

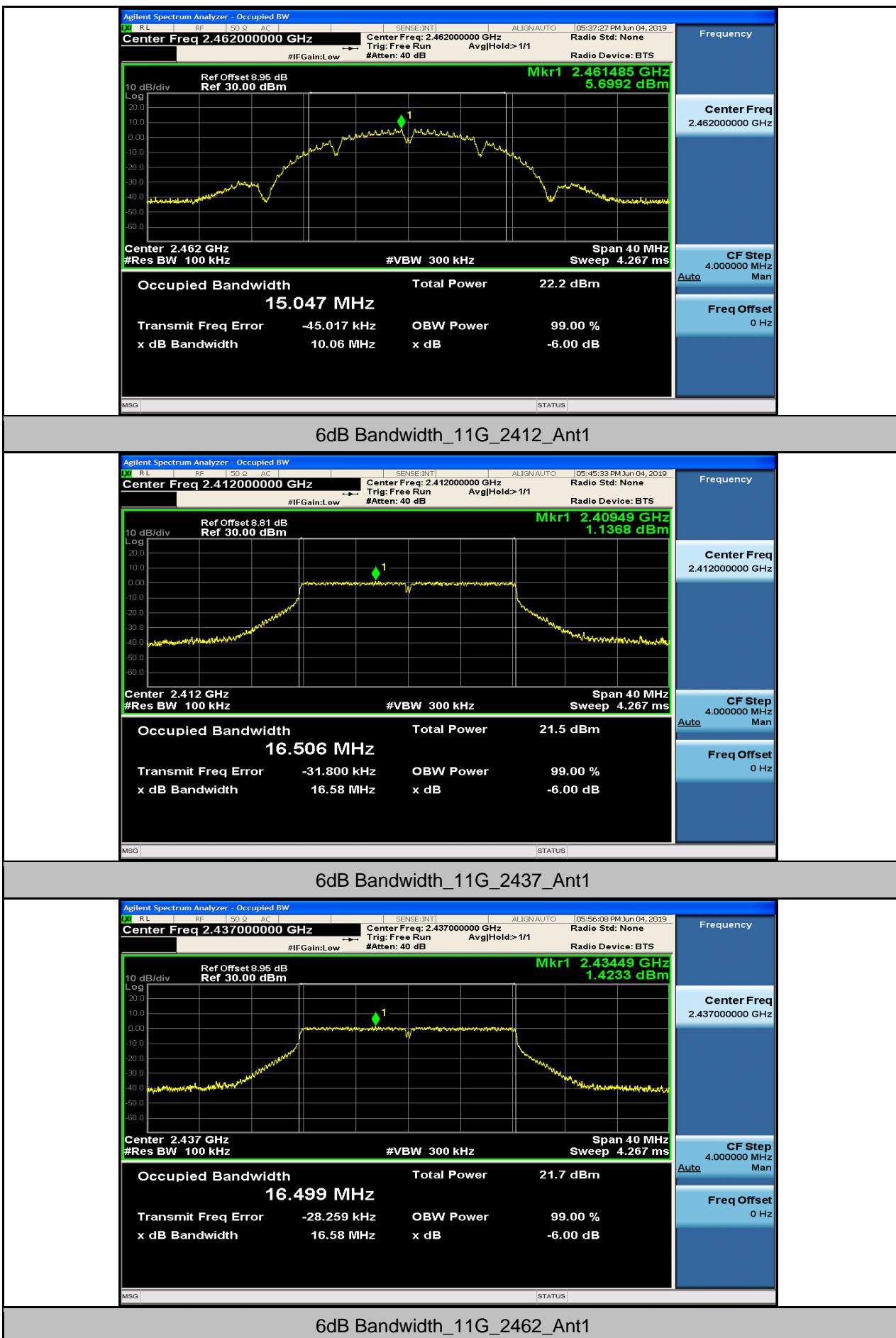


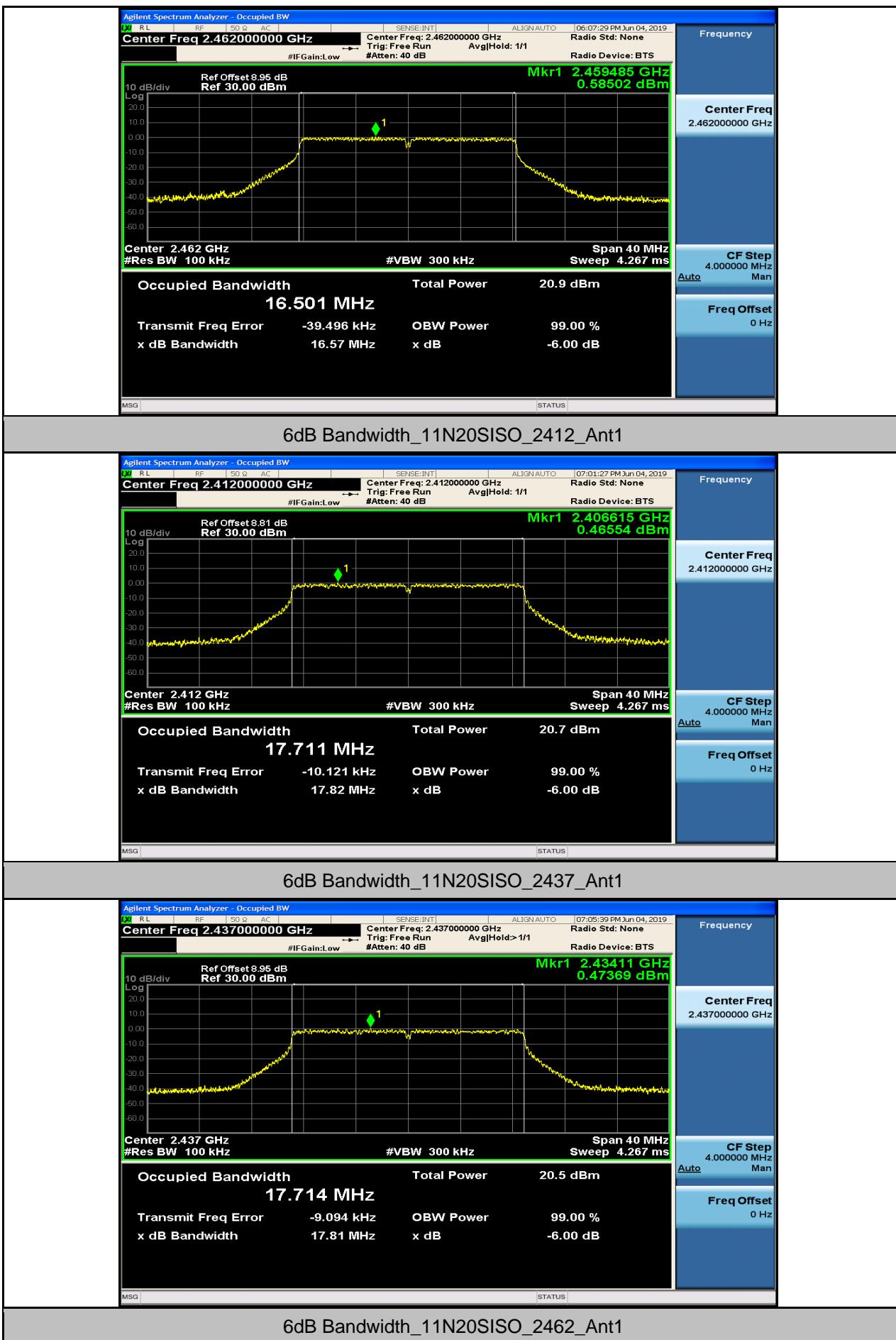
Appendix A for SHEM190501356701

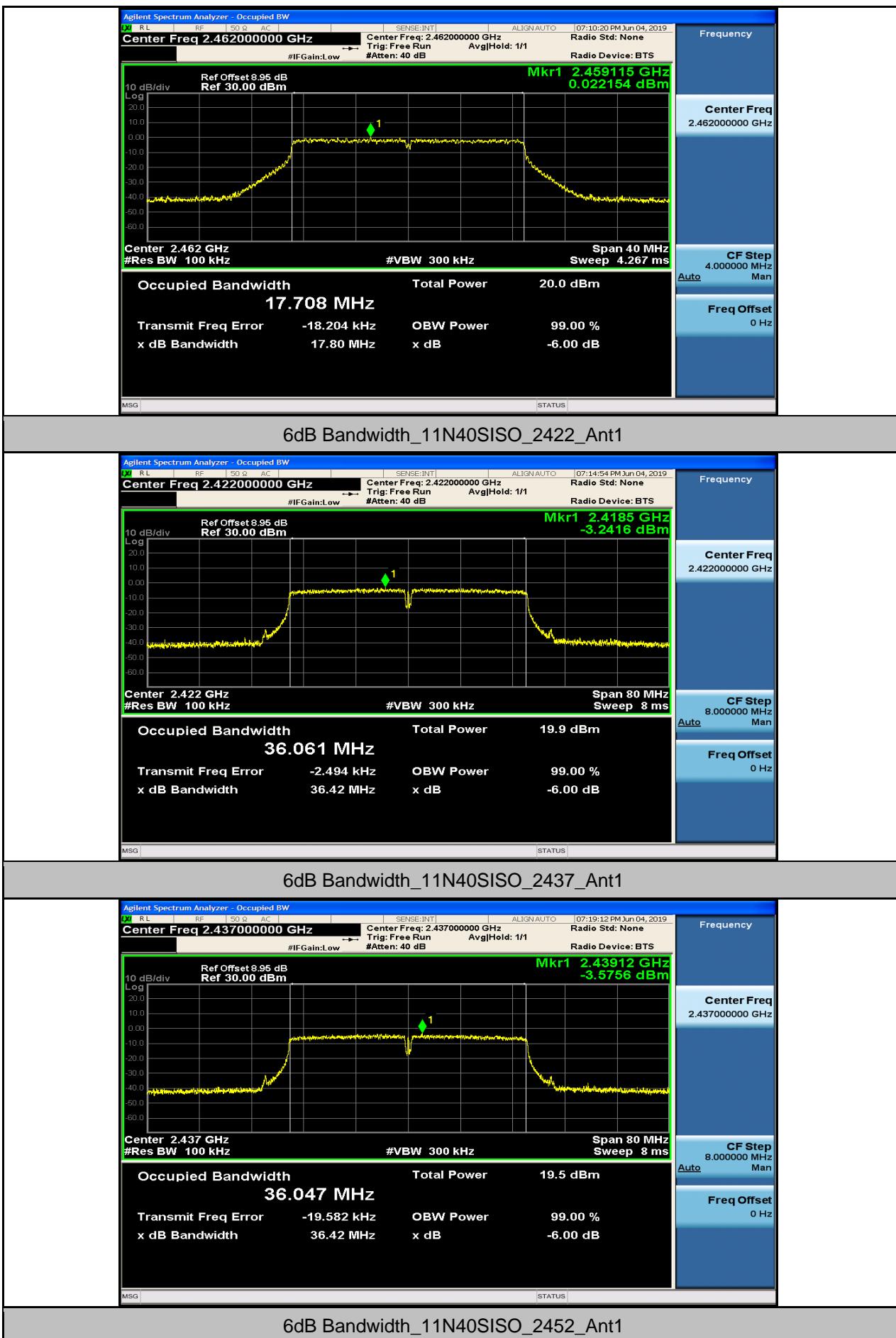
1.6dB Bandwidth

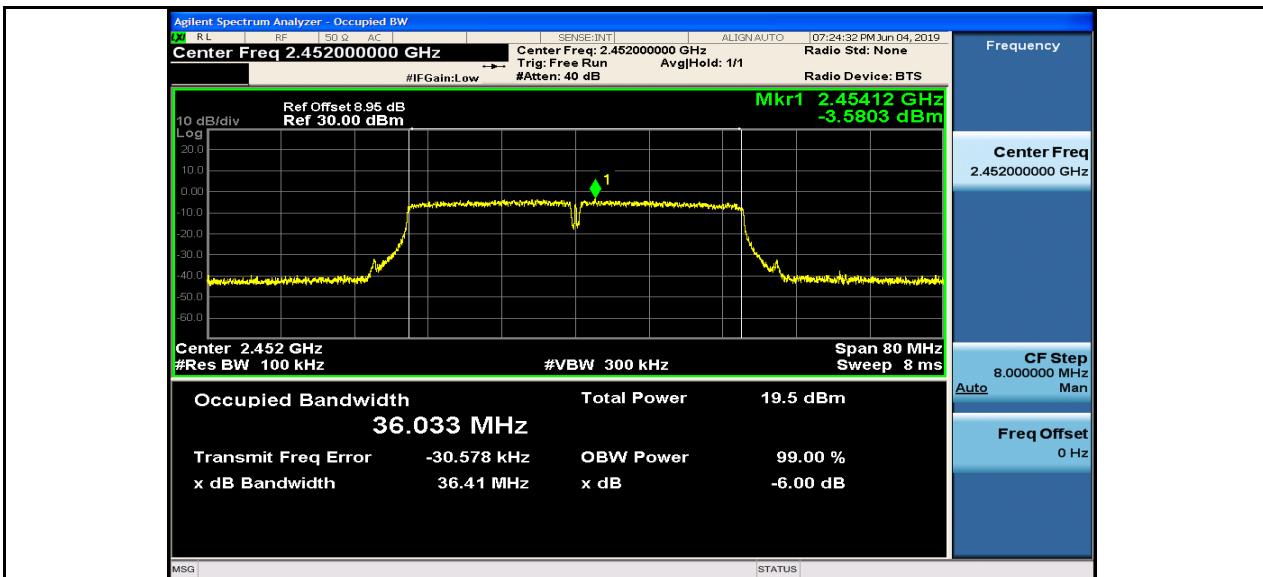
Test Mode	Test	EBW[MHz]		Limit	Verdict
		Ant1	Ant2		
11B	2412	10.06	10.06	0.5	PASS
11B	2437	10.07	10.07	0.5	PASS
11B	2462	10.06	10.07	0.5	PASS
11G	2412	16.58	16.59	0.5	PASS
11G	2437	16.58	16.59	0.5	PASS
11G	2462	16.57	16.58	0.5	PASS
11N20SISO	2412	17.82	17.82	0.5	PASS
11N20SISO	2437	17.81	17.82	0.5	PASS
11N20SISO	2462	17.80	17.81	0.5	PASS
11N40SISO	2422	36.42	36.45	0.5	PASS
11N40SISO	2437	36.42	36.44	0.5	PASS
11N40SISO	2452	36.41	36.43	0.5	PASS

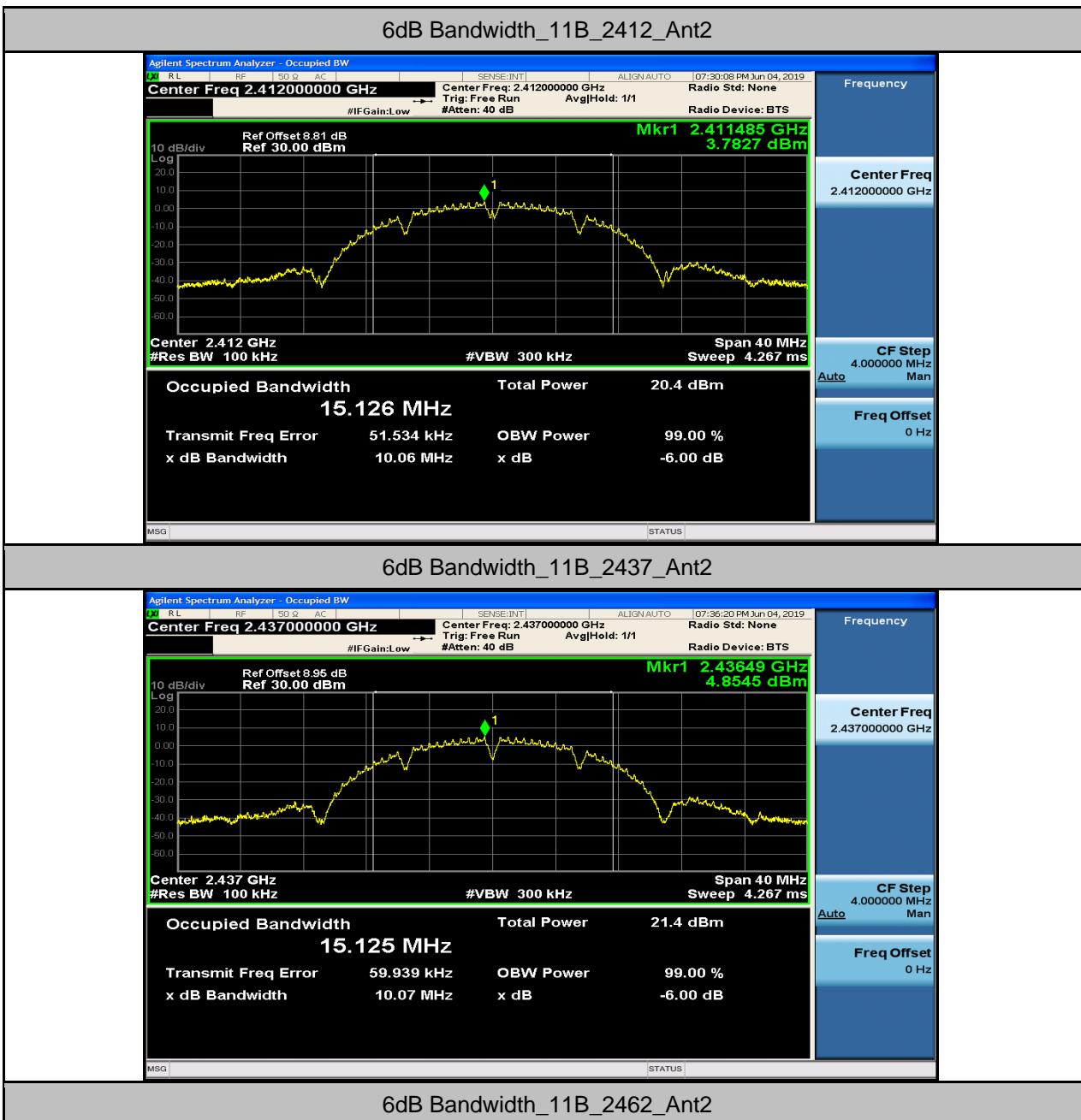


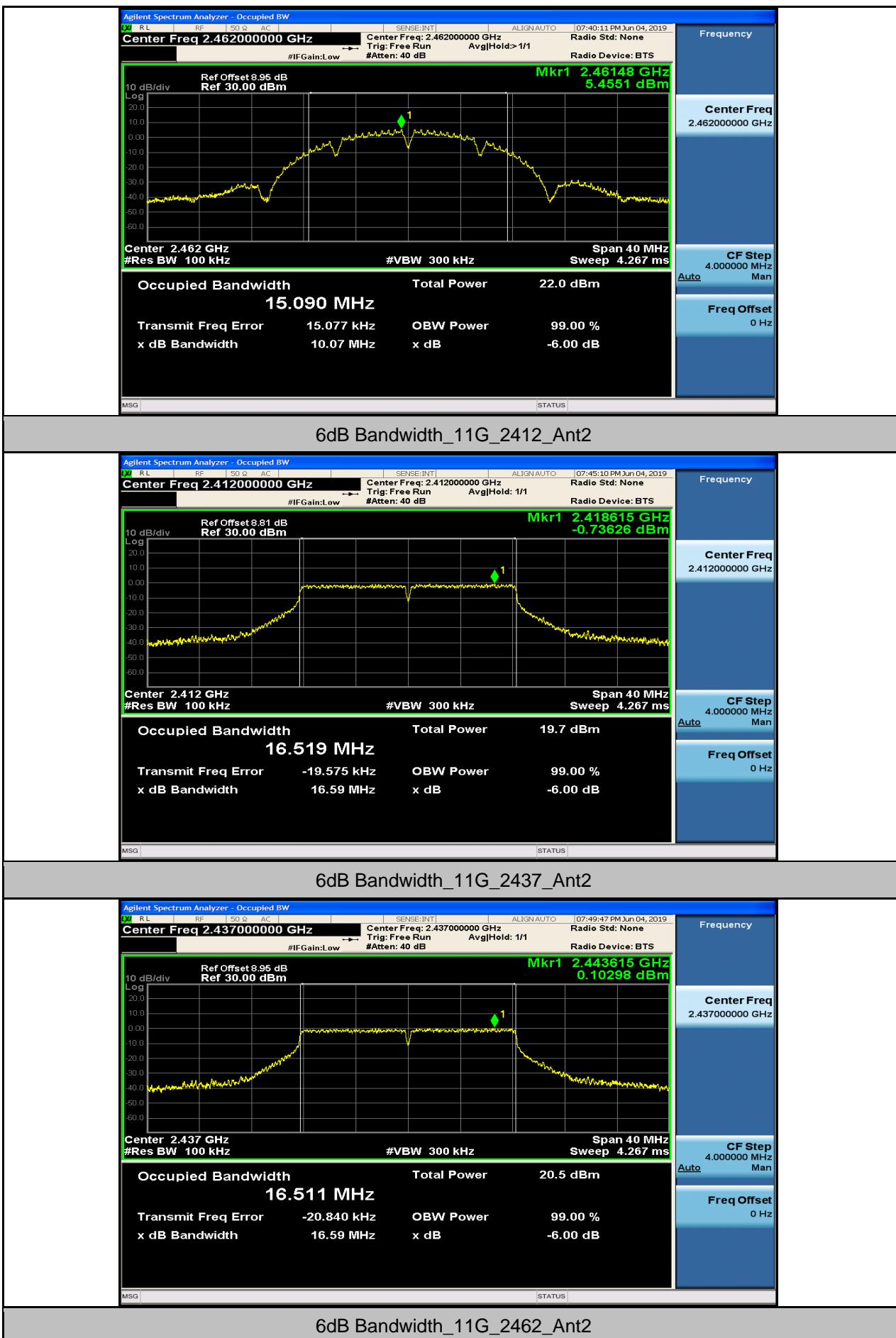




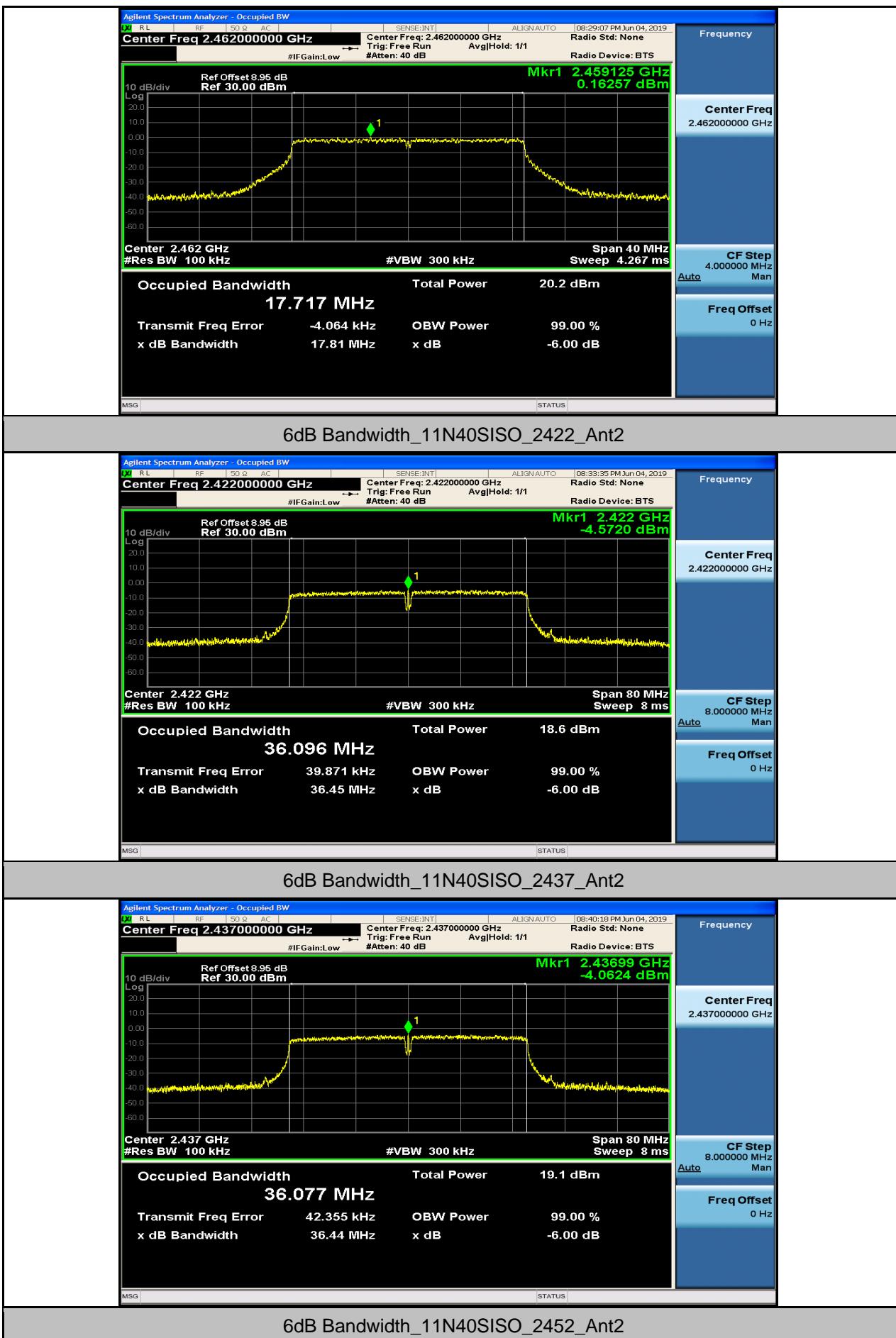


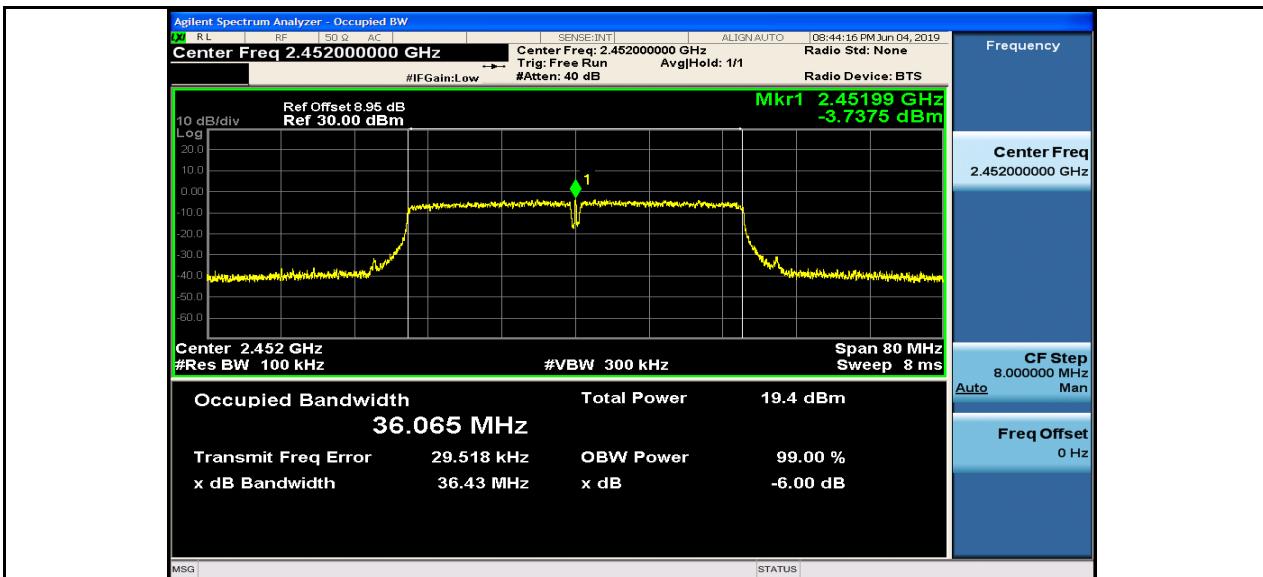








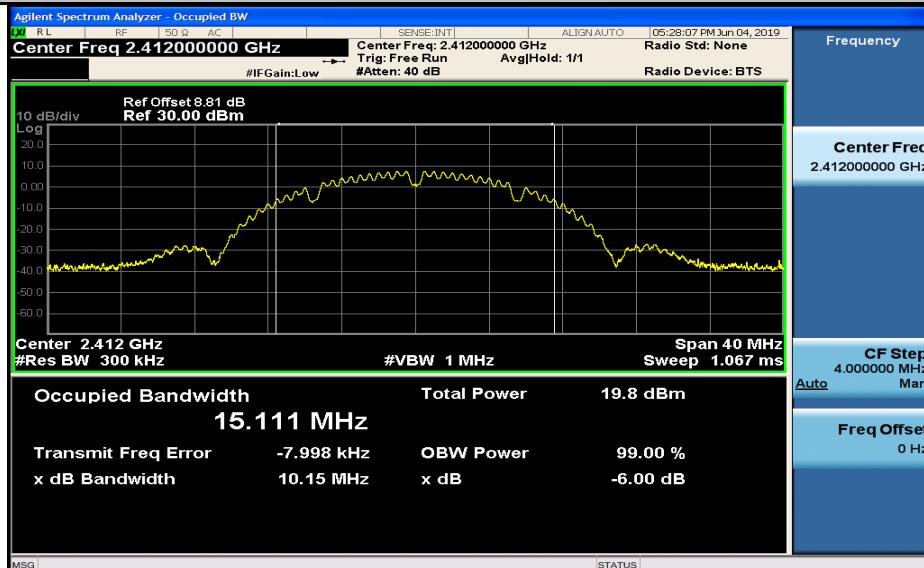
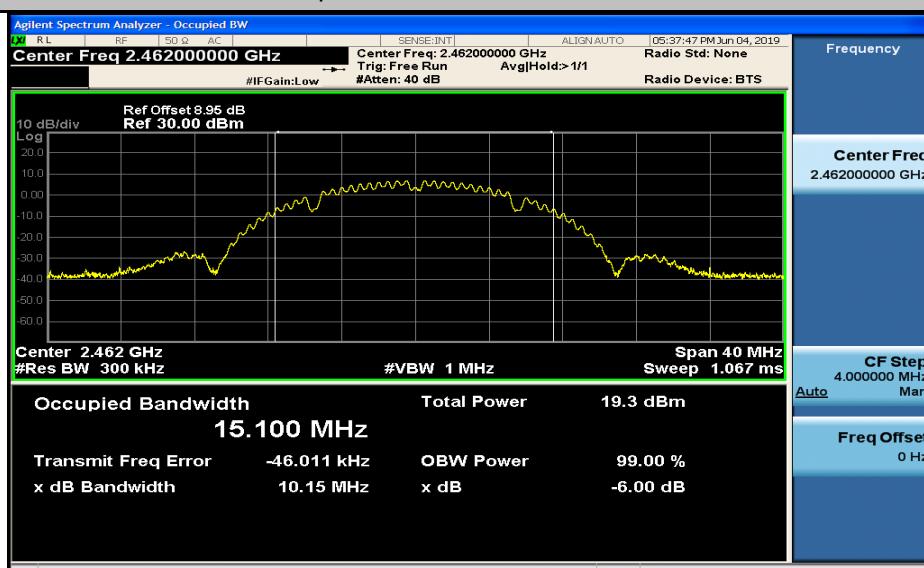


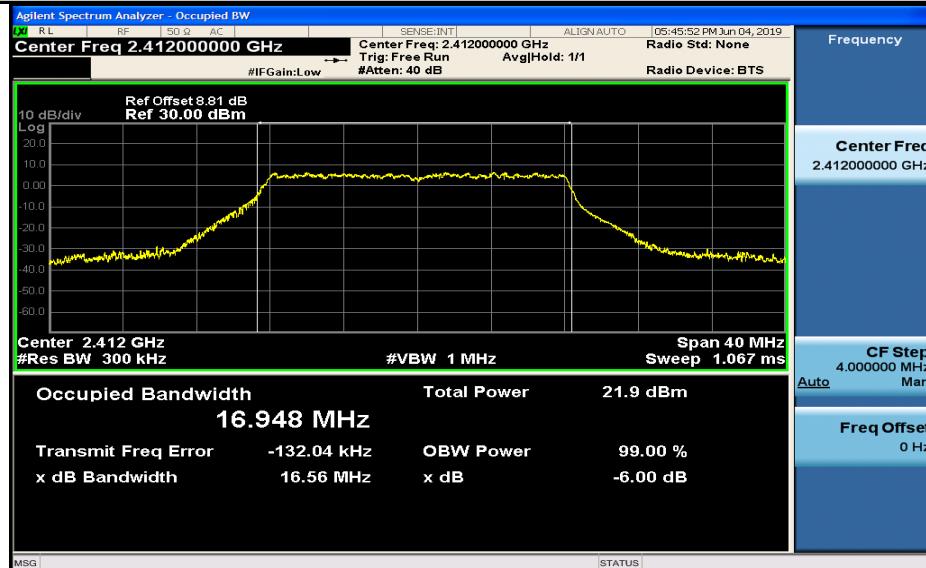
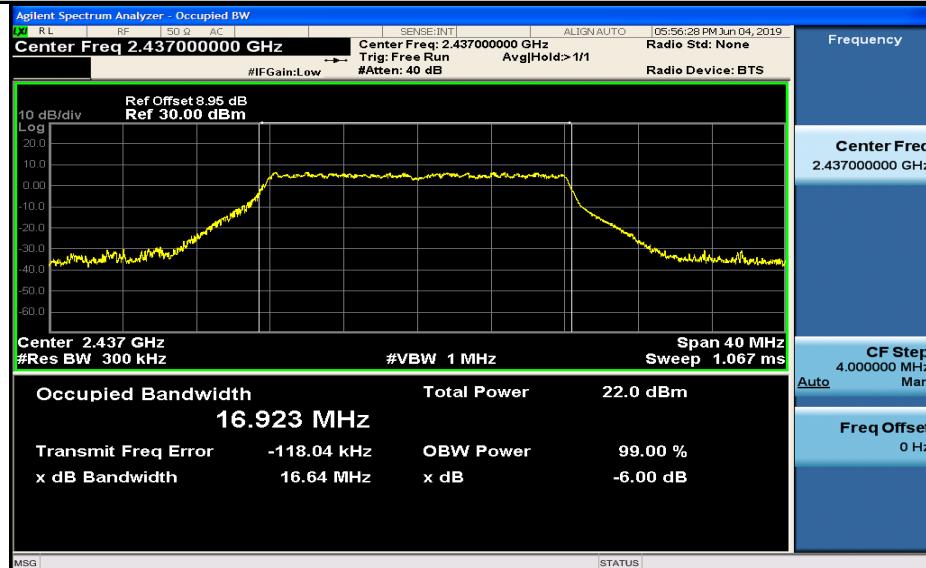


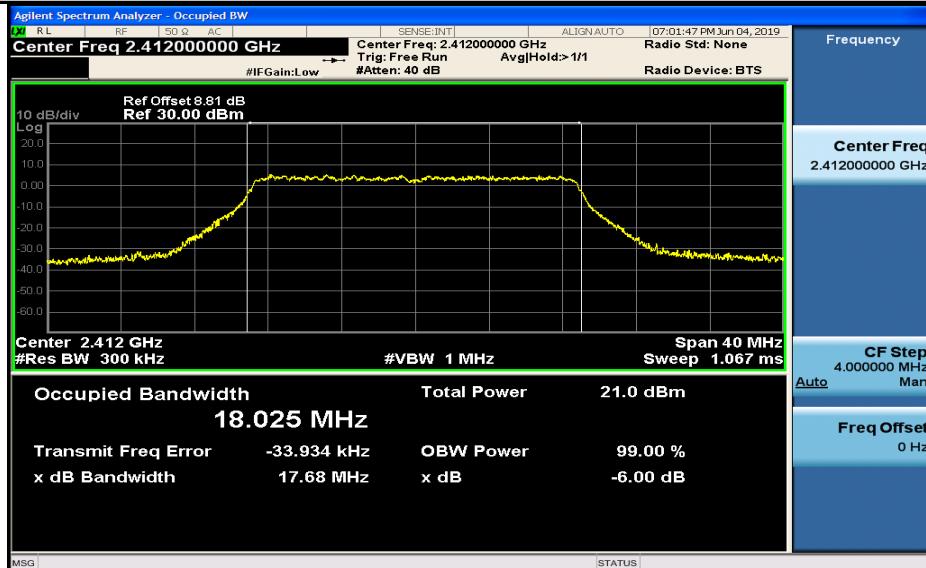
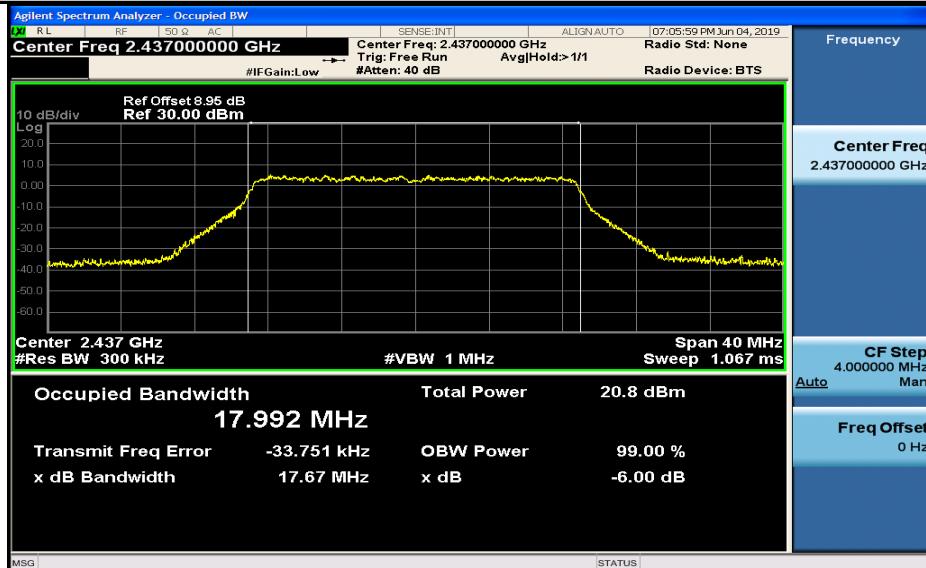
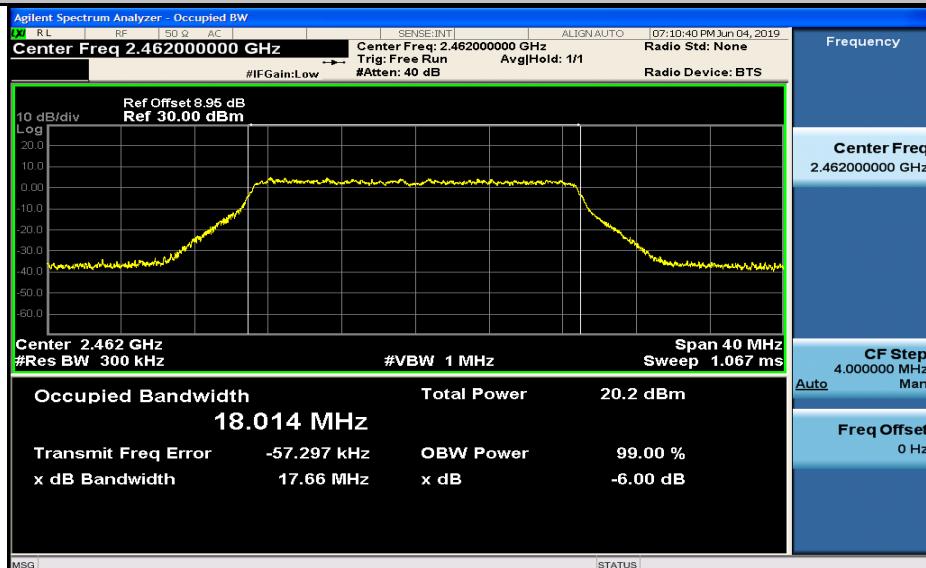


## 2.Occupied Bandwidth

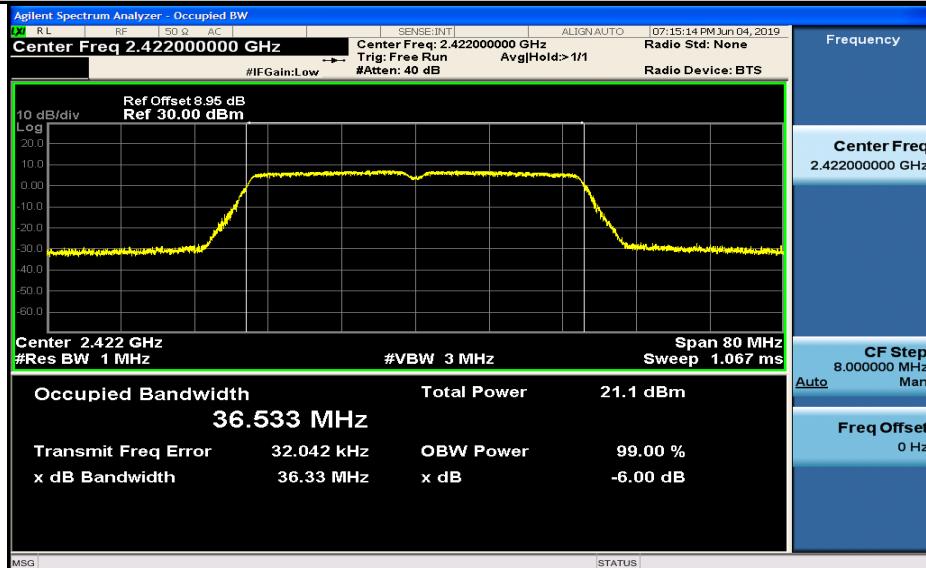
Test Mode	Test Channel	OBW[MHz]		Limit[MHz]	Verdict
		Ant1	Ant2		
11B	2412	15.11	15.18	---	PASS
11B	2437	15.11	15.18	---	PASS
11B	2462	15.10	15.16	---	PASS
11G	2412	16.95	16.96	---	PASS
11G	2437	16.92	16.95	---	PASS
11G	2462	16.92	16.93	---	PASS
11N20SISO	2412	18.02	18.04	---	PASS
11N20SISO	2437	17.99	18.02	---	PASS
11N20SISO	2462	18.01	18.01	---	PASS
11N40SISO	2422	36.53	36.63	---	PASS
11N40SISO	2437	36.52	36.56	---	PASS
11N40SISO	2452	36.47	36.51	---	PASS

**Occupied Bandwidth\_11B\_2412\_Ant1****Occupied Bandwidth\_11B\_2437\_Ant1****Occupied Bandwidth\_11B\_2462\_Ant1**

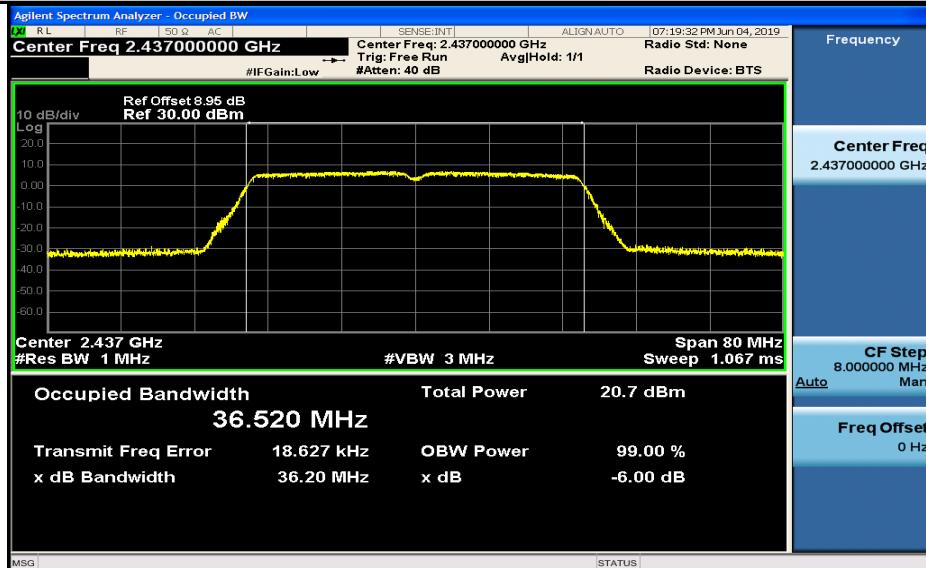
**Occupied Bandwidth\_11G\_2412\_Ant1****Occupied Bandwidth\_11G\_2437\_Ant1****Occupied Bandwidth\_11G\_2462\_Ant1**

**Occupied Bandwidth\_11N20SISO\_2412\_Ant1****Occupied Bandwidth\_11N20SISO\_2437\_Ant1****Occupied Bandwidth\_11N20SISO\_2462\_Ant1**

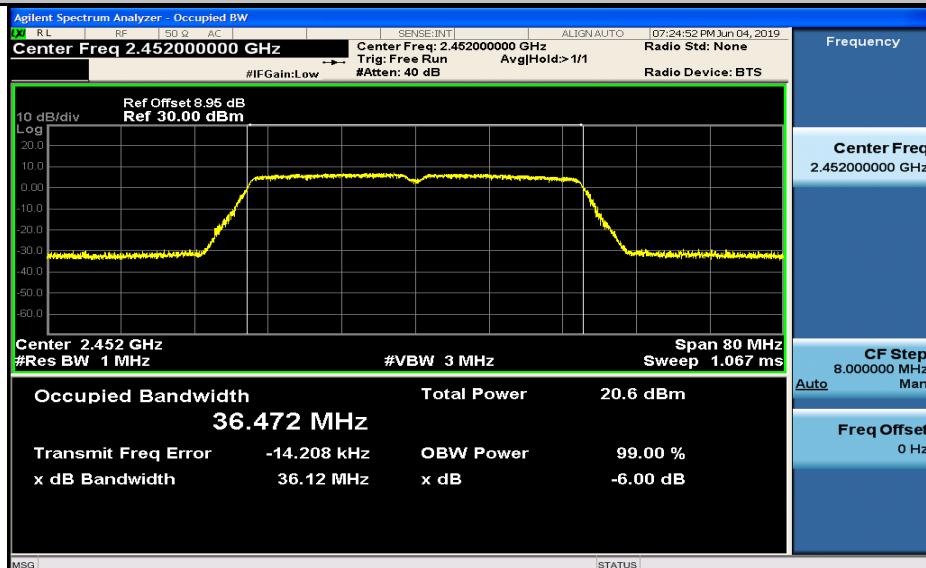
## Occupied Bandwidth\_11N40SISO\_2422\_Ant1

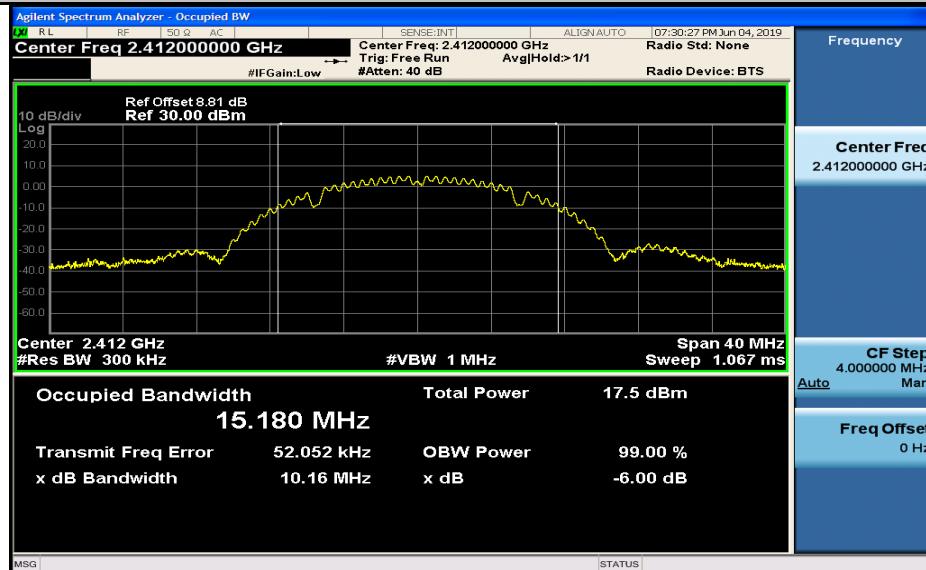
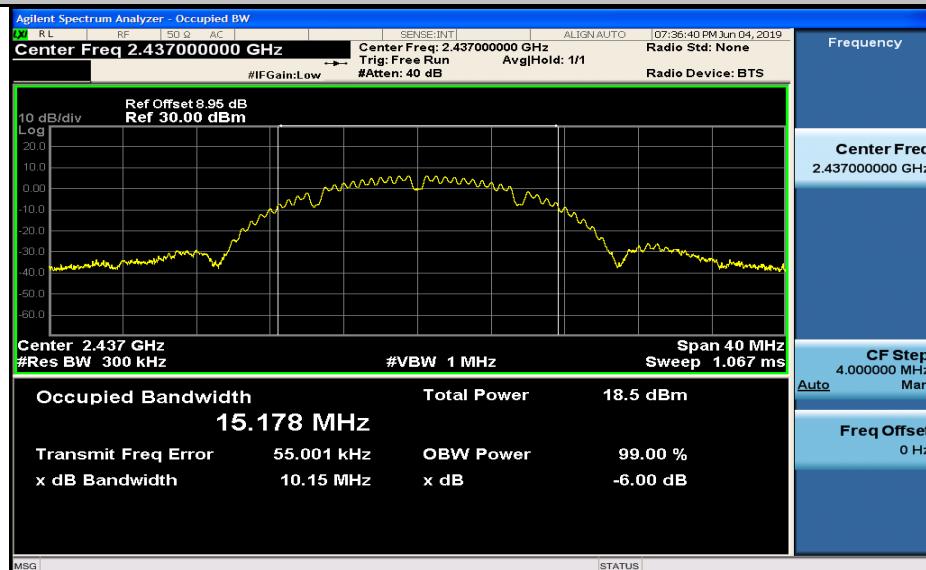


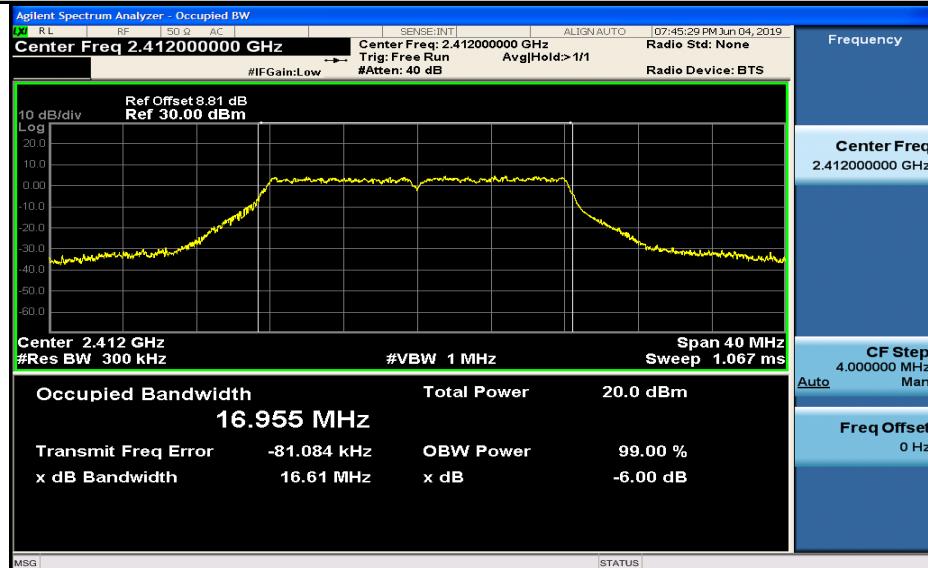
## Occupied Bandwidth\_11N40SISO\_2437\_Ant1

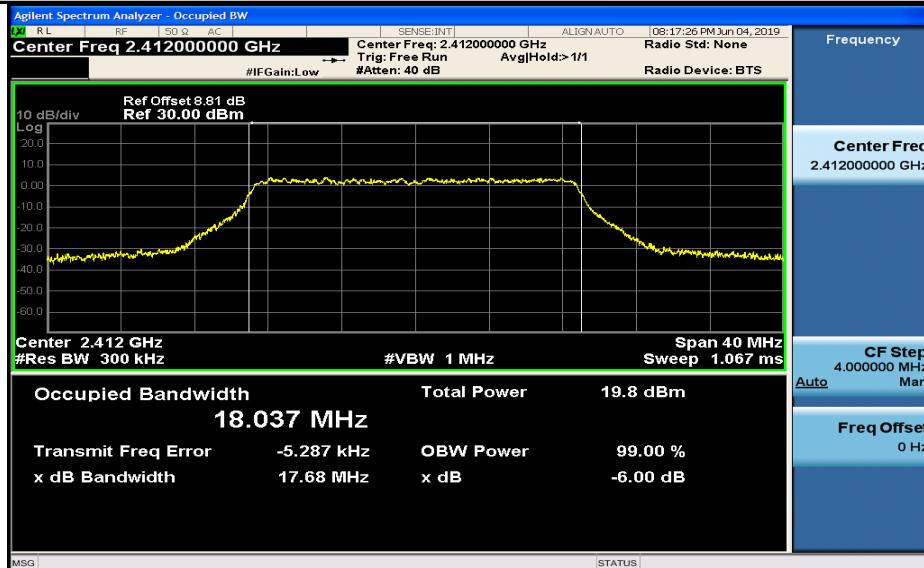
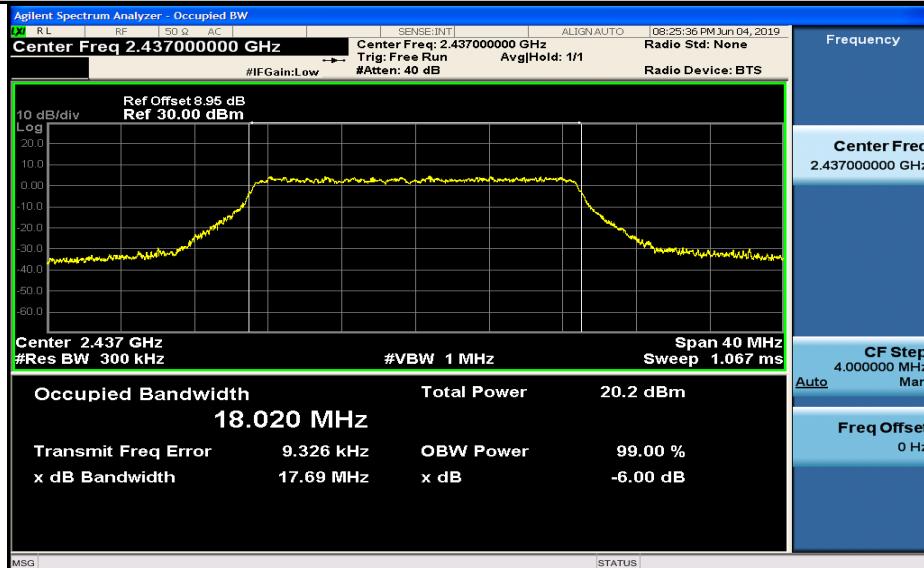
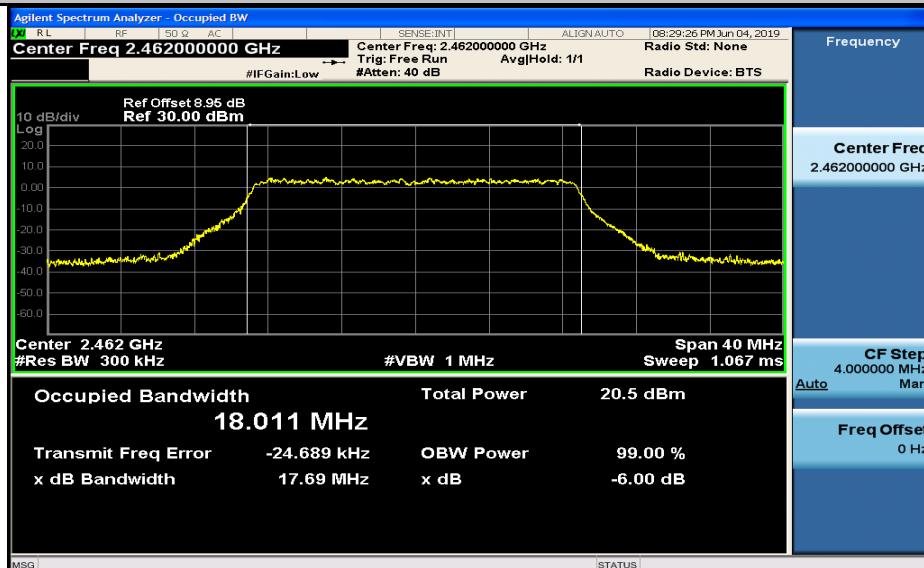


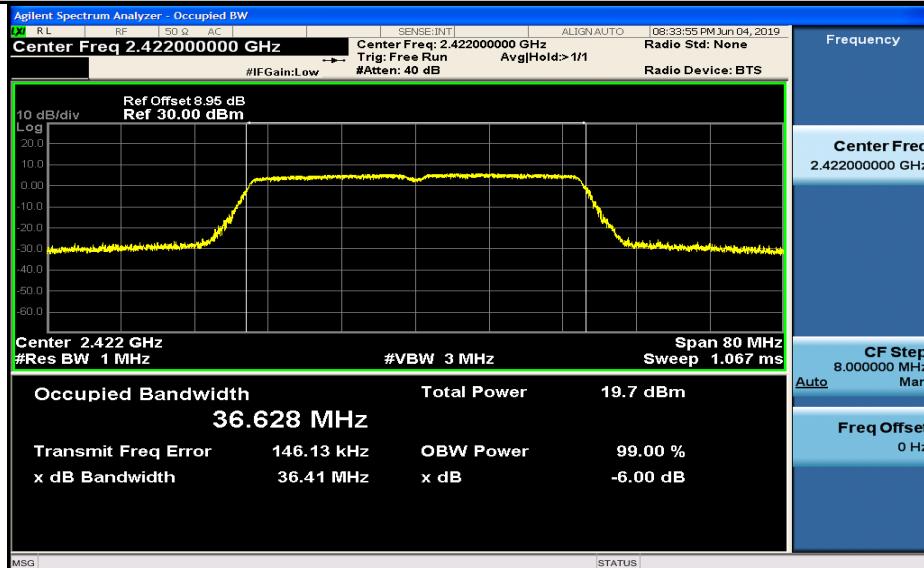
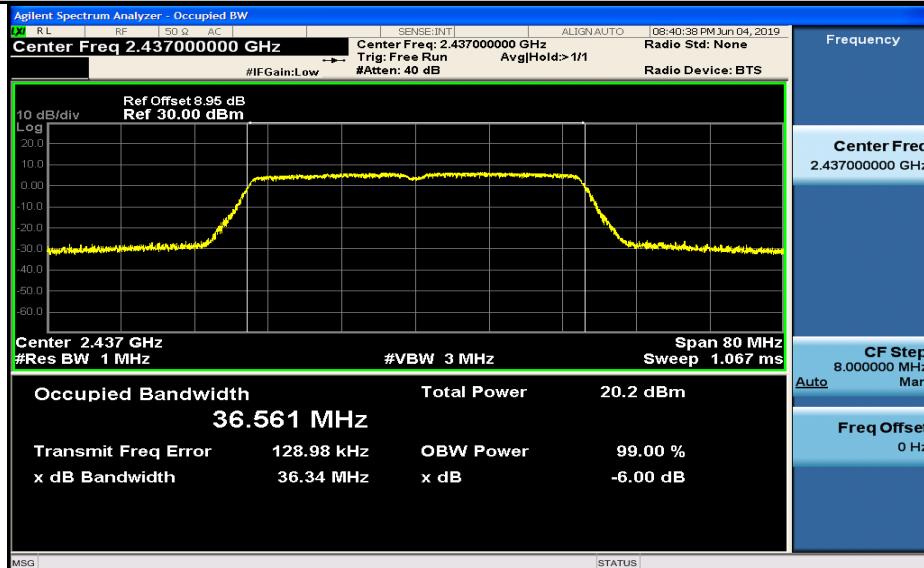
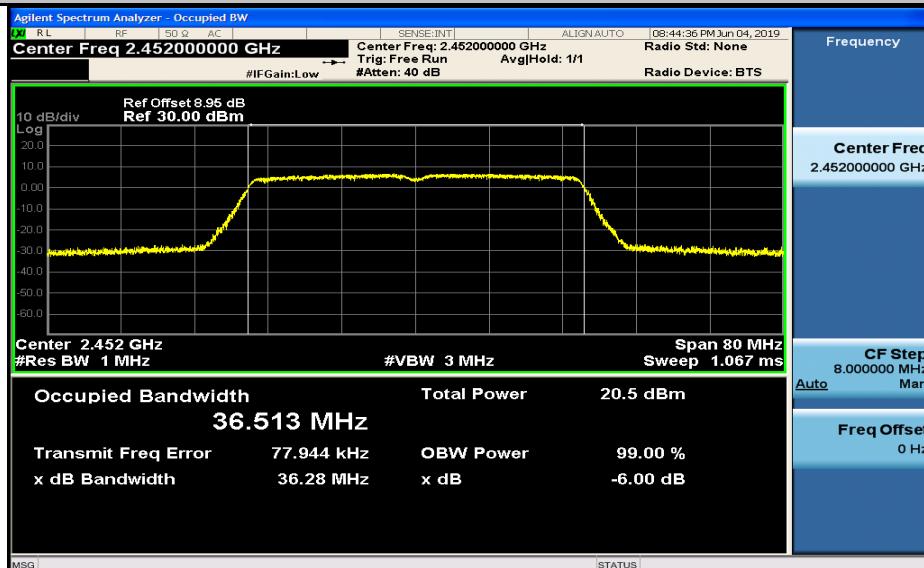
## Occupied Bandwidth\_11N40SISO\_2452\_Ant1



**Occupied Bandwidth\_11B\_2412\_Ant2****Occupied Bandwidth\_11B\_2437\_Ant2****Occupied Bandwidth\_11B\_2462\_Ant2**

**Occupied Bandwidth\_11G\_2412\_Ant2****Occupied Bandwidth\_11G\_2437\_Ant2****Occupied Bandwidth\_11G\_2462\_Ant2**

**Occupied Bandwidth\_11N20SISO\_2412\_Ant2****Occupied Bandwidth\_11N20SISO\_2437\_Ant2****Occupied Bandwidth\_11N20SISO\_2462\_Ant2**

**Occupied Bandwidth\_11N40SISO\_2422\_Ant2****Occupied Bandwidth\_11N40SISO\_2437\_Ant2****Occupied Bandwidth\_11N40SISO\_2452\_Ant2**



3. Maximum conducted (average) output power

Test Mode	Test Channel	Level [dBm]		10log(1/x) Factor[dB]		Power [dBm]			Limit [dBm]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11B	2412	16.00	13.73	0.00	0.00	16.00	13.73	NA	28	PASS
11B	2437	15.89	14.73	0.00	0.00	15.89	14.73	NA	28	PASS
11B	2462	15.46	15.31	0.00	0.00	15.46	15.31	NA	28	PASS
11G	2412	15.56	13.63	0.00	0.00	15.56	13.63	NA	28	PASS
11G	2437	15.59	14.56	0.00	0.00	15.59	14.56	NA	28	PASS
11G	2462	14.9	15.25	0.00	0.00	14.90	15.25	NA	28	PASS
11N20MIMO	2412	14.75	13.32	0.00	0.00	14.75	13.32	17.10	25	PASS
11N20MIMO	2437	14.64	13.97	0.00	0.00	14.64	13.97	17.33	25	PASS
11N20MIMO	2462	13.96	14.22	0.00	0.00	13.96	14.22	17.10	25	PASS
11N40MIMO	2422	13.76	12.49	0.00	0.00	13.76	12.49	16.18	25	PASS
11N40MIMO	2437	13.47	12.95	0.00	0.00	13.47	12.95	16.23	25	PASS
11N40MIMO	2452	13.38	13.26	0.00	0.00	13.38	13.26	16.33	25	PASS

## Maximum conducted (average) output power\_11B\_2412\_Ant1

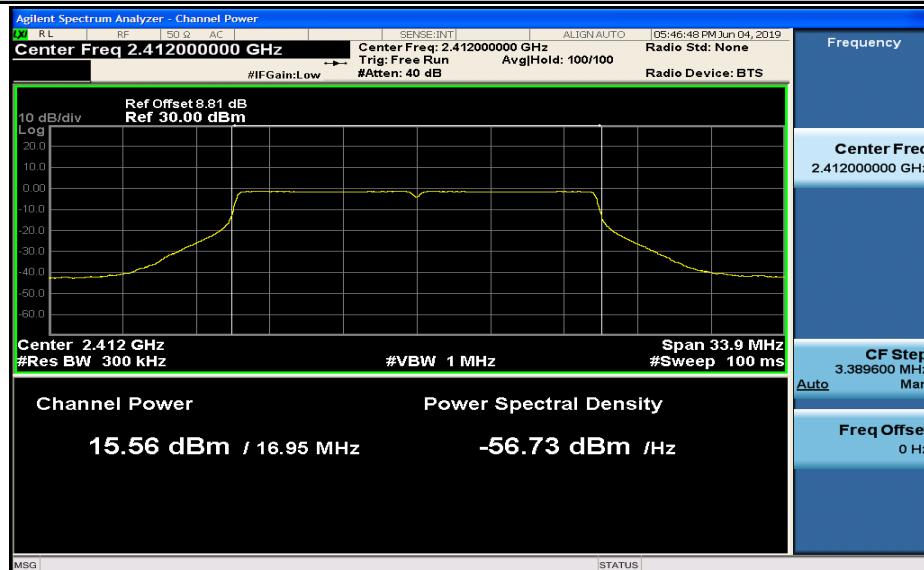
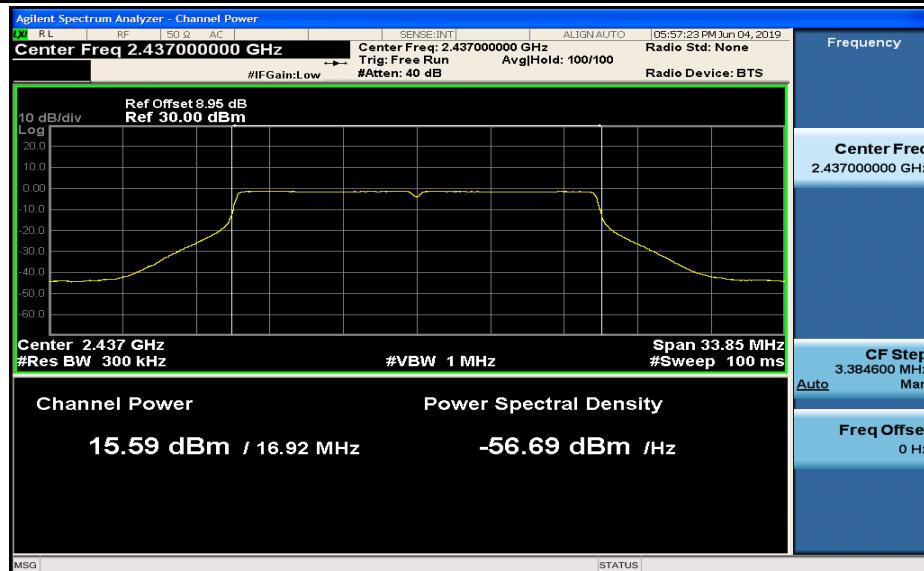
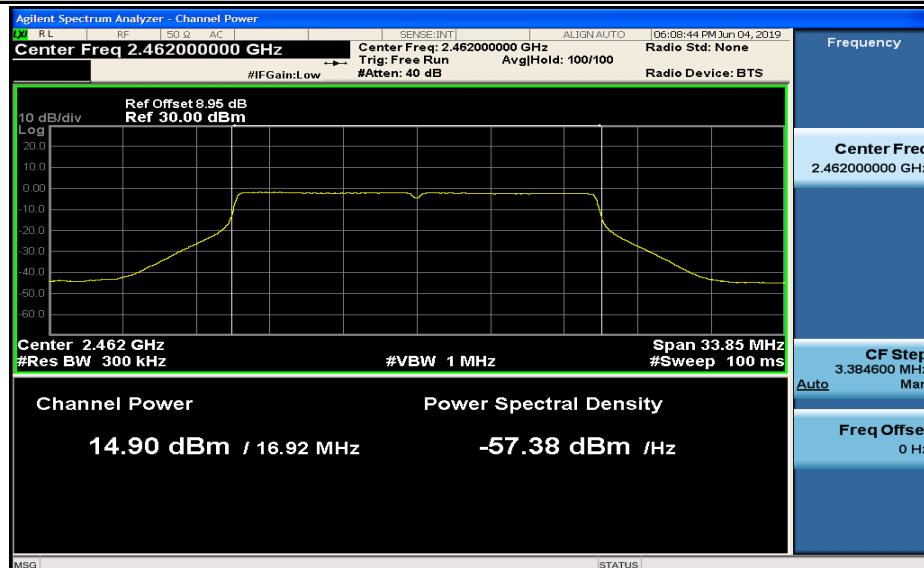


## Maximum conducted (average) output power\_11B\_2437\_Ant1

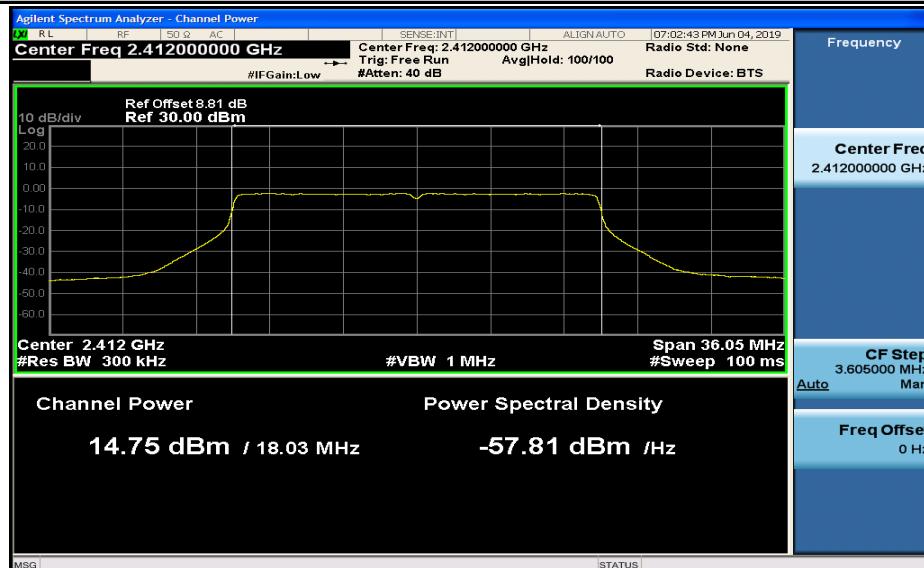


## Maximum conducted (average) output power\_11B\_2462\_Ant1

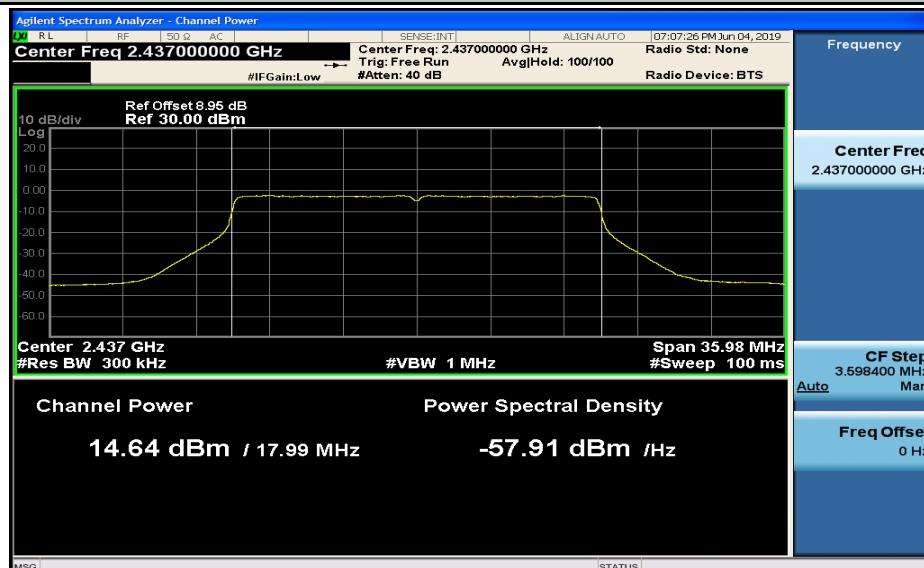


**Maximum conducted (average) output power\_11G\_2412\_Ant1****Maximum conducted (average) output power\_11G\_2437\_Ant1****Maximum conducted (average) output power\_11G\_2462\_Ant1**

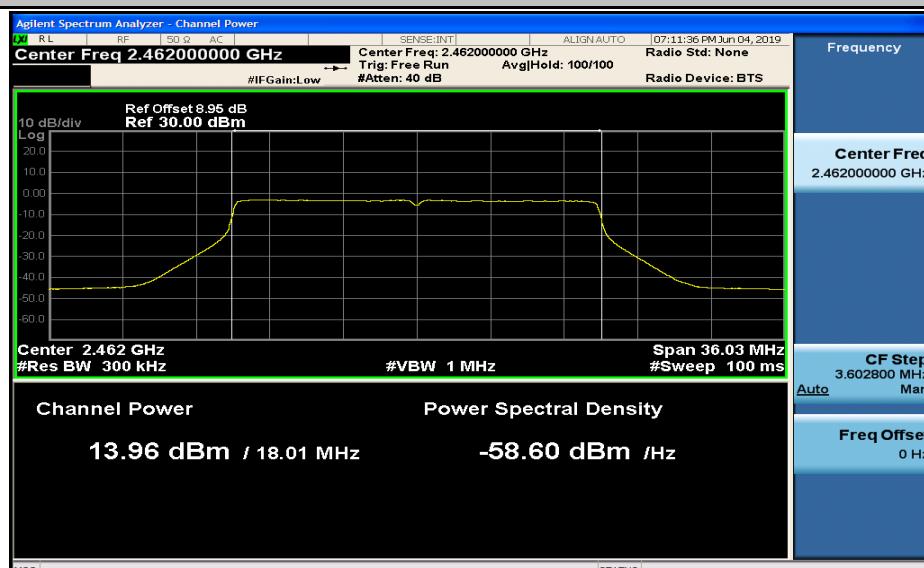
## Maximum conducted (average) output power\_11N20MIMO\_2412\_Ant1



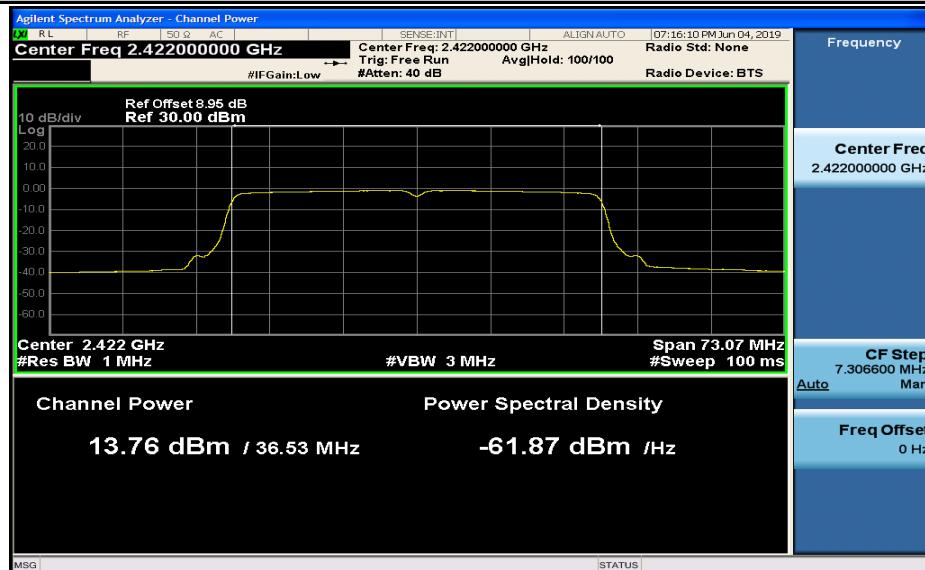
## Maximum conducted (average) output power\_11N20MIMO\_2437\_Ant1



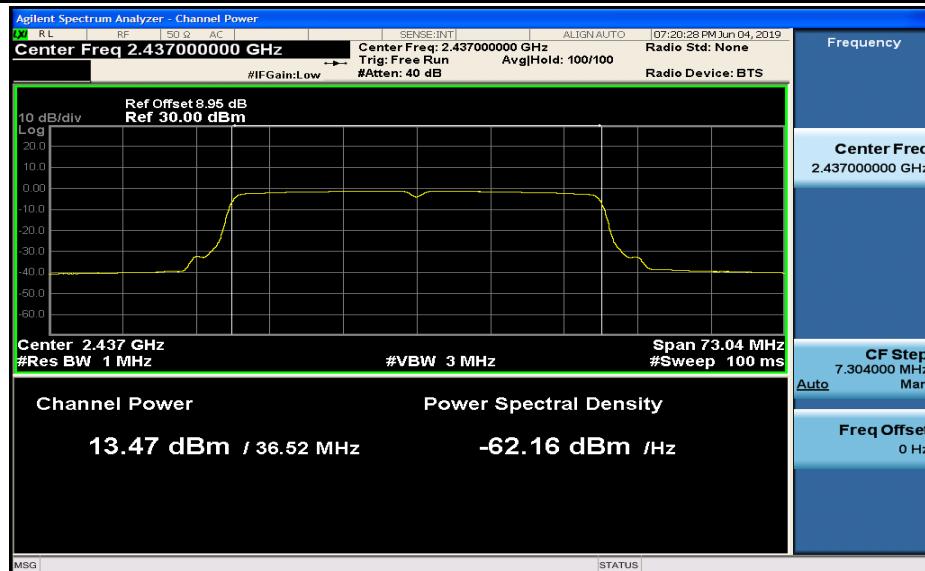
## Maximum conducted (average) output power\_11N20MIMO\_2462\_Ant1



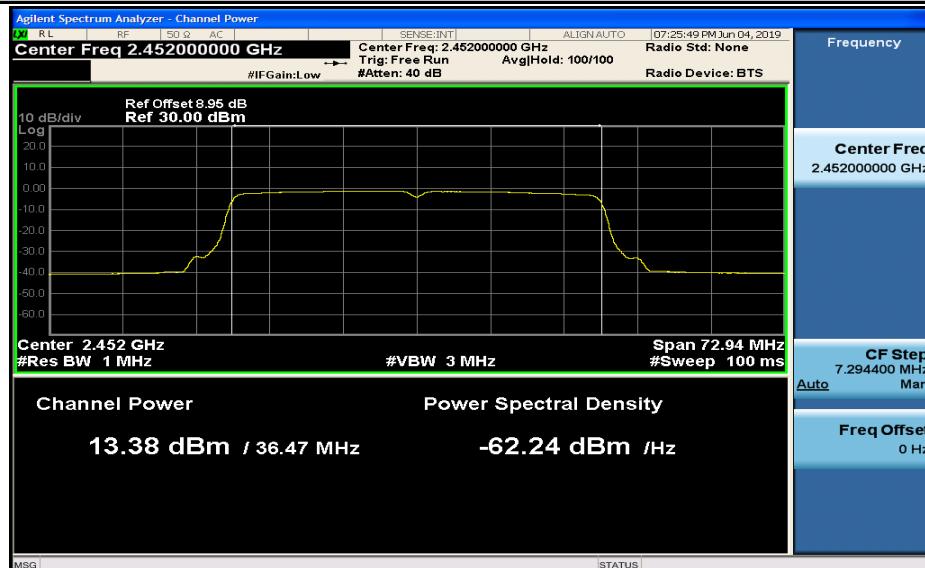
## Maximum conducted (average) output power\_11N40MIMO\_2422\_Ant1



## Maximum conducted (average) output power\_11N40MIMO\_2437\_Ant1

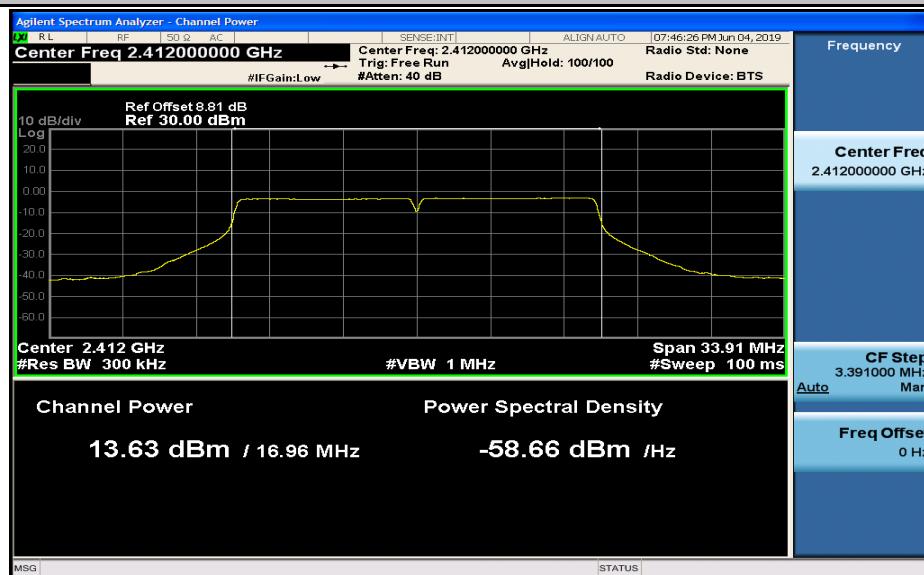


## Maximum conducted (average) output power\_11N40MIMO\_2452\_Ant1

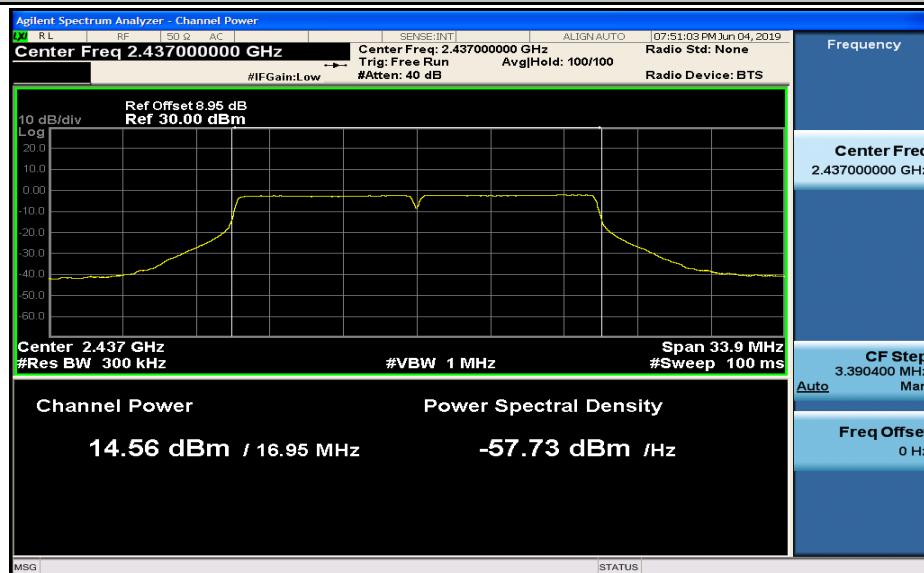


**Maximum conducted (average) output power\_11B\_2412\_Ant2****Maximum conducted (average) output power\_11B\_2437\_Ant2****Maximum conducted (average) output power\_11B\_2462\_Ant2**

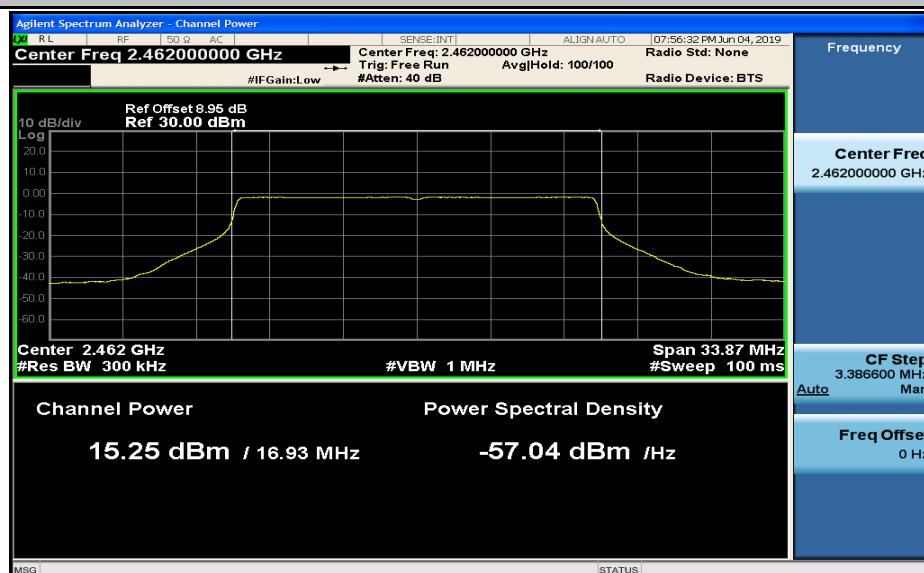
## Maximum conducted (average) output power\_11G\_2412\_Ant2



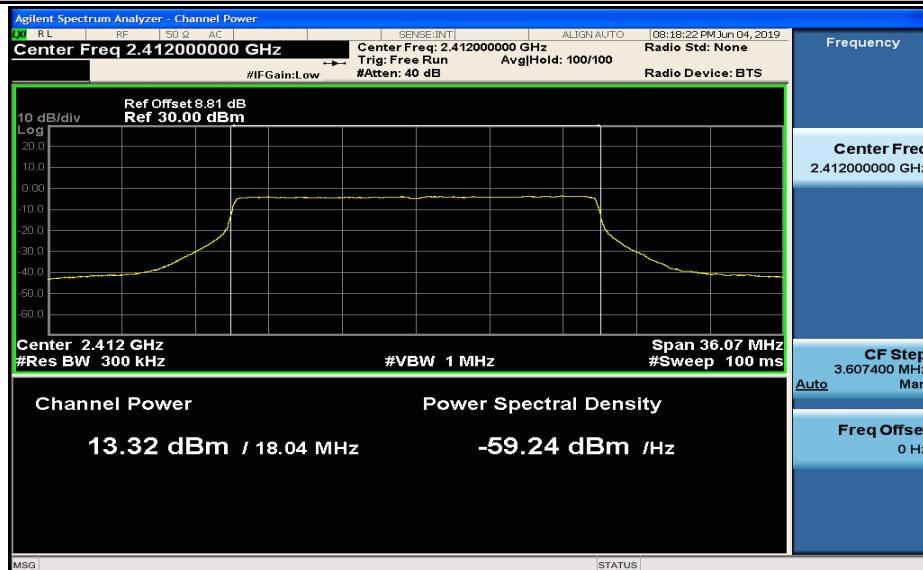
## Maximum conducted (average) output power\_11G\_2437\_Ant2



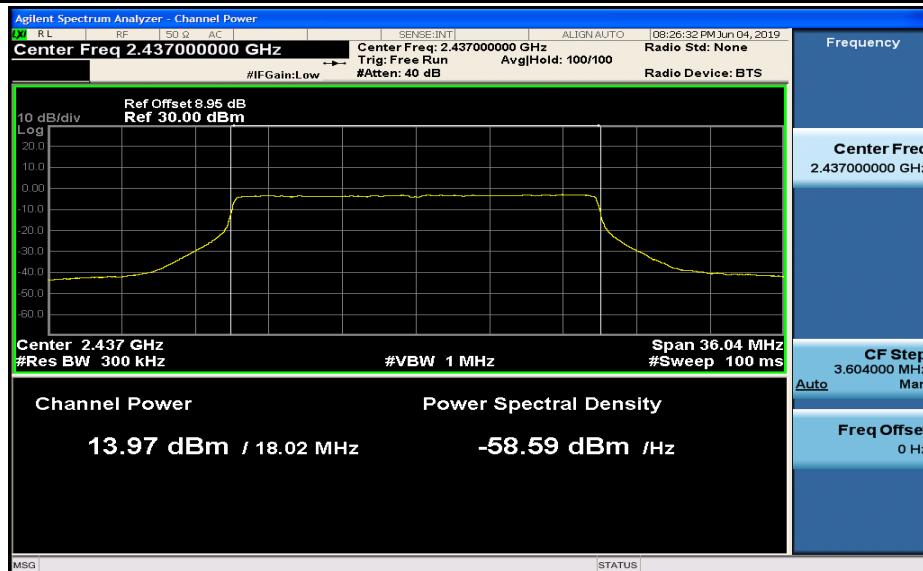
## Maximum conducted (average) output power\_11G\_2462\_Ant2



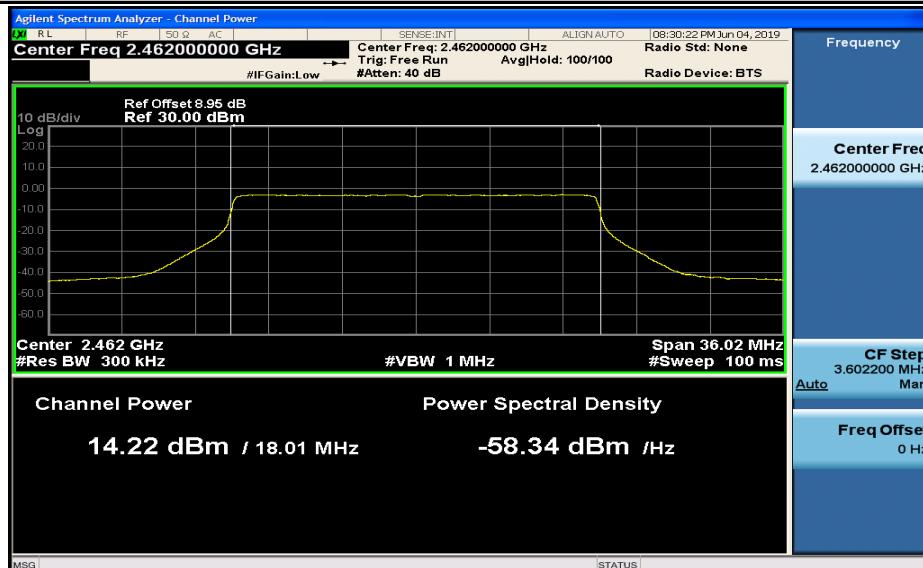
## Maximum conducted (average) output power\_11N20MIMO\_2412\_Ant2



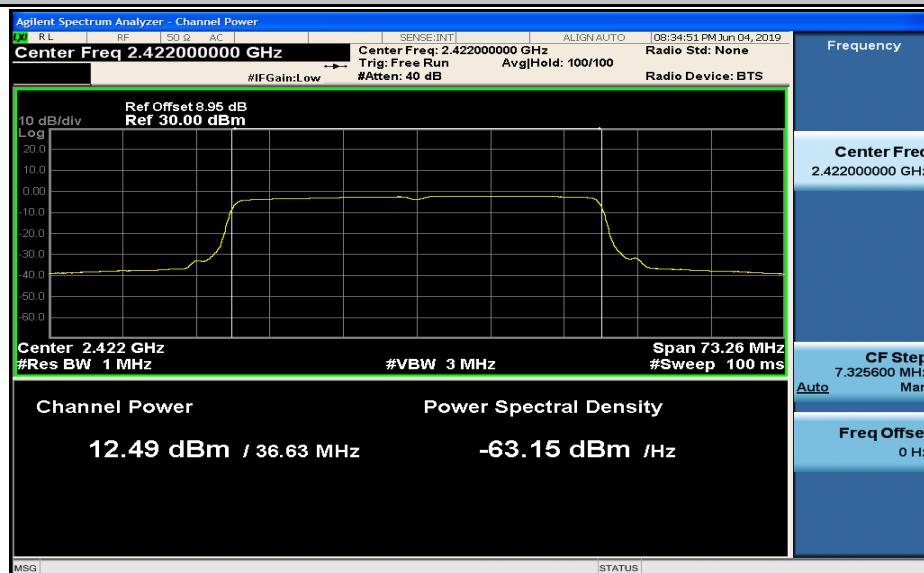
## Maximum conducted (average) output power\_11N20MIMO\_2437\_Ant2



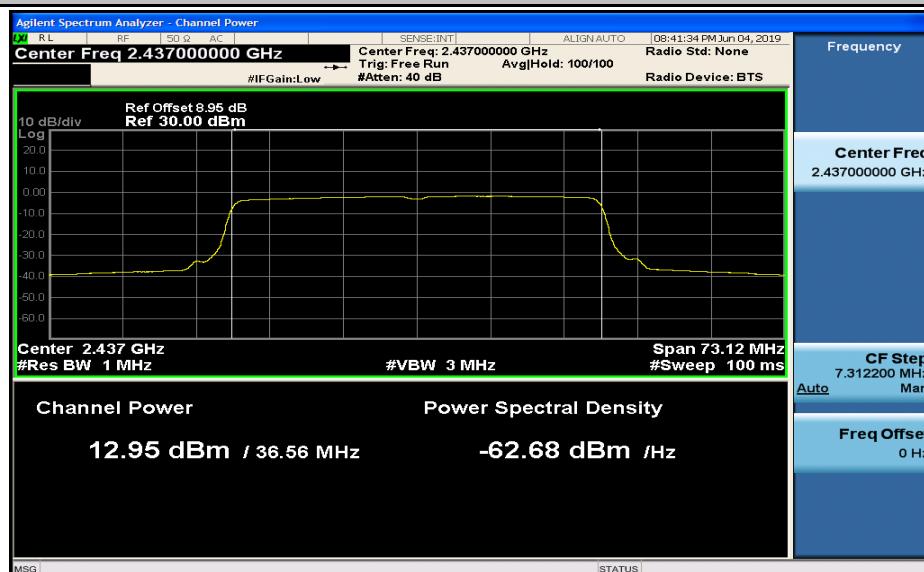
## Maximum conducted (average) output power\_11N20MIMO\_2462\_Ant2



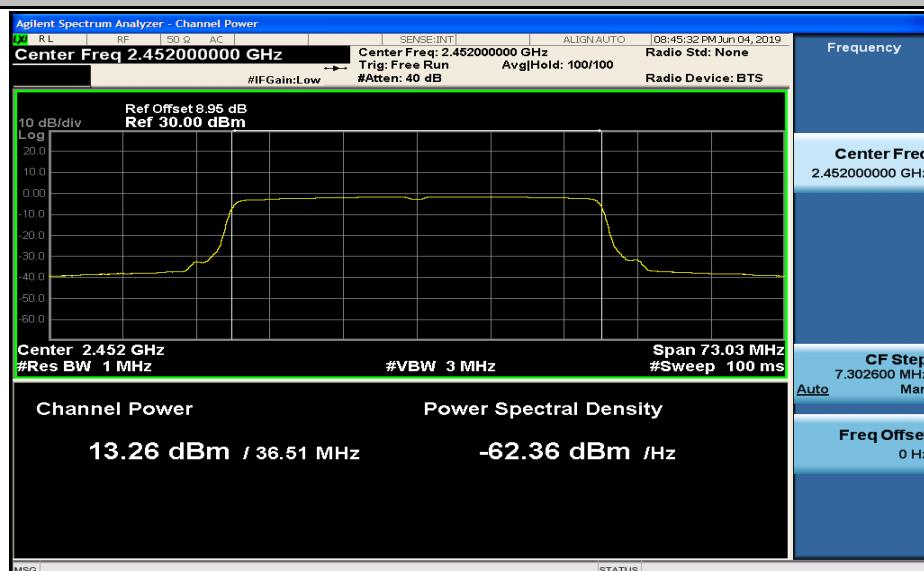
## Maximum conducted (average) output power\_11N40MIMO\_2422\_Ant2



## Maximum conducted (average) output power\_11N40MIMO\_2437\_Ant2



## Maximum conducted (average) output power\_11N40MIMO\_2452\_Ant2





4. Maximum(average) power spectral density

Test Mode	Test Channel	Level [dBm/3kHz]		10log(1/x) Factor[dB]		PSD[dBm/3kHz]			Limit[dBm/3kHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11B	2412	-16.82	-13.11	0.00	0.00	-16.82	-13.11	NA	6	PASS
11B	2437	-16.88	-18.05	0.00	0.00	-16.88	-18.05	NA	6	PASS
11B	2462	-14.00	-17.49	0.00	0.00	-14.00	-17.49	NA	6	PASS
11G	2412	-13.83	-21.06	0.00	0.00	-13.83	-21.06	NA	6	PASS
11G	2437	-13.84	-11.88	0.00	0.00	-13.84	-11.88	NA	6	PASS
11G	2462	-14.48	-11.35	0.00	0.00	-14.48	-11.35	NA	6	PASS
11N20MIMO	2412	-14.77	-14.07	0.00	0.00	-14.77	-14.07	-11.40	3.00	PASS
11N20MIMO	2437	-14.89	-12.99	0.00	0.00	-14.89	-12.99	-10.83	3.00	PASS
11N20MIMO	2462	-15.47	-12.62	0.00	0.00	-15.47	-12.62	-10.80	3.00	PASS
11N40MIMO	2422	-18.00	-16.46	0.00	0.00	-18.00	-16.46	-14.15	3.00	PASS
11N40MIMO	2437	-17.75	-16.13	0.00	0.00	-17.75	-16.13	-13.85	3.00	PASS
11N40MIMO	2452	-18.17	-15.94	0.00	0.00	-18.17	-15.94	-13.90	3.00	PASS

## Maximum(average) power spectral density\_11B\_2412\_Ant1



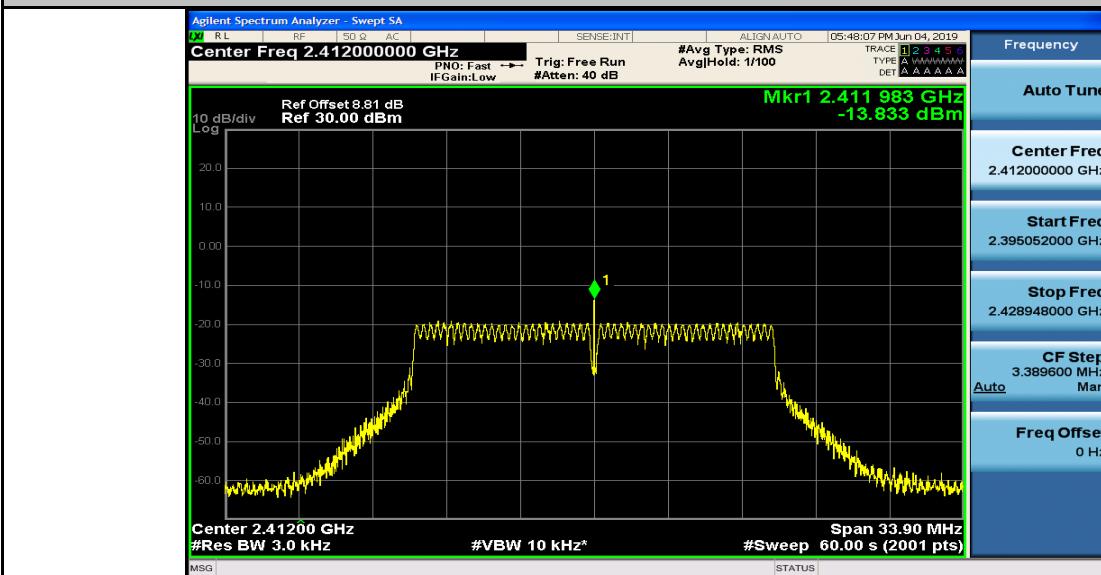
## Maximum(average) power spectral density\_11B\_2437\_Ant1



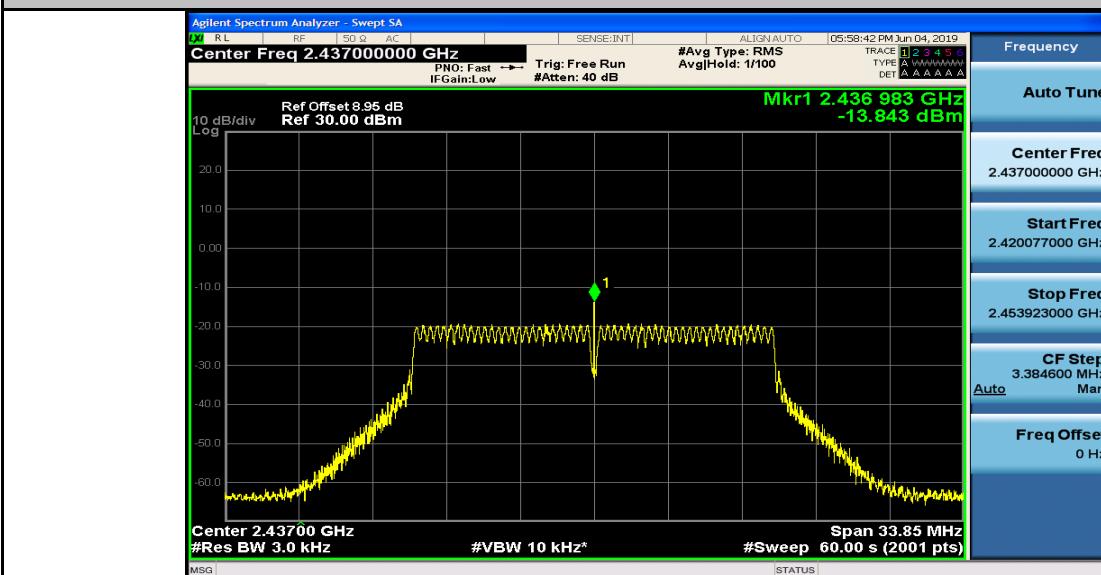
## Maximum(average) power spectral density\_11B\_2462\_Ant1



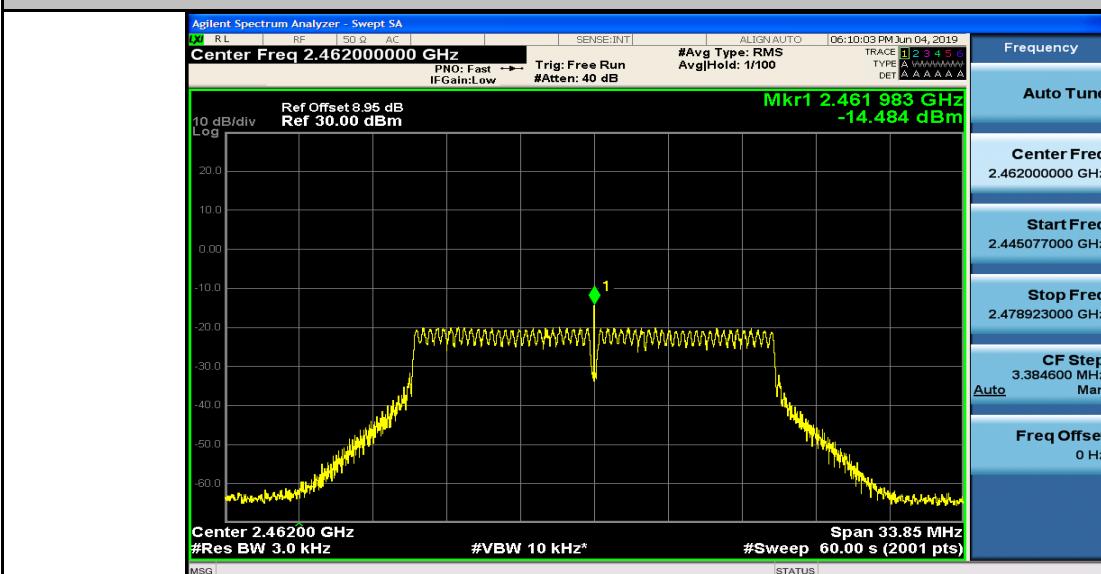
## Maximum(average) power spectral density\_11G\_2412\_Ant1



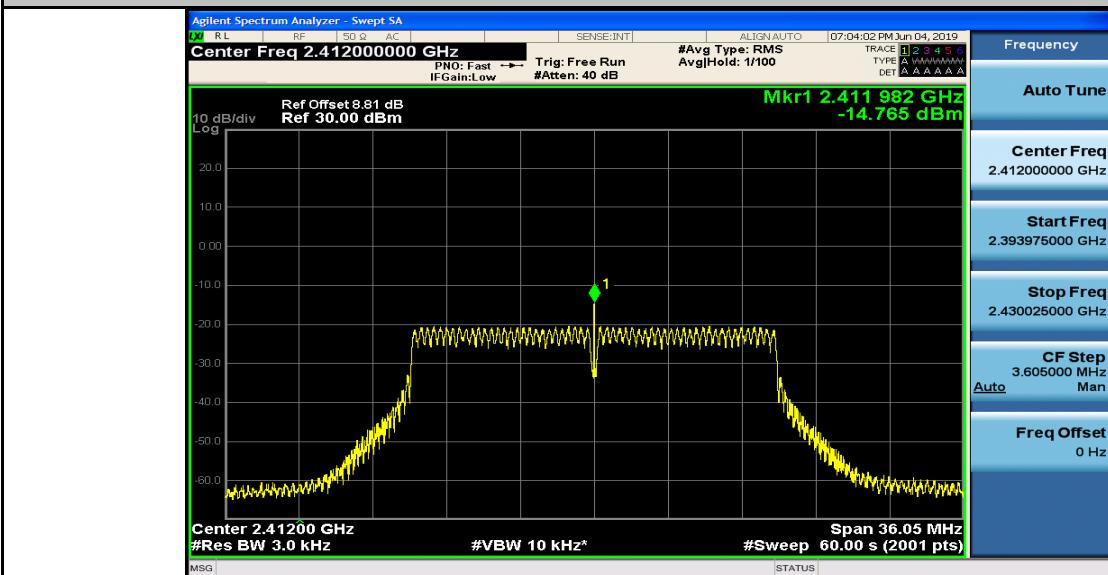
## Maximum(average) power spectral density\_11G\_2437\_Ant1



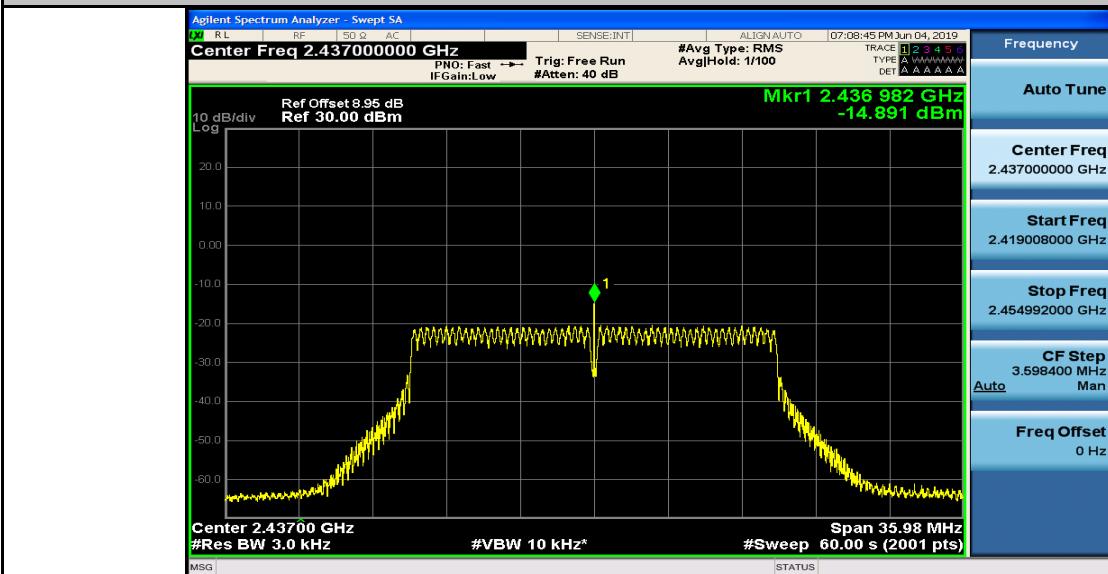
## Maximum(average) power spectral density\_11G\_2462\_Ant1



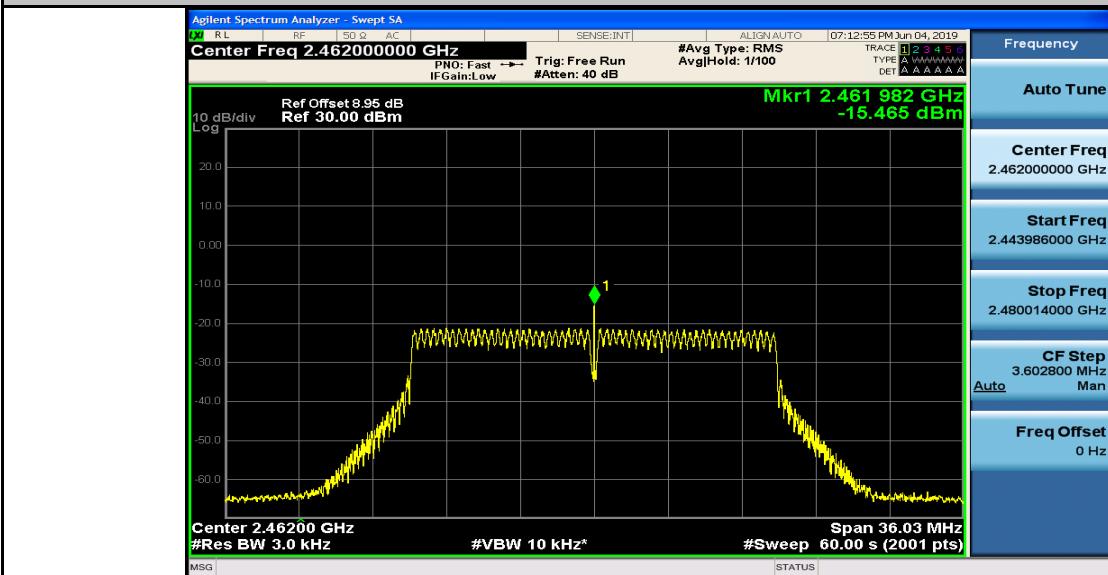
## Maximum(average) power spectral density\_11N20MIMO\_2412\_Ant1



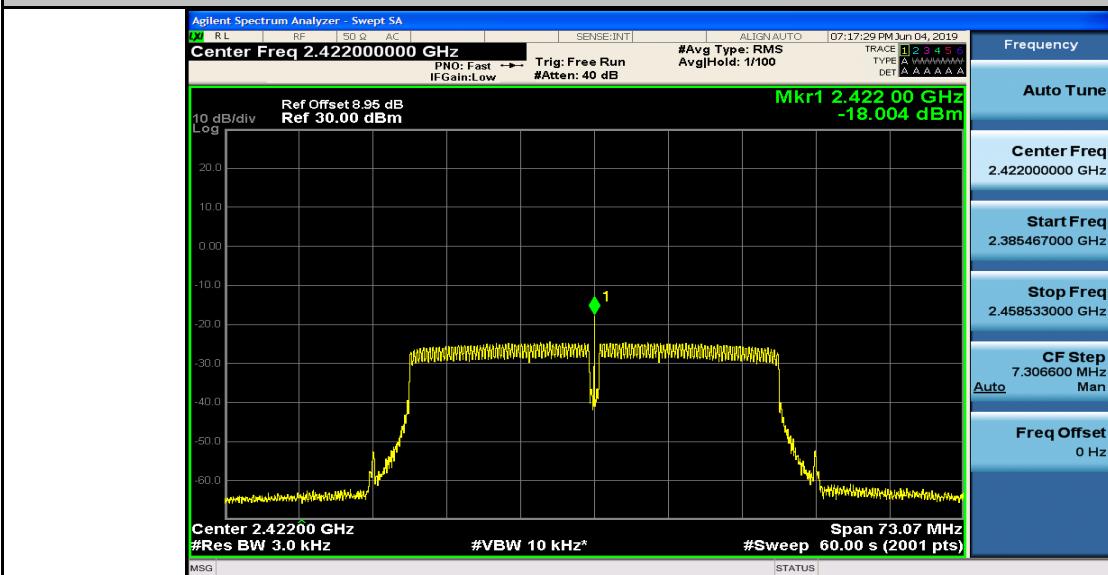
## Maximum(average) power spectral density\_11N20MIMO\_2437\_Ant1



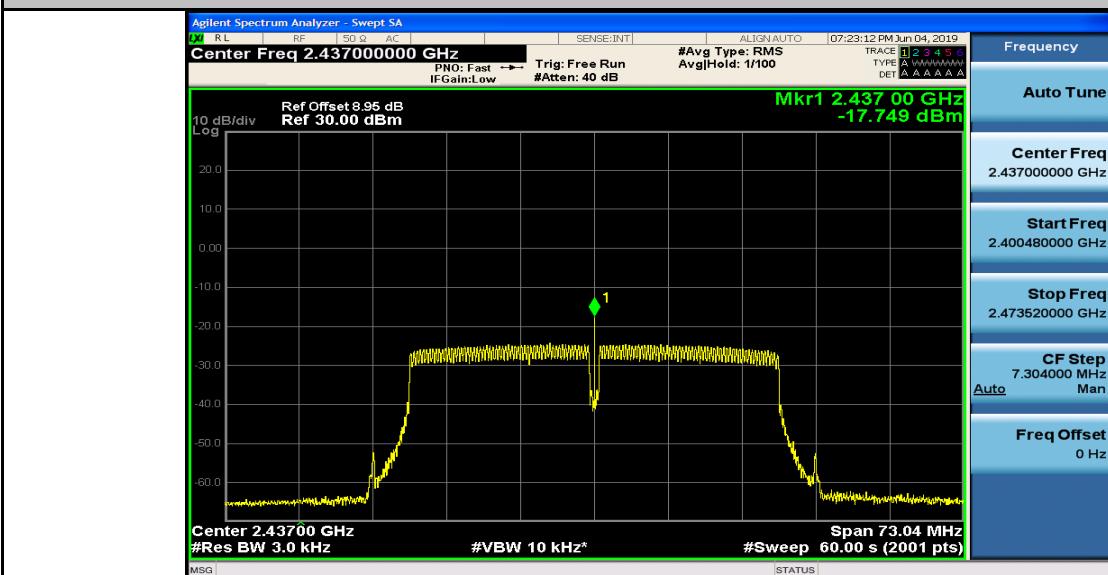
## Maximum(average) power spectral density\_11N20MIMO\_2462\_Ant1



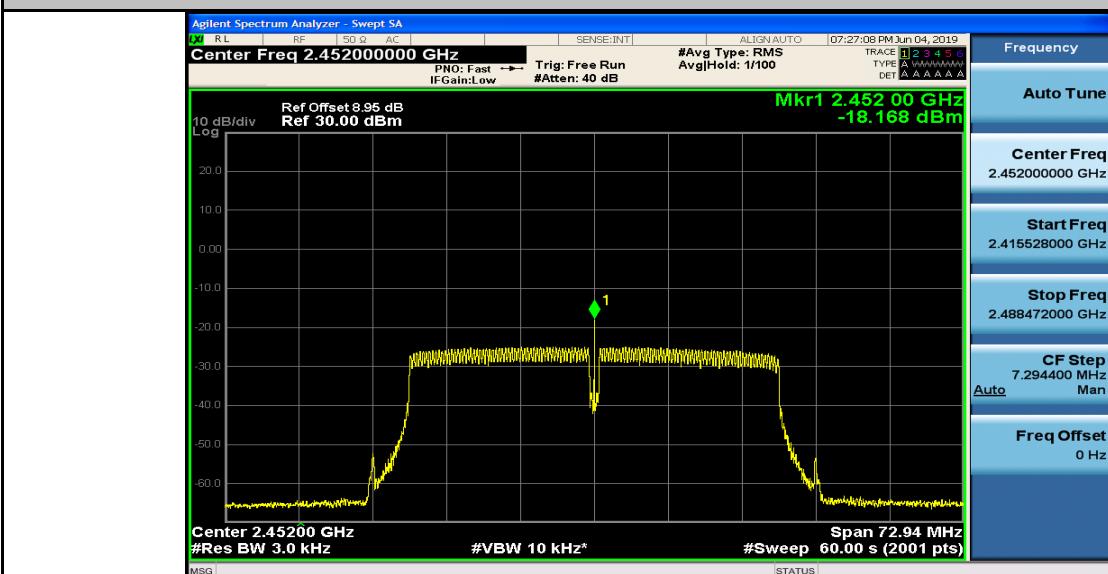
## Maximum(average) power spectral density\_11N40MIMO\_2422\_Ant1



## Maximum(average) power spectral density\_11N40MIMO\_2437\_Ant1



## Maximum(average) power spectral density\_11N40MIMO\_2452\_Ant1



## Maximum(average) power spectral density\_11B\_2412\_Ant2



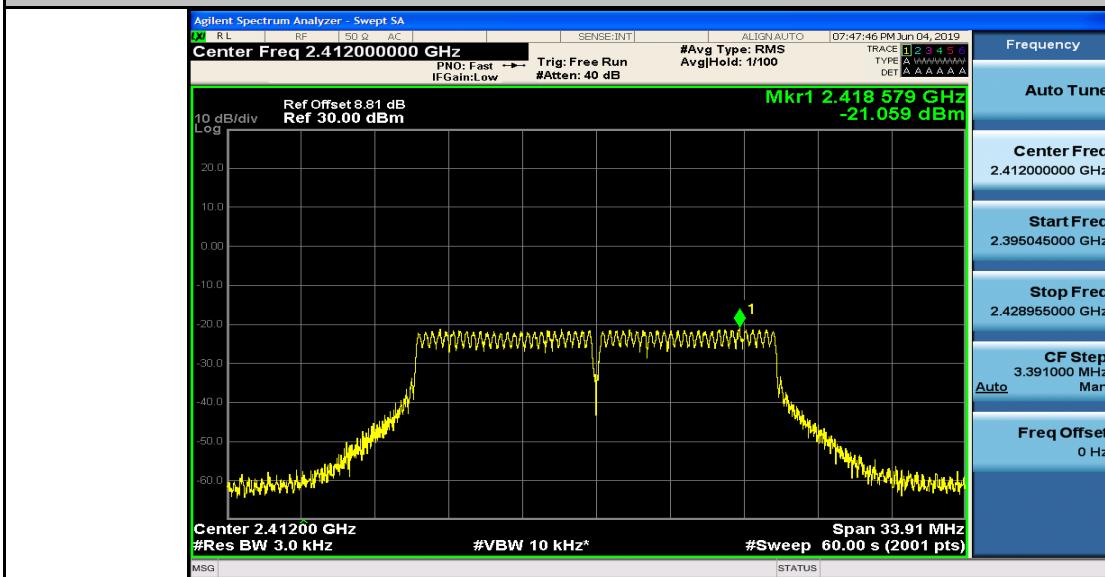
## Maximum(average) power spectral density\_11B\_2437\_Ant2



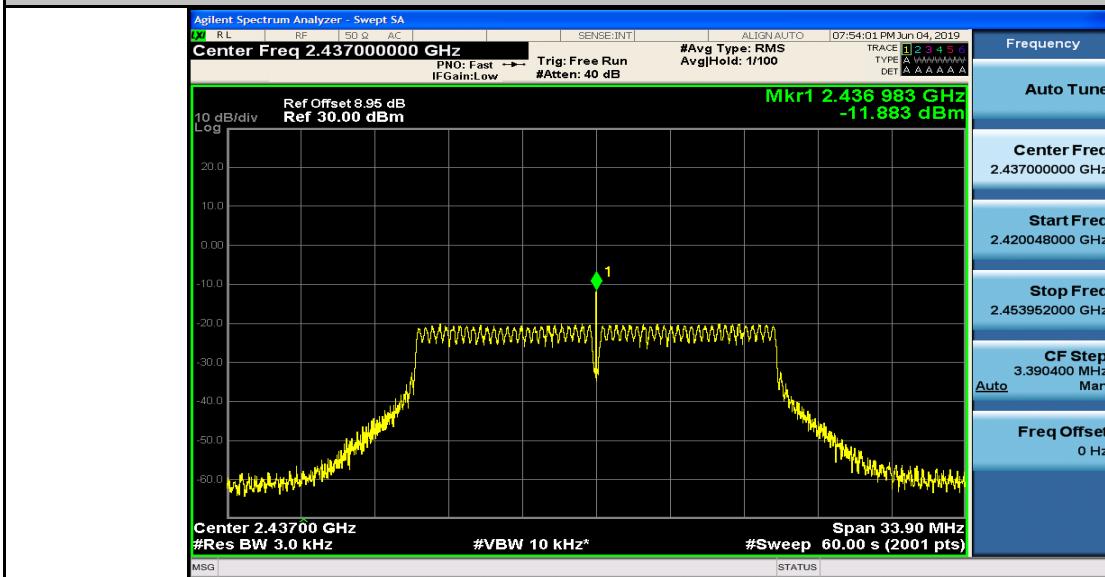
## Maximum(average) power spectral density\_11B\_2462\_Ant2



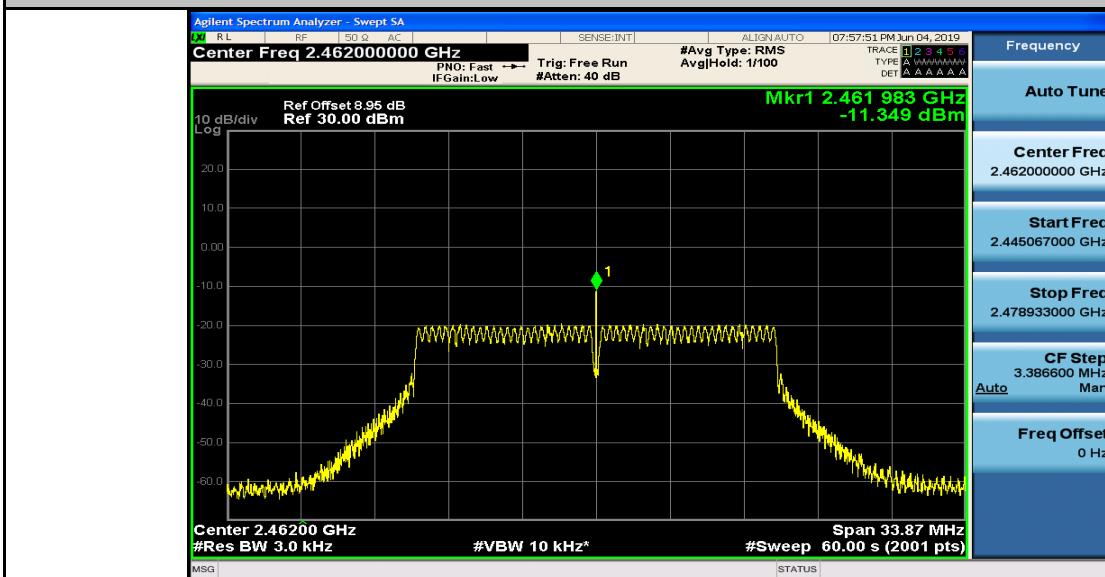
## Maximum(average) power spectral density\_11G\_2412\_Ant2



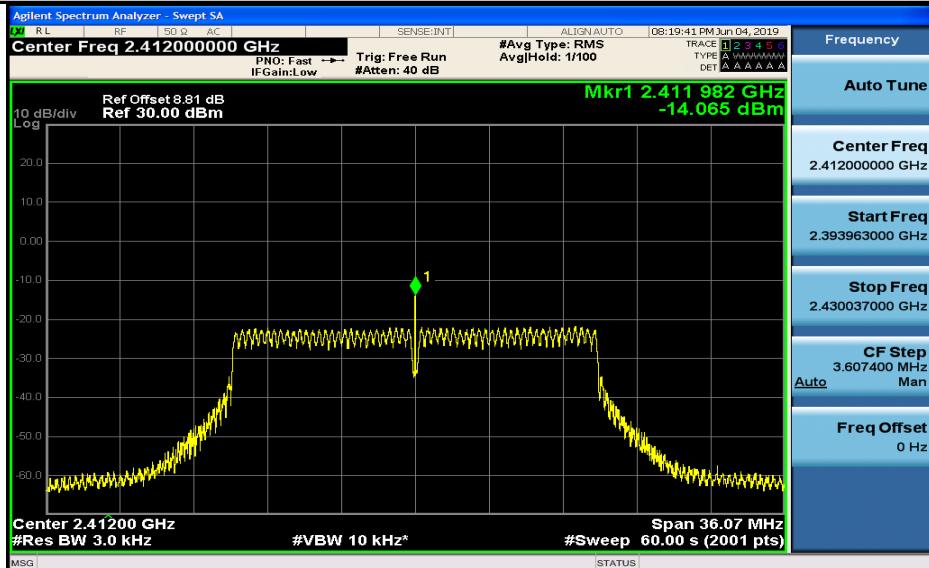
## Maximum(average) power spectral density\_11G\_2437\_Ant2



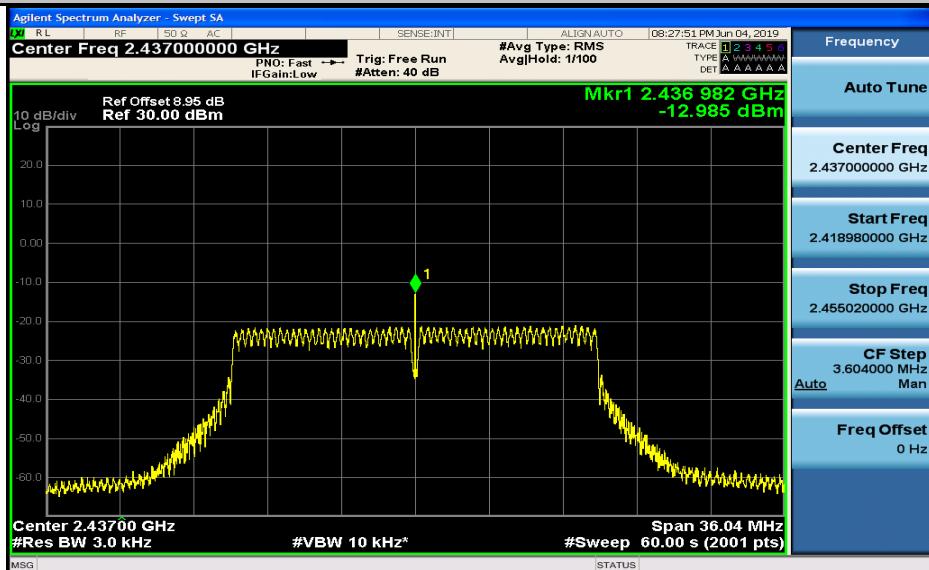
## Maximum(average) power spectral density\_11G\_2462\_Ant2



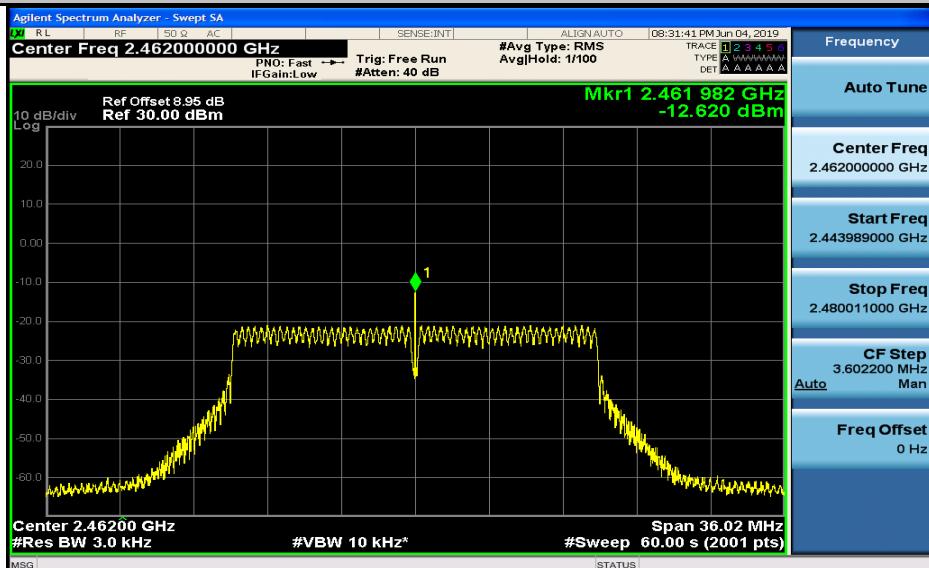
## Maximum(average) power spectral density\_11N20MIMO\_2412\_Ant2



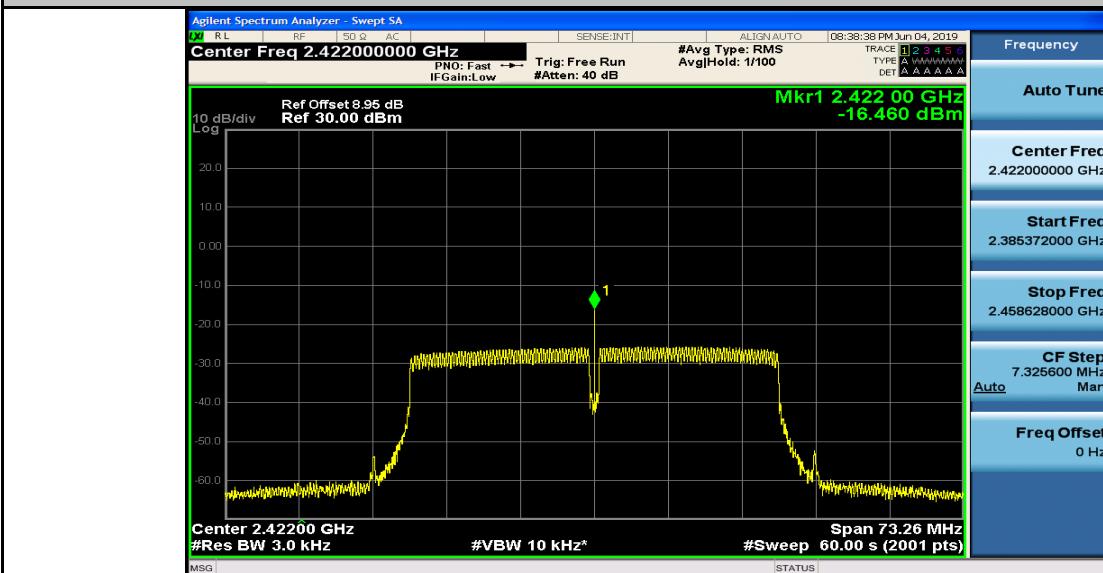
## Maximum(average) power spectral density\_11N20MIMO\_2437\_Ant2



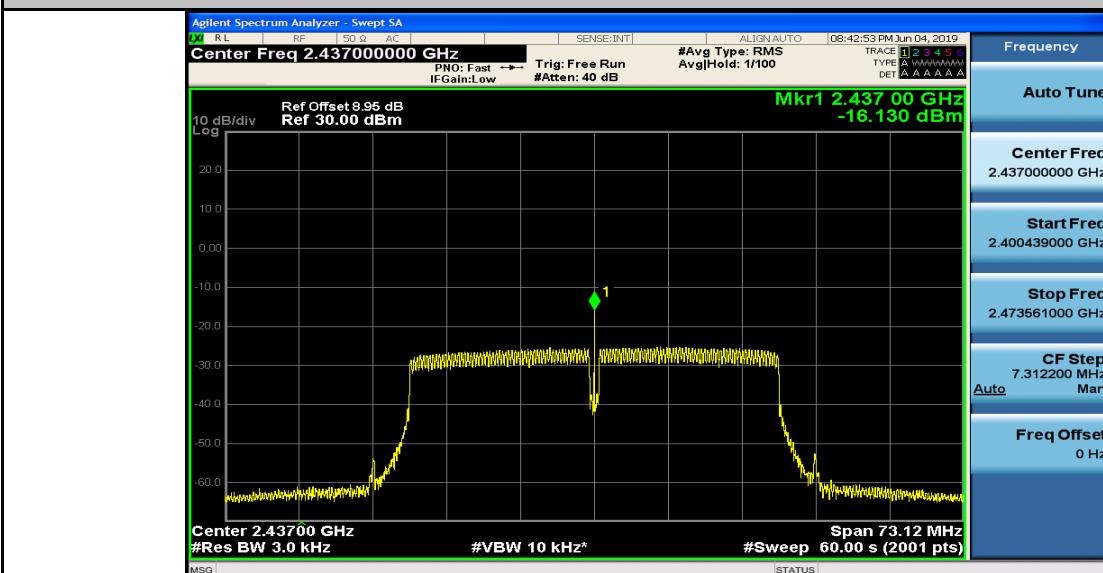
## Maximum(average) power spectral density\_11N20MIMO\_2462\_Ant2



## Maximum(average) power spectral density\_11N40MIMO\_2422\_Ant2



## Maximum(average) power spectral density\_11N40MIMO\_2437\_Ant2



## Maximum(average) power spectral density\_11N40MIMO\_2452\_Ant2

