

U-NII-2a,802.11n(HT40),5310MHz,Ant0

U-NII-2a,802.11n(HT40),5310MHz,Ant1

U-NII-2a,802.11ac(VHT80),5290MHz,Ant0

U-NII-2a,802.11ac(VHT80),5290MHz,Ant1

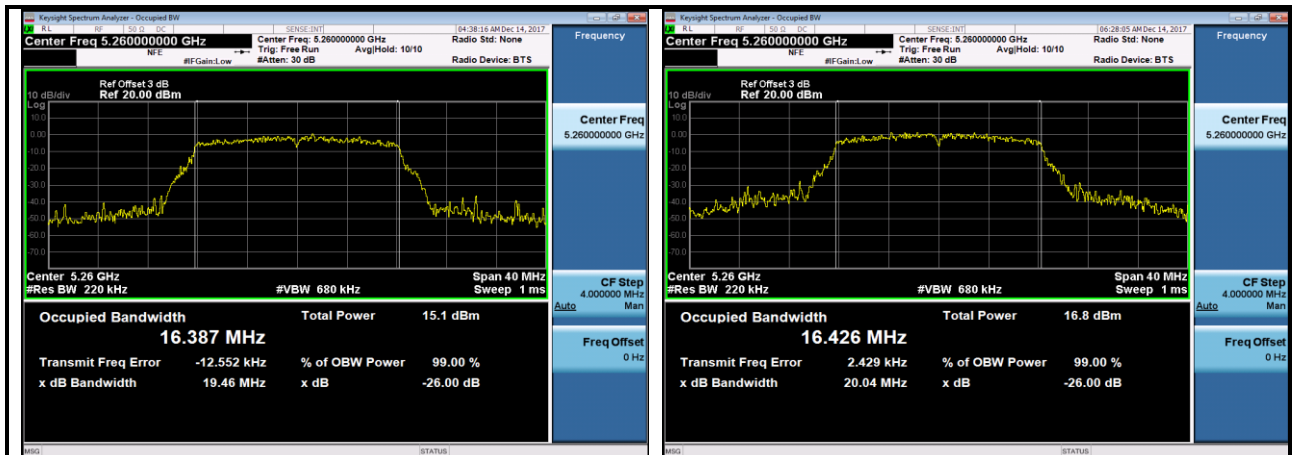
2. 26 dB bandwidth

2.1 Test Data

U-NII-2a Occupied N dB Bandwidth				
Mode	Test Frequency(MHz)	Ant	26dB Occupied Bandwidth(MHz)	Note
802.11a	5260	Ant0	19.46	-
802.11a	5260	Ant1	20.04	-
802.11a	5300	Ant0	19.34	-
802.11a	5300	Ant1	19.17	-
802.11a	5320	Ant0	19.77	-
802.11a	5320	Ant1	19.76	-
802.11n(HT20)	5260	Ant0	20.20	-
802.11n(HT20)	5260	Ant1	20.04	-
802.11n(HT20)	5300	Ant0	19.90	-
802.11n(HT20)	5300	Ant1	19.79	-
802.11n(HT20)	5320	Ant0	20.00	-
802.11n(HT20)	5320	Ant1	19.92	-
802.11n(HT40)	5270	Ant0	40.52	-
802.11n(HT40)	5270	Ant1	40.74	-
802.11n(HT40)	5310	Ant0	40.17	-
802.11n(HT40)	5310	Ant1	40.24	-
802.11ac(VHT80)	5290	Ant0	80.53	-
802.11ac(VHT80)	5290	Ant1	80.77	-

