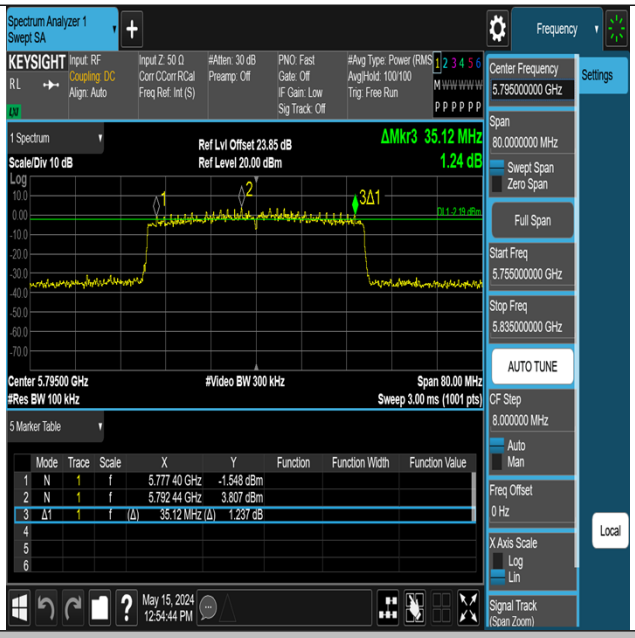
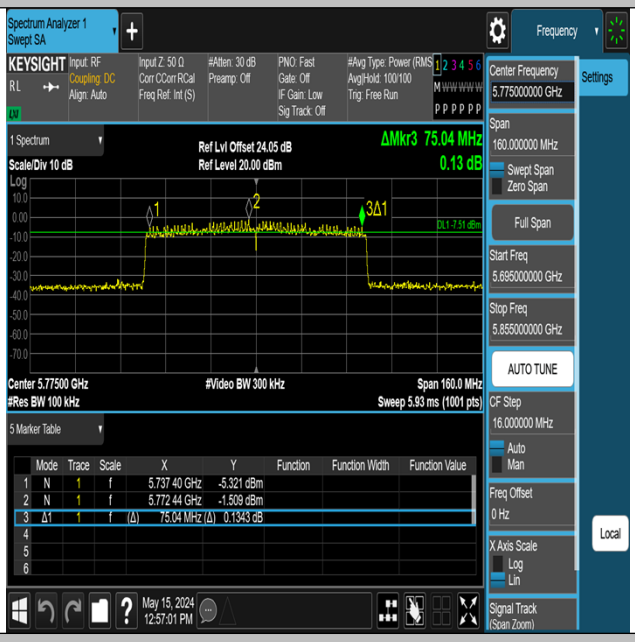
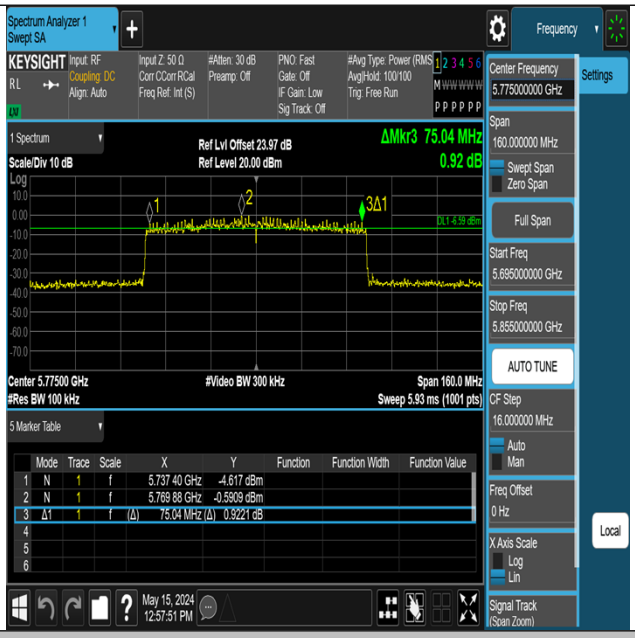


11AX40MIMO-Ant3-5795-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS

11AX80MIMO-Ant3-5775-PASS

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	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○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 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

3.4.3 Test Setup

3.4.4 Table of Parameters of Text Software Setting

UNII-1			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	17	17	17
IEEE 802.11n(HT20)	14	14	14
IEEE 802.11ac(VHT20)	14	14	14
IEEE 802.11ax(HE20)	14	14	14
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	13	13	
IEEE 802.11ac(VHT40)	13	13	
IEEE 802.11ax(HE40)	13	13	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	12		
IEEE 802.11ax(HE80)	12		
Frequency (MHz)	5250		
IEEE 802.11ac(VHT160)	12		
IEEE 802.11ax(HE160)	12		

UNII-2A						
Test Software Version	QATool_Dbg					
Frequency (MHz)	5260		5300		5320	
Value(TPC)	L	H	L	H	L	H
IEEE 802.11a	10	17	10	17	10	17
IEEE 802.11n(HT20)	7	14	7	14	7	14
IEEE 802.11ac(VHT20)	7	14	7	14	7	14
IEEE 802.11ax(HE20)	7	14	7	14	7	14
Frequency (MHz)	5270		5310			
IEEE 802.11n(HT40)	6	14	6	14		
IEEE 802.11ac(VHT40)	6	14	6	14		
IEEE 802.11ax(HE40)	6	14	6	14		
Frequency (MHz)	5290					
IEEE 802.11ac(VHT80)	5	12				
IEEE 802.11ax(HE80)	5	12				
Frequency (MHz)	5250					
IEEE 802.11ac(VHT160)	5	12				
IEEE 802.11ax(HE160)	5	12				

UNII-2C						
Test Software Version	QATool_Dbg					
Frequency (MHz)	5500		5580		5700	
Value(TPC)	L	H	L	H	L	H
IEEE 802.11a	10	17	10	17	10	17
IEEE 802.11n(HT20)	7	14	7	14	7	14
IEEE 802.11ac(VHT20)	7	14	7	14	7	14
IEEE 802.11ax(HE20)	7	14	7	14	7	14
Frequency (MHz)	5510		5550		5670	
IEEE 802.11n(HT40)	6	14	6	14	6	14
IEEE 802.11ac(VHT40)	6	14	6	14	6	14
IEEE 802.11ax(HE40)	6	14	6	14	6	14
Frequency (MHz)	5530		5610			
IEEE 802.11ac(VHT80)	5	12	5	12		
IEEE 802.11ax(HE80)	5	12	5	12		
Frequency (MHz)	5570					
IEEE 802.11ac(VHT160)	5	12				
IEEE 802.11ax(HE160)	5	12				

UNII-3			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	17	17	17
IEEE 802.11n(HT20)	14	14	14
IEEE 802.11ac(VHT20)	14	14	14
IEEE 802.11ax(HE20)	14	14	14
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	13	13	
IEEE 802.11ac(VHT40)	13	13	
IEEE 802.11ax(HE40)	13	13	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	12		
IEEE 802.11ax(HE80)	12		

3.4.5 The Result

Test Mode	Antenna	Frequency[MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	NA	18.11	≤30.00	PASS
11A	Ant2	5180	NA	16.24	≤30.00	PASS
11A	Ant3	5180	NA	19.65	≤30.00	PASS
11A	Ant1	5200	NA	17.61	≤30.00	PASS
11A	Ant2	5200	NA	15.88	≤30.00	PASS
11A	Ant3	5200	NA	19.16	≤30.00	PASS
11A	Ant1	5240	NA	18.36	≤30.00	PASS
11A	Ant2	5240	NA	15.34	≤30.00	PASS
11A	Ant3	5240	NA	19.23	≤30.00	PASS
11A	Ant1	5260	TPC_H	18.35	≤23.98	PASS
11A	Ant2	5260	TPC_H	16.47	≤23.98	PASS
11A	Ant3	5260	TPC_H	19.49	≤23.98	PASS
11A	Ant1	5260	TPC_L	12.23	≤23.98	PASS
11A	Ant2	5260	TPC_L	10.34	≤23.98	PASS
11A	Ant3	5260	TPC_L	13.47	≤23.98	PASS
11A	Ant1	5280	TPC_H	18.24	≤23.98	PASS
11A	Ant2	5280	TPC_H	16.10	≤23.98	PASS
11A	Ant3	5280	TPC_H	19.39	≤23.98	PASS
11A	Ant1	5280	TPC_L	12.07	≤23.98	PASS
11A	Ant2	5280	TPC_L	10.05	≤23.98	PASS
11A	Ant3	5280	TPC_L	13.20	≤23.98	PASS
11A	Ant1	5320	TPC_H	16.71	≤23.98	PASS
11A	Ant2	5320	TPC_H	16.41	≤23.98	PASS
11A	Ant3	5320	TPC_H	19.89	≤23.98	PASS
11A	Ant1	5320	TPC_L	10.65	≤23.98	PASS
11A	Ant2	5320	TPC_L	10.18	≤23.98	PASS
11A	Ant3	5320	TPC_L	13.74	≤23.98	PASS
11A	Ant1	5500	TPC_H	15.42	≤23.98	PASS
11A	Ant2	5500	TPC_H	16.23	≤23.98	PASS
11A	Ant3	5500	TPC_H	**20.20**	≤23.98	PASS
11A	Ant1	5500	TPC_L	9.36	≤23.98	PASS
11A	Ant2	5500	TPC_L	10.11	≤23.98	PASS
11A	Ant3	5500	TPC_L	14.15	≤23.98	PASS
11A	Ant1	5580	TPC_H	17.35	≤23.98	PASS
11A	Ant2	5580	TPC_H	17.03	≤23.98	PASS
11A	Ant3	5580	TPC_H	17.05	≤23.98	PASS
11A	Ant1	5580	TPC_L	11.23	≤23.98	PASS
11A	Ant2	5580	TPC_L	10.87	≤23.98	PASS
11A	Ant3	5580	TPC_L	9.89	≤23.98	PASS

11A	Ant1	5700	TPC_H	16.46	≤23.98	PASS
11A	Ant2	5700	TPC_H	17.54	≤23.98	PASS
11A	Ant3	5700	TPC_H	19.98	≤23.98	PASS
11A	Ant1	5700	TPC_L	10.33	≤23.98	PASS
11A	Ant2	5700	TPC_L	11.39	≤23.98	PASS
11A	Ant3	5700	TPC_L	13.92	≤23.98	PASS
11A	Ant1	5745	NA	16.40	≤30.00	PASS
11A	Ant2	5745	NA	18.32	≤30.00	PASS
11A	Ant3	5745	NA	20.44	≤30.00	PASS
11A	Ant1	5785	NA	16.69	≤30.00	PASS
11A	Ant2	5785	NA	16.80	≤30.00	PASS
11A	Ant3	5785	NA	19.85	≤30.00	PASS
11A	Ant1	5825	NA	16.49	≤30.00	PASS
11A	Ant2	5825	NA	16.21	≤30.00	PASS
11A	Ant3	5825	NA	19.78	≤30.00	PASS
11N20MIMO	Ant1	5180	NA	15.22	≤26.07	PASS
11N20MIMO	Ant2	5180	NA	15.27	≤26.07	PASS
11N20MIMO	Ant3	5180	NA	16.95	≤26.07	PASS
11N20MIMO	total	5180	NA	20.66	≤26.07	PASS
11N20MIMO	Ant1	5200	NA	15.41	≤26.07	PASS
11N20MIMO	Ant2	5200	NA	14.92	≤26.07	PASS
11N20MIMO	Ant3	5200	NA	16.58	≤26.07	PASS
11N20MIMO	total	5200	NA	20.46	≤26.07	PASS
11N20MIMO	Ant1	5240	NA	15.82	≤26.07	PASS
11N20MIMO	Ant2	5240	NA	14.56	≤26.07	PASS
11N20MIMO	Ant3	5240	NA	16.76	≤26.07	PASS
11N20MIMO	total	5240	NA	20.57	≤26.07	PASS
11N20MIMO	Ant1	5260	TPC_H	14.08	≤20.05	PASS
11N20MIMO	Ant2	5260	TPC_H	14.44	≤20.05	PASS
11N20MIMO	Ant3	5260	TPC_H	14.88	≤20.05	PASS
11N20MIMO	total	5260	TPC_H	19.25	≤20.05	PASS
11N20MIMO	Ant1	5260	TPC_L	7.87	≤20.05	PASS
11N20MIMO	Ant2	5260	TPC_L	8.41	≤20.05	PASS
11N20MIMO	Ant3	5260	TPC_L	8.88	≤20.05	PASS
11N20MIMO	total	5260	TPC_L	13.18	≤20.05	PASS
11N20MIMO	Ant1	5280	TPC_H	14.86	≤20.05	PASS
11N20MIMO	Ant2	5280	TPC_H	14.41	≤20.05	PASS
11N20MIMO	Ant3	5280	TPC_H	15.02	≤20.05	PASS
11N20MIMO	total	5280	TPC_H	19.54	≤20.05	PASS
11N20MIMO	Ant1	5280	TPC_L	8.76	≤20.05	PASS
11N20MIMO	Ant2	5280	TPC_L	8.20	≤20.05	PASS
11N20MIMO	Ant3	5280	TPC_L	8.91	≤20.05	PASS

11N20MIMO	total	5280	TPC_L	13.40	≤20.05	PASS
11N20MIMO	Ant1	5320	TPC_H	15.08	≤20.05	PASS
11N20MIMO	Ant2	5320	TPC_H	14.86	≤20.05	PASS
11N20MIMO	Ant3	5320	TPC_H	15.63	≤20.05	PASS
11N20MIMO	total	5320	TPC_H	**19.97**	≤20.05	PASS
11N20MIMO	Ant1	5320	TPC_L	8.90	≤20.05	PASS
11N20MIMO	Ant2	5320	TPC_L	8.61	≤20.05	PASS
11N20MIMO	Ant3	5320	TPC_L	9.48	≤20.05	PASS
11N20MIMO	total	5320	TPC_L	13.78	≤20.05	PASS
11N20MIMO	Ant1	5500	TPC_H	14.96	≤20.05	PASS
11N20MIMO	Ant2	5500	TPC_H	14.83	≤20.05	PASS
11N20MIMO	Ant3	5500	TPC_H	15.63	≤20.05	PASS
11N20MIMO	total	5500	TPC_H	19.92	≤20.05	PASS
11N20MIMO	Ant1	5500	TPC_L	8.73	≤20.05	PASS
11N20MIMO	Ant2	5500	TPC_L	8.71	≤20.05	PASS
11N20MIMO	Ant3	5500	TPC_L	9.45	≤20.05	PASS
11N20MIMO	total	5500	TPC_L	13.75	≤20.05	PASS
11N20MIMO	Ant1	5580	TPC_H	14.63	≤20.05	PASS
11N20MIMO	Ant2	5580	TPC_H	14.82	≤20.05	PASS
11N20MIMO	Ant3	5580	TPC_H	16.04	≤20.05	PASS
11N20MIMO	total	5580	TPC_H	19.98	≤20.05	PASS
11N20MIMO	Ant1	5580	TPC_L	8.46	≤20.05	PASS
11N20MIMO	Ant2	5580	TPC_L	8.67	≤20.05	PASS
11N20MIMO	Ant3	5580	TPC_L	9.98	≤20.05	PASS
11N20MIMO	total	5580	TPC_L	13.86	≤20.05	PASS
11N20MIMO	Ant1	5700	TPC_H	13.34	≤20.05	PASS
11N20MIMO	Ant2	5700	TPC_H	14.35	≤20.05	PASS
11N20MIMO	Ant3	5700	TPC_H	14.95	≤20.05	PASS
11N20MIMO	total	5700	TPC_H	19.03	≤20.05	PASS
11N20MIMO	Ant1	5700	TPC_L	7.28	≤20.05	PASS
11N20MIMO	Ant2	5700	TPC_L	8.12	≤20.05	PASS
11N20MIMO	Ant3	5700	TPC_L	8.72	≤20.05	PASS
11N20MIMO	total	5700	TPC_L	12.85	≤20.05	PASS
11N20MIMO	Ant1	5745	NA	14.41	≤26.07	PASS
11N20MIMO	Ant2	5745	NA	15.83	≤26.07	PASS
11N20MIMO	Ant3	5745	NA	17.09	≤26.07	PASS
11N20MIMO	total	5745	NA	20.68	≤26.07	PASS
11N20MIMO	Ant1	5785	NA	14.26	≤26.07	PASS
11N20MIMO	Ant2	5785	NA	15.00	≤26.07	PASS
11N20MIMO	Ant3	5785	NA	16.69	≤26.07	PASS
11N20MIMO	total	5785	NA	20.21	≤26.07	PASS
11N20MIMO	Ant1	5825	NA	14.59	≤26.07	PASS

