

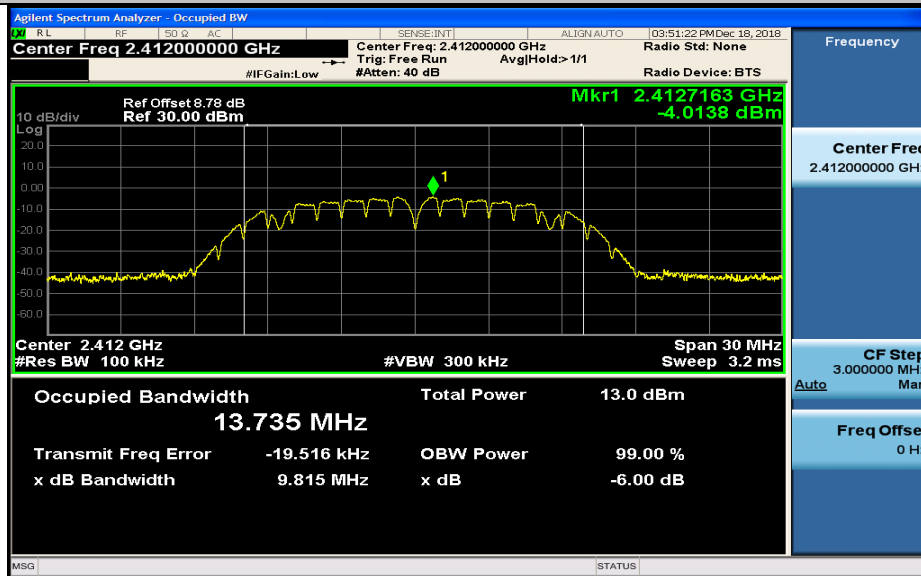


Appendix E for SHEM180900831605

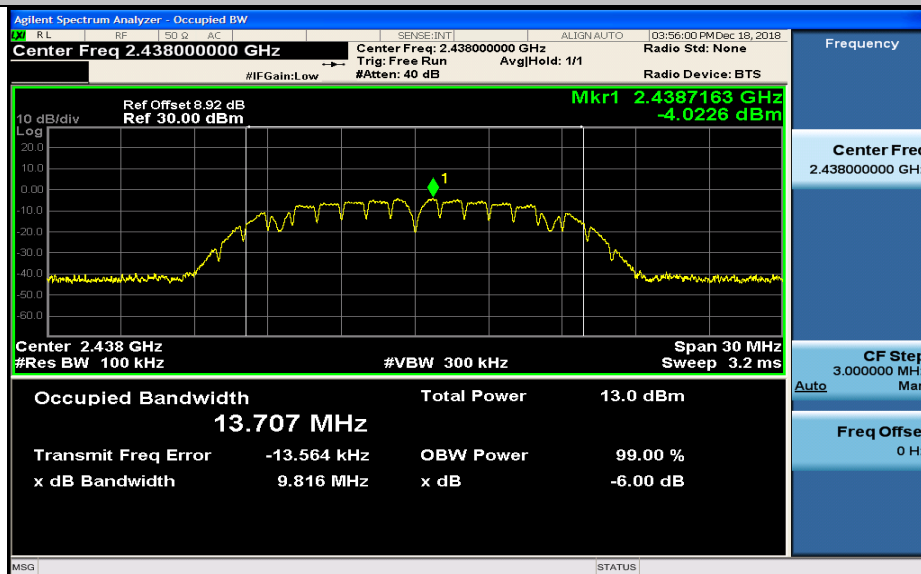
1.6dB Bandwidth

Test Channel	EBW[MHz]		Limit	Verdict
	Ant1	Ant2		
2412	9.82	9.82	0.5	PASS
2438	9.82	9.82	0.5	PASS
2464	9.82	9.82	0.5	PASS

