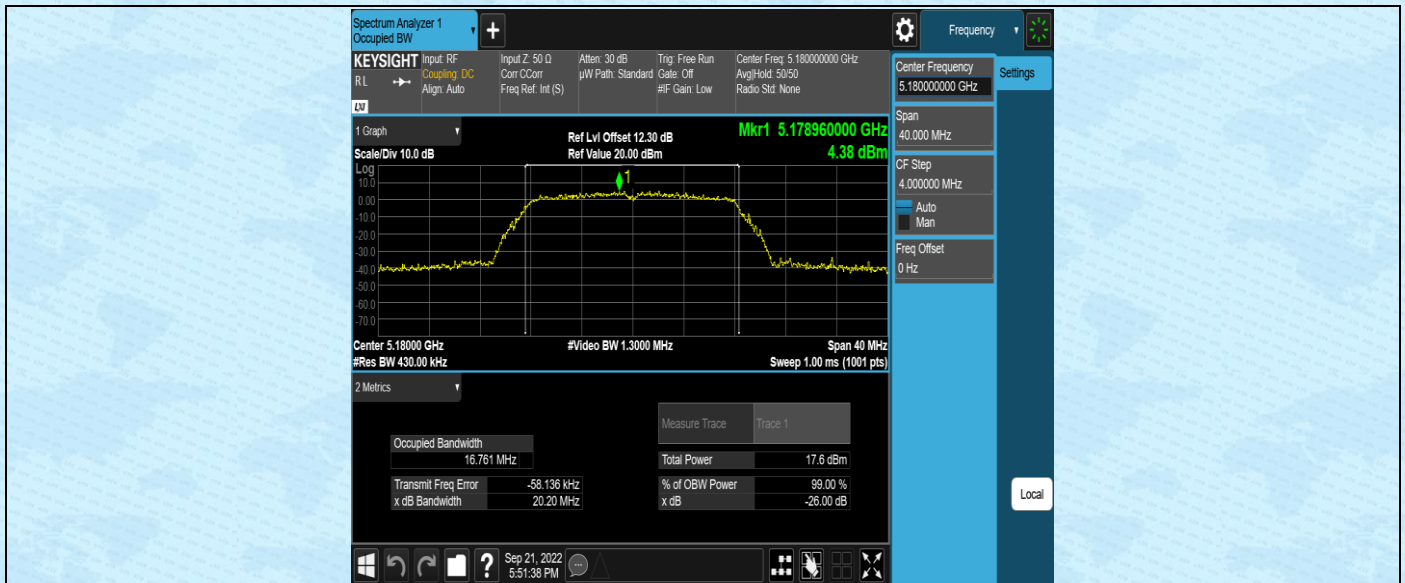
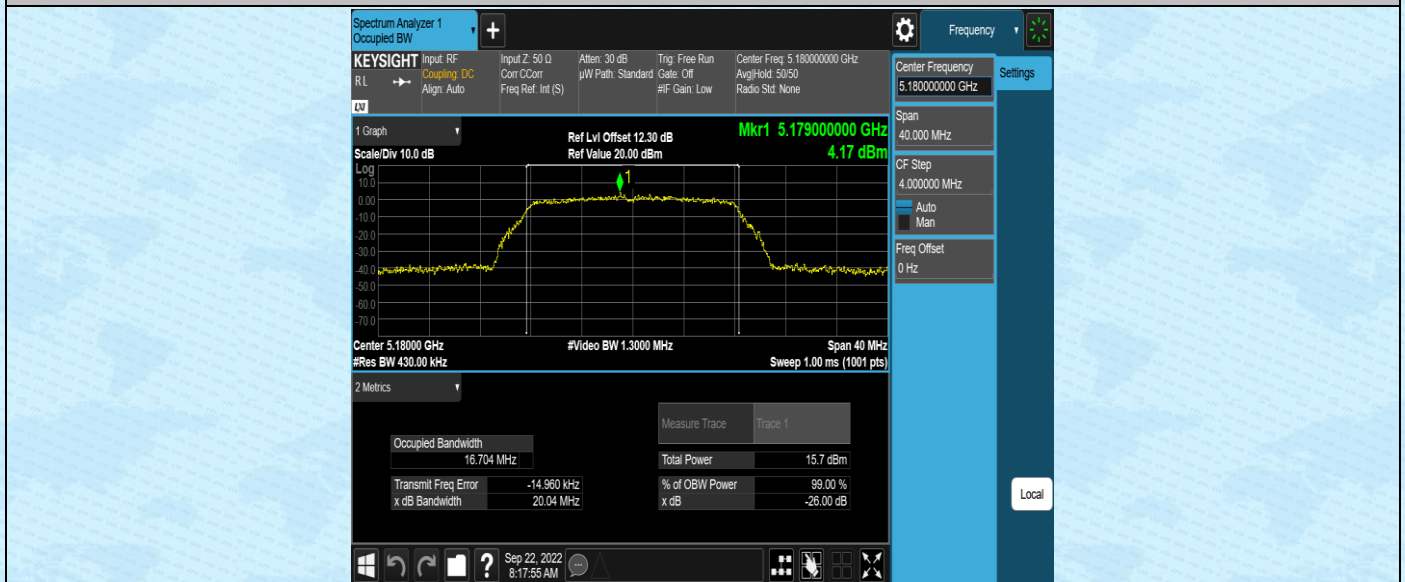


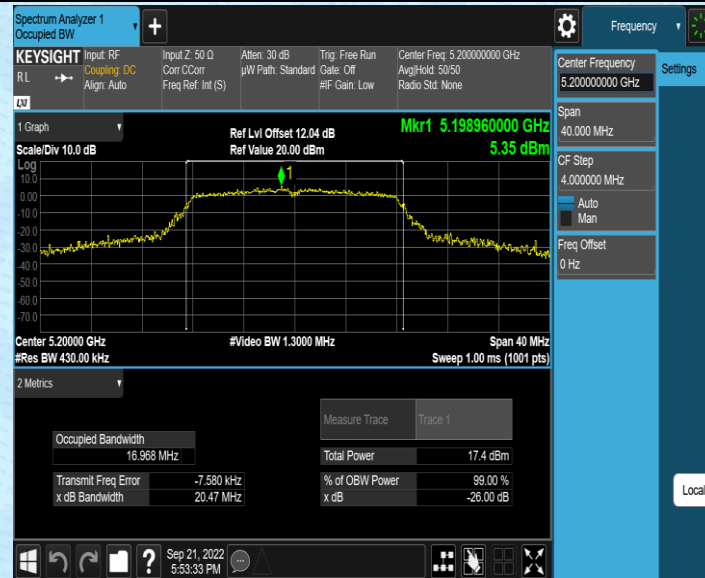
Test Graphs



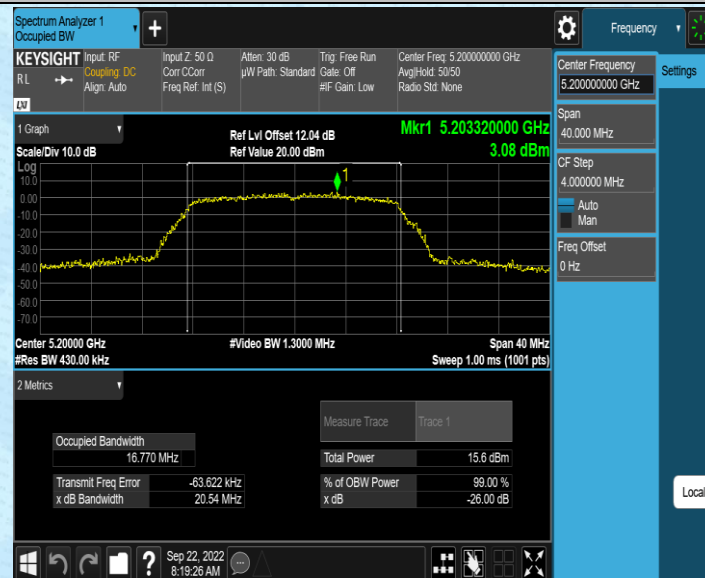
11A_Ant1_5180



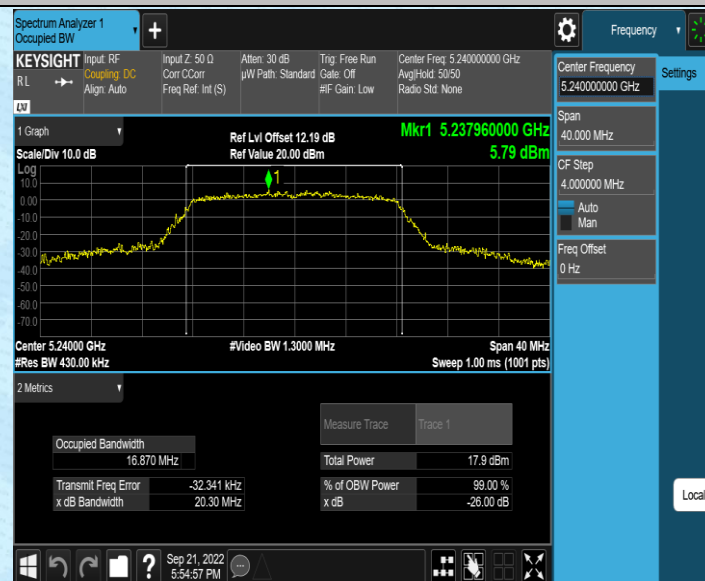
11A_Ant2_5180



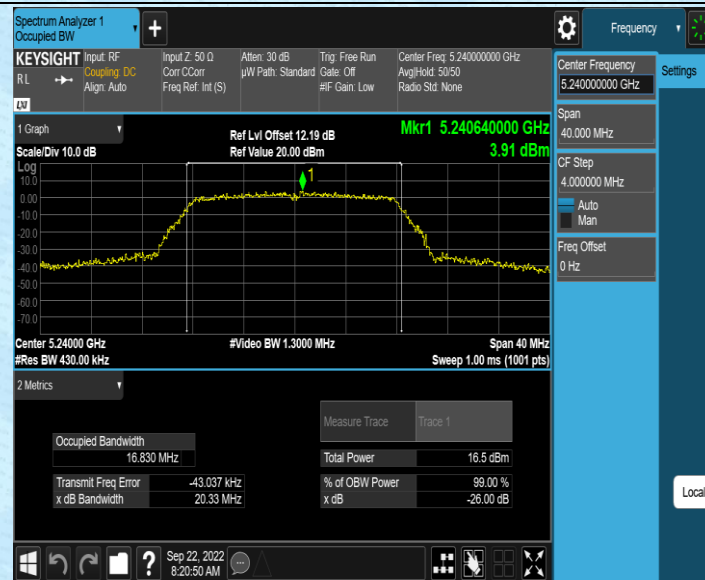
11A_Ant1_5200



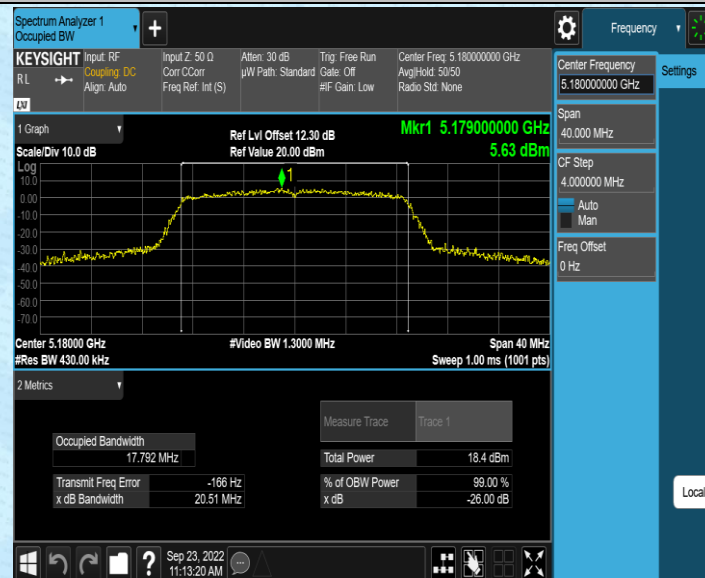
11A_Ant2_5200



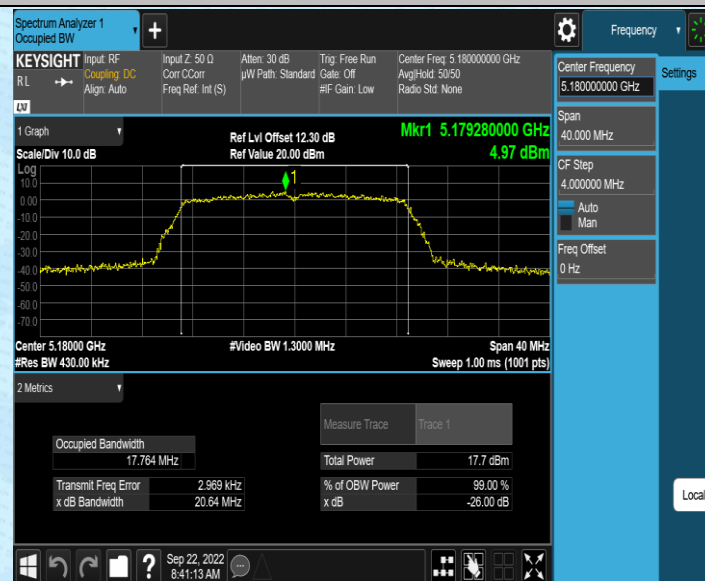
11A_Ant1_5240



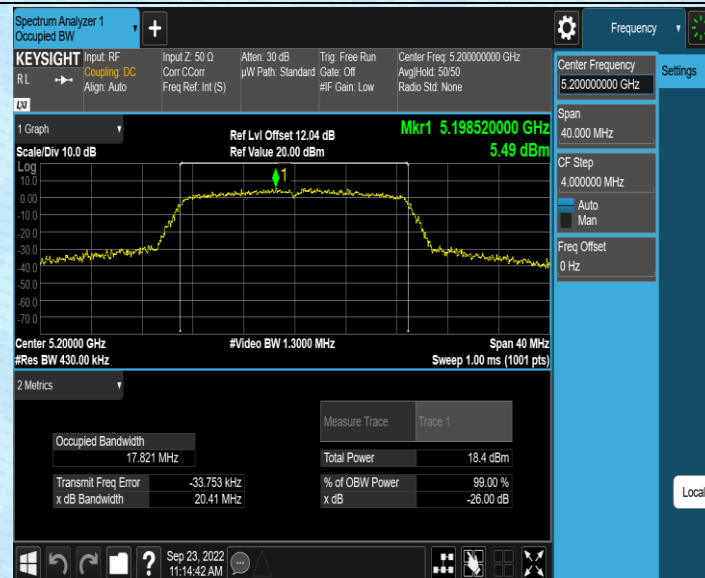
11A_Ant2_5240



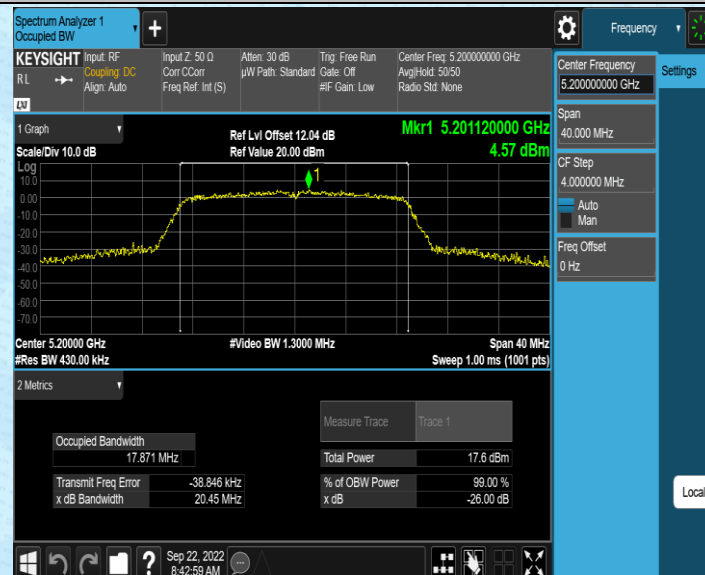
11N20SISO_Ant1_5180



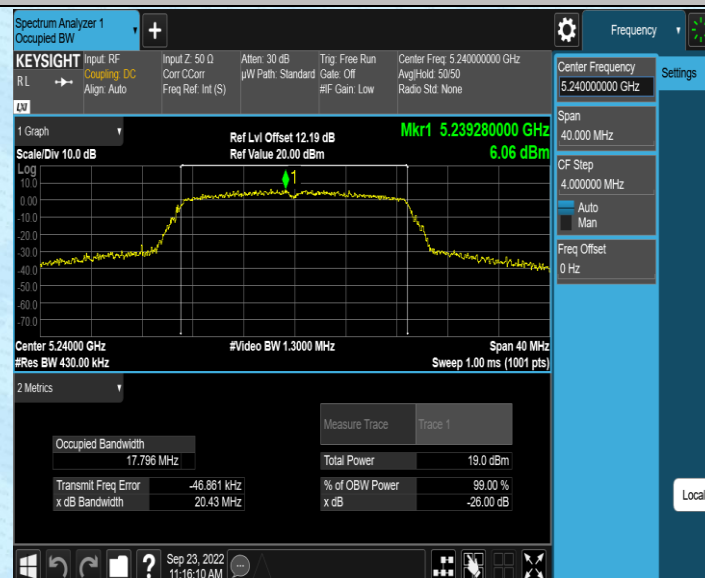
11N20SISO_Ant2_5180



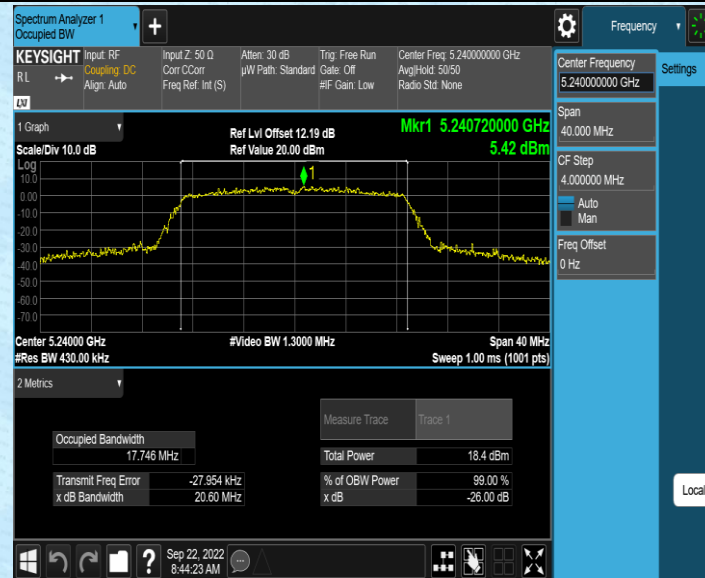
11N20SISO_Ant1_5200



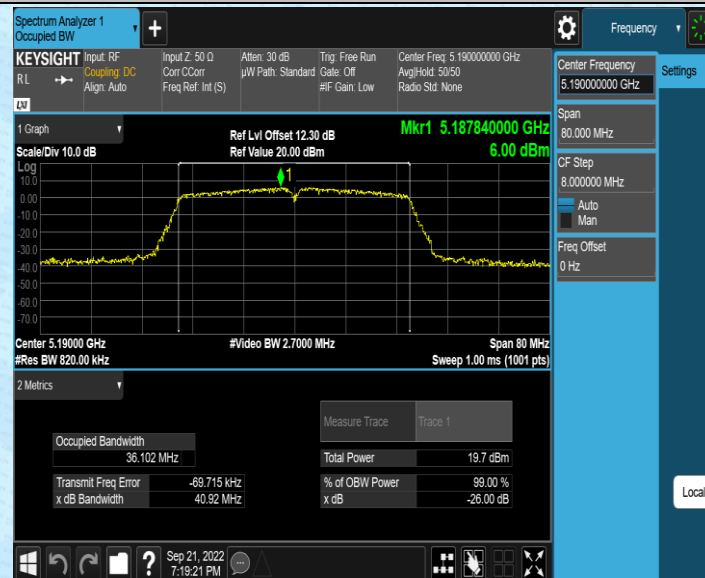
11N20SISO_Ant2_5200



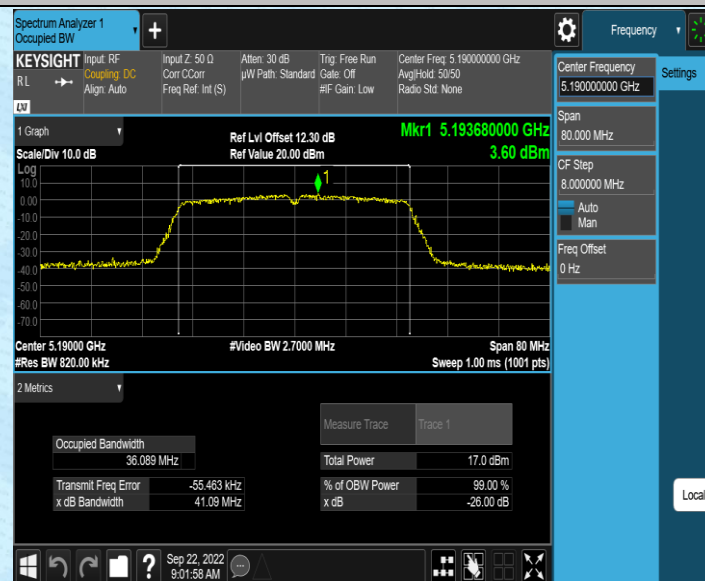
11N20SISO_Ant1_5240



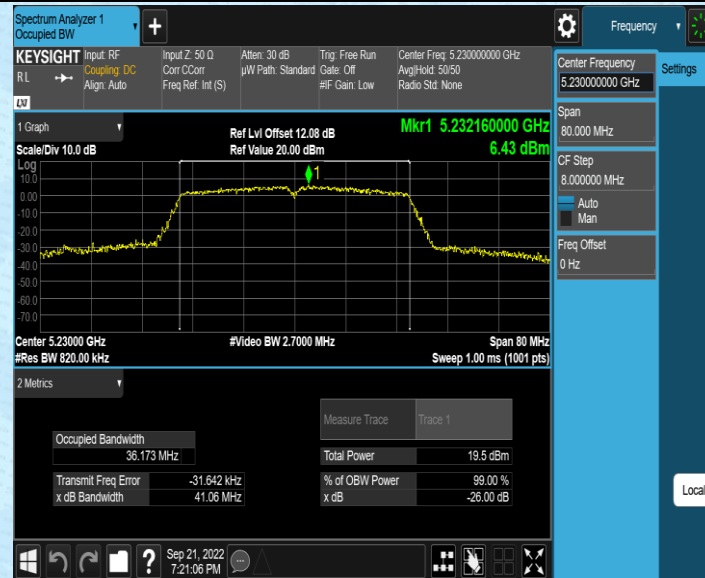
11N20SISO_Ant2_5240



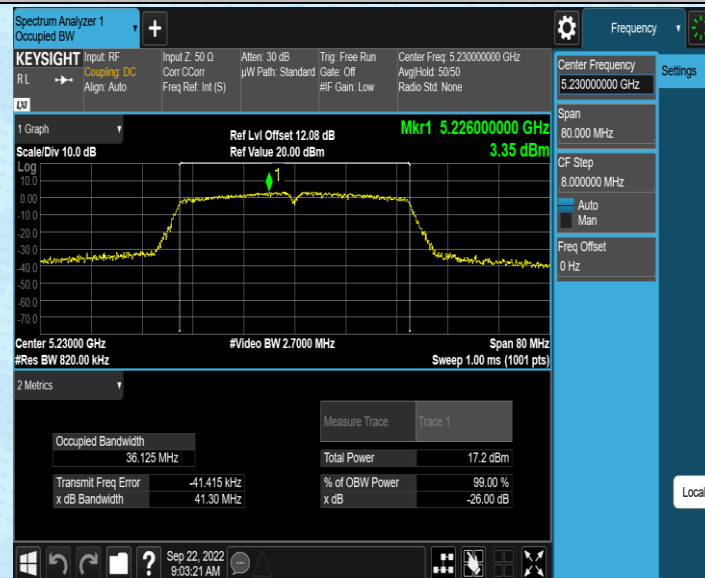
11N40SISO_Ant1_5190



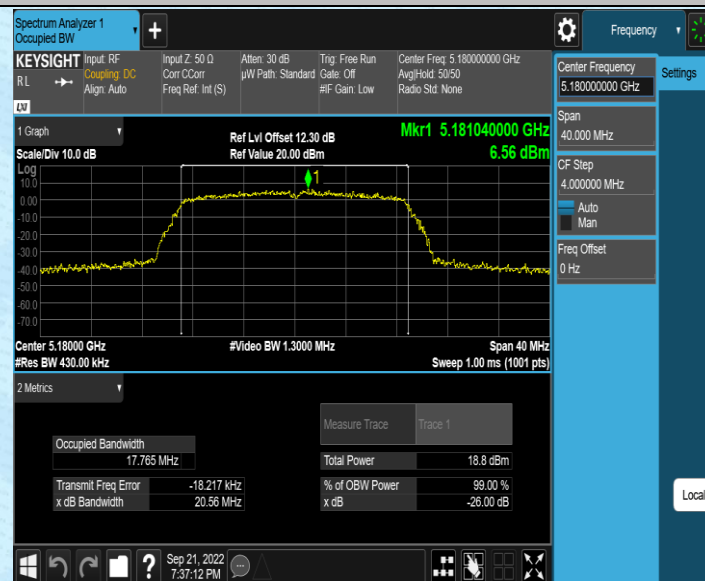
11N40SISO_Ant2_5190



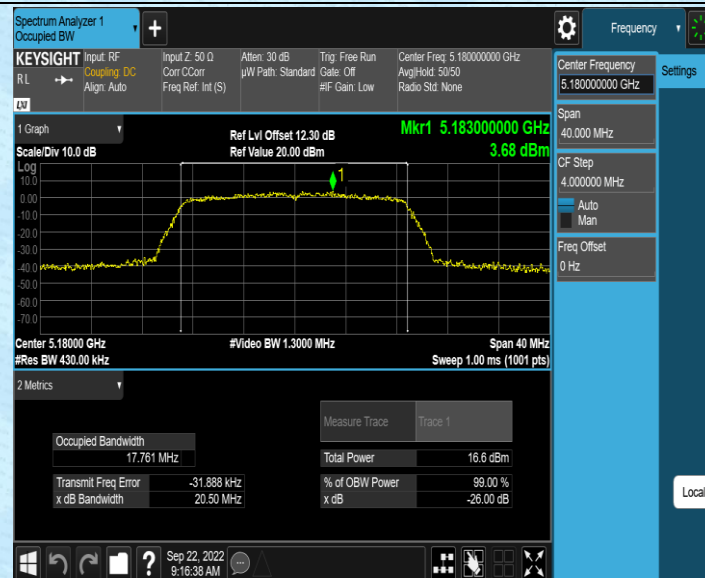
11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



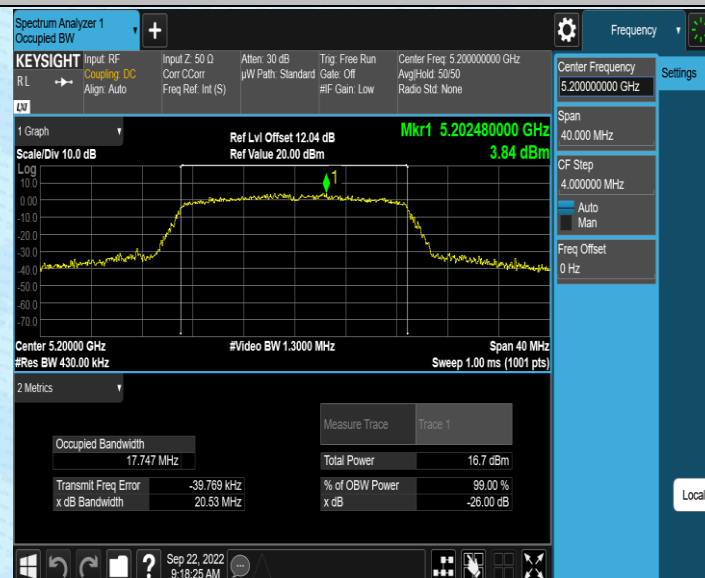
11AC20SISO_Ant1_5180



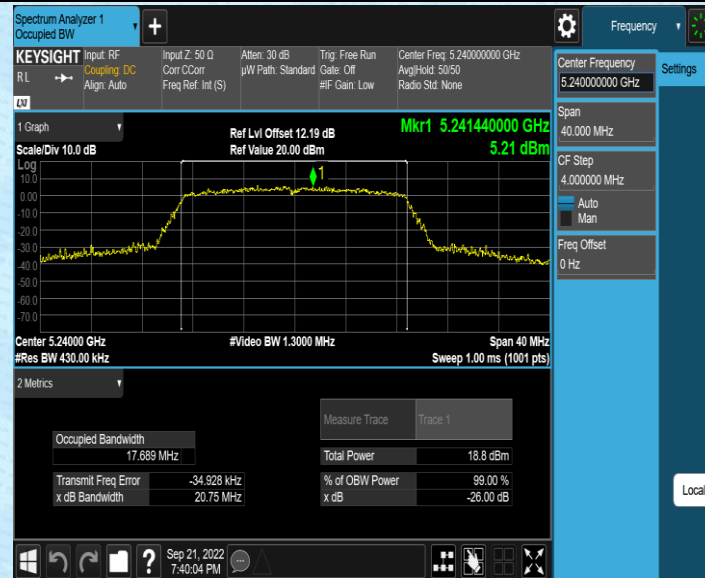
11AC20SISO_Ant2_5180



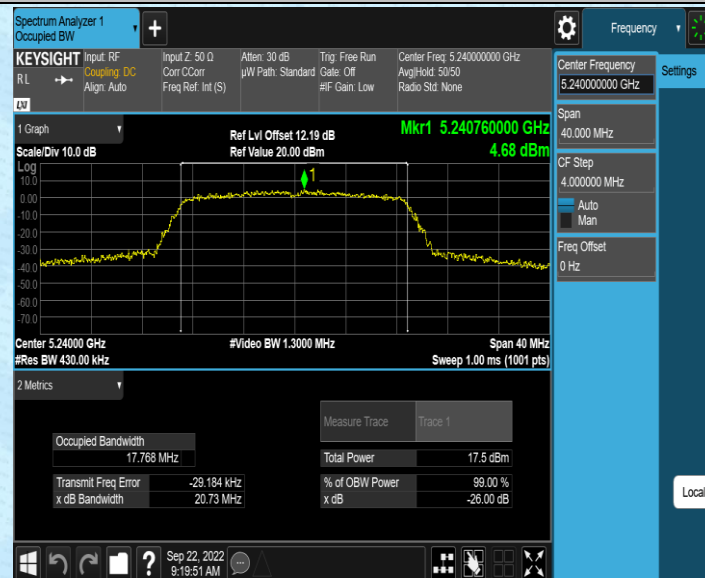
11AC20SISO_Ant1_5200



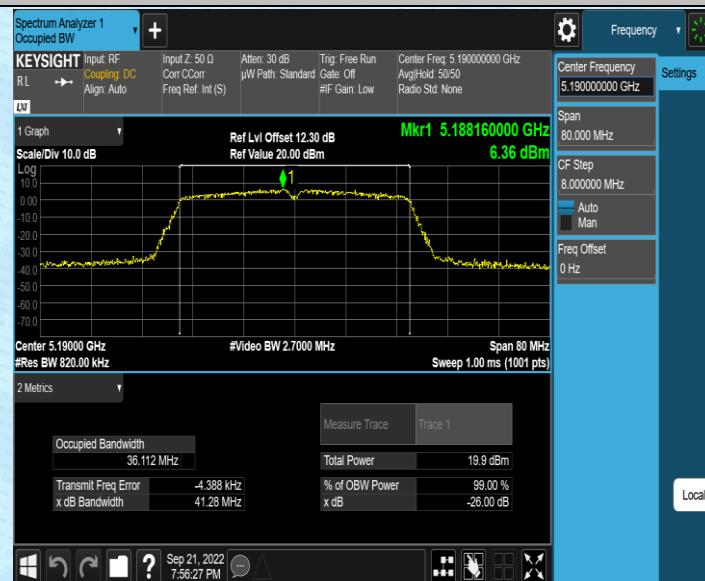
11AC20SISO_Ant2_5200



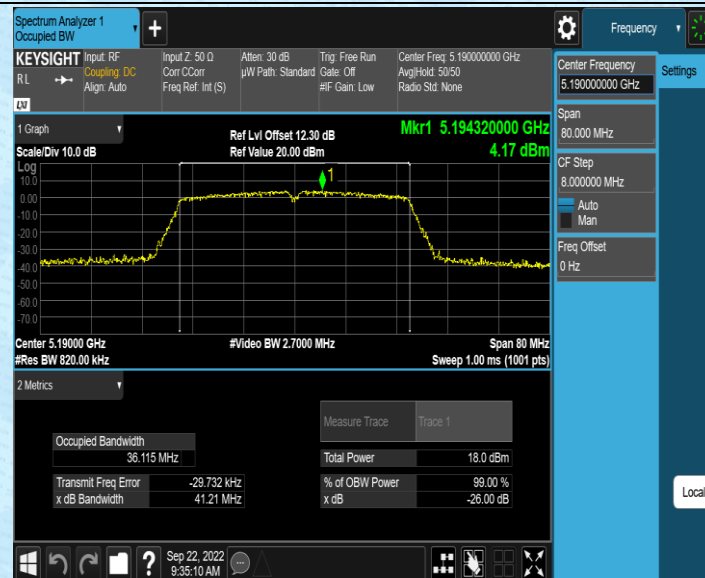
11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



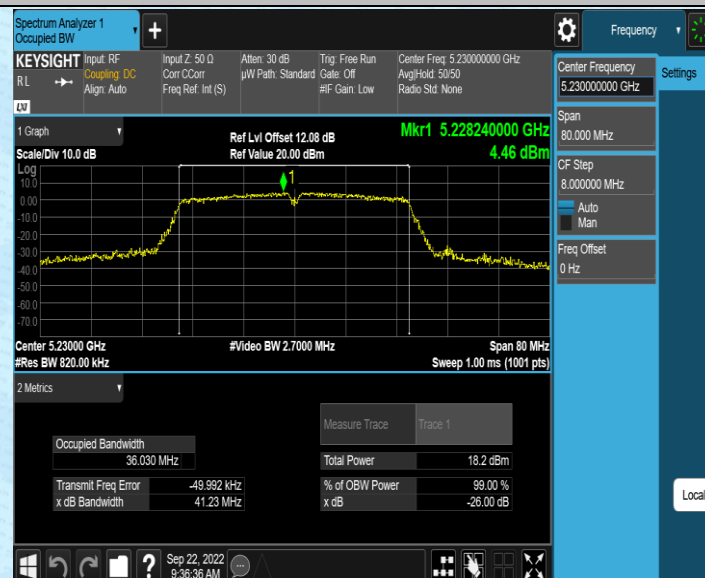
11AC40SISO_Ant1_5190



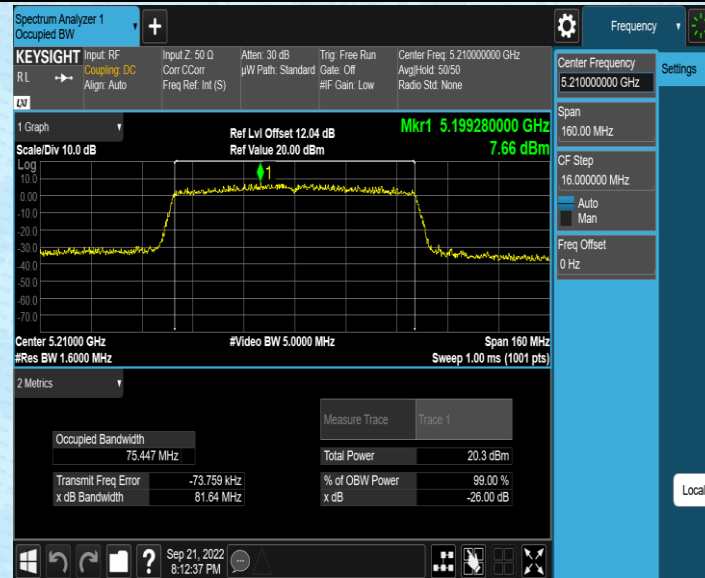
11AC40SISO_Ant2_5190



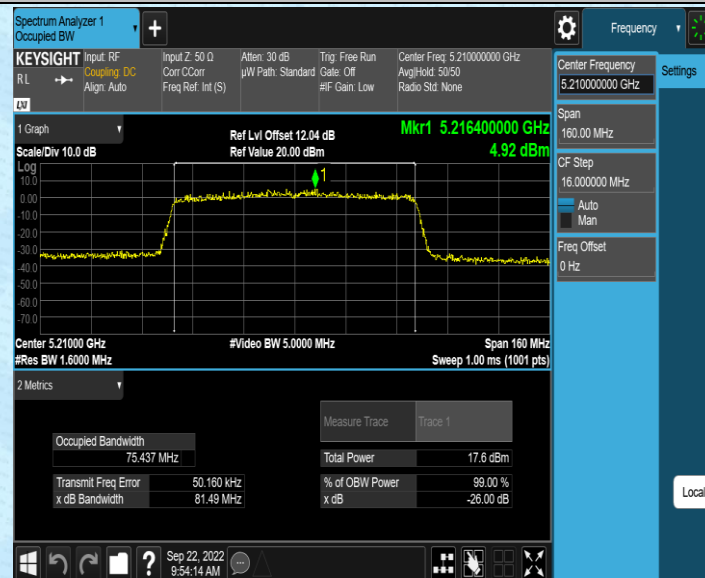
11AC40SISO_Ant1_5230



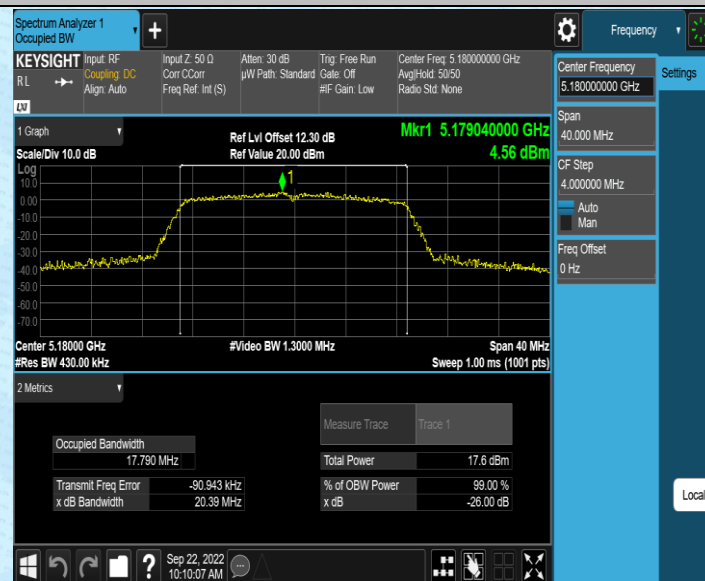
11AC40SISO_Ant2_5230



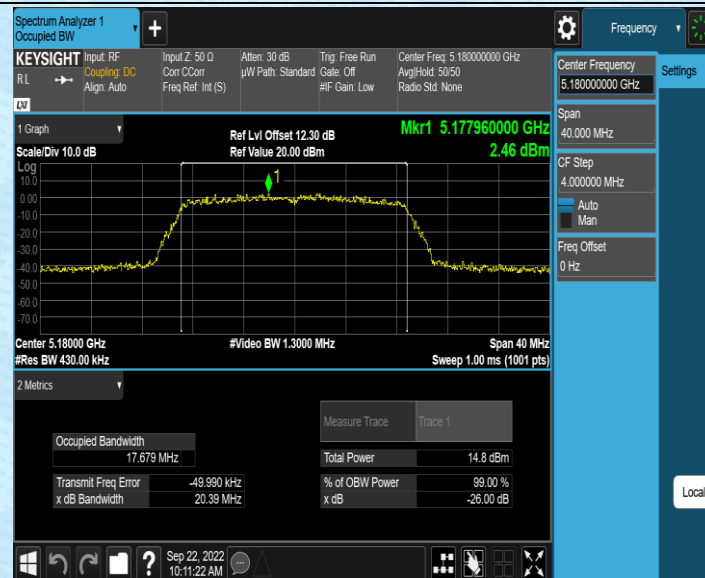
11AC80SISO_Ant1_5210



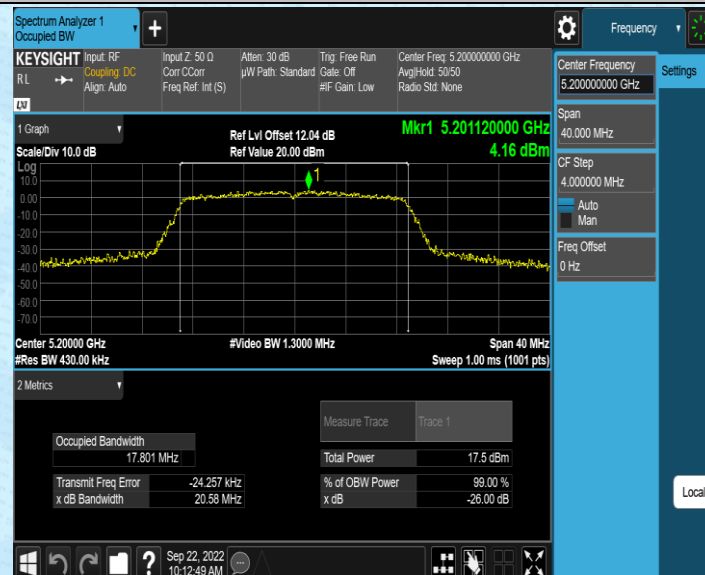
11AC80SISO_Ant2_5210



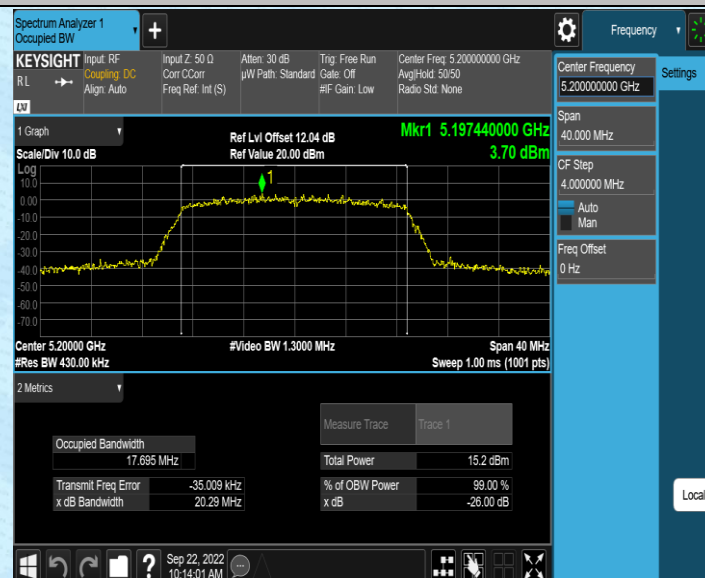
11N20MIMO_Ant1_5180



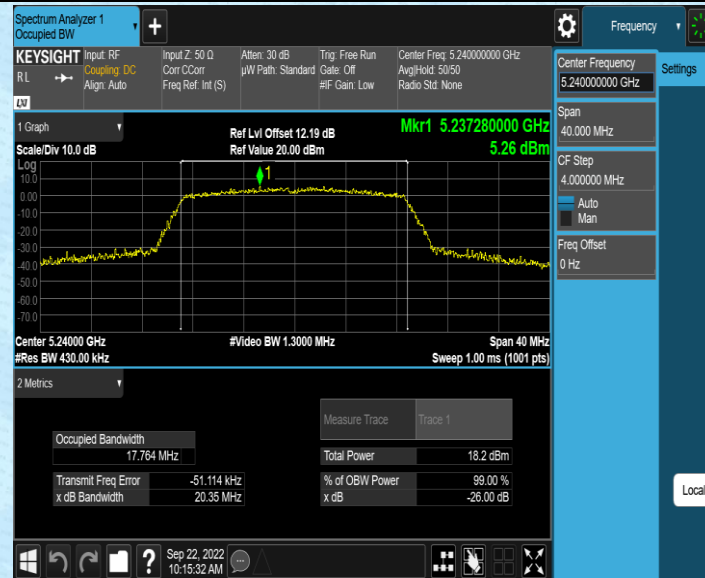
11N20MIMO_Ant2_5180



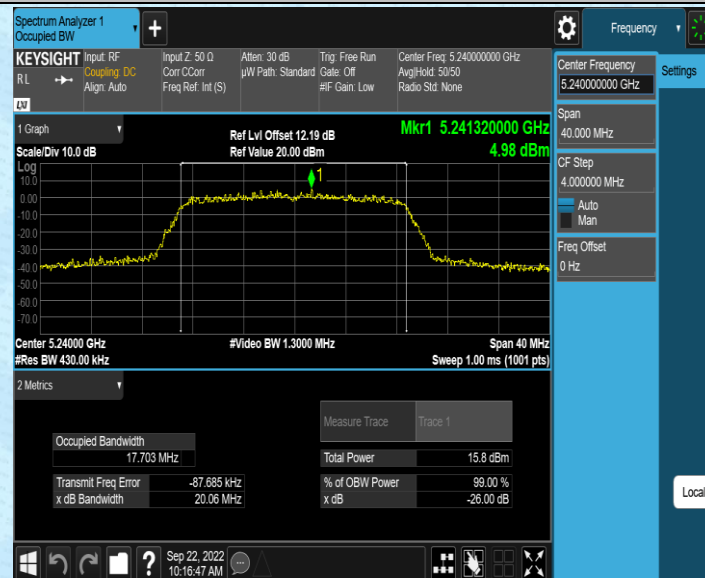
11N20MIMO_Ant1_5200



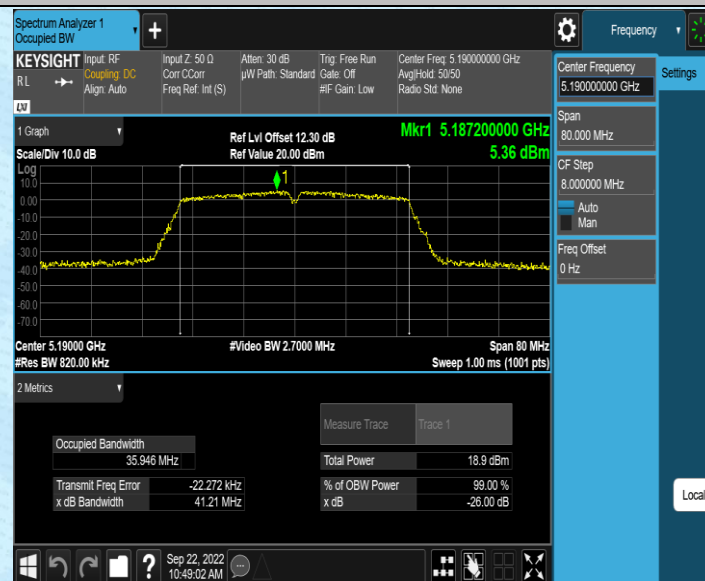
11N20MIMO_Ant2_5200



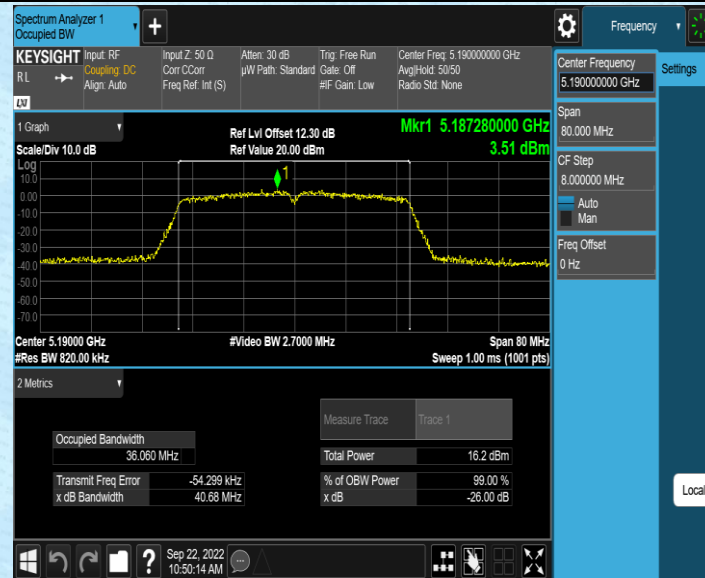
11N20MIMO_Ant1_5240



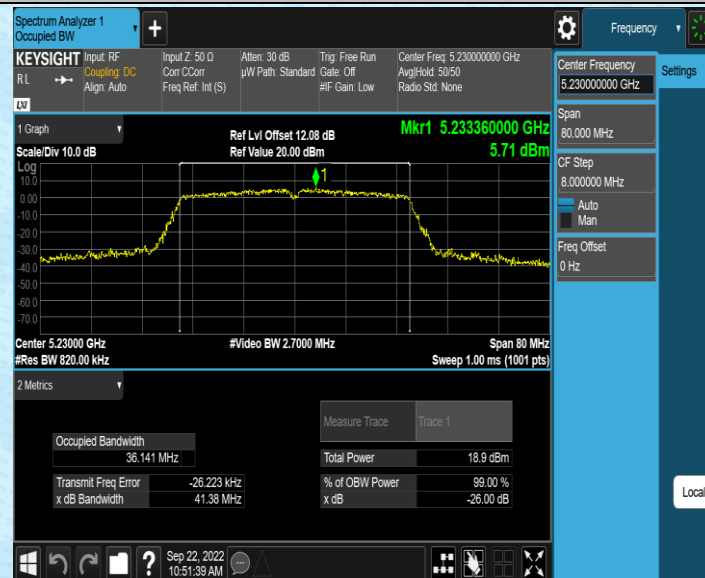
11N20MIMO_Ant2_5240



11N40MIMO_Ant1_5190



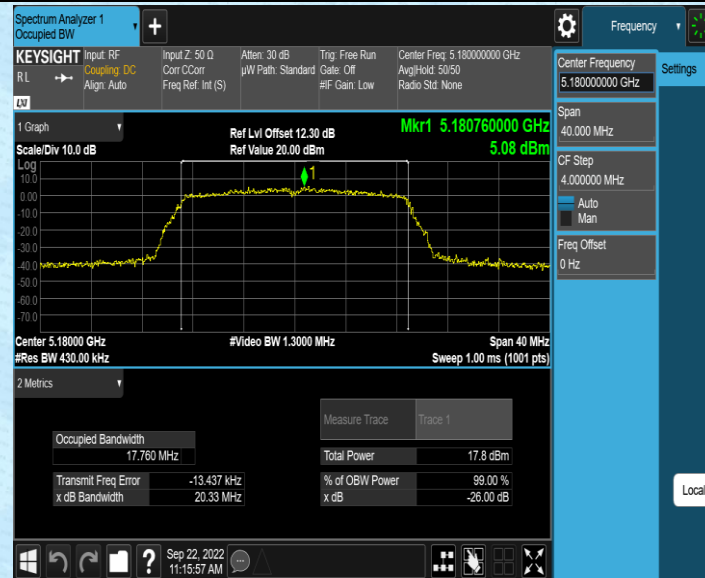
11N40MIMO_Ant2_5190



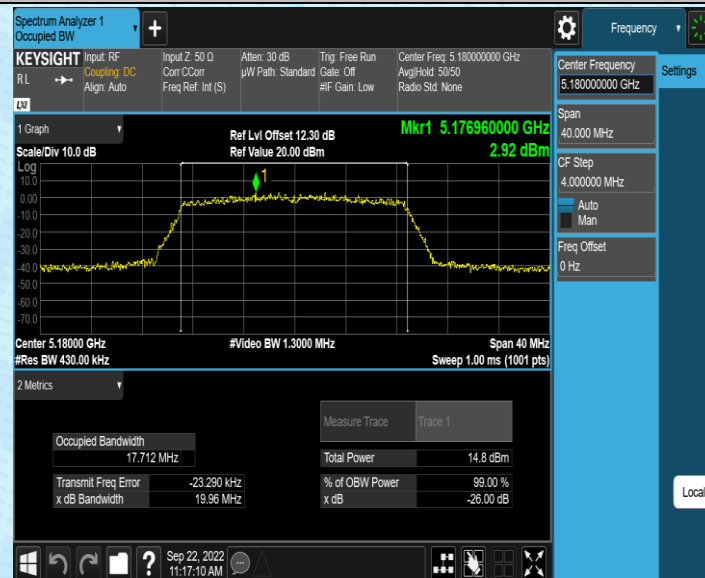
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



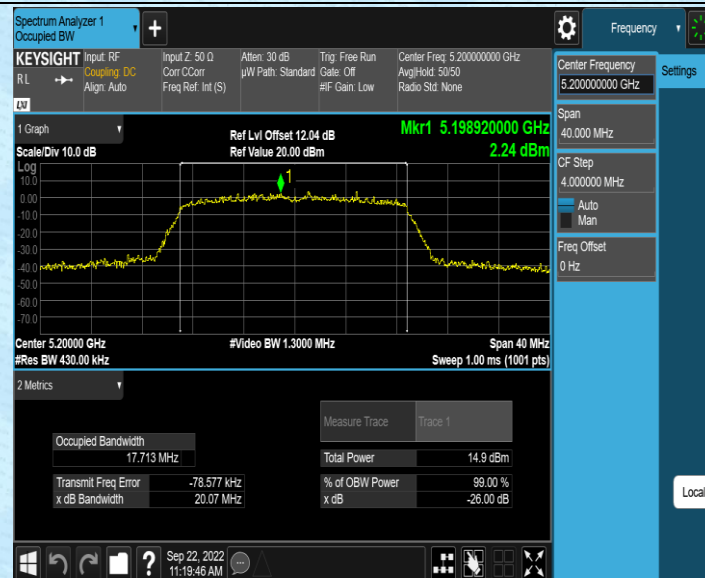
11AC20MIMO_Ant1_5180



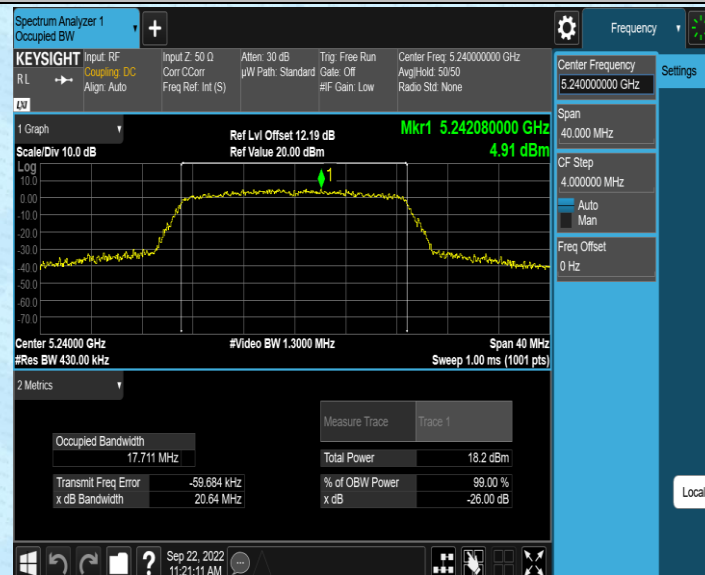
11AC20MIMO_Ant2_5180



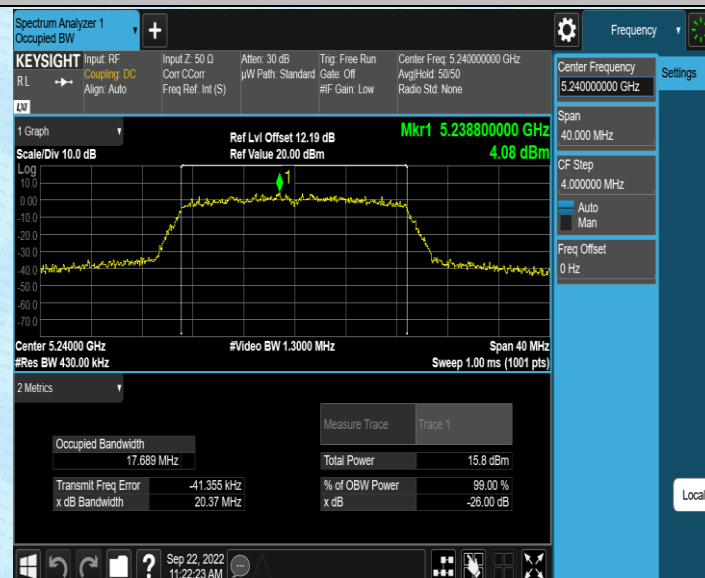
11AC20MIMO_Ant1_5200



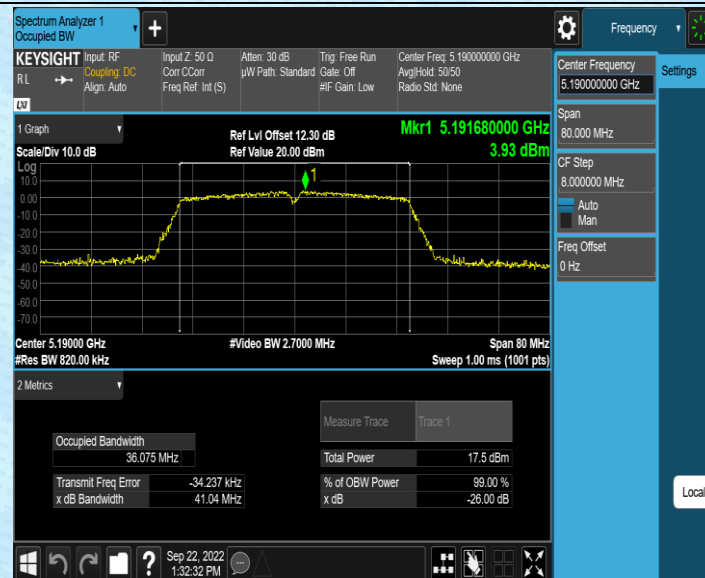
11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



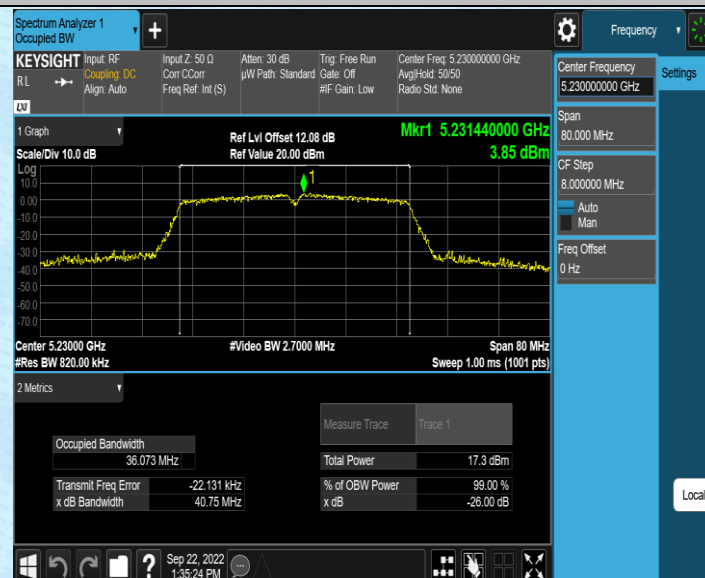
11AC20MIMO_Ant2_5240



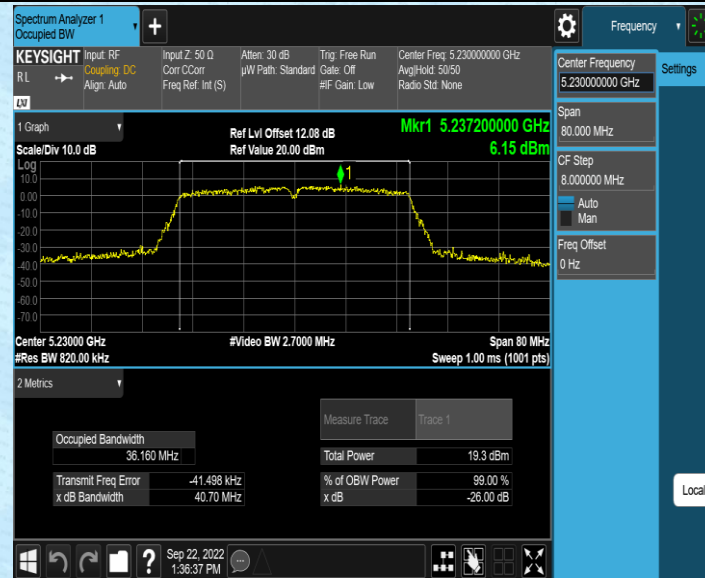
11AC40MIMO_Ant1_5190



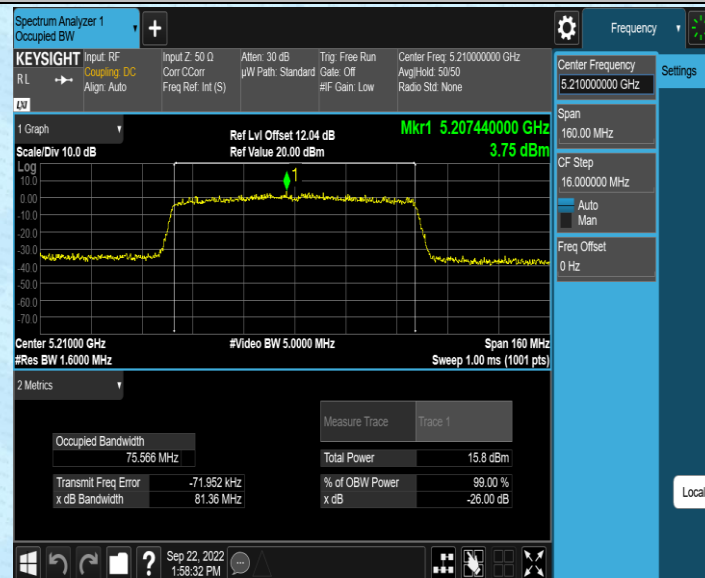
11AC40MIMO_Ant2_5190



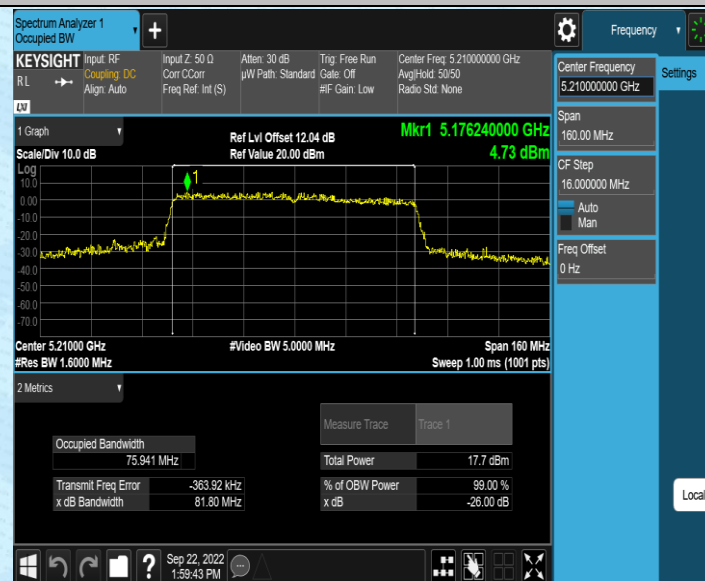
11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210

