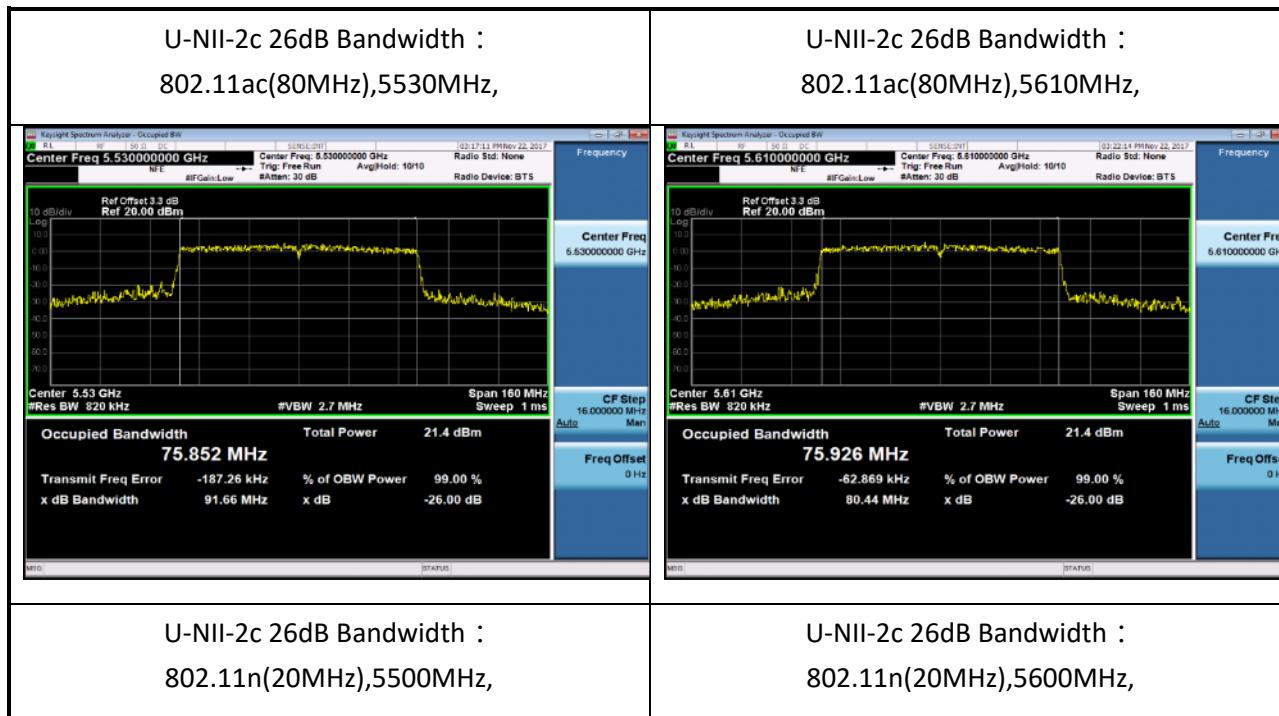
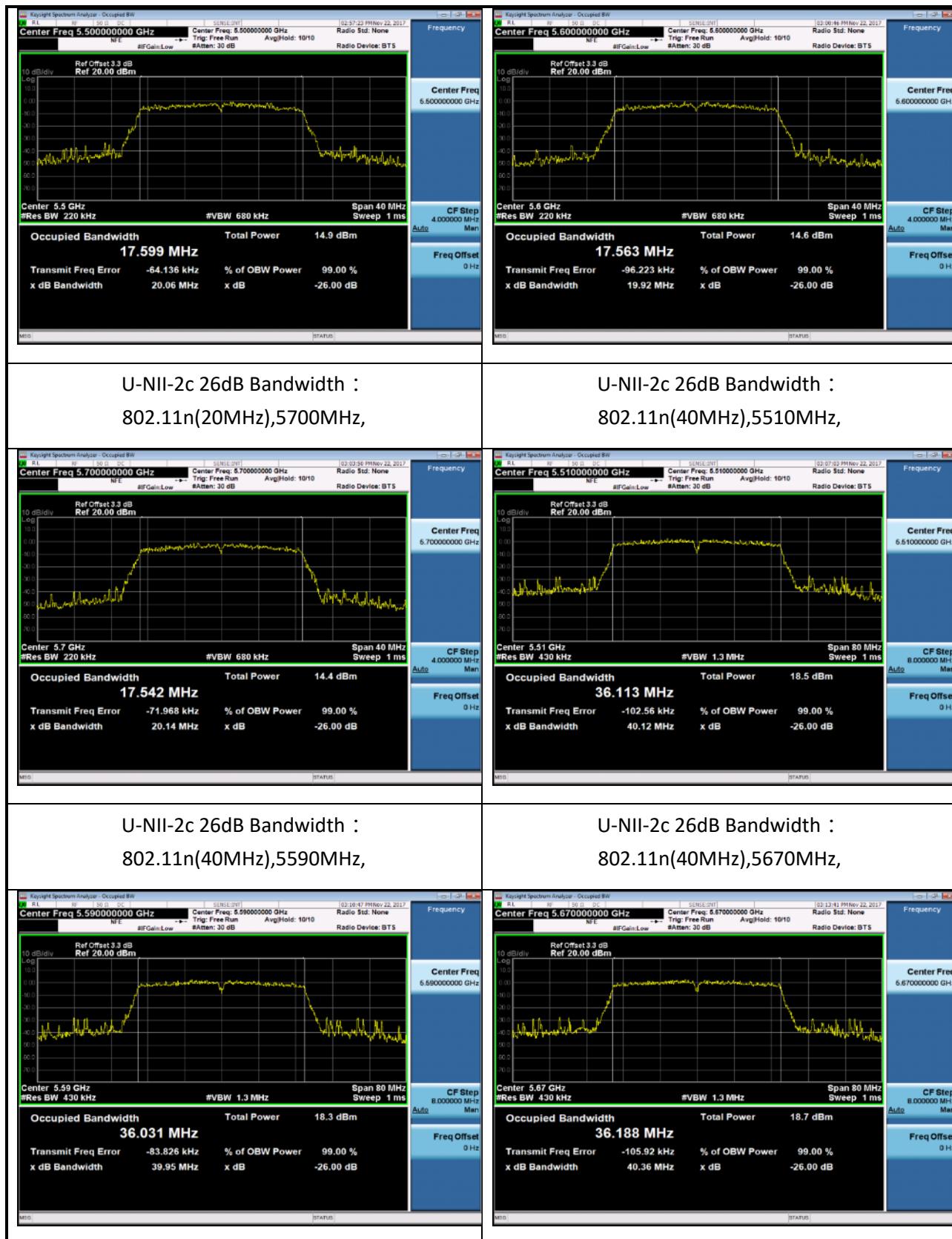


ANT 0:





13. Occupied Bandwidth

13.1 Test Data

ANT 1:

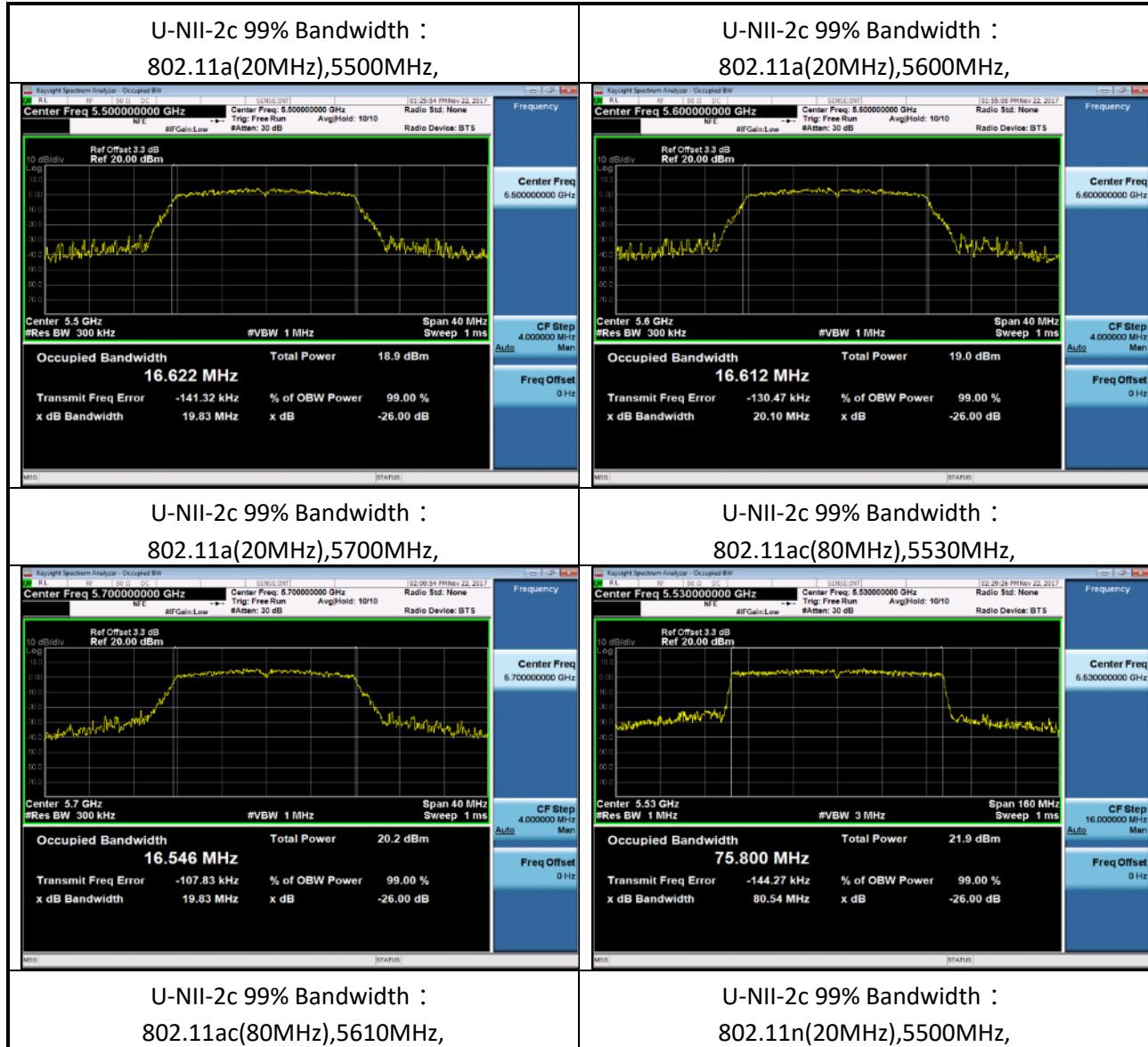
U-NII-2c 99% Occupied Bandwidth			
Mode	Test Frequency(MHz)	99% Occupy Bandwidth(MHz)	Result
802.11n(20MHz)	5500	17.620	-
802.11n(20MHz)	5600	17.635	-
802.11n(20MHz)	5700	17.636	-
802.11n(40MHz)	5510	36.318	-
802.11n(40MHz)	5590	36.224	-
802.11n(40MHz)	5670	36.292	-
802.11ac(80MHz)	5530	75.800	-
802.11ac(80MHz)	5610	75.768	-
802.11a(20MHz)	5500	16.622	-
802.11a(20MHz)	5600	16.612	-
802.11a(20MHz)	5700	16.546	-

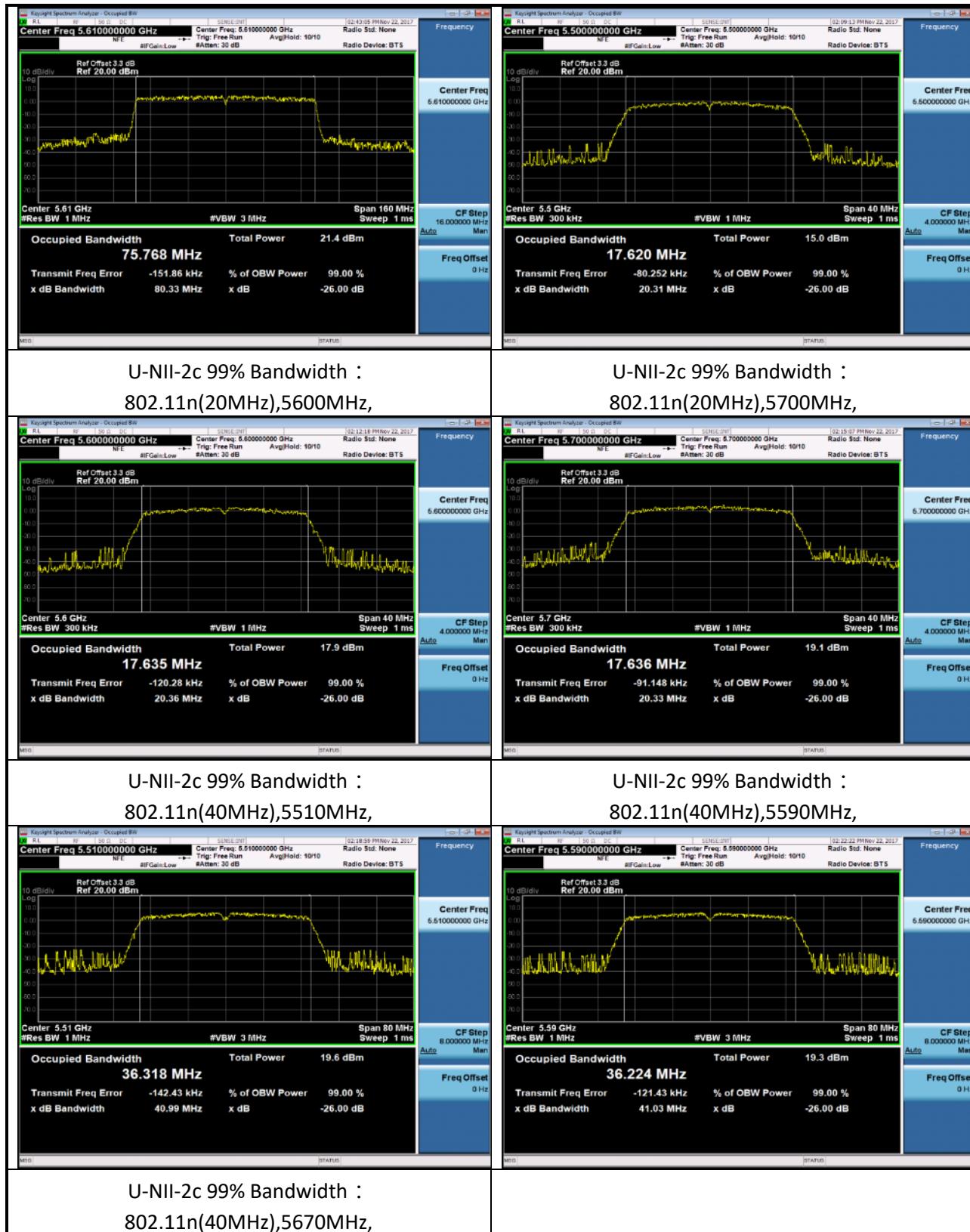
ANT 0:

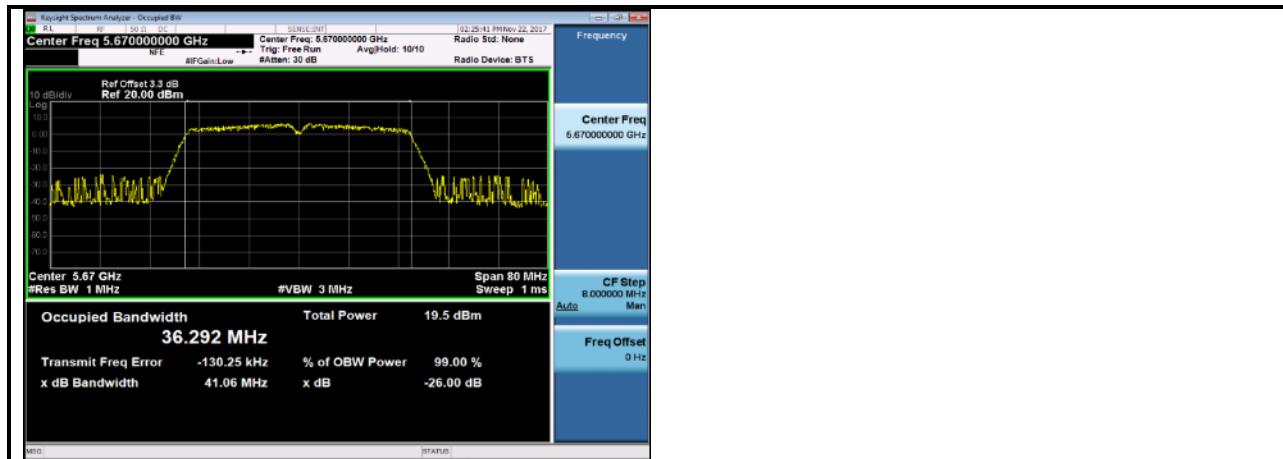
U-NII-2c 99% Occupied Bandwidth			
Mode	Test Frequency(MHz)	99% Occupy Bandwidth(MHz)	Result
802.11n(20MHz)	5500	17.641	-
802.11n(20MHz)	5600	17.644	-
802.11n(20MHz)	5700	17.652	-
802.11n(40MHz)	5510	36.374	-
802.11n(40MHz)	5590	36.318	-
802.11n(40MHz)	5670	36.38	-
802.11ac(80MHz)	5530	75.84	-
802.11ac(80MHz)	5610	75.87	-

13.2 Test Plots

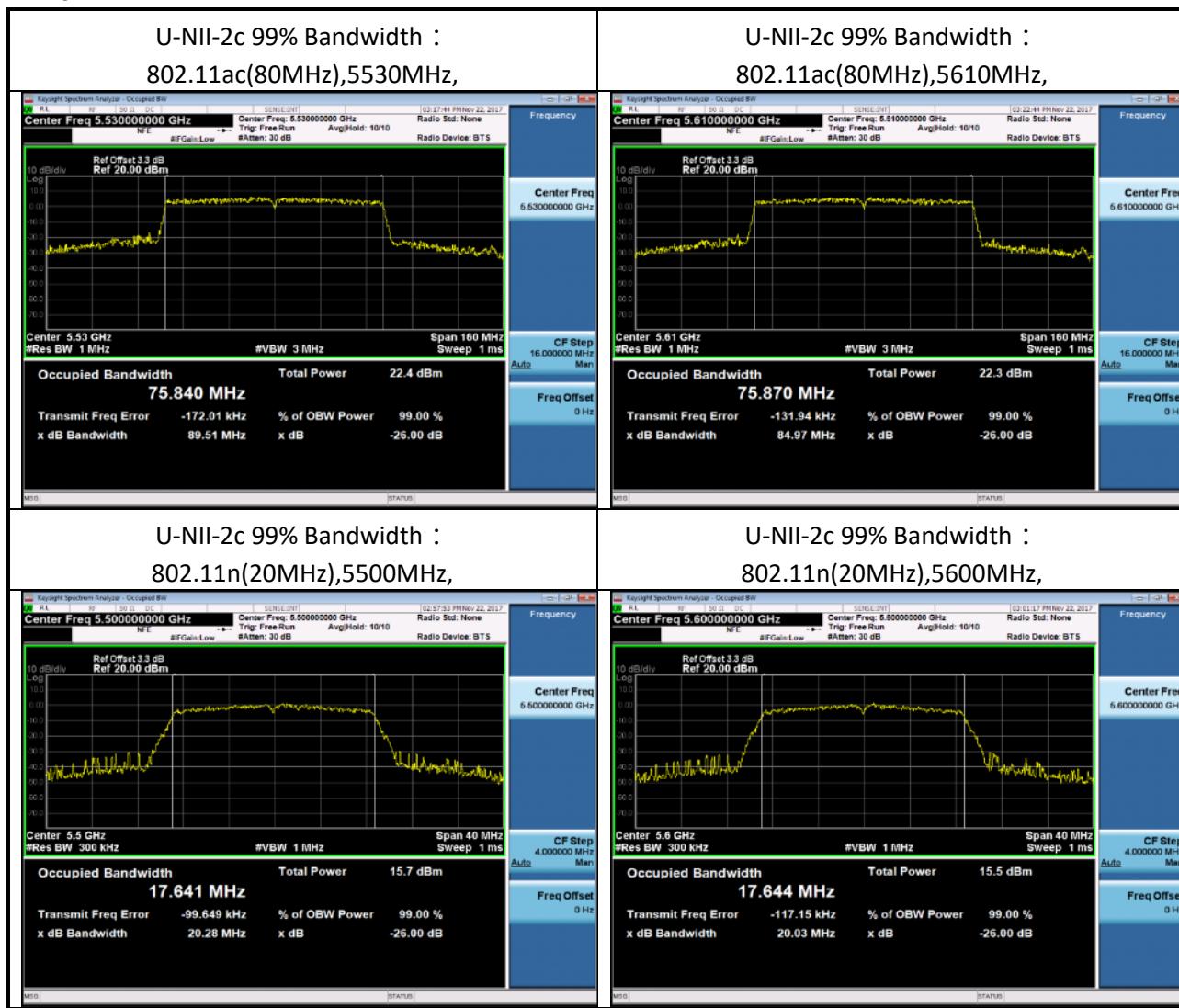
ANT 1:

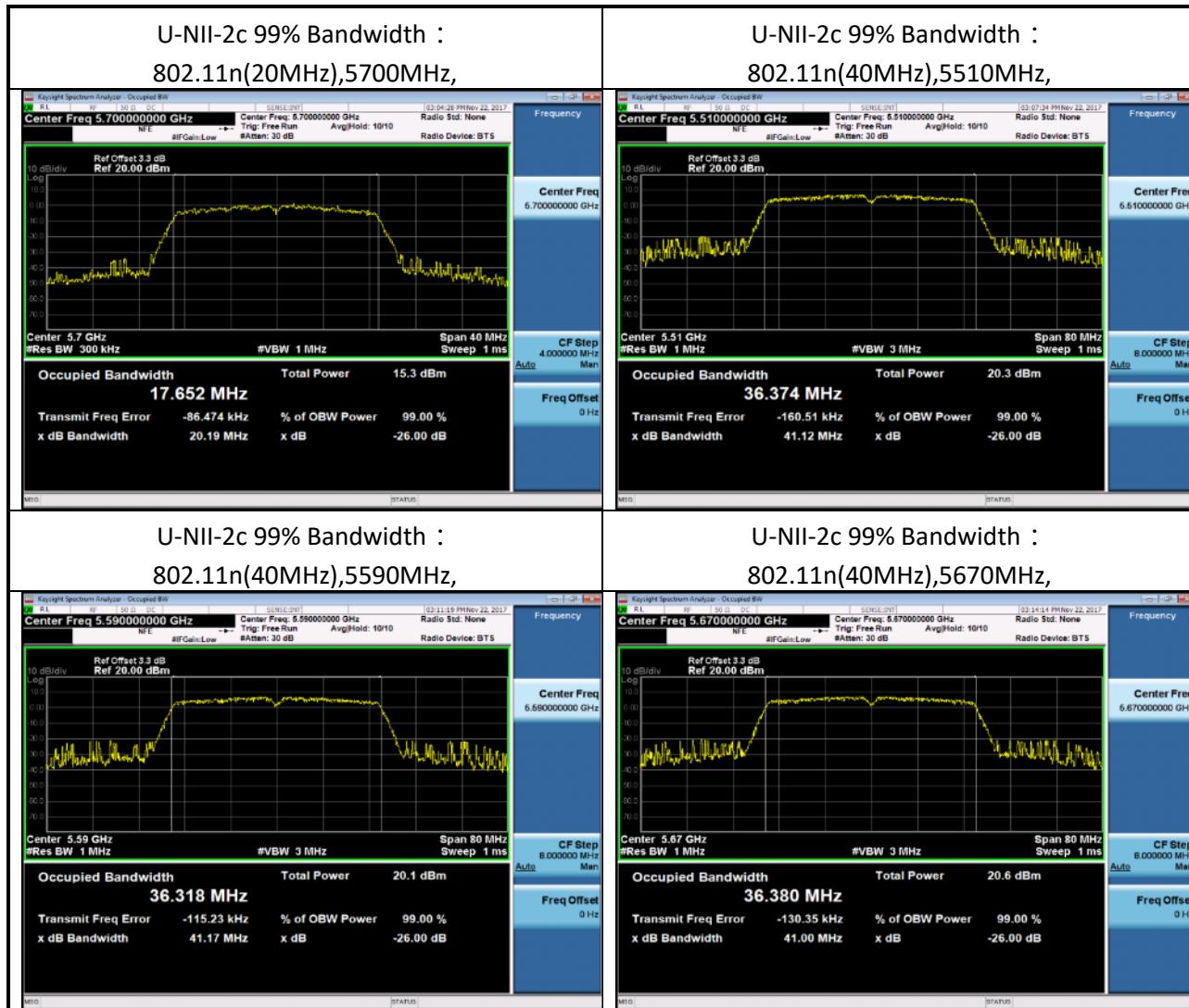






ANT 0:





14. Maximum conducted output power and e.i.r.p

14.1 Test Data

ANT 1:

U-NII-2c AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Max Power (dBm)	Limit (dBm)	Result
802.11n(20MHz)	5500	Ant1	97.26	8.99	-	-
802.11n(20MHz)	5600	Ant1	97.38	11.84	-	-
802.11n(20MHz)	5700	Ant1	97.38	13.09	-	-
802.11n(40MHz)	5510	Ant1	94.87	12.55	-	-
802.11n(40MHz)	5590	Ant1	94.88	12.26	-	-
802.11n(40MHz)	5670	Ant1	94.88	12.52	-	-
802.11ac(80MHz)	5530	Ant1	84.18	13.81	-	-
802.11ac(80MHz)	5610	Ant1	84.22	13.36	-	-
802.11a(20MHz)	5500	Ant1	97.55	13.11	24	Pass
802.11a(20MHz)	5600	Ant1	97.55	13.18	24	Pass
802.11a(20MHz)	5700	Ant1	97.55	14.37	24	Pass

ANT 0:

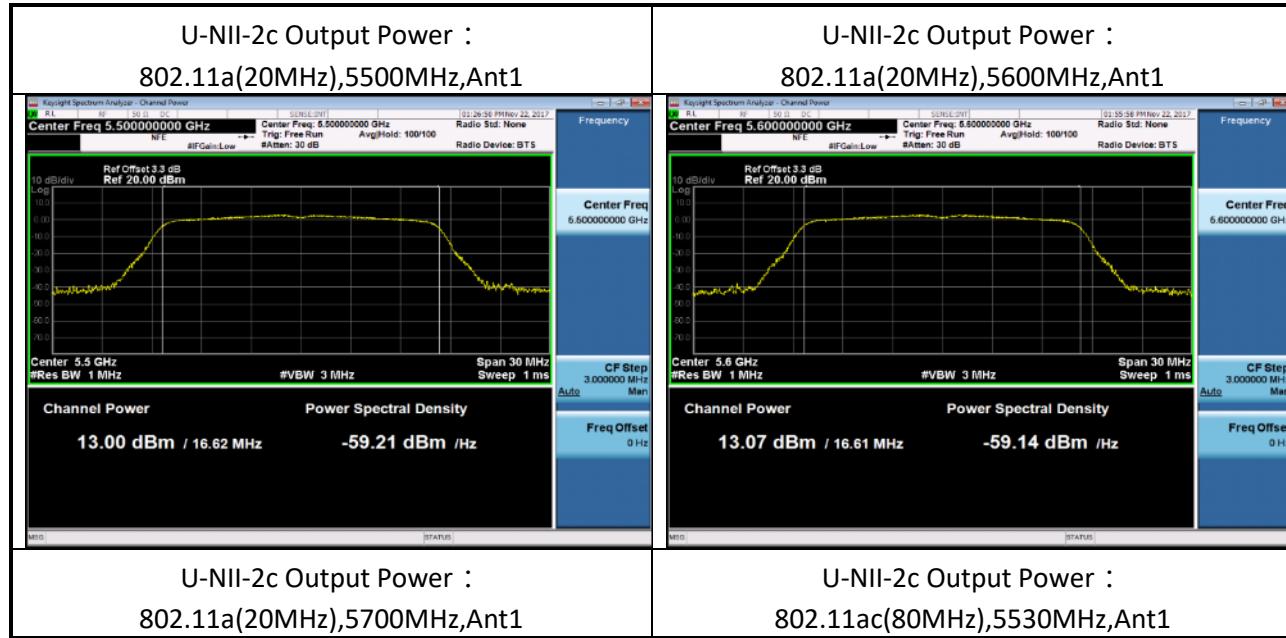
U-NII-2c AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Max Power (dBm)	Limit (dBm)	Result
802.11n(20MHz)	5500	Ant0	97.26	9.44	-	-
802.11n(20MHz)	5600	Ant0	97.38	9.58	-	-
802.11n(20MHz)	5700	Ant0	97.38	9.29	-	-
802.11n(40MHz)	5510	Ant0	94.88	13.19	-	-
802.11n(40MHz)	5590	Ant0	94.87	13.16	-	-
802.11n(40MHz)	5670	Ant0	94.88	13.47	-	-
802.11ac(80MHz)	5530	Ant0	84.24	14.44	-	-
802.11ac(80MHz)	5610	Ant0	84.22	14.62	-	-