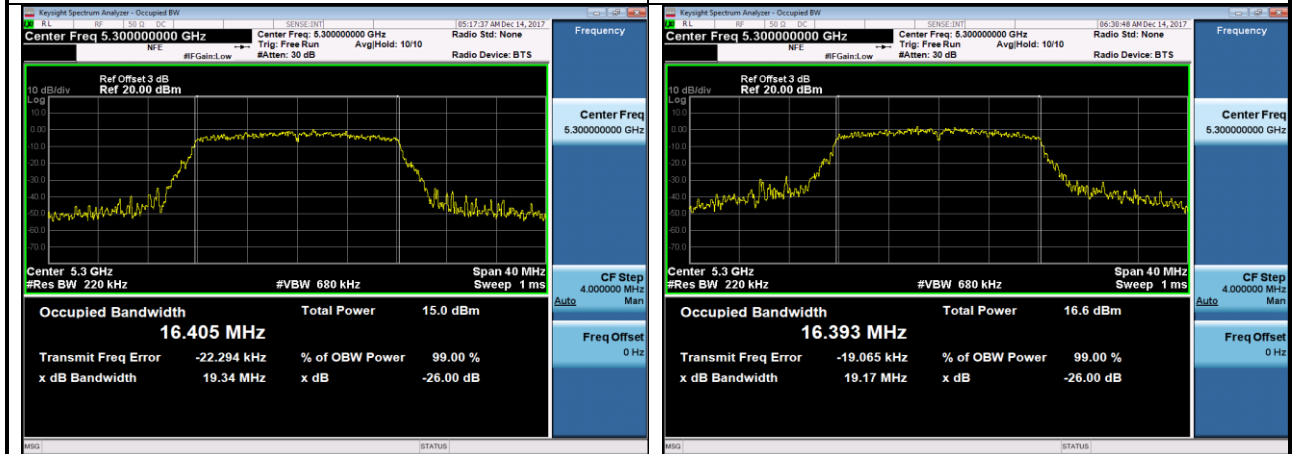
2.2 Test Plots

U-NII-2a,802.11a,5260MHz,Ant0	U-NII-2a,802.11a,5260MHz,Ant1
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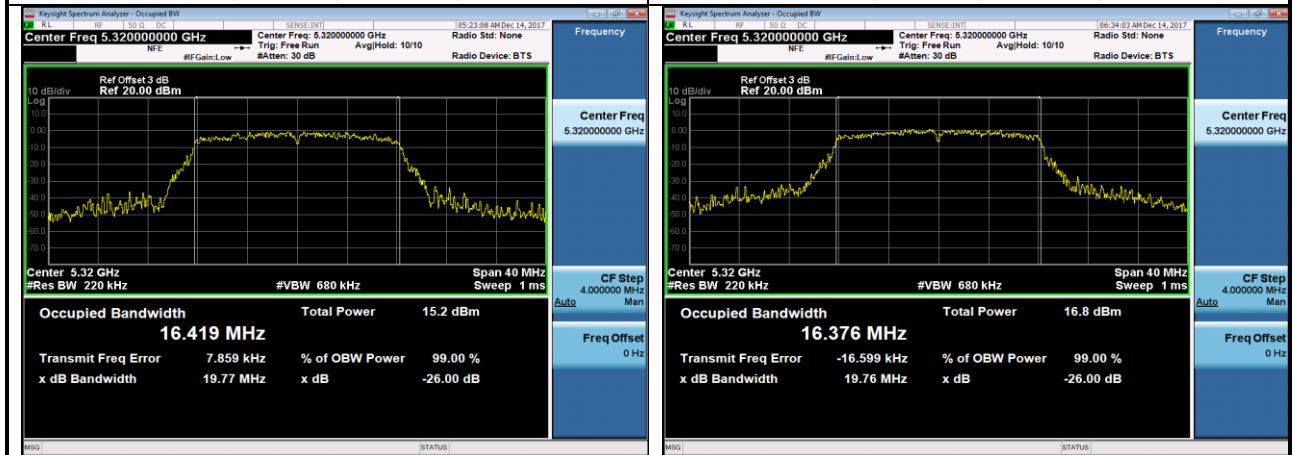
U-NII-2a,802.11a,5300MHz,Ant0

