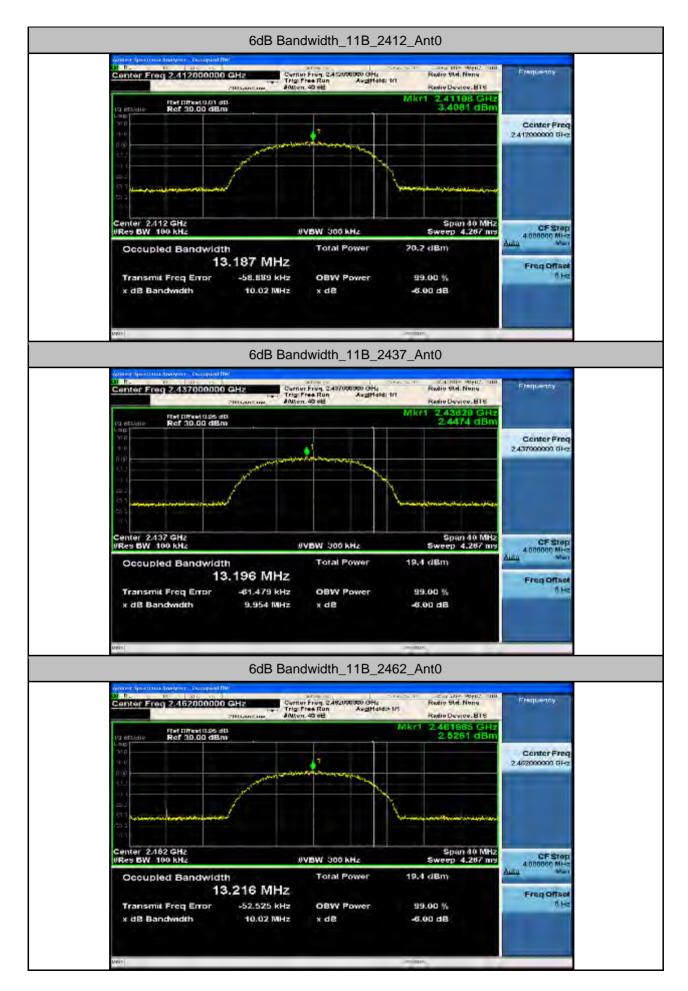
Appendix A for SHEM180400246701

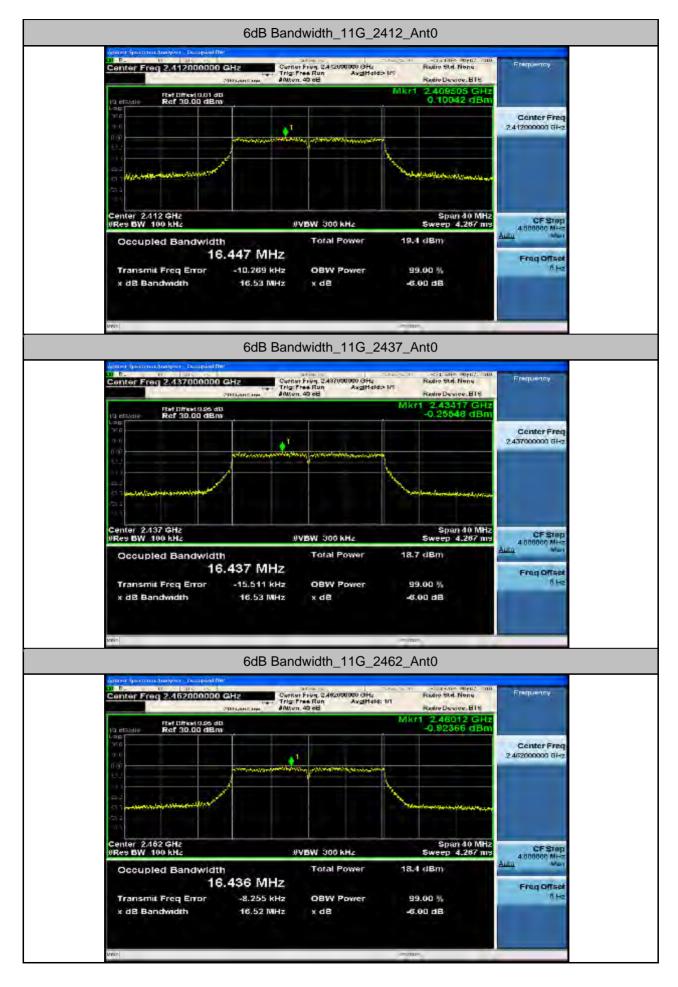
1.6dB Bandwidth

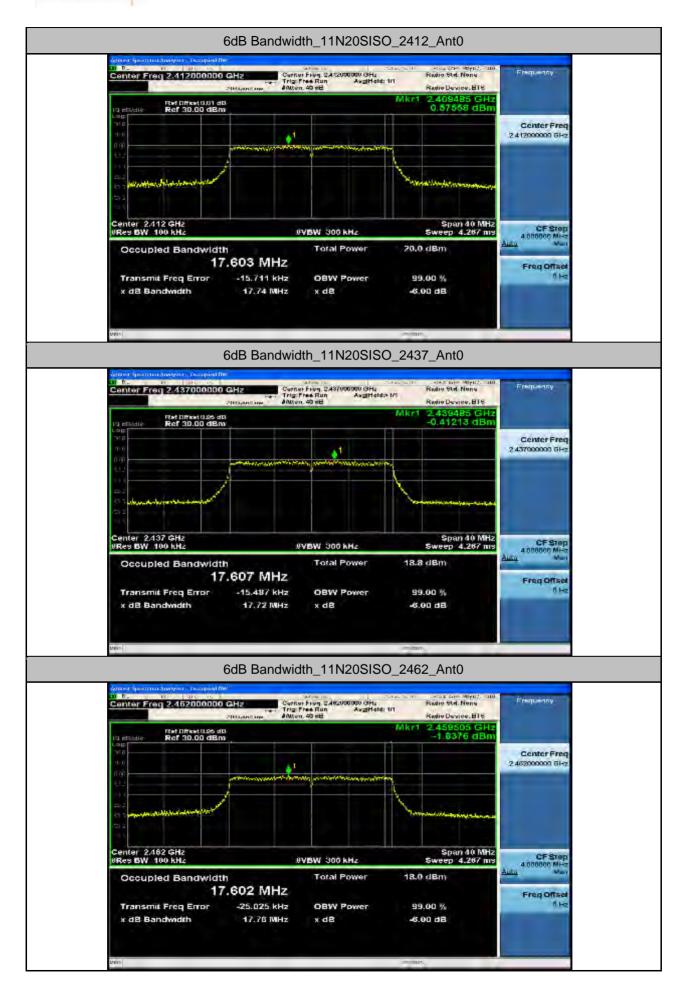
Test Mode	Test Channel	EBW[I	MHz]	Limit	Verdict	
rest Mode		ANT0	ANT1	Limit		
11B	2412	10.02	10.02	0.5	PASS	
11B	2437	9.95	9.91	0.5	PASS	
11B	2462	10.02	10.02	0.5	PASS	
11G	2412	16.53	16.54	0.5	PASS	
11G	2437	16.53	16.53	0.5	PASS	
11G	2462	16.52	16.54	0.5	PASS	
11N20SISO	2412	17.74	17.71	0.5	PASS	
11N20SISO	2437	17.72	17.71	0.5	PASS	
11N20SISO	2462	17.76	17.73	0.5	PASS	
11N40SISO	2422	36.38	36.45	0.5	PASS	
11N40SISO	2437	36.43	36.48	0.5	PASS	
11N40SISO	2452	36.37	36.45	0.5	PASS	

