













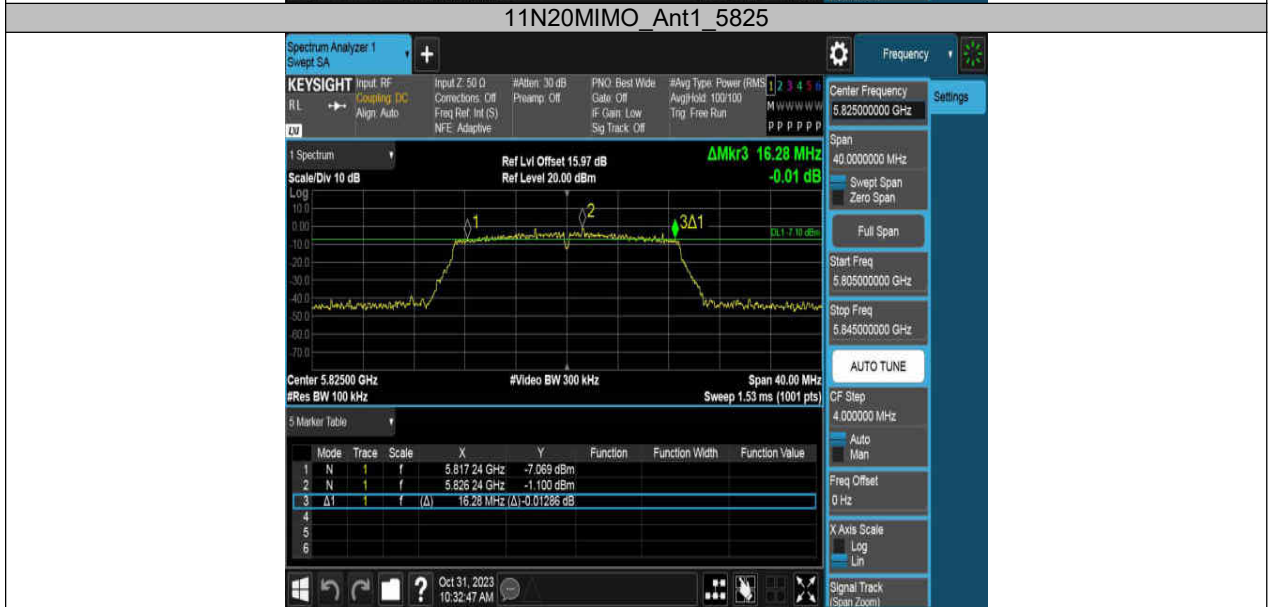


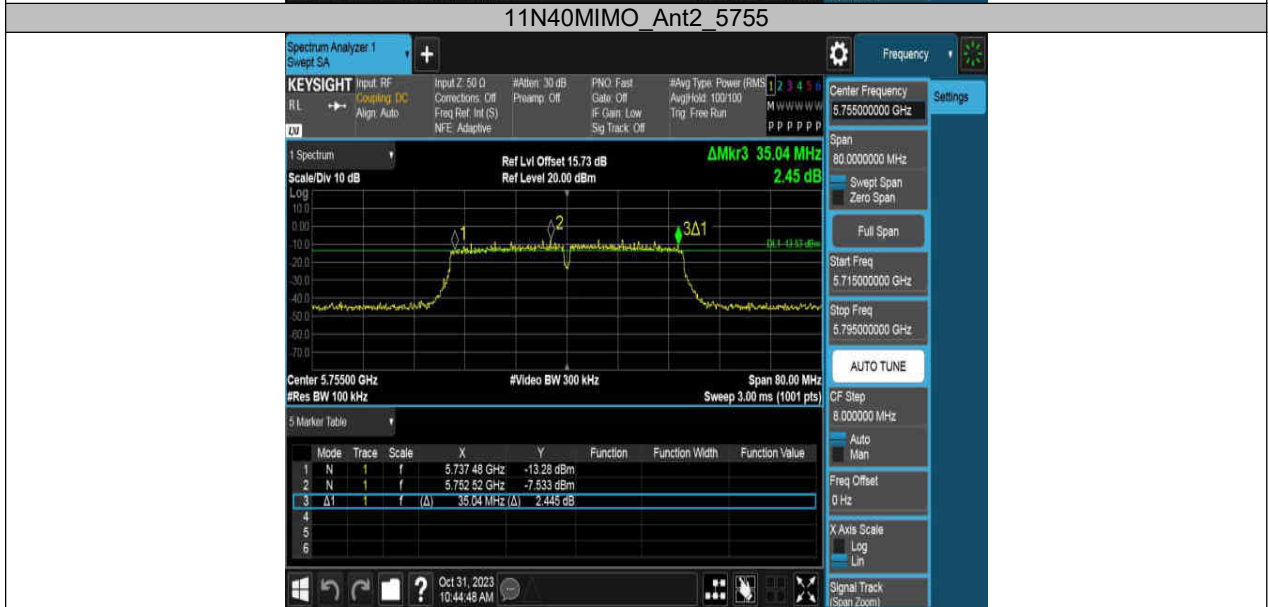
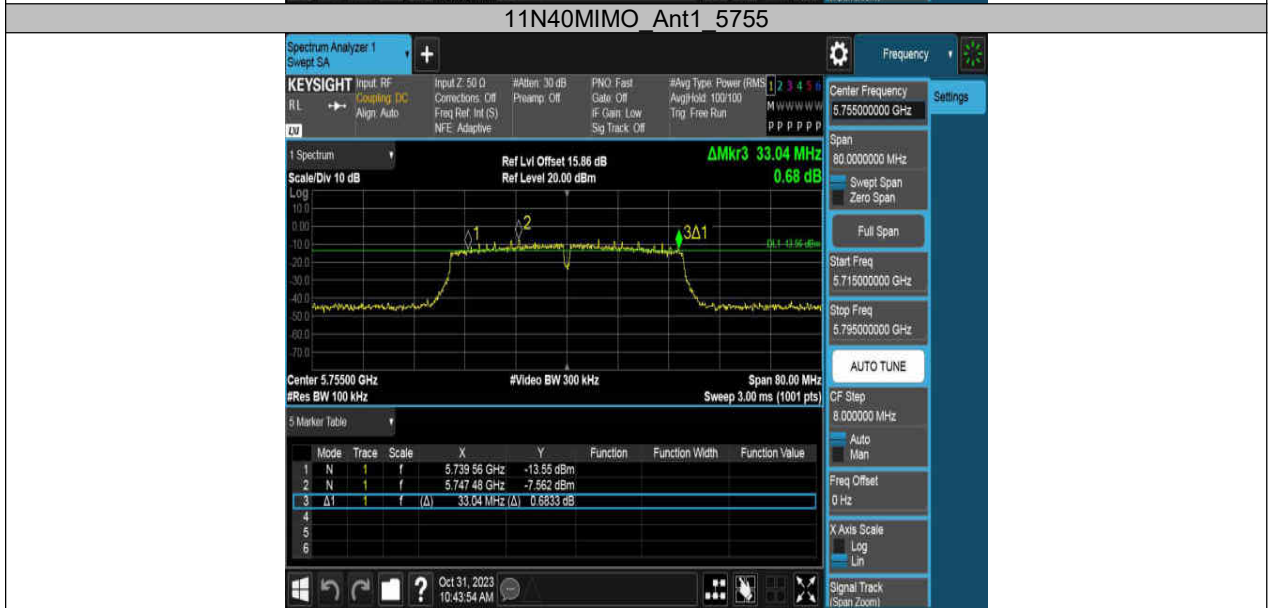
6dB Bandwidth:























## 10. Maximum Output Power

### 10.1. Block Diagram of Test Setup

Same as section 8.1

### 10.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	<input type="checkbox"/> Outdoor Access Point: 1 W (30 dBm)	5150-5250
	<input type="checkbox"/> Indoor Access Point: 1 W (30 dBm)	
	<input type="checkbox"/> Fixed Point-To-Point Access Points: 1 W (30 dBm)	
	<input checked="" type="checkbox"/> Client Devices: 250 mW (24 dBm)	
	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250-5350 5470-5725
	Shall not exceed 1 Watt (30 dBm).	5725-5850

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power or e.i.r.p.	The maximum e.i.r.p. shall not exceed 200 mW (23 dBm) or 10 + 10 log <sub>10</sub> B, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.	5150-5250
	a. The maximum conducted output power shall not exceed 250 mW (24 dBm) or 11 + 10 log <sub>10</sub> B dBm, whichever is less.	5250-5350
	b. The maximum e.i.r.p. shall not exceed 1.0 W (30 dBm) or 17 + 10 log <sub>10</sub> B dBm, whichever is less. B is the 99 % emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.	5250-5350 5470-5600 5650-5725
	Shall not exceed 1 Watt (30 dBm). The e.i.r.p. shall not exceed 4 W	5725-5850

Note: The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 10.3. Test Procedure

- (1) Connect each EUT's antenna output to power meter by RF cable and attenuator
- (2) Add each antenna port's results to get the total output power of EUT.

## 10.4. Test Result

Test Mode	Ant.	Freq. (MHz)	Channel Power (dBm)	DC Factor (dBm)	Result (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict	
11A	Ant1	5180	11.36	0.12	11.48	≤23.98	16.04	≤22.27	PASS	
	Ant2	5180	11.45	0.12	11.57	≤23.98	14.37	≤22.22	PASS	
	Ant1	5200	11.13	0.12	11.25	≤23.98	15.81	≤22.23	PASS	
	Ant2	5200	11.27	0.15	11.42	≤23.98	14.22	≤22.25	PASS	
	Ant1	5240	10.93	0.15	11.08	≤23.98	15.64	≤22.27	PASS	
	Ant2	5240	11.47	0.12	11.59	≤23.98	14.39	≤22.26	PASS	
	Ant1	5260	11.19	0.15	11.34	≤23.98	15.90	≤26.99	PASS	
	Ant2	5260	11.55	0.12	11.67	≤23.94	14.47	≤26.99	PASS	
	Ant1	5280	11.17	0.15	11.32	≤23.98	15.88	≤26.99	PASS	
	Ant2	5280	11.43	0.12	11.55	≤23.98	14.35	≤26.99	PASS	
	Ant1	5320	11.30	0.12	11.42	≤23.98	15.98	≤26.99	PASS	
	Ant2	5320	11.30	0.12	11.42	≤23.97	14.22	≤26.99	PASS	
	Ant1	5500	11.19	0.15	11.34	≤23.98	15.90	≤26.99	PASS	
	Ant2	5500	11.15	0.12	11.27	≤23.98	14.07	≤26.99	PASS	
	Ant1	5580	11.09	0.15	11.24	≤23.97	15.80	≤26.99	PASS	
	Ant2	5580	10.85	0.15	11.00	≤23.96	13.80	≤26.99	PASS	
	Ant1	5700	11.30	0.12	11.42	≤23.97	15.98	≤26.99	PASS	
	Ant2	5700	10.98	0.15	11.13	≤23.98	13.93	≤26.99	PASS	
	Ant1	5720_U NII-2C	10.61	0.12	10.73	≤22.64	15.29	≤26.99	PASS	
	Ant2	5720_U NII-2C	10.21	0.15	10.36	≤22.73	13.16	≤26.99	PASS	
	Ant1	5720_U NII-3	2.97	0.12	3.09	≤30.00	7.65	---	PASS	
	Ant2	5720_U NII-3	2.51	0.15	2.66	≤30.00	5.46	---	PASS	
	Ant1	5745	11.33	0.15	11.48	≤30.00	16.04	---	PASS	
	Ant2	5745	10.86	0.12	10.98	≤30.00	13.78	---	PASS	
	Ant1	5785	11.27	0.15	11.42	≤30.00	15.98	---	PASS	
	Ant2	5785	10.97	0.15	11.12	≤30.00	13.92	---	PASS	
	Ant1	5825	11.15	0.12	11.27	≤30.00	15.83	---	PASS	
	Ant2	5825	10.85	0.15	11.00	≤30.00	13.80	---	PASS	
	11N20MI MO	Ant1	5180	5.58	0.13	5.71	≤23.98	10.27	≤22.49	PASS
		Ant2	5180	5.62	0.13	5.75	≤23.98	8.55	≤22.48	PASS
total		5180	---	---	8.74	≤23.98	13.30	≤22.48	PASS	
Ant1		5200	6.39	0.17	6.56	≤23.98	11.12	≤22.49	PASS	
Ant2		5200	6.50	0.13	6.63	≤23.98	9.43	≤22.46	PASS	
total		5200	---	---	9.61	≤23.98	14.17	≤22.46	PASS	
Ant1		5240	6.31	0.13	6.44	≤23.98	11.00	≤22.49	PASS	
Ant2		5240	6.60	0.17	6.77	≤23.98	9.57	≤22.47	PASS	
total		5240	---	---	9.62	≤23.98	14.18	≤22.47	PASS	
Ant1		5260	6.42	0.13	6.55	≤23.98	11.11	≤26.99	PASS	
Ant2		5260	6.70	0.13	6.83	≤23.98	9.63	≤26.99	PASS	
total		5260	---	---	9.70	≤23.98	14.26	≤26.99	PASS	
Ant1		5280	6.32	0.17	6.49	≤23.98	11.05	≤26.99	PASS	
Ant2		5280	6.53	0.17	6.70	≤23.98	9.50	≤26.99	PASS	
total		5280	---	---	9.61	≤23.98	14.17	≤26.99	PASS	
Ant1		5320	6.31	0.17	6.48	≤23.98	11.04	≤26.99	PASS	
Ant2		5320	6.38	0.13	6.51	≤23.98	9.31	≤26.99	PASS	
total		5320	---	---	9.51	≤23.98	14.07	≤26.99	PASS	
Ant1		5500	6.24	0.13	6.37	≤23.98	10.93	≤26.99	PASS	
Ant2		5500	6.22	0.17	6.39	≤23.98	9.19	≤26.99	PASS	
total		5500	---	---	9.39	≤23.98	13.95	≤26.99	PASS	
Ant1		5580	6.48	0.13	6.61	≤23.98	11.17	≤26.99	PASS	
Ant2		5580	6.33	0.13	6.46	≤23.98	9.26	≤26.99	PASS	
total		5580	---	---	9.55	≤23.98	14.11	≤26.99	PASS	