11N20MIMO	Ant2	5825	NA	16.17	≤26.07	PASS
11N20MIMO	Ant3	5825	NA	16.96	≤26.07	PASS
11N20MIMO	total	5825	NA	20.79	≤26.07	PASS
11N40MIMO	Ant1	5190	NA	15.62	≤26.07	PASS
11N40MIMO	Ant2	5190	NA	15.46	≤26.07	PASS
11N40MIMO	Ant3	5190	NA	17.15	≤26.07	PASS
11N40MIMO	total	5190	NA	20.92	≤26.07	PASS
11N40MIMO	Ant1	5230	NA	16.00	≤26.07	PASS
11N40MIMO	Ant2	5230	NA	15.47	≤26.07	PASS
11N40MIMO	Ant3	5230	NA	17.34	≤26.07	PASS
11N40MIMO	total	5230	NA	**21.12**	≤26.07	PASS
11N40MIMO	Ant1	5270	TPC_H	14.84	≤20.05	PASS
11N40MIMO	Ant2	5270	TPC_H	14.34	≤20.05	PASS
11N40MIMO	Ant3	5270	TPC_H	15.47	≤20.05	PASS
11N40MIMO	total	5270	TPC_H	19.68	≤20.05	PASS
11N40MIMO	Ant1	5270	TPC_L	8.63	≤20.05	PASS
11N40MIMO	Ant2	5270	TPC_L	8.09	≤20.05	PASS
11N40MIMO	Ant3	5270	TPC_L	9.24	≤20.05	PASS
11N40MIMO	total	5270	TPC_L	13.45	≤20.05	PASS
11N40MIMO	Ant1	5310	TPC_H	14.67	≤20.05	PASS
11N40MIMO	Ant2	5310	TPC_H	14.18	≤20.05	PASS
11N40MIMO	Ant3	5310	TPC_H	15.07	≤20.05	PASS
11N40MIMO	total	5310	TPC_H	19.42	≤20.05	PASS
11N40MIMO	Ant1	5310	TPC_L	8.62	≤20.05	PASS
11N40MIMO	Ant2	5310	TPC_L	7.94	≤20.05	PASS
11N40MIMO	Ant3	5310	TPC_L	8.96	≤20.05	PASS
11N40MIMO	total	5310	TPC_L	13.30	≤20.05	PASS
11N40MIMO	Ant1	5510	TPC_H	15.08	≤20.05	PASS
11N40MIMO	Ant2	5510	TPC_H	14.81	≤20.05	PASS
11N40MIMO	Ant3	5510	TPC_H	15.03	≤20.05	PASS
11N40MIMO	total	5510	TPC_H	19.74	≤20.05	PASS
11N40MIMO	Ant1	5510	TPC_L	8.83	≤20.05	PASS
11N40MIMO	Ant2	5510	TPC_L	8.79	≤20.05	PASS
11N40MIMO	Ant3	5510	TPC_L	9.03	≤20.05	PASS
11N40MIMO	total	5510	TPC_L	13.65	≤20.05	PASS
11N40MIMO	Ant1	5550	TPC_H	15.13	≤20.05	PASS
11N40MIMO	Ant2	5550	TPC_H	15.00	≤20.05	PASS
11N40MIMO	Ant3	5550	TPC_H	15.19	≤20.05	PASS
11N40MIMO	total	5550	TPC_H	19.88	≤20.05	PASS
11N40MIMO	Ant1	5550	TPC_L	9.04	≤20.05	PASS
11N40MIMO	Ant2	5550	TPC_L	8.81	≤20.05	PASS
11N40MIMO	Ant3	5550	TPC_L	8.99	≤20.05	PASS

11N40MIMO	total	5550	TPC_L	13.72	≤20.05	PASS
11N40MIMO	Ant1	5670	TPC_H	14.88	≤20.05	PASS
11N40MIMO	Ant2	5670	TPC_H	14.92	≤20.05	PASS
11N40MIMO	Ant3	5670	TPC_H	15.75	≤20.05	PASS
11N40MIMO	total	5670	TPC_H	19.97	≤20.05	PASS
11N40MIMO	Ant1	5670	TPC_L	8.87	≤20.05	PASS
11N40MIMO	Ant2	5670	TPC_L	8.67	≤20.05	PASS
11N40MIMO	Ant3	5670	TPC_L	9.57	≤20.05	PASS
11N40MIMO	total	5670	TPC_L	13.83	≤20.05	PASS
11N40MIMO	Ant1	5755	NA	14.72	≤26.07	PASS
11N40MIMO	Ant2	5755	NA	16.22	≤26.07	PASS
11N40MIMO	Ant3	5755	NA	17.25	≤26.07	PASS
11N40MIMO	total	5755	NA	20.95	≤26.07	PASS
11N40MIMO	Ant1	5795	NA	16.77	≤26.07	PASS
11N40MIMO	Ant2	5795	NA	16.80	≤26.07	PASS
11N40MIMO	Ant3	5795	NA	17.52	≤26.07	PASS
11N40MIMO	total	5795	NA	**21.81**	≤26.07	PASS
11AC20MIMO	Ant1	5180	NA	15.15	≤26.07	PASS
11AC20MIMO	Ant2	5180	NA	15.22	≤26.07	PASS
11AC20MIMO	Ant3	5180	NA	16.80	≤26.07	PASS
11AC20MIMO	total	5180	NA	20.56	≤26.07	PASS
11AC20MIMO	Ant1	5200	NA	15.09	≤26.07	PASS
11AC20MIMO	Ant2	5200	NA	14.92	≤26.07	PASS
11AC20MIMO	Ant3	5200	NA	16.38	≤26.07	PASS
11AC20MIMO	total	5200	NA	20.28	≤26.07	PASS
11AC20MIMO	Ant1	5240	NA	15.45	≤26.07	PASS
11AC20MIMO	Ant2	5240	NA	14.43	≤26.07	PASS
11AC20MIMO	Ant3	5240	NA	16.57	≤26.07	PASS
11AC20MIMO	total	5240	NA	20.34	≤26.07	PASS
11AC20MIMO	Ant1	5260	TPC_H	15.17	≤20.05	PASS
11AC20MIMO	Ant2	5260	TPC_H	14.64	≤20.05	PASS
11AC20MIMO	Ant3	5260	TPC_H	15.68	≤20.05	PASS
11AC20MIMO	total	5260	TPC_H	19.95	≤20.05	PASS
11AC20MIMO	Ant1	5260	TPC_L	9.11	≤20.05	PASS
11AC20MIMO	Ant2	5260	TPC_L	8.45	≤20.05	PASS
11AC20MIMO	Ant3	5260	TPC_L	9.45	≤20.05	PASS
11AC20MIMO	total	5260	TPC_L	13.80	≤20.05	PASS
11AC20MIMO	Ant1	5280	TPC_H	15.12	≤20.05	PASS
11AC20MIMO	Ant2	5280	TPC_H	14.64	≤20.05	PASS
11AC20MIMO	Ant3	5280	TPC_H	15.14	≤20.05	PASS
11AC20MIMO	total	5280	TPC_H	19.74	≤20.05	PASS
11AC20MIMO	Ant1	5280	TPC_L	9.04	≤20.05	PASS

11AC20MIMO	Ant2	5280	TPC_L	8.58	≤20.05	PASS
11AC20MIMO	Ant3	5280	TPC_L	8.91	≤20.05	PASS
11AC20MIMO	total	5280	TPC_L	13.62	≤20.05	PASS
11AC20MIMO	Ant1	5320	TPC_H	14.97	≤20.05	PASS
11AC20MIMO	Ant2	5320	TPC_H	14.85	≤20.05	PASS
11AC20MIMO	Ant3	5320	TPC_H	15.01	≤20.05	PASS
11AC20MIMO	total	5320	TPC_H	19.72	≤20.05	PASS
11AC20MIMO	Ant1	5320	TPC_L	8.80	≤20.05	PASS
11AC20MIMO	Ant2	5320	TPC_L	8.71	≤20.05	PASS
11AC20MIMO	Ant3	5320	TPC_L	8.94	≤20.05	PASS
11AC20MIMO	total	5320	TPC_L	13.59	≤20.05	PASS
11AC20MIMO	Ant1	5500	TPC_H	14.73	≤20.05	PASS
11AC20MIMO	Ant2	5500	TPC_H	15.03	≤20.05	PASS
11AC20MIMO	Ant3	5500	TPC_H	14.92	≤20.05	PASS
11AC20MIMO	total	5500	TPC_H	19.67	≤20.05	PASS
11AC20MIMO	Ant1	5500	TPC_L	8.71	≤20.05	PASS
11AC20MIMO	Ant2	5500	TPC_L	8.84	≤20.05	PASS
11AC20MIMO	Ant3	5500	TPC_L	8.68	≤20.05	PASS
11AC20MIMO	total	5500	TPC_L	13.51	≤20.05	PASS
11AC20MIMO	Ant1	5580	TPC_H	14.95	≤20.05	PASS
11AC20MIMO	Ant2	5580	TPC_H	14.66	≤20.05	PASS
11AC20MIMO	Ant3	5580	TPC_H	13.80	≤20.05	PASS
11AC20MIMO	total	5580	TPC_H	19.27	≤20.05	PASS
11AC20MIMO	Ant1	5580	TPC_L	8.91	≤20.05	PASS
11AC20MIMO	Ant2	5580	TPC_L	8.63	≤20.05	PASS
11AC20MIMO	Ant3	5580	TPC_L	7.72	≤20.05	PASS
11AC20MIMO	total	5580	TPC_L	13.22	≤20.05	PASS
11AC20MIMO	Ant1	5700	TPC_H	13.86	≤20.05	PASS
11AC20MIMO	Ant2	5700	TPC_H	14.47	≤20.05	PASS
11AC20MIMO	Ant3	5700	TPC_H	15.12	≤20.05	PASS
11AC20MIMO	total	5700	TPC_H	19.28	≤20.05	PASS
11AC20MIMO	Ant1	5700	TPC_L	7.85	≤20.05	PASS
11AC20MIMO	Ant2	5700	TPC_L	8.39	≤20.05	PASS
11AC20MIMO	Ant3	5700	TPC_L	9.00	≤20.05	PASS
11AC20MIMO	total	5700	TPC_L	13.21	≤20.05	PASS
11AC20MIMO	Ant1	5745	NA	14.75	≤26.07	PASS
11AC20MIMO	Ant2	5745	NA	15.45	≤26.07	PASS
11AC20MIMO	Ant3	5745	NA	17.30	≤26.07	PASS
11AC20MIMO	total	5745	NA	20.74	≤26.07	PASS
11AC20MIMO	Ant1	5785	NA	14.89	≤26.07	PASS
11AC20MIMO	Ant2	5785	NA	15.93	≤26.07	PASS
11AC20MIMO	Ant3	5785	NA	17.01	≤26.07	PASS

11AC20MIMO	total	5785	NA	20.80	≤26.07	PASS
11AC20MIMO	Ant1	5825	NA	14.46	≤26.07	PASS
11AC20MIMO	Ant2	5825	NA	15.72	≤26.07	PASS
11AC20MIMO	Ant3	5825	NA	17.08	≤26.07	PASS
11AC20MIMO	total	5825	NA	20.66	≤26.07	PASS
11AC40MIMO	Ant1	5190	NA	15.24	≤26.07	PASS
11AC40MIMO	Ant2	5190	NA	15.27	≤26.07	PASS
11AC40MIMO	Ant3	5190	NA	16.88	≤26.07	PASS
11AC40MIMO	total	5190	NA	20.63	≤26.07	PASS
11AC40MIMO	Ant1	5230	NA	15.96	≤26.07	PASS
11AC40MIMO	Ant2	5230	NA	15.10	≤26.07	PASS
11AC40MIMO	Ant3	5230	NA	16.74	≤26.07	PASS
11AC40MIMO	total	5230	NA	20.76	≤26.07	PASS
11AC40MIMO	Ant1	5270	TPC_H	14.26	≤20.05	PASS
11AC40MIMO	Ant2	5270	TPC_H	13.68	≤20.05	PASS
11AC40MIMO	Ant3	5270	TPC_H	15.83	≤20.05	PASS
11AC40MIMO	total	5270	TPC_H	19.46	≤20.05	PASS
11AC40MIMO	Ant1	5270	TPC_L	8.13	≤20.05	PASS
11AC40MIMO	Ant2	5270	TPC_L	7.49	≤20.05	PASS
11AC40MIMO	Ant3	5270	TPC_L	9.73	≤20.05	PASS
11AC40MIMO	total	5270	TPC_L	13.32	≤20.05	PASS
11AC40MIMO	Ant1	5310	TPC_H	15.09	≤20.05	PASS
11AC40MIMO	Ant2	5310	TPC_H	14.09	≤20.05	PASS
11AC40MIMO	Ant3	5310	TPC_H	15.41	≤20.05	PASS
11AC40MIMO	total	5310	TPC_H	19.67	≤20.05	PASS
11AC40MIMO	Ant1	5310	TPC_L	8.93	≤20.05	PASS
11AC40MIMO	Ant2	5310	TPC_L	7.98	≤20.05	PASS
11AC40MIMO	Ant3	5310	TPC_L	9.20	≤20.05	PASS
11AC40MIMO	total	5310	TPC_L	13.51	≤20.05	PASS
11AC40MIMO	Ant1	5510	TPC_H	14.45	≤20.05	PASS
11AC40MIMO	Ant2	5510	TPC_H	14.43	≤20.05	PASS
11AC40MIMO	Ant3	5510	TPC_H	15.08	≤20.05	PASS
11AC40MIMO	total	5510	TPC_H	19.44	≤20.05	PASS
11AC40MIMO	Ant1	5510	TPC_L	8.22	≤20.05	PASS
11AC40MIMO	Ant2	5510	TPC_L	8.40	≤20.05	PASS
11AC40MIMO	Ant3	5510	TPC_L	9.07	≤20.05	PASS
11AC40MIMO	total	5510	TPC_L	13.35	≤20.05	PASS
11AC40MIMO	Ant1	5550	TPC_H	15.05	≤20.05	PASS
11AC40MIMO	Ant2	5550	TPC_H	14.48	≤20.05	PASS
11AC40MIMO	Ant3	5550	TPC_H	15.25	≤20.05	PASS
11AC40MIMO	total	5550	TPC_H	19.71	≤20.05	PASS
11AC40MIMO	Ant1	5550	TPC_L	8.93	≤20.05	PASS

