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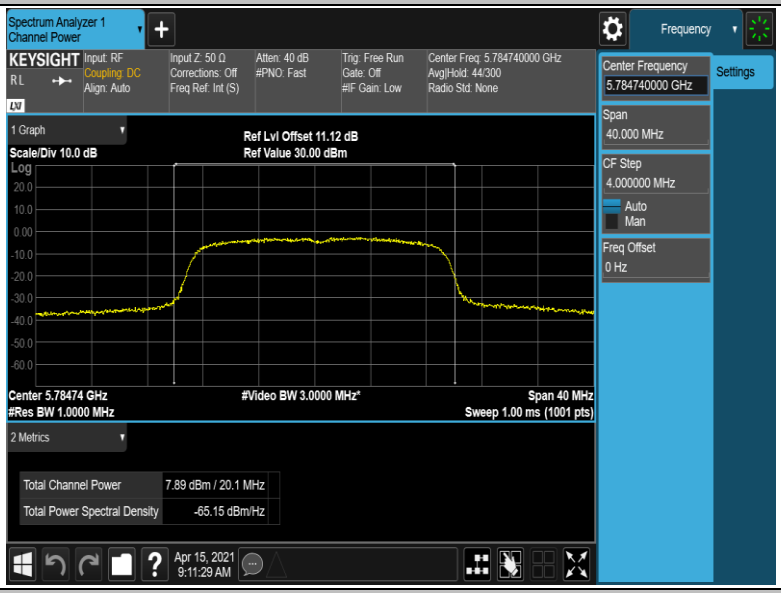

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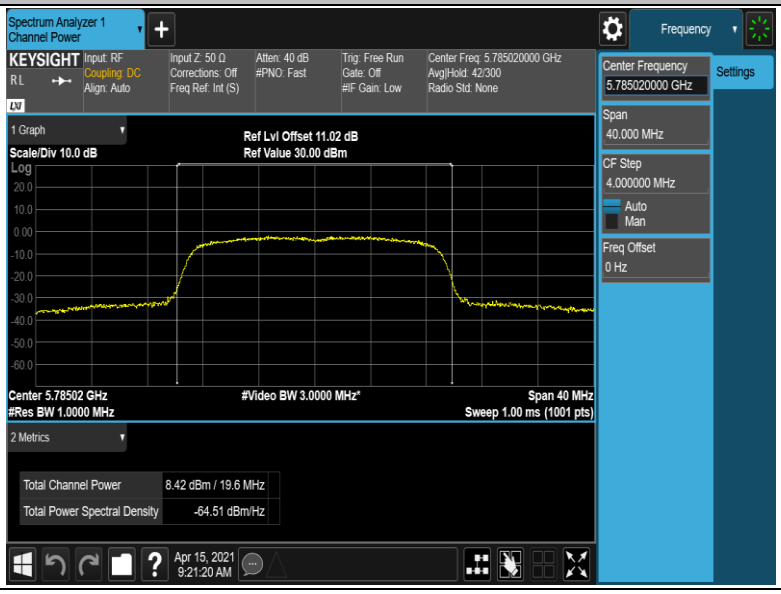

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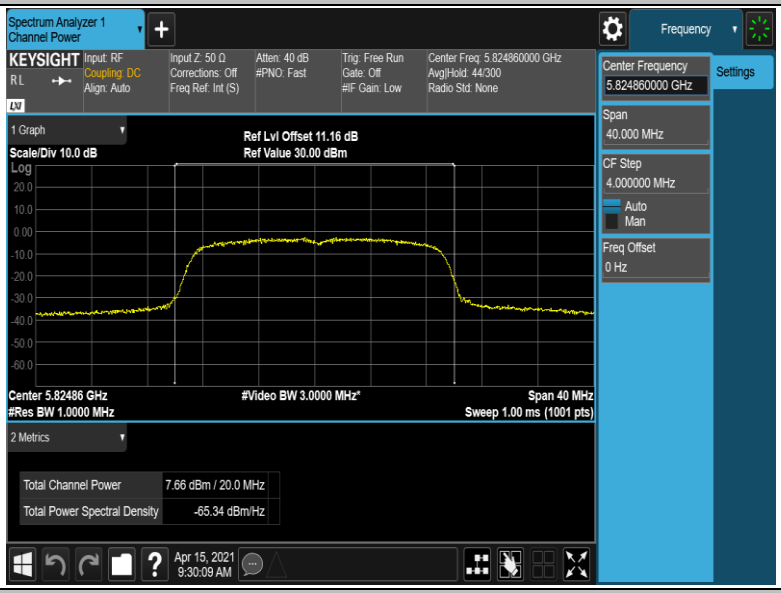

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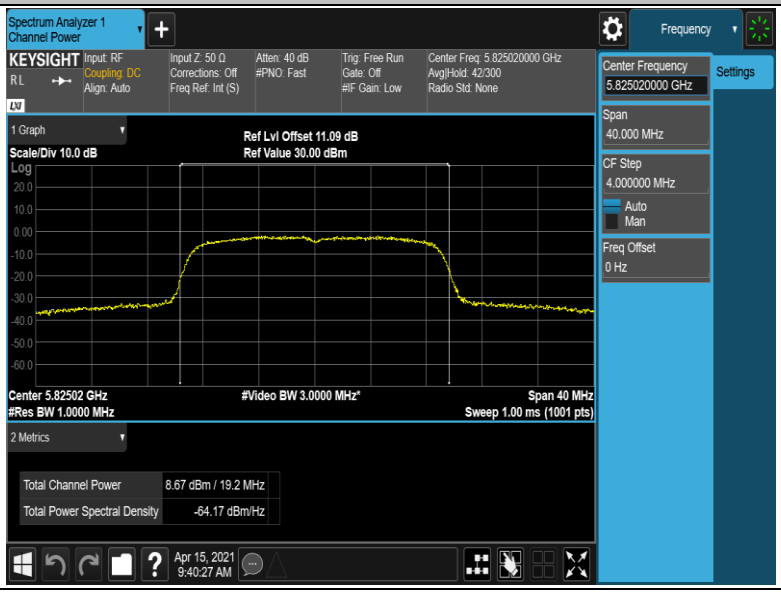

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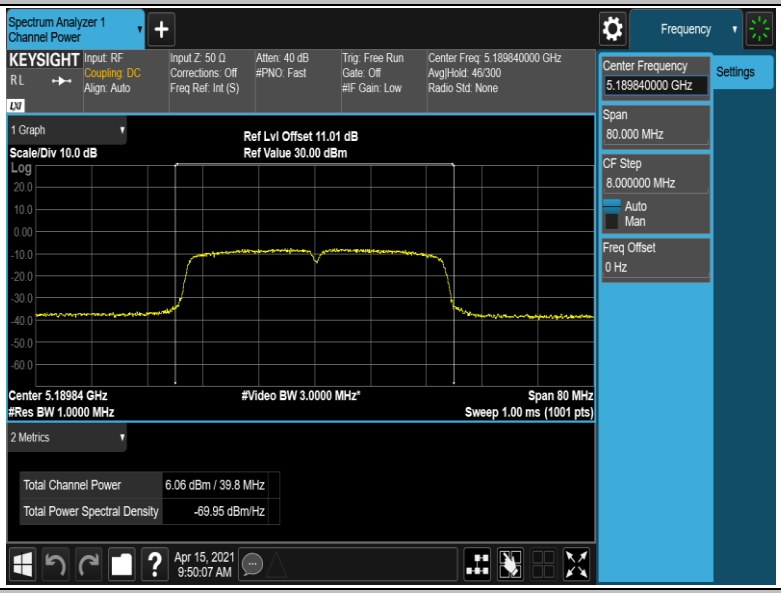

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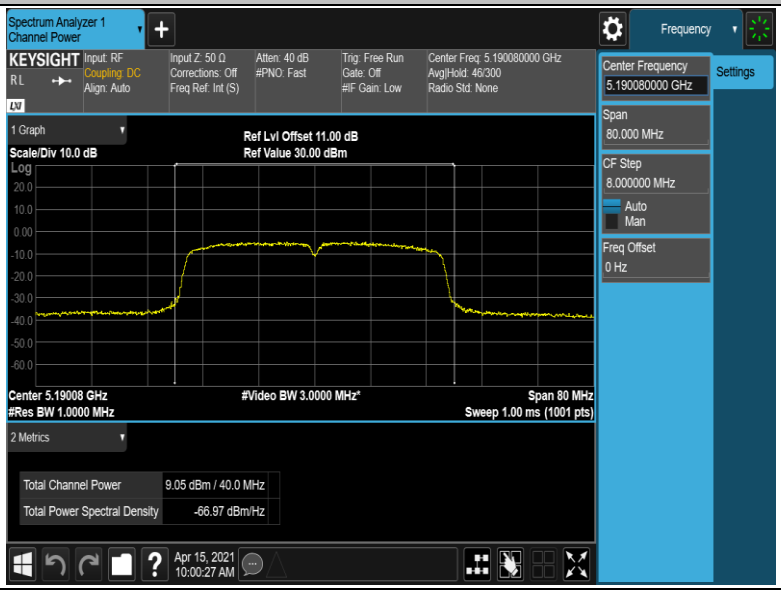

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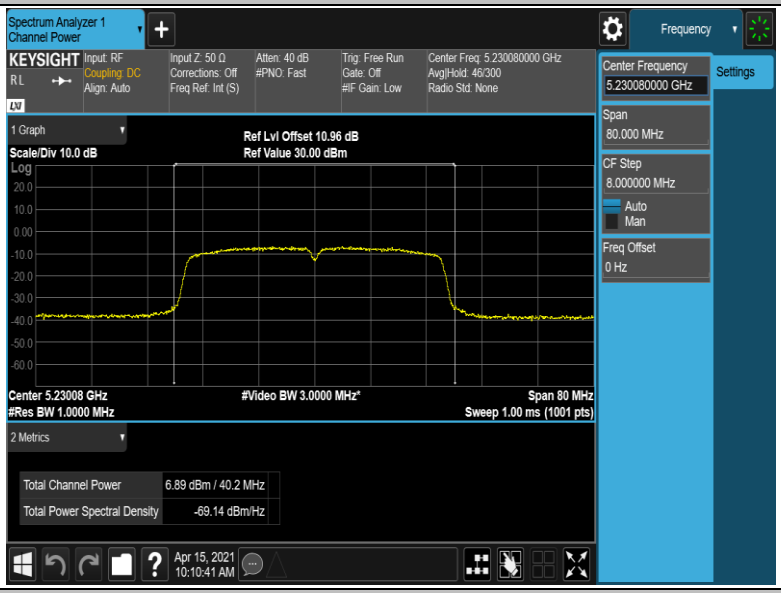