	Ant1	5700	6.82	0.13	6.95	≤23.98	11.51	≤26.99	PASS
	Ant2	5700	6.48	0.17	6.65	≤23.94	9.45	≤26.99	PASS
	total	5700	---	---	9.81	≤23.98	14.37	≤26.99	PASS
	Ant1	5720_U NII-2C	6.00	0.13	6.13	≤22.75	10.69	≤26.99	PASS
	Ant2	5720_U NII-2C	5.73	0.13	5.86	≤22.77	8.66	≤26.99	PASS
	total	5720_U NII-2C	---	---	9.01	≤23.98	13.57	≤26.99	PASS
	Ant1	5720_U NII-3	-1.17	0.13	-1.04	≤30.00	3.52	---	PASS
	Ant2	5720_U NII-3	-2.32	0.13	-2.19	≤30.00	0.61	---	PASS
	total	5720_U NII-3	---	---	1.43	≤30.00	5.99	---	PASS
	Ant1	5745	6.87	0.17	7.04	≤30.00	11.60	---	PASS
	Ant2	5745	6.40	0.17	6.57	≤30.00	9.37	---	PASS
	total	5745	---	---	9.82	≤30.00	14.38	---	PASS
	Ant1	5785	6.71	0.17	6.88	≤30.00	11.44	---	PASS
	Ant2	5785	6.50	0.13	6.63	≤30.00	9.43	---	PASS
	total	5785	---	---	9.77	≤30.00	14.33	---	PASS
	Ant1	5825	6.61	0.13	6.74	≤30.00	11.30	---	PASS
	Ant2	5825	6.34	0.17	6.51	≤30.00	9.31	---	PASS
	total	5825	---	---	9.64	≤30.00	14.20	---	PASS
11N40MI MO	Ant1	5190	6.97	0.26	7.23	≤23.98	11.79	≤23.01	PASS
	Ant2	5190	6.98	0.26	7.24	≤23.98	10.04	≤23.01	PASS
	total	5190	---	---	10.25	≤23.98	14.81	≤23.01	PASS
	Ant1	5230	6.84	0.26	7.10	≤23.98	11.66	≤23.01	PASS
	Ant2	5230	7.15	0.33	7.48	≤23.98	10.28	≤23.01	PASS
	total	5230	---	---	10.30	≤23.98	14.86	≤23.01	PASS
	Ant1	5270	6.78	0.26	7.04	≤23.98	11.60	≤26.99	PASS
	Ant2	5270	6.93	0.26	7.19	≤23.98	9.99	≤26.99	PASS
	total	5270	---	---	10.13	≤23.98	14.69	≤26.99	PASS
	Ant1	5310	6.75	0.33	7.08	≤23.98	11.64	≤26.99	PASS
	Ant2	5310	6.81	0.33	7.14	≤23.98	9.94	≤26.99	PASS
	total	5310	---	---	10.12	≤23.98	14.68	≤26.99	PASS
	Ant1	5510	6.58	0.26	6.84	≤23.98	11.40	≤26.99	PASS
	Ant2	5510	6.37	0.33	6.70	≤23.98	9.50	≤26.99	PASS
	total	5510	---	---	9.78	≤23.98	14.34	≤26.99	PASS
	Ant1	5550	6.73	0.33	7.06	≤23.98	11.62	≤26.99	PASS
	Ant2	5550	6.19	0.33	6.52	≤23.98	9.32	≤26.99	PASS
	total	5550	---	---	9.81	≤23.98	14.37	≤26.99	PASS
	Ant1	5670	6.81	0.26	7.07	≤23.98	11.63	≤26.99	PASS
	Ant2	5670	6.29	0.33	6.62	≤23.98	9.42	≤26.99	PASS
	total	5670	---	---	9.86	≤23.98	14.42	≤26.99	PASS
	Ant1	5710_U NII-2C	6.51	0.33	6.84	≤23.98	11.40	≤26.99	PASS
	Ant2	5710_U NII-2C	6.38	0.26	6.64	≤23.98	9.44	≤26.99	PASS
	total	5710_U NII-2C	---	---	9.75	≤23.98	14.31	≤26.99	PASS
	Ant1	5710_U NII-3	-5.98	0.33	-5.65	≤30.00	-1.09	---	PASS
	Ant2	5710_U NII-3	-7.54	0.26	-7.28	≤30.00	-4.48	---	PASS
	total	5710_U NII-3	---	---	-3.38	≤30.00	1.18	---	PASS
	Ant1	5755	6.80	0.33	7.13	≤30.00	11.69	---	PASS
	Ant2	5755	6.34	0.26	6.60	≤30.00	9.40	---	PASS
	total	5755	---	---	9.88	≤30.00	14.44	---	PASS
	Ant1	5795	6.80	0.33	7.13	≤30.00	11.69	---	PASS

	Ant2	5795	6.51	0.33	6.84	≤30.00	9.64	---	PASS	
	total	5795	---	---	10.00	≤30.00	14.56	---	PASS	
11AC20M IMO	Ant1	5180	6.71	0.25	6.96	≤23.98	11.52	≤22.48	PASS	
	Ant2	5180	6.69	0.31	7.00	≤23.98	9.80	≤22.49	PASS	
	total	5180	---	---	9.99	≤23.98	14.55	≤22.48	PASS	
	Ant1	5200	6.54	0.25	6.79	≤23.98	11.35	≤22.50	PASS	
	Ant2	5200	6.71	0.25	6.96	≤23.98	9.76	≤22.48	PASS	
	total	5200	---	---	9.89	≤23.98	14.45	≤22.48	PASS	
	Ant1	5240	6.41	0.25	6.66	≤23.98	11.22	≤22.49	PASS	
	Ant2	5240	6.75	0.31	7.06	≤23.98	9.86	≤22.46	PASS	
	total	5240	---	---	9.87	≤23.98	14.43	≤22.46	PASS	
	Ant1	5260	6.62	0.31	6.93	≤23.97	11.49	≤26.99	PASS	
	Ant2	5260	6.83	0.31	7.14	≤23.97	9.94	≤26.99	PASS	
	total	5260	---	---	10.05	≤23.98	14.61	≤26.99	PASS	
	Ant1	5280	6.46	0.25	6.71	≤23.96	11.27	≤26.99	PASS	
	Ant2	5280	6.59	0.31	6.90	≤23.97	9.70	≤26.99	PASS	
	total	5280	---	---	9.82	≤23.98	14.38	≤26.99	PASS	
	Ant1	5320	6.48	0.25	6.73	≤23.98	11.29	≤26.99	PASS	
	Ant2	5320	6.49	0.25	6.74	≤23.98	9.54	≤26.99	PASS	
	total	5320	---	---	9.75	≤23.98	14.31	≤26.99	PASS	
	Ant1	5500	6.37	0.25	6.62	≤23.97	11.18	≤26.99	PASS	
	Ant2	5500	6.25	0.31	6.56	≤23.98	9.36	≤26.99	PASS	
	total	5500	---	---	9.60	≤23.98	14.16	≤26.99	PASS	
	Ant1	5580	6.26	0.31	6.57	≤23.98	11.13	≤26.99	PASS	
	Ant2	5580	6.11	0.25	6.36	≤23.95	9.16	≤26.99	PASS	
	total	5580	---	---	9.48	≤23.98	14.04	≤26.99	PASS	
	Ant1	5700	6.45	0.25	6.70	≤23.98	11.26	≤26.99	PASS	
	Ant2	5700	6.14	0.25	6.39	≤23.93	9.19	≤26.99	PASS	
	total	5700	---	---	9.56	≤23.98	14.12	≤26.99	PASS	
		Ant1	5720_U NII-2C	5.64	0.31	5.95	≤22.73	10.51	≤26.99	PASS
		Ant2	5720_U NII-2C	5.40	0.25	5.65	≤22.77	8.45	≤26.99	PASS
		total	5720_U NII-2C	---	---	8.81	≤23.98	13.37	≤26.99	PASS
	Ant1	5720_U NII-3	-1.76	0.31	-1.45	≤30.00	3.11	---	PASS	
	Ant2	5720_U NII-3	-2.76	0.25	-2.51	≤30.00	0.29	---	PASS	
	total	5720_U NII-3	---	---	1.06	≤30.00	5.62	---	PASS	
	Ant1	5745	6.49	0.25	6.74	≤30.00	11.30	---	PASS	
	Ant2	5745	6.03	0.31	6.34	≤30.00	9.14	---	PASS	
	total	5745	---	---	9.55	≤30.00	14.11	---	PASS	
	Ant1	5785	6.40	0.25	6.65	≤30.00	11.21	---	PASS	
	Ant2	5785	6.16	0.25	6.41	≤30.00	9.21	---	PASS	
	total	5785	---	---	9.54	≤30.00	14.10	---	PASS	
	Ant1	5825	6.24	0.31	6.55	≤30.00	11.11	---	PASS	
	Ant2	5825	5.96	0.25	6.21	≤30.00	9.01	---	PASS	
	total	5825	---	---	9.39	≤30.00	13.95	---	PASS	
11AC40M IMO	Ant1	5190	6.54	0.58	7.12	≤23.98	11.68	≤23.01	PASS	
	Ant2	5190	6.62	0.58	7.20	≤23.98	10.00	≤23.01	PASS	
	total	5190	---	---	10.17	≤23.98	14.73	≤23.01	PASS	
	Ant1	5230	6.42	0.47	6.89	≤23.98	11.45	≤23.01	PASS	
	Ant2	5230	6.79	0.58	7.37	≤23.98	10.17	≤23.01	PASS	
	total	5230	---	---	10.15	≤23.98	14.71	≤23.01	PASS	
	Ant1	5270	6.33	0.58	6.91	≤23.98	11.47	≤26.99	PASS	
	Ant2	5270	6.51	0.47	6.98	≤23.98	9.78	≤26.99	PASS	
	total	5270	---	---	9.96	≤23.98	14.52	≤26.99	PASS	
	Ant1	5310	6.39	0.47	6.86	≤23.98	11.42	≤26.99	PASS	
Ant2	5310	6.47	0.47	6.94	≤23.98	9.74	≤26.99	PASS		

	total	5310	---	---	9.91	≤23.98	14.47	≤26.99	PASS
	Ant1	5510	6.23	0.47	6.70	≤23.98	11.26	≤26.99	PASS
	Ant2	5510	6.12	0.47	6.59	≤23.98	9.39	≤26.99	PASS
	total	5510	---	---	9.66	≤23.98	14.22	≤26.99	PASS
	Ant1	5550	6.40	0.58	6.98	≤23.98	11.54	≤26.99	PASS
	Ant2	5550	5.89	0.58	6.47	≤23.98	9.27	≤26.99	PASS
	total	5550	---	---	9.74	≤23.98	14.30	≤26.99	PASS
	Ant1	5670	6.23	0.58	6.81	≤23.98	11.37	≤26.99	PASS
	Ant2	5670	5.80	0.58	6.38	≤23.98	9.18	≤26.99	PASS
	total	5670	---	---	9.61	≤23.98	14.17	≤26.99	PASS
	Ant1	5710_U NII-2C	5.88	0.47	6.35	≤23.98	10.91	≤26.99	PASS
	Ant2	5710_U NII-2C	5.49	0.58	6.07	≤23.98	8.87	≤26.99	PASS
	total	5710_U NII-2C	---	---	9.22	≤23.98	13.78	≤26.99	PASS
	Ant1	5710_U NII-3	-6.62	0.47	-6.15	≤30.00	-1.59	---	PASS
	Ant2	5710_U NII-3	-6.84	0.58	-6.26	≤30.00	-3.46	---	PASS
	total	5710_U NII-3	---	---	-3.19	≤30.00	1.37	---	PASS
	Ant1	5755	6.25	0.47	6.72	≤30.00	11.28	---	PASS
	Ant2	5755	5.91	0.58	6.49	≤30.00	9.29	---	PASS
	total	5755	---	---	9.62	≤30.00	14.18	---	PASS
	Ant1	5795	6.24	0.47	6.71	≤30.00	11.27	---	PASS
	Ant2	5795	6.19	0.58	6.77	≤30.00	9.57	---	PASS
	total	5795	---	---	9.75	≤30.00	14.31	---	PASS
11AC80M IMO	Ant1	5210	6.09	0.83	6.92	≤23.98	11.48	≤23.01	PASS
	Ant2	5210	6.29	1.06	7.35	≤23.98	10.15	≤23.01	PASS
	total	5210	---	---	10.15	≤23.98	14.71	≤23.01	PASS
	Ant1	5290	6.01	1.06	7.07	≤23.98	11.63	≤26.99	PASS
	Ant2	5290	6.08	1.06	7.14	≤23.98	9.94	≤26.99	PASS
	total	5290	---	---	10.12	≤23.98	14.68	≤26.99	PASS
	Ant1	5530	5.74	0.83	6.57	≤23.98	11.13	≤26.99	PASS
	Ant2	5530	5.37	0.83	6.20	≤23.98	9.00	≤26.99	PASS
	total	5530	---	---	9.40	≤23.98	13.96	≤26.99	PASS
	Ant1	5610	5.68	0.83	6.51	≤23.98	11.07	≤26.99	PASS
	Ant2	5610	5.45	0.83	6.28	≤23.98	9.08	≤26.99	PASS
	total	5610	---	---	9.41	≤23.98	13.97	≤26.99	PASS
	Ant1	5690_U NII-2C	5.69	0.83	6.52	≤23.98	11.08	≤26.99	PASS
	Ant2	5690_U NII-2C	5.76	1.06	6.82	≤23.98	9.62	≤26.99	PASS
	total	5690_U NII-2C	---	---	9.68	≤23.98	14.24	≤26.99	PASS
	Ant1	5690_U NII-3	-10.27	0.83	-9.44	≤30.00	-4.88	---	PASS
	Ant2	5690_U NII-3	-11.11	1.06	-10.05	≤30.00	-7.25	---	PASS
	total	5690_U NII-3	---	---	-6.72	≤30.00	-2.16	---	PASS
	Ant1	5775	6.33	1.06	7.39	≤30.00	11.95	---	PASS
	Ant2	5775	6.10	0.83	6.93	≤30.00	9.73	---	PASS
	total	5775	---	---	10.18	≤30.00	14.74	---	PASS

## 11. Power Spectral Density

### 11.1. Block Diagram of Test Setup

Same as section 8.1

### 11.2. Limits

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	<input type="checkbox"/> Outdoor Access Point: 17 dBm/MHz <input type="checkbox"/> Indoor Access Point: 17 dBm/MHz <input type="checkbox"/> Fixed Point-To-Point Access Points: 17 dBm/MHz <input type="checkbox"/> Client Devices: 11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350 5470-5725
	30 dBm/500 kHz	5725-5850

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	5150-5250
	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.	5250-5350 5470-5600 5650-5725
	30 dBm/500 kHz	5725-5850

Note: The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 11.3. Test Procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyzer and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Note:

1. For UNII-3, according to KdB publication 789033 D02 General U-NII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.

2. The value measured with RBW=1MHz is to be added with  $10\log(500\text{kHz}/1\text{MHz})$  which is - 3dB. For example, if the measured value is +30 dBm using RBW=500kHz (that is +30 dBm/500kHz), then the converted value will be +33 dBm/1MHz.

3. Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

## 11.4. Test Result

Test Mode	Ant.	Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict	
11A	Ant1	5180	1.03	≤11.00	PASS	
	Ant2	5180	1.22	≤11.00	PASS	
	Ant1	5200	0.89	≤11.00	PASS	
	Ant2	5200	0.90	≤11.00	PASS	
	Ant1	5240	0.66	≤11.00	PASS	
	Ant2	5240	1.32	≤11.00	PASS	
	Ant1	5260	0.94	≤11.00	PASS	
	Ant2	5260	1.28	≤11.00	PASS	
	Ant1	5280	1.01	≤11.00	PASS	
	Ant2	5280	1.21	≤11.00	PASS	
	Ant1	5320	1.15	≤11.00	PASS	
	Ant2	5320	1.00	≤11.00	PASS	
	Ant1	5500	1.04	≤11.00	PASS	
	Ant2	5500	0.97	≤11.00	PASS	
	Ant1	5580	0.95	≤11.00	PASS	
	Ant2	5580	0.70	≤11.00	PASS	
	Ant1	5700	0.98	≤11.00	PASS	
	Ant2	5700	0.70	≤11.00	PASS	
	Ant1	5720_UNII-2C	0.99	≤11.00	PASS	
	Ant2	5720_UNII-2C	0.72	≤11.00	PASS	
	Ant1	5720_UNII-3	-3.46	≤30.00	PASS	
	Ant2	5720_UNII-3	-4.04	≤30.00	PASS	
	Ant1	5745	-1.62	≤30.00	PASS	
	Ant2	5745	-2.11	≤30.00	PASS	
	Ant1	5785	-1.73	≤30.00	PASS	
	Ant2	5785	-1.96	≤30.00	PASS	
	Ant1	5825	-2.00	≤30.00	PASS	
	Ant2	5825	-2.12	≤30.00	PASS	
	11N20MIMO	Ant1	5180	-4.67	≤11.00	PASS
		Ant2	5180	-4.87	≤11.00	PASS
total		5180	-1.76	≤11.00	PASS	
Ant1		5200	-4.05	≤11.00	PASS	
Ant2		5200	-3.77	≤11.00	PASS	
total		5200	-0.90	≤11.00	PASS	
Ant1		5240	-4.24	≤11.00	PASS	
Ant2		5240	-3.62	≤11.00	PASS	
total		5240	-0.91	≤11.00	PASS	
Ant1		5260	-3.99	≤11.00	PASS	
Ant2		5260	-3.80	≤11.00	PASS	
total		5260	-0.88	≤11.00	PASS	
Ant1		5280	-4.11	≤11.00	PASS	
Ant2		5280	-3.67	≤11.00	PASS	
total		5280	-0.87	≤11.00	PASS	
Ant1		5320	-4.05	≤11.00	PASS	
Ant2		5320	-3.97	≤11.00	PASS	
total		5320	-1.00	≤11.00	PASS	
Ant1		5500	-4.24	≤11.00	PASS	
Ant2		5500	-4.19	≤11.00	PASS	
total		5500	-1.20	≤11.00	PASS	
Ant1		5580	-3.92	≤11.00	PASS	
Ant2		5580	-4.15	≤11.00	PASS	
total		5580	-1.02	≤11.00	PASS	
Ant1		5700	-3.58	≤11.00	PASS	
Ant2		5700	-3.73	≤11.00	PASS	
total		5700	-0.64	≤11.00	PASS	
Ant1		5720_UNII-2C	-3.76	≤11.00	PASS	
Ant2		5720_UNII-2C	-4.08	≤11.00	PASS	



	total	5720 UNII-2C	-0.91	≤11.00	PASS
	Ant1	5720 UNII-3	-8.21	≤30.00	PASS
	Ant2	5720 UNII-3	-9.29	≤30.00	PASS
	total	5720 UNII-3	-5.71	≤30.00	PASS
	Ant1	5745	-6.23	≤30.00	PASS
	Ant2	5745	-6.81	≤30.00	PASS
	total	5745	-3.50	≤30.00	PASS
	Ant1	5785	-6.42	≤30.00	PASS
	Ant2	5785	-6.54	≤30.00	PASS
	total	5785	-3.47	≤30.00	PASS
	Ant1	5825	-6.63	≤30.00	PASS
	Ant2	5825	-6.88	≤30.00	PASS
	total	5825	-3.74	≤30.00	PASS
	Ant1	5190	-6.18	≤11.00	PASS
	Ant2	5190	-6.57	≤11.00	PASS
	total	5190	-3.36	≤11.00	PASS
	Ant1	5230	-6.42	≤11.00	PASS
	Ant2	5230	-5.48	≤11.00	PASS
	total	5230	-2.91	≤11.00	PASS
	Ant1	5270	-6.46	≤11.00	PASS
	Ant2	5270	-6.26	≤11.00	PASS
	total	5270	-3.35	≤11.00	PASS
	Ant1	5310	-6.37	≤11.00	PASS
	Ant2	5310	-6.01	≤11.00	PASS
	total	5310	-3.18	≤11.00	PASS
	Ant1	5510	-6.72	≤11.00	PASS
	Ant2	5510	-7.00	≤11.00	PASS
	total	5510	-3.85	≤11.00	PASS
	Ant1	5550	-6.45	≤11.00	PASS
	Ant2	5550	-6.67	≤11.00	PASS
	total	5550	-3.55	≤11.00	PASS
	Ant1	5670	-6.55	≤11.00	PASS
	Ant2	5670	-7.76	≤11.00	PASS
	total	5670	-4.10	≤11.00	PASS
	Ant1	5710 UNII-2C	-6.47	≤11.00	PASS
	Ant2	5710 UNII-2C	-6.36	≤11.00	PASS
	total	5710 UNII-2C	-3.40	≤11.00	PASS
	Ant1	5710 UNII-3	-12.57	≤30.00	PASS
	Ant2	5710 UNII-3	-13.81	≤30.00	PASS
	total	5710 UNII-3	-10.14	≤30.00	PASS
	Ant1	5755	-9.27	≤30.00	PASS
	Ant2	5755	-10.30	≤30.00	PASS
	total	5755	-6.74	≤30.00	PASS
	Ant1	5795	-9.28	≤30.00	PASS
	Ant2	5795	-9.34	≤30.00	PASS
	total	5795	-6.30	≤30.00	PASS
	Ant1	5180	-3.50	≤11.00	PASS
	Ant2	5180	-3.59	≤11.00	PASS
	total	5180	-0.53	≤11.00	PASS
	Ant1	5200	-3.79	≤11.00	PASS
	Ant2	5200	-3.38	≤11.00	PASS
	total	5200	-0.57	≤11.00	PASS
	Ant1	5240	-3.88	≤11.00	PASS
	Ant2	5240	-3.18	≤11.00	PASS
	total	5240	-0.51	≤11.00	PASS
	Ant1	5260	-3.48	≤11.00	PASS
	Ant2	5260	-3.50	≤11.00	PASS
	total	5260	-0.48	≤11.00	PASS
	Ant1	5280	-3.64	≤11.00	PASS
	Ant2	5280	-3.45	≤11.00	PASS

