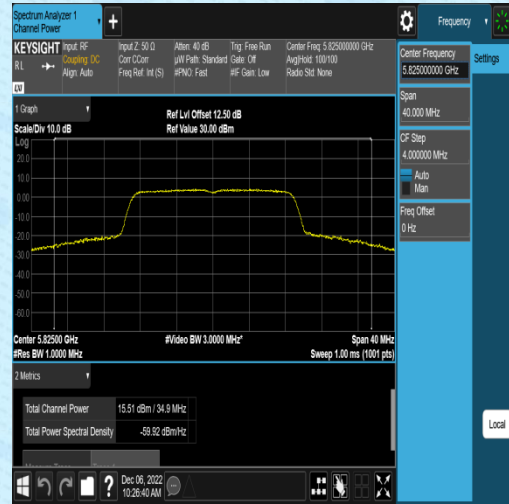
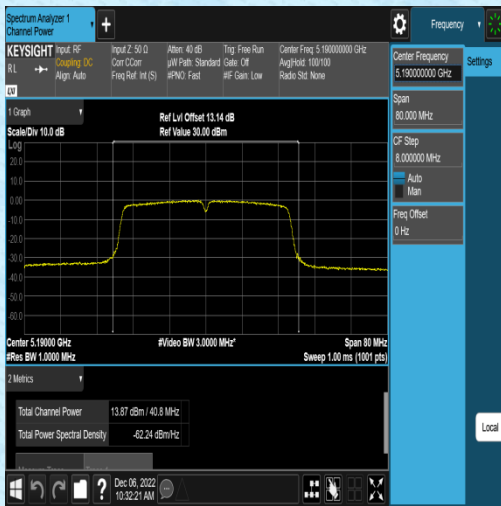


