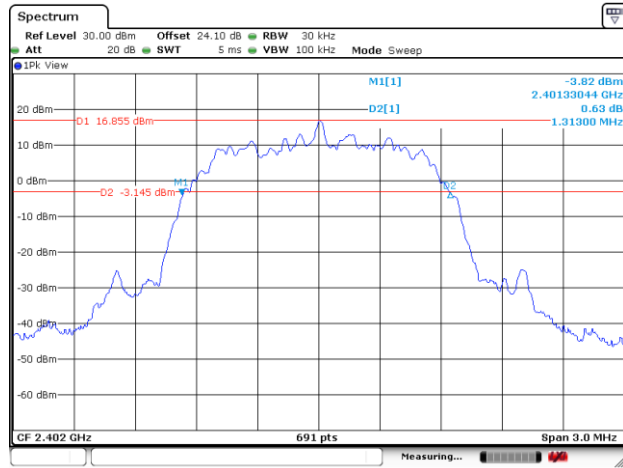




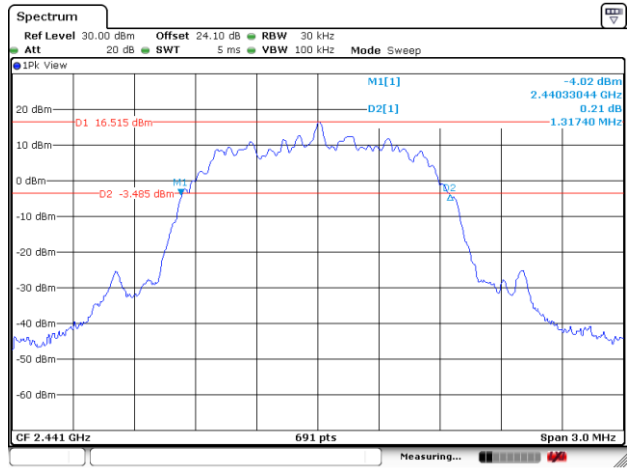
<2Mbps>

20 dB Bandwidth Plot on Channel 00



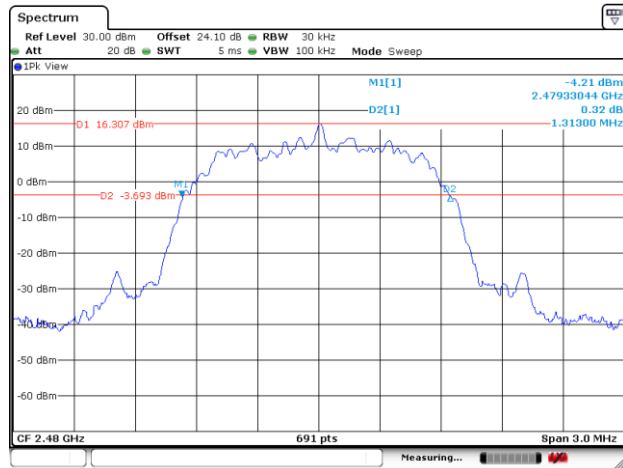
Date: 27 APR 2023 05:07:03

20 dB Bandwidth Plot on Channel 39



Date: 27 APR 2023 05:10:31

20 dB Bandwidth Plot on Channel 78

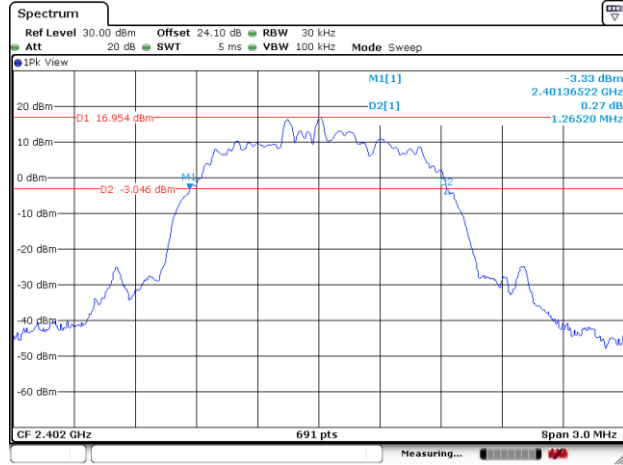


Date: 27 APR 2023 05:15:39



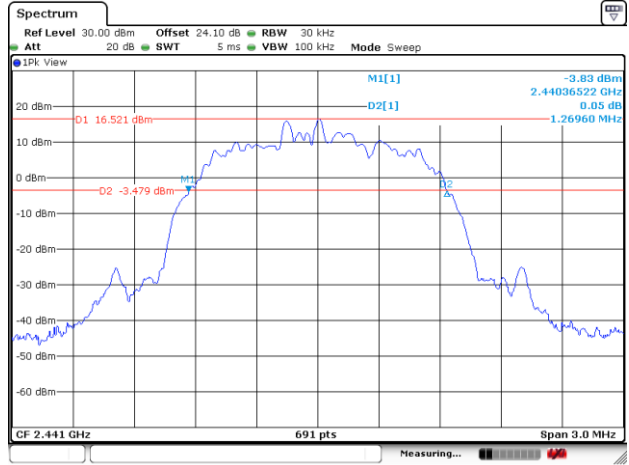
<3Mbps>

20 dB Bandwidth Plot on Channel 00



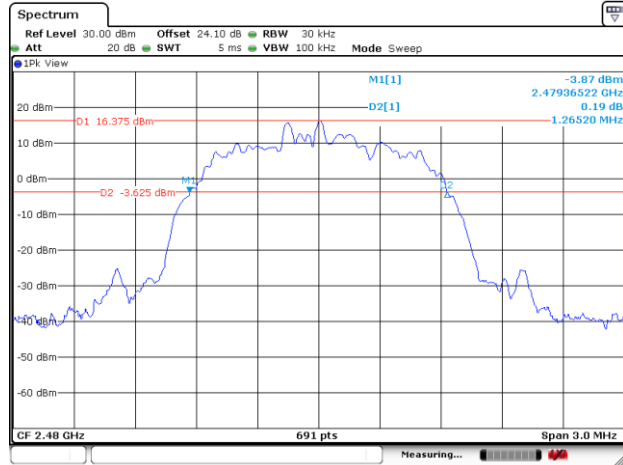
Date: 27 APR 2023 05:18:11

20 dB Bandwidth Plot on Channel 39



Date: 27 APR 2023 05:23:32

20 dB Bandwidth Plot on Channel 78



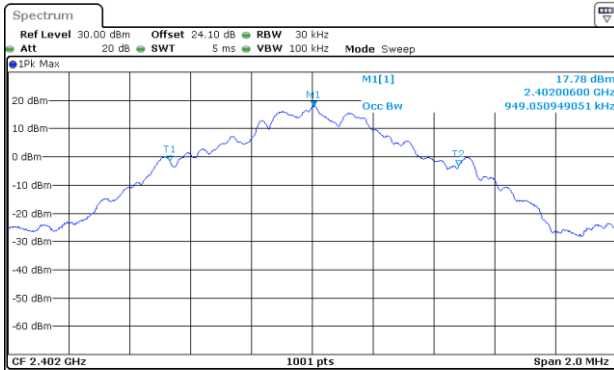
Date: 27 APR 2023 05:29:09



99% Occupied Bandwidth

<1Mbps>

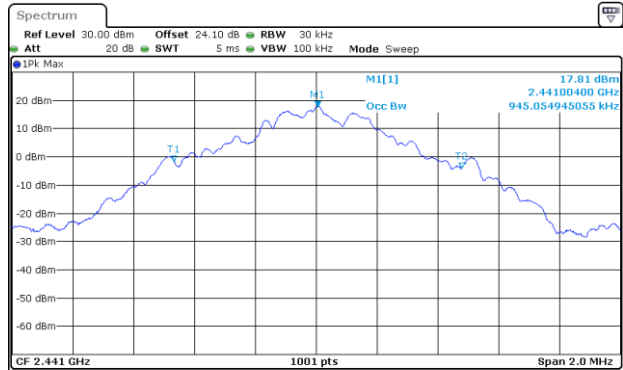
99% Occupied Bandwidth on Channel 00



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.402006 GHz	17.78 dBm		
T1	1			2.40153247 GHz	-1.57 dBm	Occ Bw	949.050949051 kHz
T2	1			2.40248152 GHz	-3.25 dBm		

Date: 27 APR 2023 04:35:21

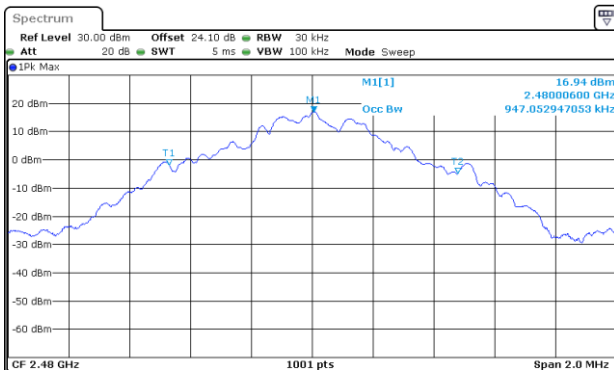
99% Occupied Bandwidth on Channel 39



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.441004 GHz	17.81 dBm		
T1	1			2.44053247 GHz	-1.50 dBm	Occ Bw	945.054945055 kHz
T2	1			2.44147752 GHz	-4.14 dBm		

Date: 27 APR 2023 04:38:40

99% Occupied Bandwidth on Channel 78



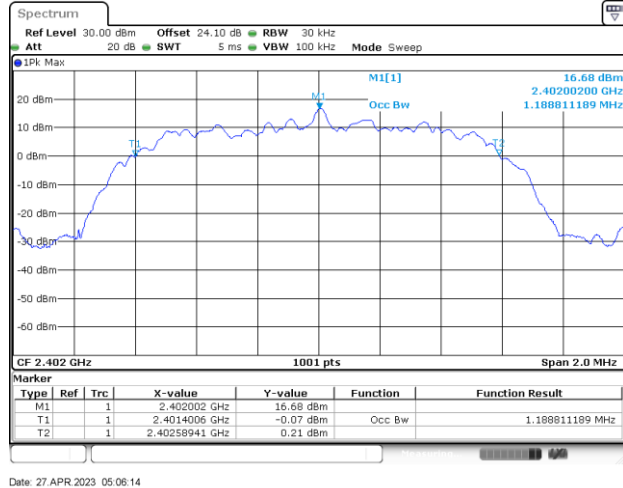
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.480006 GHz	16.94 dBm		
T1	1			2.47953047 GHz	-1.88 dBm	Occ Bw	947.052947053 kHz
T2	1			2.48047752 GHz	-4.91 dBm		

Date: 27 APR 2023 04:46:05



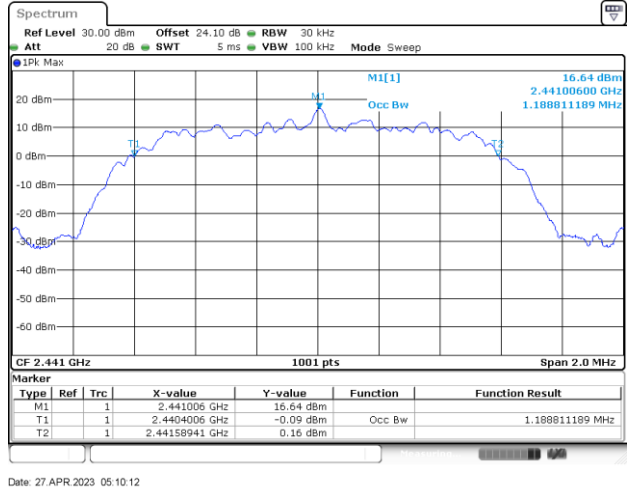
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99% Occupied Bandwidth on Channel 00



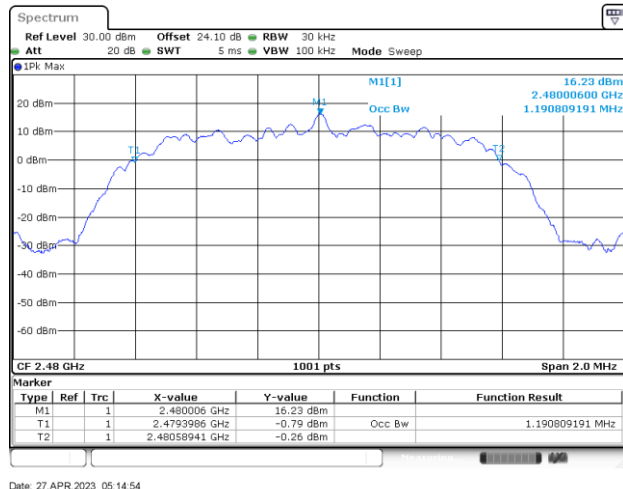
Date: 27 APR 2023 05:06:14

99% Occupied Bandwidth on Channel 39



Date: 27 APR 2023 05:10:12

99% Occupied Bandwidth on Channel 78

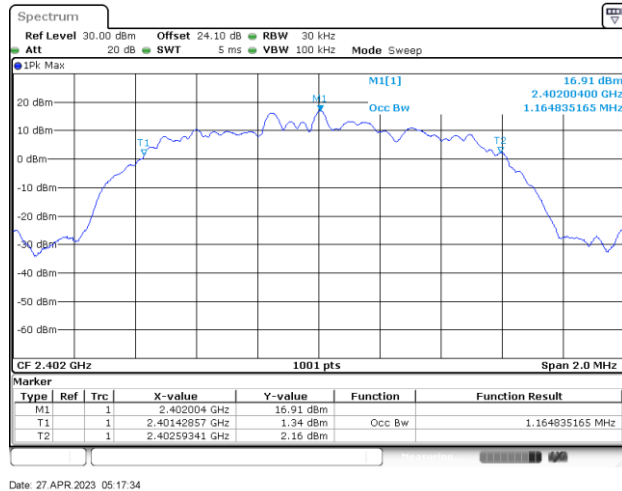


Date: 27 APR 2023 05:14:54



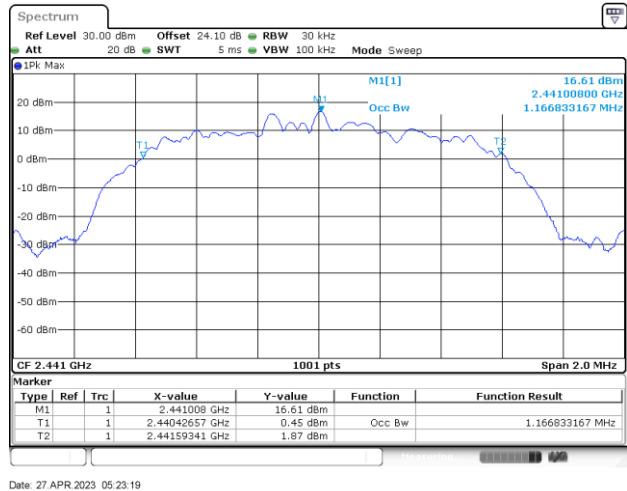
<3Mbps>

99% Occupied Bandwidth on Channel 00



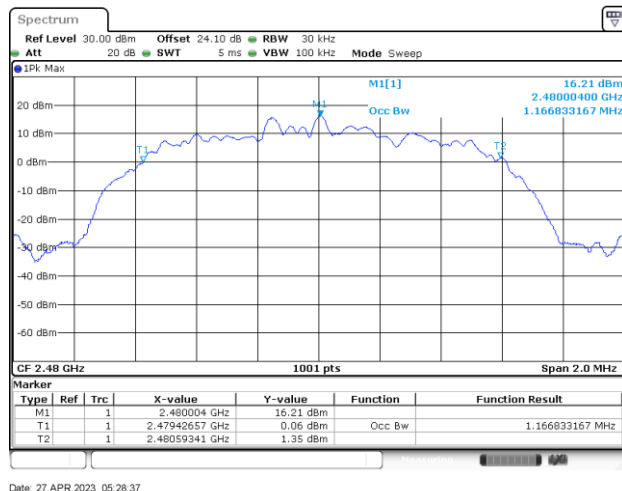
Date: 27 APR 2023 05:17:34

99% Occupied Bandwidth on Channel 39



Date: 27 APR 2023 05:23:19

99% Occupied Bandwidth on Channel 78



Date: 27 APR 2023 05:28:37

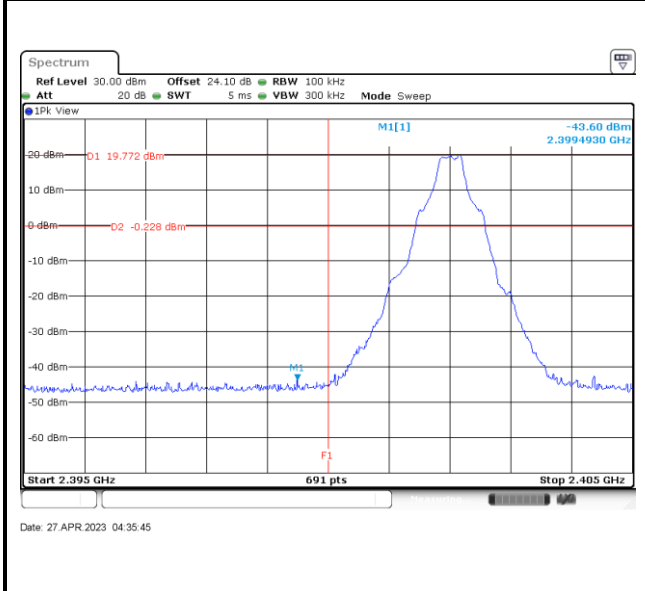
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