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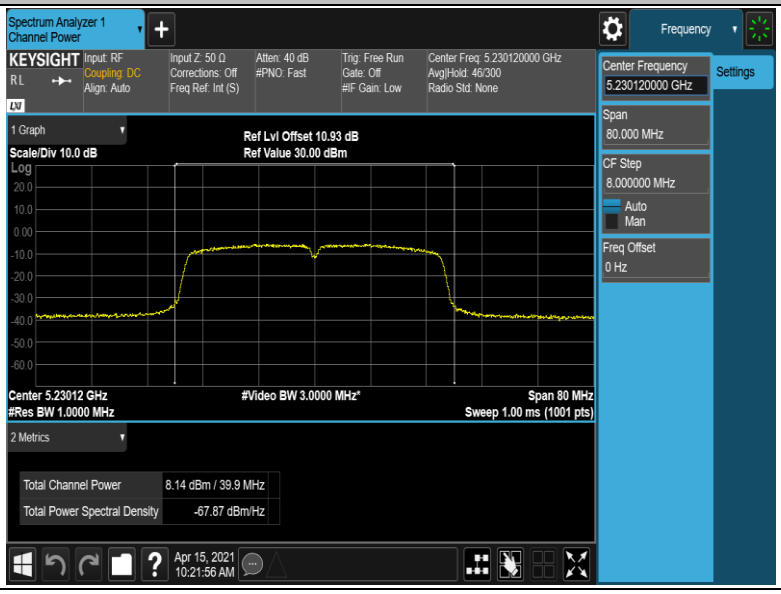

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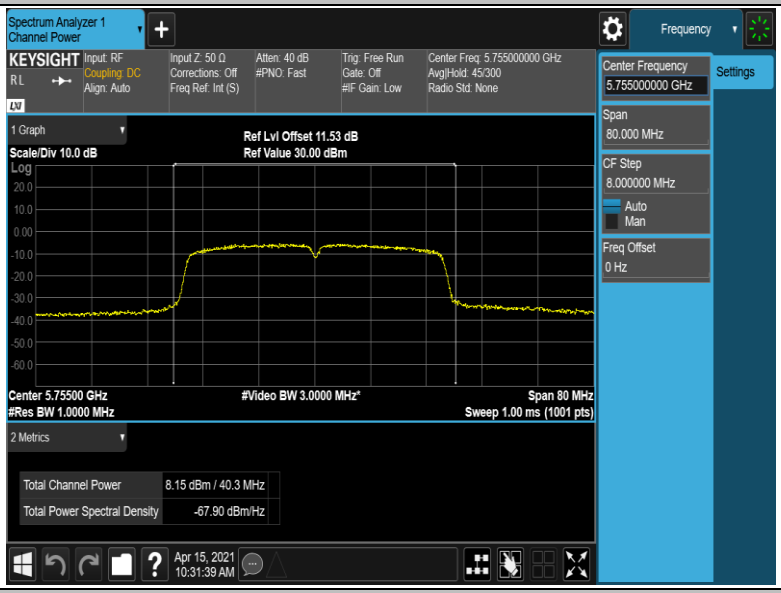

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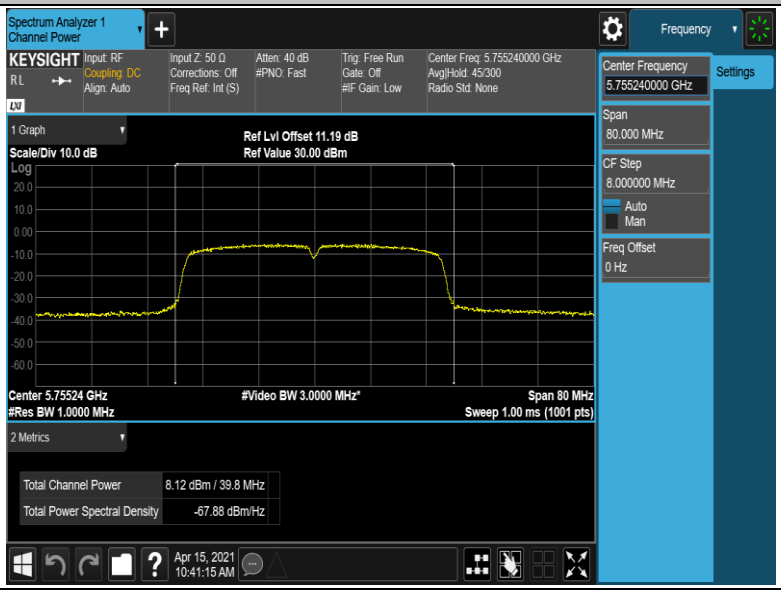

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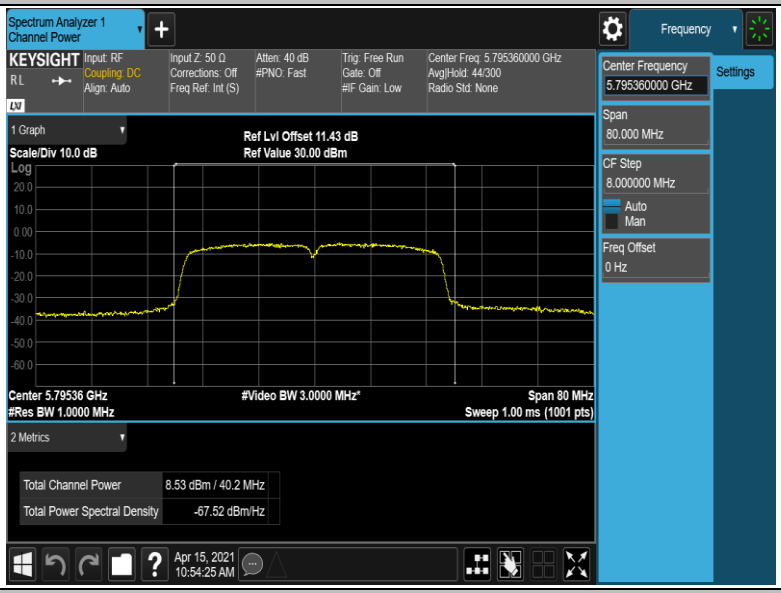

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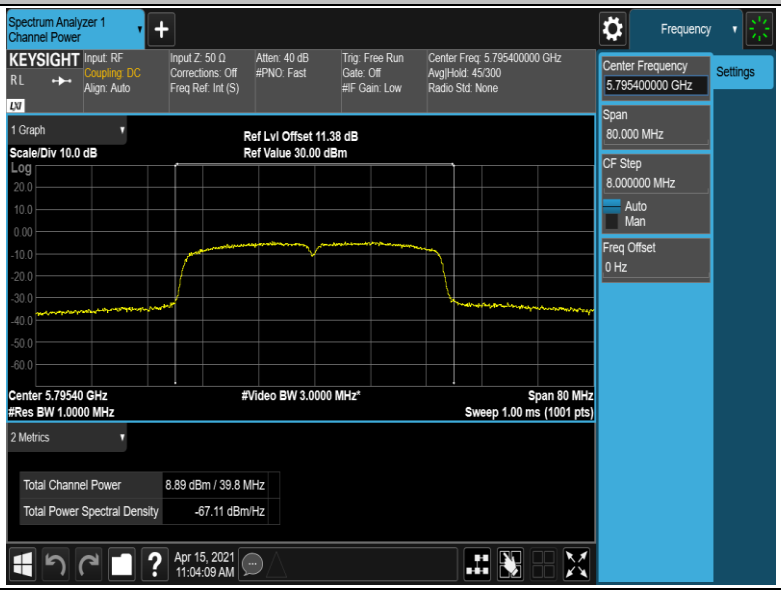

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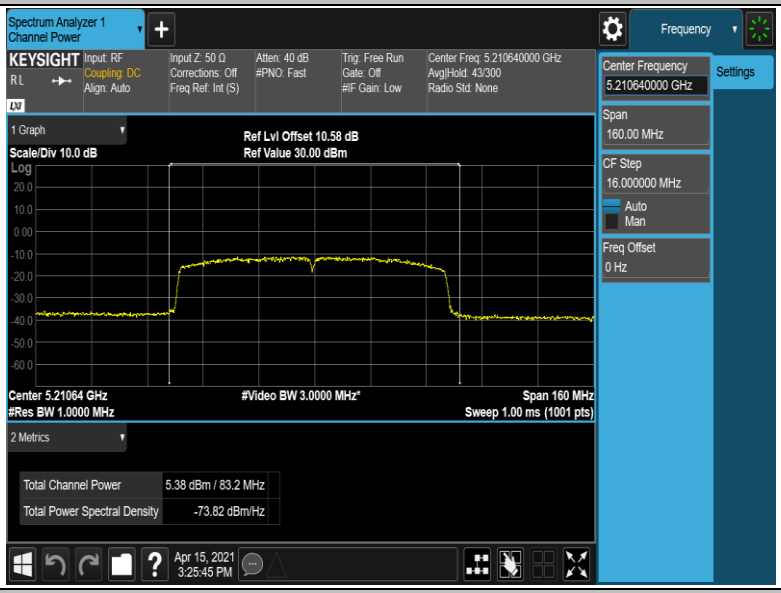

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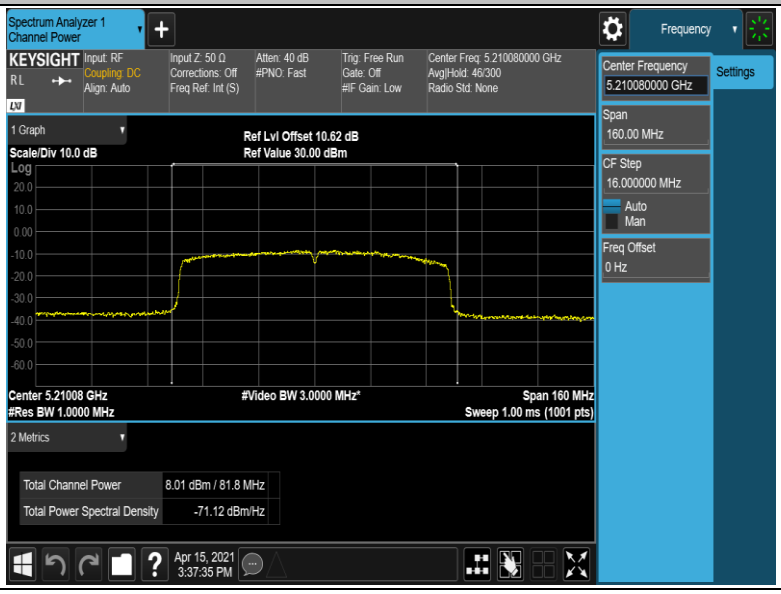

