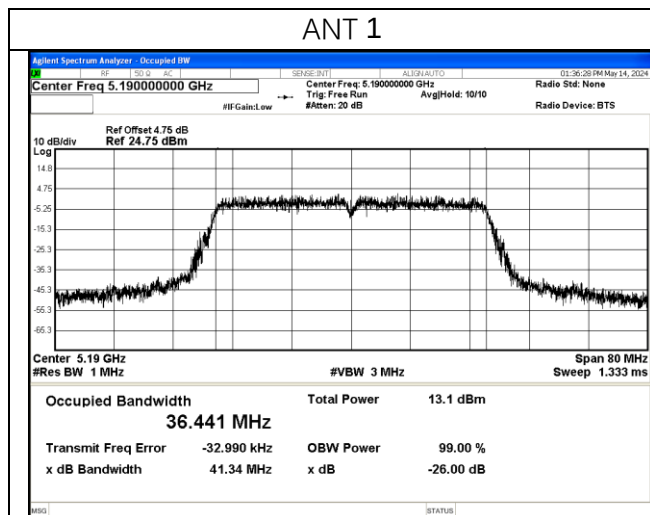


802.11n40 mode:

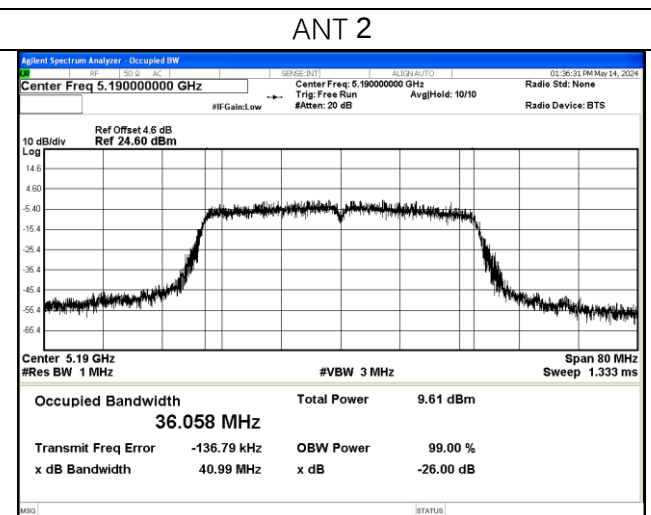
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
38	5190	36.441	41.34	36.058	40.99
46	5230	36.033	40.20	36.150	40.19
54	5270	36.176	40.59	36.034	40.81
62	5310	35.838	40.34	36.082	40.64
102	5510	36.417	41.32	36.036	41.02
110	5550	35.912	40.05	36.313	41.04
134	5670	36.163	41.24	36.080	40.53

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
151	5755	36.498	35.96	36.552	35.29
159	5795	36.539	36.29	36.480	35.85