U-NII-2a,802.11a,5300MHz,Ant1



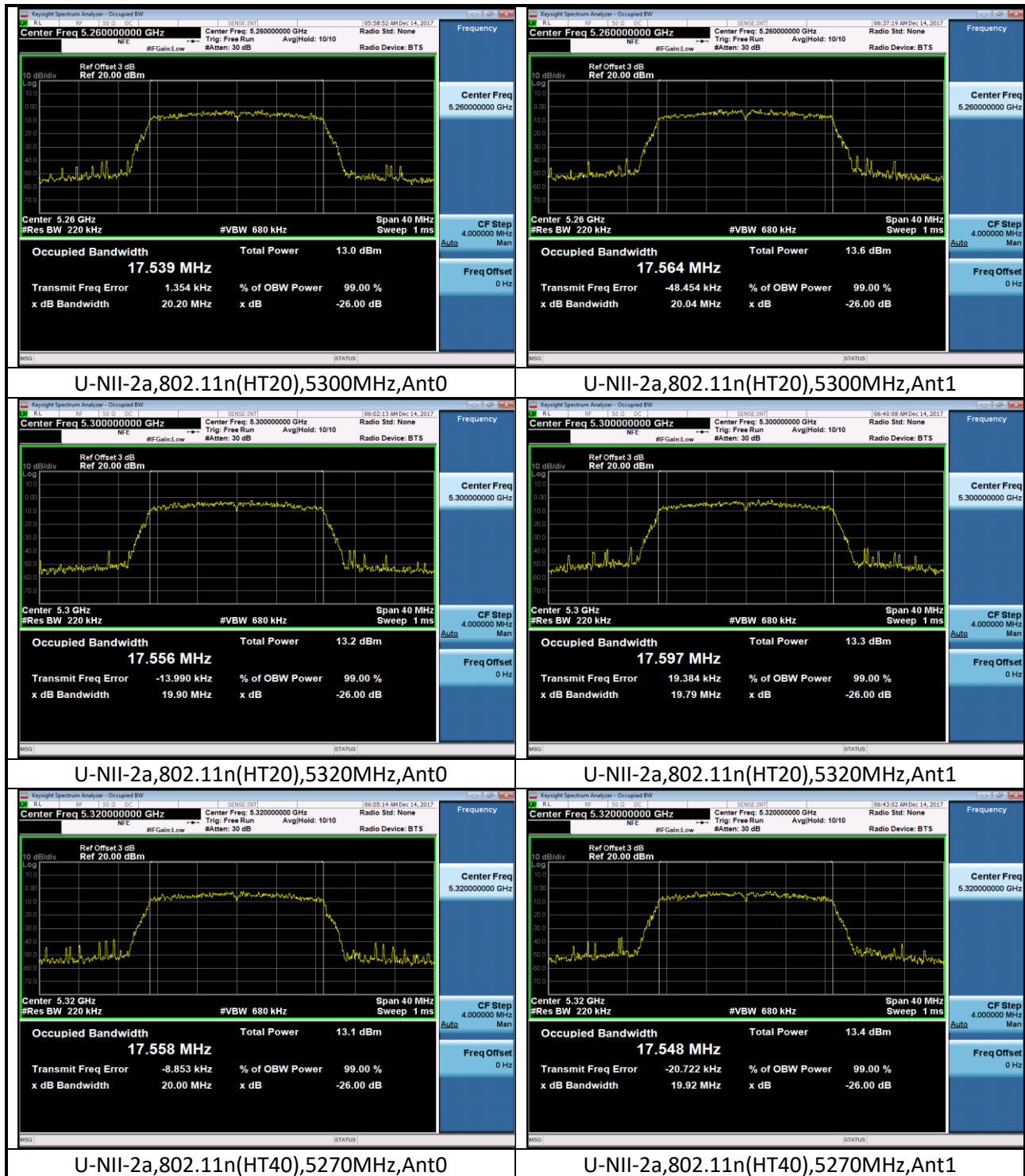
U-NII-2a,802.11a,5320MHz,Ant0

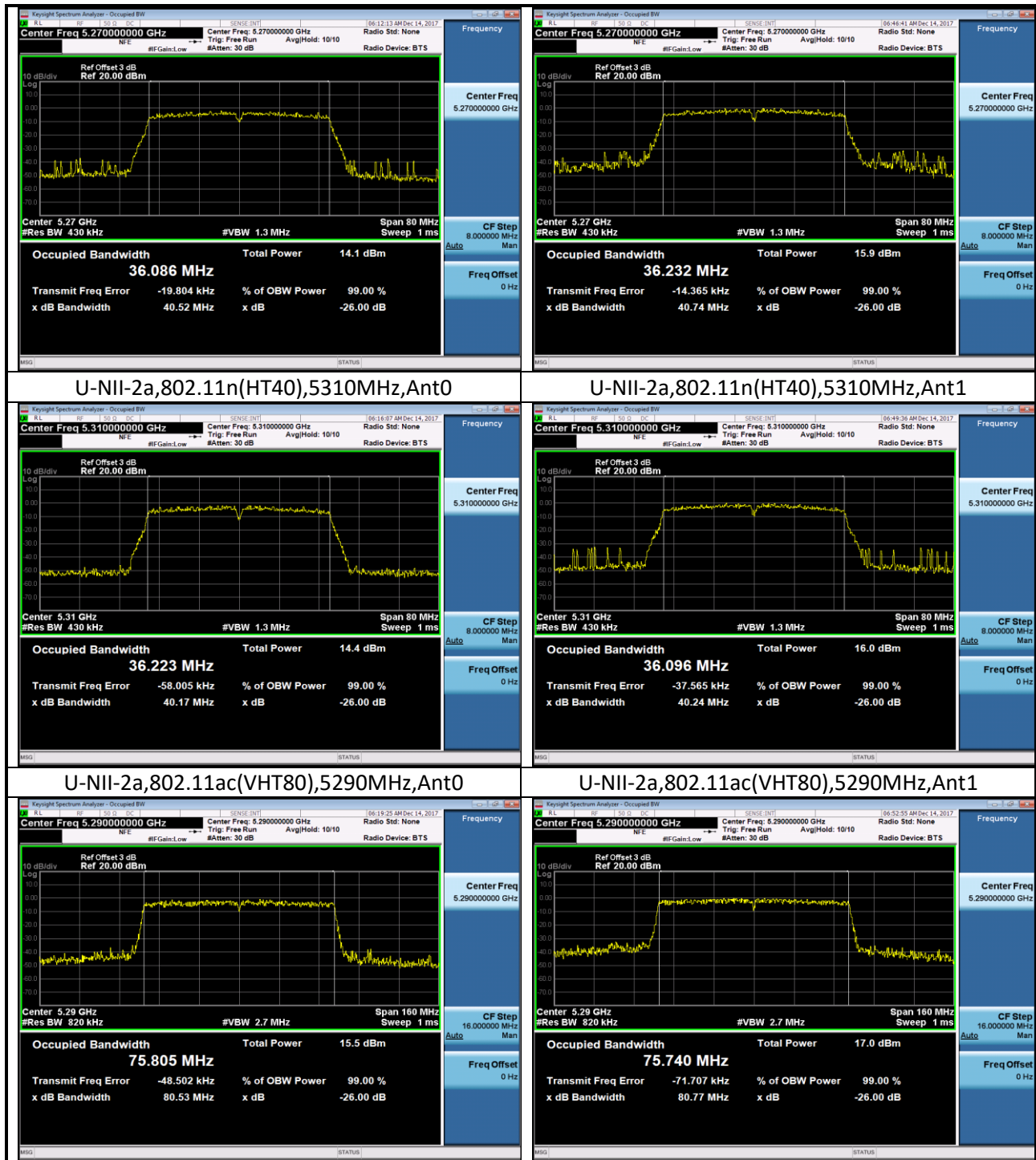
U-NII-2a,802.11a,5320MHz,Ant1



U-NII-2a,802.11n(HT20),5260MHz,Ant0

U-NII-2a,802.11n(HT20),5260MHz,Ant1