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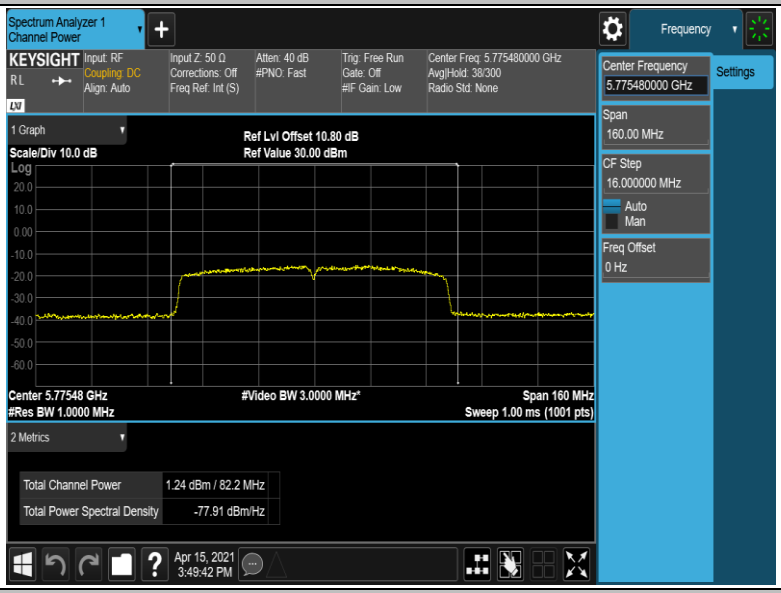

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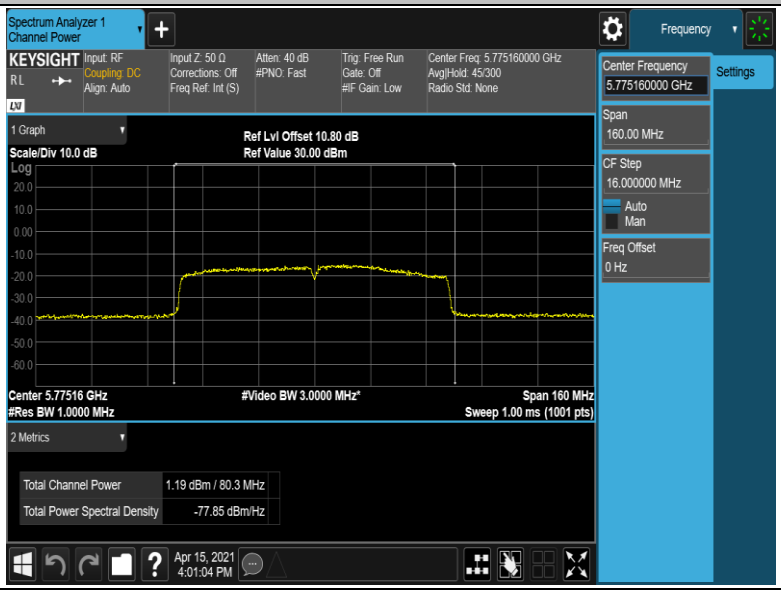


Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.81	≦11	PASS
	Ant2	5180	6.46	≦11	PASS
	Ant1	5200	4.67	≦11	PASS
	Ant2	5200	6.06	≦11	PASS
	Ant1	5240	5.06	≦11	PASS
	Ant2	5240	4.53	≦11	PASS
	Ant1	5745	2.98	≦30	PASS
	Ant2	5745	1.41	≦30	PASS
	Ant1	5785	-2.7	≦30	PASS
	Ant2	5785	2.55	≦30	PASS
	Ant1	5825	2.41	≦30	PASS
	Ant2	5825	2.69	≦30	PASS
11N20SISO	Ant1	5180	3.85	≦11	PASS
	Ant2	5180	6.16	≦11	PASS
	Ant1	5200	4.51	≦11	PASS
	Ant2	5200	5.84	≦11	PASS
	Ant1	5240	5.3	≦11	PASS
	Ant2	5240	4.41	≦11	PASS
	Ant1	5745	-1.97	≦30	PASS
	Ant2	5745	0.69	≦30	PASS
	Ant1	5785	1.87	≦30	PASS
	Ant2	5785	2.84	≦30	PASS
	Ant1	5825	1.96	≦30	PASS
	Ant2	5825	2.84	≦30	PASS
11N40SISO	Ant1	5190	1.9	≦11	PASS
	Ant2	5190	2.9	≦11	PASS
	Ant1	5230	1.94	≦11	PASS
	Ant2	5230	2.03	≦11	PASS
	Ant1	5755	-1.17	≦30	PASS
	Ant2	5755	-1.2	≦30	PASS
	Ant1	5795	-1.75	≦30	PASS
	Ant2	5795	-0.64	≦30	PASS
11N20MIMO	Ant1	5180	-1.26	≦11	PASS
	Ant2	5180	0.65	≦11	PASS
	total	5180	2.81	≦11	PASS
	Ant1	5200	-0.74	≦11	PASS
	Ant2	5200	0.66	≦11	PASS
	total	5200	3.03	≦11	PASS

	Ant1	5240	0.43	≦11	PASS
	Ant2	5240	0.09	≦11	PASS
	total	5240	3.27	≦11	PASS
	Ant1	5745	-0.04	≦30	PASS
	Ant2	5745	0.7	≦30	PASS
	total	5745	3.36	≦30	PASS
	Ant1	5785	1.22	≦30	PASS
	Ant2	5785	1.08	≦30	PASS
	total	5785	4.16	≦30	PASS
	Ant1	5825	0.22	≦30	PASS
	Ant2	5825	1.92	≦30	PASS
	total	5825	4.16	≦30	PASS
11N40MIMO	Ant1	5190	-1.92	≦11	PASS
	Ant2	5190	1.06	≦11	PASS
	total	5190	2.83	≦11	PASS
	Ant1	5230	-1.23	≦11	PASS
	Ant2	5230	-0.03	≦11	PASS
	total	5230	2.42	≦11	PASS
	Ant1	5755	-0.36	≦30	PASS
	Ant2	5755	-2.47	≦30	PASS
	total	5755	1.72	≦30	PASS
	Ant1	5795	-0.67	≦30	PASS
	Ant2	5795	-0.4	≦30	PASS
	total	5795	2.48	≦30	PASS
11AC20SISO	Ant1	5180	3.74	≦11	PASS
	Ant2	5180	6.36	≦11	PASS
	Ant1	5200	4.2	≦11	PASS
	Ant2	5200	5.72	≦11	PASS
	Ant1	5240	4.63	≦11	PASS
	Ant2	5240	4.68	≦11	PASS
	Ant1	5745	0.73	≦30	PASS
	Ant2	5745	1.91	≦30	PASS
	Ant1	5785	1.99	≦30	PASS
	Ant2	5785	3.12	≦30	PASS
	Ant1	5825	1.78	≦30	PASS
	Ant2	5825	2.81	≦30	PASS
11AC40SISO	Ant1	5190	1.14	≦11	PASS
	Ant2	5190	3.22	≦11	PASS
	Ant1	5230	1.08	≦11	PASS
	Ant2	5230	3.01	≦11	PASS
	Ant1	5755	-1.7	≦30	PASS
	Ant2	5755	-0.96	≦30	PASS
	Ant1	5795	-0.89	≦30	PASS

	Ant2	5795	0.32	≦30	PASS
11AC80SISO	Ant1	5210	-0.41	≦11	PASS
	Ant2	5210	0.31	≦11	PASS
	Ant1	5775	-3.79	≦30	PASS
	Ant2	5775	-3.06	≦30	PASS
11AC20MIMO	Ant1	5180	-0.7	≦11	PASS
	Ant2	5180	1.16	≦11	PASS
	total	5180	3.34	≦11	PASS
	Ant1	5200	-0.38	≦11	PASS
	Ant2	5200	0.56	≦11	PASS
	total	5200	3.13	≦11	PASS
	Ant1	5240	0.98	≦11	PASS
	Ant2	5240	0.02	≦11	PASS
	total	5240	3.54	≦11	PASS
	Ant1	5745	-0.83	≦30	PASS
	Ant2	5745	0.01	≦30	PASS
	total	5745	2.62	≦30	PASS
	Ant1	5785	1.34	≦30	PASS
	Ant2	5785	0.76	≦30	PASS
	total	5785	4.07	≦30	PASS
	Ant1	5825	0.19	≦30	PASS
	Ant2	5825	1.55	≦30	PASS
	total	5825	3.93	≦30	PASS
11AC40MIMO	Ant1	5190	-2.28	≦11	PASS
	Ant2	5190	0.41	≦11	PASS
	total	5190	2.28	≦11	PASS
	Ant1	5230	-1.73	≦11	PASS
	Ant2	5230	-0.36	≦11	PASS
	total	5230	2.02	≦11	PASS
	Ant1	5755	-1.68	≦30	PASS
	Ant2	5755	-1.86	≦30	PASS
	total	5755	1.24	≦30	PASS
	Ant1	5795	-1.92	≦30	PASS
	Ant2	5795	-1.51	≦30	PASS
	total	5795	1.30	≦30	PASS
11AC80MIMO	Ant1	5210	-4.35	≦11	PASS
	Ant2	5210	-2.6	≦11	PASS
	total	5210	-0.38	≦11	PASS
	Ant1	5775	-11.58	≦30	PASS
	Ant2	5775	-11.73	≦30	PASS
	total	5775	-8.64	≦30	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