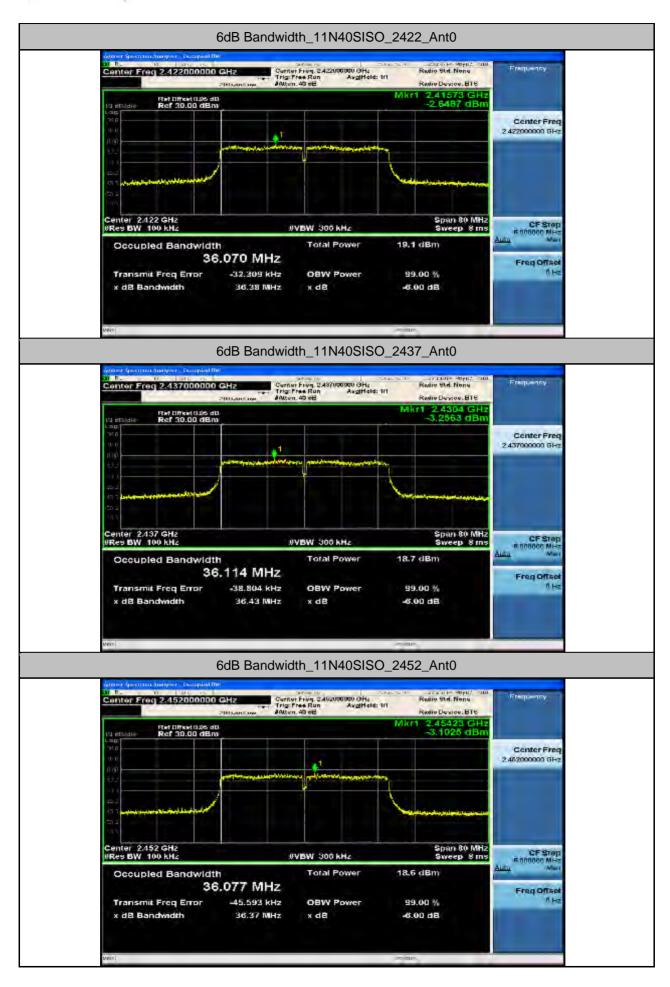




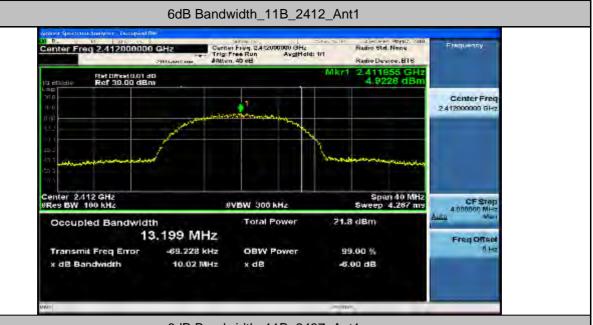










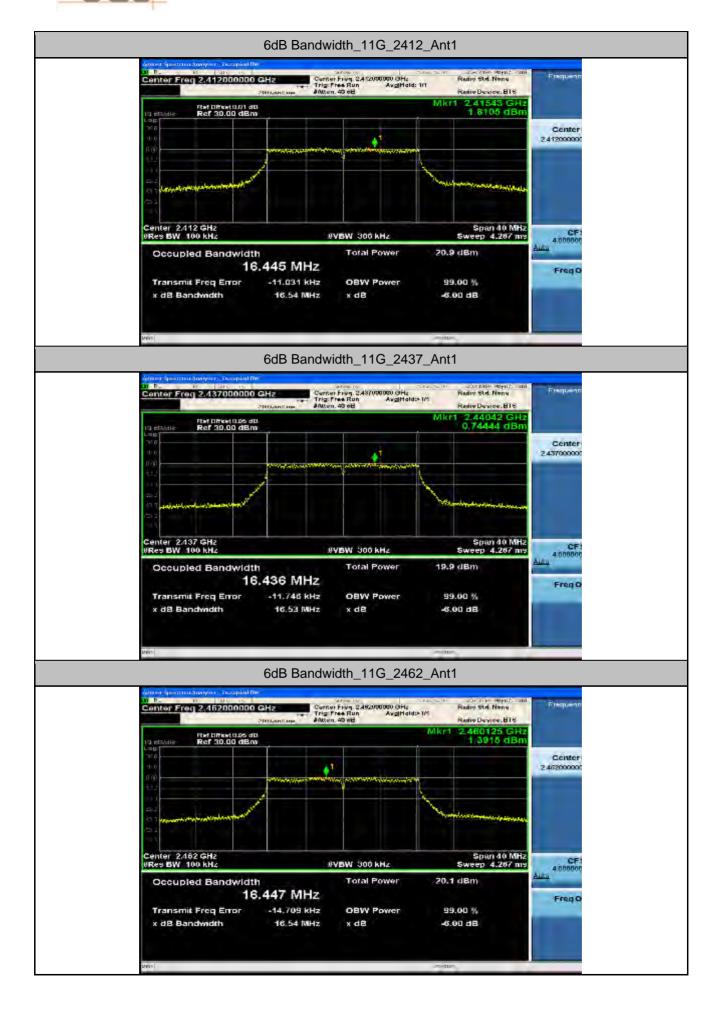


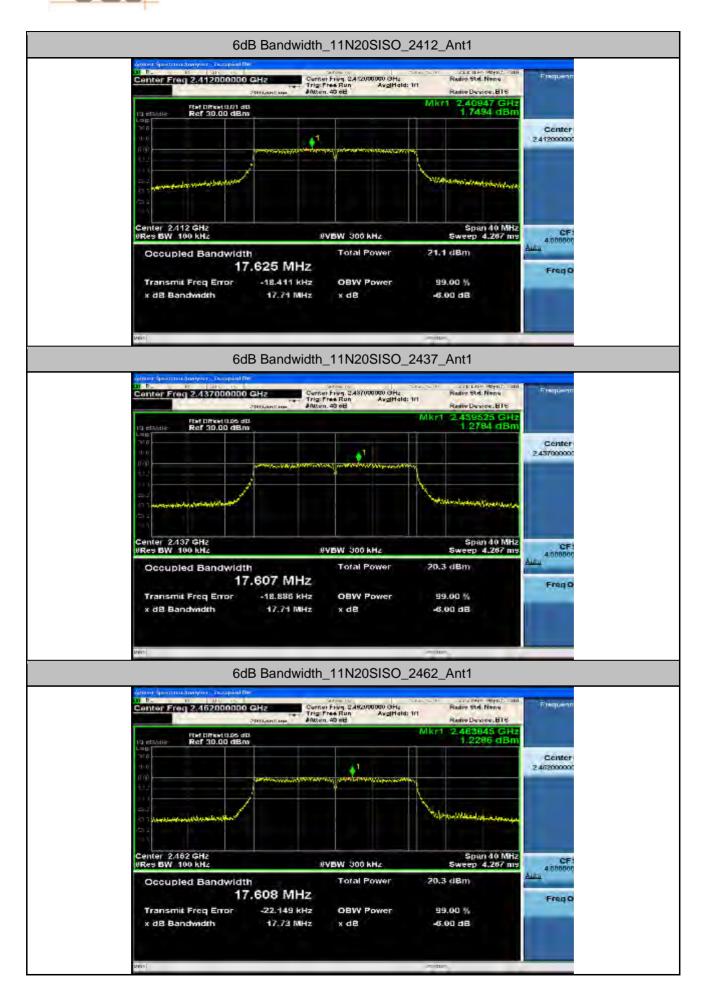
6dB Bandwidth_11B_2437_Ant1

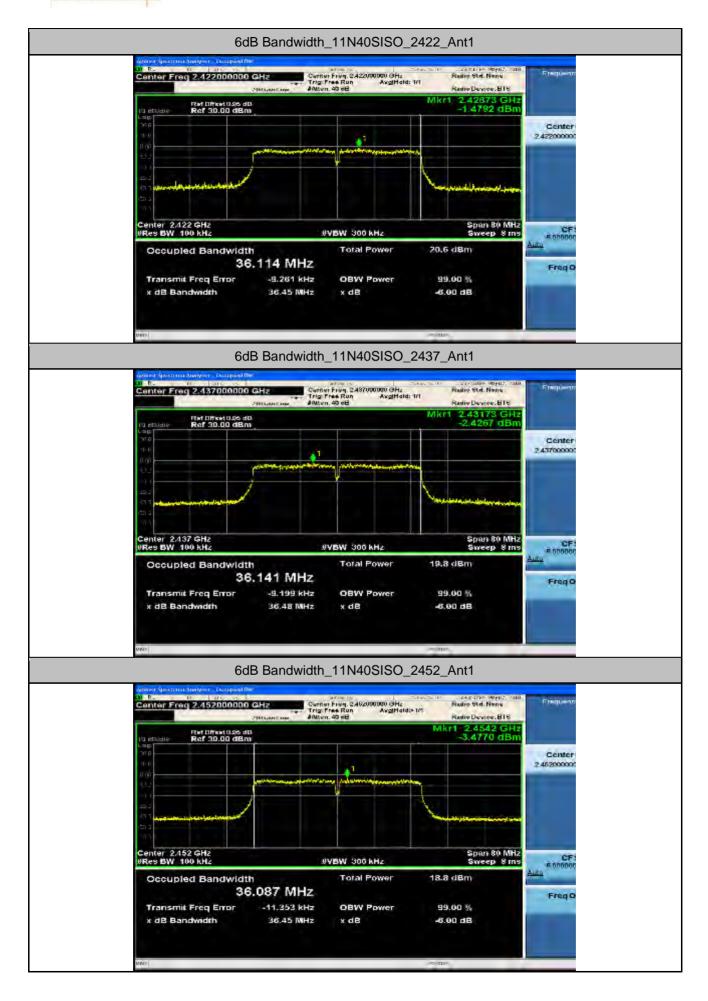


6dB Bandwidth 11B 2462 Ant1





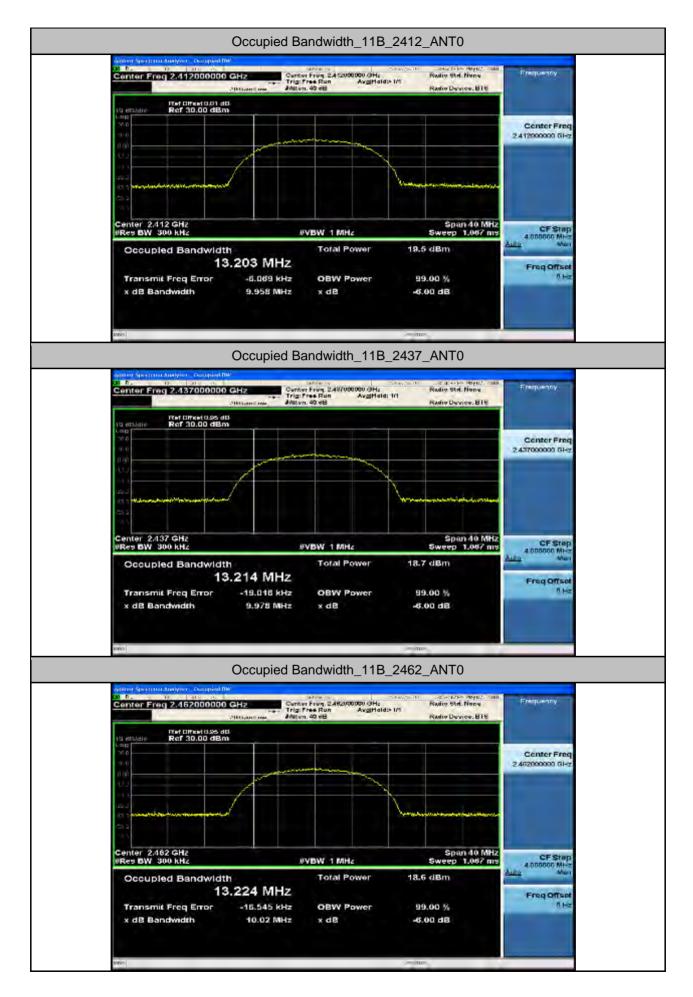


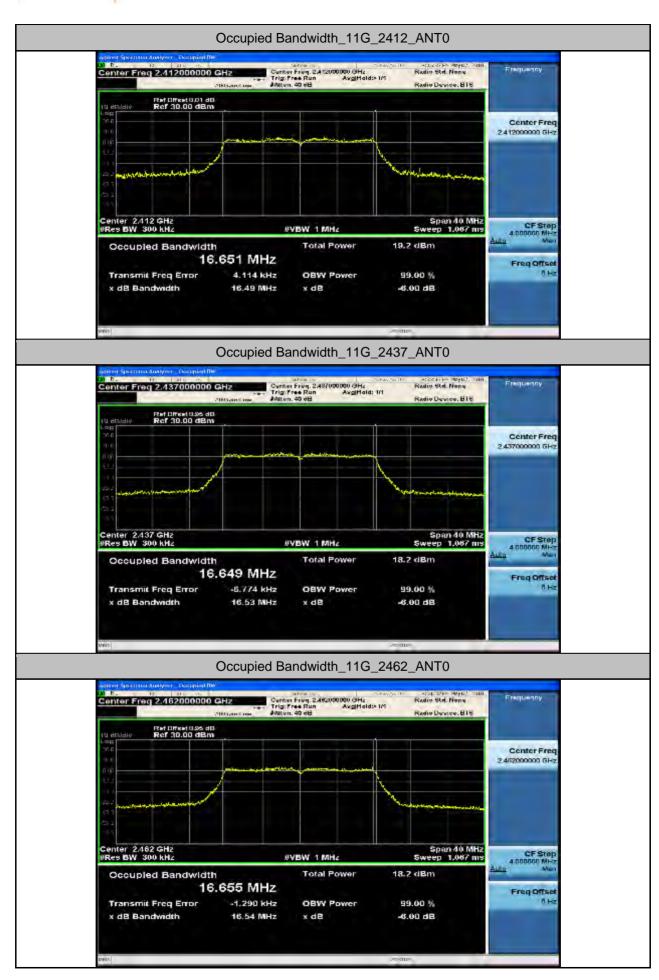


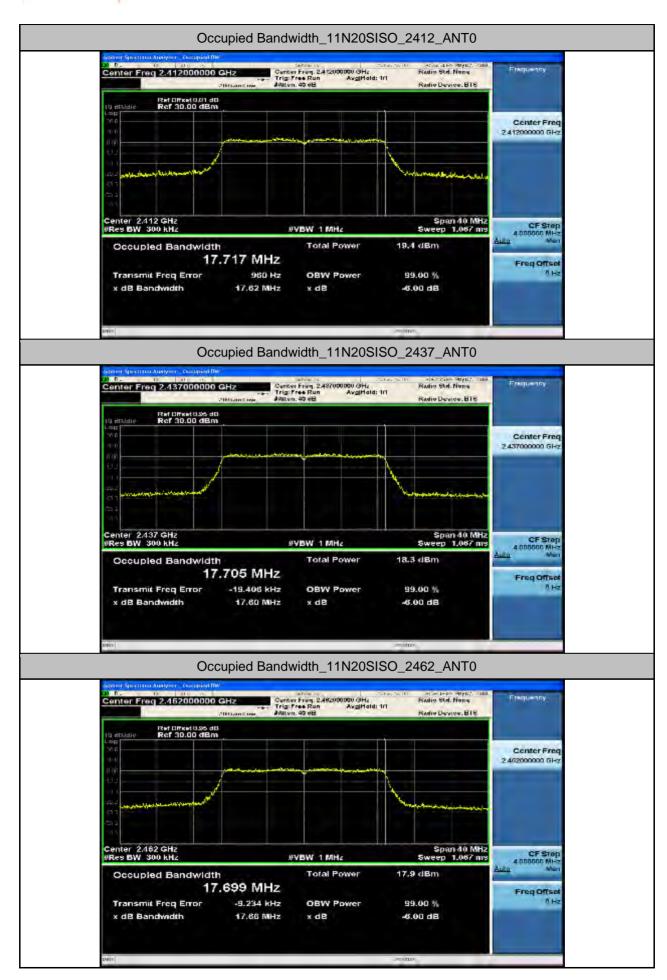
2.Occupied Bandwidth

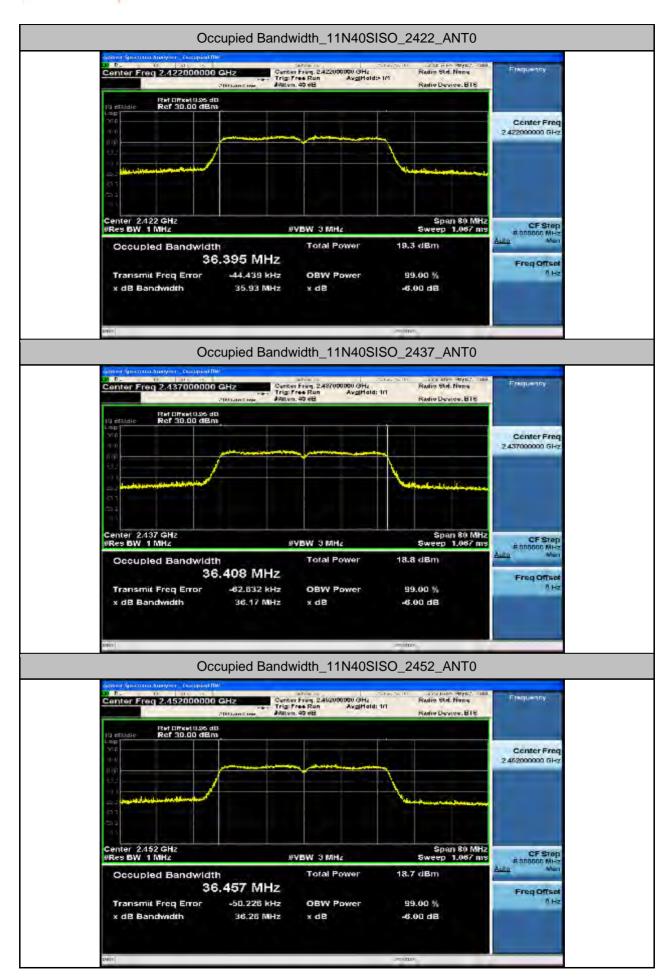
Test Mode	Test Channel	OBW[MHz] ANT0	OBW[MHz] ANT1	Limit[MHz]	Verdict
11B	2412	13.20	13.20		PASS
11B	2437	13.21	13.20		PASS
11B	2462	13.22	13.19		PASS
11G	2412	16.65	16.72		PASS
11G	2437	16.65	16.66		PASS
11G	2462	16.66	16.66		PASS
11N20SISO	2412	17.72	17.73		PASS
11N20SISO	2437	17.71	17.70		PASS
11N20SISO	2462	17.70	17.70		PASS
11N40SISO	2422	36.40	36.42		PASS
11N40SISO	2437	36.41	36.38		PASS
11N40SISO	2452	36.46	36.40		PASS

