

Ant 2

Test Result B1/2/3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-47.64	≤-27	PASS
11A	Ant2	High	5320	-48.99	≤-27	PASS
11A	Ant2	Low	5500	-49.28	≤-27	PASS
11A	Ant2	High	5700	-48.87	≤-27	PASS
11N20SISO	Ant2	Low	5180	-47.77	≤-27	PASS
11N20SISO	Ant2	High	5320	-49	≤-27	PASS
11N20SISO	Ant2	Low	5500	-48.96	≤-27	PASS
11N20SISO	Ant2	High	5700	-49.12	≤-27	PASS
11N40SISO	Ant2	Low	5190	-47.32	≤-27	PASS
11N40SISO	Ant2	High	5310	-49.14	≤-27	PASS
11N40SISO	Ant2	Low	5510	-48.83	≤-27	PASS
11N40SISO	Ant2	High	5670	-48.62	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-47.4	≤-27	PASS
11AC20SISO	Ant2	High	5320	-48.67	≤-27	PASS
11AC20SISO	Ant2	Low	5500	-48.23	≤-27	PASS
11AC20SISO	Ant2	High	5700	-47.76	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-46.99	≤-27	PASS
11AC40SISO	Ant2	High	5310	-48.52	≤-27	PASS
11AC40SISO	Ant2	Low	5510	-47.9	≤-27	PASS
11AC40SISO	Ant2	High	5670	-48.97	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-44.22	≤-27	PASS
11AC80SISO	Ant2	High	5290	-46.58	≤-27	PASS
11AC80SISO	Ant2	Low	5530	-41.03	≤-27	PASS
11AC80SISO	Ant2	High	5610	-49.26	≤-27	PASS
11AC160SISO	Ant2	Low	5250	-37.56	≤-27	PASS
11AC160SISO	Ant2	High	5250	-40.74	≤-27	PASS
11AC160SISO	Ant2	Low	5570	-41.13	≤-27	PASS
11AC160SISO	Ant2	High	5570	-47.14	≤-27	PASS
11AX20SISO	Ant2	Low	5180	-47.86	≤-27	PASS
11AX20SISO	Ant2	High	5320	-48.88	≤-27	PASS
11AX20SISO	Ant2	Low	5500	-48.87	≤-27	PASS
11AX20SISO	Ant2	High	5700	-49.23	≤-27	PASS
11AX40SISO	Ant2	Low	5190	-48.54	≤-27	PASS
11AX40SISO	Ant2	High	5310	-48.34	≤-27	PASS
11AX40SISO	Ant2	Low	5510	-48.11	≤-27	PASS
11AX40SISO	Ant2	High	5670	-49.14	≤-27	PASS
11AX80SISO	Ant2	Low	5210	-45.22	≤-27	PASS
11AX80SISO	Ant2	High	5290	-46.19	≤-27	PASS

11AX80SISO	Ant2	Low	5530	-42.52	≤-27	PASS
11AX80SISO	Ant2	High	5610	-49.26	≤-27	PASS
11AX160SISO	Ant2	Low	5250	-36.83	≤-27	PASS
11AX160SISO	Ant2	High	5250	-38.57	≤-27	PASS
11AX160SISO	Ant2	Low	5570	-41.93	≤-27	PASS
11AX160SISO	Ant2	High	5570	-44.02	≤-27	PASS

Test Result B4

Test Mode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5720~5725	-49.09	≤16.08	PASS
11A	Ant2	Low	5745	5700~5720	-49.23	≤10.12	PASS
11A	Ant2	Low	5745	5650~5700	-50.41	≤-26.36	PASS
11A	Ant2	Low	5745	5760~5650	-49.7	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-49.51	≤16.96	PASS
11A	Ant2	High	5825	5855~5875	-49.94	≤10.17	PASS
11A	Ant2	High	5825	5875~5925	-48.28	≤-26.51	PASS
11A	Ant2	High	5825	5925~5935	-48.84	≤-27	PASS
11N20SISO	Ant2	Low	5745	5720~5725	-50.19	≤16.08	PASS
11N20SISO	Ant2	Low	5745	5700~5720	-48.86	≤10.57	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-50.75	≤-26.79	PASS
11N20SISO	Ant2	Low	5745	5760~5650	-49.23	≤-27	PASS
11N20SISO	Ant2	High	5825	5850~5855	-50.09	≤15.73	PASS
11N20SISO	Ant2	High	5825	5855~5875	-49.24	≤10.10	PASS
11N20SISO	Ant2	High	5825	5875~5925	-48.82	≤-26.31	PASS
11N20SISO	Ant2	High	5825	5925~5935	-48.9	≤-27	PASS
11N40SISO	Ant2	Low	5755	5720~5725	-47.26	≤15.74	PASS
11N40SISO	Ant2	Low	5755	5700~5720	-49.83	≤10.02	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-49.87	≤-26.80	PASS
11N40SISO	Ant2	Low	5755	5780~5650	-49.66	≤-27	PASS
11N40SISO	Ant2	High	5795	5850~5855	-49.22	≤16.03	PASS

SO							
11N40SI SO	Ant2	High	5795	5855~5875	-49.17	≤10.20	PASS
11N40SI SO	Ant2	High	5795	5875~5925	-48.54	≤-26.95	PASS
11N40SI SO	Ant2	High	5795	5925~5935	-48.82	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5720~5725	-49.42	≤16.08	PASS
11AC20S ISO	Ant2	Low	5745	5700~5720	-48.98	≤10.28	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-49.41	≤-26.27	PASS
11AC20S ISO	Ant2	Low	5745	5760~5650	-49.5	≤-27	PASS
11AC20S ISO	Ant2	High	5825	5850~5855	-50.1	≤15.73	PASS
11AC20S ISO	Ant2	High	5825	5855~5875	-49.46	≤10.21	PASS
11AC20S ISO	Ant2	High	5825	5875~5925	-48.99	≤-26.91	PASS
11AC20S ISO	Ant2	High	5825	5925~5935	-48.59	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5720~5725	-46.13	≤16.97	PASS
11AC40S ISO	Ant2	Low	5755	5700~5720	-48.99	≤10.89	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-49.44	≤-25.51	PASS
11AC40S ISO	Ant2	Low	5755	5780~5650	-48.58	≤-27	PASS
11AC40S ISO	Ant2	High	5795	5850~5855	-50.03	≤15.66	PASS
11AC40S ISO	Ant2	High	5795	5855~5875	-49.39	≤10.02	PASS
11AC40S ISO	Ant2	High	5795	5875~5925	-48.34	≤-26.22	PASS
11AC40S ISO	Ant2	High	5795	5925~5935	-48.64	≤-27	PASS
11AC80S ISO	Ant2	Low	5775	5720~5725	-42.17	≤15.65	PASS
11AC80S ISO	Ant2	Low	5775	5700~5720	-42.1	≤11.01	PASS

11AC80S ISO	Ant2	Low	5775	5650~5700	-48.93	≤-26.11	PASS
11AC80S ISO	Ant2	Low	5775	5800~5650	-48.78	≤-27	PASS
11AC80S ISO	Ant2	High	5775	5850~5855	-50.42	≤15.84	PASS
11AC80S ISO	Ant2	High	5775	5855~5875	-45.7	≤11.07	PASS
11AC80S ISO	Ant2	High	5775	5875~5925	-49.07	≤-26.05	PASS
11AC80S ISO	Ant2	High	5775	5925~5935	-48.96	≤-27	PASS
11AX20SI SO	Ant2	Low	5745	5720~5725	-48.59	≤17.13	PASS
11AX20SI SO	Ant2	Low	5745	5700~5720	-49.73	≤10.12	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-50.09	≤-26.36	PASS
11AX20SI SO	Ant2	Low	5745	5760~5650	-50.03	≤-27	PASS
11AX20SI SO	Ant2	High	5825	5850~5855	-50.74	≤15.73	PASS
11AX20SI SO	Ant2	High	5825	5855~5875	-49.4	≤10.44	PASS
11AX20SI SO	Ant2	High	5825	5875~5925	-50.05	≤-26.41	PASS
11AX20SI SO	Ant2	High	5825	5925~5935	-47.98	≤-27	PASS
11AX40SI SO	Ant2	Low	5755	5720~5725	-47.43	≤15.74	PASS
11AX40SI SO	Ant2	Low	5755	5700~5720	-44.23	≤14.90	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-50.8	≤-26.80	PASS
11AX40SI SO	Ant2	Low	5755	5780~5650	-50.59	≤-27	PASS
11AX40SI SO	Ant2	High	5795	5850~5855	-50.42	≤15.66	PASS
11AX40SI SO	Ant2	High	5795	5855~5875	-48.6	≤10.02	PASS
11AX40SI SO	Ant2	High	5795	5875~5925	-49.57	≤-26.46	PASS
11AX40SI SO	Ant2	High	5795	5925~5935	-48.14	≤-27	PASS

11AX80SI SO	Ant2	Low	5775	5720~5725	-42.09	≤15.65	PASS
11AX80SI SO	Ant2	Low	5775	5700~5720	-39.16	≤15.22	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-49.4	≤-26.23	PASS
11AX80SI SO	Ant2	Low	5775	5800~5650	-48.98	≤-27	PASS
11AX80SI SO	Ant2	High	5775	5850~5855	-47.86	≤16.68	PASS
11AX80SI SO	Ant2	High	5775	5855~5875	-47.44	≤10.81	PASS
11AX80SI SO	Ant2	High	5775	5875~5925	-49.51	≤-26.19	PASS
11AX80SI SO	Ant2	High	5775	5925~5935	-48.89	≤-27	PASS

Keysight Spectrum Analyzer - Sweep SA

Center Freq 4.850000000 GHz

Ref Offset 9.78 dB
Ref 20.00 dBm

Mkr3 5.095 7 GHz
-47.643 dBm

10 dB/div
Log

Start 4.5000 GHz
#Res BW 100 kHz

Stop 5.2000 GHz
#VBW 300 kHz
Sweep 66.93 ms (1001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.181 1 GHz	1.916 dBm			
2	N	1	f	5.150 0 GHz	-50.124 dBm			
3	N	1	f	5.095 7 GHz	-47.643 dBm			

Frequency

Auto Tune

Center Freq
4.850000000 GHz

Start Freq
4.500000000 GHz

Stop Freq
5.200000000 GHz

CF Step
70.000000 MHz

Freq Offset
0 Hz

Scale Type
Log

11A-Ant2-5180-PASS

Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.380000000 GHz

Ref Offset 9.63 dB
Ref 20.00 dBm

Mkr3 5.394 40 GHz
-48.993 dBm

10 dB/div
Log

Start 5.30000 GHz
#Res BW 100 kHz

Stop 5.46000 GHz
#VBW 300 kHz
Sweep 15.33 ms (1001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.321 28 GHz	2.822 dBm			
2	N	1	f	5.350 00 GHz	-50.117 dBm			
3	N	1	f	5.394 40 GHz	-48.993 dBm			