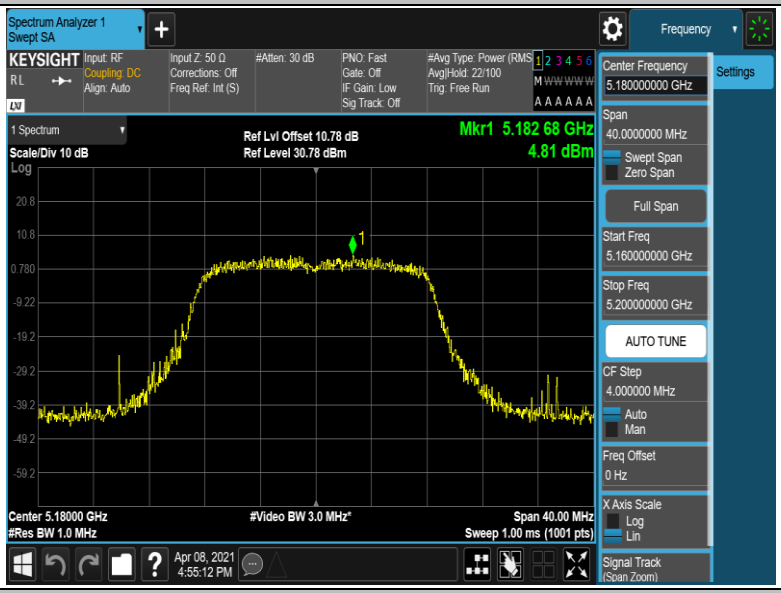
TestMode	Antenna	Channel	e.i.r.p.PSD Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.81	≦10	PASS
	Ant2	5180	9.46	≦10	PASS
	Ant1	5200	7.67	≦10	PASS
	Ant2	5200	9.06	≦10	PASS
	Ant1	5240	8.06	≦10	PASS
	Ant2	5240	7.53	≦10	PASS
11N20SISO	Ant1	5180	6.85	≦10	PASS
	Ant2	5180	9.16	≦10	PASS
	Ant1	5200	7.51	≦10	PASS
	Ant2	5200	8.84	≦10	PASS
	Ant1	5240	8.3	≦10	PASS
	Ant2	5240	7.41	≦10	PASS
11N40SISO	Ant1	5190	4.9	≦10	PASS
	Ant2	5190	5.9	≦10	PASS
	Ant1	5230	4.94	≦10	PASS
	Ant2	5230	5.03	≦10	PASS
11N20MIMO	Ant1	5180	1.74	≦10	PASS
	Ant2	5180	3.65	≦10	PASS
	total	5180	8.81	≦10	PASS
	Ant1	5200	2.26	≦10	PASS
	Ant2	5200	3.66	≦10	PASS
	total	5200	9.03	≦10	PASS
	Ant1	5240	3.43	≦10	PASS
	Ant2	5240	3.09	≦10	PASS
	total	5240	9.27	≦10	PASS
11N40MIMO	Ant1	5190	1.08	≦10	PASS
	Ant2	5190	4.06	≦10	PASS
	total	5190	8.83	≦10	PASS
	Ant1	5230	1.77	≦10	PASS
	Ant2	5230	2.97	≦10	PASS
	total	5230	8.42	≦10	PASS
11AC20SISO	Ant1	5180	6.74	≦10	PASS
	Ant2	5180	9.36	≦10	PASS
	Ant1	5200	7.2	≦10	PASS
	Ant2	5200	8.72	≦10	PASS
	Ant1	5240	7.63	≦10	PASS
	Ant2	5240	7.68	≦10	PASS
11AC40SISO	Ant1	5190	4.14	≦10	PASS

	Ant2	5190	6.22	≦10	PASS
	Ant1	5230	4.08	≦10	PASS
	Ant2	5230	6.01	≦10	PASS
11AC80SISO	Ant1	5210	2.59	≦10	PASS
	Ant2	5210	3.31	≦10	PASS
11AC20MIMO	Ant1	5180	2.3	≦10	PASS
	Ant2	5180	4.16	≦10	PASS
	total	5180	9.34	≦10	PASS
	Ant1	5200	2.62	≦10	PASS
	Ant2	5200	3.56	≦10	PASS
	total	5200	9.13	≦10	PASS
	Ant1	5240	3.98	≦10	PASS
	Ant2	5240	3.02	≦10	PASS
	total	5240	9.54	≦10	PASS
11AC40MIMO	Ant1	5190	0.72	≦10	PASS
	Ant2	5190	3.41	≦10	PASS
	total	5190	8.28	≦10	PASS
	Ant1	5230	1.27	≦10	PASS
	Ant2	5230	2.64	≦10	PASS
	total	5230	8.02	≦10	PASS
11AC80MIMO	Ant1	5210	-1.35	≦10	PASS
	Ant2	5210	0.4	≦10	PASS
	total	5210	5.62	≦10	PASS

Note：1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5180



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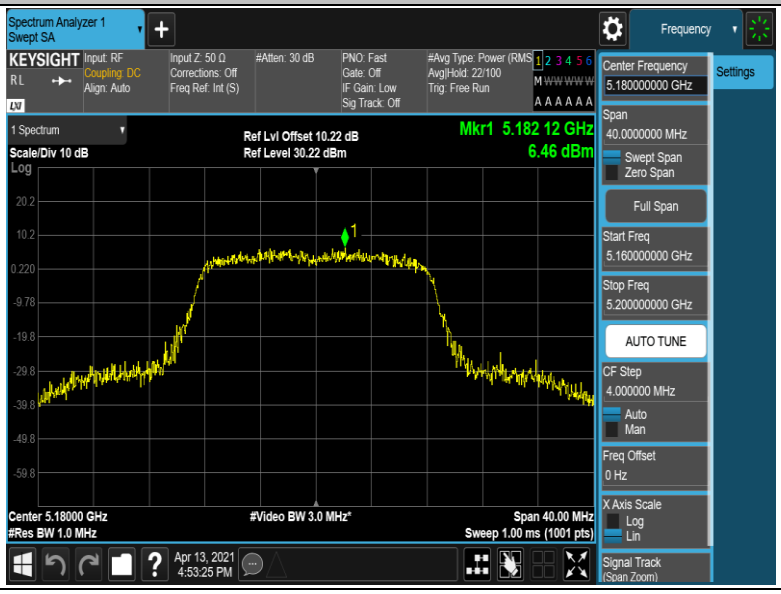

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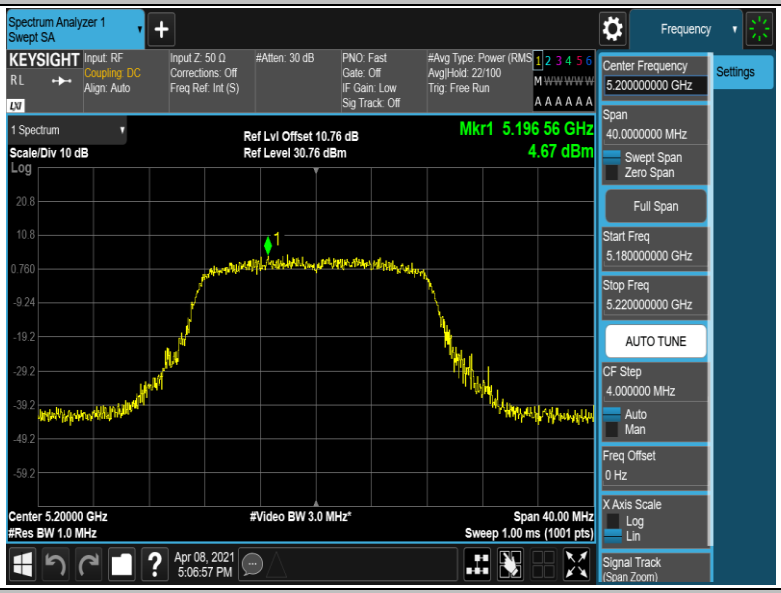

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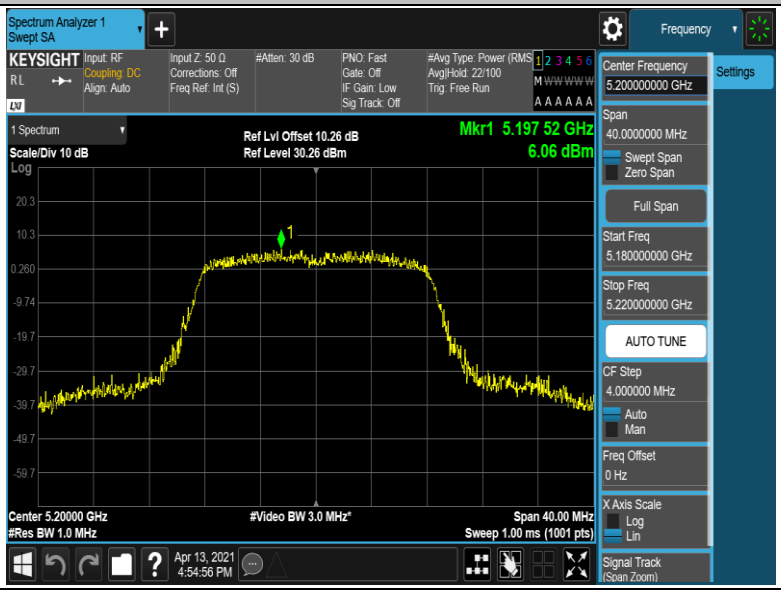

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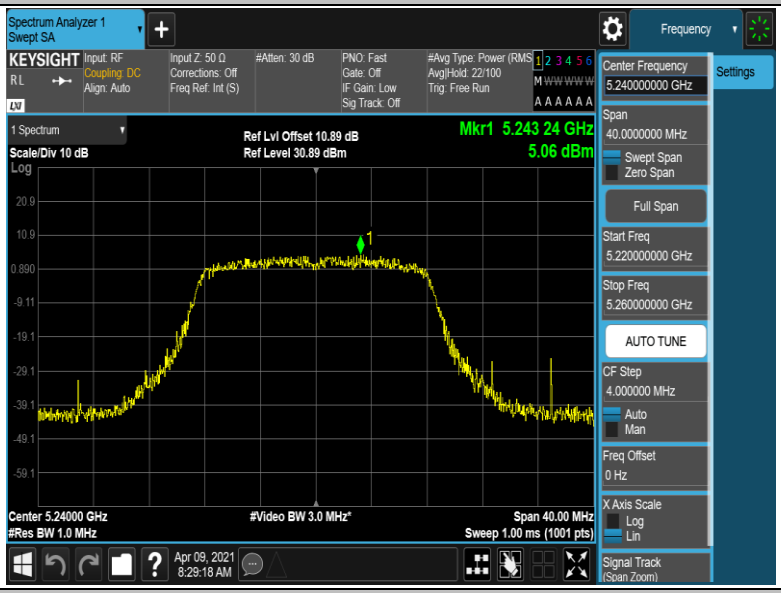