4.Maximum conducted output power

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	DC[%]	Power [dBm]	Gain [dBi]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	6Mbps	96.53	12.01	4.18	12.16	≤23.98	PASS
	Ant2	5180	6Mbps	96.50	10.12	6.73	10.27	≤23.25	PASS
	Ant1	5200	6Mbps	97.22	11.67	4.18	11.79	≤23.98	PASS
	Ant2	5200	6Mbps	97.22	10.04	6.73	10.16	≤23.25	PASS
	Ant1	5240	6Mbps	96.53	12.25	4.18	12.40	≤23.98	PASS
	Ant2	5240	6Mbps	96.53	10.77	6.73	10.92	≤23.25	PASS
11N20SIS O	Ant1	5180	MCS0	96.30	12.72	4.18	12.88	≤23.98	PASS
	Ant2	5180	MCS0	96.30	12.05	6.73	12.21	≤23.25	PASS
	Ant1	5200	MCS0	96.27	12.66	4.18	12.83	≤23.98	PASS
	Ant2	5200	MCS0	96.30	11.93	6.73	12.09	≤23.25	PASS
	Ant1	5240	MCS0	97.01	13.04	4.18	13.17	≤23.98	PASS
	Ant2	5240	MCS0	96.30	12.61	6.73	12.77	≤23.25	PASS
11N40SIS O	Ant1	5190	MCS0	94.20	13.17	4.18	13.43	≤23.98	PASS
	Ant2	5190	MCS0	92.75	10.47	6.73	10.80	≤23.25	PASS
	Ant1	5230	MCS0	94.20	13.01	4.18	13.27	≤23.98	PASS
	Ant2	5230	MCS0	92.86	10.56	6.73	10.88	≤23.25	PASS
11AC20SI SO	Ant1	5180	MCS0	96.32	13.13	4.18	13.29	≤23.98	PASS
	Ant2	5180	MCS0	96.32	10.99	6.73	11.15	≤23.25	PASS
	Ant1	5200	MCS0	97.04	12.84	4.18	12.97	≤23.98	PASS
	Ant2	5200	MCS0	97.06	11.01	6.73	11.14	≤23.25	PASS
	Ant1	5240	MCS0	97.04	13.04	4.18	13.17	≤23.98	PASS
	Ant2	5240	MCS0	96.32	11.73	6.73	11.89	≤23.25	PASS
11AC40SI SO	Ant1	5190	MCS0	94.20	13.23	4.18	13.49	≤23.98	PASS
	Ant2	5190	MCS0	94.20	11.33	6.73	11.59	≤23.25	PASS
	Ant1	5230	MCS0	94.20	13.03	4.18	13.29	≤23.98	PASS
	Ant2	5230	MCS0	94.29	11.60	6.73	11.86	≤23.25	PASS
11AC80SI SO	Ant1	5210	MCS0	89.19	12.96	4.18	13.46	≤23.98	PASS
	Ant2	5210	MCS0	86.49	10.38	6.73	11.01	≤23.25	PASS
11N20MI MO	Ant1	5180	MCS0	96.3	7.23	4.18	12.23	≤23.98	PASS
	Ant2	5180	MCS0	96.3	7.03	6.73	9.03	≤23.25	PASS
	total	5180	MCS0	/	/	8.56	13.93	≤21.42	PASS
	Ant1	5200	MCS0	97.01	7.05	4.18	12.05	≤23.98	PASS
	Ant2	5200	MCS0	96.3	7.30	6.73	9.30	≤23.25	PASS
	total	5200	MCS0	/	/	8.56	13.90	≤21.42	PASS
	Ant1	5240	MCS0	96.27	7.71	4.18	12.71	≤23.98	PASS
	Ant2	5240	MCS0	96.27	7.89	6.73	9.89	≤23.25	PASS

	total	5240	MCS0	/	/	8.56	14.53	≤21.42	PASS
11N40MI MO	Ant1	5190	MCS0	92.75	7.83	4.18	12.83	≤23.98	PASS
	Ant2	5190	MCS0	94.2	7.64	6.73	9.64	≤23.25	PASS
	total	5190	MCS0	/	/	8.56	14.53	≤21.42	PASS
	Ant1	5230	MCS0	94.2	7.48	4.18	12.48	≤23.98	PASS
	Ant2	5230	MCS0	94.2	7.76	6.73	9.76	≤23.25	PASS
	total	5230	MCS0	/	/	8.56	14.34	≤21.42	PASS
11AC20MI MO	Ant1	5180	MCS0	93.15	7.61	4.18	12.61	≤23.98	PASS
	Ant2	5180	MCS0	94.44	7.00	6.73	9.00	≤23.25	PASS
	total	5180	MCS0	/	/	8.56	14.50	≤21.42	PASS
	Ant1	5200	MCS0	94.44	6.97	4.18	11.97	≤23.98	PASS
	Ant2	5200	MCS0	93.15	7.36	6.73	9.36	≤23.25	PASS
	total	5200	MCS0	/	/	8.56	13.87	≤21.42	PASS
	Ant1	5240	MCS0	93.15	7.78	4.18	12.78	≤23.98	PASS
	Ant2	5240	MCS0	94.44	7.96	6.73	9.96	≤23.25	PASS
	total	5240	MCS0	/	/	8.56	14.61	≤21.42	PASS
11AC40MI MO	Ant1	5190	MCS0	89.74	6.36	4.18	11.36	≤23.98	PASS
	Ant2	5190	MCS0	89.74	8.75	6.73	12.75	≤23.25	PASS
	total	5190	MCS0	/	/	8.56	15.12	≤21.42	PASS
	Ant1	5230	MCS0	87.50	6.46	4.18	11.46	≤23.98	PASS
	Ant2	5230	MCS0	90.00	8.85	6.73	12.85	≤23.25	PASS
	total	5230	MCS0	/	/	8.56	15.22	≤21.42	PASS
11AC80MI MO	Ant1	5210	MCS0	78.26	6.91	4.18	9.91	≤23.98	PASS
	Ant2	5210	MCS0	82.61	8.05	6.73	11.05	≤23.25	PASS
	total	5210	MCS0	/	/	8.56	13.53	≤21.42	PASS

Note:

1.The Duty Cycle Factor has been compensated in the Test Result using the formula below:

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

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

3.It is explained in Part 15.407 that when the antenna gain is less than 6dBi, the Maximum conducted output power limit remains unchanged; when the antenna gain is greater than 6dBi, the greater part is subtracted from the Maximum conducted output power to obtain the final limit.

5.Maximum power spectral density

Test Result

TestMode	Antenna	Fre. [MHz]	Rate	DC Factor	EIRP PSD	Result	Limit	Verdict
11A	Ant1	5180	6Mbps	0.15	1.96dBm/MHz	-2.07dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5180	6Mbps	0.15	0.41dBm/MHz	-6.17dBm/MHz	≤10.27dBm/MHz	PASS
	Ant1	5200	6Mbps	0.12	1.6dBm/MHz	-2.46dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5200	6Mbps	0.12	0.15dBm/MHz	-6.46dBm/MHz	≤10.27dBm/MHz	PASS
	Ant1	5240	6Mbps	0.15	2.17dBm/MHz	-1.86dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5240	6Mbps	0.15	0.78dBm/MHz	-5.8dBm/MHz	≤10.27dBm/MHz	PASS
11N20MIMO	Ant1	5180	MCS0	0.16	2.03dBm/MHz	-2.15dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5180	MCS0	0.16	-1.13dBm/MHz	-7.86dBm/MHz	≤10.27dBm/MHz	PASS
	total	5180	MCS0	/	/	-1.12dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5200	MCS0	0.13	1.88dBm/MHz	-2.3dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5200	MCS0	0.16	-0.79dBm/MHz	-7.52dBm/MHz	≤10.27dBm/MHz	PASS
	total	5200	MCS0	/	/	-4.65dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5240	MCS0	0.17	2.6dBm/MHz	-1.58dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5240	MCS0	0.17	-0.68dBm/MHz	-7.41dBm/MHz	≤10.27dBm/MHz	PASS
	total	5240	MCS0	/	/	-4.09dBm/MHz	≤8.44dBm/MHz	PASS
11N40MIMO	Ant1	5190	MCS0	0.33	-0.39dBm/MHz	-4.48dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5190	MCS0	0.26	-3.59dBm/MHz	-10.32dBm/MHz	≤10.27dBm/MHz	PASS
	total	5190	MCS0	/	/	-6.95dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5230	MCS0	0.26	-0.46dBm/MHz	-4.58dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5230	MCS0	0.26	-3.37dBm/MHz	-10.1dBm/MHz	≤10.27dBm/MHz	PASS
	total	5230	MCS0	/	/	-6.98dBm/MHz	≤8.44dBm/MHz	PASS
11AC20MIMO	Ant1	5180	MCS0	0.31	2.21dBm/MHz	-1.97dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5180	MCS0	0.25	-1.33dBm/MHz	-8.06dBm/MHz	≤10.27dBm/MHz	PASS
	total	5180	MCS0	/	/	-4.46dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5200	MCS0	0.25	1.71dBm/MHz	-2.47dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5200	MCS0	0.31	-0.94dBm/MHz	-7.67dBm/MHz	≤10.27dBm/MHz	PASS
	total	5200	MCS0	/	/	-4.7dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5240	MCS0	0.31	2.71dBm/MHz	-1.47dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5240	MCS0	0.25	-0.06dBm/MHz	-6.79dBm/MHz	≤10.27dBm/MHz	PASS
	total	5240	MCS0	/	/	-3.73dBm/MHz	≤8.44dBm/MHz	PASS
11AC40MIMO	Ant1	5190	MCS0	0.47	-2.33dBm/MHz	-6.51dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5190	MCS0	0.47	-0.31dBm/MHz	-7.04dBm/MHz	≤10.27dBm/MHz	PASS
	total	5190	MCS0	/	/	-6.28dBm/MHz	≤8.44dBm/MHz	PASS
	Ant1	5230	MCS0	0.58	-2.13dBm/MHz	-6.31dBm/MHz	≤11.00dBm/MHz	PASS
	Ant2	5230	MCS0	0.46	-0.77dBm/MHz	-7.5dBm/MHz	≤10.27dBm/MHz	PASS
	total	5230	MCS0	/	/	-6.44dBm/MHz	≤8.44dBm/MHz	PASS