

	Ant2	5825	MCS0	0.13	-3.67dBm/300kHz	-1.32dBm/500kHz	≤28.84dBm/500kHz	PASS
	total	5825	MCS0	/	/	1.96dBm/500kHz	≤26.05dBm/500kHz	PASS
11N40MIMO	Ant1	5755	MCS0	0.26	-5.93dBm/300kHz	-3.45dBm/MHz	≤29.29dBm/500kHz	PASS
	Ant2	5755	MCS0	0.26	-6.48dBm/300kHz	-4.00dBm/MHz	≤28.84dBm/500kHz	PASS
	total	5755	MCS0	/	/	-0.71dBm/MHz	≤26.05dBm/500kHz	PASS
	Ant1	5795	MCS0	0.32	-6.01dBm/300kHz	-3.47dBm/MHz	≤29.29dBm/500kHz	PASS
	Ant2	5795	MCS0	0.32	-7.15dBm/300kHz	-4.61dBm/MHz	≤28.84dBm/500kHz	PASS
	total	5795	MCS0	/	/	-0.97dBm/MHz	≤26.05dBm/500kHz	PASS
11AC20MIMO	Ant1	5745	MCS0	0.25	-2.66dBm/300kHz	-0.19dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5745	MCS0	0.31	-3.67dBm/300kHz	-1.14dBm/500kHz	≤28.84dBm/500kHz	PASS
	total	5745	MCS0	/	/	2.38dBm/500kHz	≤26.05dBm/500kHz	PASS
	Ant1	5785	MCS0	0.25	-3.17dBm/300kHz	-0.70dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5785	MCS0	0.31	-3.57dBm/300kHz	-1.04dBm/500kHz	≤28.84dBm/500kHz	PASS
	total	5785	MCS0	/	/	2.15dBm/500kHz	≤26.05dBm/500kHz	PASS
	Ant1	5825	MCS0	0.25	-3.38dBm/300kHz	-0.91dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5825	MCS0	0.31	-3.78dBm/300kHz	-1.25dBm/500kHz	≤28.84dBm/500kHz	PASS
11AC40MIMO	total	5825	MCS0	/	/	1.93dBm/500kHz	≤26.05dBm/500kHz	PASS
	Ant1	5755	MCS0	0.58	-9.94dBm/300kHz	-7.14dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5755	MCS0	0.58	-5.2dBm/300kHz	-2.40dBm/500kHz	≤28.84dBm/500kHz	PASS
	total	5755	MCS0	/	/	-1.08dBm/500kHz	≤26.05dBm/500kHz	PASS
	Ant1	5795	MCS0	0.47	-9.11dBm/300kHz	-6.42dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5795	MCS0	0.47	-4.73dBm/300kHz	-2.04dBm/500kHz	≤28.84dBm/500kHz	PASS
11AC80MIMO	total	5795	MCS0	/	/	-0.66dBm/500kHz	≤26.05dBm/500kHz	PASS
	Ant1	5775	MCS0	0.83	-13.84dBm/300kHz	-10.79dBm/500kHz	≤29.29dBm/500kHz	PASS
	Ant2	5775	MCS0	1.06	-10.79dBm/300kHz	-7.51dBm/500kHz	≤28.84dBm/500kHz	PASS
	total	5775	MCS0	/	/	-5.85dBm/500kHz	≤26.05dBm/500kHz	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 have been compensated in the Test Result using the formula below:

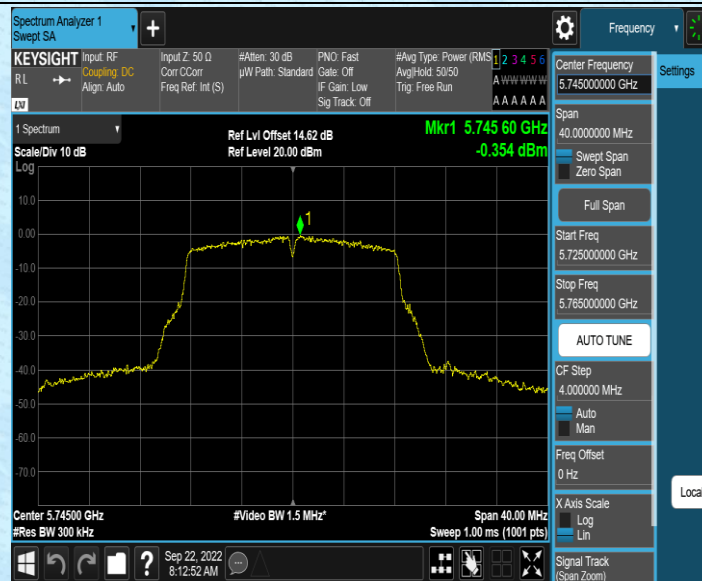
Result=PSD+10log(1/x),PSD is measured value in dBm/MHz,and x is Duty Cycle in %.

PSD(dBm/500kHz)=PSD(dBm/300kHz)+10log(500kHz/300kHz)=2.22.

3.The multi-antenna gain has been obtained from the gain conversion of antenna 1 and antenna 2..

4.Part 15.407 explains that the maximum power spectral density limit remains unchanged when the antenna gain is less than 6dBi, and the final limit is obtained by subtracting the greater part from the maximum power spectral density when the antenna gain is greater than 6dBi.