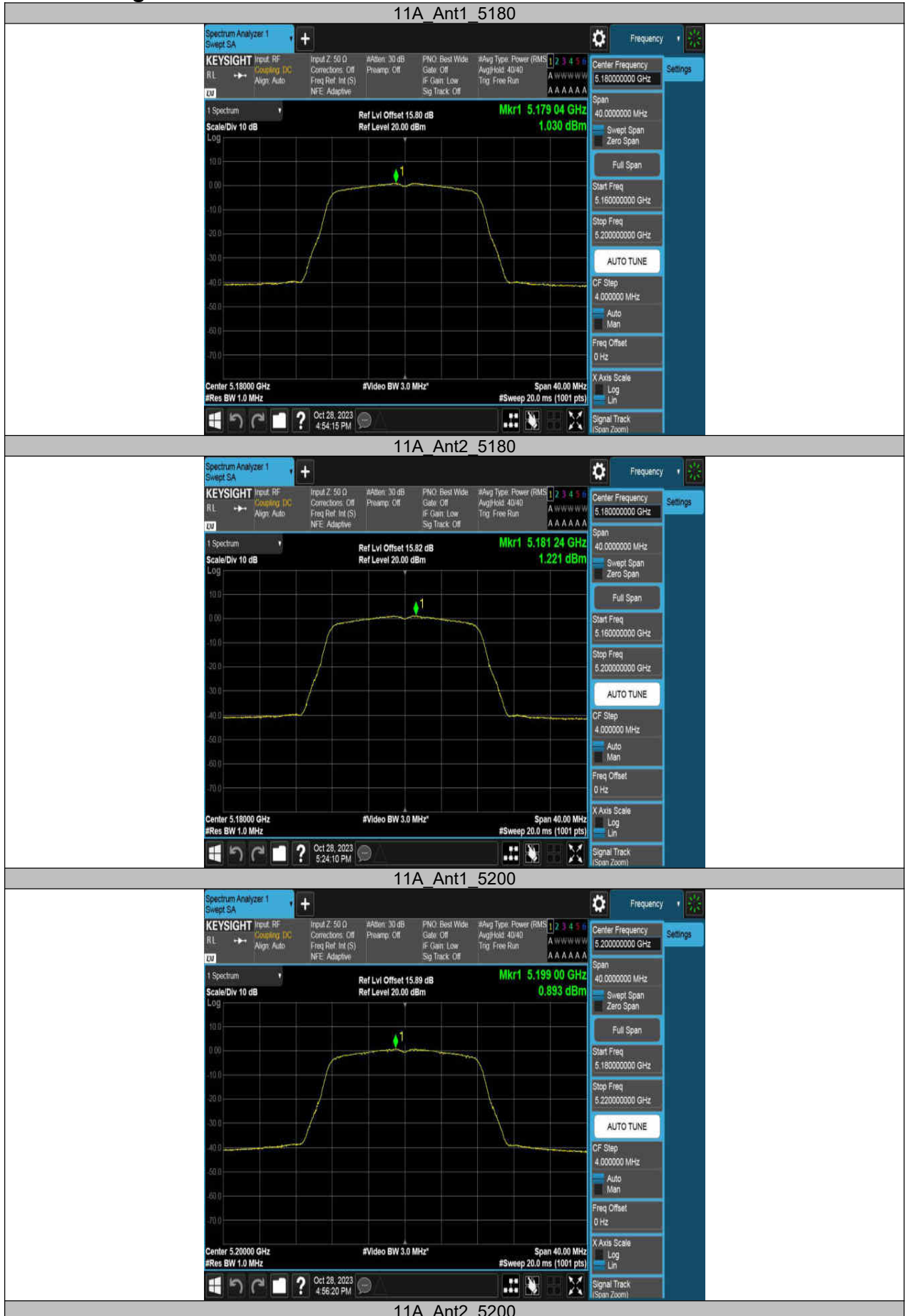
	total	5280	-0.53	≤11.00	PASS
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	Ant2	5320	-3.53	≤11.00	PASS
	total	5320	-0.67	≤11.00	PASS
	Ant1	5500	-3.79	≤11.00	PASS
	Ant2	5500	-4.24	≤11.00	PASS
	total	5500	-1.00	≤11.00	PASS
	Ant1	5580	-3.90	≤11.00	PASS
	Ant2	5580	-4.23	≤11.00	PASS
	total	5580	-1.05	≤11.00	PASS
	Ant1	5700	-3.86	≤11.00	PASS
	Ant2	5700	-4.08	≤11.00	PASS
	total	5700	-0.96	≤11.00	PASS
	Ant1	5720 UNII-2C	-3.87	≤11.00	PASS
	Ant2	5720 UNII-2C	-4.08	≤11.00	PASS
	total	5720 UNII-2C	-0.96	≤11.00	PASS
	Ant1	5720 UNII-3	-8.08	≤30.00	PASS
	Ant2	5720 UNII-3	-9.37	≤30.00	PASS
	total	5720 UNII-3	-5.67	≤30.00	PASS
	Ant1	5745	-6.37	≤30.00	PASS
	Ant2	5745	-7.01	≤30.00	PASS
	total	5745	-3.67	≤30.00	PASS
	Ant1	5785	-6.74	≤30.00	PASS
	Ant2	5785	-6.97	≤30.00	PASS
	total	5785	-3.84	≤30.00	PASS
	Ant1	5825	-6.69	≤30.00	PASS
	Ant2	5825	-7.22	≤30.00	PASS
	total	5825	-3.94	≤30.00	PASS
	Ant1	5190	-6.55	≤11.00	PASS
	Ant2	5190	-6.54	≤11.00	PASS
	total	5190	-3.53	≤11.00	PASS
	Ant1	5230	-6.41	≤11.00	PASS
	Ant2	5230	-5.60	≤11.00	PASS
	total	5230	-2.98	≤11.00	PASS
	Ant1	5270	-6.47	≤11.00	PASS
	Ant2	5270	-6.43	≤11.00	PASS
	total	5270	-3.44	≤11.00	PASS
	Ant1	5310	-6.59	≤11.00	PASS
	Ant2	5310	-6.05	≤11.00	PASS
	total	5310	-3.30	≤11.00	PASS
	Ant1	5510	-6.77	≤11.00	PASS
	Ant2	5510	-7.00	≤11.00	PASS
	total	5510	-3.87	≤11.00	PASS
	Ant1	5550	-6.27	≤11.00	PASS
	Ant2	5550	-6.48	≤11.00	PASS
	total	5550	-3.36	≤11.00	PASS
	Ant1	5670	-6.91	≤11.00	PASS
	Ant2	5670	-7.81	≤11.00	PASS
	total	5670	-4.33	≤11.00	PASS
	Ant1	5710 UNII-2C	-7.03	≤11.00	PASS
	Ant2	5710 UNII-2C	-6.72	≤11.00	PASS
	total	5710 UNII-2C	-3.86	≤11.00	PASS
	Ant1	5710 UNII-3	-13.02	≤30.00	PASS
	Ant2	5710 UNII-3	-12.85	≤30.00	PASS
	total	5710 UNII-3	-9.92	≤30.00	PASS
	Ant1	5755	-9.57	≤30.00	PASS
	Ant2	5755	-9.76	≤30.00	PASS
	total	5755	-6.65	≤30.00	PASS
	Ant1	5795	-9.46	≤30.00	PASS
	Ant2	5795	-9.19	≤30.00	PASS

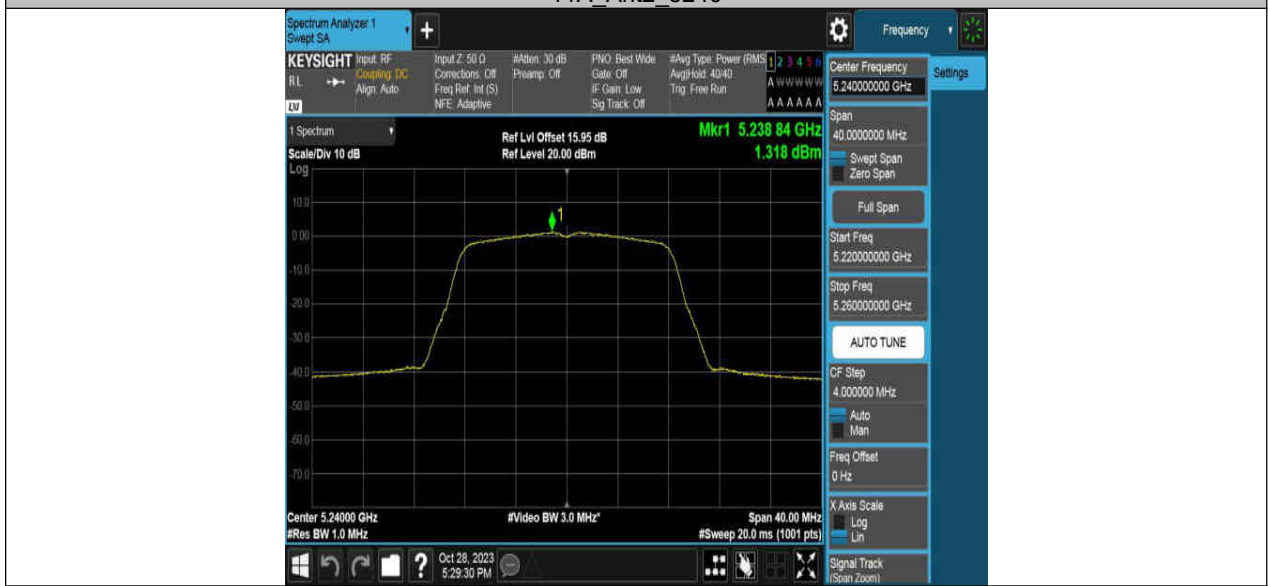
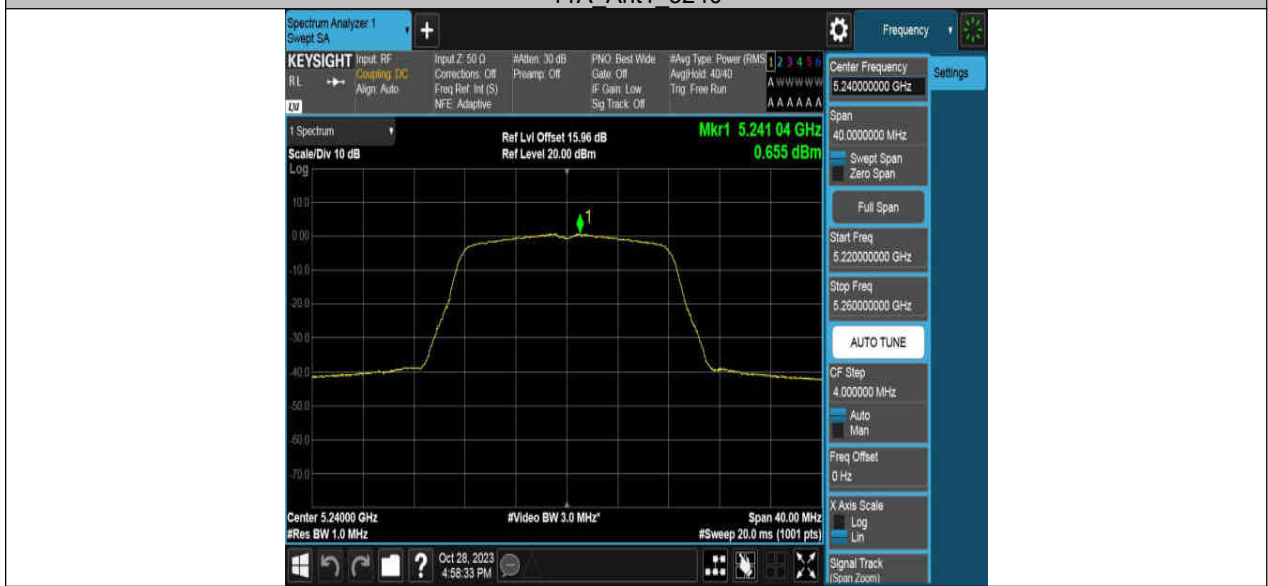
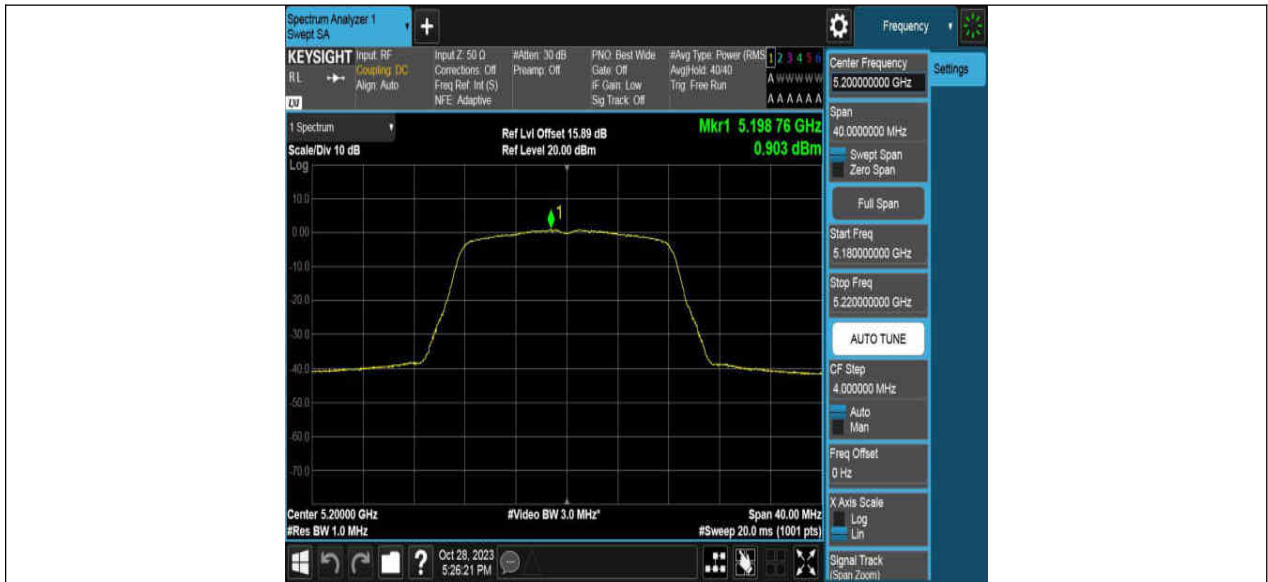
	total	5795	-6.31	≤30.00	PASS
11AC80MIMO	Ant1	5210	-9.43	≤11.00	PASS
	Ant2	5210	-7.78	≤11.00	PASS
	total	5210	-5.52	≤11.00	PASS
	Ant1	5290	-9.29	≤11.00	PASS
	Ant2	5290	-8.34	≤11.00	PASS
	total	5290	-5.78	≤11.00	PASS
	Ant1	5530	-9.59	≤11.00	PASS
	Ant2	5530	-9.39	≤11.00	PASS
	total	5530	-6.48	≤11.00	PASS
	Ant1	5610	-9.96	≤11.00	PASS
	Ant2	5610	-9.41	≤11.00	PASS
	total	5610	-6.67	≤11.00	PASS
	Ant1	5690 UNII-2C	-9.76	≤11.00	PASS
	Ant2	5690 UNII-2C	-8.45	≤11.00	PASS
	total	5690 UNII-2C	-6.05	≤11.00	PASS
	Ant1	5690 UNII-3	-15.69	≤30.00	PASS
	Ant2	5690 UNII-3	-15.20	≤30.00	PASS
	total	5690 UNII-3	-12.43	≤30.00	PASS
	Ant1	5775	-11.83	≤30.00	PASS
	Ant2	5775	-10.01	≤30.00	PASS
total	5775	-7.82	≤30.00	PASS	

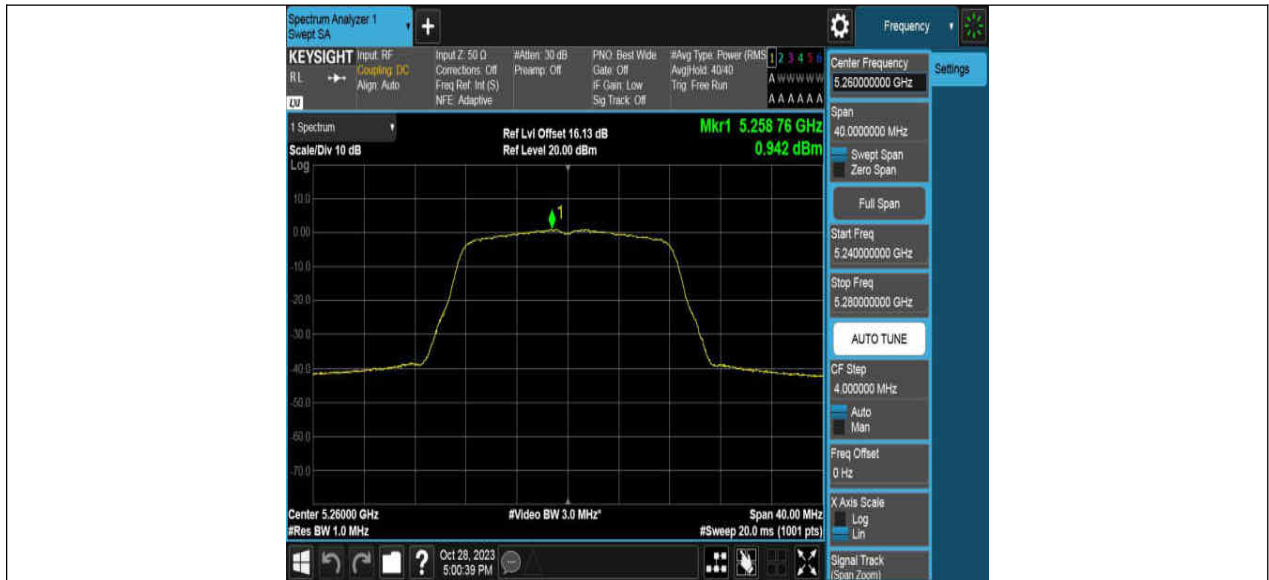
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

### 11.5. Original Test Data





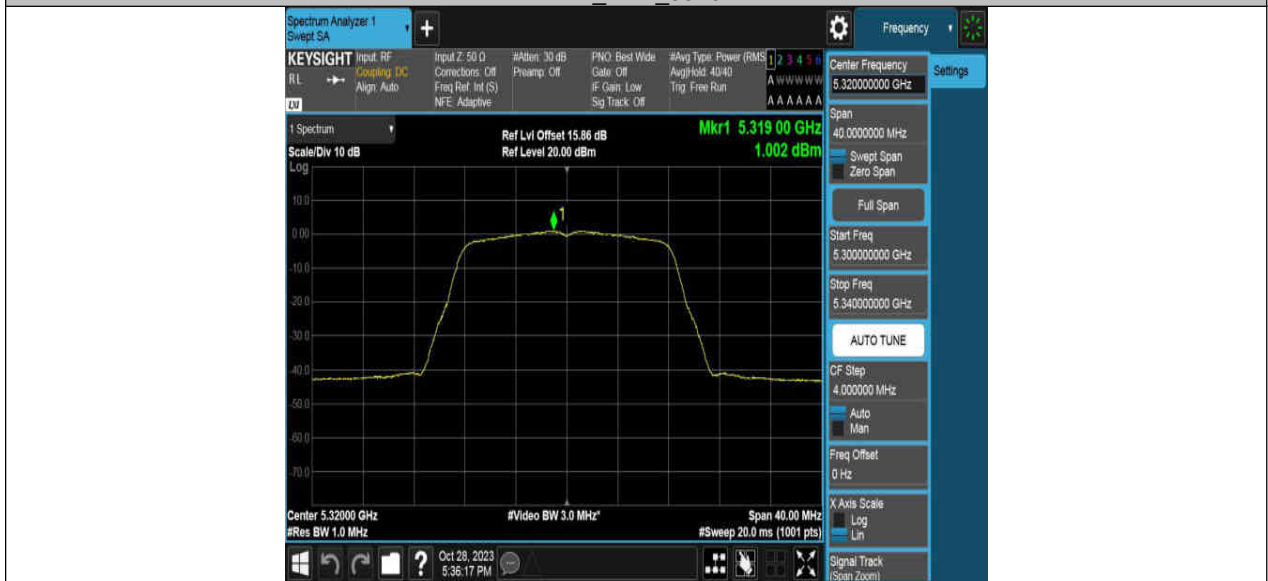




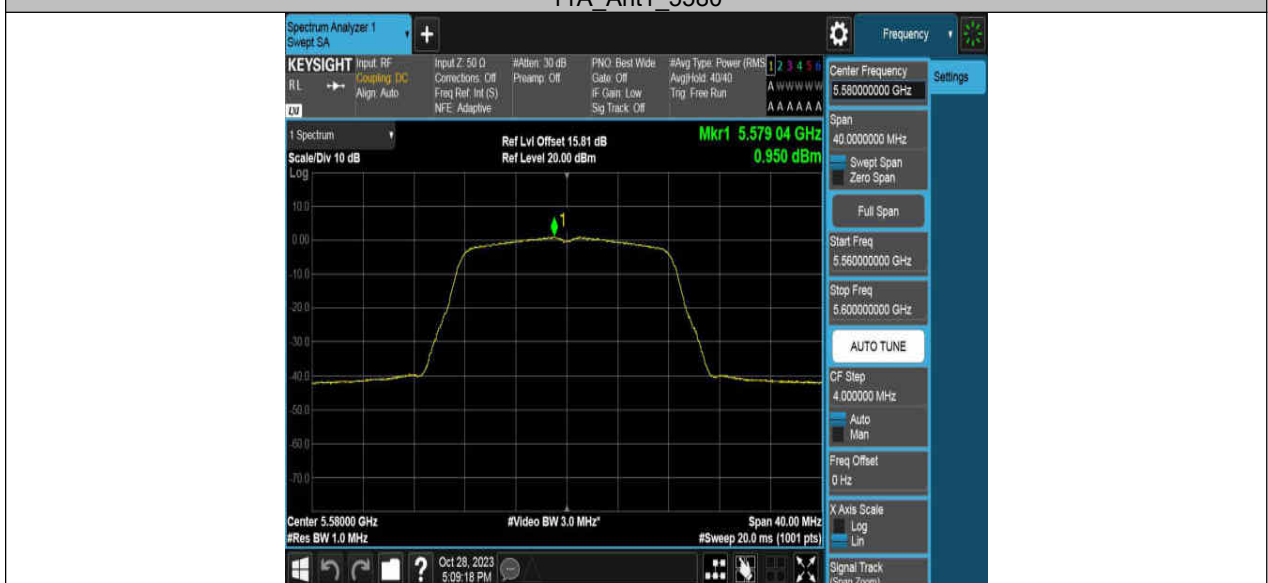
11A Ant1 5320



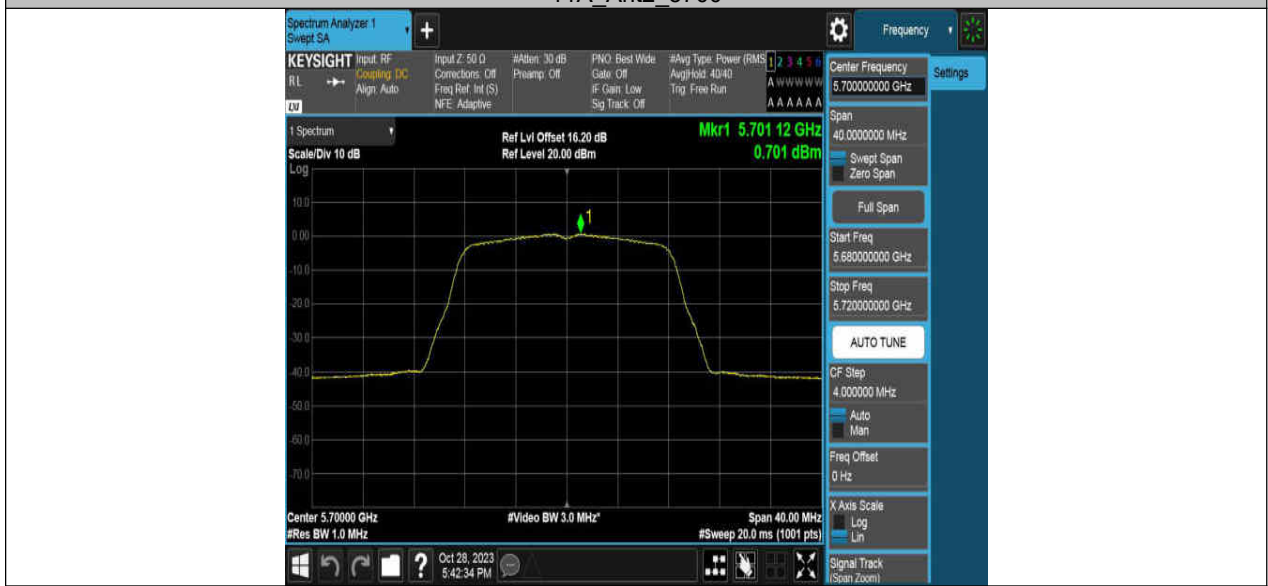
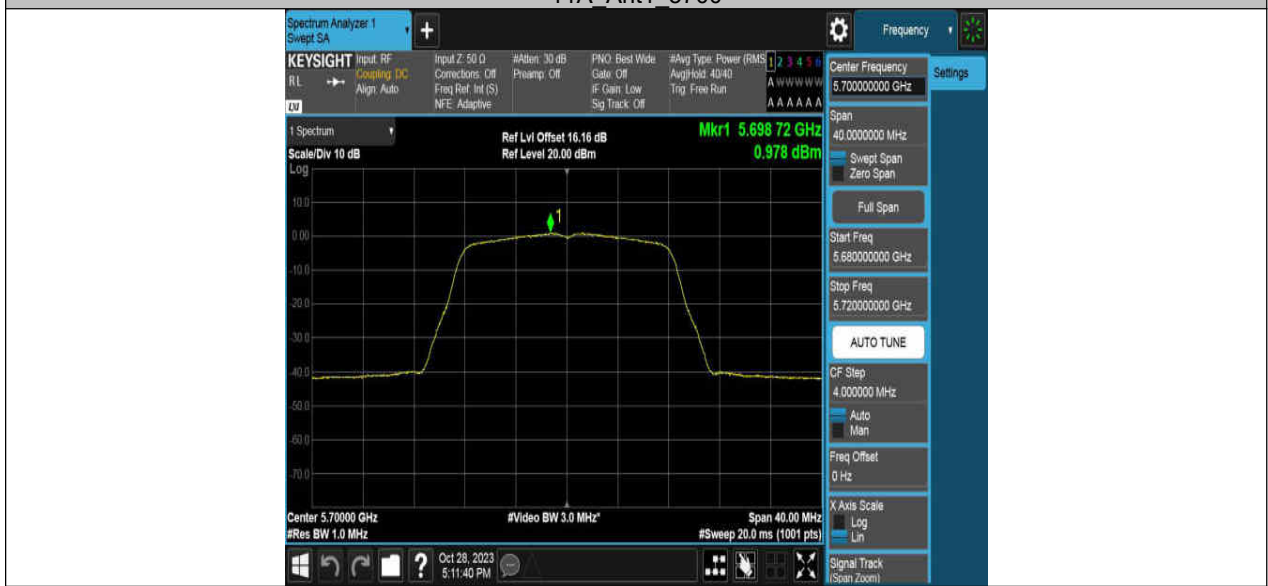
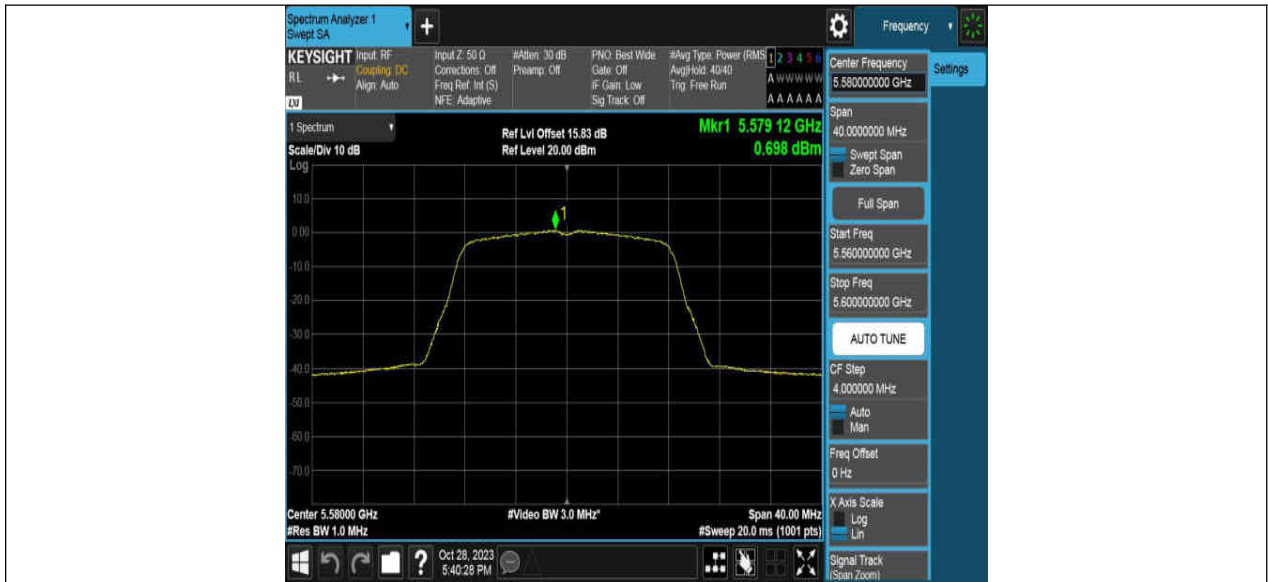
11A Ant2 5320