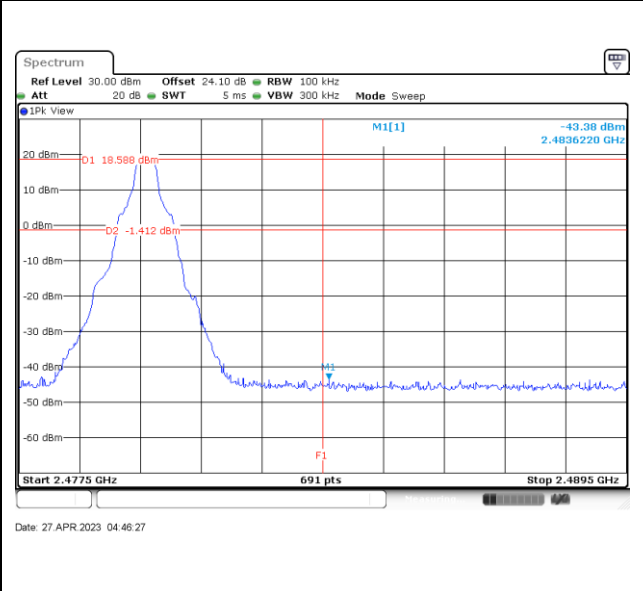
Band Edges

<1Mbps>

Low Band Edge Plot on Channel 00

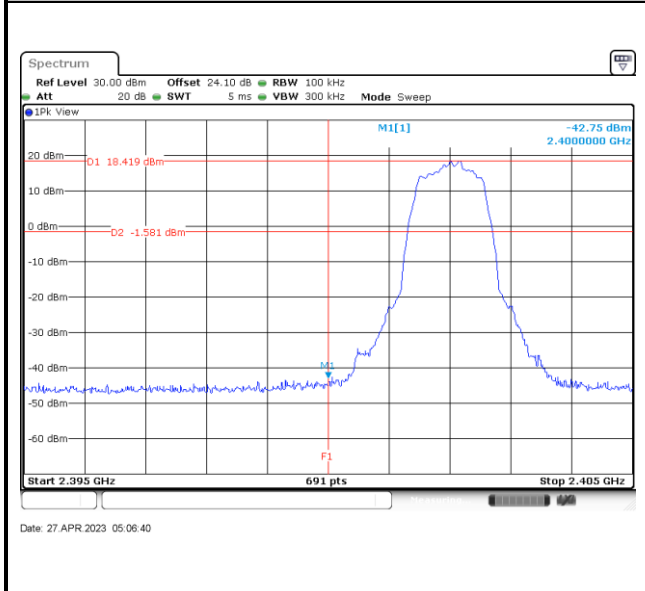


High Band Edge Plot on Channel 78

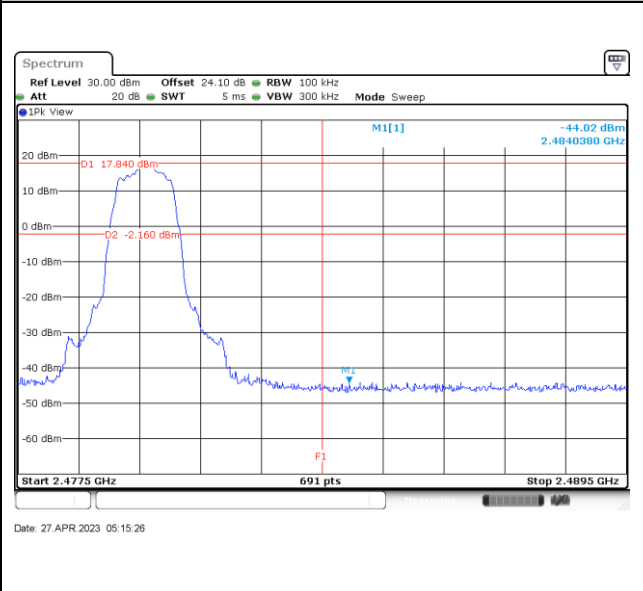


<2Mbps>

Low Band Edge Plot on Channel 00



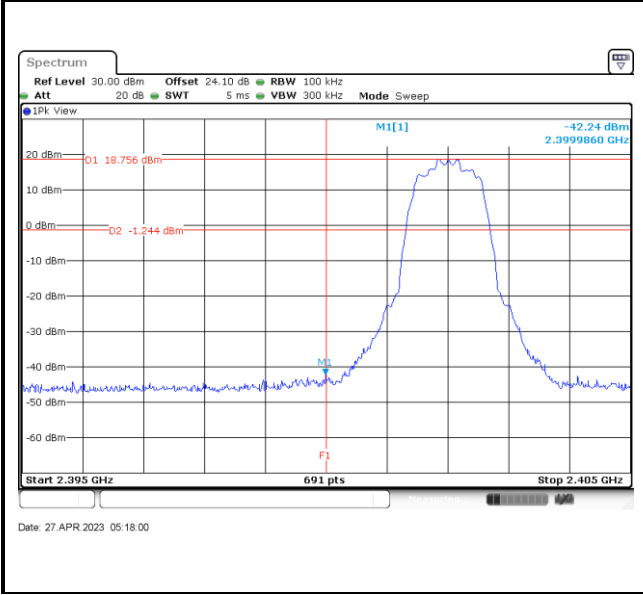
High Band Edge Plot on Channel 78



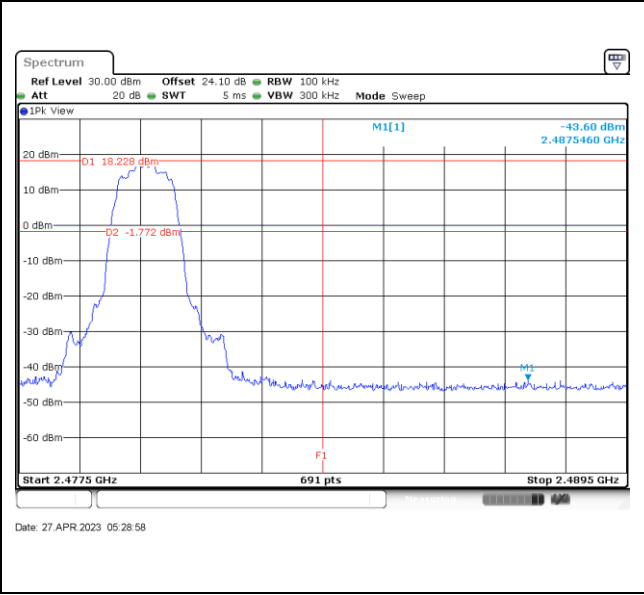


<3Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

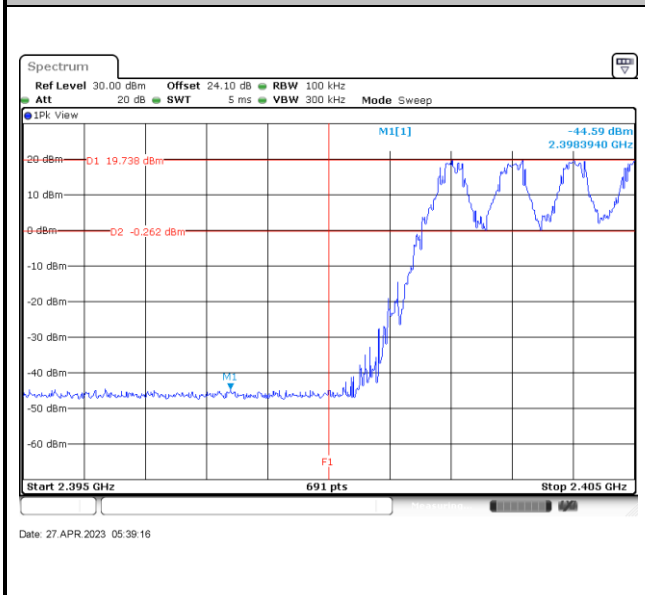




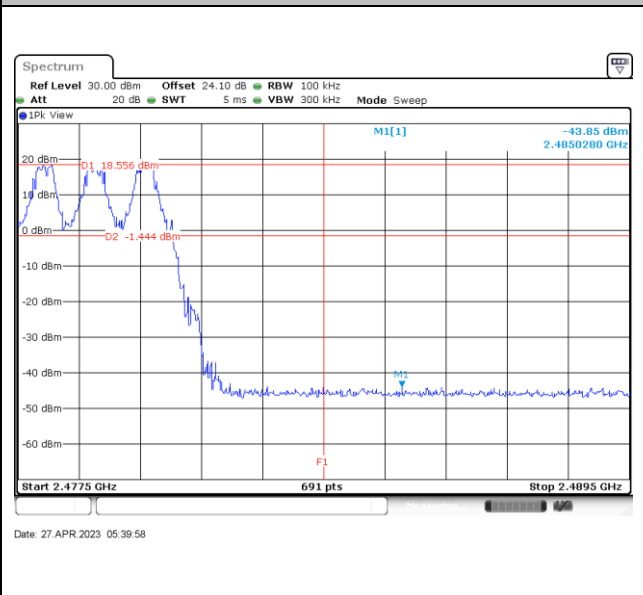
Hopping Mode Band Edges

<1Mbps>

Hopping Mode Low Band Edge Plot

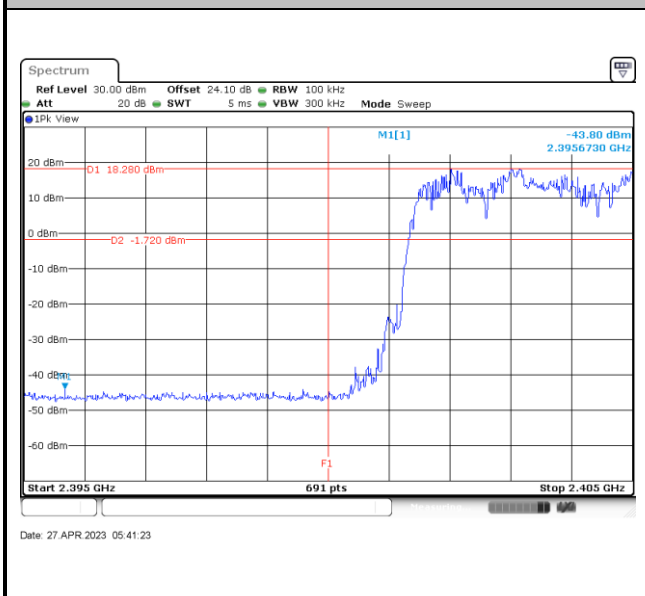


Hopping Mode High Band Edge Plot

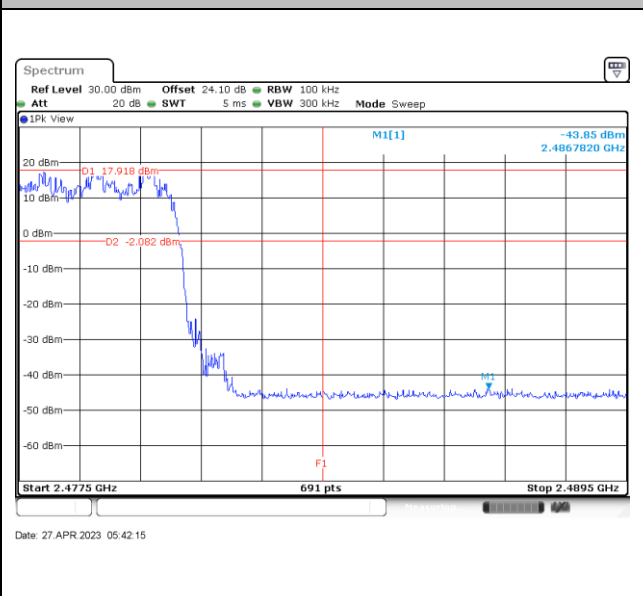


<2Mbps>

Hopping Mode Low Band Edge Plot



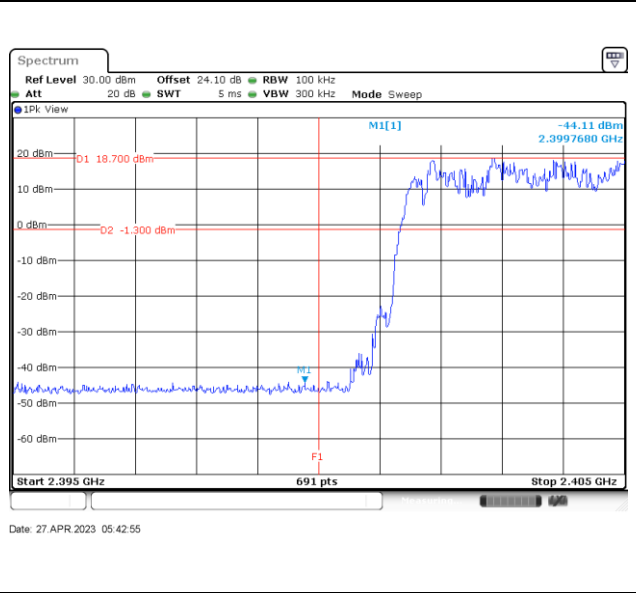
Hopping Mode High Band Edge Plot



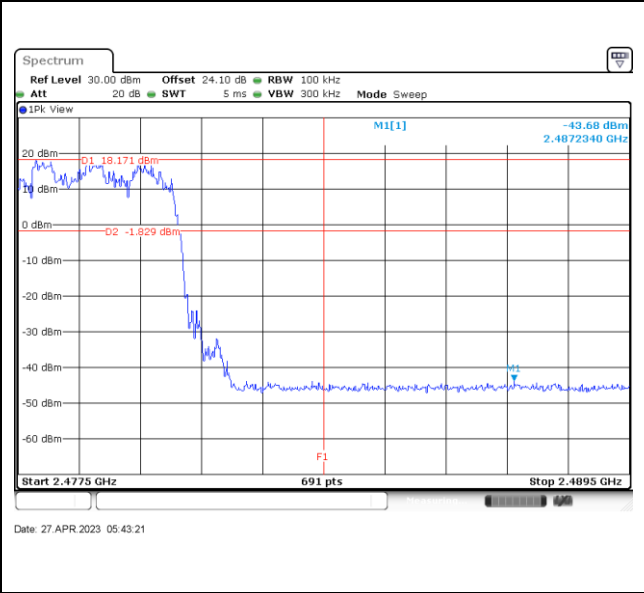


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Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

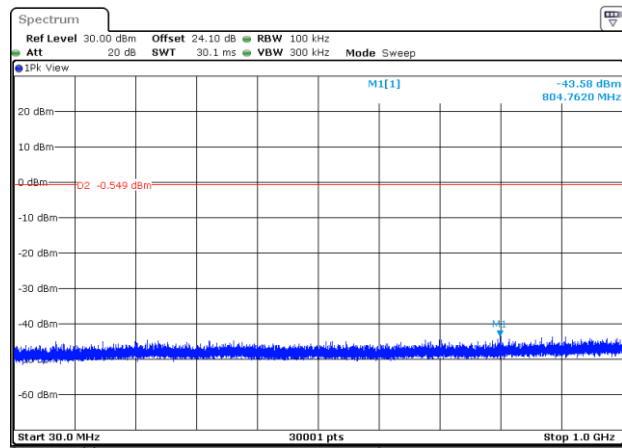




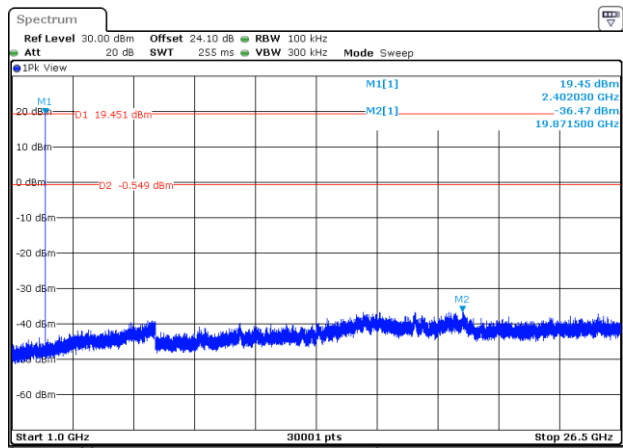
Spurious Emission

<1Mbps>

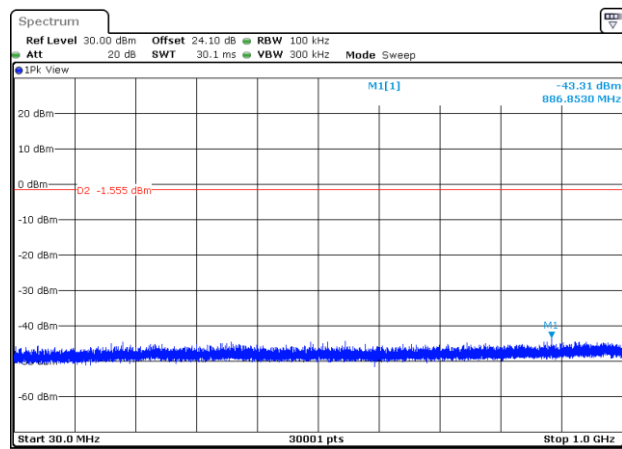
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



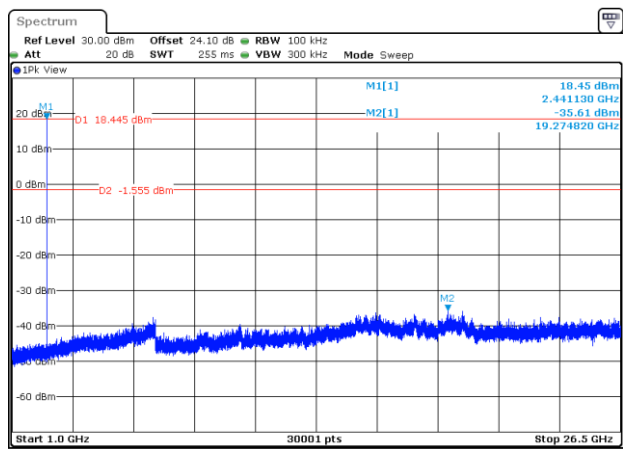
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

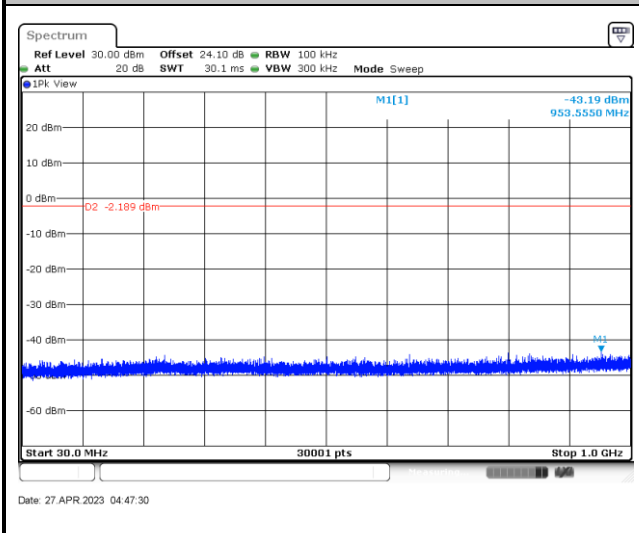


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

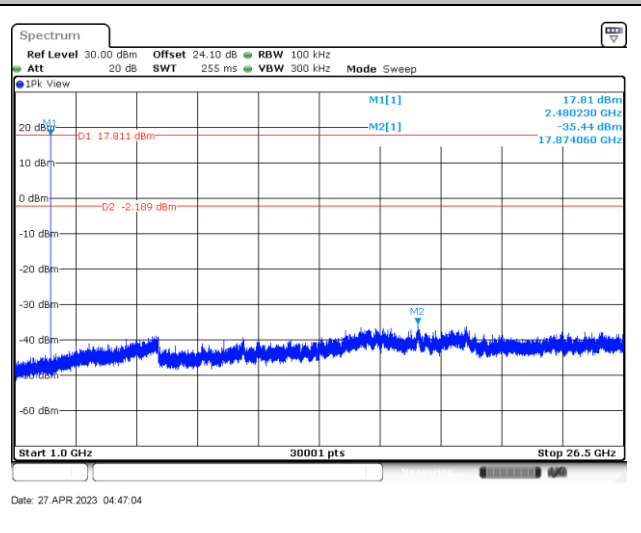




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



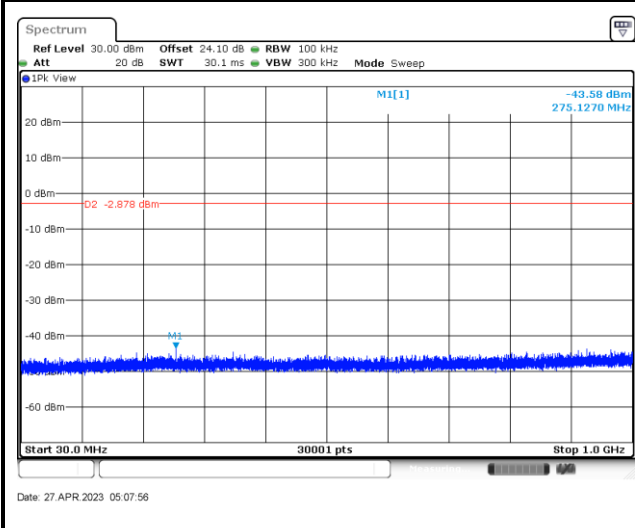
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



