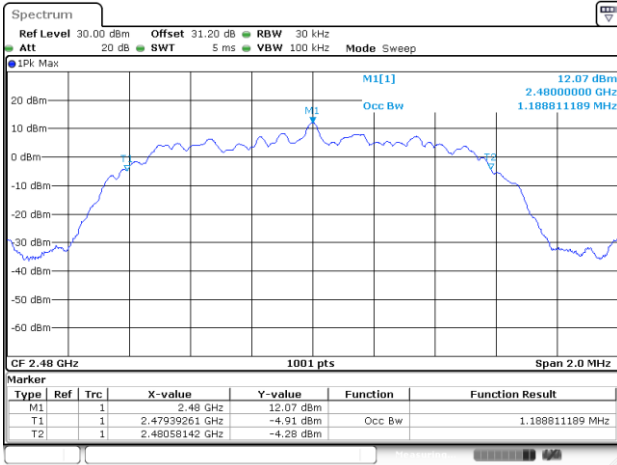
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99% Occupied Bandwidth on Channel 00

99% Occupied Bandwidth on Channel 39



99% Occupied Bandwidth on Channel 78



Date: 1.JUN.2023 00:43:10

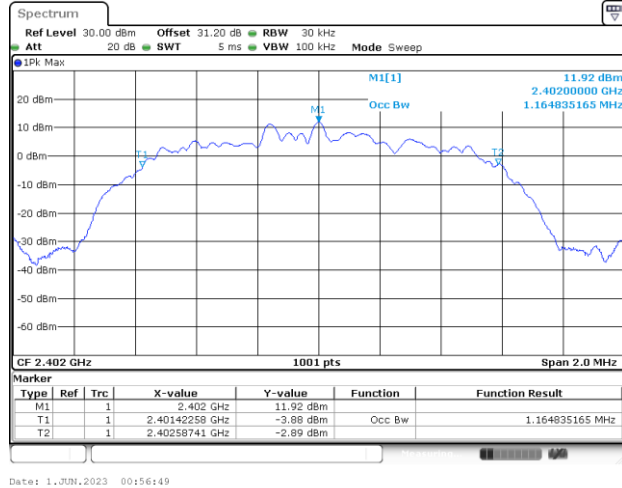
Date: 1.JUN.2023 00:46:47

Date: 1.JUN.2023 00:53:38

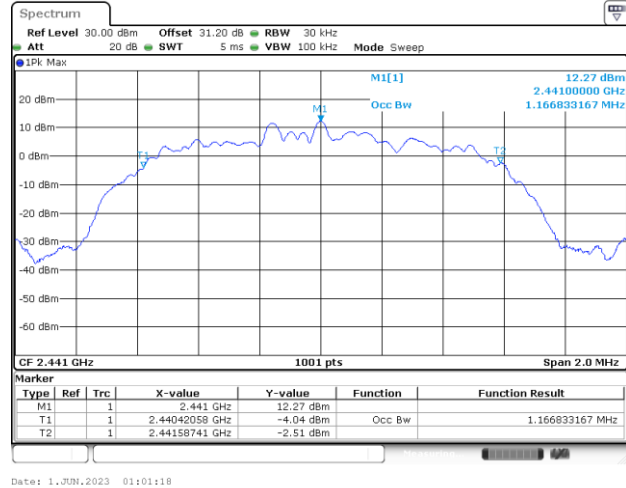


<3Mbps>

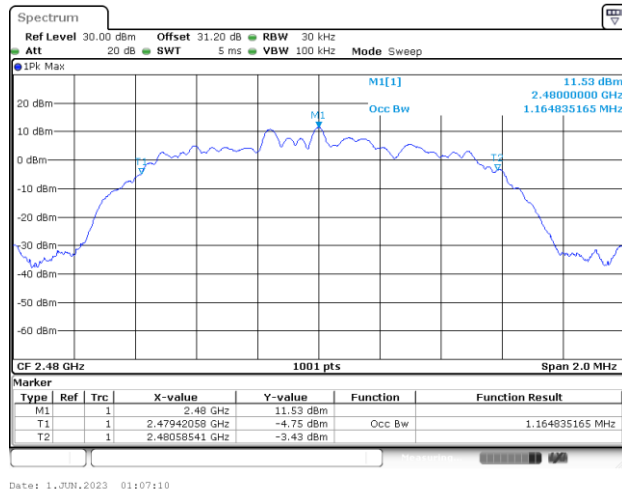
99% Occupied Bandwidth on Channel 00



99% Occupied Bandwidth on Channel 39



99% Occupied Bandwidth on Channel 78



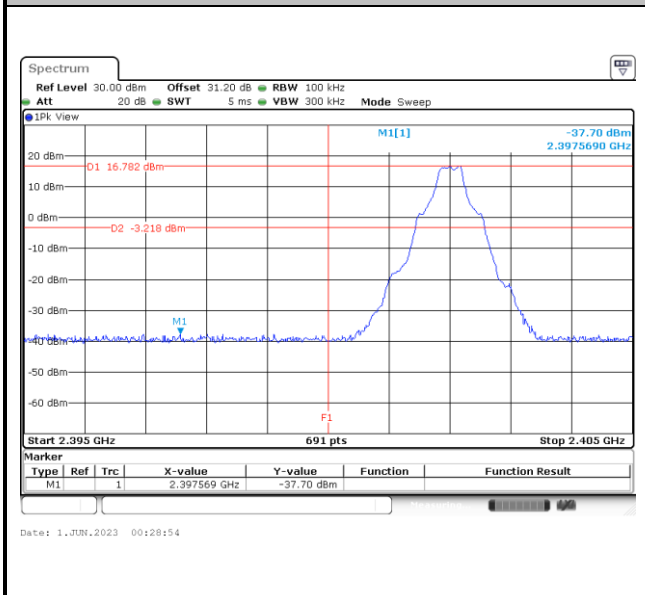
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