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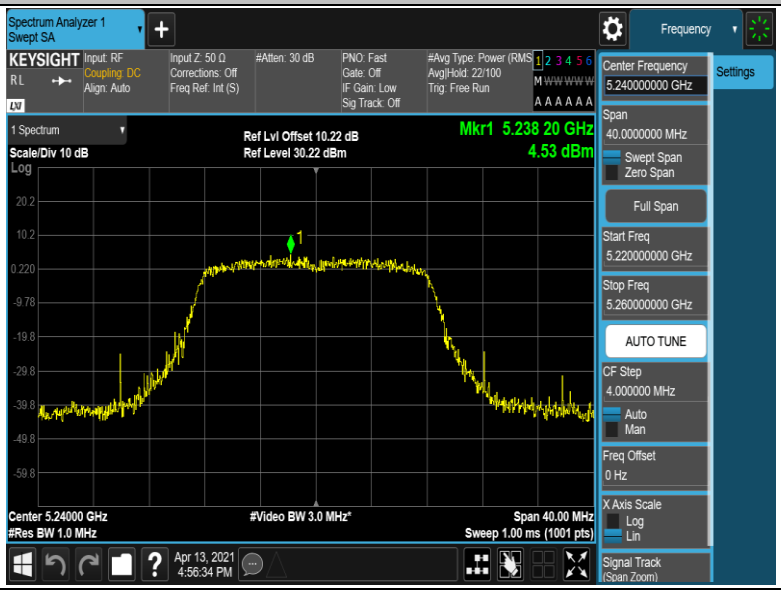

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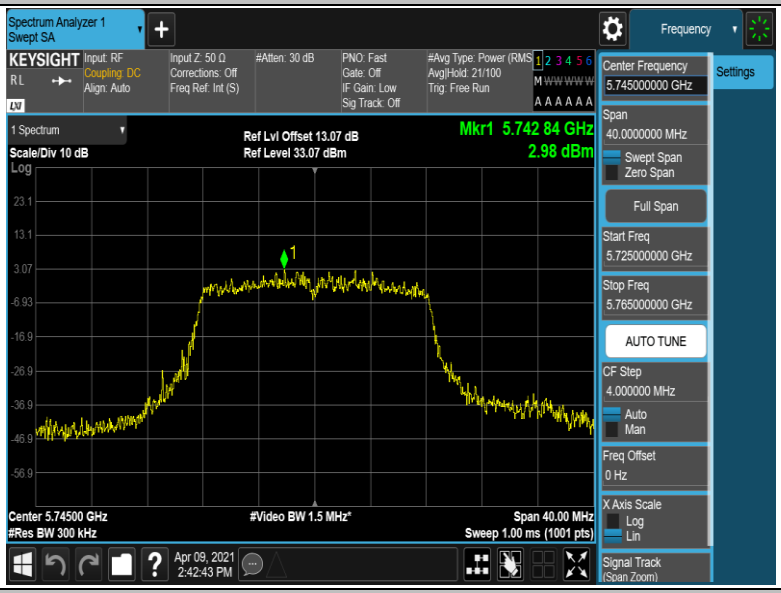

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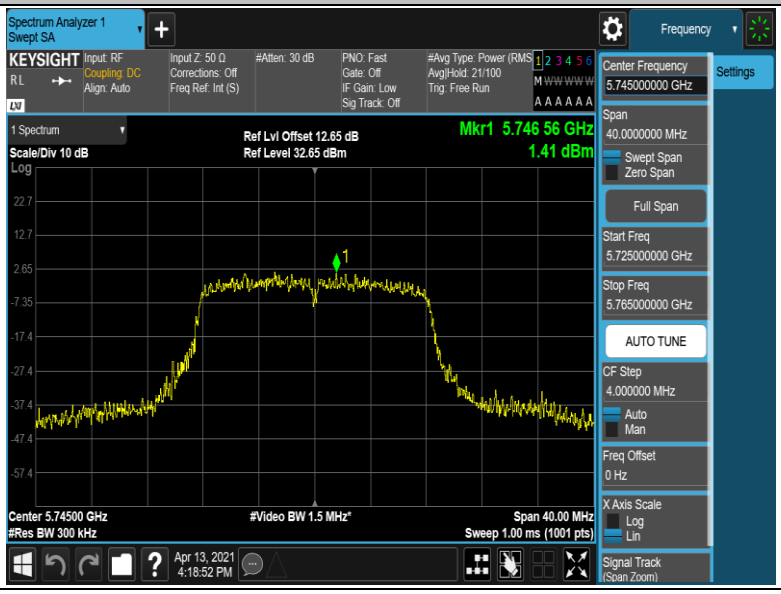

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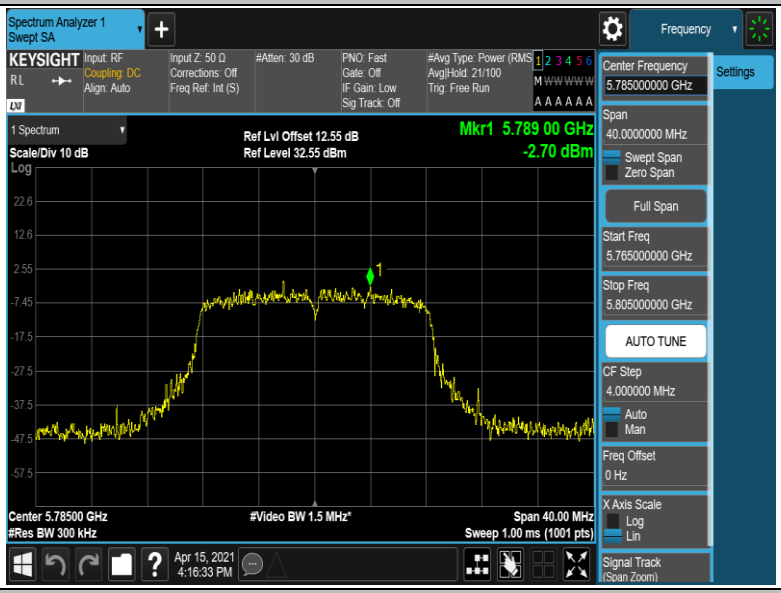

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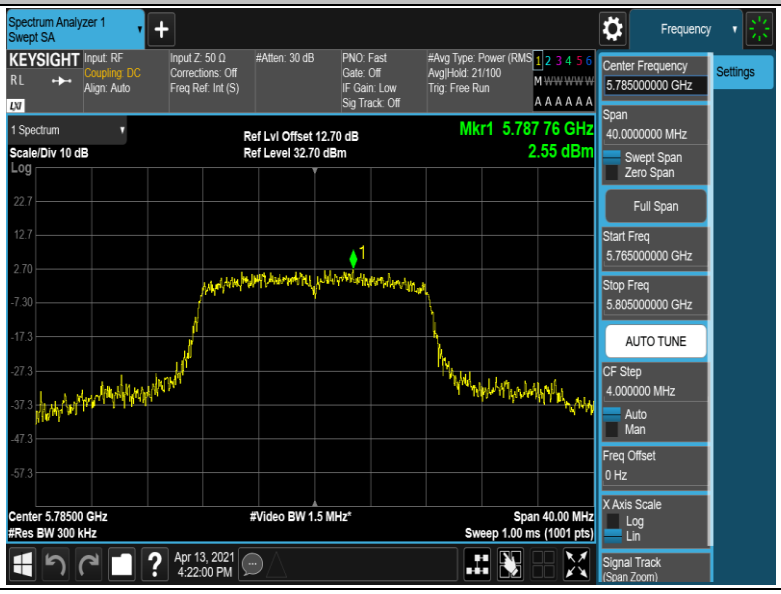

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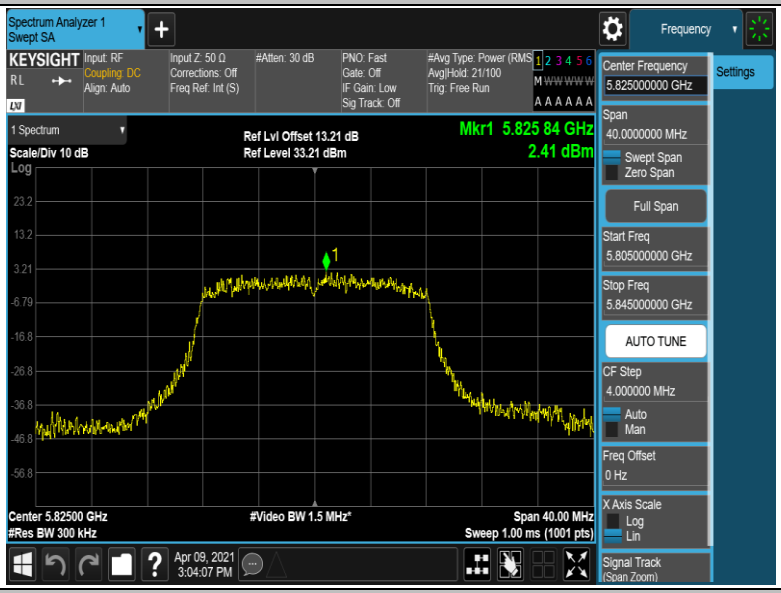

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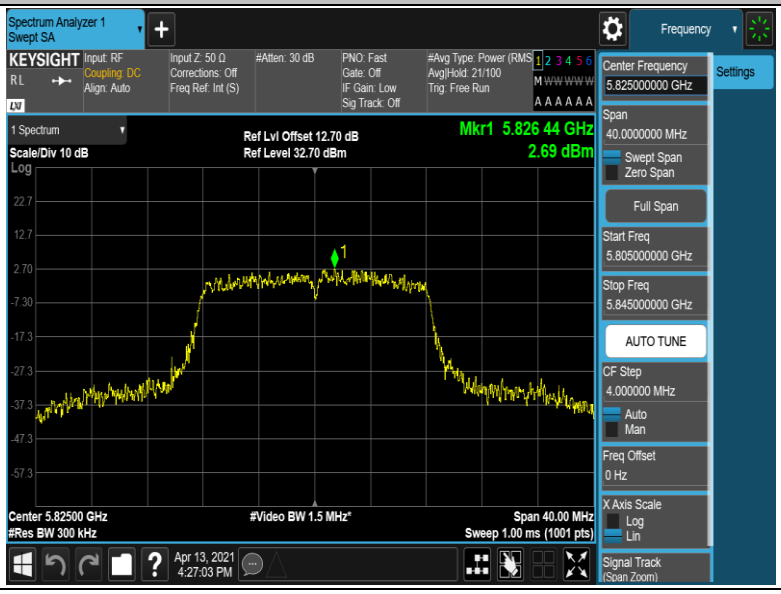