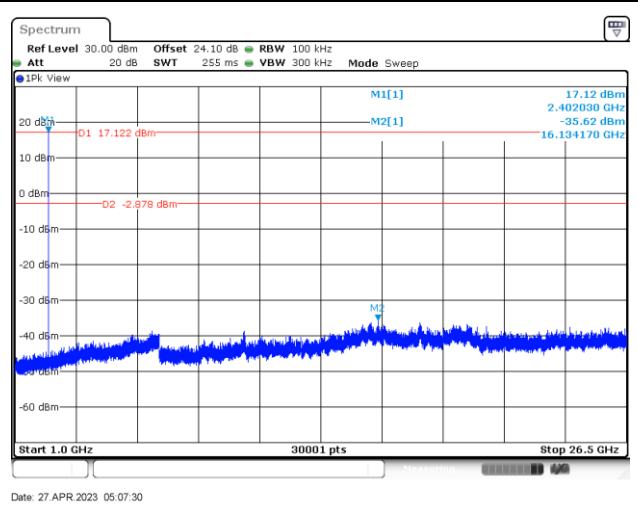


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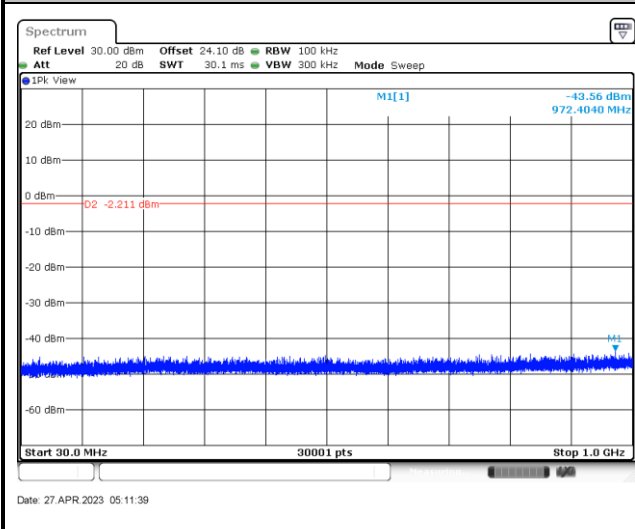
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



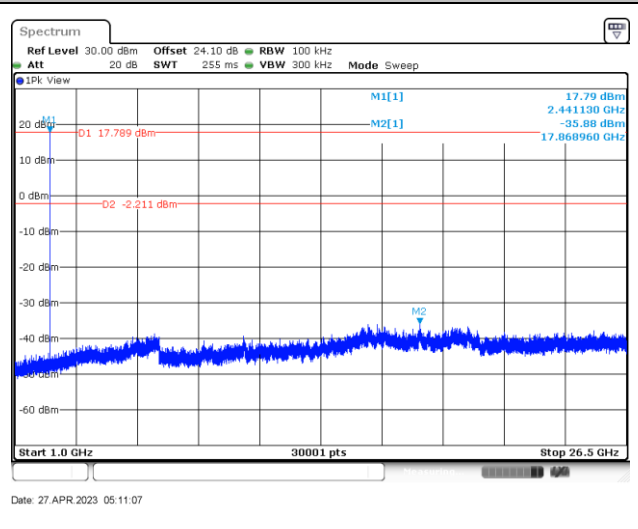
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

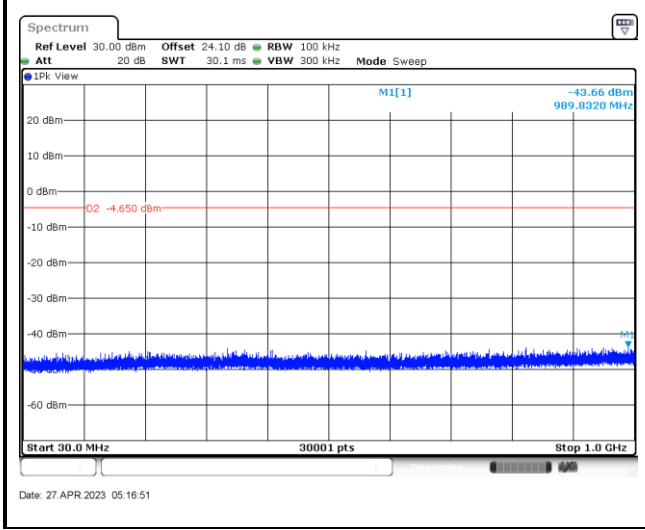


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

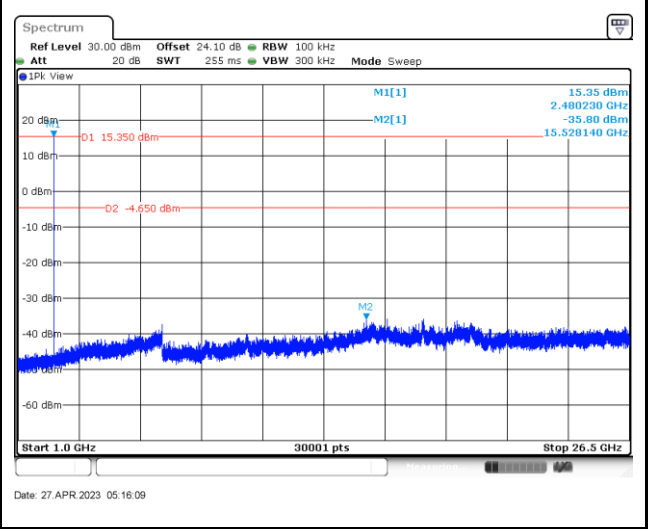




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



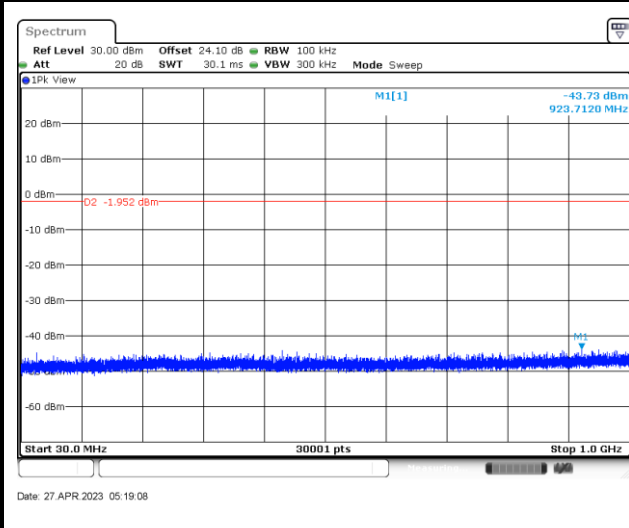
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



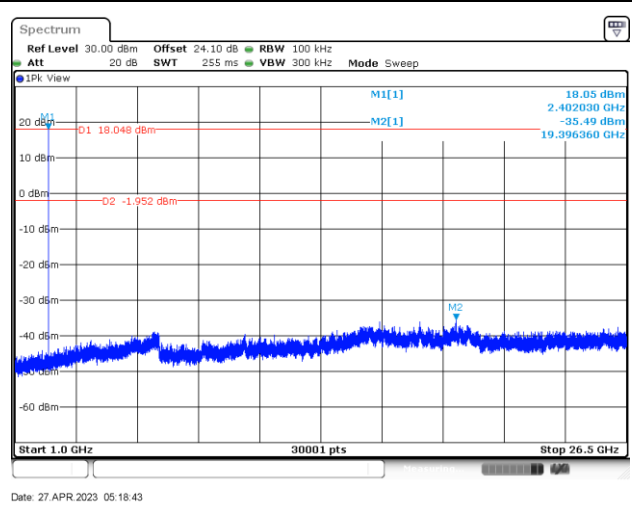


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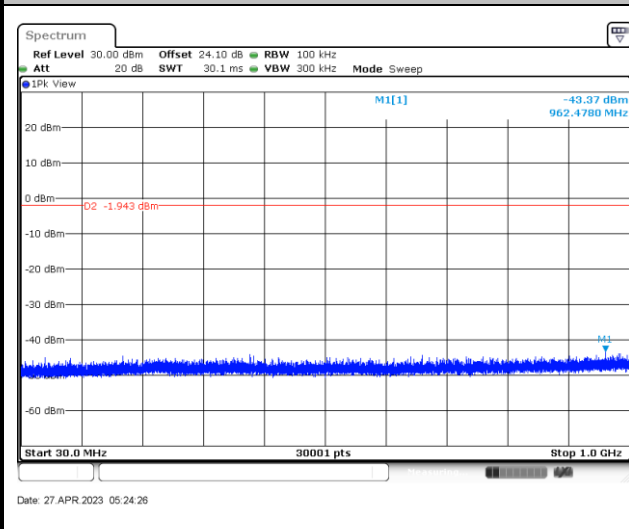
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



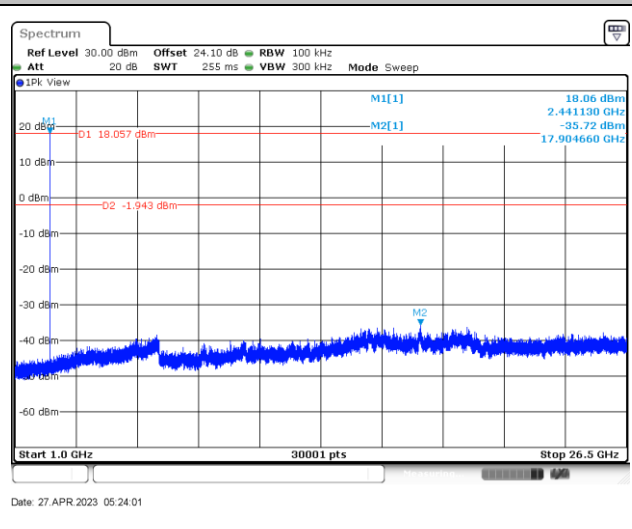
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

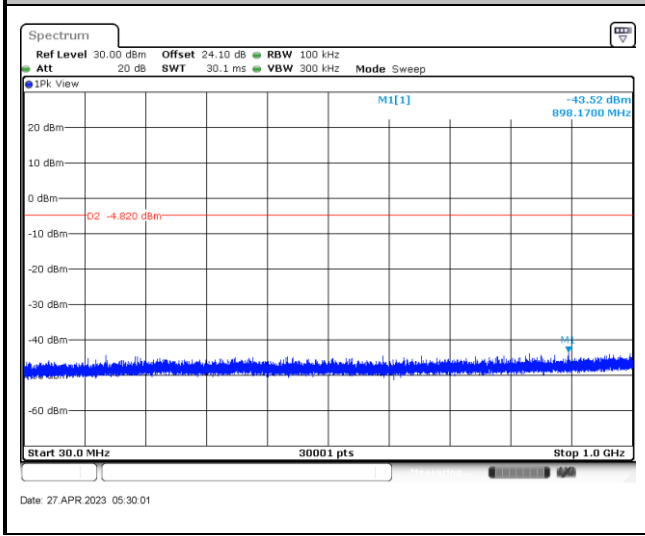


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

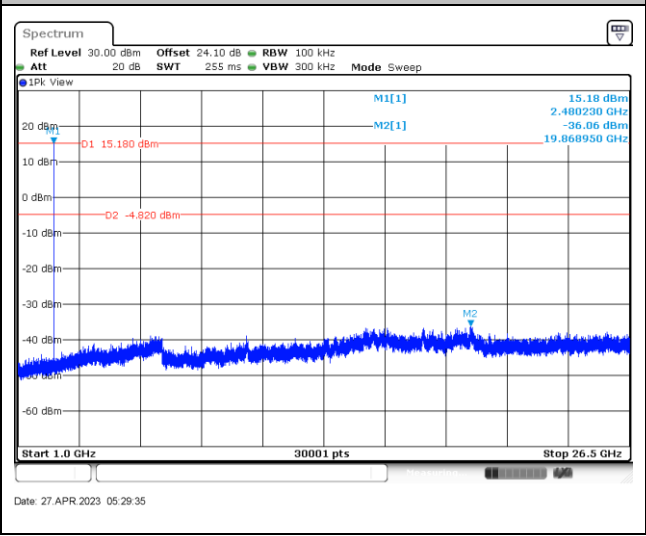




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



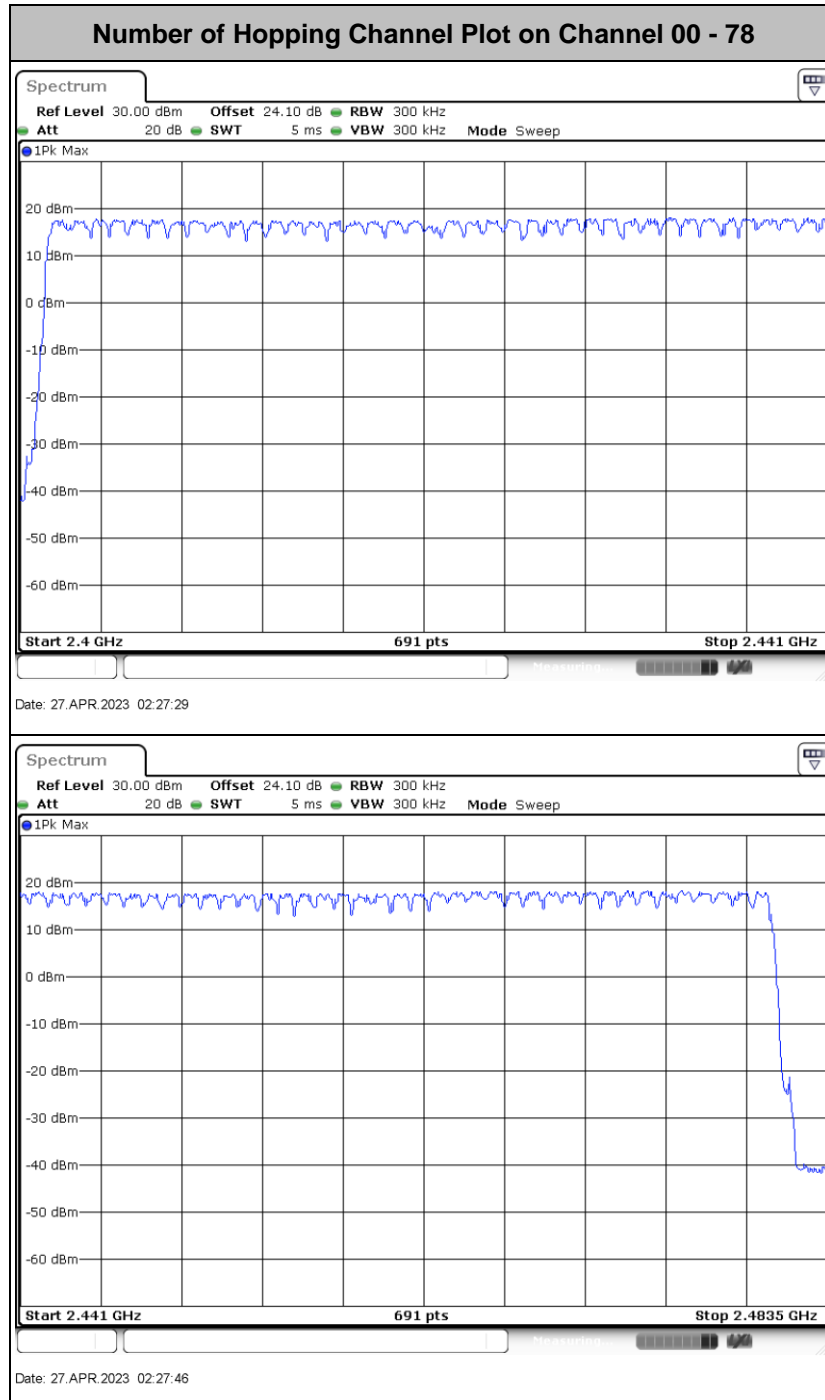
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<HR 2Mbps Ant. 3>

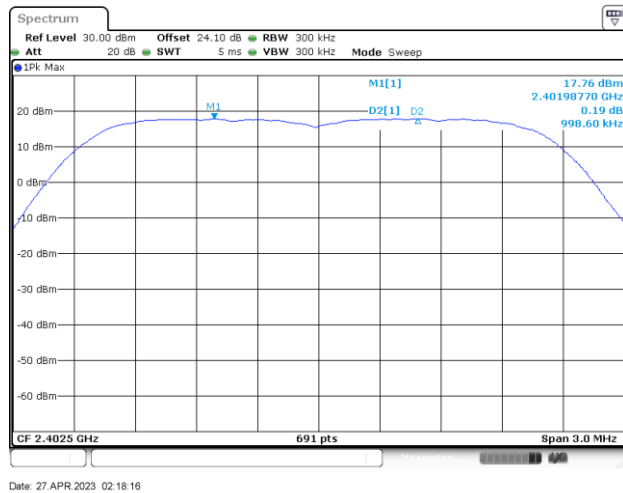
Number of Hopping Frequency



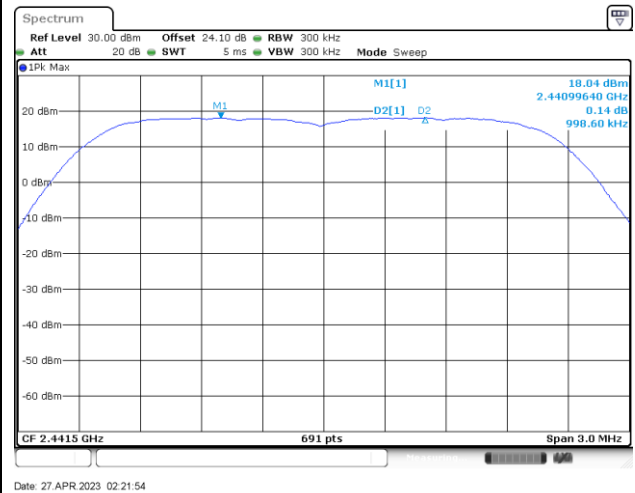


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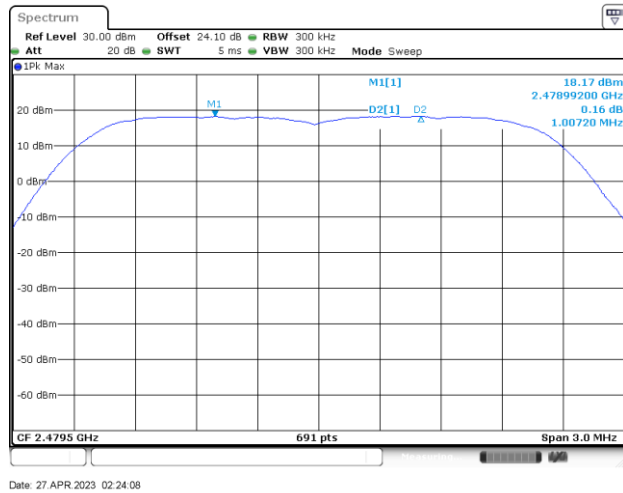
Channel Separation Plot on Channel 00 - 01