Frequency

Auto Tune

Center Freq
5.380000000 GHz

Start Freq
5.300000000 GHz

Stop Freq
5.460000000 GHz

CF Step
16.000000 MHz

Freq Offset
0 Hz

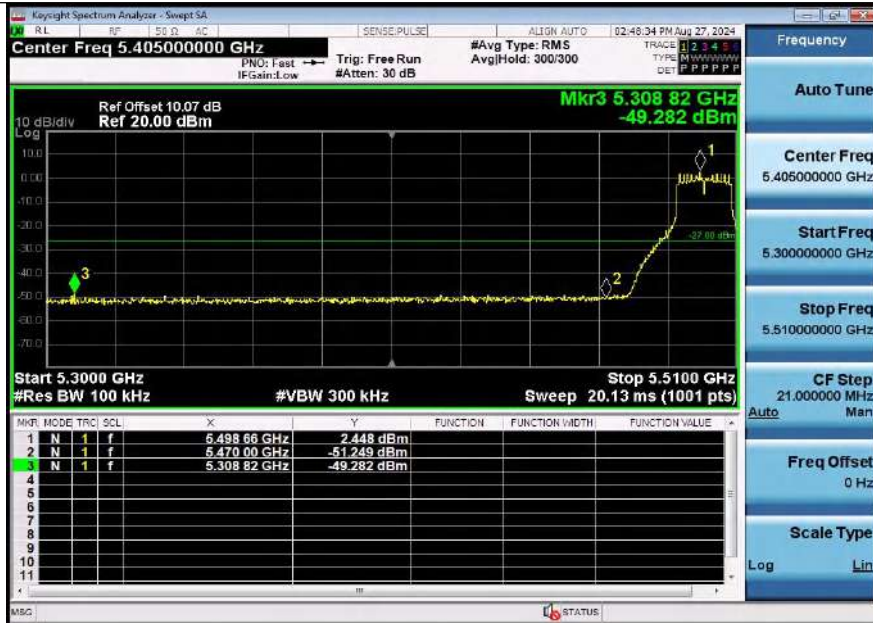
Scale Type
Log

11A-Ant2-5320-PASS

11A-Ant2-5180-PASS



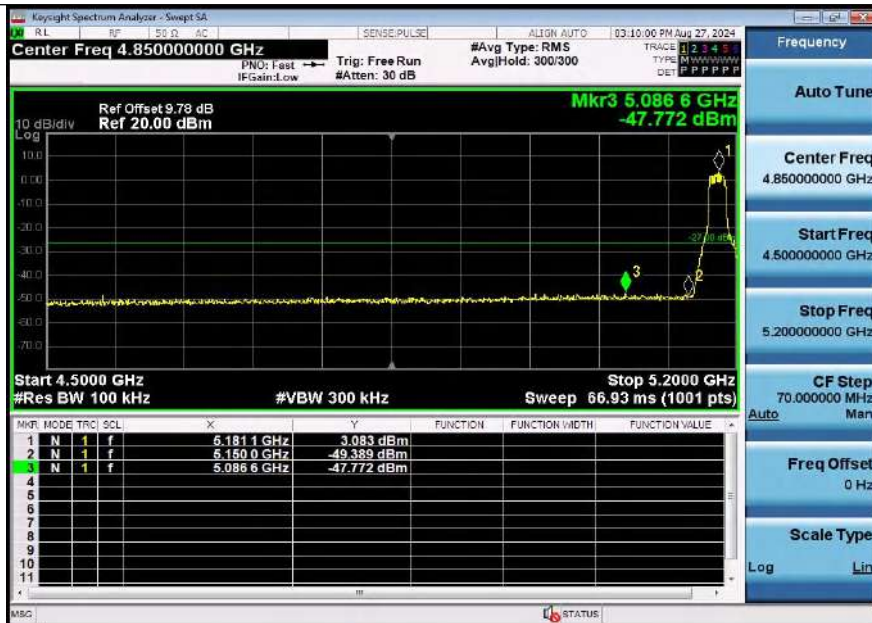
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11A-Ant2-5500-PASS