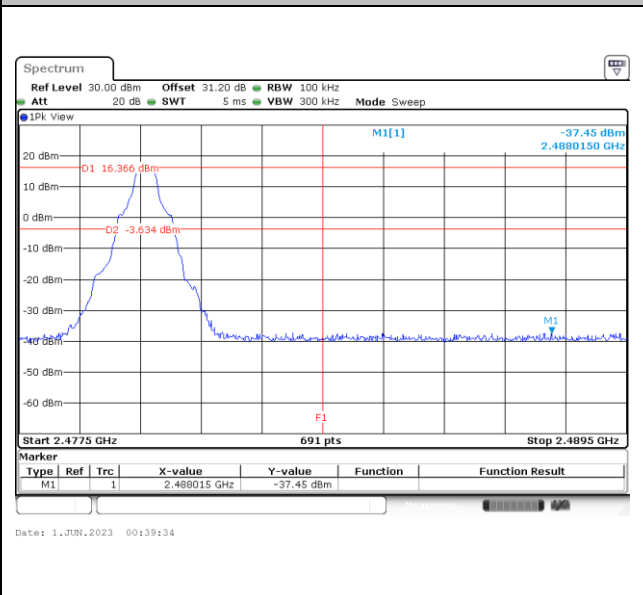
Band Edges

<1Mbps>

Low Band Edge Plot on Channel 00

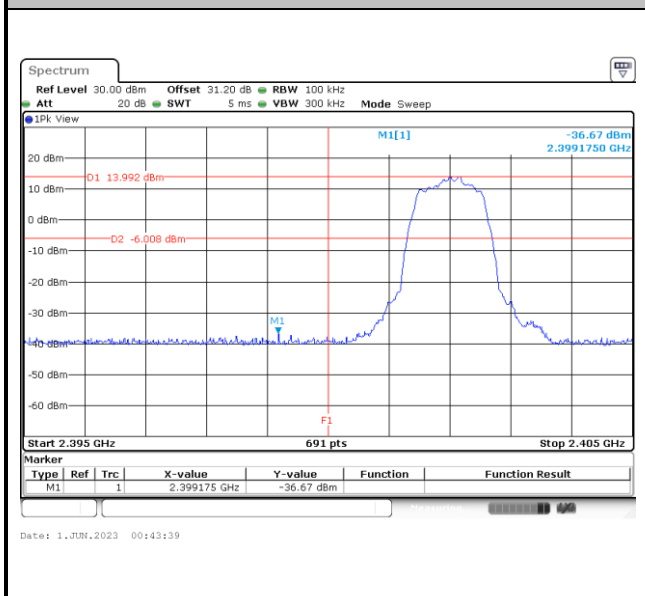


High Band Edge Plot on Channel 78

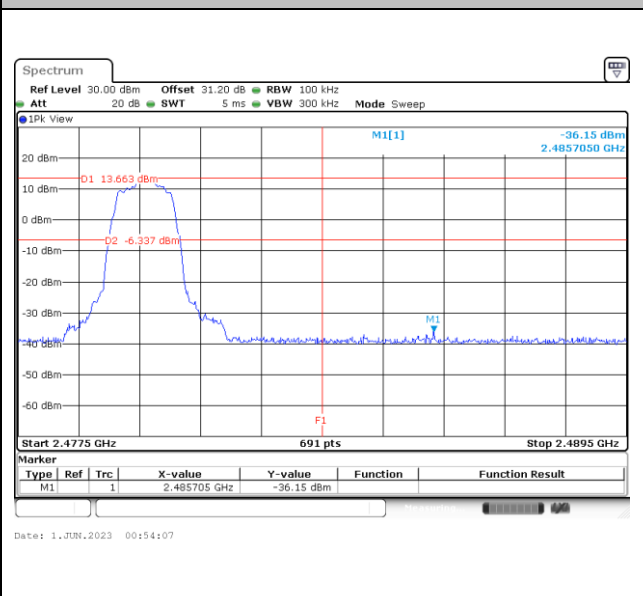


<2Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

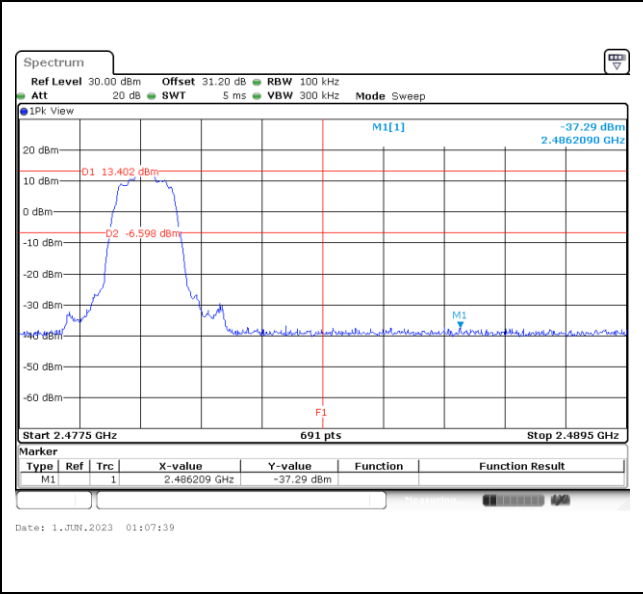
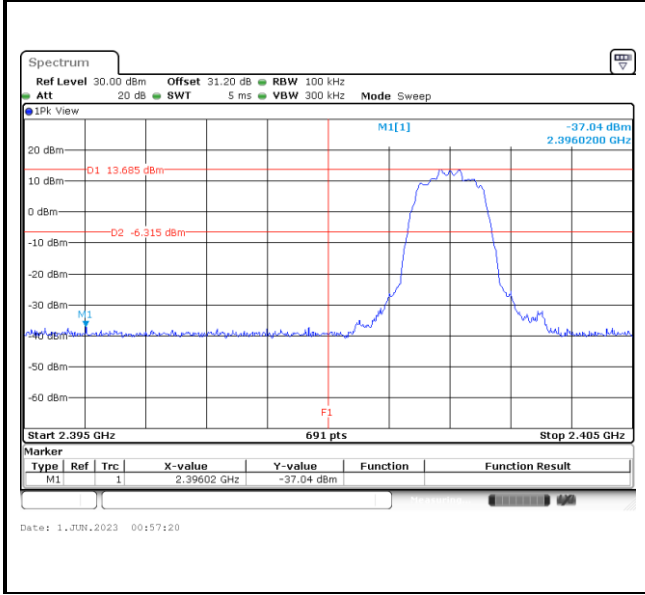