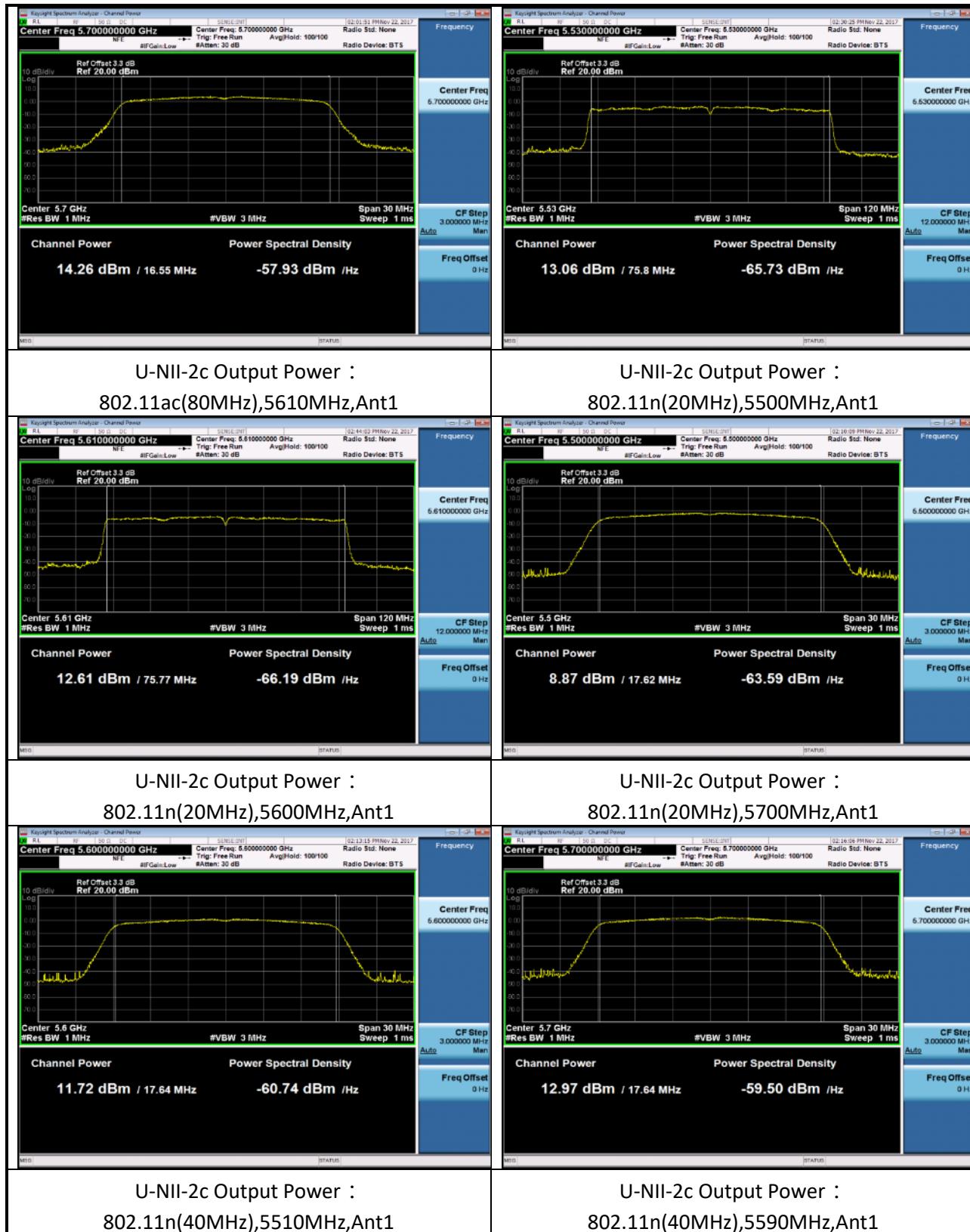
MIMO mode:

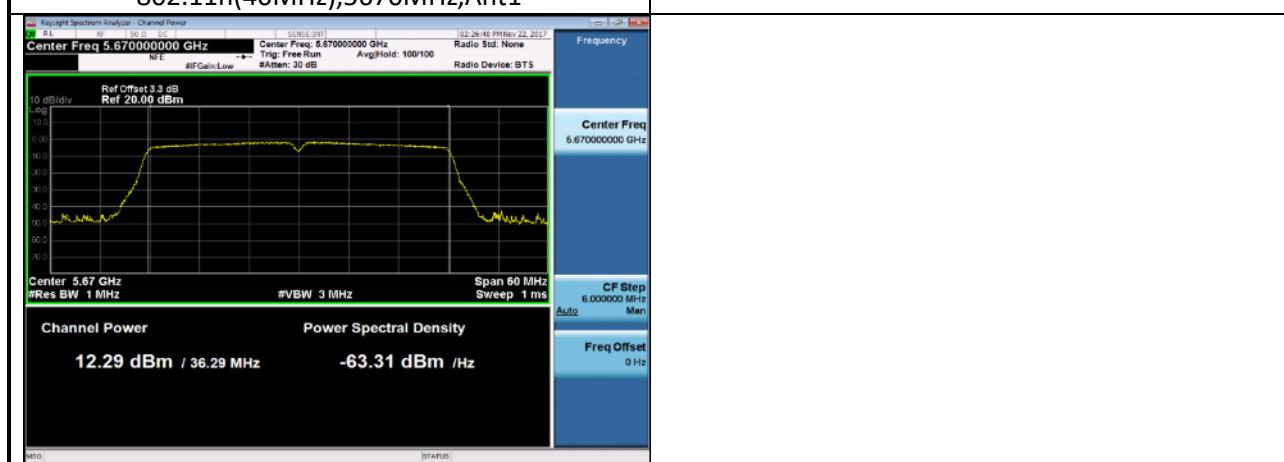
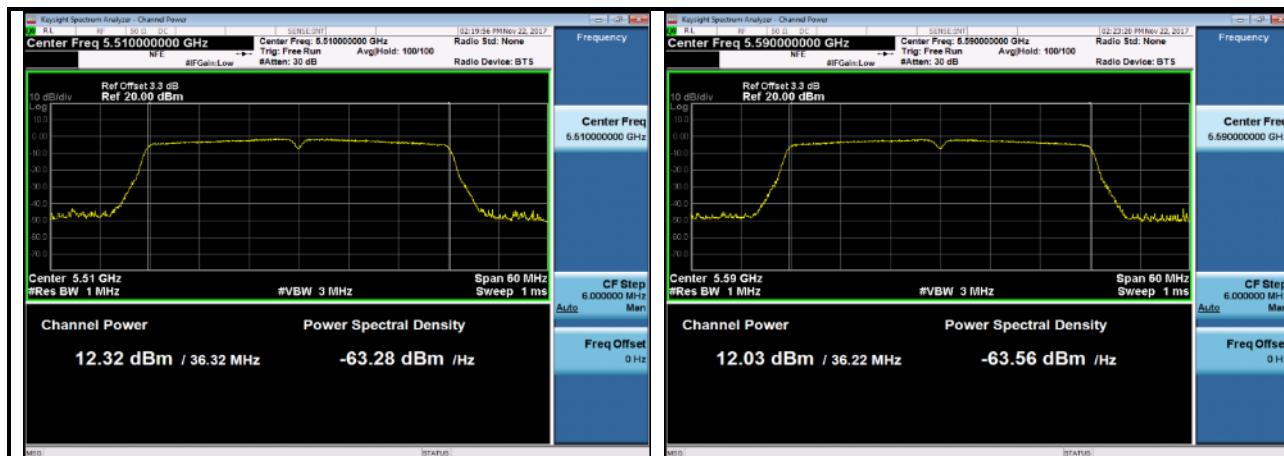
U-NII-2c AVGSA Output Power					
Mode	Test Frequency (MHz)	Ant	Max Power (dBm)	Limit (dBm)	Result
802.11n(20MHz)	5500	0+1	12.23	24	Pass
802.11n(20MHz)	5600	0+1	13.87	24	Pass
802.11n(20MHz)	5700	0+1	14.60	24	Pass
802.11n(40MHz)	5510	0+1	15.89	24	Pass
802.11n(40MHz)	5590	0+1	15.74	24	Pass
802.11n(40MHz)	5670	0+1	16.03	24	Pass
802.11ac(80MHz)	5530	0+1	17.15	24	Pass
802.11ac(80MHz)	5610	0+1	17.05	24	Pass