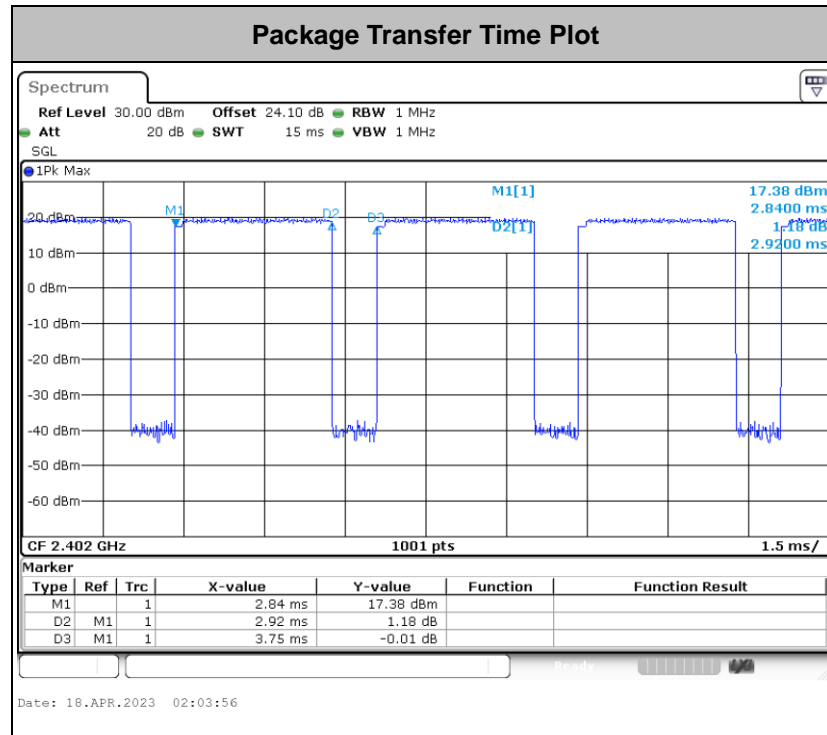
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time



Remark:

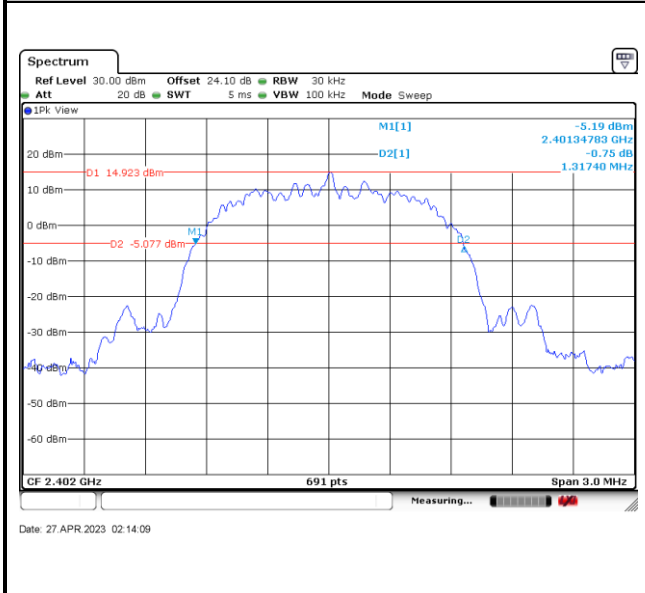
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in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



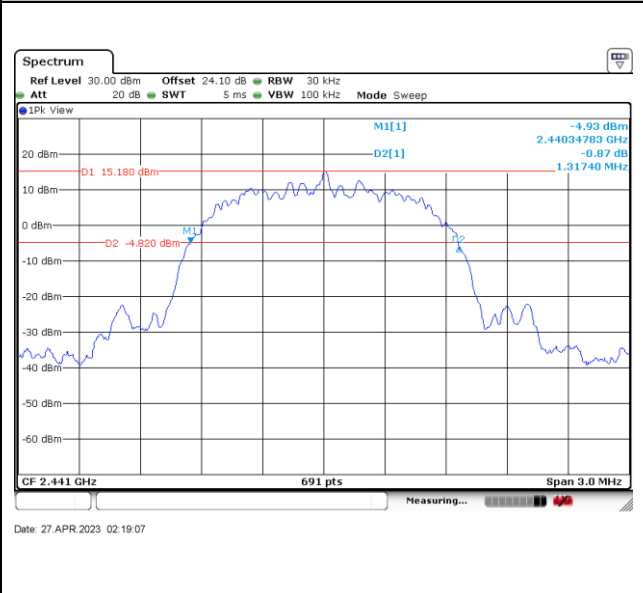
20dB Bandwidth

<2Mbps>

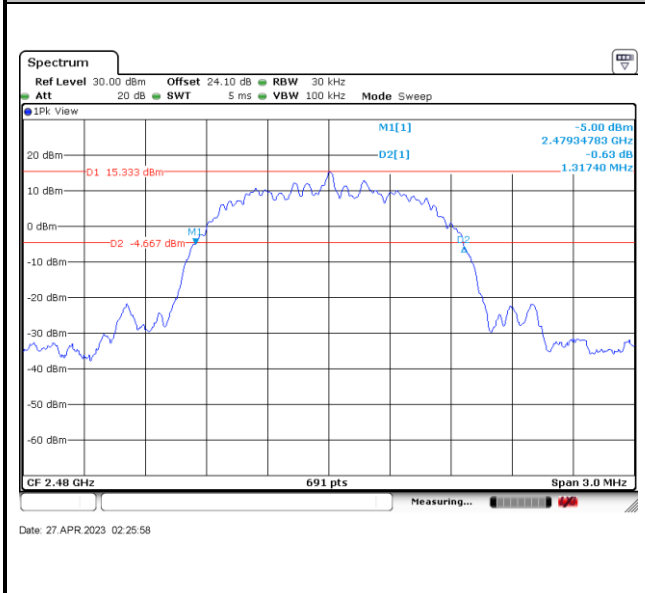
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



20 dB Bandwidth Plot on Channel 78

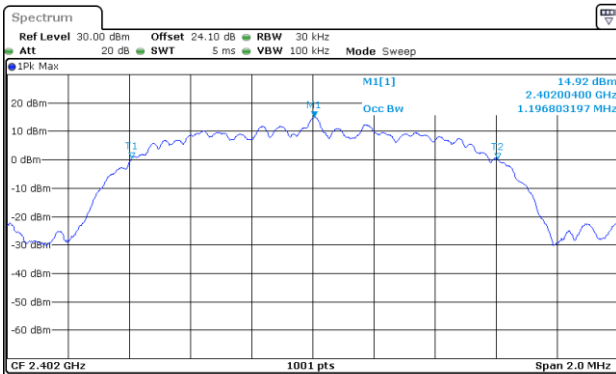




99% Occupied Bandwidth

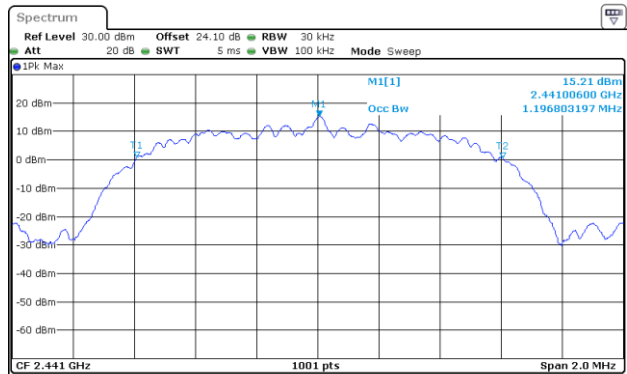
<2Mbps>

99% Occupied Bandwidth on Channel 00



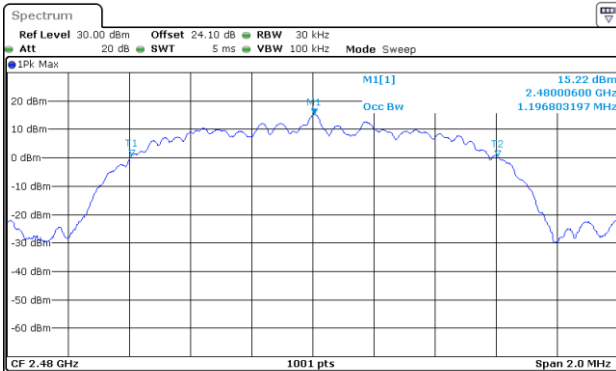
Date: 27 APR 2023 02:13:37

99% Occupied Bandwidth on Channel 39



Date: 27 APR 2023 02:18:45

99% Occupied Bandwidth on Channel 78



Date: 27 APR 2023 02:24:44

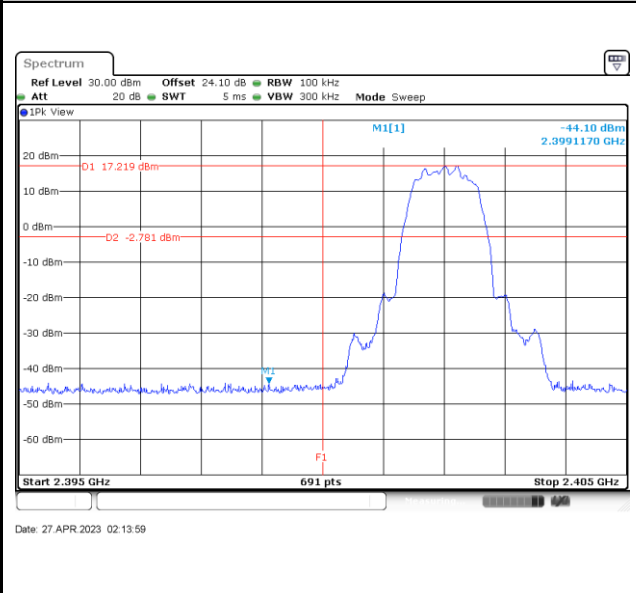
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



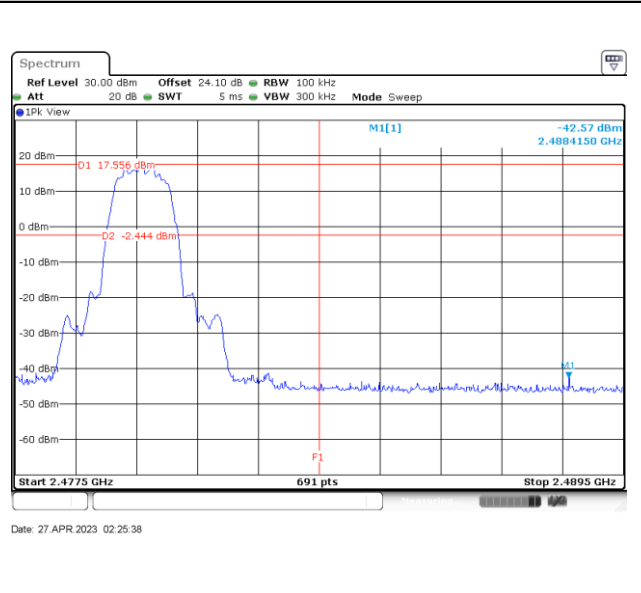
Band Edges

<2Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

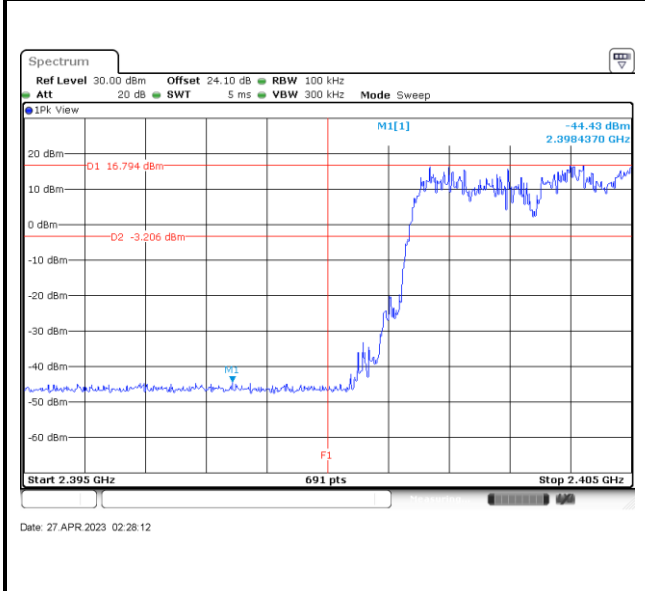




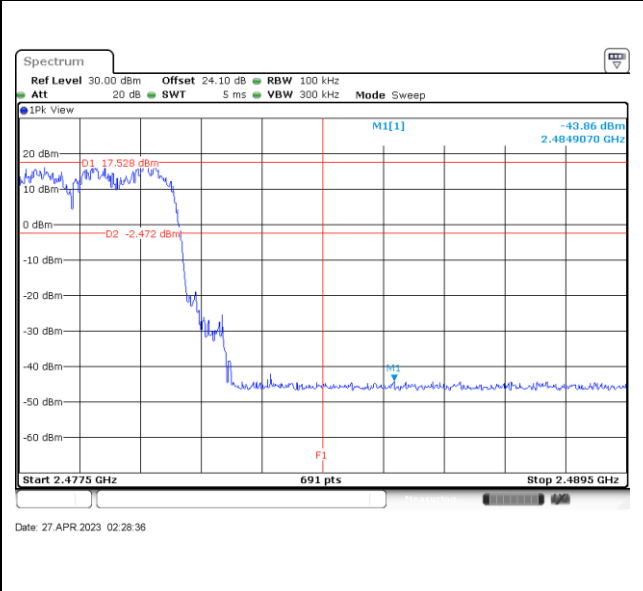
Hopping Mode Band Edges

<2Mbps>

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

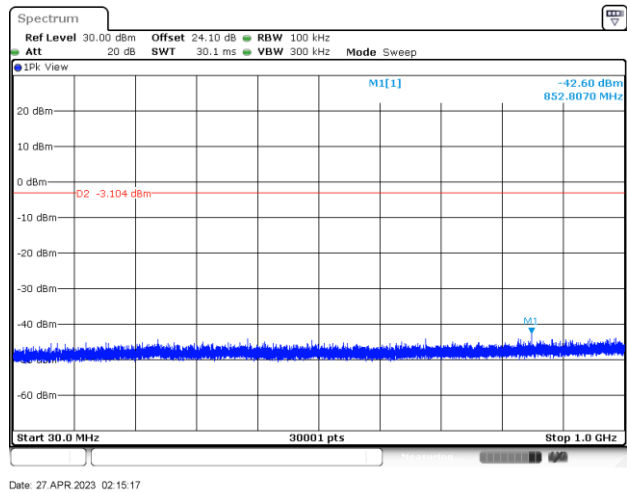




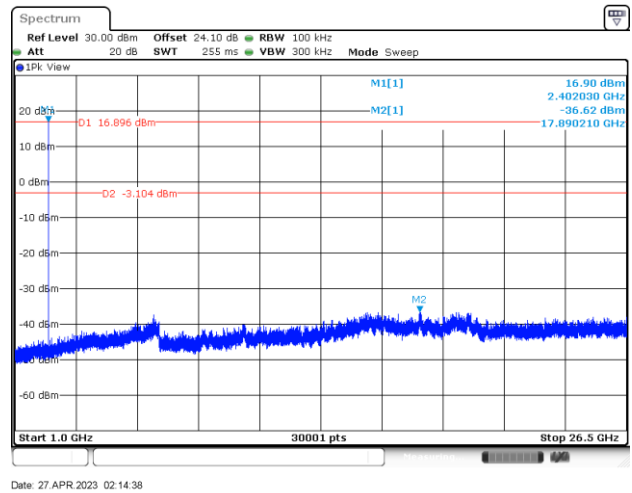
Spurious Emission

<2Mbps>

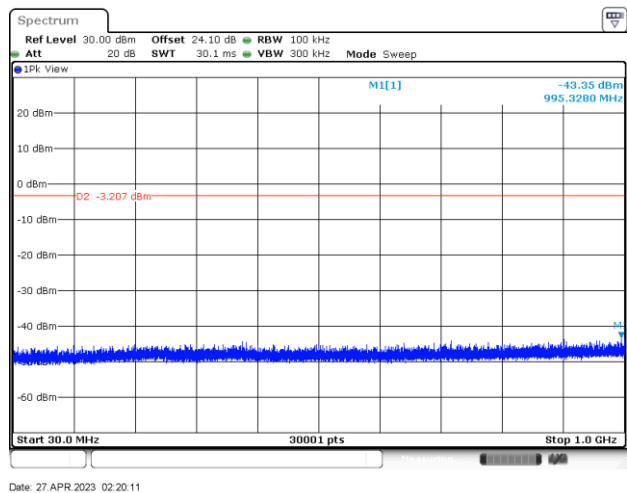
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



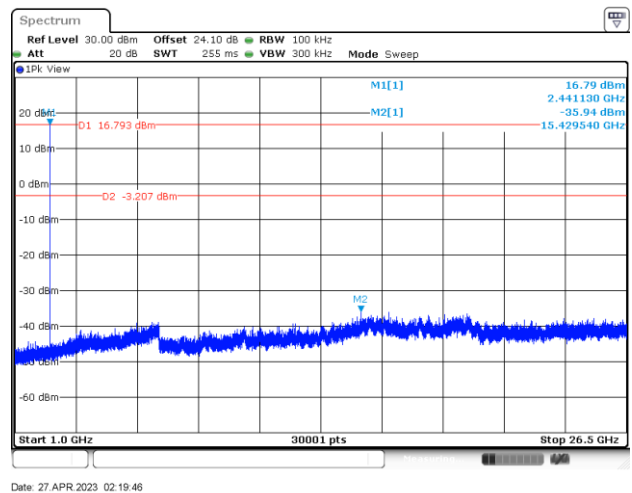
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

