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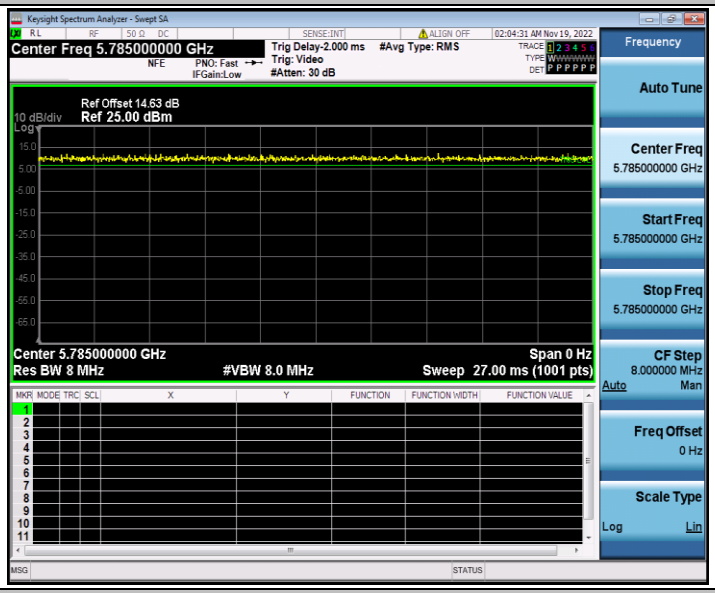

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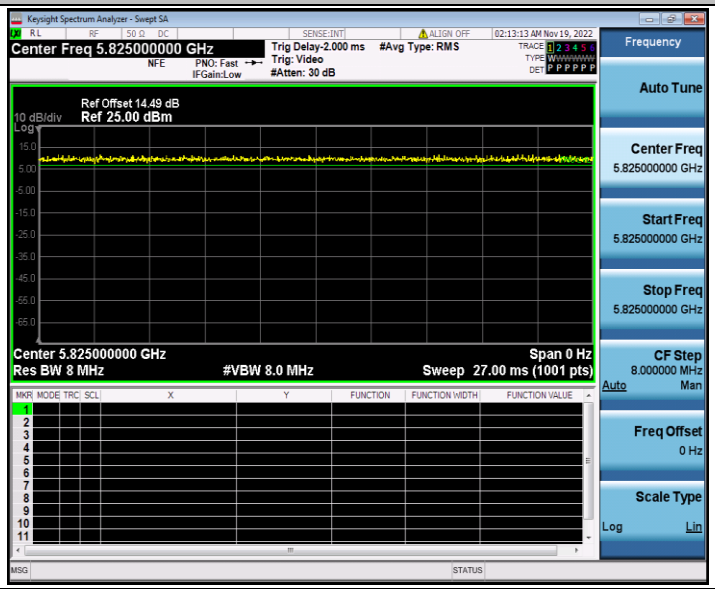

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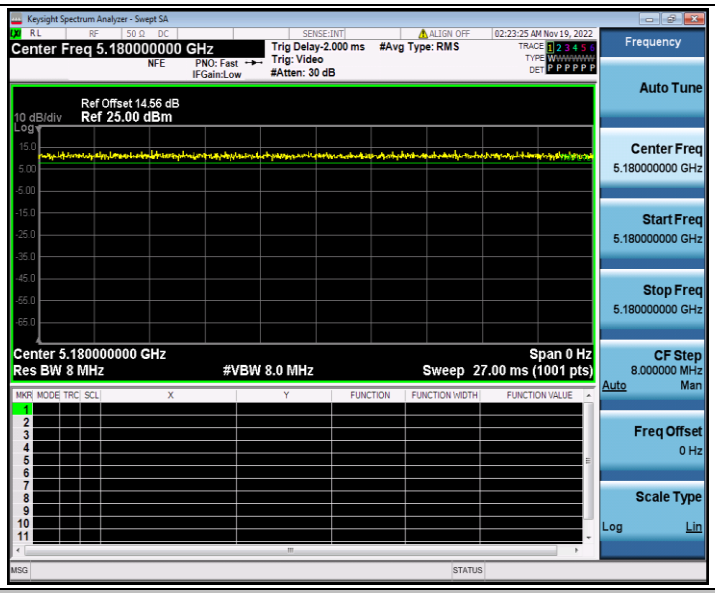

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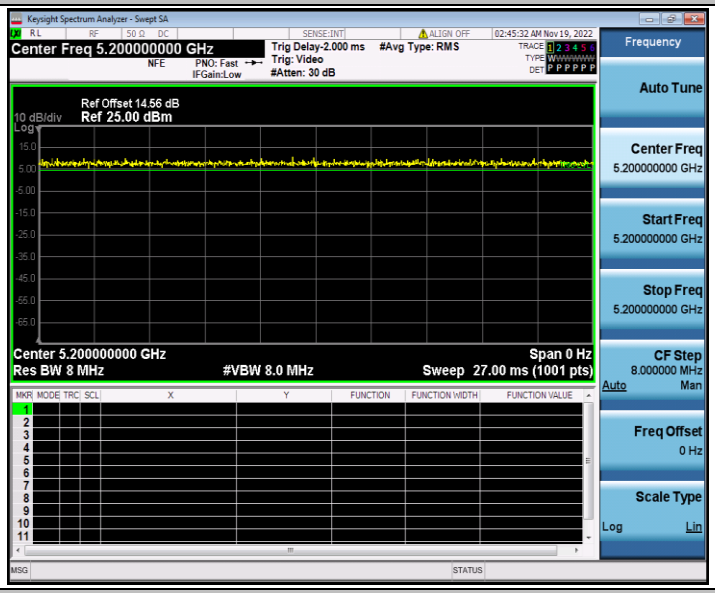

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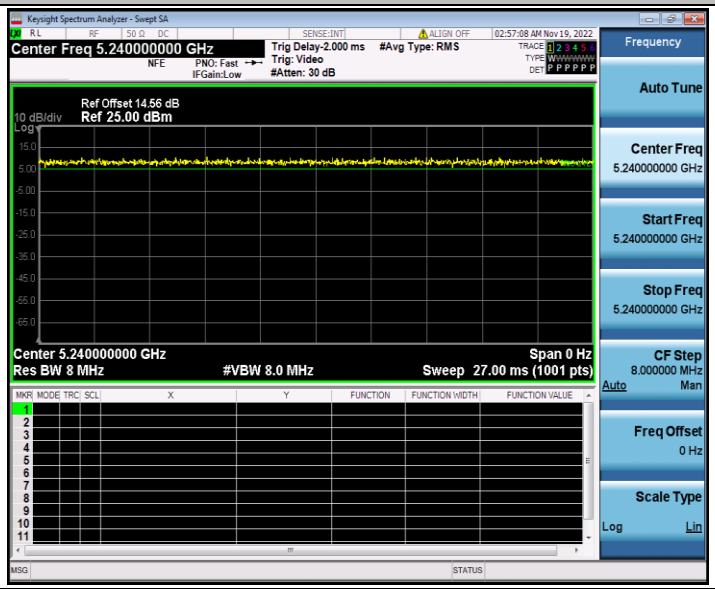

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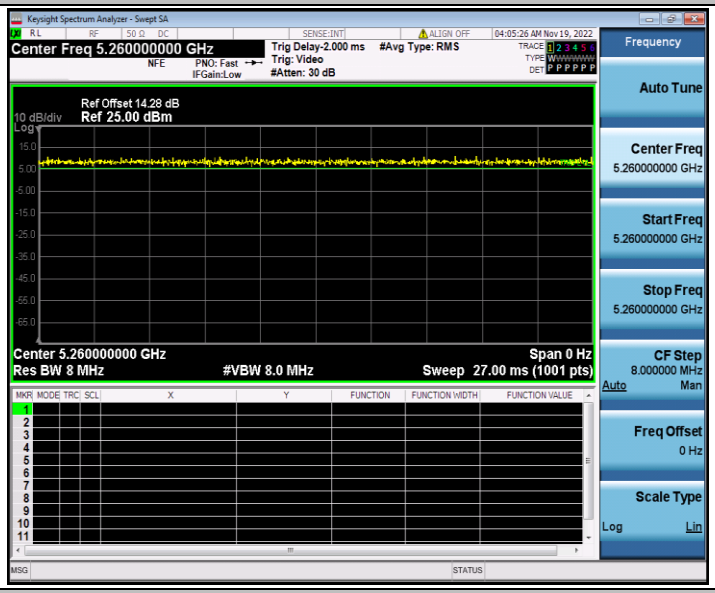