<3Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78

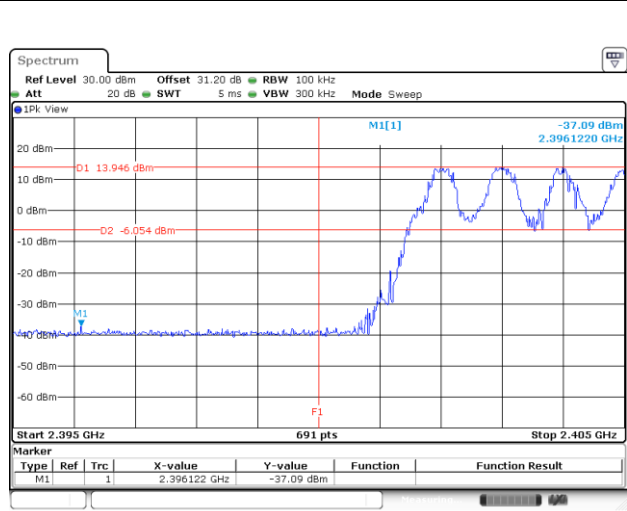




Hopping Mode Band Edges

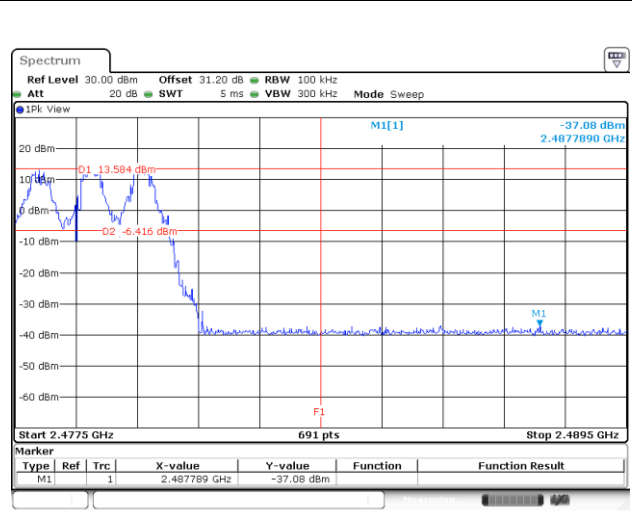
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Hopping Mode Low Band Edge Plot



Date: 1.JUN.2023 01:11:15

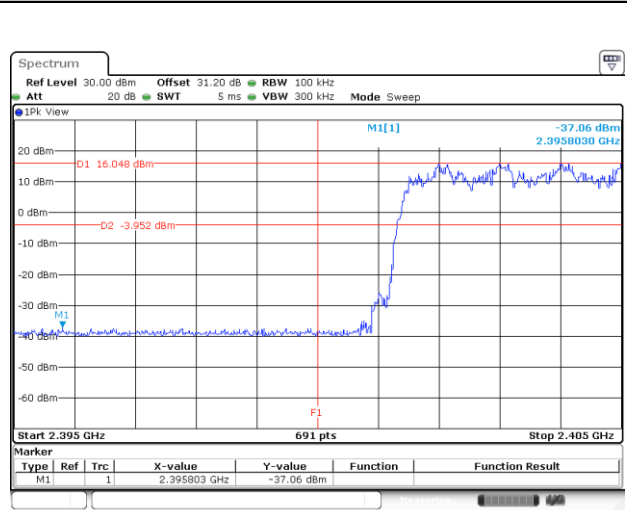
Hopping Mode High Band Edge Plot



Date: 1.JUN.2023 01:11:50

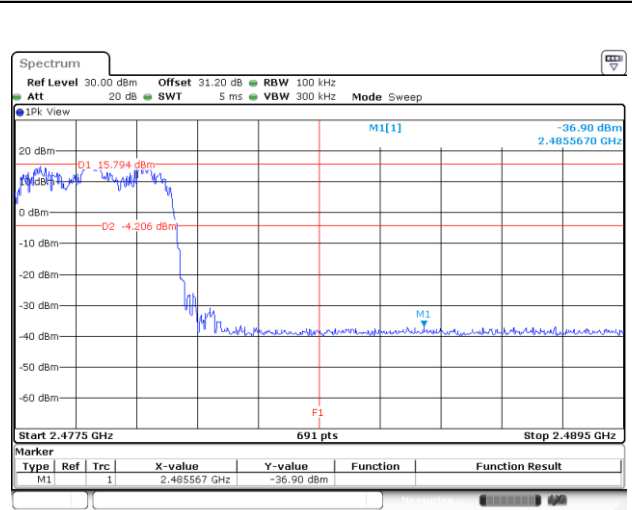
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Hopping Mode Low Band Edge Plot