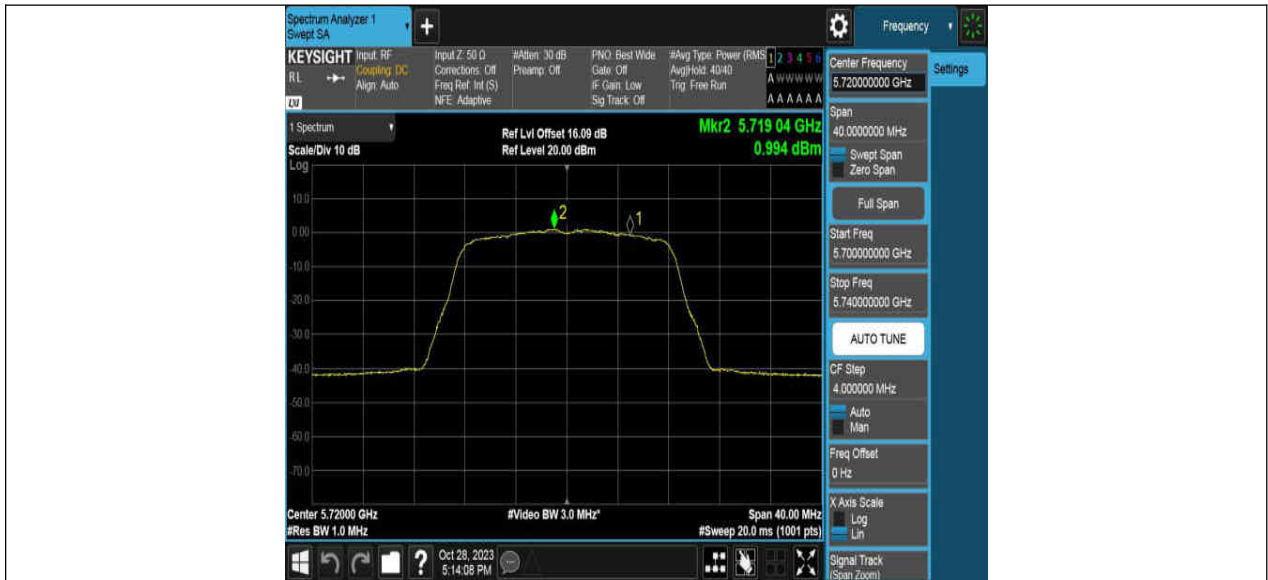


11A Ant1 5500







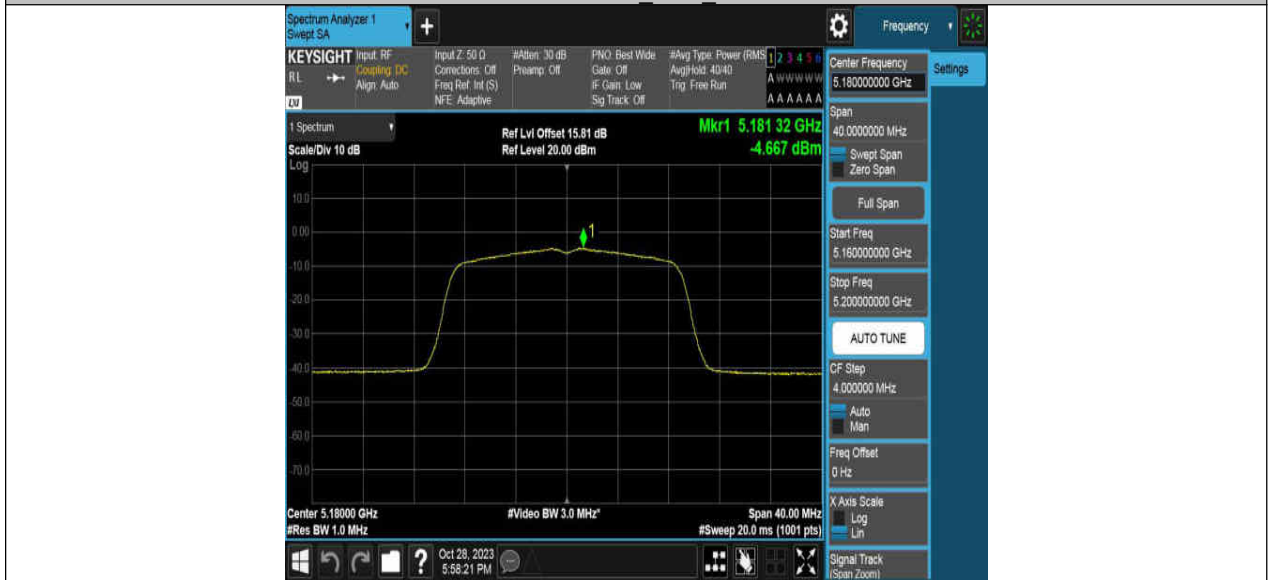








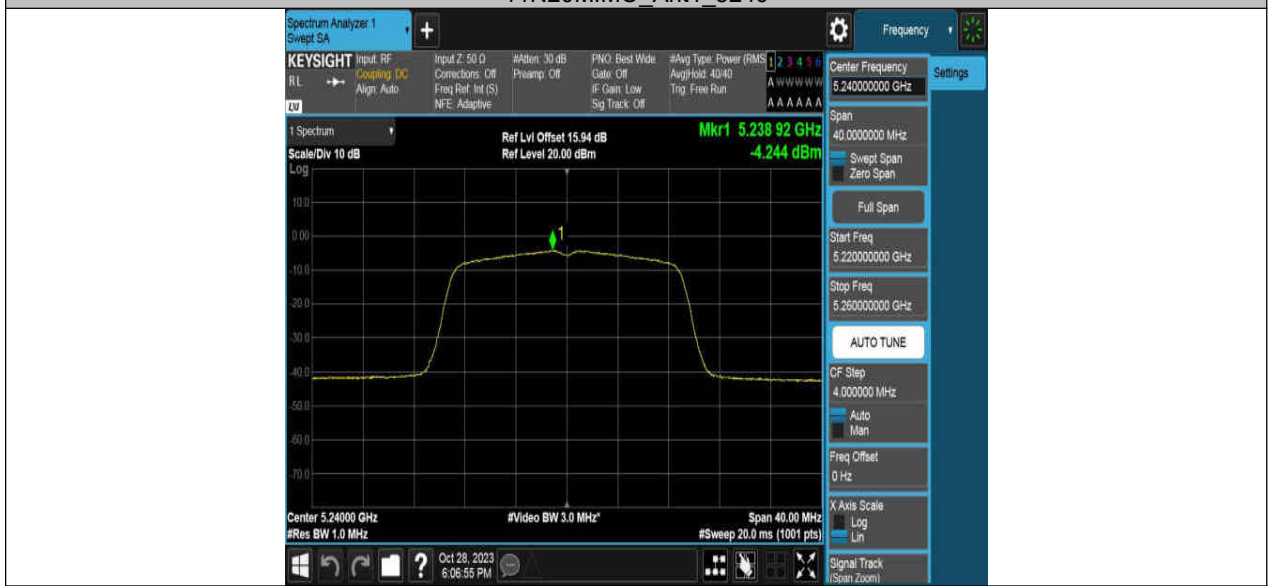
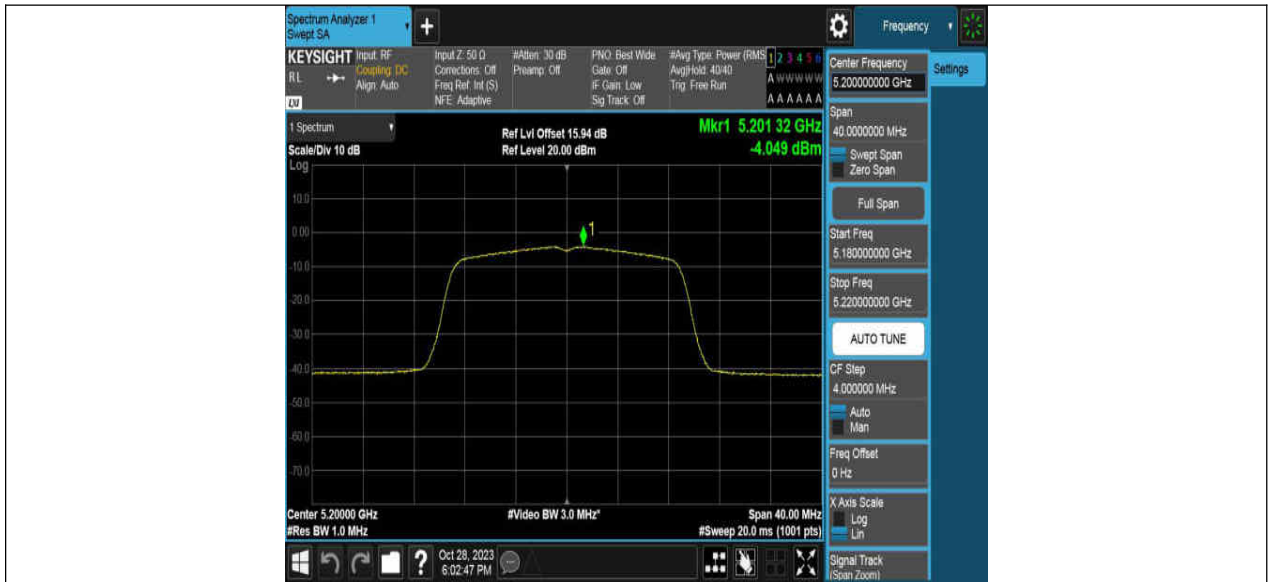
11N20MIMO Ant1 5180