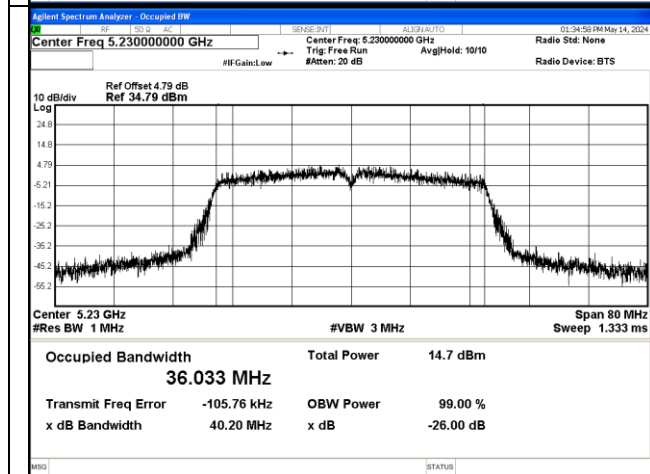
ANT 1



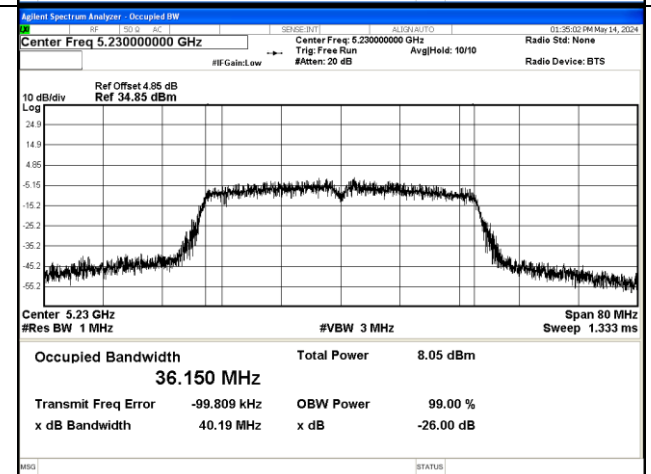
ANT 2

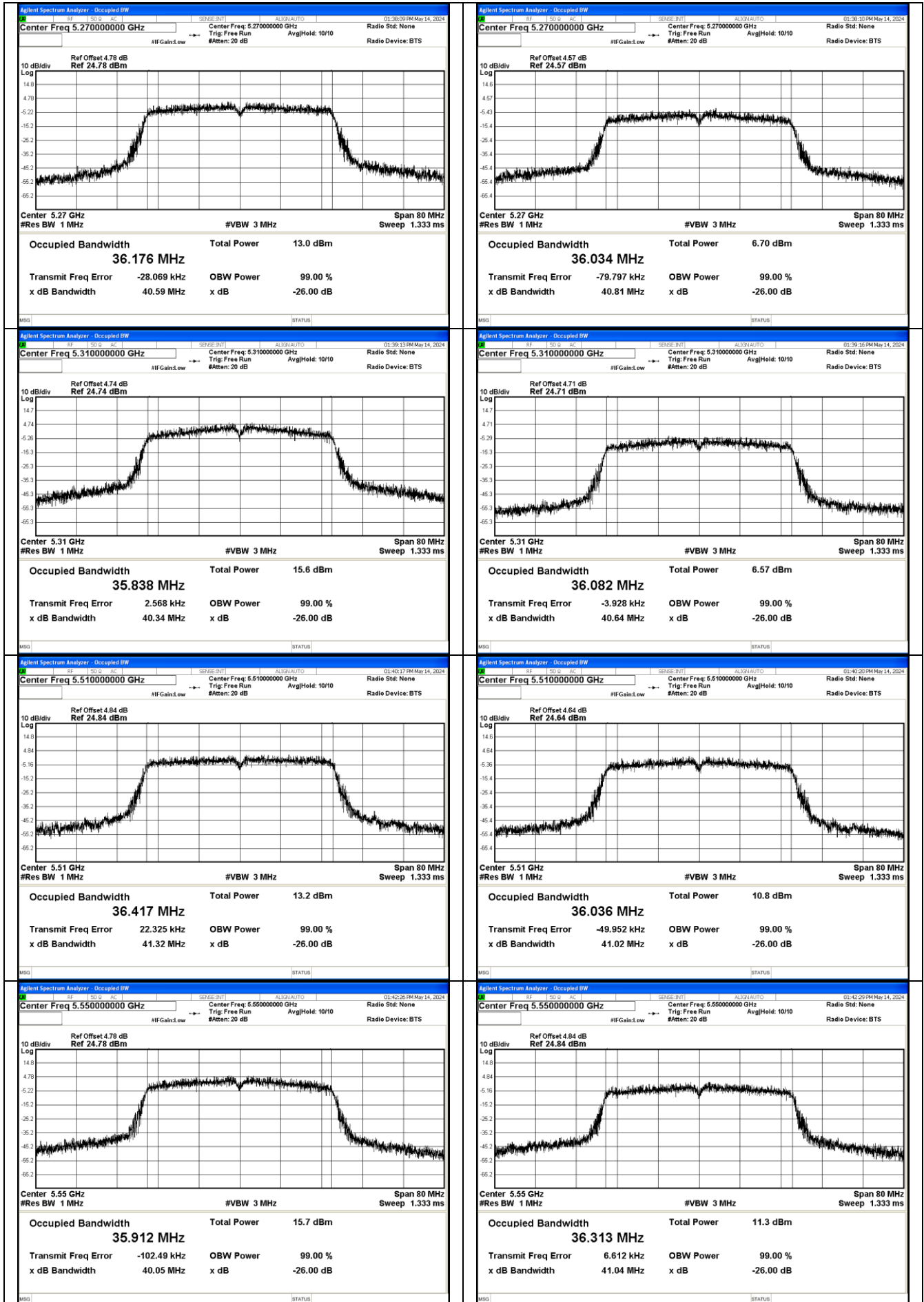


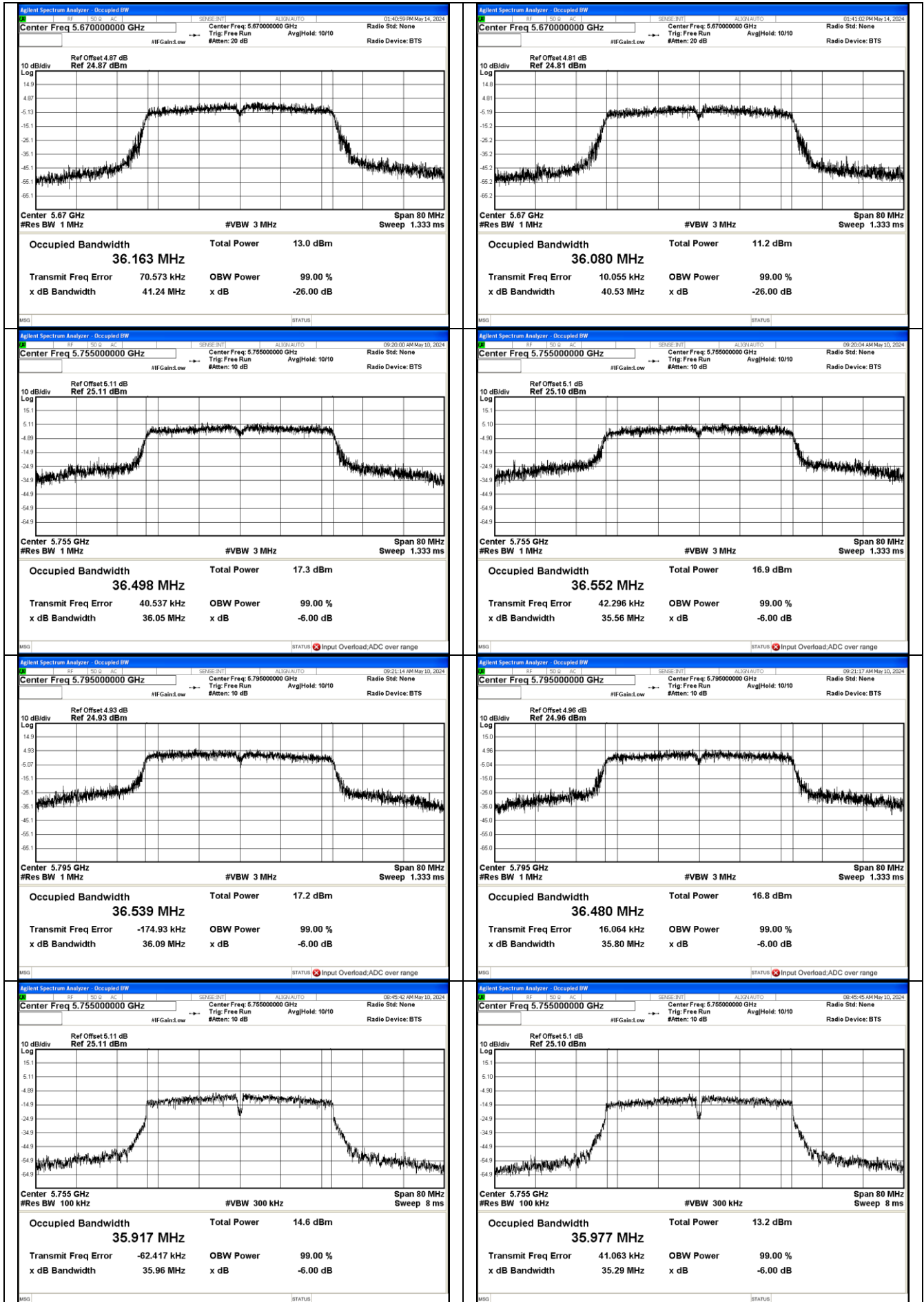
ANT 1

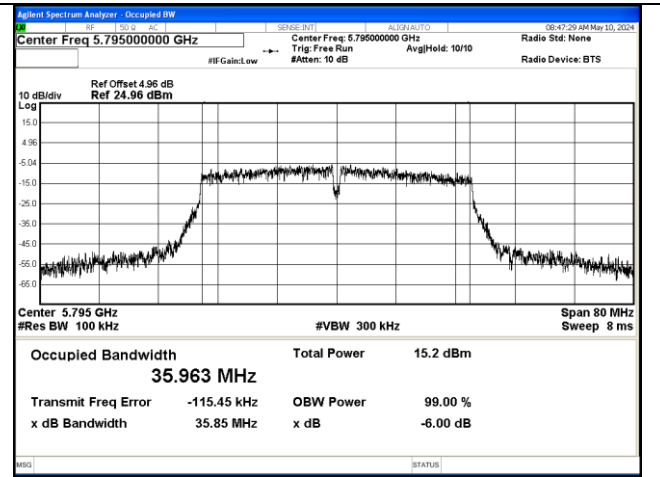
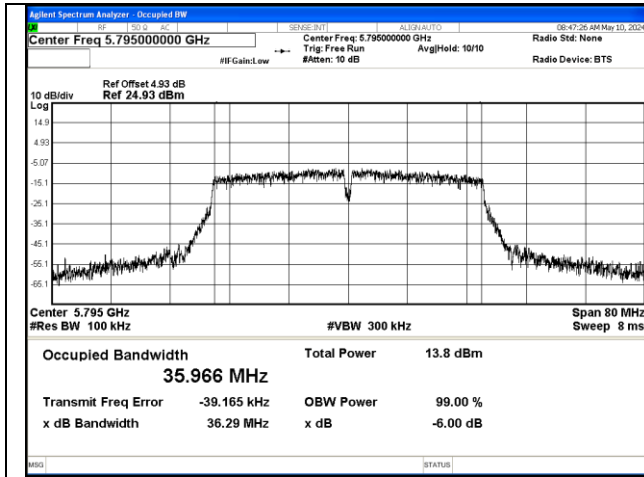


ANT 2





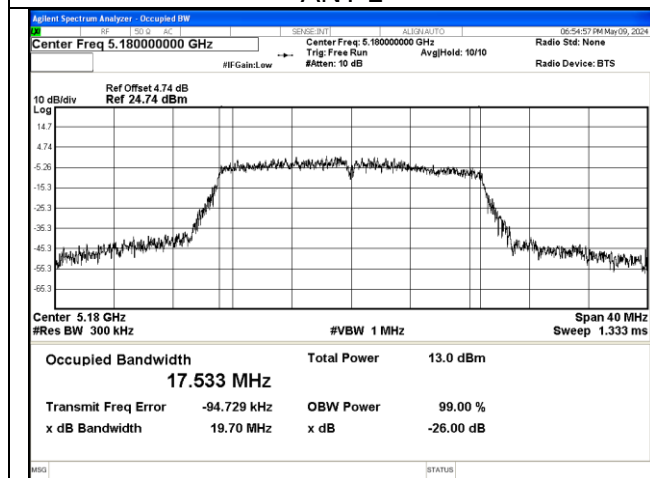
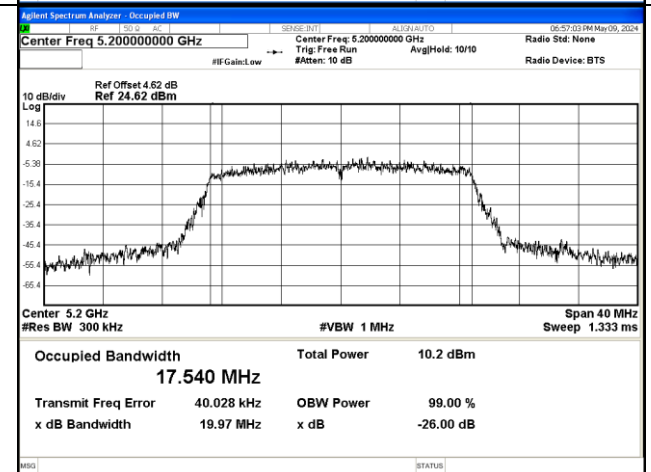
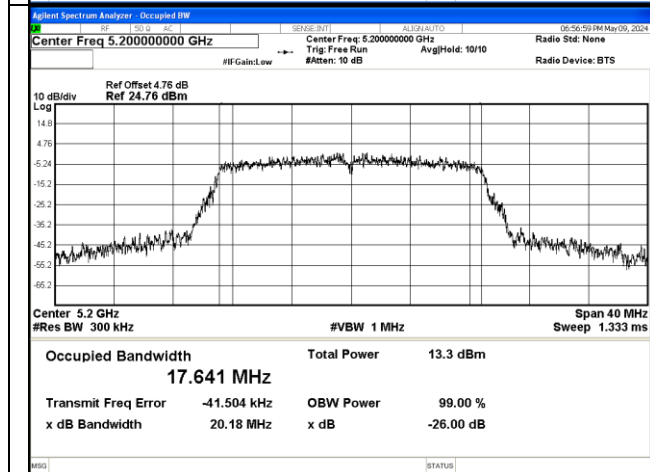
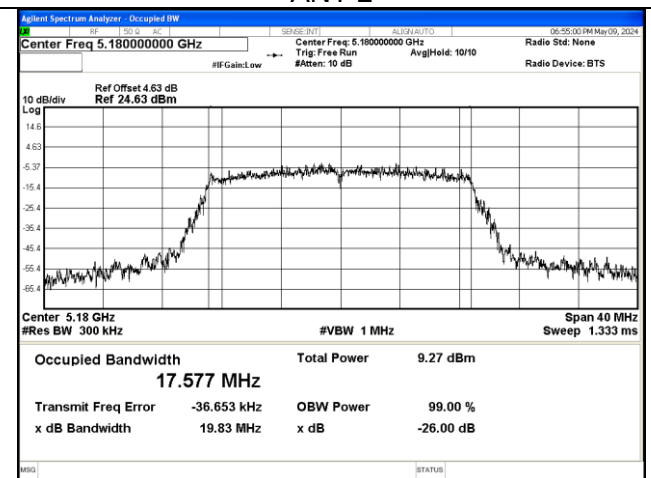


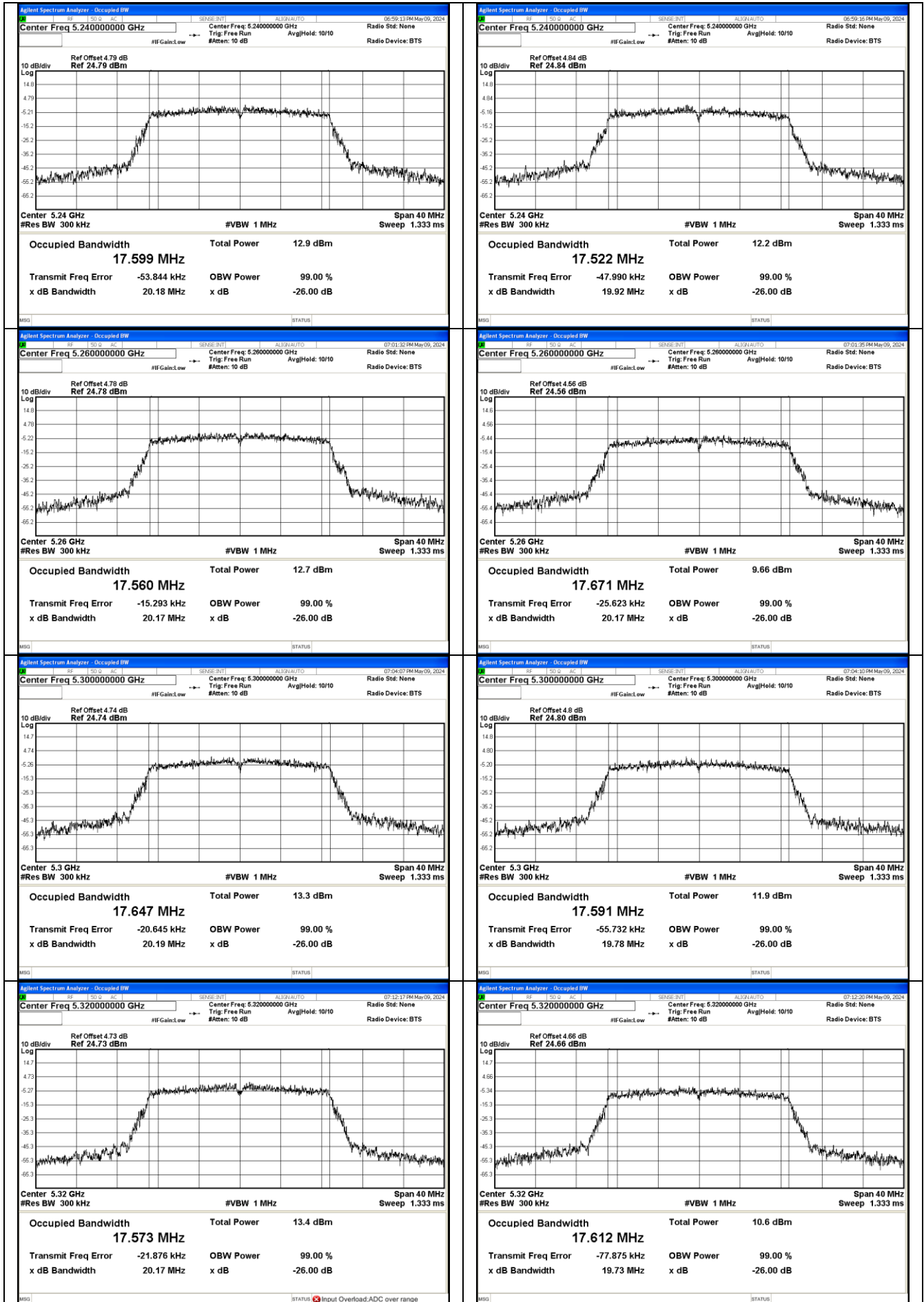


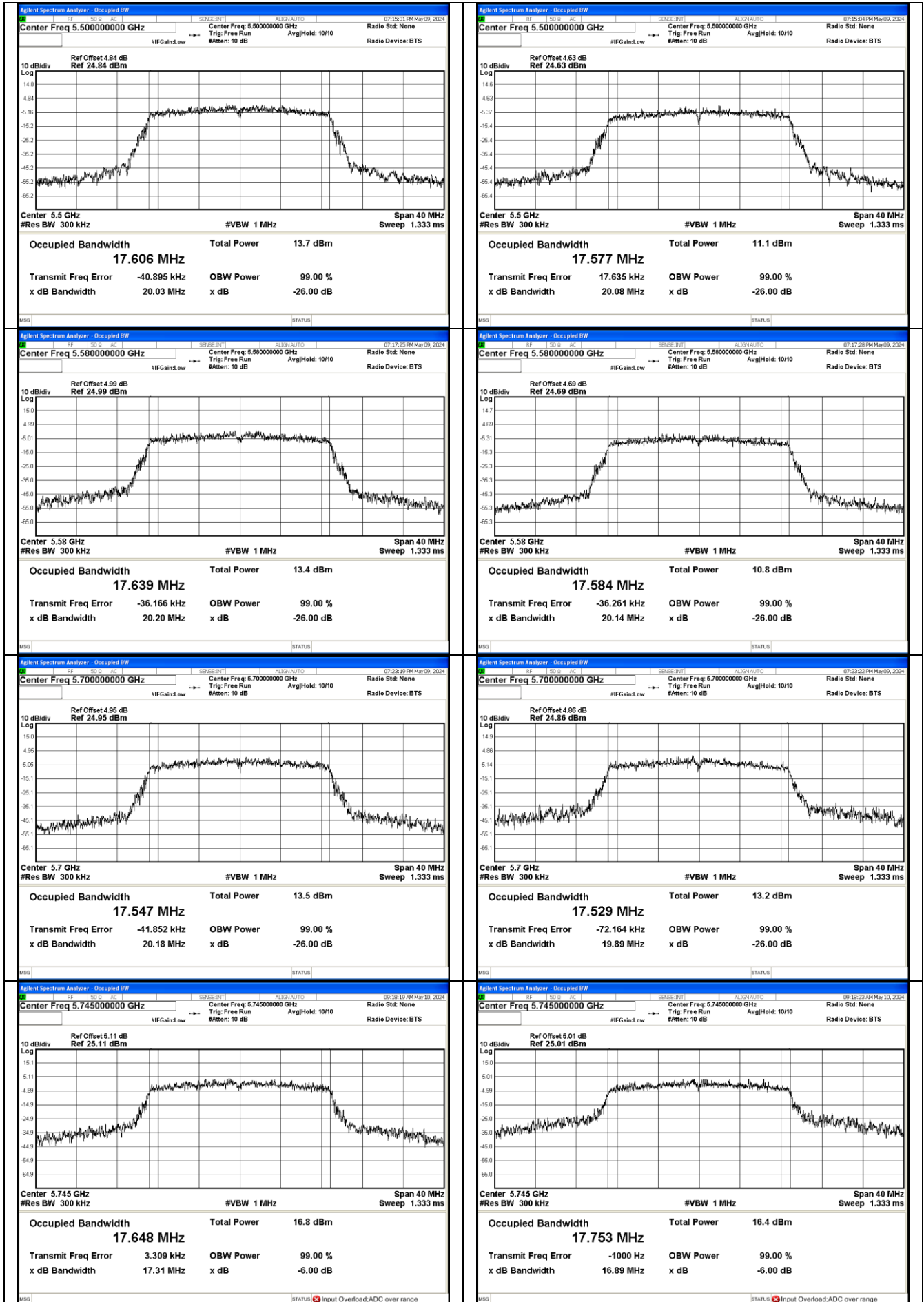
802.11ac20 mode:

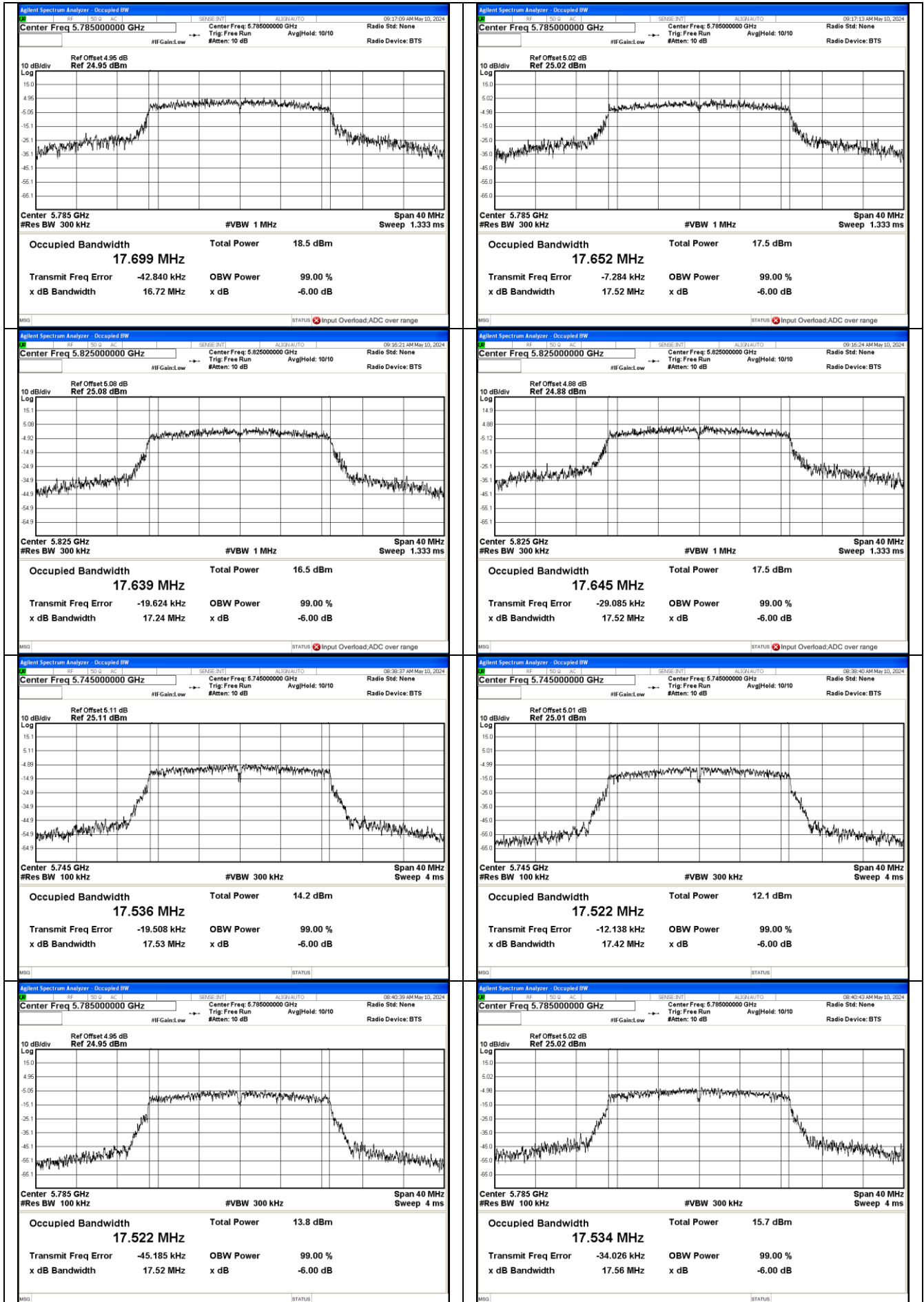
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
36	5180	17.553	19.70	17.577	19.83
44	5200	17.641	20.18	17.540	19.97
48	5240	17.599	20.18	17.522	19.92
52	5260	17.560	20.17	17.671	20.17
56	5300	17.647	20.19	17.591	19.78