Date: 1.JUN.2023 23:24:44

Hopping Mode High Band Edge Plot

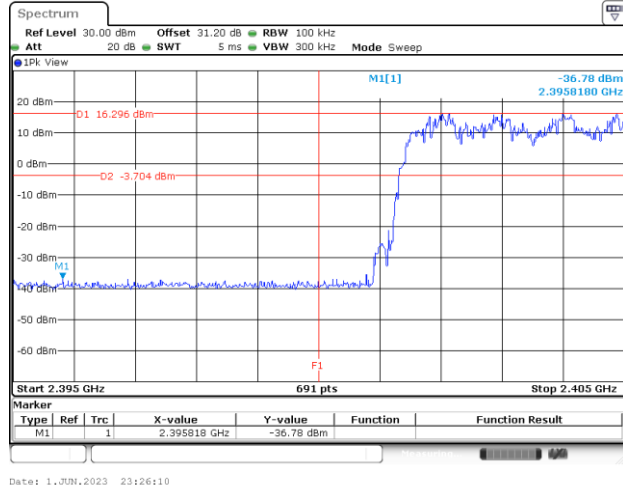


Date: 1.JUN.2023 23:25:13

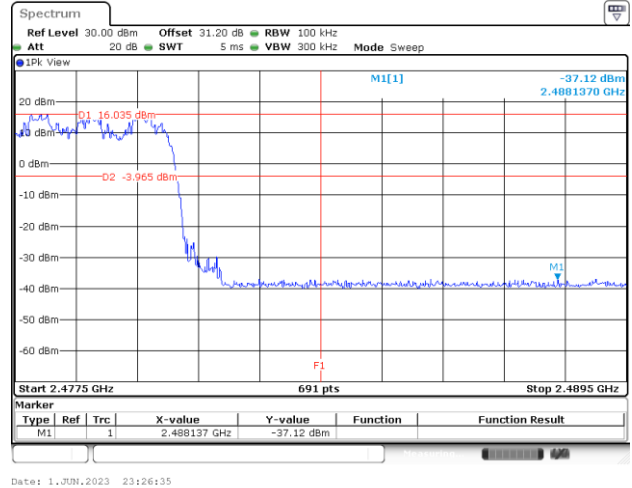


<3Mbps>

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

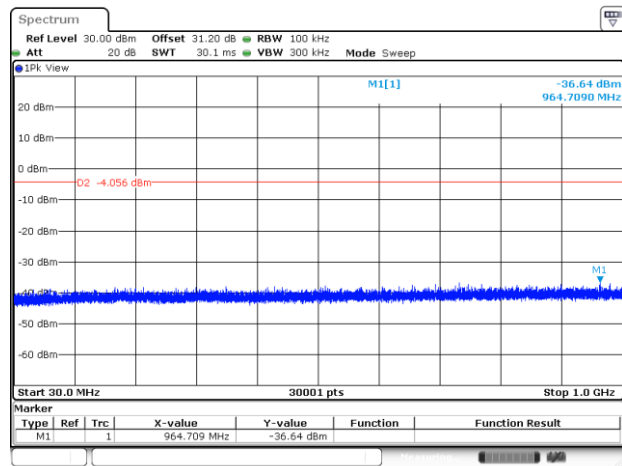




Spurious Emission

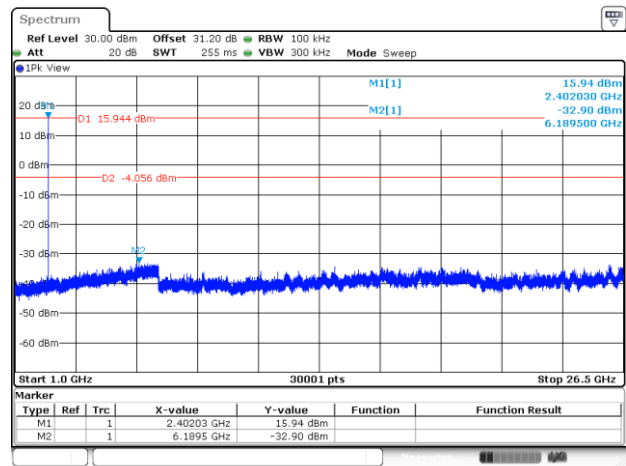
<1Mbps>

CSE Plot on Ch 00 between 30MHz ~ 1 GHz



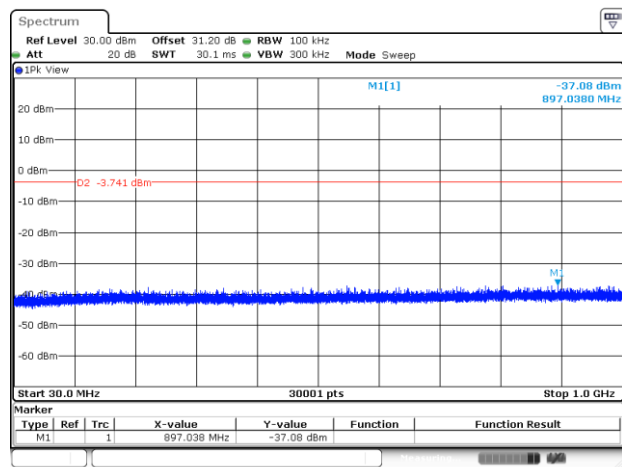
Date: 1.JUN.2023 00:30:13

CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



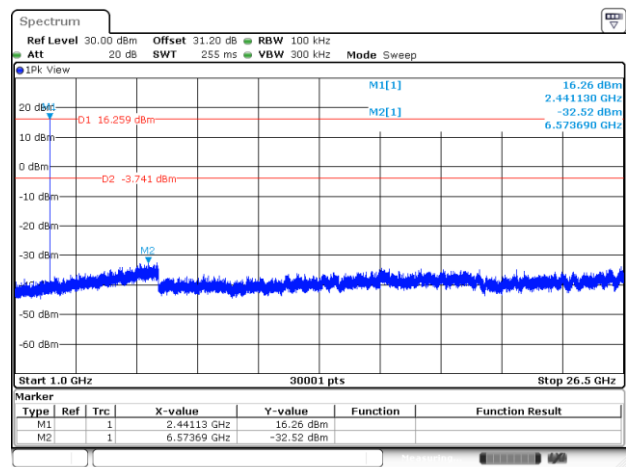
Date: 1.JUN.2023 00:29:38

CSE Plot on Ch 39 between 30MHz ~ 1 GHz



Date: 1.JUN.2023 00:33:26

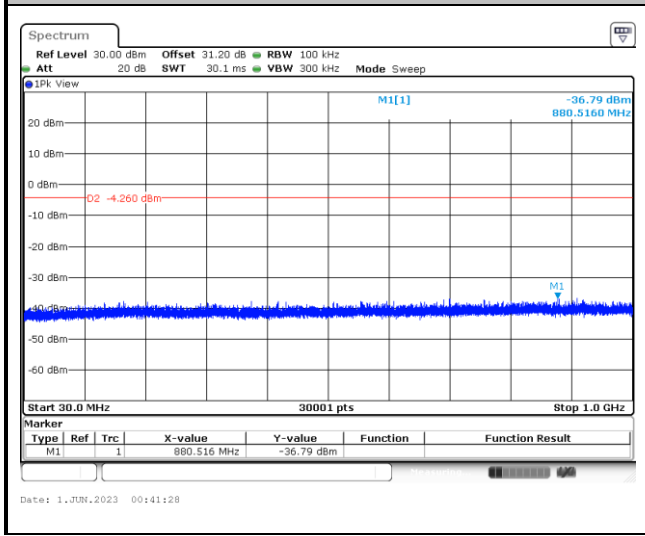
CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz



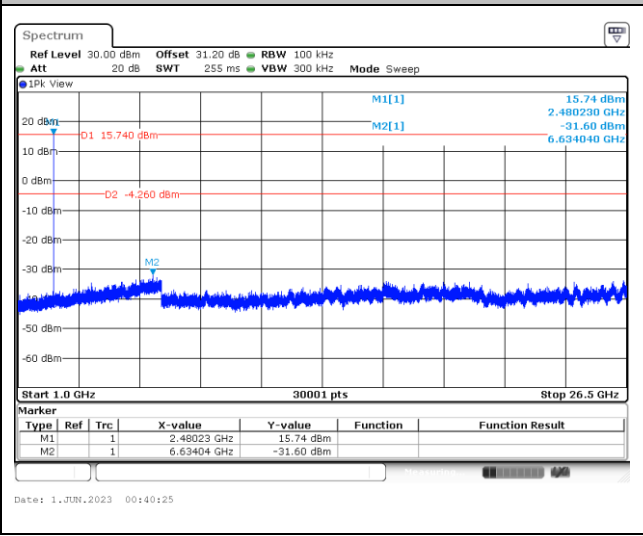
Date: 1.JUN.2023 00:33:00



CSE Plot on Ch 78 between 30MHz ~ 1 GHz



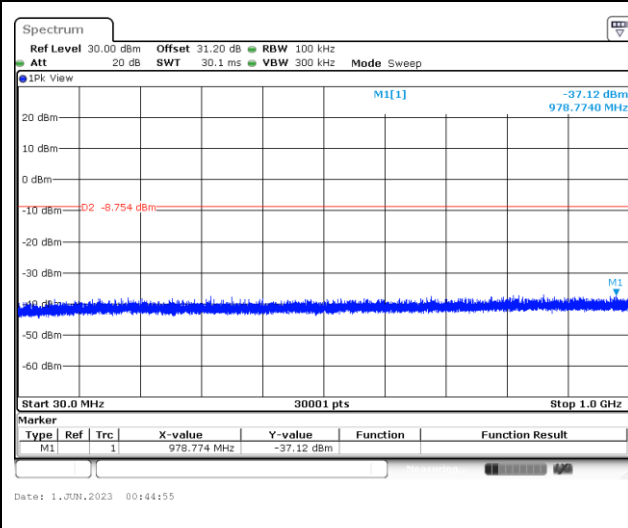
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