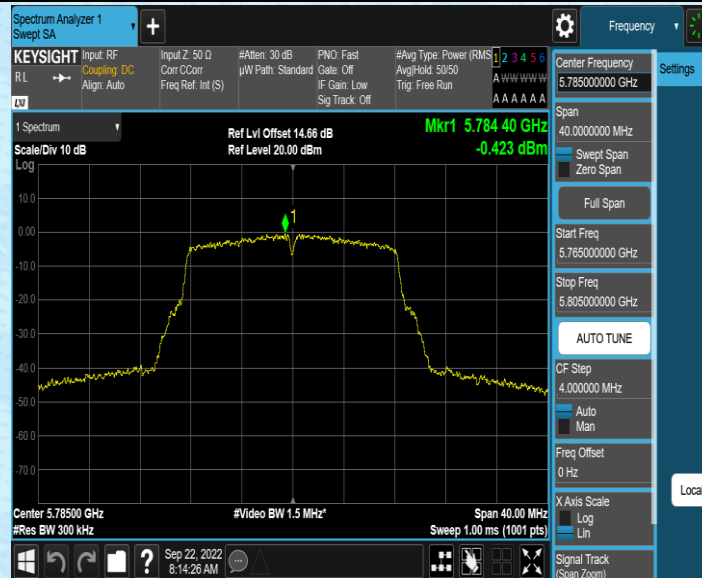
Test Graphs



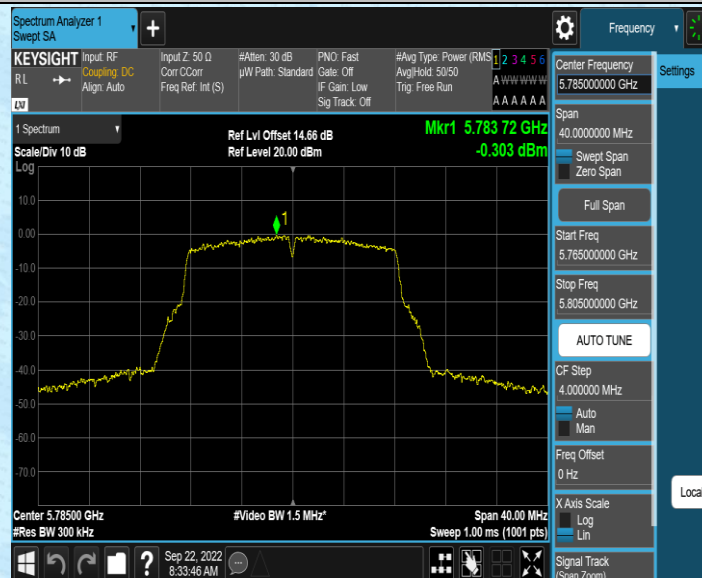
11A_Ant1_5745



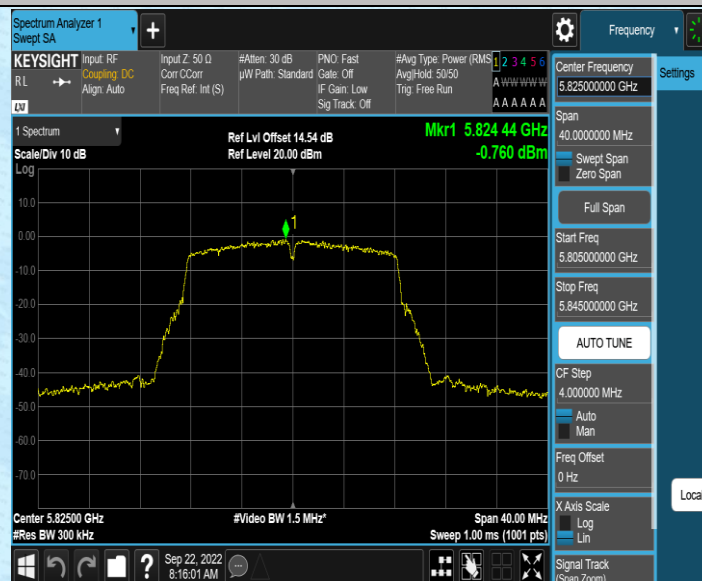
11A_Ant2_5745



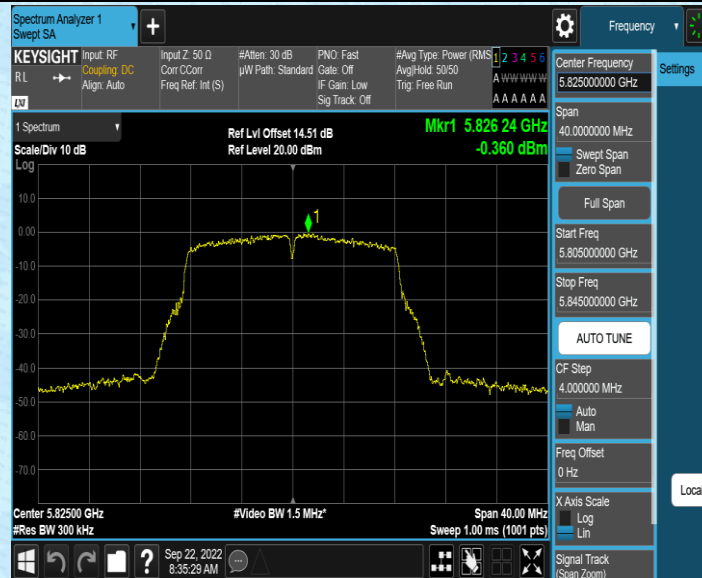
11A_Ant1_5785



11A_Ant2_5785



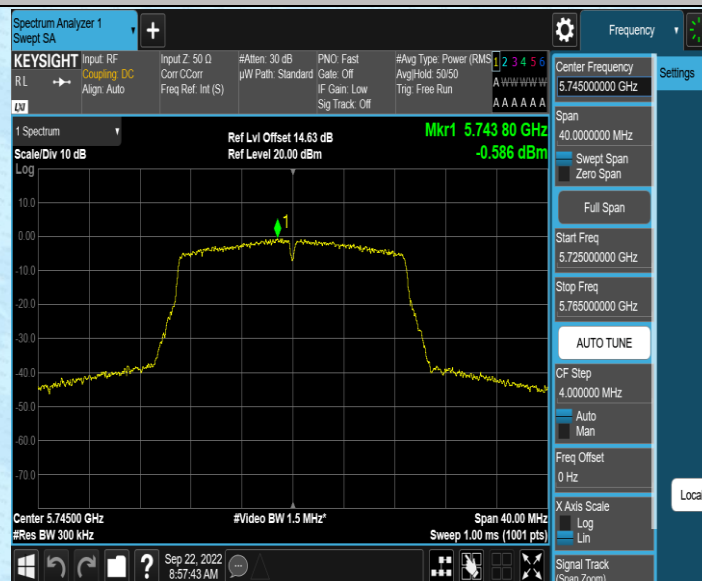
11A_Ant1_5825



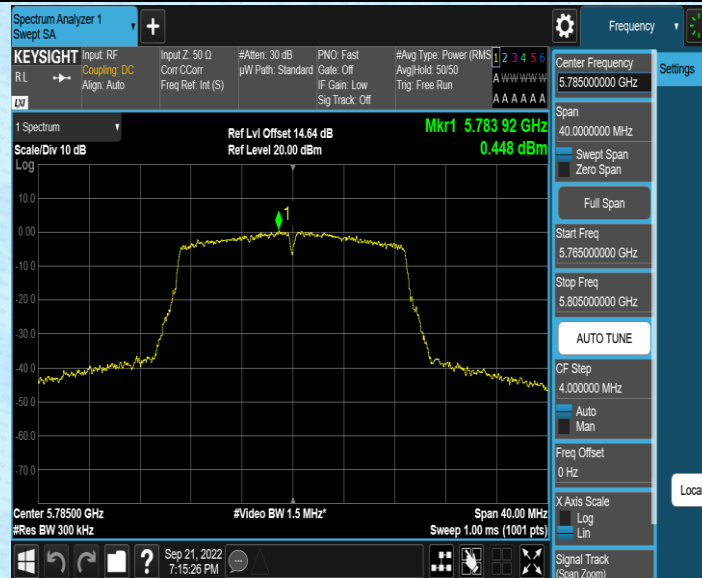
11A_Ant2_5825



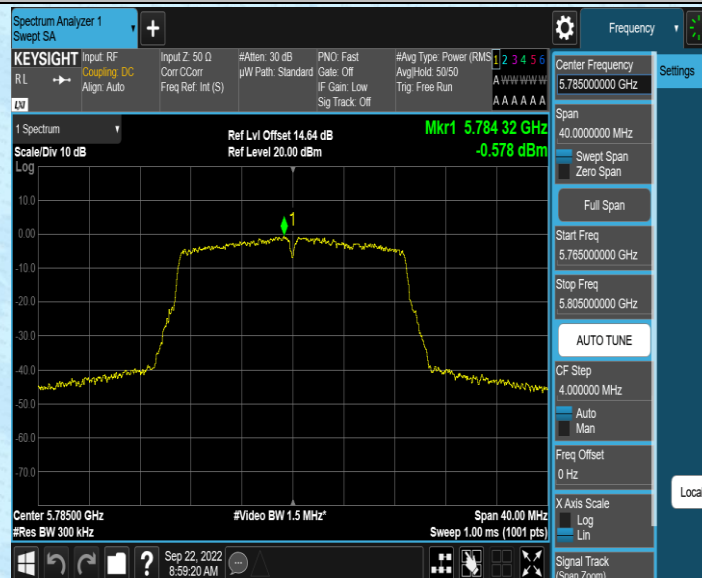
11N20SISO_Ant1_5745



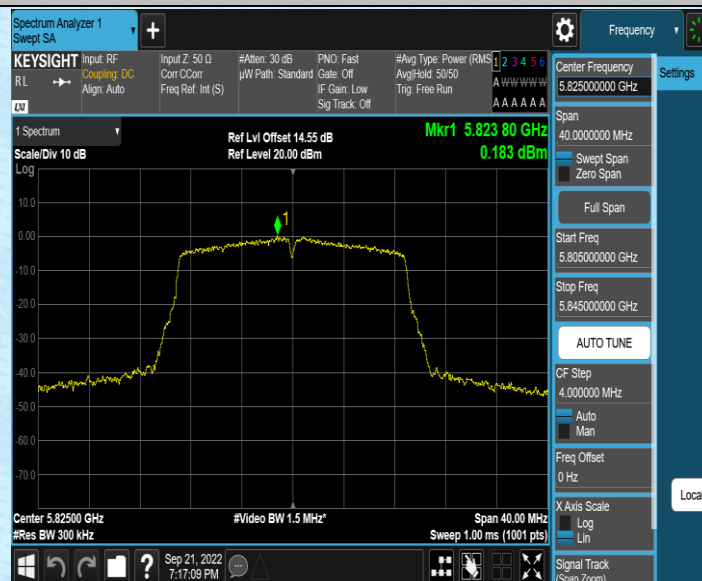