11AC40MIMO	Ant2	5550	TPC_L	8.42	≤20.05	PASS
11AC40MIMO	Ant3	5550	TPC_L	9.11	≤20.05	PASS
11AC40MIMO	total	5550	TPC_L	13.60	≤20.05	PASS
11AC40MIMO	Ant1	5670	TPC_H	14.50	≤20.05	PASS
11AC40MIMO	Ant2	5670	TPC_H	13.87	≤20.05	PASS
11AC40MIMO	Ant3	5670	TPC_H	14.99	≤20.05	PASS
11AC40MIMO	total	5670	TPC_H	19.25	≤20.05	PASS
11AC40MIMO	Ant1	5670	TPC_L	8.46	≤20.05	PASS
11AC40MIMO	Ant2	5670	TPC_L	7.66	≤20.05	PASS
11AC40MIMO	Ant3	5670	TPC_L	8.95	≤20.05	PASS
11AC40MIMO	total	5670	TPC_L	13.16	≤20.05	PASS
11AC40MIMO	Ant1	5755	NA	15.00	≤26.07	PASS
11AC40MIMO	Ant2	5755	NA	16.10	≤26.07	PASS
11AC40MIMO	Ant3	5755	NA	17.50	≤26.07	PASS
11AC40MIMO	total	5755	NA	21.09	≤26.07	PASS
11AC40MIMO	Ant1	5795	NA	14.98	≤26.07	PASS
11AC40MIMO	Ant2	5795	NA	16.14	≤26.07	PASS
11AC40MIMO	Ant3	5795	NA	17.24	≤26.07	PASS
11AC40MIMO	total	5795	NA	20.99	≤26.07	PASS
11AC80MIMO	Ant1	5210	NA	15.20	≤26.07	PASS
11AC80MIMO	Ant2	5210	NA	14.69	≤26.07	PASS
11AC80MIMO	Ant3	5210	NA	16.27	≤26.07	PASS
11AC80MIMO	total	5210	NA	20.21	≤26.07	PASS
11AC80MIMO	Ant1	5290	TPC_H	13.78	≤20.05	PASS
11AC80MIMO	Ant2	5290	TPC_H	12.38	≤20.05	PASS
11AC80MIMO	Ant3	5290	TPC_H	14.12	≤20.05	PASS
11AC80MIMO	total	5290	TPC_H	18.26	≤20.05	PASS
11AC80MIMO	Ant1	5290	TPC_L	7.63	≤20.05	PASS
11AC80MIMO	Ant2	5290	TPC_L	6.28	≤20.05	PASS
11AC80MIMO	Ant3	5290	TPC_L	7.92	≤20.05	PASS
11AC80MIMO	total	5290	TPC_L	12.11	≤20.05	PASS
11AC80MIMO	Ant1	5530	TPC_H	13.03	≤20.05	PASS
11AC80MIMO	Ant2	5530	TPC_H	13.39	≤20.05	PASS
11AC80MIMO	Ant3	5530	TPC_H	14.06	≤20.05	PASS
11AC80MIMO	total	5530	TPC_H	18.29	≤20.05	PASS
11AC80MIMO	Ant1	5530	TPC_L	6.96	≤20.05	PASS
11AC80MIMO	Ant2	5530	TPC_L	7.34	≤20.05	PASS
11AC80MIMO	Ant3	5530	TPC_L	8.03	≤20.05	PASS
11AC80MIMO	total	5530	TPC_L	12.24	≤20.05	PASS
11AC80MIMO	Ant1	5610	TPC_H	13.46	≤20.05	PASS
11AC80MIMO	Ant2	5610	TPC_H	13.74	≤20.05	PASS
11AC80MIMO	Ant3	5610	TPC_H	14.28	≤20.05	PASS

11AC80MIMO	total	5610	TPC_H	18.61	≤20.05	PASS
11AC80MIMO	Ant1	5610	TPC_L	7.44	≤20.05	PASS
11AC80MIMO	Ant2	5610	TPC_L	7.50	≤20.05	PASS
11AC80MIMO	Ant3	5610	TPC_L	8.10	≤20.05	PASS
11AC80MIMO	total	5610	TPC_L	12.46	≤20.05	PASS
11AC80MIMO	Ant1	5775	NA	15.05	≤26.07	PASS
11AC80MIMO	Ant2	5775	NA	15.61	≤26.07	PASS
11AC80MIMO	Ant3	5775	NA	17.09	≤26.07	PASS
11AC80MIMO	total	5775	NA	20.77	≤26.07	PASS
11AC160MIMO	Ant1	5250_UNII-1	TPC_H	5.83	≤20.05	PASS
11AC160MIMO	Ant2	5250_UNII-1	TPC_H	4.22	≤20.05	PASS
11AC160MIMO	Ant3	5250_UNII-1	TPC_H	6.85	≤20.05	PASS
11AC160MIMO	total	5250_UNII-1	TPC_H	10.54	≤20.05	PASS
11AC160MIMO	Ant1	5250_UNII-1	TPC_L	-0.37	≤20.05	PASS
11AC160MIMO	Ant2	5250_UNII-1	TPC_L	-1.86	≤20.05	PASS
11AC160MIMO	Ant3	5250_UNII-1	TPC_L	0.65	≤20.05	PASS
11AC160MIMO	total	5250_UNII-1	TPC_L	4.36	≤20.05	PASS
11AC160MIMO	Ant1	5250_UNII-2A	TPC_H	5.78	≤20.05	PASS
11AC160MIMO	Ant2	5250_UNII-2A	TPC_H	3.54	≤20.05	PASS
11AC160MIMO	Ant3	5250_UNII-2A	TPC_H	5.73	≤20.05	PASS
11AC160MIMO	total	5250_UNII-2A	TPC_H	9.90	≤20.05	PASS
11AC160MIMO	Ant1	5250_UNII-2A	TPC_L	-0.44	≤20.05	PASS
11AC160MIMO	Ant2	5250_UNII-2A	TPC_L	-2.58	≤20.05	PASS
11AC160MIMO	Ant3	5250_UNII-2A	TPC_L	-0.38	≤20.05	PASS
11AC160MIMO	total	5250_UNII-2A	TPC_L	3.75	≤20.05	PASS
11AC160MIMO	Ant1	5570	TPC_H	6.63	≤20.05	PASS
11AC160MIMO	Ant2	5570	TPC_H	5.62	≤20.05	PASS
11AC160MIMO	Ant3	5570	TPC_H	7.06	≤20.05	PASS
11AC160MIMO	total	5570	TPC_H	11.25	≤20.05	PASS
11AC160MIMO	Ant1	5570	TPC_L	0.59	≤20.05	PASS
11AC160MIMO	Ant2	5570	TPC_L	-0.47	≤20.05	PASS
11AC160MIMO	Ant3	5570	TPC_L	0.93	≤20.05	PASS
11AC160MIMO	total	5570	TPC_L	5.16	≤20.05	PASS
11AX20MIMO	Ant1	5180	NA	15.72	≤26.07	PASS
11AX20MIMO	Ant2	5180	NA	15.51	≤26.07	PASS
11AX20MIMO	Ant3	5180	NA	17.50	≤26.07	PASS
11AX20MIMO	total	5180	NA	21.11	≤26.07	PASS
11AX20MIMO	Ant1	5200	NA	15.43	≤26.07	PASS
11AX20MIMO	Ant2	5200	NA	14.89	≤26.07	PASS
11AX20MIMO	Ant3	5200	NA	16.59	≤26.07	PASS
11AX20MIMO	total	5200	NA	20.47	≤26.07	PASS
11AX20MIMO	Ant1	5240	NA	15.66	≤26.07	PASS

11AX20MIMO	Ant2	5240	NA	14.51	≤26.07	PASS
11AX20MIMO	Ant3	5240	NA	16.91	≤26.07	PASS
11AX20MIMO	total	5240	NA	20.58	≤26.07	PASS
11AX20MIMO	Ant1	5260	TPC_H	14.51	≤20.05	PASS
11AX20MIMO	Ant2	5260	TPC_H	13.56	≤20.05	PASS
11AX20MIMO	Ant3	5260	TPC_H	14.93	≤20.05	PASS
11AX20MIMO	total	5260	TPC_H	19.14	≤20.05	PASS
11AX20MIMO	Ant1	5260	TPC_L	8.35	≤20.05	PASS
11AX20MIMO	Ant2	5260	TPC_L	7.45	≤20.05	PASS
11AX20MIMO	Ant3	5260	TPC_L	8.92	≤20.05	PASS
11AX20MIMO	total	5260	TPC_L	13.05	≤20.05	PASS
11AX20MIMO	Ant1	5280	TPC_H	13.98	≤20.05	PASS
11AX20MIMO	Ant2	5280	TPC_H	12.77	≤20.05	PASS
11AX20MIMO	Ant3	5280	TPC_H	14.86	≤20.05	PASS
11AX20MIMO	total	5280	TPC_H	18.72	≤20.05	PASS
11AX20MIMO	Ant1	5280	TPC_L	7.85	≤20.05	PASS
11AX20MIMO	Ant2	5280	TPC_L	6.75	≤20.05	PASS
11AX20MIMO	Ant3	5280	TPC_L	8.63	≤20.05	PASS
11AX20MIMO	total	5280	TPC_L	12.58	≤20.05	PASS
11AX20MIMO	Ant1	5320	TPC_H	14.05	≤20.05	PASS
11AX20MIMO	Ant2	5320	TPC_H	13.06	≤20.05	PASS
11AX20MIMO	Ant3	5320	TPC_H	15.49	≤20.05	PASS
11AX20MIMO	total	5320	TPC_H	19.09	≤20.05	PASS
11AX20MIMO	Ant1	5320	TPC_L	7.90	≤20.05	PASS
11AX20MIMO	Ant2	5320	TPC_L	6.90	≤20.05	PASS
11AX20MIMO	Ant3	5320	TPC_L	9.45	≤20.05	PASS
11AX20MIMO	total	5320	TPC_L	12.98	≤20.05	PASS
11AX20MIMO	Ant1	5500	TPC_H	13.97	≤20.05	PASS
11AX20MIMO	Ant2	5500	TPC_H	13.45	≤20.05	PASS
11AX20MIMO	Ant3	5500	TPC_H	14.39	≤20.05	PASS
11AX20MIMO	total	5500	TPC_H	18.72	≤20.05	PASS
11AX20MIMO	Ant1	5500	TPC_L	7.79	≤20.05	PASS
11AX20MIMO	Ant2	5500	TPC_L	7.44	≤20.05	PASS
11AX20MIMO	Ant3	5500	TPC_L	8.31	≤20.05	PASS
11AX20MIMO	total	5500	TPC_L	12.63	≤20.05	PASS
11AX20MIMO	Ant1	5580	TPC_H	15.05	≤20.05	PASS
11AX20MIMO	Ant2	5580	TPC_H	14.51	≤20.05	PASS
11AX20MIMO	Ant3	5580	TPC_H	15.87	≤20.05	PASS
11AX20MIMO	total	5580	TPC_H	19.95	≤20.05	PASS
11AX20MIMO	Ant1	5580	TPC_L	8.82	≤20.05	PASS
11AX20MIMO	Ant2	5580	TPC_L	8.46	≤20.05	PASS
11AX20MIMO	Ant3	5580	TPC_L	9.76	≤20.05	PASS

11AX20MIMO	total	5580	TPC_L	13.82	≤20.05	PASS
11AX20MIMO	Ant1	5700	TPC_H	13.02	≤20.05	PASS
11AX20MIMO	Ant2	5700	TPC_H	13.71	≤20.05	PASS
11AX20MIMO	Ant3	5700	TPC_H	15.00	≤20.05	PASS
11AX20MIMO	total	5700	TPC_H	18.76	≤20.05	PASS
11AX20MIMO	Ant1	5700	TPC_L	6.80	≤20.05	PASS
11AX20MIMO	Ant2	5700	TPC_L	7.66	≤20.05	PASS
11AX20MIMO	Ant3	5700	TPC_L	8.95	≤20.05	PASS
11AX20MIMO	total	5700	TPC_L	12.66	≤20.05	PASS
11AX20MIMO	Ant1	5745	NA	14.76	≤26.07	PASS
11AX20MIMO	Ant2	5745	NA	15.86	≤26.07	PASS
11AX20MIMO	Ant3	5745	NA	17.31	≤26.07	PASS
11AX20MIMO	total	5745	NA	20.87	≤26.07	PASS
11AX20MIMO	Ant1	5785	NA	15.11	≤26.07	PASS
11AX20MIMO	Ant2	5785	NA	15.96	≤26.07	PASS
11AX20MIMO	Ant3	5785	NA	17.04	≤26.07	PASS
11AX20MIMO	total	5785	NA	20.88	≤26.07	PASS
11AX20MIMO	Ant1	5825	NA	14.54	≤26.07	PASS
11AX20MIMO	Ant2	5825	NA	15.68	≤26.07	PASS
11AX20MIMO	Ant3	5825	NA	16.93	≤26.07	PASS
11AX20MIMO	total	5825	NA	20.60	≤26.07	PASS
11AX40MIMO	Ant1	5190	NA	15.57	≤26.07	PASS
11AX40MIMO	Ant2	5190	NA	15.33	≤26.07	PASS
11AX40MIMO	Ant3	5190	NA	17.20	≤26.07	PASS
11AX40MIMO	total	5190	NA	20.89	≤26.07	PASS
11AX40MIMO	Ant1	5230	NA	15.93	≤26.07	PASS
11AX40MIMO	Ant2	5230	NA	15.15	≤26.07	PASS
11AX40MIMO	Ant3	5230	NA	17.01	≤26.07	PASS
11AX40MIMO	total	5230	NA	20.87	≤26.07	PASS
11AX40MIMO	Ant1	5270	TPC_H	13.68	≤20.05	PASS
11AX40MIMO	Ant2	5270	TPC_H	12.85	≤20.05	PASS
11AX40MIMO	Ant3	5270	TPC_H	14.89	≤20.05	PASS
11AX40MIMO	total	5270	TPC_H	18.66	≤20.05	PASS
11AX40MIMO	Ant1	5270	TPC_L	7.57	≤20.05	PASS
11AX40MIMO	Ant2	5270	TPC_L	6.81	≤20.05	PASS
11AX40MIMO	Ant3	5270	TPC_L	8.81	≤20.05	PASS
11AX40MIMO	total	5270	TPC_L	12.58	≤20.05	PASS
11AX40MIMO	Ant1	5310	TPC_H	14.02	≤20.05	PASS
11AX40MIMO	Ant2	5310	TPC_H	15.41	≤20.05	PASS
11AX40MIMO	Ant3	5310	TPC_H	15.45	≤20.05	PASS
11AX40MIMO	total	5310	TPC_H	19.78	≤20.05	PASS
11AX40MIMO	Ant1	5310	TPC_L	7.99	≤20.05	PASS

11AX40MIMO	Ant2	5310	TPC_L	9.41	≤20.05	PASS
11AX40MIMO	Ant3	5310	TPC_L	9.41	≤20.05	PASS
11AX40MIMO	Ant3	5310	TPC_L	13.76	≤20.05	PASS
11AX40MIMO	Ant1	5510	TPC_H	14.17	≤20.05	PASS
11AX40MIMO	Ant2	5510	TPC_H	13.63	≤20.05	PASS
11AX40MIMO	Ant3	5510	TPC_H	15.14	≤20.05	PASS
11AX40MIMO	total	5510	TPC_H	19.13	≤20.05	PASS
11AX40MIMO	Ant1	5510	TPC_L	7.93	≤20.05	PASS
11AX40MIMO	Ant2	5510	TPC_L	7.47	≤20.05	PASS
11AX40MIMO	Ant3	5510	TPC_L	9.01	≤20.05	PASS
11AX40MIMO	total	5510	TPC_L	12.95	≤20.05	PASS
11AX40MIMO	Ant1	5550	TPC_H	14.33	≤20.05	PASS
11AX40MIMO	Ant2	5550	TPC_H	13.86	≤20.05	PASS
11AX40MIMO	Ant3	5550	TPC_H	15.72	≤20.05	PASS
11AX40MIMO	total	5550	TPC_H	19.48	≤20.05	PASS
11AX40MIMO	Ant1	5550	TPC_L	8.28	≤20.05	PASS
11AX40MIMO	Ant2	5550	TPC_L	7.76	≤20.05	PASS
11AX40MIMO	Ant3	5550	TPC_L	9.48	≤20.05	PASS
11AX40MIMO	total	5550	TPC_L	13.34	≤20.05	PASS
11AX40MIMO	Ant1	5670	TPC_H	13.34	≤20.05	PASS
11AX40MIMO	Ant2	5670	TPC_H	13.72	≤20.05	PASS
11AX40MIMO	Ant3	5670	TPC_H	14.69	≤20.05	PASS
11AX40MIMO	total	5670	TPC_H	18.73	≤20.05	PASS
11AX40MIMO	Ant1	5670	TPC_L	7.29	≤20.05	PASS
11AX40MIMO	Ant2	5670	TPC_L	7.57	≤20.05	PASS
11AX40MIMO	Ant3	5670	TPC_L	8.62	≤20.05	PASS
11AX40MIMO	total	5670	TPC_L	12.64	≤20.05	PASS
11AX40MIMO	Ant1	5755	NA	14.83	≤26.07	PASS
11AX40MIMO	Ant2	5755	NA	16.09	≤26.07	PASS
11AX40MIMO	Ant3	5755	NA	17.51	≤26.07	PASS
11AX40MIMO	total	5755	NA	21.05	≤26.07	PASS
11AX40MIMO	Ant1	5795	NA	15.15	≤26.07	PASS
11AX40MIMO	Ant2	5795	NA	16.15	≤26.07	PASS
11AX40MIMO	Ant3	5795	NA	17.24	≤26.07	PASS
11AX40MIMO	total	5795	NA	21.03	≤26.07	PASS
11AX80MIMO	Ant1	5210	NA	15.69	≤26.07	PASS
11AX80MIMO	Ant2	5210	NA	14.91	≤26.07	PASS
11AX80MIMO	Ant3	5210	NA	16.48	≤26.07	PASS
11AX80MIMO	total	5210	NA	20.51	≤26.07	PASS
11AX80MIMO	Ant1	5290	TPC_H	13.57	≤20.05	PASS
11AX80MIMO	Ant2	5290	TPC_H	12.81	≤20.05	PASS
11AX80MIMO	Ant3	5290	TPC_H	14.58	≤20.05	PASS