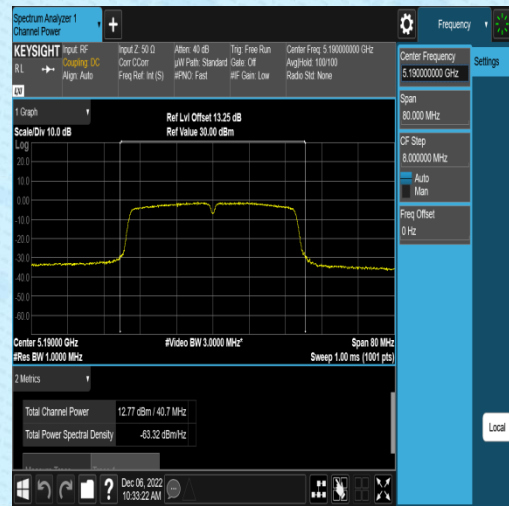
11N40MIMO-Ant1-5190/--13.03-82.46-0.84



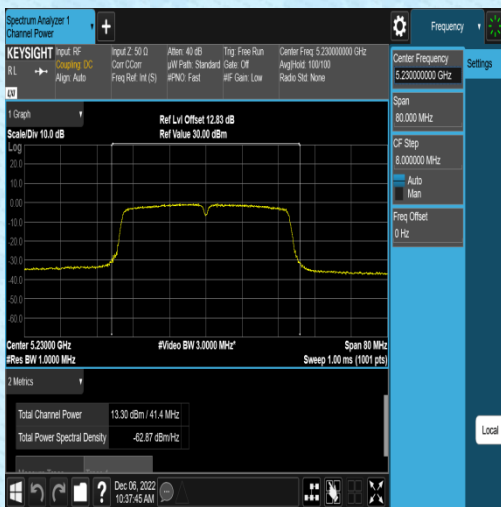
11N40MIMO-Ant2-5190/--11.82-80.34-0.95



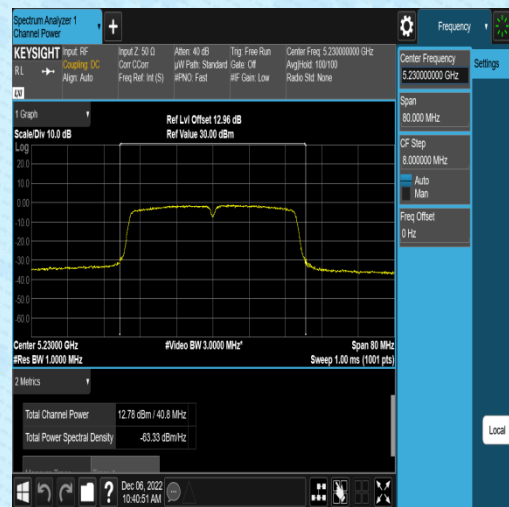
11N40MIMO-Ant1-5230/--12.55-84.07-0.75



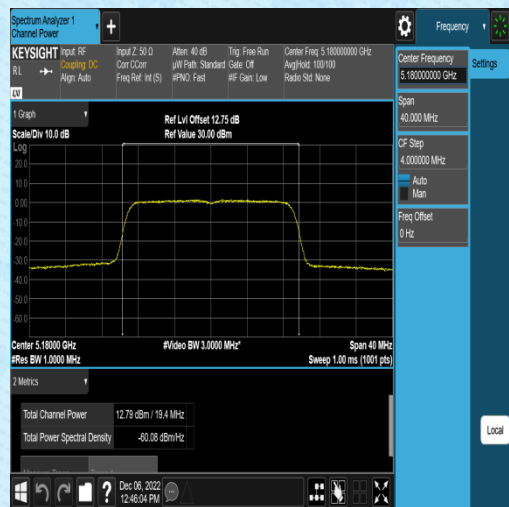
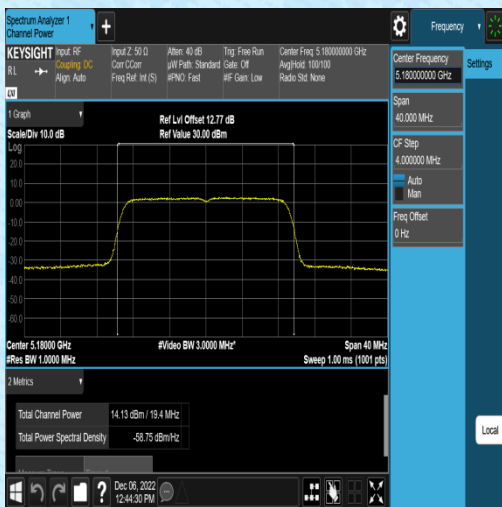
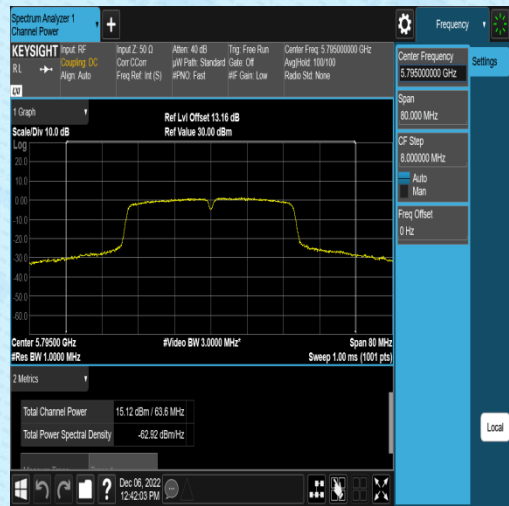
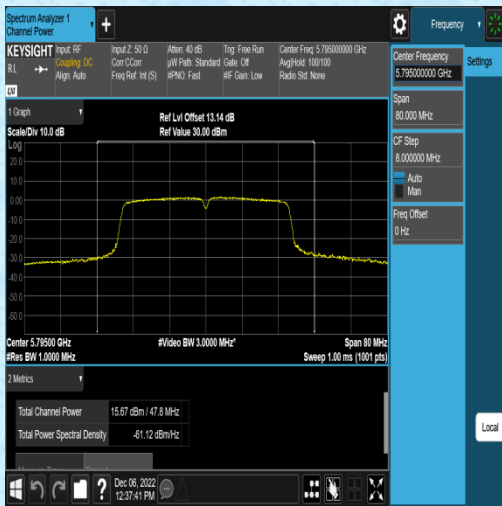
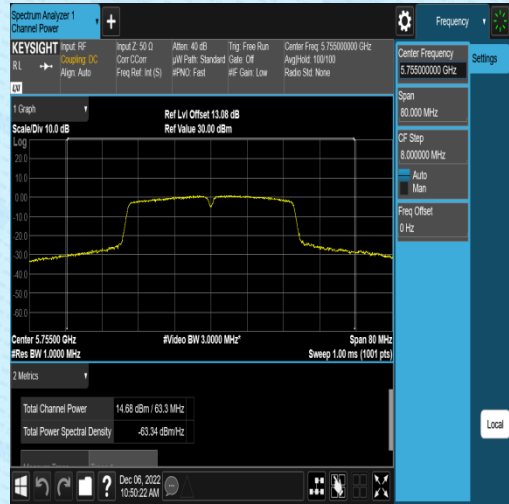
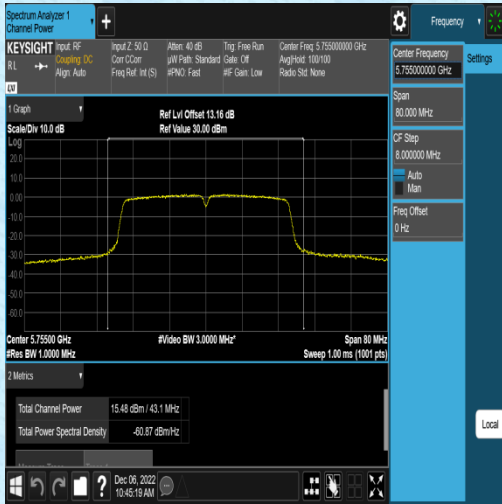
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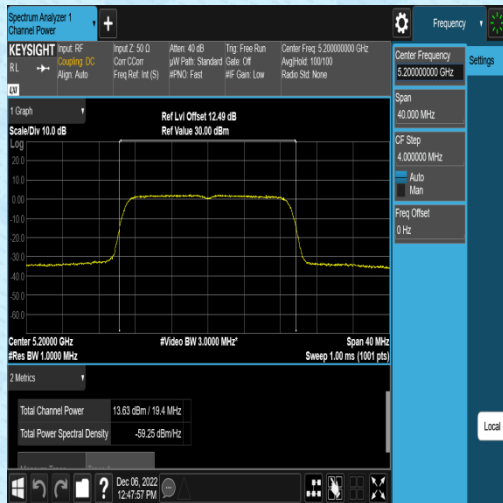