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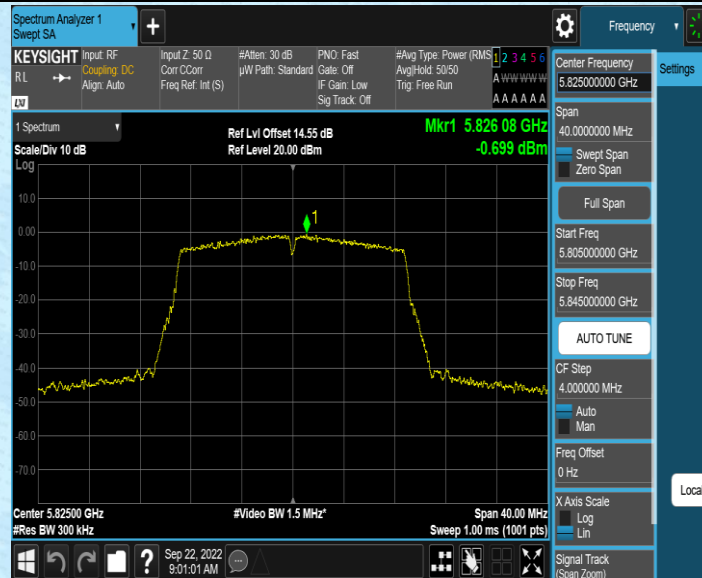
11N20SISO_Ant1_5785



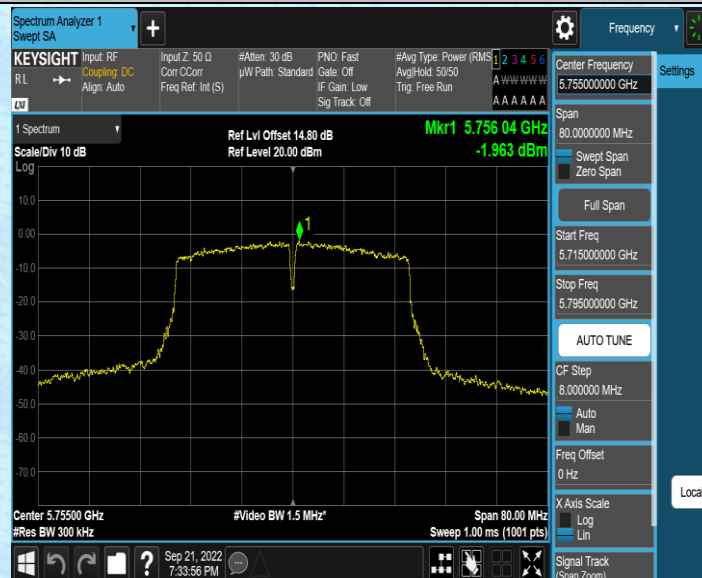
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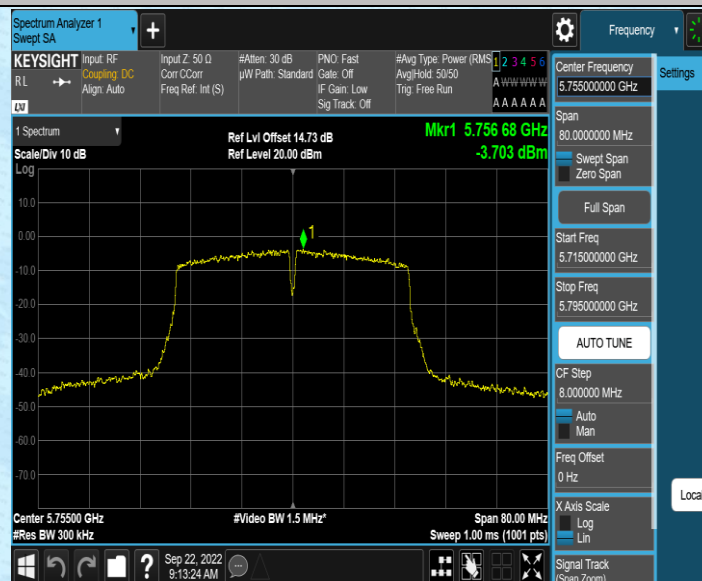
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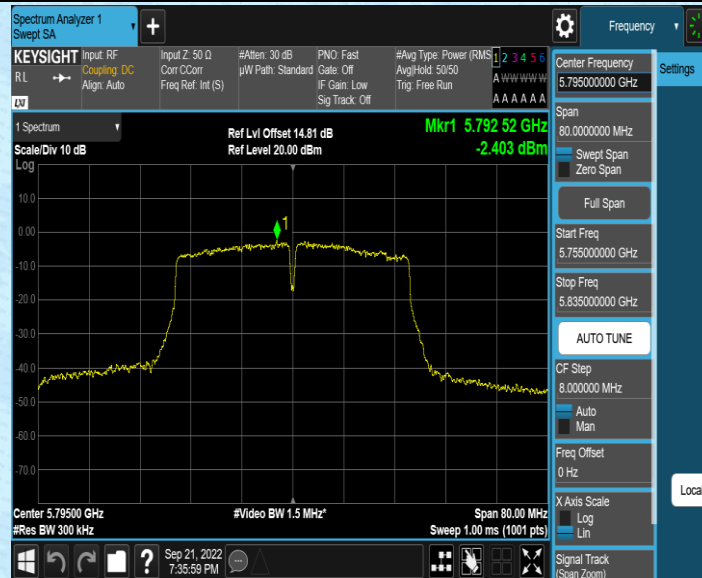
11N20SISO_Ant2_5825



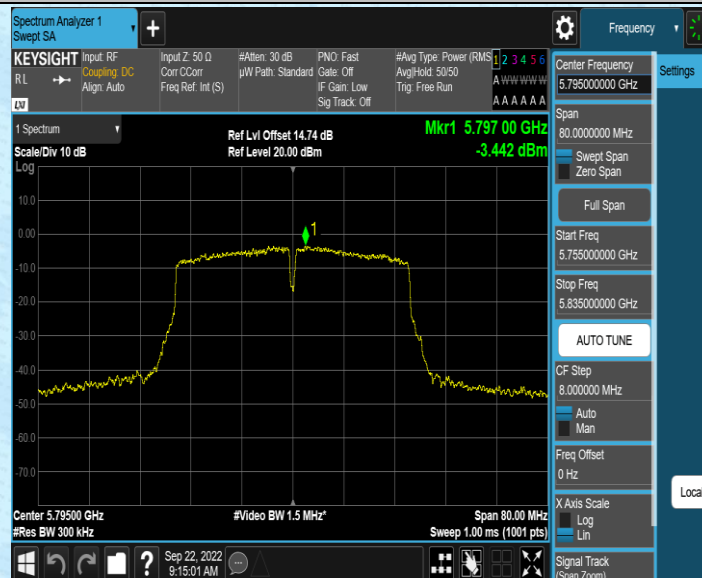
11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



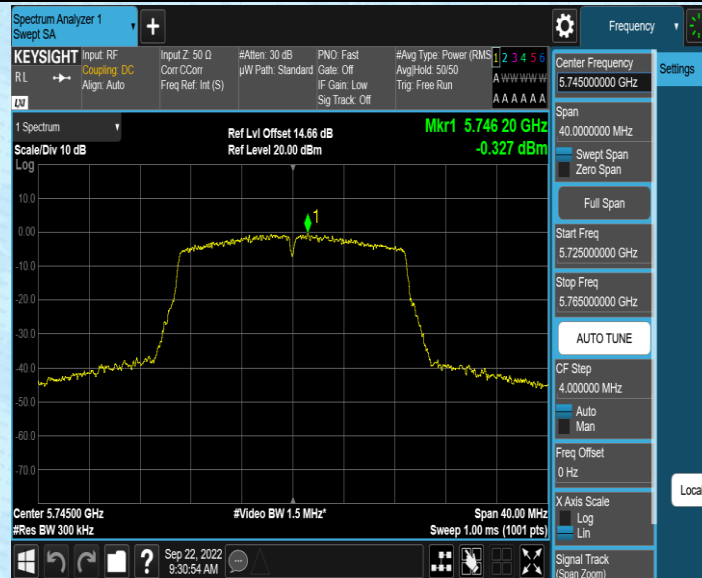
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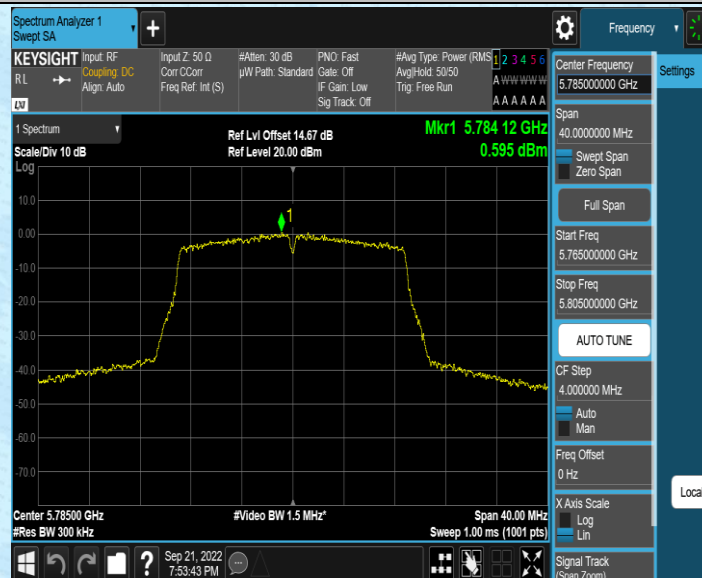
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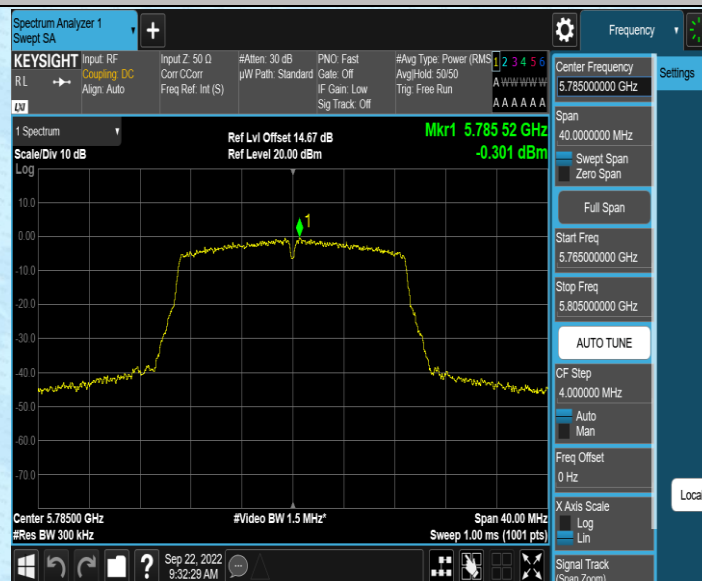
11AC20SISO_Ant1_5745