64	5320	17.573	20.17	17.612	19.73
100	5500	17.606	20.03	17.577	20.08
116	5580	17.639	20.20	17.584	20.14
140	5700	17.547	20.18	17.529	19.89

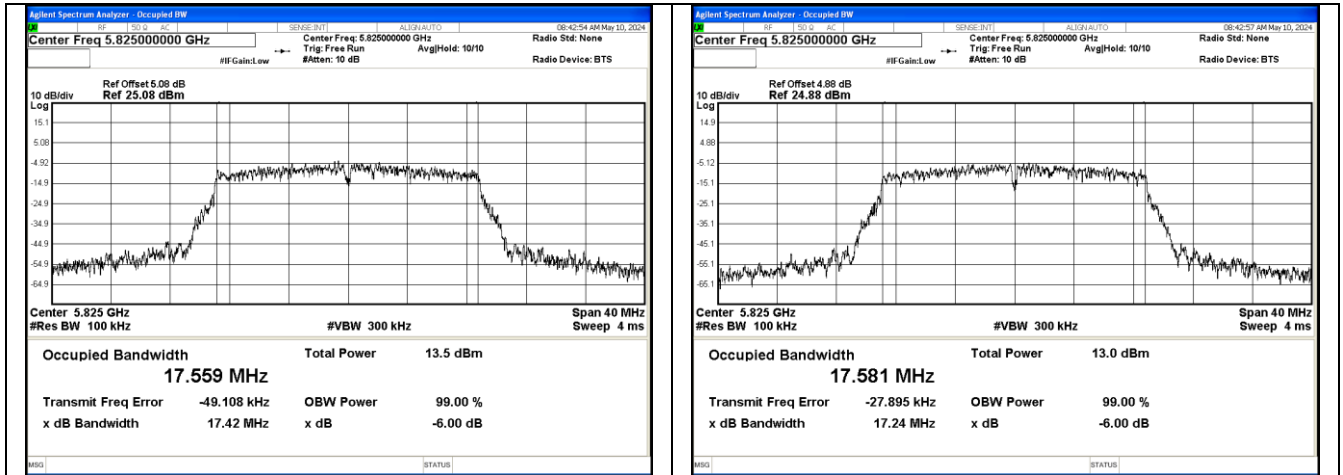
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
149	5745	17.648	17.53	17.753	17.42
157	5785	17.699	17.52	17.652	17.56
165	5825	17.639	17.42	17.645	17.24