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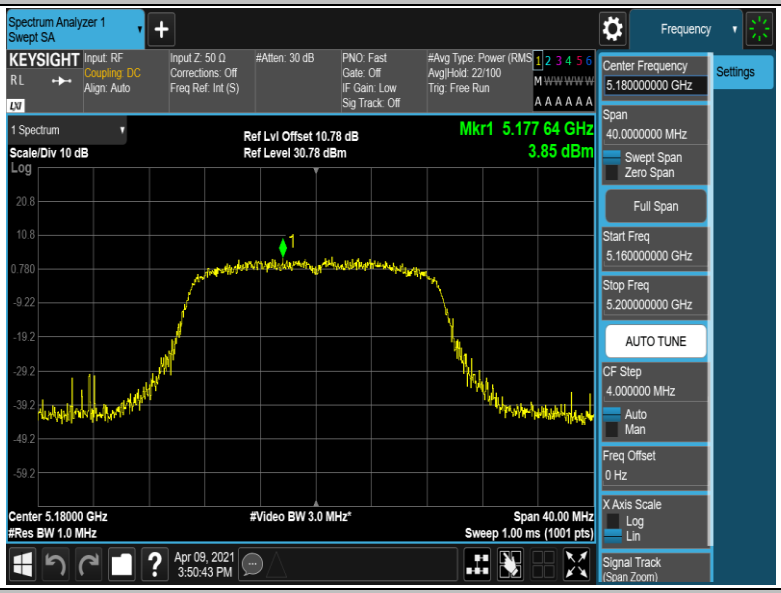

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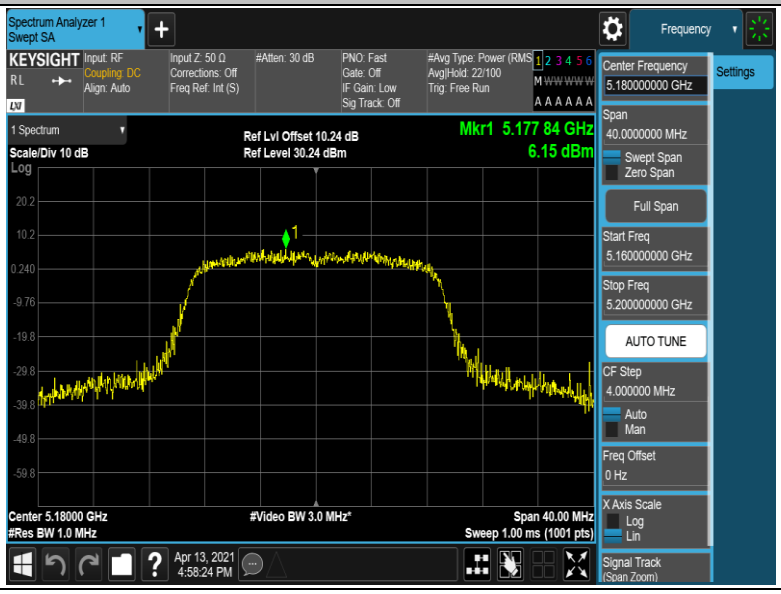

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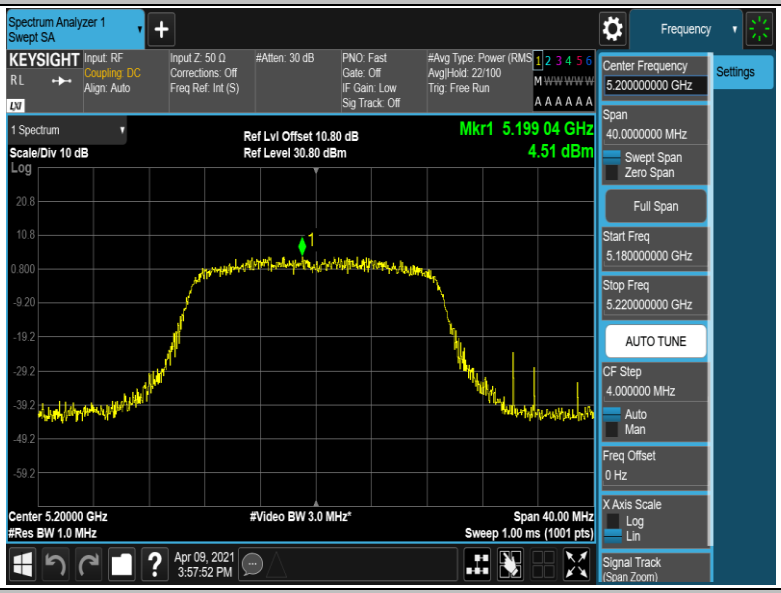

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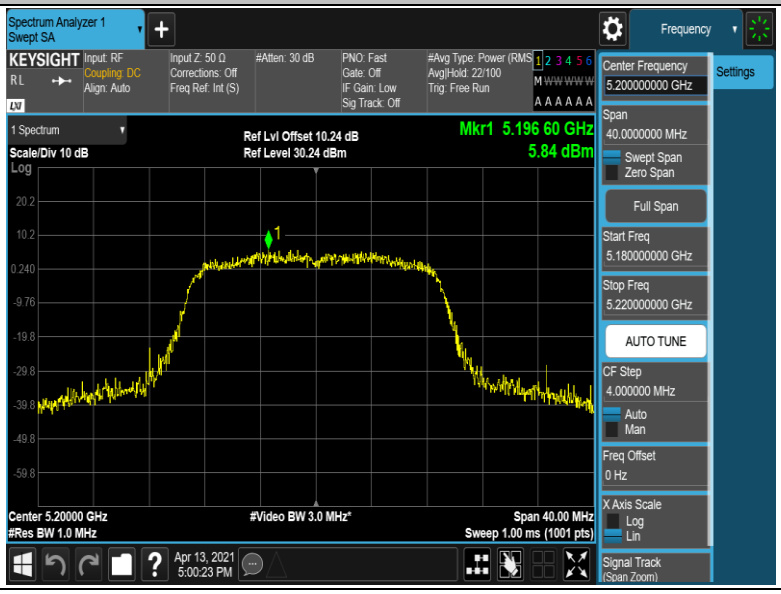

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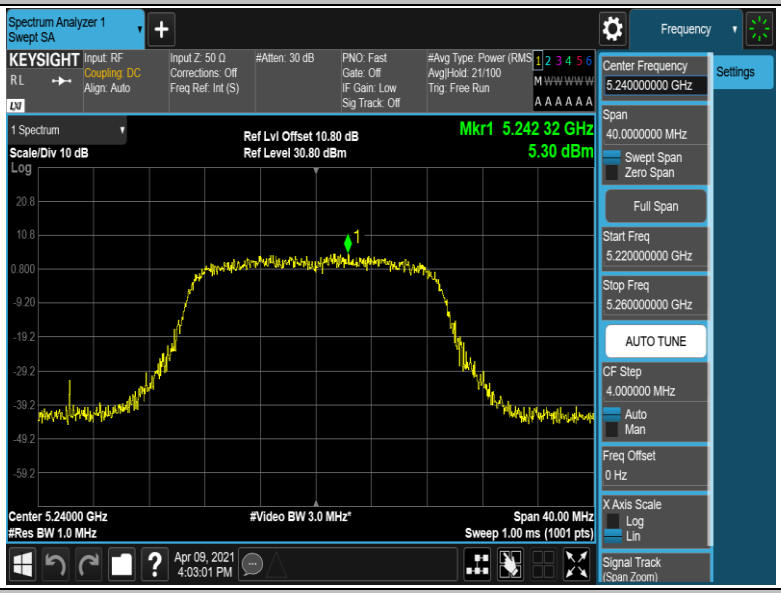

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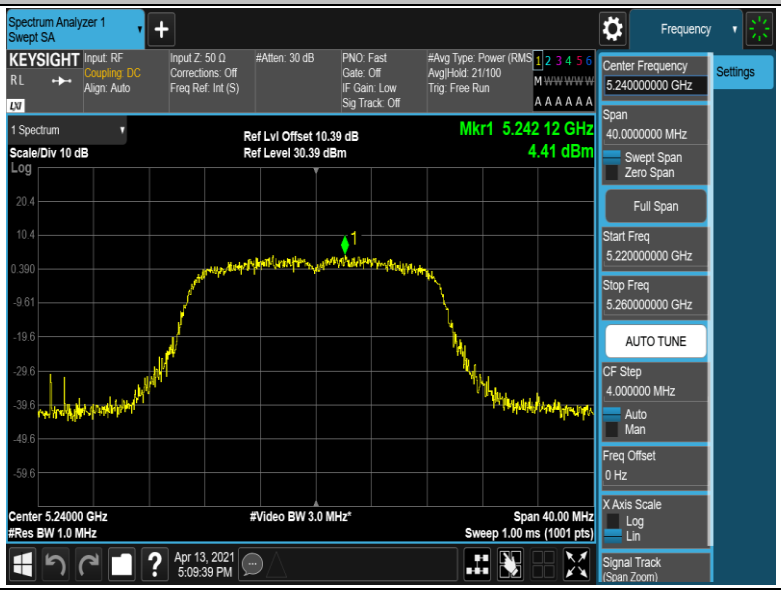

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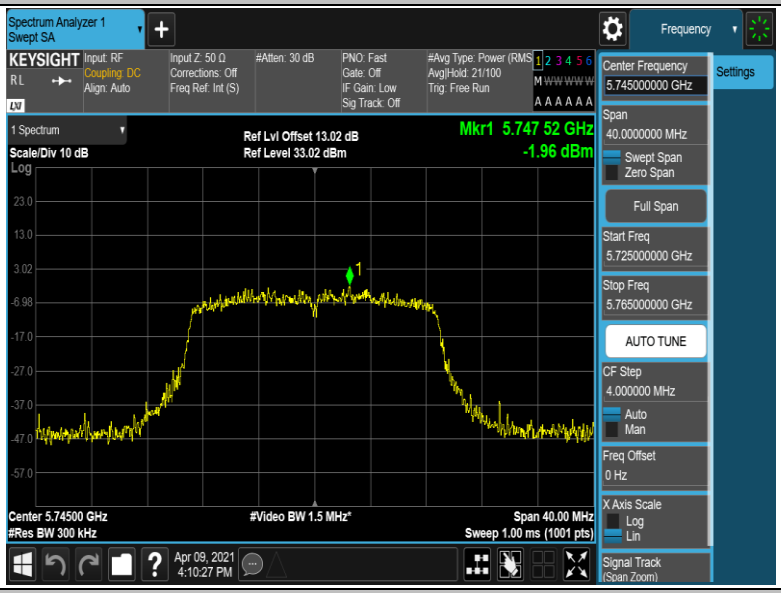