11AX80MIMO	total	5290	TPC_H	18.49	≤20.05	PASS
11AX80MIMO	Ant1	5290	TPC_L	7.57	≤20.05	PASS
11AX80MIMO	Ant2	5290	TPC_L	6.64	≤20.05	PASS
11AX80MIMO	Ant3	5290	TPC_L	8.49	≤20.05	PASS
11AX80MIMO	total	5290	TPC_L	12.40	≤20.05	PASS
11AX80MIMO	Ant1	5530	TPC_H	13.40	≤20.05	PASS
11AX80MIMO	Ant2	5530	TPC_H	13.65	≤20.05	PASS
11AX80MIMO	Ant3	5530	TPC_H	14.78	≤20.05	PASS
11AX80MIMO	total	5530	TPC_H	18.76	≤20.05	PASS
11AX80MIMO	Ant1	5530	TPC_L	7.17	≤20.05	PASS
11AX80MIMO	Ant2	5530	TPC_L	7.43	≤20.05	PASS
11AX80MIMO	Ant3	5530	TPC_L	8.69	≤20.05	PASS
11AX80MIMO	total	5530	TPC_L	12.58	≤20.05	PASS
11AX80MIMO	Ant1	5610	TPC_H	13.54	≤20.05	PASS
11AX80MIMO	Ant2	5610	TPC_H	13.74	≤20.05	PASS
11AX80MIMO	Ant3	5610	TPC_H	14.32	≤20.05	PASS
11AX80MIMO	total	5610	TPC_H	18.65	≤20.05	PASS
11AX80MIMO	Ant1	5610	TPC_L	7.49	≤20.05	PASS
11AX80MIMO	Ant2	5610	TPC_L	7.66	≤20.05	PASS
11AX80MIMO	Ant3	5610	TPC_L	8.12	≤20.05	PASS
11AX80MIMO	total	5610	TPC_L	12.53	≤20.05	PASS
11AX80MIMO	Ant1	5775	NA	15.09	≤26.07	PASS
11AX80MIMO	Ant2	5775	NA	15.97	≤26.07	PASS
11AX80MIMO	Ant3	5775	NA	17.38	≤26.07	PASS
11AX80MIMO	total	5775	NA	21.02	≤26.07	PASS
11AX160MIMO	Ant1	5250_UNII-1	TPC_H	5.95	≤20.05	PASS
11AX160MIMO	Ant2	5250_UNII-1	TPC_H	4.41	≤20.05	PASS
11AX160MIMO	Ant3	5250_UNII-1	TPC_H	7.01	≤20.05	PASS
11AX160MIMO	total	5250_UNII-1	TPC_H	10.69	≤20.05	PASS
11AX160MIMO	Ant1	5250_UNII-1	TPC_L	-0.13	≤20.05	PASS
11AX160MIMO	Ant2	5250_UNII-1	TPC_L	-1.80	≤20.05	PASS
11AX160MIMO	Ant3	5250_UNII-1	TPC_L	0.91	≤20.05	PASS
11AX160MIMO	total	5250_UNII-1	TPC_L	4.57	≤20.05	PASS
11AX160MIMO	Ant1	5250_UNII-2A	TPC_H	5.97	≤20.05	PASS
11AX160MIMO	Ant2	5250_UNII-2A	TPC_H	3.90	≤20.05	PASS
11AX160MIMO	Ant3	5250_UNII-2A	TPC_H	6.03	≤20.05	PASS
11AX160MIMO	total	5250_UNII-2A	TPC_H	10.18	≤20.05	PASS
11AX160MIMO	Ant1	5250_UNII-2A	TPC_L	-0.08	≤20.05	PASS
11AX160MIMO	Ant2	5250_UNII-2A	TPC_L	-2.34	≤20.05	PASS
11AX160MIMO	Ant3	5250_UNII-2A	TPC_L	-0.19	≤20.05	PASS
11AX160MIMO	total	5250_UNII-2A	TPC_L	4.02	≤20.05	PASS
11AX160MIMO	Ant1	5570	TPC_H	7.22	≤20.05	PASS

11AX160MIMO	Ant2	5570	TPC_H	6.23	≤20.05	PASS
11AX160MIMO	Ant3	5570	TPC_H	7.02	≤20.05	PASS
11AX160MIMO	total	5570	TPC_H	11.62	≤20.05	PASS
11AX160MIMO	Ant1	5570	TPC_L	1.10	≤20.05	PASS
11AX160MIMO	Ant2	5570	TPC_L	0.23	≤20.05	PASS
11AX160MIMO	Ant3	5570	TPC_L	0.82	≤20.05	PASS
11AX160MIMO	total	5570	TPC_L	5.50	≤20.05	PASS

Note: The Duty Cycle Factor is compensated in the test system

for mimo mode: Directional gain = GANT + 10 log(NANT) dBi=5.16+4.77=9.93dBi

3.5 Power Spectral Density

3.5.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Master device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/300 kHz) to the measured result, i.e. 2.22 dB.
2. During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, offset=cable loss+duty factor+10log(500kHz/300kHz).

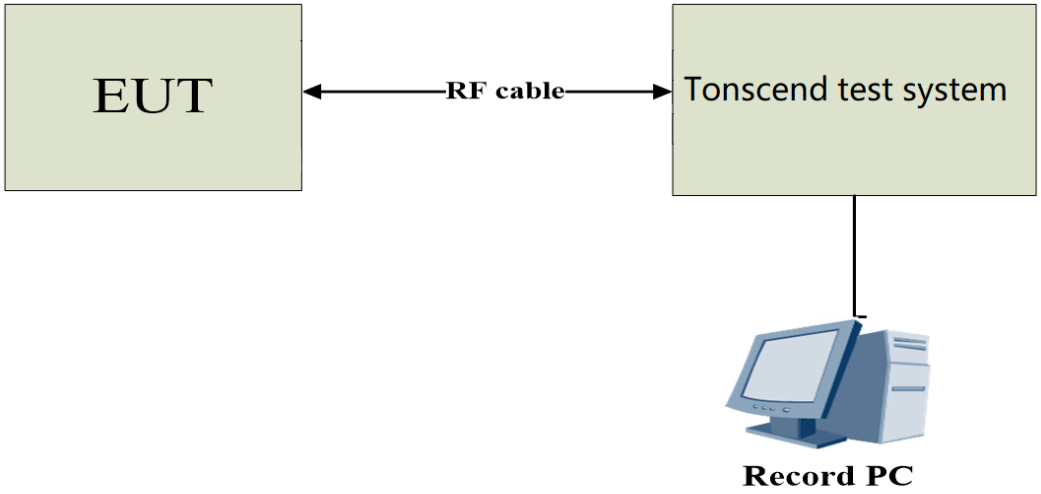
3.5.2 Test Procedure

Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

a) The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

Centre Frequency	The centre frequency of the channel under test
RBW	= 1 MHz (Band1/2/3); = 500kHz (Band4)
VBW	≥3 x RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	RMS
Trace Mode	Max Hold
Sweep Time	Auto Couple

3.5.3 Test Setup



3.5.4 The Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	8.04	≤17	PASS
11A	Ant2	5180	5.62	≤17	PASS
11A	Ant3	5180	8.88	≤17	PASS
11A	Ant1	5200	7.72	≤17	PASS
11A	Ant2	5200	5.49	≤17	PASS
11A	Ant3	5200	8.95	≤17	PASS
11A	Ant1	5240	7.79	≤17	PASS
11A	Ant2	5240	4.87	≤17	PASS
11A	Ant3	5240	8.61	≤17	PASS
11A	Ant1	5260	6.83	≤11	PASS
11A	Ant2	5260	5.99	≤11	PASS
11A	Ant3	5260	6.50	≤11	PASS
11A	Ant1	5280	6.95	≤11	PASS
11A	Ant2	5280	6.43	≤11	PASS
11A	Ant3	5280	6.59	≤11	PASS
11A	Ant1	5320	6.16	≤11	PASS
11A	Ant2	5320	6.59	≤11	PASS
11A	Ant3	5320	6.12	≤11	PASS
11A	Ant3	5500	6.57	≤11	PASS
11A	Ant1	5500	6.98	≤11	PASS
11A	Ant2	5500	6.99	≤11	PASS
11A	Ant1	5580	6.01	≤11	PASS
11A	Ant2	5580	6.37	≤11	PASS
11A	Ant3	5580	6.20	≤11	PASS
11A	Ant1	5700	6.48	≤11	PASS
11A	Ant2	5700	6.95	≤11	PASS
11A	Ant3	5700	6.69	≤11	PASS
11A	Ant1	5745	2.84	≤30.00	PASS
11A	Ant2	5745	5.14	≤30.00	PASS
11A	Ant3	5745	7.28	≤30.00	PASS
11A	Ant1	5785	3.33	≤30.00	PASS
11A	Ant2	5785	3.55	≤30.00	PASS
11A	Ant3	5785	6.61	≤30.00	PASS
11A	Ant1	5825	2.95	≤30.00	PASS
11A	Ant2	5825	3.11	≤30.00	PASS
11A	Ant3	5825	6.59	≤30.00	PASS
11N20MIMO	Ant1	5180	4.54	≤13.07	PASS
11N20MIMO	Ant2	5180	4.53	≤13.07	PASS
11N20MIMO	Ant3	5180	6.17	≤13.07	PASS
11N20MIMO	total	5180	9.92	≤13.07	PASS

11N20MIMO	Ant1	5200	4.83	≤13.07	PASS
11N20MIMO	Ant2	5200	4.23	≤13.07	PASS
11N20MIMO	Ant3	5200	5.84	≤13.07	PASS
11N20MIMO	total	5200	9.79	≤13.07	PASS
11N20MIMO	Ant1	5240	5.01	≤13.07	PASS
11N20MIMO	Ant2	5240	3.38	≤13.07	PASS
11N20MIMO	Ant3	5240	5.79	≤13.07	PASS
11N20MIMO	total	5240	9.61	≤13.07	PASS
11N20MIMO	Ant1	5260	1.47	≤7.07	PASS
11N20MIMO	Ant2	5260	1.50	≤7.07	PASS
11N20MIMO	Ant3	5260	1.96	≤7.07	PASS
11N20MIMO	total	5260	6.42	≤7.07	PASS
11N20MIMO	Ant1	5280	1.47	≤7.07	PASS
11N20MIMO	Ant2	5280	1.41	≤7.07	PASS
11N20MIMO	Ant3	5280	1.94	≤7.07	PASS
11N20MIMO	total	5280	6.38	≤7.07	PASS
11N20MIMO	Ant1	5320	1.50	≤7.07	PASS
11N20MIMO	Ant2	5320	1.79	≤7.07	PASS
11N20MIMO	Ant3	5320	2.16	≤7.07	PASS
11N20MIMO	total	5320	6.60	≤7.07	PASS
11N20MIMO	Ant1	5500	1.94	≤7.07	PASS
11N20MIMO	Ant2	5500	2.12	≤7.07	PASS
11N20MIMO	Ant3	5500	1.45	≤7.07	PASS
11N20MIMO	total	5500	6.62	≤7.07	PASS
11N20MIMO	Ant1	5580	2.06	≤7.07	PASS
11N20MIMO	Ant2	5580	1.65	≤7.07	PASS
11N20MIMO	Ant3	5580	2.15	≤7.07	PASS
11N20MIMO	total	5580	6.73	≤7.07	PASS
11N20MIMO	Ant1	5700	1.56	≤7.07	PASS
11N20MIMO	Ant2	5700	1.47	≤7.07	PASS
11N20MIMO	Ant3	5700	1.43	≤7.07	PASS
11N20MIMO	total	5700	6.26	≤7.07	PASS
11N20MIMO	Ant1	5745	0.84	≤26.07	PASS
11N20MIMO	Ant2	5745	2.16	≤26.07	PASS
11N20MIMO	Ant3	5745	3.48	≤26.07	PASS
11N20MIMO	total	5745	7.06	≤26.07	PASS
11N20MIMO	Ant1	5785	0.51	≤26.07	PASS
11N20MIMO	Ant2	5785	1.11	≤26.07	PASS
11N20MIMO	Ant3	5785	3.13	≤26.07	PASS
11N20MIMO	total	5785	6.50	≤26.07	PASS
11N20MIMO	Ant1	5825	1.30	≤26.07	PASS
11N20MIMO	Ant2	5825	2.88	≤26.07	PASS

11N20MIMO	Ant3	5825	3.59	≤26.07	PASS
11N20MIMO	total	5825	7.46	≤26.07	PASS
11N40MIMO	Ant1	5190	2.49	≤13.07	PASS
11N40MIMO	Ant2	5190	2.08	≤13.07	PASS
11N40MIMO	Ant3	5190	4.16	≤13.07	PASS
11N40MIMO	total	5190	7.78	≤13.07	PASS
11N40MIMO	Ant1	5230	3.12	≤13.07	PASS
11N40MIMO	Ant2	5230	2.02	≤13.07	PASS
11N40MIMO	Ant3	5230	4.06	≤13.07	PASS
11N40MIMO	total	5230	7.92	≤13.07	PASS
11N40MIMO	Ant1	5270	1.50	≤7.07	PASS
11N40MIMO	Ant3	5270	1.62	≤7.07	PASS
11N40MIMO	Ant2	5270	2.44	≤7.07	PASS
11N40MIMO	total	5270	6.65	≤7.07	PASS
11N40MIMO	Ant1	5310	1.59	≤7.07	PASS
11N40MIMO	Ant2	5310	1.19	≤7.07	PASS
11N40MIMO	Ant3	5310	2.48	≤7.07	PASS
11N40MIMO	total	5310	6.56	≤7.07	PASS
11N40MIMO	Ant1	5510	1.80	≤7.07	PASS
11N40MIMO	Ant2	5510	1.72	≤7.07	PASS
11N40MIMO	Ant3	5510	1.39	≤7.07	PASS
11N40MIMO	total	5510	6.41	≤7.07	PASS
11N40MIMO	Ant1	5550	1.61	≤7.07	PASS
11N40MIMO	Ant2	5550	1.63	≤7.07	PASS
11N40MIMO	Ant3	5550	1.51	≤7.07	PASS
11N40MIMO	total	5550	6.35	≤7.07	PASS
11N40MIMO	Ant1	5670	1.84	≤7.07	PASS
11N40MIMO	Ant2	5670	1.12	≤7.07	PASS
11N40MIMO	Ant3	5670	2.30	≤7.07	PASS
11N40MIMO	total	5670	6.55	≤7.07	PASS
11N40MIMO	Ant1	5755	-0.91	≤26.07	PASS
11N40MIMO	Ant2	5755	0.03	≤26.07	PASS
11N40MIMO	Ant3	5755	1.18	≤26.07	PASS
11N40MIMO	total	5755	4.96	≤26.07	PASS
11N40MIMO	Ant1	5795	-1.11	≤26.07	PASS
11N40MIMO	Ant2	5795	0.22	≤26.07	PASS
11N40MIMO	Ant3	5795	1.30	≤26.07	PASS
11N40MIMO	total	5795	5.02	≤26.07	PASS
11AC20MIMO	Ant1	5180	4.60	≤13.07	PASS
11AC20MIMO	Ant2	5180	4.25	≤13.07	PASS
11AC20MIMO	Ant3	5180	6.44	≤13.07	PASS
11AC20MIMO	total	5180	9.98	≤13.07	PASS