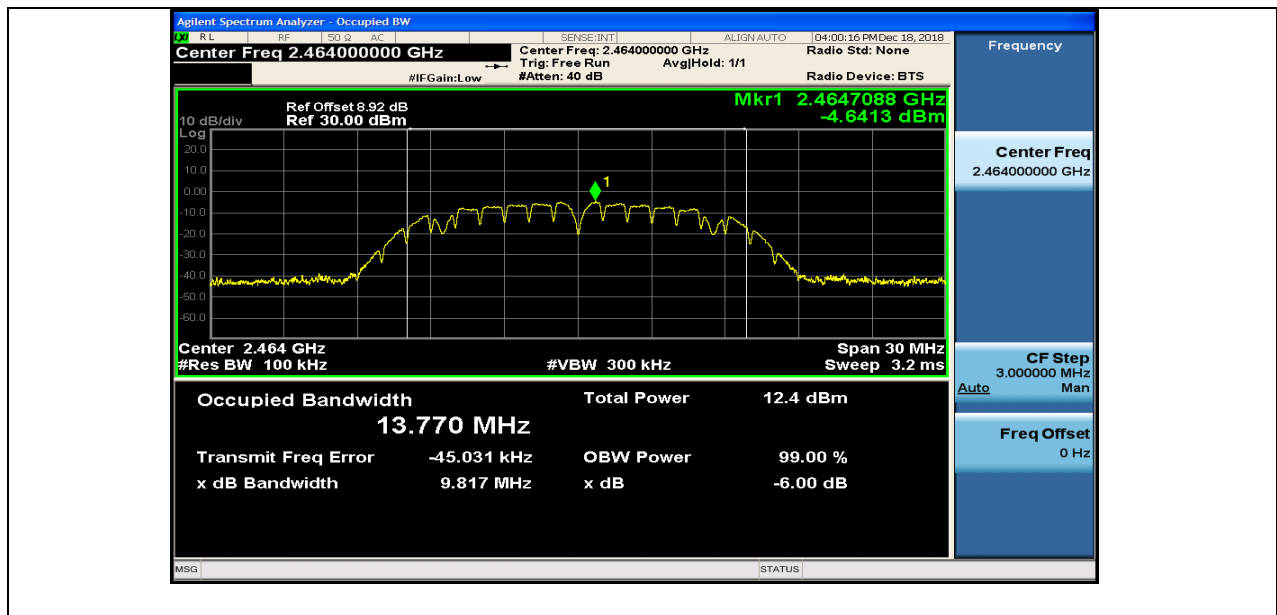
6dB Bandwidth_2412_Ant1



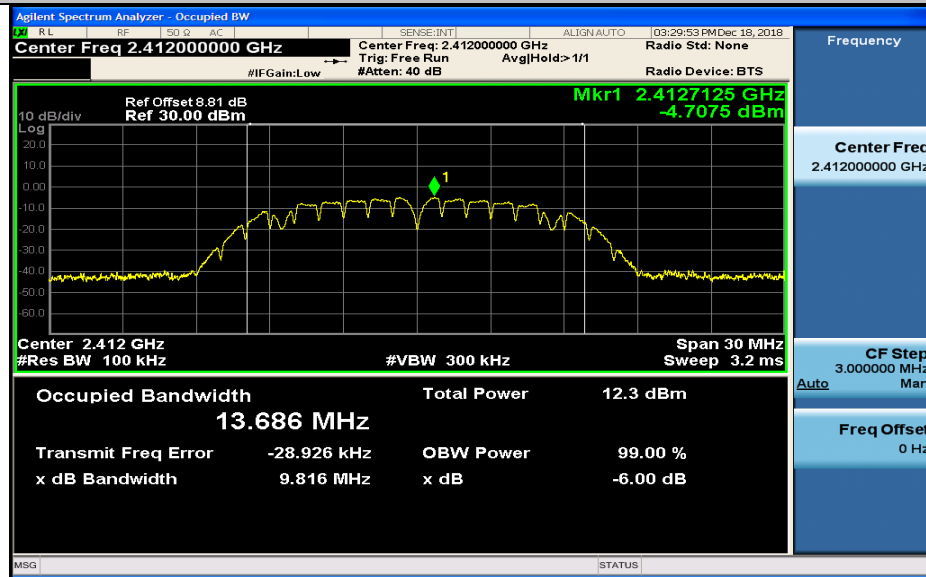
6dB Bandwidth_2438_Ant1



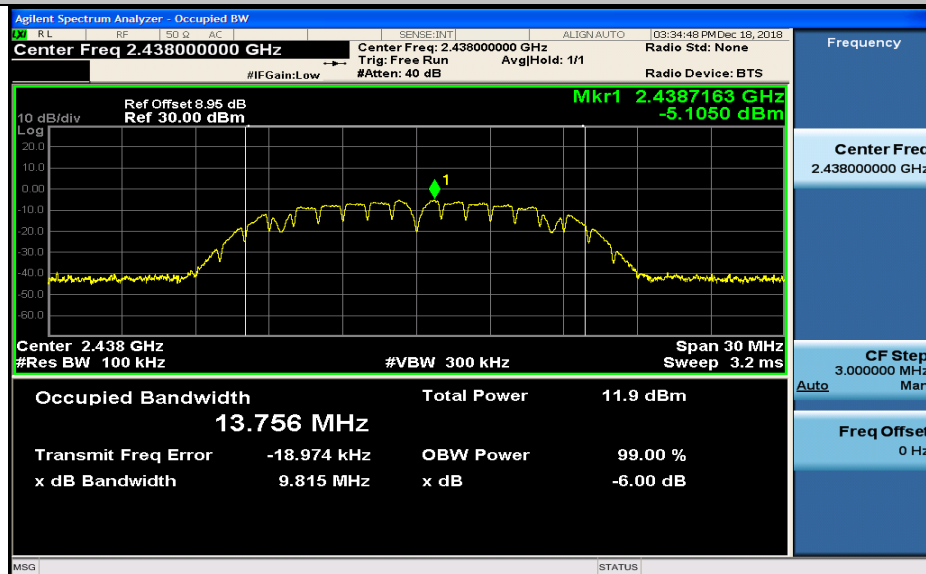
6dB Bandwidth_2464_Ant1



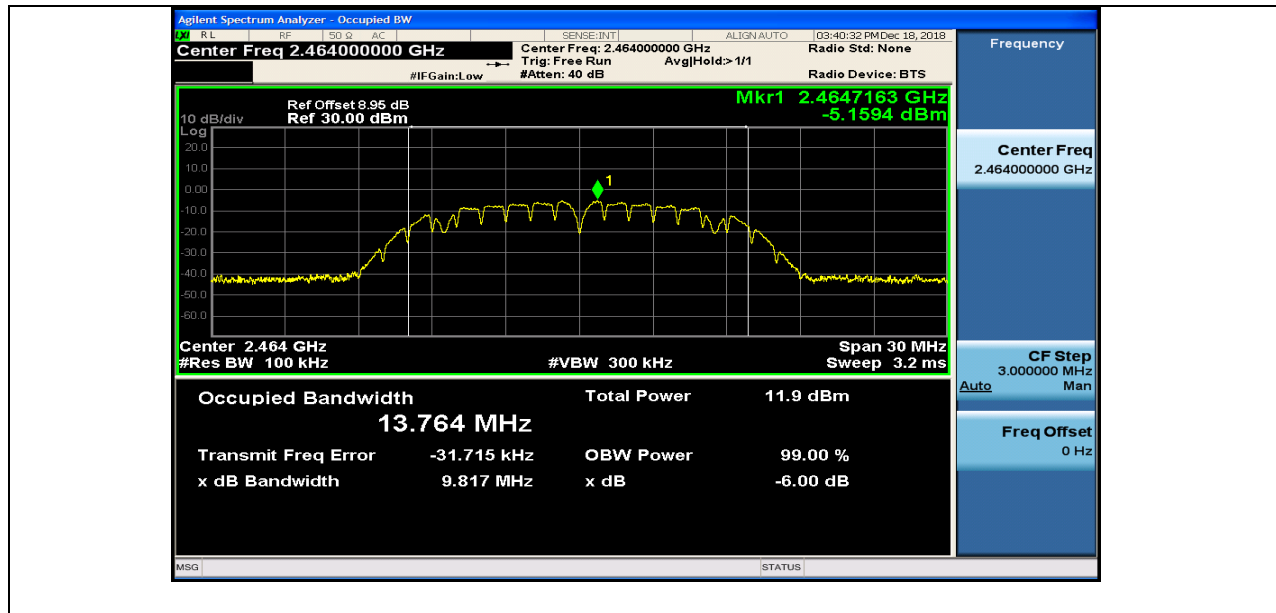
6dB Bandwidth_2412_Ant2



6dB Bandwidth_2438_Ant2



6dB Bandwidth_2464_Ant2

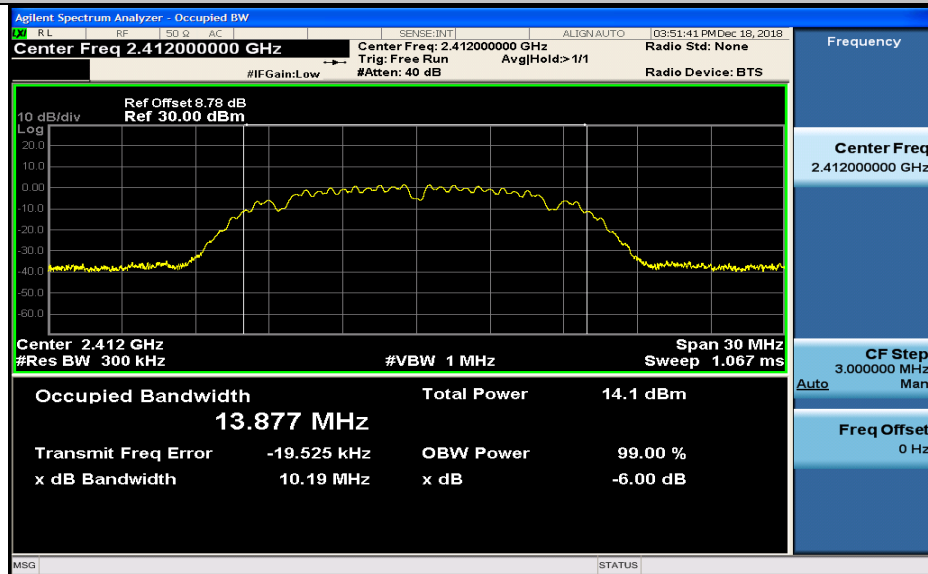




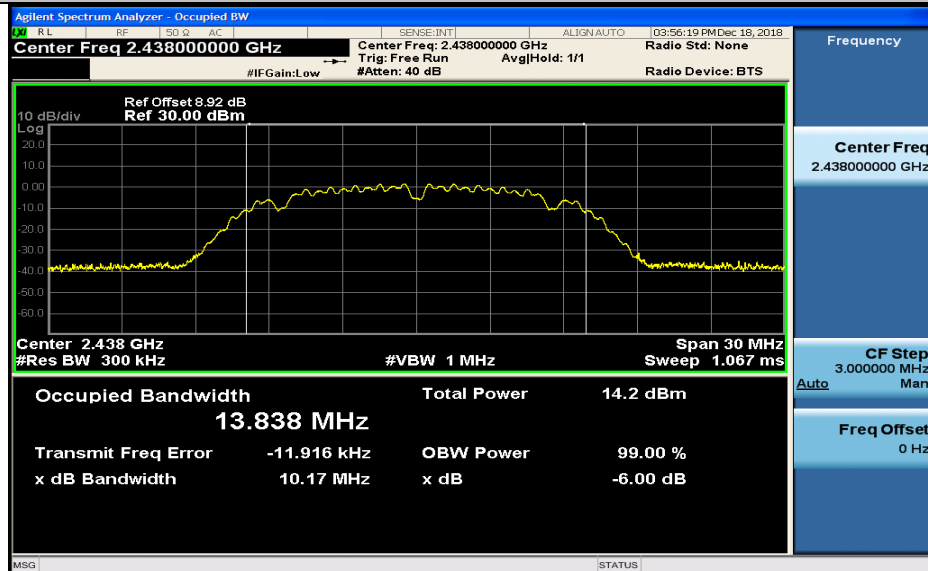
2.Occupied Bandwidth

Test Channel	OBW[MHz]		Limit[MHz]	Verdict
	Ant1	Ant2		
2412	13.88	13.81	---	PASS
2438	13.84	13.89	---	PASS
2464	13.89	13.90	---	PASS

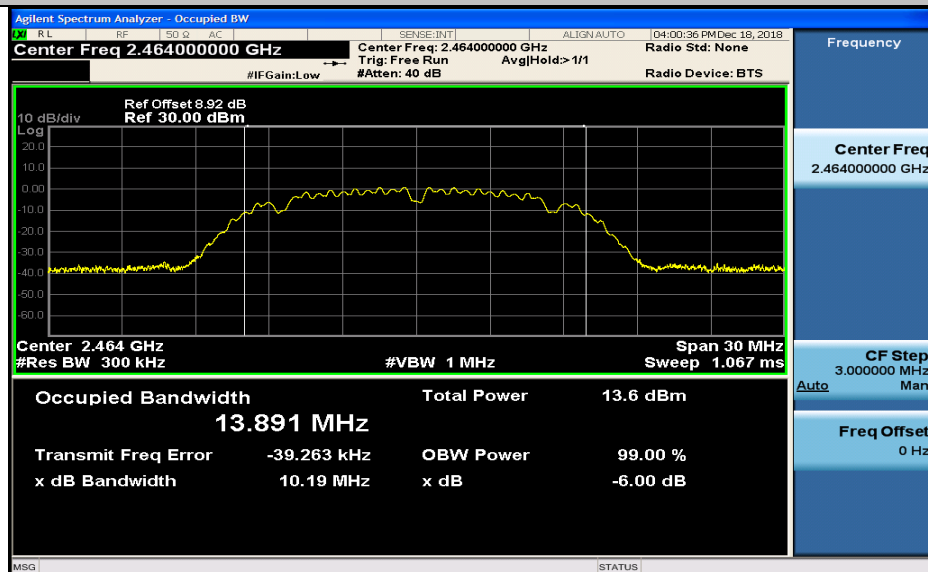
Occupied Bandwidth_2412_Ant1



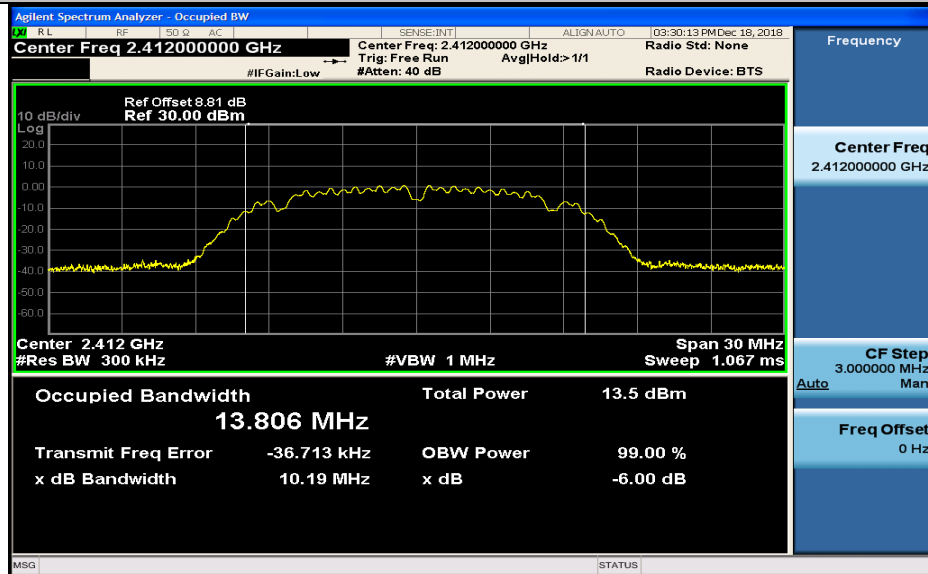
Occupied Bandwidth_2438_Ant1



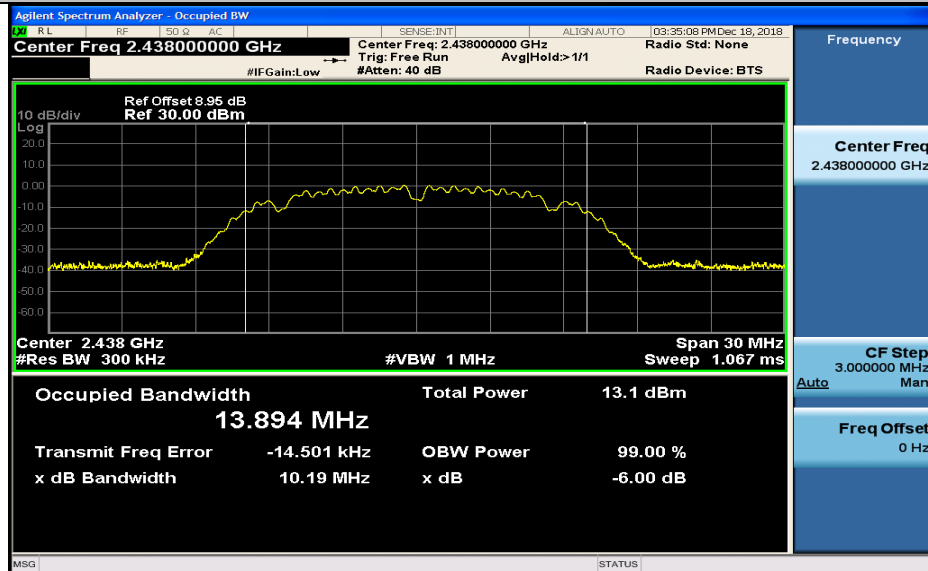
Occupied Bandwidth_2464_Ant1



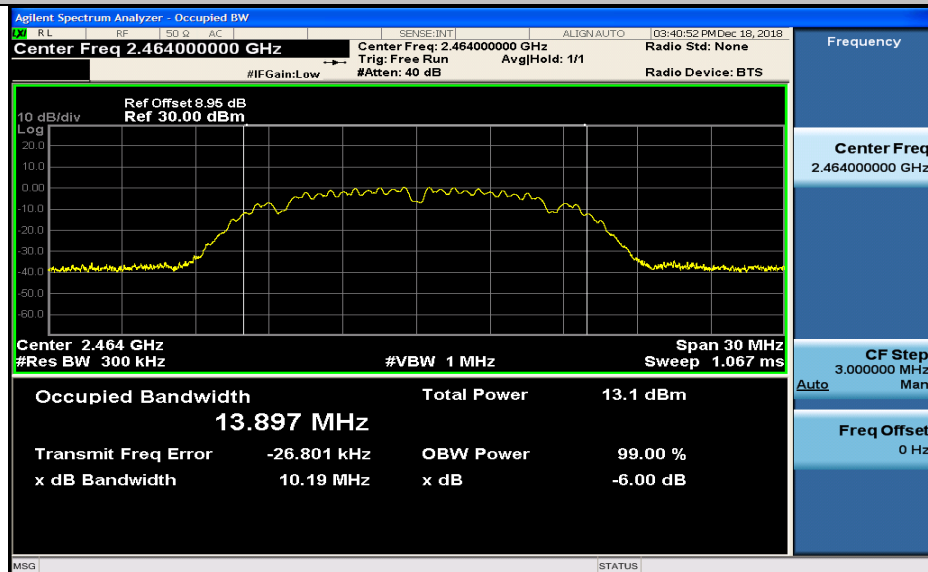
Occupied Bandwidth_2412_Ant2



Occupied Bandwidth_2438_Ant2



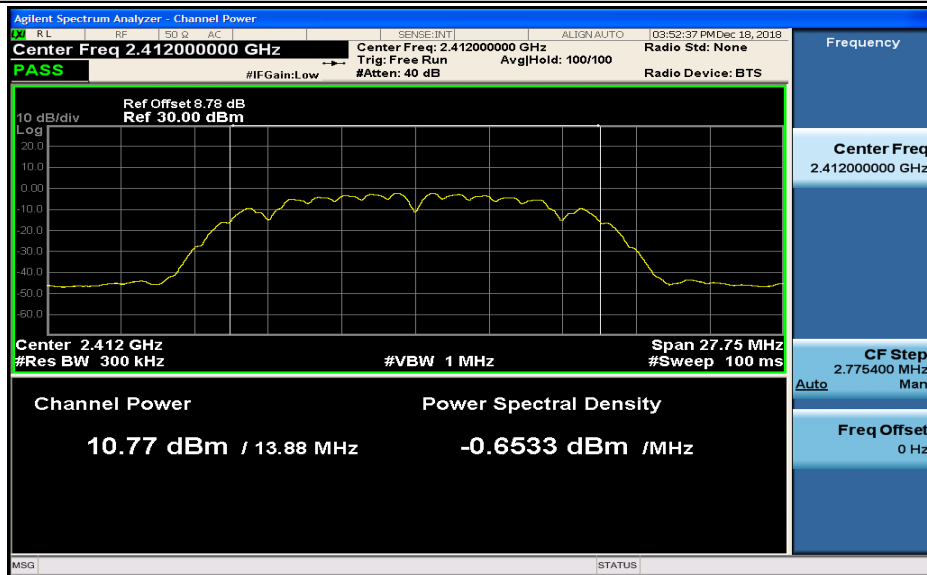
Occupied Bandwidth_2464_Ant2



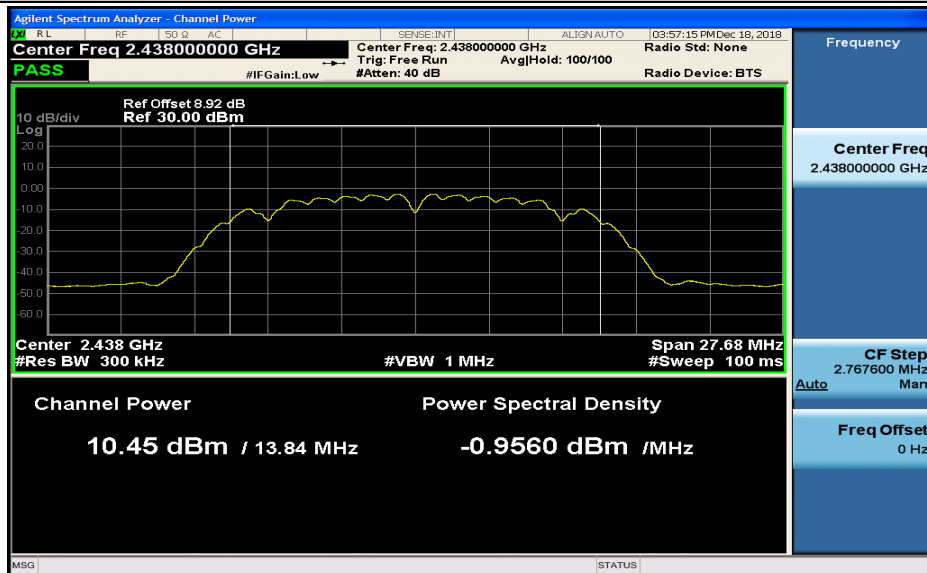
3.Maximum conducted (average) output power

Test Channel	Level [dBm]		10log(1/x) Factor[dB]		Power [dBm]		Limit [dBm]	Verdict
	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2		
2412	10.77	10.19	0.00	0.00	10.77	10.19	30	PASS
2438	10.45	9.77	0.00	0.00	10.45	9.77	30	PASS
2464	10.33	9.78	0.00	0.00	10.33	9.78	30	PASS

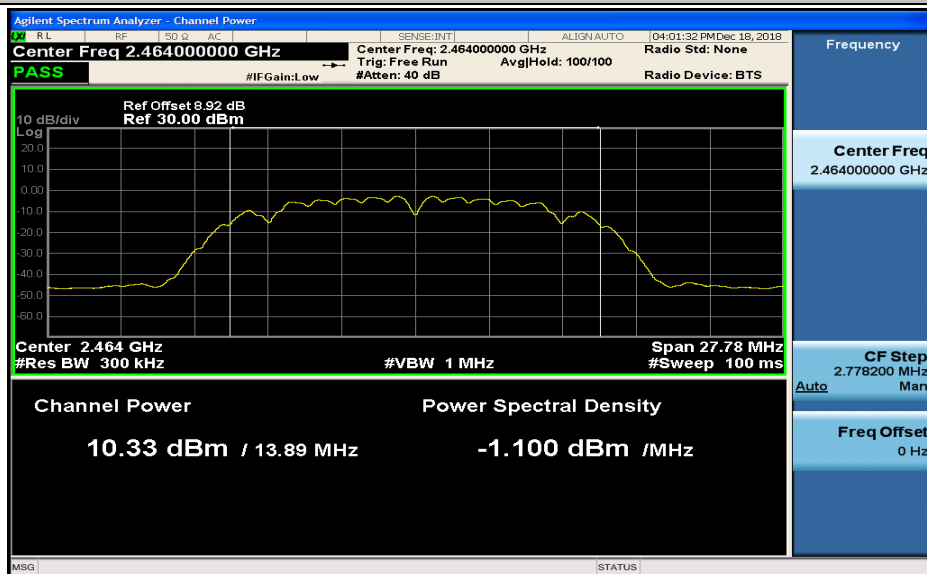
Maximum conducted (average) output power_2412_Ant1



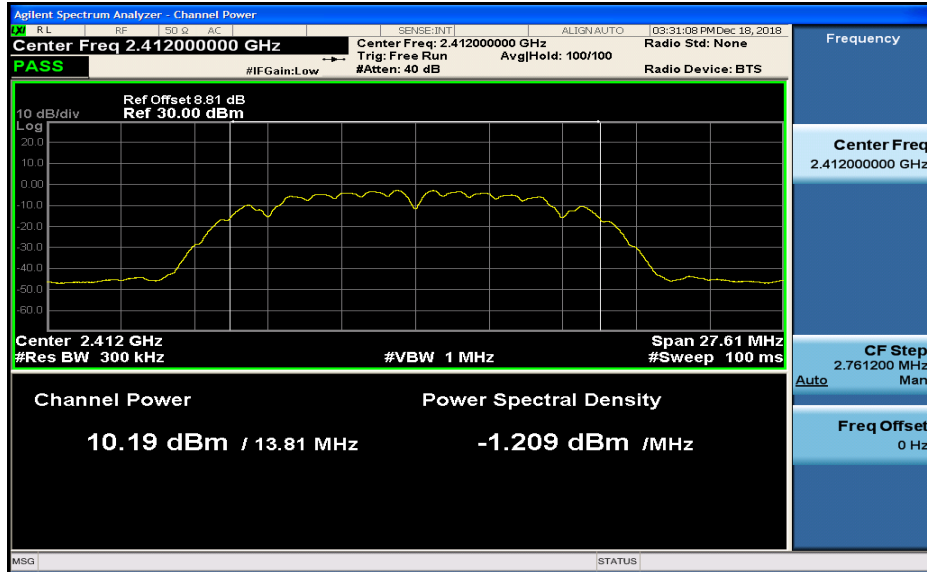
Maximum conducted (average) output power_2438_Ant1



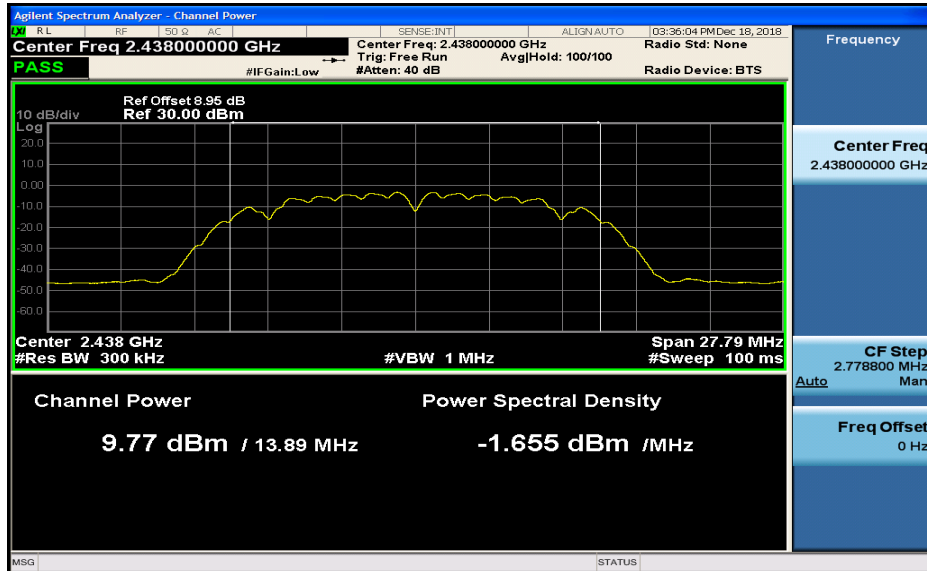
Maximum conducted (average) output power_2464_Ant1



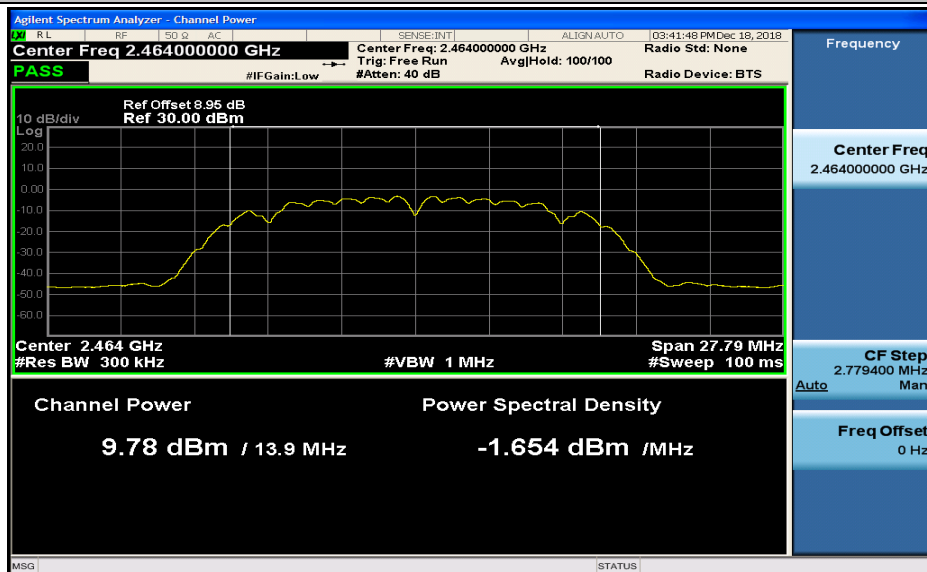
Maximum conducted (average) output power_2412_Ant2



Maximum conducted (average) output power_2438_Ant2



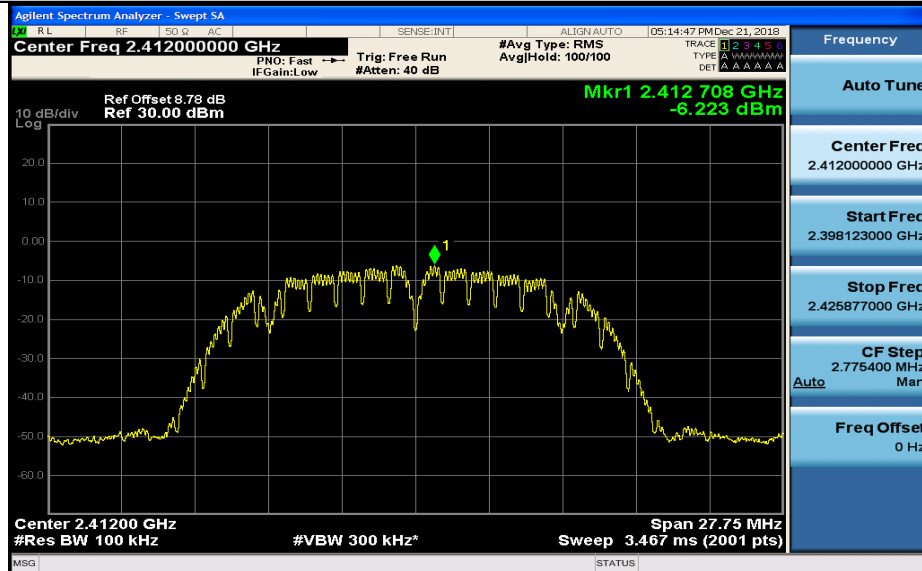
Maximum conducted (average) output power_2464_Ant2



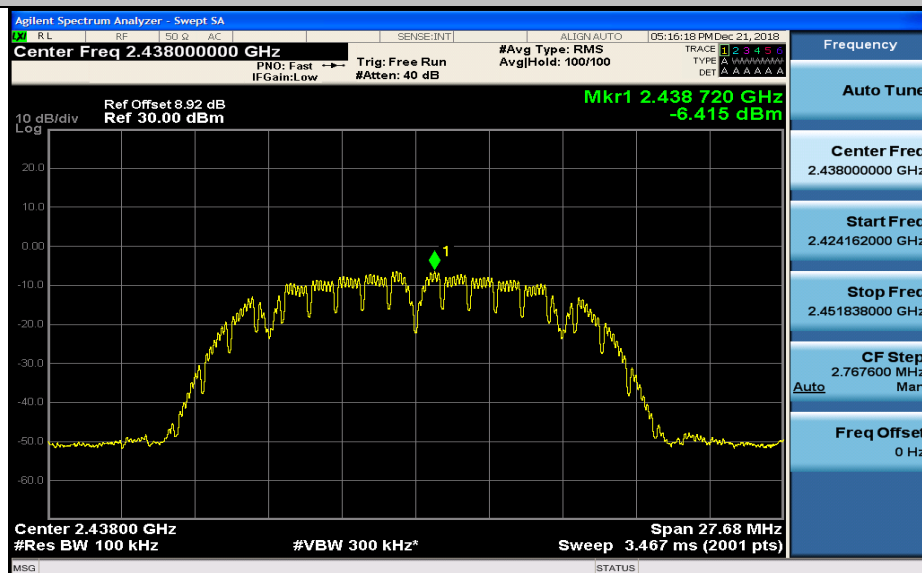
4.Maximum(average) power spectral density

Test Channel	Level [dBm/100kHz]		10log(1/x) Factor[dB]		PSD[dBm/100kHz]		Limit[dBm/3k Hz]	Verdict
	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2		
2412	-6.22	-5.74	0.00	0.00	-6.22	-5.74	8.00	PASS
2438	-6.42	-5.92	0.00	0.00	-6.42	-5.92	8.00	PASS
2464	-6.71	-6.37	0.00	0.00	-6.71	-6.37	8.00	PASS

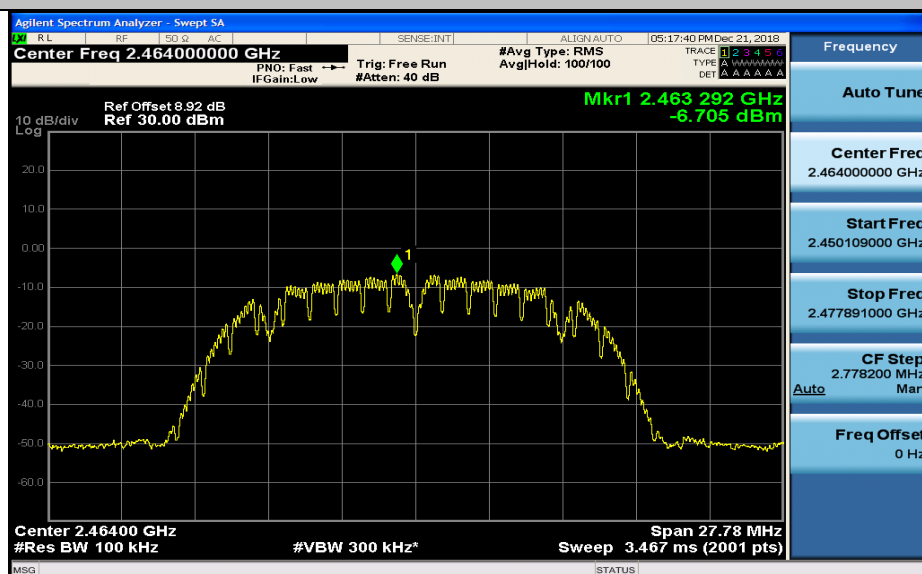
Maximum(average) power spectral density_2412_Ant1



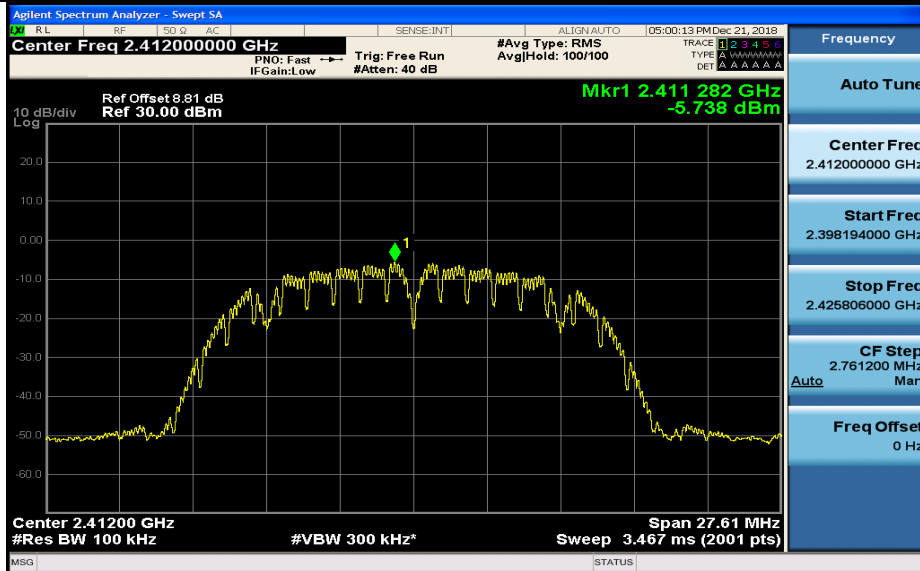
Maximum(average) power spectral density_2438_Ant1