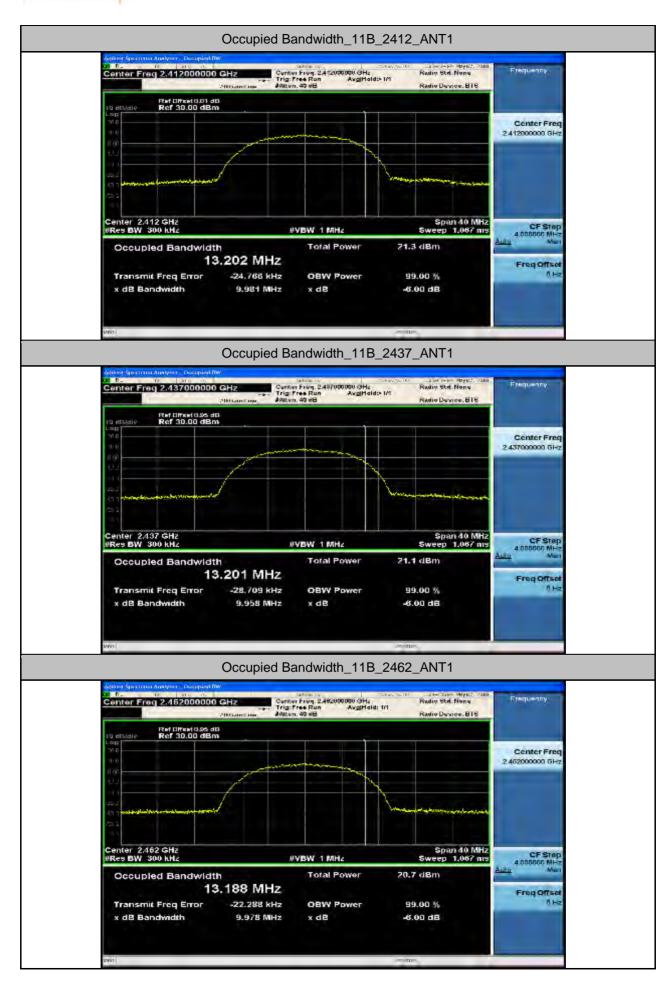


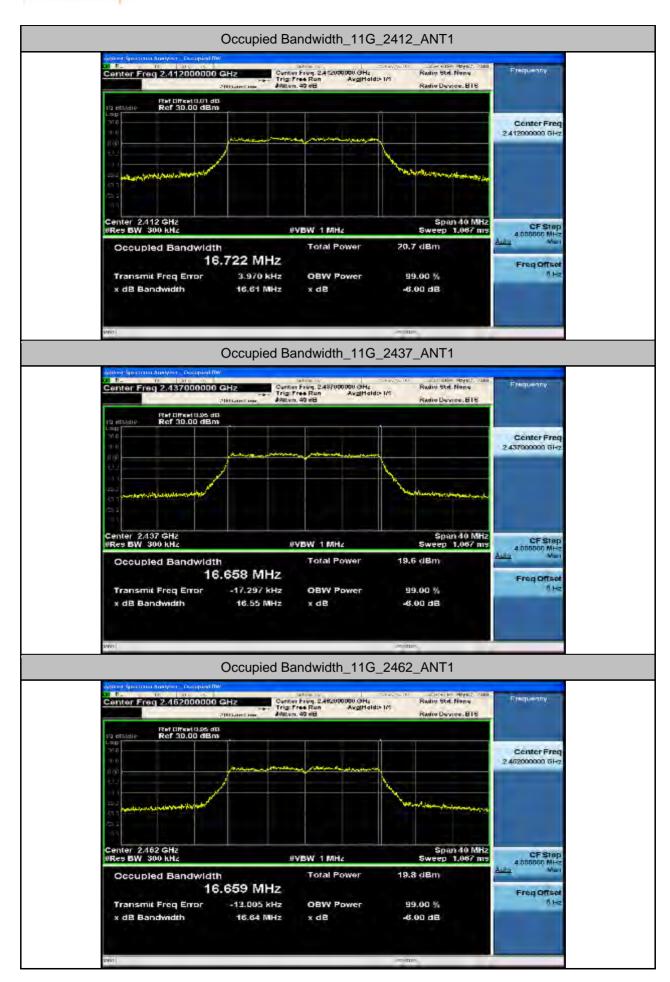


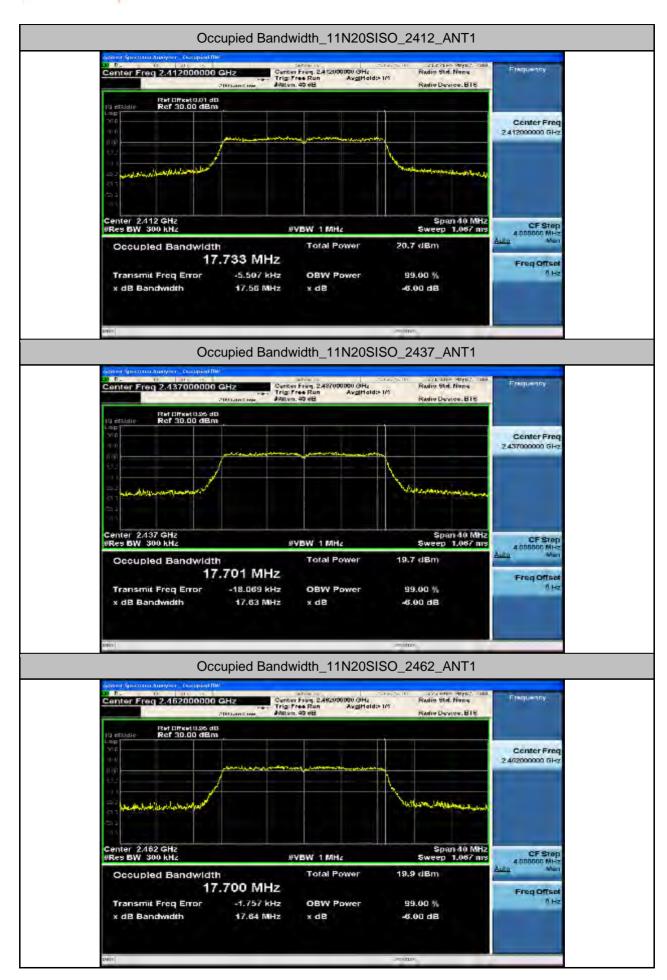


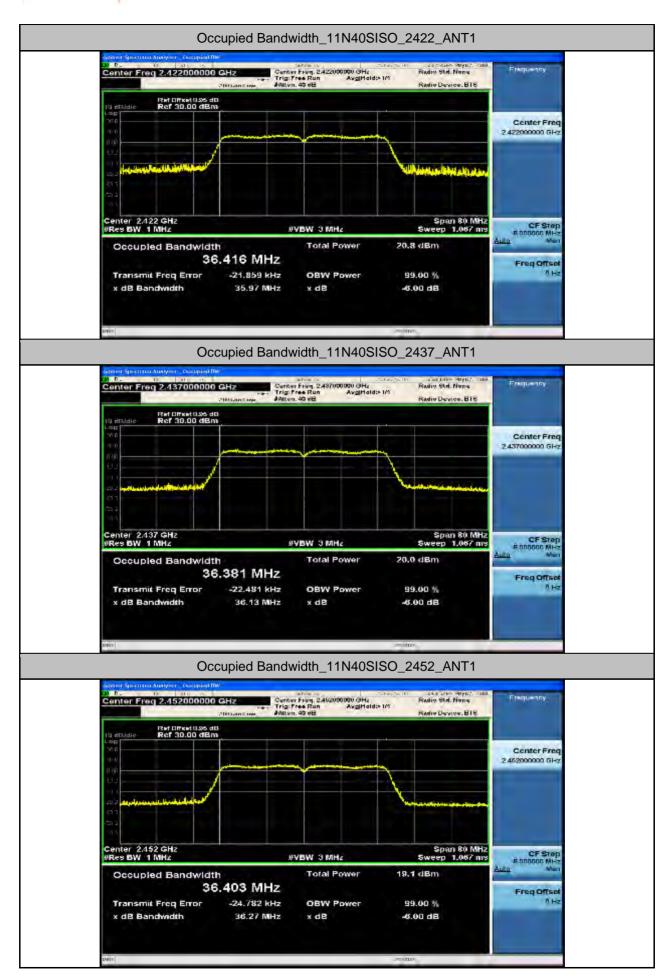










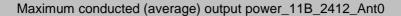




3.Maximum conducted (average) output power

Test Test Channel		_	vel Bm]	10log(1/x) Factor[dB]		Power [dBm]			Limit	Verdict
	ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO	[dBm]		
11B	2412	12.37	14.13	0.00	0.00	12.37	14.13	N/A	30	PASS
11B	2437	11.54	13.94	0.00	0.00	11.54	13.94	N/A	30	PASS
11B	2462	11.53	13.5	0.00	0.00	11.53	13.5	N/A	30	PASS
11G	2412	11.95	13.3	0.00	0.00	11.95	13.3	N/A	30	PASS
11G	2437	10.83	12.17	0.00	0.00	10.83	12.17	N/A	30	PASS
11G	2462	10.78	12.32	0.00	0.00	10.78	12.32	N/A	30	PASS
11N20SISO	2412	11.97	13.26	0.00	0.00	11.97	13.26	15.67	30	PASS
11N20SISO	2437	10.87	12.29	0.00	0.00	10.87	12.29	14.65	30	PASS
11N20SISO	2462	10.66	12.43	0.00	0.00	10.66	12.43	14.64	30	PASS
11N40SISO	2422	11.23	12.65	0.00	0.00	11.23	12.65	15.01	30	PASS
11N40SISO	2437	11.11	11.91	0.00	0.00	11.11	11.91	14.54	30	PASS
11N40SISO	2452	10.61	11.14	0.00	0.00	10.61	11.14	13.89	30	PASS



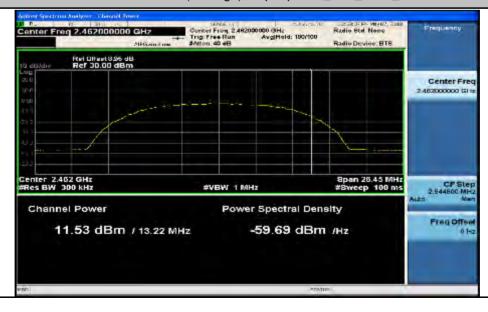


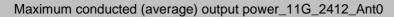


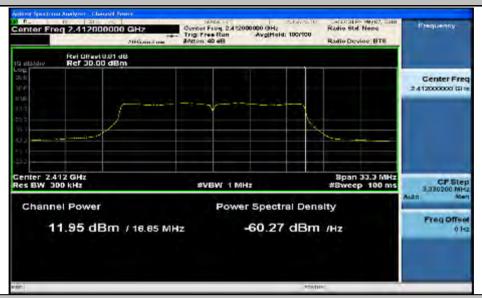
Maximum conducted (average) output power_11B_2437_Ant0



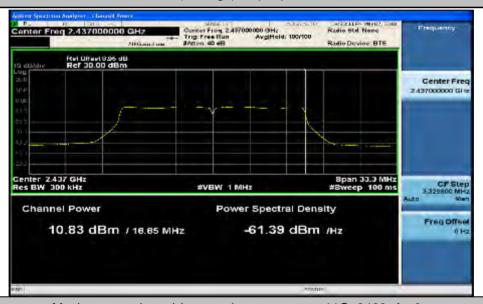
Maximum conducted (average) output power_11B_2462_Ant0



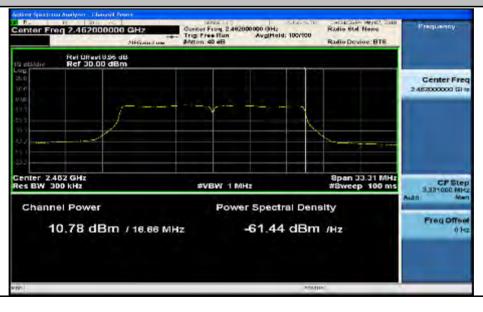


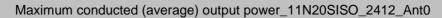


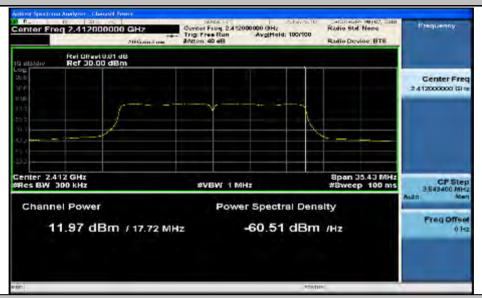
Maximum conducted (average) output power 11G 2437 Ant0



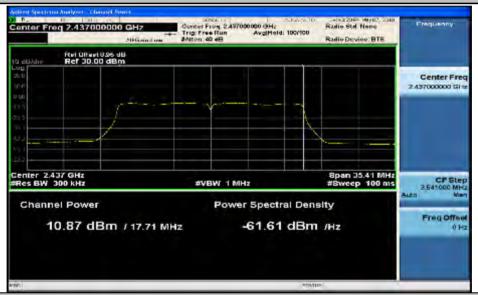
Maximum conducted (average) output power_11G_2462_Ant0



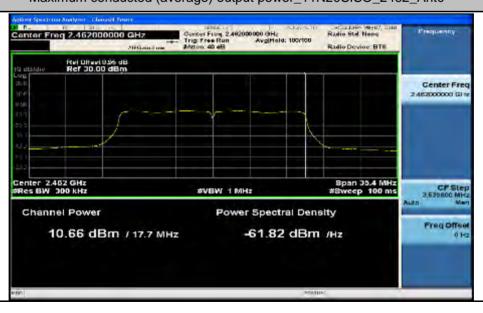


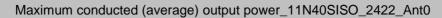


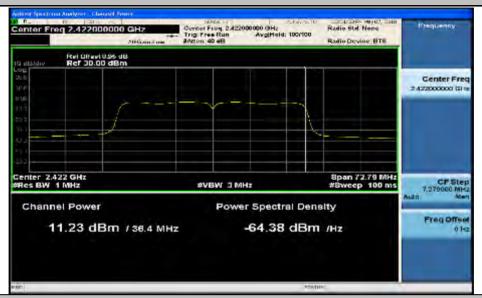
Maximum conducted (average) output power 11N20SISO 2437 Ant0



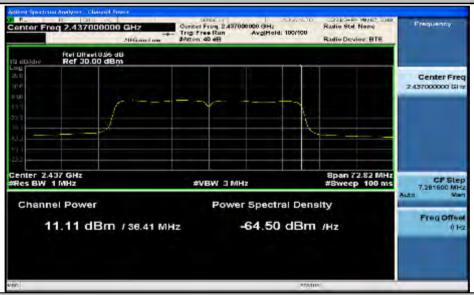
Maximum conducted (average) output power_11N20SISO_2462_Ant0



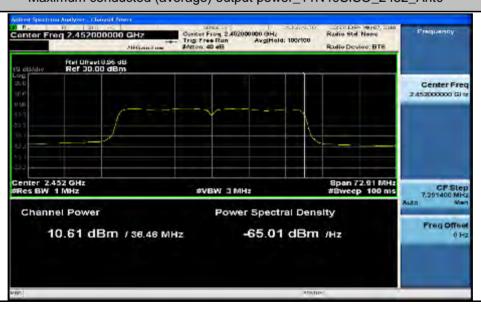


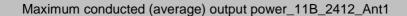


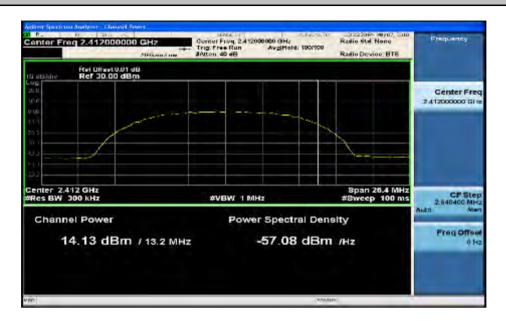
Maximum conducted (average) output power 11N40SISO 2437 Ant0



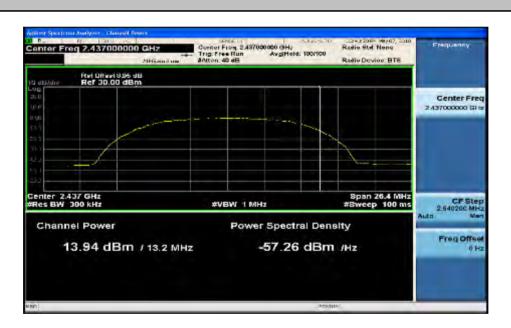
Maximum conducted (average) output power_11N40SISO_2452_Ant0



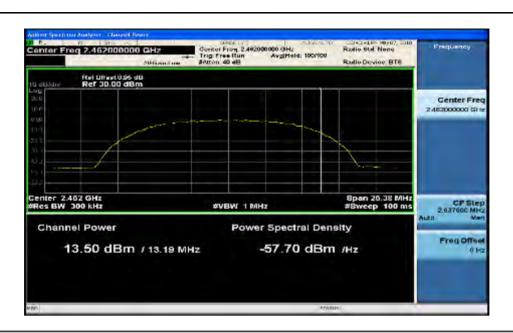




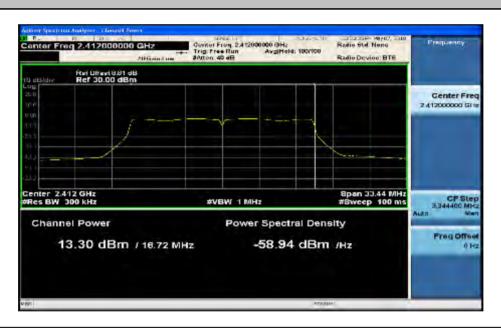
Maximum conducted (average) output power_11B_2437_Ant1



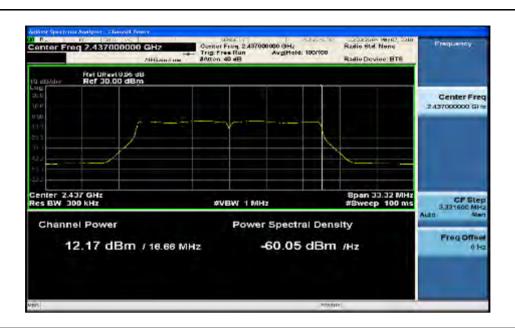
Maximum conducted (average) output power_11B_2462_Ant1



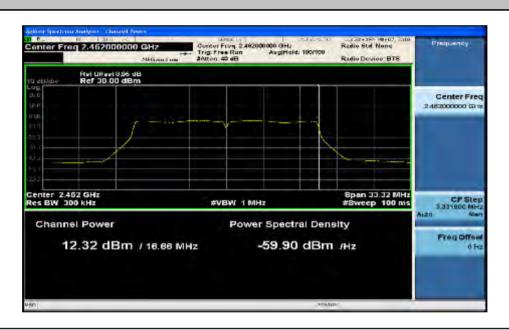
Maximum conducted (average) output power_11G_2412_Ant1



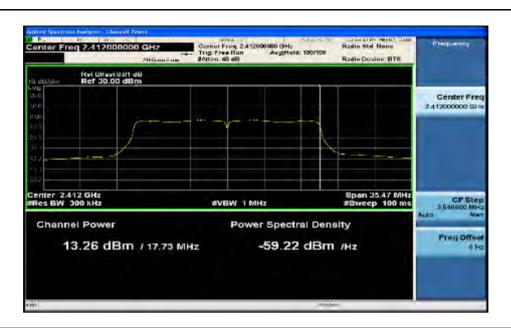
Maximum conducted (average) output power_11G_2437_Ant1



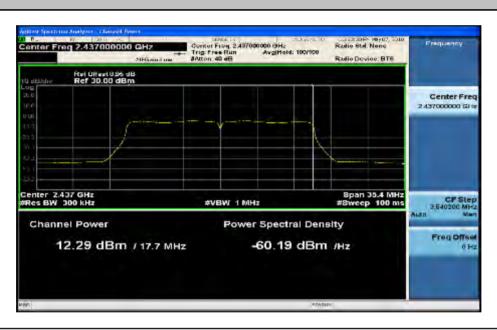
Maximum conducted (average) output power_11G_2462_Ant1



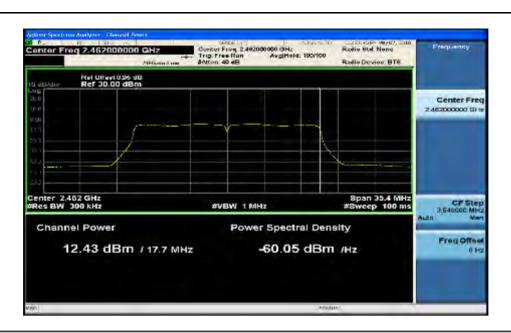
Maximum conducted (average) output power_11N20SISO_2412_Ant1



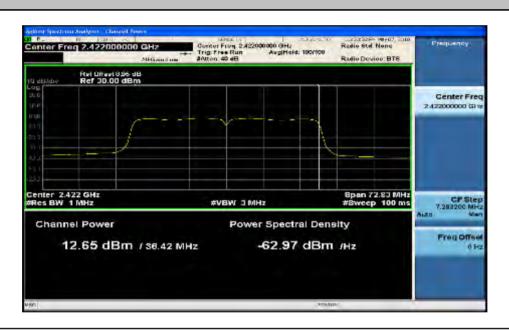
Maximum conducted (average) output power_11N20SISO_2437_Ant1



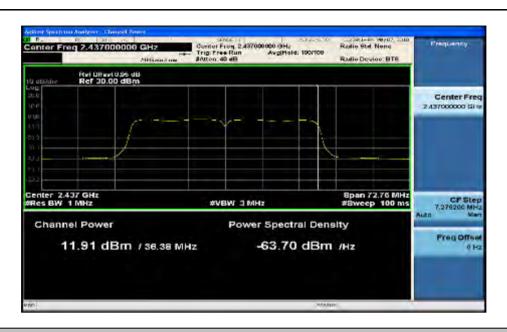
Maximum conducted (average) output power_11N20SISO_2462_Ant1



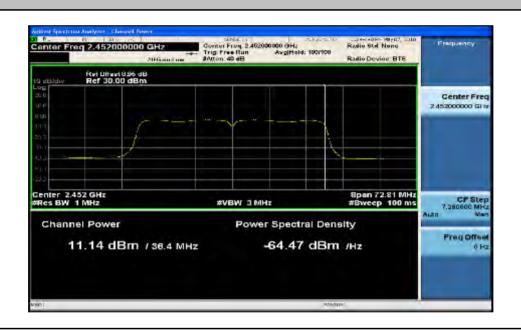
Maximum conducted (average) output power_11N40SISO_2422_Ant1



Maximum conducted (average) output power_11N40SISO_2437_Ant1



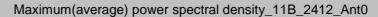
Maximum conducted (average) output power_11N40SISO_2452_Ant1

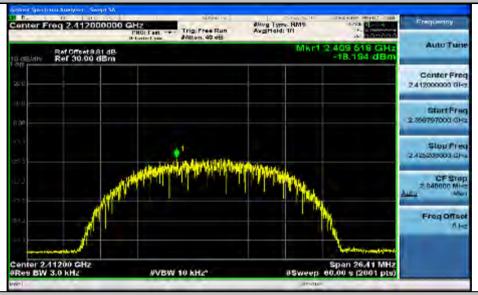




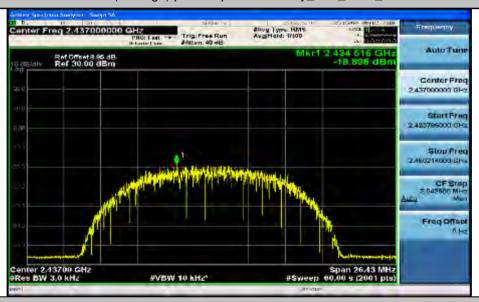
4.Maximum(average) power spectral density

	Test	[dBm	Level [dBm/3kHz]		10log(1/x) Factor[dB]		PSD[dBm/3kHz]			Verdict
	Channel	ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO	[dBm/3kHz]	
11B	2412	-18.19	-16.34	0.00	0.00	-18.19	-16.34	N/A	8.00	PASS
11B	2437	-18.90	-16.50	0.00	0.00	-18.90	-16.50	N/A	8.00	PASS
11B	2462	-18.81	-17.03	0.00	0.00	-18.81	-17.03	N/A	8.00	PASS
11G	2412	-21.28	-20.10	0.00	0.00	-21.28	-20.10	N/A	8.00	PASS
11G	2437	-22.60	-20.70	0.00	0.00	-22.60	-20.70	N/A	8.00	PASS
11G	2462	-22.34	-20.70	0.00	0.00	-22.34	-20.70	N/A	8.00	PASS
11N20SISO	2412	-22.14	-21.02	0.00	0.00	-22.14	-21.02	-18.53	8.00	PASS
11N20SISO	2437	-23.28	-22.05	0.00	0.00	-23.28	-22.05	-19.61	8.00	PASS
11N20SISO	2462	-23.39	-21.89	0.00	0.00	-23.39	-21.89	-19.57	8.00	PASS
11N40SISO	2422	-26.42	-24.88	0.00	0.00	-26.42	-24.88	-22.57	8.00	PASS
11N40SISO	2437	-26.27	-25.52	0.00	0.00	-26.27	-25.52	-22.87	8.00	PASS
11N40SISO	2452	-26.98	-26.55	0.00	0.00	-26.98	-26.55	-23.75	8.00	PASS

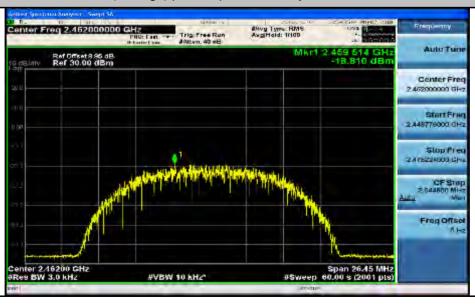




Maximum(average) power spectral density_11B_2437_Ant0



Maximum(average) power spectral density_11B_2462_Ant0



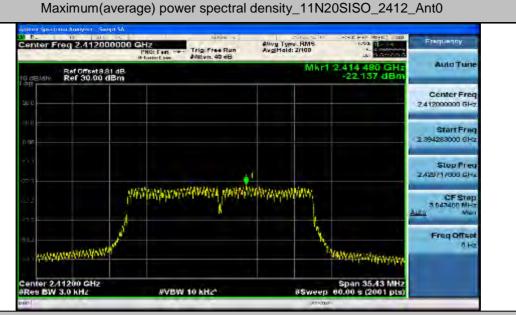


Maximum(average) power spectral density_11G_2437_Ant0

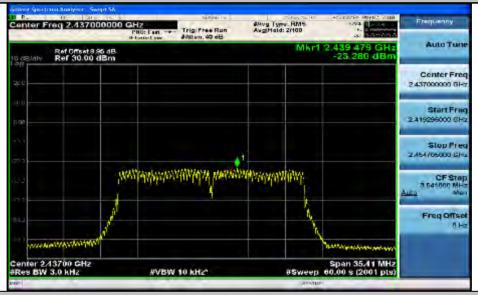


Maximum(average) power spectral density_11G_2462_Ant0

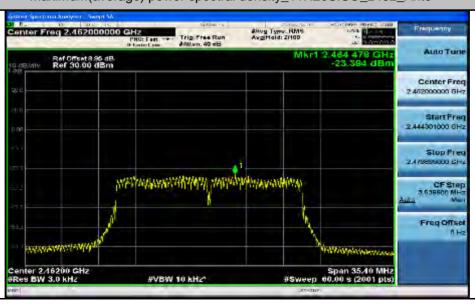


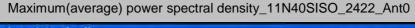


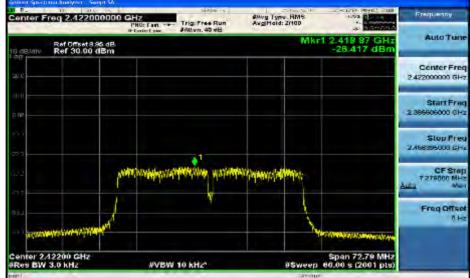
Maximum(average) power spectral density_11N20SISO_2437_Ant0



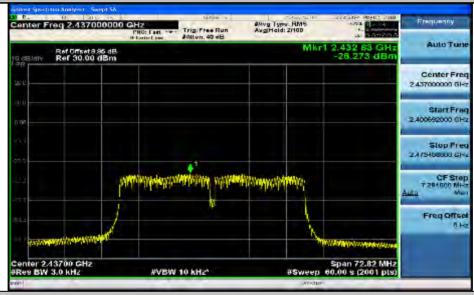
Maximum(average) power spectral density_11N20SISO_2462_Ant0



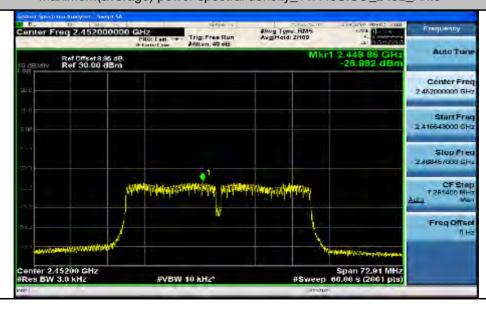


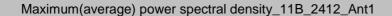


Maximum(average) power spectral density_11N40SISO_2437_Ant0



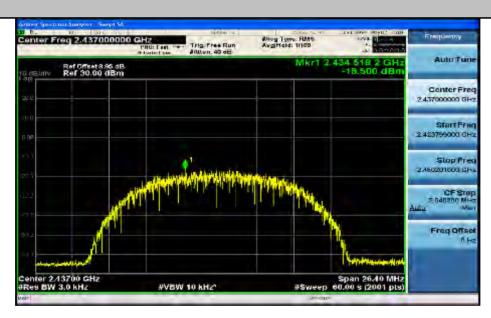
Maximum(average) power spectral density_11N40SISO_2452_Ant0



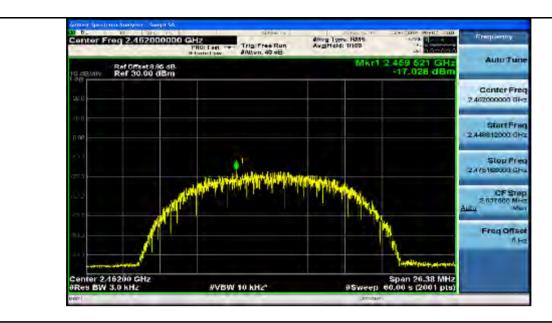




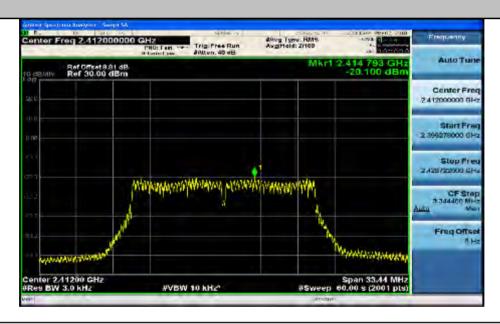
Maximum(average) power spectral density_11B_2437_Ant1



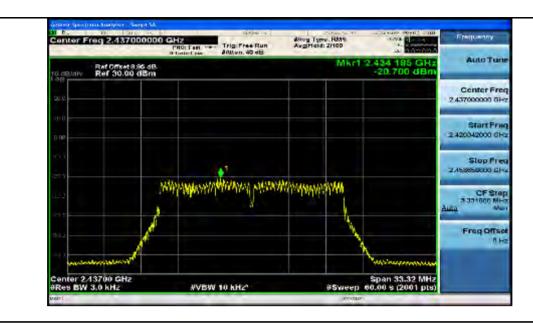
Maximum(average) power spectral density_11B_2462_Ant1



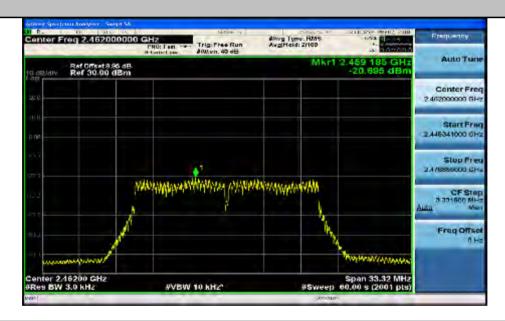
Maximum(average) power spectral density_11G_2412_Ant1



Maximum(average) power spectral density_11G_2437_Ant1



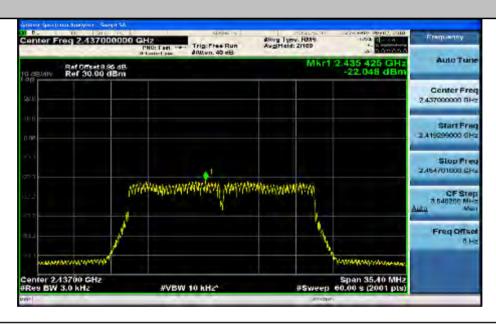
Maximum(average) power spectral density_11G_2462_Ant1



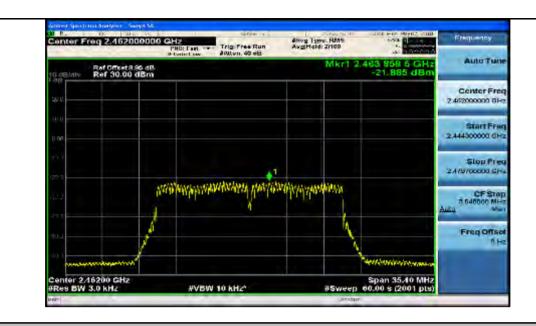
Maximum(average) power spectral density_11N20SISO_2412_Ant1



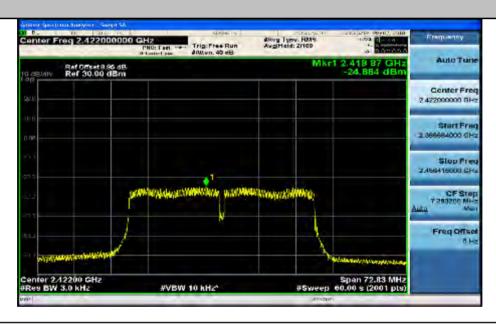
Maximum(average) power spectral density_11N20SISO_2437_Ant1



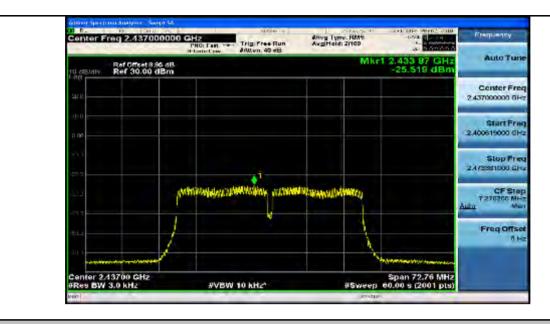
Maximum(average) power spectral density_11N20SISO_2462_Ant1



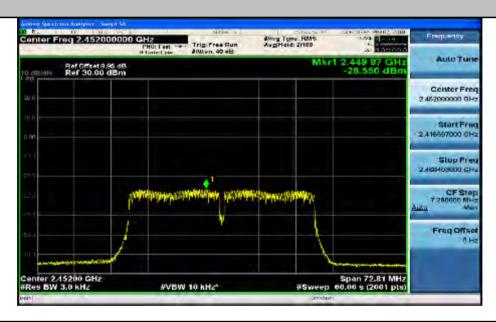
Maximum(average) power spectral density_11N40SISO_2422_Ant1



Maximum(average) power spectral density_11N40SISO_2437_Ant1



Maximum(average) power spectral density_11N40SISO_2452_Ant1





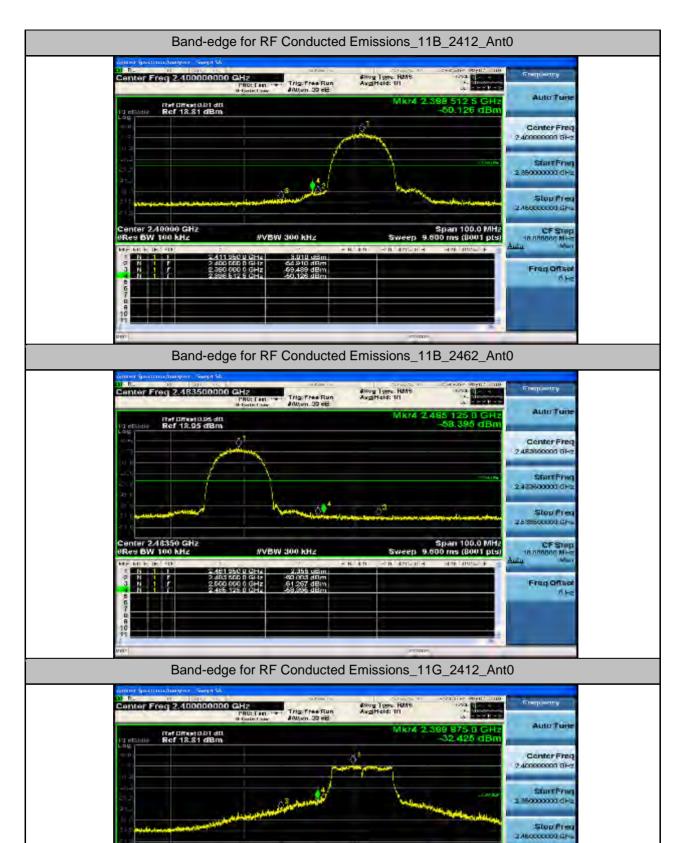
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Carrier Power[dBm]		Max. Spuri [dB		Limit	Verdict	
		ANT0	ANT1	ANT0	ANT1	[dBm]		
11B	2412	3.01	4.95	-50.13	-42.72	-26.99	PASS	
11B	2462	2.36	4.35	-58.40	-50.57	-27.65	PASS	
11G	2412	-0.28	1.66	-32.43	-34.41	-30.28	PASS	
11G	2462	-1.01	0.45	-43.90	-47.22	-31.01	PASS	
11N20SISO	2412	-0.36	0.63	-31.06	-32.93	-30.36	PASS	
11N20SISO	2462	-1.50	0.42	-44.27	-43.44	-31.50	PASS	
11N40SISO	2422	-2.94	-2.77	-35.15	-33.87	-32.94	PASS	
11N40SISO	2452	-4.55	-3.98	-41.41	-47.19	-34.55	PASS	



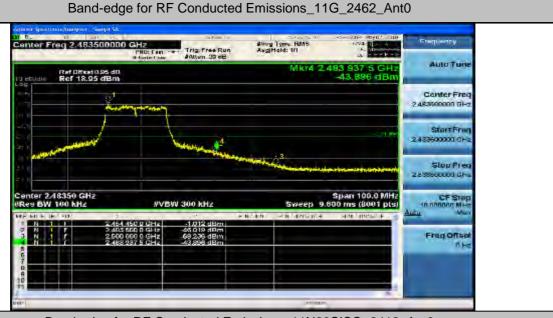
Center 2/10000 GHz #Res BW 100 kHz

NVBW 300 kHz



Span 100,0 MHz Sweep 9,600 ms (8001 pts)

Freq Offse

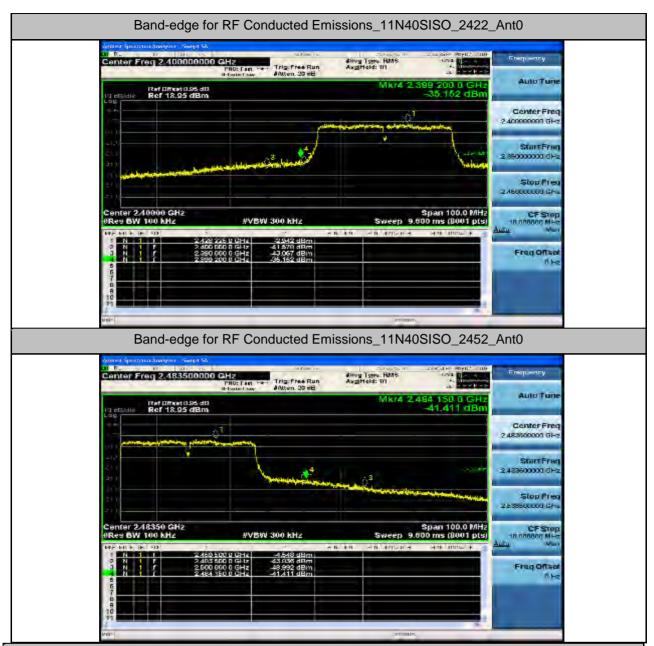


Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant0

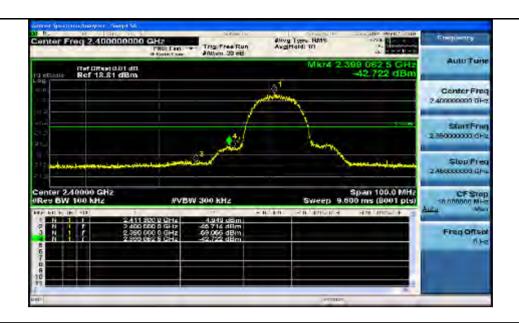


Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant0

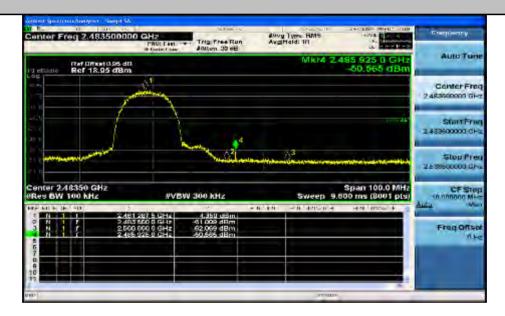




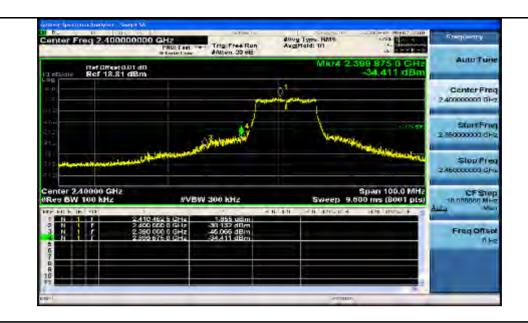
Band-edge for RF Conducted Emissions_11B_2412_Ant1



Band-edge for RF Conducted Emissions_11B_2462_Ant1



Band-edge for RF Conducted Emissions_11G_2412_Ant1



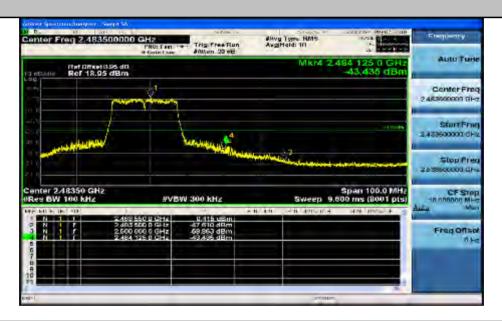
Band-edge for RF Conducted Emissions_11G_2462_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1



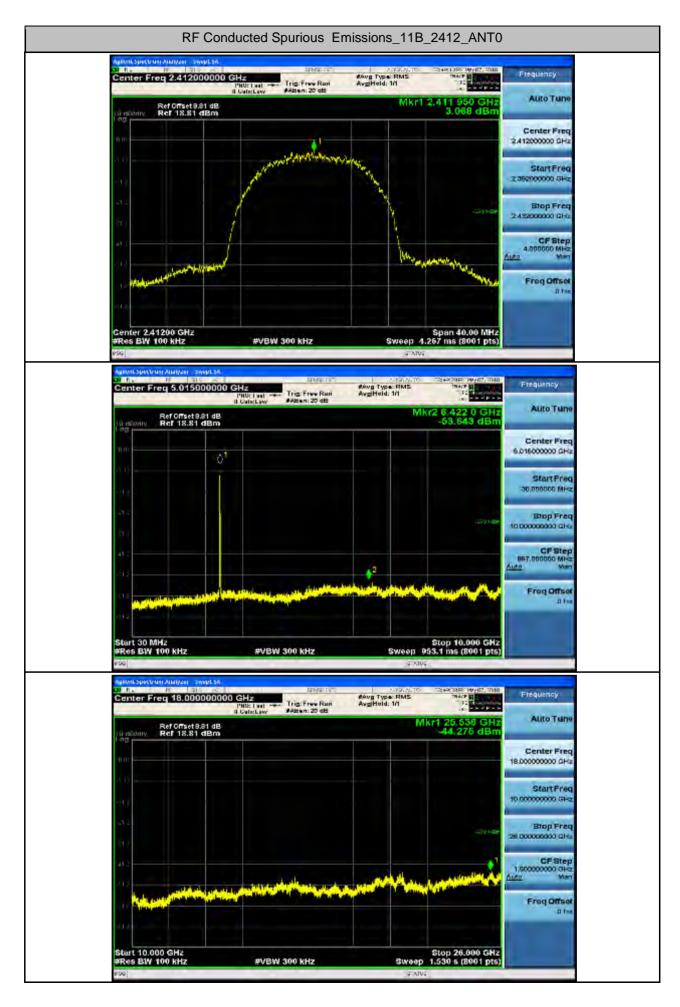
Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1



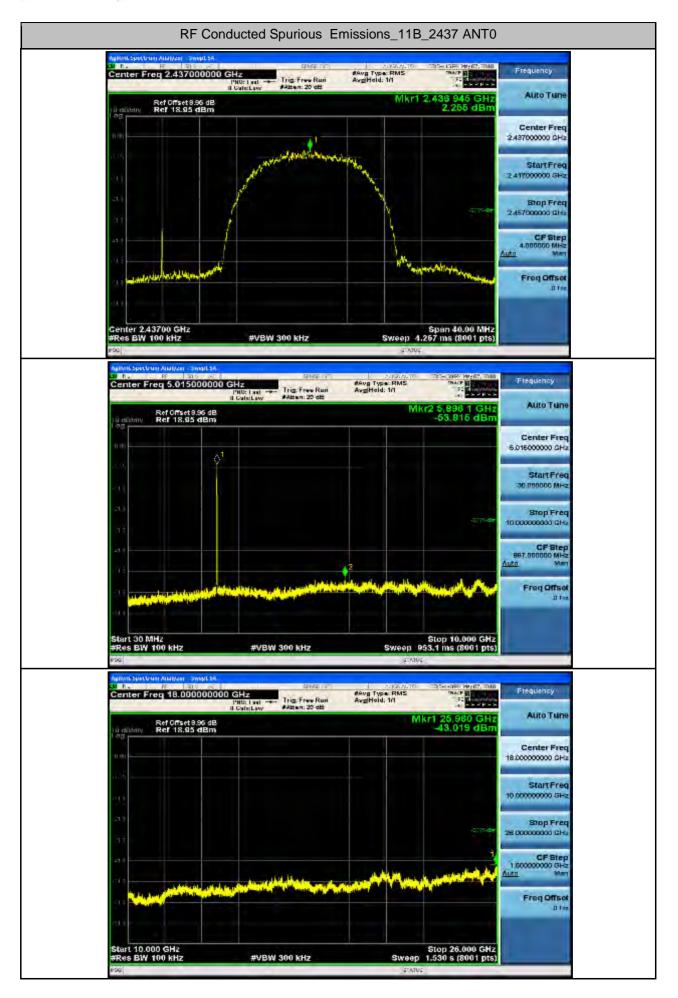
6.RF Conducted Spurious Emissions

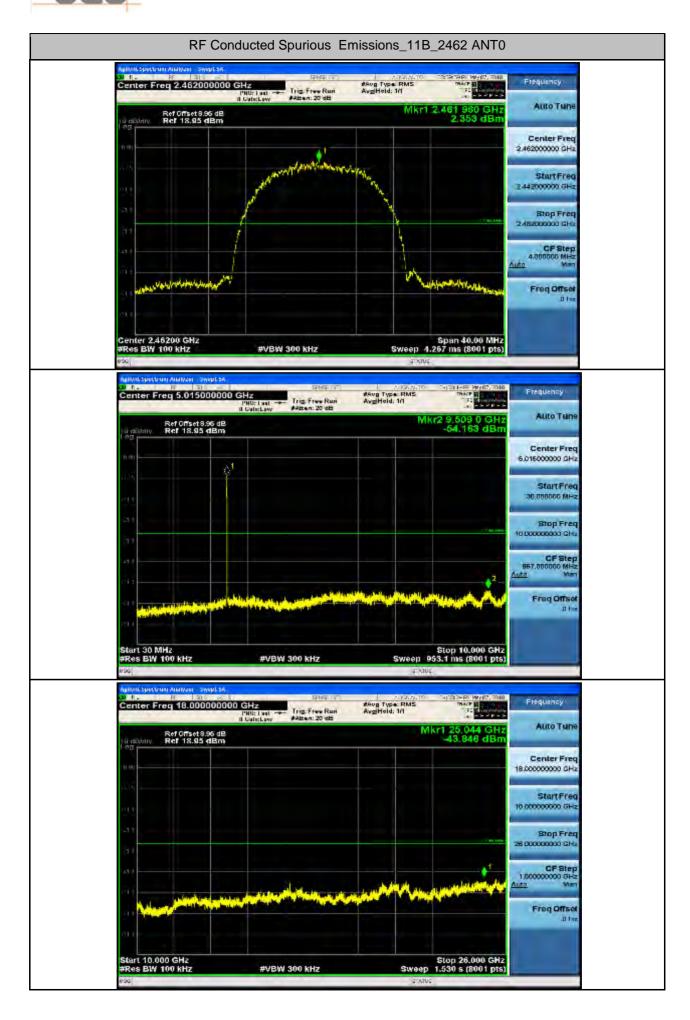
Test Mode	Test Channel		StopFre [MHz]			Pref[dBm]		Max. Level [dBm]		Limit [dBm]		Verdict
						ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	Veruid
11B	2412	30	10000	100	300	3.07	4.85	-53.64	-54.18	<-26.93	<-25.15	PASS
11B	2412	10000	26000	100	300	3.07	4.85	-44.28	-44.21	<-26.93	<-25.15	PASS
11B	2437	30	10000	100	300	2.26	4.66	-53.82	-53.58	<-27.75	<-25.34	PASS
11B	2437	10000	26000	100	300	2.26	4.66	-43.01	-43.60	<-27.75	<-25.34	PASS
11B	2462	30	10000	100	300	2.35	4.27	-54.16	-53.79	<-27.65	<-25.73	PASS
11B	2462	10000	26000	100	300	2.353	4.27	-43.85	-43.96	<-27.65	<-25.73	PASS
11G	2412	30	10000	100	300	0.19	2.19	-54.28	-54.33	<-29.81	<-27.81	PASS
11G	2412	10000	26000	100	300	0.19	2.19	-43.45	-43.89	<-29.81	<-27.81	PASS
11G	2437	30	10000	100	300	-1.01	0.44	-53.94	-53.40	<-31.01	<-29.56	PASS
11G	2437	10000	26000	100	300	-1.01	0.44	-44.07	-43.31	<-31.01	<-29.56	PASS
11G	2462	30	10000	100	300	-1.15	0.63	-54.07	-54.09	<-31.15	<-29.37	PASS
11G	2462	10000	26000	100	300	-1.15	0.63	-44.17	-43.99	<-31.15	<-29.37	PASS
11N20SISO	2412	30	10000	100	300	-0.84	1.27	-54.20	-54.04	<-30.84	<-28.73	PASS
11N20SISO	2412	10000	26000	100	300	-0.83	1.27	-43.93	-43.53	<-30.84	<-28.73	PASS
11N20SISO	2437	30	10000	100	300	-1.25	0.70	-54.49	-54.42	<-31.25	<-29.31	PASS
11N20SISO	2437	10000	26000	100	300	-1.25	0.70	-43.75	-43.96	<-31.25	<-29.30	PASS
11N20SISO	2462	30	10000	100	300	-1.10	0.07	-53.86	-53.75	<-31.10	<-29.93	PASS
11N20SISO	2462	10000	26000	100	300	-1.10	0.07	-44.28	-43.52	<-31.10	<-29.93	PASS
11N40SISO	2422	30	10000	100	300	-1.90	-2.52	-54.05	-53.83	<-31.90	<-32.52	PASS
11N40SISO	2422	10000	26000	100	300	-1.90	-2.52	-43.90	-44.22	<-31.90	<-32.52	PASS
11N40SISO	2437	30	10000	100	300	-3.58	-3.00	-54.57	-54.08	<-33.58	<-33.00	PASS
11N40SISO	2437	10000	26000	100	300	-3.58	-3.00	-44.64	-43.04	<-33.58	<-33.00	PASS
11N40SISO	2452	30	10000	100	300	-3.35	-4.30	-54.34	-53.64	<-33.35	<-34.30	PASS
11N40SISO	2452	10000	26000	100	300	-3.35	-4.30	-43.45	-43.66	<-33.35	<-34.30	PASS

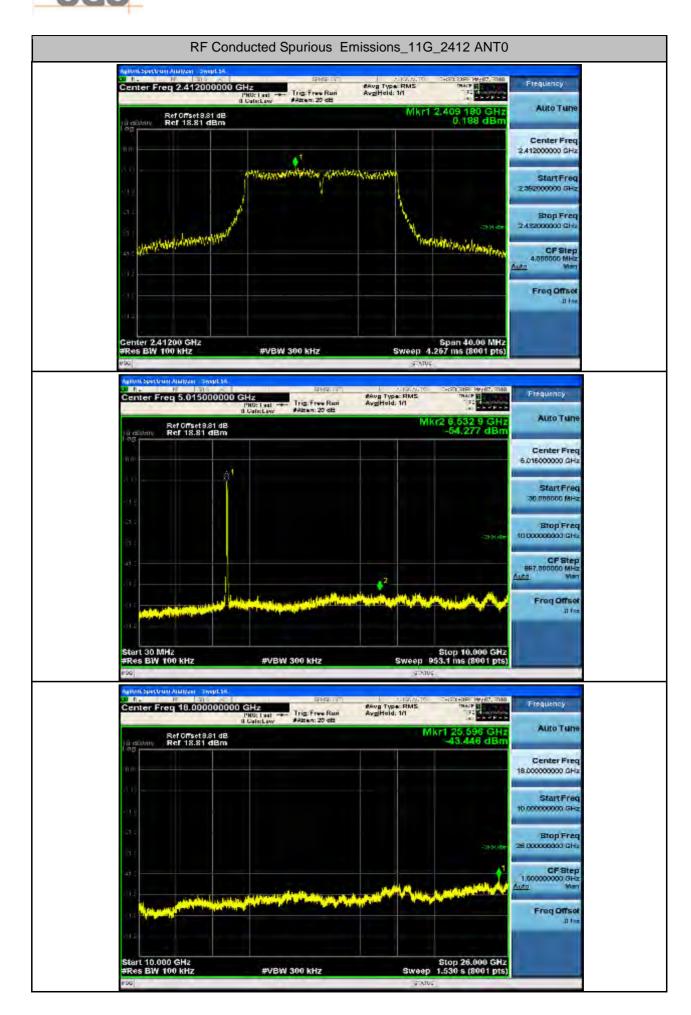


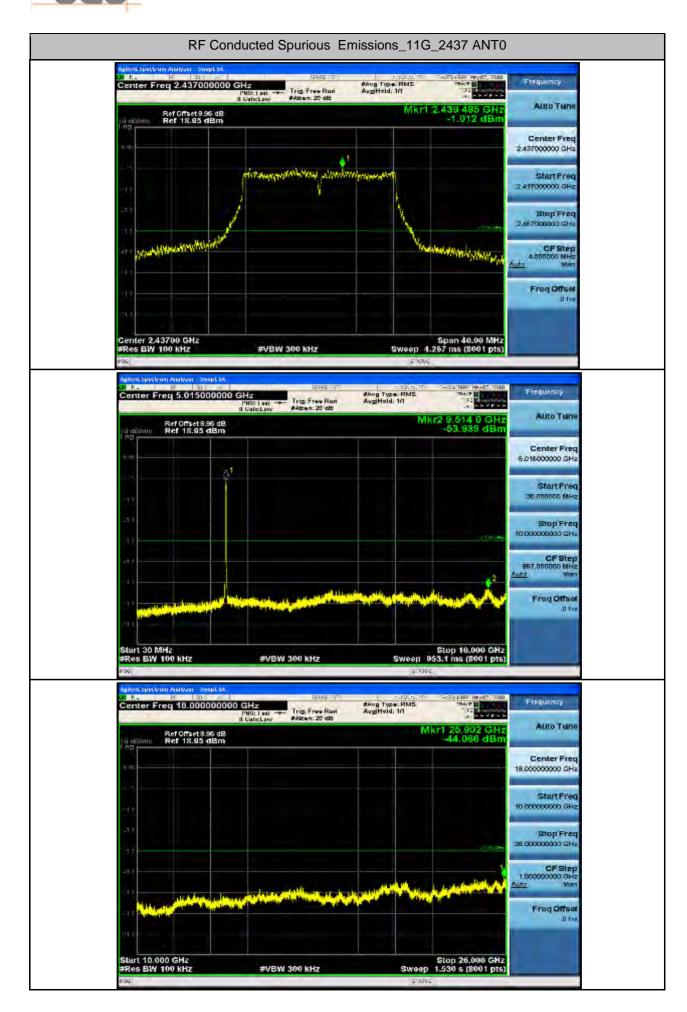


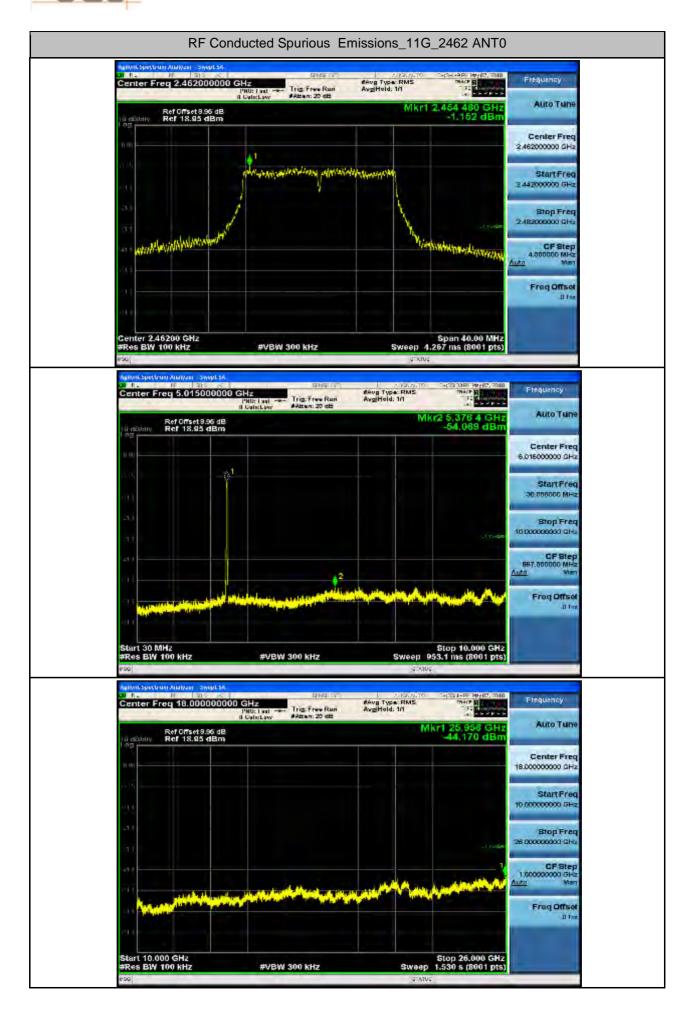


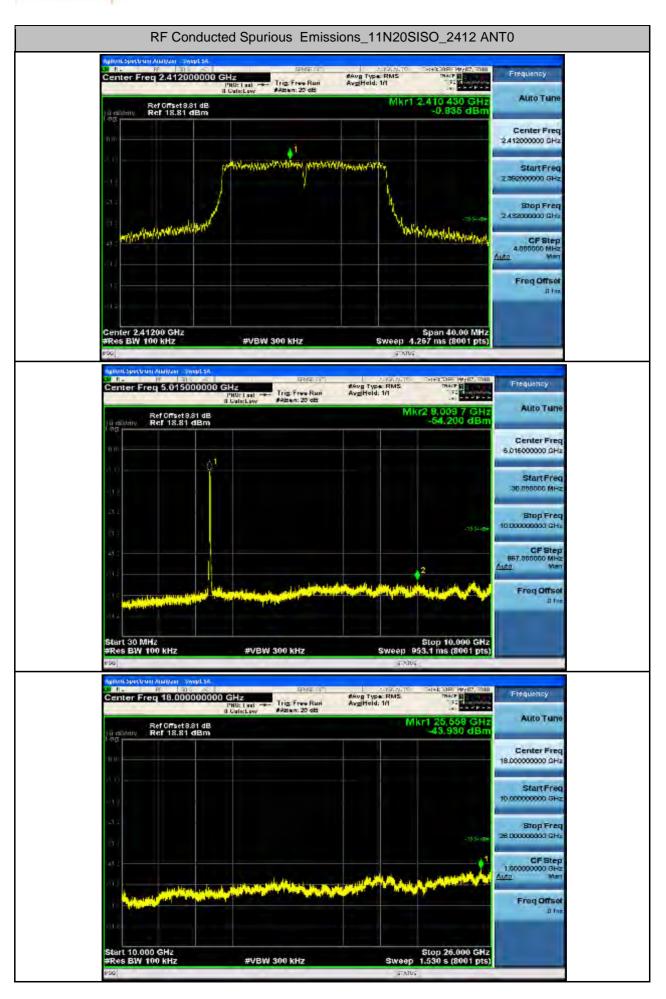


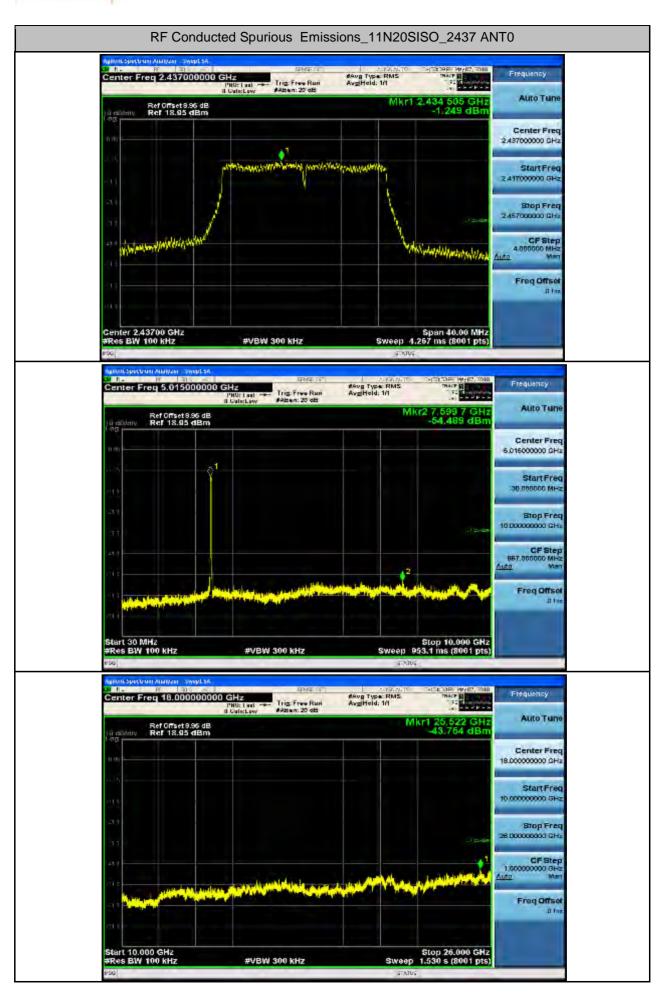


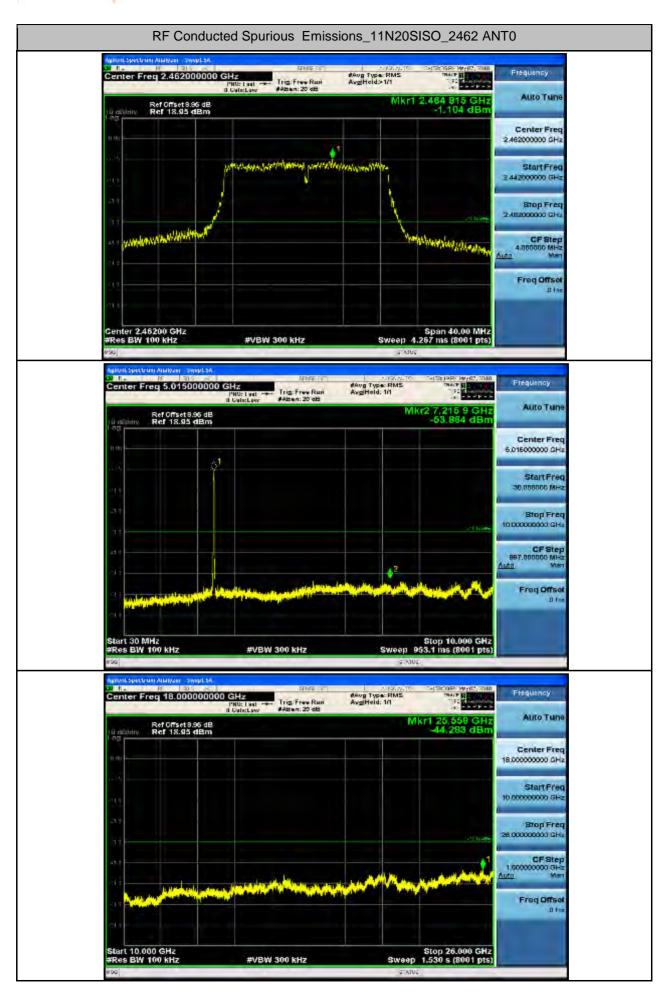


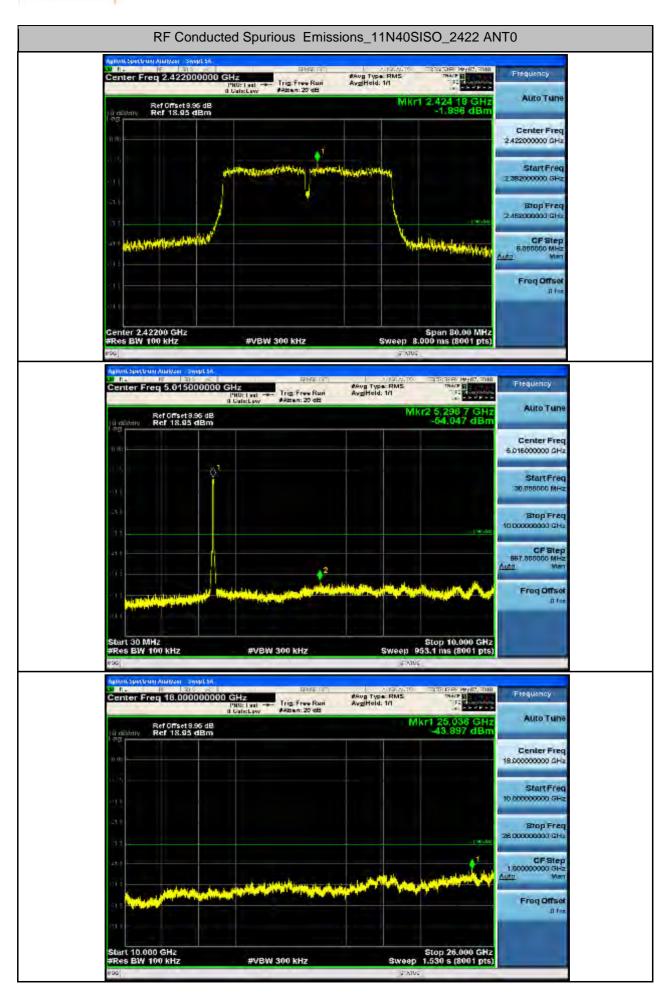


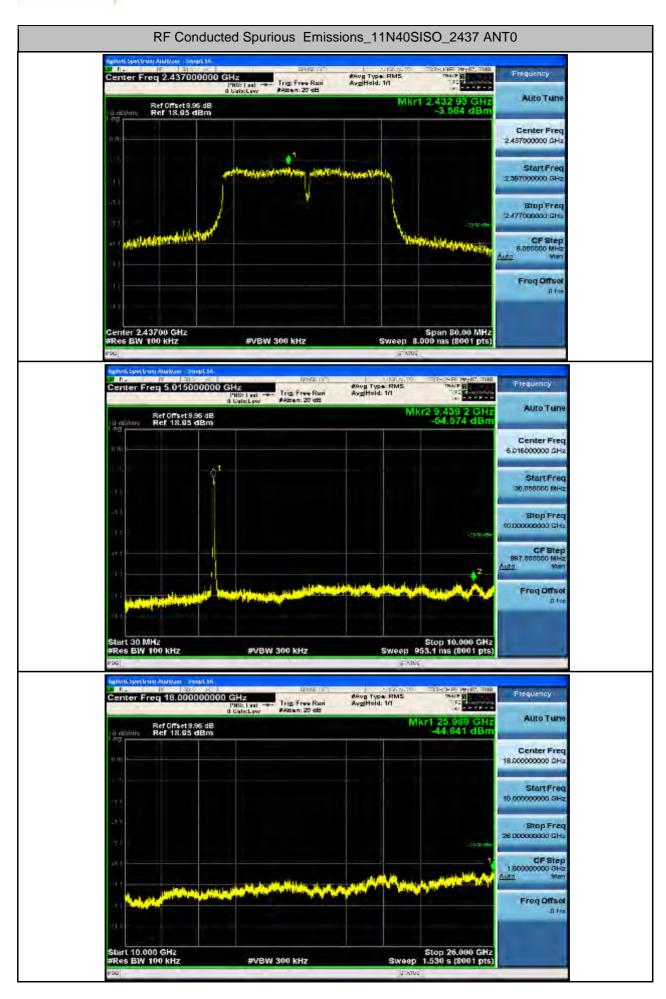


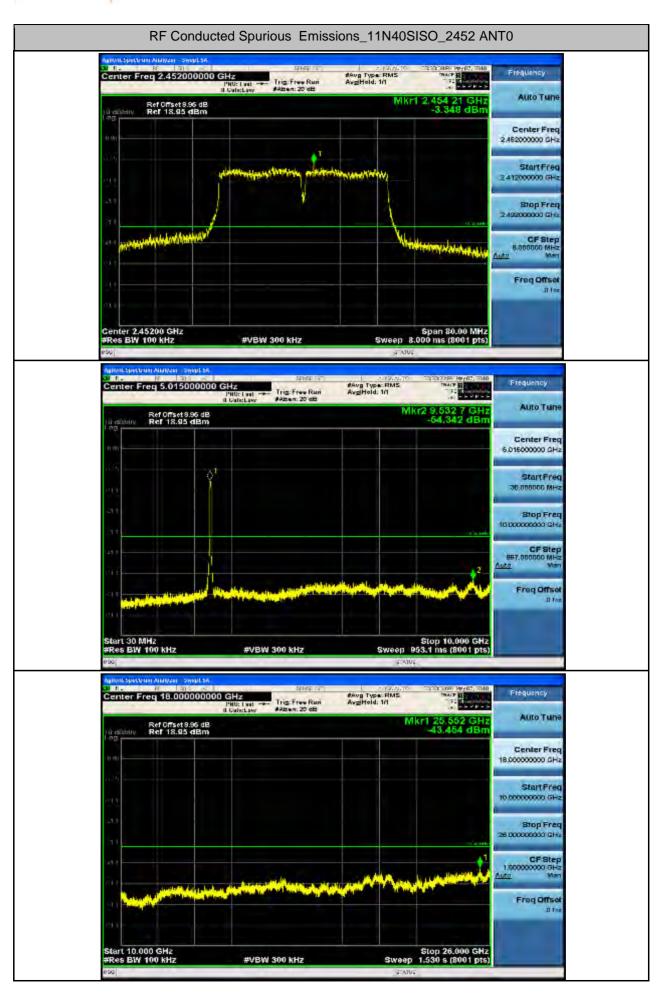


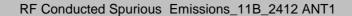




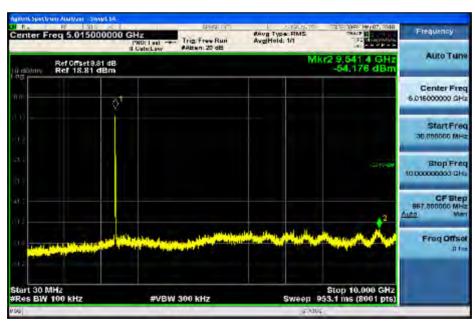










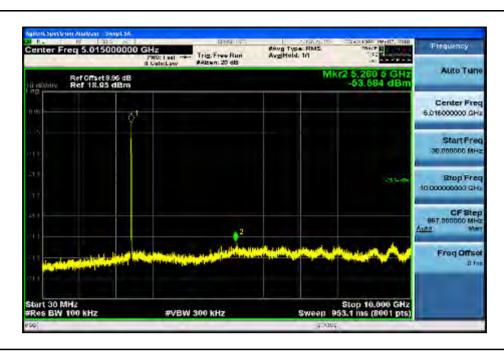




RF Conducted Spurious Emissions_11B_2437 ANT1



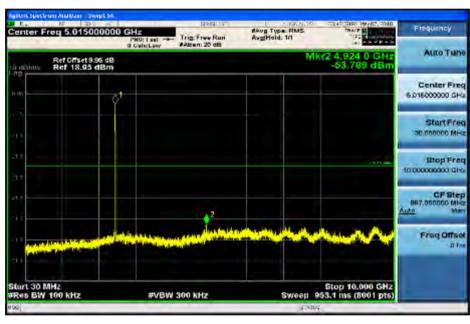


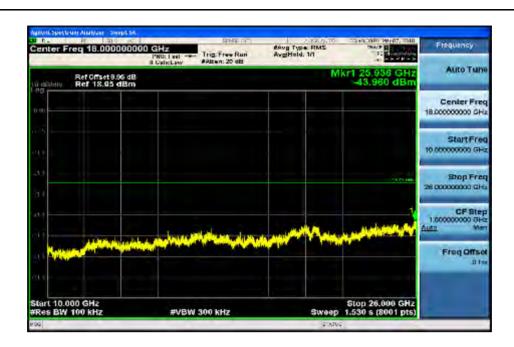




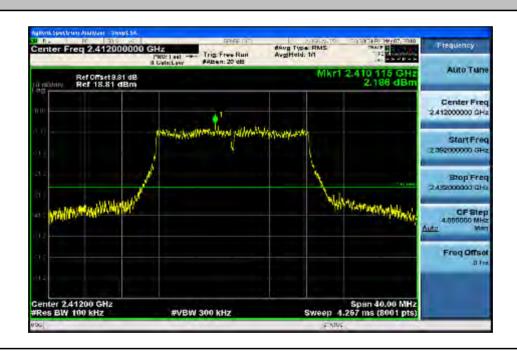
RF Conducted Spurious Emissions_11B_2462 ANT1





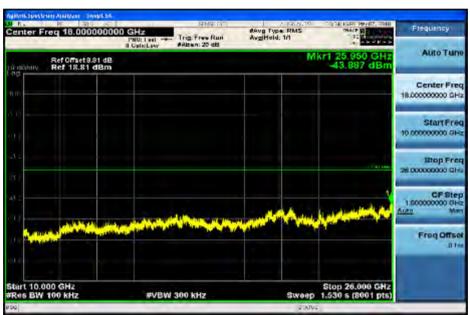


RF Conducted Spurious Emissions_11G_2412 ANT1



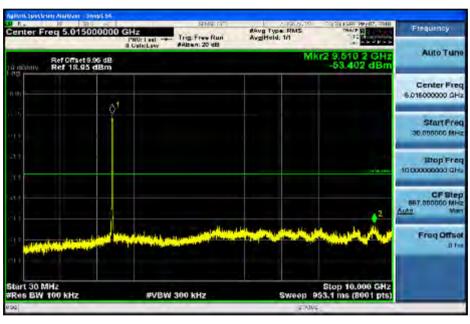


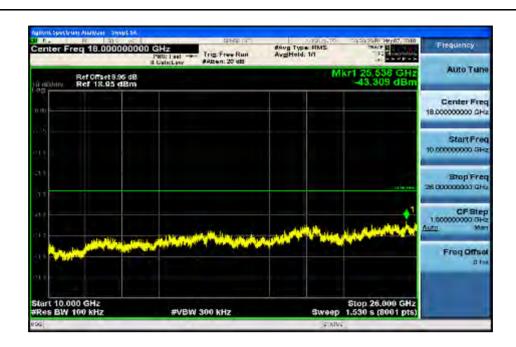




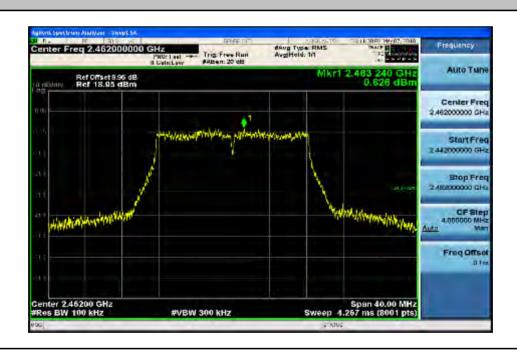
RF Conducted Spurious Emissions_11G_2437 ANT1

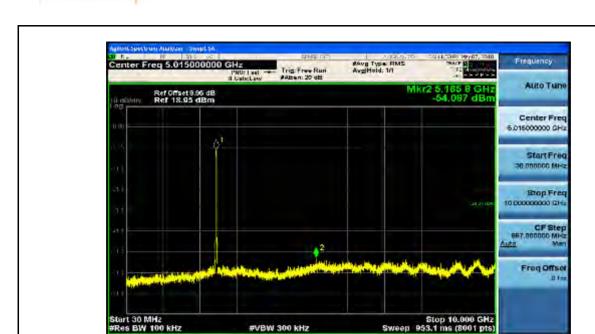






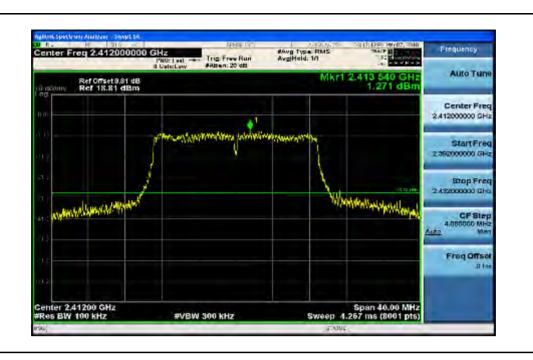
RF Conducted Spurious Emissions_11G_2462 ANT1

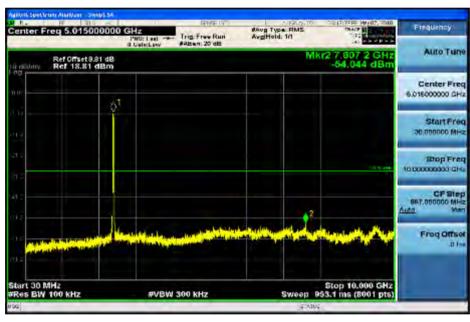






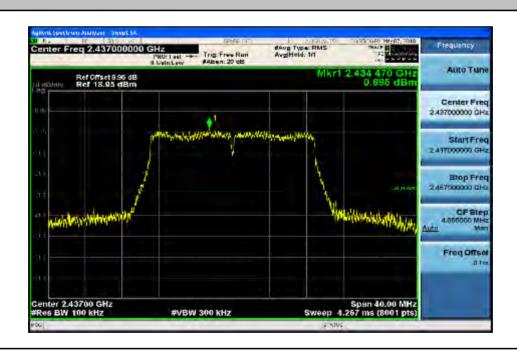
RF Conducted Spurious Emissions_11N20SISO_2412 ANT1



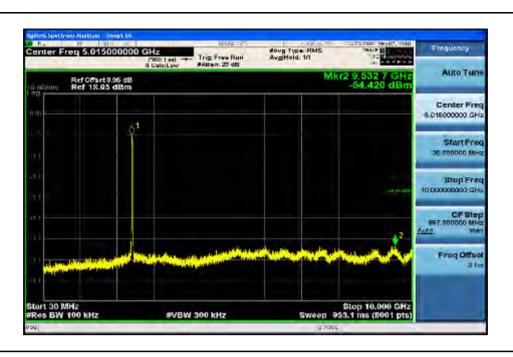


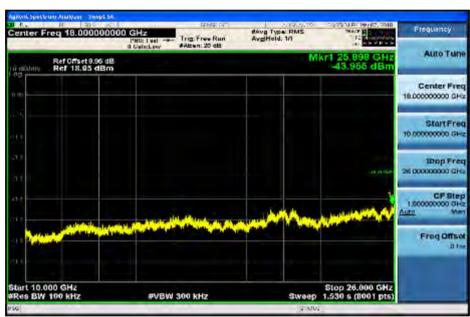


RF Conducted Spurious Emissions_11N20SISO_2437 ANT1



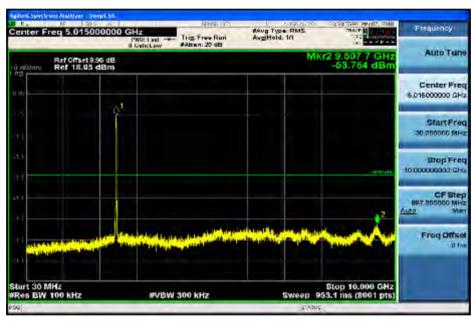






RF Conducted Spurious Emissions_11N20SISO_2462 ANT1



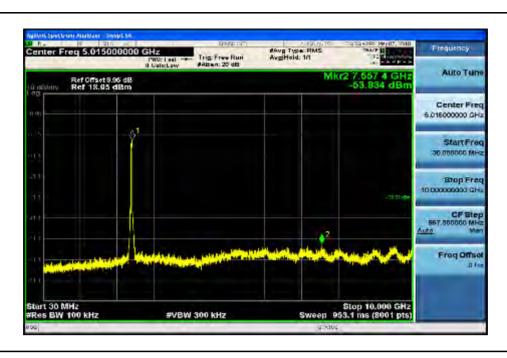


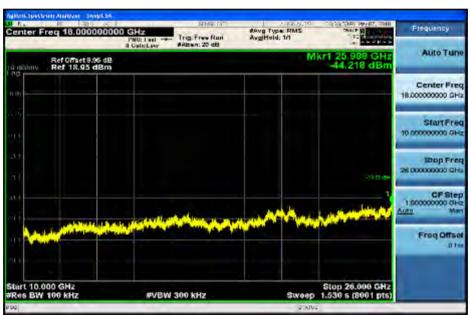


RF Conducted Spurious Emissions_11N40SISO_2422 ANT1

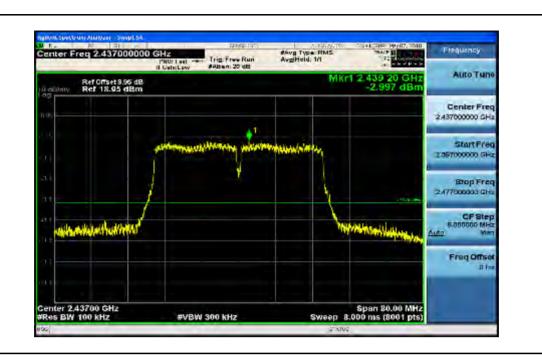


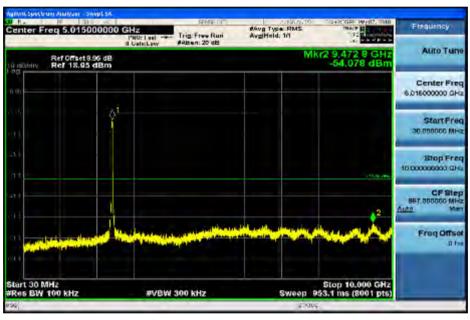


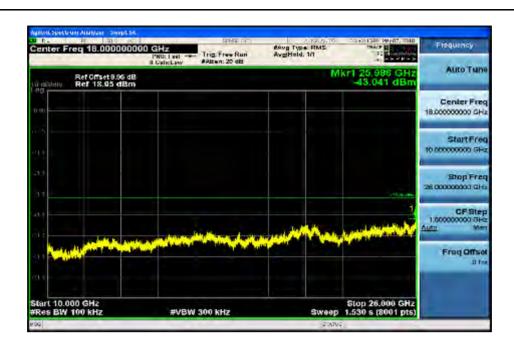




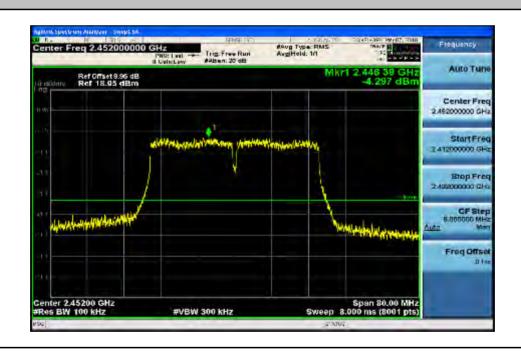
RF Conducted Spurious Emissions_11N40SISO_2437 ANT1

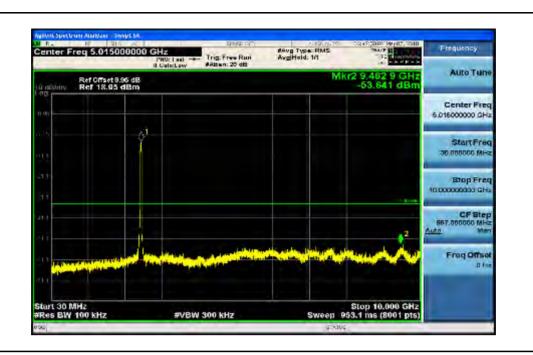


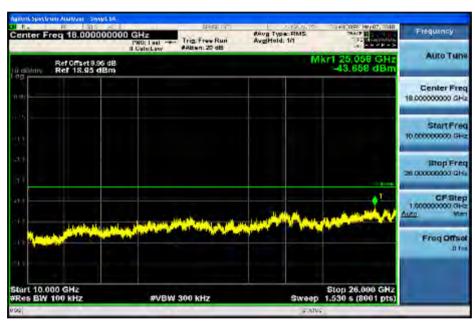




RF Conducted Spurious Emissions_11N40SISO_2452 ANT1





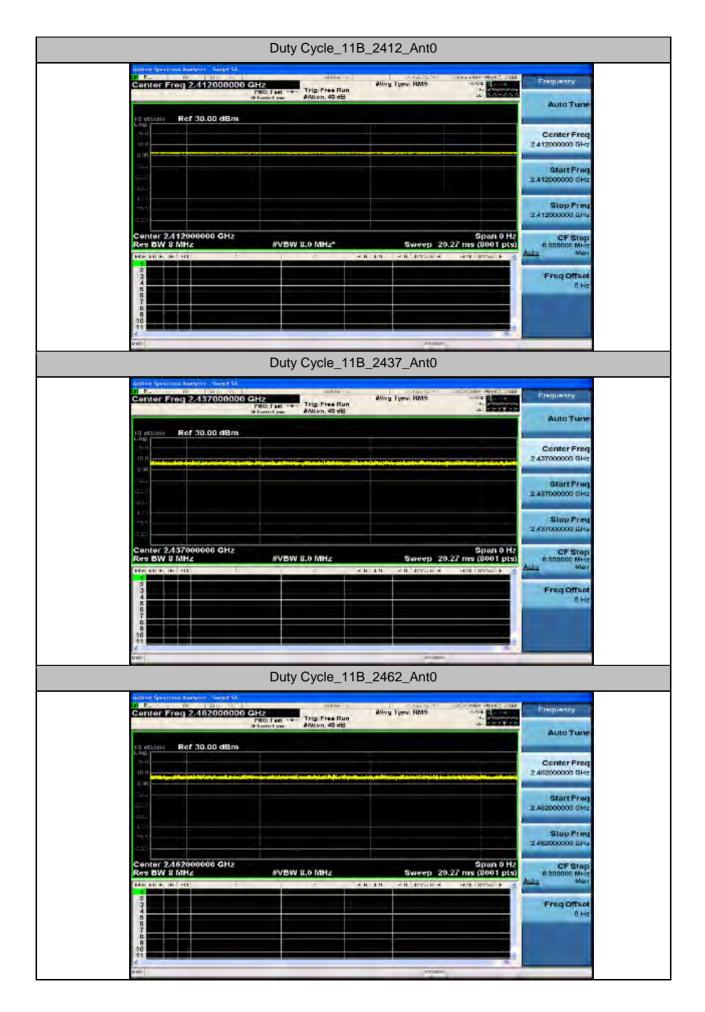


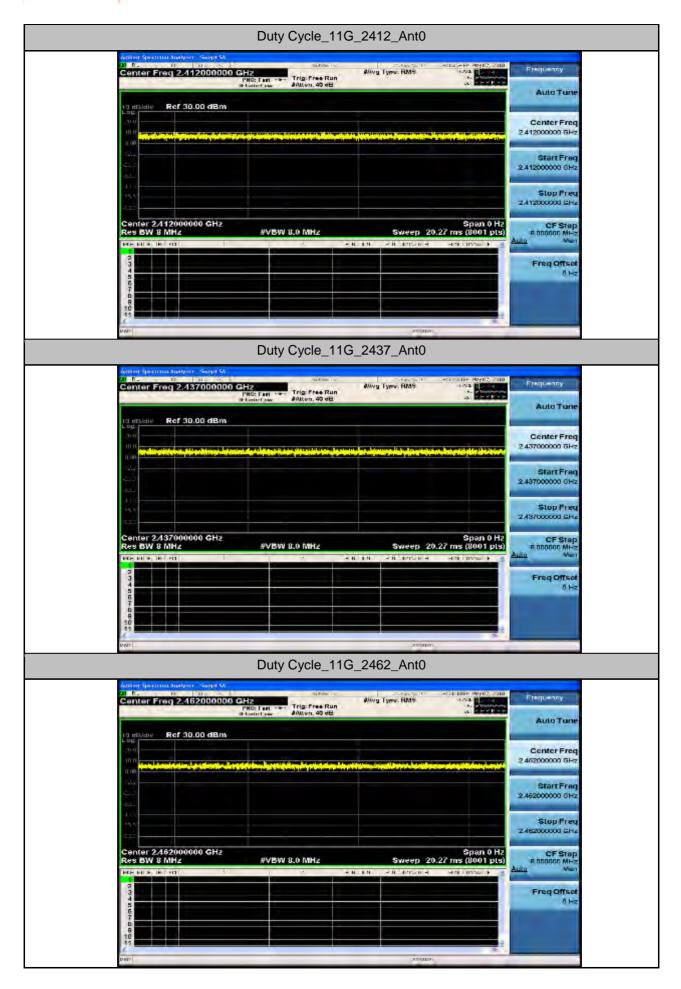


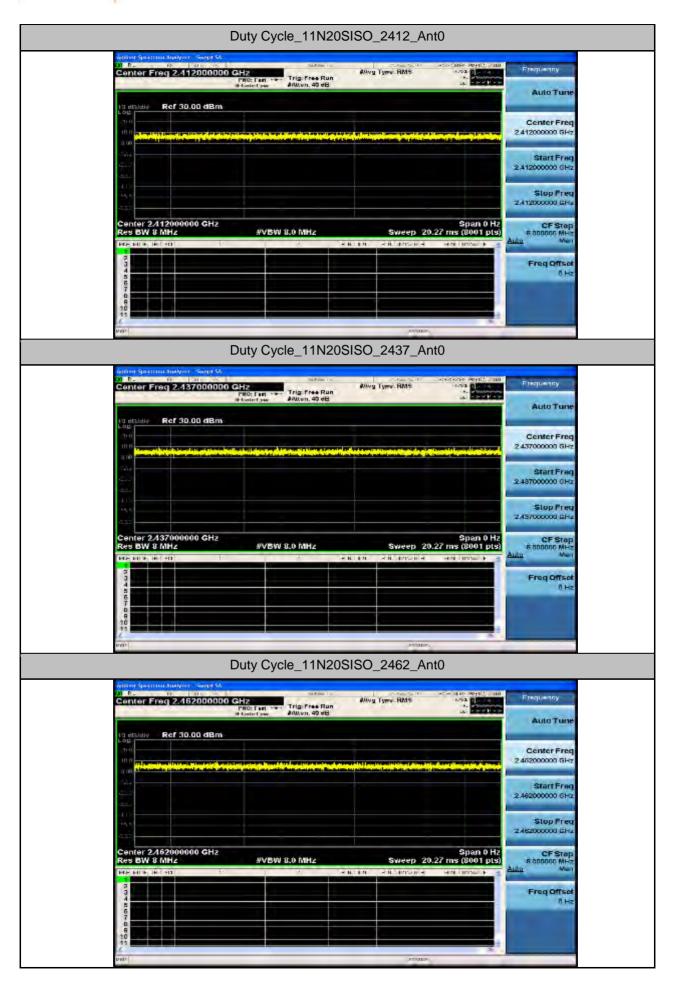
7.Duty Cycle

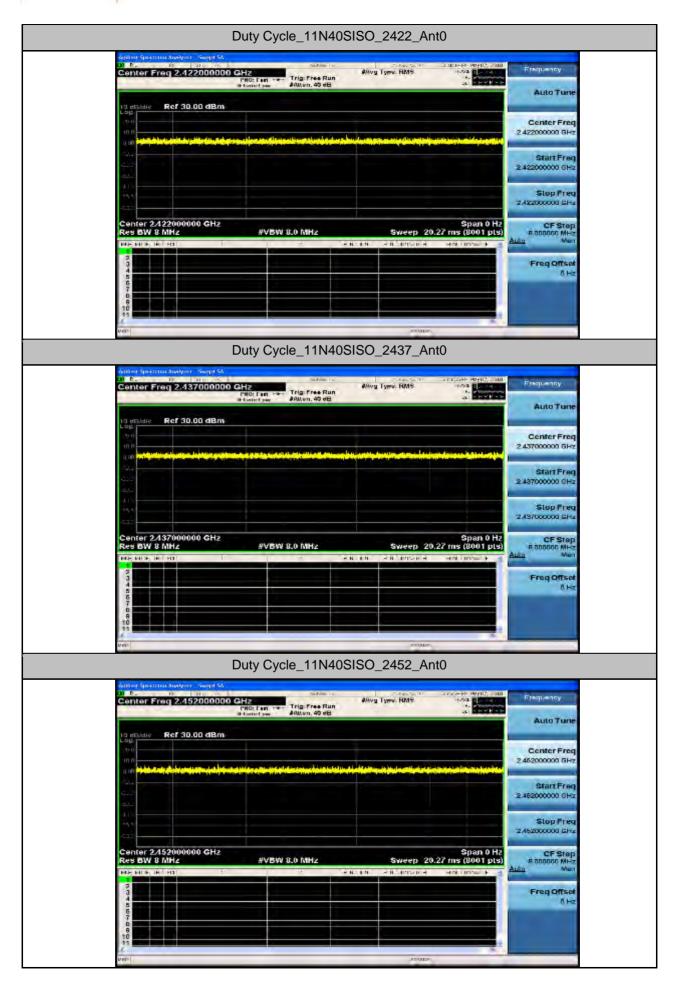
Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		ANT0	AN1	ANT0	ANT1
11B	2412	100.00	100.00	0.00	0.00
11B	2437	100.00	100.00	0.00	0.00
11B	2462	100.00	100.00	0.00	0.00
11G	2412	100.00	100.00	0.00	0.00
11G	2437	100.00	100.00	0.00	0.00
11G	2462	100.00	100.00	0.00	0.00
11N20SISO	2412	100.00	100.00	0.00	0.00
11N20SISO	2437	100.00	100.00	0.00	0.00
11N20SISO	2462	100.00	100.00	0.00	0.00
11N40SISO	2422	100.00	100.00	0.00	0.00
11N40SISO	2437	100.00	100.00	0.00	0.00
11N40SISO	2452	100.00	100.00	0.00	0.00



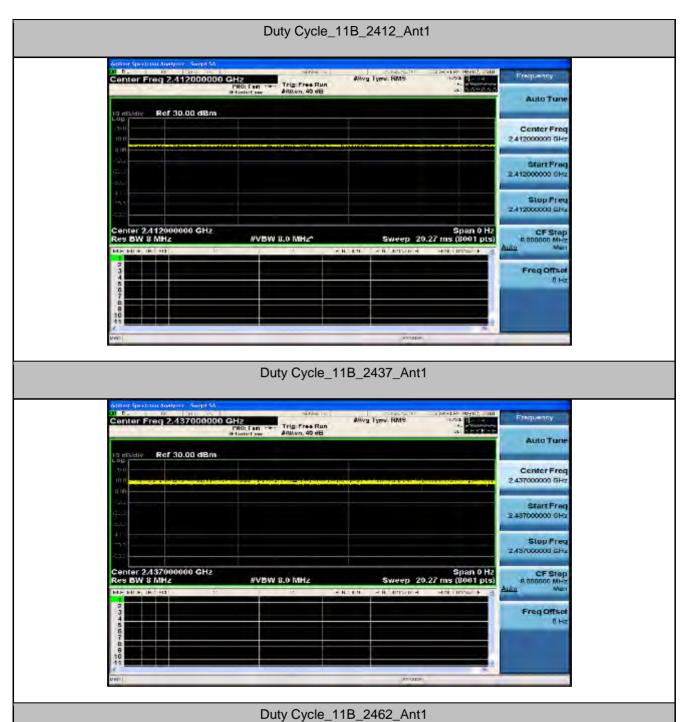


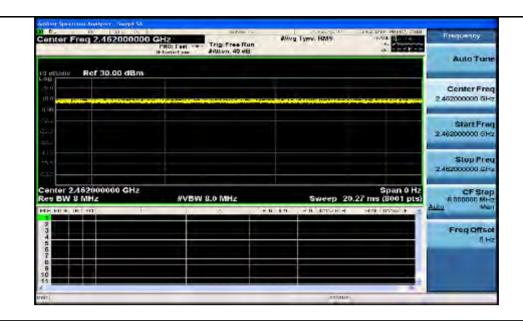




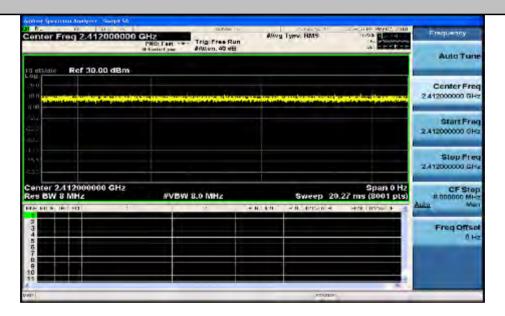




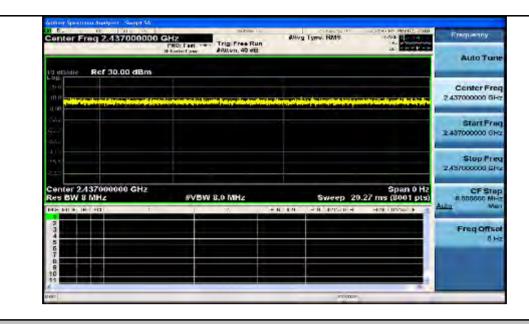




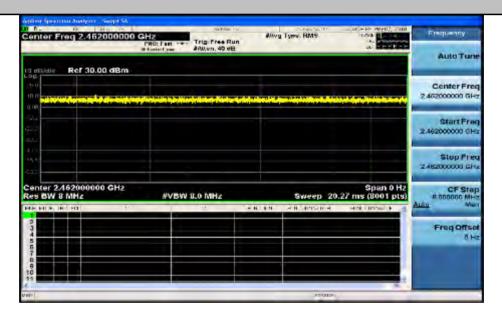
Duty Cycle_11G_2412_Ant1



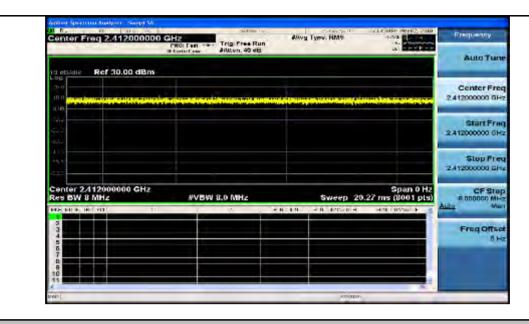
Duty Cycle_11G_2437_Ant1



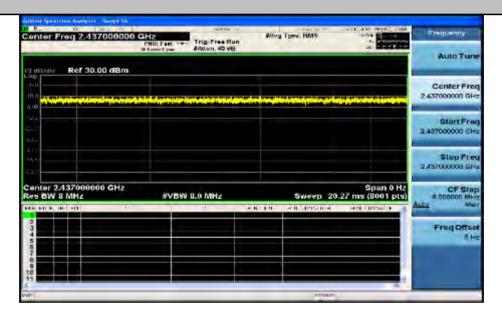
Duty Cycle_11G_2462_Ant1



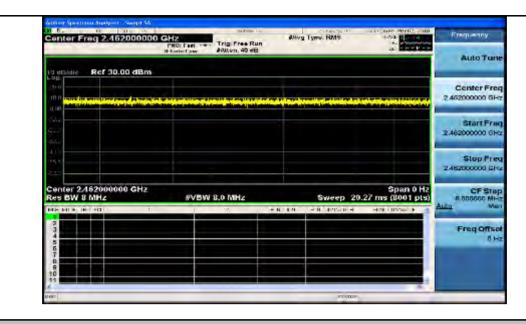
Duty Cycle_11N20SISO_2412_Ant1



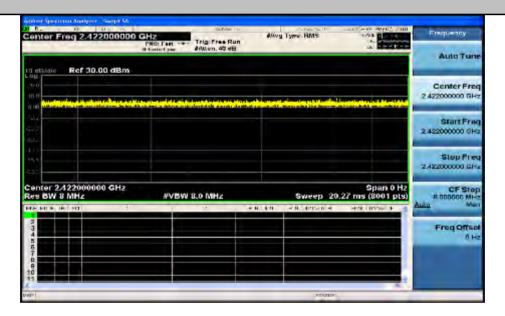
Duty Cycle_11N20SISO_2437_Ant1



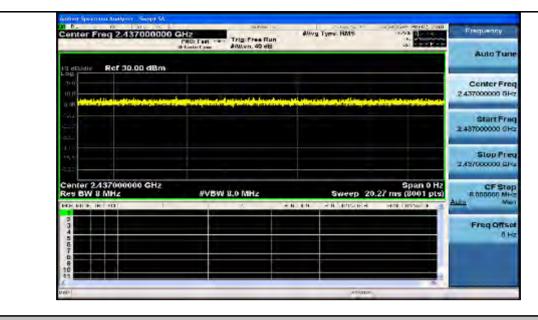
Duty Cycle_11N20SISO_2462_Ant1



Duty Cycle_11N40SISO_2422_Ant1



Duty Cycle_11N40SISO_2437_Ant1



Duty Cycle_11N40SISO_2452_Ant1