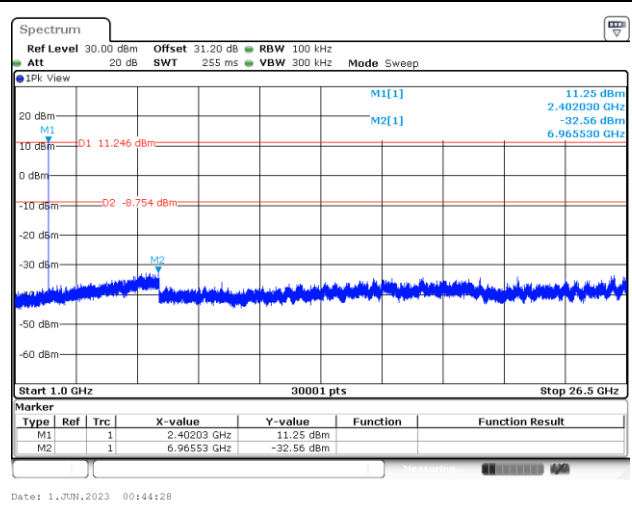


<2Mbps>

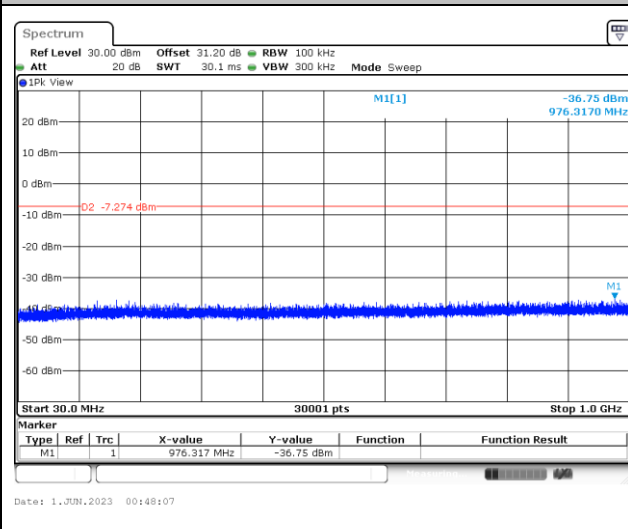
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



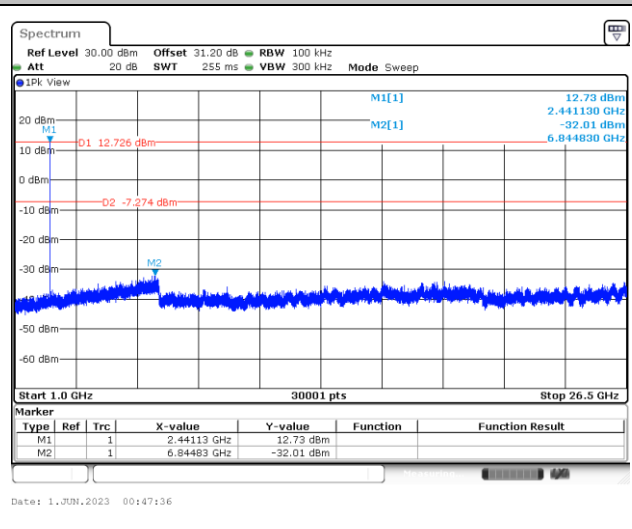
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

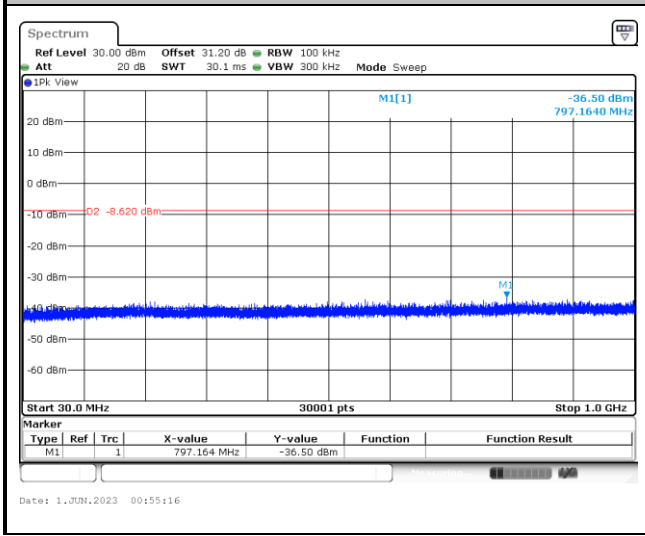


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

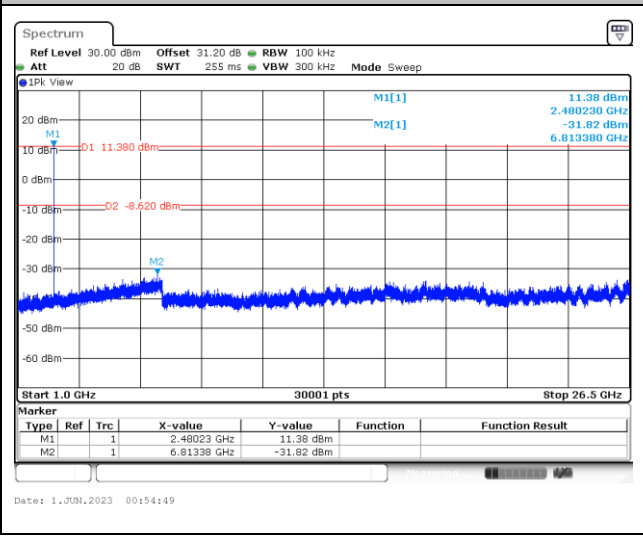




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



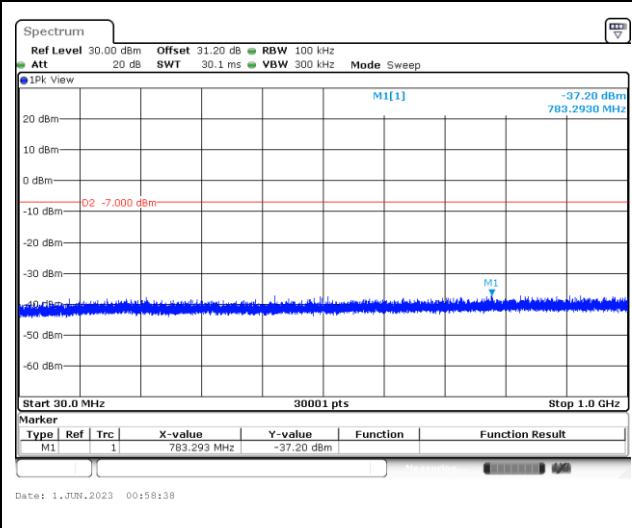
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