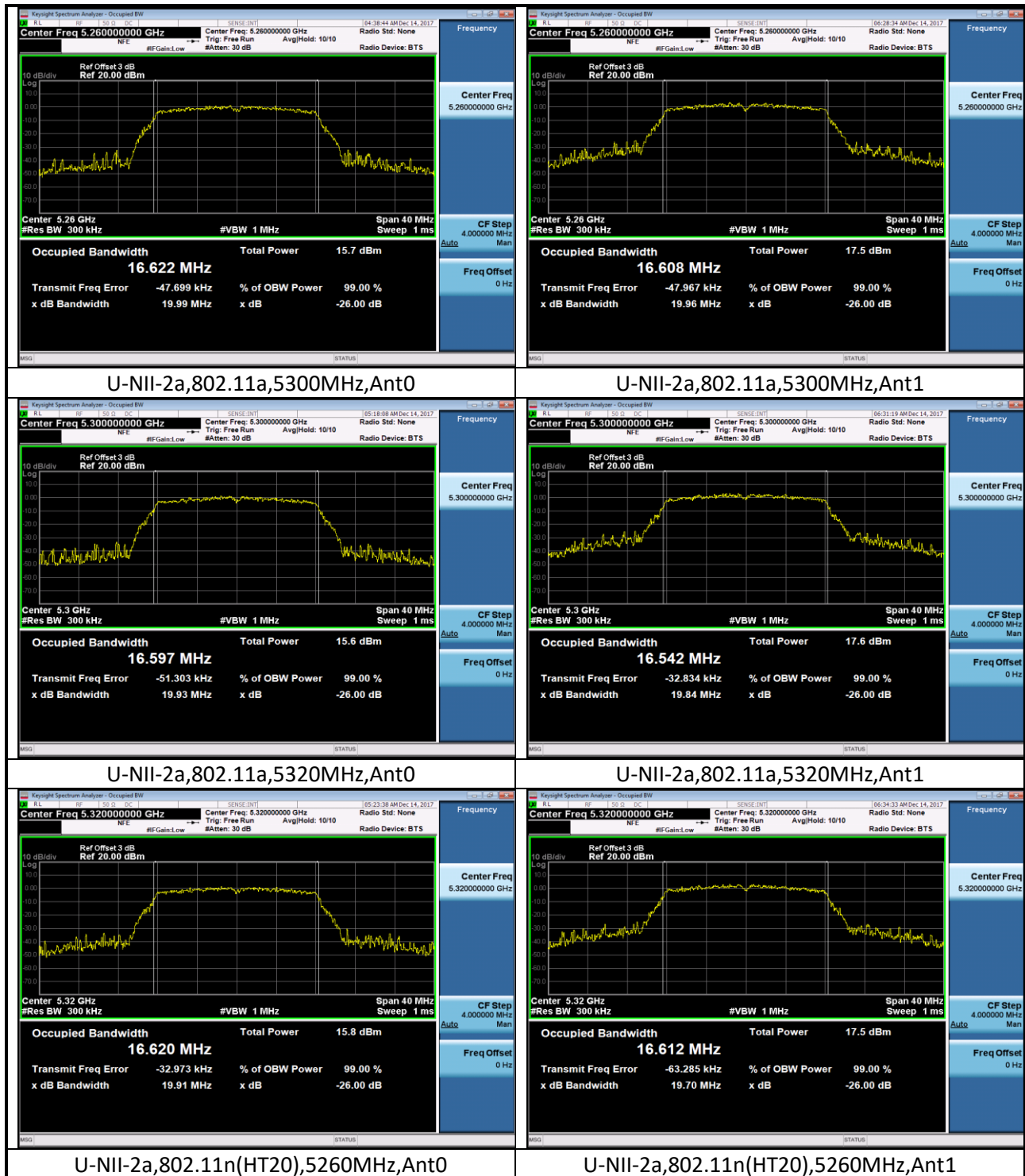
### 3. 99% Occupied Bandwidth

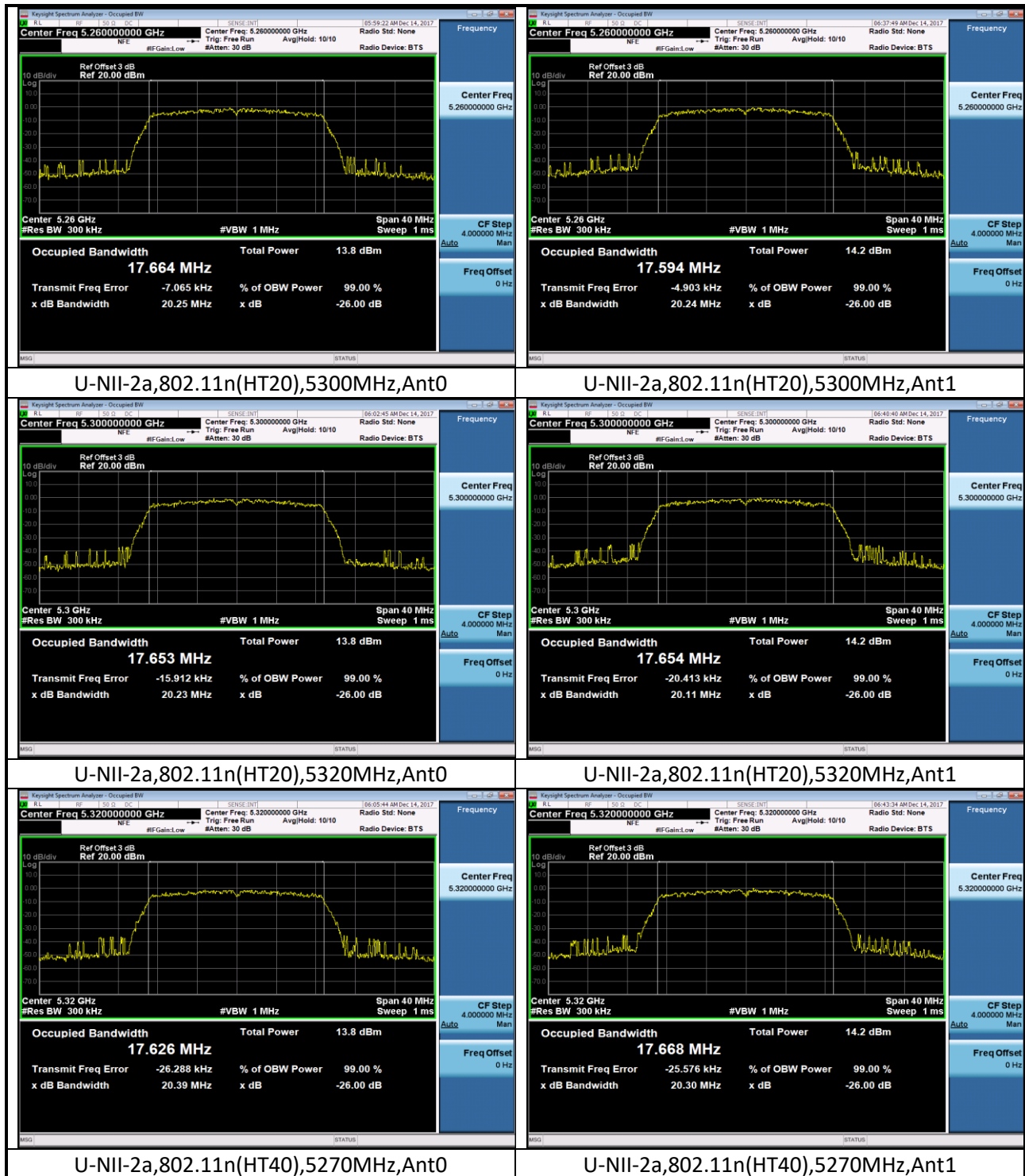
#### 3.1 Test Data

U-NII-2a 99% Occupied Bandwidth				
Mode	Test Frequency(MHz)	Ant	99% Occupied Bandwidth(MHz)	Note
802.11a	5260	Ant0	16.622	-
802.11a	5260	Ant1	16.608	-
802.11a	5300	Ant0	16.597	-
802.11a	5300	Ant1	16.542	-
802.11a	5320	Ant0	16.620	-
802.11a	5320	Ant1	16.612	-
802.11n(HT20)	5260	Ant0	17.664	-
802.11n(HT20)	5260	Ant1	17.594	-
802.11n(HT20)	5300	Ant0	17.653	-
802.11n(HT20)	5300	Ant1	17.654	-
802.11n(HT20)	5320	Ant0	17.626	-
802.11n(HT20)	5320	Ant1	17.668	-
802.11n(HT40)	5270	Ant0	36.286	-
802.11n(HT40)	5270	Ant1	36.297	-
802.11n(HT40)	5310	Ant0	36.258	-
802.11n(HT40)	5310	Ant1	36.293	-
802.11ac(VHT80)	5290	Ant0	75.627	-
802.11ac(VHT80)	5290	Ant1	75.888	-