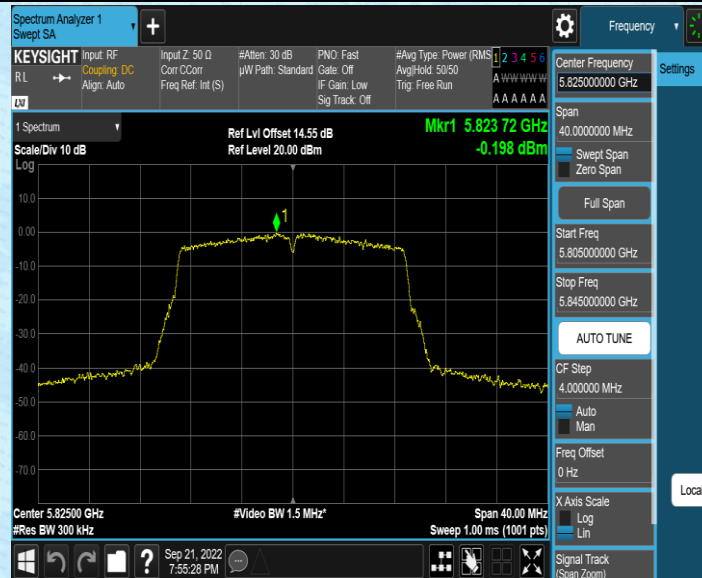
11AC20SISO_Ant2_5745



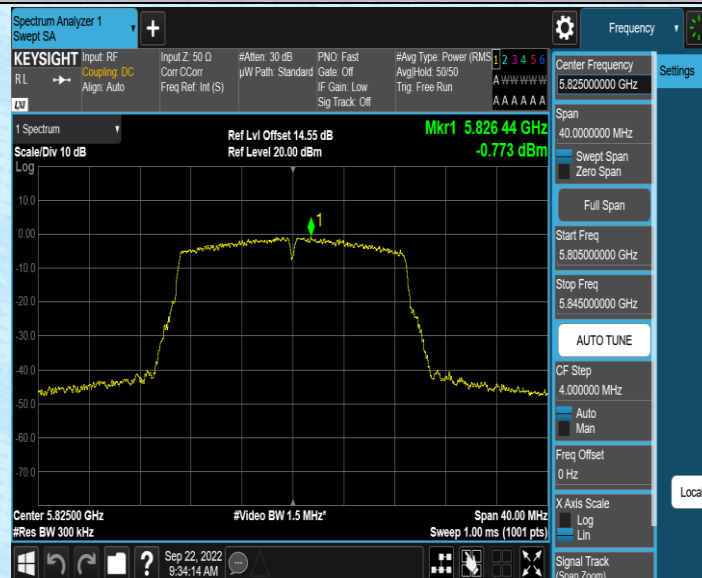
11AC20SISO_Ant1_5785



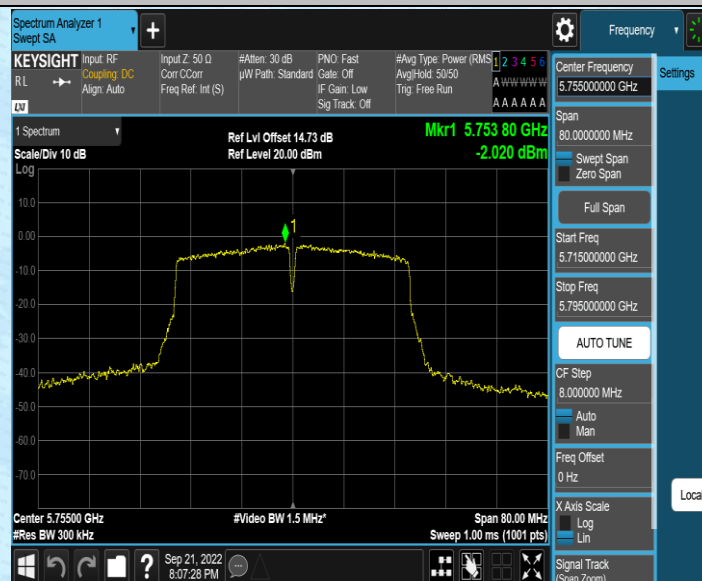
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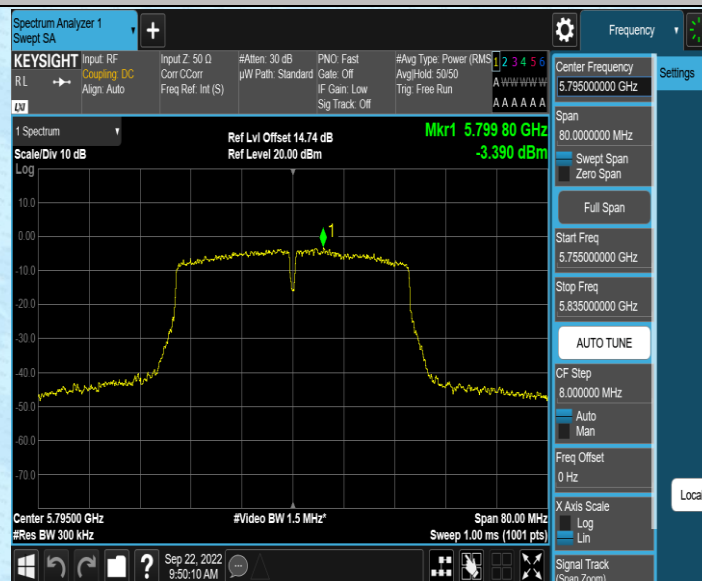
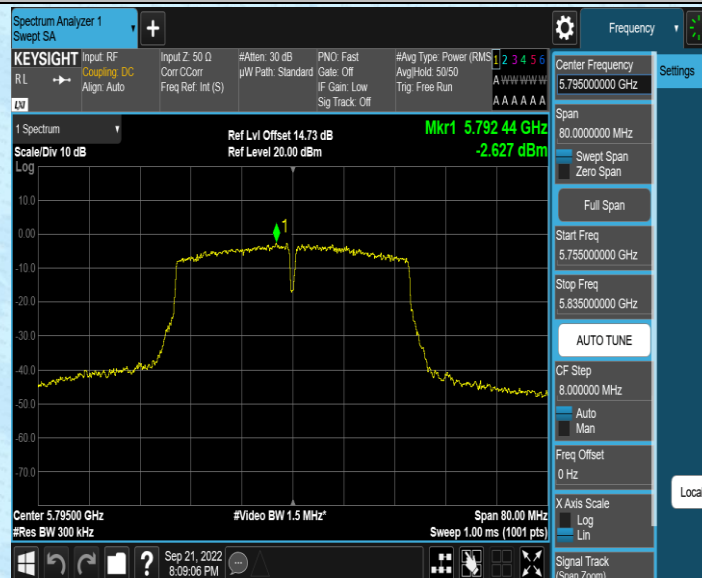
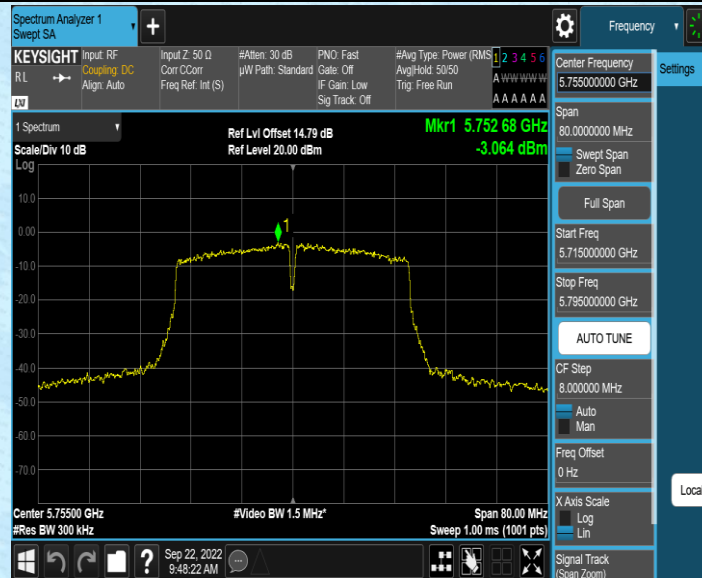
11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825