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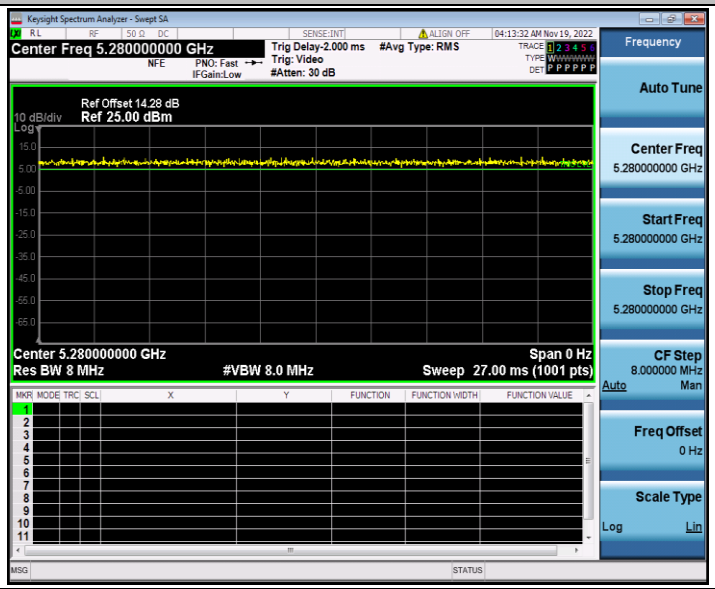

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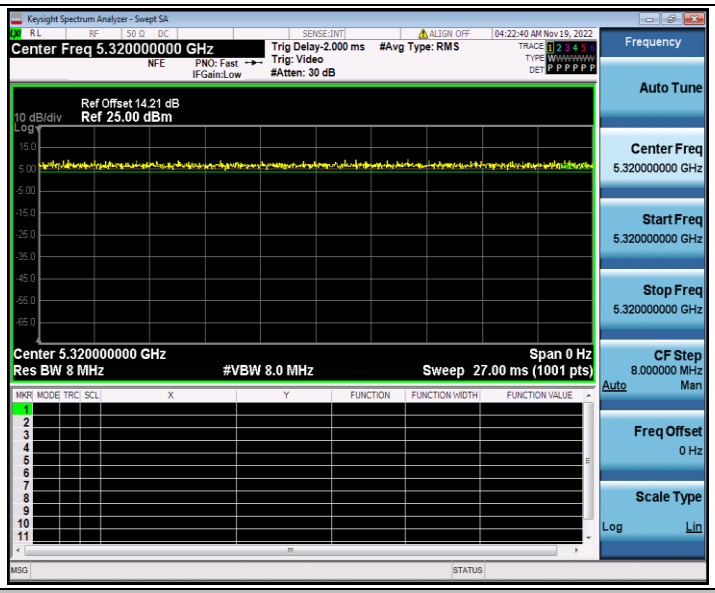

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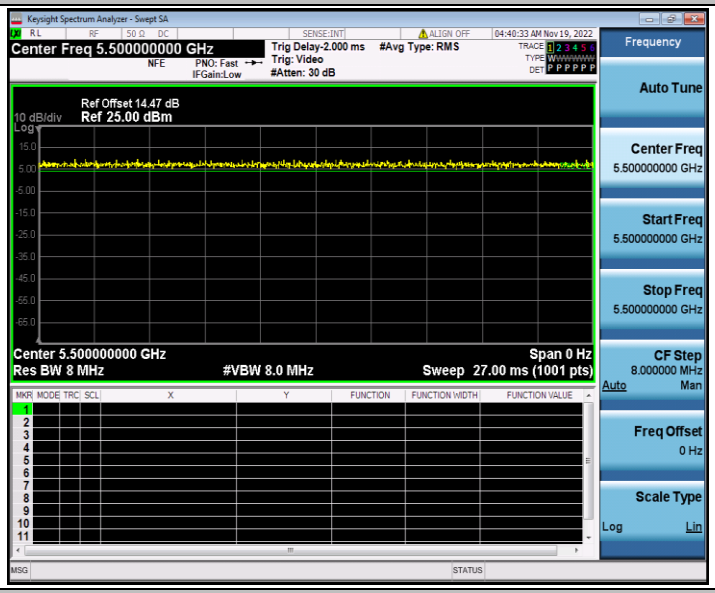

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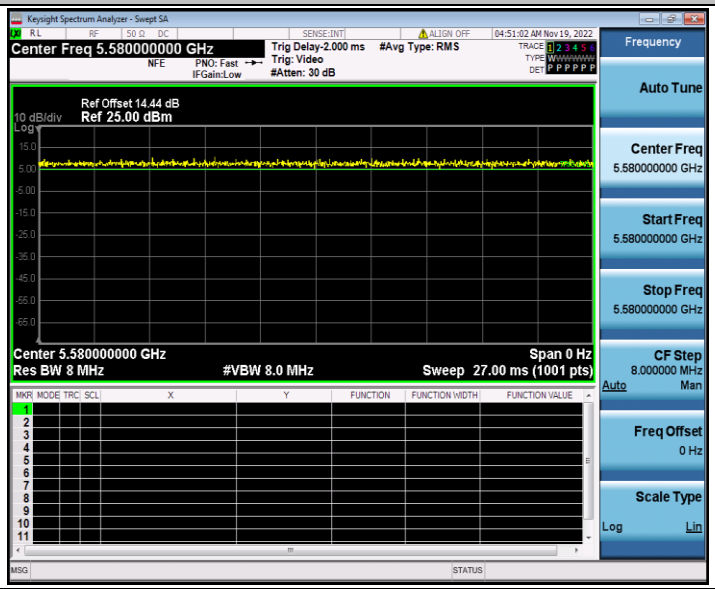

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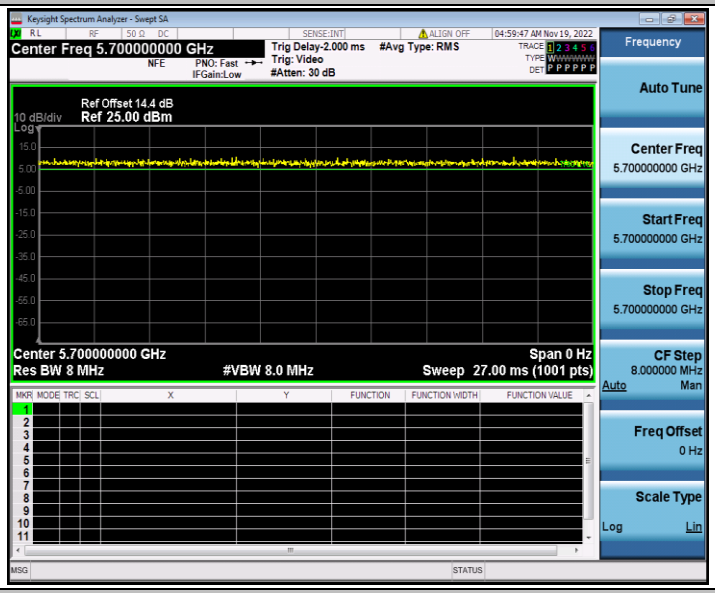

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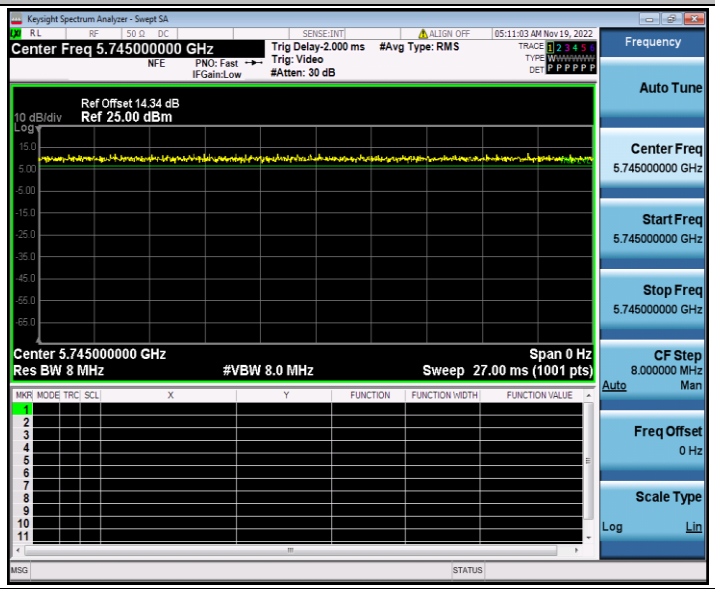

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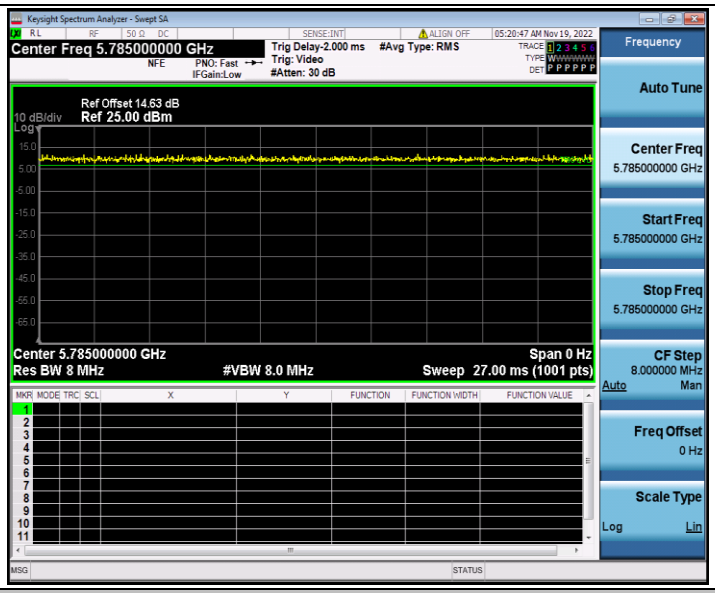

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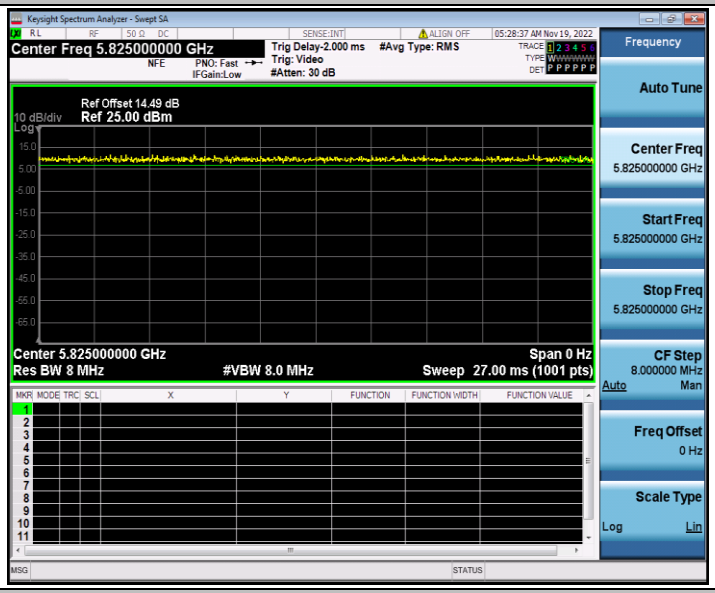

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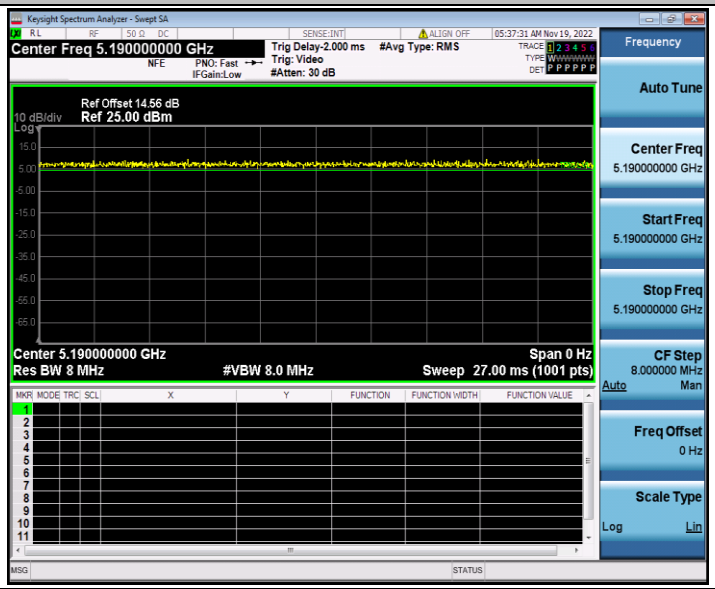

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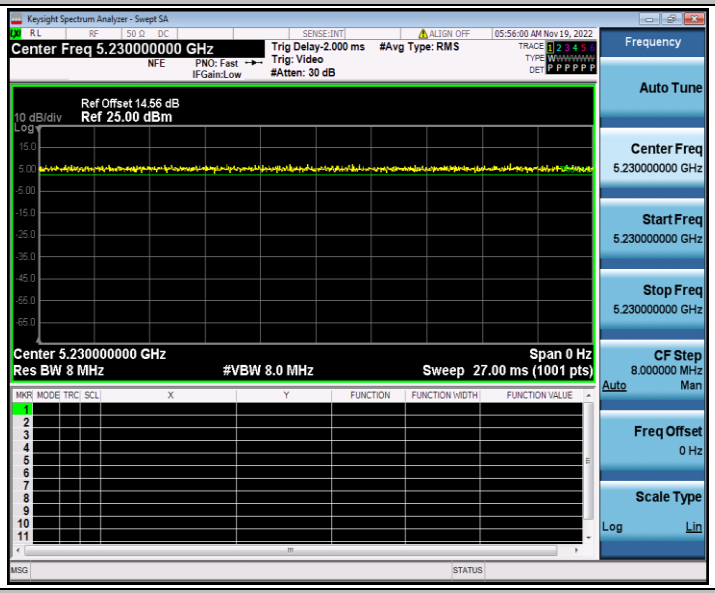

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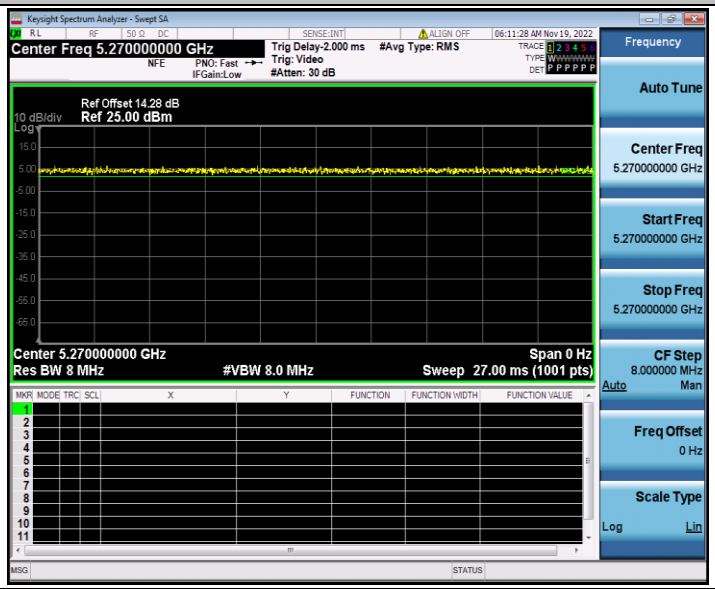

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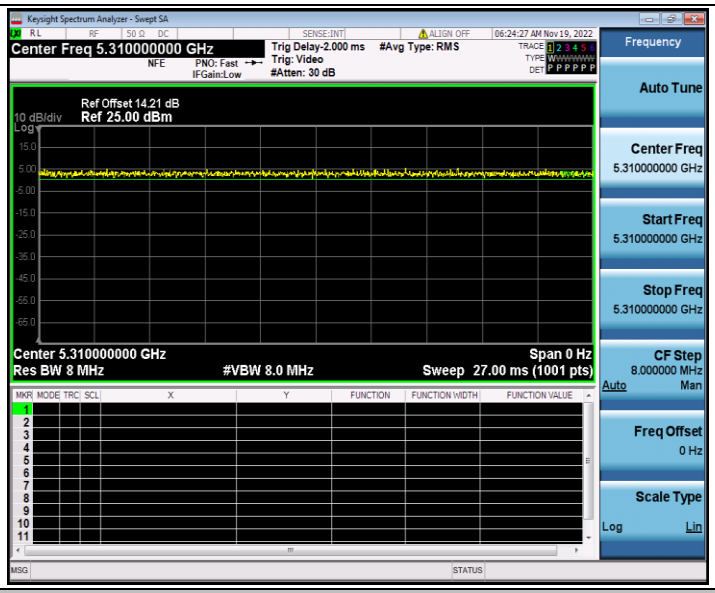

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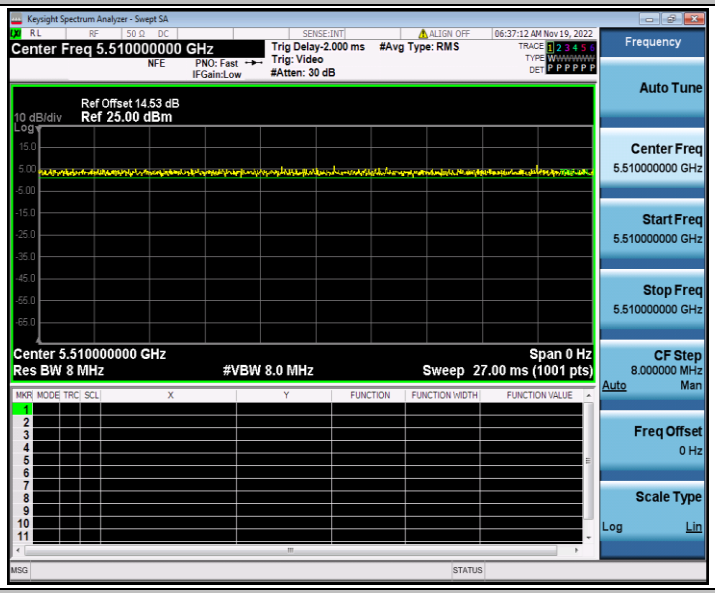

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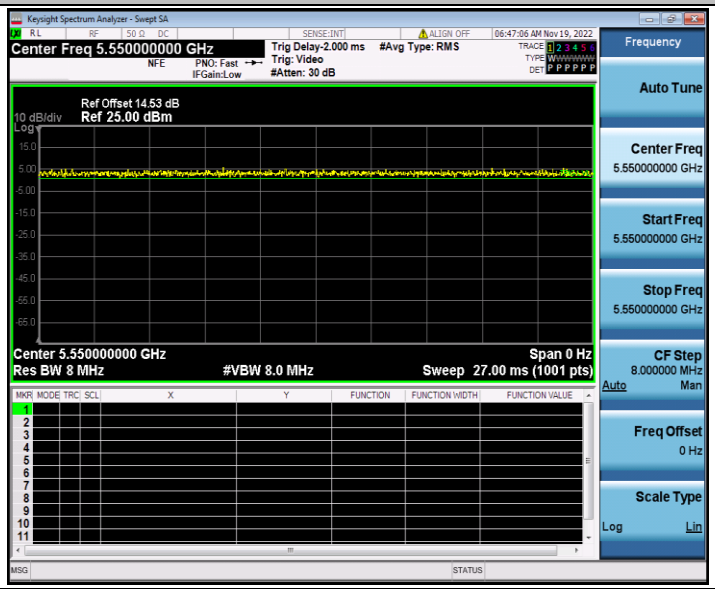

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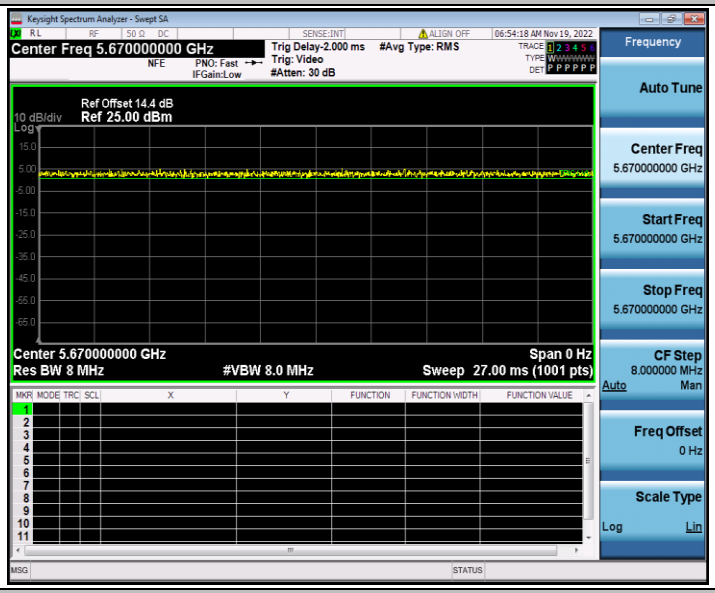

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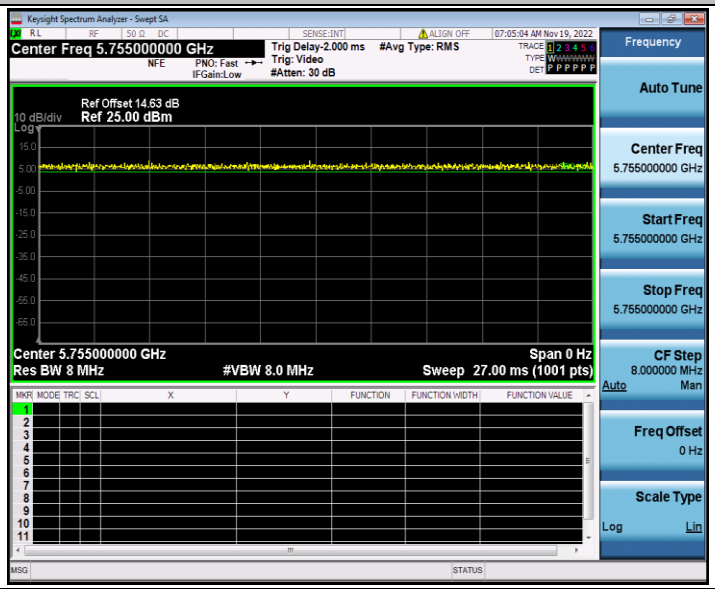

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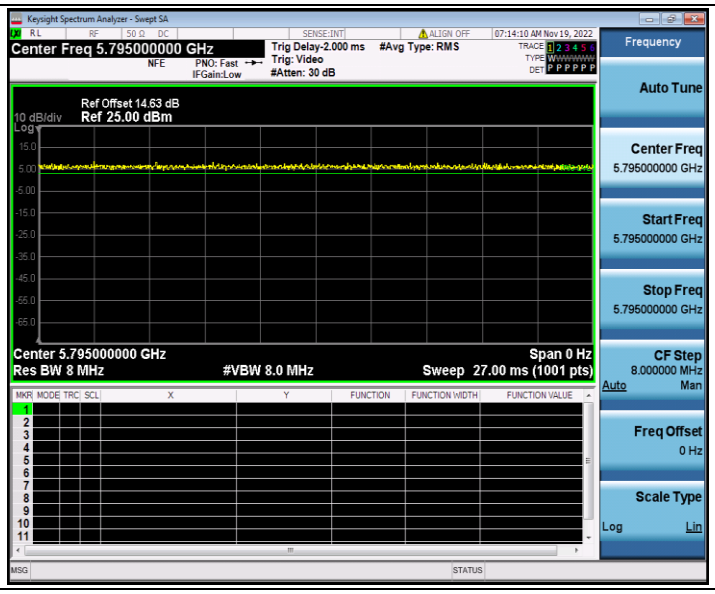
Keysight Spectrum Analyzer - Swept SA
RL
RF
50 Ω DC
SENSE:INT
ALIGN OFF
07:14:10 AM Nov 19, 2022
Center Freq 5.795000000 GHz
NFE
PNO: Fast
IFGain:Low
Trig Delay-2.000 ms
Trig: Video
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE
DET P P P P P
Ref Offset 14.63 dB
10 dB/div
Ref 25.00 dBm
Log
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
Center 5.795000000 GHz
Span 0 Hz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 27.00 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.795000000 GHz
Stop Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

Appendix A: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	6.23	0.00	6.23	≤23.98	2.97	9.20	≤22.00	PASS
		5200	5.58	0.00	5.58	≤23.98	2.97	8.55	≤22.00	PASS
		5240	3.85	0.00	3.85	≤23.98	2.97	6.82	≤22.00	PASS
		5260	3.55	0.00	3.55	≤23.98	2.97	6.52	≤23.00	PASS
		5280	3.11	0.00	3.11	≤23.98	2.97	6.08	≤23.00	PASS
		5320	1.95	0.00	1.95	≤23.98	2.97	4.92	≤23.00	PASS
		5500	2.12	0.00	2.12	≤23.98	2.97	5.09	≤23.00	PASS
		5580	2.45	0.00	2.45	≤23.98	2.97	5.42	≤23.00	PASS
		5700	2.91	0.00	2.91	≤23.98	2.97	5.88	≤23.00	PASS
		5745	4.96	0.00	4.96	≤30.00	2.97	7.93	≤30.00	PASS
		5785	5.17	0.00	5.17	≤30.00	2.97	8.14	≤30.00	PASS
		5825	5.15	0.00	5.15	≤30.00	2.97	8.12	≤30.00	PASS
11N20SISO	Ant1	5180	6.13	0.00	6.13	≤23.98	2.97	9.10	≤22.00	PASS
		5200	5.18	0.00	5.18	≤23.98	2.97	8.15	≤22.00	PASS
		5240	3.28	0.00	3.28	≤23.98	2.97	6.25	≤22.00	PASS
		5260	3.33	0.00	3.33	≤23.98	2.97	6.30	≤23.00	PASS
		5280	3.08	0.00	3.08	≤23.98	2.97	6.05	≤23.00	PASS
		5320	1.77	0.00	1.77	≤23.98	2.97	4.74	≤23.00	PASS
		5500	1.99	0.00	1.99	≤23.98	2.97	4.96	≤23.00	PASS
		5580	2.27	0.00	2.27	≤23.98	2.97	5.24	≤23.00	PASS
		5700	2.43	0.00	2.43	≤23.98	2.97	5.40	≤23.00	PASS
		5745	4.71	0.00	4.71	≤30.00	2.97	7.68	≤30.00	PASS
		5785	4.92	0.00	4.92	≤30.00	2.97	7.89	≤30.00	PASS
		5825	4.95	0.00	4.95	≤30.00	2.97	7.92	≤30.00	PASS
11N40SISO	Ant1	5190	5.87	0.00	5.87	≤23.98	2.97	8.84	≤23.00	PASS
		5230	3.76	0.00	3.76	≤23.98	2.97	6.73	≤23.00	PASS
		5270	2.85	0.00	2.85	≤23.98	2.97	5.82	≤23.00	PASS
		5310	1.76	0.00	1.76	≤23.98	2.97	4.73	≤24.00	PASS
		5510	1.95	0.00	1.95	≤23.98	2.97	4.92	≤24.00	PASS
		5550	1.73	0.00	1.73	≤23.98	2.97	4.70	≤24.00	PASS
		5670	1.52	0.00	1.52	≤23.98	2.97	4.49	≤26.99	PASS
		5755	4.98	0.00	4.98	≤30.00	2.97	7.95	≤30.00	PASS
		5795	4.98	0.00	4.98	≤30.00	2.97	7.95	≤30.00	PASS

Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

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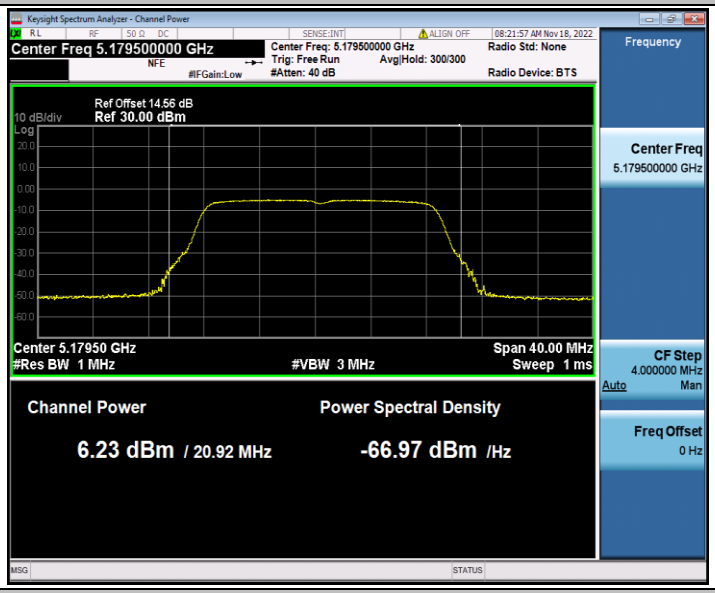
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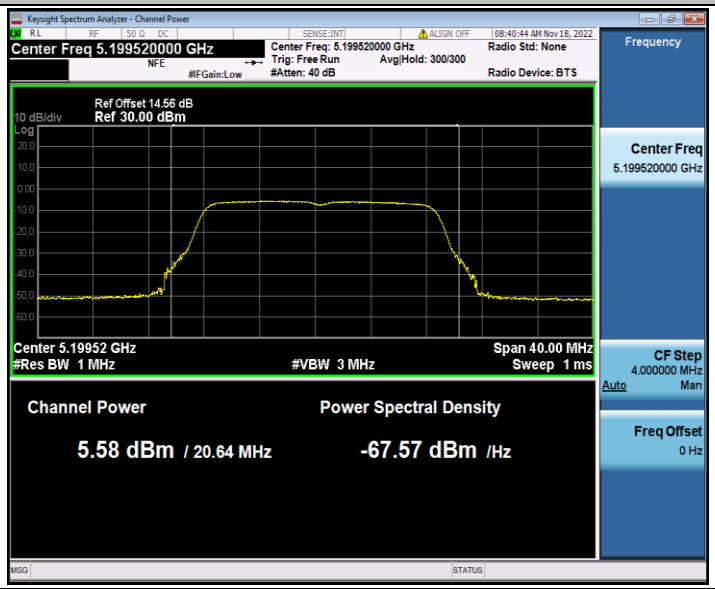
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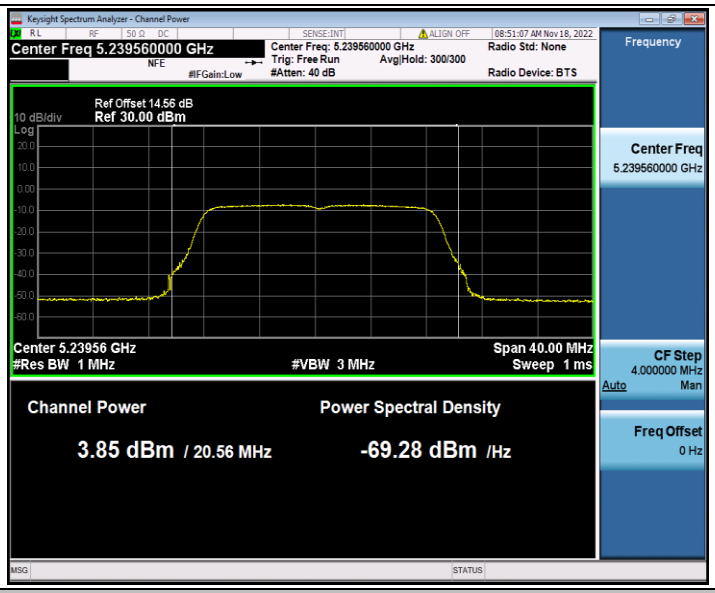

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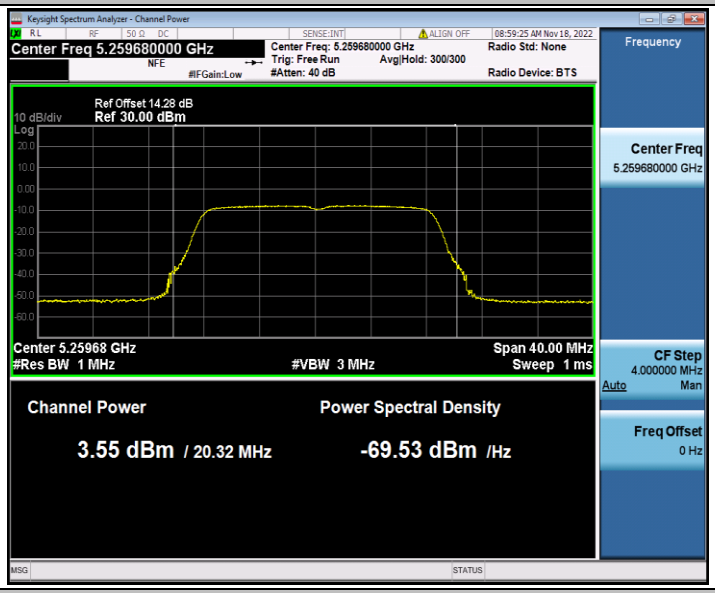

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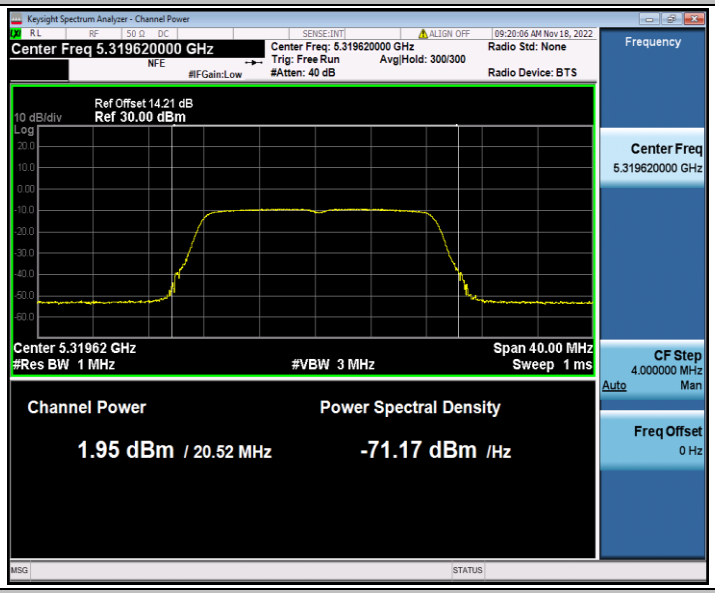

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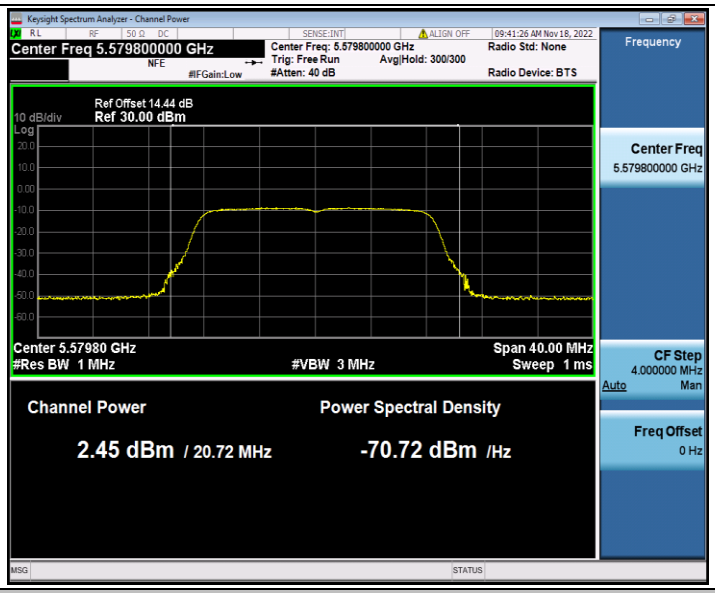

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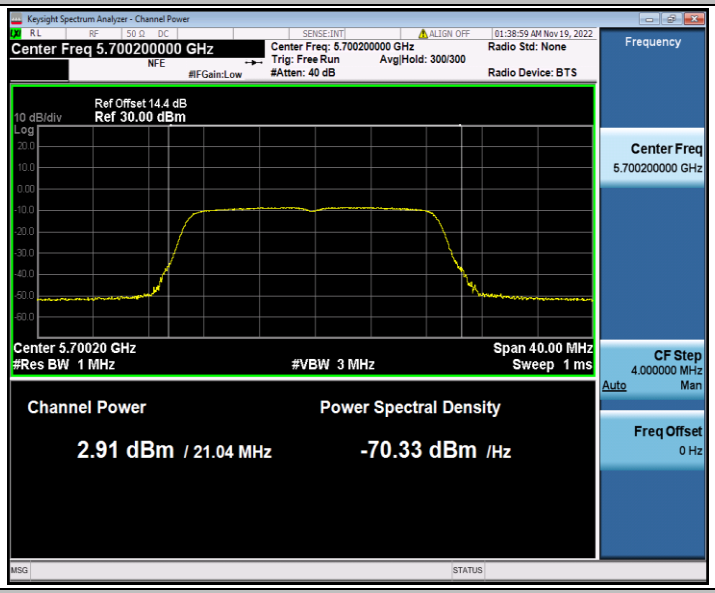

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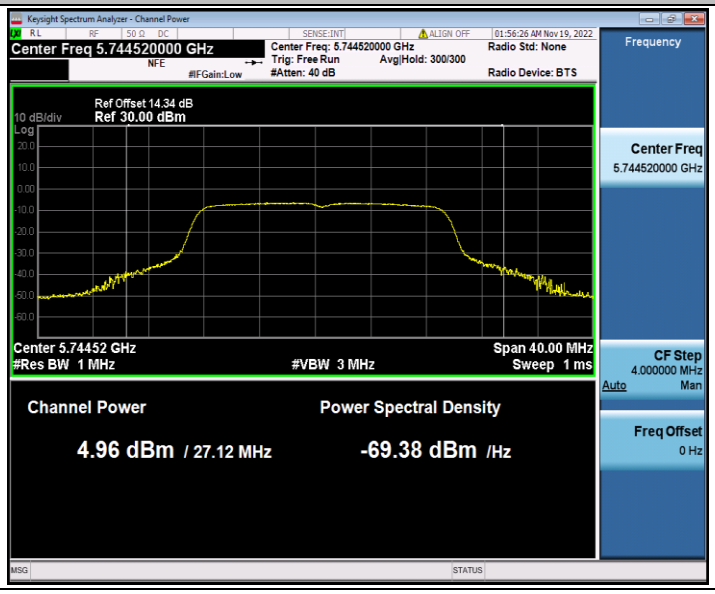