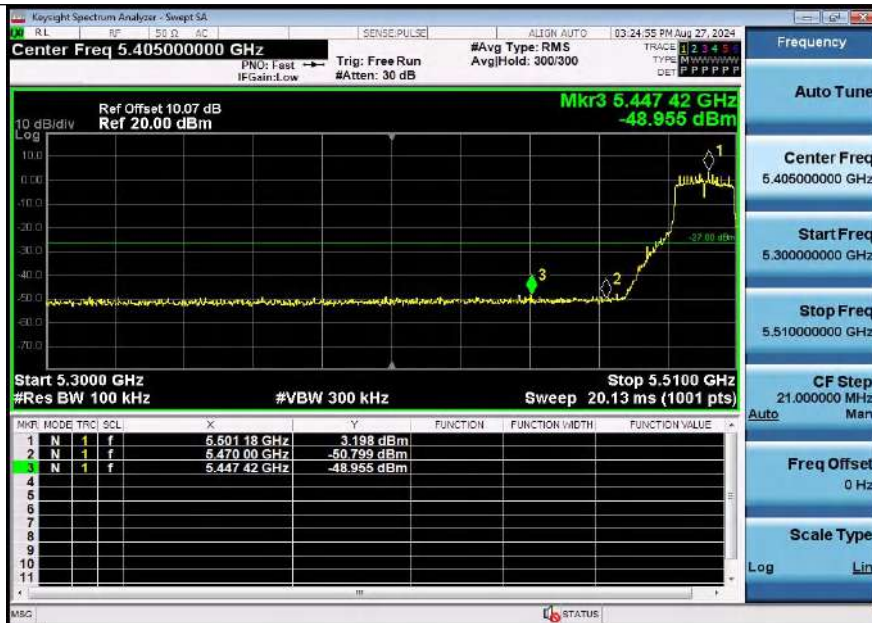
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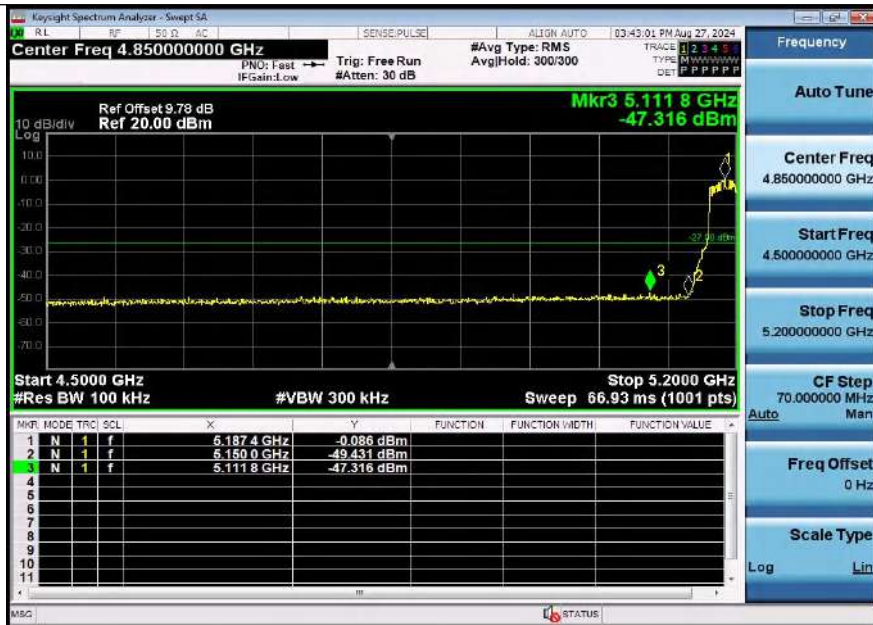
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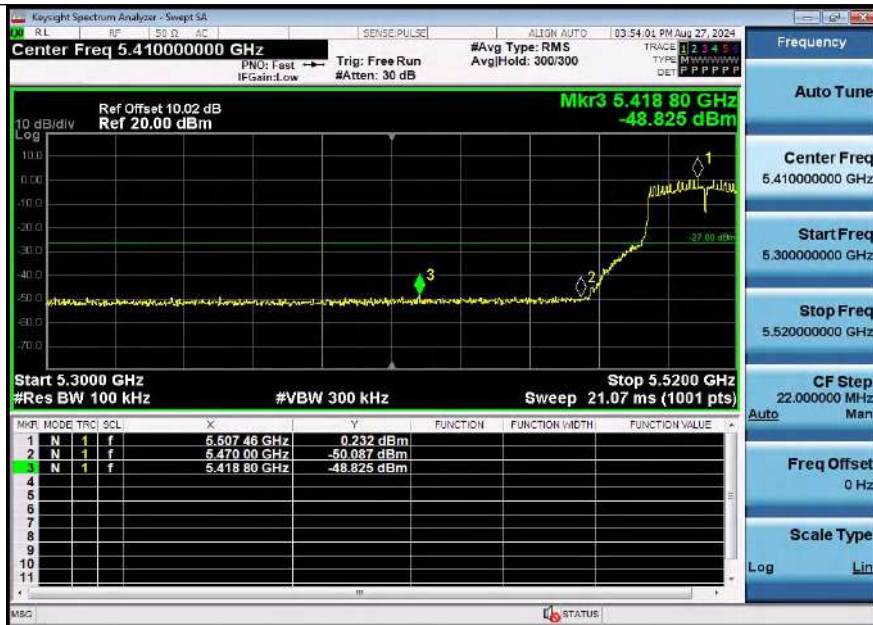
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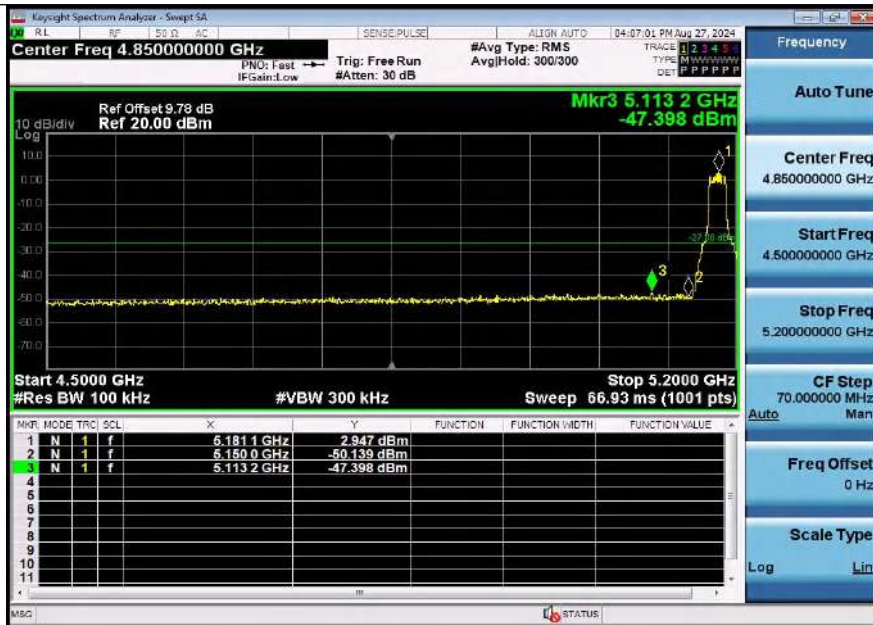
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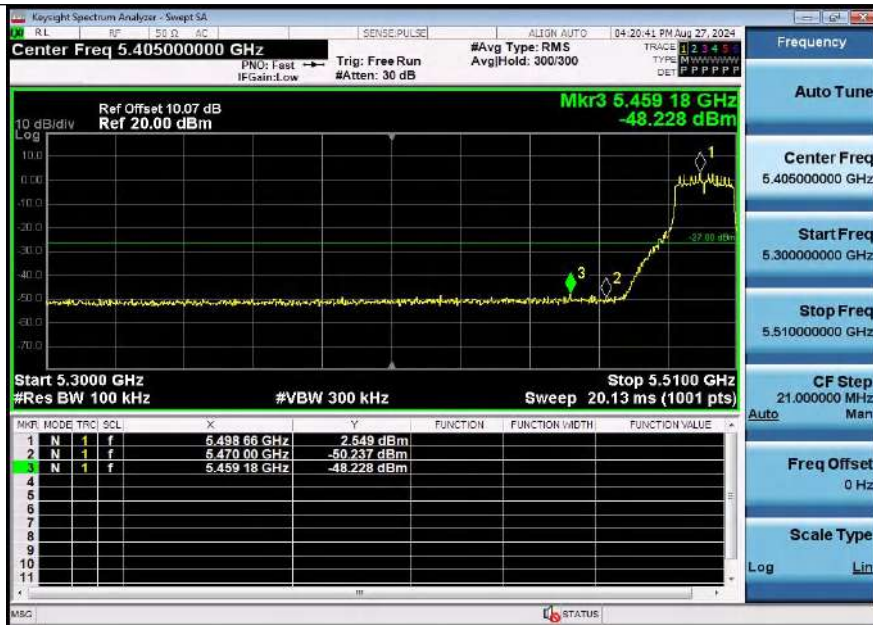
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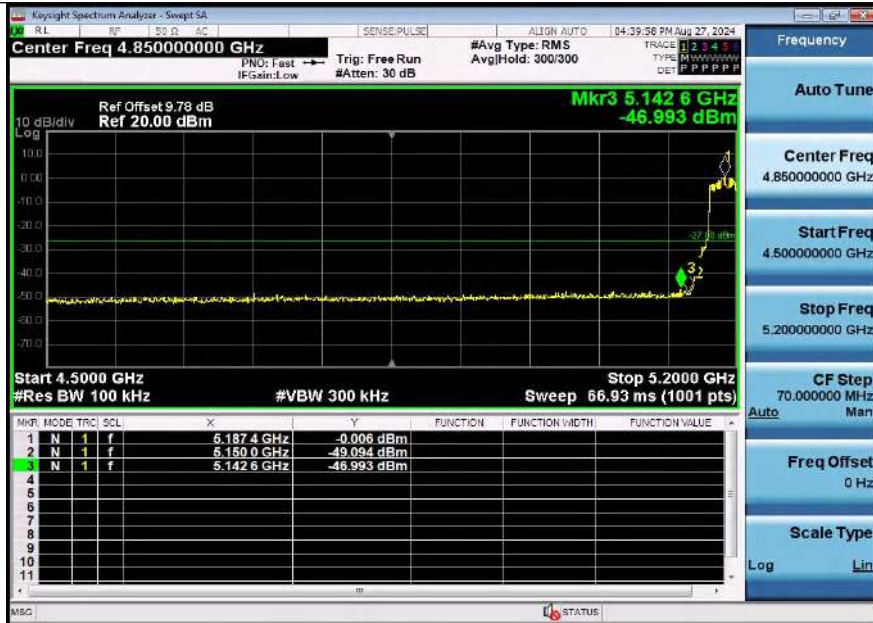
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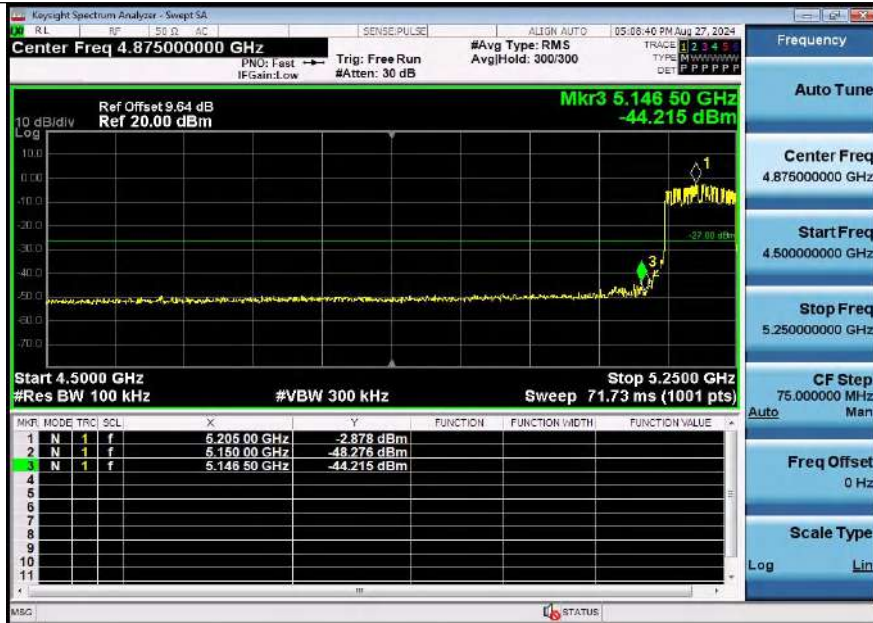
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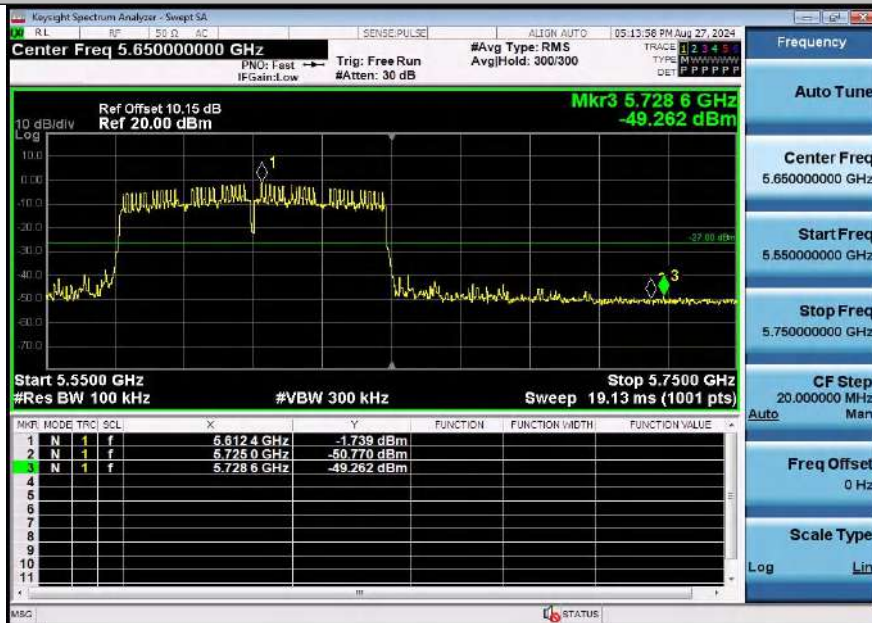
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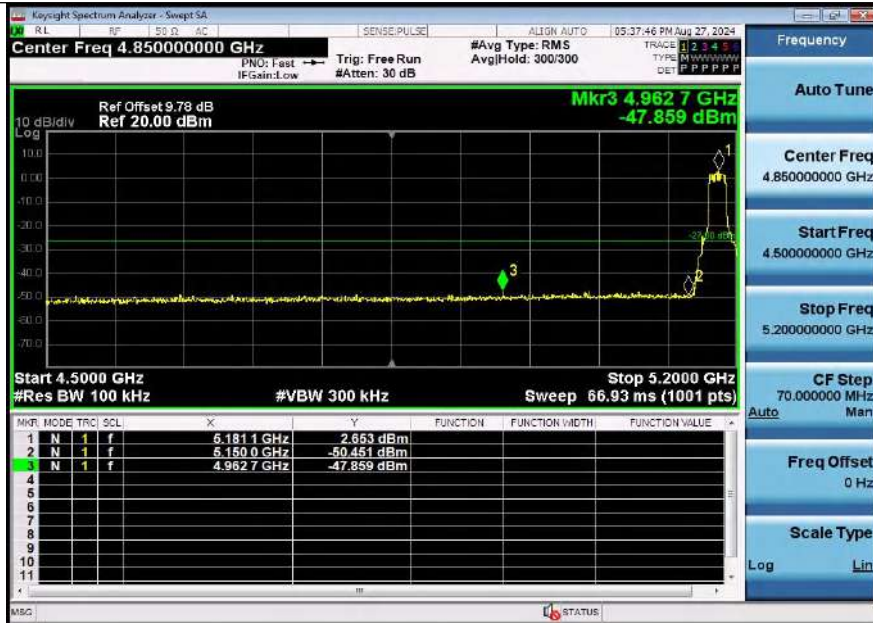
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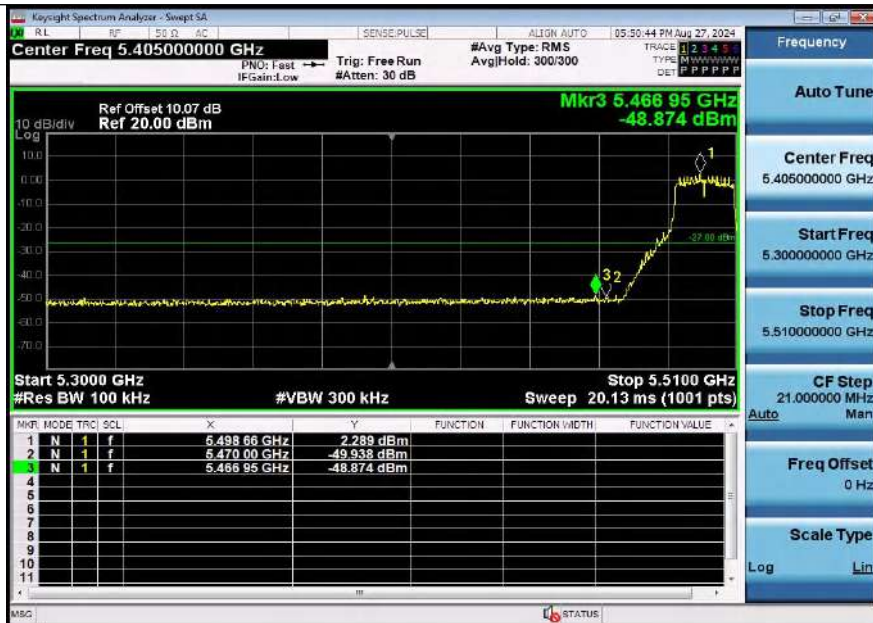
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11AX20SISO-Ant2-5180-PASS



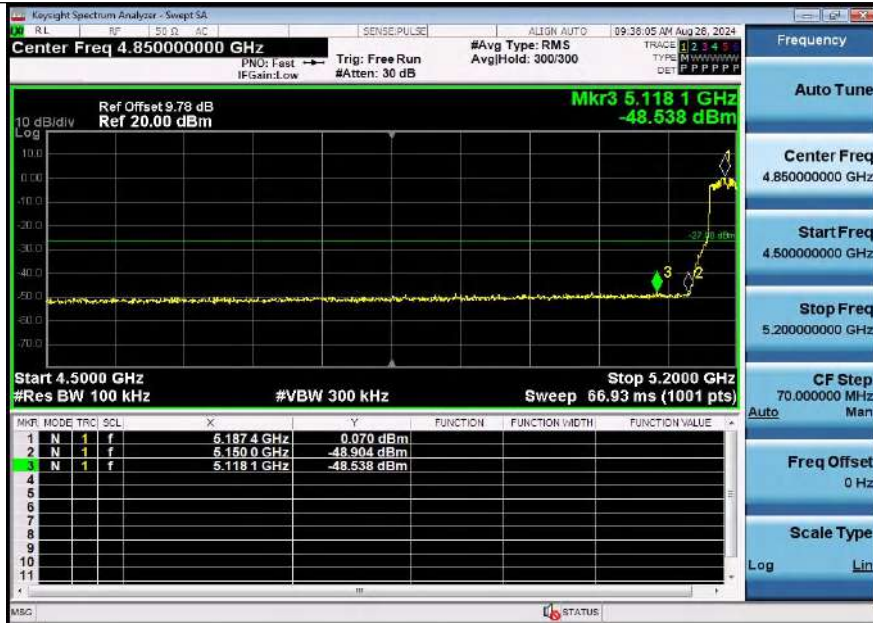
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11AX20SISO-Ant2-5500-PASS