ANT 1

ANT 2




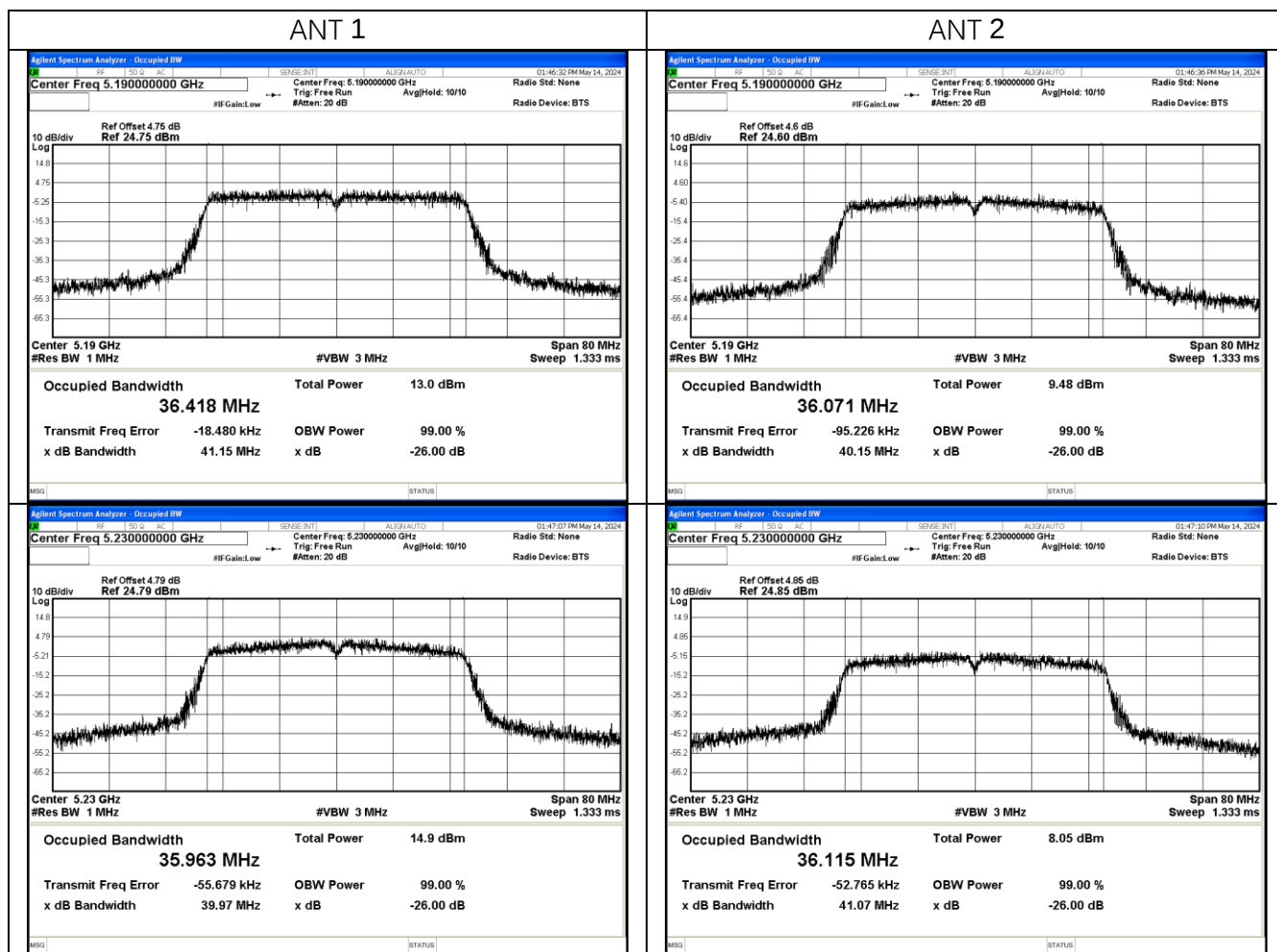


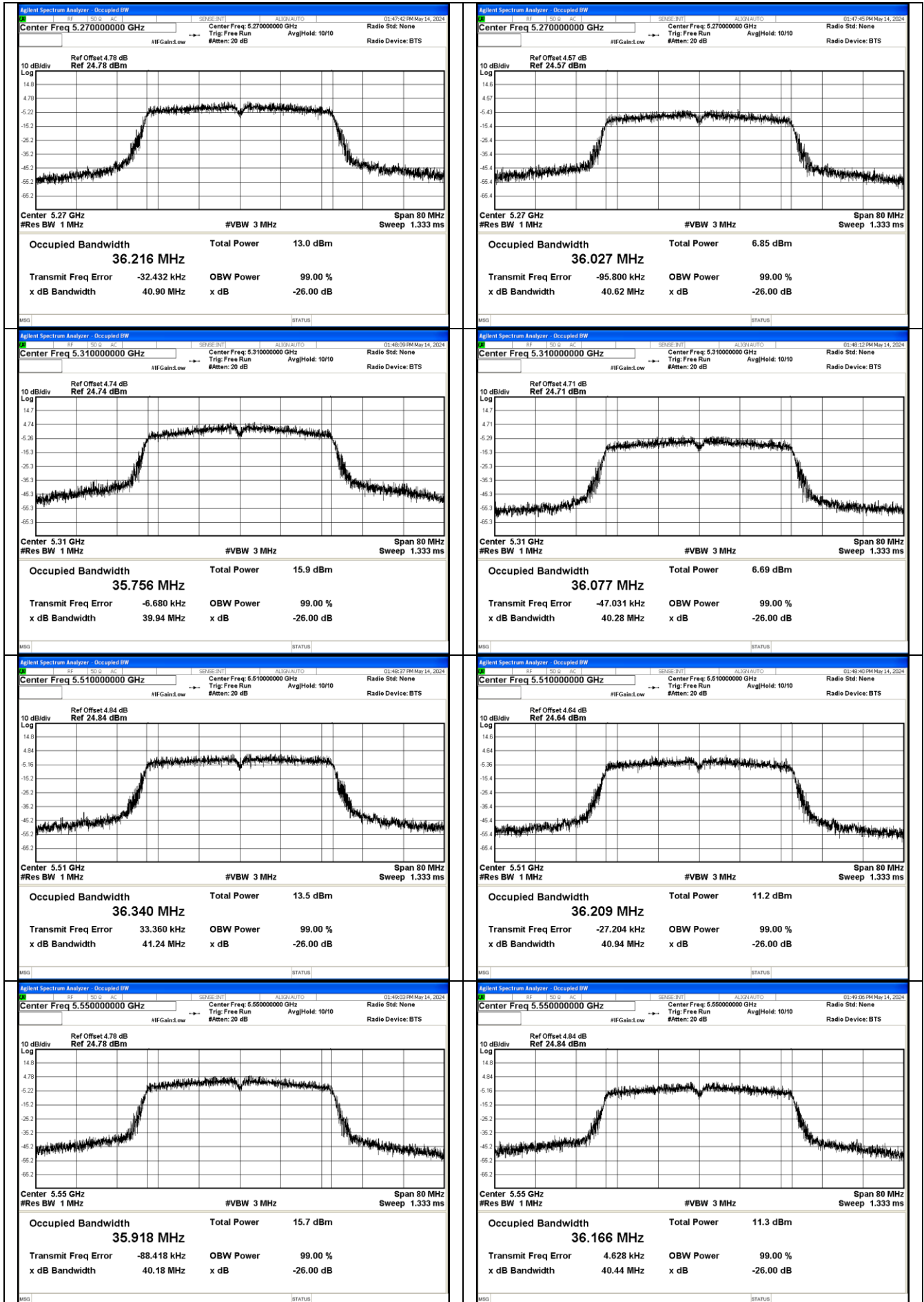


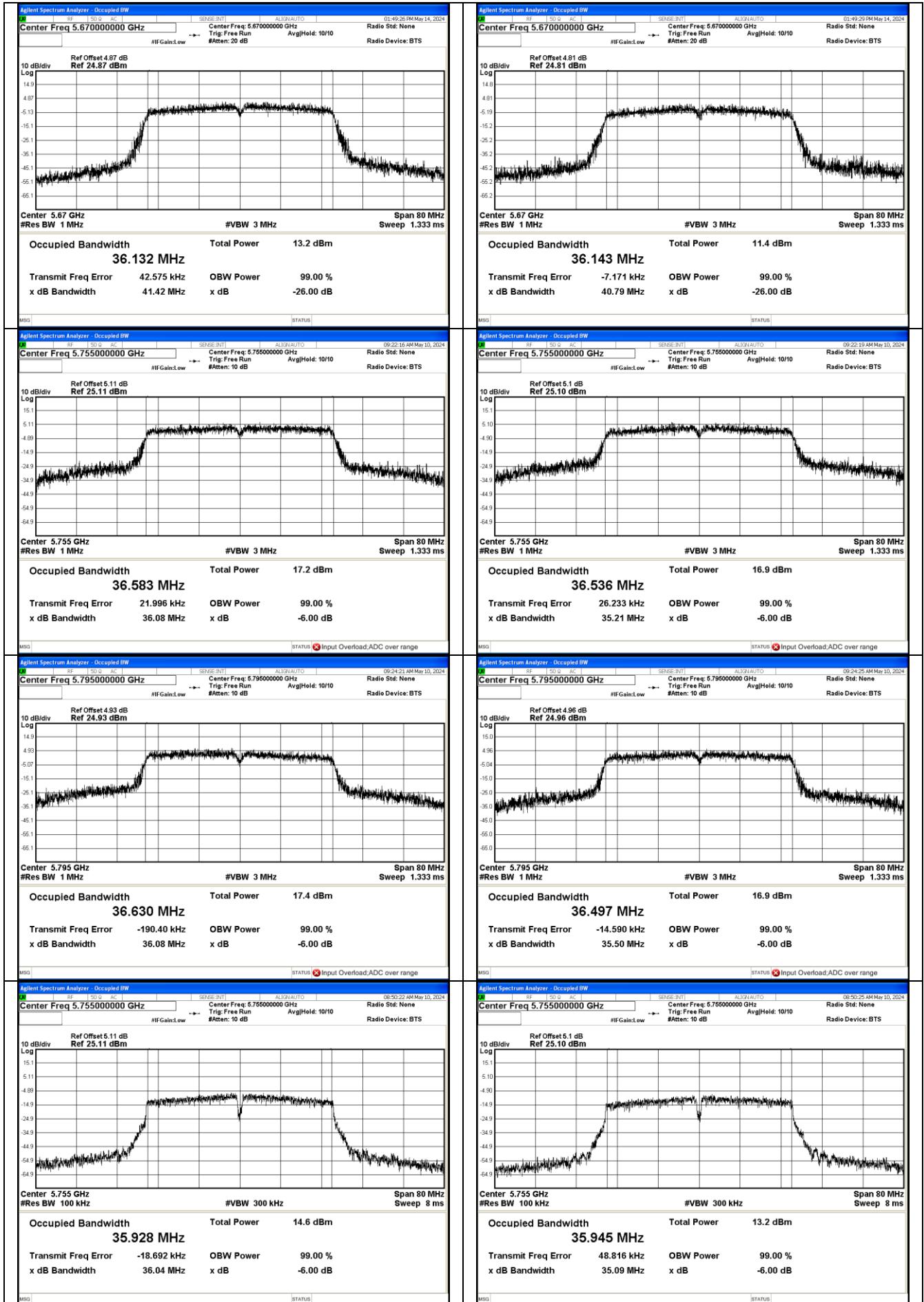


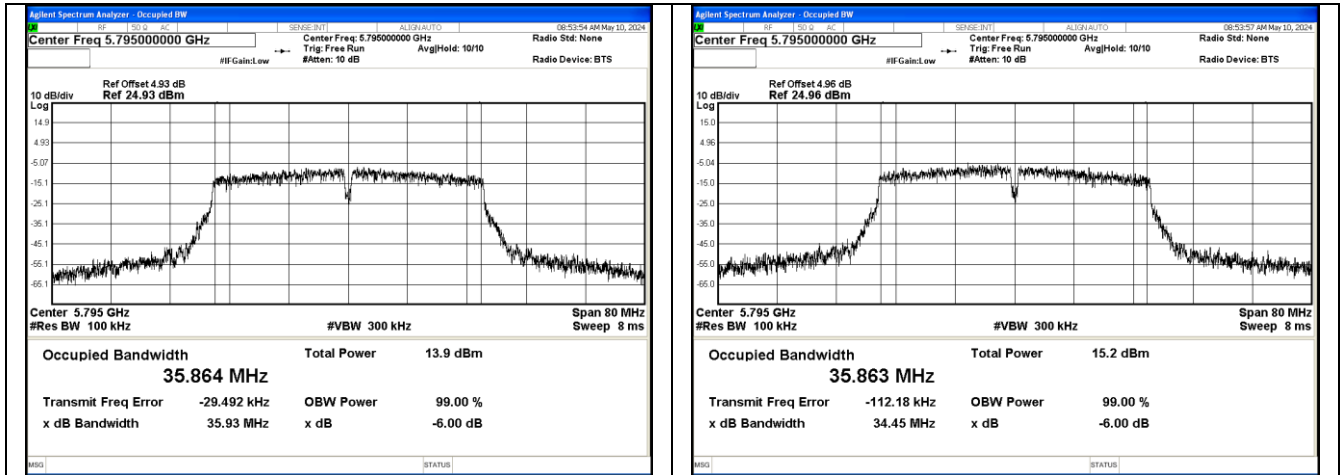
802.11ac40 mode:					
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
38	5190	36.418	41.15	36.071	40.15
46	5230	35.963	39.97	36.115	41.07
54	5270	36.216	40.90	36.027	40.62
62	5310	35.756	39.94	36.077	40.28
102	5510	36.340	41.24	36.209	40.94
110	5550	35.918	40.18	36.166	40.44
134	5670	36.132	41.42	36.143	40.79

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
151	5755	36.583	36.04	36.536	35.09
159	5795	36.630	35.93	36.497	34.45