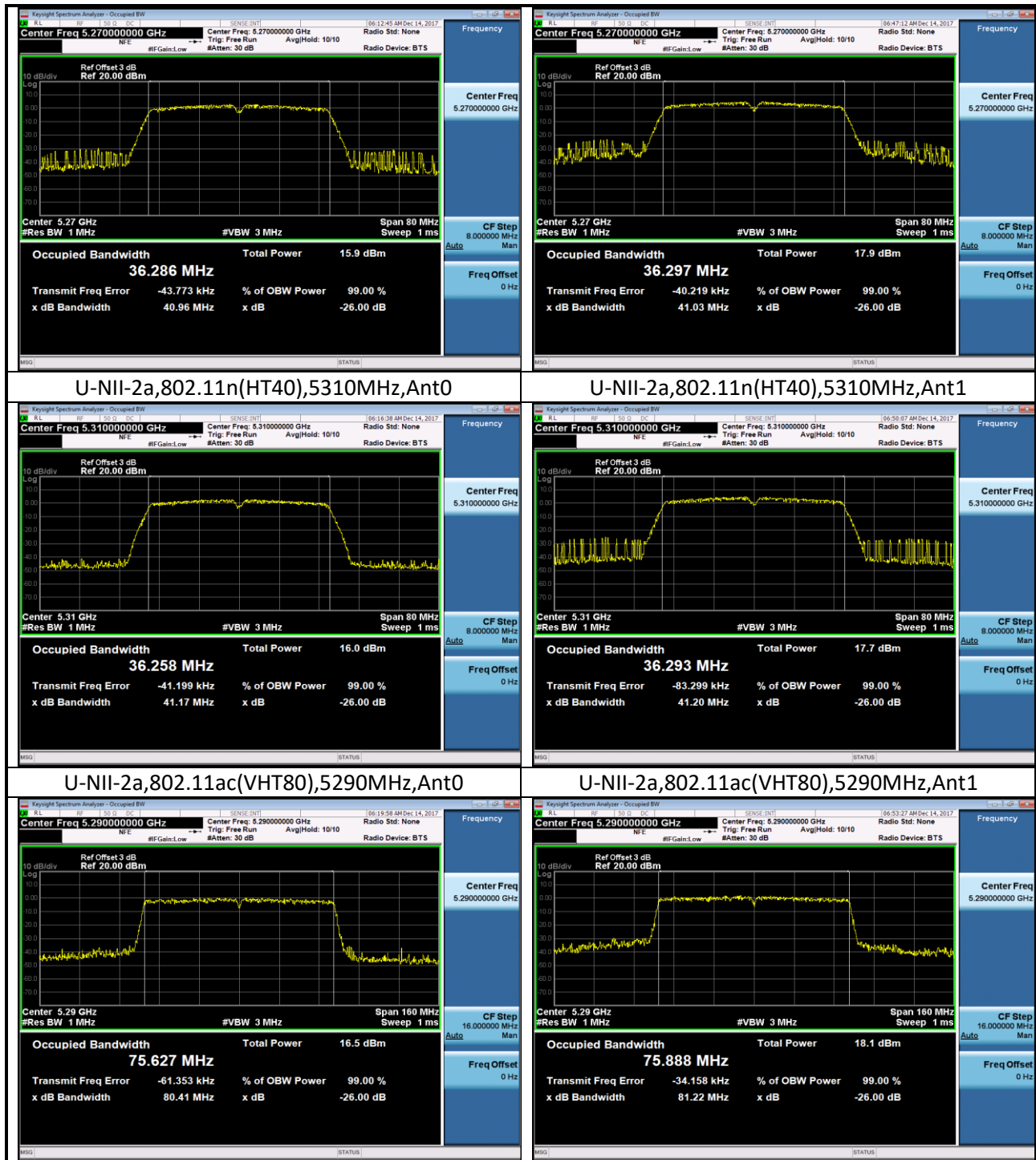
#### 3.2 Test Plots

U-NII-2a,802.11a,5260MHz,Ant0	U-NII-2a,802.11a,5260MHz,Ant1
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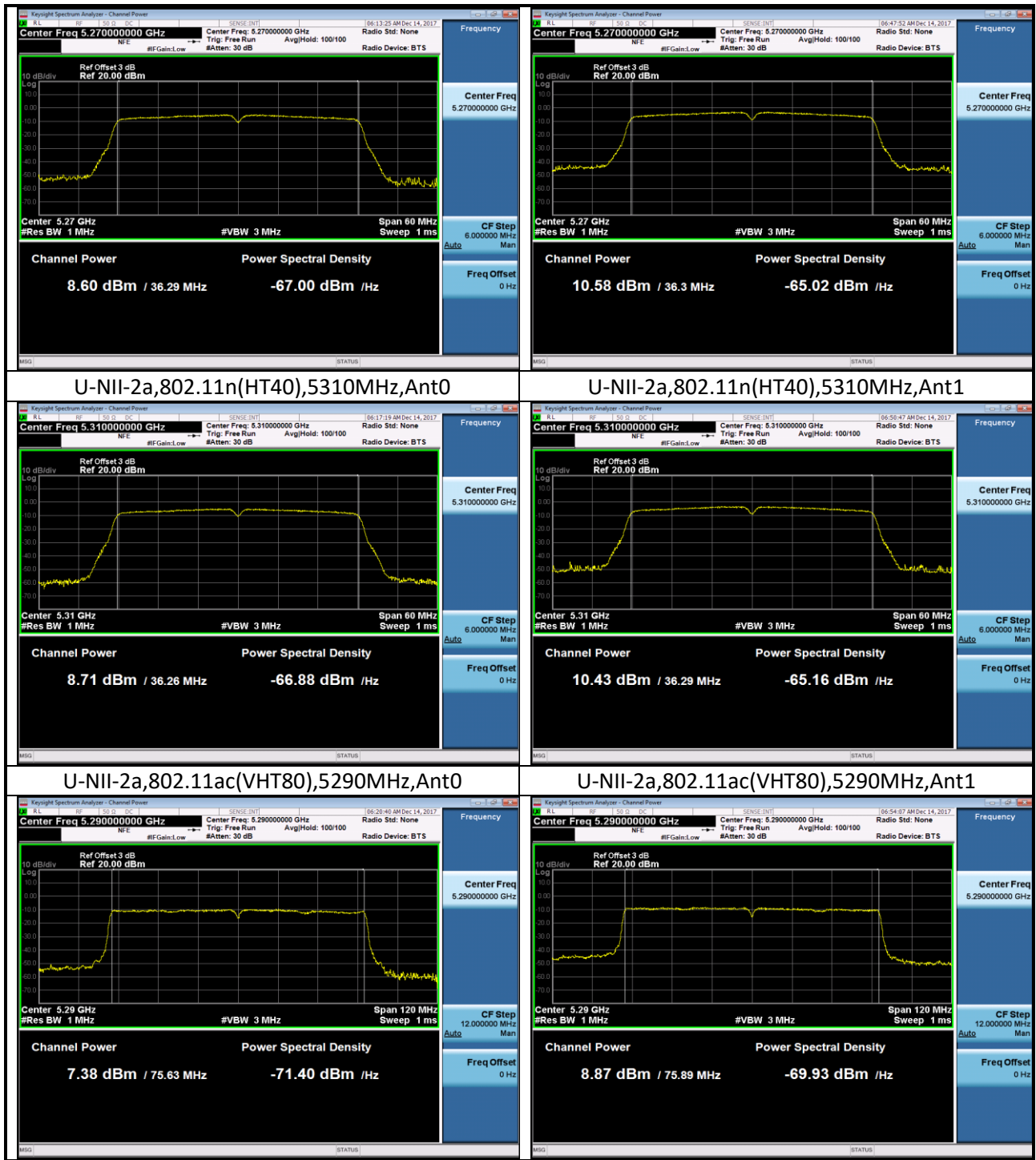
4. Maximum conducted output power and e.i.r.p