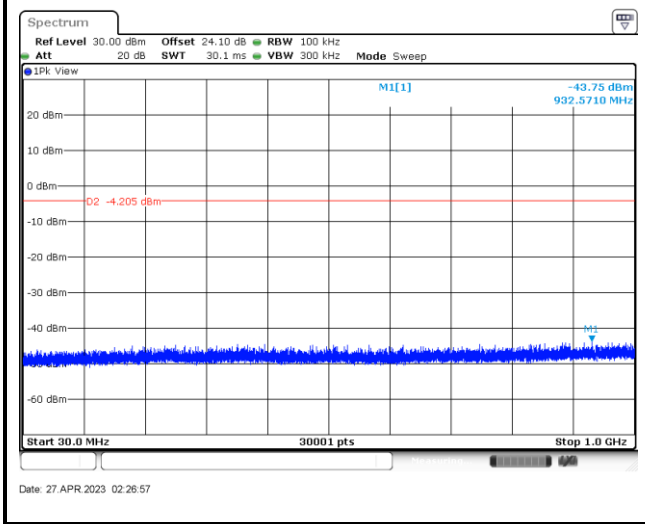


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

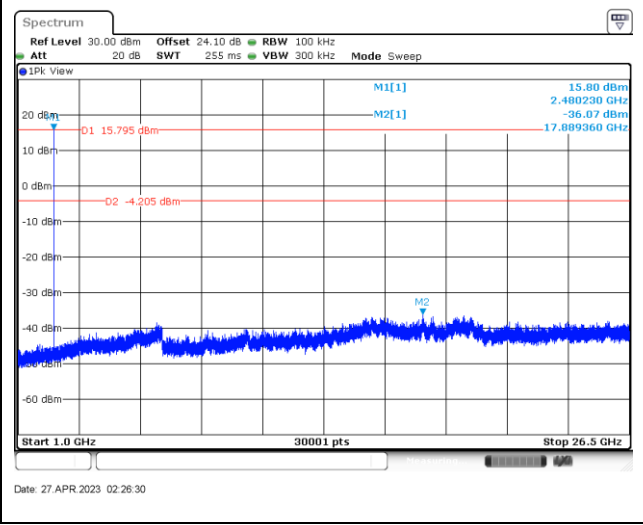




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



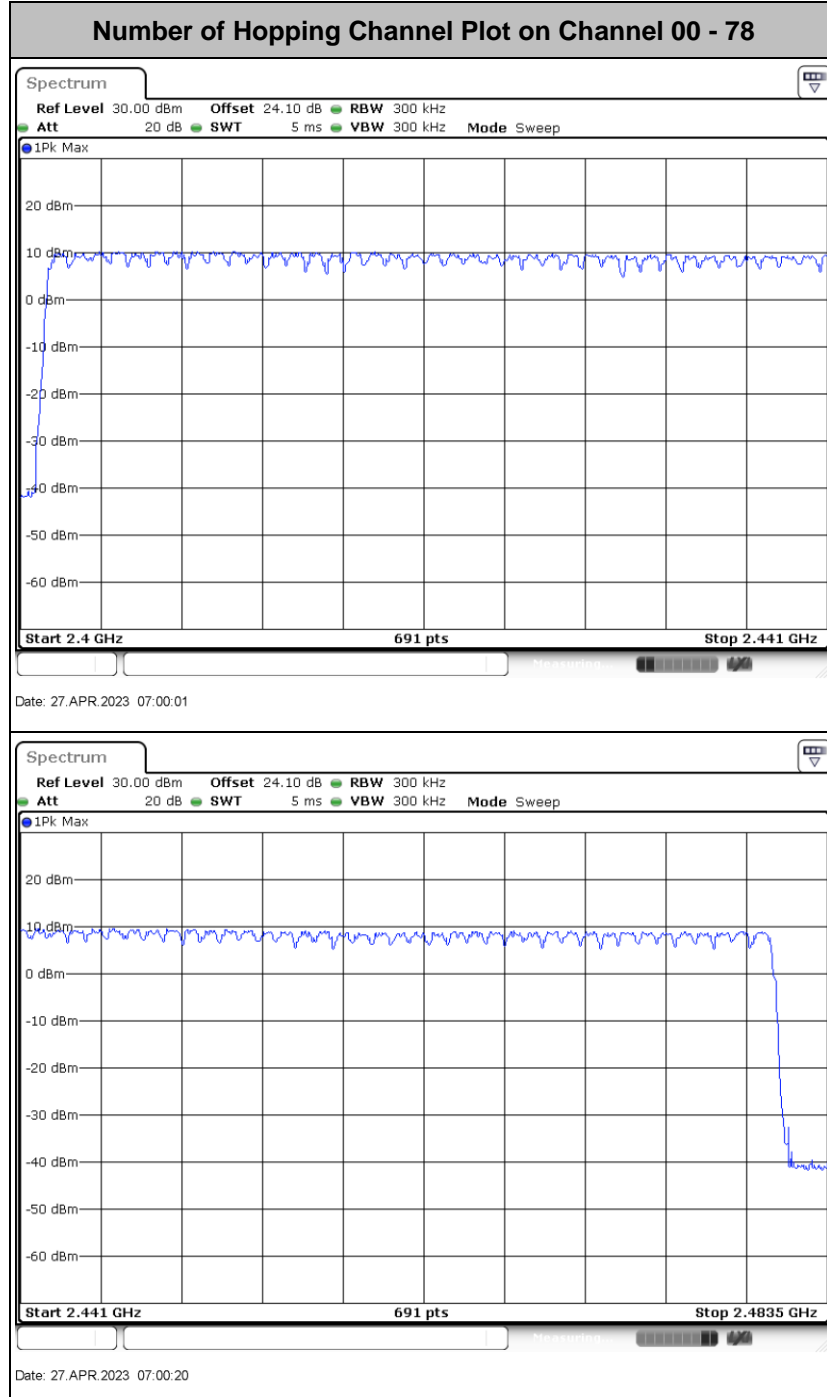
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<HR 2Mbps Ant.4>

Number of Hopping Frequency



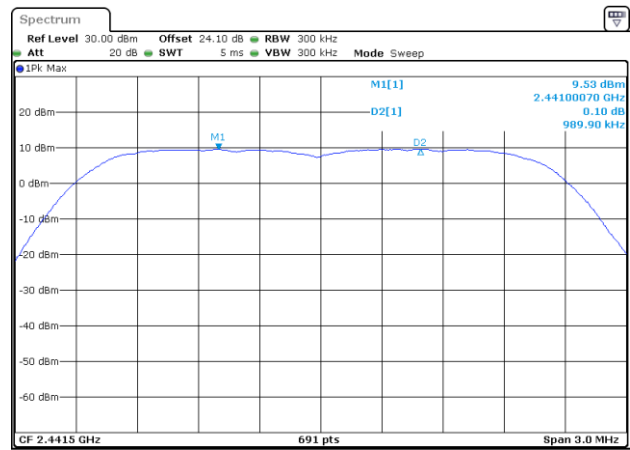
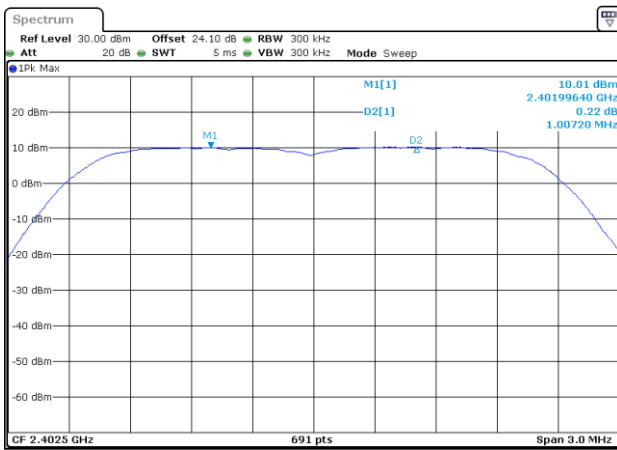


Hopping Channel Separation

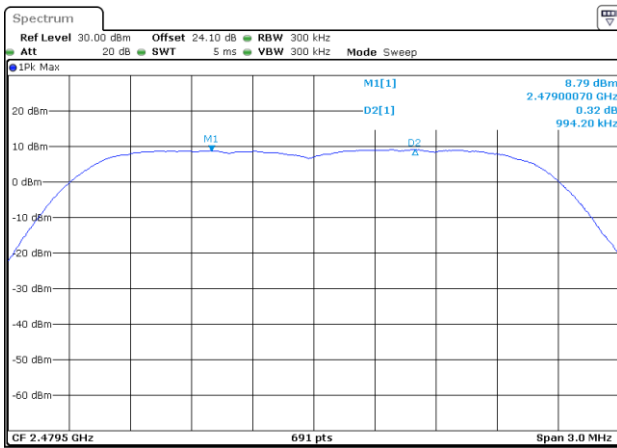
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Channel Separation Plot on Channel 00 - 01

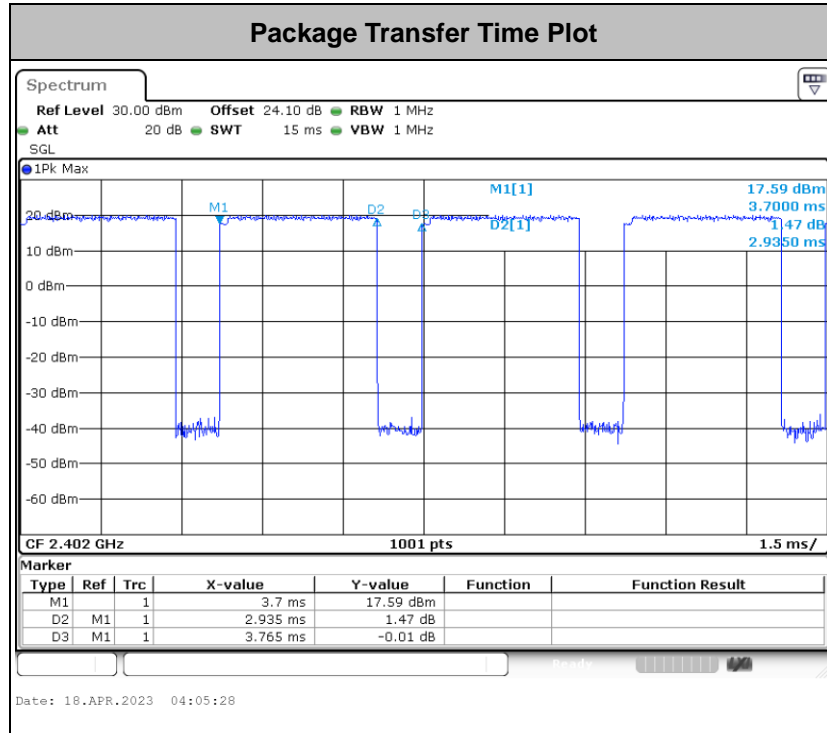
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time



Remark:

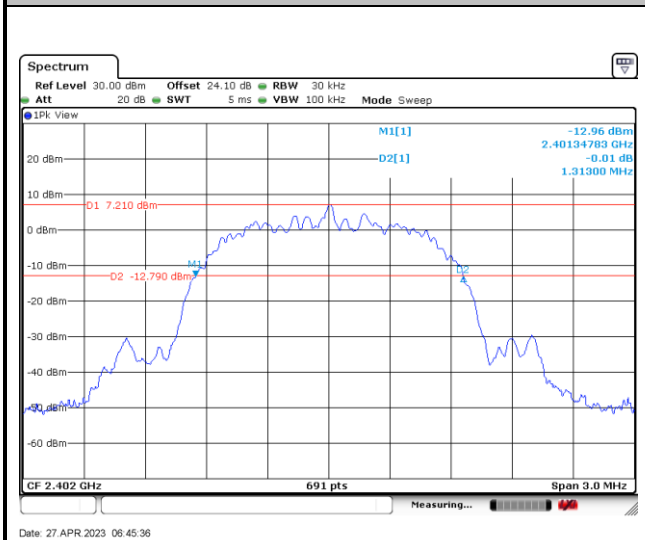
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in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

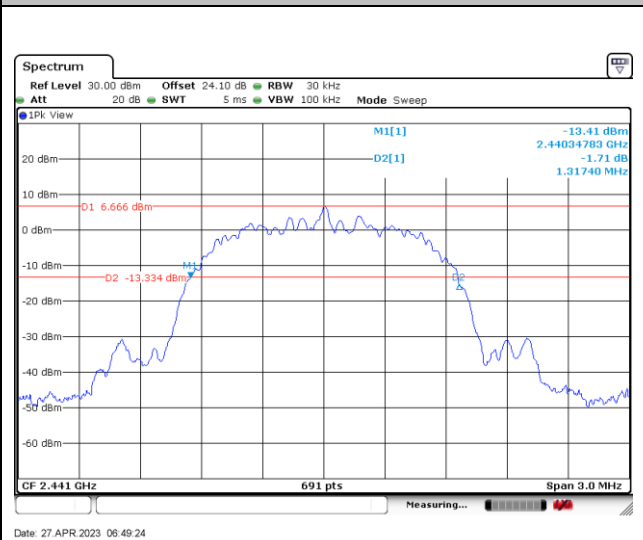
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20 dB Bandwidth Plot on Channel 00



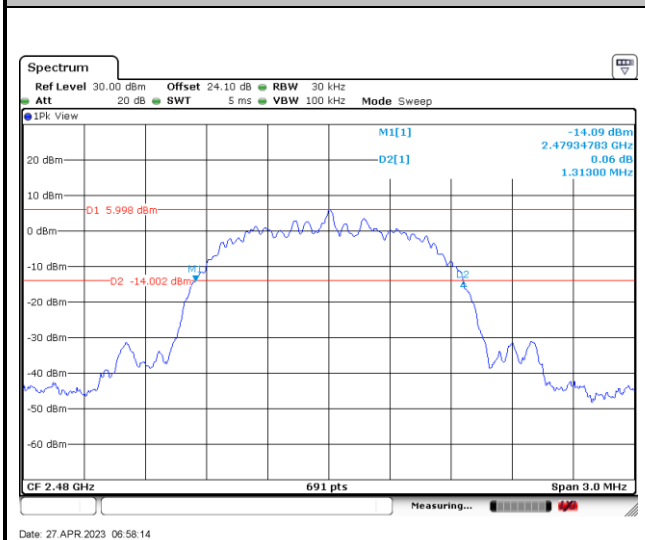
Date: 27 APR 2023 06:45:36

20 dB Bandwidth Plot on Channel 39



Date: 27 APR 2023 06:49:24

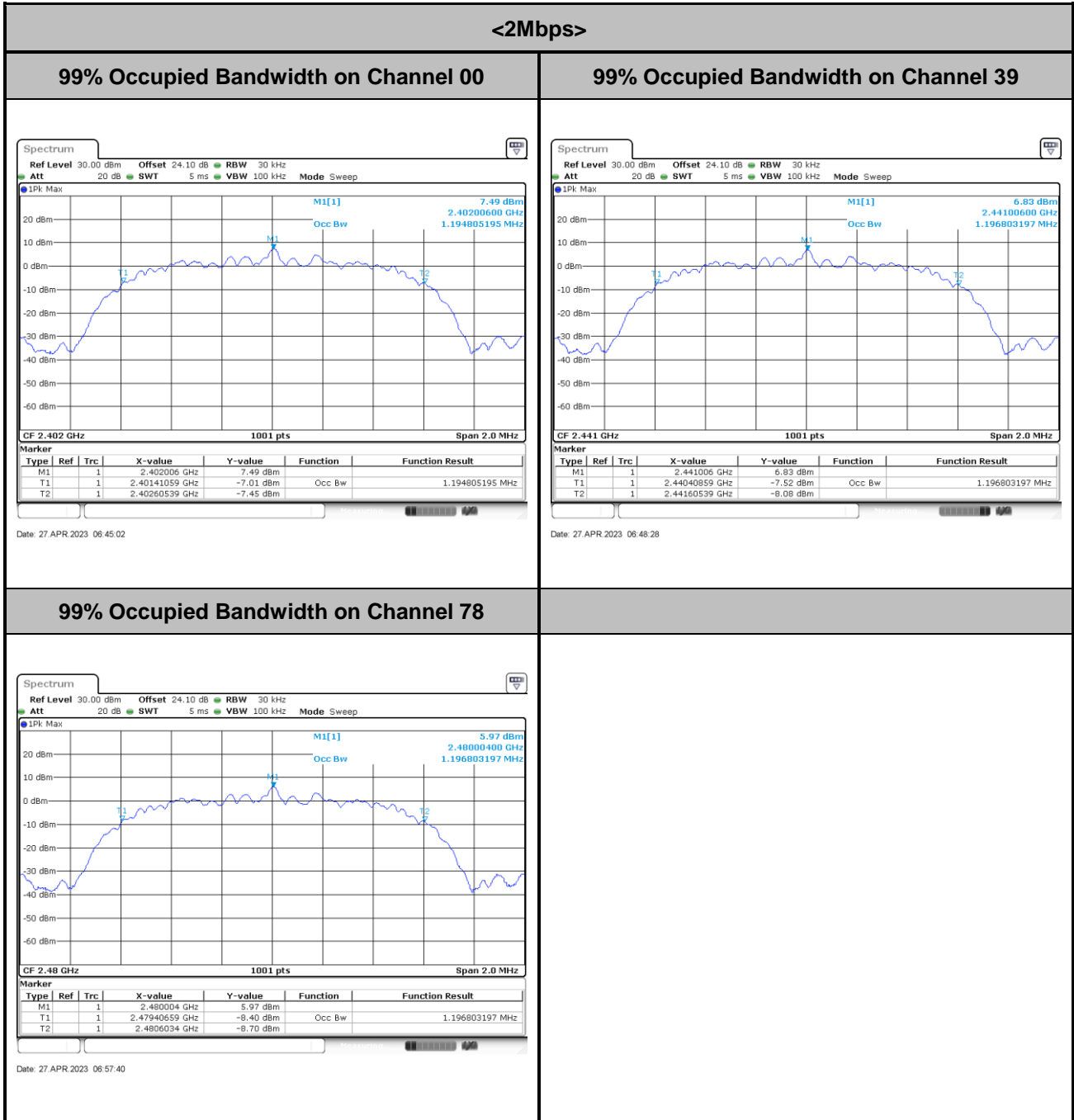
20 dB Bandwidth Plot on Channel 78



Date: 27 APR 2023 06:58:14



99% Occupied Bandwidth



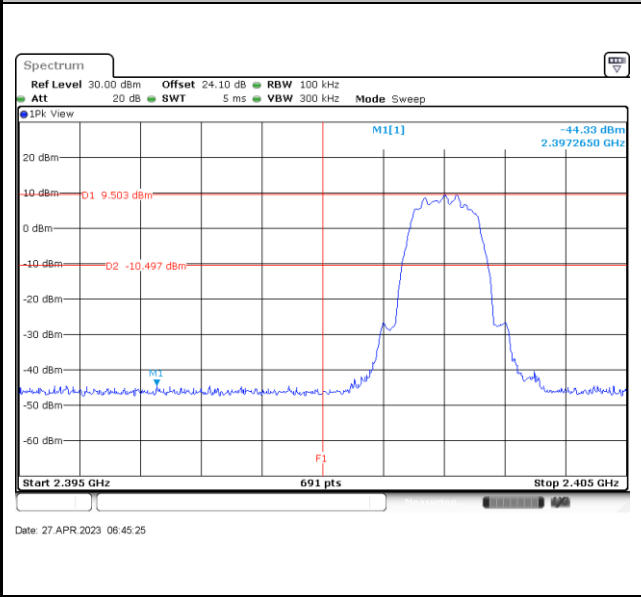
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