11N40MIMO-Ant1-5755/--14.57-81.03-0.91

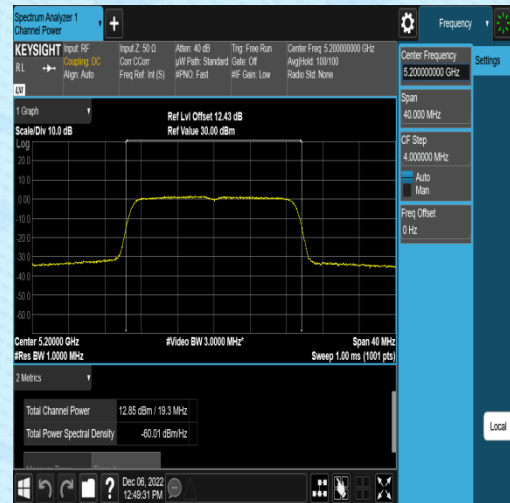


11N40MIMO-Ant2-5755/--13.85-82.61-0.83

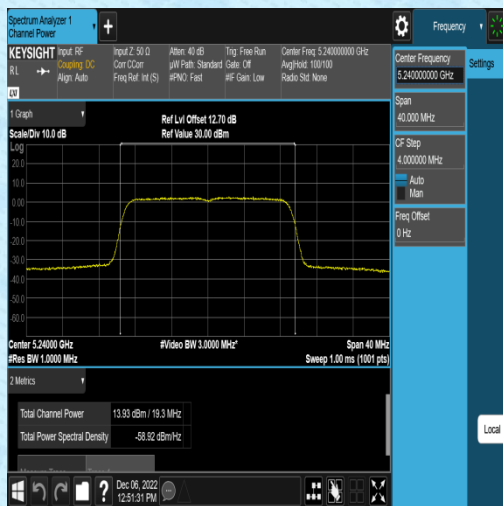




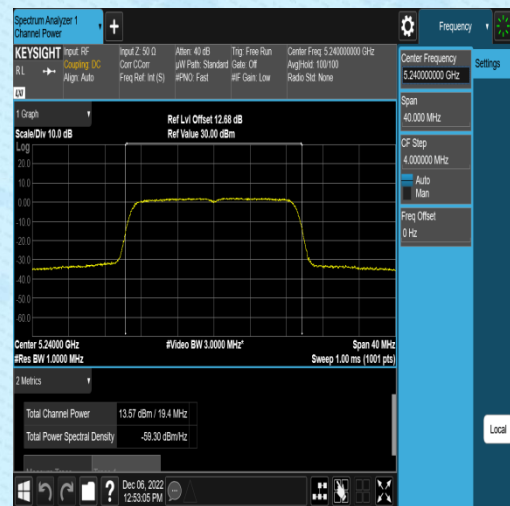
11AC20MIMO-Ant1-5240/--13.42-88.94-0.51



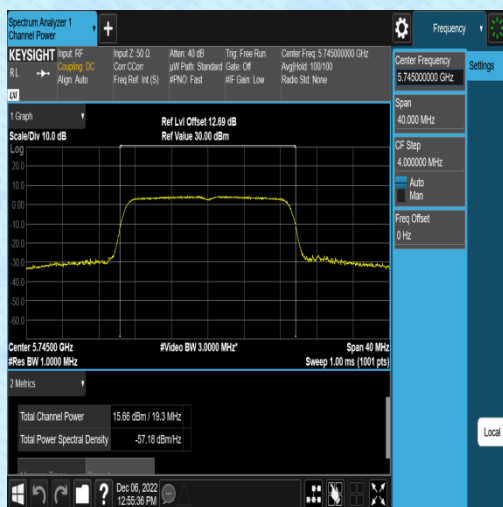
11AC20MIMO-Ant2-5240/--13.08-89.40-0.49



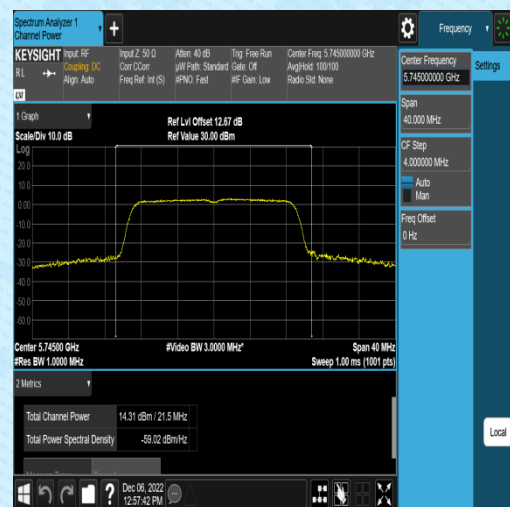
11AC20MIMO-Ant1-5745/--15.25-91.04-0.41



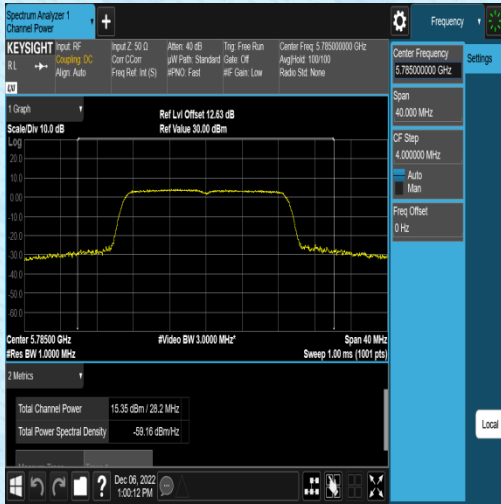
11AC20MIMO-Ant2-5745/--13.92-91.51-0.39



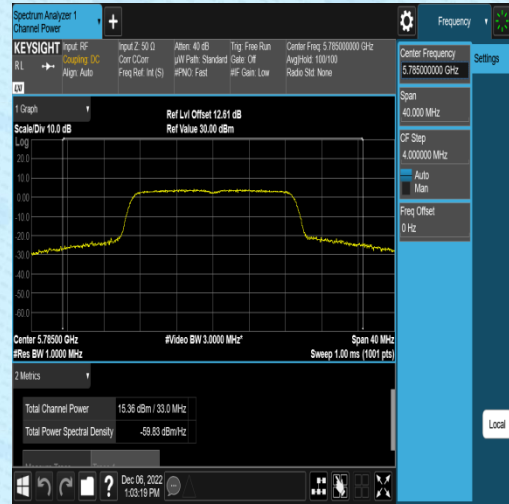
11AC20MIMO-Ant1-5785/--15.01-92.38-0.34