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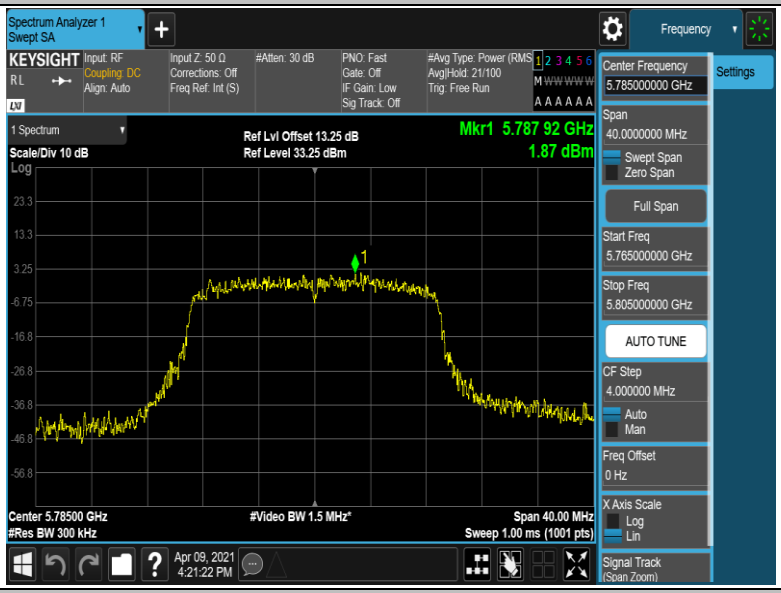

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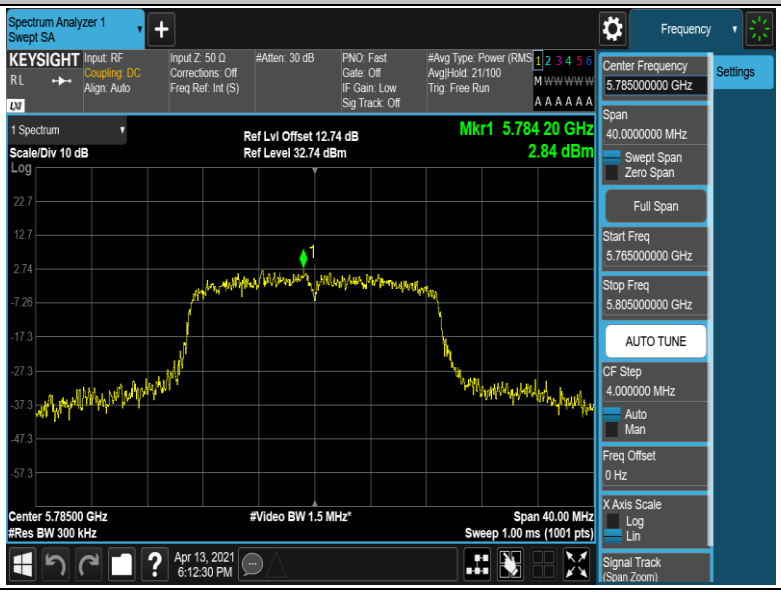

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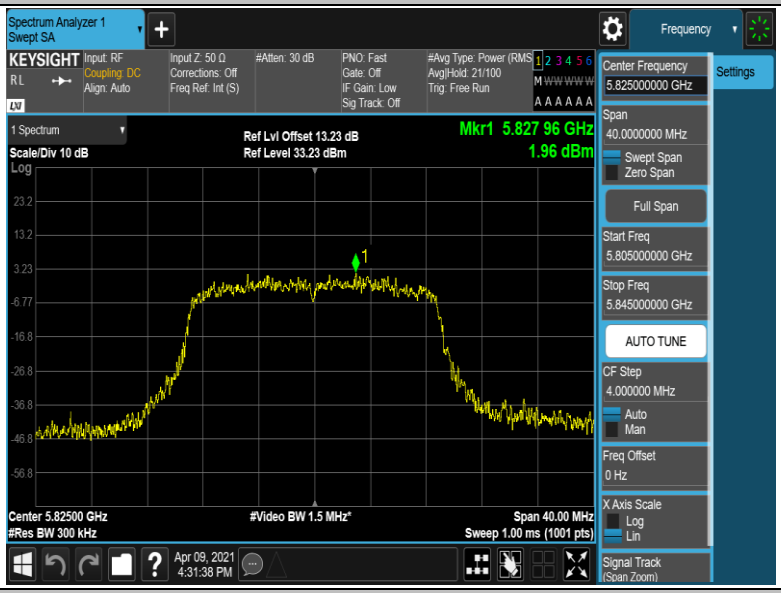

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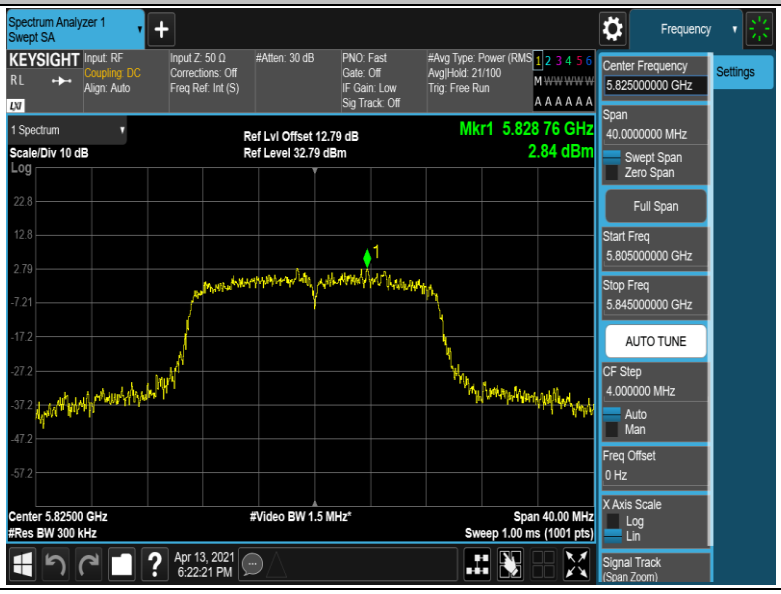

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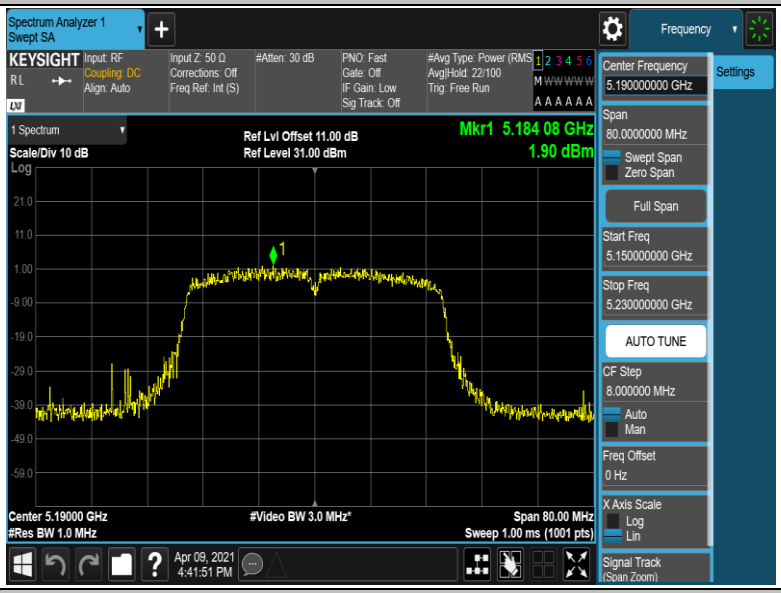

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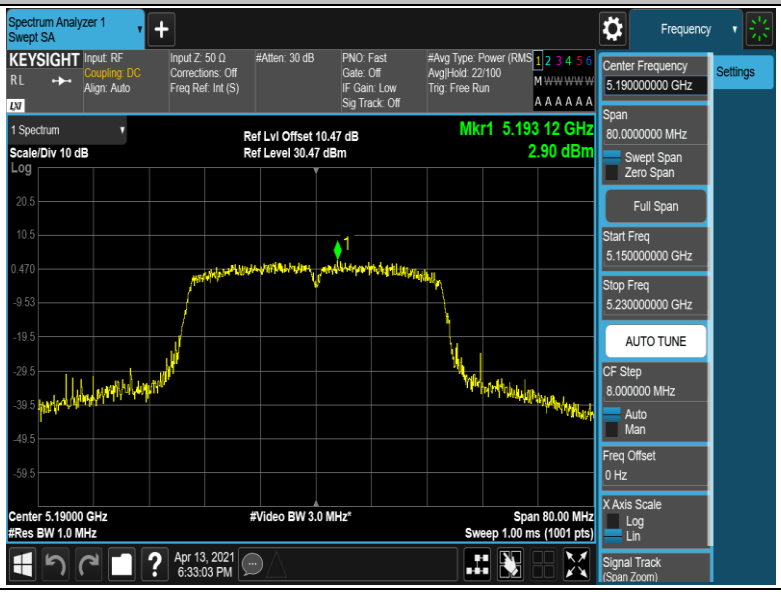

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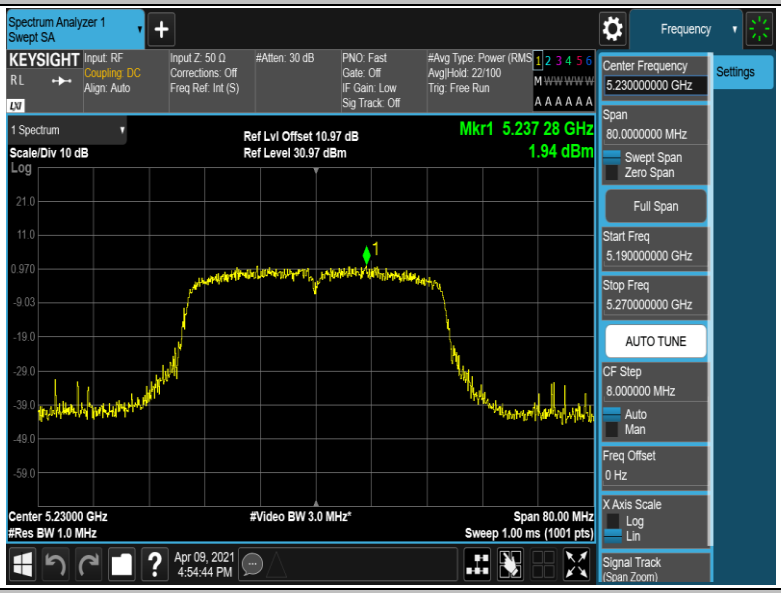