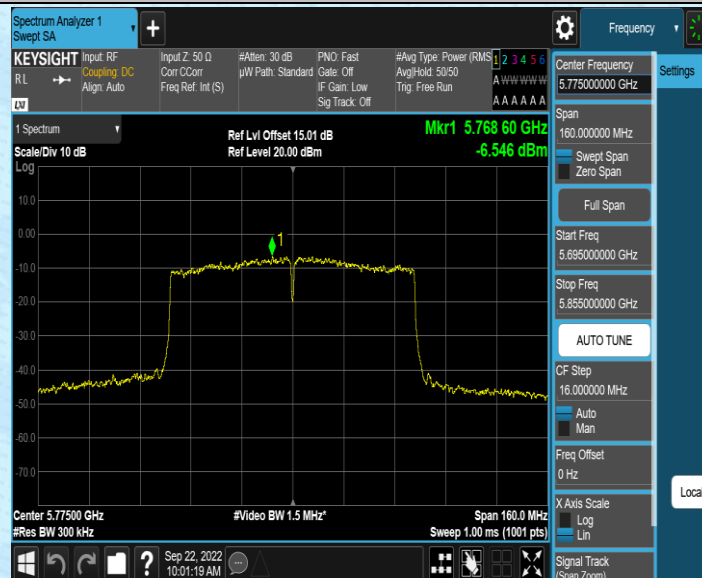


11AC40SISO_Ant1_5755





11AC80SISO_Ant1_5775



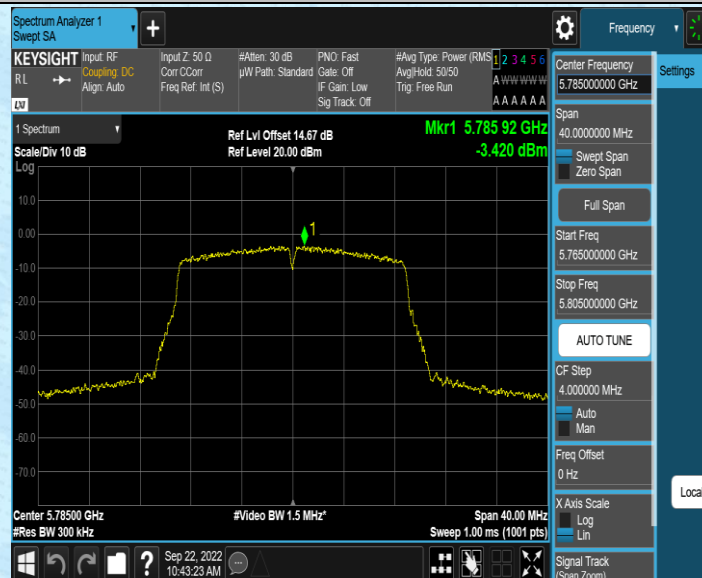
11AC80SISO_Ant2_5775



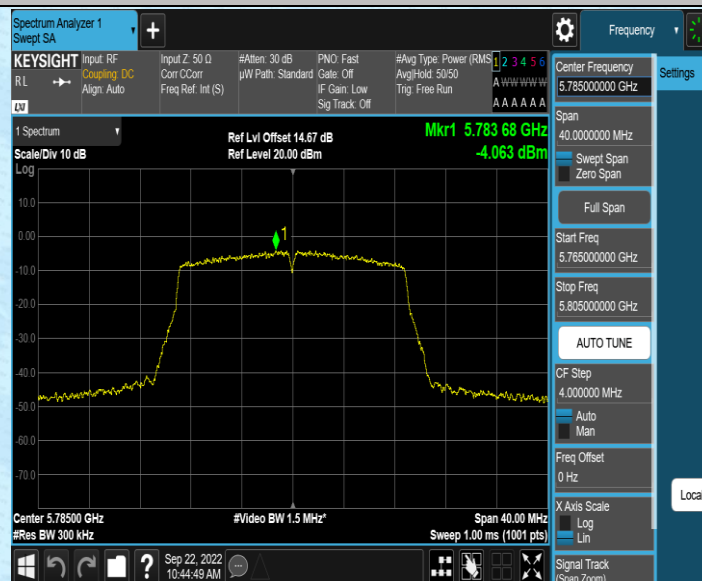
11N20MIMO_Ant1_5745



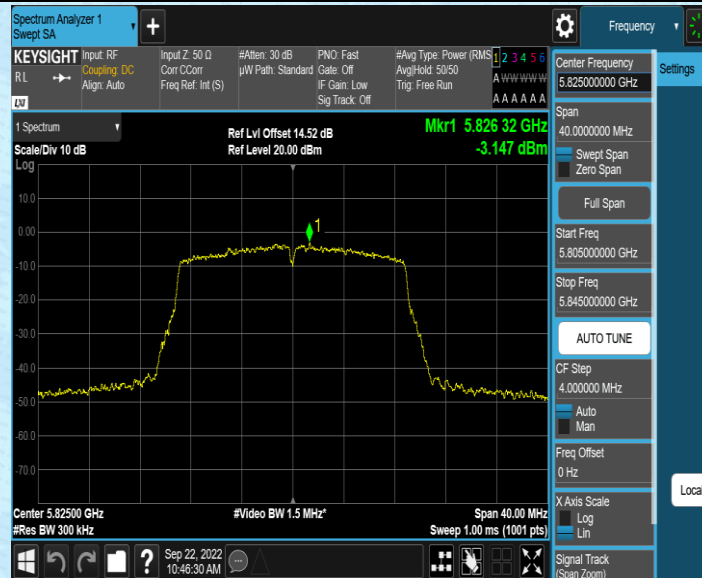
11N20MIMO_Ant2_5745



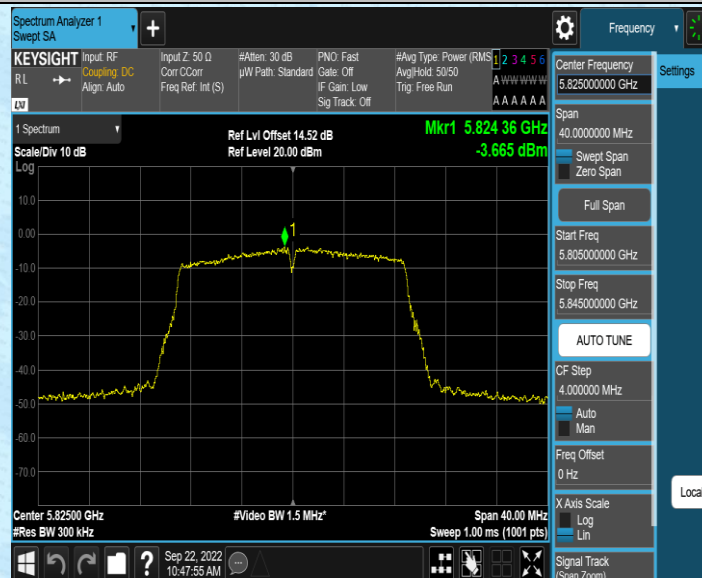
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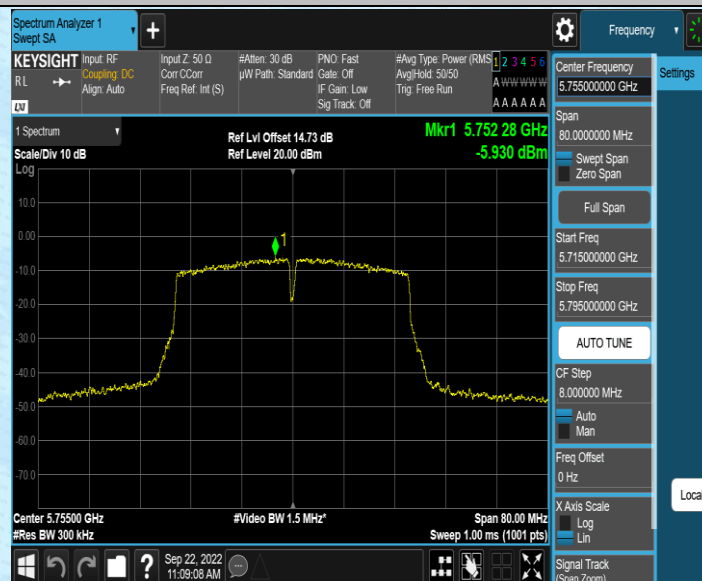
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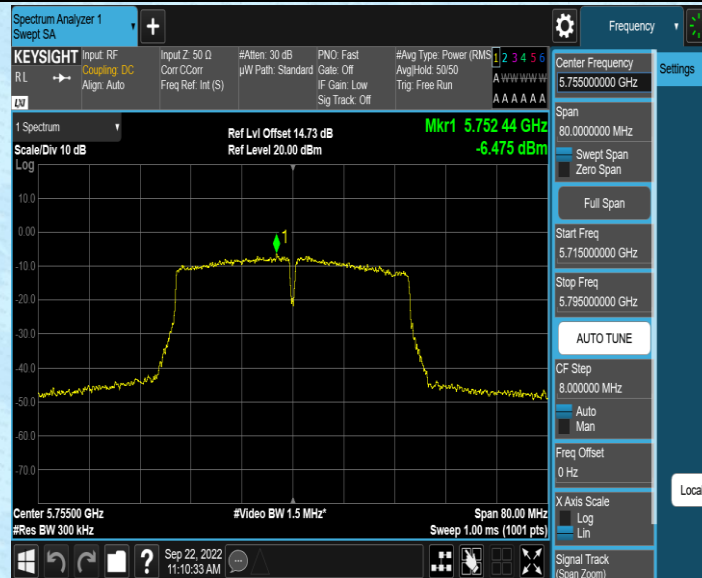
11N20MIMO_Ant1_5825



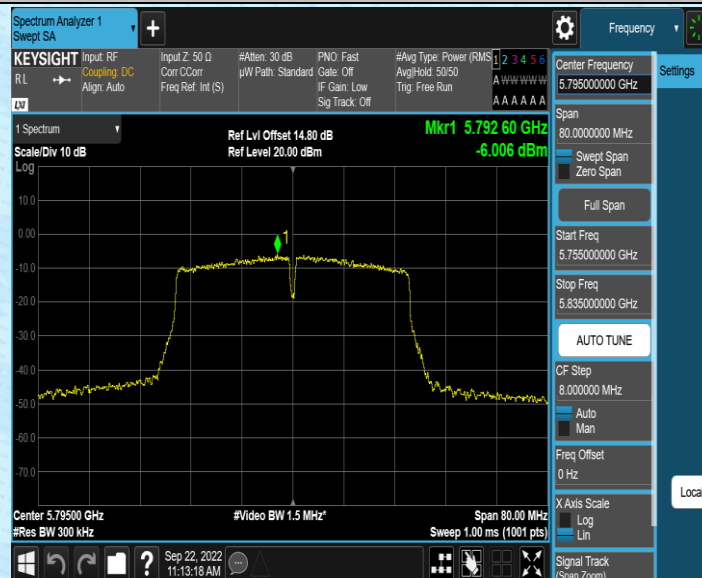
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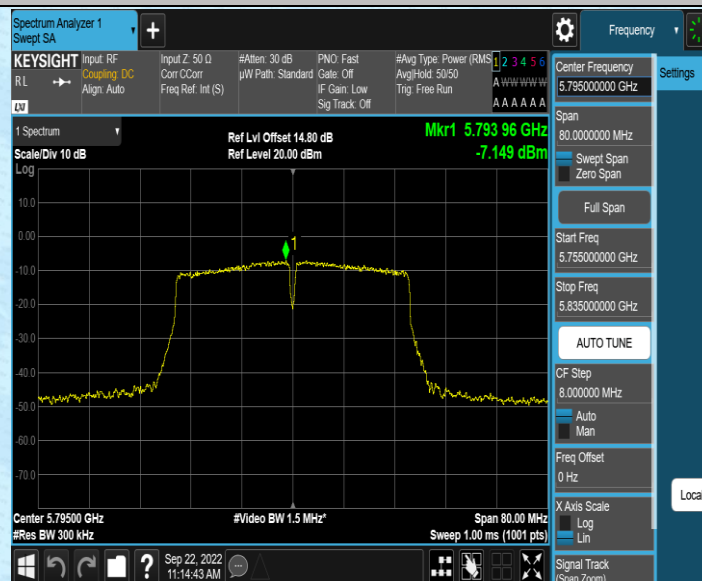
11N40MIMO_Ant1_5755