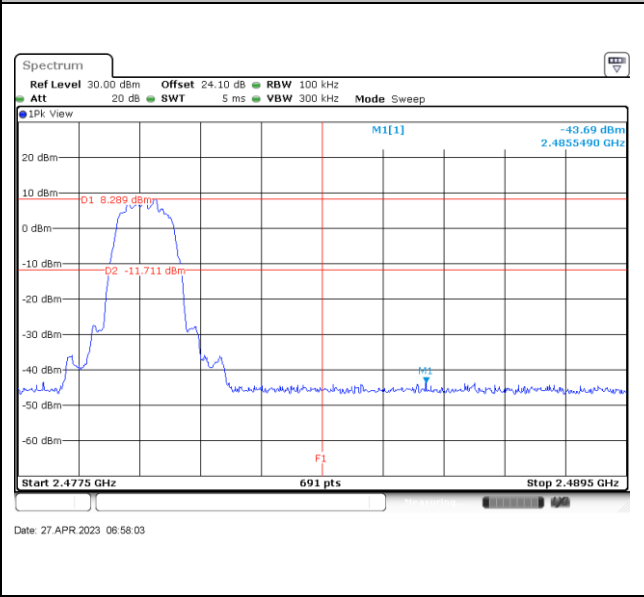
Band Edges

<2Mbps>

Low Band Edge Plot on Channel 00

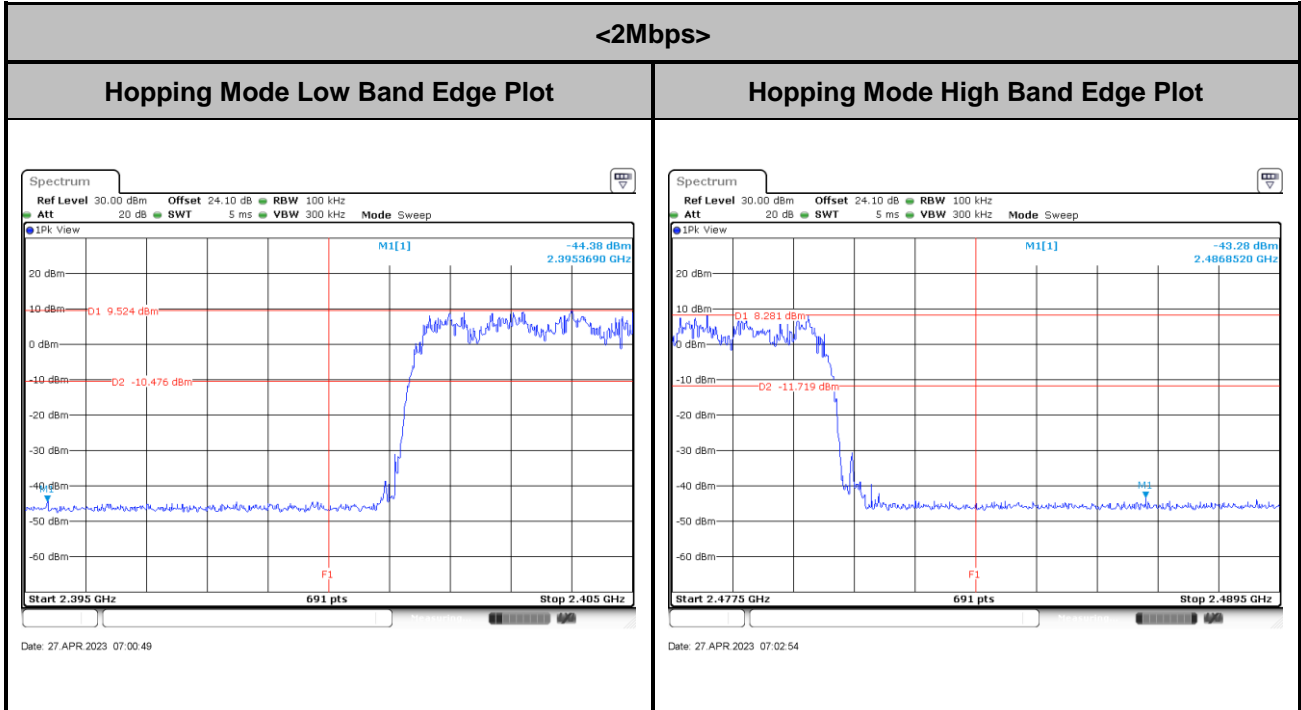


High Band Edge Plot on Channel 78





Hopping Mode Band Edges

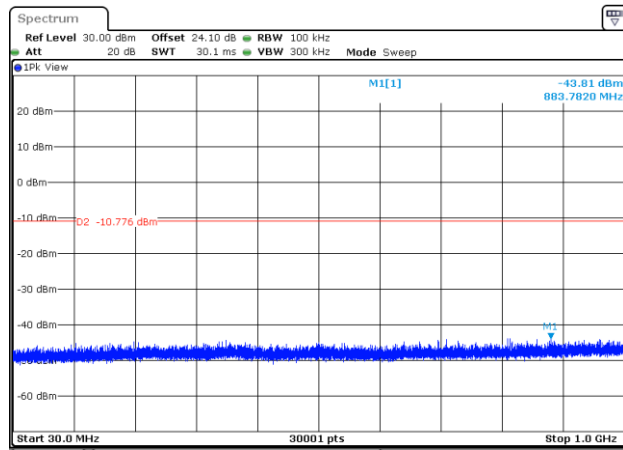




Spurious Emission

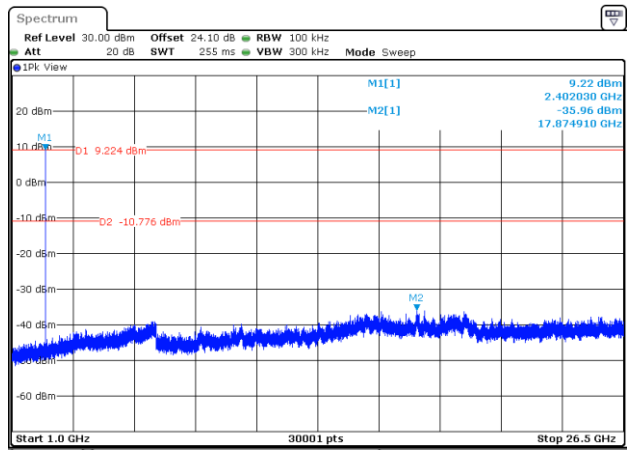
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CSE Plot on Ch 00 between 30MHz ~ 3 GHz



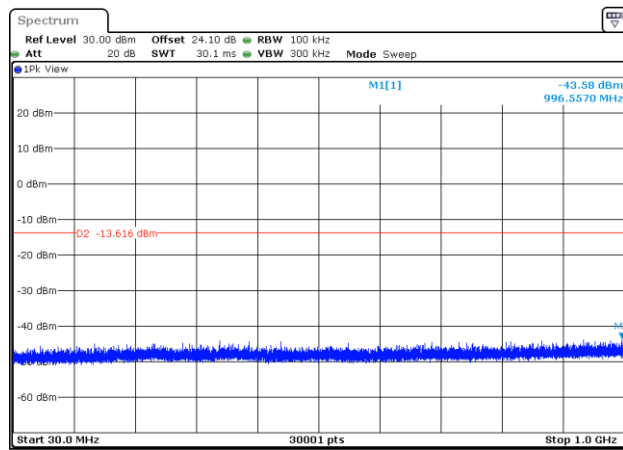
Date: 27 APR 2023 06:46:32

CSE Plot on Ch 00 between 2 GHz ~ 25 GHz



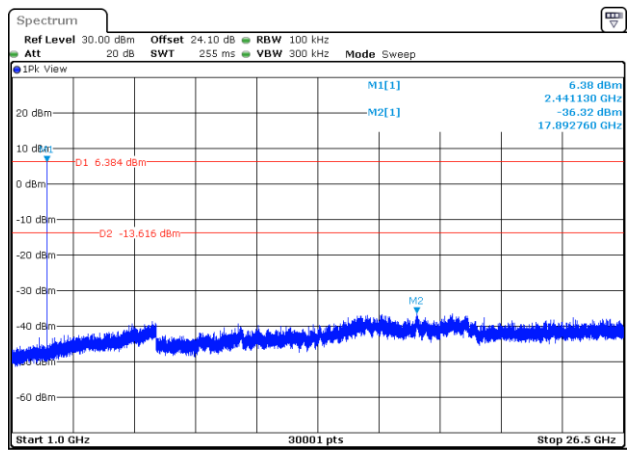
Date: 27 APR 2023 06:46:04

CSE Plot on Ch 39 between 30MHz ~ 3 GHz



Date: 27 APR 2023 06:52:29

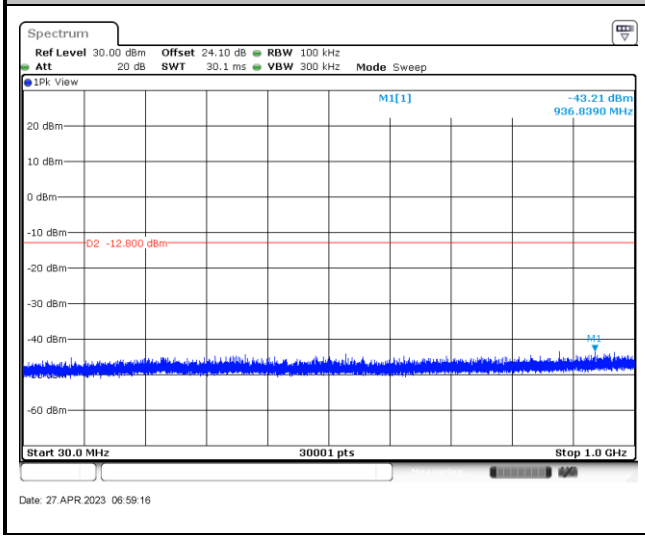
CSE Plot on Ch 39 between 2 GHz ~ 25 GHz



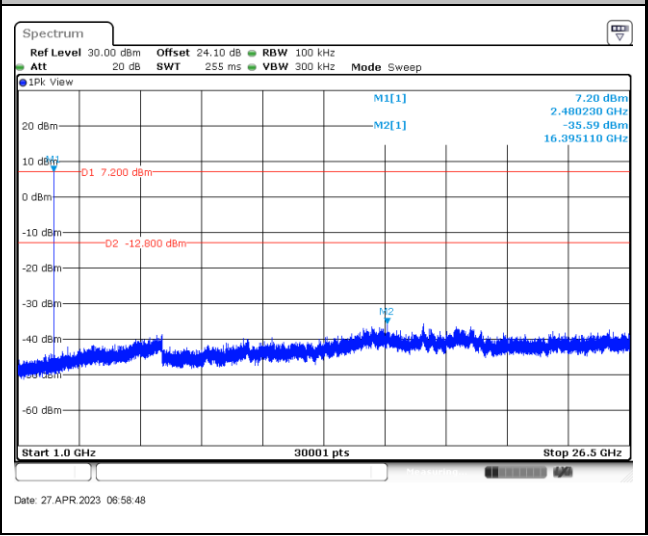
Date: 27 APR 2023 06:52:02



CSE Plot on Ch 78 between 30MHz ~ 3 GHz



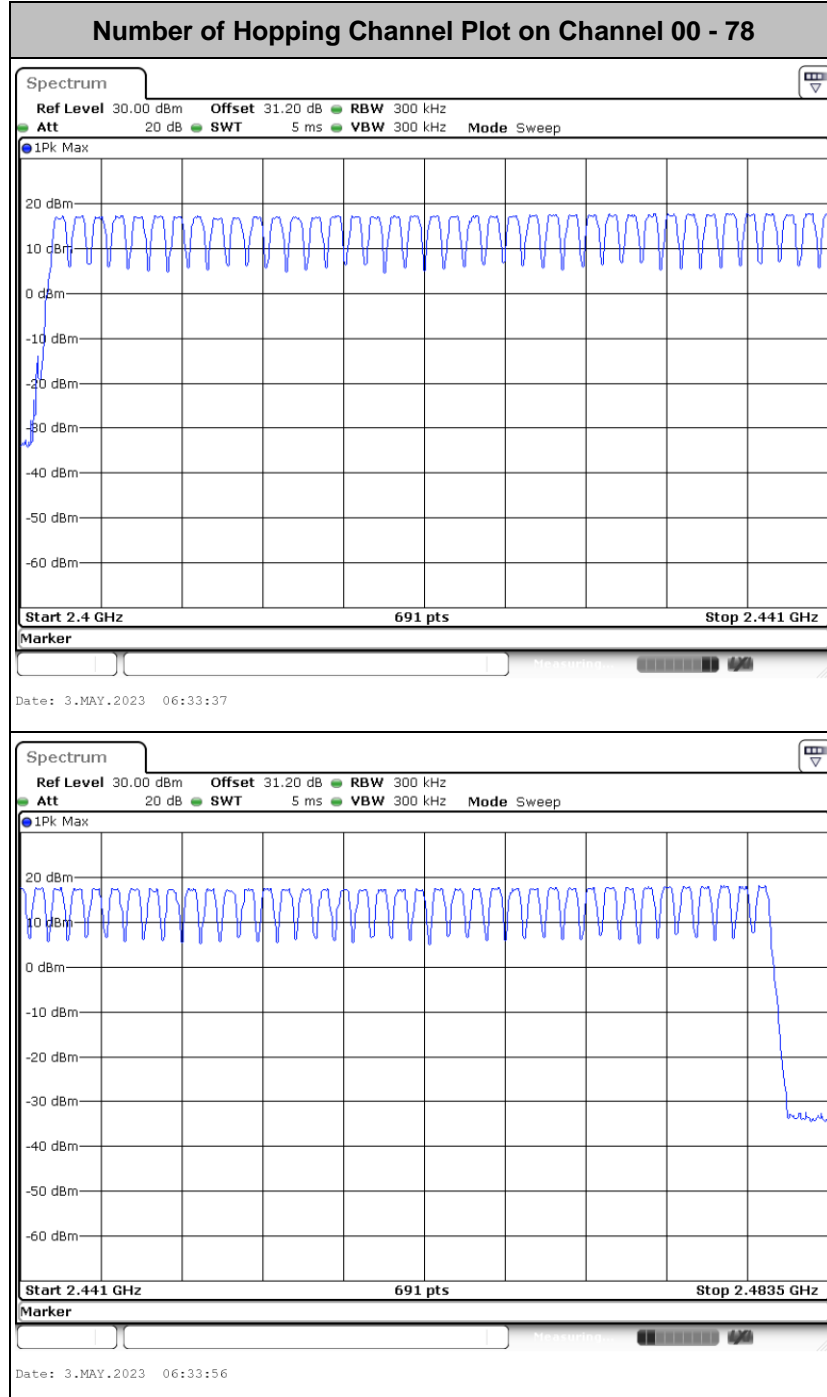
CSE Plot on Ch 78 between 2 GHz ~ 25 GHz





<TXBF BR+EDR Ant.3>

Number of Hopping Frequency

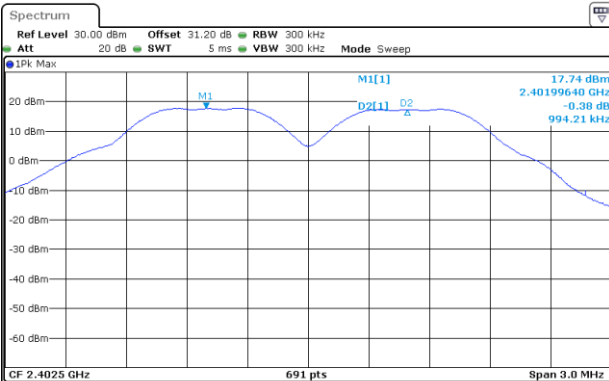




Hopping Channel Separation

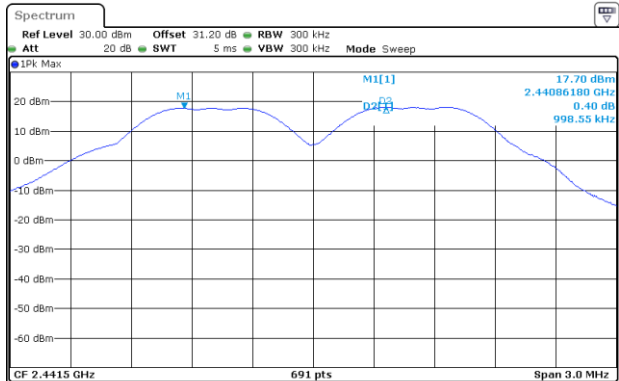
<1Mbps>

Channel Separation Plot on Channel 00 - 01



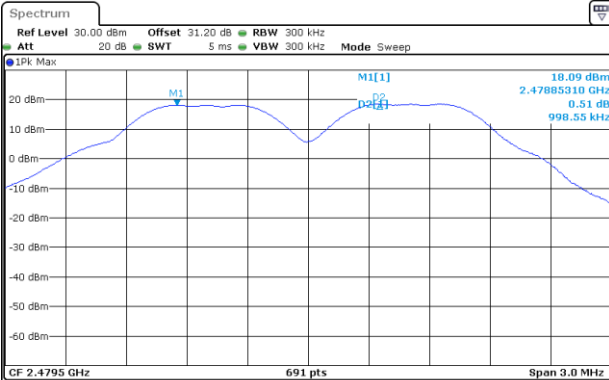
Date: 3.MAY.2023 05:48:06

Channel Separation Plot on Channel 39 - 40



Date: 3.MAY.2023 05:52:37

Channel Separation Plot on Channel 77 - 78



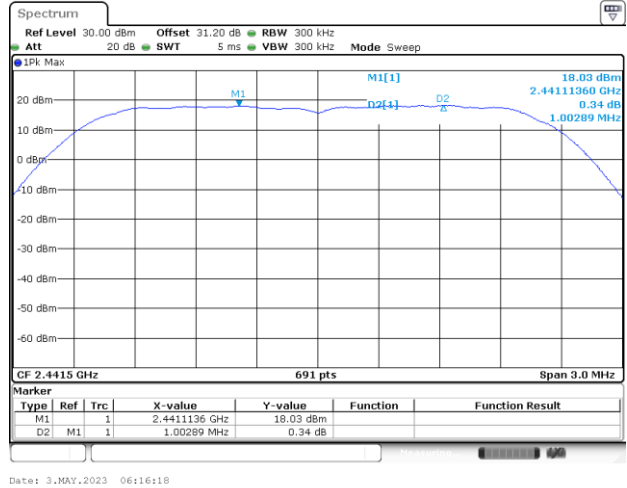
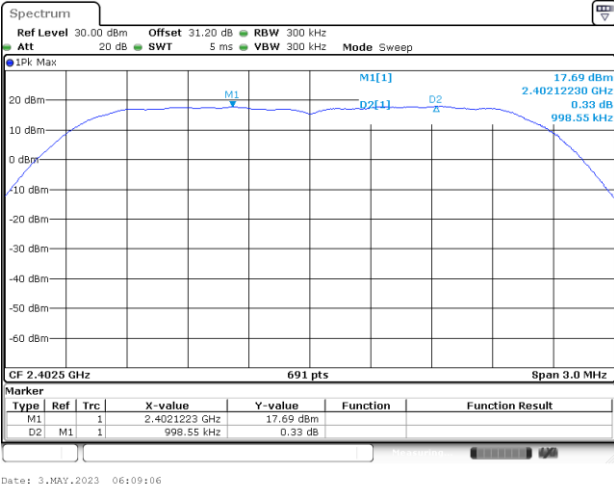
Date: 3.MAY.2023 05:54:40