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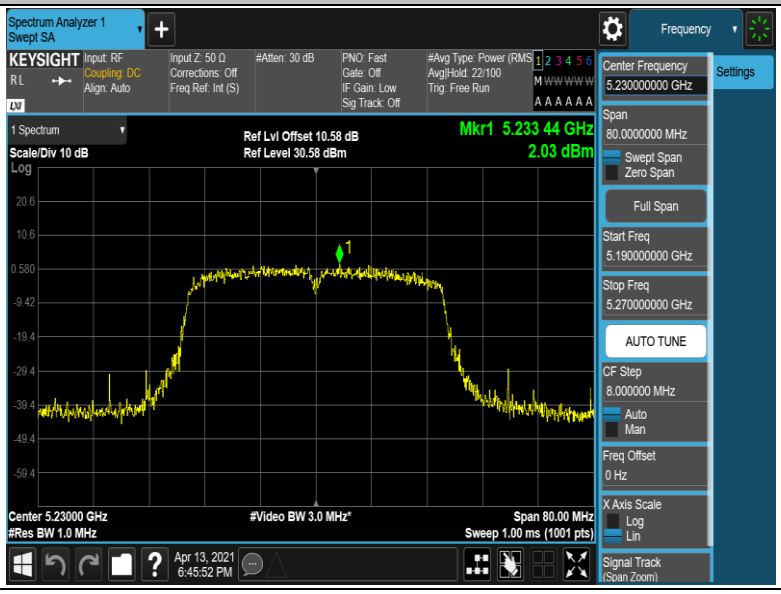

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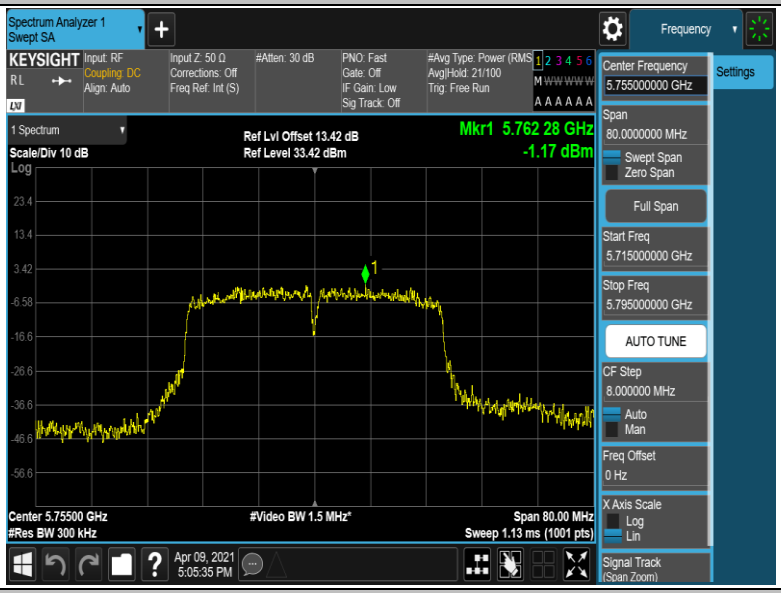

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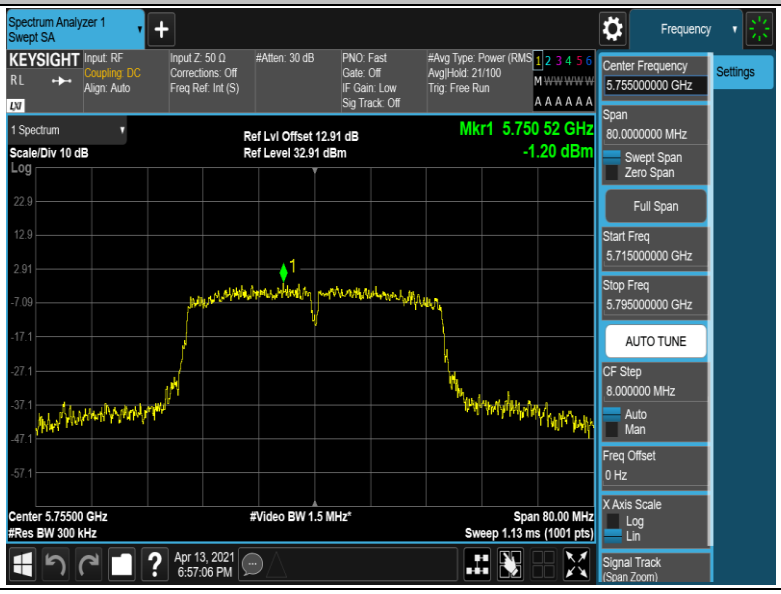

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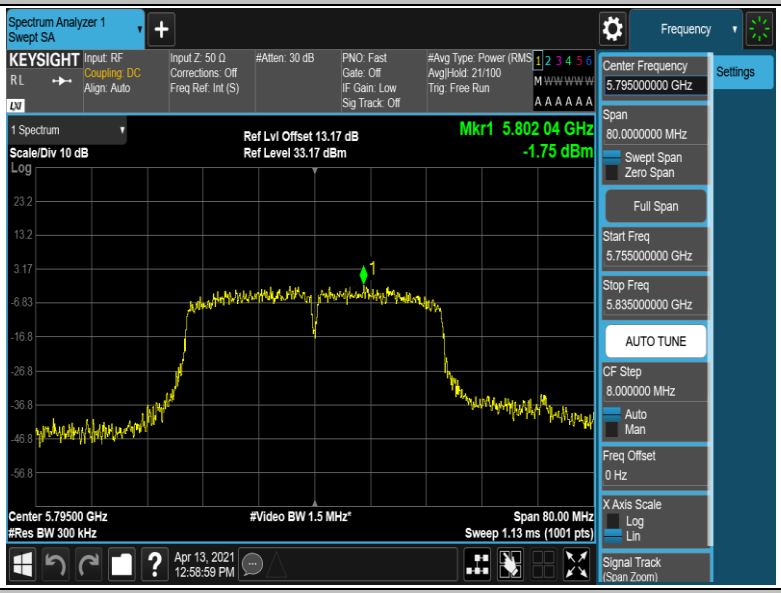

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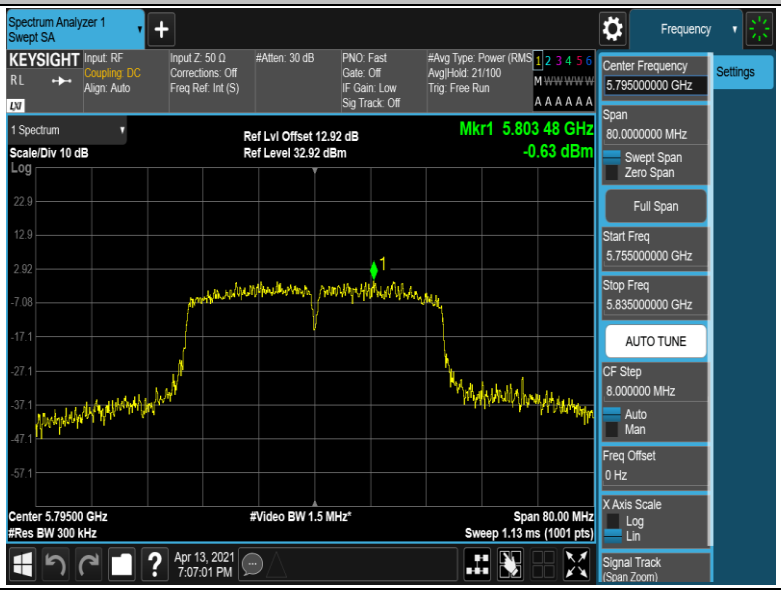

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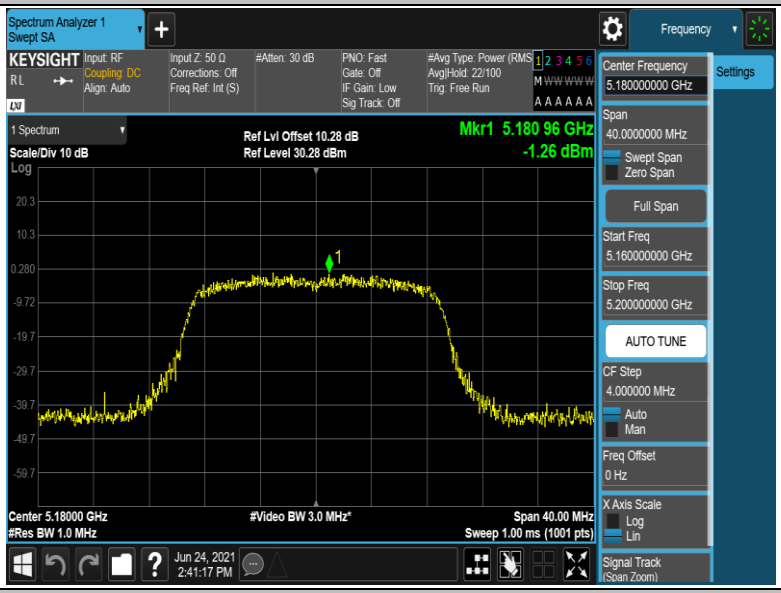
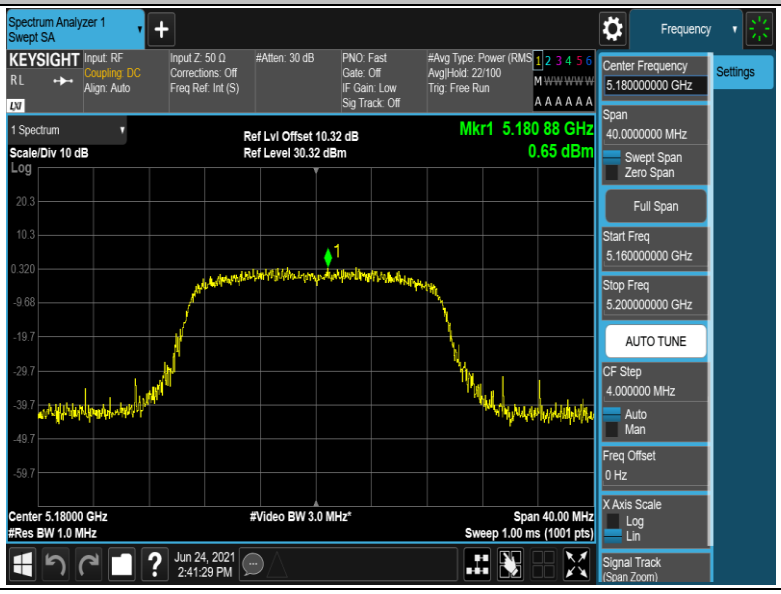
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