11AC20MIMO	Ant1	5200	4.90	≤13.07	PASS
11AC20MIMO	Ant2	5200	4.23	≤13.07	PASS
11AC20MIMO	total	5200	9.98	≤13.07	PASS
11AC20MIMO	Ant3	5200	6.25	≤13.07	PASS
11AC20MIMO	Ant1	5240	4.84	≤13.07	PASS
11AC20MIMO	Ant2	5240	3.77	≤13.07	PASS
11AC20MIMO	Ant3	5240	5.65	≤13.07	PASS
11AC20MIMO	total	5240	9.59	≤13.07	PASS
11AC20MIMO	Ant1	5260	1.93	≤7.07	PASS
11AC20MIMO	Ant2	5260	2.08	≤7.07	PASS
11AC20MIMO	Ant3	5260	2.46	≤7.07	PASS
11AC20MIMO	total	5260	6.93	≤7.07	PASS
11AC20MIMO	Ant1	5280	1.58	≤7.07	PASS
11AC20MIMO	Ant2	5280	1.32	≤7.07	PASS
11AC20MIMO	Ant3	5280	2.23	≤7.07	PASS
11AC20MIMO	total	5280	6.50	≤7.07	PASS
11AC20MIMO	Ant1	5320	1.59	≤7.07	PASS
11AC20MIMO	Ant2	5320	1.75	≤7.07	PASS
11AC20MIMO	Ant3	5320	2.09	≤7.07	PASS
11AC20MIMO	total	5320	6.59	≤7.07	PASS
11AC20MIMO	Ant1	5500	1.99	≤7.07	PASS
11AC20MIMO	Ant2	5500	2.13	≤7.07	PASS
11AC20MIMO	Ant3	5500	1.73	≤7.07	PASS
11AC20MIMO	total	5500	6.72	≤7.07	PASS
11AC20MIMO	Ant2	5580	2.27	≤7.07	PASS
11AC20MIMO	Ant3	5580	1.97	≤7.07	PASS
11AC20MIMO	total	5580	6.94	≤7.07	PASS
11AC20MIMO	Ant1	5580	2.25	≤7.07	PASS
11AC20MIMO	Ant1	5700	1.38	≤7.07	PASS
11AC20MIMO	Ant2	5700	2.59	≤7.07	PASS
11AC20MIMO	Ant3	5700	2.52	≤7.07	PASS
11AC20MIMO	total	5700	6.97	≤7.07	PASS
11AC20MIMO	Ant1	5745	0.93	≤26.07	PASS
11AC20MIMO	Ant2	5745	2.42	≤26.07	PASS
11AC20MIMO	total	5745	7.40	≤26.07	PASS
11AC20MIMO	Ant3	5745	4.00	≤26.07	PASS
11AC20MIMO	Ant1	5785	1.67	≤26.07	PASS
11AC20MIMO	Ant2	5785	2.66	≤26.07	PASS
11AC20MIMO	Ant3	5785	3.25	≤26.07	PASS
11AC20MIMO	total	5785	7.35	≤26.07	PASS
11AC20MIMO	Ant1	5825	1.08	≤26.07	PASS
11AC20MIMO	Ant2	5825	2.14	≤26.07	PASS

11AC20MIMO	Ant3	5825	3.65	≤26.07	PASS
11AC20MIMO	total	5825	7.19	≤26.07	PASS
11AC40MIMO	Ant1	5190	2.26	≤13.07	PASS
11AC40MIMO	Ant2	5190	1.90	≤13.07	PASS
11AC40MIMO	Ant3	5190	3.65	≤13.07	PASS
11AC40MIMO	total	5190	7.44	≤13.07	PASS
11AC40MIMO	Ant1	5230	2.78	≤13.07	PASS
11AC40MIMO	Ant2	5230	2.07	≤13.07	PASS
11AC40MIMO	Ant3	5230	3.50	≤13.07	PASS
11AC40MIMO	total	5230	7.59	≤13.07	PASS
11AC40MIMO	Ant1	5270	1.66	≤7.07	PASS
11AC40MIMO	Ant2	5270	1.84	≤7.07	PASS
11AC40MIMO	Ant3	5270	1.87	≤7.07	PASS
11AC40MIMO	total	5270	6.56	≤7.07	PASS
11AC40MIMO	Ant1	5310	2.09	≤7.07	PASS
11AC40MIMO	Ant2	5310	1.59	≤7.07	PASS
11AC40MIMO	Ant3	5310	2.26	≤7.07	PASS
11AC40MIMO	total	5310	6.76	≤7.07	PASS
11AC40MIMO	Ant1	5510	1.89	≤7.07	PASS
11AC40MIMO	Ant2	5510	1.17	≤7.07	PASS
11AC40MIMO	Ant3	5510	1.61	≤7.07	PASS
11AC40MIMO	total	5510	6.34	≤7.07	PASS
11AC40MIMO	Ant3	5550	1.20	≤7.07	PASS
11AC40MIMO	total	5550	6.43	≤7.07	PASS
11AC40MIMO	Ant1	5550	1.99	≤7.07	PASS
11AC40MIMO	Ant2	5550	1.76	≤7.07	PASS
11AC40MIMO	Ant1	5670	2.03	≤7.07	PASS
11AC40MIMO	Ant2	5670	1.81	≤7.07	PASS
11AC40MIMO	Ant3	5670	1.63	≤7.07	PASS
11AC40MIMO	total	5670	6.60	≤7.07	PASS
11AC40MIMO	Ant1	5755	-0.80	≤26.07	PASS
11AC40MIMO	Ant2	5755	0.29	≤26.07	PASS
11AC40MIMO	Ant3	5755	1.67	≤26.07	PASS
11AC40MIMO	total	5755	5.28	≤26.07	PASS
11AC40MIMO	Ant1	5795	-0.56	≤26.07	PASS
11AC40MIMO	Ant2	5795	0.39	≤26.07	PASS
11AC40MIMO	Ant3	5795	1.88	≤26.07	PASS
11AC40MIMO	total	5795	5.46	≤26.07	PASS
11AC80MIMO	Ant1	5210	-0.53	≤13.07	PASS
11AC80MIMO	Ant2	5210	-1.28	≤13.07	PASS
11AC80MIMO	Ant3	5210	-0.18	≤13.07	PASS
11AC80MIMO	total	5210	4.13	≤13.07	PASS

11AC80MIMO	Ant1	5290	-0.48	≤7.07	PASS
11AC80MIMO	Ant2	5290	-1.30	≤7.07	PASS
11AC80MIMO	Ant3	5290	0.79	≤7.07	PASS
11AC80MIMO	total	5290	4.53	≤7.07	PASS
11AC80MIMO	Ant1	5530	-0.38	≤7.07	PASS
11AC80MIMO	Ant2	5530	-1.23	≤7.07	PASS
11AC80MIMO	Ant3	5530	0.46	≤7.07	PASS
11AC80MIMO	total	5530	4.44	≤7.07	PASS
11AC80MIMO	Ant1	5610	0.02	≤7.07	PASS
11AC80MIMO	Ant2	5610	-0.67	≤7.07	PASS
11AC80MIMO	Ant3	5610	0.91	≤7.07	PASS
11AC80MIMO	total	5610	4.91	≤7.07	PASS
11AC80MIMO	Ant1	5775	-3.45	≤26.07	PASS
11AC80MIMO	Ant2	5775	-3.18	≤26.07	PASS
11AC80MIMO	total	5775	2.12	≤26.07	PASS
11AC80MIMO	Ant3	5775	-1.58	≤26.07	PASS
11AC160MIMO	Ant1	5250_UNII-1	-11.57	≤13.07	PASS
11AC160MIMO	Ant2	5250_UNII-1	-12.99	≤13.07	PASS
11AC160MIMO	Ant3	5250_UNII-1	-11.16	≤13.07	PASS
11AC160MIMO	total	5250_UNII-1	-7.07	≤13.07	PASS
11AC160MIMO	Ant1	5250_UNII-2A	-11.39	≤7.07	PASS
11AC160MIMO	Ant2	5250_UNII-2A	-12.80	≤7.07	PASS
11AC160MIMO	Ant3	5250_UNII-2A	-10.52	≤7.07	PASS
11AC160MIMO	total	5250_UNII-2A	-6.70	≤7.07	PASS
11AC160MIMO	Ant1	5570	-11.01	≤7.07	PASS
11AC160MIMO	Ant2	5570	-11.76	≤7.07	PASS
11AC160MIMO	Ant3	5570	-10.82	≤7.07	PASS
11AC160MIMO	total	5570	-6.41	≤7.07	PASS
11AX20MIMO	Ant1	5180	4.50	≤13.07	PASS
11AX20MIMO	Ant2	5180	4.67	≤13.07	PASS
11AX20MIMO	Ant3	5180	6.57	≤13.07	PASS
11AX20MIMO	total	5180	10.12	≤13.07	PASS
11AX20MIMO	Ant1	5200	4.46	≤13.07	PASS
11AX20MIMO	Ant2	5200	4.09	≤13.07	PASS
11AX20MIMO	Ant3	5200	5.79	≤13.07	PASS
11AX20MIMO	total	5200	9.61	≤13.07	PASS
11AX20MIMO	Ant1	5240	5.00	≤13.07	PASS
11AX20MIMO	Ant2	5240	3.56	≤13.07	PASS
11AX20MIMO	Ant3	5240	5.72	≤13.07	PASS
11AX20MIMO	total	5240	9.62	≤13.07	PASS
11AX20MIMO	Ant1	5260	1.91	≤7.07	PASS
11AX20MIMO	Ant2	5260	1.29	≤7.07	PASS

11AX20MIMO	Ant3	5260	2.61	≤7.07	PASS
11AX20MIMO	total	5260	6.74	≤7.07	PASS
11AX20MIMO	Ant1	5280	1.67	≤7.07	PASS
11AX20MIMO	Ant2	5280	1.06	≤7.07	PASS
11AX20MIMO	Ant3	5280	2.00	≤7.07	PASS
11AX20MIMO	total	5280	6.37	≤7.07	PASS
11AX20MIMO	Ant1	5320	1.39	≤7.07	PASS
11AX20MIMO	Ant2	5320	1.80	≤7.07	PASS
11AX20MIMO	Ant3	5320	2.29	≤7.07	PASS
11AX20MIMO	total	5320	6.61	≤7.07	PASS
11AX20MIMO	Ant1	5500	2.12	≤7.07	PASS
11AX20MIMO	Ant2	5500	1.28	≤7.07	PASS
11AX20MIMO	Ant3	5500	1.47	≤7.07	PASS
11AX20MIMO	total	5500	6.41	≤7.07	PASS
11AX20MIMO	Ant3	5580	2.07	≤7.07	PASS
11AX20MIMO	total	5580	6.89	≤7.07	PASS
11AX20MIMO	Ant1	5580	2.01	≤7.07	PASS
11AX20MIMO	Ant2	5580	2.27	≤7.07	PASS
11AX20MIMO	Ant1	5700	1.31	≤7.07	PASS
11AX20MIMO	Ant2	5700	2.50	≤7.07	PASS
11AX20MIMO	Ant3	5700	2.46	≤7.07	PASS
11AX20MIMO	total	5700	6.90	≤7.07	PASS
11AX20MIMO	Ant1	5745	0.99	≤26.07	PASS
11AX20MIMO	Ant2	5745	2.21	≤26.07	PASS
11AX20MIMO	Ant3	5745	3.91	≤26.07	PASS
11AX20MIMO	total	5745	7.31	≤26.07	PASS
11AX20MIMO	Ant1	5785	1.72	≤26.07	PASS
11AX20MIMO	Ant2	5785	2.50	≤26.07	PASS
11AX20MIMO	Ant3	5785	3.14	≤26.07	PASS
11AX20MIMO	total	5785	7.26	≤26.07	PASS
11AX20MIMO	Ant1	5825	0.91	≤26.07	PASS
11AX20MIMO	Ant2	5825	2.43	≤26.07	PASS
11AX20MIMO	Ant3	5825	3.70	≤26.07	PASS
11AX20MIMO	total	5825	7.26	≤26.07	PASS
11AX40MIMO	Ant1	5190	2.12	≤13.07	PASS
11AX40MIMO	Ant2	5190	1.96	≤13.07	PASS
11AX40MIMO	Ant3	5190	3.61	≤13.07	PASS
11AX40MIMO	total	5190	7.40	≤13.07	PASS
11AX40MIMO	Ant1	5230	2.81	≤13.07	PASS
11AX40MIMO	Ant2	5230	2.09	≤13.07	PASS
11AX40MIMO	Ant3	5230	4.18	≤13.07	PASS
11AX40MIMO	total	5230	7.89	≤13.07	PASS

11AX40MIMO	Ant1	5270	1.86	≤7.07	PASS
11AX40MIMO	Ant2	5270	1.55	≤7.07	PASS
11AX40MIMO	Ant3	5270	2.28	≤7.07	PASS
11AX40MIMO	total	5270	6.68	≤7.07	PASS
11AX40MIMO	Ant1	5310	1.51	≤7.07	PASS
11AX40MIMO	Ant2	5310	1.02	≤7.07	PASS
11AX40MIMO	Ant3	5310	2.34	≤7.07	PASS
11AX40MIMO	total	5310	6.43	≤7.07	PASS
11AX40MIMO	Ant1	5510	1.97	≤7.07	PASS
11AX40MIMO	Ant2	5510	1.73	≤7.07	PASS
11AX40MIMO	Ant3	5510	1.45	≤7.07	PASS
11AX40MIMO	total	5510	6.49	≤7.07	PASS
11AX40MIMO	Ant1	5550	1.94	≤7.07	PASS
11AX40MIMO	Ant2	5550	1.92	≤7.07	PASS
11AX40MIMO	Ant3	5550	1.74	≤7.07	PASS
11AX40MIMO	total	5550	6.64	≤7.07	PASS
11AX40MIMO	Ant2	5670	1.47	≤7.07	PASS
11AX40MIMO	Ant3	5670	1.18	≤7.07	PASS
11AX40MIMO	total	5670	6.19	≤7.07	PASS
11AX40MIMO	Ant1	5670	1.61	≤7.07	PASS
11AX40MIMO	Ant1	5755	-1.03	≤26.07	PASS
11AX40MIMO	Ant2	5755	0.43	≤26.07	PASS
11AX40MIMO	Ant3	5755	1.60	≤26.07	PASS
11AX40MIMO	total	5755	5.24	≤26.07	PASS
11AX40MIMO	Ant1	5795	-0.64	≤26.07	PASS
11AX40MIMO	Ant2	5795	0.16	≤26.07	PASS
11AX40MIMO	Ant3	5795	1.60	≤26.07	PASS
11AX40MIMO	total	5795	5.25	≤26.07	PASS
11AX80MIMO	Ant1	5210	-0.71	≤13.07	PASS
11AX80MIMO	Ant2	5210	-1.37	≤13.07	PASS
11AX80MIMO	Ant3	5210	0.08	≤13.07	PASS
11AX80MIMO	total	5210	4.15	≤13.07	PASS
11AX80MIMO	Ant1	5290	-0.84	≤7.07	PASS
11AX80MIMO	Ant2	5290	-1.01	≤7.07	PASS
11AX80MIMO	Ant3	5290	0.90	≤7.07	PASS
11AX80MIMO	total	5290	4.54	≤7.07	PASS
11AX80MIMO	Ant1	5530	-0.49	≤7.07	PASS
11AX80MIMO	Ant2	5530	-1.03	≤7.07	PASS
11AX80MIMO	total	5530	4.57	≤7.07	PASS
11AX80MIMO	Ant3	5530	0.73	≤7.07	PASS
11AX80MIMO	Ant1	5610	-0.69	≤7.07	PASS
11AX80MIMO	Ant2	5610	-0.73	≤7.07	PASS

11AX80MIMO	Ant3	5610	0.27	≤7.07	PASS
11AX80MIMO	total	5610	4.41	≤7.07	PASS
11AX80MIMO	Ant1	5775	-3.91	≤26.07	PASS
11AX80MIMO	Ant2	5775	-3.06	≤26.07	PASS
11AX80MIMO	Ant3	5775	-1.46	≤26.07	PASS
11AX80MIMO	total	5775	2.08	≤26.07	PASS
11AX160MIMO	Ant1	5250_UNII-1	-11.75	≤13.07	PASS
11AX160MIMO	Ant2	5250_UNII-1	-13.41	≤13.07	PASS
11AX160MIMO	Ant3	5250_UNII-1	-10.85	≤13.07	PASS
11AX160MIMO	total	5250_UNII-1	-7.11	≤13.07	PASS
11AX160MIMO	Ant1	5250_UNII-2A	-11.62	≤7.07	PASS
11AX160MIMO	Ant2	5250_UNII-2A	-13.72	≤7.07	PASS
11AX160MIMO	Ant3	5250_UNII-2A	-10.51	≤7.07	PASS
11AX160MIMO	total	5250_UNII-2A	-6.98	≤7.07	PASS
11AX160MIMO	Ant1	5570	-10.97	≤7.07	PASS
11AX160MIMO	Ant2	5570	-12.42	≤7.07	PASS
11AX160MIMO	Ant3	5570	-11.10	≤7.07	PASS
11AX160MIMO	total	5570	-6.68	≤7.07	PASS

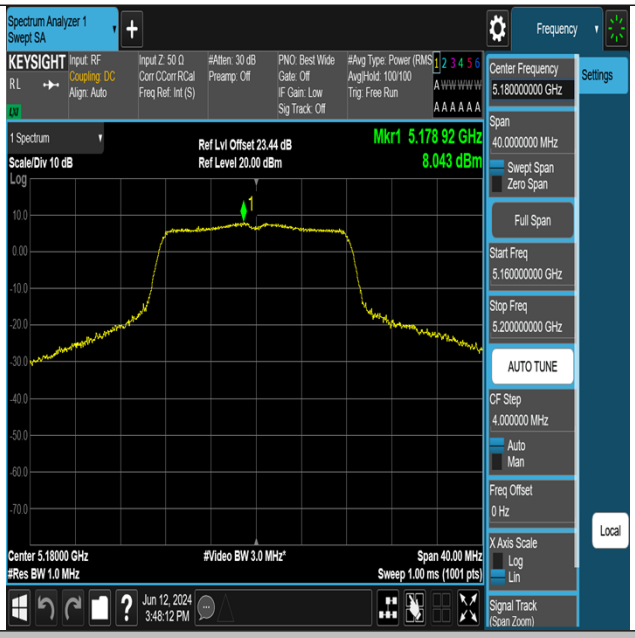
Note: The Duty Cycle Factor is compensated in the test system

for mimo mode: Directional gain = GANT + 10 log(NANT) dBi=5.16+4.77=9.93dBi

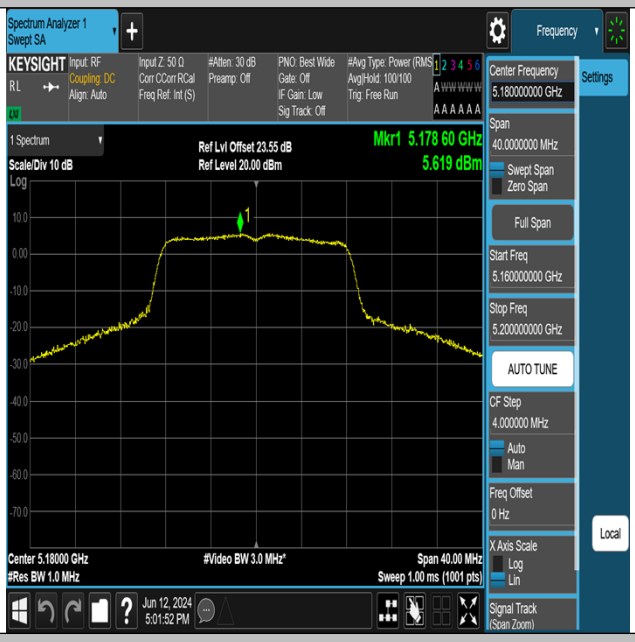
Pre-scan TPC_H PSD and TPC_L PSD, worst case for TPC_H PSD was recorded.

For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/300 kHz) to the measured result, i.e. 2.22 dB.

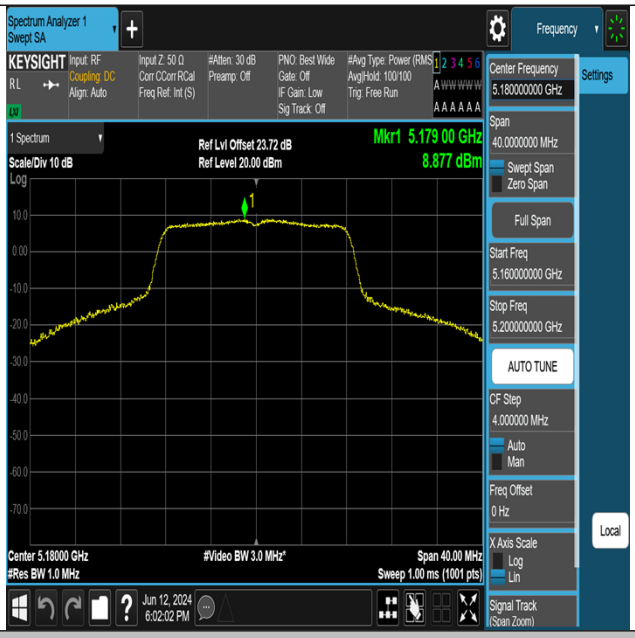
During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, offset=cable loss+duty factor+10log(500kHz/300kHz).