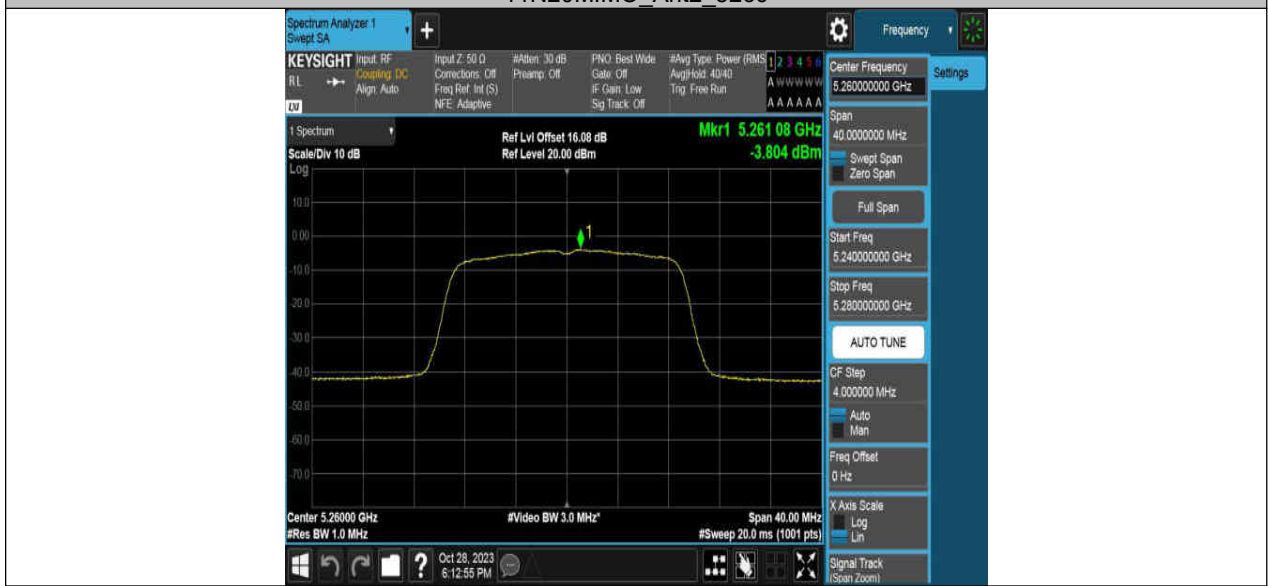
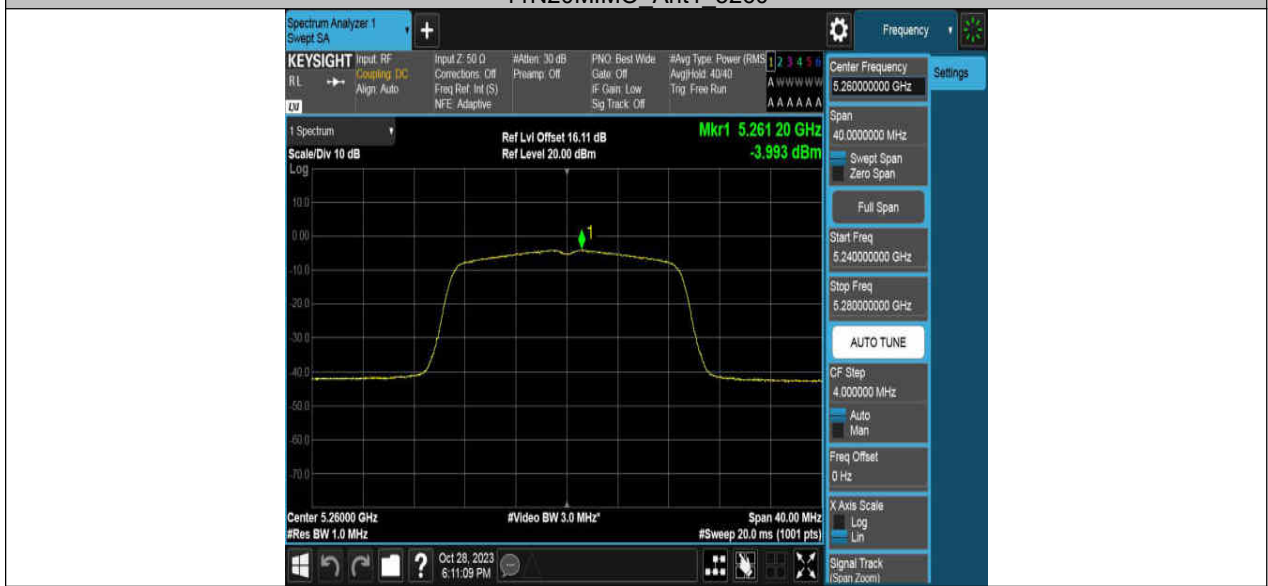
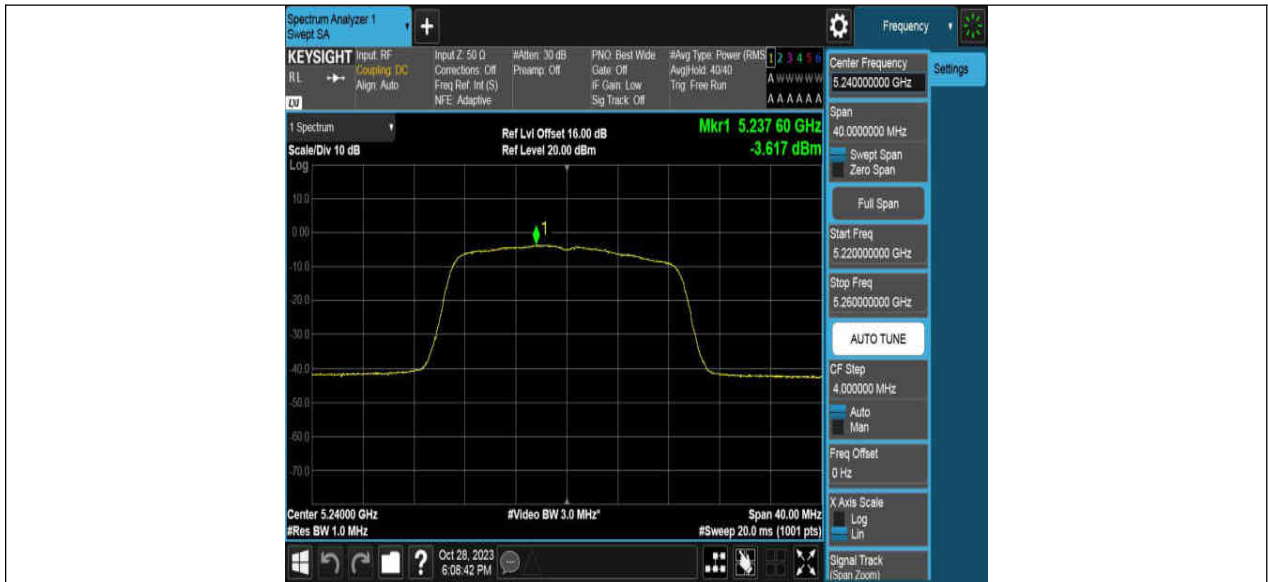


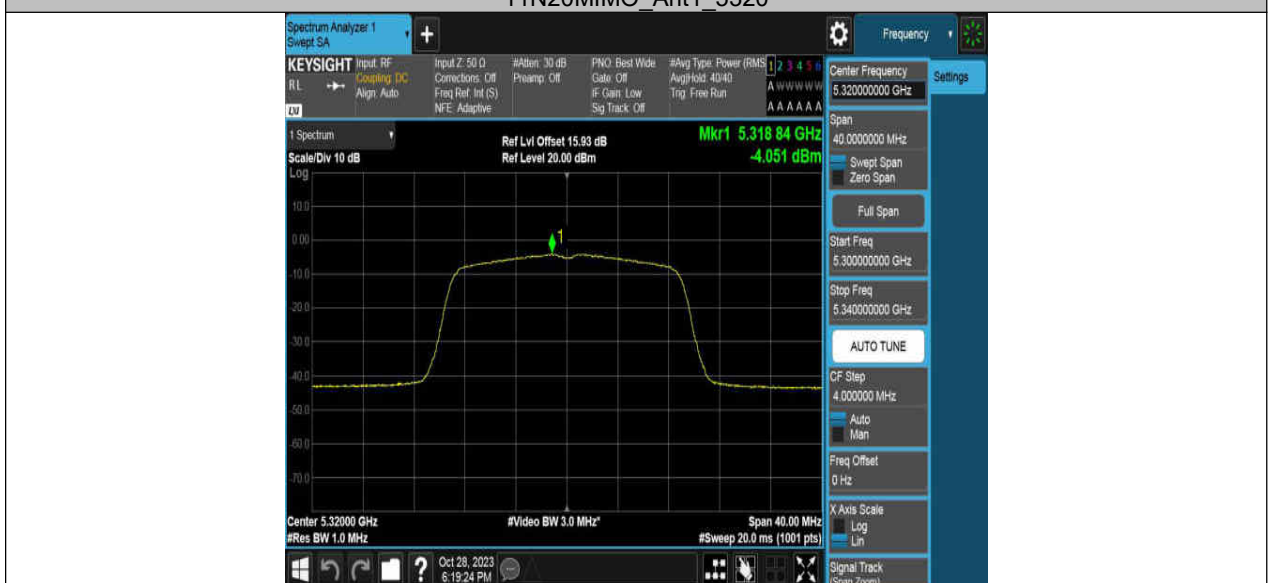
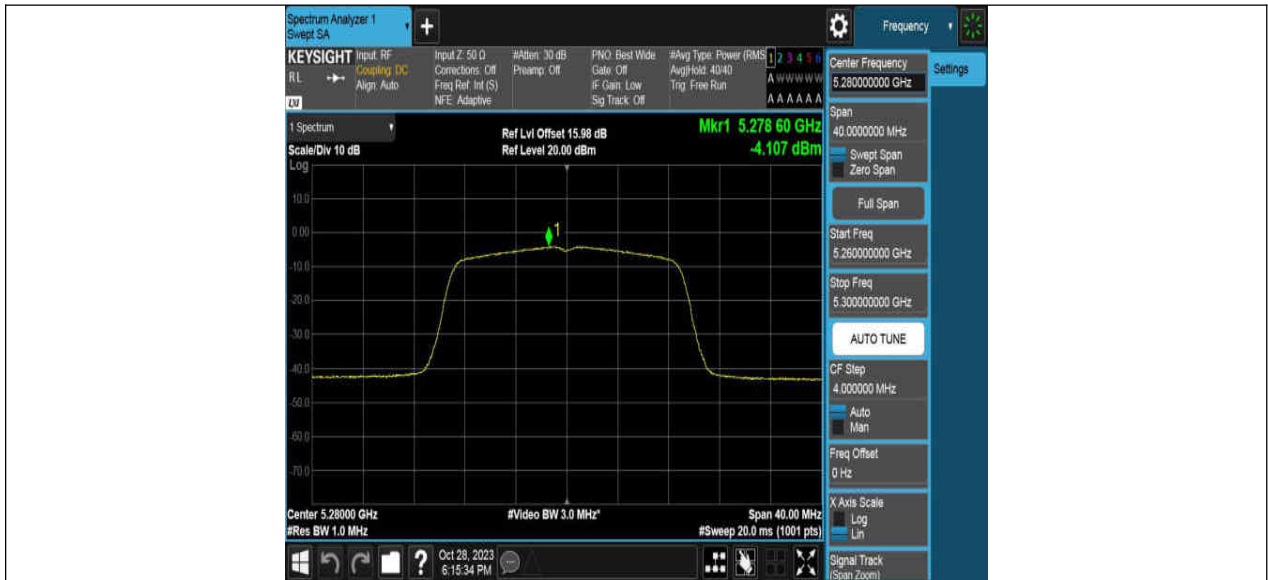
11N20MIMO Ant2 5180



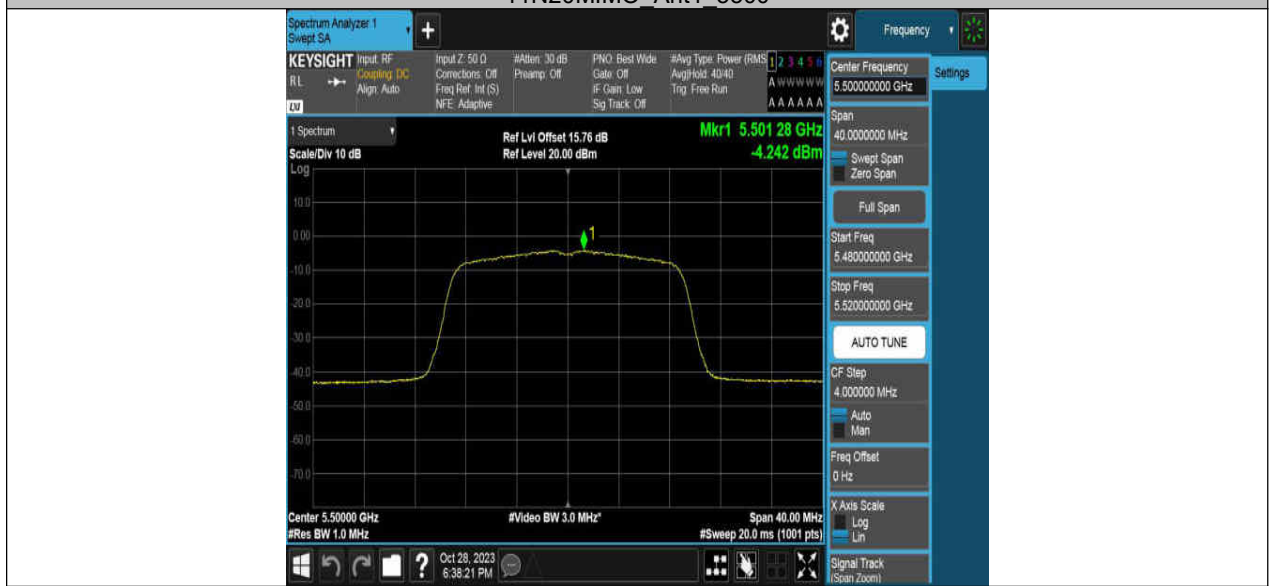
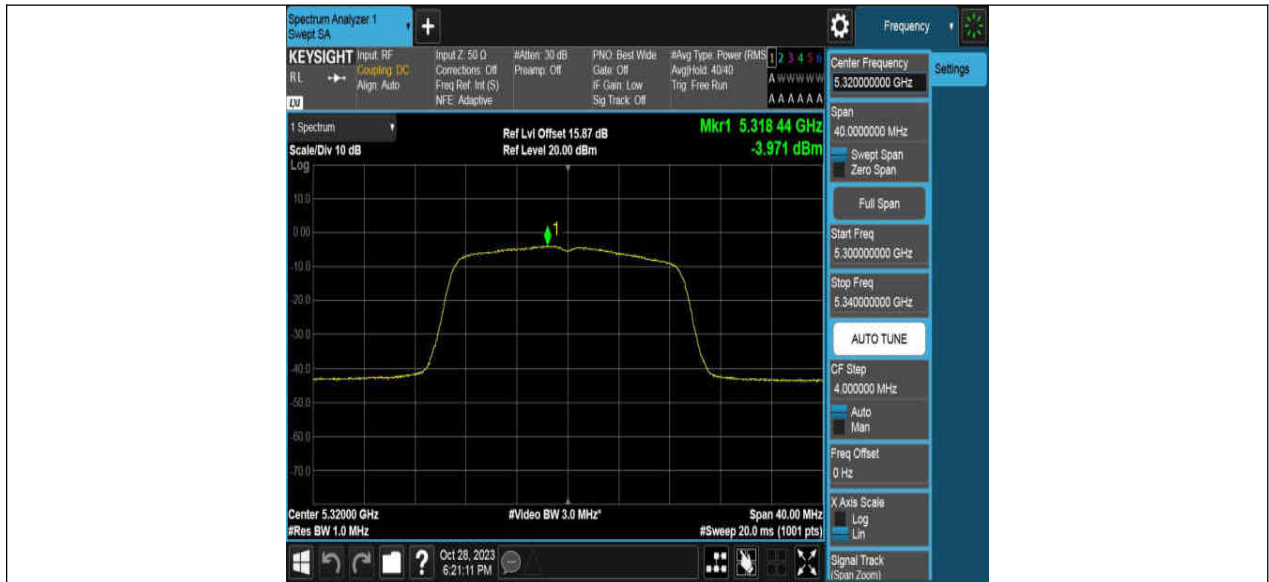
11N20MIMO Ant1 5200



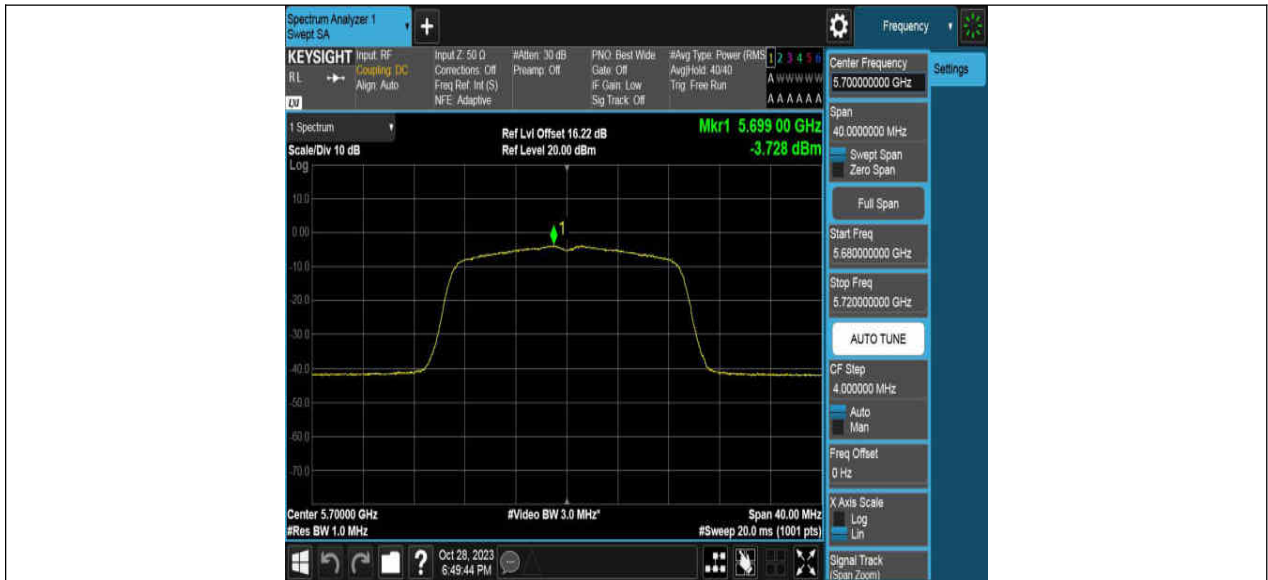


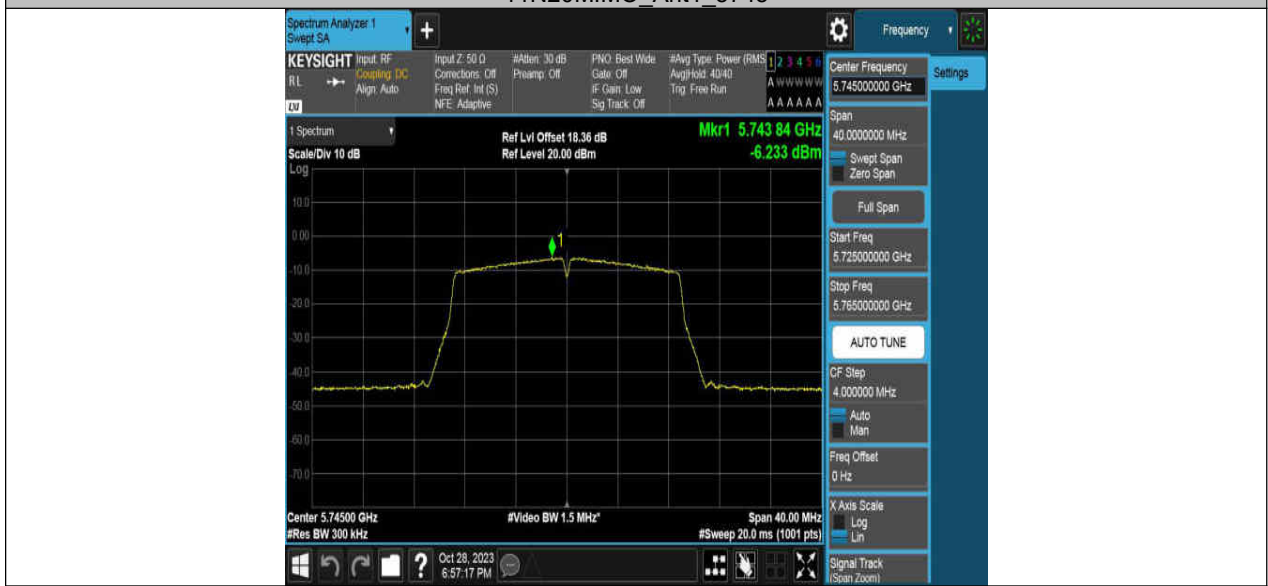
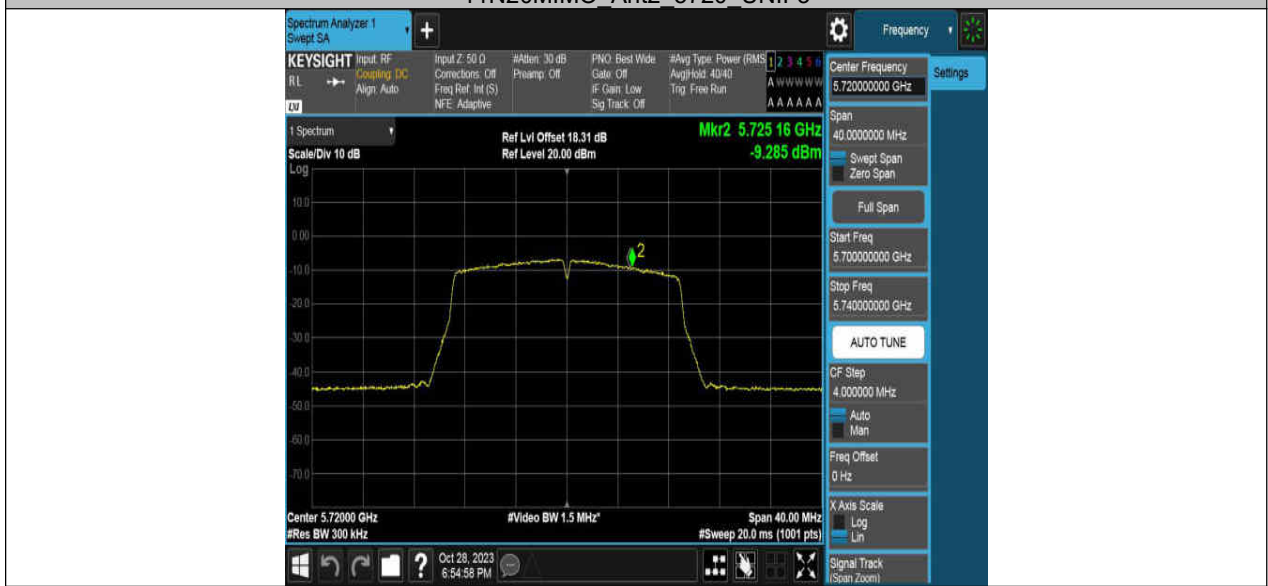


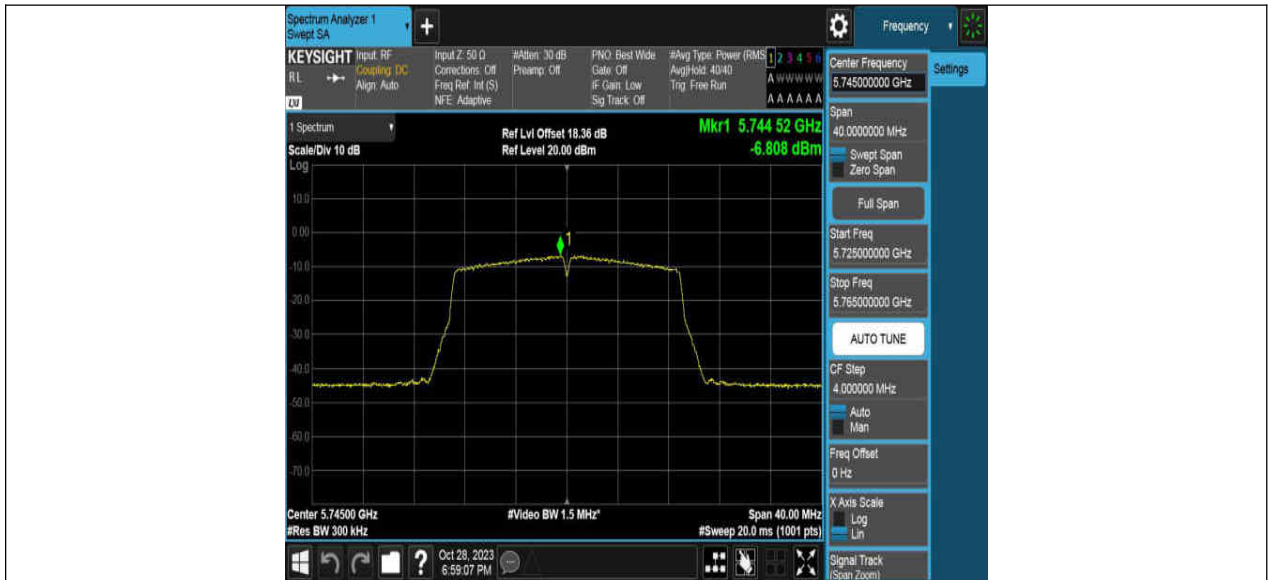








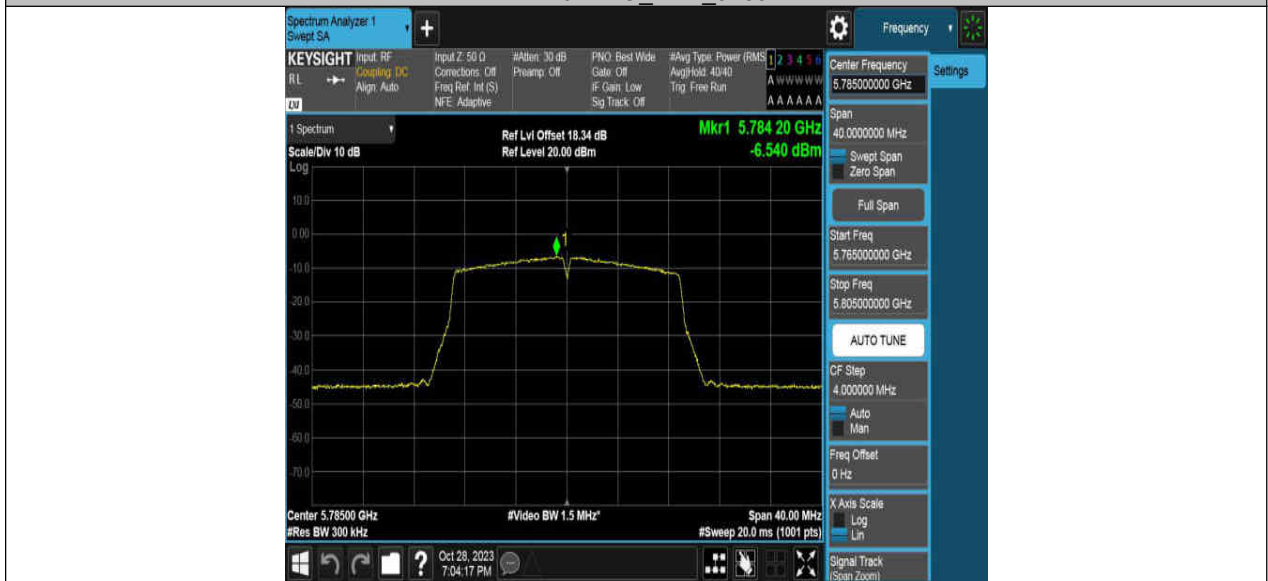




11N20MIMO Ant1 5785



11N20MIMO Ant2 5785



11N20MIMO Ant1 5825