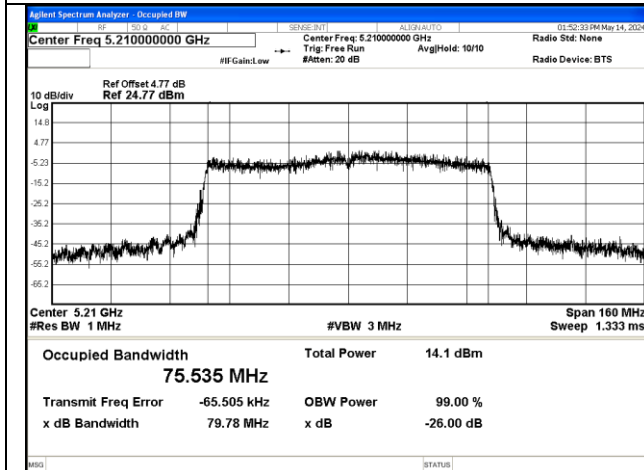
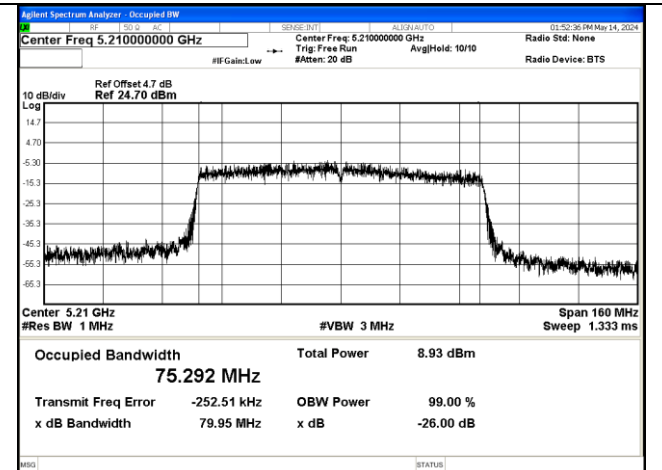
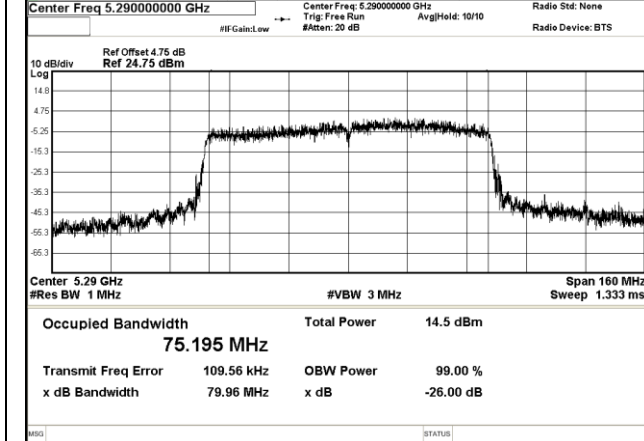
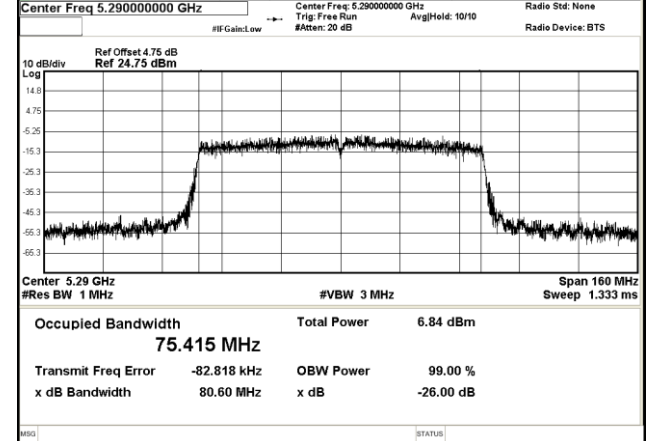


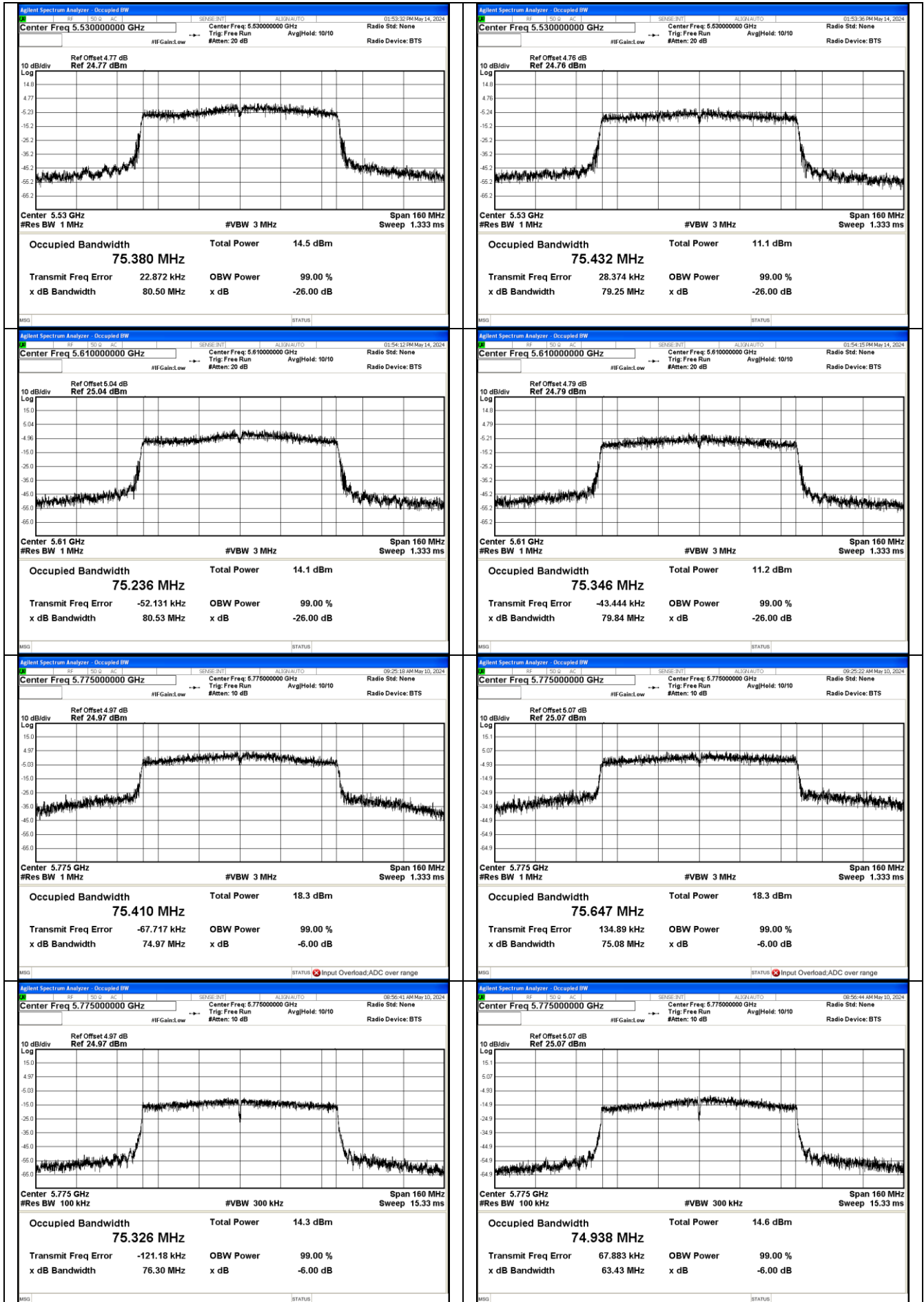


802.11ac80 mode:

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
42	5210	75.535	79.78	75.292	79.95
58	5290	75.195	79.96	75.415	80.60
106	5530	75.380	80.50	75.432	79.25
122	5610	75.236	80.53	75.346	79.84

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
155	5775	75.410	76.30	75.647	63.43

ANT 1

ANT 2

ANT 1

ANT 2




Appendix A.7 Test Results of Maximum Conducted Output Power

802.11a mode					
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	FCC Limit (dBm)	Result
36	5180	13.201	12.213	23.98	Pass
40	5200	11.352	13.626	23.98	Pass
48	5240	11.936	13.626	23.98	Pass
52	5260	11.727	12.399	23.98	Pass
60	5300	13.089	14.291	23.98	Pass
64	5320	13.457	12.389	23.98	Pass
100	5500	14.074	13.305	23.98	Pass
116	5580	13.415	13.727	23.98	Pass
140	5700	12.552	14.773	23.98	Pass
149	5745	14.206	13.067	30	Pass
157	5785	15.811	14.305	30	Pass
165	5825	14.039	13.305	30	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

802.11n20 mode						
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)	FCC Limit (dBm)	Result
				Conducted		
36	5180	13.885	11.915	16.021	23.98	Pass
40	5200	14.017	13.19	16.633	23.98	Pass
48	5240	13.768	14.164	16.981	23.98	Pass
52	5260	13.696	11.735	15.836	23.98	Pass
60	5300	14.336	14.233	17.295	23.98	Pass
64	5320	14.4	12.759	16.667	23.98	Pass
100	5500	14.362	12.464	16.526	23.98	Pass
116	5580	14.21	12.151	16.312	23.98	Pass
140	5700	14.191	14.425	17.32	23.98	Pass
149	5745	14.529	12.617	16.688	30	Pass
157	5785	14.069	16.258	18.31	30	Pass
165	5825	13.908	13.31	16.63	30	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