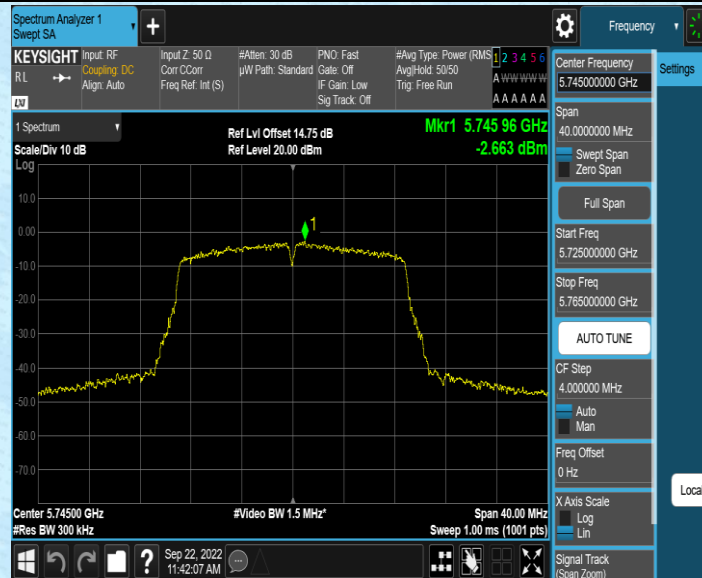
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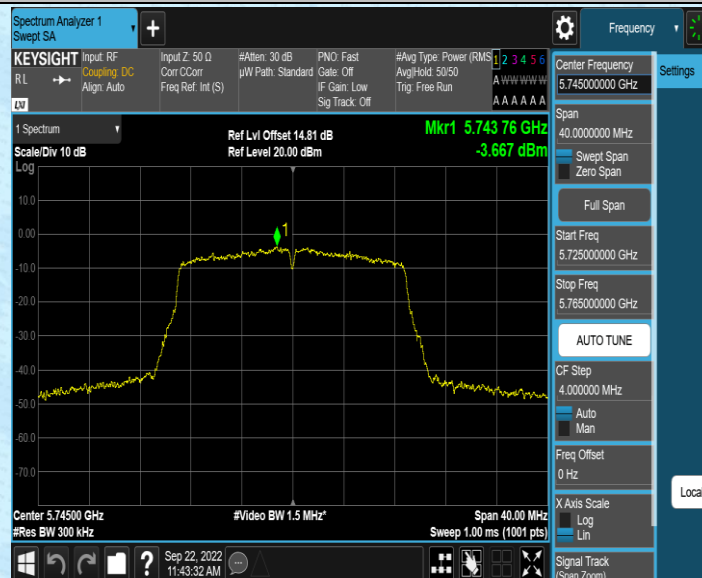
11N40MIMO_Ant1_5795



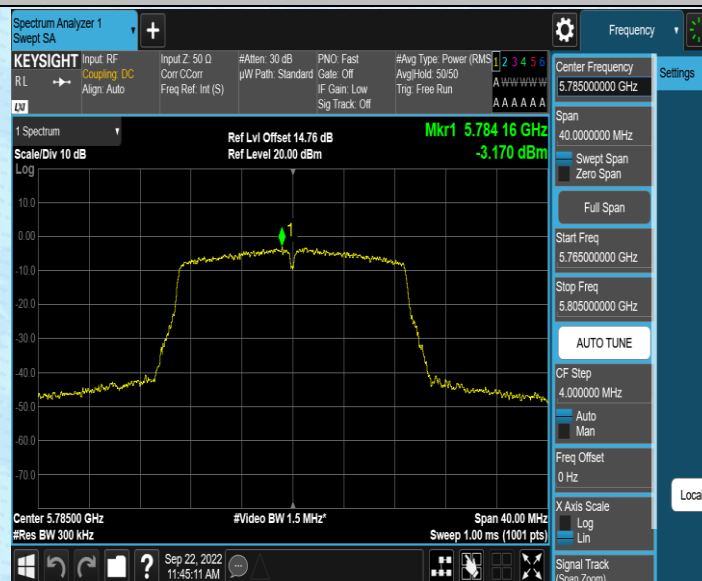
11N40MIMO_Ant2_5795



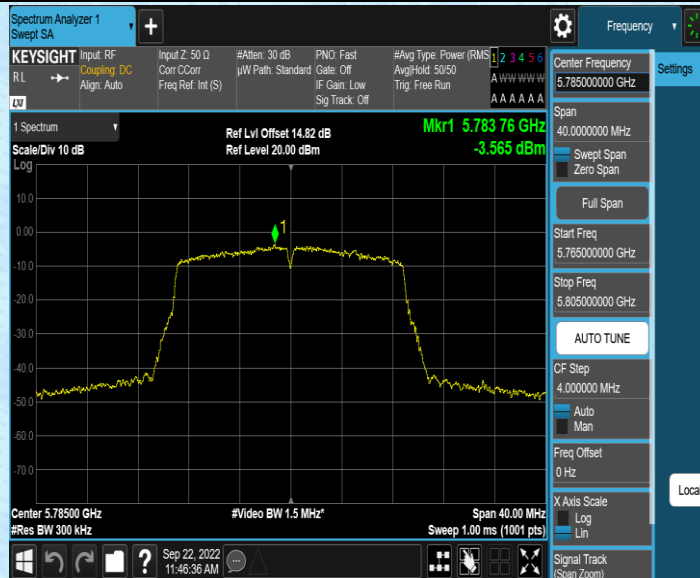
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



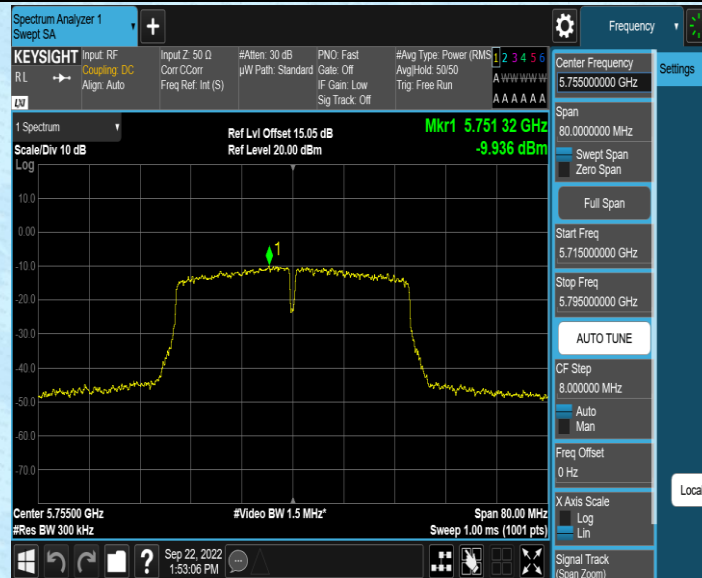
11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



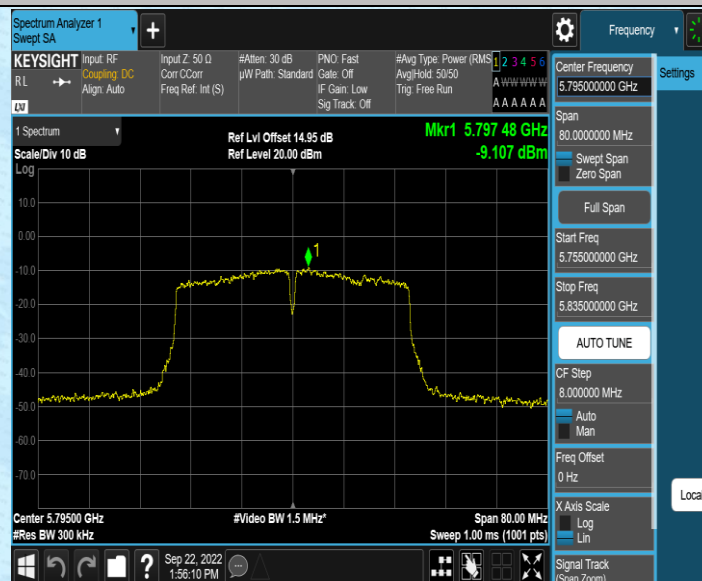
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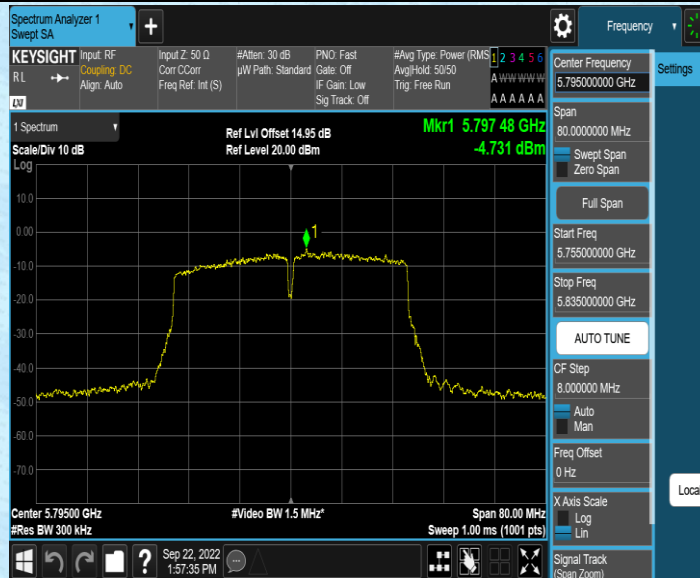
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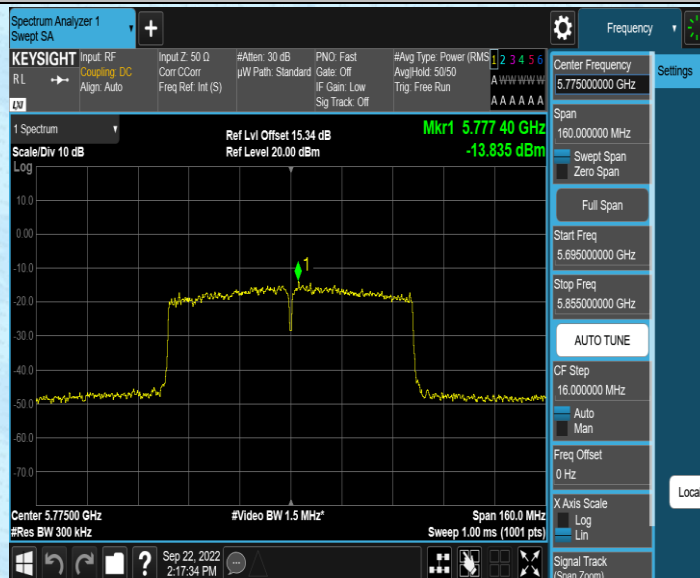
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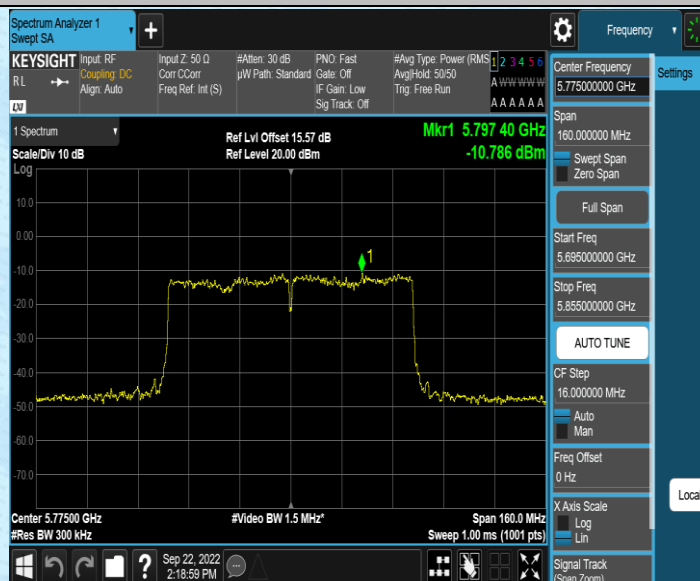
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

6 Duty Cycle

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle factor	Verdict
11A	Ant1	5745	6Mbps	1.39	1.43	97.20	0.12	---
	Ant2	5745	6Mbps	1.39	1.44	96.53	0.15	---
	Ant1	5785	6Mbps	1.39	1.44	96.53	0.15	---
	Ant2	5785	6Mbps	1.38	1.43	96.50	0.15	---
	Ant1	5825	6Mbps	1.38	1.43	96.50	0.15	---
	Ant2	5825	6Mbps	1.39	1.43	97.20	0.12	---
11N20SIS O	Ant1	5745	MCS0	1.31	1.35	97.04	0.13	---
	Ant2	5745	MCS0	1.30	1.34	97.01	0.13	---
	Ant1	5785	MCS0	1.30	1.34	97.01	0.13	---
	Ant2	5785	MCS0	1.30	1.34	97.01	0.13	---
	Ant1	5825	MCS0	1.30	1.35	96.30	0.16	---
	Ant2	5825	MCS0	1.29	1.34	96.27	0.17	---
11N40SIS O	Ant1	5755	MCS0	0.64	0.69	92.75	0.33	---
	Ant2	5755	MCS0	0.65	0.69	94.20	0.26	---
	Ant1	5795	MCS0	0.64	0.69	92.75	0.33	---
	Ant2	5795	MCS0	0.65	0.69	94.20	0.26	---
11AC20SI SO	Ant1	5745	MCS0	1.30	1.35	96.30	0.16	---
	Ant2	5745	MCS0	1.31	1.36	96.32	0.16	---
	Ant1	5785	MCS0	1.30	1.35	96.30	0.16	---
	Ant2	5785	MCS0	1.31	1.36	96.32	0.16	---
	Ant1	5825	MCS0	1.31	1.36	96.32	0.16	---
	Ant2	5825	MCS0	1.31	1.36	96.32	0.16	---
11AC40SI SO	Ant1	5755	MCS0	0.65	0.69	94.20	0.26	---
	Ant2	5755	MCS0	0.65	0.70	92.86	0.32	---
	Ant1	5795	MCS0	0.66	0.70	94.29	0.26	---
	Ant2	5795	MCS0	0.65	0.69	94.20	0.26	---
11AC80SI SO	Ant1	5775	MCS0	0.33	0.37	89.19	0.50	---
	Ant2	5775	MCS0	0.33	0.37	89.19	0.50	---
11N20MIM O	Ant1	5745	MCS0	1.30	1.35	96.30	0.16	---
	Ant2	5745	MCS0	1.30	1.35	96.30	0.16	---
	Ant1	5785	MCS0	1.30	1.35	96.30	0.16	---
	Ant2	5785	MCS0	1.29	1.34	96.27	0.17	---
	Ant1	5825	MCS0	1.30	1.34	97.01	0.13	---
	Ant2	5825	MCS0	1.30	1.34	97.01	0.13	---
11N40MIM	Ant1	5755	MCS0	0.65	0.69	94.20	0.26	---

O	Ant2	5755	MCS0	0.65	0.69	94.20	0.26	---
	Ant1	5795	MCS0	0.65	0.70	92.86	0.32	---
	Ant2	5795	MCS0	0.65	0.70	92.86	0.32	---
11AC20MI MO	Ant1	5745	MCS0	0.68	0.72	94.44	0.25	---
	Ant2	5745	MCS0	0.68	0.73	93.15	0.31	---
	Ant1	5785	MCS0	0.68	0.72	94.44	0.25	---
	Ant2	5785	MCS0	0.68	0.73	93.15	0.31	---
	Ant1	5825	MCS0	0.68	0.72	94.44	0.25	---
	Ant2	5825	MCS0	0.68	0.73	93.15	0.31	---
11AC40MI MO	Ant1	5755	MCS0	0.35	0.40	87.50	0.58	---
	Ant2	5755	MCS0	0.35	0.40	87.50	0.58	---
	Ant1	5795	MCS0	0.35	0.39	89.74	0.47	---
	Ant2	5795	MCS0	0.35	0.39	89.74	0.47	---
11AC80MI MO	Ant1	5775	MCS0	0.19	0.23	82.61	0.83	---
	Ant2	5775	MCS0	0.18	0.23	78.26	1.06	---