11AX20SISO-Ant2-5700-PASS



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11AX40SISO-Ant2-5310-PASS



11AX40SISO-Ant2-5510-PASS



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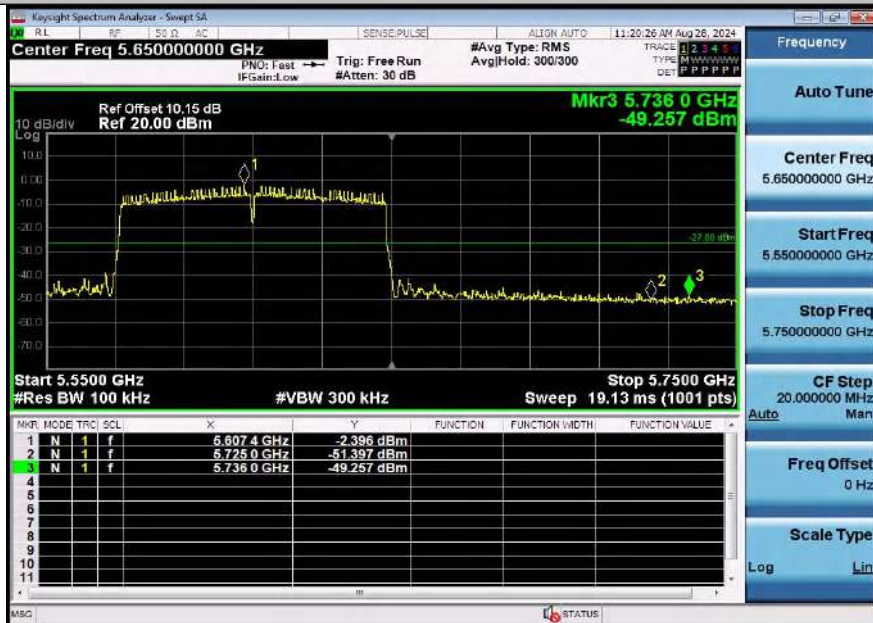
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11AX80SISO-Ant2-5610-PASS



11AX160SISO-Ant2-5250-PASS



11AX160SISO-Ant2-5250-PASS



11AX160SISO-Ant2-5570-PASS



11AX160SISO-Ant2-5570-PASS

Test Graphs B4



11A-Ant2-5745-PASS



11A-Ant2-5825-PASS



11N20SISO-Ant2-5745-PASS



11N20SISO-Ant2-5825-PASS



11N40SISO-Ant2-5755-PASS



11N40SISO-Ant2-5795-PASS



11AC20SISO-Ant2-5745-PASS



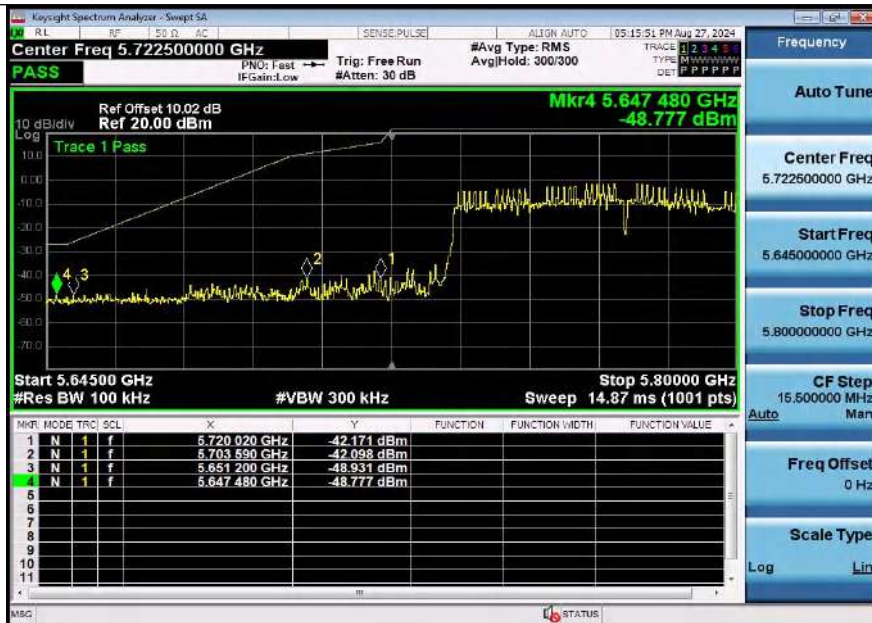
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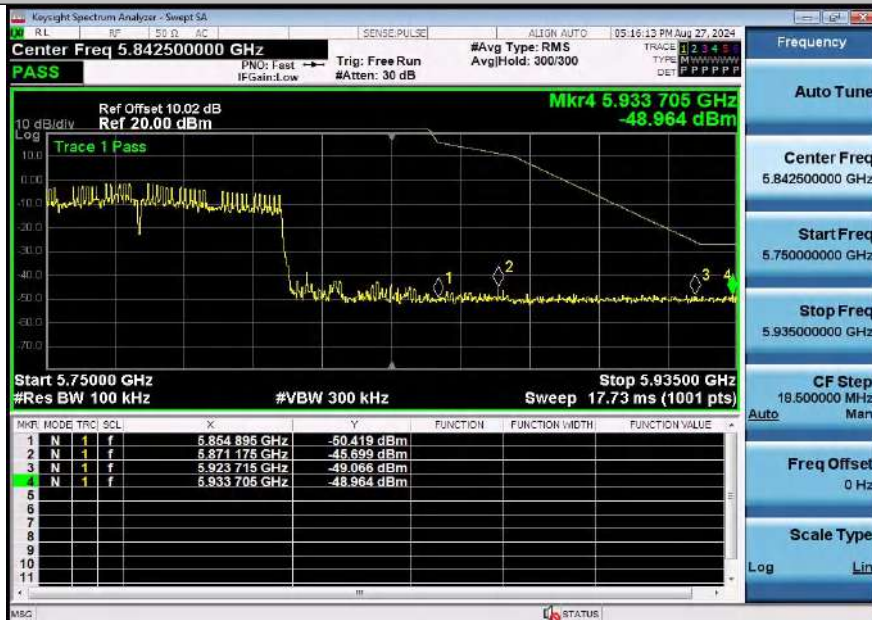
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11AC40SISO-Ant2-5795-PASS



11AC80SISO-Ant2-5775-PASS



11AC80SISO-Ant2-5775-PASS



11AX20SISO-Ant2-5745-PASS



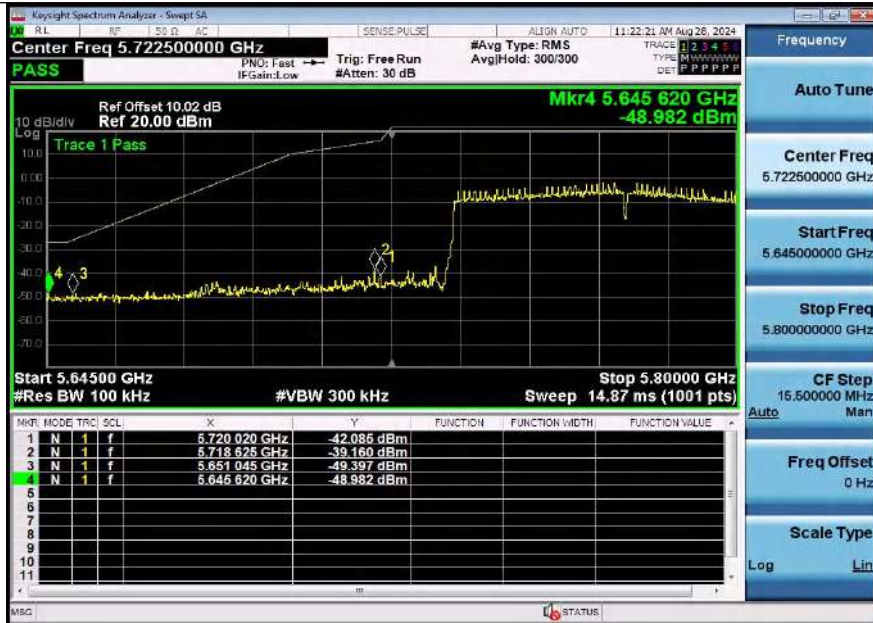
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11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5775-PASS



11AX80SISO-Ant2-5775-PASS