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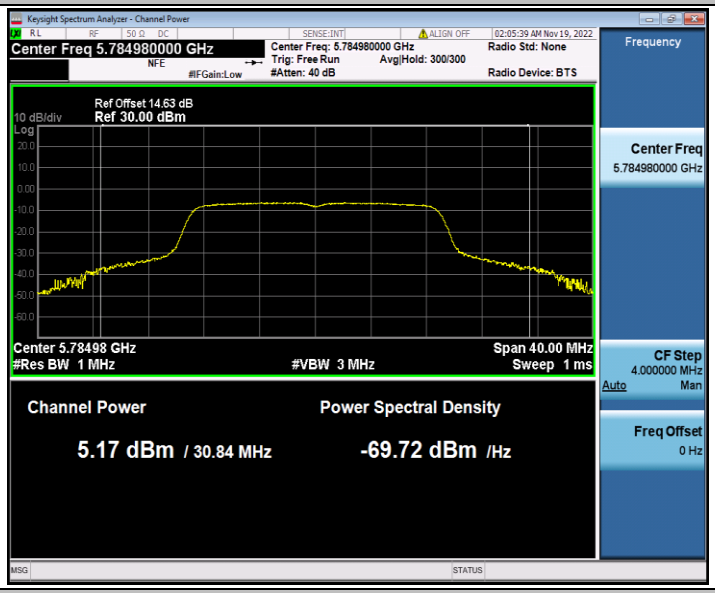

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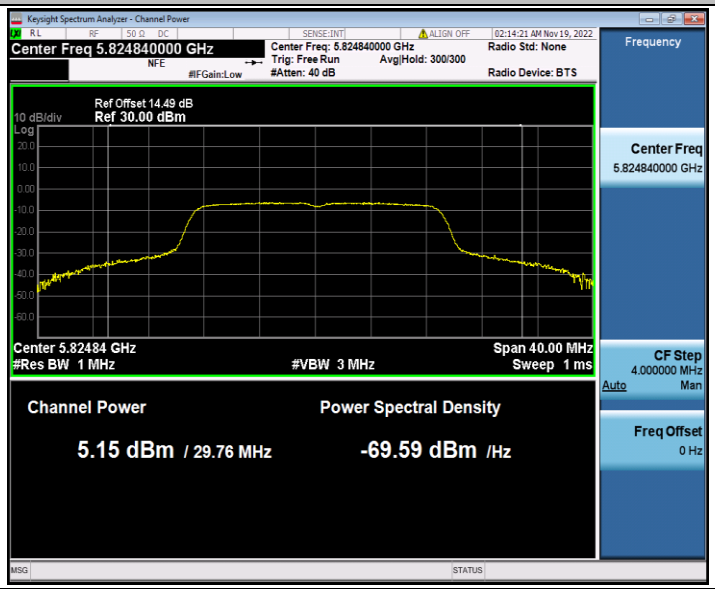

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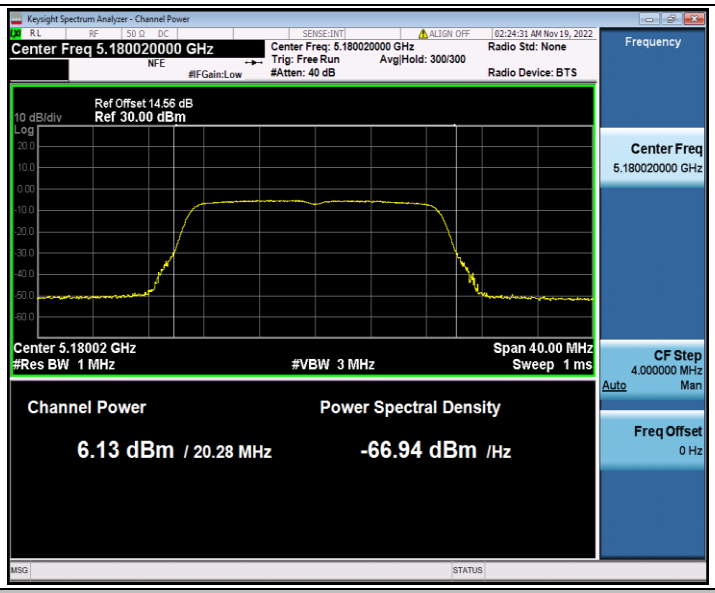

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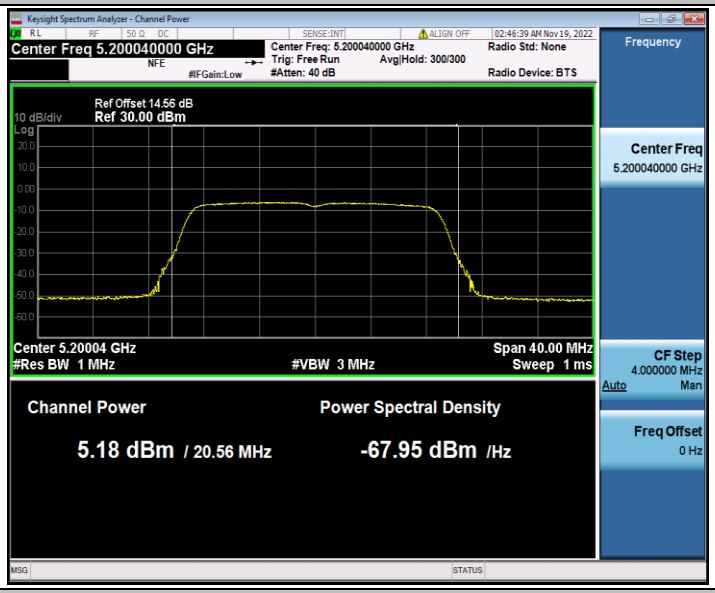

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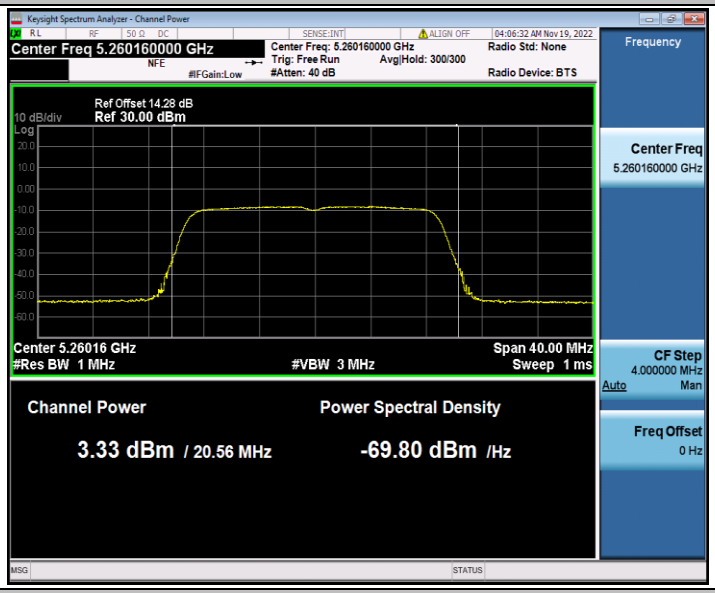