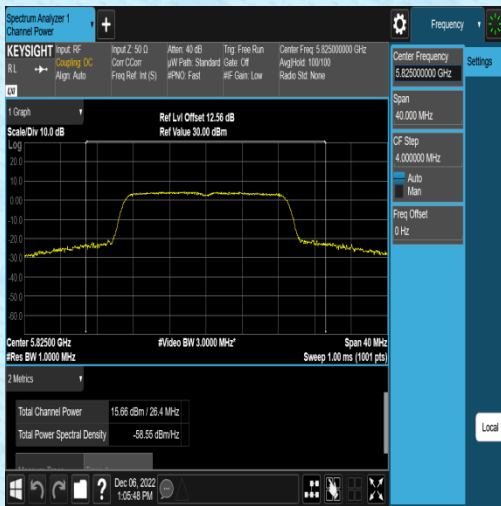
11AC20MIMO-Ant2-5785/--15.04-92.82-0.32



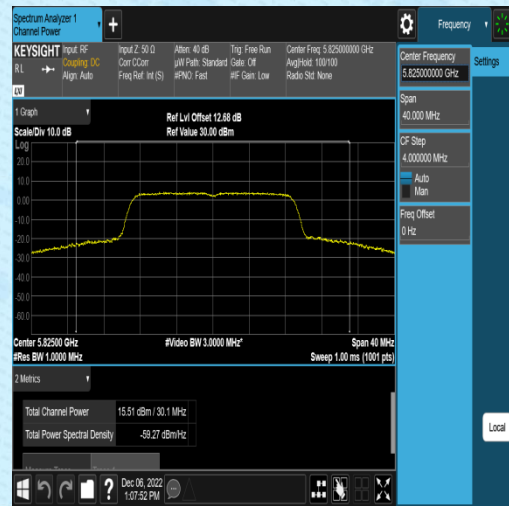
11AC20MIMO-Ant1-5825/--15.27-91.51-0.39



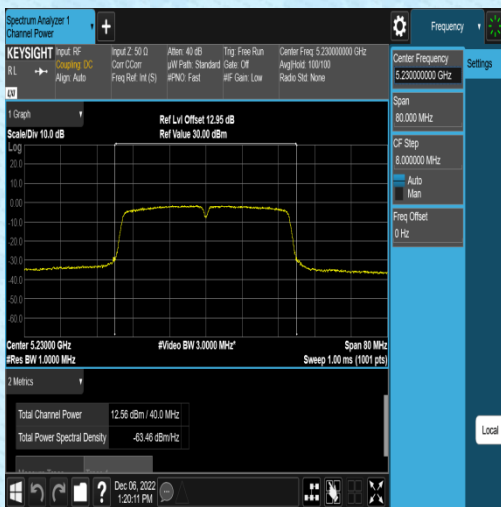
11AC20MIMO-Ant2-5825/--15.00-88.94-0.51



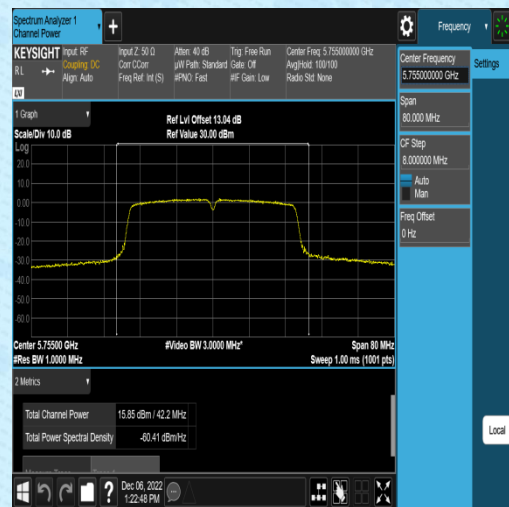
11AC40MIMO-Ant2-5230/--11.69-81.90-0.87



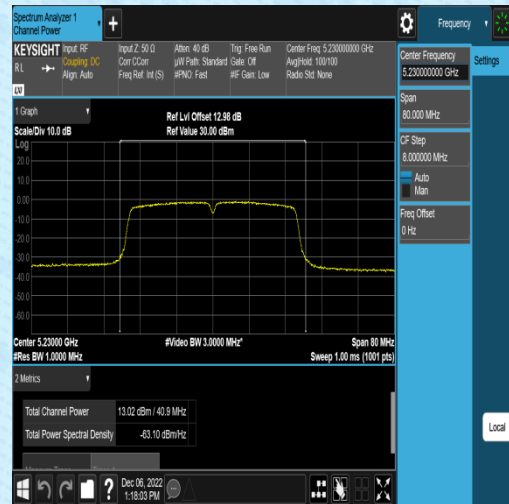
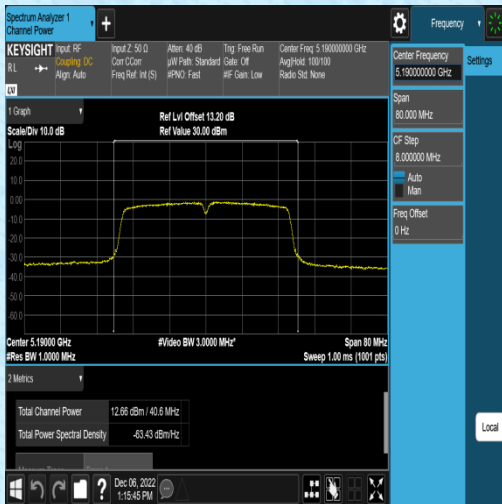
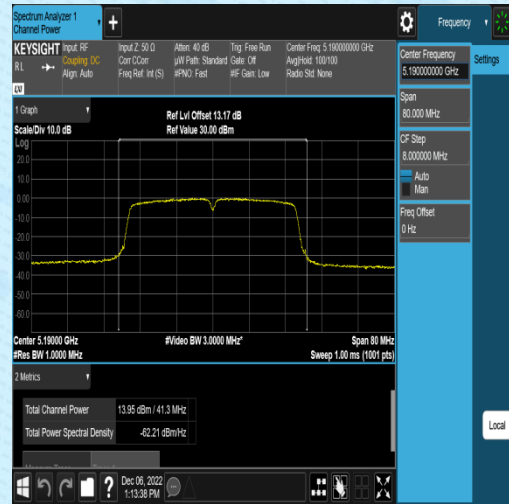
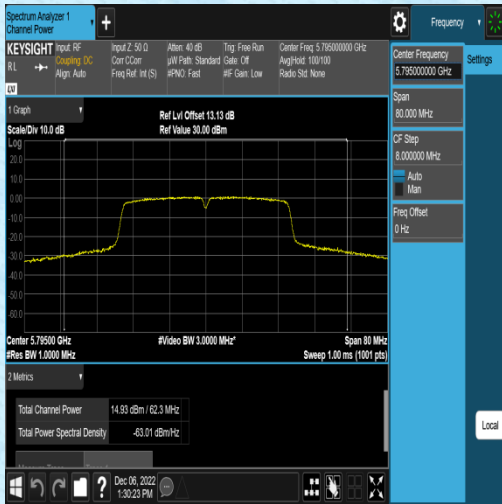
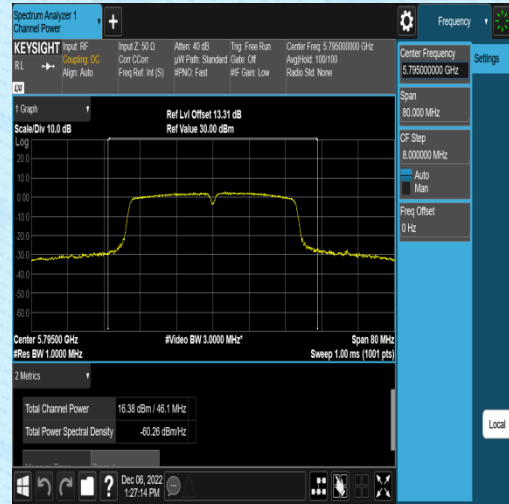
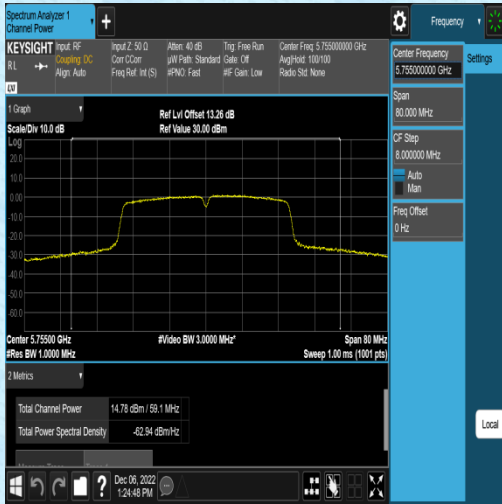
11AC40MIMO-Ant1-5755/--15.06-83.33-0.79

