

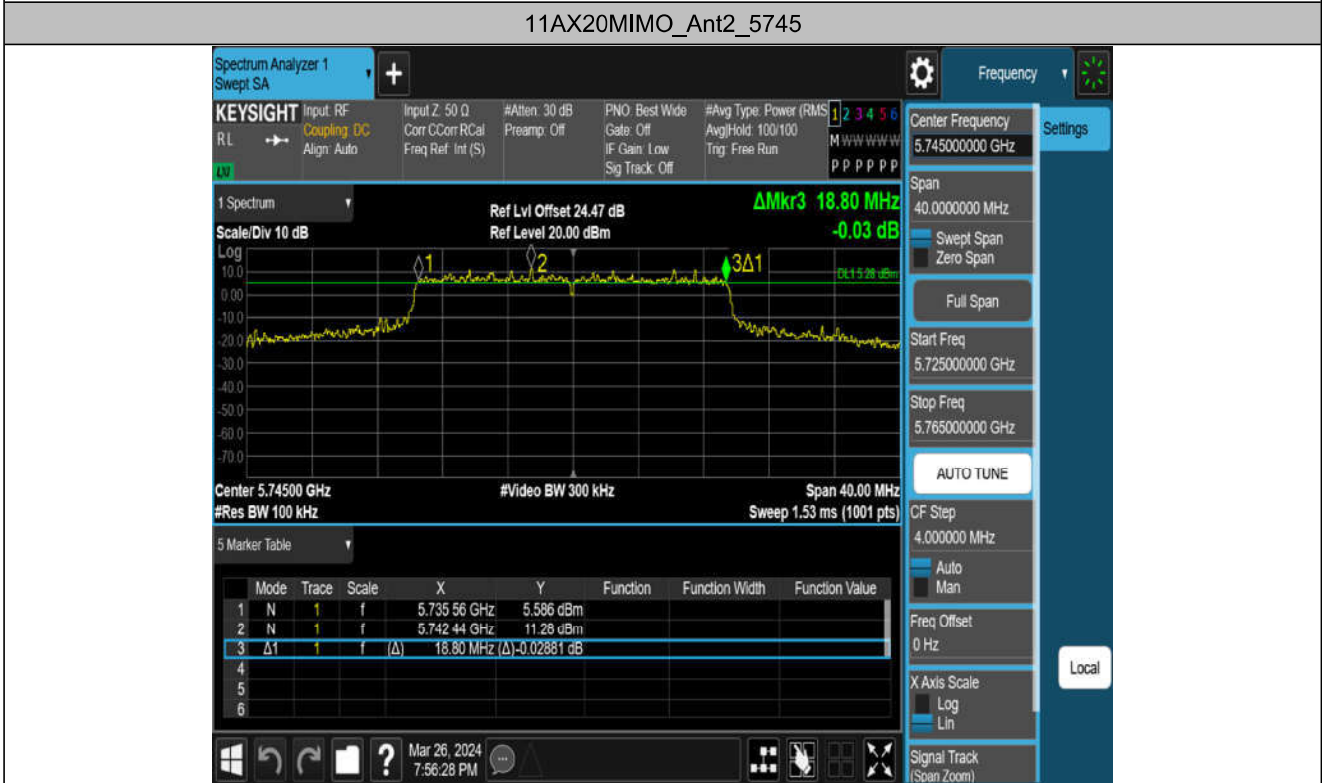
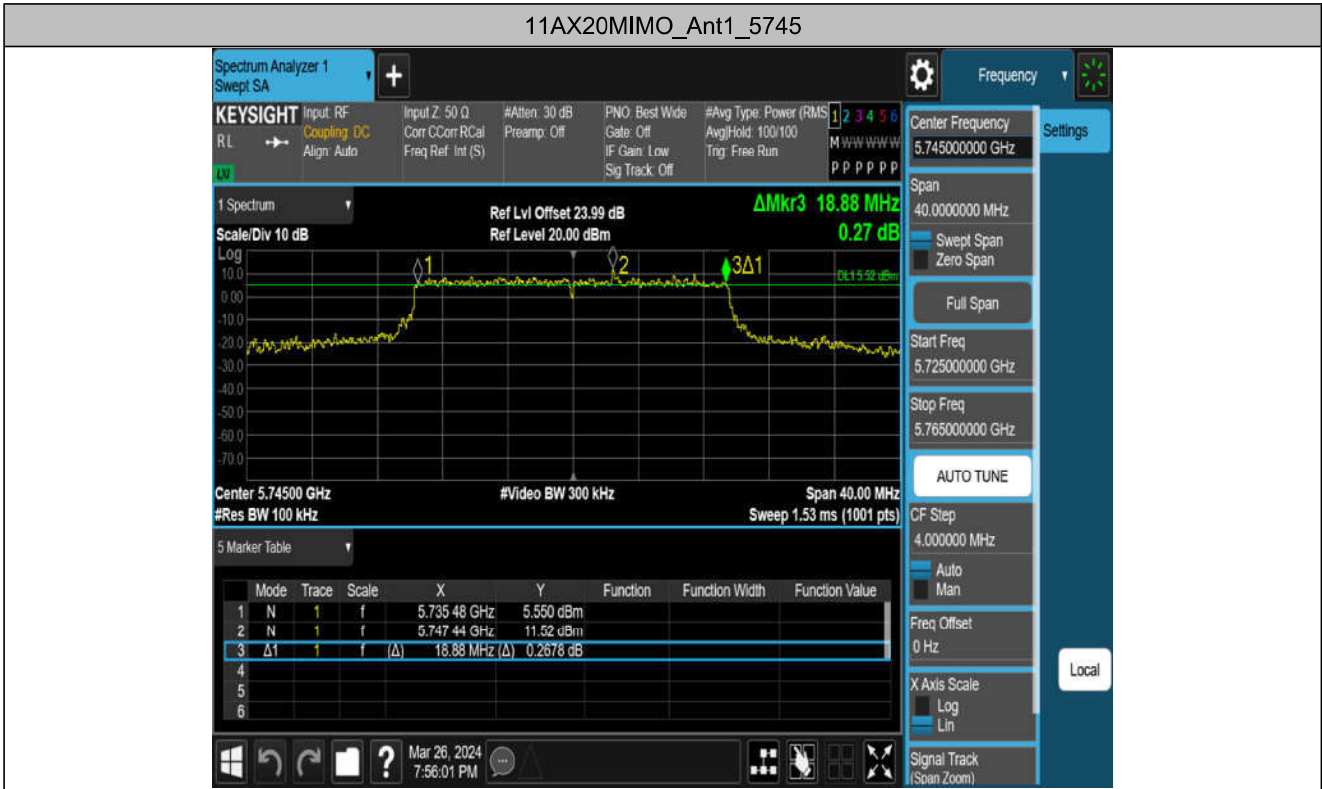
11AC80MIMO\_Ant3\_5775

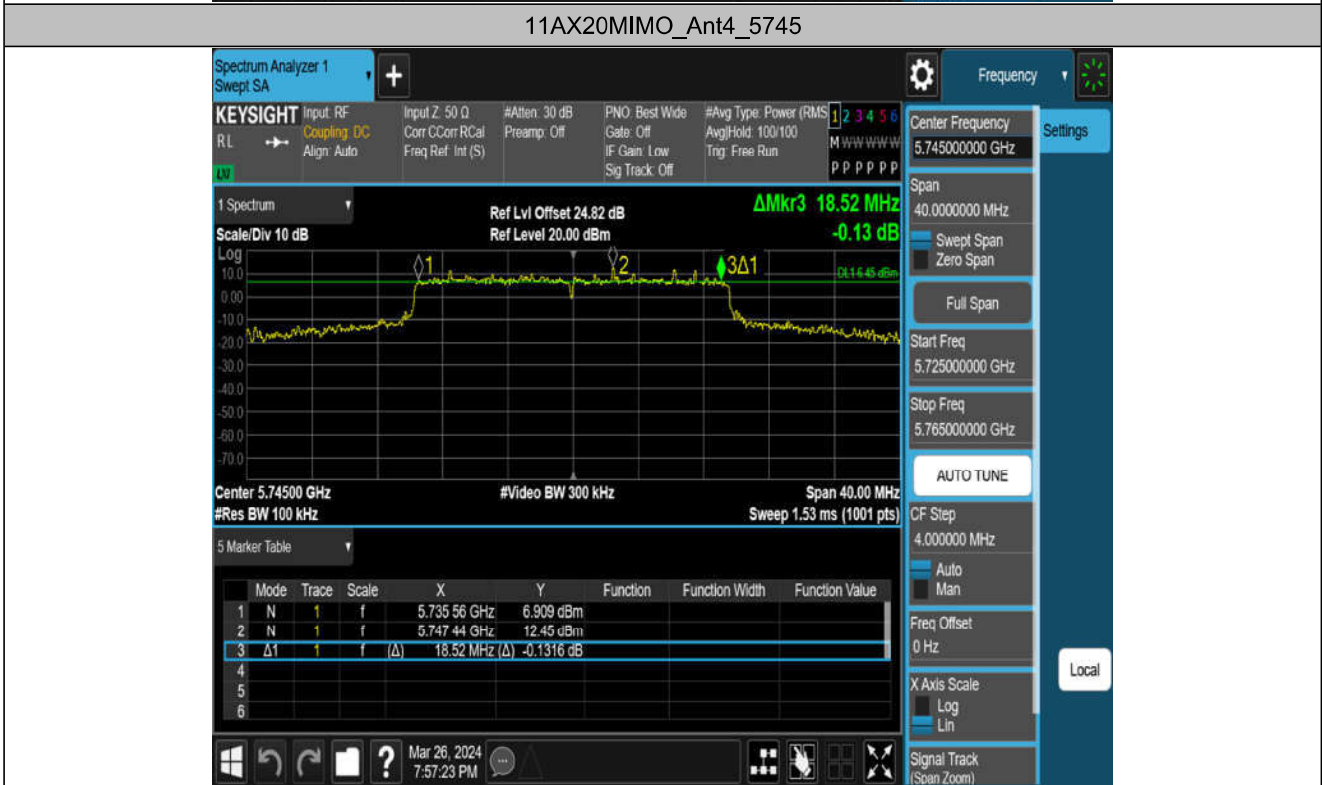
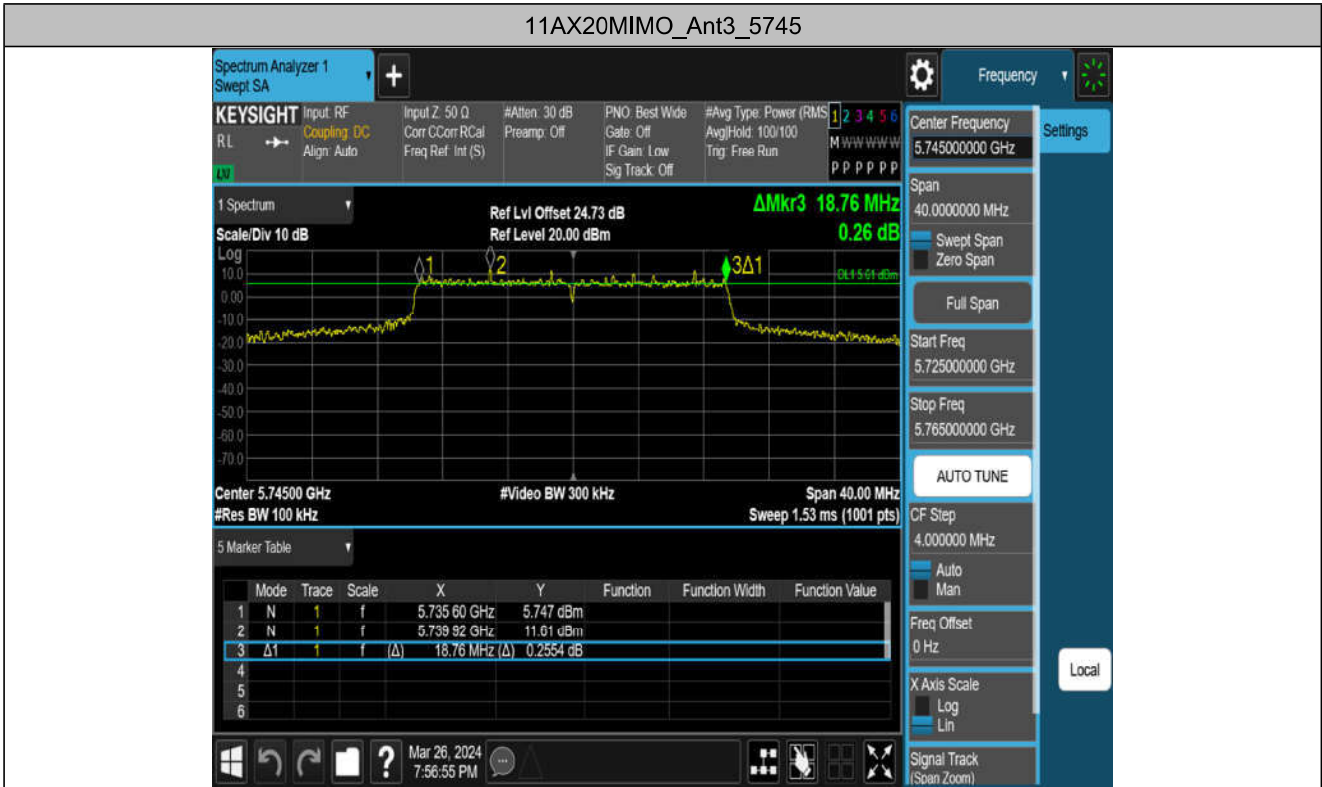


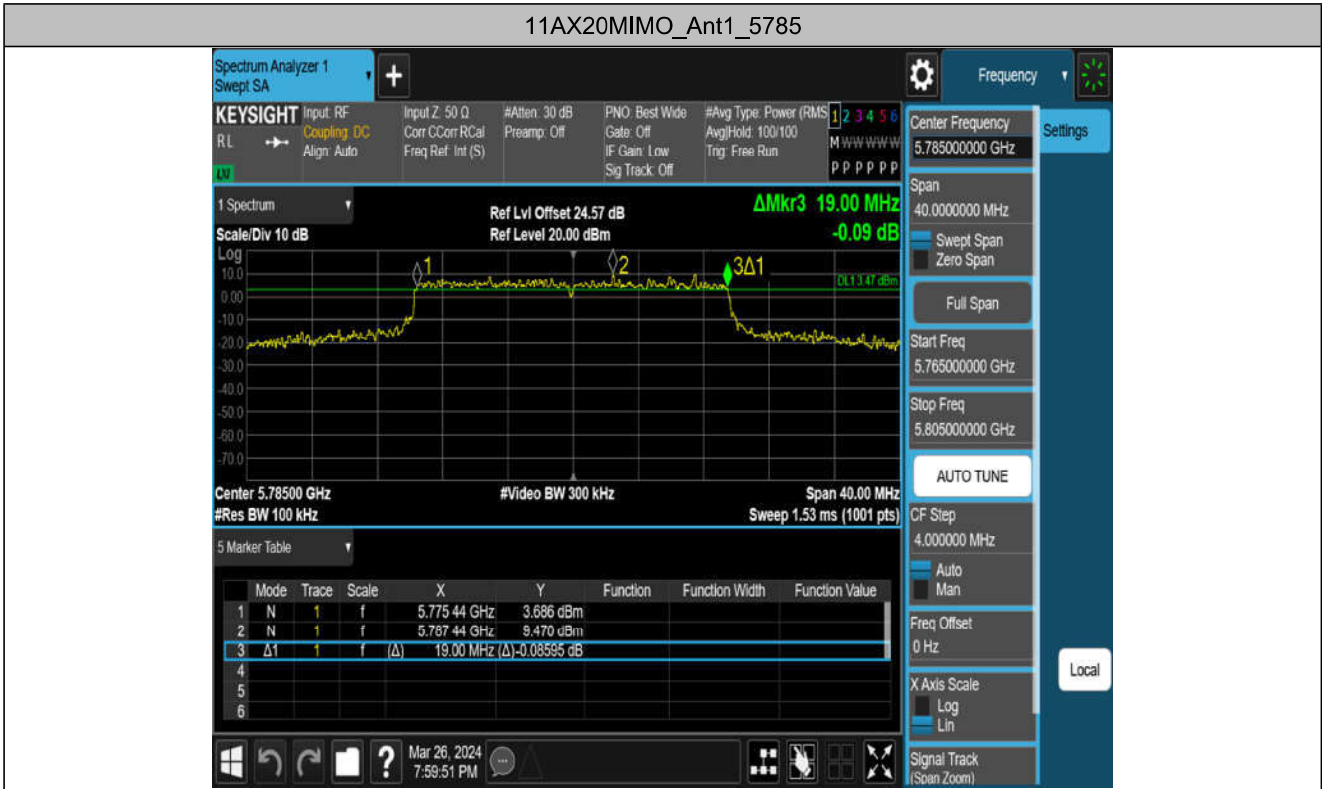
11AC80MIMO\_Ant4\_5775

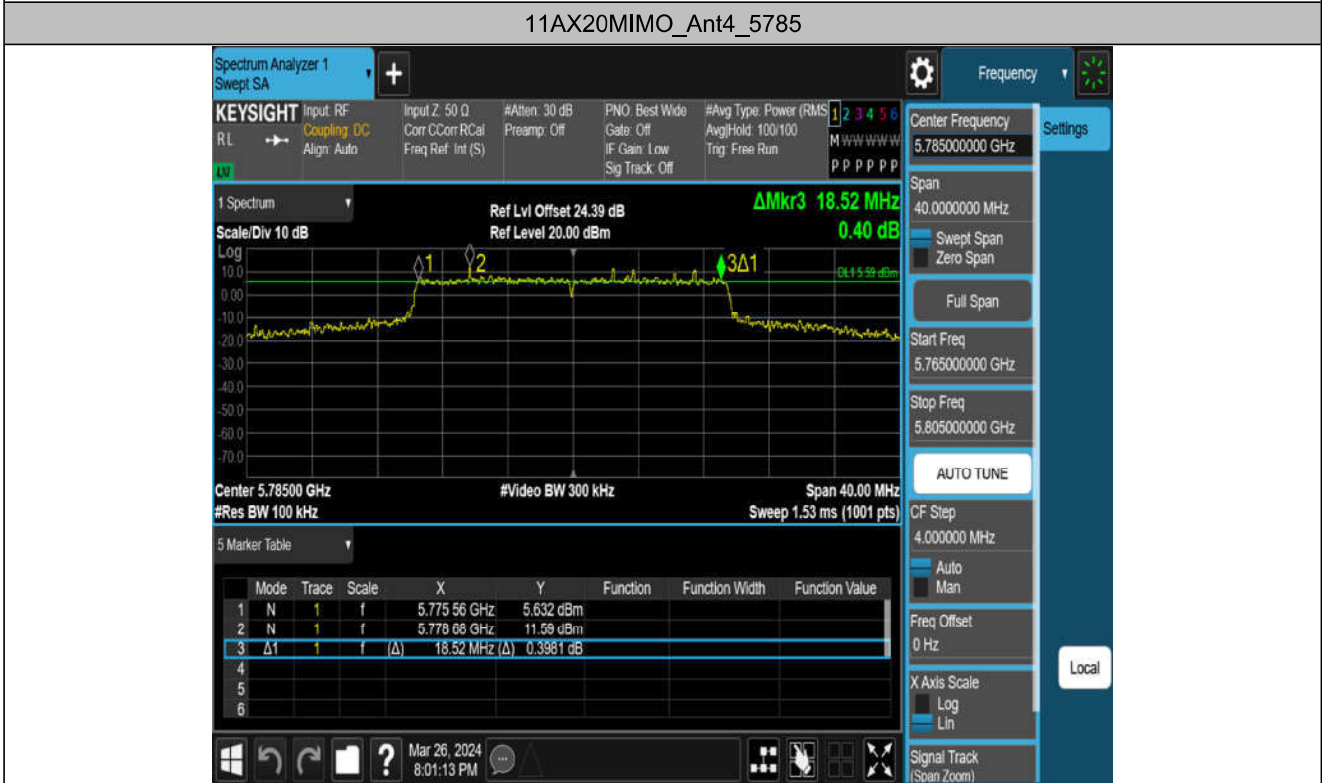
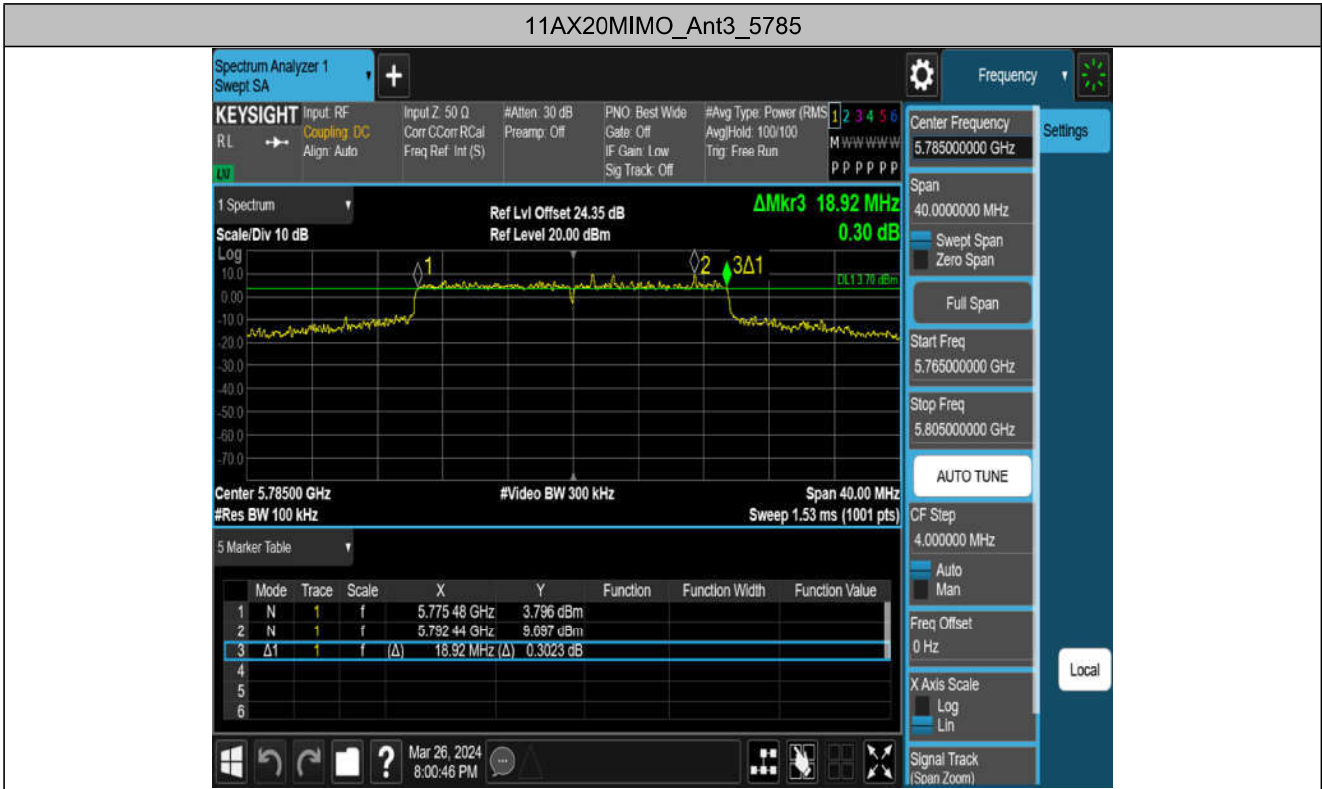


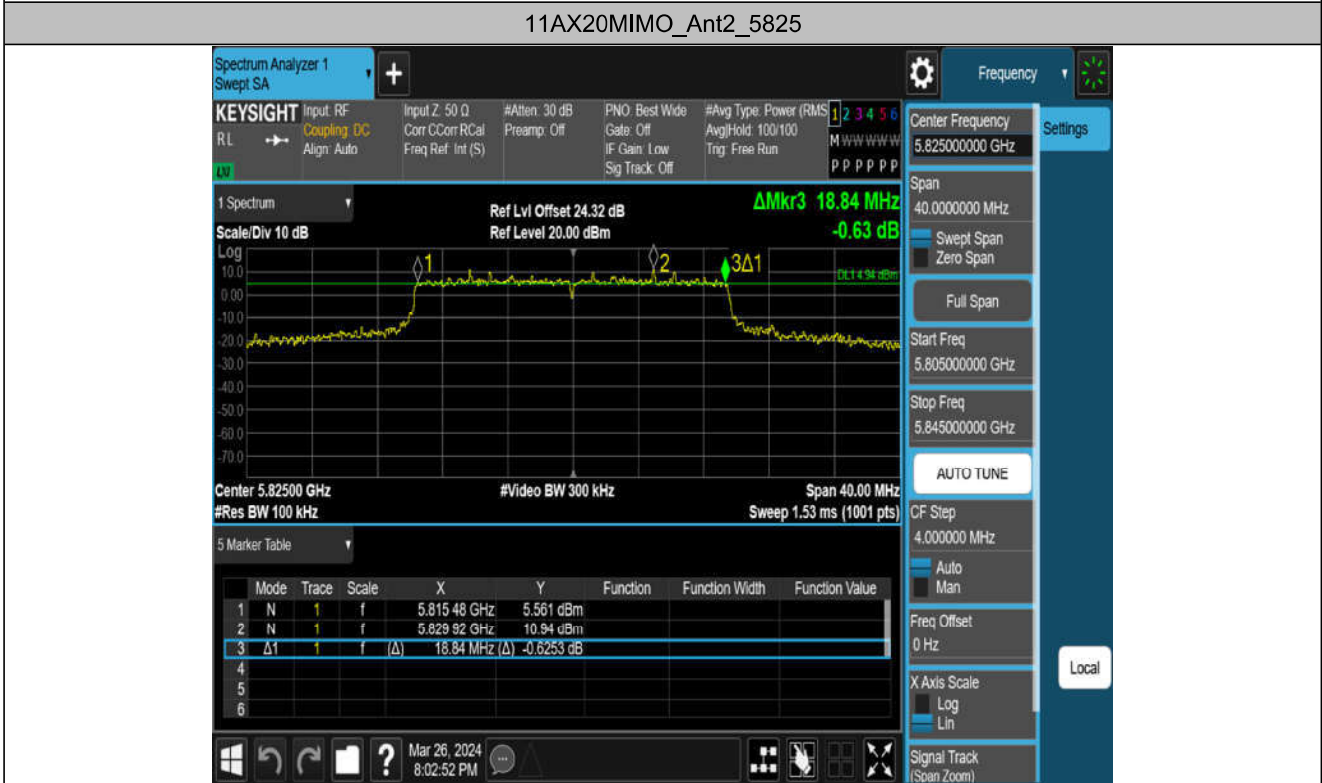
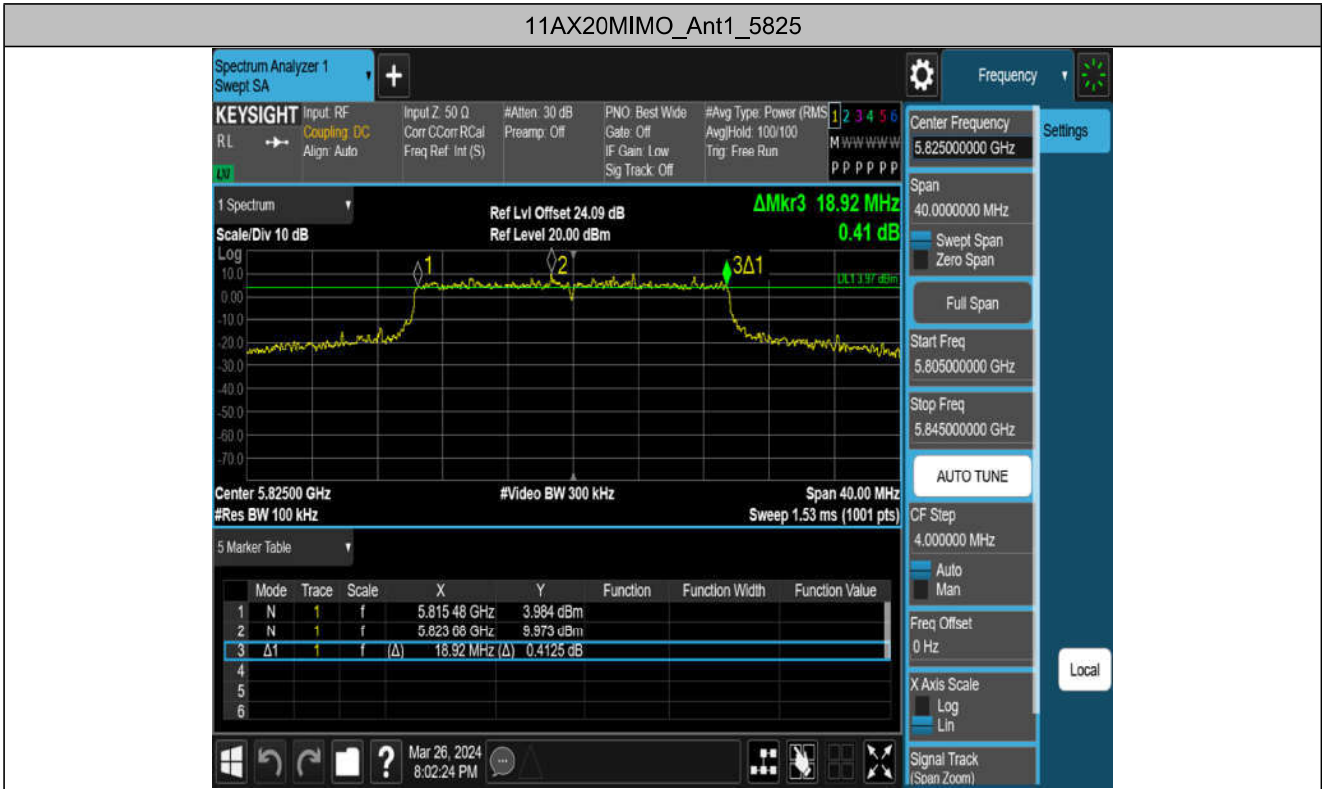


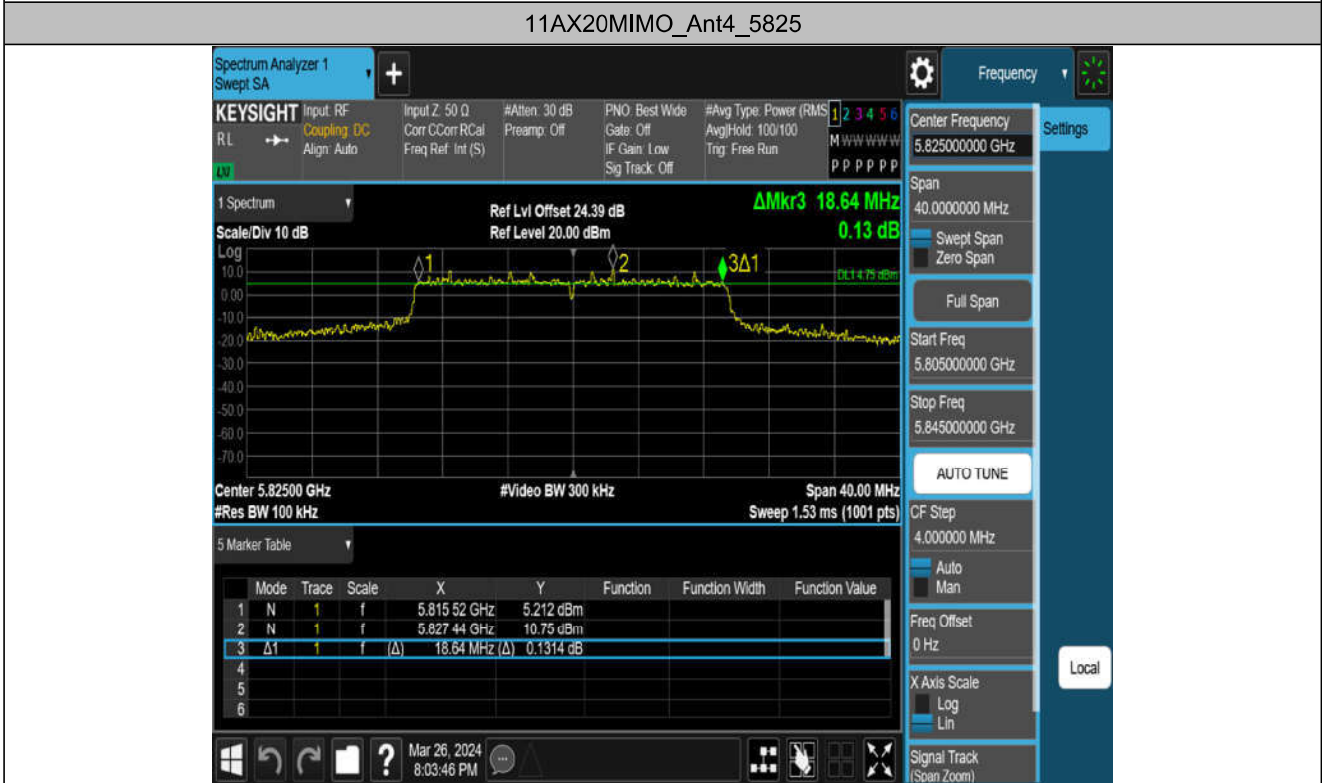


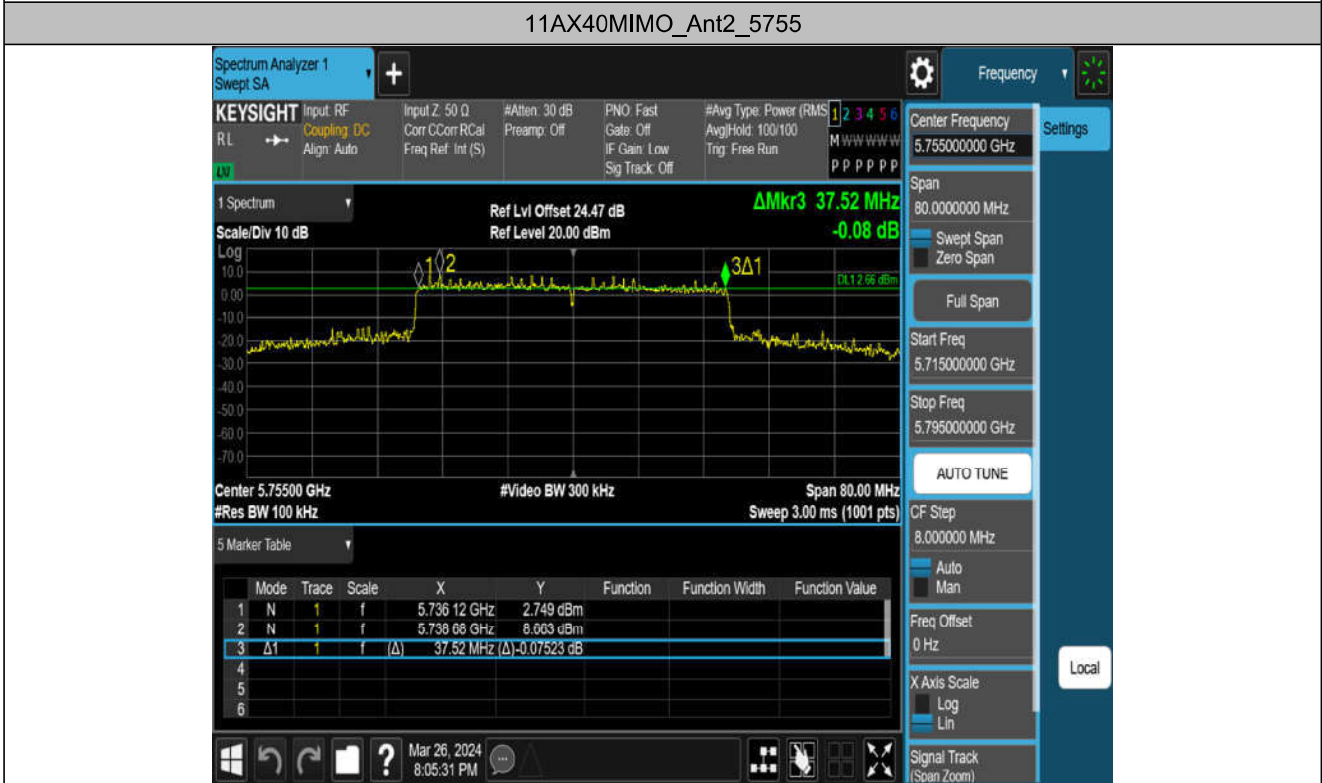
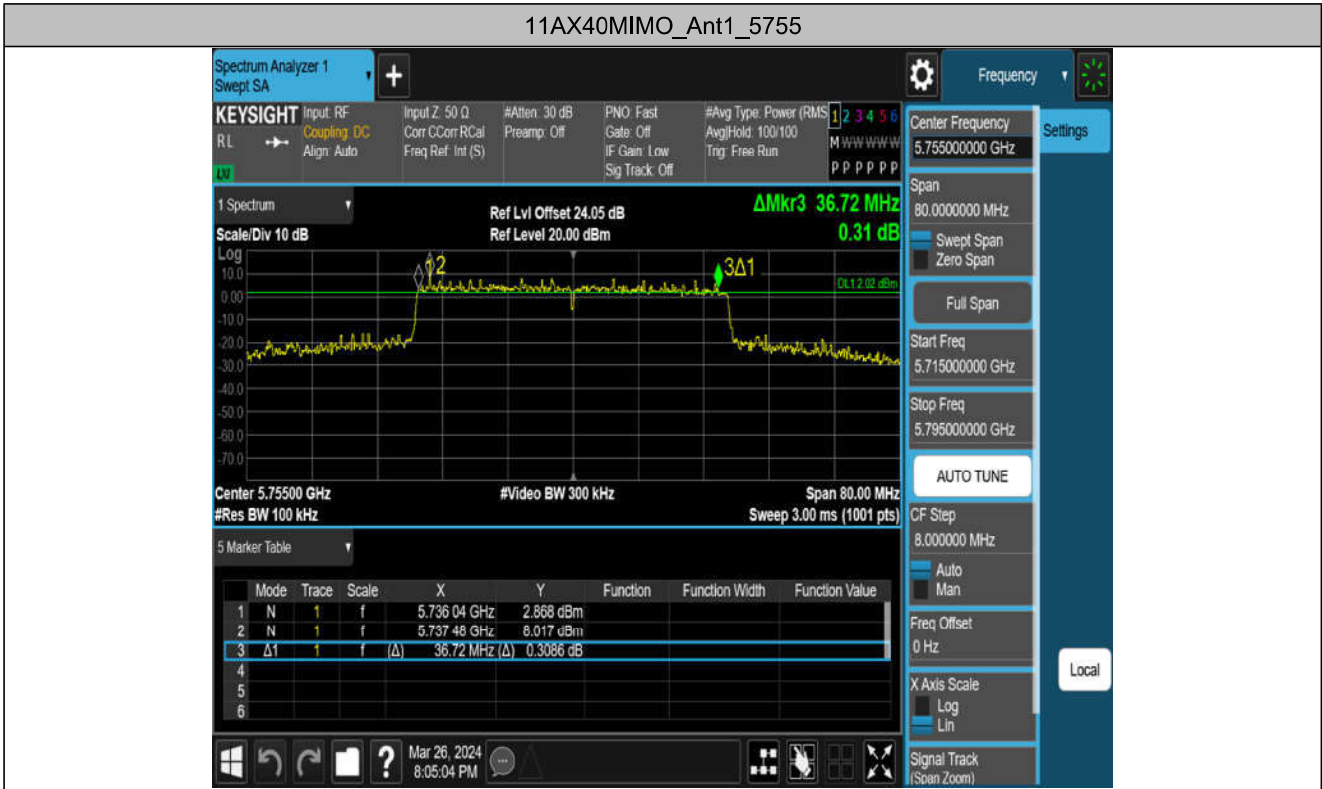


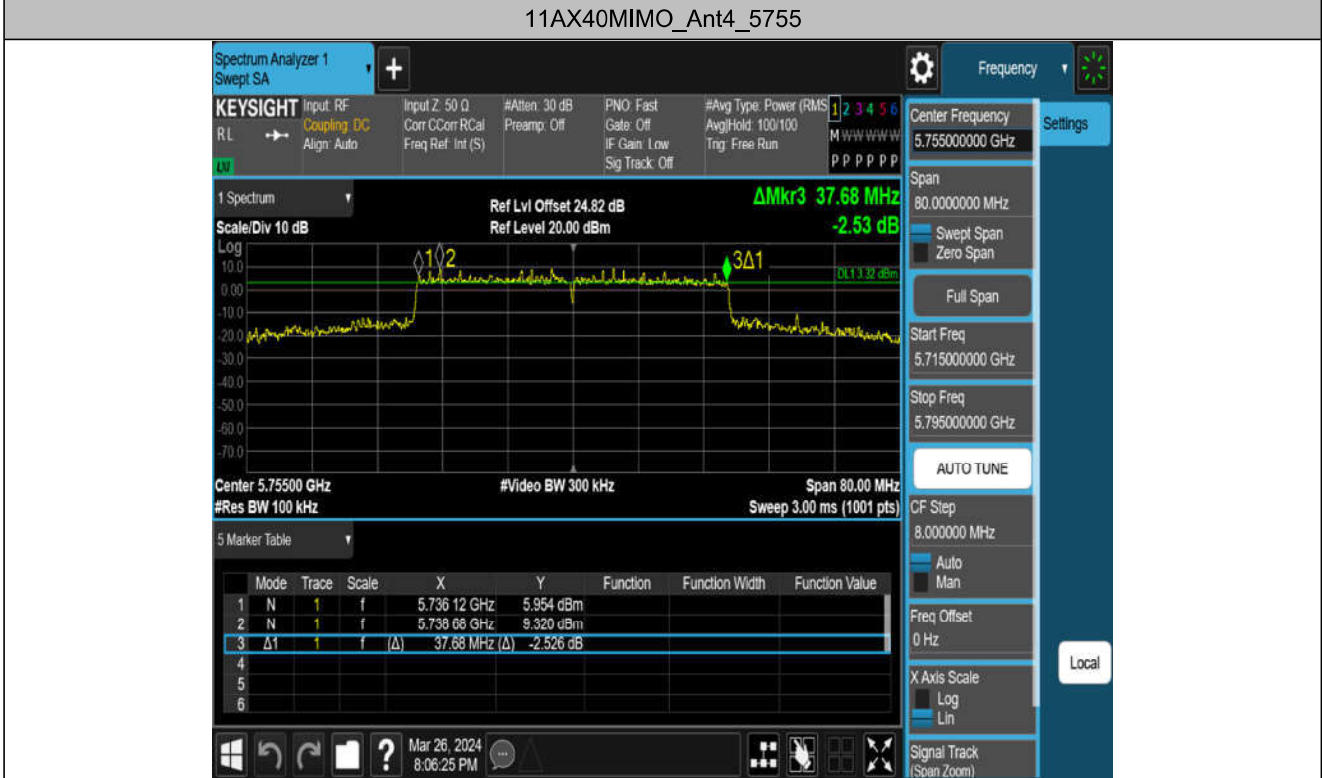
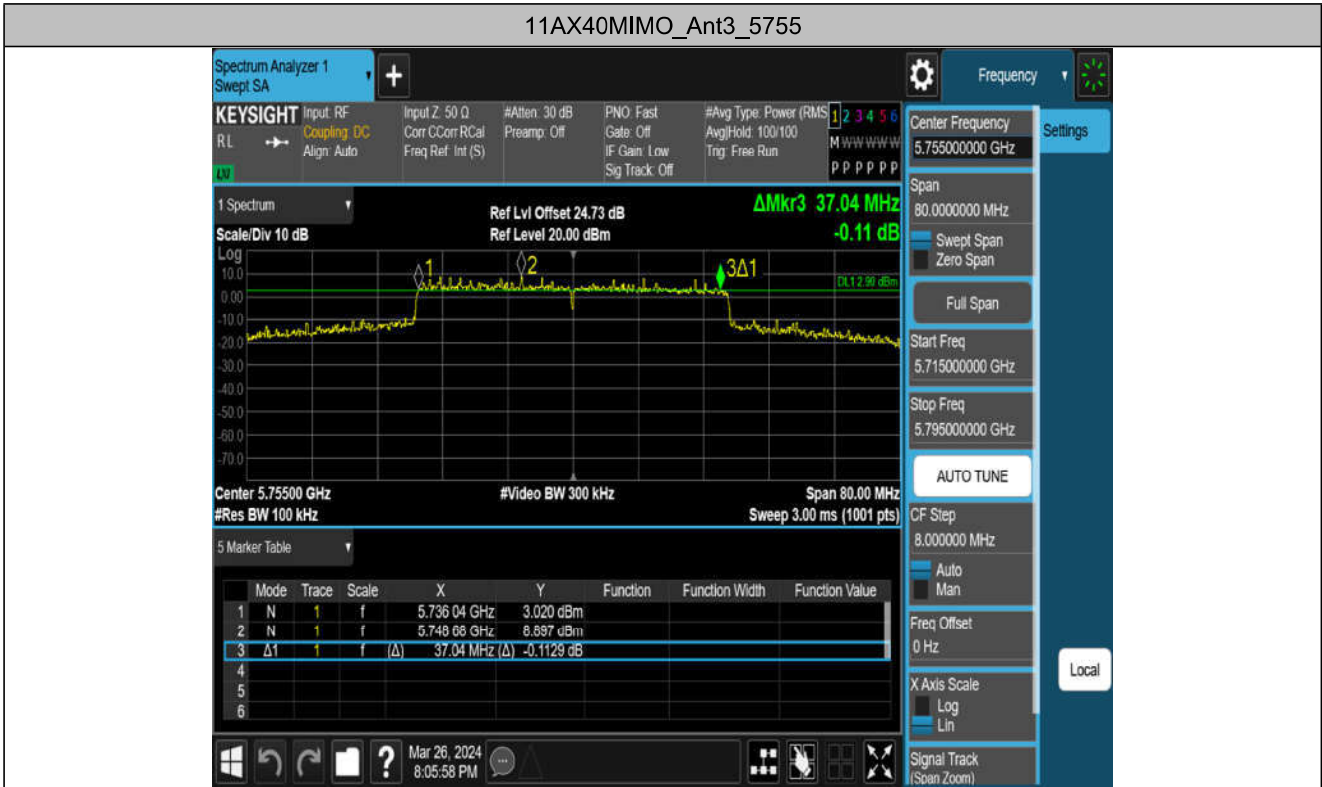




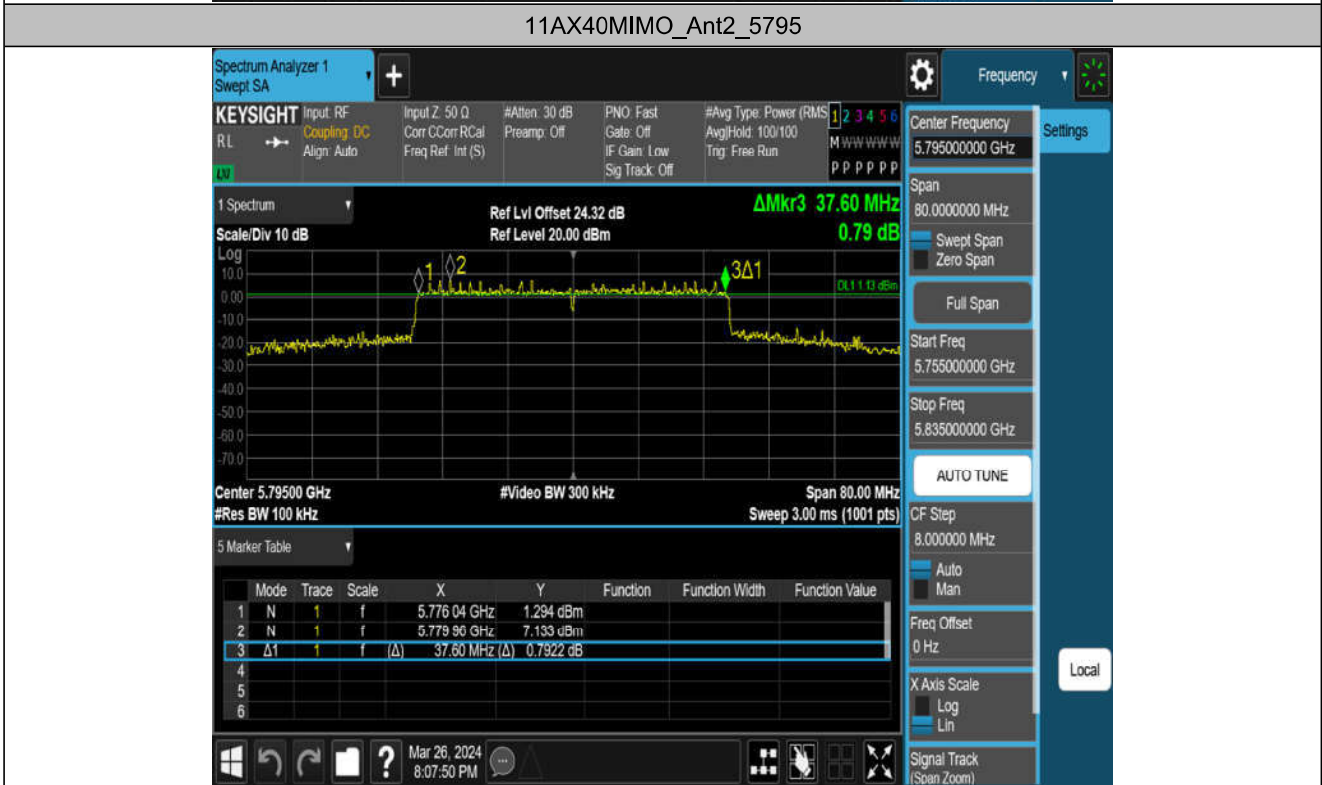
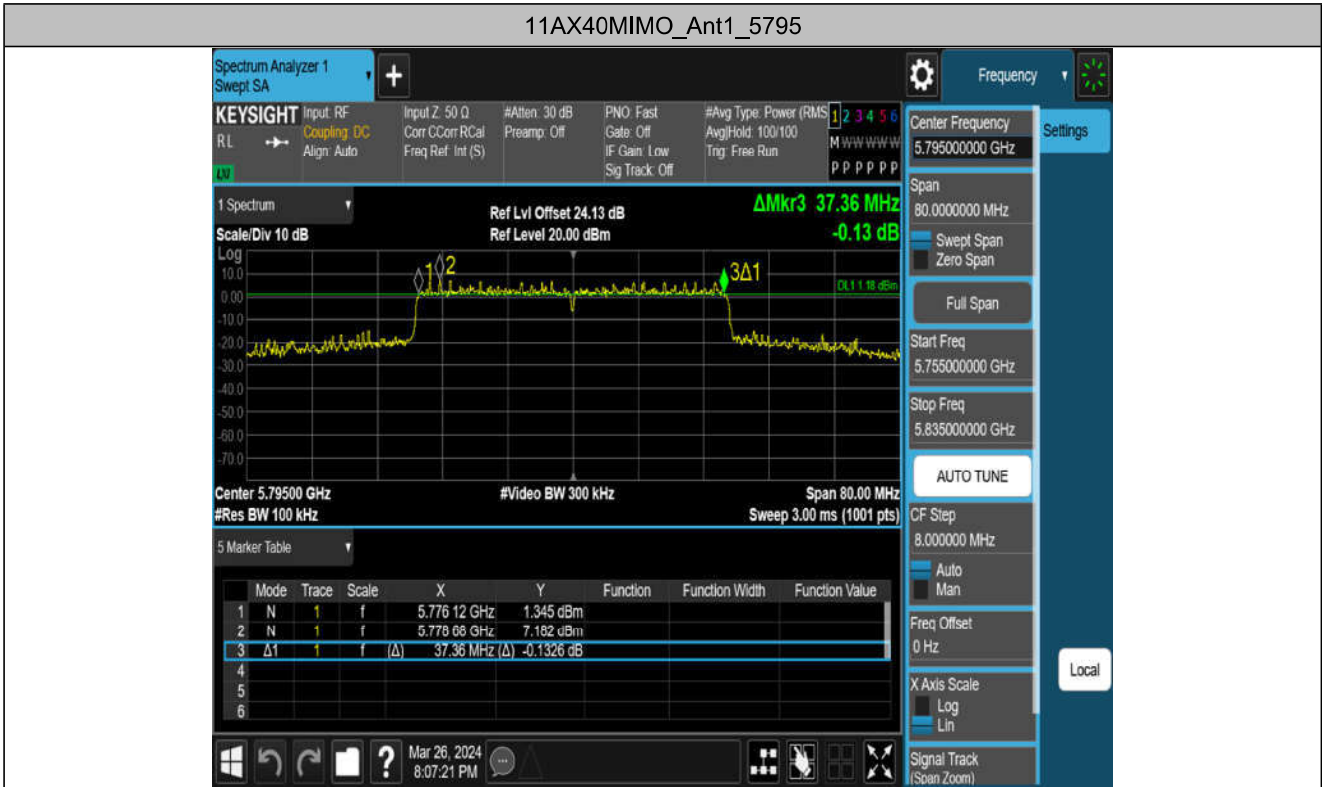


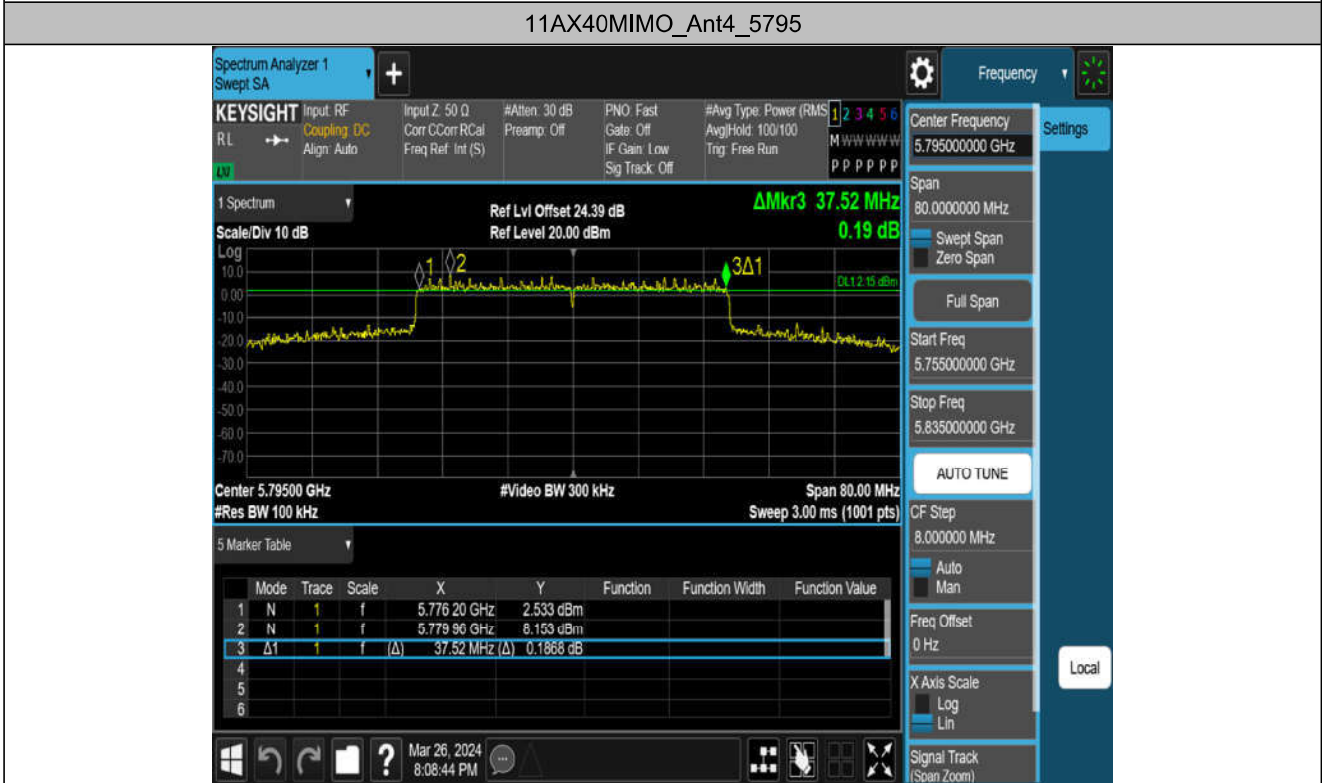
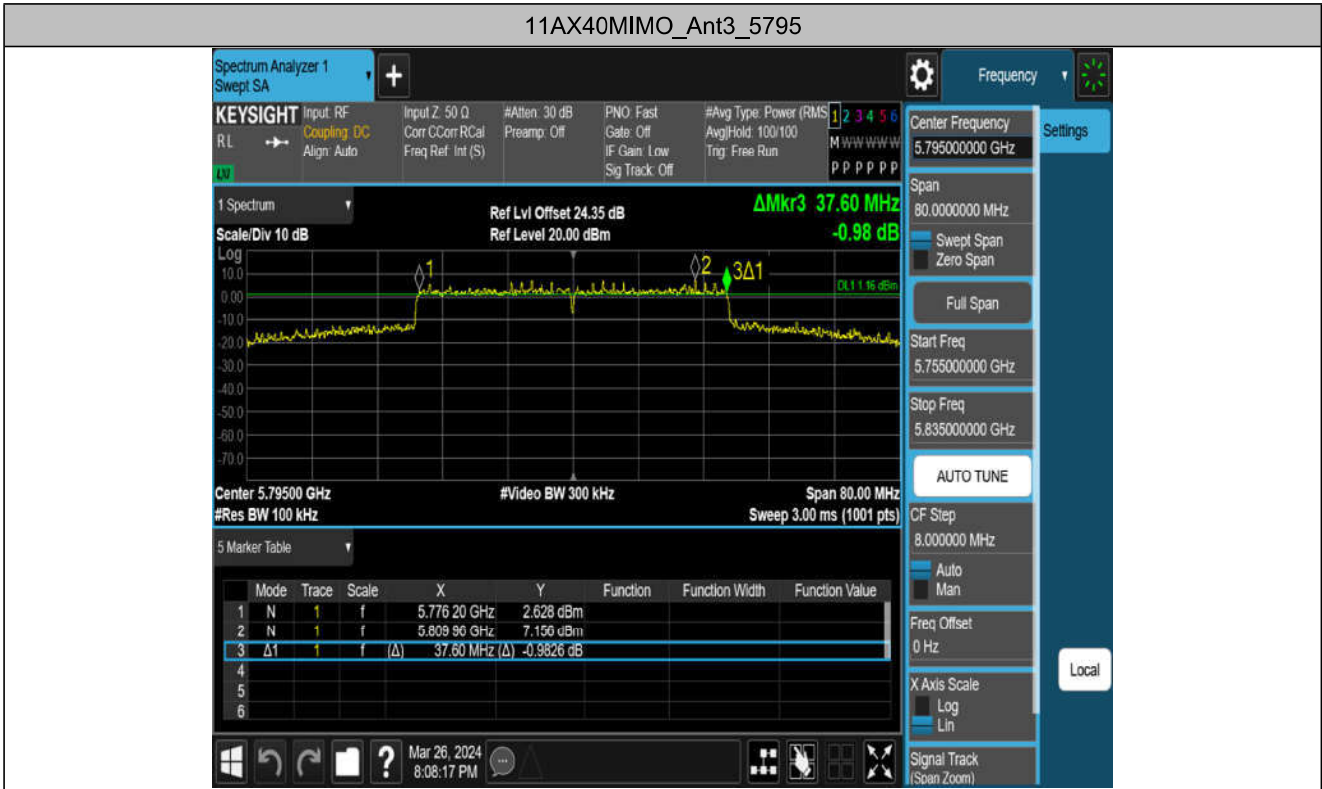


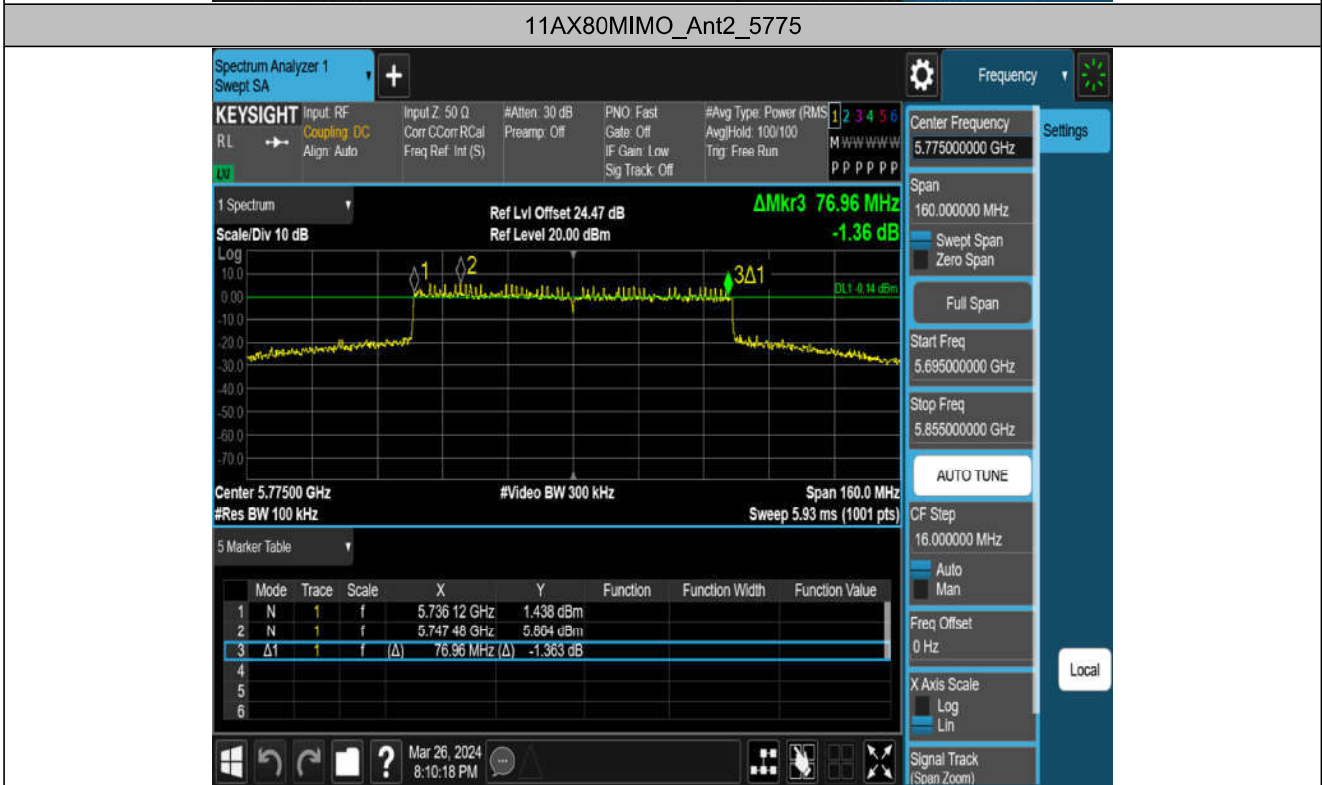
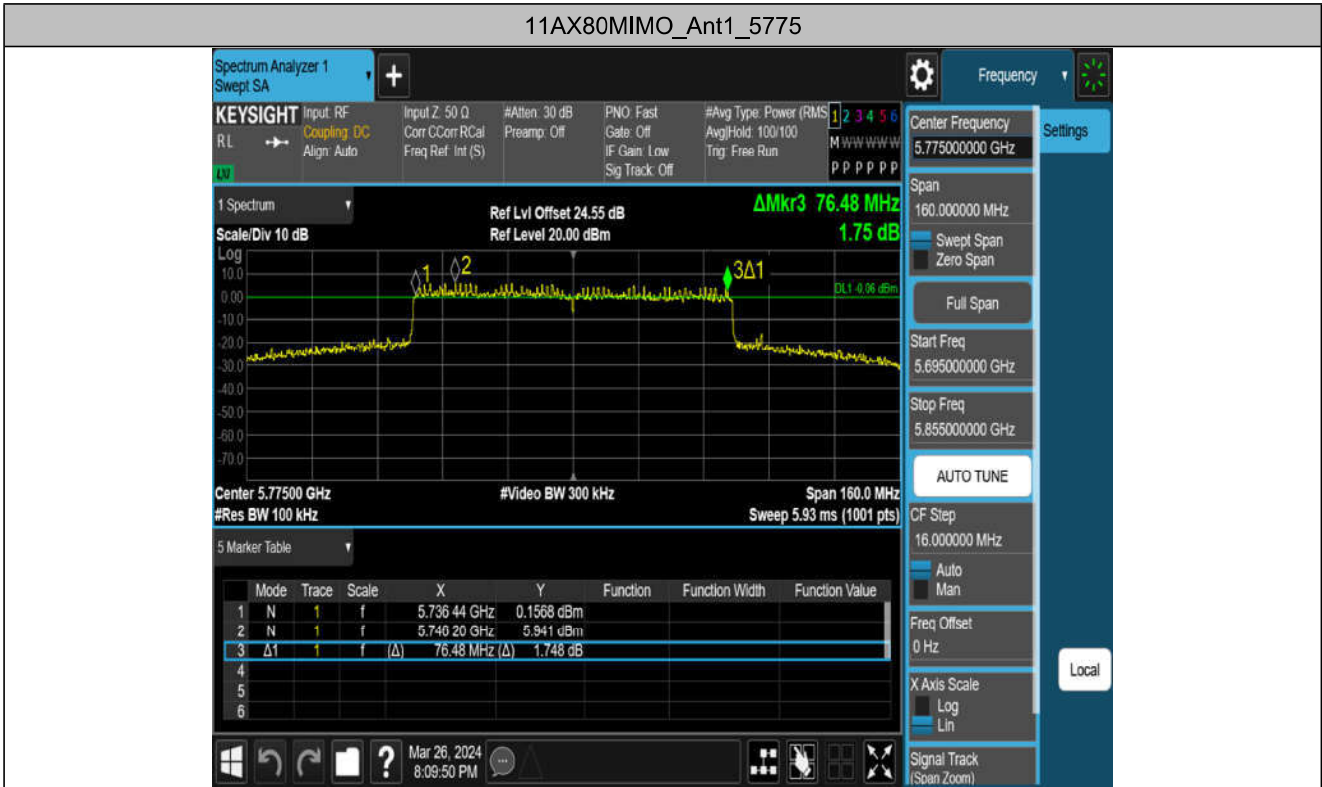


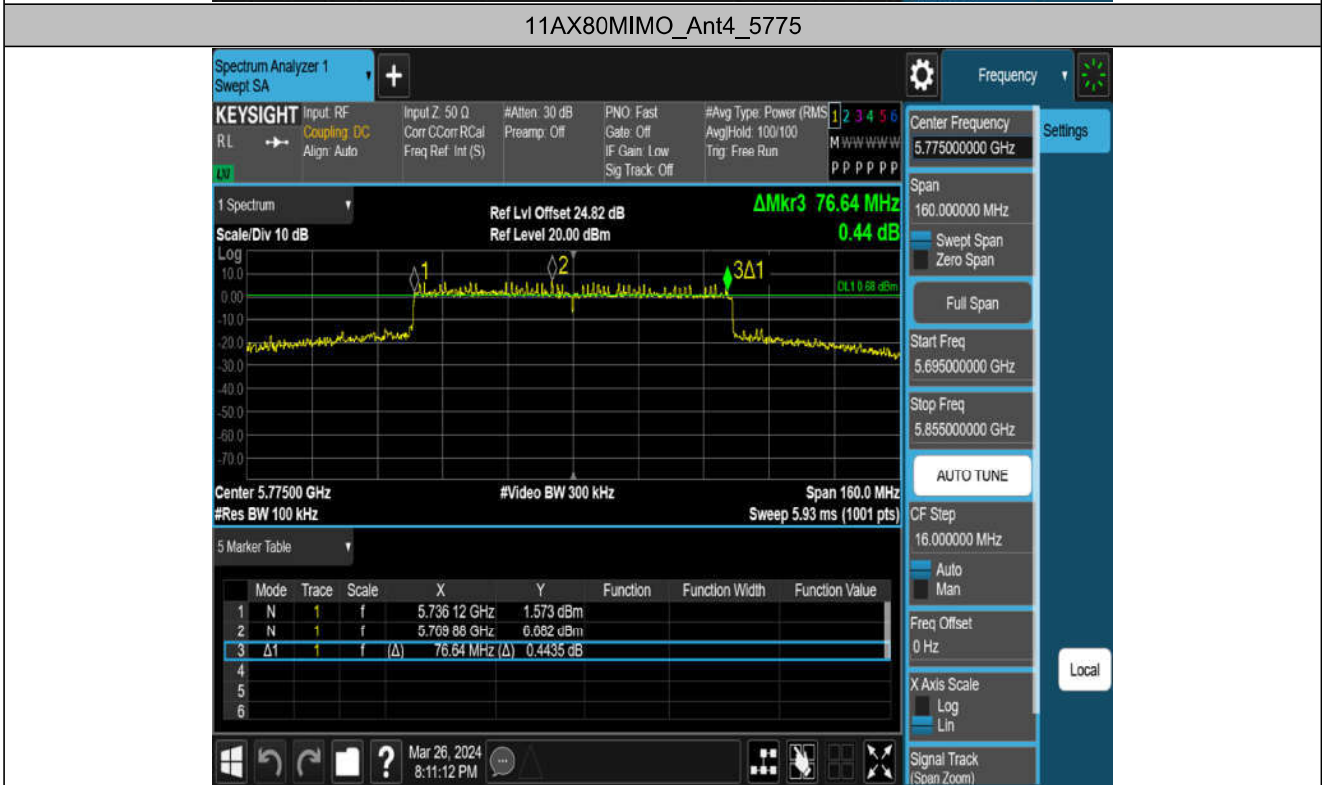
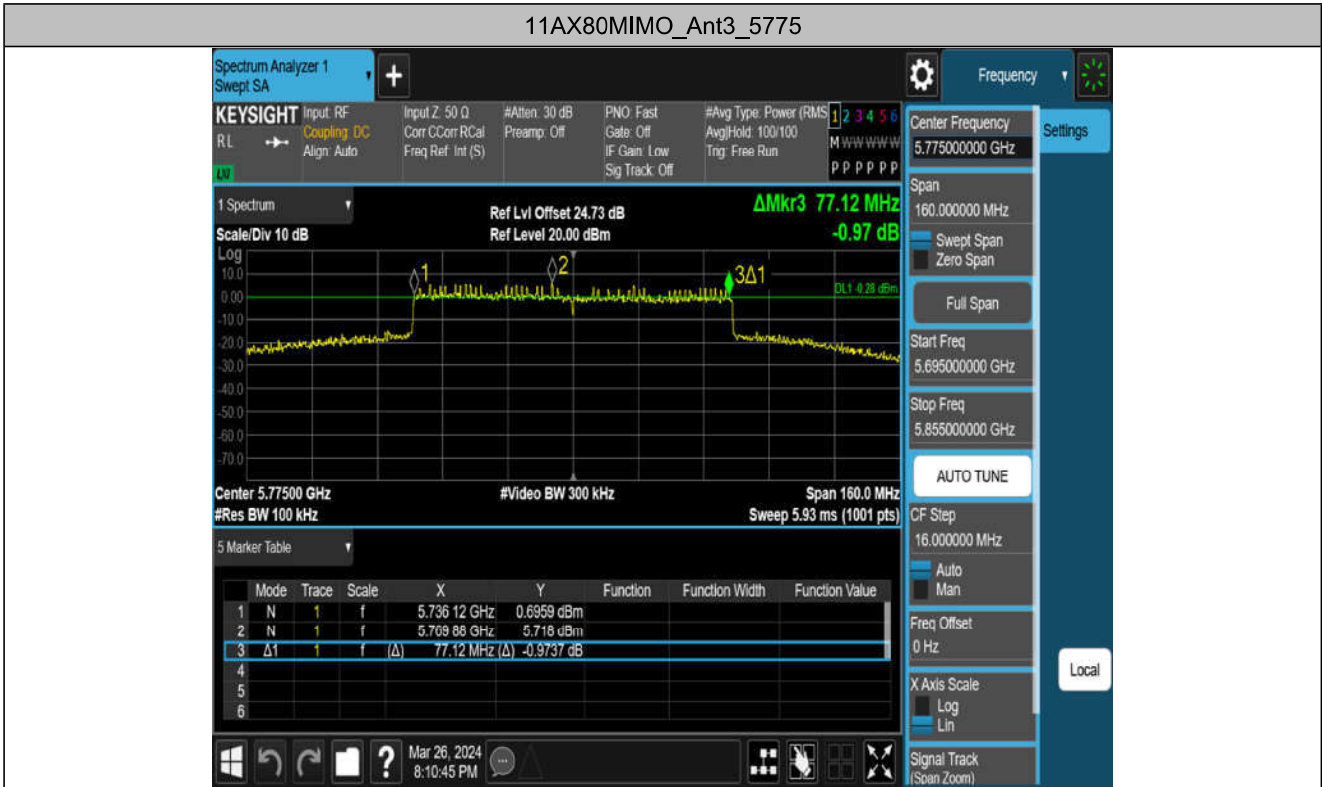












### 3.4 Conducted Output Power

#### 3.4.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Conducted Output Power	Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

#### 3.4.2 Test Procedure

Test Method	
<input checked="" type="radio"/> Conducted Measurement	<input type="radio"/> Radiated Measurement
Test Channels	
<input checked="" type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: ●:Test    ○:No Test	

- a) The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b) Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

#### 3.4.3 Test Setup



### 3.4.4 Table of Parameters of Text Software Setting

UNII-1			
Test Software Version	accessMTool_REL_3_3_0_2		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	70	86	86
IEEE 802.11n(HT20)	70	88	88
IEEE 802.11ac(VHT20)	70	88	88
IEEE 802.11ax(HE20)	60	90	90
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	60	92	
IEEE 802.11ac(VHT40)	60	88	
IEEE 802.11ax(HE40)	60	92	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	60		
IEEE 802.11ax(HE80)	60		

UNII-2A						
Test Software Version	accessMTool_REL_3_3_0_2					
Frequency (MHz)	5260		5300		5320	
TPC	H	L	H	L	H	L
IEEE 802.11a	64	40	64	40	64	40
IEEE 802.11n(HT20)	66	42	66	42	66	42
IEEE 802.11ac(VHT20)	66	42	66	42	66	42
IEEE 802.11ax(HE20)	66	42	66	42	64	40
Frequency (MHz)	5270		5310			
IEEE 802.11n(HT40)	70	46	60	36		
IEEE 802.11ac(VHT40)	66	42	60	36		
IEEE 802.11ax(HE40)	66	42	60	36		
Frequency (MHz)	5290					
IEEE 802.11ac(VHT80)	60	36				
IEEE 802.11ax(HE80)	60	36				
Frequency (MHz)	5250					
IEEE 802.11ac(VHT160)	60	36				
IEEE 802.11ax(HE160)	60	36				

UNII-2C						
Test Software Version	accessMTool_REL_3_3_0_2					
Frequency (MHz)	5500		5580		5700	
TPC	H	L	H	L	H	L
IEEE 802.11a	64	40	64	40	64	40
IEEE 802.11n(HT20)	66	42	66	42	66	42
IEEE 802.11ac(VHT20)	66	42	66	42	66	42
IEEE 802.11ax(HE20)	64	40	66	42	66	42
Frequency (MHz)	5510		5550		5670	
IEEE 802.11n(HT40)	70	46	70	46	72	48
IEEE 802.11ac(VHT40)	60	36	66	42	66	42
IEEE 802.11ax(HE40)	60	36	66	42	66	42
Frequency (MHz)	5530		5610			
IEEE 802.11ac(VHT80)	70	46	70	46		
IEEE 802.11ax(HE80)	60	36	66	42		
Frequency (MHz)	5570					
IEEE 802.11ac(VHT160)	62	38				
IEEE 802.11ax(HE160)	62	38				

UNII-3			
Test Software Version	accessMTool_REL_3_3_0_2		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	85	94	85
IEEE 802.11n(HT20)	85	94	85
IEEE 802.11ac(VHT20)	90	94	90
IEEE 802.11ax(HE20)	90	94	90
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	94	94	
IEEE 802.11ac(VHT40)	93	93	
IEEE 802.11ax(HE40)	94	94	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	94		
IEEE 802.11ax(HE80)	94		

### 3.4.5 The Result

Test Mode	Antenna	Freq(MHz)	TPC Mode	Result [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	NA	16.75	≤29.49	PASS
	Ant2	5180	NA	16.47	≤29.49	PASS
	Ant3	5180	NA	16.66	≤29.49	PASS
	Ant4	5180	NA	15.95	≤29.49	PASS
	total	5180	NA	22.49	≤29.49	PASS
	Ant1	5200	NA	21.45	≤29.49	PASS
	Ant2	5200	NA	21.79	≤29.49	PASS
	Ant3	5200	NA	21.46	≤29.49	PASS
	Ant4	5200	NA	21.19	≤29.49	PASS
	total	5200	NA	27.50	≤29.49	PASS
	Ant1	5240	NA	21.03	≤29.49	PASS
	Ant2	5240	NA	21.57	≤29.49	PASS
	Ant3	5240	NA	20.96	≤29.49	PASS
	Ant4	5240	NA	21.32	≤29.49	PASS
	total	5240	NA	27.25	≤29.49	PASS
	Ant1	5260	TPC_L	8.79	≤23.47	PASS
			TPC_H	15.11	≤23.47	PASS
	Ant2	5260	TPC_L	9.09	≤23.47	PASS
			TPC_H	15.59	≤23.47	PASS
	Ant3	5260	TPC_L	8.40	≤23.47	PASS
			TPC_H	15.18	≤23.47	PASS
	Ant4	5260	TPC_L	9.11	≤23.47	PASS
			TPC_H	15.23	≤23.47	PASS
	total	5260	TPC_L	14.88	≤23.47	PASS
			TPC_H	21.30	≤23.47	PASS
	Ant1	5280	TPC_L	8.24	≤23.47	PASS
			TPC_H	14.77	≤23.47	PASS
	Ant2	5280	TPC_L	8.74	≤23.47	PASS
			TPC_H	15.20	≤23.47	PASS
	Ant3	5280	TPC_L	8.67	≤23.47	PASS
			TPC_H	14.99	≤23.47	PASS
	Ant4	5280	TPC_L	9.05	≤23.47	PASS
			TPC_H	15.39	≤23.47	PASS
	total	5280	TPC_L	14.71	≤23.47	PASS
			TPC_H	21.11	≤23.47	PASS
	Ant1	5320	TPC_L	8.63	≤23.47	PASS
			TPC_H	14.95	≤23.47	PASS
	Ant2	5320	TPC_L	9.20	≤23.47	PASS
			TPC_H	15.64	≤23.47	PASS
	Ant3	5320	TPC_L	8.57	≤23.47	PASS



			TPC_H	15.08	≤23.47	PASS
Ant4	5320		TPC_L	8.50	≤23.47	PASS
			TPC_H	14.85	≤23.47	PASS
			TPC_L	14.75	≤23.47	PASS
total	5320		TPC_H	21.16	≤23.47	PASS
			TPC_L	8.64	≤23.47	PASS
Ant1	5500		TPC_H	15.22	≤23.47	PASS
			TPC_L	8.98	≤23.47	PASS
Ant2	5500		TPC_H	15.29	≤23.47	PASS
			TPC_L	9.21	≤23.47	PASS
Ant3	5500		TPC_H	15.63	≤23.47	PASS
			TPC_L	8.98	≤23.47	PASS
Ant4	5500		TPC_H	15.52	≤23.47	PASS
			TPC_L	14.98	≤23.47	PASS
total	5500		TPC_H	21.44	≤23.47	PASS
			TPC_L	8.67	≤23.47	PASS
Ant1	5580		TPC_H	15.18	≤23.47	PASS
			TPC_L	8.56	≤23.47	PASS
Ant2	5580		TPC_H	15.27	≤23.47	PASS
			TPC_L	9.07	≤23.47	PASS
Ant3	5580		TPC_H	15.38	≤23.47	PASS
			TPC_L	8.35	≤23.47	PASS
Ant4	5580		TPC_H	14.90	≤23.47	PASS
			TPC_L	14.69	≤23.47	PASS
total	5580		TPC_H	21.21	≤23.47	PASS
			TPC_L	8.44	≤23.47	PASS
Ant1	5700		TPC_H	14.77	≤23.47	PASS
			TPC_L	9.14	≤23.47	PASS
Ant2	5700		TPC_H	15.45	≤23.47	PASS
			TPC_L	8.56	≤23.47	PASS
Ant3	5700		TPC_H	14.98	≤23.47	PASS
			TPC_L	9.03	≤23.47	PASS
Ant4	5700		TPC_H	15.41	≤23.47	PASS
			TPC_L	14.82	≤23.47	PASS
total	5700		TPC_H	21.18	≤23.47	PASS
			TPC_L	20.81	≤29.49	PASS
Ant1	5745		NA	20.81	≤29.49	PASS
Ant2	5745		NA	21.96	≤29.49	PASS
Ant3	5745		NA	21.80	≤29.49	PASS
Ant4	5745		NA	21.68	≤29.49	PASS
total	5745		NA	27.61	≤29.49	PASS
Ant1	5785		NA	23.31	≤29.49	PASS
Ant2	5785		NA	23.34	≤29.49	PASS

	Ant3	5785	NA	22.84	≤29.49	PASS
	Ant4	5785	NA	23.14	≤29.49	PASS
	total	5785	NA	29.18	≤29.49	PASS
	Ant1	5825	NA	20.86	≤29.49	PASS
	Ant2	5825	NA	21.59	≤29.49	PASS
	Ant3	5825	NA	21.31	≤29.49	PASS
	Ant4	5825	NA	21.17	≤29.49	PASS
	total	5825	NA	27.26	≤29.49	PASS
11N20MIMO	Ant1	5180	NA	16.93	≤29.49	PASS
	Ant2	5180	NA	16.72	≤29.49	PASS
	Ant3	5180	NA	17.03	≤29.49	PASS
	Ant4	5180	NA	16.17	≤29.49	PASS
	total	5180	NA	22.75	≤29.49	PASS
	Ant1	5200	NA	21.87	≤29.49	PASS
	Ant2	5200	NA	22.01	≤29.49	PASS
	Ant3	5200	NA	22.14	≤29.49	PASS
	Ant4	5200	NA	21.69	≤29.49	PASS
	total	5200	NA	27.95	≤29.49	PASS
	Ant1	5240	NA	21.83	≤29.49	PASS
	Ant2	5240	NA	22.17	≤29.49	PASS
	Ant3	5240	NA	22.05	≤29.49	PASS
	Ant4	5240	NA	21.71	≤29.49	PASS
	total	5240	NA	27.96	≤29.49	PASS
	Ant1	5260	TPC_L	8.90	≤23.47	PASS
			TPC_H	15.25	≤23.47	PASS
	Ant2	5260	TPC_L	9.44	≤23.47	PASS
			TPC_H	15.92	≤23.47	PASS
	Ant3	5260	TPC_L	10.23	≤23.47	PASS
			TPC_H	16.35	≤23.47	PASS
	Ant4	5260	TPC_L	9.19	≤23.47	PASS
			TPC_H	16.01	≤23.47	PASS
	total	5260	TPC_L	15.49	≤23.47	PASS
			TPC_H	21.67	≤23.47	PASS
	Ant1	5280	TPC_L	8.87	≤23.47	PASS
			TPC_H	15.19	≤23.47	PASS
	Ant2	5280	TPC_L	9.24	≤23.47	PASS
			TPC_H	15.72	≤23.47	PASS
	Ant3	5280	TPC_L	9.09	≤23.47	PASS
			TPC_H	15.48	≤23.47	PASS
	Ant4	5280	TPC_L	9.78	≤23.47	PASS
TPC_H			16.15	≤23.47	PASS	
total	5280	TPC_L	15.28	≤23.47	PASS	

	Ant1	5320	TPC_H	21.67	≤23.47	PASS
			TPC_L	8.53	≤23.47	PASS
			TPC_H	15.02	≤23.47	PASS
	Ant2	5320	TPC_L	9.87	≤23.47	PASS
			TPC_H	16.26	≤23.47	PASS
	Ant3	5320	TPC_L	9.05	≤23.47	PASS
			TPC_H	15.83	≤23.47	PASS
	Ant4	5320	TPC_L	9.23	≤23.47	PASS
			TPC_H	15.67	≤23.47	PASS
	total	5320	TPC_L	15.22	≤23.47	PASS
			TPC_H	21.74	≤23.47	PASS
	Ant1	5500	TPC_L	8.40	≤23.47	PASS
			TPC_H	15.12	≤23.47	PASS
	Ant2	5500	TPC_L	9.54	≤23.47	PASS
			TPC_H	15.86	≤23.47	PASS
	Ant3	5500	TPC_L	9.18	≤23.47	PASS
			TPC_H	15.89	≤23.47	PASS
	Ant4	5500	TPC_L	9.17	≤23.47	PASS
			TPC_H	15.61	≤23.47	PASS
	total	5500	TPC_L	15.11	≤23.47	PASS
			TPC_H	21.65	≤23.47	PASS
	Ant1	5580	TPC_L	8.50	≤23.47	PASS
			TPC_H	15.05	≤23.47	PASS
	Ant2	5580	TPC_L	9.78	≤23.47	PASS
			TPC_H	16.17	≤23.47	PASS
	Ant3	5580	TPC_L	9.75	≤23.47	PASS
			TPC_H	16.18	≤23.47	PASS
	Ant4	5580	TPC_L	9.11	≤23.47	PASS
			TPC_H	15.50	≤23.47	PASS
	total	5580	TPC_L	15.34	≤23.47	PASS
TPC_H			21.77	≤23.47	PASS	
Ant1	5700	TPC_L	8.73	≤23.47	PASS	
		TPC_H	15.29	≤23.47	PASS	
Ant2	5700	TPC_L	9.69	≤23.47	PASS	
		TPC_H	16.04	≤23.47	PASS	
Ant3	5700	TPC_L	8.82	≤23.47	PASS	
		TPC_H	15.63	≤23.47	PASS	
Ant4	5700	TPC_L	9.40	≤23.47	PASS	
		TPC_H	15.79	≤23.47	PASS	
total	5700	TPC_L	15.20	≤23.47	PASS	
		TPC_H	21.72	≤23.47	PASS	
Ant1	5745	NA	20.77	≤29.49	PASS	

	Ant2	5745	NA	22.09	≤29.49	PASS
	Ant3	5745	NA	21.97	≤29.49	PASS
	Ant4	5745	NA	21.77	≤29.49	PASS
	total	5745	NA	27.70	≤29.49	PASS
	Ant1	5785	NA	23.45	≤29.49	PASS
	Ant2	5785	NA	22.97	≤29.49	PASS
	Ant3	5785	NA	23.52	≤29.49	PASS
	Ant4	5785	NA	22.85	≤29.49	PASS
	total	5785	NA	29.23	≤29.49	PASS
	Ant1	5825	NA	20.79	≤29.49	PASS
	Ant2	5825	NA	21.67	≤29.49	PASS
	Ant3	5825	NA	21.48	≤29.49	PASS
	Ant4	5825	NA	21.34	≤29.49	PASS
	total	5825	NA	27.35	≤29.49	PASS
11N40MIMO	Ant1	5190	NA	14.11	≤29.49	PASS
	Ant2	5190	NA	14.85	≤29.49	PASS
	Ant3	5190	NA	14.66	≤29.49	PASS
	Ant4	5190	NA	14.02	≤29.49	PASS
	total	5190	NA	20.44	≤29.49	PASS
	Ant1	5230	NA	22.56	≤29.49	PASS
	Ant2	5230	NA	23.71	≤29.49	PASS
	Ant3	5230	NA	23.55	≤29.49	PASS
	Ant4	5230	NA	23.52	≤29.49	PASS
	total	5230	NA	29.38	≤29.49	PASS
	Ant1	5270	TPC_L	10.04	≤23.47	PASS
			TPC_H	16.42	≤23.47	PASS
	Ant2	5270	TPC_L	10.78	≤23.47	PASS
			TPC_H	17.31	≤23.47	PASS
	Ant3	5270	TPC_L	10.59	≤23.47	PASS
			TPC_H	16.94	≤23.47	PASS
	Ant4	5270	TPC_L	10.81	≤23.47	PASS
			TPC_H	17.37	≤23.47	PASS
	total	5270	TPC_L	16.59	≤23.47	PASS
			TPC_H	23.05	≤23.47	PASS
	Ant1	5310	TPC_L	8.13	≤23.47	PASS
			TPC_H	14.45	≤23.47	PASS
	Ant2	5310	TPC_L	8.01	≤23.47	PASS
			TPC_H	14.45	≤23.47	PASS
	Ant3	5310	TPC_L	7.79	≤23.47	PASS
			TPC_H	14.40	≤23.47	PASS
Ant4	5310	TPC_L	7.82	≤23.47	PASS	
		TPC_H	14.41	≤23.47	PASS	

	total	5310	TPC_L	13.96	≤23.47	PASS
			TPC_H	20.45	≤23.47	PASS
	Ant1	5510	TPC_L	7.68	≤23.47	PASS
			TPC_H	14.01	≤23.47	PASS
	Ant2	5510	TPC_L	7.80	≤23.47	PASS
			TPC_H	14.55	≤23.47	PASS
	Ant3	5510	TPC_L	7.89	≤23.47	PASS
			TPC_H	14.50	≤23.47	PASS
	Ant4	5510	TPC_L	8.03	≤23.47	PASS
			TPC_H	14.46	≤23.47	PASS
	total	5510	TPC_L	13.87	≤23.47	PASS
			TPC_H	20.41	≤23.47	PASS
	Ant1	5550	TPC_L	10.60	≤23.47	PASS
			TPC_H	16.88	≤23.47	PASS
	Ant2	5550	TPC_L	10.96	≤23.47	PASS
			TPC_H	17.47	≤23.47	PASS
	Ant3	5550	TPC_L	11.19	≤23.47	PASS
			TPC_H	17.42	≤23.47	PASS
	Ant4	5550	TPC_L	10.74	≤23.47	PASS
			TPC_H	16.93	≤23.47	PASS
	total	5550	TPC_L	16.90	≤23.47	PASS
			TPC_H	23.20	≤23.47	PASS
	Ant1	5670	TPC_L	10.81	≤23.47	PASS
			TPC_H	16.99	≤23.47	PASS
	Ant2	5670	TPC_L	11.14	≤23.47	PASS
			TPC_H	17.43	≤23.47	PASS
	Ant3	5670	TPC_L	10.65	≤23.47	PASS
			TPC_H	17.14	≤23.47	PASS
	Ant4	5670	TPC_L	10.85	≤23.47	PASS
			TPC_H	17.21	≤23.47	PASS
total	5670	TPC_L	16.88	≤23.47	PASS	
		TPC_H	23.22	≤23.47	PASS	
Ant1	5755	NA	23.22	≤29.49	PASS	
Ant2	5755	NA	23.21	≤29.49	PASS	
Ant3	5755	NA	23.42	≤29.49	PASS	
Ant4	5755	NA	23.54	≤29.49	PASS	
total	5755	NA	29.37	≤29.49	PASS	
Ant1	5795	NA	22.88	≤29.49	PASS	
Ant2	5795	NA	23.58	≤29.49	PASS	
Ant3	5795	NA	23.44	≤29.49	PASS	
Ant4	5795	NA	22.85	≤29.49	PASS	
total	5795	NA	29.22	≤29.49	PASS	

11AC20MIMO	Ant1	5180	NA	16.75	≤29.49	PASS
	Ant2	5180	NA	16.99	≤29.49	PASS
	Ant3	5180	NA	16.48	≤29.49	PASS
	Ant4	5180	NA	16.92	≤29.49	PASS
	total	5180	NA	22.81	≤29.49	PASS
	Ant1	5200	NA	21.25	≤29.49	PASS
	Ant2	5200	NA	22.13	≤29.49	PASS
	Ant3	5200	NA	22.15	≤29.49	PASS
	Ant4	5200	NA	21.61	≤29.49	PASS
	total	5200	NA	27.82	≤29.49	PASS
	Ant1	5240	NA	21.16	≤29.49	PASS
	Ant2	5240	NA	21.62	≤29.49	PASS
	Ant3	5240	NA	21.83	≤29.49	PASS
	Ant4	5240	NA	21.65	≤29.49	PASS
	total	5240	NA	27.59	≤29.49	PASS
	Ant1	5260	TPC_L	8.49	≤23.47	PASS
			TPC_H	14.95	≤23.47	PASS
	Ant2	5260	TPC_L	9.13	≤23.47	PASS
			TPC_H	15.50	≤23.47	PASS
	Ant3	5260	TPC_L	8.30	≤23.47	PASS
			TPC_H	14.79	≤23.47	PASS
	Ant4	5260	TPC_L	9.22	≤23.47	PASS
			TPC_H	15.59	≤23.47	PASS
	total	5260	TPC_L	14.82	≤23.47	PASS
			TPC_H	21.24	≤23.47	PASS
	Ant1	5280	TPC_L	8.67	≤23.47	PASS
			TPC_H	15.26	≤23.47	PASS
	Ant2	5280	TPC_L	9.36	≤23.47	PASS
			TPC_H	15.73	≤23.47	PASS
	Ant3	5280	TPC_L	8.76	≤23.47	PASS
			TPC_H	15.31	≤23.47	PASS
	Ant4	5280	TPC_L	9.35	≤23.47	PASS
			TPC_H	15.73	≤23.47	PASS
	total	5280	TPC_L	15.07	≤23.47	PASS
			TPC_H	21.53	≤23.47	PASS
	Ant1	5320	TPC_L	8.31	≤23.47	PASS
			TPC_H	14.50	≤23.47	PASS
	Ant2	5320	TPC_L	9.62	≤23.47	PASS
			TPC_H	15.84	≤23.47	PASS
	Ant3	5320	TPC_L	9.02	≤23.47	PASS
TPC_H			15.51	≤23.47	PASS	
Ant4	5320	TPC_L	9.00	≤23.47	PASS	

			TPC_H	15.44	≤23.47	PASS
	total	5320	TPC_L	15.03	≤23.47	PASS
			TPC_H	21.37	≤23.47	PASS
	Ant1	5500	TPC_L	8.63	≤23.47	PASS
			TPC_H	15.21	≤23.47	PASS
	Ant2	5500	TPC_L	9.20	≤23.47	PASS
			TPC_H	15.48	≤23.47	PASS
	Ant3	5500	TPC_L	9.26	≤23.47	PASS
			TPC_H	15.77	≤23.47	PASS
	Ant4	5500	TPC_L	9.31	≤23.47	PASS
			TPC_H	15.65	≤23.47	PASS
	total	5500	TPC_L	15.13	≤23.47	PASS
			TPC_H	21.55	≤23.47	PASS
	Ant1	5580	TPC_L	9.07	≤23.47	PASS
			TPC_H	15.80	≤23.47	PASS
	Ant2	5580	TPC_L	9.76	≤23.47	PASS
			TPC_H	16.05	≤23.47	PASS
	Ant3	5580	TPC_L	9.61	≤23.47	PASS
			TPC_H	15.83	≤23.47	PASS
	Ant4	5580	TPC_L	9.20	≤23.47	PASS
			TPC_H	15.49	≤23.47	PASS
	total	5580	TPC_L	15.44	≤23.47	PASS
			TPC_H	21.82	≤23.47	PASS
	Ant1	5700	TPC_L	8.73	≤23.47	PASS
			TPC_H	15.21	≤23.47	PASS
	Ant2	5700	TPC_L	10.01	≤23.47	PASS
			TPC_H	16.42	≤23.47	PASS
	Ant3	5700	TPC_L	9.32	≤23.47	PASS
			TPC_H	15.60	≤23.47	PASS
	Ant4	5700	TPC_L	9.36	≤23.47	PASS
			TPC_H	15.81	≤23.47	PASS
	total	5700	TPC_L	15.40	≤23.47	PASS
			TPC_H	21.80	≤23.47	PASS
	Ant1	5745	NA	22.34	≤29.49	PASS
	Ant2	5745	NA	22.51	≤29.49	PASS
	Ant3	5745	NA	22.48	≤29.49	PASS
	Ant4	5745	NA	22.45	≤29.49	PASS
	total	5745	NA	28.47	≤29.49	PASS
	Ant1	5785	NA	23.42	≤29.49	PASS
	Ant2	5785	NA	23.35	≤29.49	PASS
	Ant3	5785	NA	23.24	≤29.49	PASS
	Ant4	5785	NA	23.22	≤29.49	PASS

	total	5785	NA	29.33	≤29.49	PASS
	Ant1	5825	NA	22.12	≤29.49	PASS
	Ant2	5825	NA	22.78	≤29.49	PASS
	Ant3	5825	NA	22.97	≤29.49	PASS
	Ant4	5825	NA	22.29	≤29.49	PASS
	total	5825	NA	28.57	≤29.49	PASS
11AC40MIMO	Ant1	5190	NA	14.17	≤29.49	PASS
	Ant2	5190	NA	14.53	≤29.49	PASS
	Ant3	5190	NA	14.48	≤29.49	PASS
	Ant4	5190	NA	14.06	≤29.49	PASS
	total	5190	NA	20.34	≤29.49	PASS
	Ant1	5230	NA	22.25	≤29.49	PASS
	Ant2	5230	NA	23.84	≤29.49	PASS
	Ant3	5230	NA	23.31	≤29.49	PASS
	Ant4	5230	NA	23.17	≤29.49	PASS
	total	5230	NA	29.20	≤29.49	PASS
	Ant1	5270	TPC_L	10.36	≤23.47	PASS
			TPC_H	16.55	≤23.47	PASS
	Ant2	5270	TPC_L	11.26	≤23.47	PASS
			TPC_H	17.45	≤23.47	PASS
	Ant3	5270	TPC_L	10.84	≤23.47	PASS
			TPC_H	17.06	≤23.47	PASS
	Ant4	5270	TPC_L	10.80	≤23.47	PASS
			TPC_H	17.29	≤23.47	PASS
	total	5270	TPC_L	16.85	≤23.47	PASS
			TPC_H	23.12	≤23.47	PASS
	Ant1	5310	TPC_L	7.59	≤23.47	PASS
			TPC_H	14.42	≤23.47	PASS
	Ant2	5310	TPC_L	8.50	≤23.47	PASS
			TPC_H	15.03	≤23.47	PASS
	Ant3	5310	TPC_L	8.79	≤23.47	PASS
			TPC_H	14.91	≤23.47	PASS
	Ant4	5310	TPC_L	8.79	≤23.47	PASS
			TPC_H	15.14	≤23.47	PASS
	total	5310	TPC_L	14.46	≤23.47	PASS
			TPC_H	20.90	≤23.47	PASS
	Ant1	5510	TPC_L	8.34	≤23.47	PASS
			TPC_H	14.67	≤23.47	PASS
Ant2	5510	TPC_L	8.90	≤23.47	PASS	
		TPC_H	15.05	≤23.47	PASS	
Ant3	5510	TPC_L	8.86	≤23.47	PASS	
		TPC_H	15.13	≤23.47	PASS	



	Ant4	5510	TPC_L	8.92	≤23.47	PASS
			TPC_H	15.15	≤23.47	PASS
	total	5510	TPC_L	14.78	≤23.47	PASS
			TPC_H	21.02	≤23.47	PASS
	Ant1	5550	TPC_L	10.17	≤23.47	PASS
			TPC_H	16.56	≤23.47	PASS
	Ant2	5550	TPC_L	10.83	≤23.47	PASS
			TPC_H	17.65	≤23.47	PASS
	Ant3	5550	TPC_L	10.92	≤23.47	PASS
			TPC_H	17.47	≤23.47	PASS
	Ant4	5550	TPC_L	10.71	≤23.47	PASS
			TPC_H	17.19	≤23.47	PASS
	total	5550	TPC_L	16.69	≤23.47	PASS
			TPC_H	23.26	≤23.47	PASS
	Ant1	5670	TPC_L	9.86	≤23.47	PASS
			TPC_H	16.08	≤23.47	PASS
	Ant2	5670	TPC_L	10.85	≤23.47	PASS
			TPC_H	17.51	≤23.47	PASS
	Ant3	5670	TPC_L	10.07	≤23.47	PASS
			TPC_H	16.80	≤23.47	PASS
	Ant4	5670	TPC_L	11.12	≤23.47	PASS
			TPC_H	17.37	≤23.47	PASS
	total	5670	TPC_L	16.53	≤23.47	PASS
			TPC_H	23.00	≤23.47	PASS
	Ant1	5755	NA	23.14	≤29.49	PASS
	Ant2	5755	NA	23.22	≤29.49	PASS
	Ant3	5755	NA	23.45	≤29.49	PASS
	Ant4	5755	NA	23.74	≤29.49	PASS
	total	5755	NA	29.41	≤29.49	PASS
	Ant1	5795	NA	23.11	≤29.49	PASS
	Ant2	5795	NA	22.96	≤29.49	PASS
	Ant3	5795	NA	23.31	≤29.49	PASS
Ant4	5795	NA	23.29	≤29.49	PASS	
total	5795	NA	29.19	≤29.49	PASS	
11AC80MIMO	Ant1	5210	NA	14.05	≤29.49	PASS
	Ant2	5210	NA	14.87	≤29.49	PASS
	Ant3	5210	NA	14.65	≤29.49	PASS
	Ant4	5210	NA	14.16	≤29.49	PASS
	total	5210	NA	20.47	≤29.49	PASS
	Ant1	5290	TPC_L	7.47	≤23.47	PASS
			TPC_H	13.92	≤23.47	PASS
Ant2	5290	TPC_L	8.08	≤23.47	PASS	

	Ant3	5290	TPC_H	14.67	≤23.47	PASS
			TPC_L	7.69	≤23.47	PASS
			TPC_H	14.22	≤23.47	PASS
	Ant4	5290	TPC_L	8.19	≤23.47	PASS
			TPC_H	14.74	≤23.47	PASS
	total	5290	TPC_L	13.89	≤23.47	PASS
			TPC_H	20.42	≤23.47	PASS
	Ant1	5530	TPC_L	10.60	≤23.47	PASS
			TPC_H	17.19	≤23.47	PASS
	Ant2	5530	TPC_L	10.83	≤23.47	PASS
			TPC_H	17.18	≤23.47	PASS
	Ant3	5530	TPC_L	10.27	≤23.47	PASS
			TPC_H	16.76	≤23.47	PASS
	Ant4	5530	TPC_L	10.83	≤23.47	PASS
			TPC_H	17.21	≤23.47	PASS
	total	5530	TPC_L	16.66	≤23.47	PASS
			TPC_H	23.11	≤23.47	PASS
	Ant1	5610	TPC_L	10.38	≤23.47	PASS
			TPC_H	16.97	≤23.47	PASS
	Ant2	5610	TPC_L	11.13	≤23.47	PASS
			TPC_H	17.47	≤23.47	PASS
	Ant3	5610	TPC_L	10.74	≤23.47	PASS
			TPC_H	17.23	≤23.47	PASS
	Ant4	5610	TPC_L	11.31	≤23.47	PASS
			TPC_H	17.62	≤23.47	PASS
	total	5610	TPC_L	16.93	≤23.47	PASS
			TPC_H	23.35	≤23.47	PASS
	Ant1	5775	NA	22.53	≤29.49	PASS
	Ant2	5775	NA	22.99	≤29.49	PASS
	Ant3	5775	NA	23.04	≤29.49	PASS
Ant4	5775	NA	22.94	≤29.49	PASS	
total	5775	NA	28.90	≤29.49	PASS	
11AC160MIMO	Ant1	5250_UNII-1	TPC_L	6.45	≤29.49	PASS
			TPC_H	12.78	≤29.49	PASS
	Ant2	5250_UNII-1	TPC_L	5.68	≤29.49	PASS
			TPC_H	12.14	≤29.49	PASS
	Ant3	5250_UNII-1	TPC_L	5.74	≤29.49	PASS
			TPC_H	12.29	≤29.49	PASS
	Ant4	5250_UNII-1	TPC_L	7.02	≤29.49	PASS
			TPC_H	12.37	≤29.49	PASS
	total	5250_UNII-1	TPC_L	12.28	≤29.49	PASS
			TPC_H	18.42	≤29.49	PASS

	Ant1	5250_UNII-2A	TPC_L	5.70	≤23.47	PASS
			TPC_H	12.19	≤23.47	PASS
	Ant2	5250_UNII-2A	TPC_L	5.51	≤23.47	PASS
			TPC_H	11.89	≤23.47	PASS
	Ant3	5250_UNII-2A	TPC_L	5.17	≤23.47	PASS
			TPC_H	11.76	≤23.47	PASS
	Ant4	5250_UNII-2A	TPC_L	5.32	≤23.47	PASS
			TPC_H	11.81	≤23.47	PASS
	total	5250_UNII-2A	TPC_L	11.45	≤23.47	PASS
			TPC_H	17.94	≤23.47	PASS
	Ant1	5570	TPC_L	8.08	≤23.47	PASS
			TPC_H	14.40	≤23.47	PASS
	Ant2	5570	TPC_L	9.21	≤23.47	PASS
			TPC_H	15.60	≤23.47	PASS
	Ant3	5570	TPC_L	9.41	≤23.47	PASS
			TPC_H	15.78	≤23.47	PASS
	Ant4	5570	TPC_L	8.88	≤23.47	PASS
			TPC_H	15.47	≤23.47	PASS
	total	5570	TPC_L	14.94	≤23.47	PASS
			TPC_H	21.37	≤23.47	PASS
11AX20MIMO	Ant1	5180	NA	14.15	≤29.49	PASS
	Ant2	5180	NA	15.14	≤29.49	PASS
	Ant3	5180	NA	15.31	≤29.49	PASS
	Ant4	5180	NA	14.53	≤29.49	PASS
	total	5180	NA	20.83	≤29.49	PASS
	Ant1	5200	NA	21.97	≤29.49	PASS
	Ant2	5200	NA	22.34	≤29.49	PASS
	Ant3	5200	NA	22.43	≤29.49	PASS
	Ant4	5200	NA	22.36	≤29.49	PASS
	total	5200	NA	28.30	≤29.49	PASS
	Ant1	5240	NA	22.02	≤29.49	PASS
	Ant2	5240	NA	22.34	≤29.49	PASS
	Ant3	5240	NA	22.42	≤29.49	PASS
	Ant4	5240	NA	22.57	≤29.49	PASS
	total	5240	NA	28.36	≤29.49	PASS
	Ant1	5260	TPC_L	9.40	≤23.47	PASS
			TPC_H	15.86	≤23.47	PASS
	Ant2	5260	TPC_L	10.04	≤23.47	PASS
			TPC_H	16.42	≤23.47	PASS
	Ant3	5260	TPC_L	9.10	≤23.47	PASS
TPC_H			15.98	≤23.47	PASS	
Ant4	5260	TPC_L	10.22	≤23.47	PASS	