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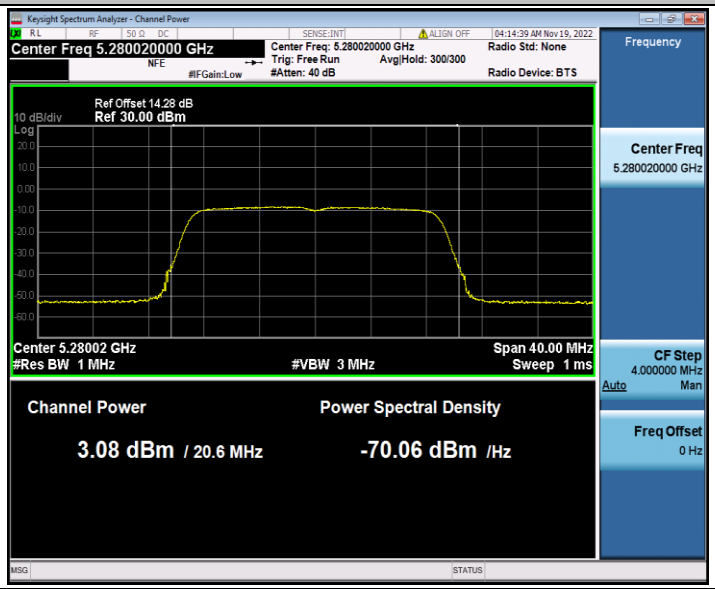

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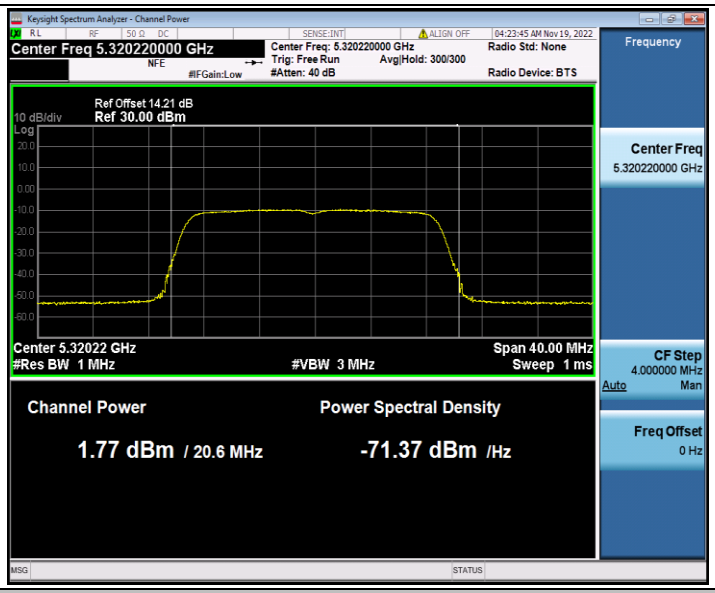

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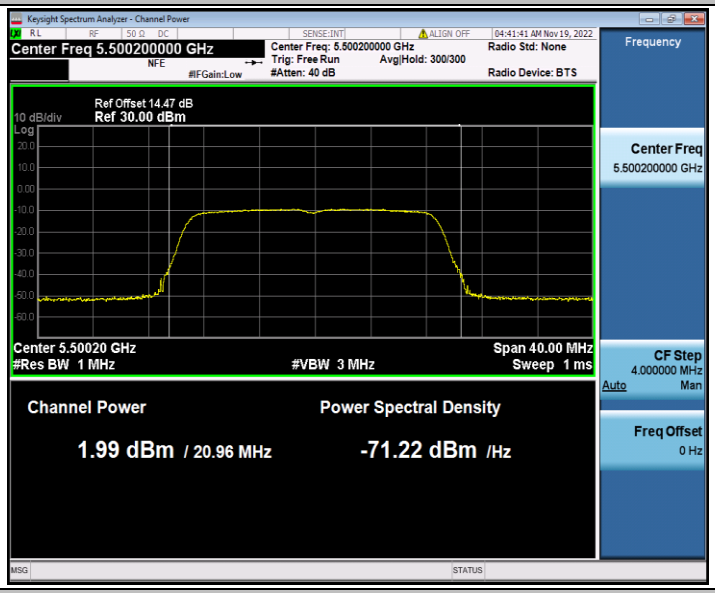

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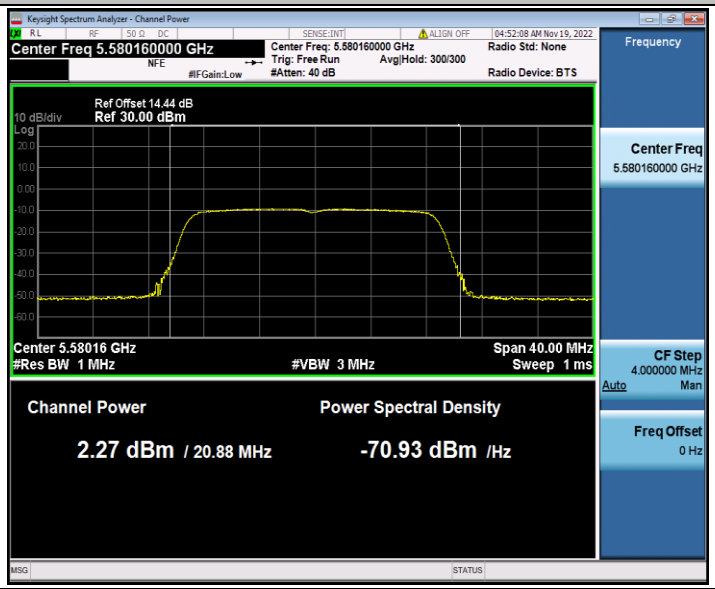

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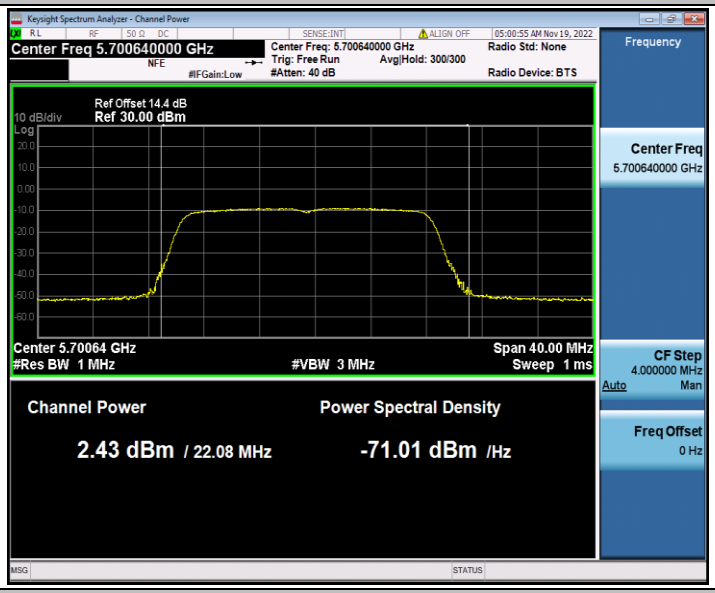

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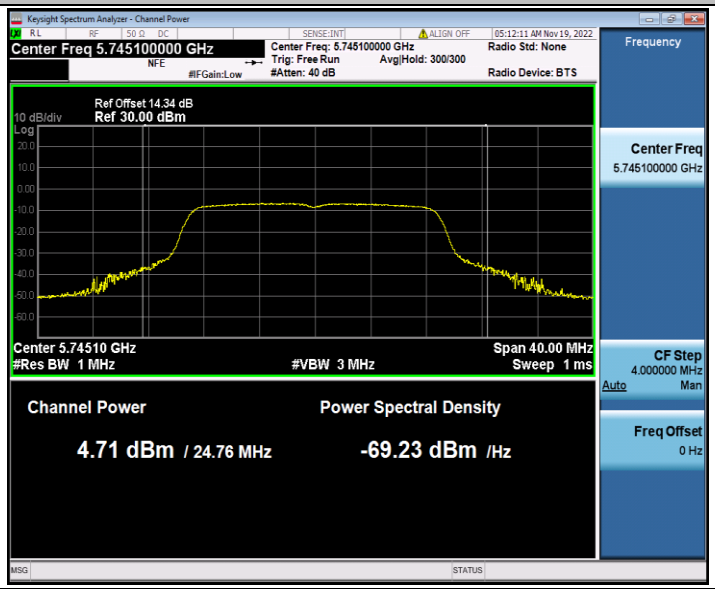

11N20SISO_Ant1_5785