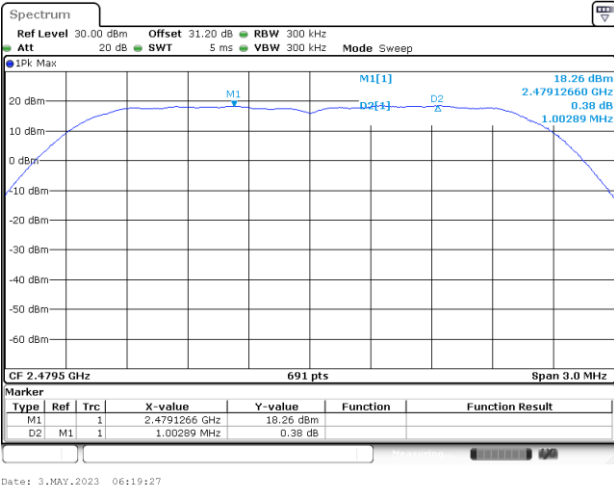
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78

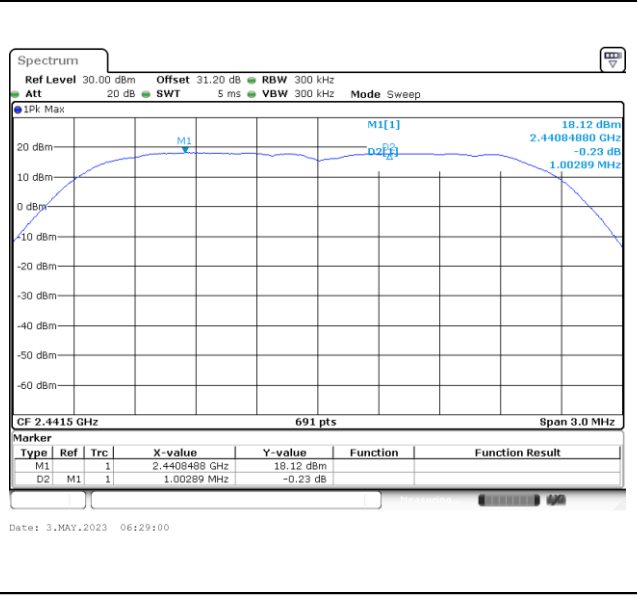
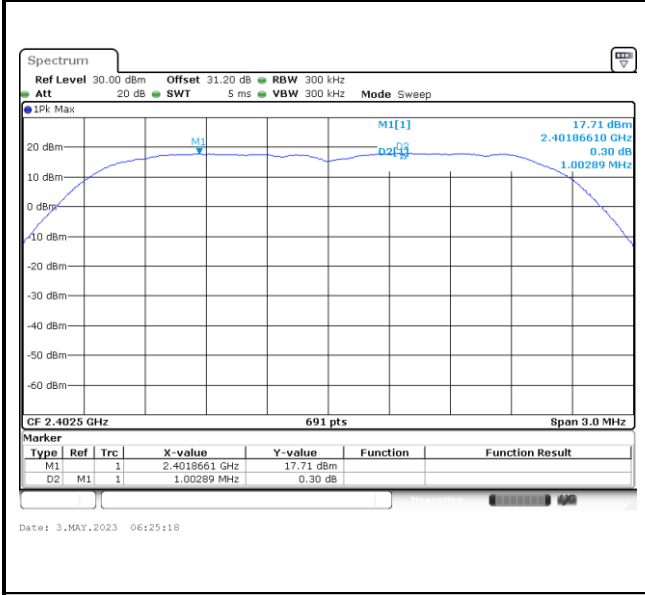




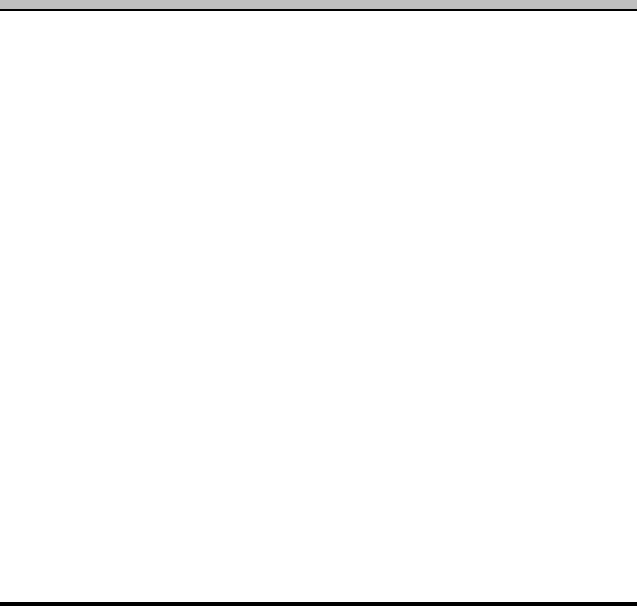
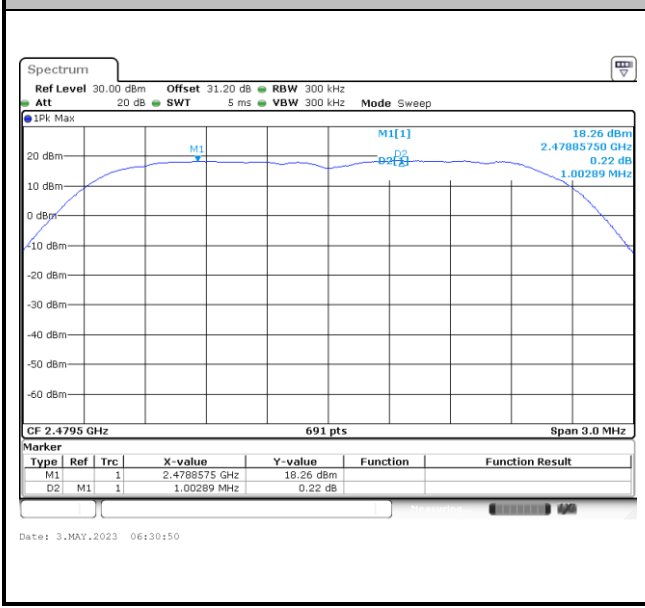
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Channel Separation Plot on Channel 00 - 01

Channel Separation Plot on Channel 39 - 40

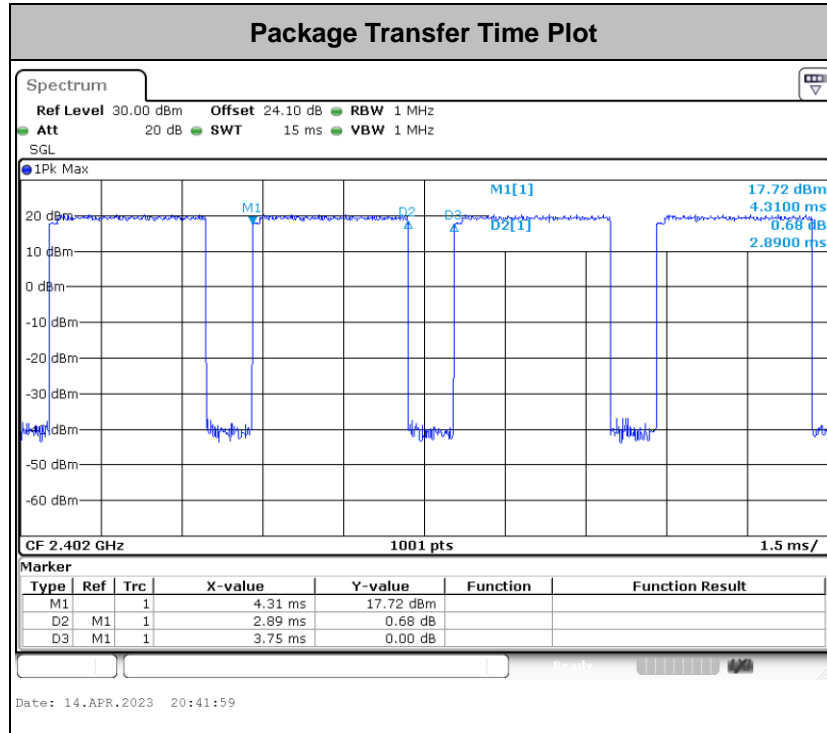


Channel Separation Plot on Channel 77 - 78





Dwell Time



Remark:

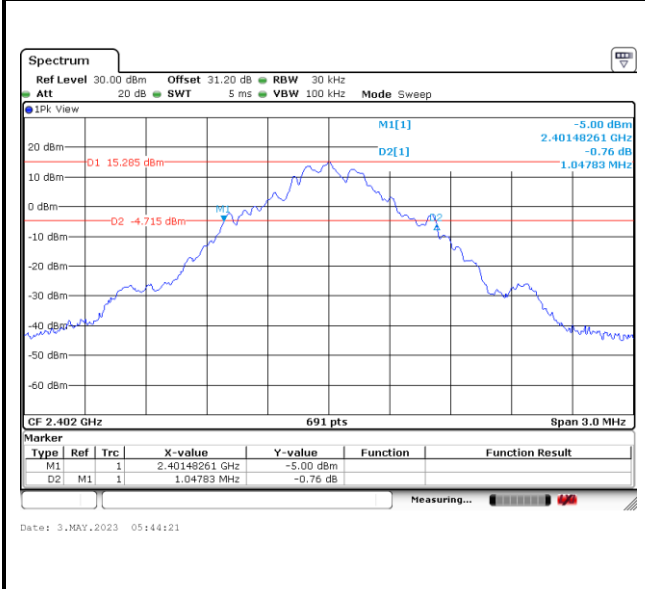
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in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



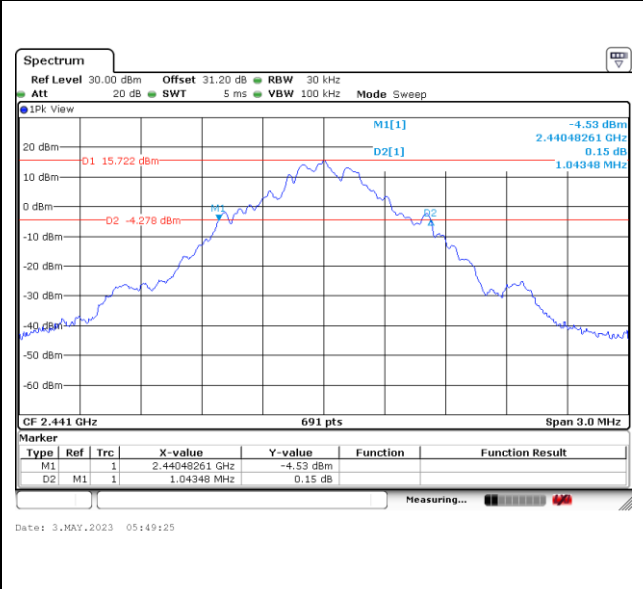
20dB Bandwidth

<1Mbps>

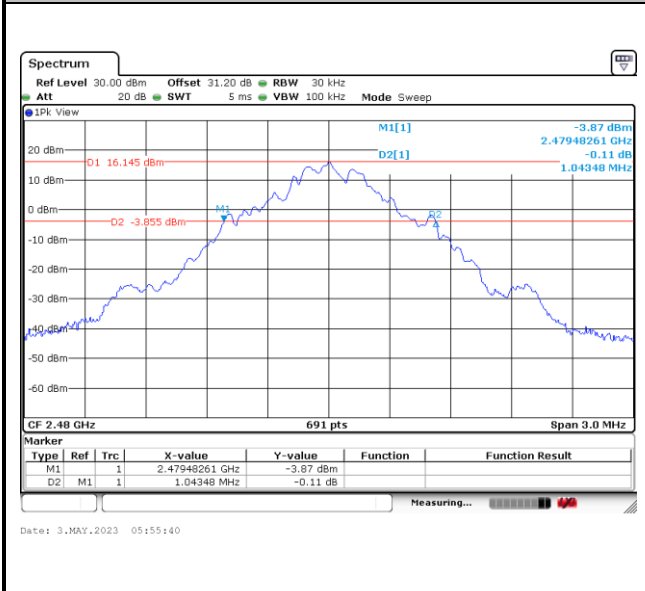
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



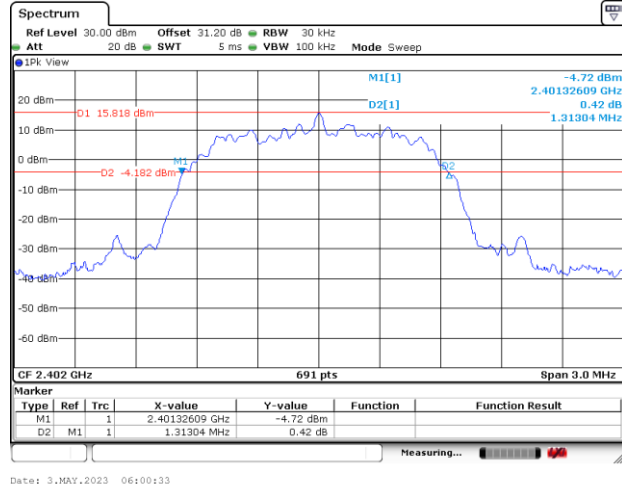
20 dB Bandwidth Plot on Channel 78





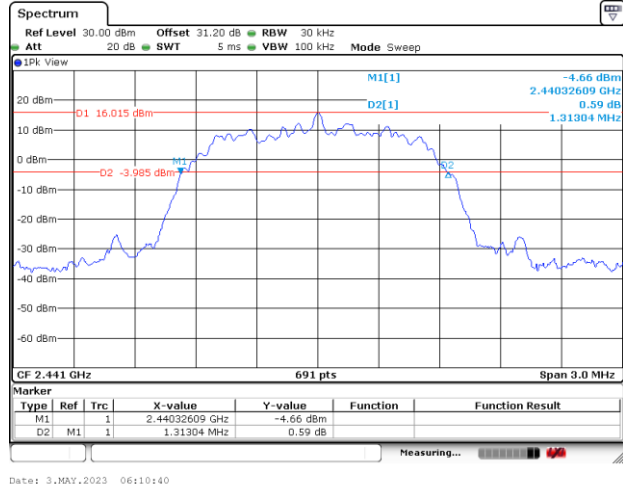
<2Mbps>

20 dB Bandwidth Plot on Channel 00



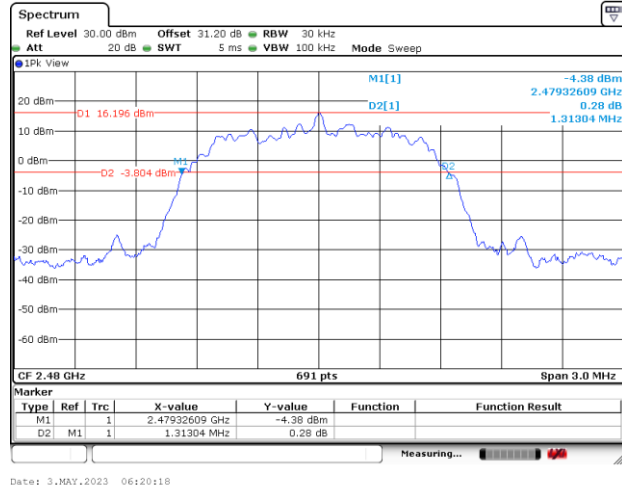
Date: 3.MAY.2023 06:00:33

20 dB Bandwidth Plot on Channel 39



Date: 3.MAY.2023 06:10:40

20 dB Bandwidth Plot on Channel 78



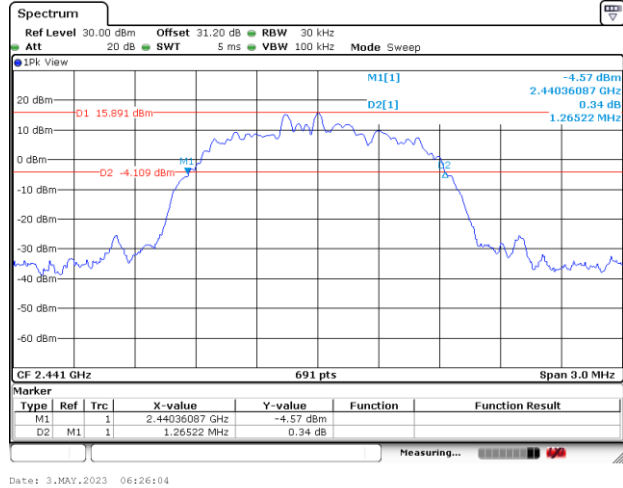
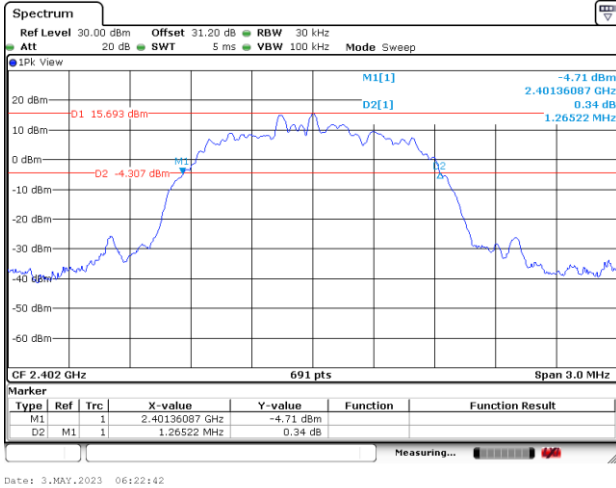
Date: 3.MAY.2023 06:20:18



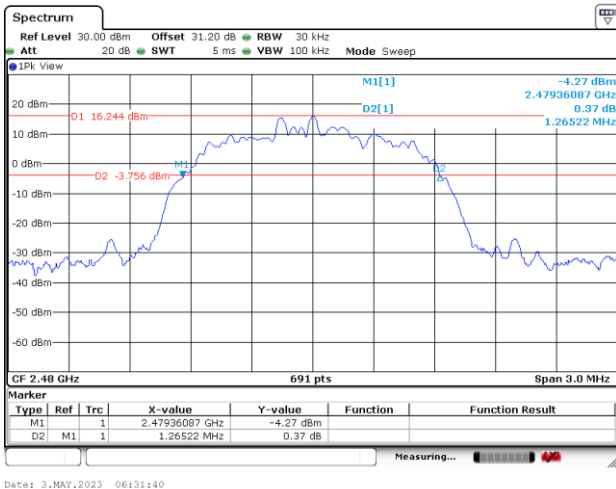
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20 dB Bandwidth Plot on Channel 00