4.1 Test Data

U-NII-2a AVGSA Output Power							
Mode	Test Frequency(MHz)	Ant	Duty Cycle Factor (dB)	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11a	5260	Ant0	0.11	12.02	12.02	24	Pass
802.11a	5260	Ant1	0.11	13.74	13.74	24	Pass
802.11a	5300	Ant0	0.11	11.91	11.91	24	Pass
802.11a	5300	Ant1	0.10	13.64	13.64	24	Pass
802.11a	5320	Ant0	0.11	11.98	11.98	24	Pass
802.11a	5320	Ant1	0.10	13.57	13.57	24	Pass
802.11n(HT20)	5260	Ant0	0.12	10.02	13.19	24	Pass
802.11n(HT20)	5260	Ant1	0.11	10.34			
802.11n(HT20)	5300	Ant0	0.12	9.81	13.02	24	Pass
802.11n(HT20)	5300	Ant1	0.12	10.21			
802.11n(HT20)	5320	Ant0	0.12	9.88	13.06	24	Pass
802.11n(HT20)	5320	Ant1	0.12	10.22			
802.11n(HT40)	5270	Ant0	0.22	8.82	12.93	24	Pass
802.11n(HT40)	5270	Ant1	0.22	10.80			
802.11n(HT40)	5310	Ant0	0.24	8.95	12.89	24	Pass
802.11n(HT40)	5310	Ant1	0.22	10.65			
802.11ac(VHT80)	5290	Ant0	0.75	8.13	11.95	24	Pass
802.11ac(VHT80)	5290	Ant1	0.75	9.62			

4.2 Test Plots

U-NII-2a,802.11n(HT40),5270MHz,Ant0	U-NII-2a,802.11n(HT40),5270MHz,Ant1
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5. Power spectral density

5.1 Test Data

U-NII-2a AVGSA Power Spectral Density							
Mode	Test Frequency(MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11a	5260	Ant0	0.11	-0.206	-0.206	11	Pass
802.11a	5260	Ant1	0.11	1.461	1.461	11	Pass
802.11a	5300	Ant0	0.11	-0.290	-0.290	11	Pass
802.11a	5300	Ant1	0.10	2.019	2.019	11	Pass
802.11a	5320	Ant0	0.11	-0.195	-0.195	11	Pass
802.11a	5320	Ant1	0.10	1.672	1.672	11	Pass
802.11n(HT20)	5260	Ant0	0.12	-2.091	0.957		
802.11n(HT20)	5260	Ant1	0.11	-2.016			
802.11n(HT20)	5300	Ant0	0.12	-2.496	0.758	11	Pass
802.11n(HT20)	5300	Ant1	0.12	-2.022			
802.11n(HT20)	5320	Ant0	0.12	-2.304	0.925	11	Pass
802.11n(HT20)	5320	Ant1	0.12	-1.877			
802.11n(HT40)	5270	Ant0	0.22	-4.684	-0.658	11	Pass
802.11n(HT40)	5270	Ant1	0.22	-2.846			
802.11n(HT40)	5310	Ant0	0.24	-4.663	-0.643	11	Pass
802.11n(HT40)	5310	Ant1	0.22	-2.834			
802.11ac(VHT80)	5290	Ant0	0.75	-8.728	-4.520	11	Pass
802.11ac(VHT80)	5290	Ant1	0.75	-6.593			

5.2 Test Plots

U-NII-2a,802.11a,5260MHz,Ant0	U-NII-2a,802.11a,5260MHz,Ant1
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