

Ant 2



11A-Ant2-5180



11A-Ant2-5200



11A-Ant2-5240



11N20SISO-Ant2-5180



11N20SISO-Ant2-5200



11N20SISO-Ant2-5240



11N40SISO-Ant2-5190



11N40SISO-Ant2-5230



11AC20SISO-Ant2-5180



11AC20SISO-Ant2-5200



11AC20SISO-Ant2-5240



11AC40SISO-Ant2-5190



11AC40SISO-Ant2-5230



11AC80SISO-Ant2-5210



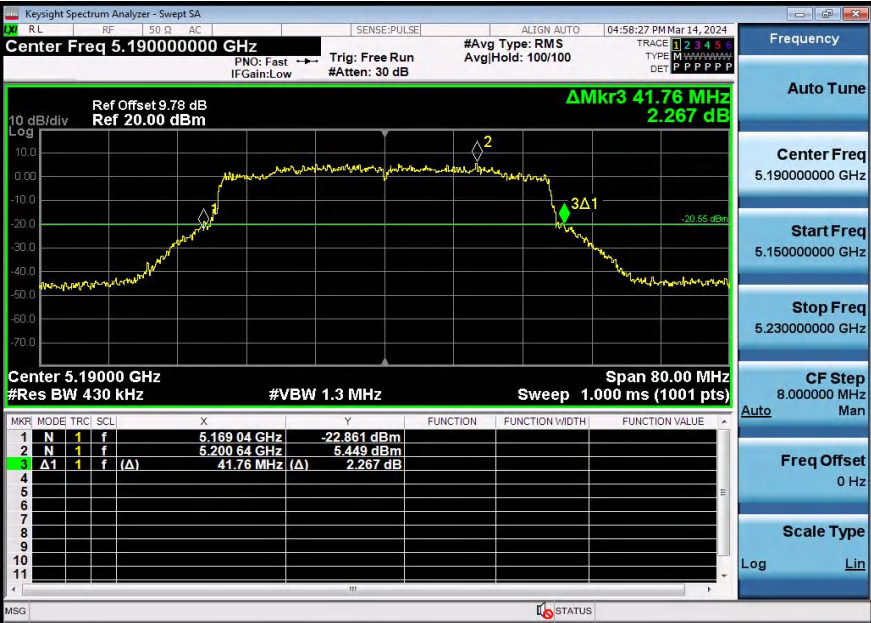
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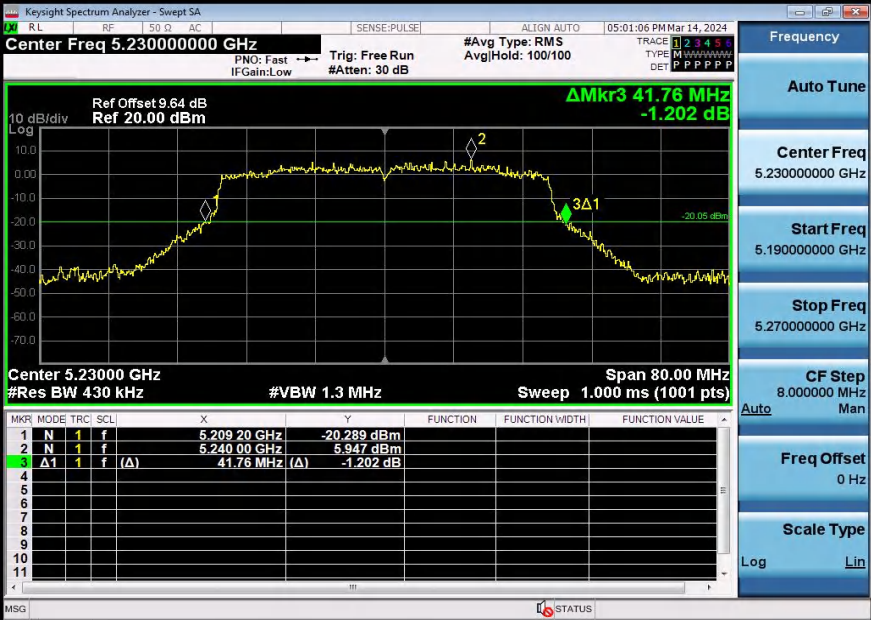
11AX20SISO-Ant2-5200



11AX20SISO-Ant2-5240



11AX40SISO-Ant2-5190



11AX40SISO-Ant2-5230



11AX80SISO-Ant2-5210

4.6 Minimum Emission Bandwidth (6dB Bandwidth)

Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth 3 x RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Configuration



Test Results

Ant 1

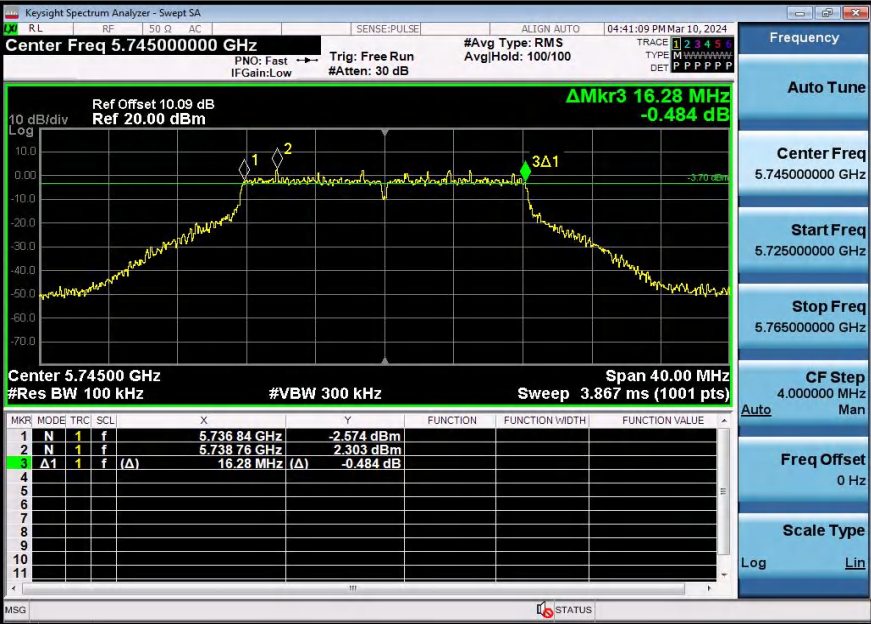
Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.280	≥500KHz	Pass
		157	16.320		
		165	16.280		
802.11n(HT20)	U-NII 3	149	17.560		
		157	17.200		
		165	17.560		
802.11n(HT40)	U-NII 3	151	36.320		
		159	36.000		
802.11ac(VHT20)	U-NII 3	149	17.160		
		157	17.320		
		165	17.520		
802.11ac(VHT40)	U-NII 3	151	36.320		
		159	35.920		
802.11ac(VHT80)	U-NII 3	155	71.200		
802.11ac(VHT20)	U-NII 3	149	17.560		
		157	16.920		
		165	17.520		
802.11ac(VHT40)	U-NII 3	151	36.240		
		159	35.680		
802.11ac(VHT80)	U-NII 3	155	72.640		

Ant 2

Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.280	≥500KHz	Pass
		157	16.320		
		165	16.320		
802.11n(HT20)	U-NII 3	149	17.520		
		157	16.680		
		165	17.560		
802.11n(HT40)	U-NII 3	151	36.240		
		159	36.240		
802.11ac(VHT20)	U-NII 3	149	17.520		
		157	17.280		
		165	17.280		
802.11ac(VHT40)	U-NII 3	151	36.240		
		159	36.000		
802.11ac(VHT80)	U-NII 3	155	68.640		
802.11ac(VHT20)	U-NII 3	149	18.480		
		157	18.240		
		165	18.400		
802.11ac(VHT40)	U-NII 3	151	37.680		
		159	37.760		
802.11ac(VHT80)	U-NII 3	155	72.640		

Test plot as follows:

Ant 1



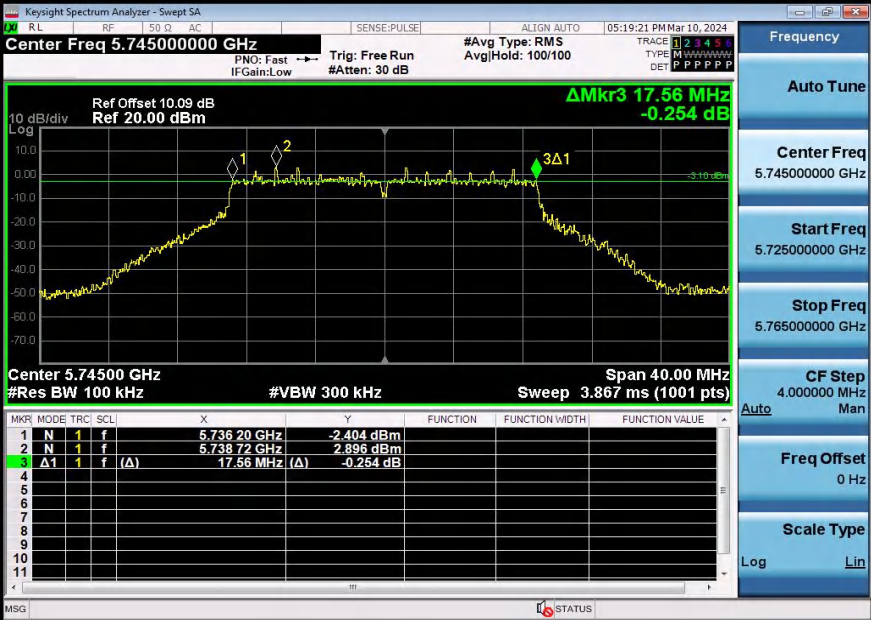
11A-Ant1-5745-PASS



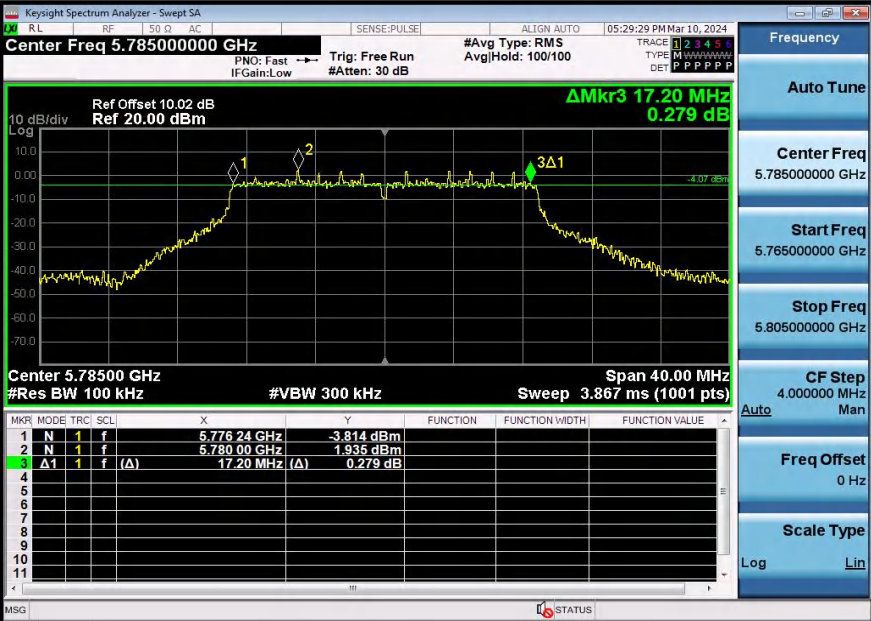
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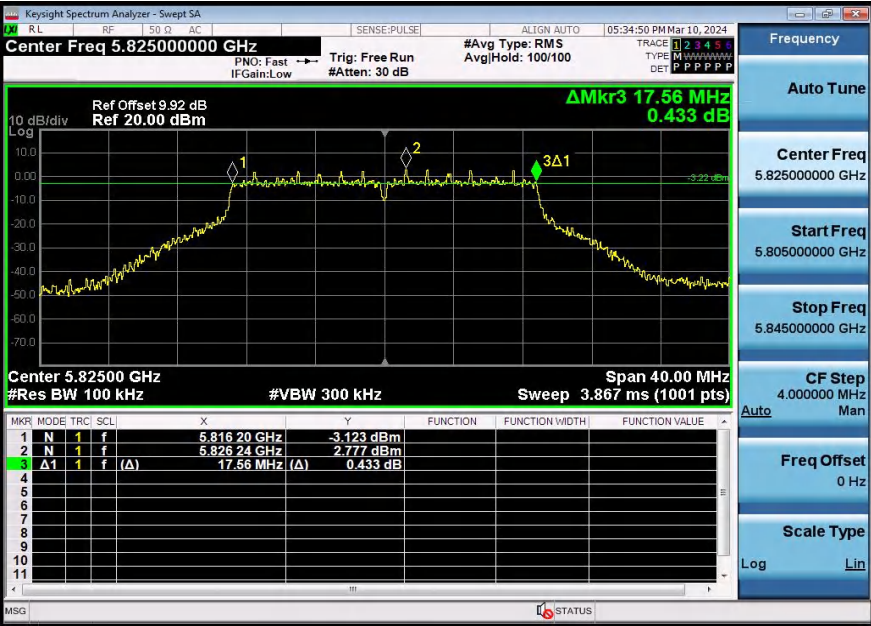
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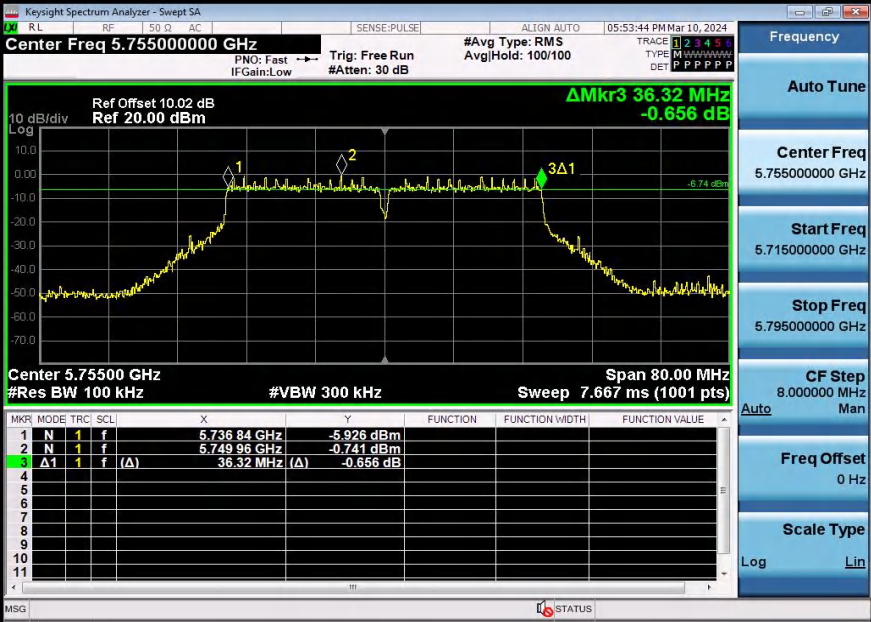
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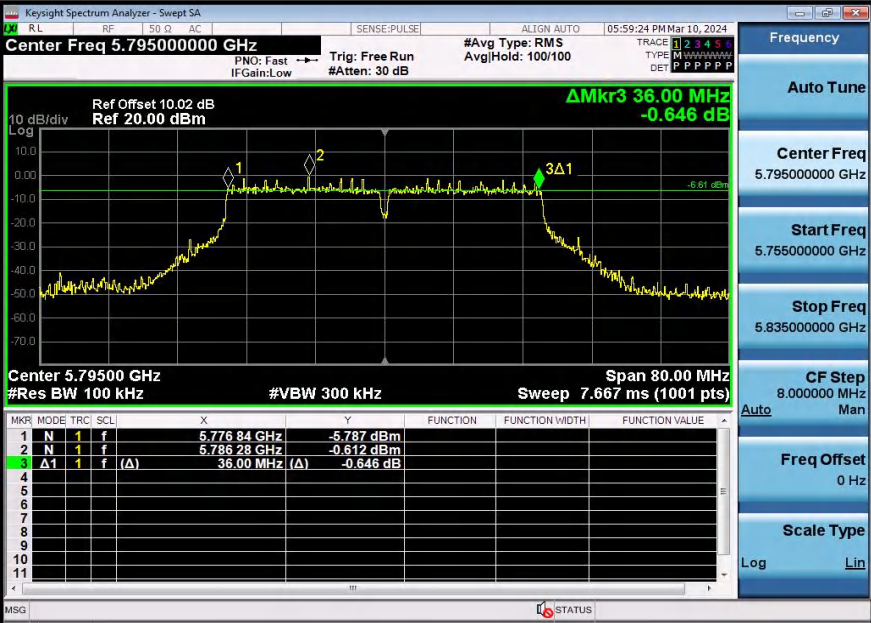
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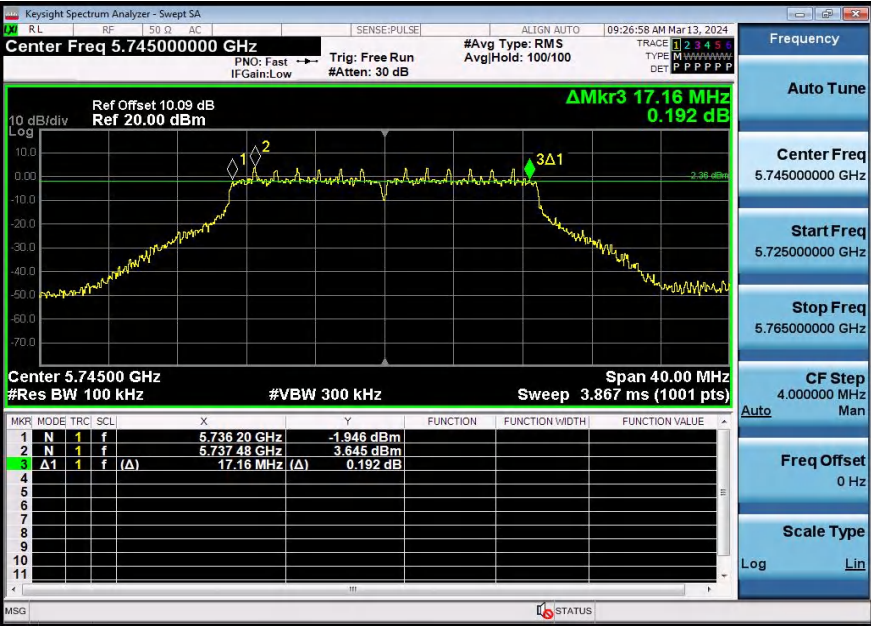
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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



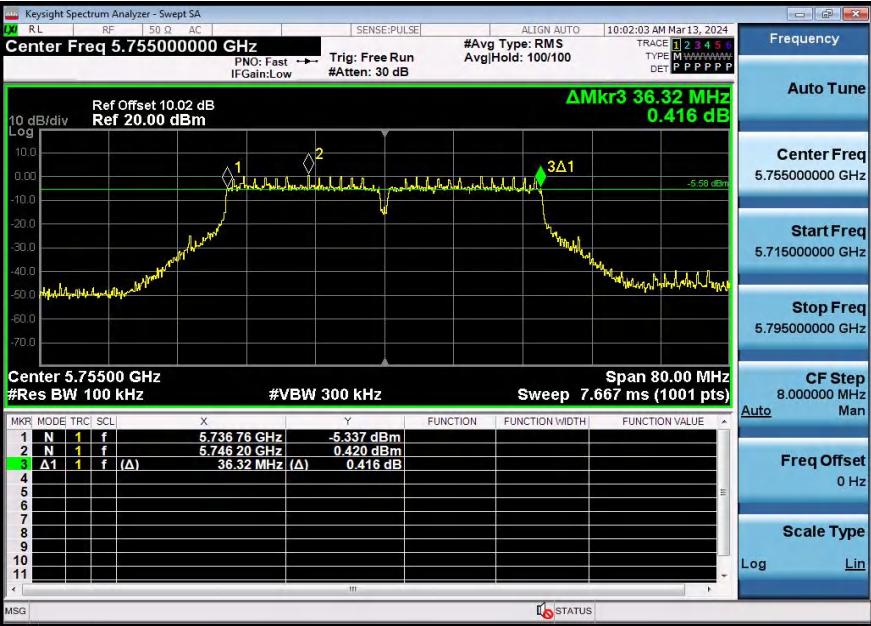
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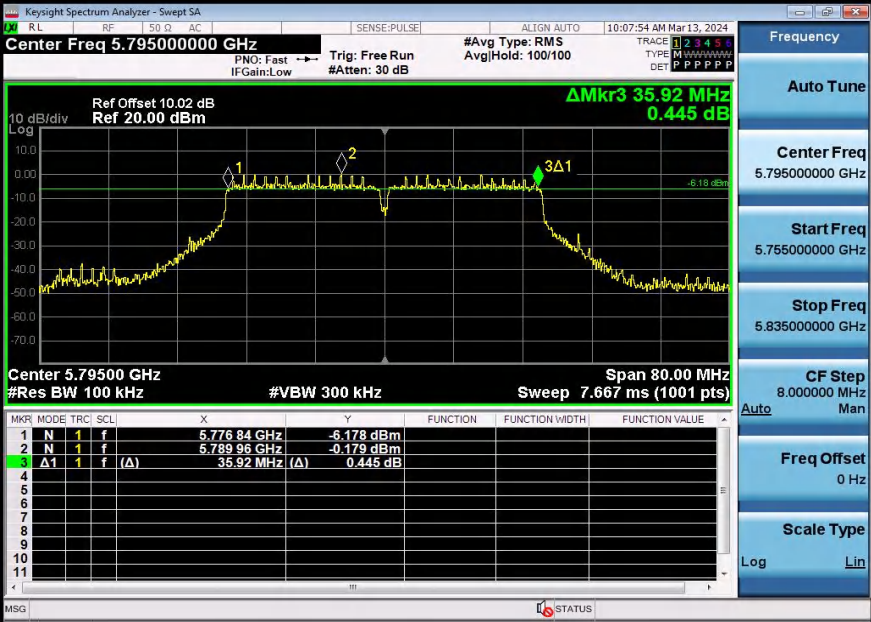
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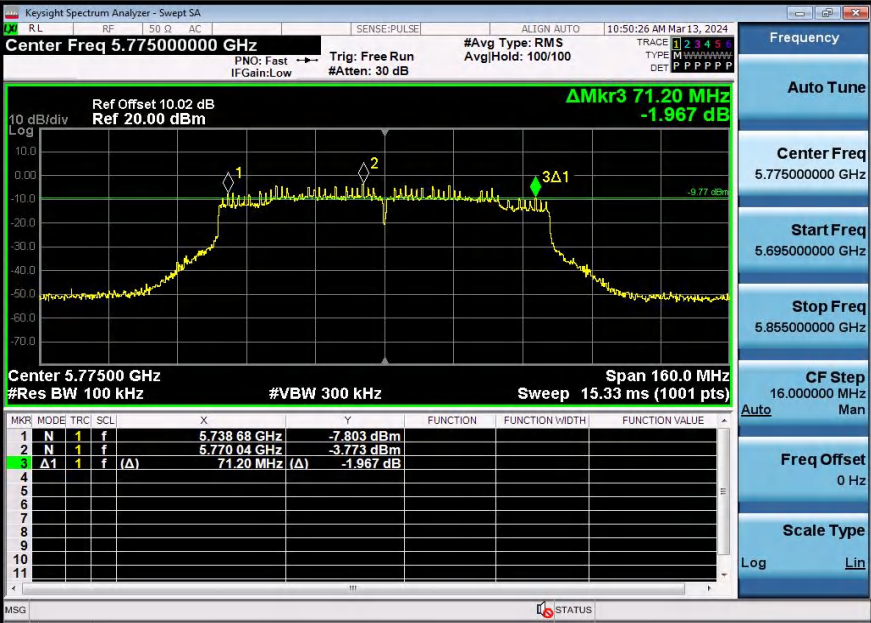
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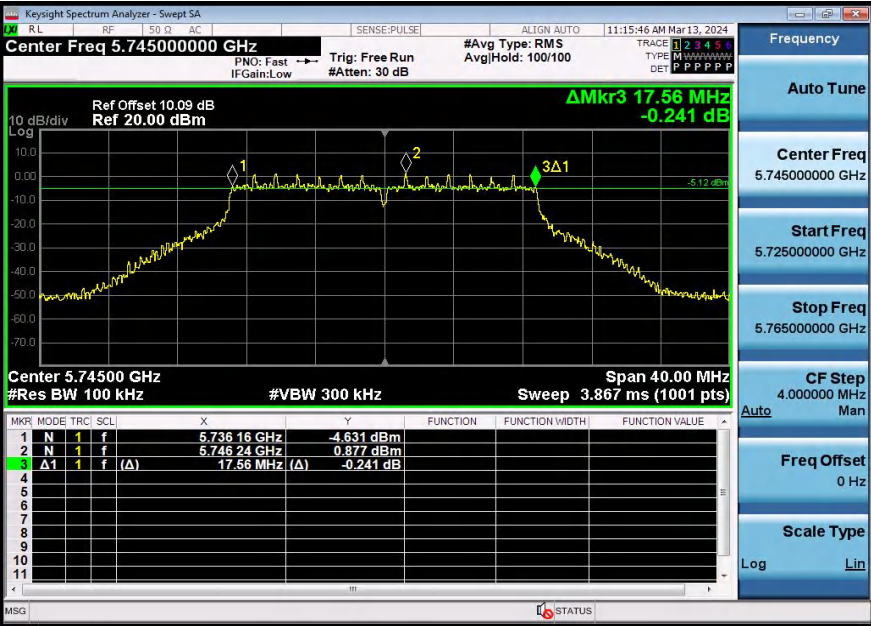
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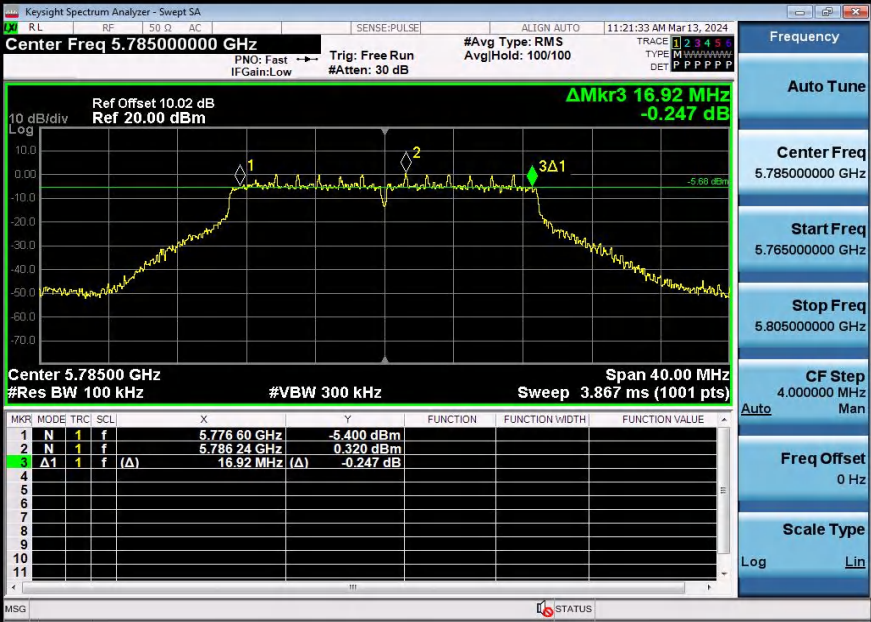
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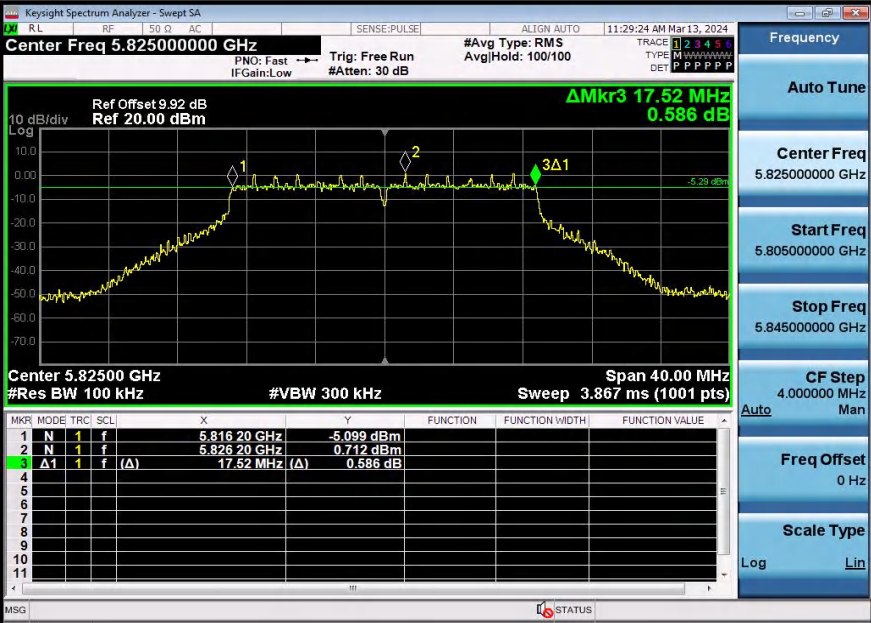
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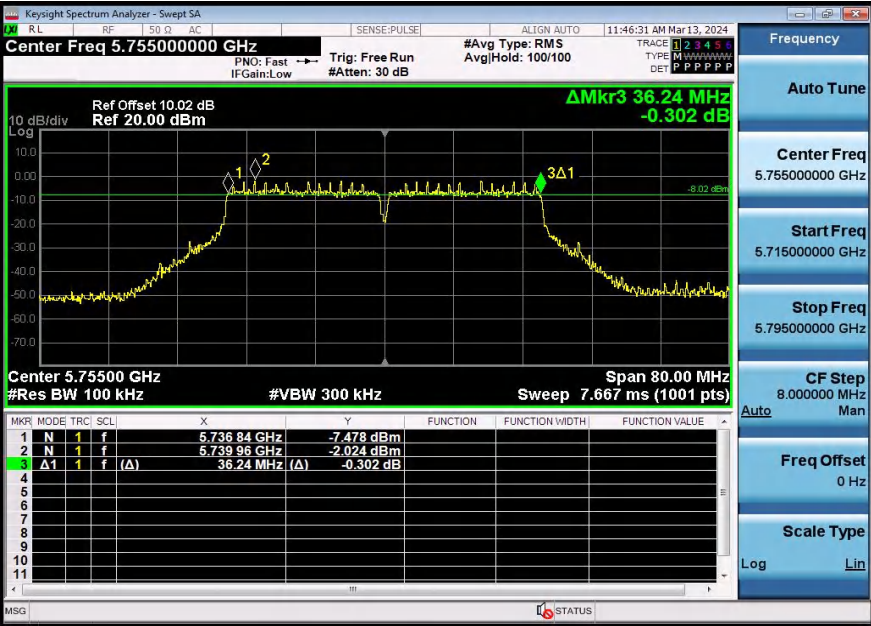
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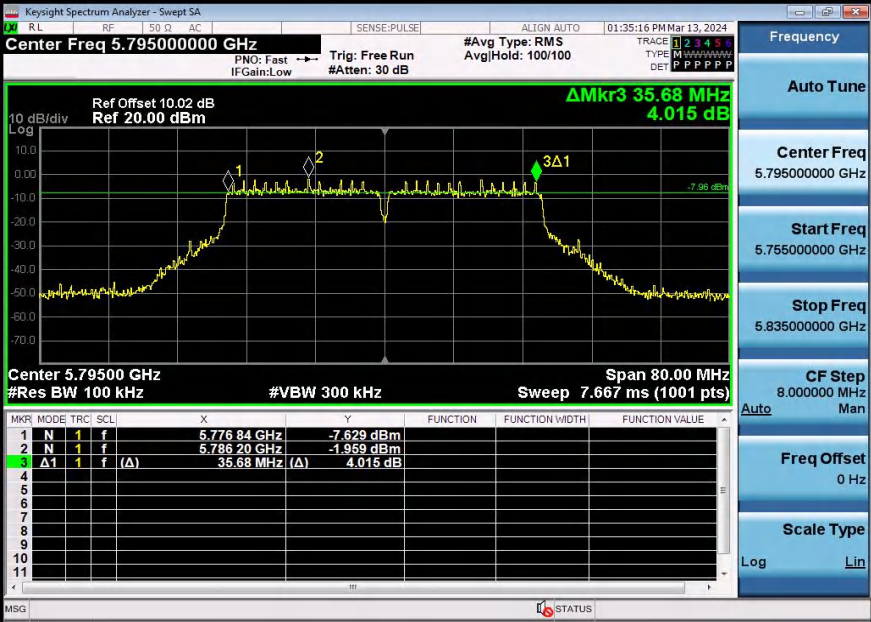
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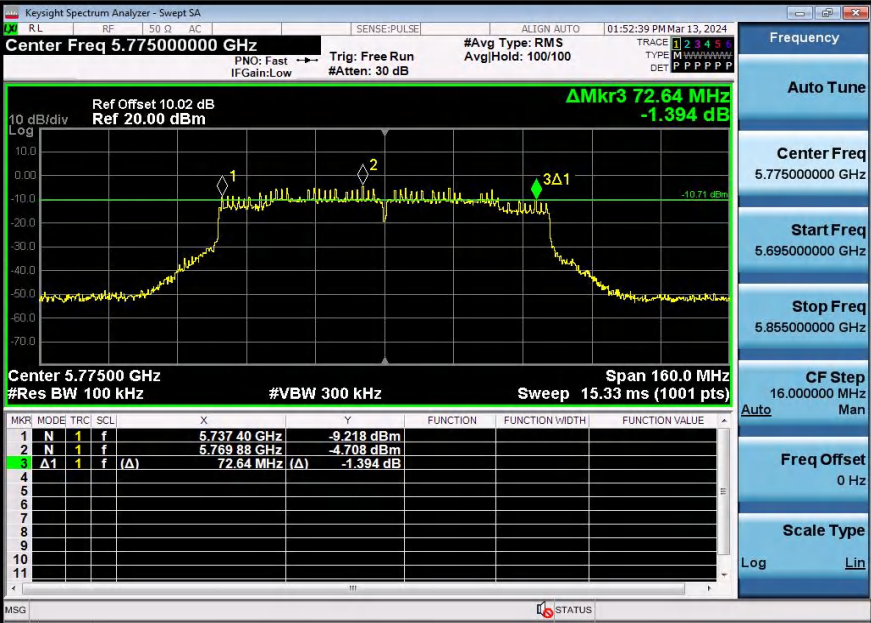
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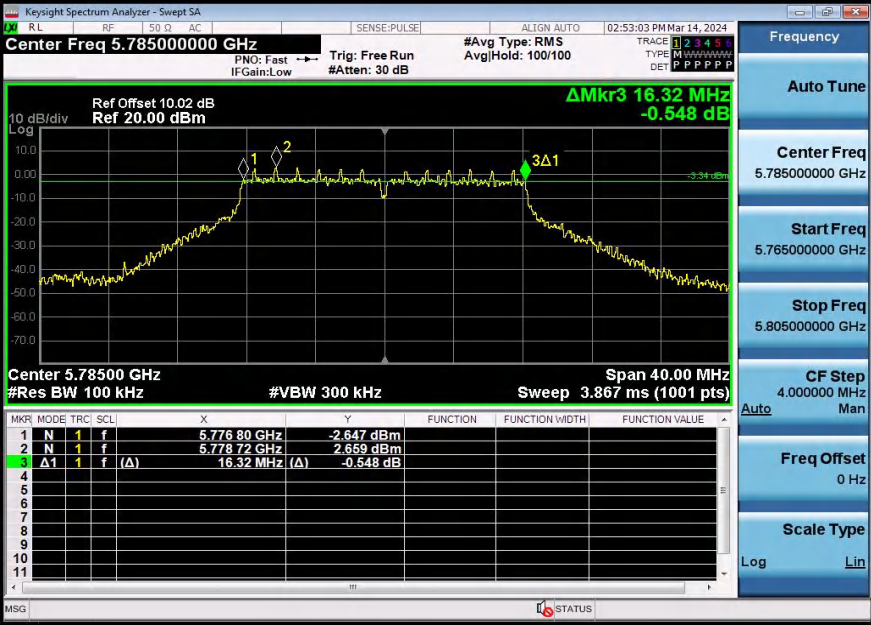


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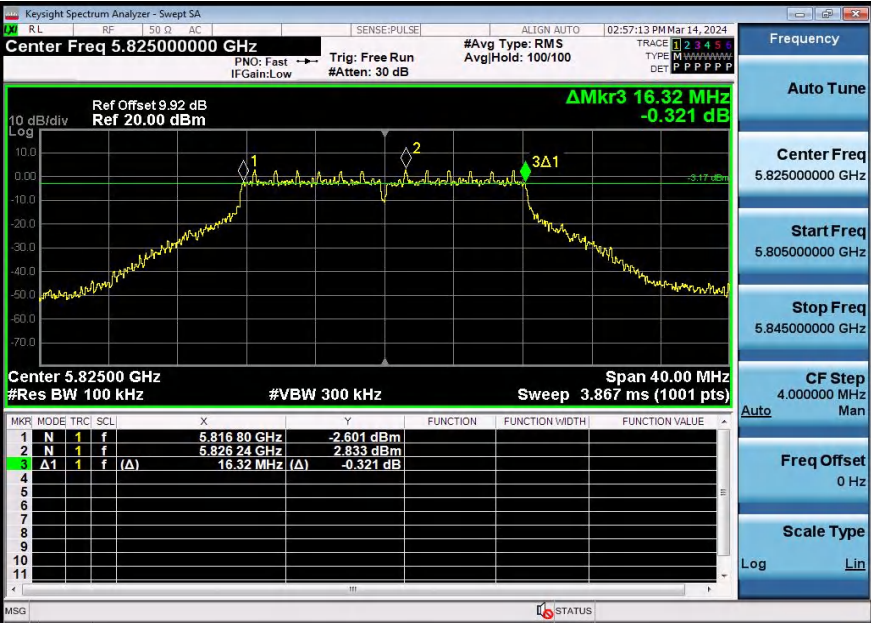
Ant 2



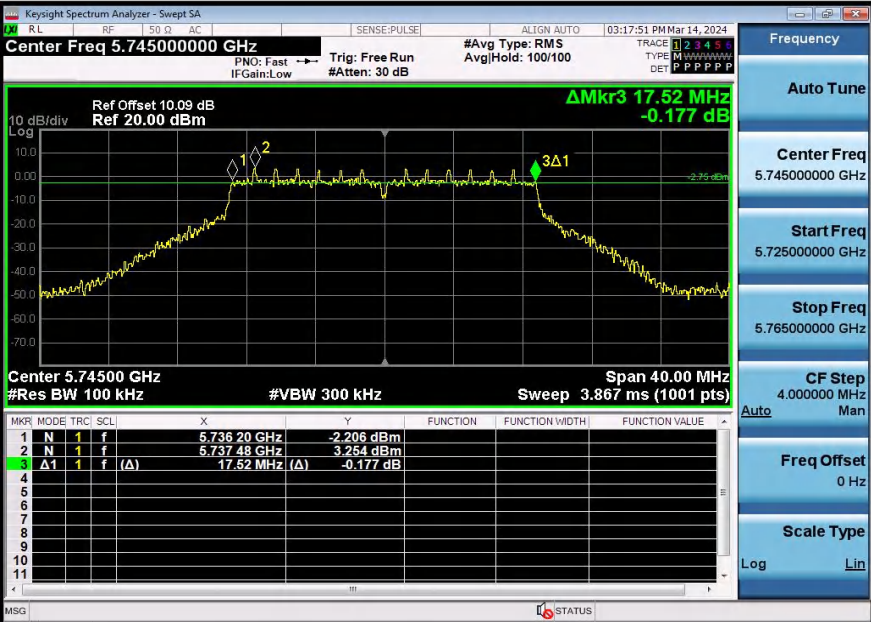
11A-Ant2-5745-PASS



11A-Ant2-5785-PASS



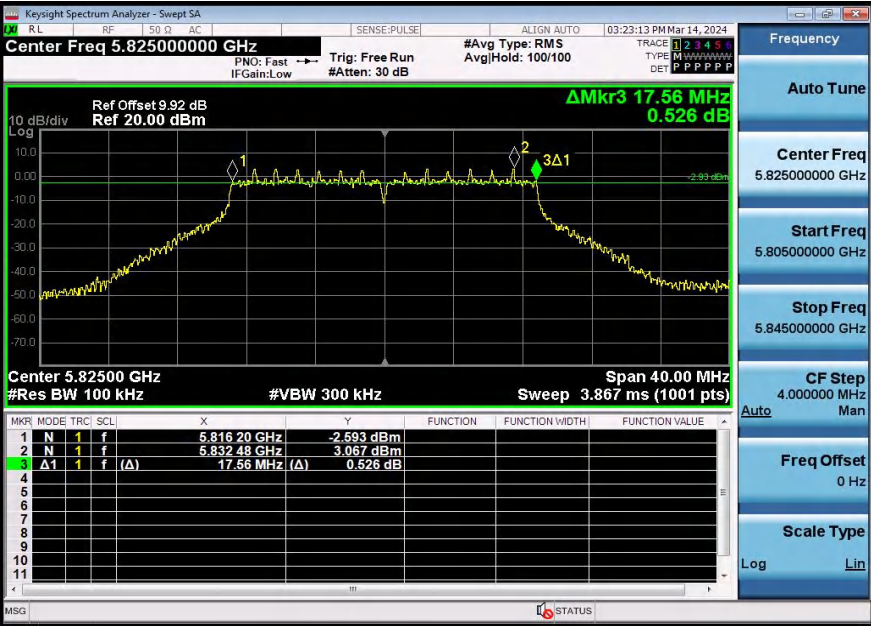
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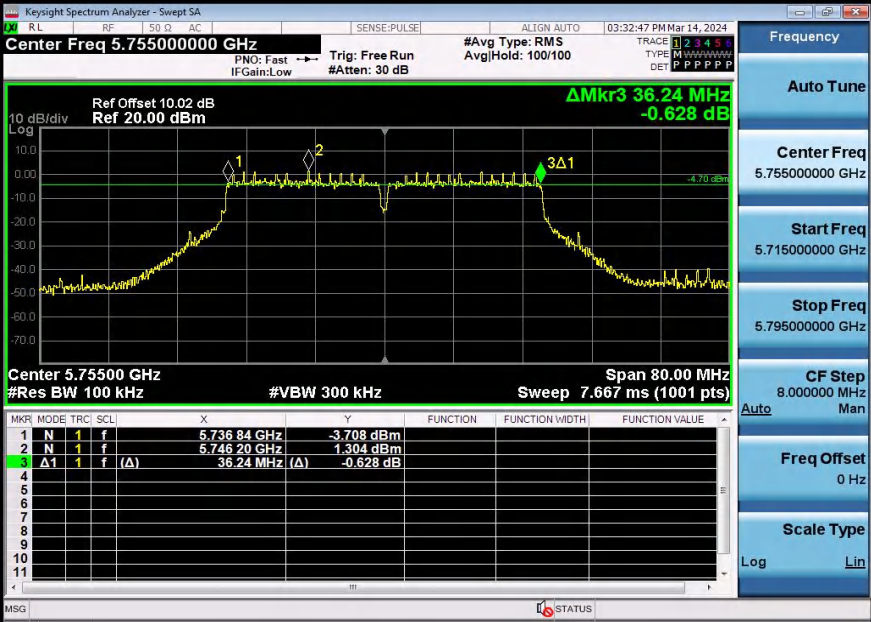
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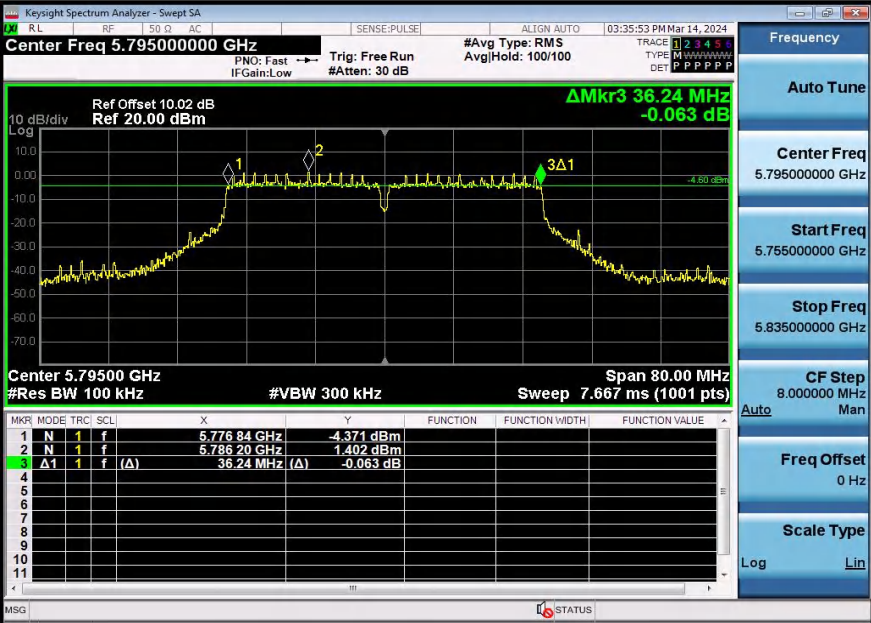
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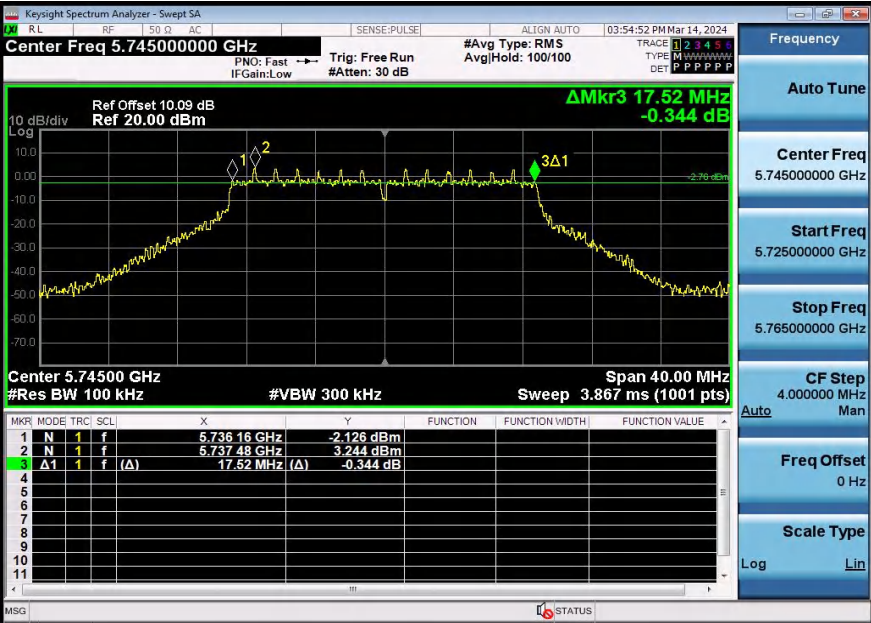
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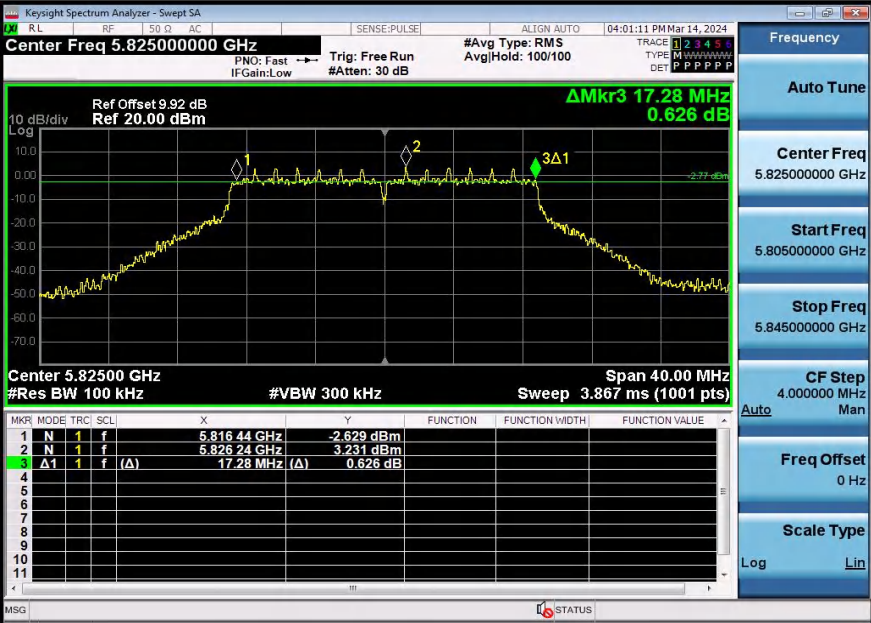
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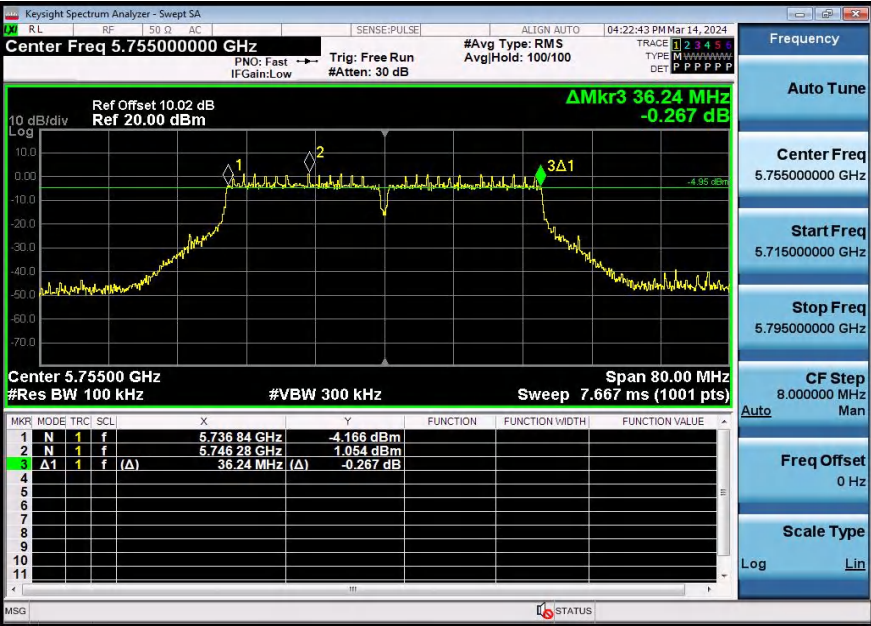
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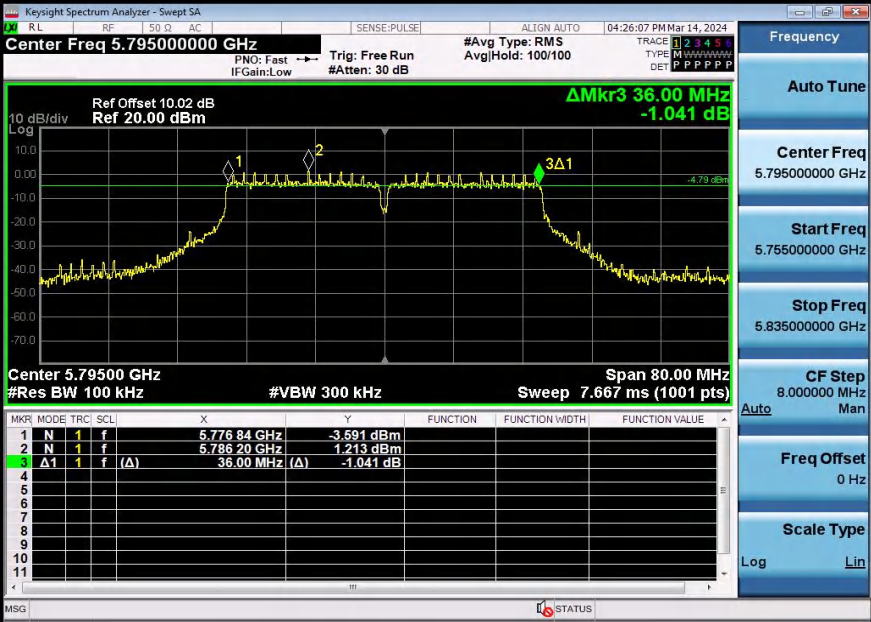
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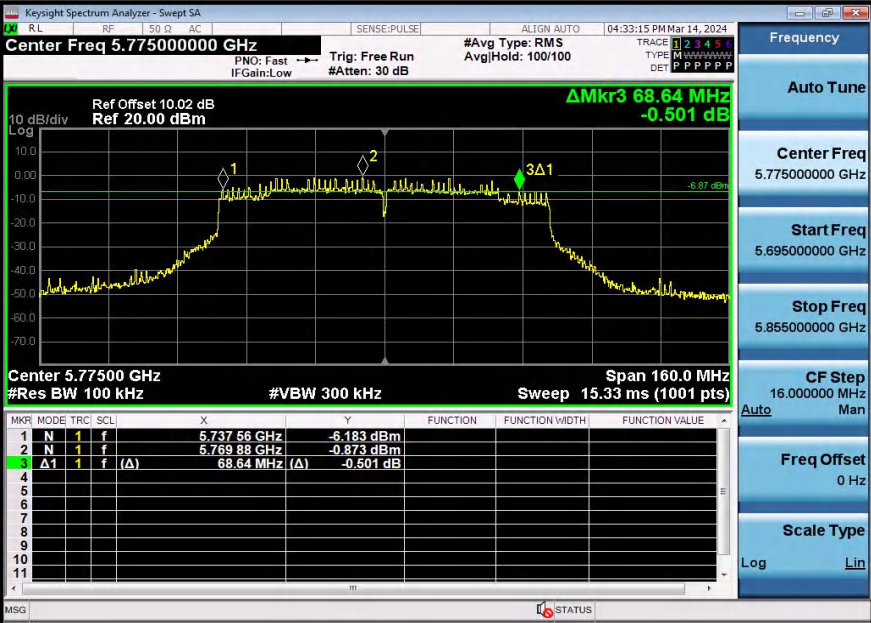
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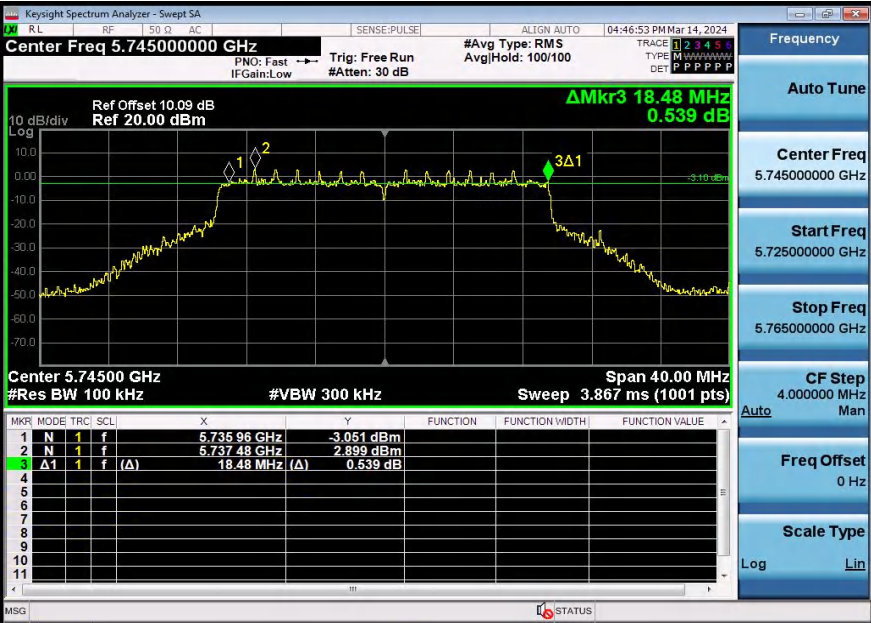
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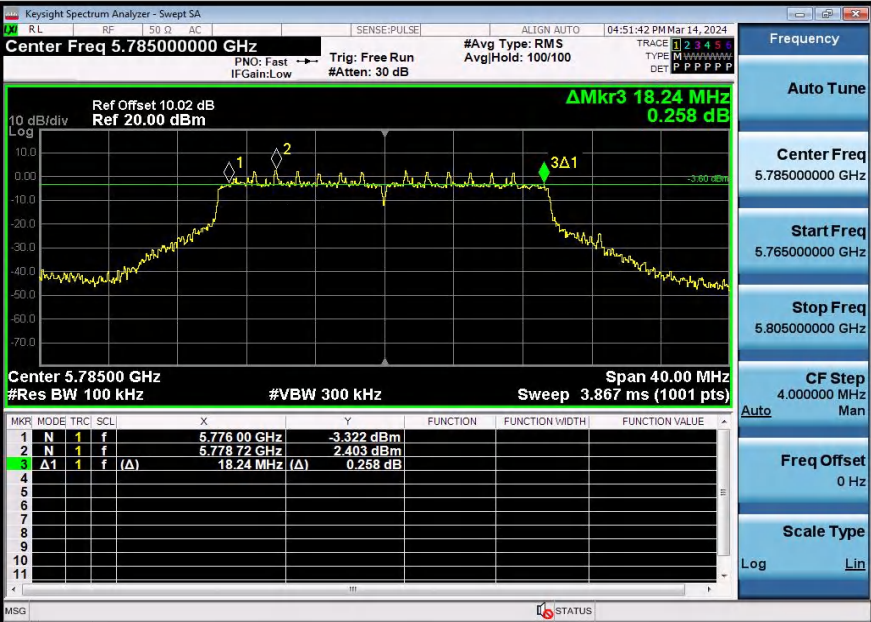
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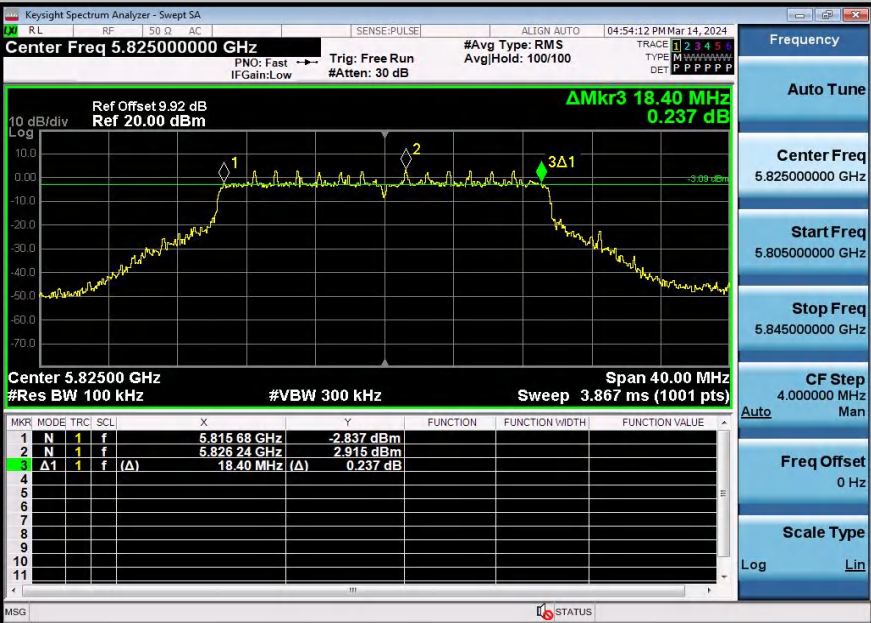
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