20 dB Bandwidth Plot on Channel 39



20 dB Bandwidth Plot on Channel 78

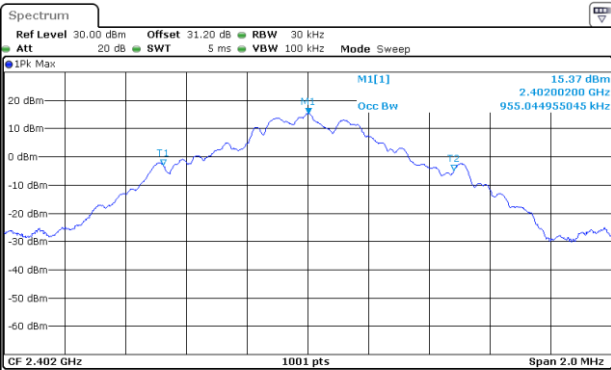




99% Occupied Bandwidth

<1Mbps>

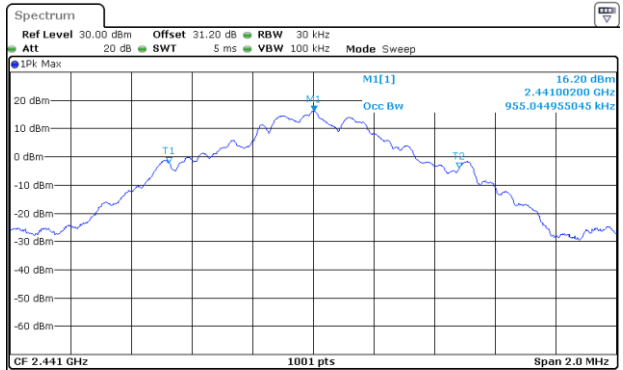
99% Occupied Bandwidth on Channel 00



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.402002 GHz	15.37 dBm		
T1	1		2.40152448 GHz	-2.99 dBm	Occ Bw	955.044955045 kHz
T2	1		2.40247952 GHz	-4.88 dBm		

Date: 3.MAY.2023 05:43:01

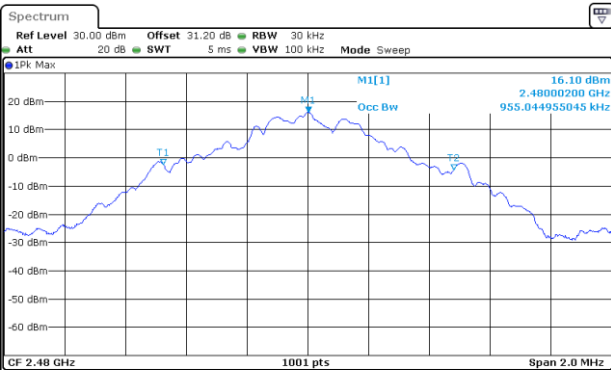
99% Occupied Bandwidth on Channel 39



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.441002 GHz	16.20 dBm		
T1	1		2.44052448 GHz	-2.08 dBm	Occ Bw	955.044955045 kHz
T2	1		2.44147952 GHz	-4.12 dBm		

Date: 3.MAY.2023 05:49:08

99% Occupied Bandwidth on Channel 78



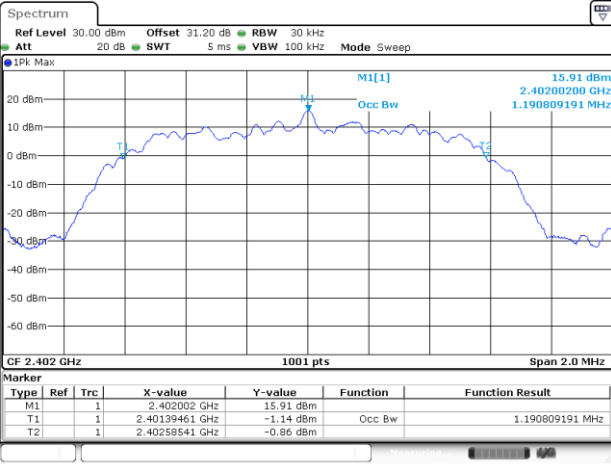
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.480002 GHz	16.10 dBm		
T1	1		2.47952448 GHz	-2.31 dBm	Occ Bw	955.044955045 kHz
T2	1		2.48047952 GHz	-4.23 dBm		

Date: 3.MAY.2023 05:55:00

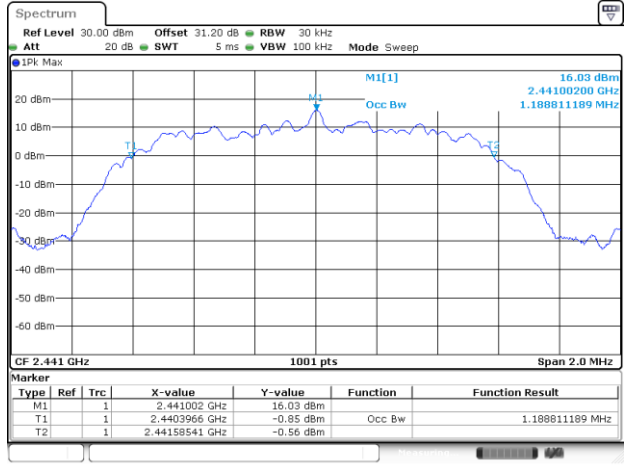


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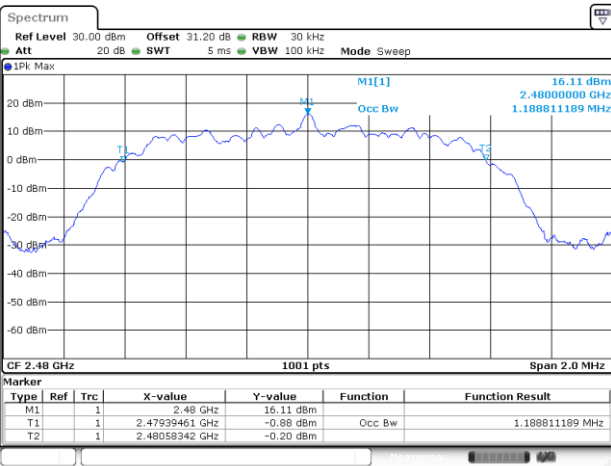
99% Occupied Bandwidth on Channel 00



99% Occupied Bandwidth on Channel 39



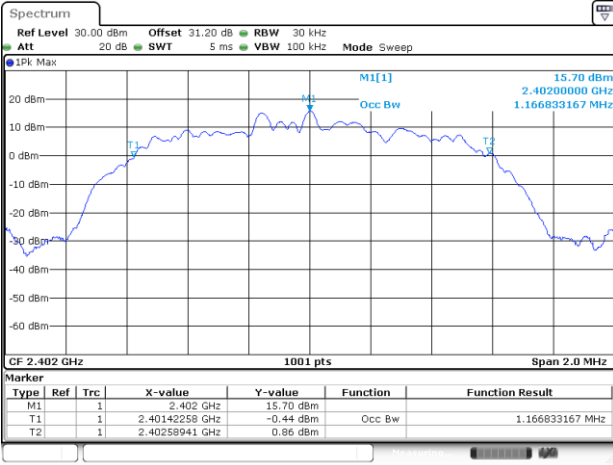
99% Occupied Bandwidth on Channel 78





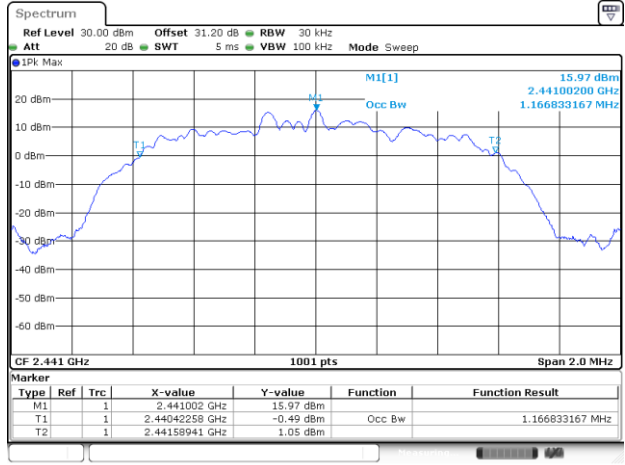
<3Mbps>

99% Occupied Bandwidth on Channel 00



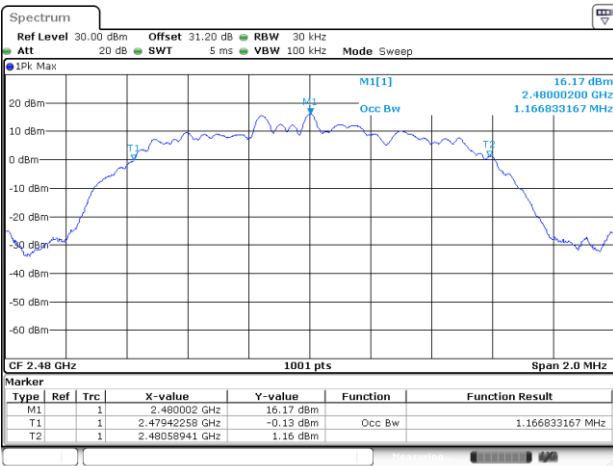
Date: 3.MAY.2023 06:21:53

99% Occupied Bandwidth on Channel 39



Date: 3.MAY.2023 06:25:48

99% Occupied Bandwidth on Channel 78



Date: 3.MAY.2023 06:31:03

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

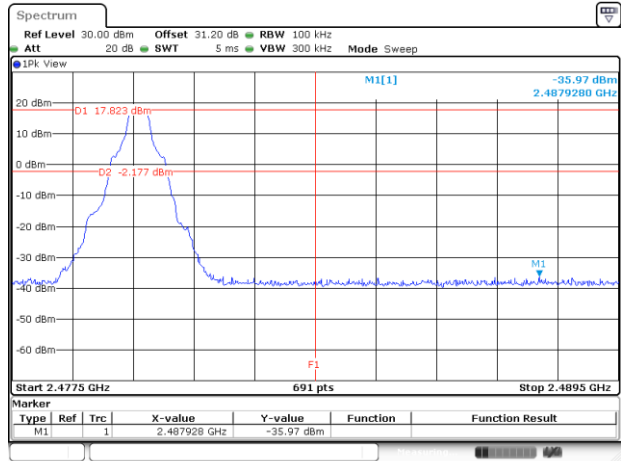
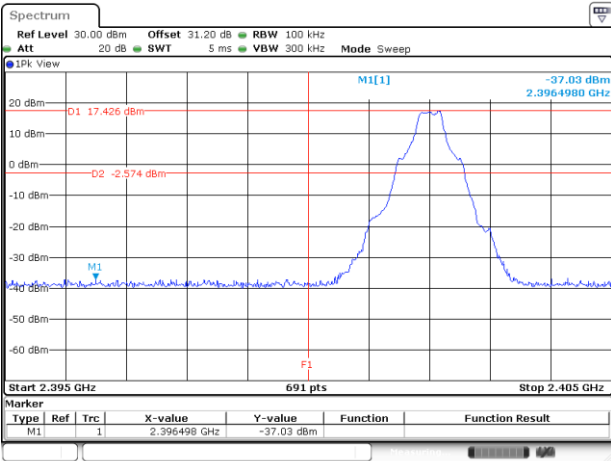


Band Edges

<1Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78



Date: 3.MAY.2023 05:44:08

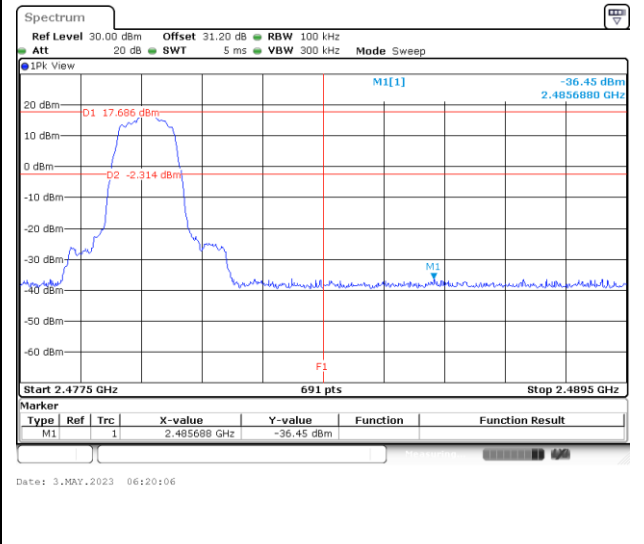
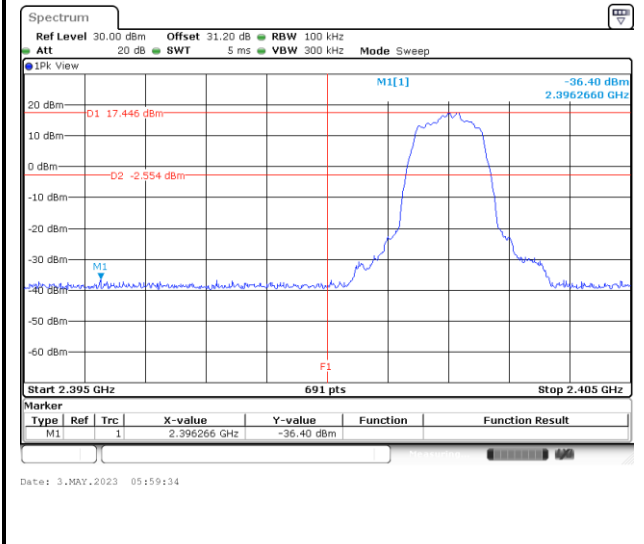
Date: 3.MAY.2023 05:55:25



<2Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78

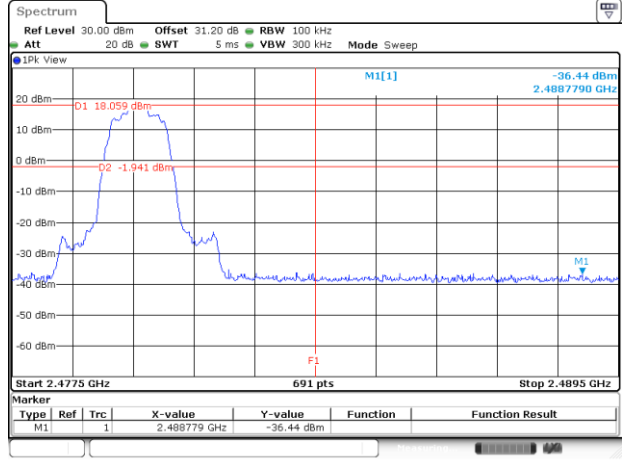
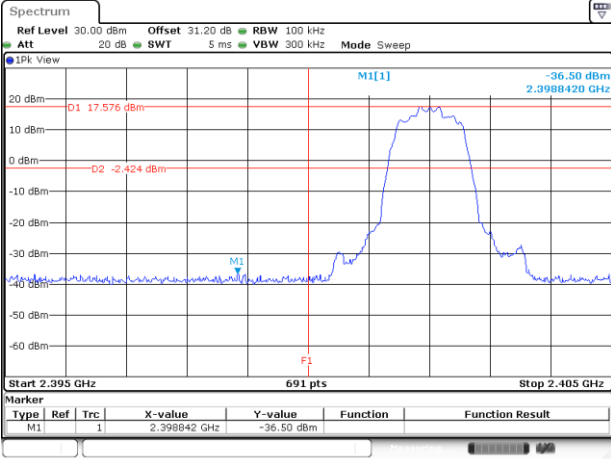




<3Mbps>

Low Band Edge Plot on Channel 00

High Band Edge Plot on Channel 78



Date: 3.MAY.2023 06:22:29

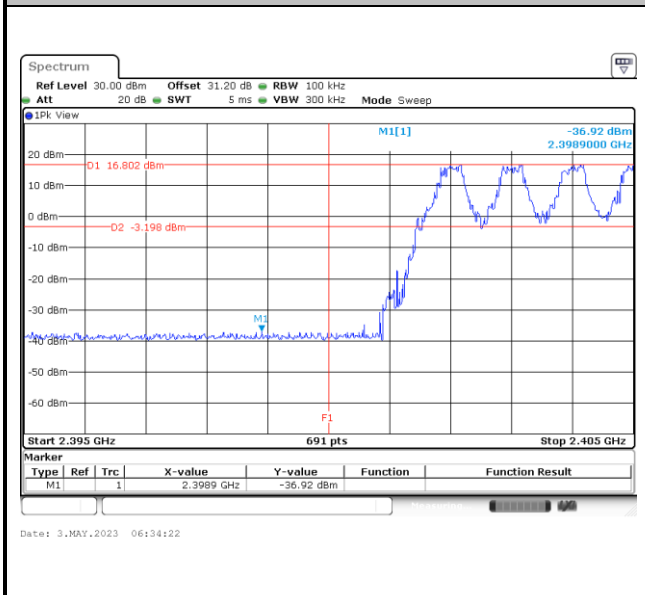
Date: 3.MAY.2023 06:31:27



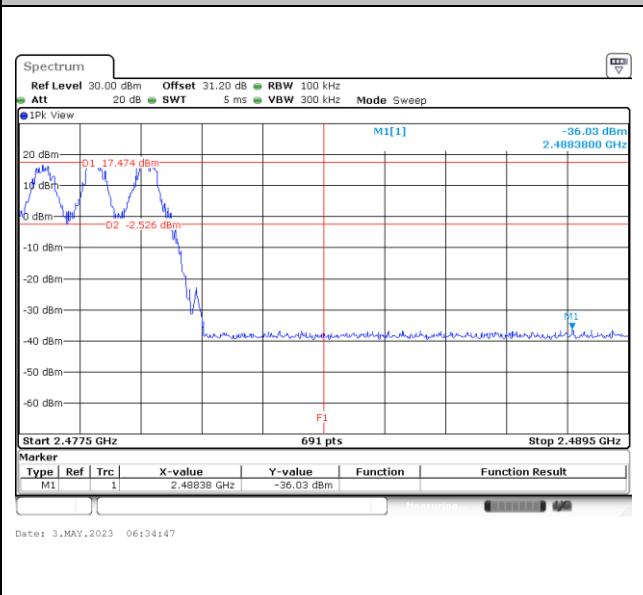
Hopping Mode Band Edges

<1Mbps>

Hopping Mode Low Band Edge Plot

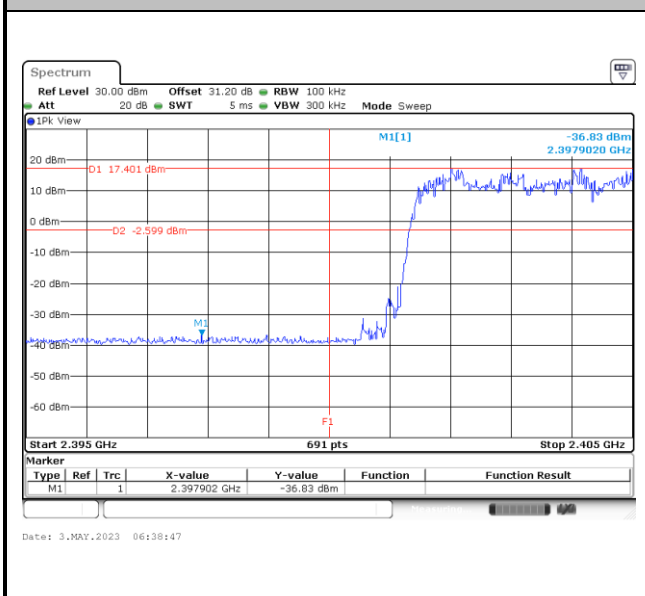


Hopping Mode High Band Edge Plot



<2Mbps>

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