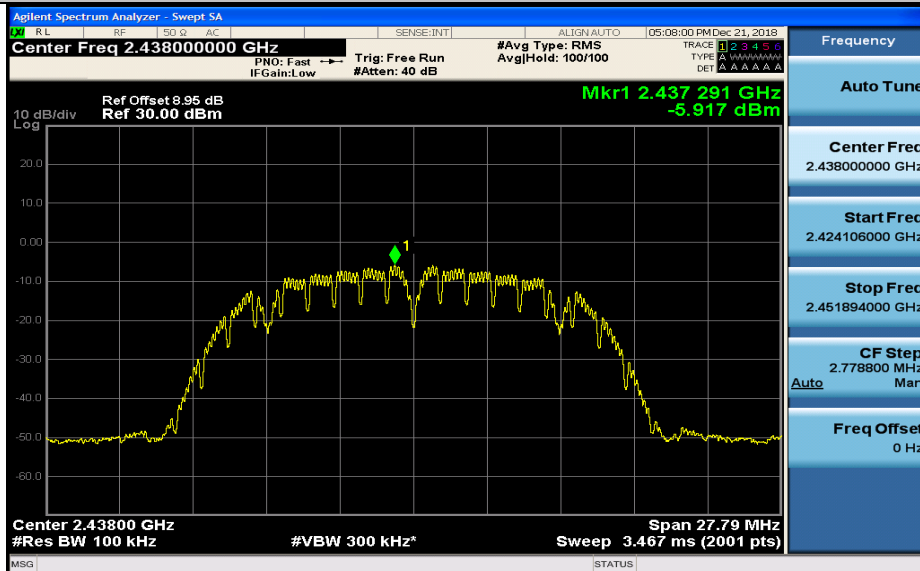
Maximum(average) power spectral density_2464_Ant1



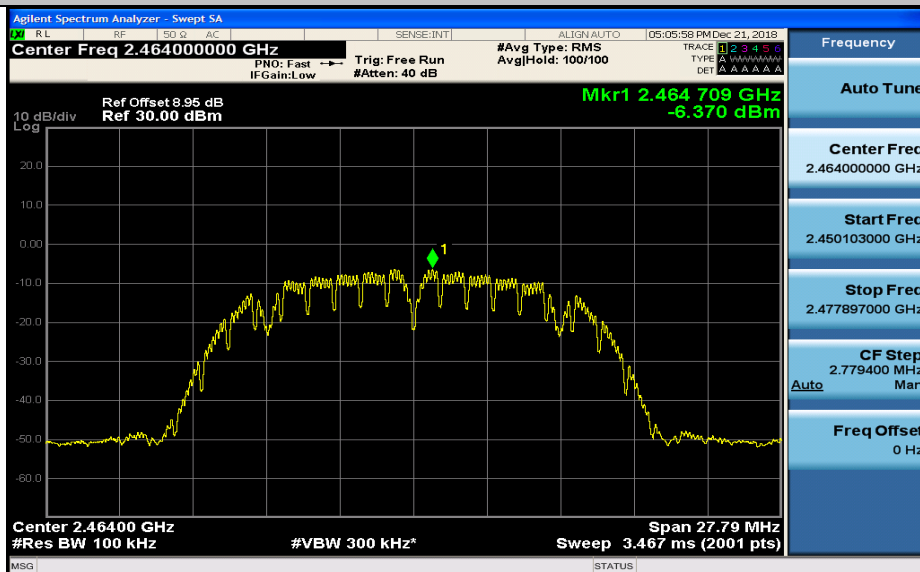
Maximum(average) power spectral density_2412_Ant2



Maximum(average) power spectral density_2438_Ant2



Maximum(average) power spectral density_2464_Ant2





5.Band-edge for RF Conducted Emissions

Test Channel	Carrier Power[dBm]		Max. Spurious Level [dBm]		Limit [dBm]		Verdict
	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
2412	-4.14	-4.64	-51.49	-52.11	-34.14	-34.64	PASS
2464	-4.45	-4.98	-56.90	-56.58	-34.45	-34.98	PASS

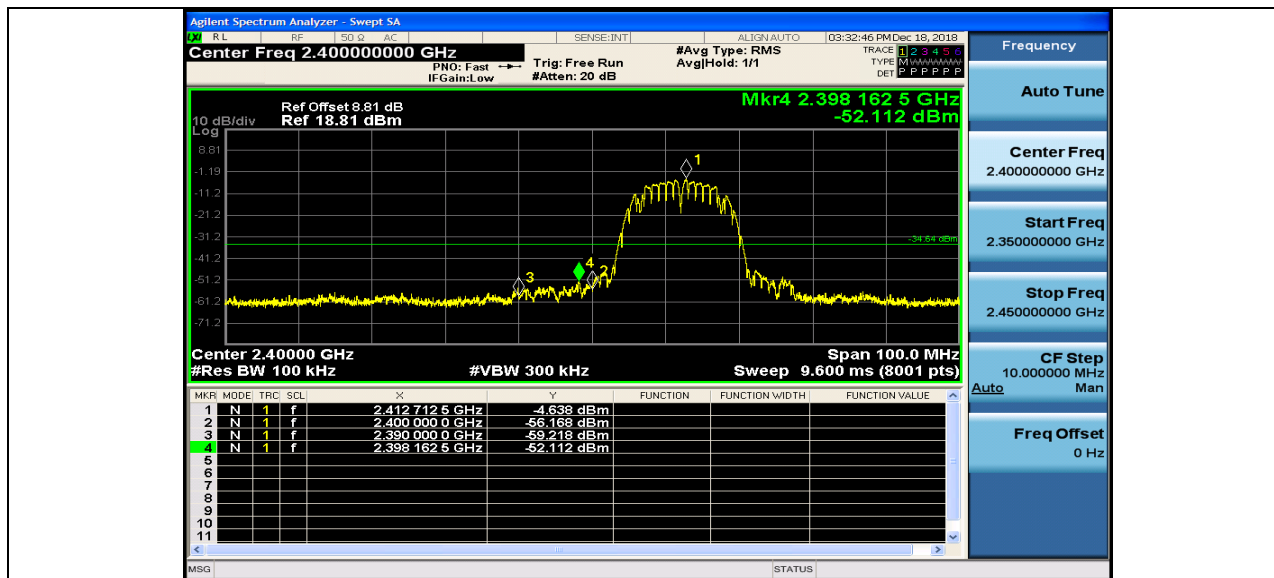
Band-edge for RF Conducted Emissions_2412_Ant1



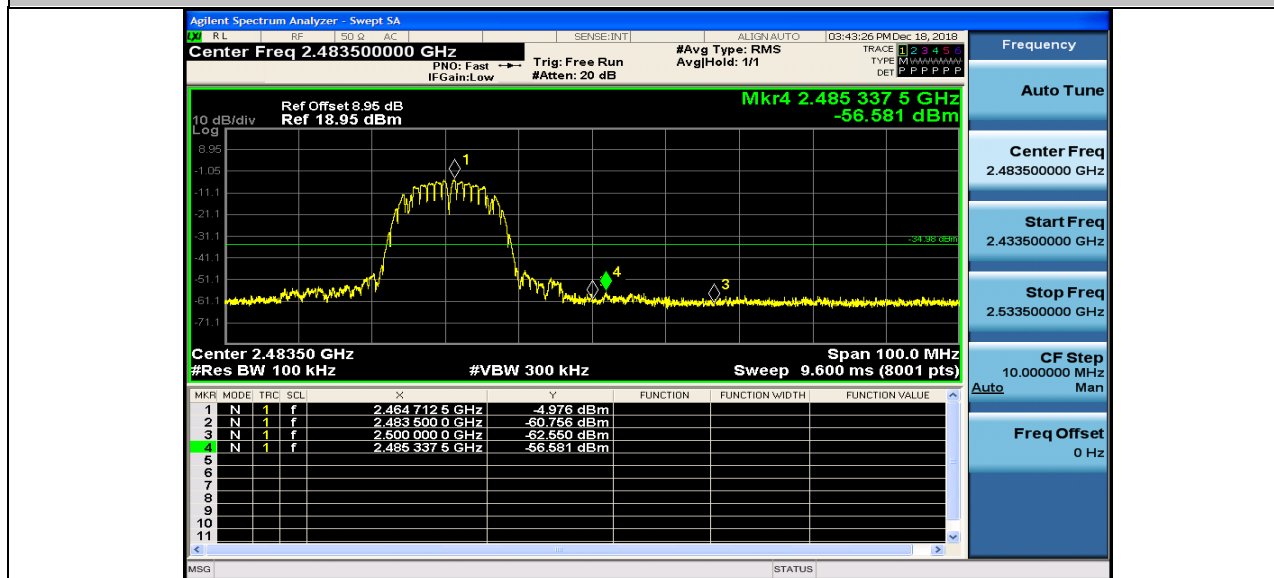
Band-edge for RF Conducted Emissions_2464_Ant1



Band-edge for RF Conducted Emissions_2412_Ant2



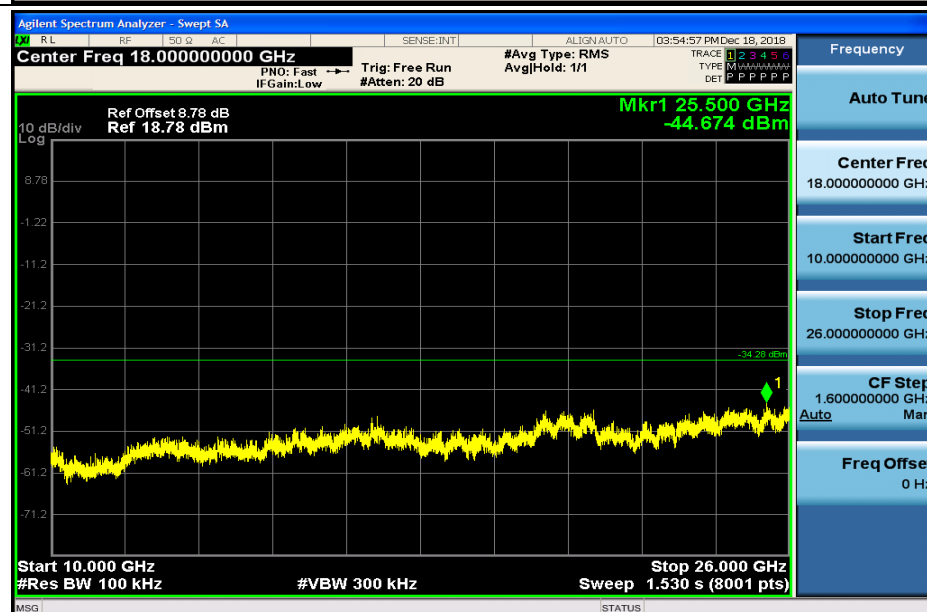
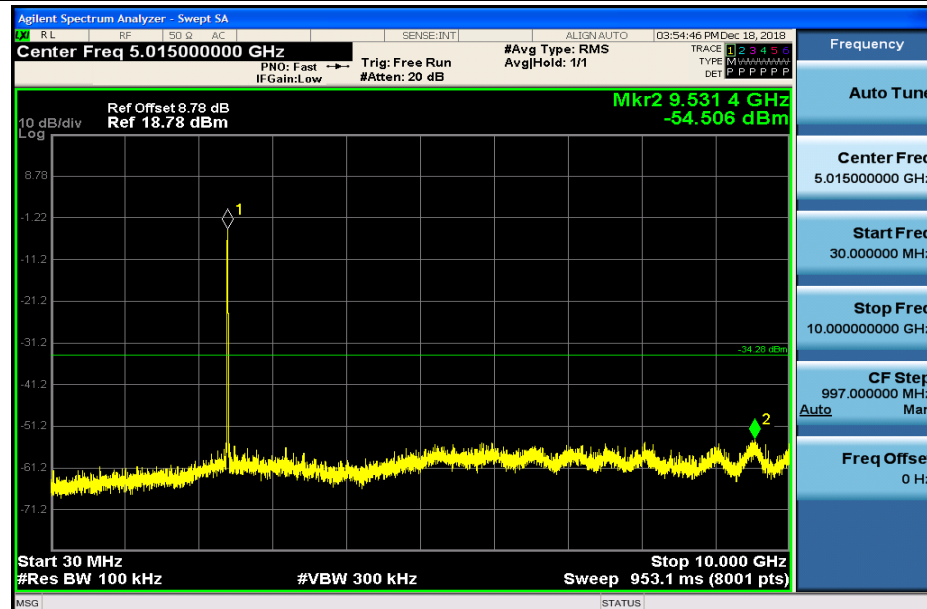
Band-edge for RF Conducted Emissions_2464_Ant2



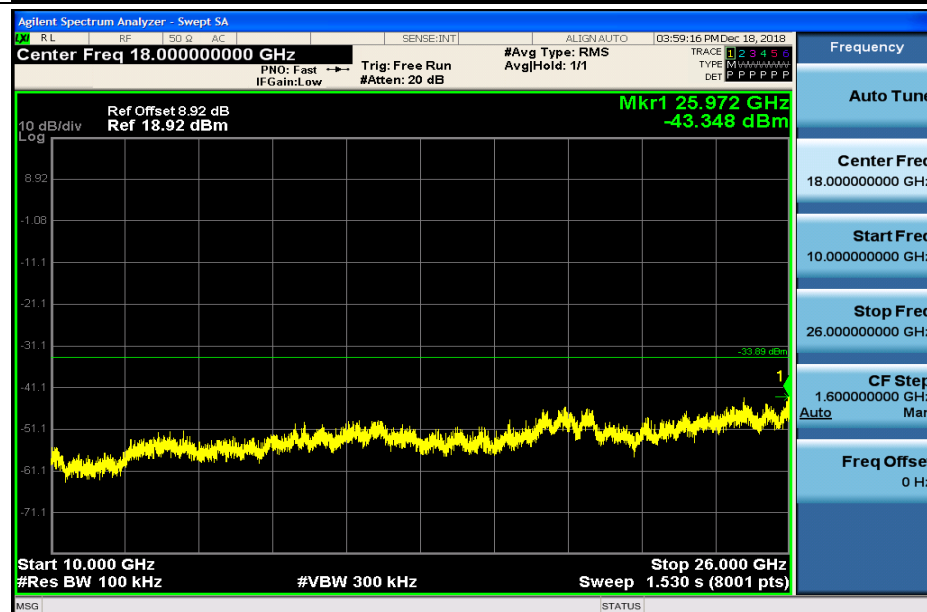
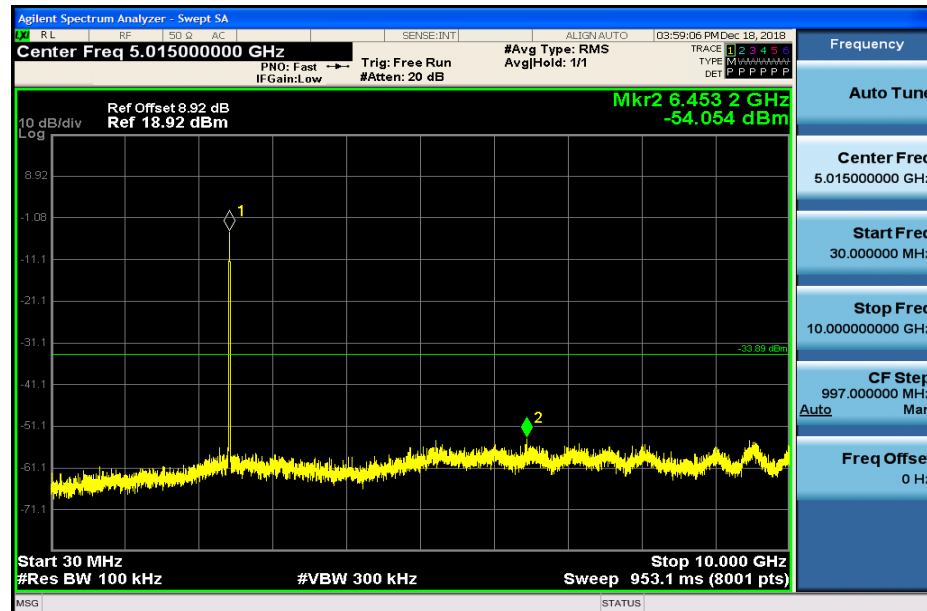
6.RF Conducted Spurious Emissions

Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]		Max. Level [dBm]		Limit [dBm]		Verdict
					Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
2412	30	10000	100	300	-4.28	-4.75	-54.51	-54.43	<- 34.28	<- 34.75	PASS
2412	10000	26000	100	300	-4.283	-4.752	-44.674	-43.969	<- 34.283	<- 34.752	PASS
2438	30	10000	100	300	-3.89	-5.10	-54.05	-54.32	<- 33.89	<- 35.10	PASS
2438	10000	26000	100	300	-3.892	-5.1	-43.348	-44.487	<- 33.892	<-35.1	PASS
2464	30	10000	100	300	-4.52	-5.09	-54.76	-52.97	<- 34.52	<- 35.09	PASS
2464	10000	26000	100	300	-4.523	-5.086	-44.776	-43.785	<- 34.523	<- 35.086	PASS

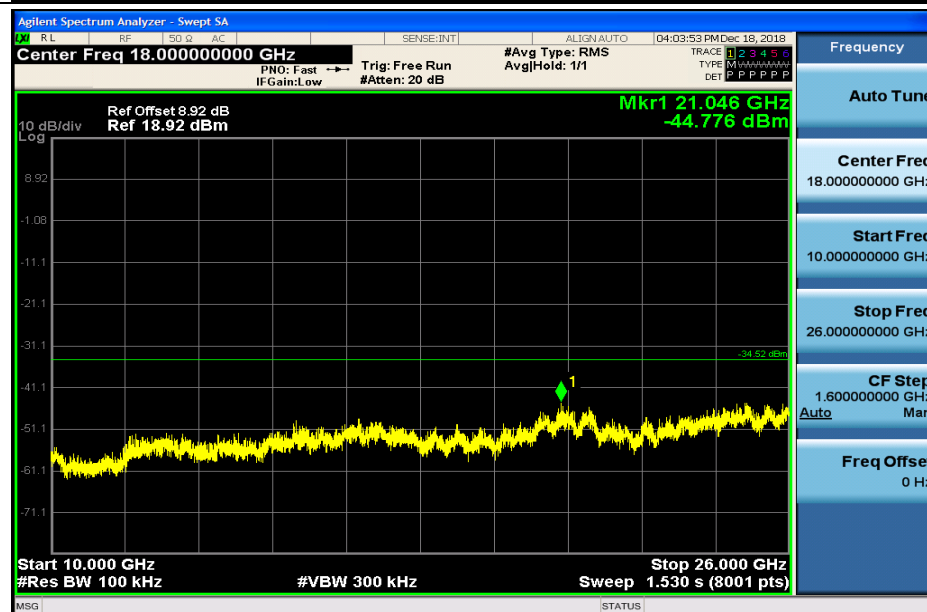
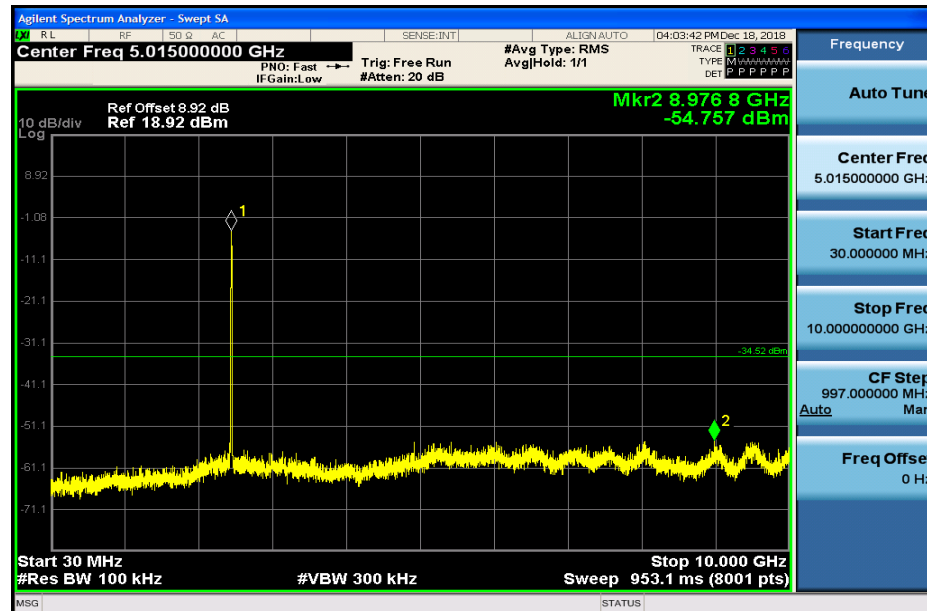
RF Conducted Spurious Emissions_2412_Ant1



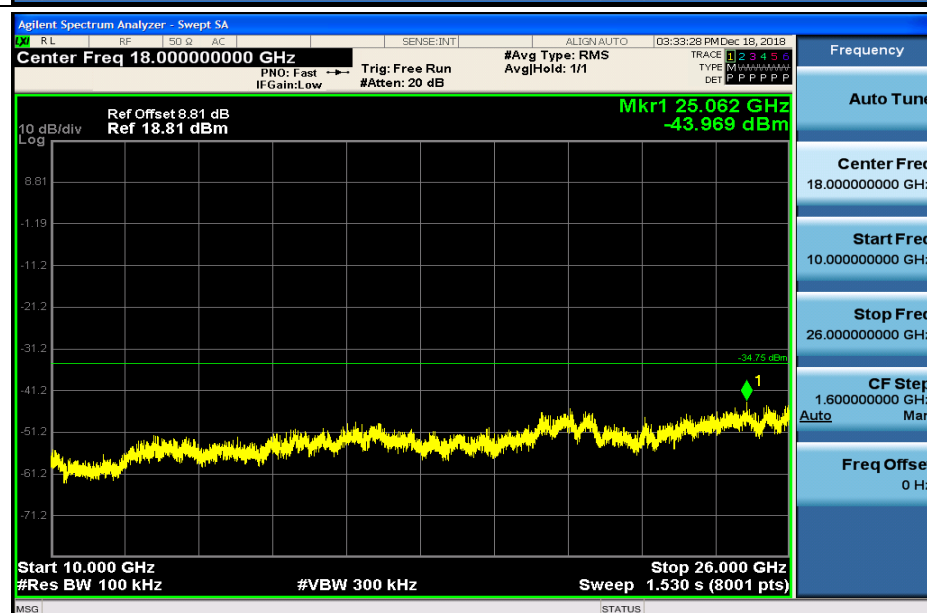
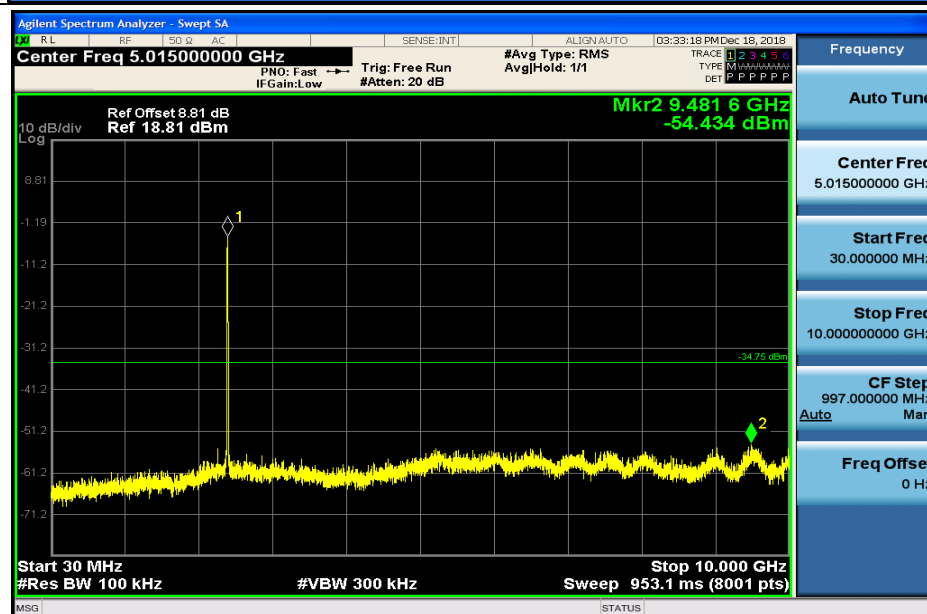
RF Conducted Spurious Emissions_2438_Ant1



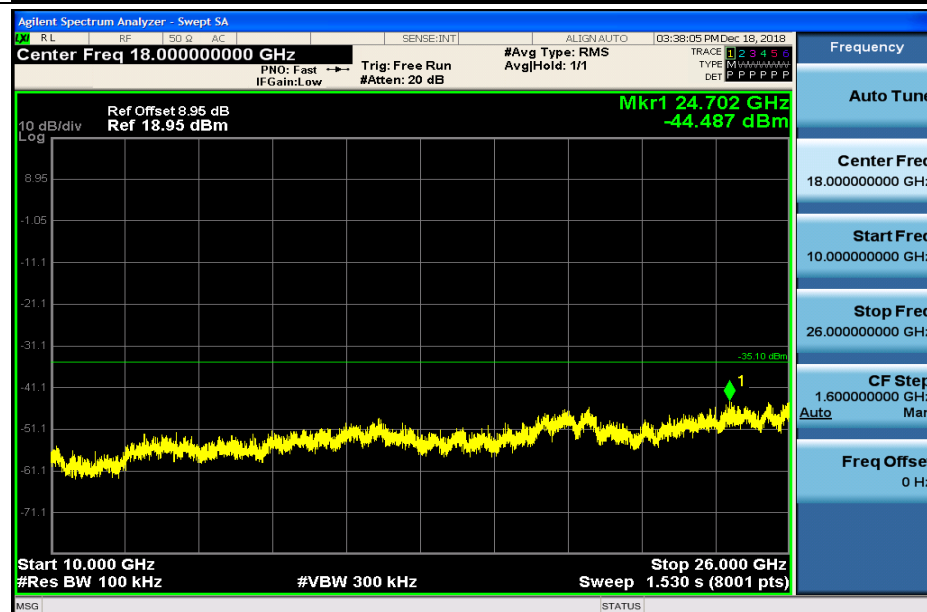
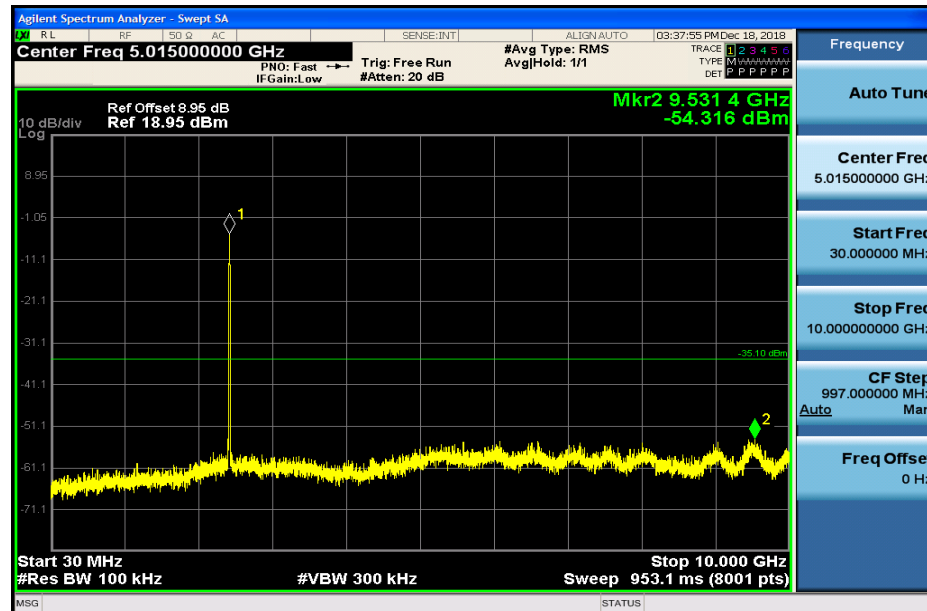
RF Conducted Spurious Emissions_2464_Ant1



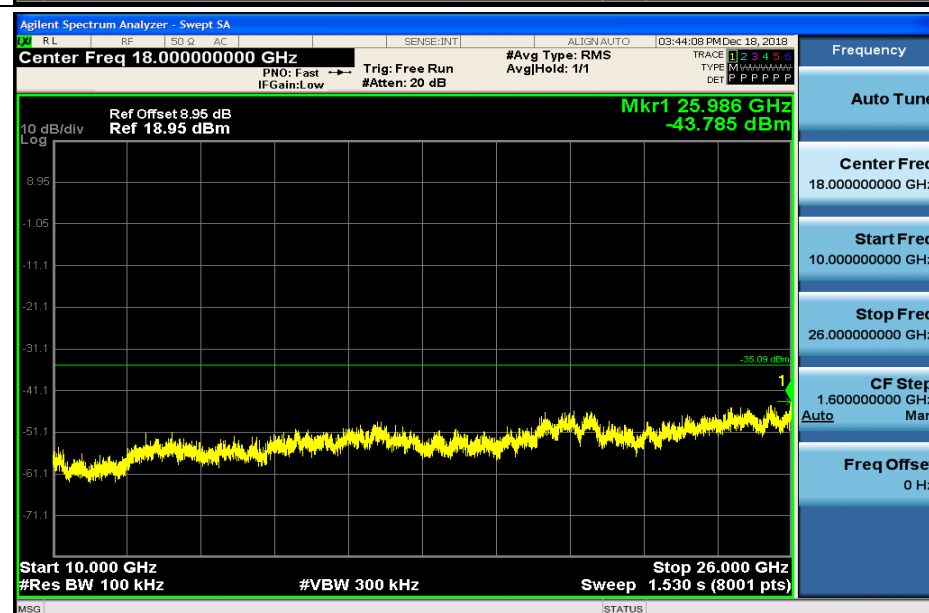
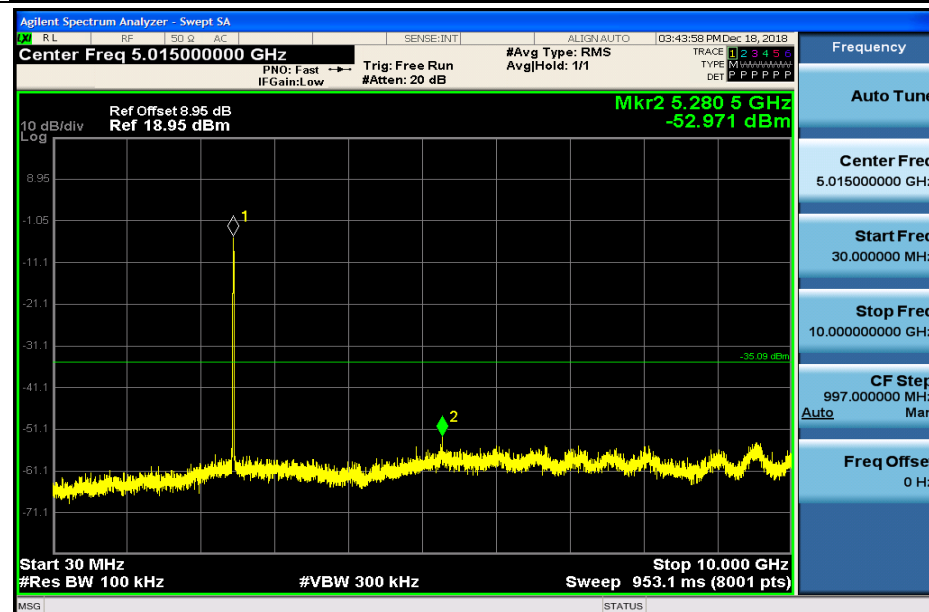
RF Conducted Spurious Emissions_2412_Ant2



RF Conducted Spurious Emissions_2438_Ant2



RF Conducted Spurious Emissions_2464_Ant2

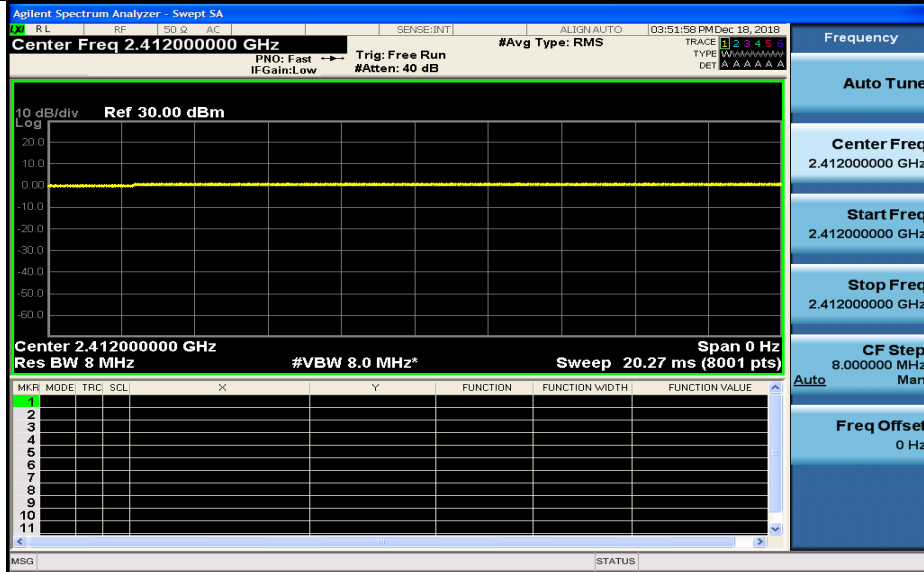




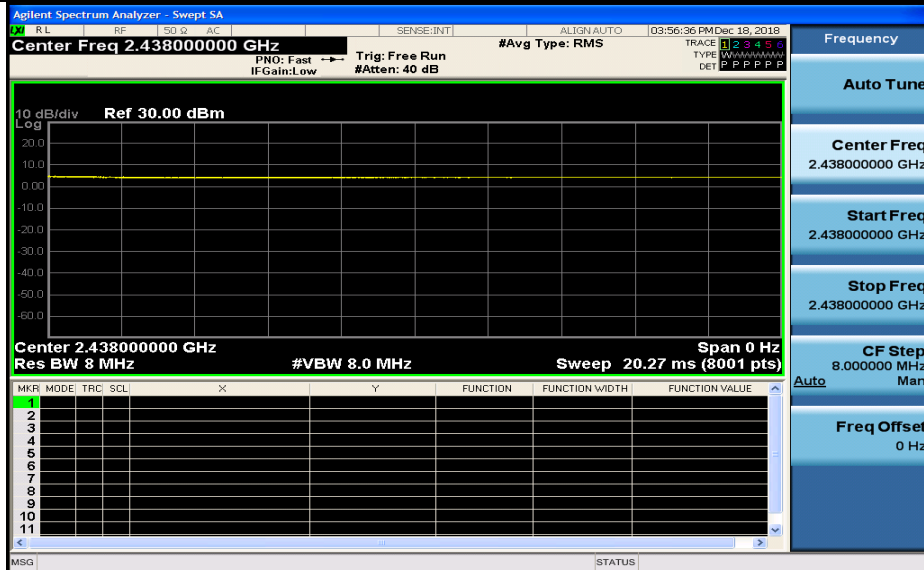
7.Duty Cycle

Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
	Ant1	Ant2	Ant1	Ant2
2412	100.00	100.00	0.00	0.00
2438	100.00	100.00	0.00	0.00
2464	100.00	100.00	0.00	0.00

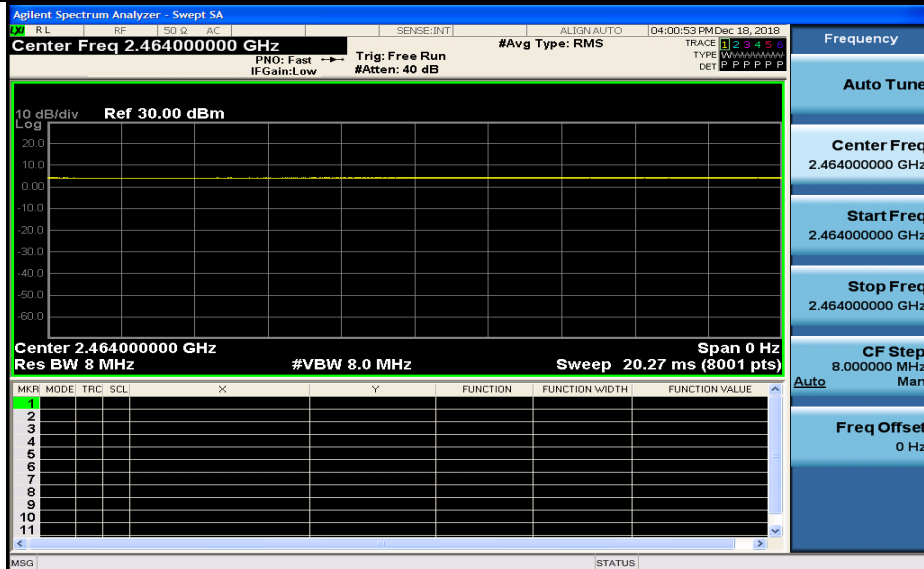
Duty Cycle_2412_Ant1



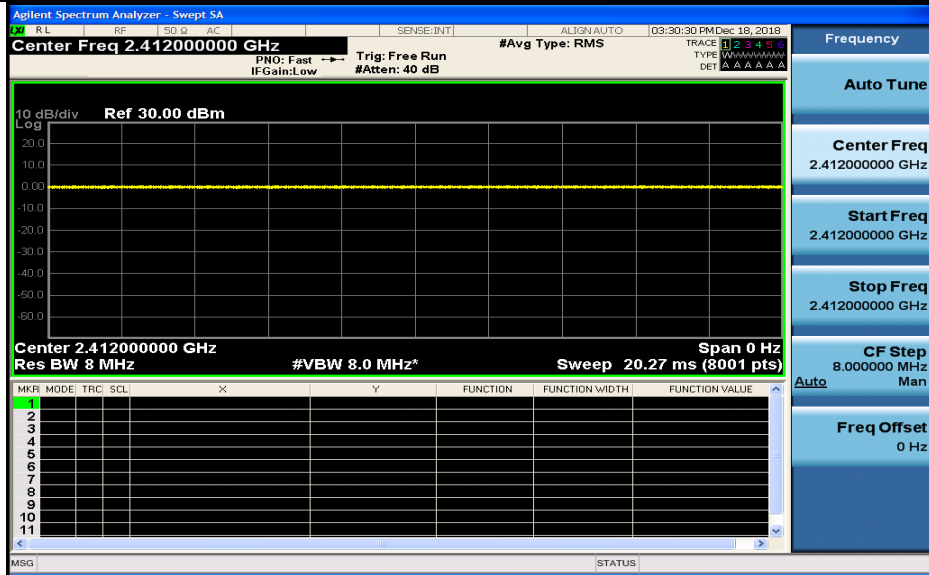
Duty Cycle_2438_Ant1



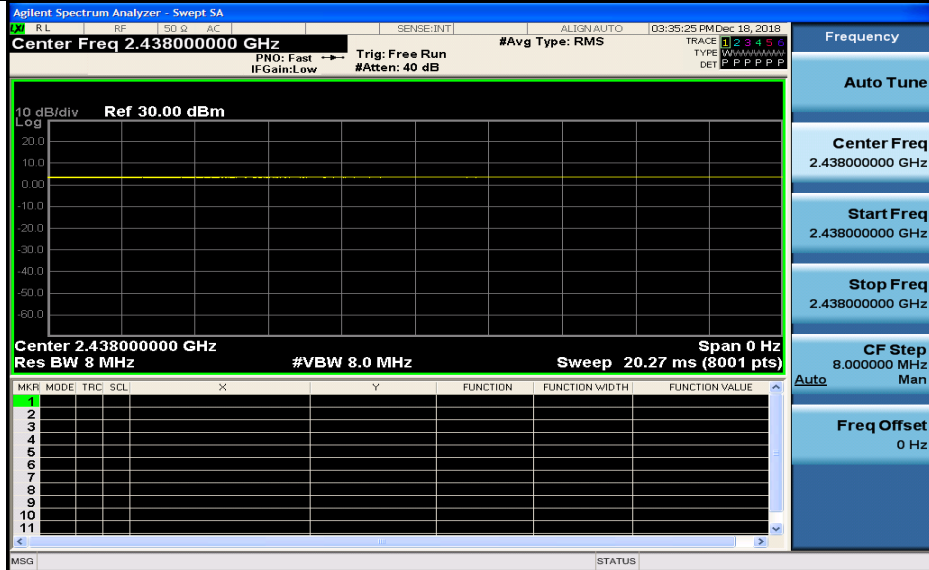
Duty Cycle_2464_Ant1



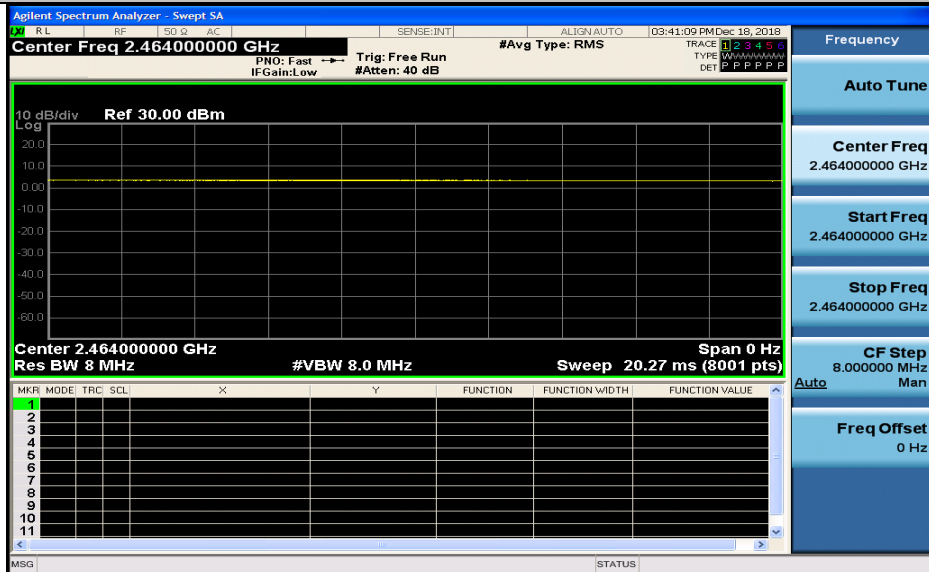
Duty Cycle_2412_Ant2



Duty Cycle_2438_Ant2



Duty Cycle_2464_Ant2





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