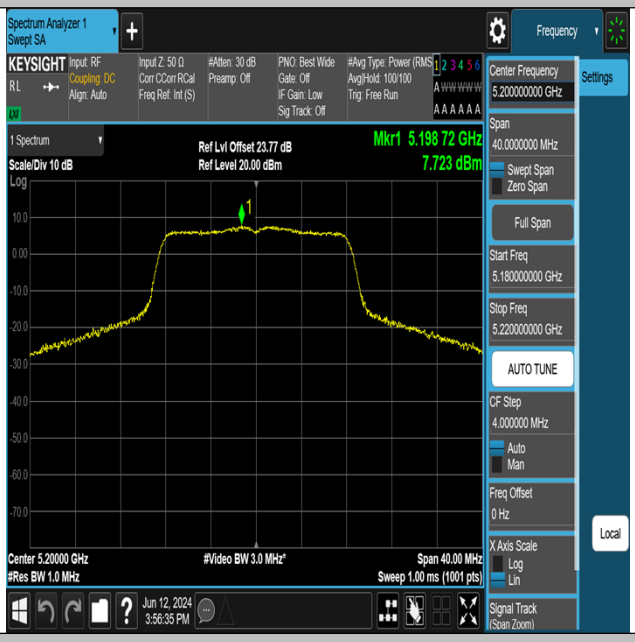
11A-Ant1-5180-PASS



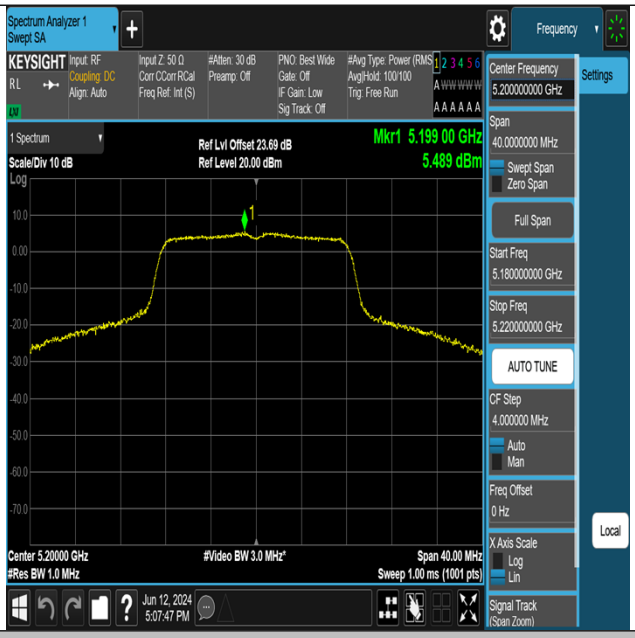
11A-Ant2-5180-PASS



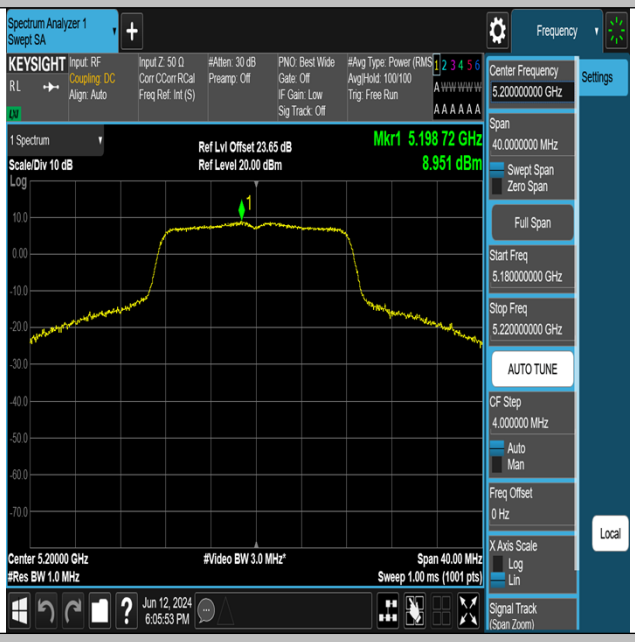
11A-Ant3-5180-PASS



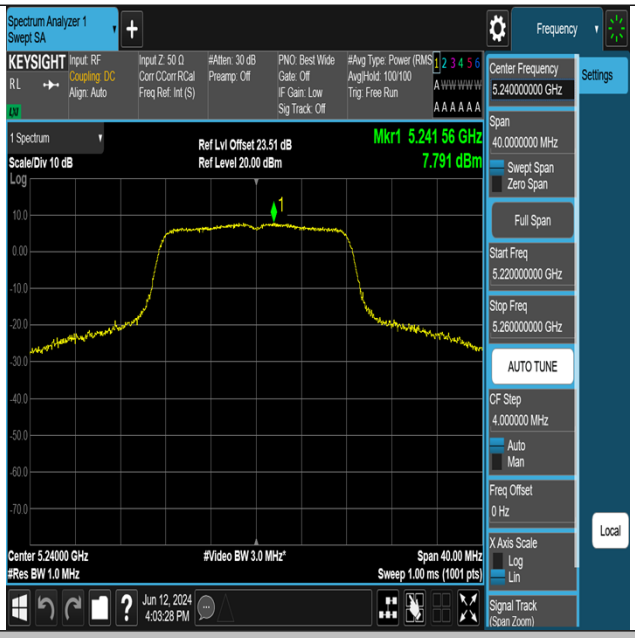
11A-Ant1-5200-PASS



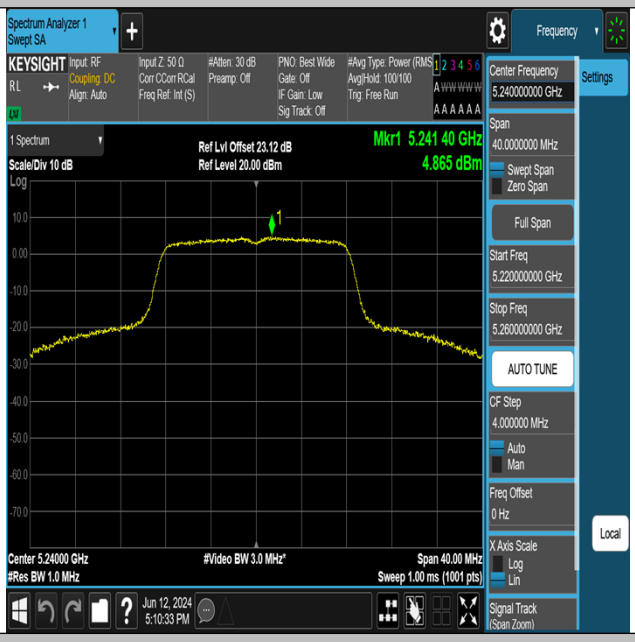
11A-Ant2-5200-PASS



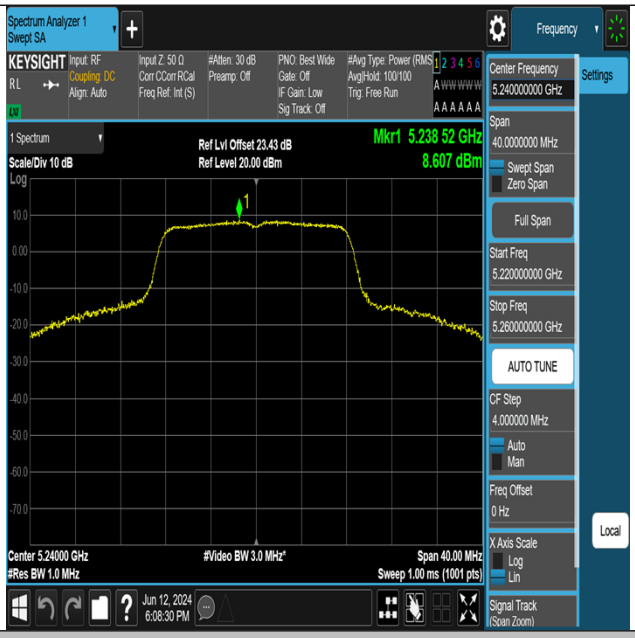
11A-Ant3-5200-PASS



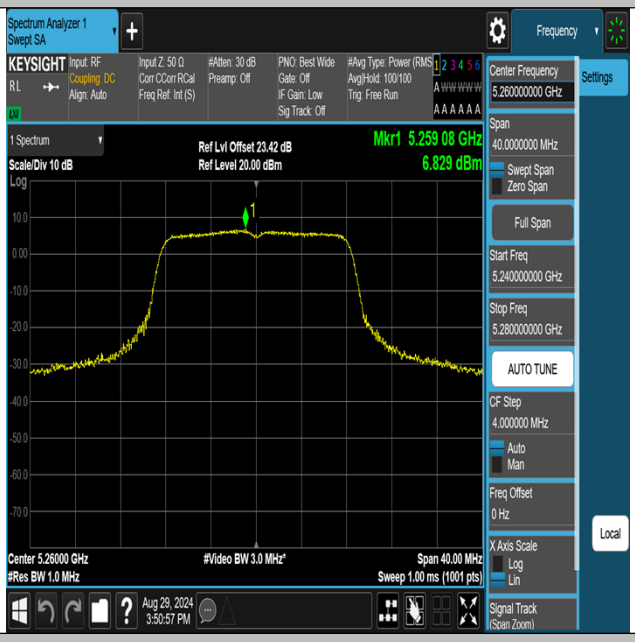
11A-Ant1-5240-PASS



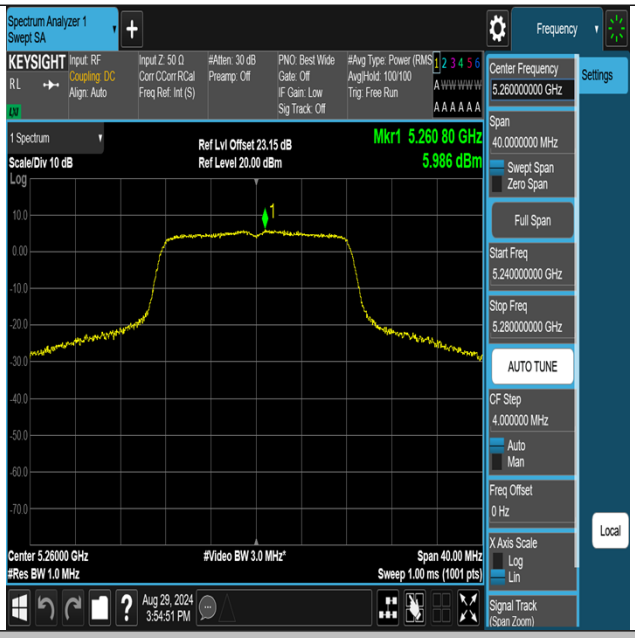
11A-Ant2-5240-PASS



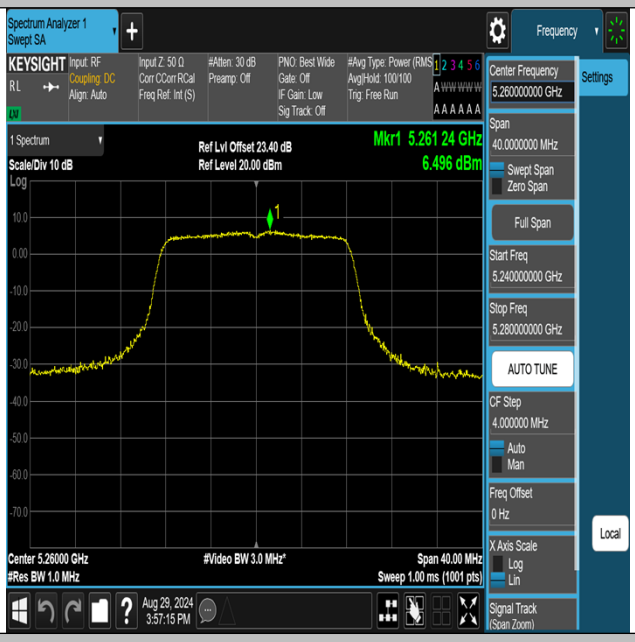
11A-Ant3-5240-PASS



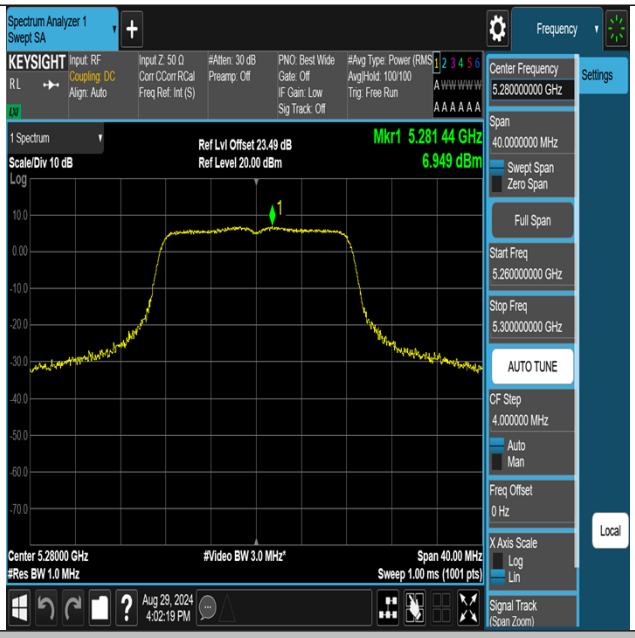
11A-Ant1-5260-PASS



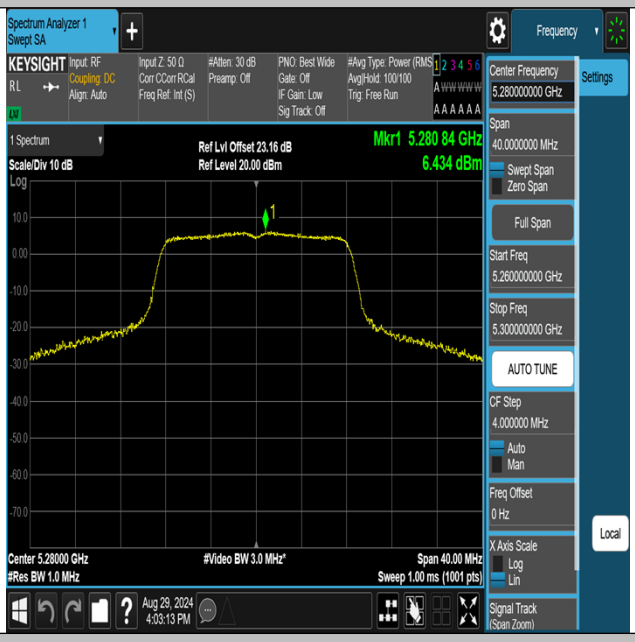
11A-Ant2-5260-PASS



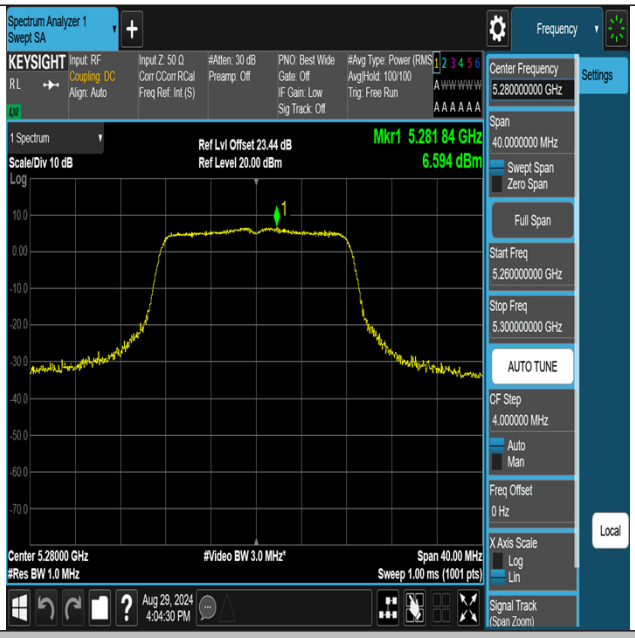
11A-Ant3-5260-PASS



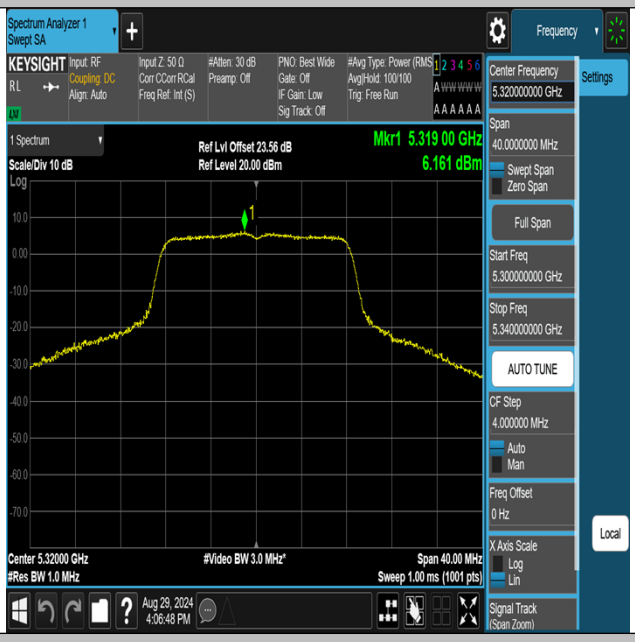
11A-Ant1-5280-PASS



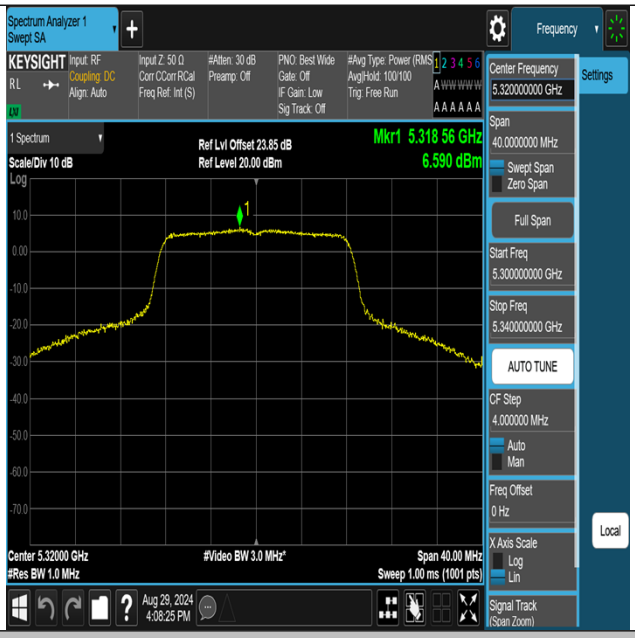
11A-Ant2-5280-PASS



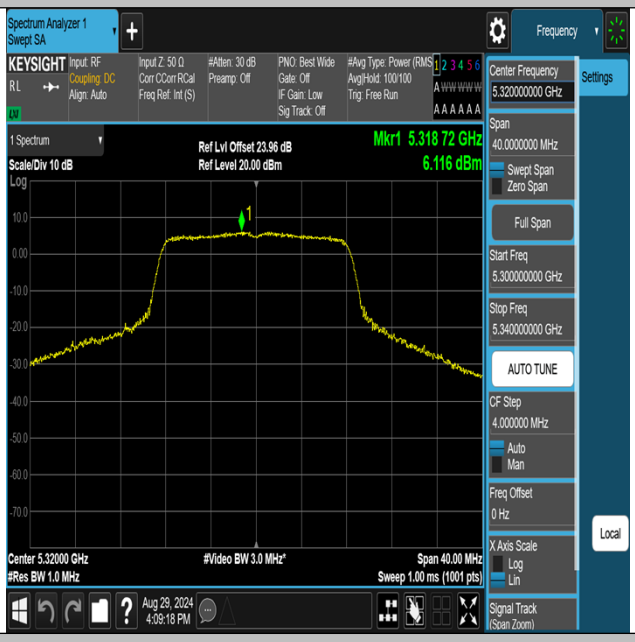
11A-Ant3-5280-PASS



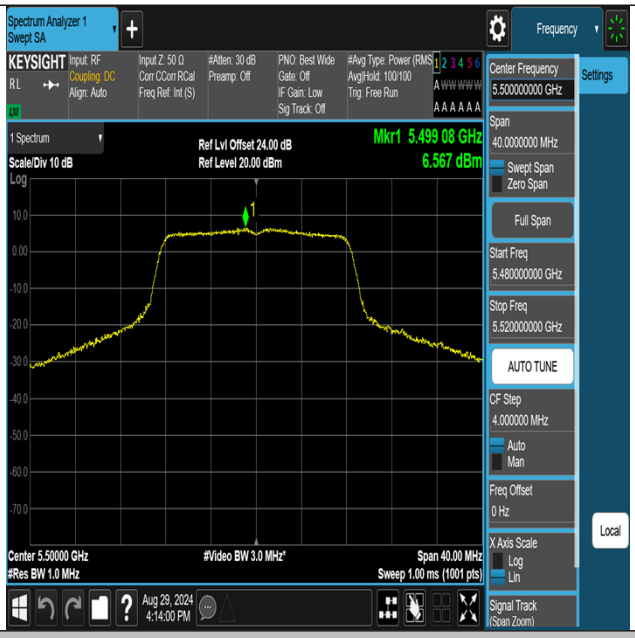
11A-Ant1-5320-PASS



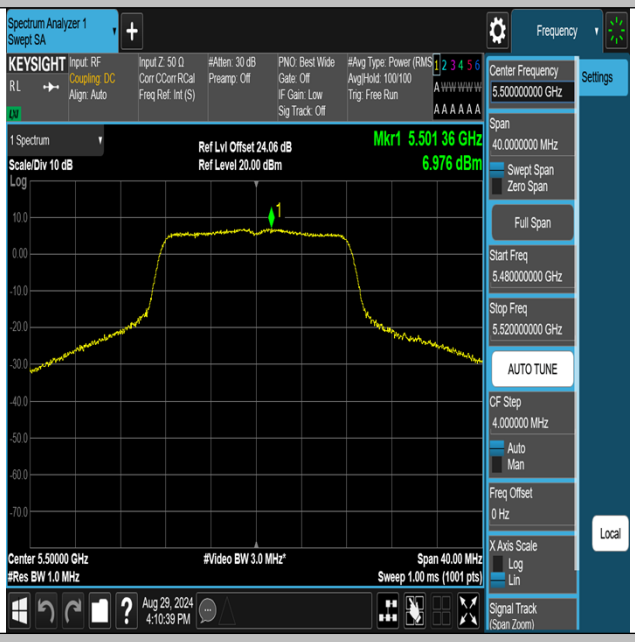
11A-Ant2-5320-PASS



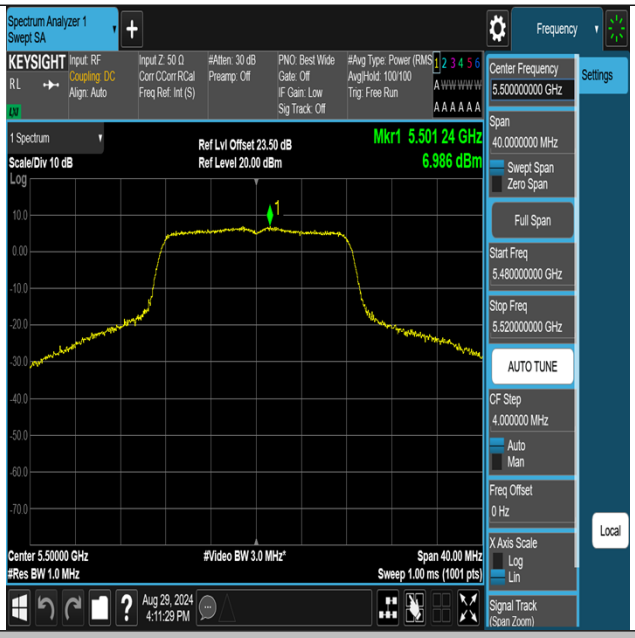
11A-Ant3-5320-PASS



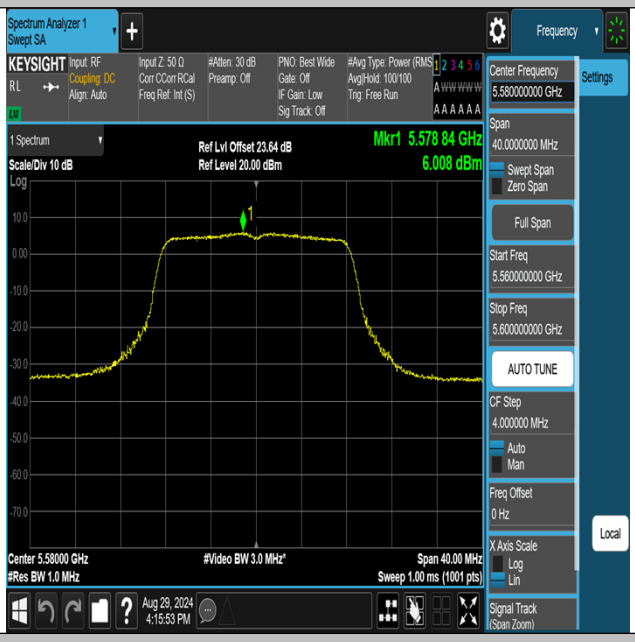
11A-Ant3-5500-PASS



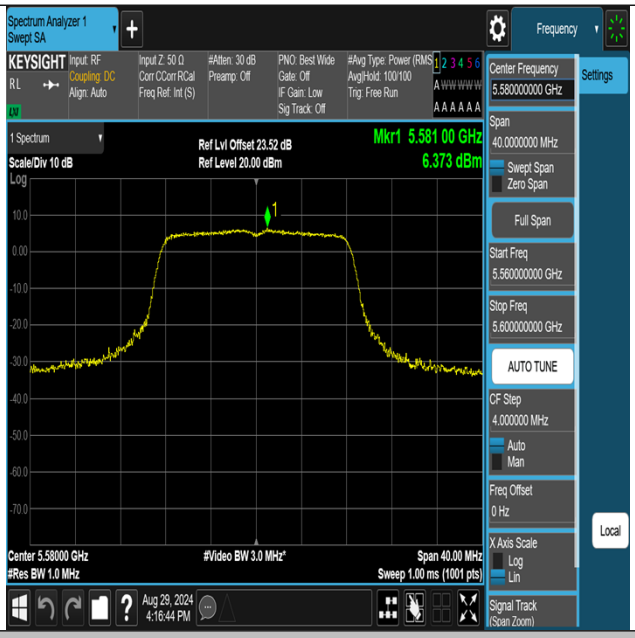
11A-Ant1-5500-PASS



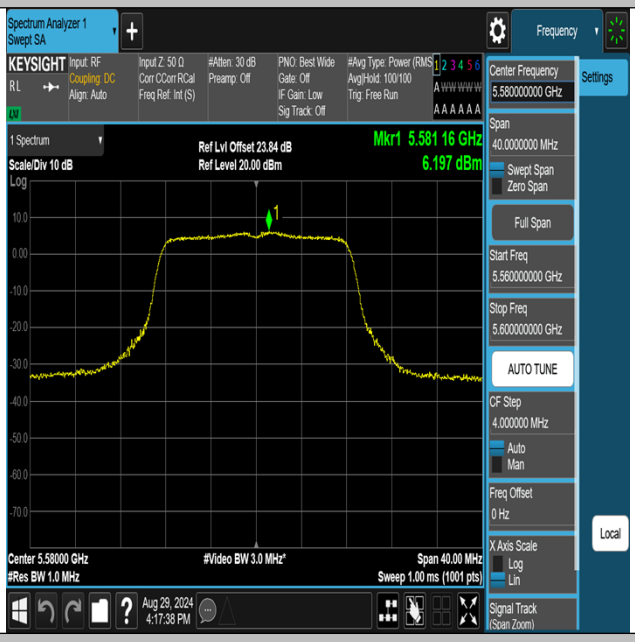
11A-Ant2-5500-PASS



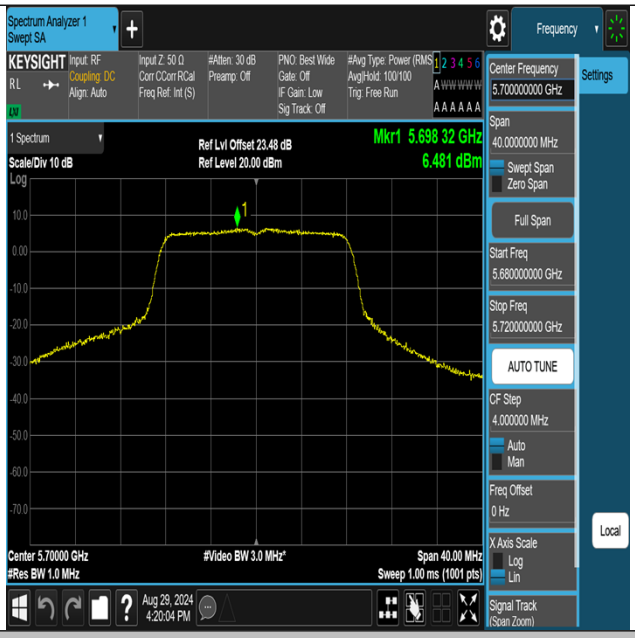
11A-Ant1-5580-PASS



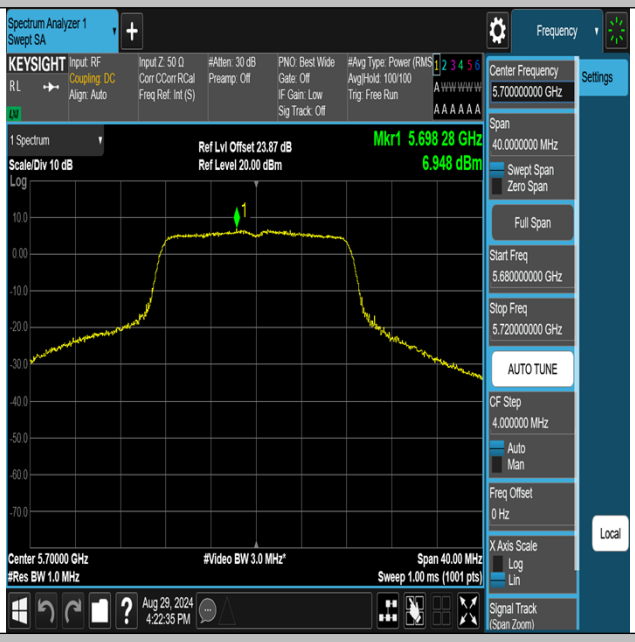
11A-Ant2-5580-PASS



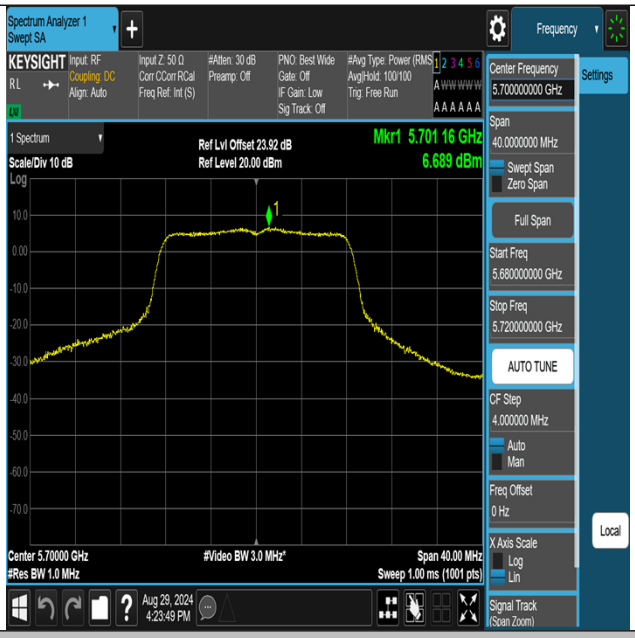
11A-Ant3-5580-PASS



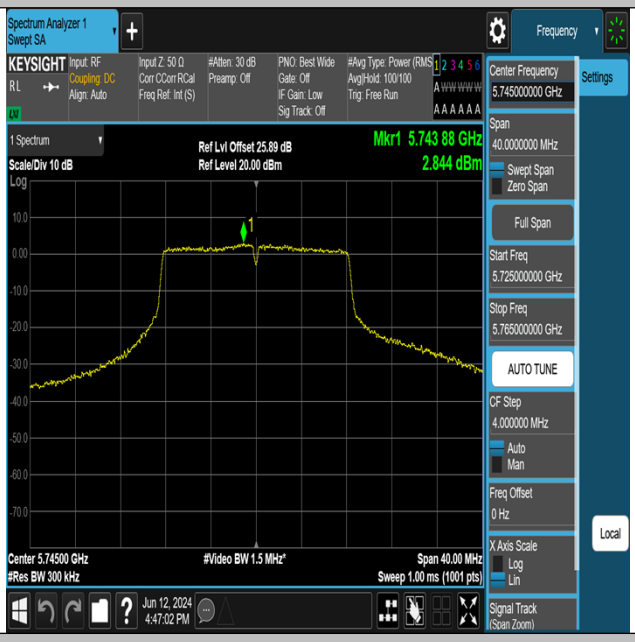
11A-Ant1-5700-PASS



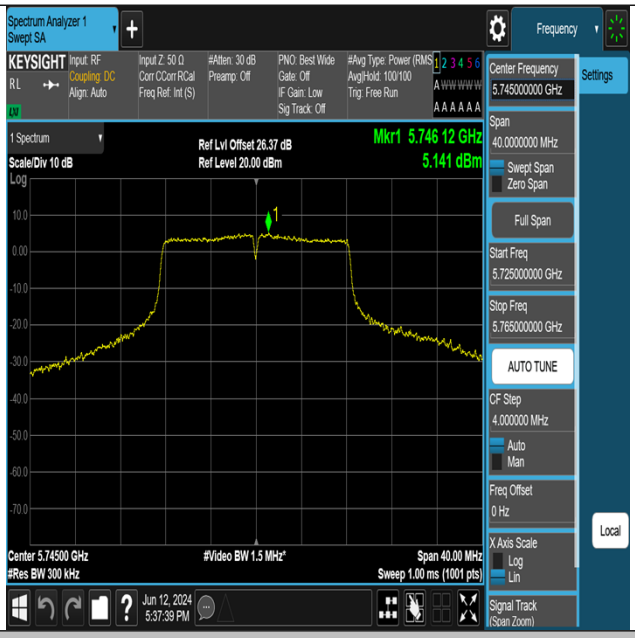
11A-Ant2-5700-PASS



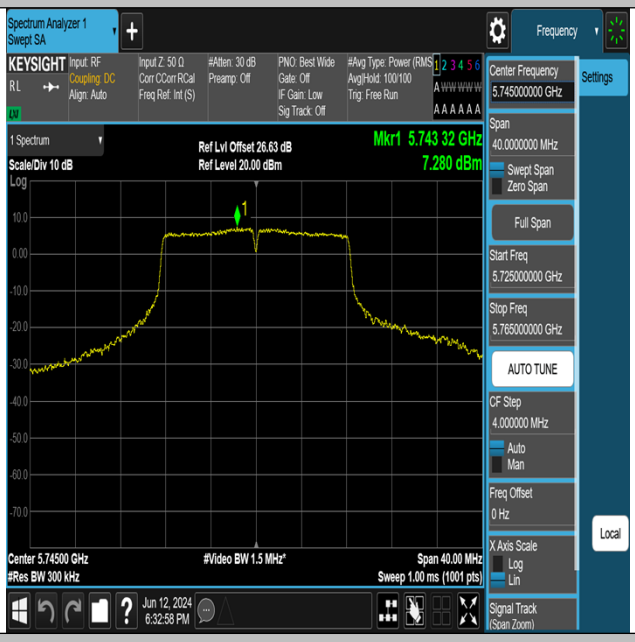
11A-Ant3-5700-PASS



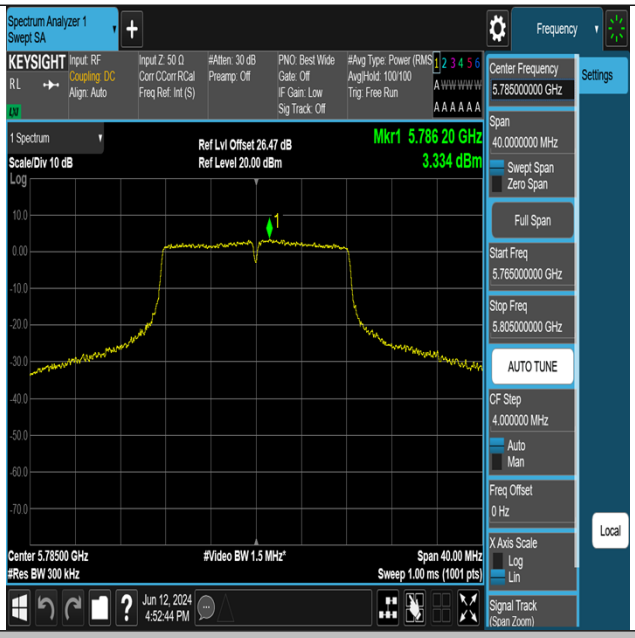
11A-Ant1-5745-PASS



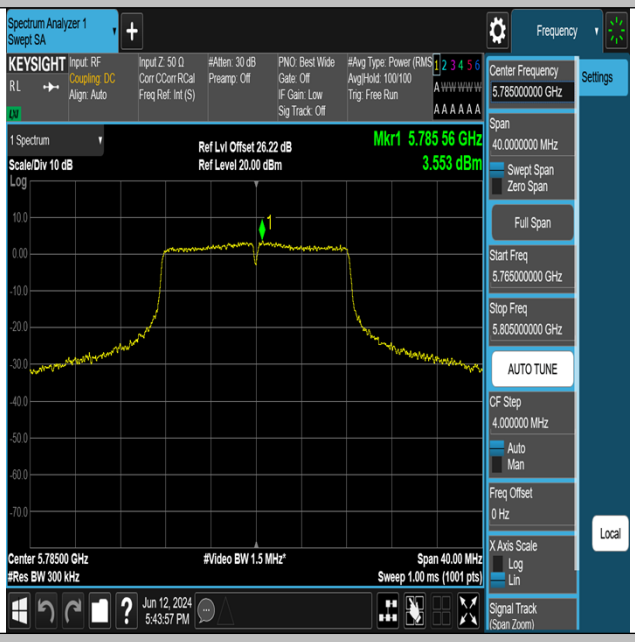
11A-Ant2-5745-PASS



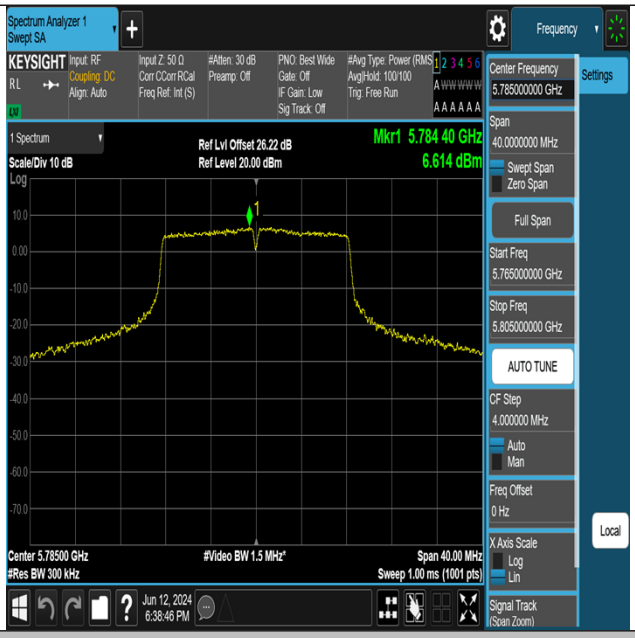
11A-Ant3-5745-PASS



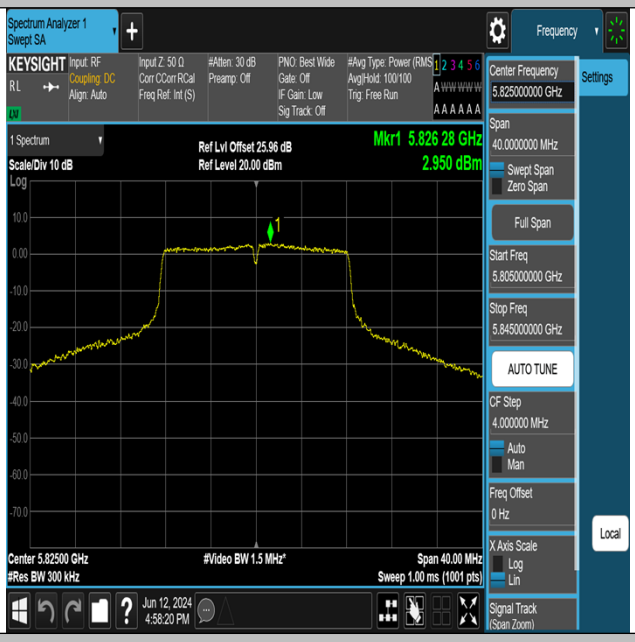
11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant3-5785-PASS



11A-Ant1-5825-PASS