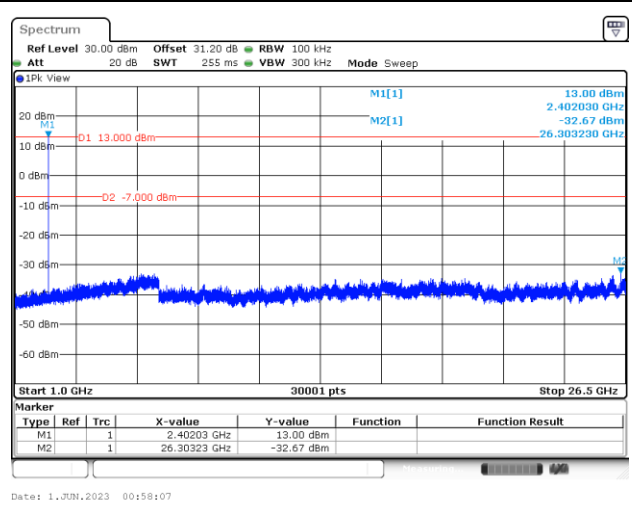


<3Mbps>

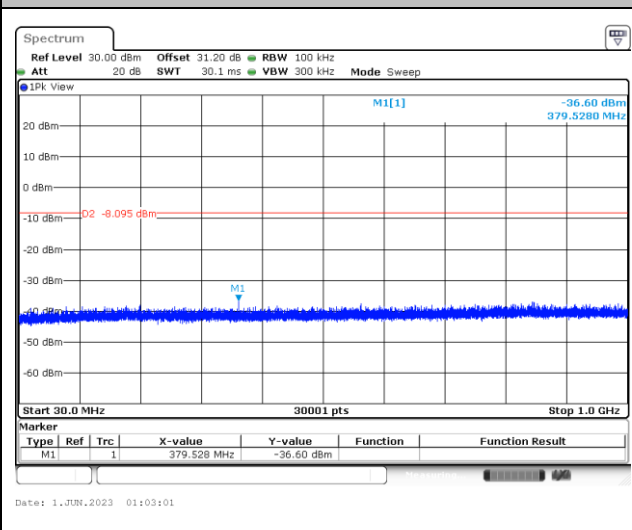
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



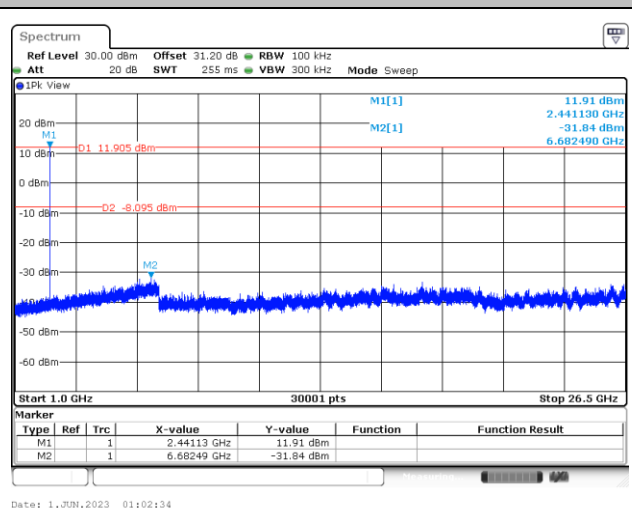
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