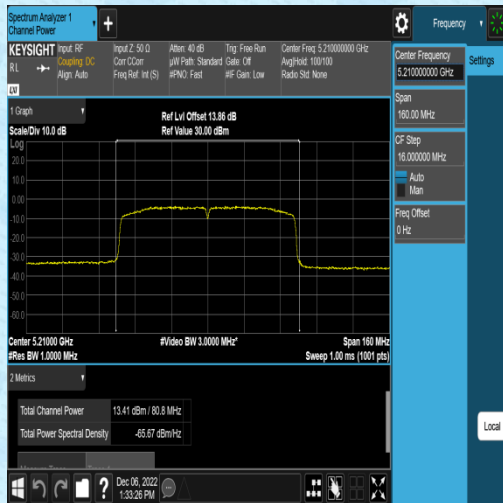


11AC40MIMO-Ant2-5755/--13.77-79.34-1.01

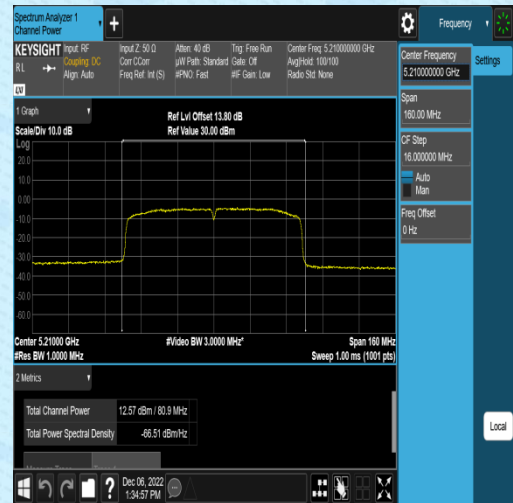


11AC40MIMO-Ant1-5795/--15.33-78.51-1.05

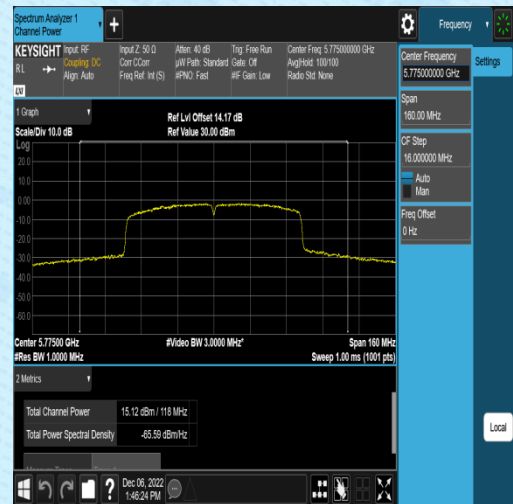
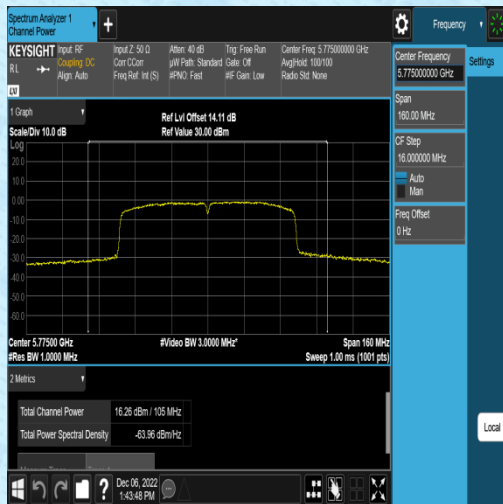




11AC80MIMO-Ant1-5775/--14.44-65.71-1.82



11AC80MIMO-Ant2-5775/--13.24-64.79-1.88



6. Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Rate	Result	Limit	Unit	Verdict
11A	Ant1	5180	6Mbps	2.42	≤11.00	dBm/MHz	PASS
11A	Ant1	5200	6Mbps	1.9	≤11.00	dBm/MHz	PASS
11A	Ant1	5240	6Mbps	3.11	≤11.00	dBm/MHz	PASS
11A	Ant1	5745	6Mbps	1.41	≤30.00	dBm/500KHz	PASS
11A	Ant1	5785	6Mbps	2.62	≤30.00	dBm/500KHz	PASS
11A	Ant1	5825	6Mbps	2.4	≤30.00	dBm/500KHz	PASS
11N20SISO	Ant1	5180	MCS0	3.22	≤11.00	dBm/MHz	PASS
11N20SISO	Ant1	5200	MCS0	2.69	≤11.00	dBm/MHz	PASS
11N20SISO	Ant1	5240	MCS0	3.11	≤11.00	dBm/MHz	PASS
11N20SISO	Ant1	5745	MCS0	2.07	≤30.00	dBm/500KHz	PASS
11N20SISO	Ant1	5785	MCS0	2.15	≤30.00	dBm/500KHz	PASS
11N20SISO	Ant1	5825	MCS0	2.03	≤30.00	dBm/500KHz	PASS
11N40SISO	Ant1	5190	MCS0	0.16	≤11.00	dBm/MHz	PASS
11N40SISO	Ant1	5230	MCS0	-0.34	≤11.00	dBm/MHz	PASS
11N40SISO	Ant1	5755	MCS0	-0.77	≤30.00	dBm/500KHz	PASS
11N40SISO	Ant1	5795	MCS0	-1.02	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant1	5180	MCS0	3.05	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant1	5200	MCS0	2.74	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant1	5240	MCS0	3.13	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant1	5745	MCS0	1.75	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant1	5785	MCS0	2.09	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant1	5825	MCS0	1.86	≤30.00	dBm/500KHz	PASS
11AC40SISO	Ant1	5190	MCS0	-0.07	≤11.00	dBm/MHz	PASS
11AC40SISO	Ant1	5230	MCS0	-0.32	≤11.00	dBm/MHz	PASS
11AC40SISO	Ant1	5755	MCS0	-0.49	≤30.00	dBm/500KHz	PASS
11AC40SISO	Ant1	5795	MCS0	-0.85	≤30.00	dBm/500KHz	PASS
11AC80SISO	Ant1	5210	MCS0	-3.92	≤11.00	dBm/MHz	PASS
11AC80SISO	Ant1	5775	MCS0	-3.46	≤30.00	dBm/500KHz	PASS
11A	Ant2	5180	6Mbps	2.55	≤11.00	dBm/MHz	PASS
11A	Ant2	5200	6Mbps	2.17	≤11.00	dBm/MHz	PASS
11A	Ant2	5240	6Mbps	3.06	≤11.00	dBm/MHz	PASS
11A	Ant2	5745	6Mbps	0.57	≤30.00	dBm/500KHz	PASS
11A	Ant2	5785	6Mbps	1.94	≤30.00	dBm/500KHz	PASS
11A	Ant2	5825	6Mbps	1.87	≤30.00	dBm/500KHz	PASS
11N20SISO	Ant2	5180	MCS0	1.61	≤11.00	dBm/MHz	PASS
11N20SISO	Ant2	5200	MCS0	1.17	≤11.00	dBm/MHz	PASS
11N20SISO	Ant2	5240	MCS0	2.65	≤11.00	dBm/MHz	PASS
11N20SISO	Ant2	5745	MCS0	0.74	≤30.00	dBm/500KHz	PASS

11N20SISO	Ant2	5785	MCS0	1.75	≤30.00	dBm/500KHz	PASS
11N20SISO	Ant2	5825	MCS0	1.57	≤30.00	dBm/500KHz	PASS
11N40SISO	Ant2	5190	MCS0	-0.94	≤11.00	dBm/MHz	PASS
11N40SISO	Ant2	5230	MCS0	-0.9	≤11.00	dBm/MHz	PASS
11N40SISO	Ant2	5755	MCS0	-2.1	≤30.00	dBm/500KHz	PASS
11N40SISO	Ant2	5795	MCS0	-1.24	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant2	5180	MCS0	1.77	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant2	5200	MCS0	1.6	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant2	5240	MCS0	2.49	≤11.00	dBm/MHz	PASS
11AC20SISO	Ant2	5745	MCS0	0.46	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant2	5785	MCS0	1.67	≤30.00	dBm/500KHz	PASS
11AC20SISO	Ant2	5825	MCS0	1.86	≤30.00	dBm/500KHz	PASS
11AC40SISO	Ant2	5190	MCS0	-0.93	≤11.00	dBm/MHz	PASS
11AC40SISO	Ant2	5230	MCS0	-0.54	≤11.00	dBm/MHz	PASS
11AC40SISO	Ant2	5755	MCS0	-2.44	≤30.00	dBm/500KHz	PASS
11AC40SISO	Ant2	5795	MCS0	-1.09	≤30.00	dBm/500KHz	PASS
11AC80SISO	Ant2	5210	MCS0	-4.81	≤11.00	dBm/MHz	PASS
11AC80SISO	Ant2	5775	MCS0	-4.5	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant1	5180	MCS0	2.49	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant2	5180	MCS0	1.51	≤11.00	dBm/MHz	PASS
11N20MIMO	total	5180	MCS0	5.04	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant1	5200	MCS0	2.45	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant2	5200	MCS0	1.72	≤11.00	dBm/MHz	PASS
11N20MIMO	total	5200	MCS0	5.11	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant1	5240	MCS0	2.55	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant2	5240	MCS0	2.16	≤11.00	dBm/MHz	PASS
11N20MIMO	total	5240	MCS0	5.37	≤11.00	dBm/MHz	PASS
11N20MIMO	Ant1	5745	MCS0	0.66	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant2	5745	MCS0	-0.08	≤30.00	dBm/500KHz	PASS
11N20MIMO	total	5745	MCS0	3.32	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant1	5785	MCS0	1.91	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant2	5785	MCS0	1.38	≤30.00	dBm/500KHz	PASS
11N20MIMO	total	5785	MCS0	4.66	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant1	5825	MCS0	1.45	≤30.00	dBm/500KHz	PASS
11N20MIMO	Ant2	5825	MCS0	1.29	≤30.00	dBm/500KHz	PASS
11N20MIMO	total	5825	MCS0	4.38	≤30.00	dBm/500KHz	PASS
11N40MIMO	Ant1	5190	MCS0	-0.34	≤11.00	dBm/MHz	PASS
11N40MIMO	Ant2	5190	MCS0	-1.25	≤11.00	dBm/MHz	PASS
11N40MIMO	total	5190	MCS0	2.24	≤11.00	dBm/MHz	PASS
11N40MIMO	Ant1	5230	MCS0	-0.38	≤11.00	dBm/MHz	PASS
11N40MIMO	Ant2	5230	MCS0	-1.21	≤11.00	dBm/MHz	PASS
11N40MIMO	total	5230	MCS0	2.24	≤11.00	dBm/MHz	PASS
11N40MIMO	Ant1	5755	MCS0	-1.14	≤30.00	dBm/500KHz	PASS
11N40MIMO	Ant2	5755	MCS0	-1.96	≤30.00	dBm/500KHz	PASS

11N40MIMO	total	5755	MCS0	1.48	≤30.00	dBm/500KHz	PASS
11N40MIMO	Ant1	5795	MCS0	-0.98	≤30.00	dBm/500KHz	PASS
11N40MIMO	Ant2	5795	MCS0	-1.84	≤30.00	dBm/500KHz	PASS
11N40MIMO	total	5795	MCS0	1.62	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant1	5180	MCS0	2.86	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant2	5180	MCS0	1.35	≤11.00	dBm/MHz	PASS
11AC20MIMO	total	5180	MCS0	5.18	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant1	5200	MCS0	2.22	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant2	5200	MCS0	1.71	≤11.00	dBm/MHz	PASS
11AC20MIMO	total	5200	MCS0	4.98	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant1	5240	MCS0	2.9	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant2	5240	MCS0	2.61	≤11.00	dBm/MHz	PASS
11AC20MIMO	total	5240	MCS0	5.77	≤11.00	dBm/MHz	PASS
11AC20MIMO	Ant1	5745	MCS0	1.59	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant2	5745	MCS0	0.25	≤30.00	dBm/500KHz	PASS
11AC20MIMO	total	5745	MCS0	3.98	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant1	5785	MCS0	1.7	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant2	5785	MCS0	1.26	≤30.00	dBm/500KHz	PASS
11AC20MIMO	total	5785	MCS0	4.50	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant1	5825	MCS0	1.62	≤30.00	dBm/500KHz	PASS
11AC20MIMO	Ant2	5825	MCS0	1.62	≤30.00	dBm/500KHz	PASS
11AC20MIMO	total	5825	MCS0	4.63	≤30.00	dBm/500KHz	PASS
11AC40MIMO	Ant1	5190	MCS0	-0.28	≤11.00	dBm/MHz	PASS
11AC40MIMO	Ant2	5190	MCS0	-1.53	≤11.00	dBm/MHz	PASS
11AC40MIMO	total	5190	MCS0	2.15	≤11.00	dBm/MHz	PASS
11AC40MIMO	Ant1	5230	MCS0	-0.9	≤11.00	dBm/MHz	PASS
11AC40MIMO	Ant2	5230	MCS0	-1.22	≤11.00	dBm/MHz	PASS
11AC40MIMO	total	5230	MCS0	1.95	≤11.00	dBm/MHz	PASS
11AC40MIMO	Ant1	5755	MCS0	-0.95	≤30.00	dBm/500KHz	PASS
11AC40MIMO	Ant2	5755	MCS0	-2.1	≤30.00	dBm/500KHz	PASS
11AC40MIMO	total	5755	MCS0	1.52	≤30.00	dBm/500KHz	PASS
11AC40MIMO	Ant1	5795	MCS0	-0.58	≤30.00	dBm/500KHz	PASS
11AC40MIMO	Ant2	5795	MCS0	-1.85	≤30.00	dBm/500KHz	PASS
11AC40MIMO	total	5795	MCS0	1.84	≤30.00	dBm/500KHz	PASS
11AC80MIMO	Ant1	5210	MCS0	-3.75	≤11.00	dBm/MHz	PASS
11AC80MIMO	Ant2	5210	MCS0	-4.5	≤11.00	dBm/MHz	PASS
11AC80MIMO	total	5210	MCS0	-1.10	≤11.00	dBm/MHz	PASS
11AC80MIMO	Ant1	5775	MCS0	-3.72	≤30.00	dBm/500KHz	PASS
11AC80MIMO	Ant2	5775	MCS0	-4.14	≤30.00	dBm/500KHz	PASS
11AC80MIMO	total	5775	MCS0	-0.91	≤30.00	dBm/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= $PSD+10\log(1/x)$, PSD is measured value in dBm/MHz, and x is Duty Cycle in %.

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

3.The result processing method of multiple antennas is the same as Maximum conducted output power.

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.

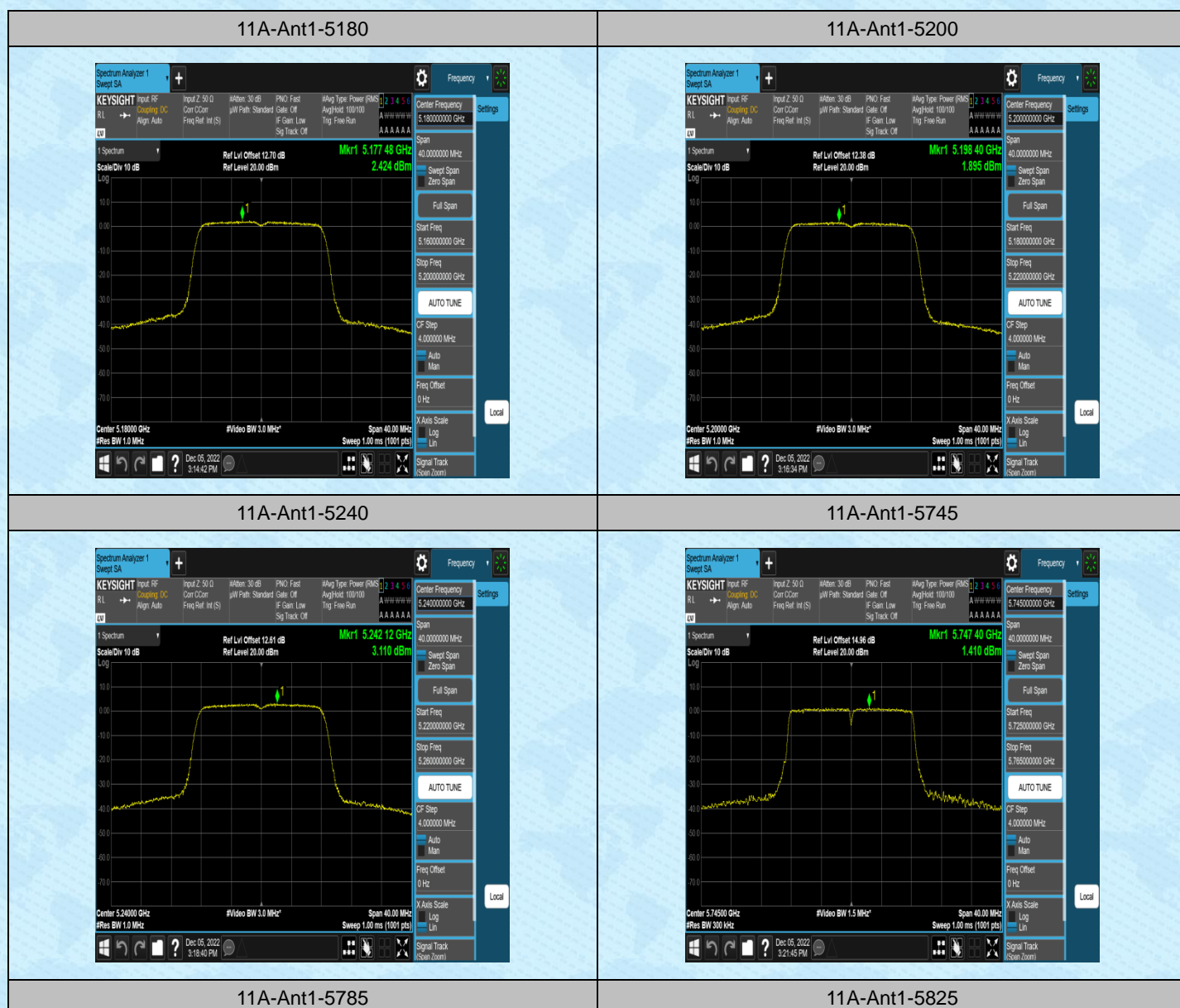
UNII-Band I: transmit signals are completely correlated,

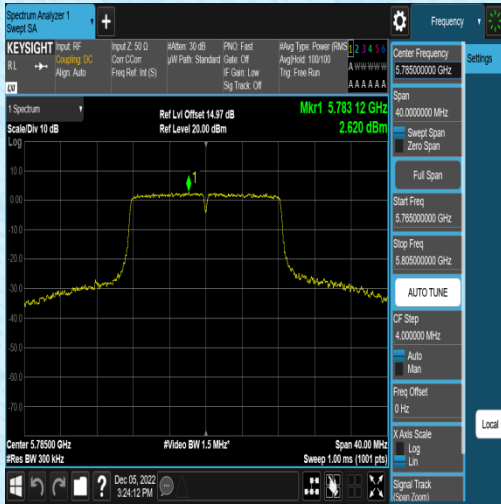
Directional gain= $G_{ant} + 10 \log(N_{ant})$ dB=5.54dBi

UNII-Band III: transmit signals are completely correlated,

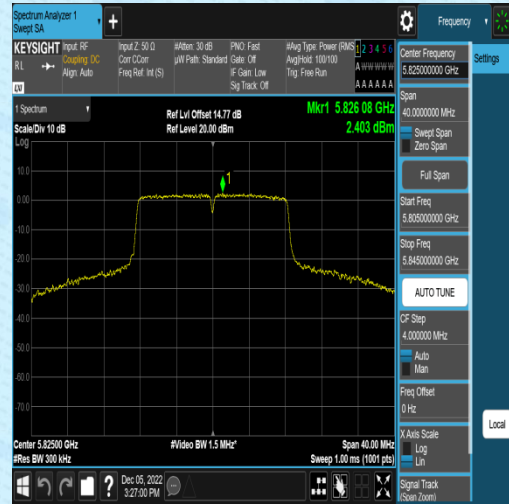
Directional gain= $G_{ant} + 10 \log(N_{ant})$ dB=5.17dBi

Test Graphs

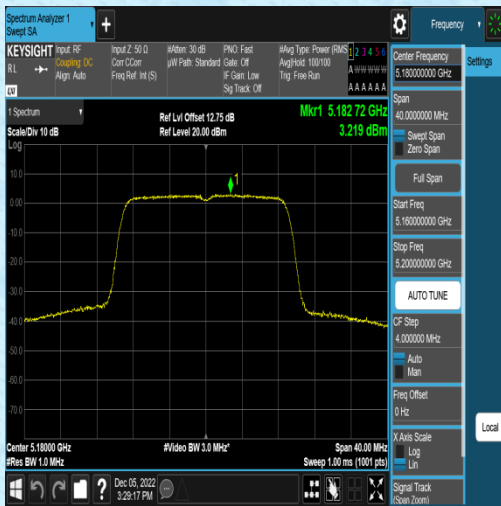




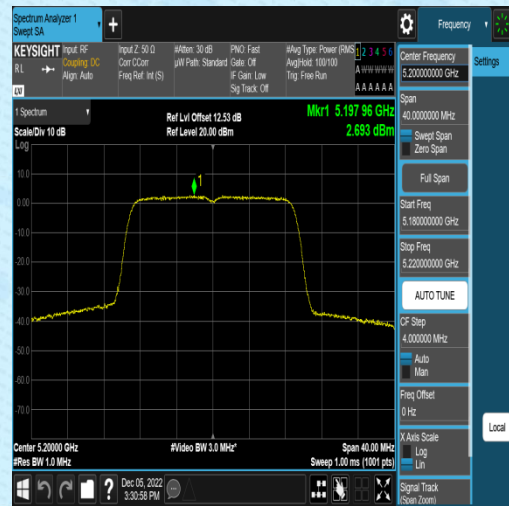
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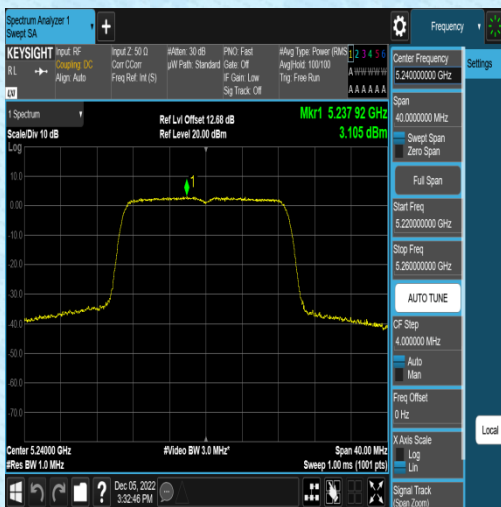
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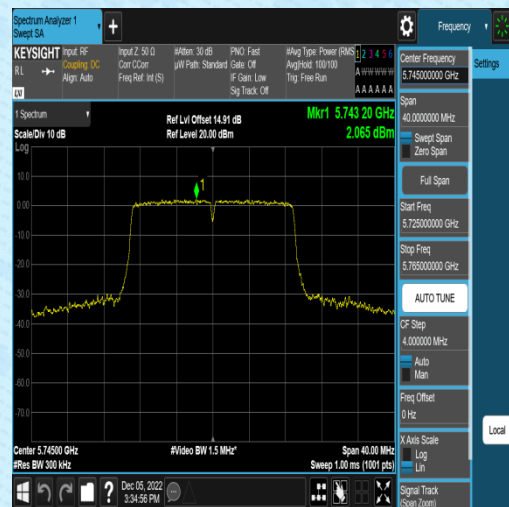
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11N20SISO-Ant1-5745



11N20SISO-Ant1-5785



11N20SISO-Ant1-5825