802.11n40 mode						
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm) Conducted	FCC Limit (dBm)	Result
38	5190	14.327	10.574	15.854	23.98	Pass
46	5230	13.958	13.367	16.683	23.98	Pass
54	5270	14.328	12.421	16.489	23.98	Pass
62	5310	14.433	12.551	16.603	23.98	Pass
102	5510	14.771	13.104	17.027	23.98	Pass
110	5550	14.546	13.396	17.019	23.98	Pass
134	5670	14.241	12.738	16.564	23.98	Pass
151	5755	14.908	13.808	17.403	30	Pass
159	5795	14.323	15.804	18.137	30	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

802.11ac20 mode						
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm) Conducted	FCC Limit (dBm)	Result
36	5180	13.727	10.287	15.349	23.98	Pass
40	5200	14.032	11.157	15.838	23.98	Pass
48	5240	13.72	13.197	16.477	23.98	Pass
52	5260	13.497	10.885	15.395	23.98	Pass
60	5300	14.115	13.077	16.637	23.98	Pass
64	5320	14.069	11.641	16.033	23.98	Pass
100	5500	14.372	12.271	16.458	23.98	Pass
116	5580	14.278	12.021	16.305	23.98	Pass
140	5700	14.274	14.274	17.284	23.98	Pass
149	5745	14.586	12.56	16.7	30	Pass
157	5785	13.964	16.183	18.224	30	Pass
165	5825	13.888	13.335	16.631	30	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

802.11ac40 mode						
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm) Conducted	FCC Limit (dBm)	Result
38	5190	14.297	10.618	15.846	23.98	Pass
46	5230	13.835	13.409	16.638	23.98	Pass
54	5270	14.191	12.345	16.376	23.98	Pass
62	5310	14.448	12.54	16.608	23.98	Pass
102	5510	14.634	13.155	16.967	23.98	Pass
110	5550	14.45	13.403	16.968	23.98	Pass
134	5670	14.179	12.77	16.542	23.98	Pass
151	5755	14.835	13.756	17.339	30	Pass
159	5795	14.266	15.623	18.008	30	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

802.11ac80 mode						
CH	Freq.	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm) Conducted	FCC Limit (dBm)	Result
42	5210	14.142	12.295	16.326	23.98	Pass
58	5290	14.47	12.946	16.785	23.98	Pass
106	5530	14.265	13.129	16.744	23.98	Pass
122	5610	14.435	13.929	17.2	23.98	Pass
155	5775	14.792	15.233	18.028	30	Pass

Note:

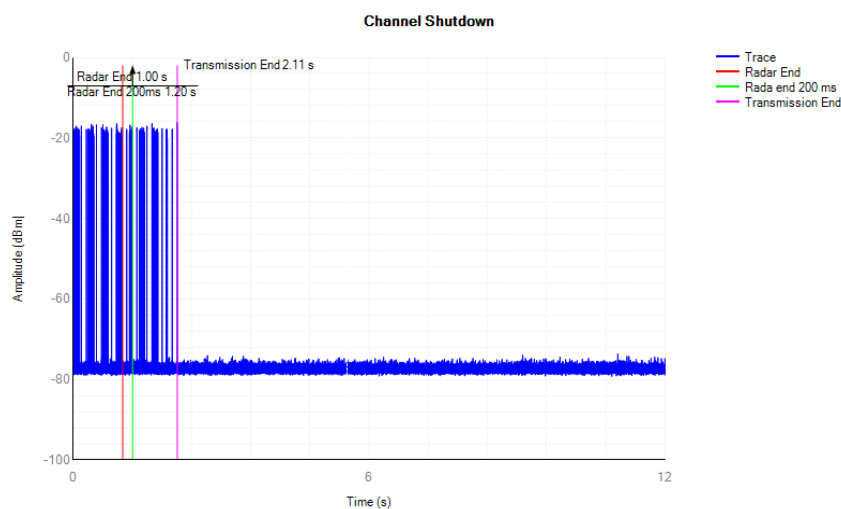
- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 3.20 dBi, 5725MHz to 5850MHz: 3.52 dBi(ANT1&2).

Appendix A.8 Test Results of Dynamic Frequency Selection (DFS)

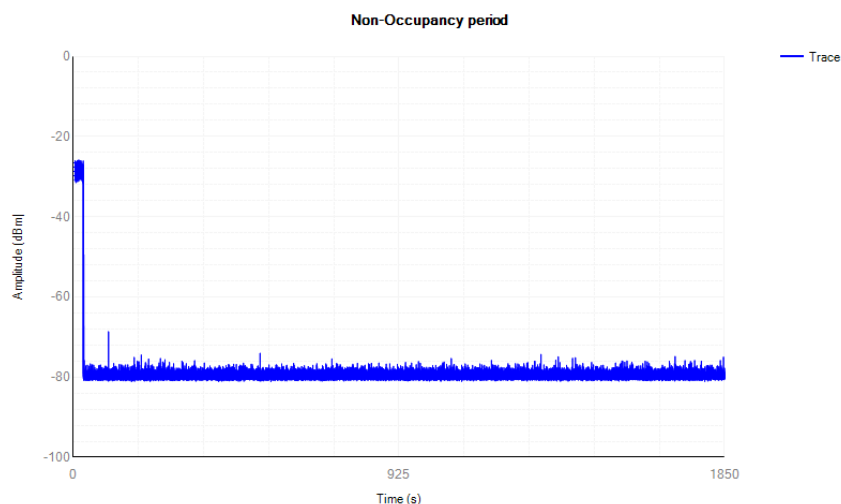
Band II					
Description	Radar Type	Radar Freq.	Measured Val.(s)	Requirement	Status
Channel closing transmission time	1	5290	0.0504	<60ms	Complies
Channel move time	1	5290	1.1063	<10s	Complies
Non-Occupancy Period	1	5290	not be less than 30 Min	30 Minutes	Complies

Band III					
Description	Radar Type	Radar Freq.	Measured Val.(s)	Requirement	Status
Channel closing transmission time	1	5610	0.0252	<60ms	Complies
Channel move time	1	5610	1.1108	<10s	Complies
Non-Occupancy Period	1	5610	not be less than 30 Min	30 Minutes	Complies

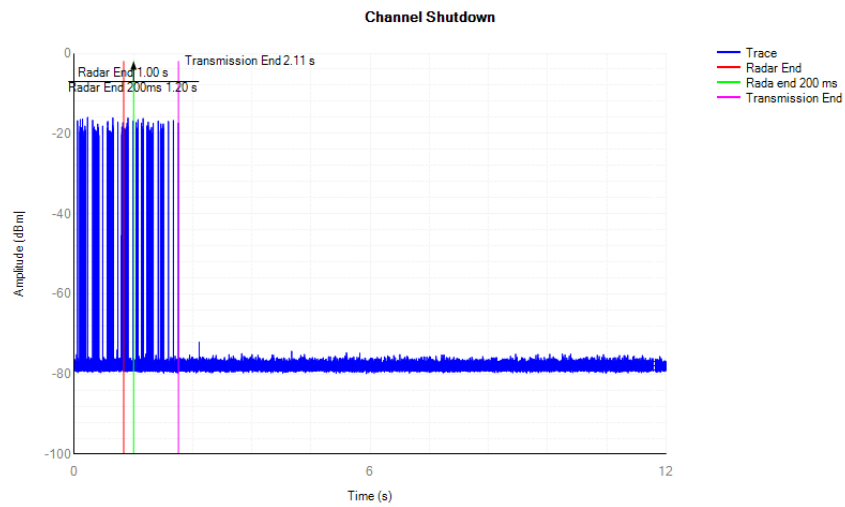
5290MHz Shutdown



5290MHz Non-Occupancy Period



5610MHz Shutdown



5610MHz Non-Occupancy Period