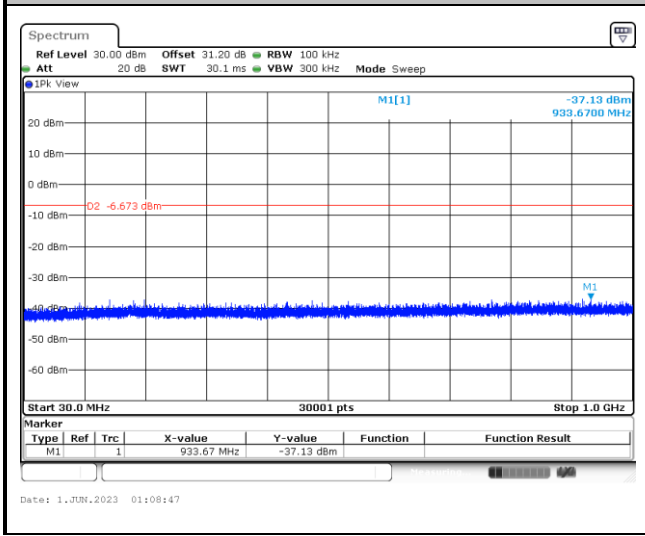


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

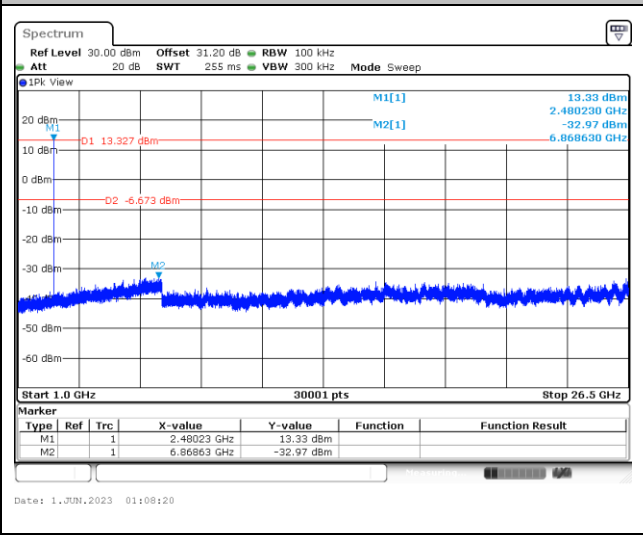




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



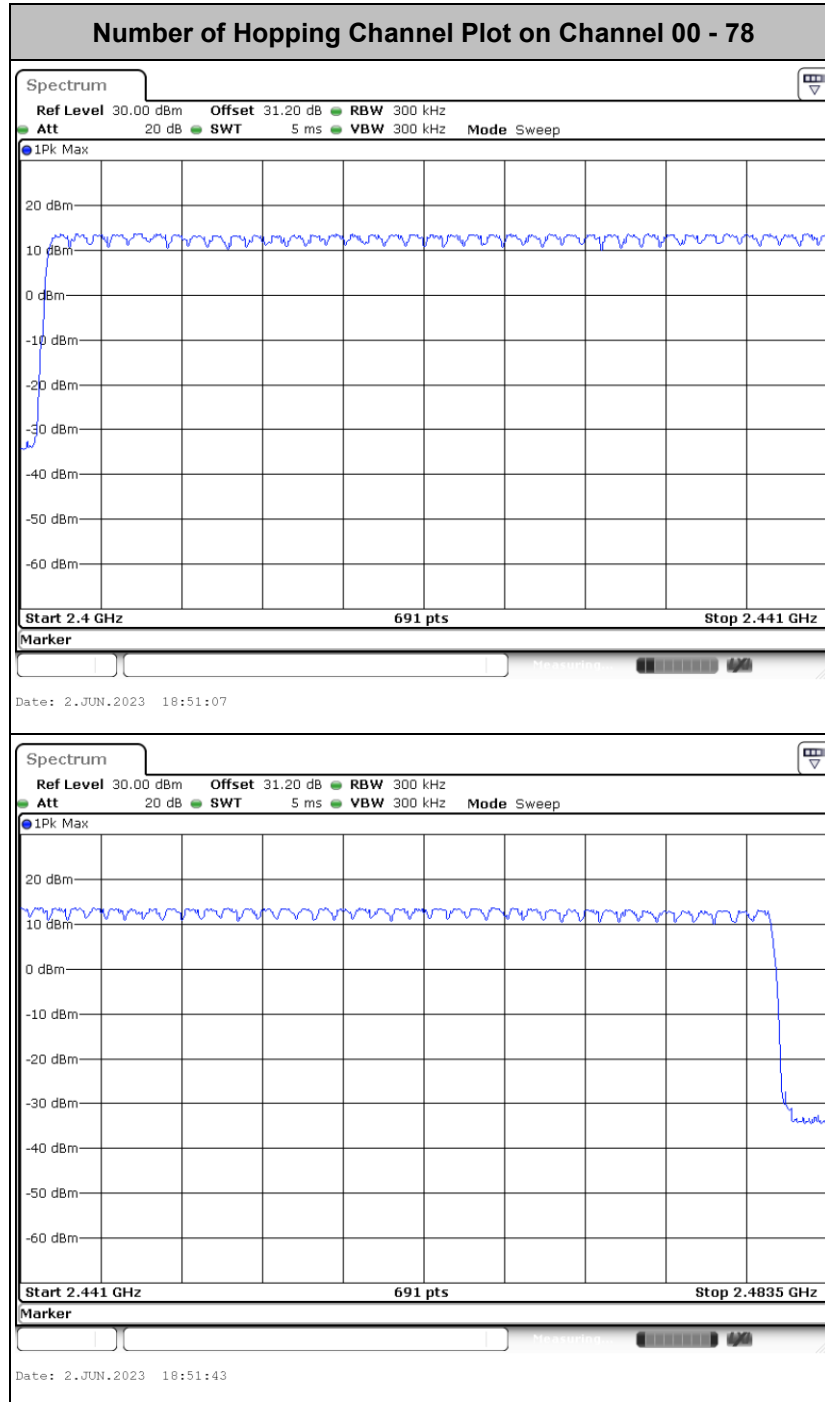
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





< TXBF BR+EDR Ant.4 >

Number of Hopping Frequency



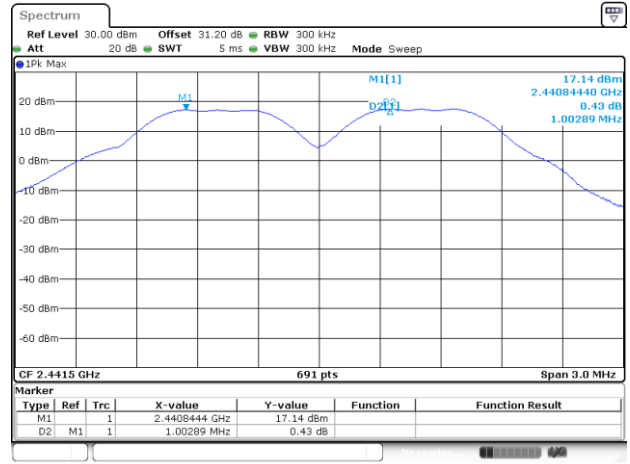
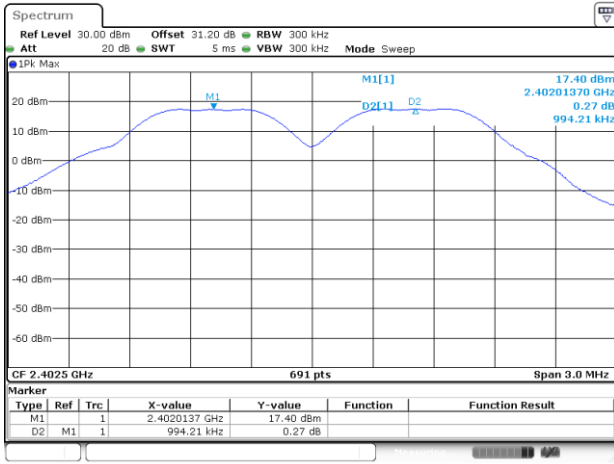


Hopping Channel Separation

<1Mbps>

Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