14.2 Test Plots

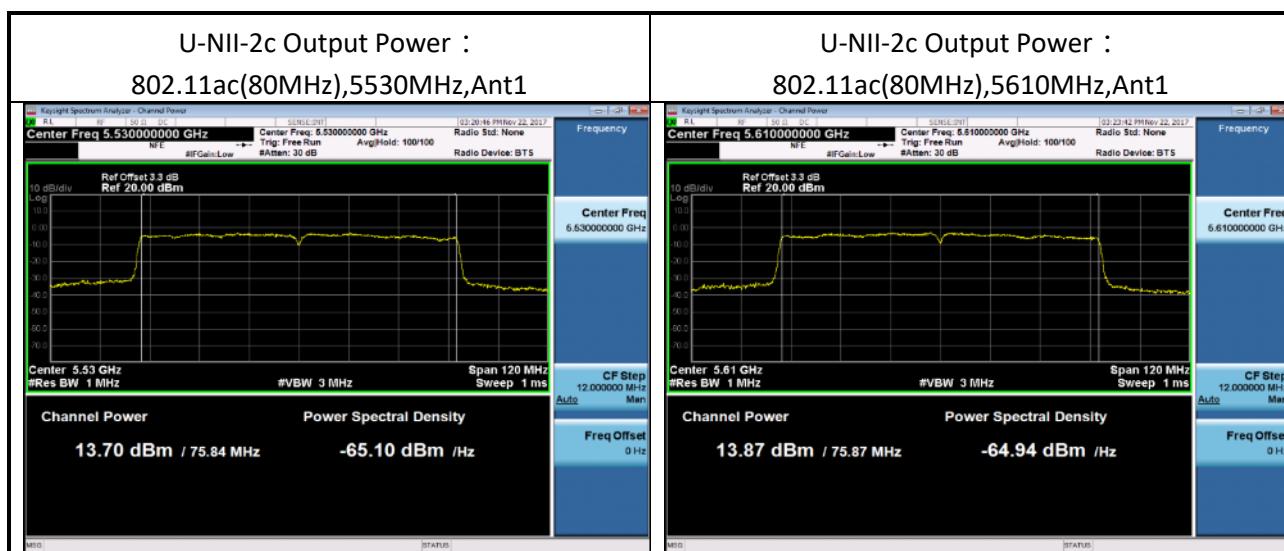
ANT 1:

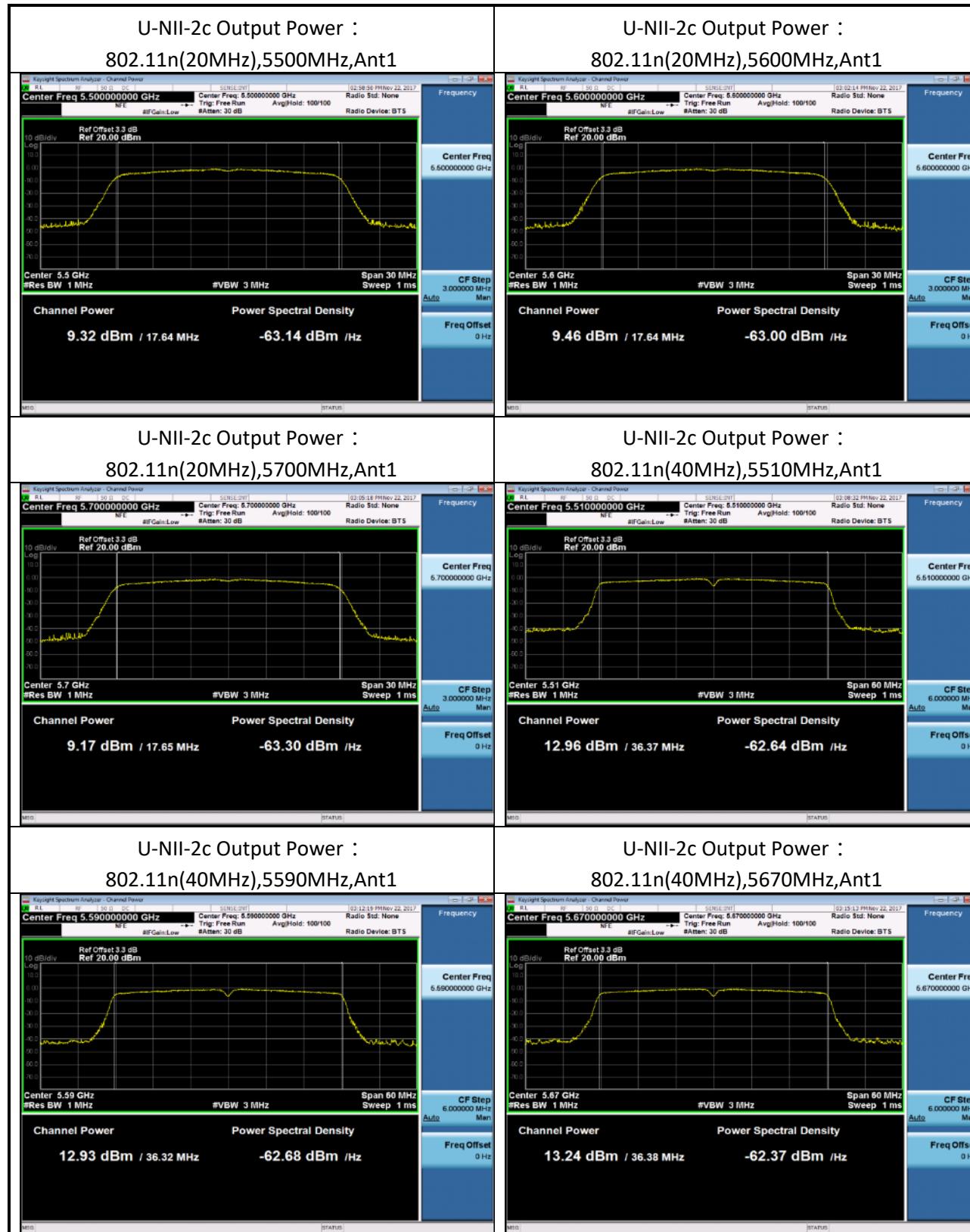






ANT 0:





15. Power spectral density

15.1 Test Data

ANT 1:

U-NII-2c AVGSA Power Spectral Density						
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11n(20MHz)	5500	Ant1	97.26	-0.99	-	-
802.11n(20MHz)	5600	Ant1	97.38	1.62	-	-
802.11n(20MHz)	5700	Ant1	97.38	3.05	-	-
802.11n(40MHz)	5510	Ant1	94.87	-0.97	-	-
802.11n(40MHz)	5590	Ant1	94.88	-1.31	-	-
802.11n(40MHz)	5670	Ant1	94.88	-1.01	-	-
802.11ac(80MHz)	5530	Ant1	84.18	-2.74	-	-
802.11ac(80MHz)	5610	Ant1	84.22	-3.48	-	-
802.11a(20MHz)	5500	Ant1	97.55	3.27	11	Pass
802.11a(20MHz)	5600	Ant1	97.55	3.05	11	Pass
802.11a(20MHz)	5700	Ant1	97.55	4.43	11	Pass

ANT 0:

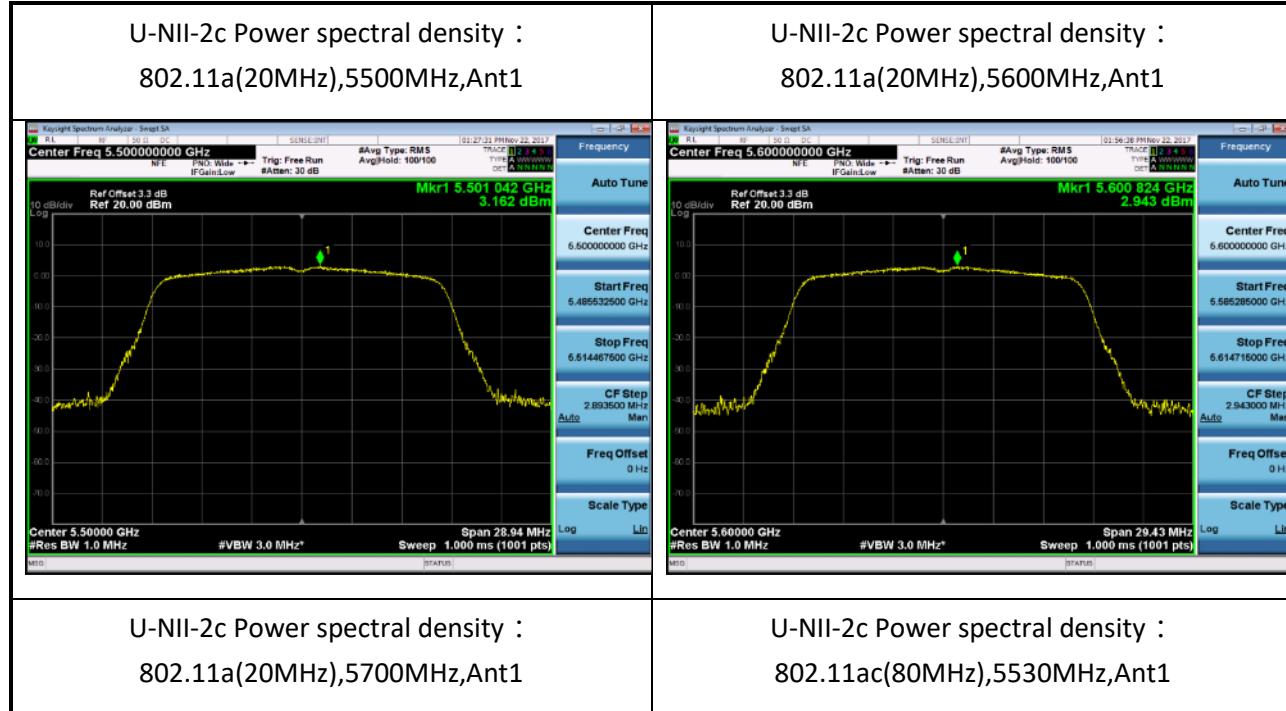
U-NII-2c AVGSA Power Spectral Density						
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11n(20MHz)	5500	Ant0	97.26	-0.64	-	-
802.11n(20MHz)	5600	Ant0	97.38	-0.57	-	-
802.11n(20MHz)	5700	Ant0	97.38	-0.84	-	-
802.11n(40MHz)	5510	Ant0	94.88	-0.34	-	-
802.11n(40MHz)	5590	Ant0	94.87	-0.49	-	-
802.11n(40MHz)	5670	Ant0	94.88	-0.20	-	-
802.11ac(80MHz)	5530	Ant0	84.24	-2.21	-	-
802.11ac(80MHz)	5610	Ant0	84.22	-2.55	-	-

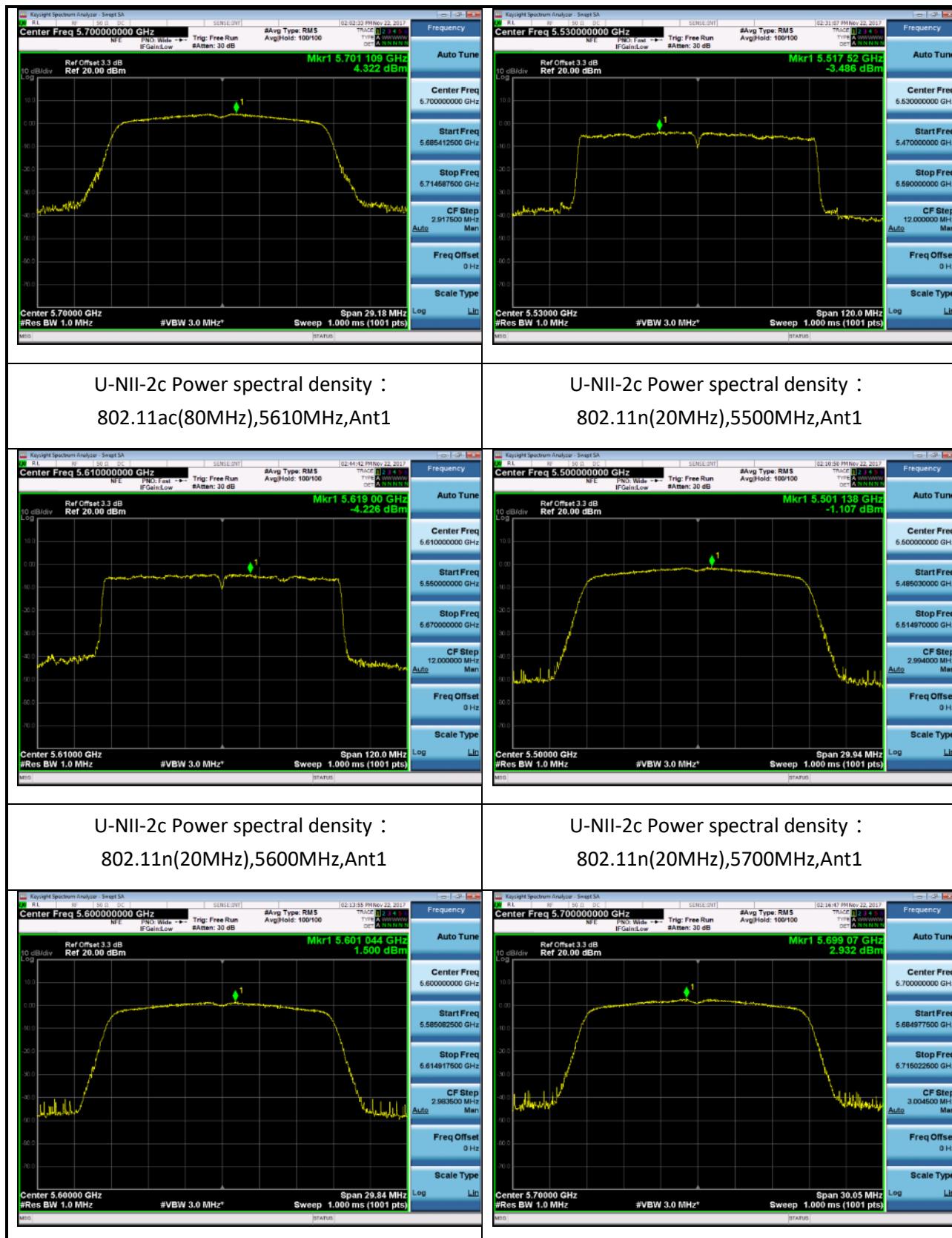
MIMO mode:

U-NII-2c AVGSA Power Spectral Density					
Mode	Test Frequency (MHz)	Ant	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11n(20MHz)	5500	0+1	2.20	11	Pass
802.11n(20MHz)	5600	0+1	3.67	11	Pass
802.11n(20MHz)	5700	0+1	4.54	11	Pass
802.11n(40MHz)	5510	0+1	2.37	11	Pass
802.11n(40MHz)	5590	0+1	2.13	11	Pass
802.11n(40MHz)	5670	0+1	2.42	11	Pass
802.11ac(80MHz)	5530	0+1	0.54	11	Pass
802.11ac(80MHz)	5610	0+1	0.02	11	Pass

15.2 Test Plots

ANT 1:





U-NII-2c Power spectral density :
802.11n(40MHz),5510MHz,Ant1



U-NII-2c Power spectral density :
802.11n(40MHz),5590MHz,Ant1



U-NII-2c Power spectral density :
802.11n(40MHz),5670MHz,Ant1

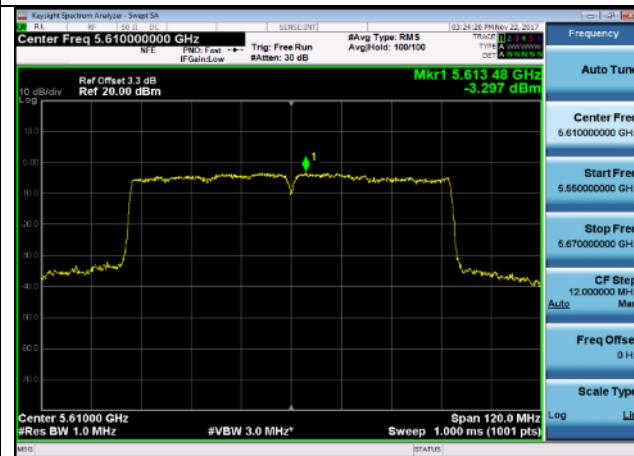


ANT 0:

U-NII-2c Power spectral density :
802.11ac(80MHz),5530MHz,Ant0



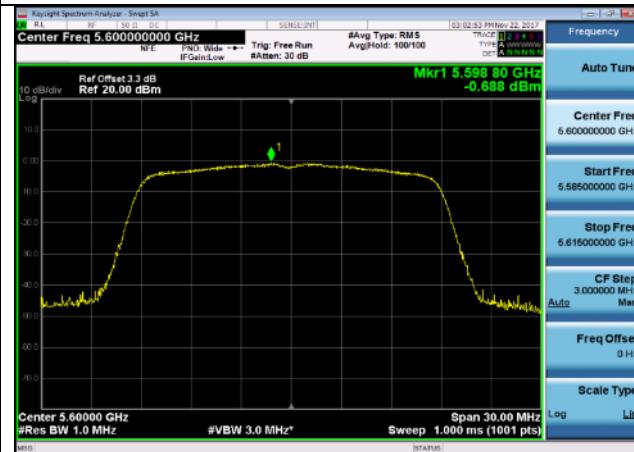
U-NII-2c Power spectral density :
802.11ac(80MHz),5610MHz,Ant0



U-NII-2c Power spectral density :
802.11n(20MHz),5500MHz,Ant0

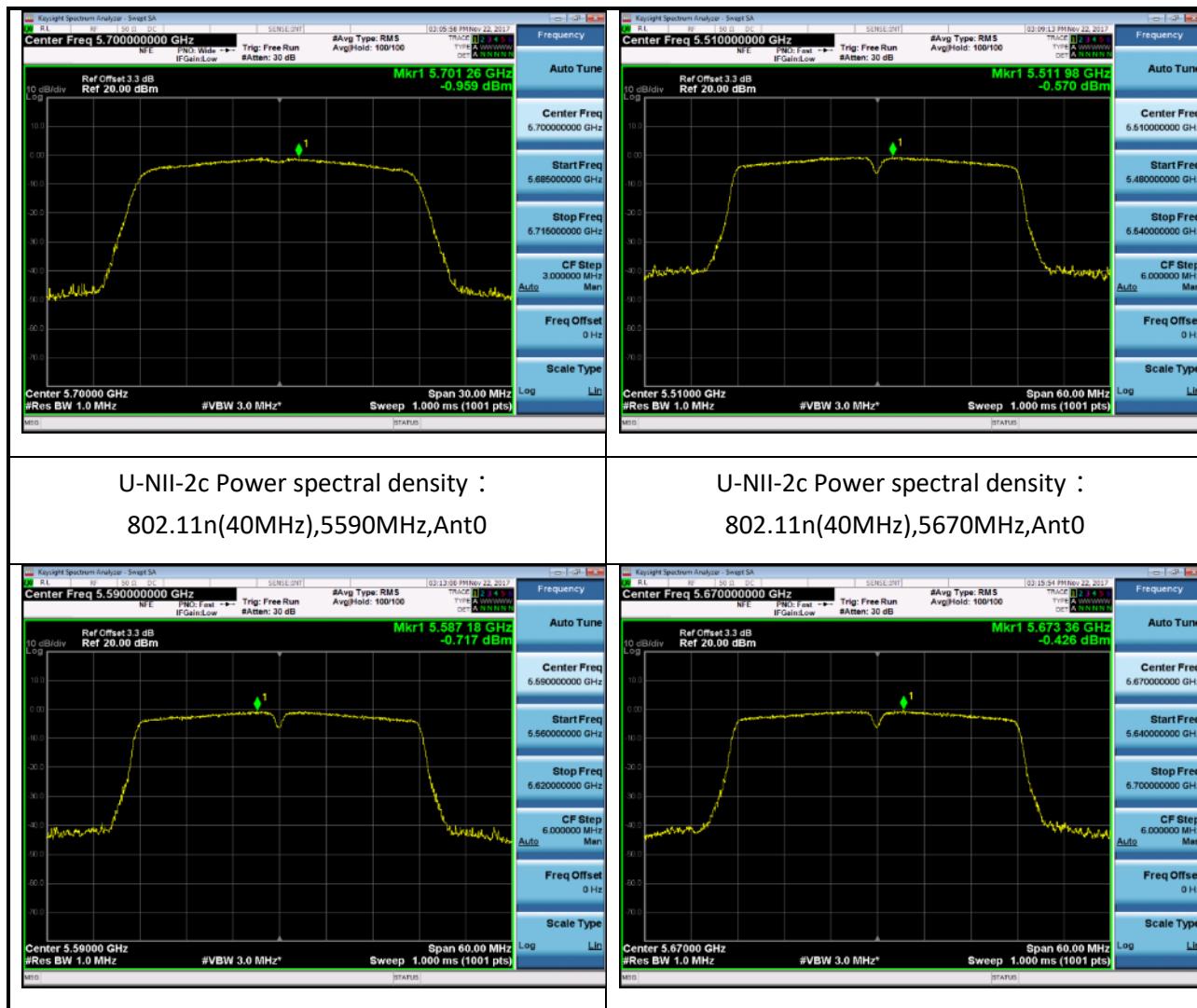


U-NII-2c Power spectral density :
802.11n(20MHz),5600MHz,Ant0



U-NII-2c Power spectral density :
802.11n(20MHz),5700MHz,Ant0

U-NII-2c Power spectral density :
802.11n(40MHz),5510MHz,Ant0



U-NII-3

16. Duty Cycle

16.1 Test Data

ANT 1:

U-NII-3 Duty Cycle			
Mode	Test Frequency(MHz)	Duty Cycle(%)	Result
802.11n(20MHz)	5745	97.38	-
802.11n(20MHz)	5785	97.38	-
802.11n(20MHz)	5825	97.26	-
802.11n(40MHz)	5755	94.88	-
802.11n(40MHz)	5795	94.88	-
802.11ac(80MHz)	5775	84.22	-
802.11a(20MHz)	5745	97.55	-
802.11a(20MHz)	5785	97.55	-
802.11a(20MHz)	5825	97.55	-

ANT 0:

U-NII-3 Duty Cycle			
Mode	Test Frequency(MHz)	Duty Cycle(%)	Result
802.11n(20MHz)	5745	97.38	-
802.11n(20MHz)	5785	97.38	-
802.11n(20MHz)	5825	97.38	-
802.11n(40MHz)	5755	94.87	-
802.11n(40MHz)	5795	94.88	-
802.11ac(80MHz)	5775	84.13	-

16.2 Test Plots

ANT 1: