

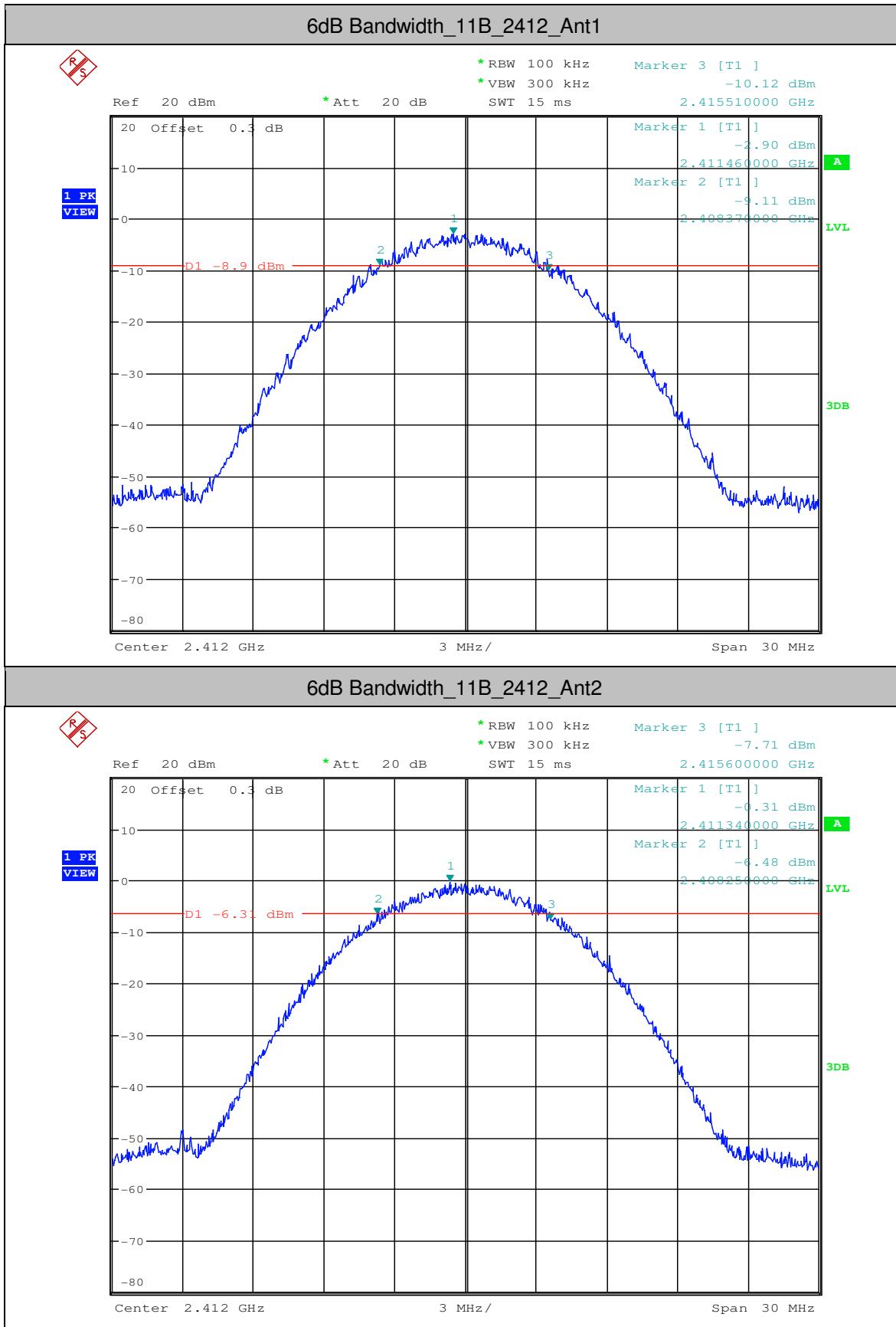
9 Appendix

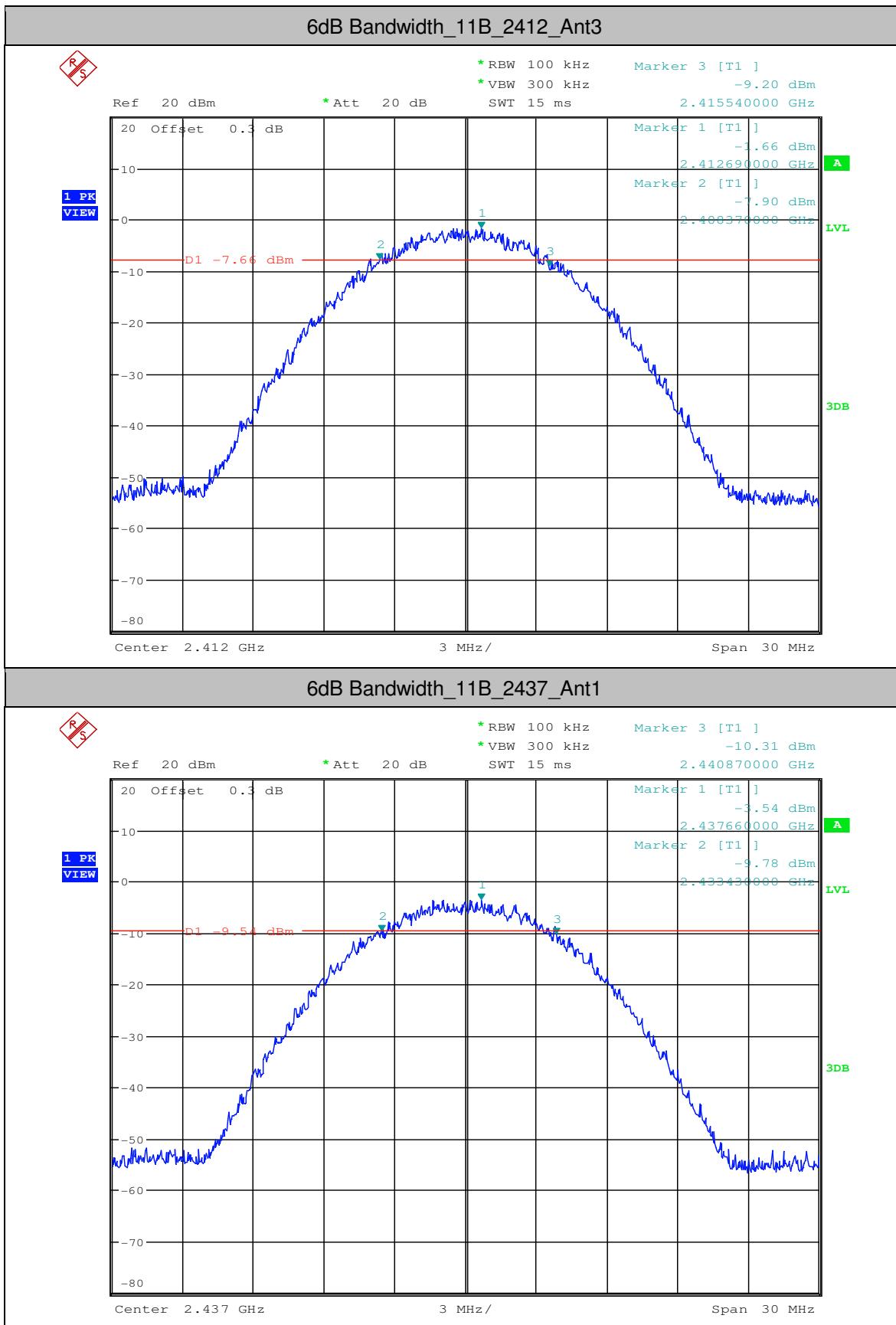
Appendix 15.247

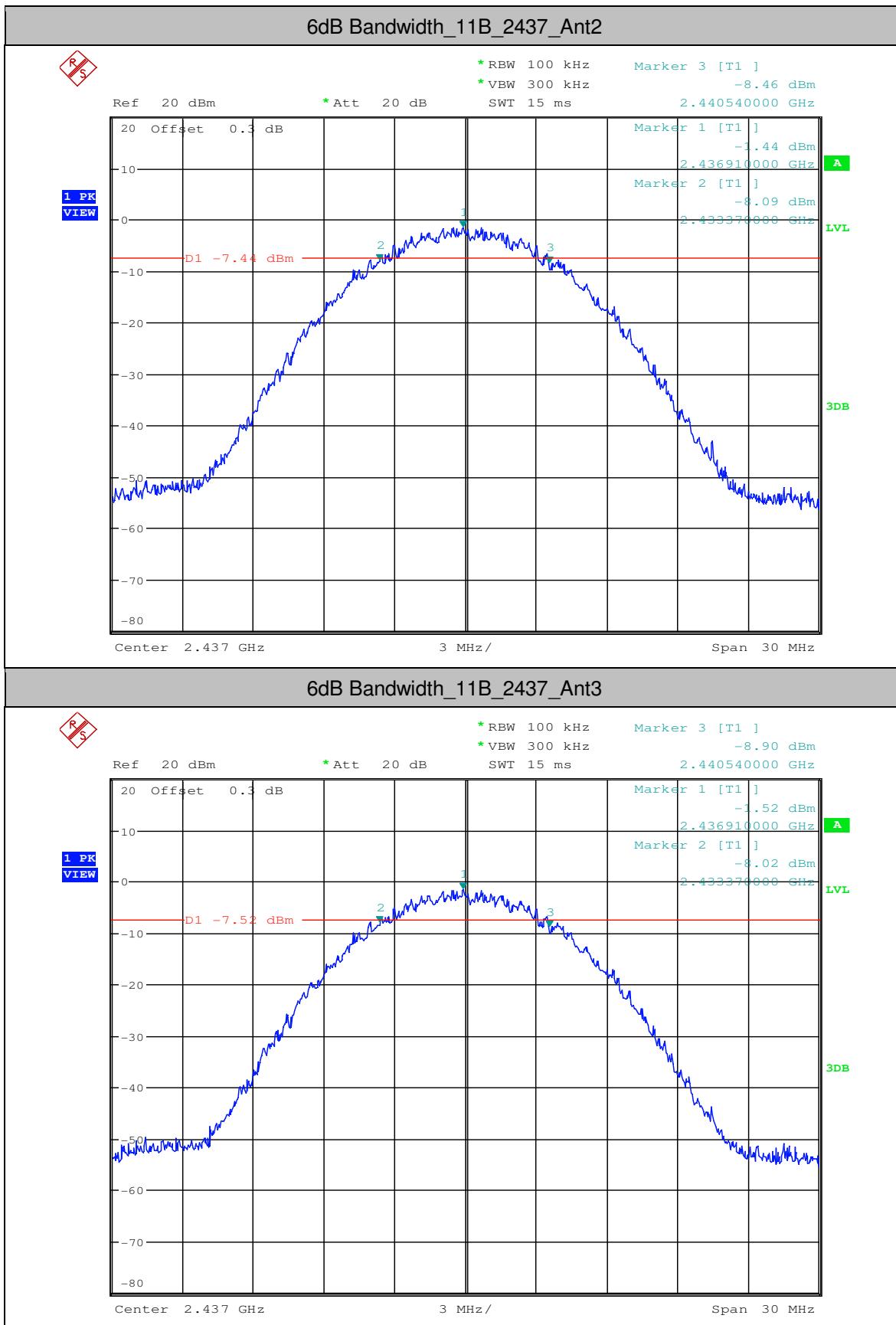
1.6dB Bandwidth

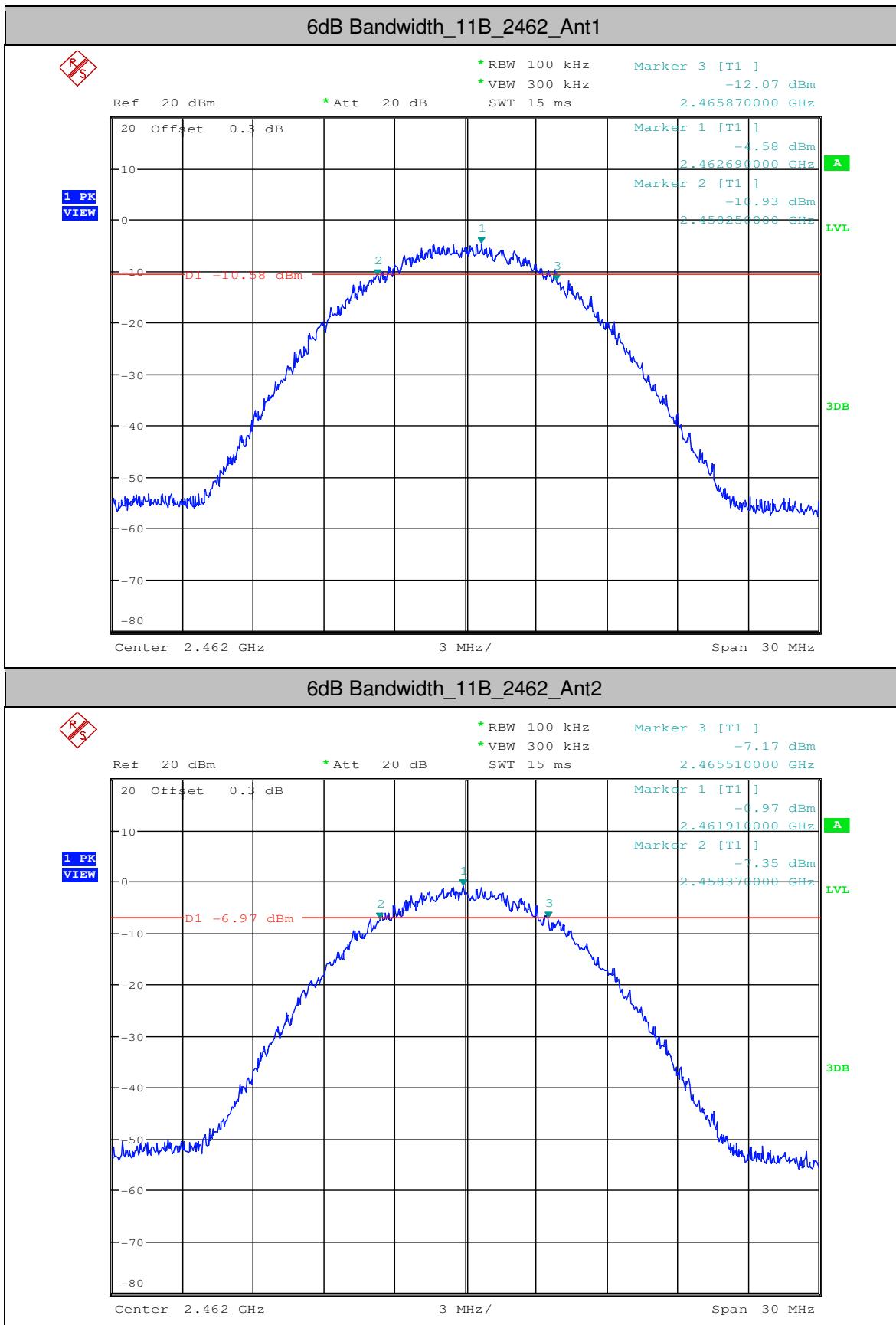
Test Mode	Test	Ant	EBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	7.140	>=0.5	PASS
11B	2412	Ant2	7.350	>=0.5	PASS
11B	2412	Ant3	7.170	>=0.5	PASS
11B	2437	Ant1	7.440	>=0.5	PASS
11B	2437	Ant2	7.170	>=0.5	PASS
11B	2437	Ant3	7.170	>=0.5	PASS
11B	2462	Ant1	7.620	>=0.5	PASS
11B	2462	Ant2	7.140	>=0.5	PASS
11B	2462	Ant3	7.140	>=0.5	PASS
11G	2412	Ant1	16.530	>=0.5	PASS
11G	2412	Ant2	16.530	>=0.5	PASS
11G	2412	Ant3	16.560	>=0.5	PASS
11G	2437	Ant1	16.530	>=0.5	PASS
11G	2437	Ant2	16.530	>=0.5	PASS
11G	2437	Ant3	16.560	>=0.5	PASS
11G	2462	Ant1	16.545	>=0.5	PASS
11G	2462	Ant2	16.500	>=0.5	PASS
11G	2462	Ant3	16.530	>=0.5	PASS
11N20SISO	2412	Ant1	17.790	>=0.5	PASS
11N20SISO	2412	Ant2	17.790	>=0.5	PASS
11N20SISO	2412	Ant3	17.760	>=0.5	PASS
11N20SISO	2437	Ant1	17.790	>=0.5	PASS
11N20SISO	2437	Ant2	17.820	>=0.5	PASS
11N20SISO	2437	Ant3	17.820	>=0.5	PASS
11N20SISO	2462	Ant1	17.760	>=0.5	PASS
11N20SISO	2462	Ant2	17.790	>=0.5	PASS
11N20SISO	2462	Ant3	17.790	>=0.5	PASS
11N40SISO	2422	Ant1	36.731	>=0.5	PASS
11N40SISO	2422	Ant2	36.600	>=0.5	PASS

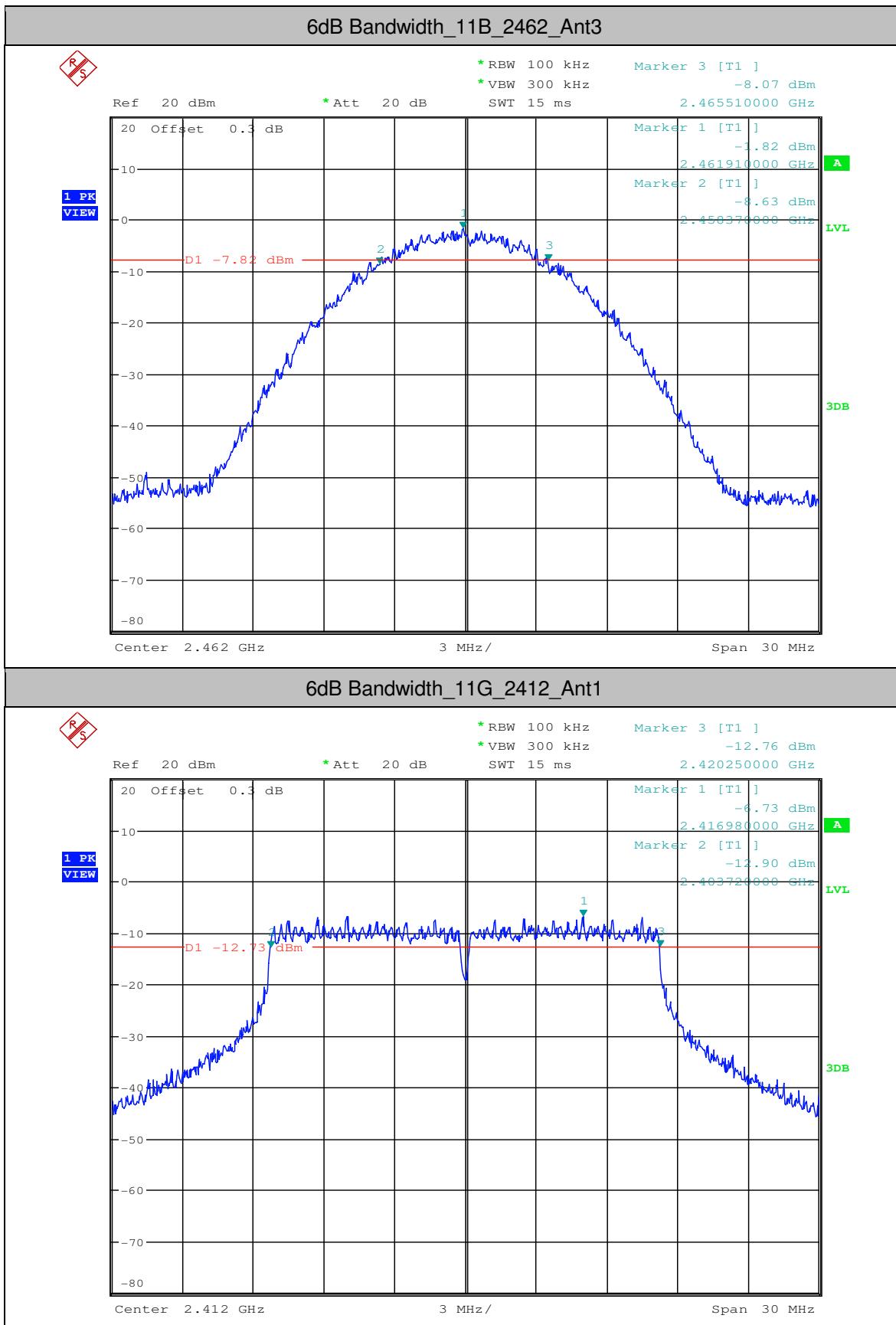
11N40SISO	2422	Ant3	36.600	>=0.5	PASS
11N40SISO	2437	Ant1	36.600	>=0.5	PASS
11N40SISO	2437	Ant2	36.600	>=0.5	PASS
11N40SISO	2437	Ant3	36.540	>=0.5	PASS
11N40SISO	2452	Ant1	36.600	>=0.5	PASS
11N40SISO	2452	Ant2	36.600	>=0.5	PASS
11N40SISO	2452	Ant3	36.540	>=0.5	PASS

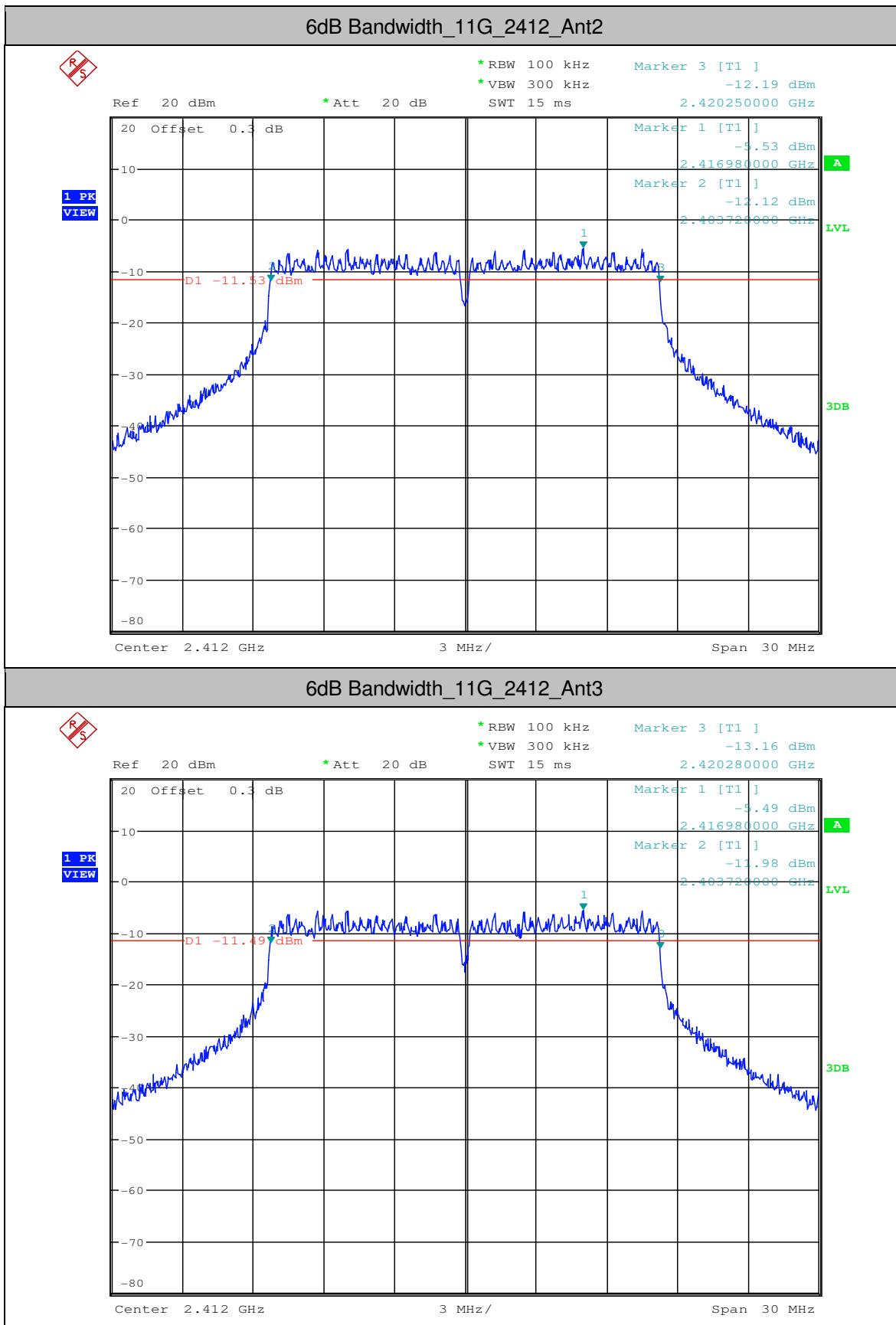


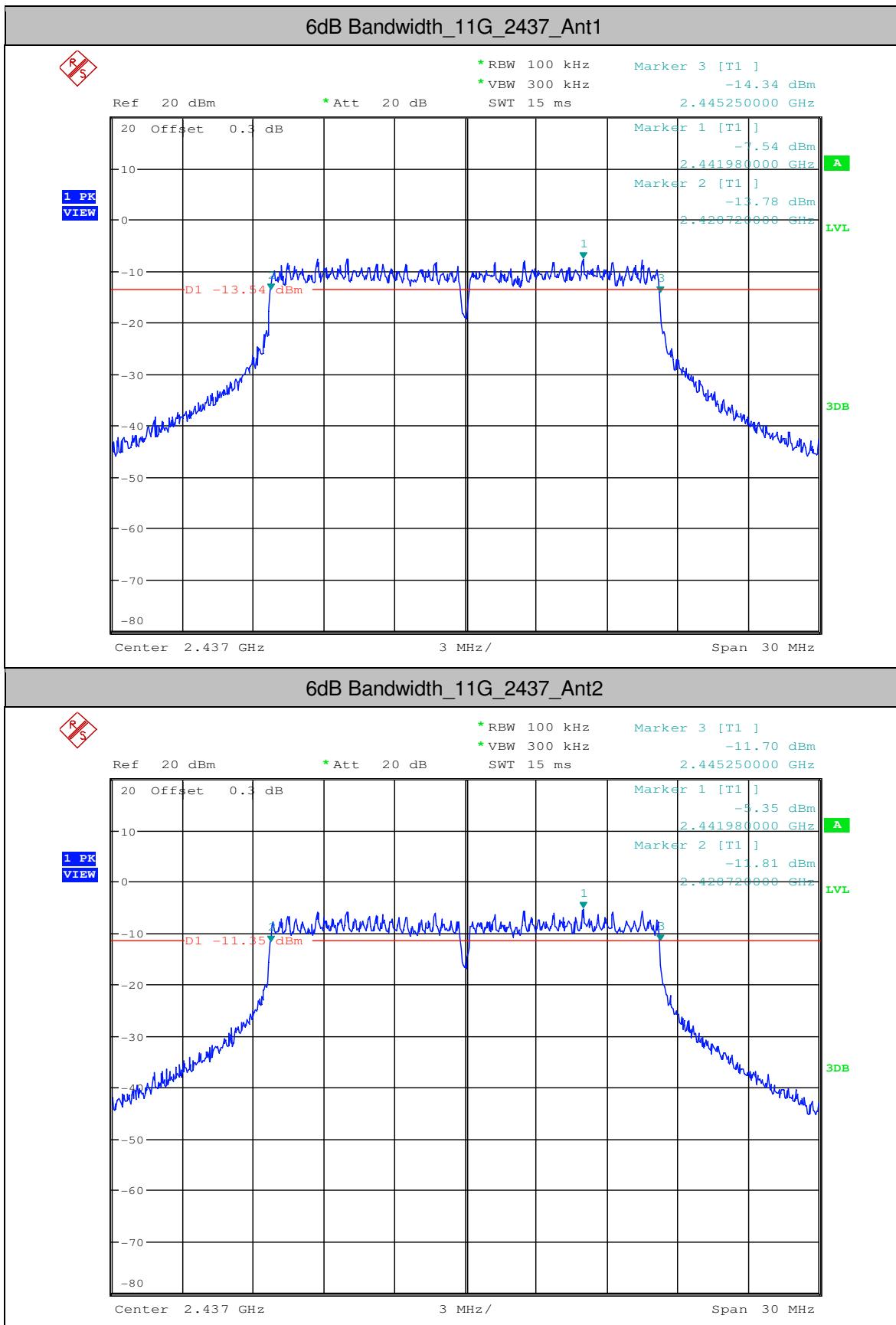


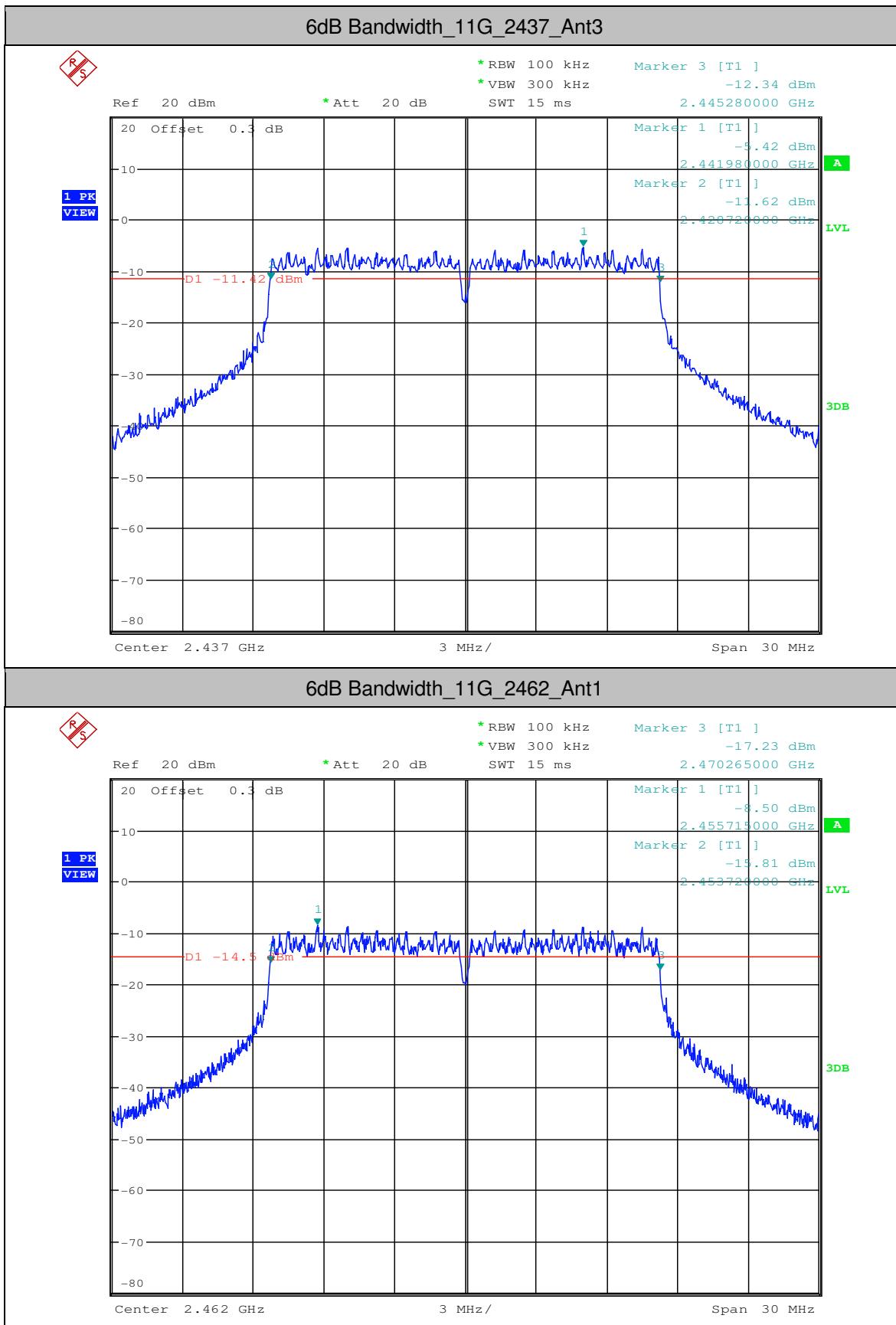


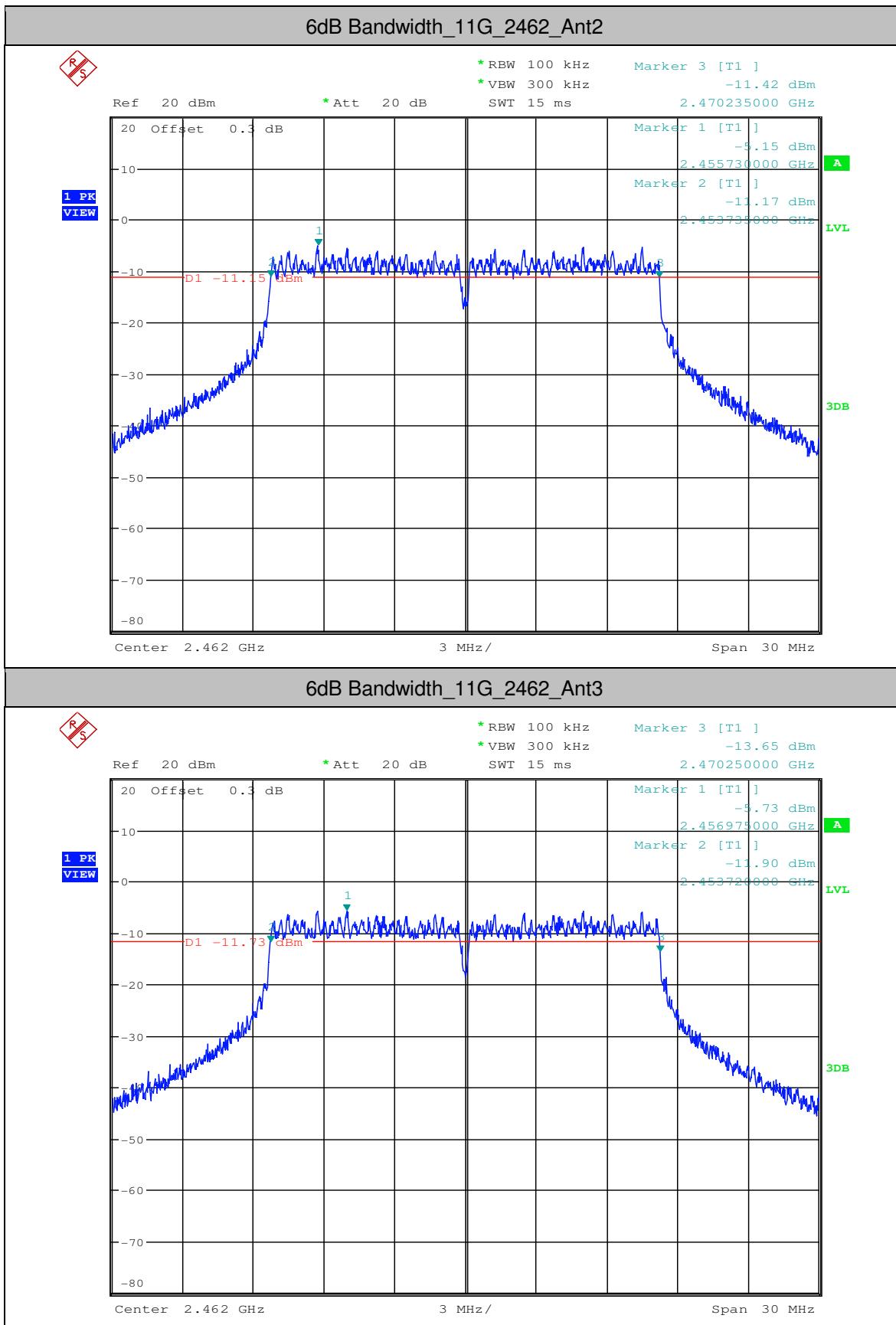


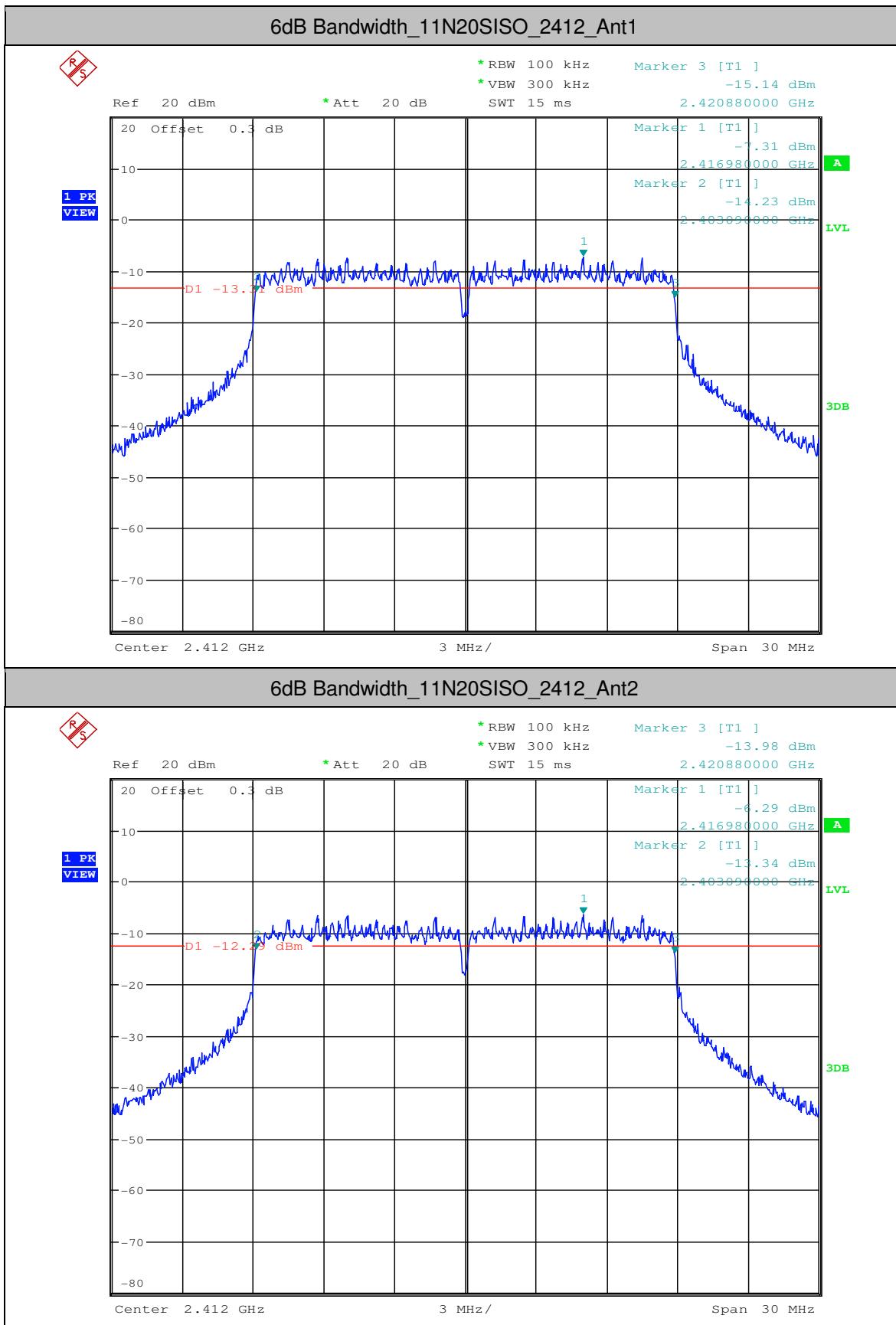


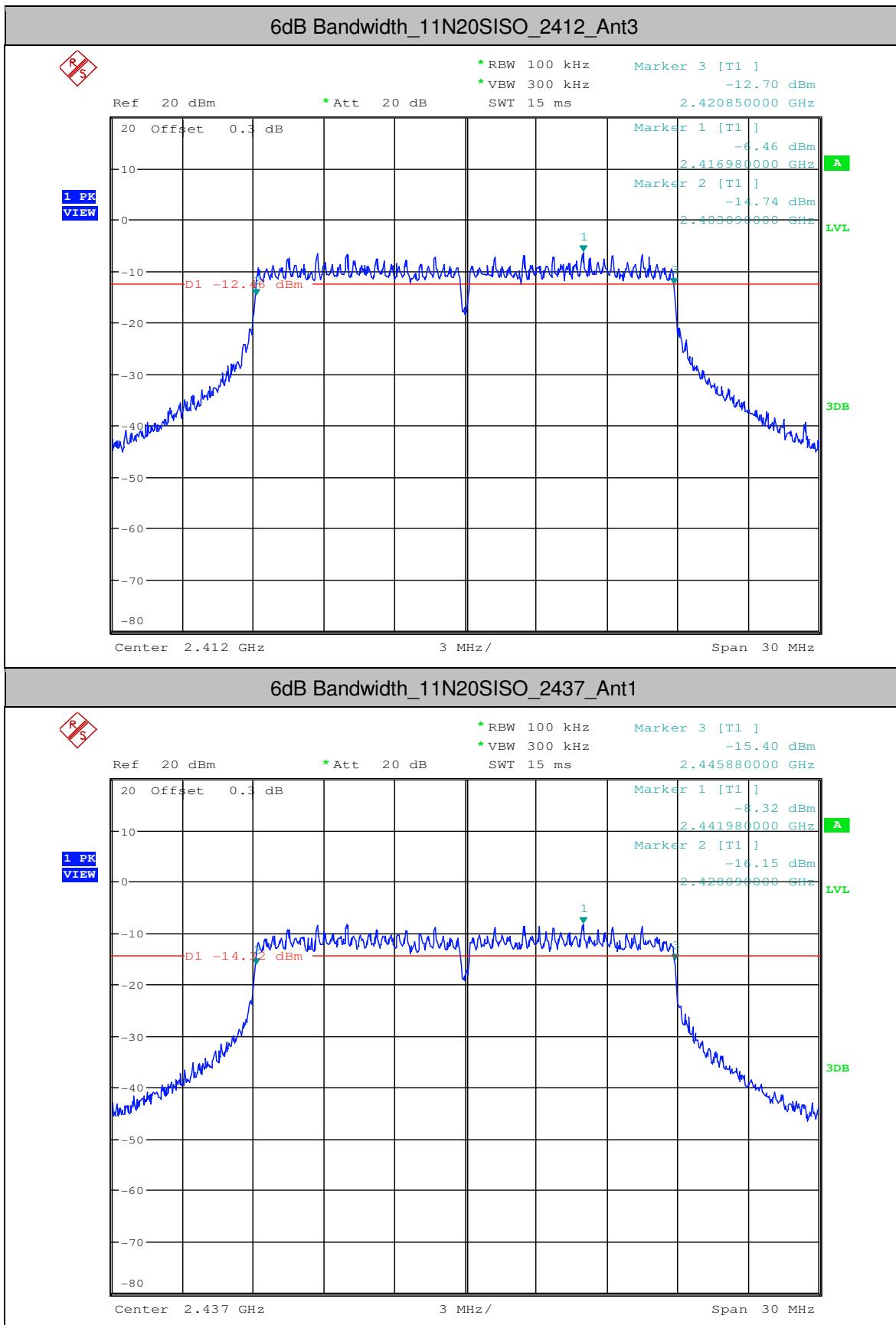


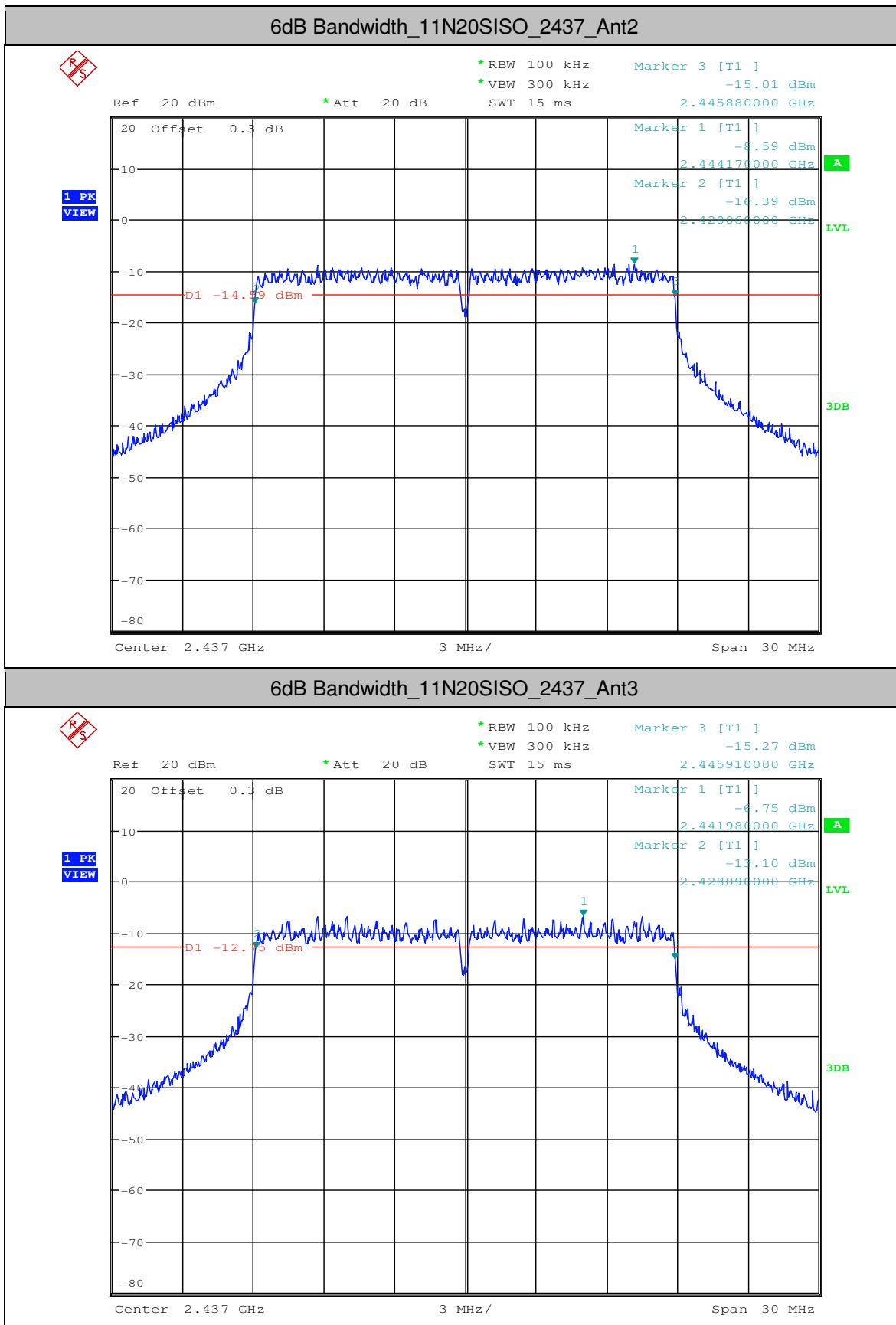


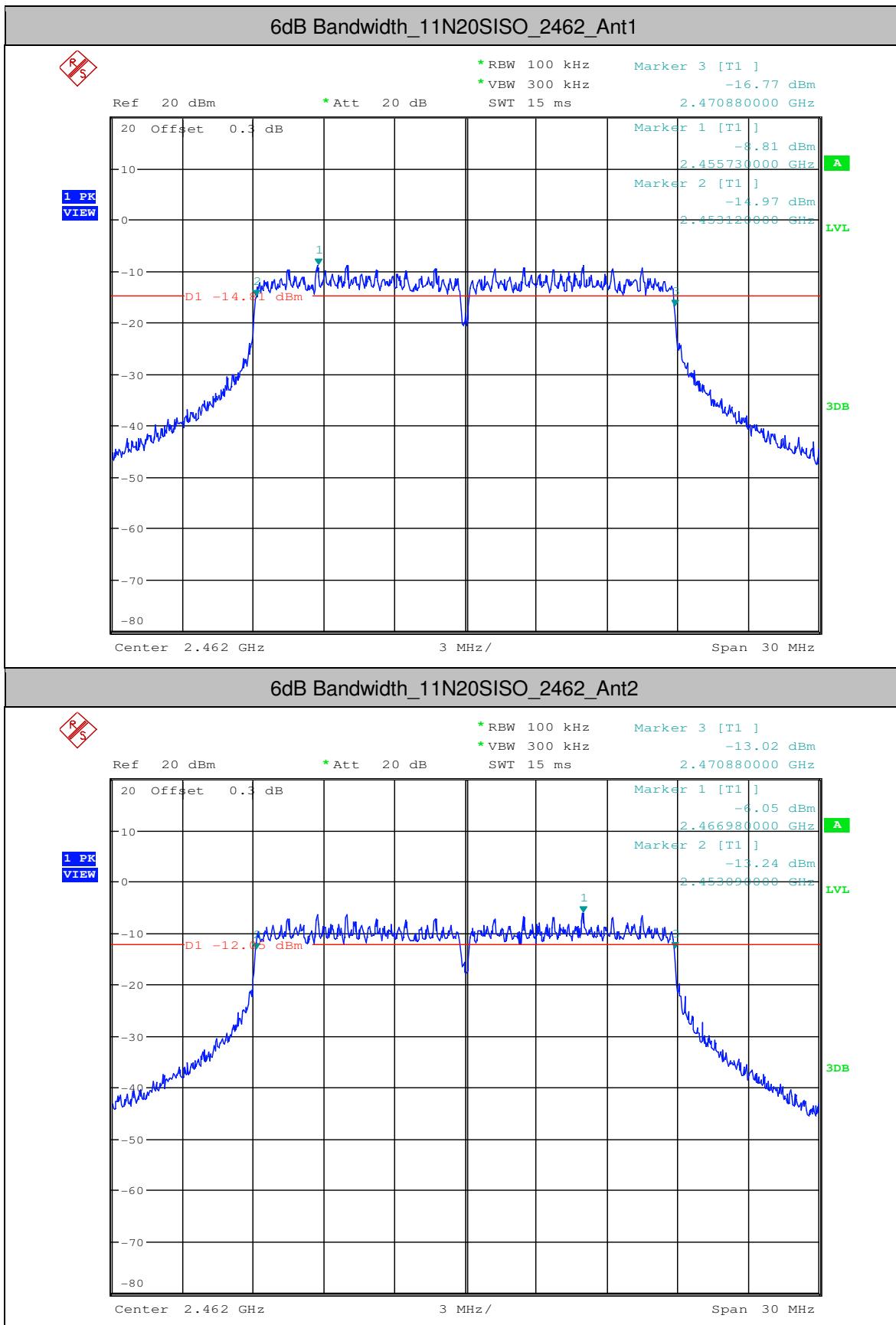


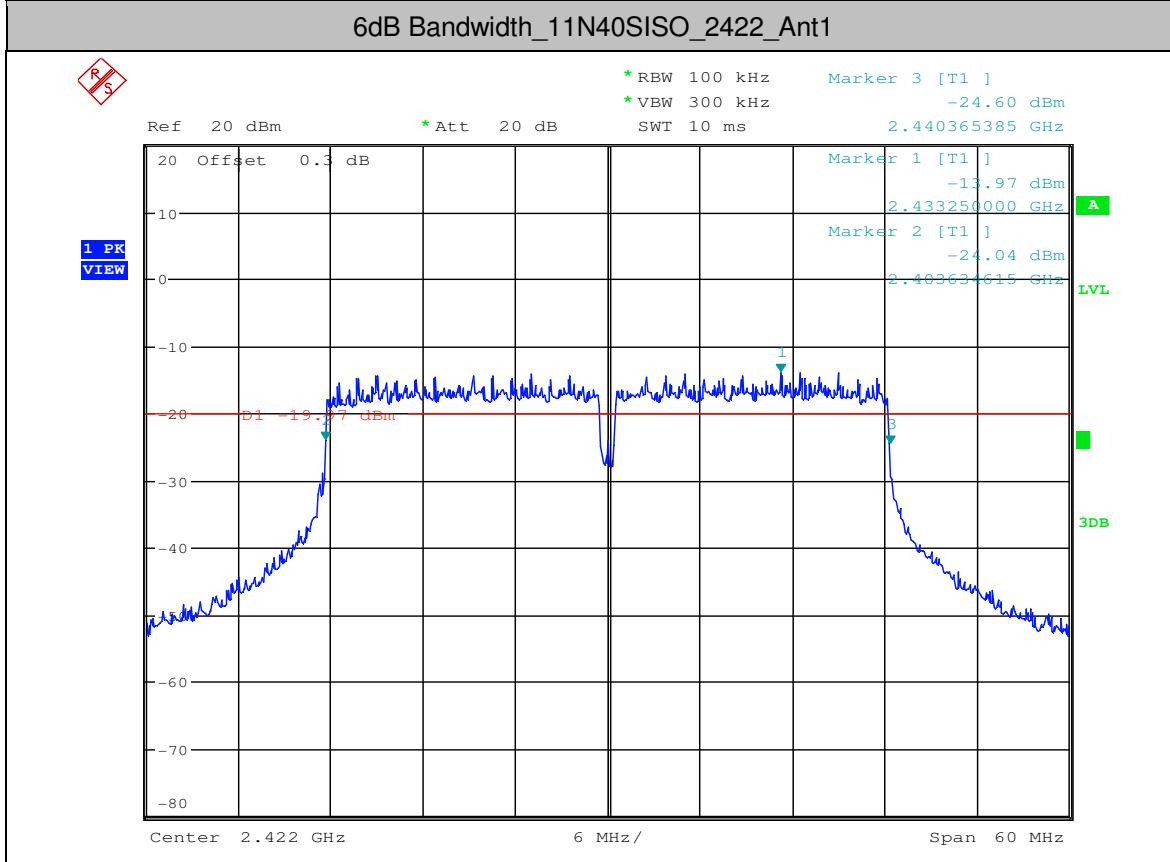
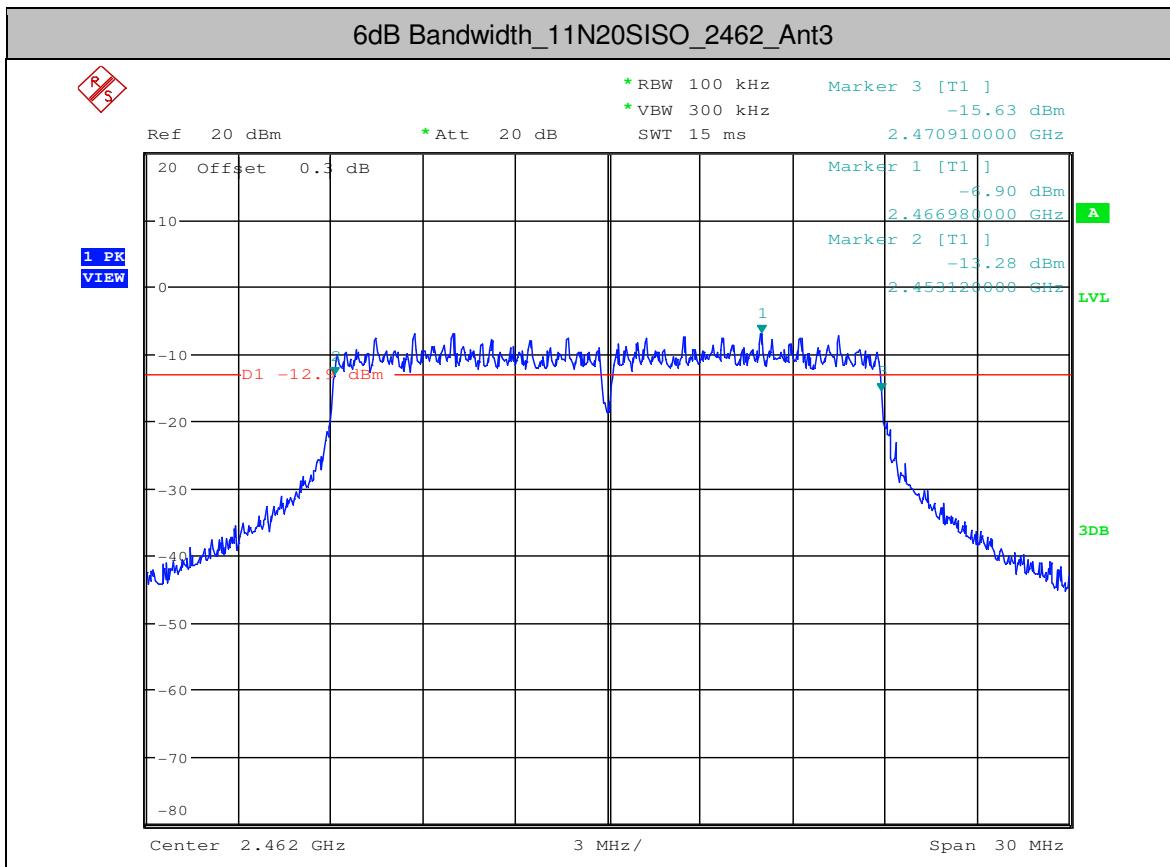


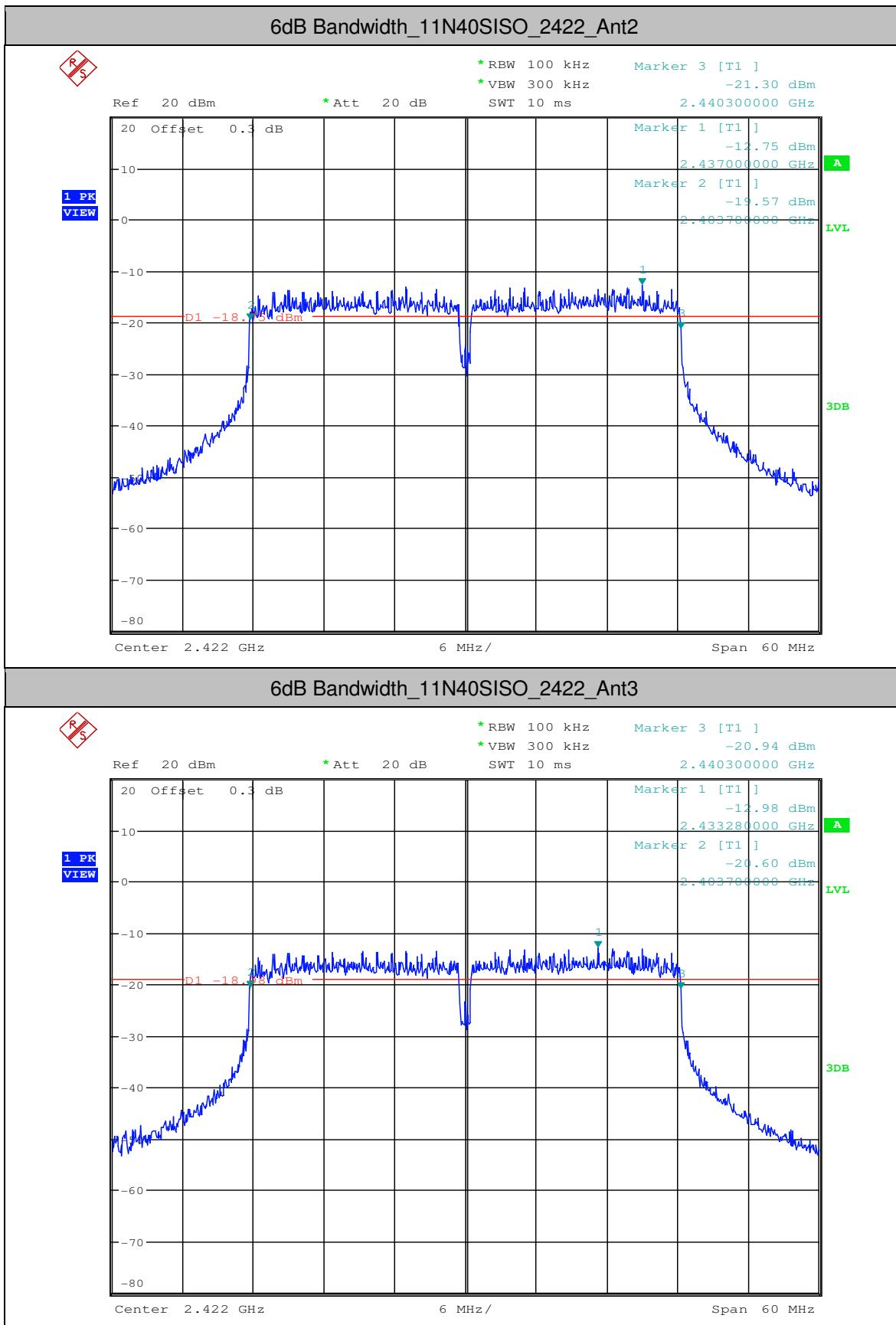


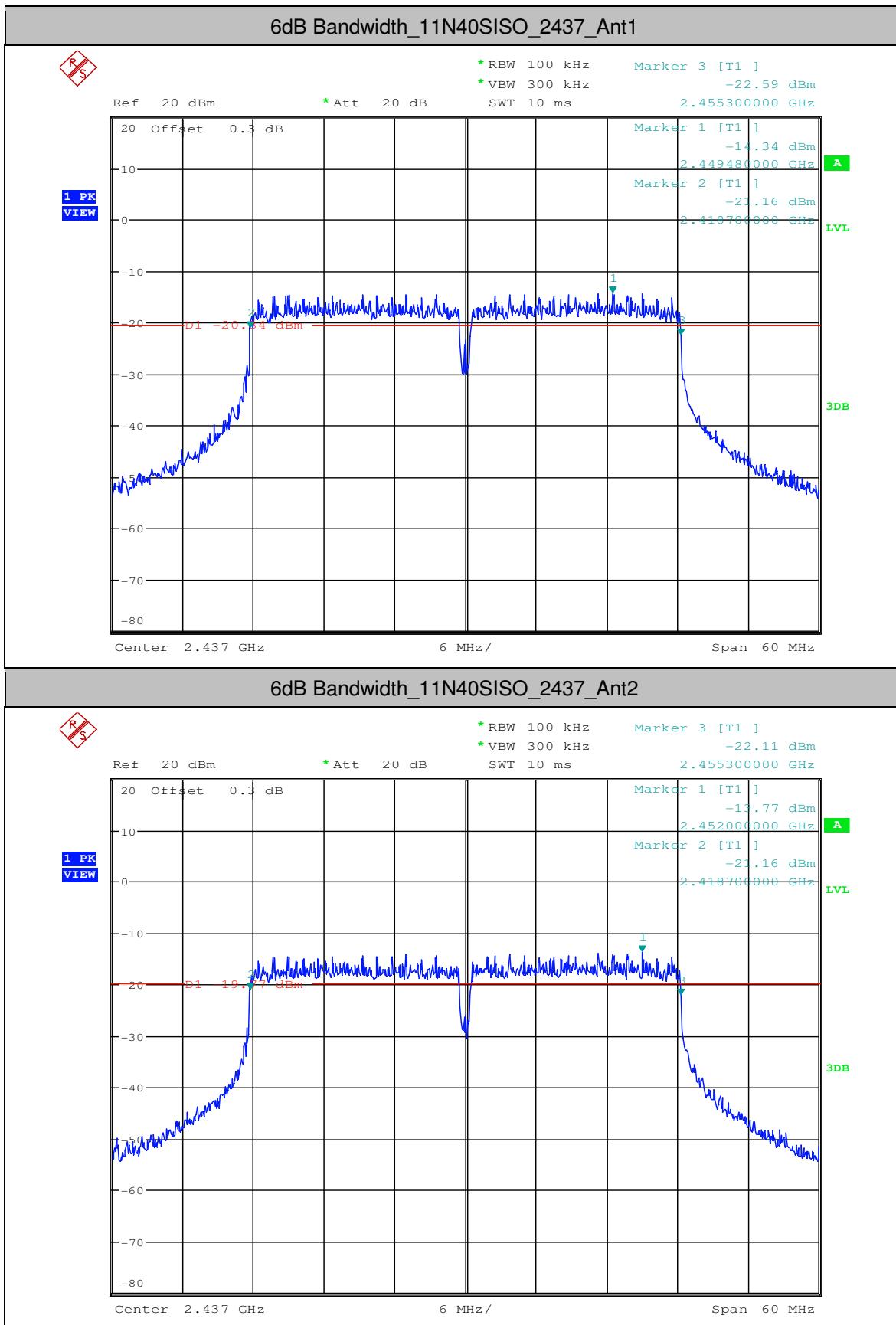


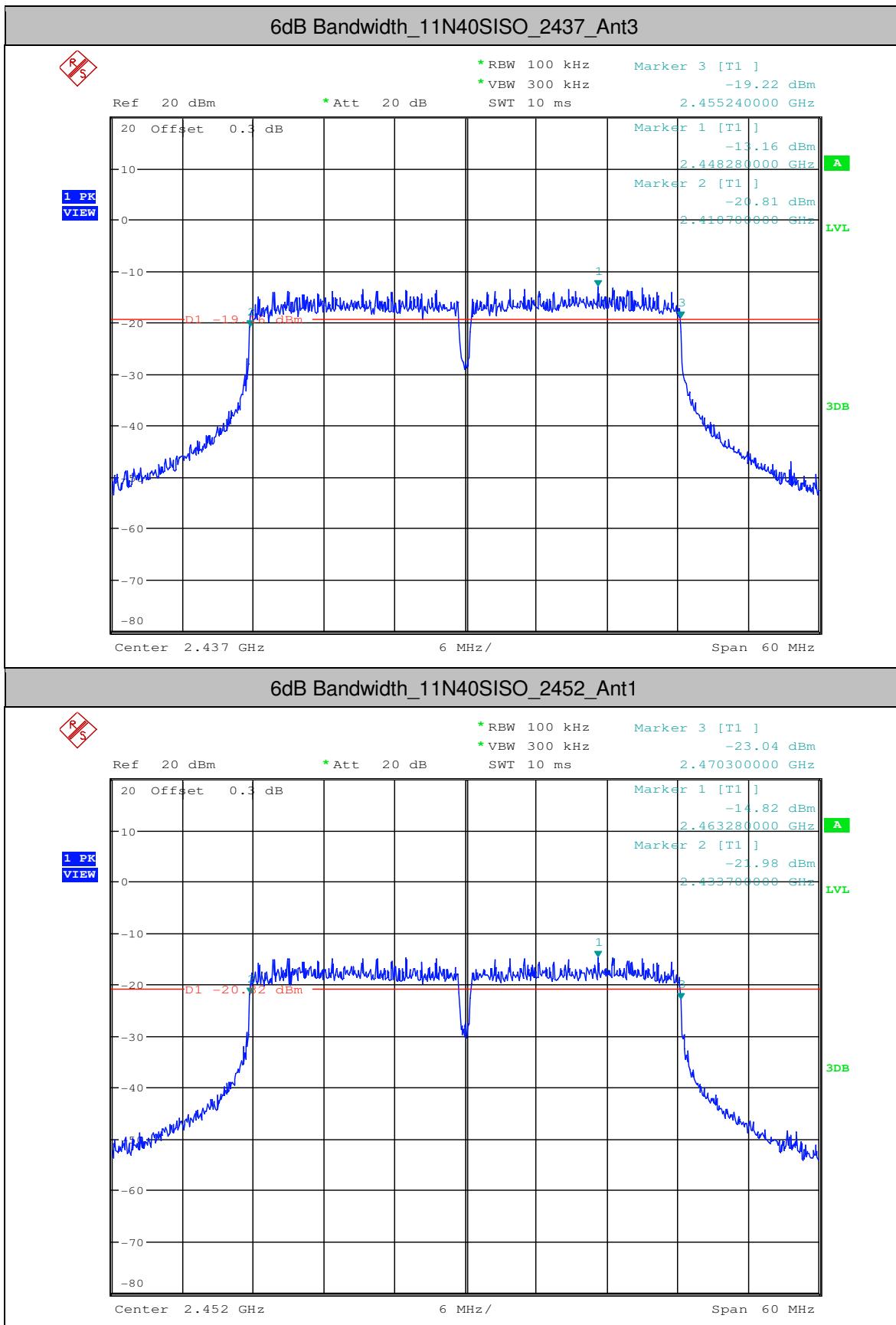


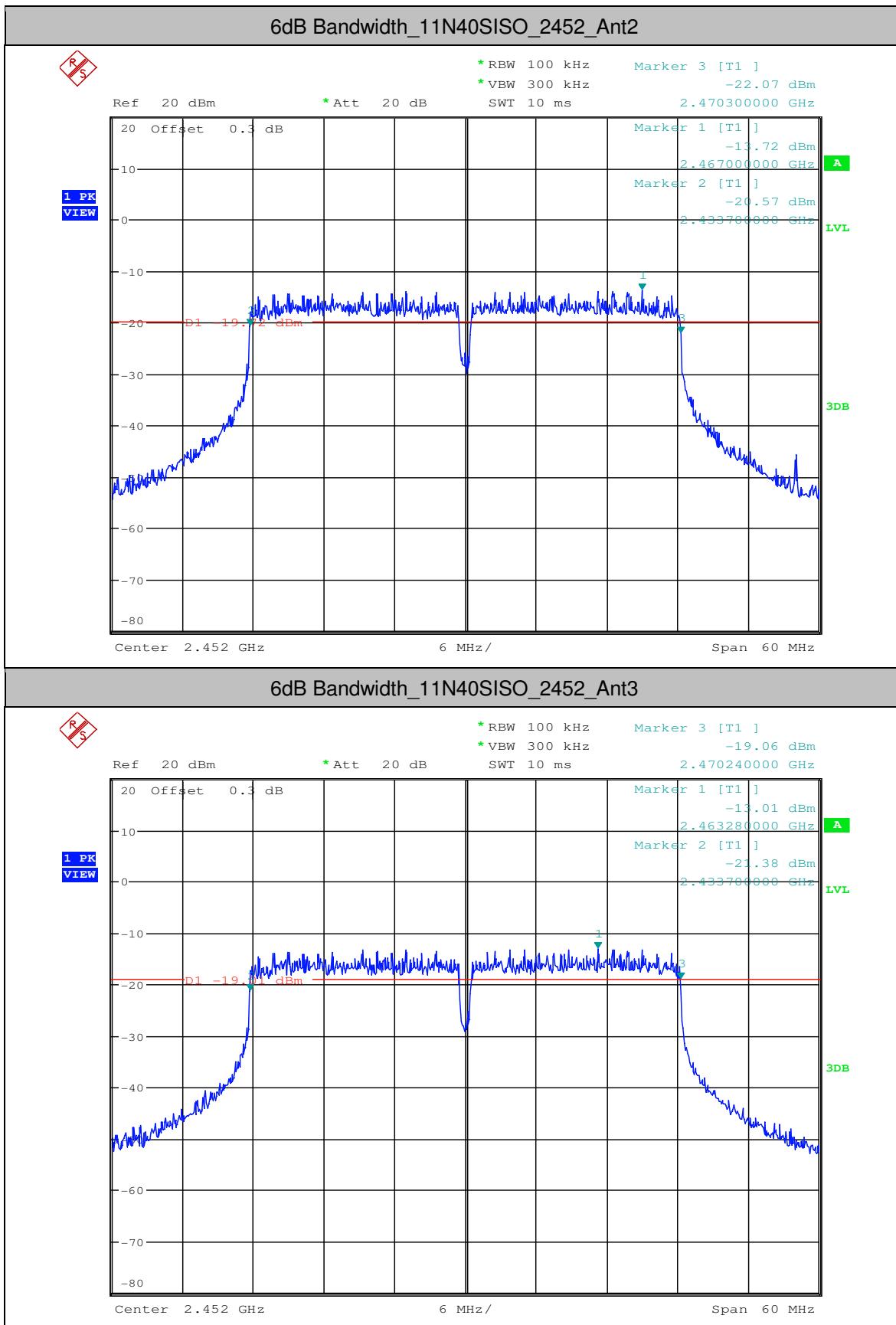












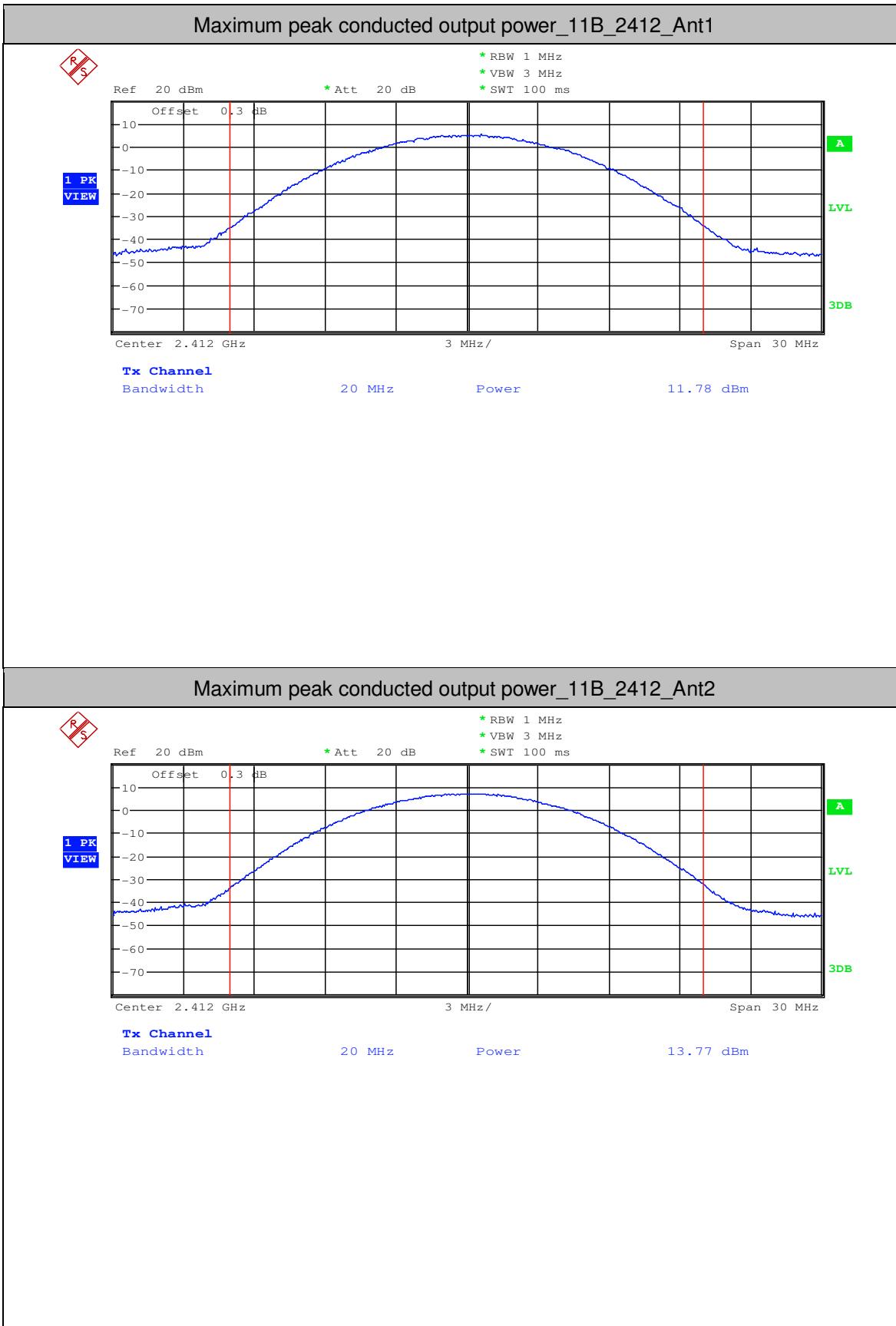
3. Maximum peak conducted output power

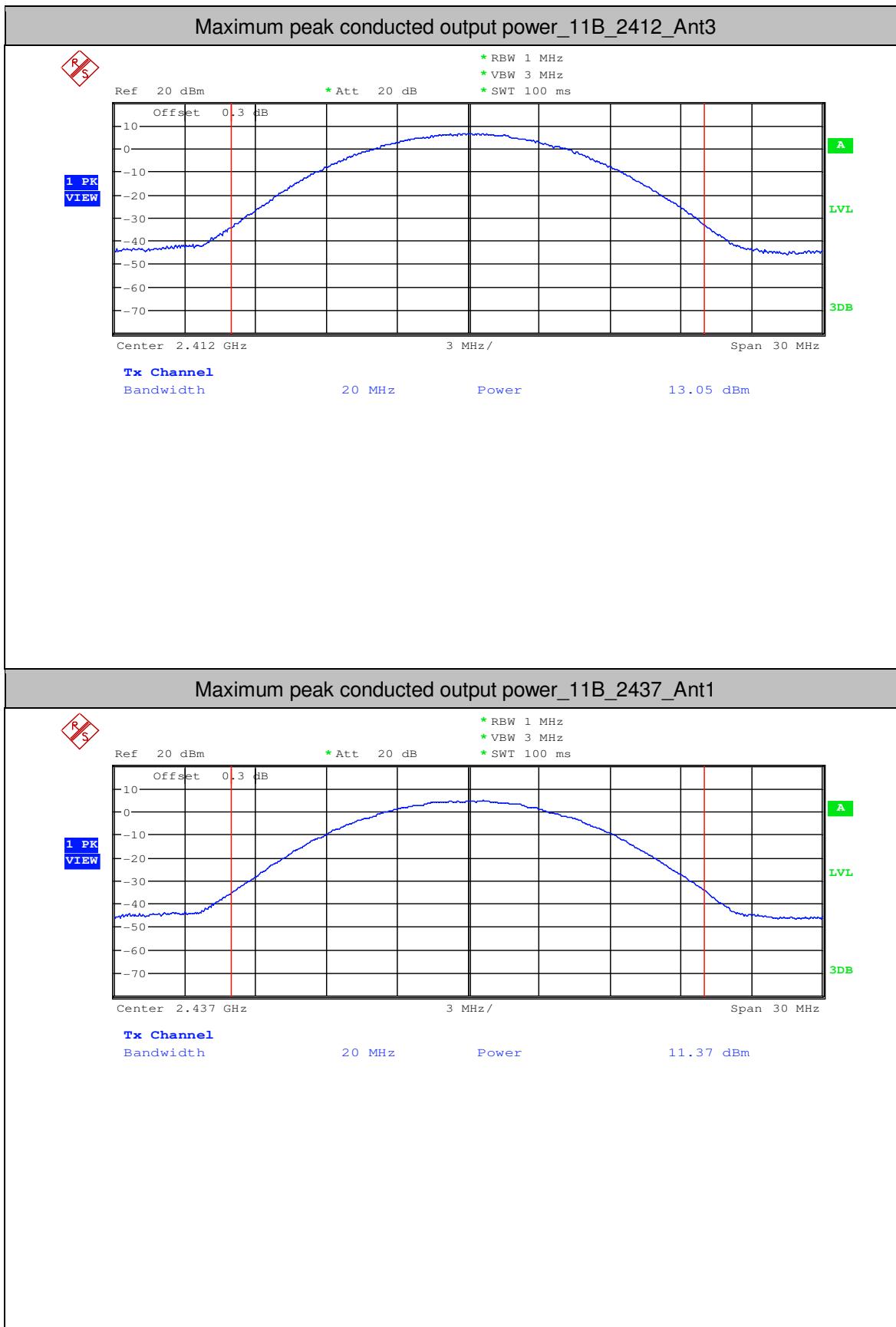
802.11b mode					
Test channel	Peak Output Power (dBm)			Limit (dBm)	Result
	Ant. 1	Ant. 2	Ant. 3		
Lowest	11.78	13.77	13.05	30.00	Pass
Middle	11.37	13.28	13.00	30.00	Pass
Highest	10.36	13.70	12.69	30.00	Pass

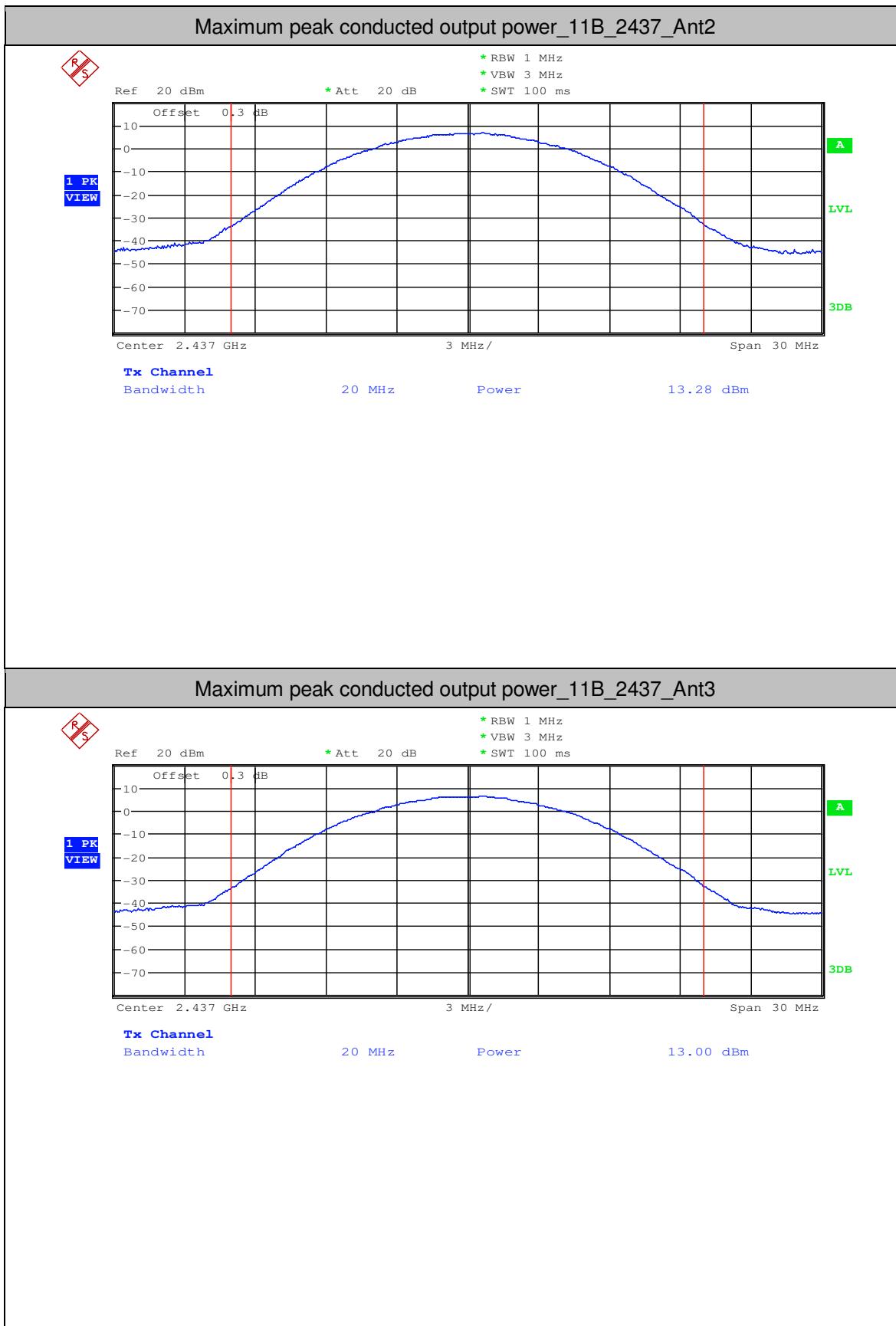
802.11g mode					
Test channel	Peak Output Power (dBm)			Limit (dBm)	Result
	Ant. 1	Ant. 2	Ant. 3		
Lowest	13.98	15.21	15.20	30.00	Pass
Middle	13.09	15.19	15.38	30.00	Pass
Highest	12.02	15.43	15.10	30.00	Pass

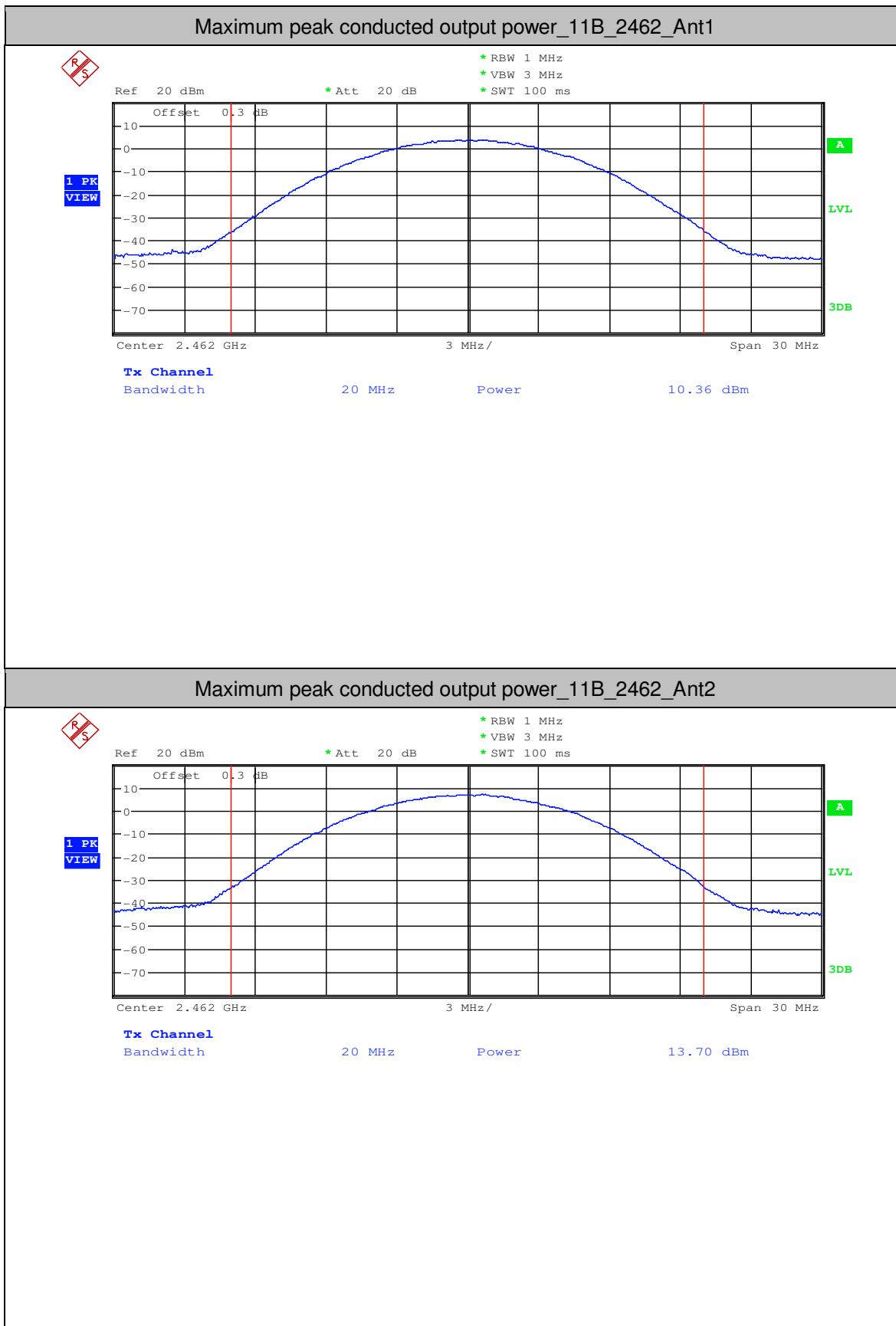
802.11n(HT20) mode							
Test channel	Peak Output Power (dBm)				Limit (dBm)	Result	
	Ant. 1	Ant. 2	Ant. 3	Total			
Lowest	13.34	14.20	14.03	18.64	30.00	Pass	
Middle	12.30	14.11	13.97	18.31	30.00	Pass	
Highest	11.67	14.10	13.71	18.05	30.00	Pass	

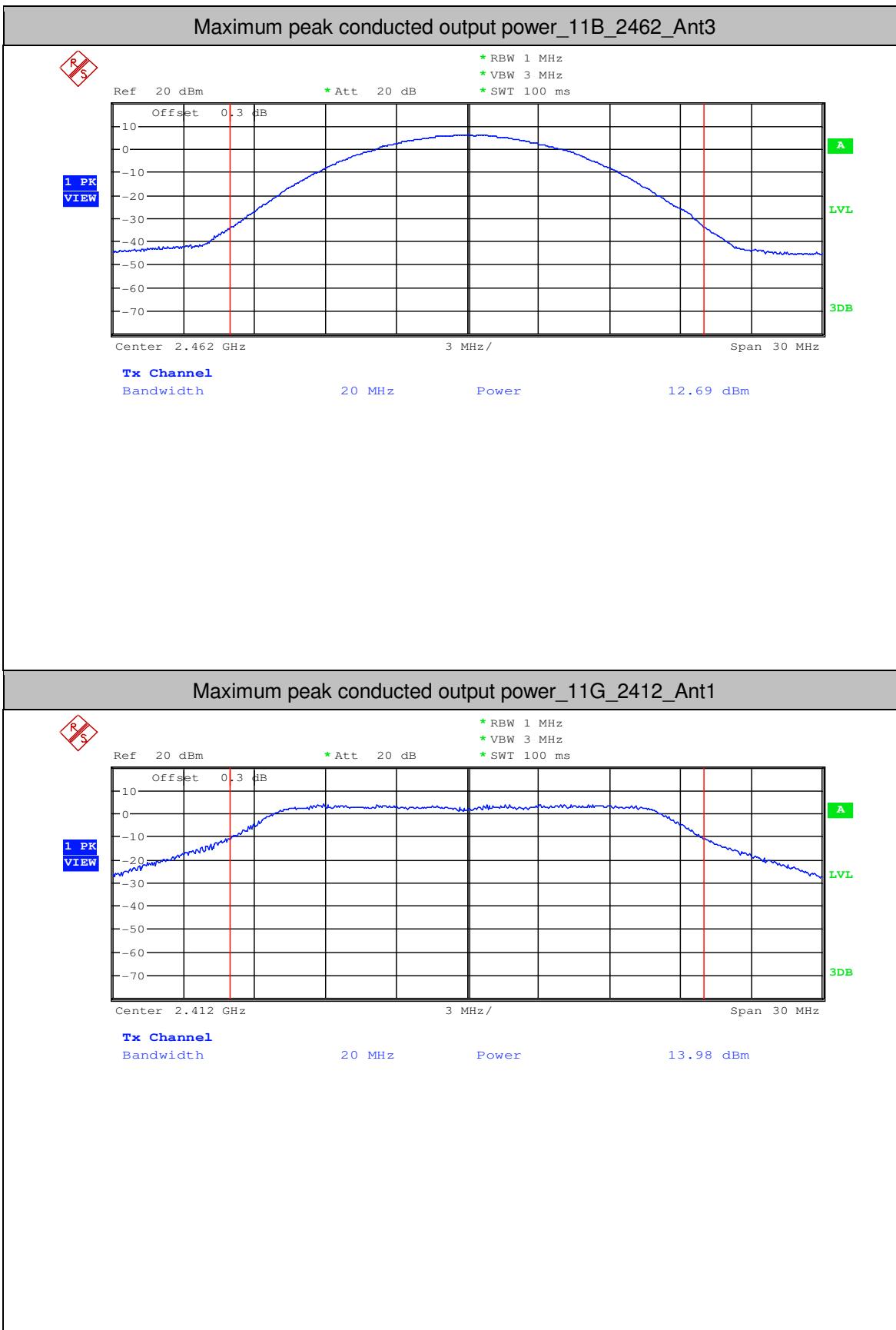
802.11n(HT40) mode							
Test channel	Peak Output Power (dBm)				Limit (dBm)	Result	
	Ant. 1	Ant. 2	Ant. 3	Total			
Lowest	9.77	10.52	10.59	15.08	30.00	Pass	
Middle	9.45	9.82	10.41	14.68	30.00	Pass	
Highest	9.04	9.92	10.61	14.67	30.00	Pass	

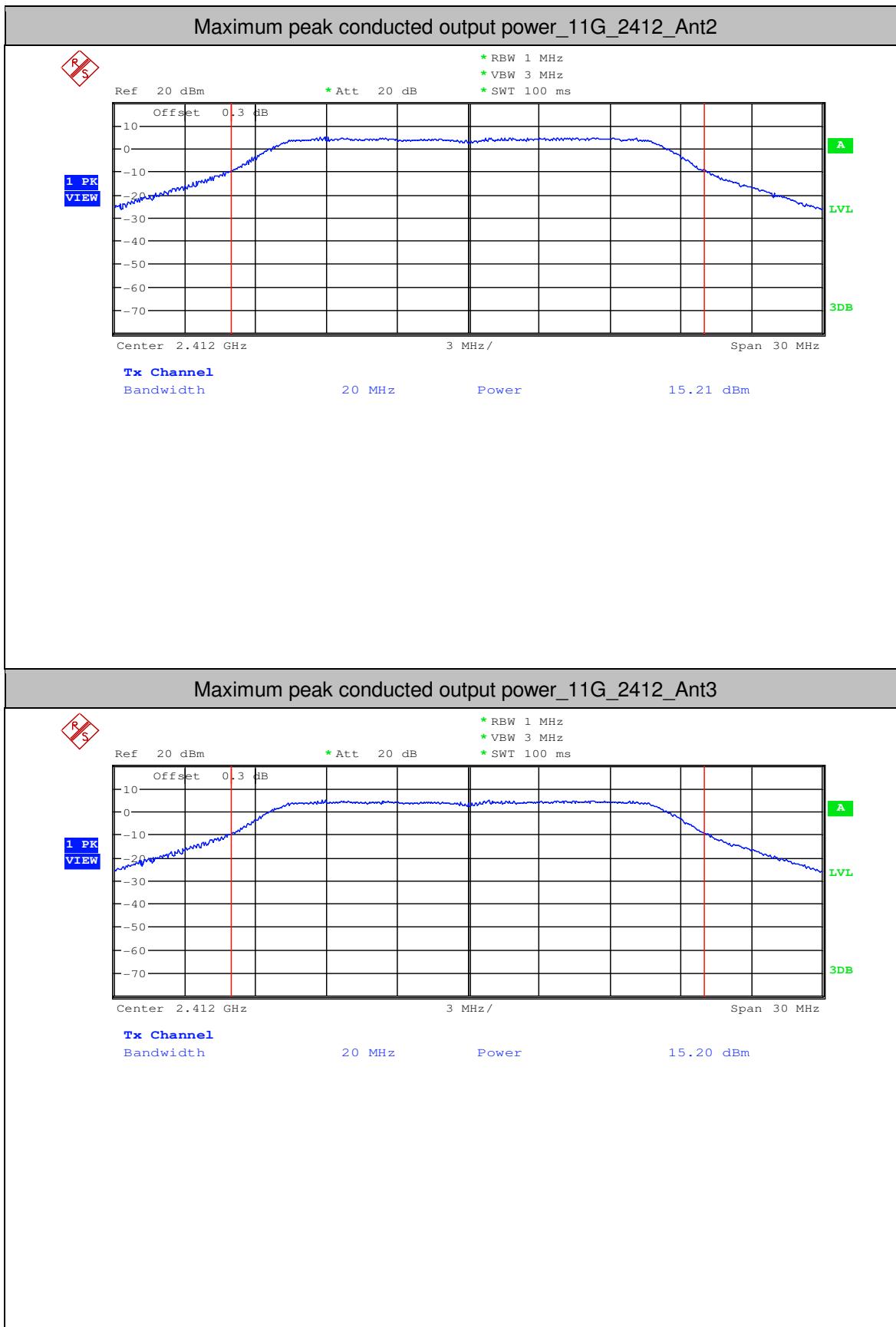


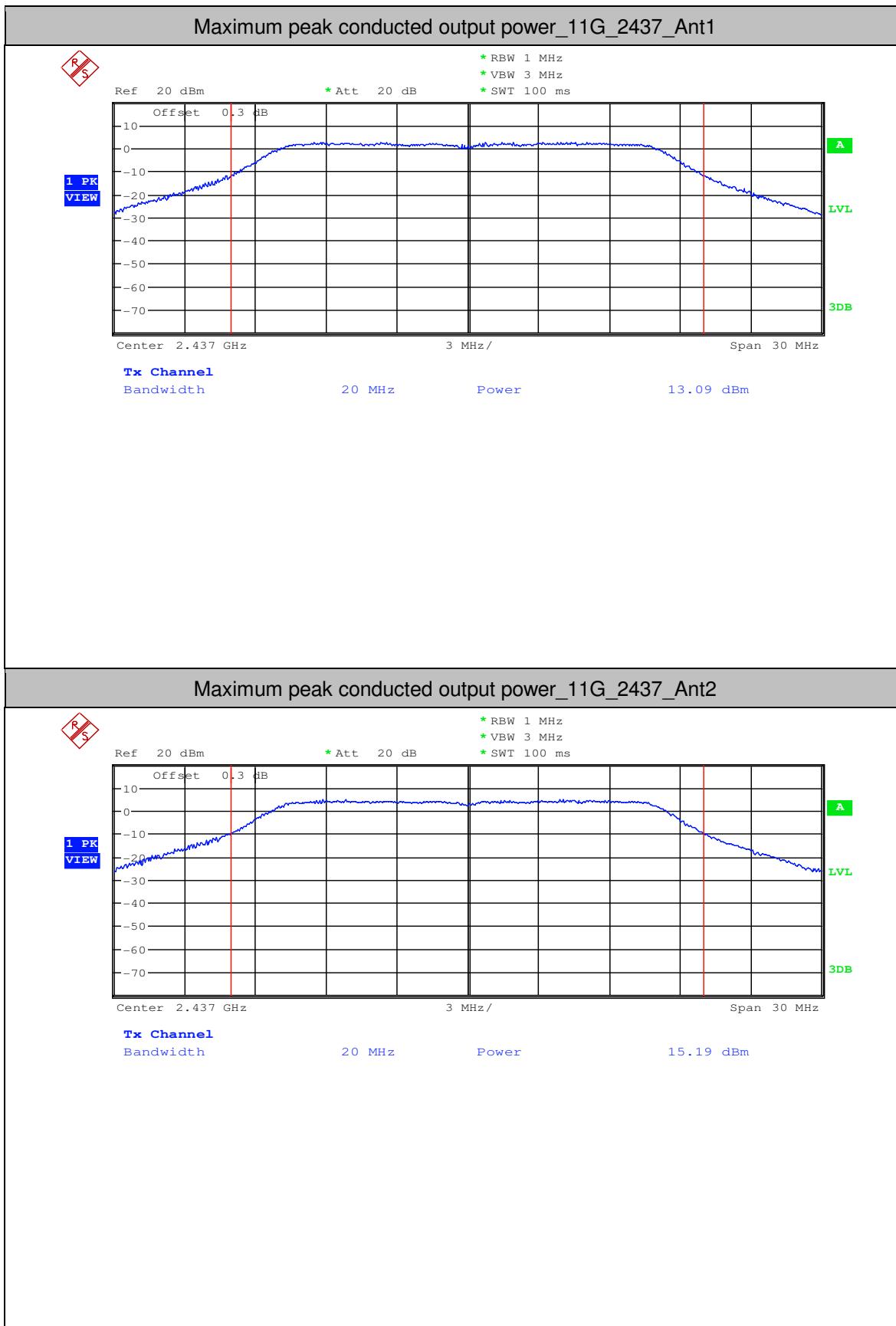


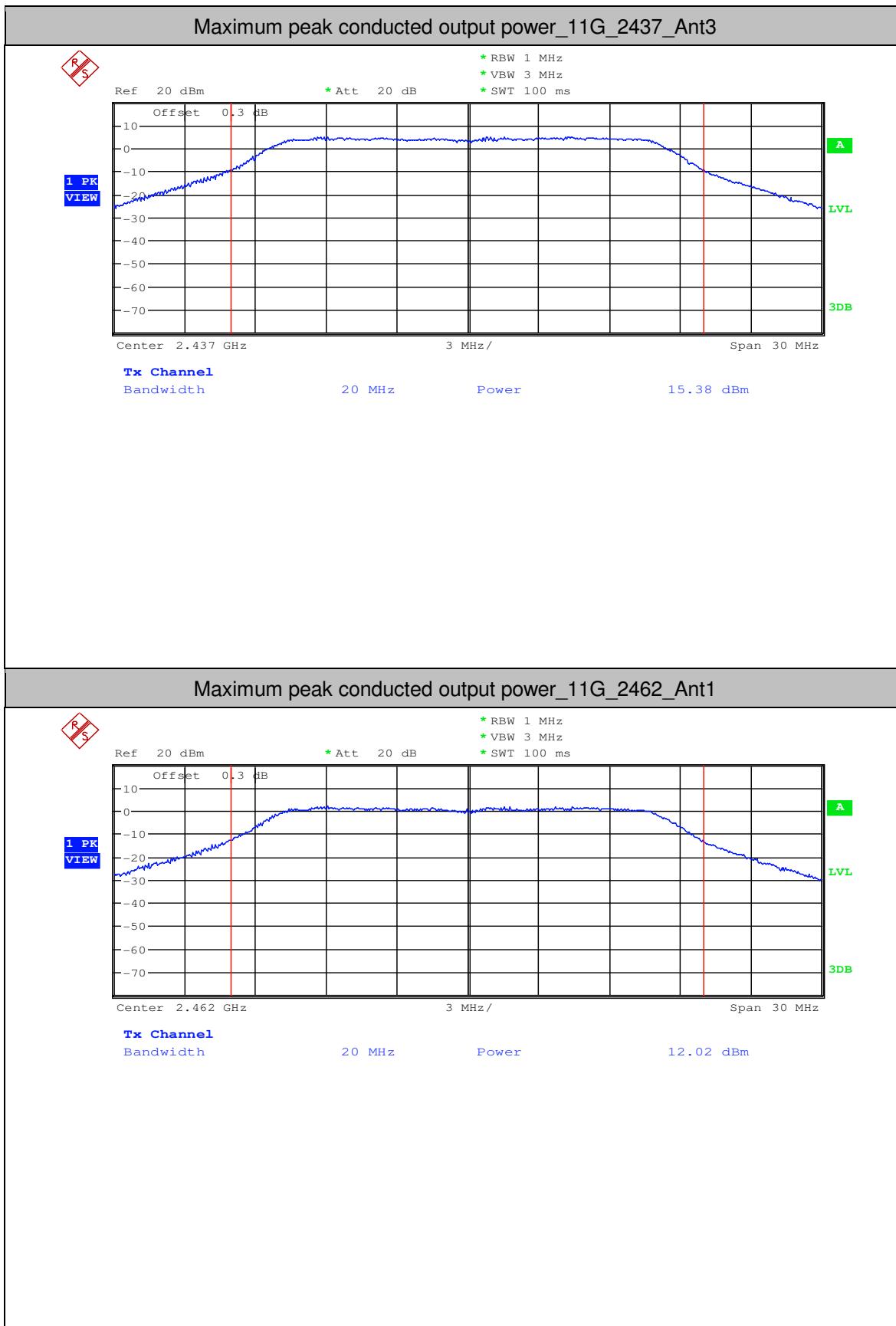


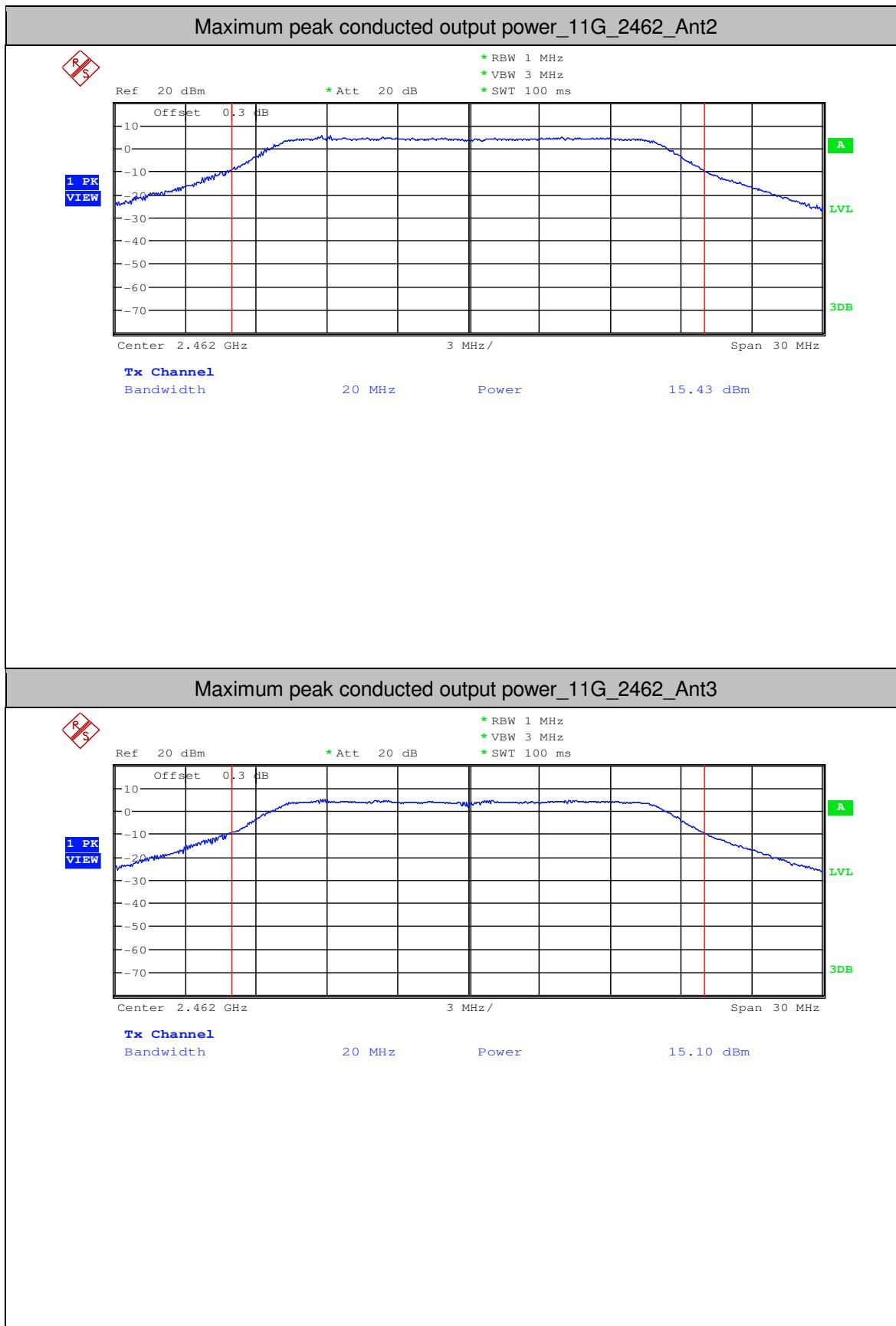


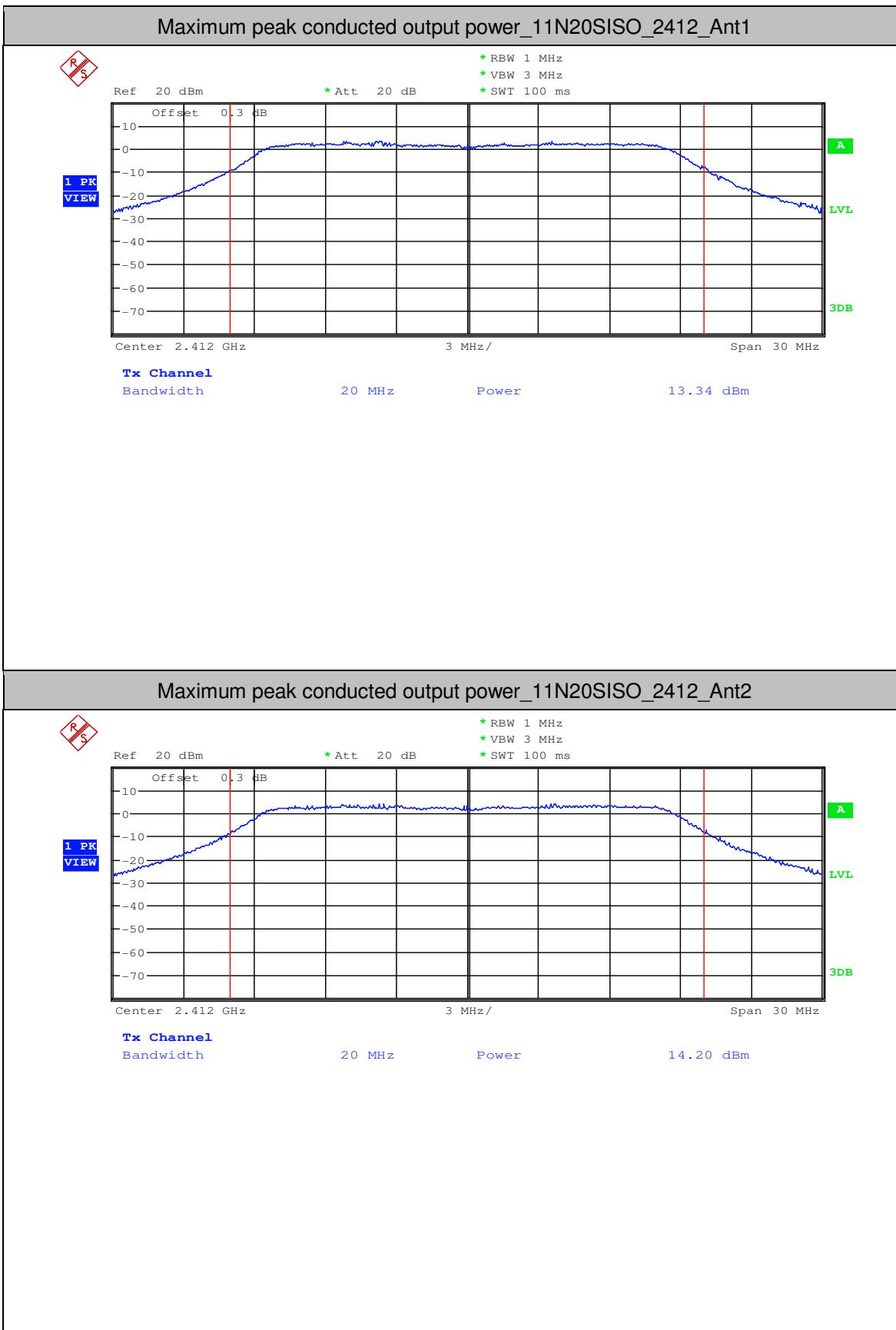


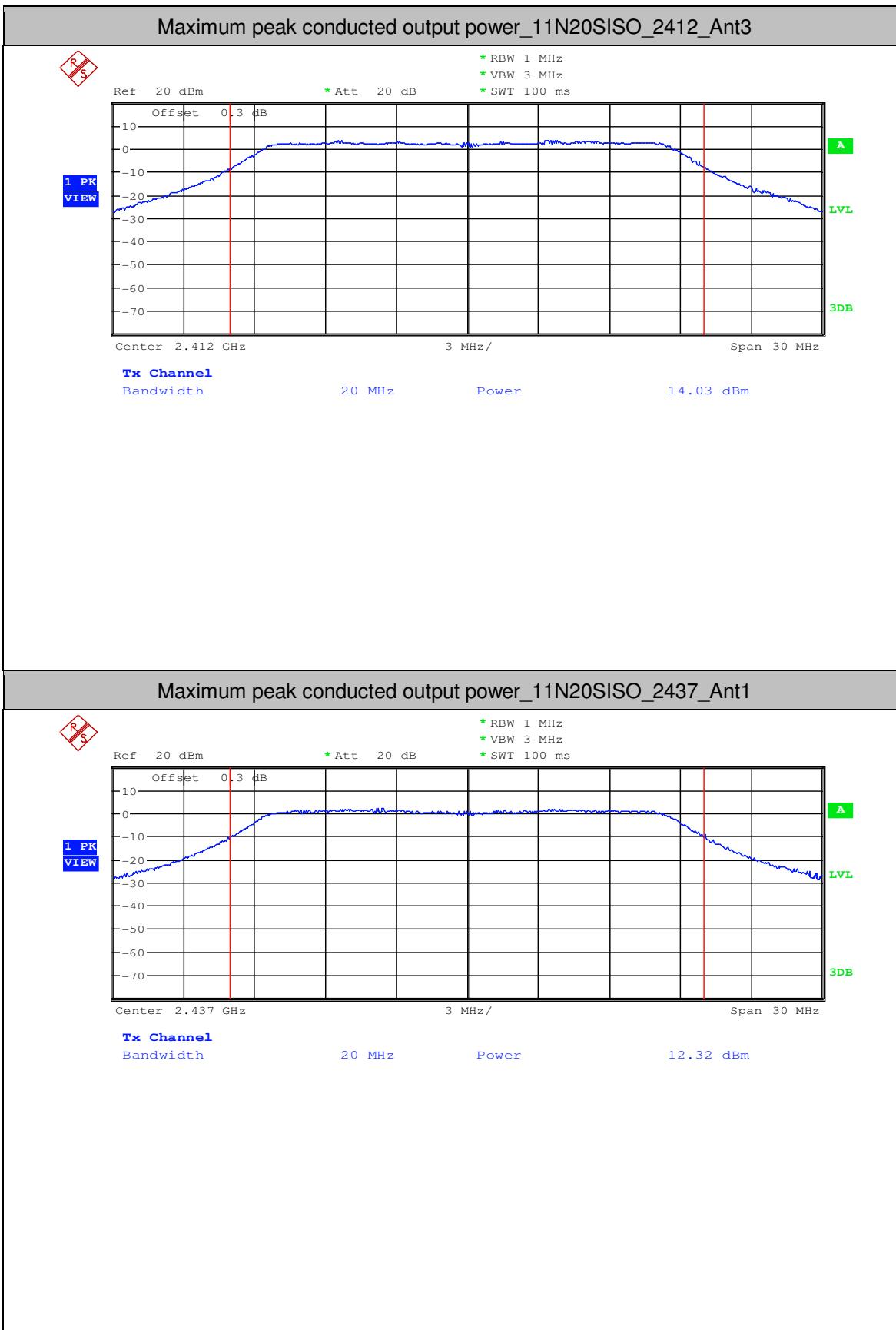


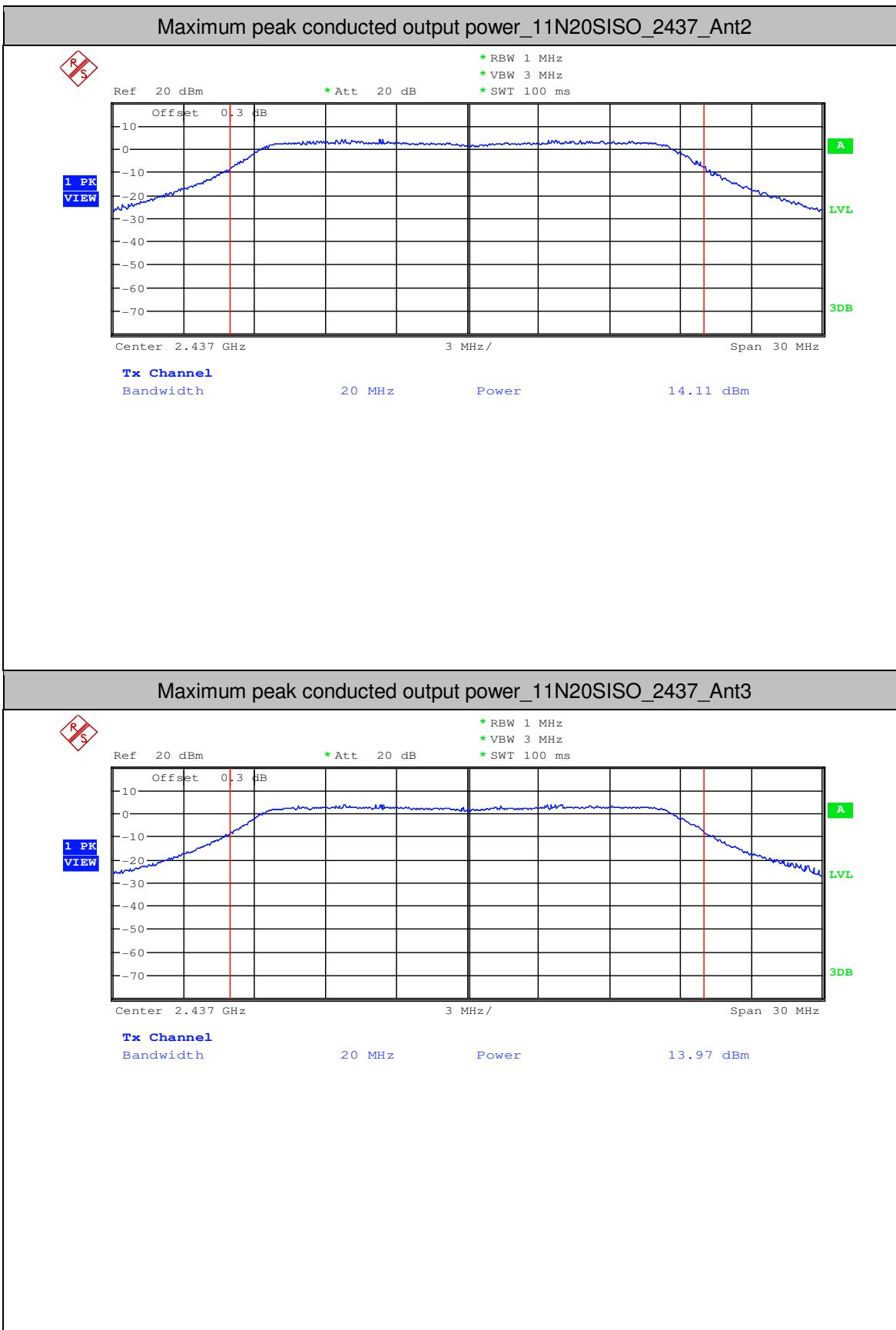


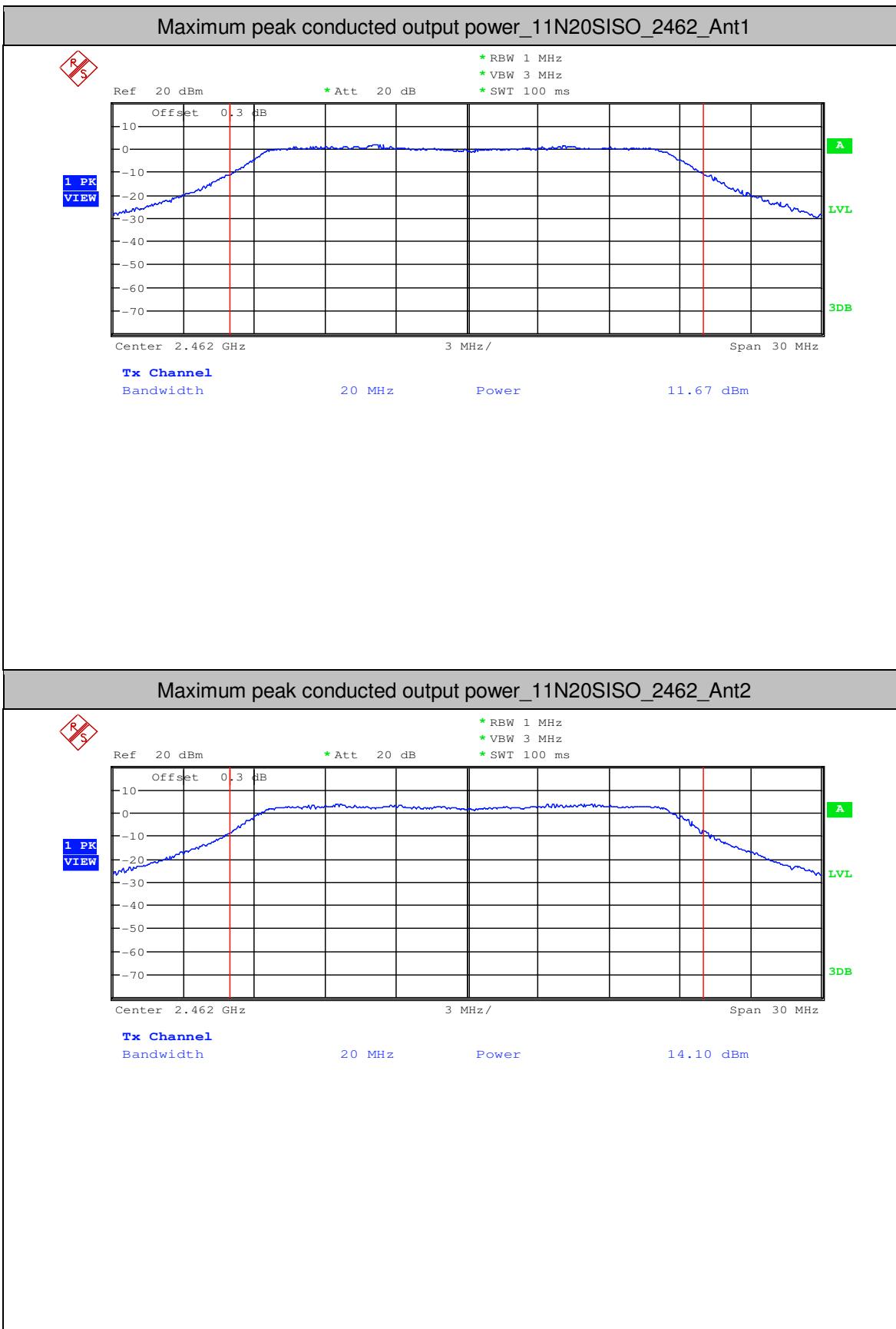


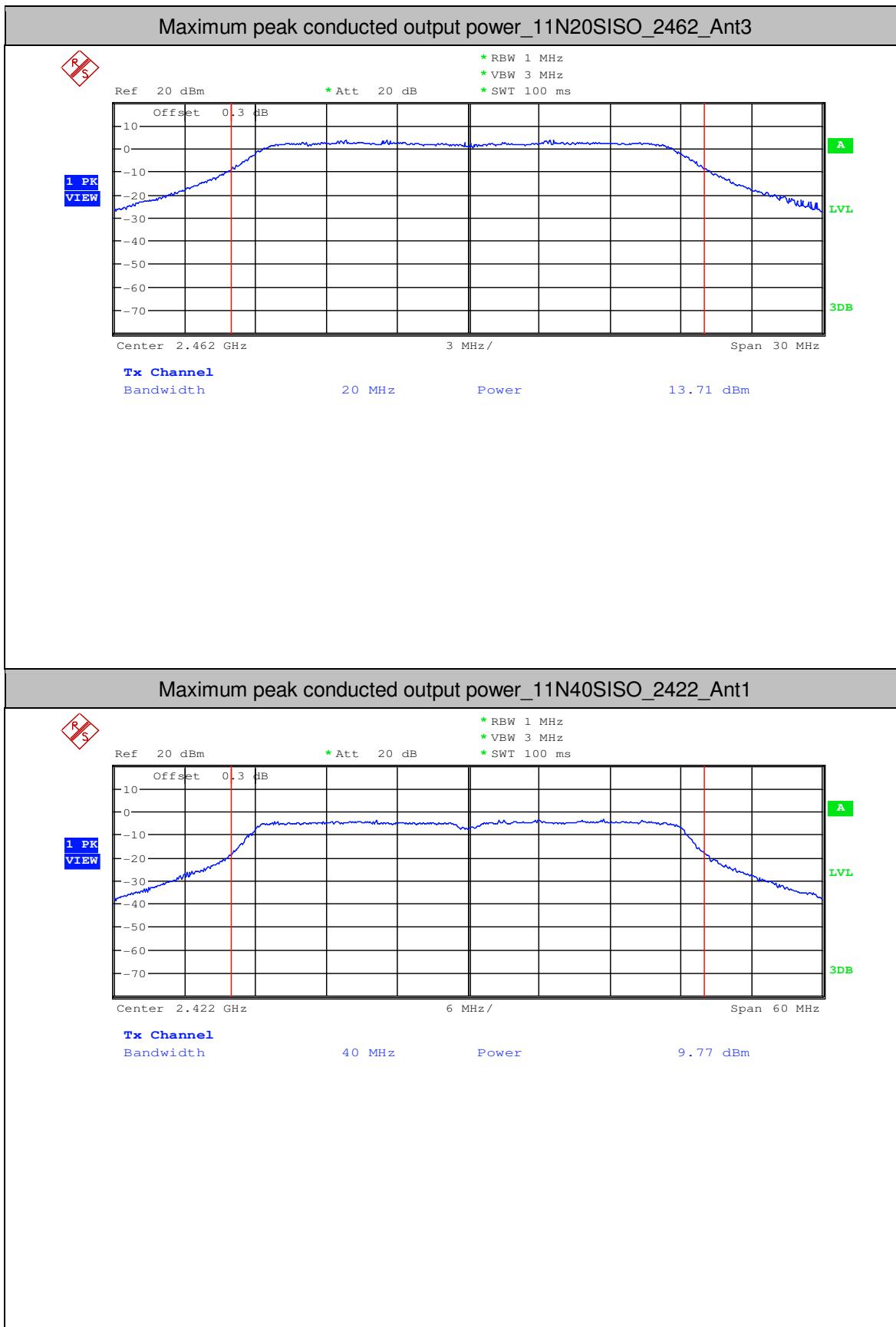


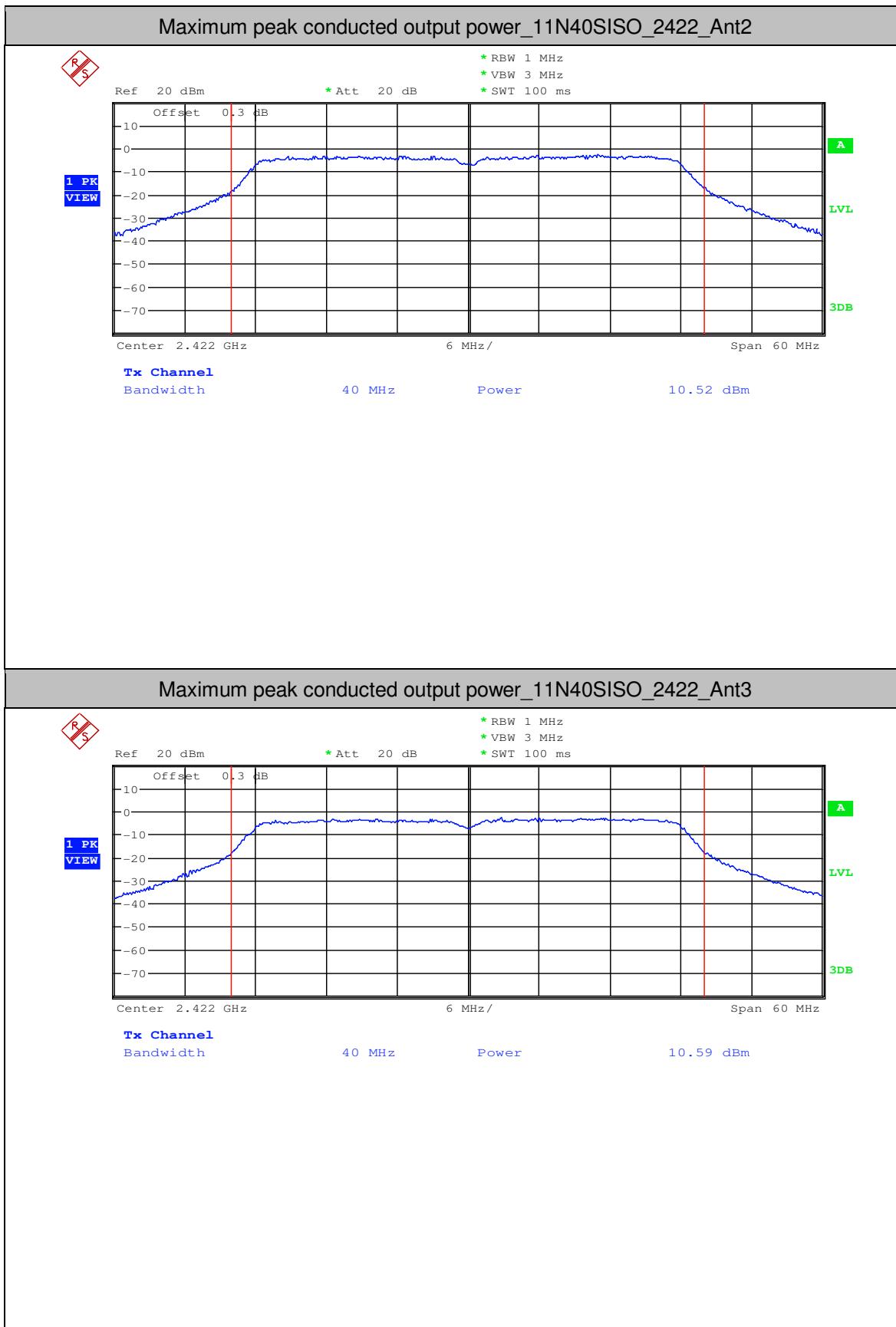


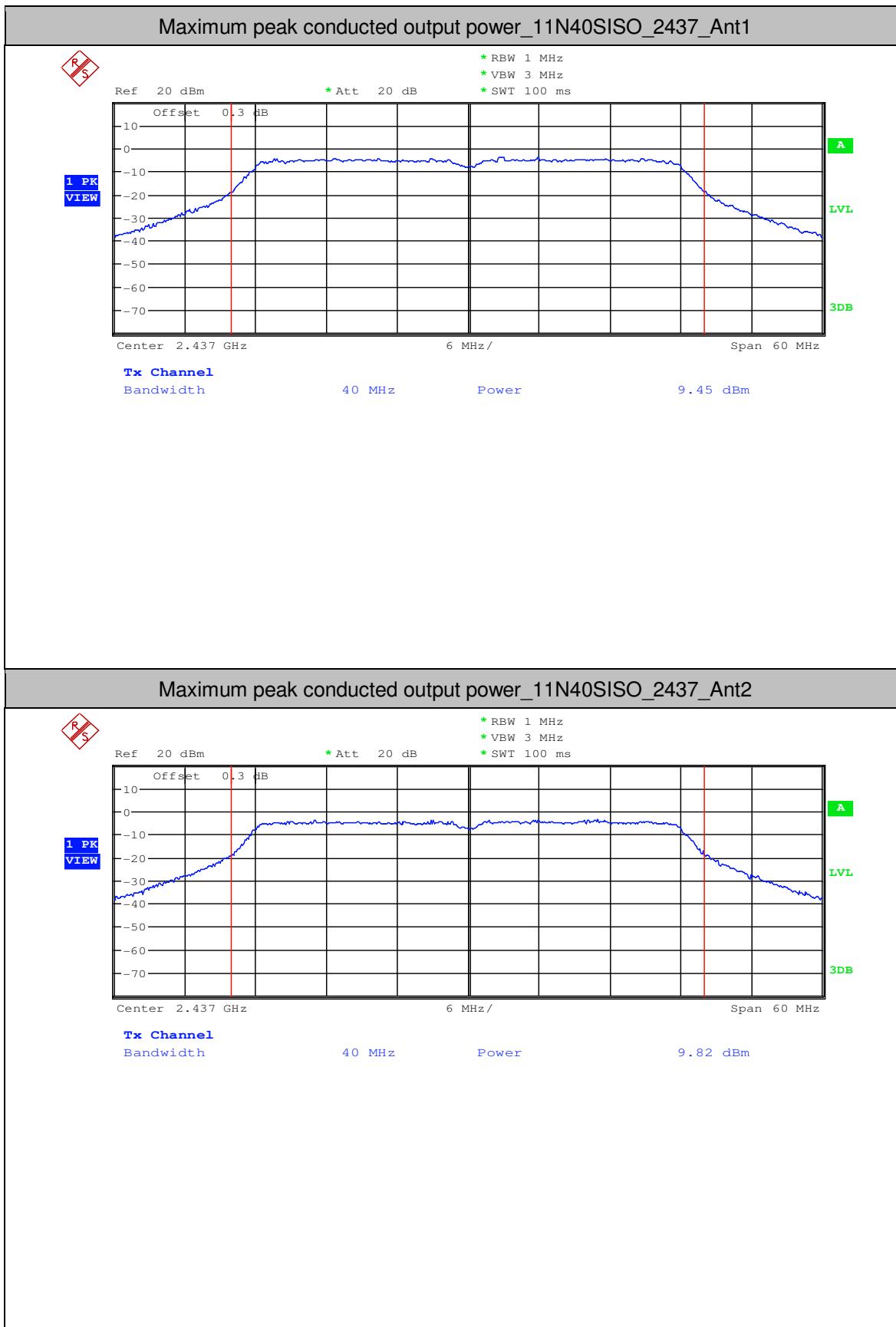


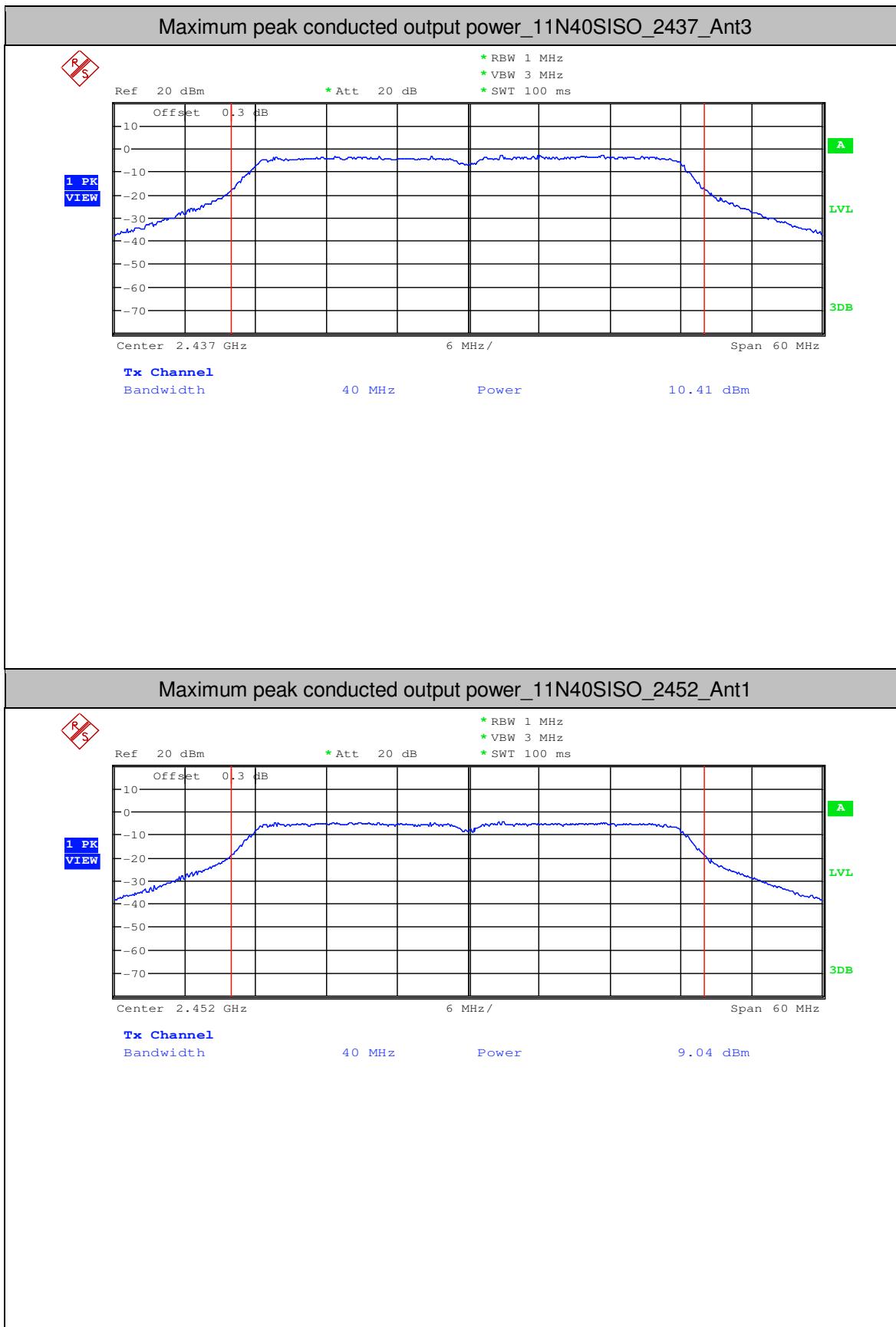


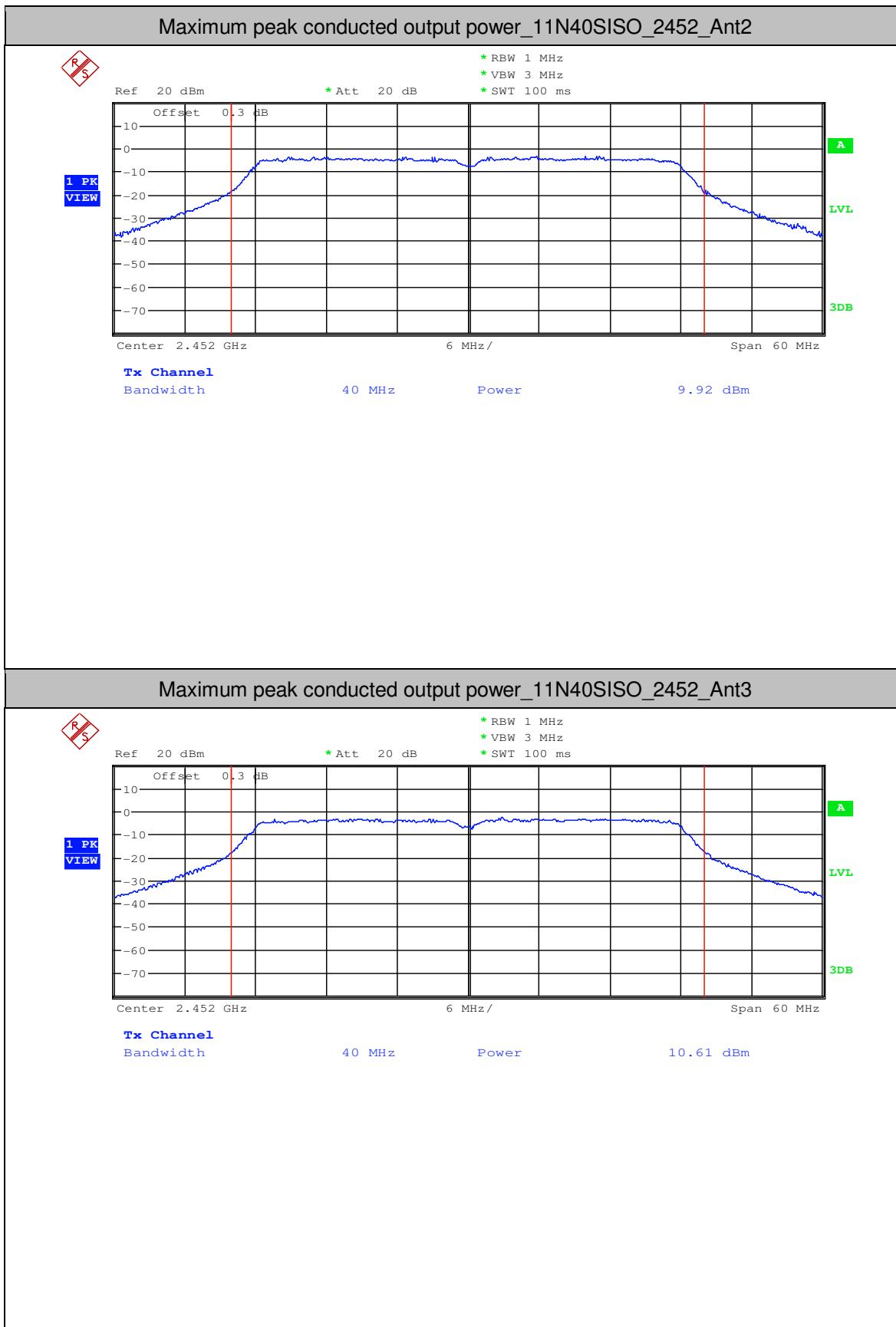












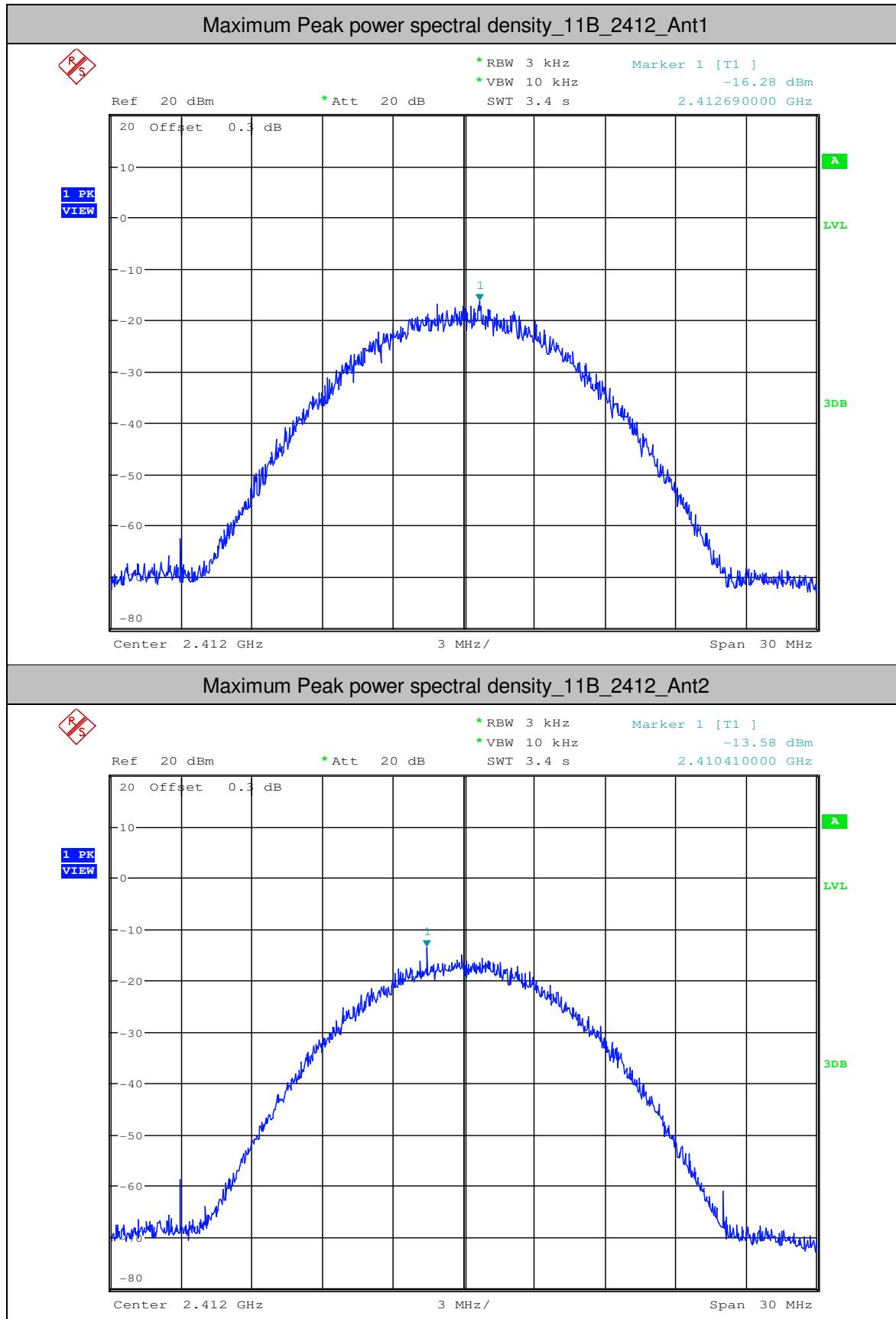
4. Maximum Peak power spectral density

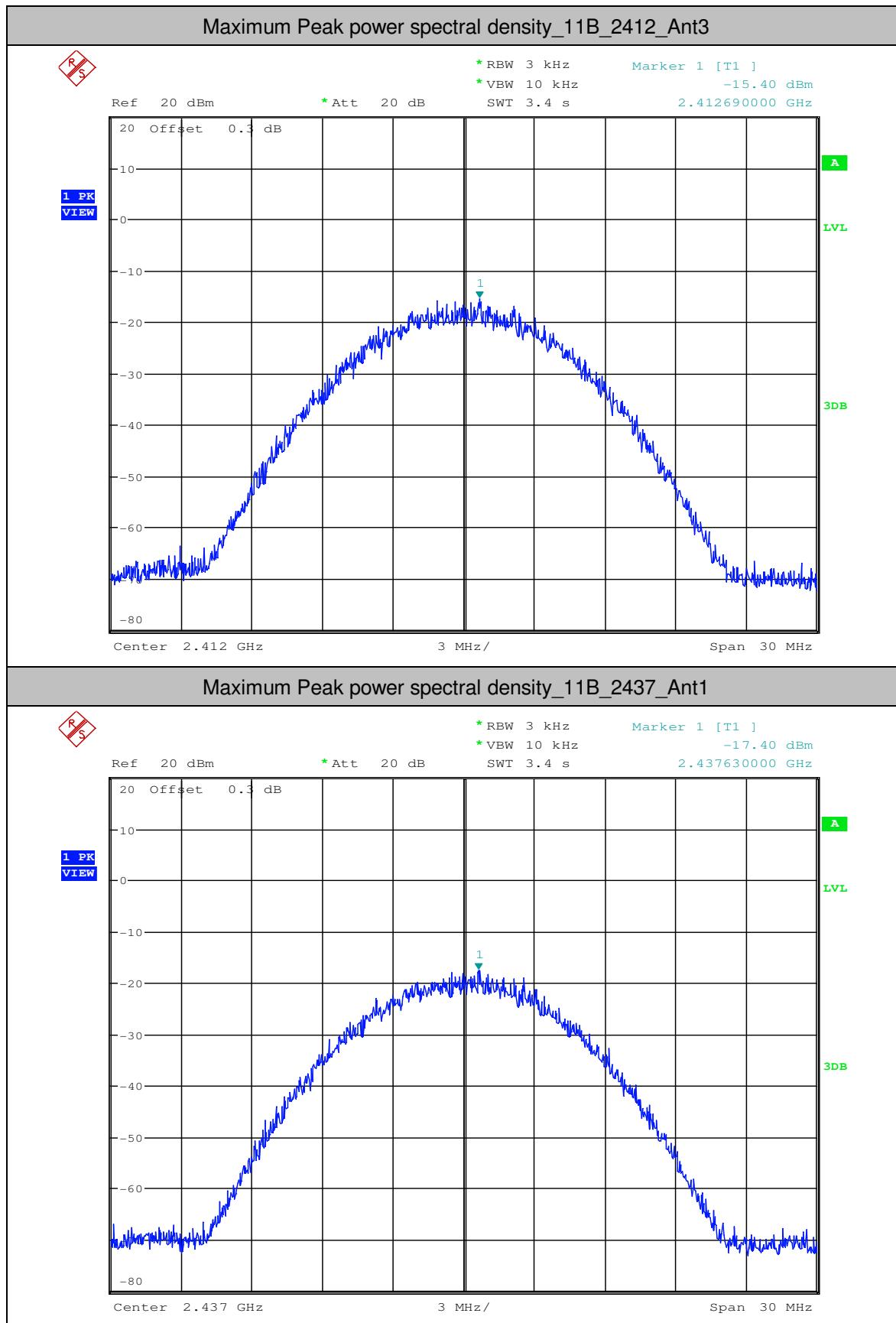
802.11b mode					
Test channel	Power Spectral Density (dBm)			Limit (dBm/3KHz)	Result
	Ant. 1	Ant. 2	Ant. 3		
Lowest	-16.28	-13.58	-15.40	8.00	Pass
Middle	-17.40	-15.23	-15.59	8.00	Pass
Highest	-18.53	-14.75	-15.46	8.00	Pass

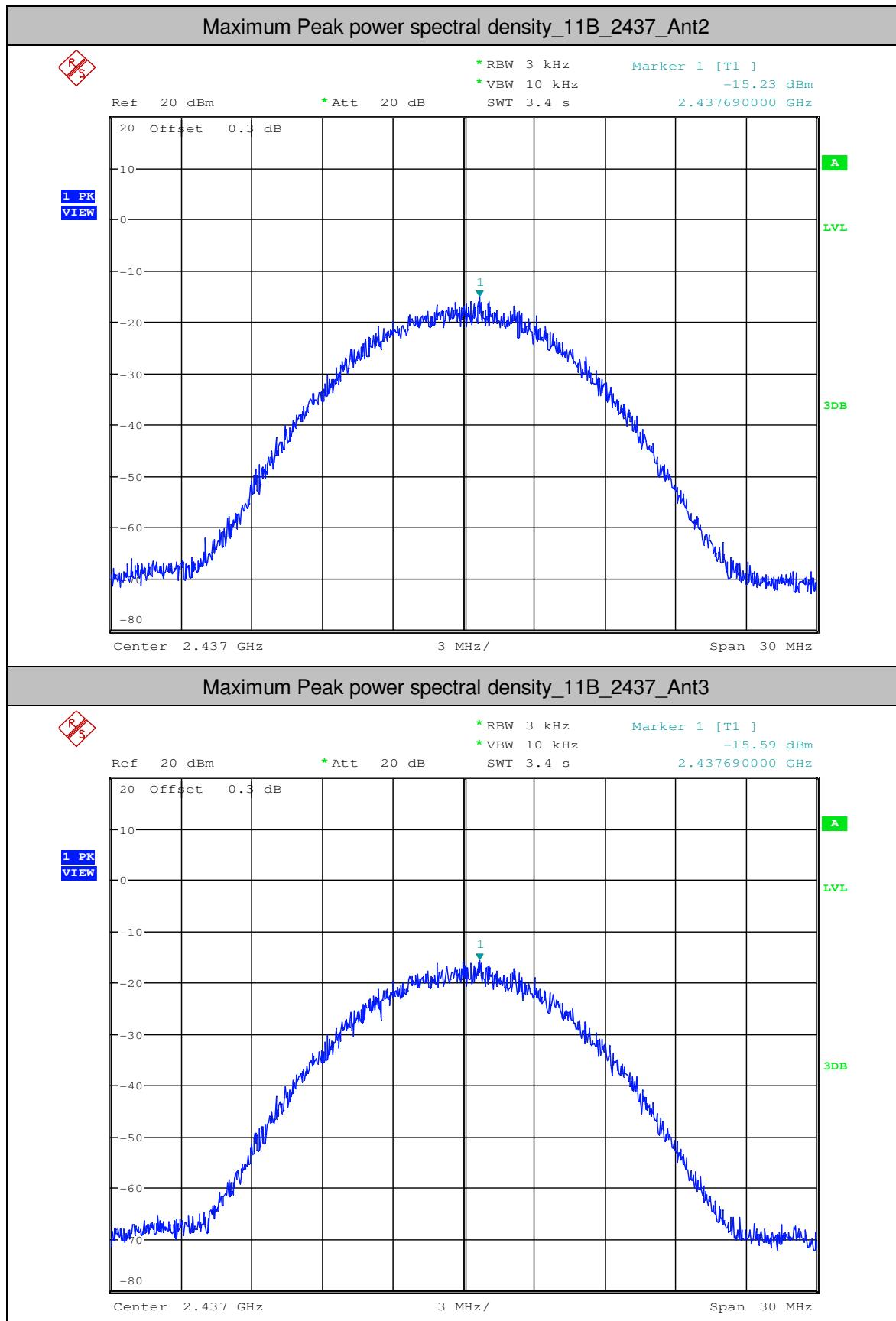
802.11g mode					
Test channel	Power Spectral Density (dBm)			Limit (dBm/3KHz)	Result
	Ant. 1	Ant. 2	Ant. 3		
Lowest	-20.95	-19.53	-19.19	8.00	Pass
Middle	-20.39	-19.80	-20.00	8.00	Pass
Highest	-22.75	-19.25	-19.22	8.00	Pass

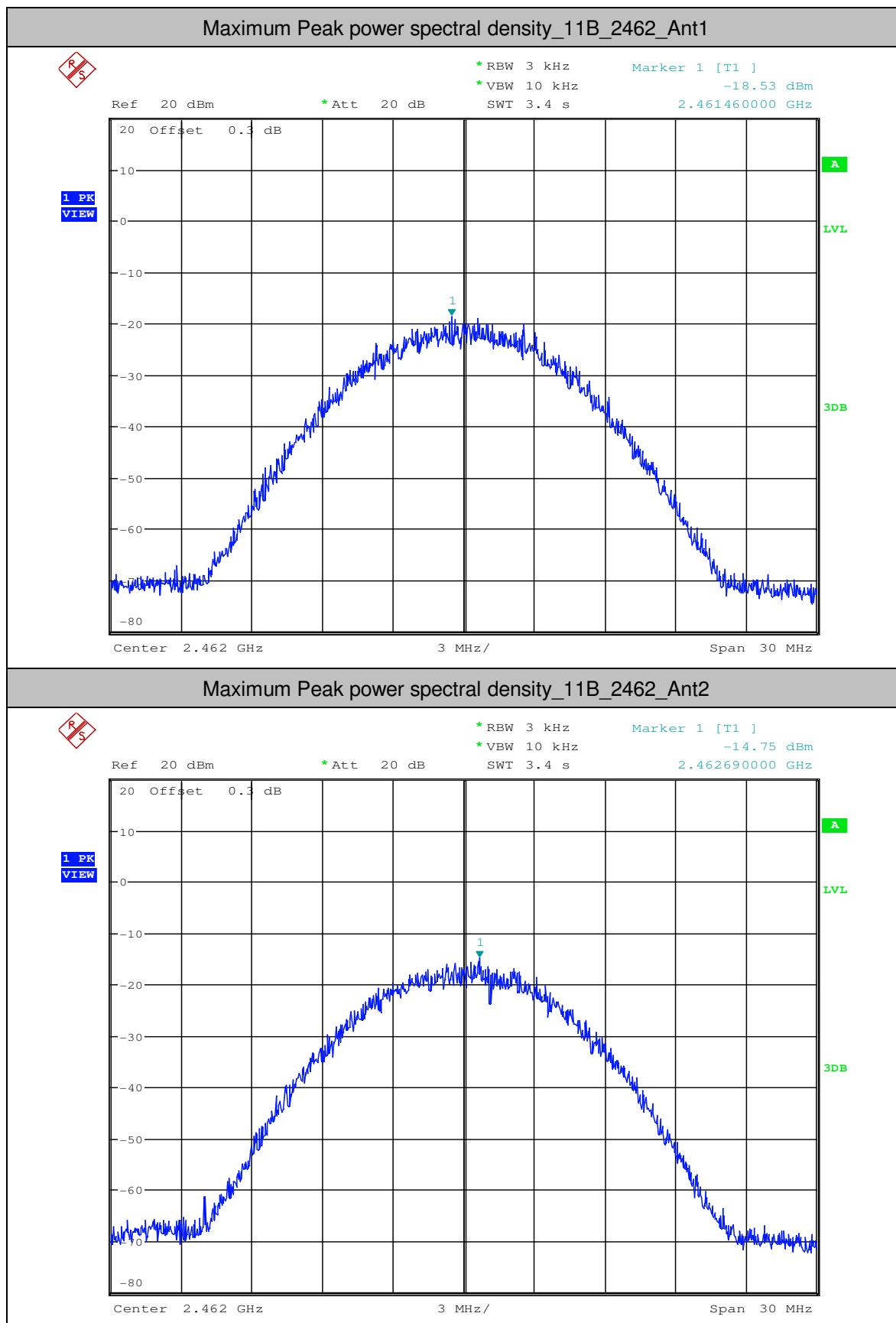
802.11n(HT20) mode						Result	
Test channel	Power Spectral Density (dBm)				Limit (dBm/3KHz)		
	Ant. 1	Ant. 2	Ant. 3	Total			
Lowest	-21.28	-20.65	-19.99	-15.84	8.00	Pass	
Middle	-23.01	-21.86	-20.97	-17.10	8.00	Pass	
Highest	-22.85	-20.77	-20.33	-16.41	8.00	Pass	

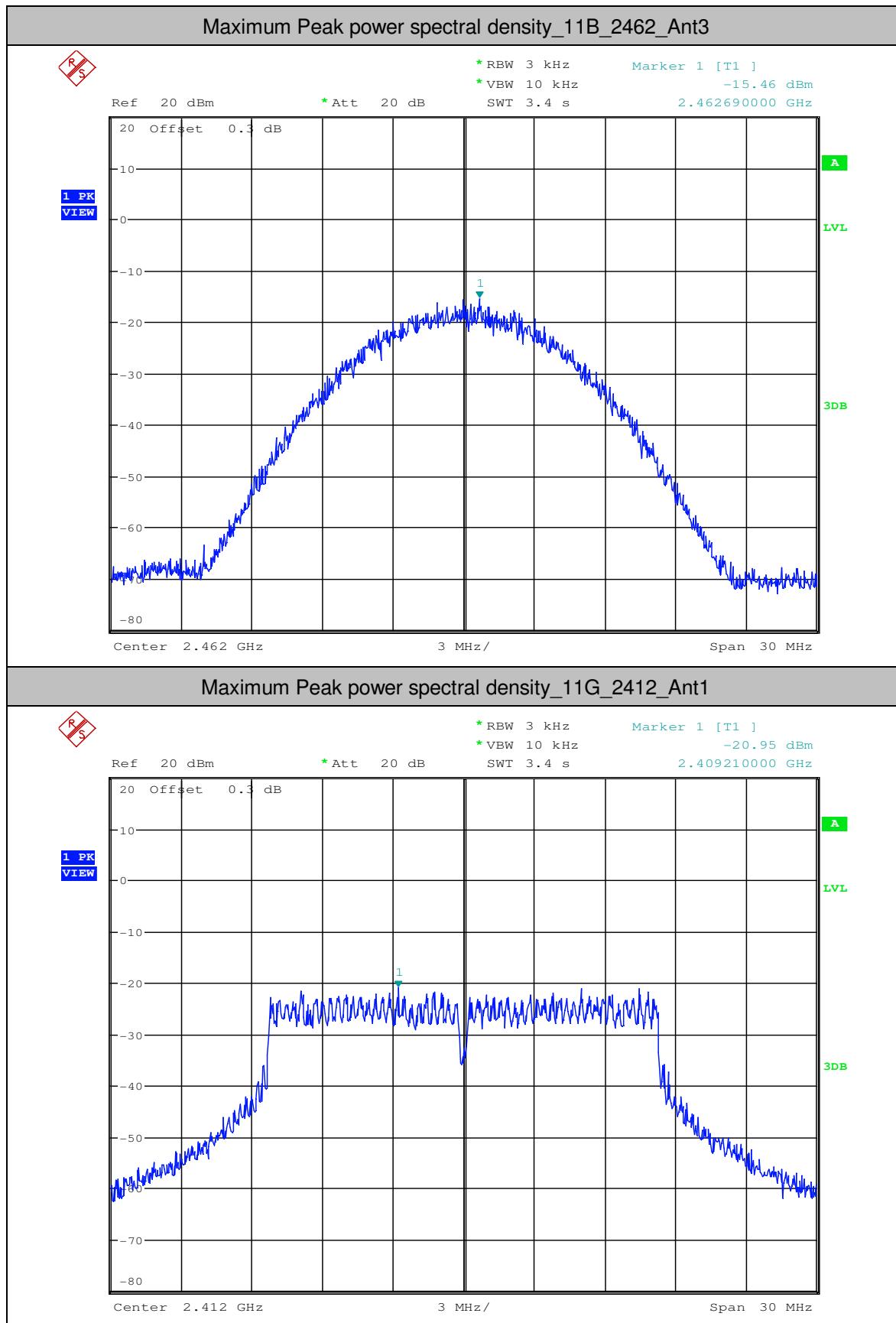
802.11n(HT40) mode						Result	
Test channel	Power Spectral Density (dBm)				Limit (dBm/3KHz)		
	Ant. 1	Ant. 2	Ant. 3	Total			
Lowest	-27.92	-25.75	-26.05	-21.70	8.00	Pass	
Middle	-27.14	-27.01	-26.38	-22.06	8.00	Pass	
Highest	-28.26	-26.89	-25.92	-22.15	8.00	Pass	

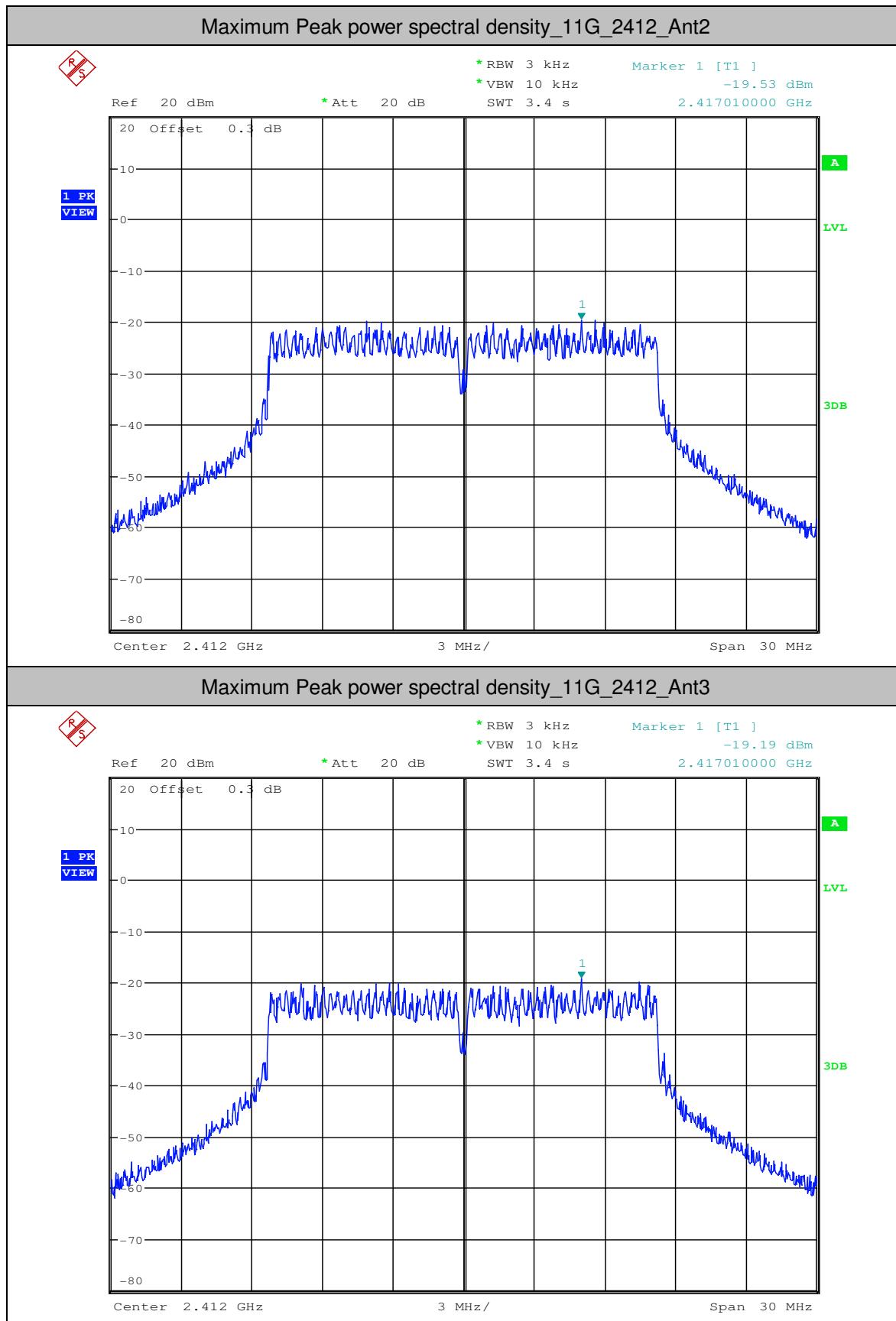


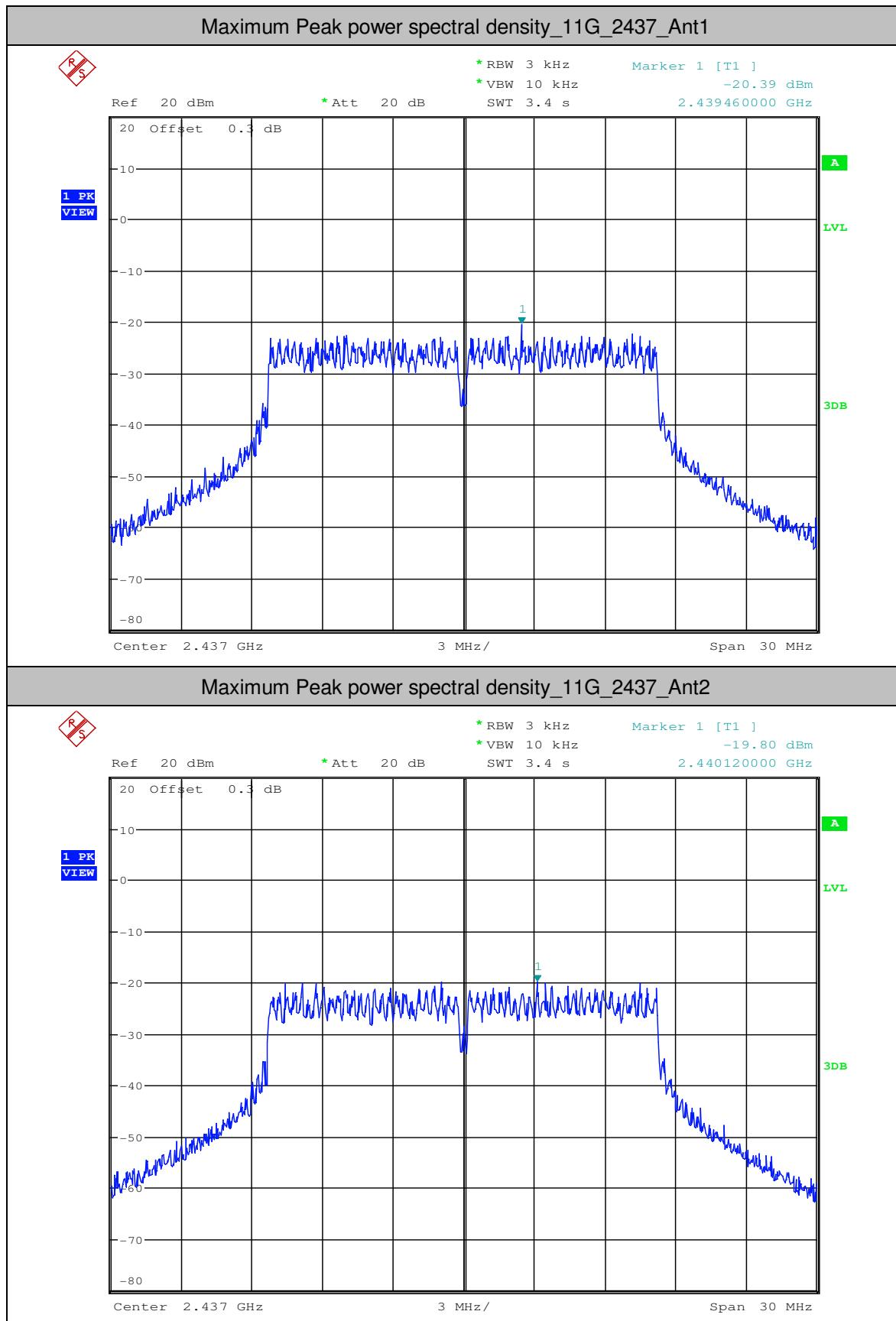


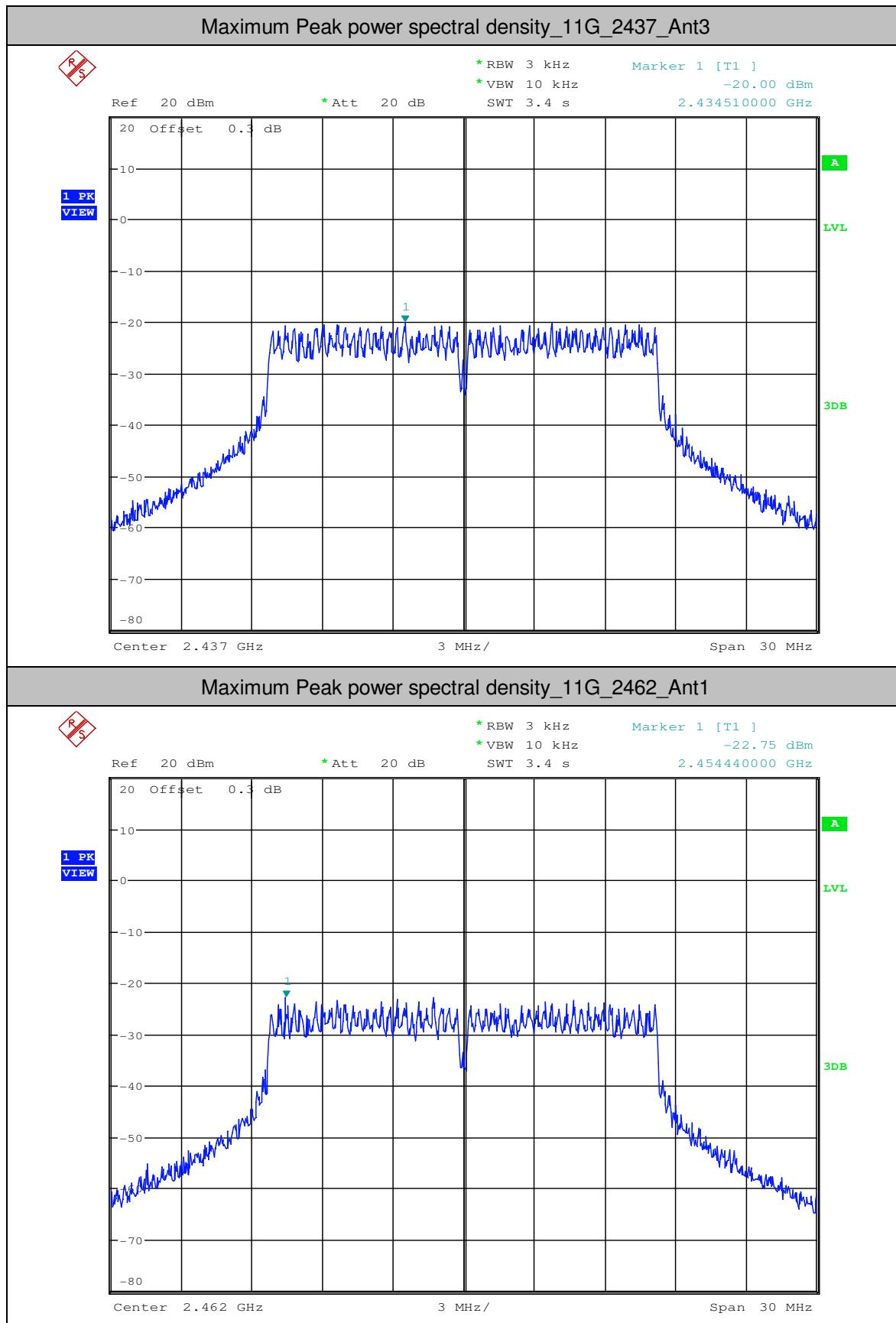


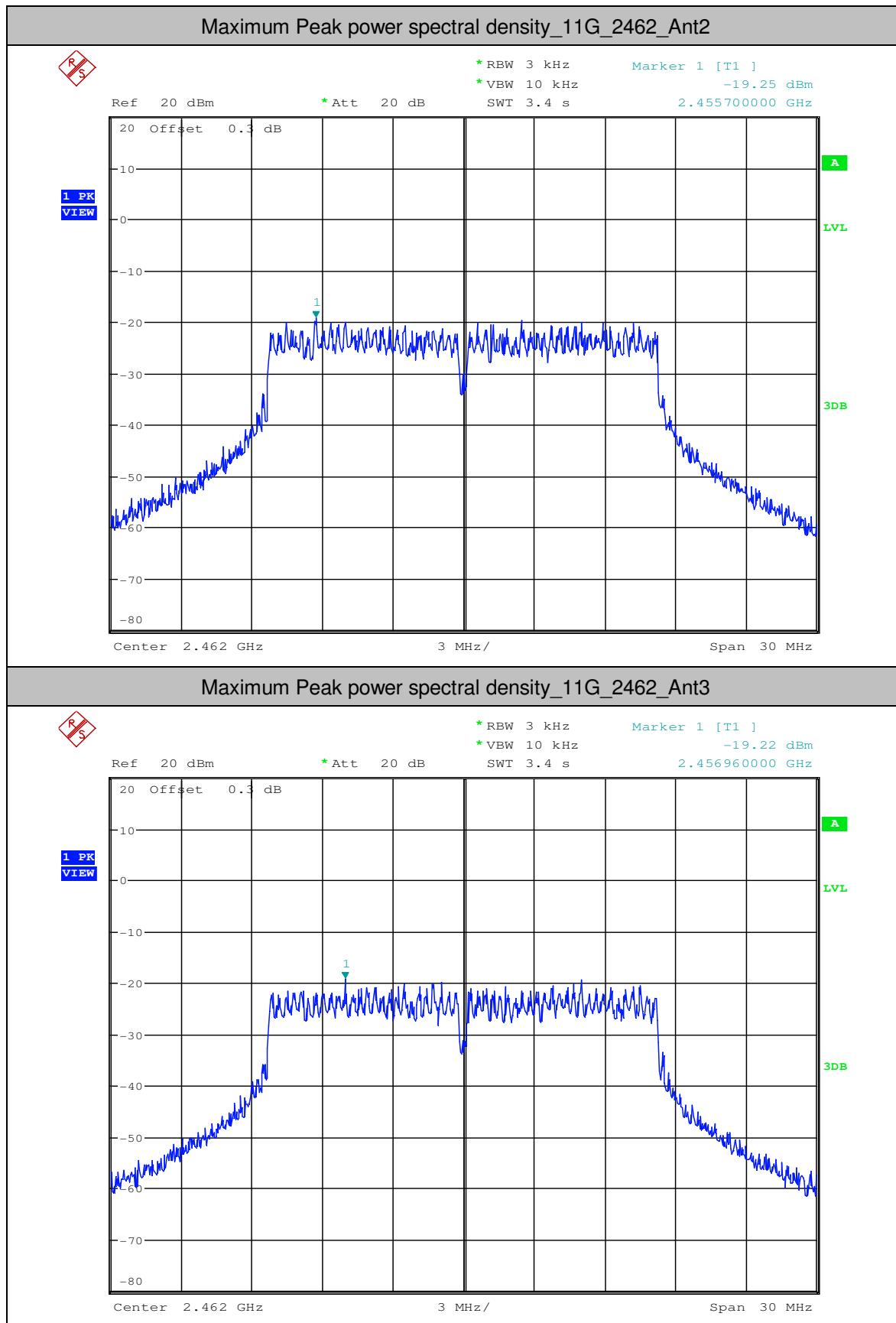


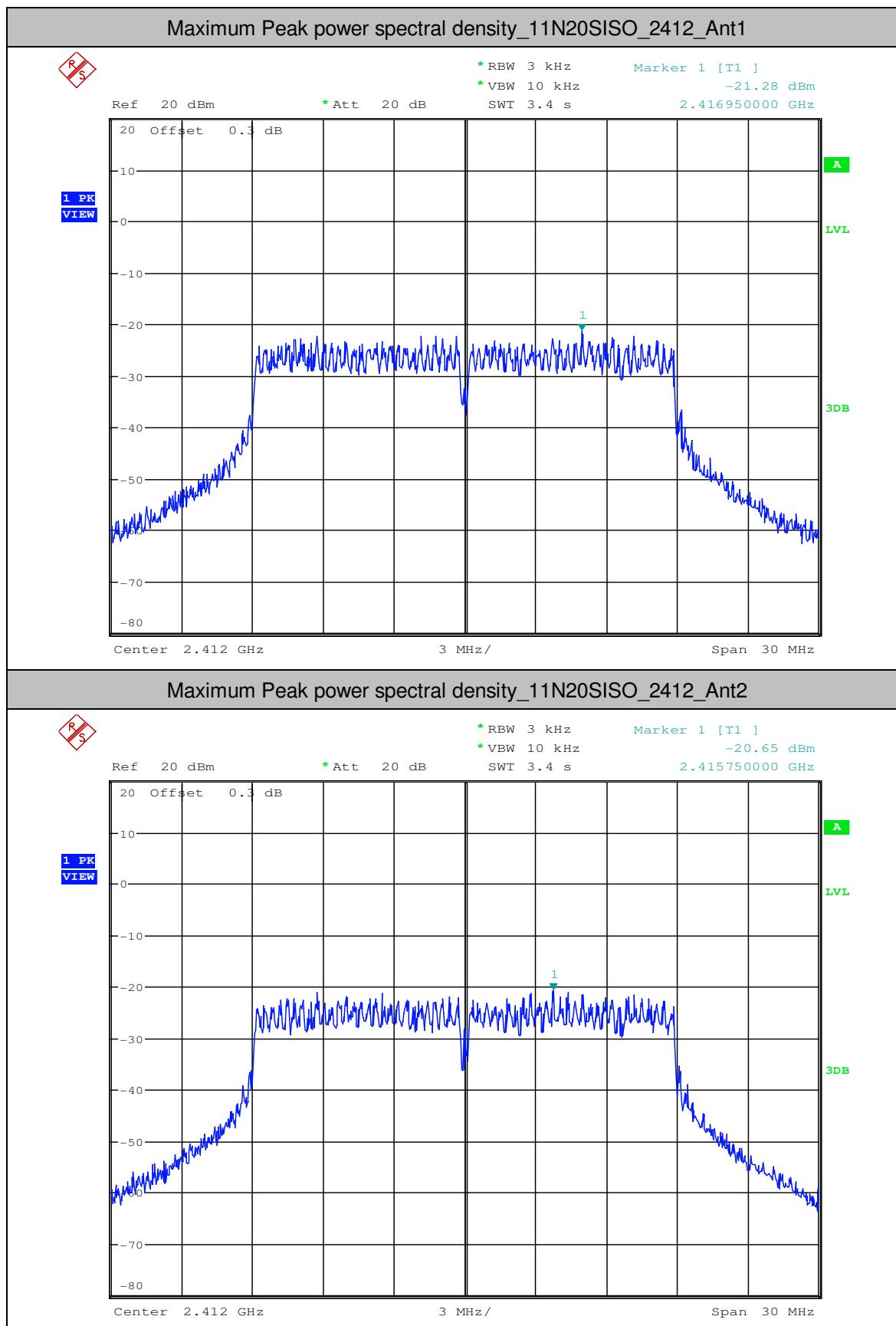


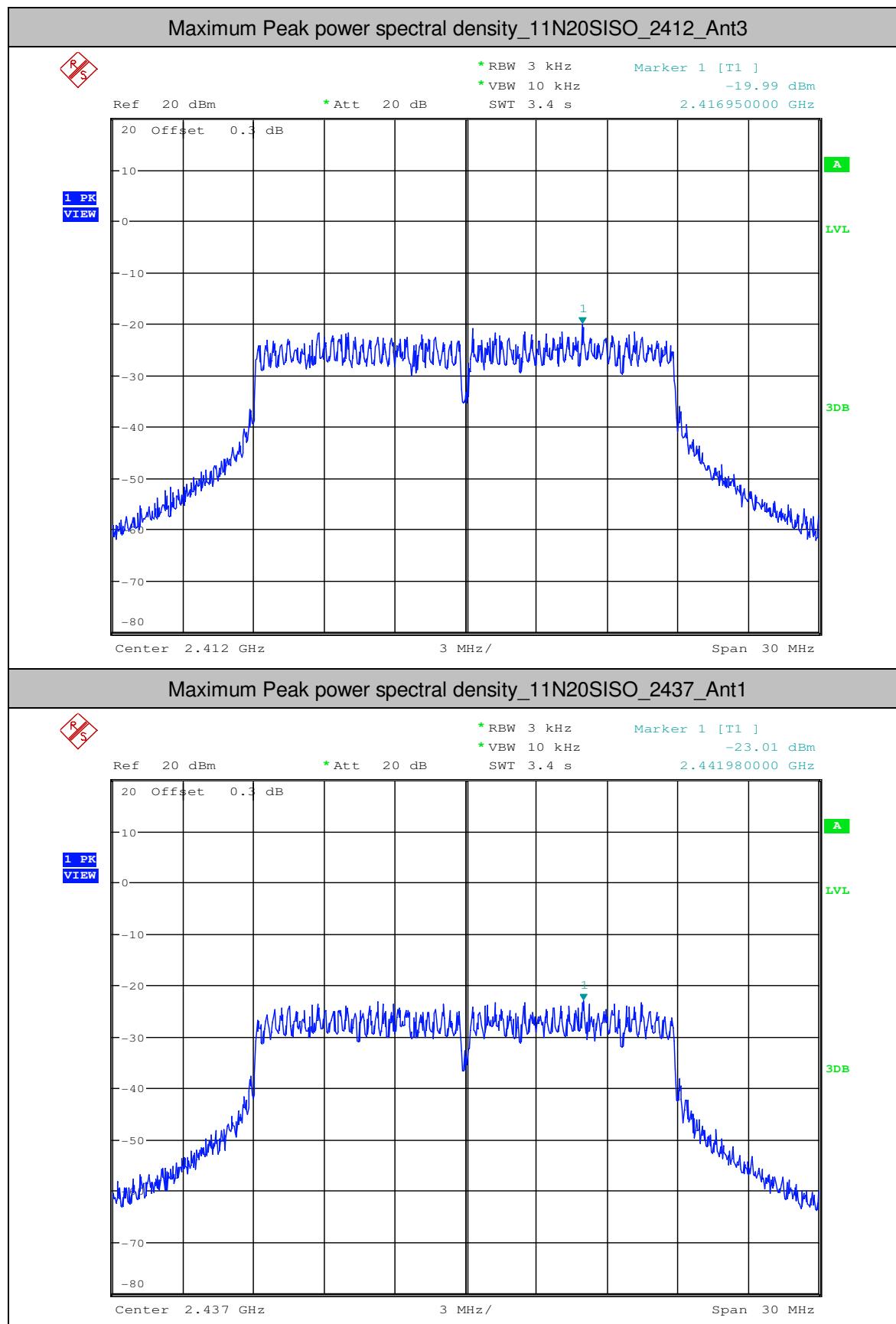


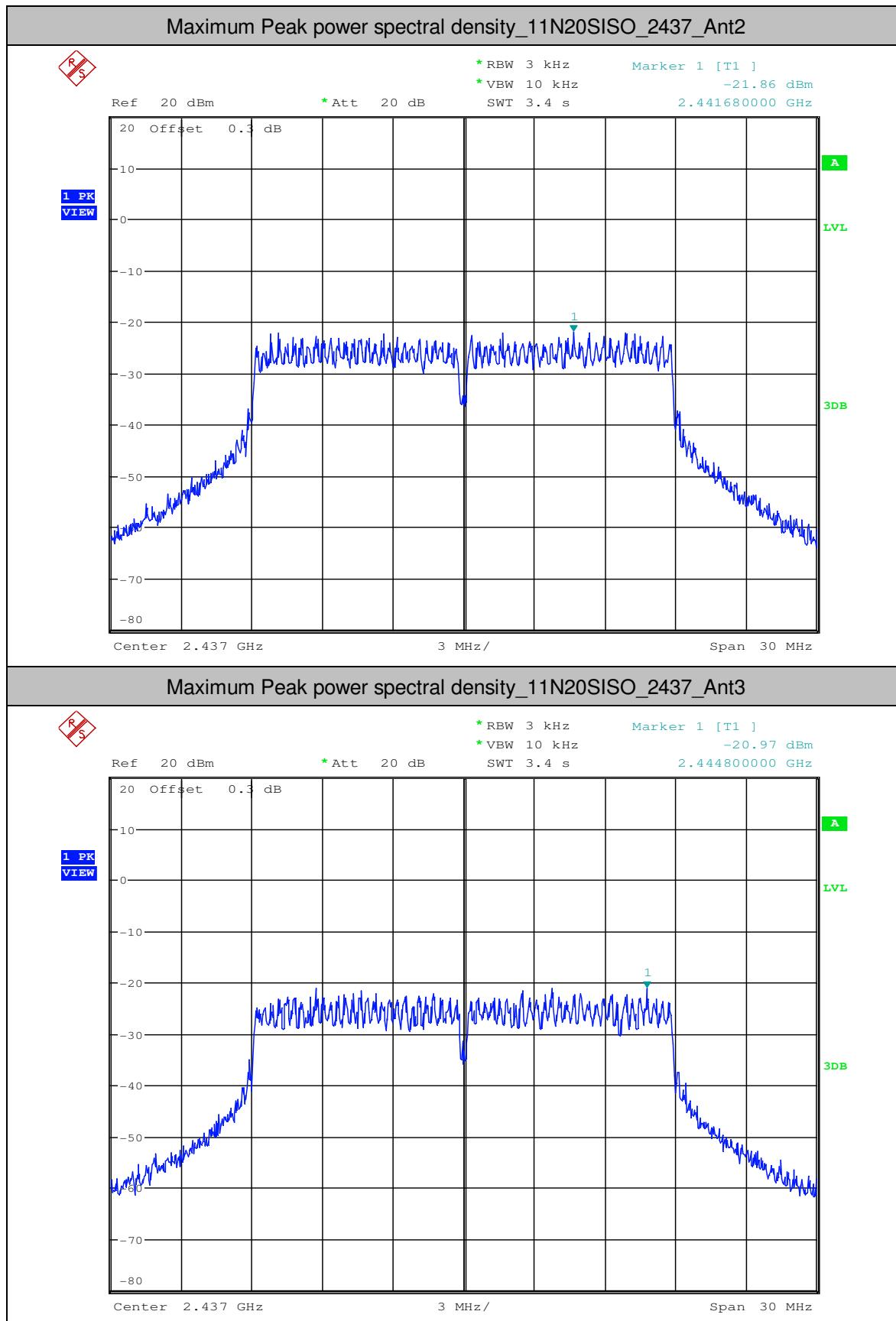


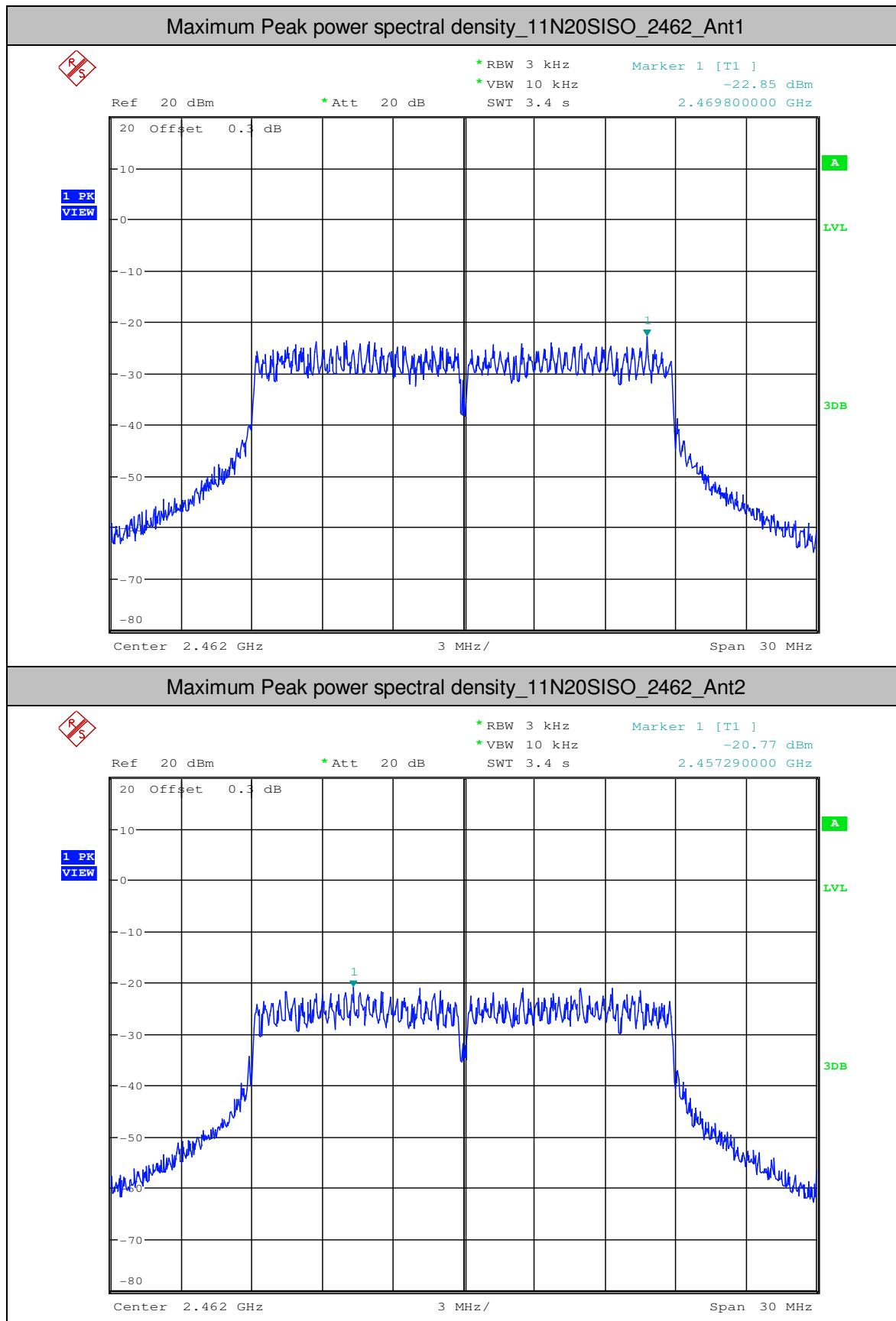


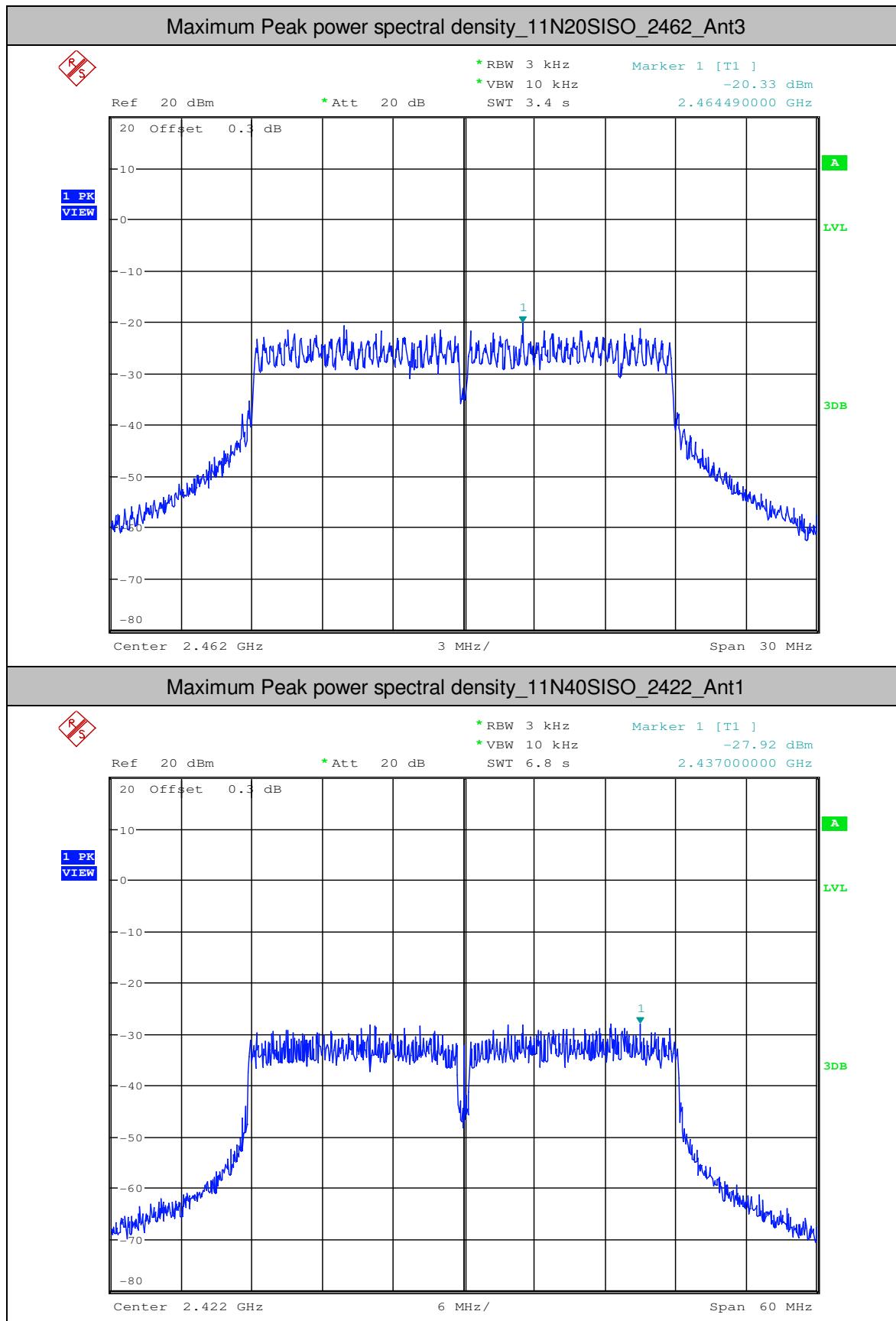


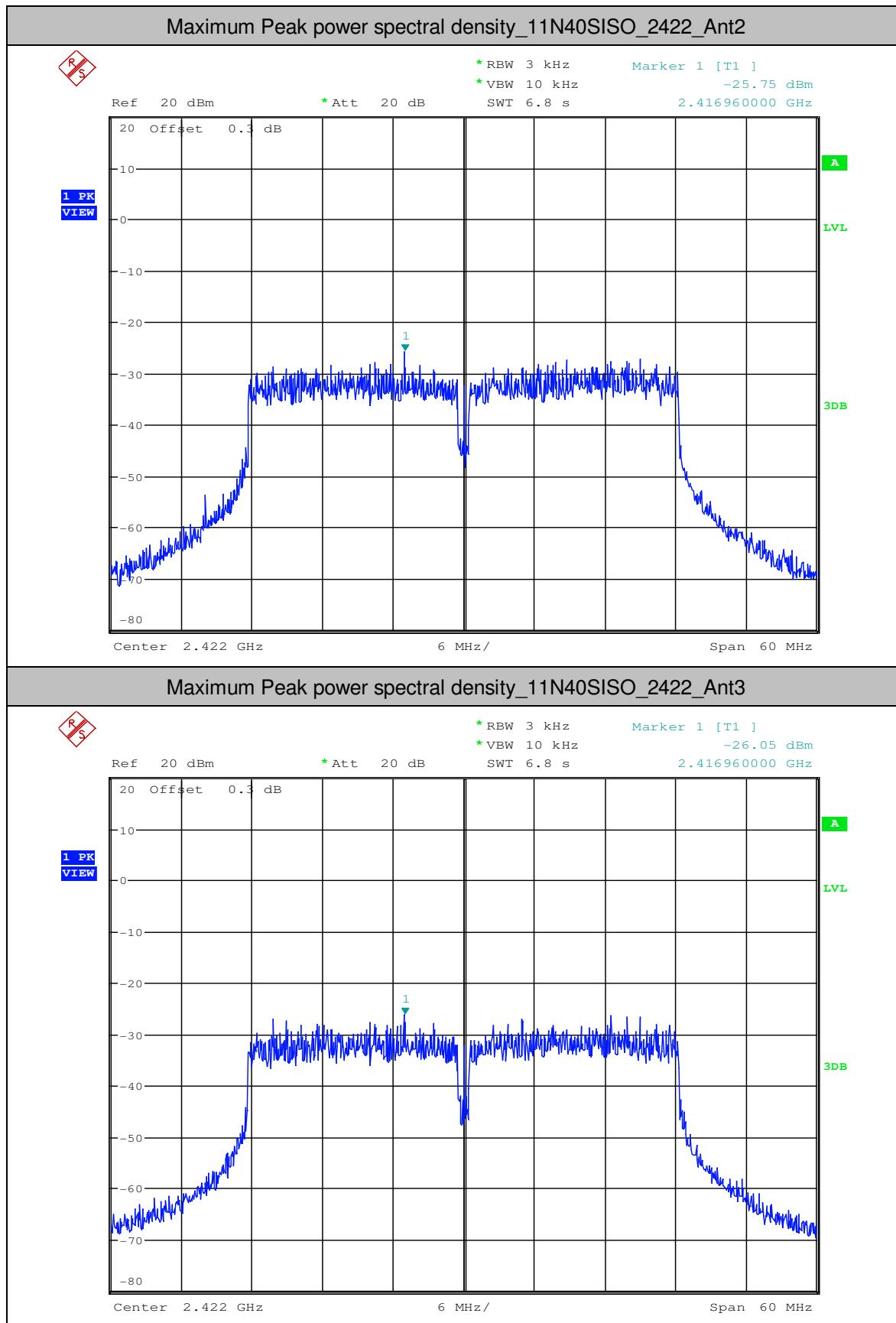


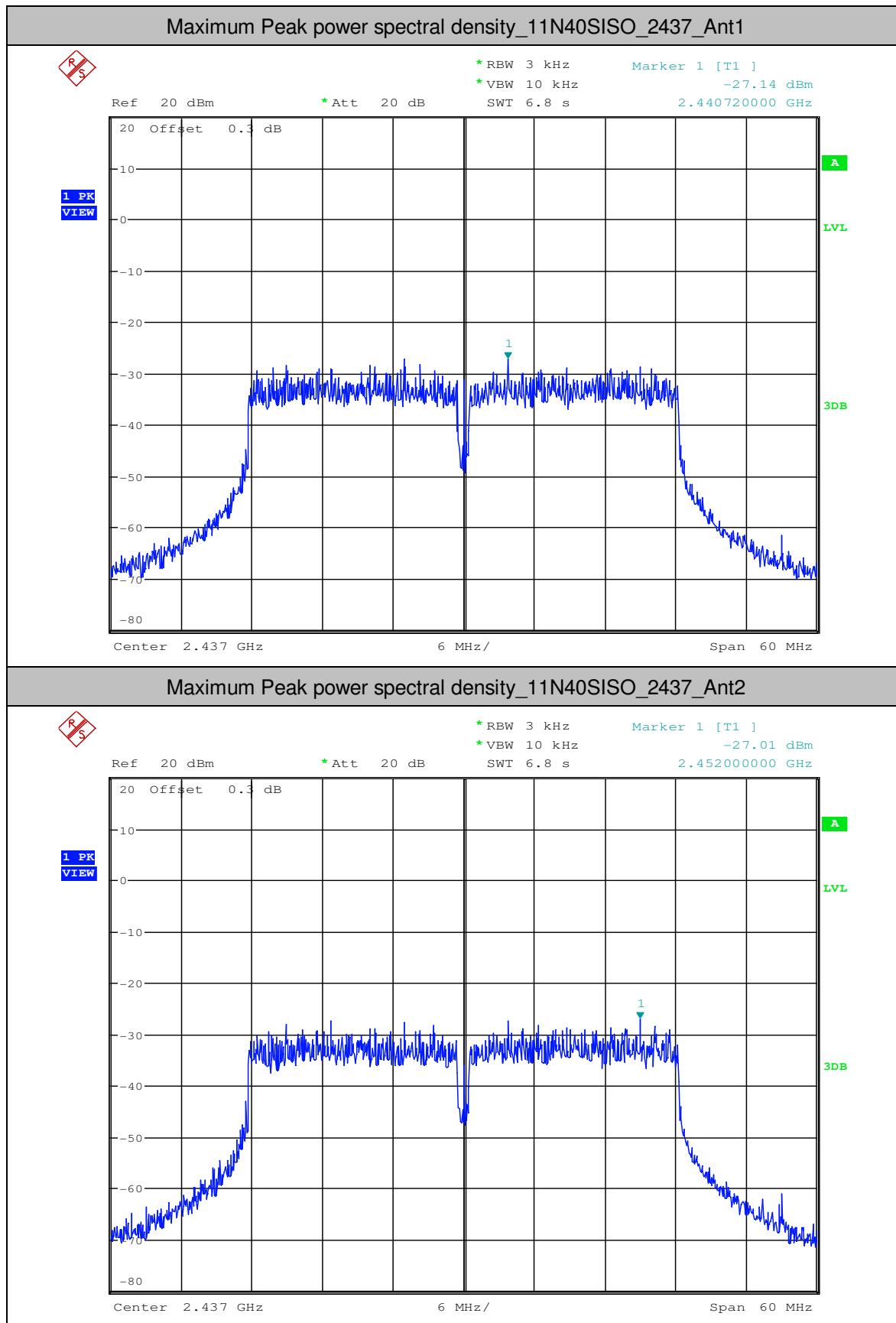


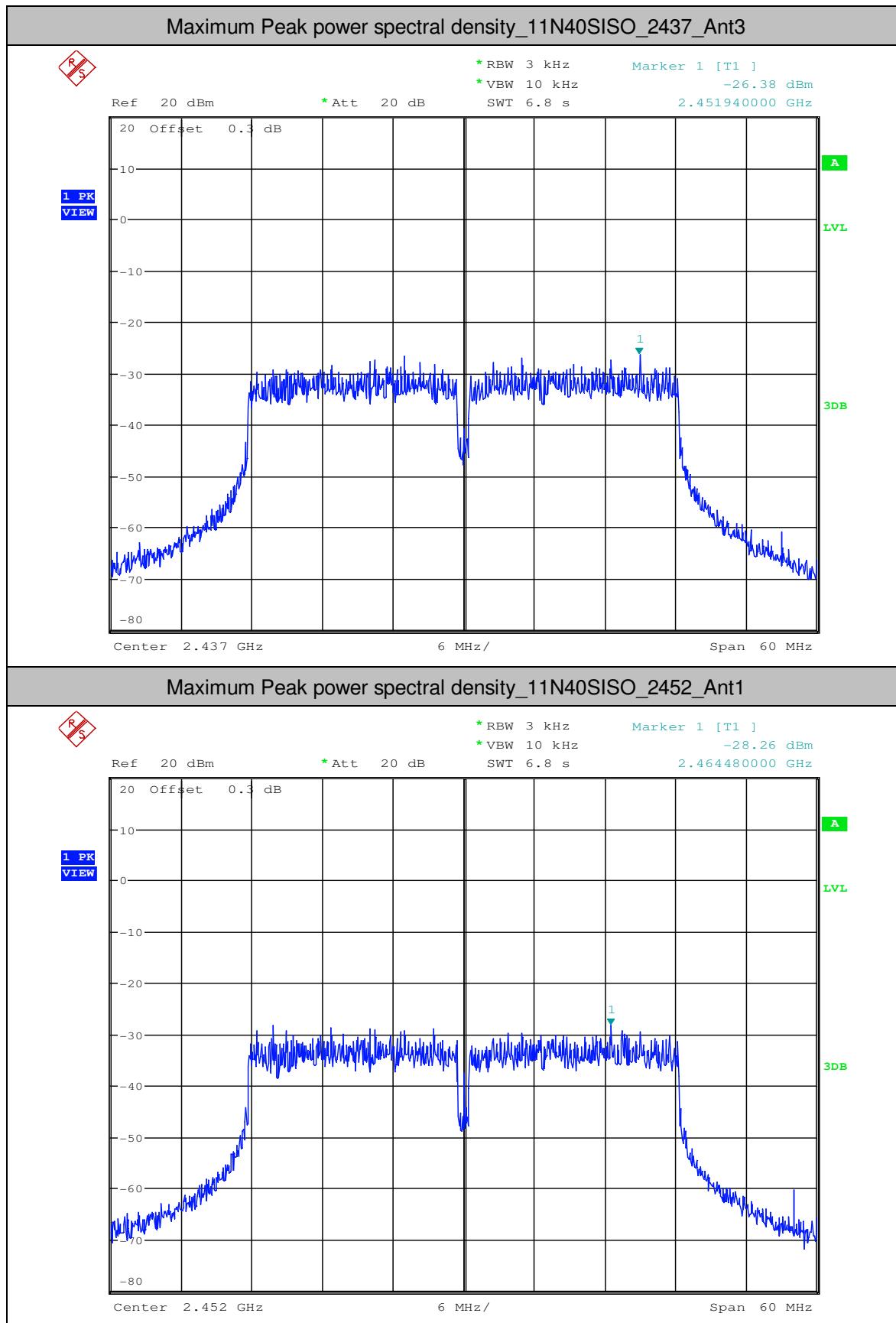


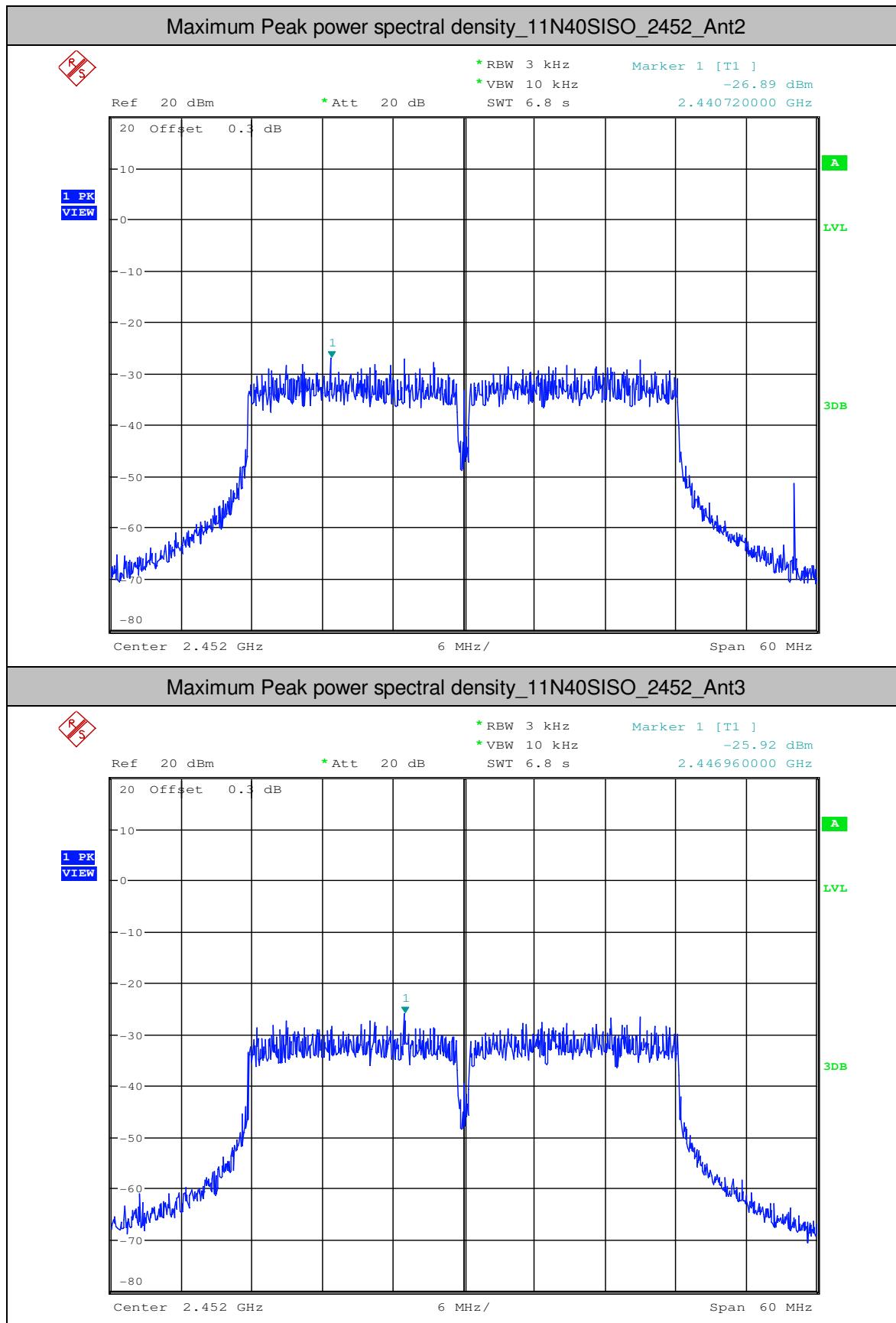






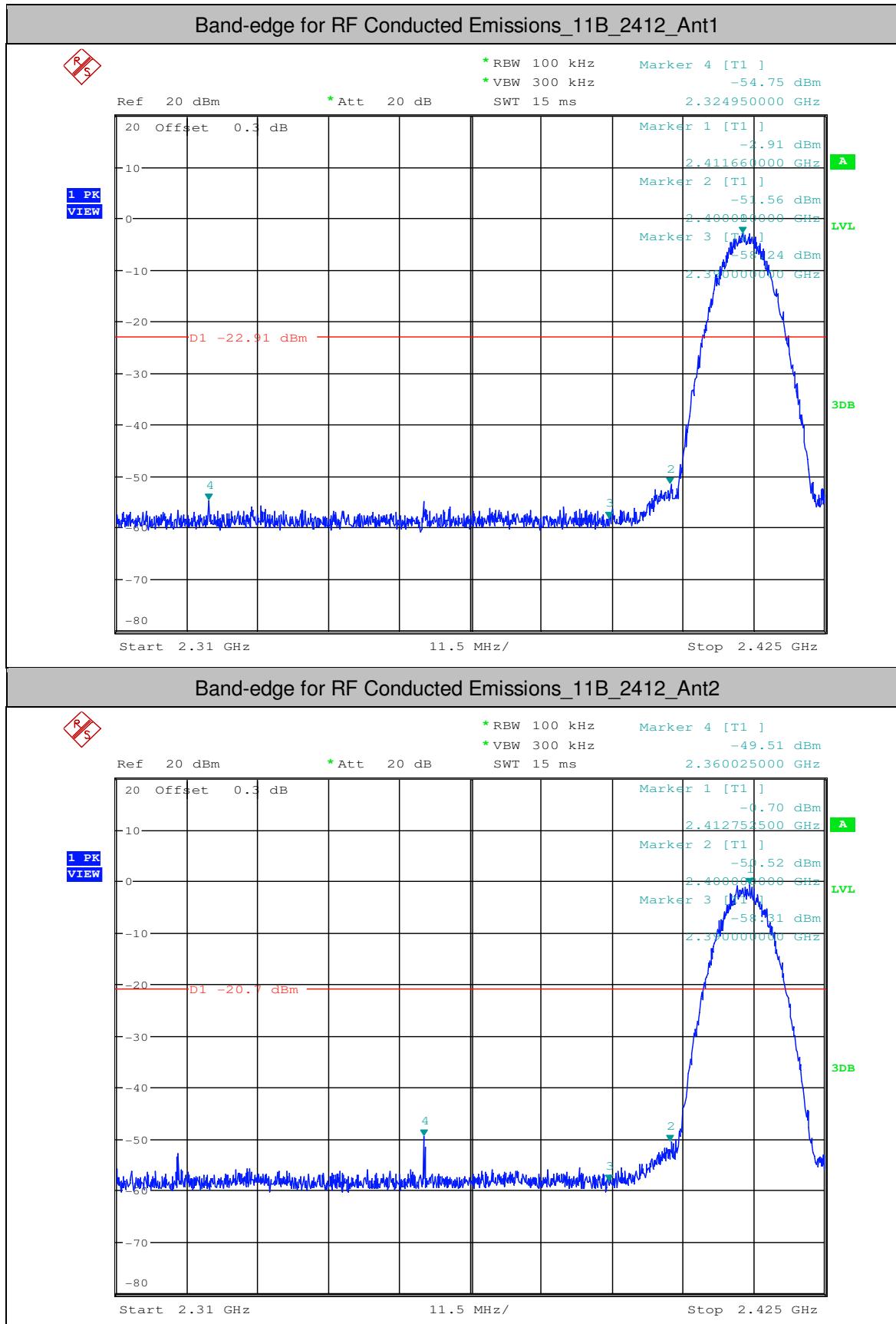


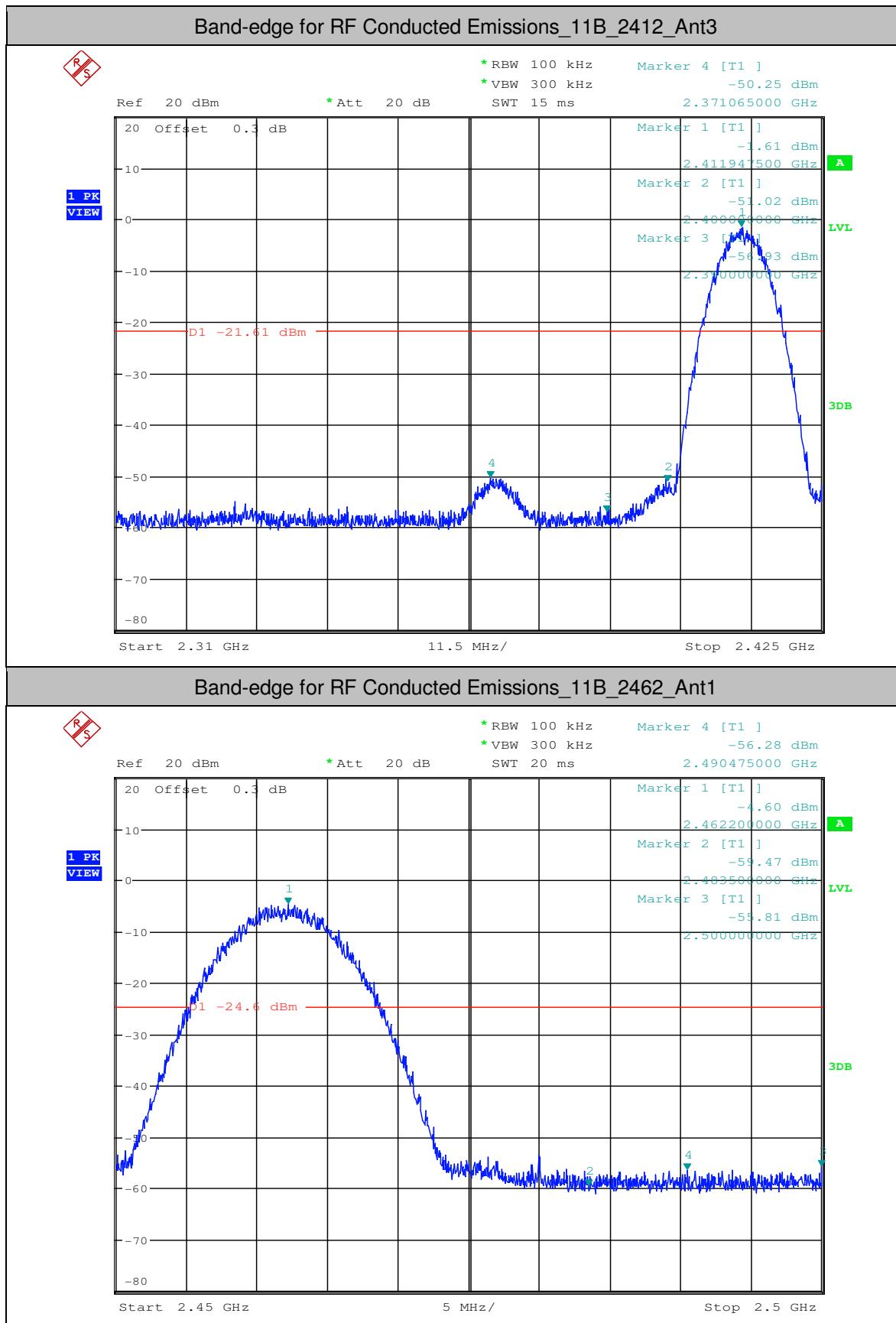


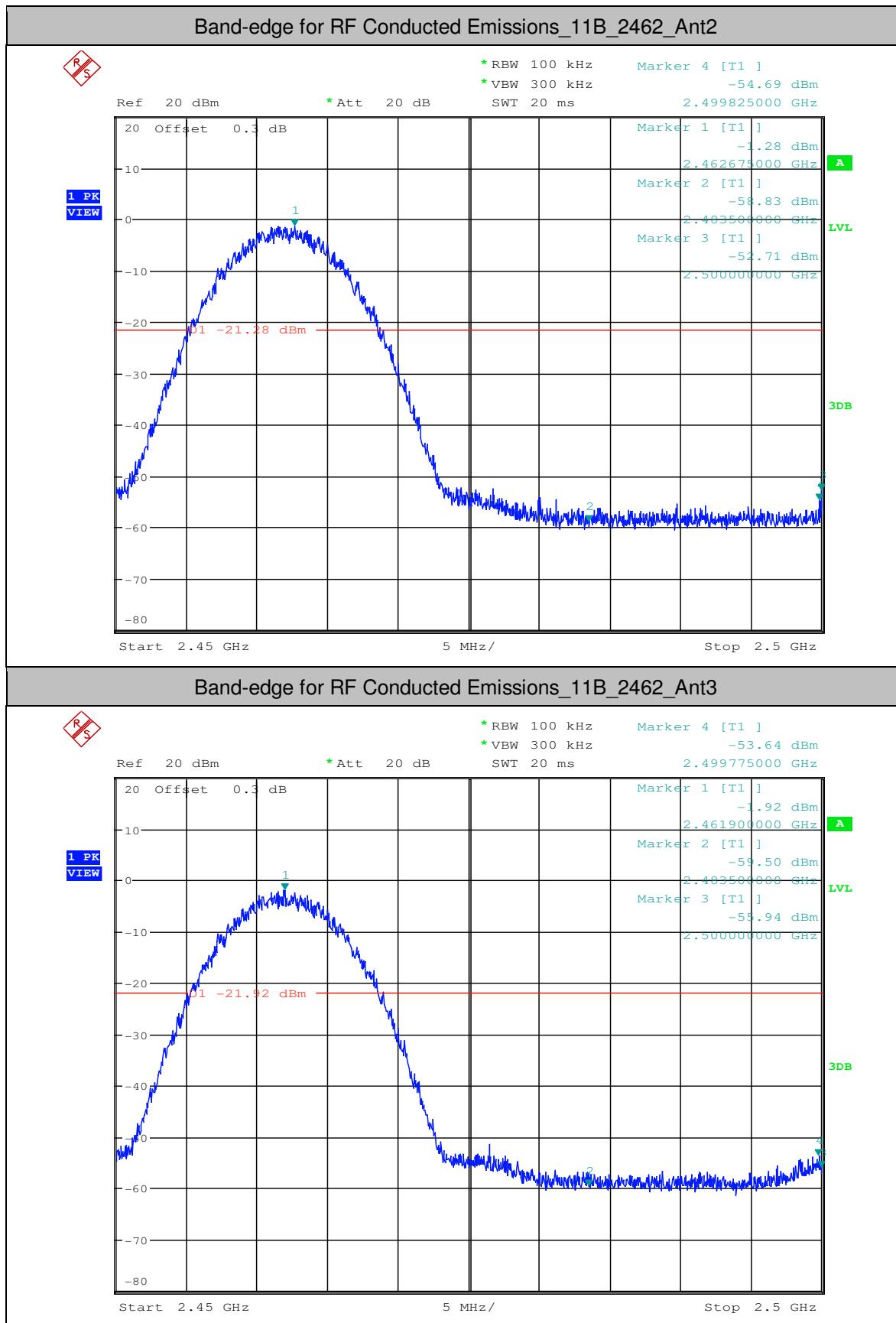


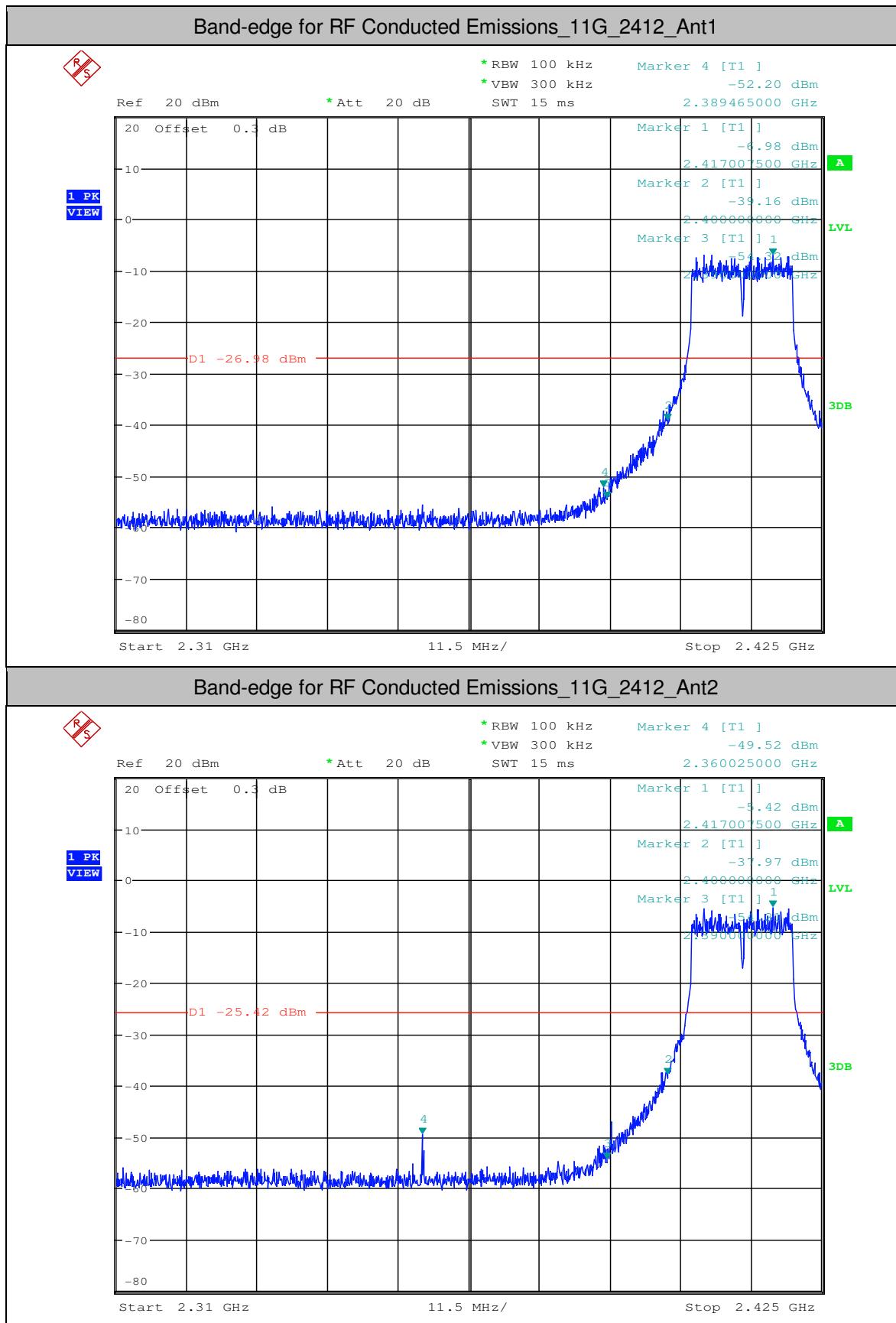
5. Band-edge for RF Conducted Emissions

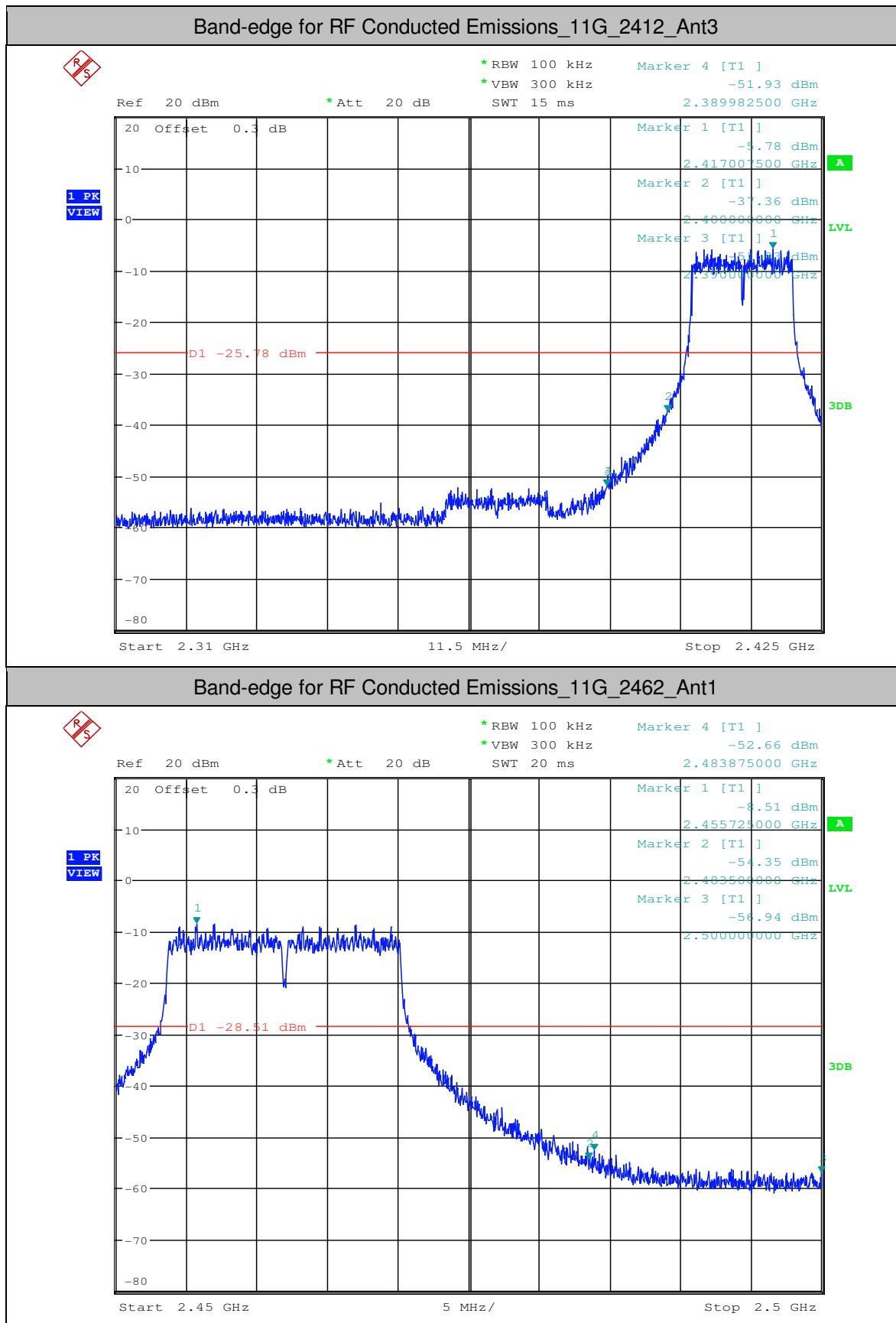
Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-2.910	-54.752	<-22.91	PASS
11B	2412	Ant2	-0.700	-49.505	<-20.7	PASS
11B	2412	Ant3	-1.610	-50.253	<-21.61	PASS
11B	2462	Ant1	-4.600	-56.279	<-24.6	PASS
11B	2462	Ant2	-1.280	-54.692	<-21.28	PASS
11B	2462	Ant3	-1.920	-53.638	<-21.92	PASS
11G	2412	Ant1	-6.980	-52.195	<-26.98	PASS
11G	2412	Ant2	-5.420	-49.516	<-25.42	PASS
11G	2412	Ant3	-5.780	-51.929	<-25.78	PASS
11G	2462	Ant1	-8.510	-52.658	<-28.51	PASS
11G	2462	Ant2	-5.230	-50.621	<-25.23	PASS
11G	2462	Ant3	-5.790	-49.622	<-25.79	PASS
11N20SISO	2412	Ant1	-7.220	-50.798	<-27.22	PASS
11N20SISO	2412	Ant2	-6.450	-48.946	<-26.45	PASS
11N20SISO	2412	Ant3	-6.690	-51.420	<-26.69	PASS
11N20SISO	2462	Ant1	-8.910	-51.615	<-28.91	PASS
11N20SISO	2462	Ant2	-5.830	-50.533	<-25.83	PASS
11N20SISO	2462	Ant3	-6.980	-49.583	<-26.98	PASS
11N40SISO	2422	Ant1	-13.920	-48.987	<-33.92	PASS
11N40SISO	2422	Ant2	-13.240	-51.552	<-33.24	PASS
11N40SISO	2422	Ant3	-12.860	-48.044	<-32.86	PASS
11N40SISO	2452	Ant1	-14.820	-50.004	<-34.82	PASS
11N40SISO	2452	Ant2	-13.920	-51.203	<-33.92	PASS
11N40SISO	2452	Ant3	-13.020	-48.133	<-33.02	PASS

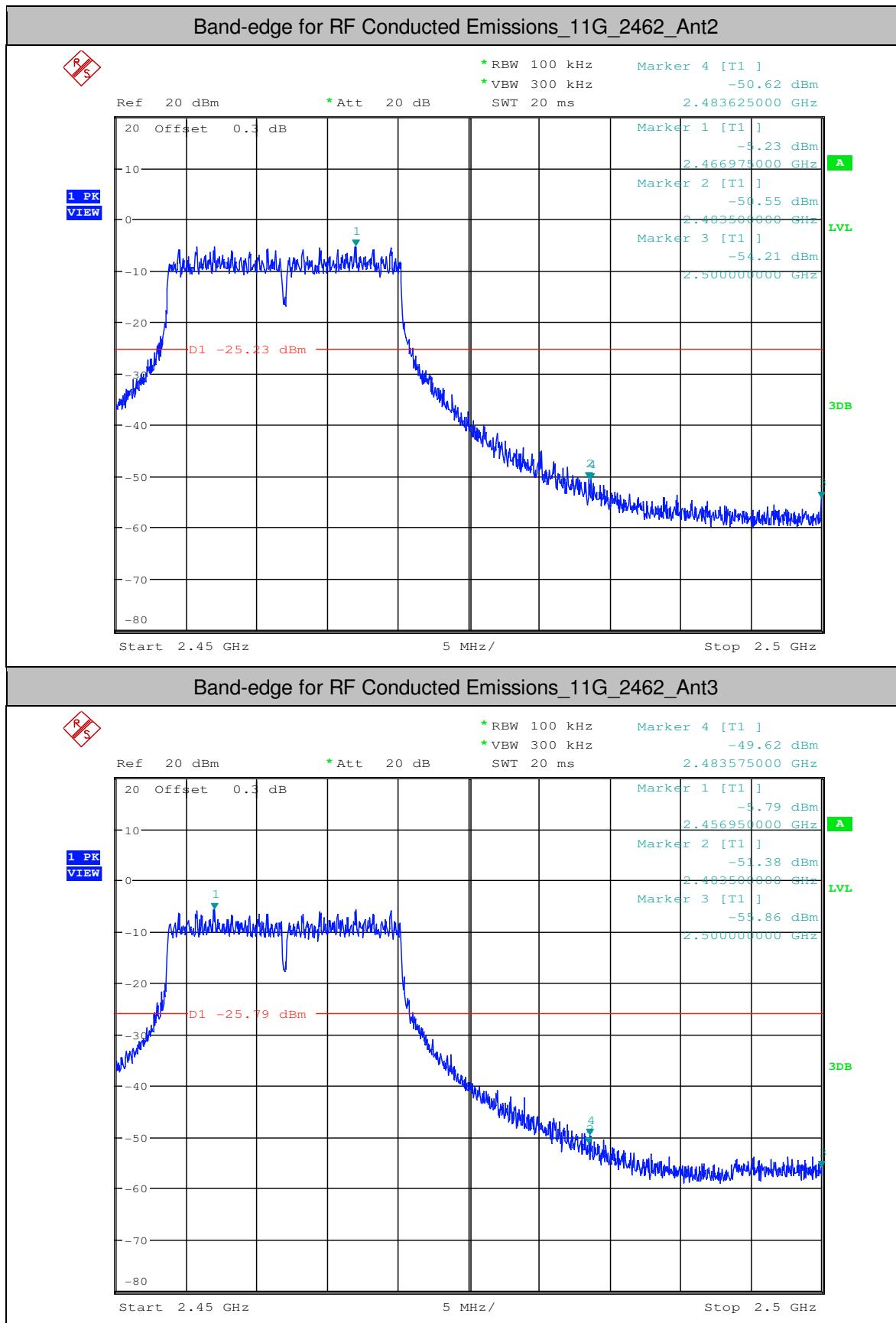


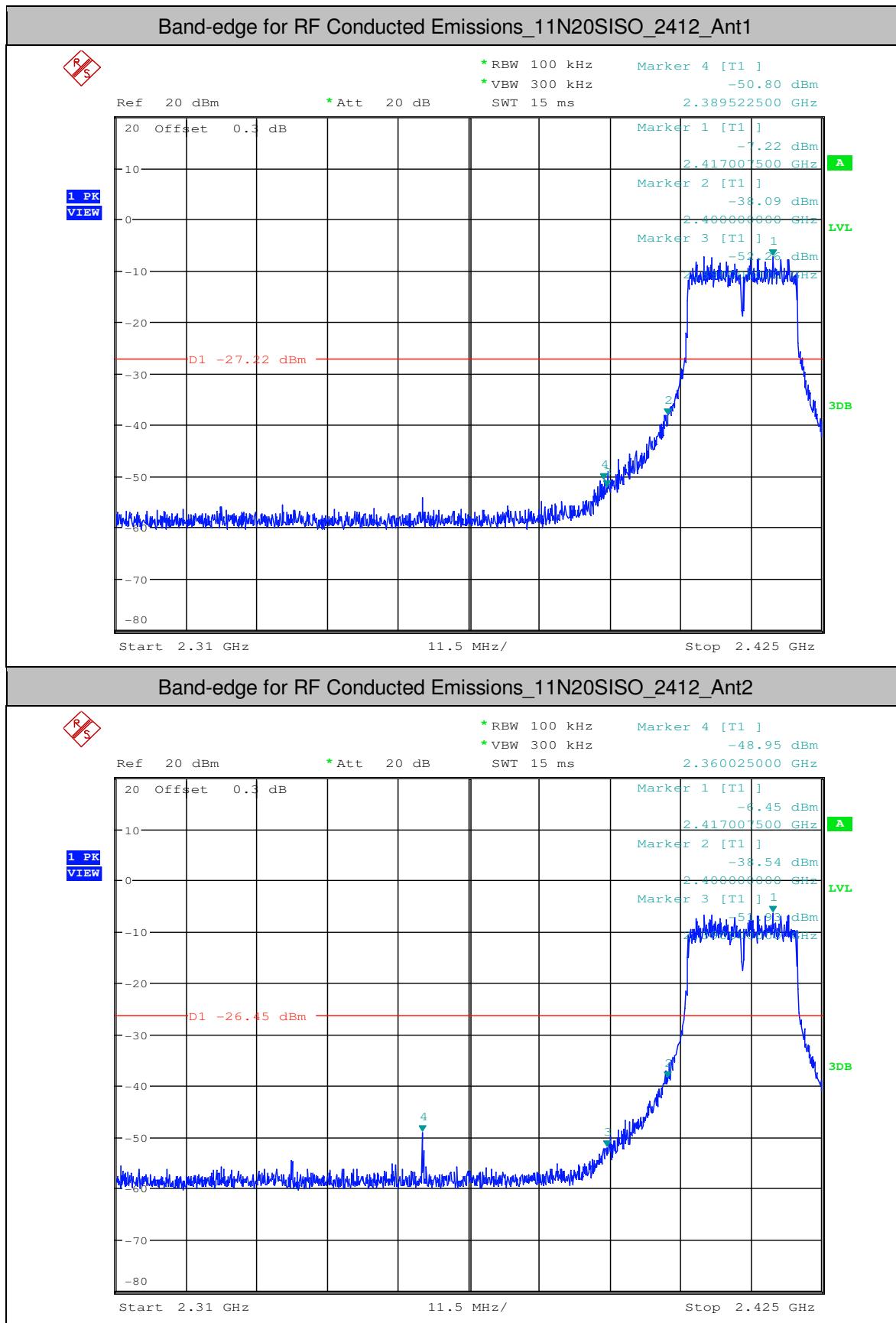


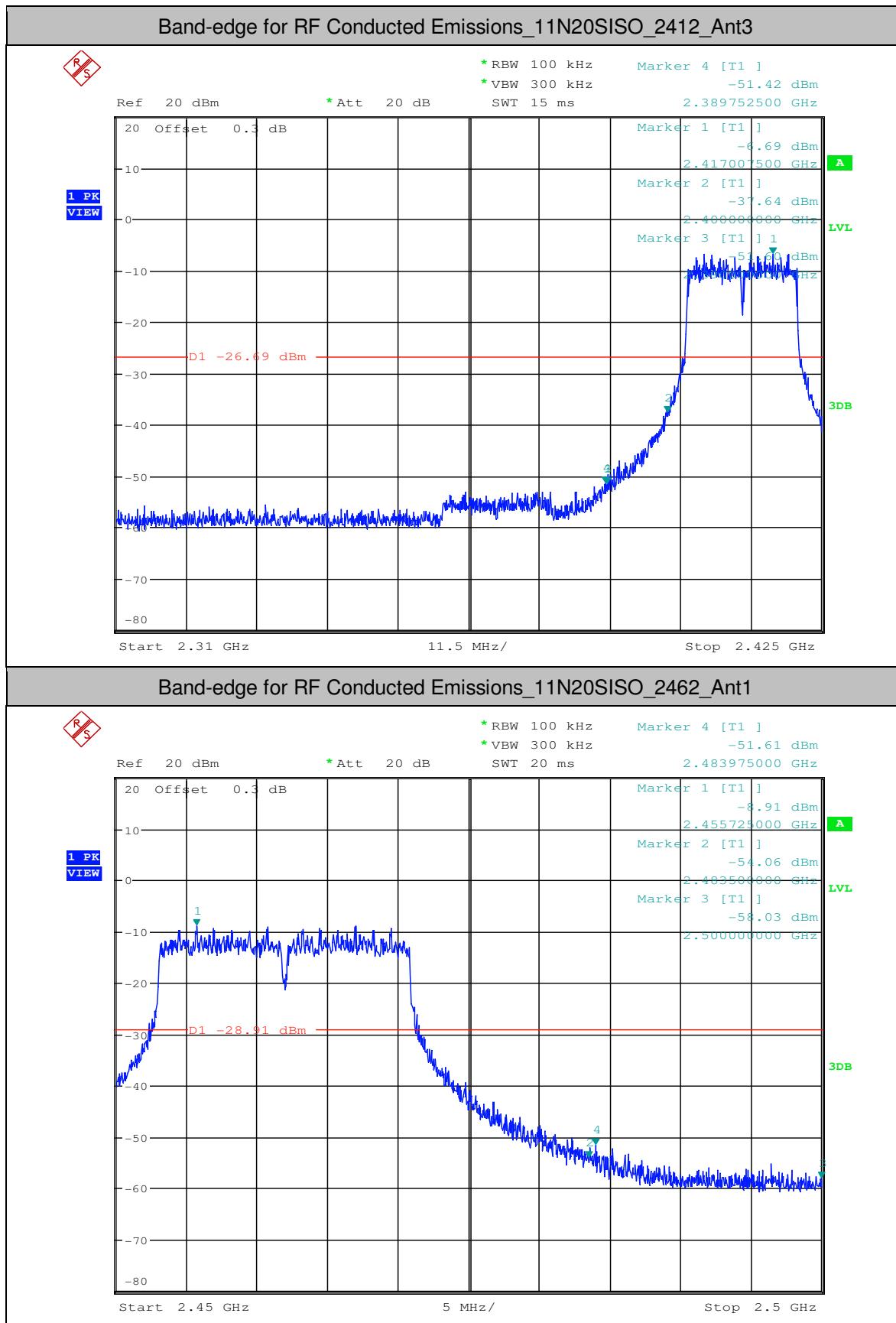


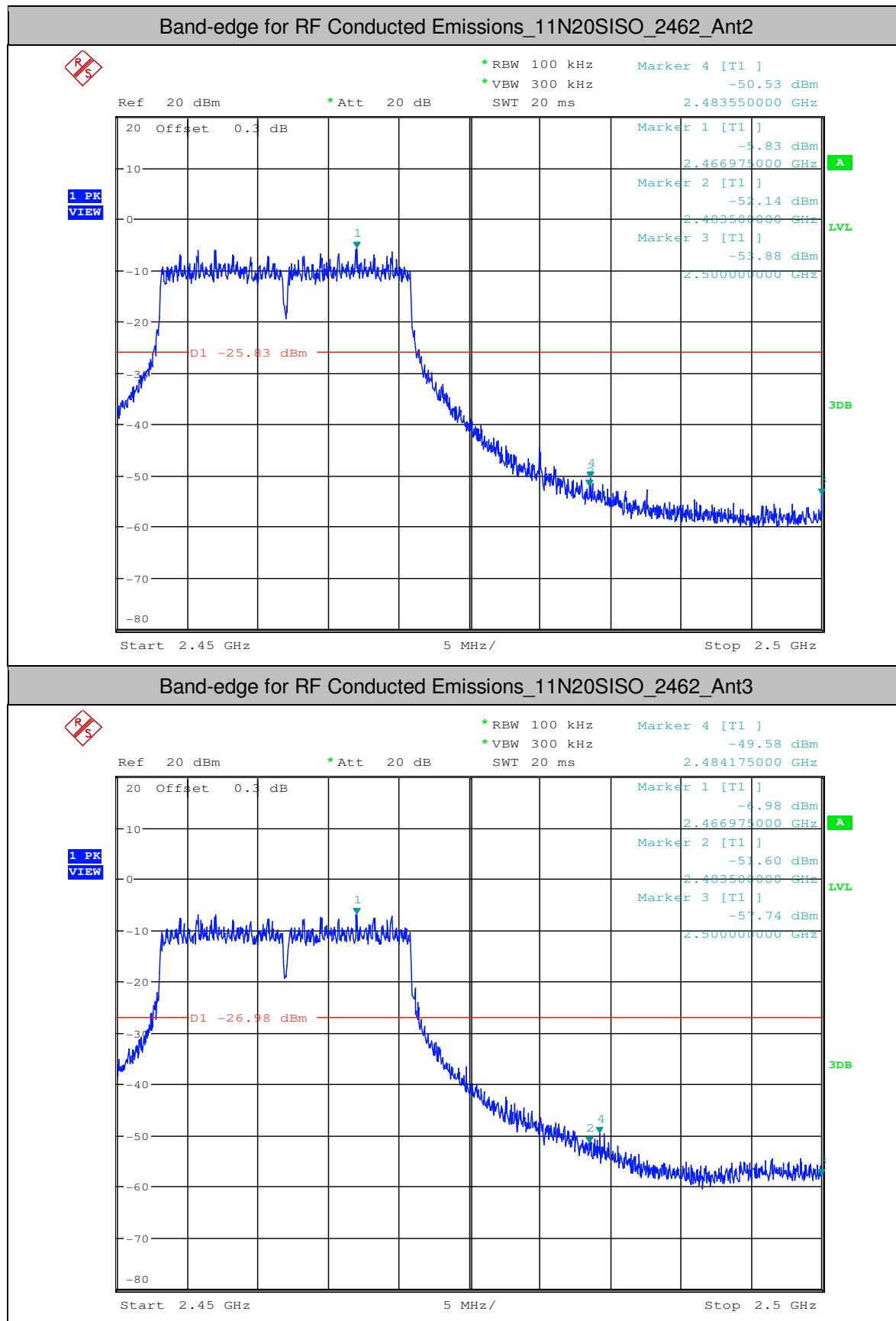


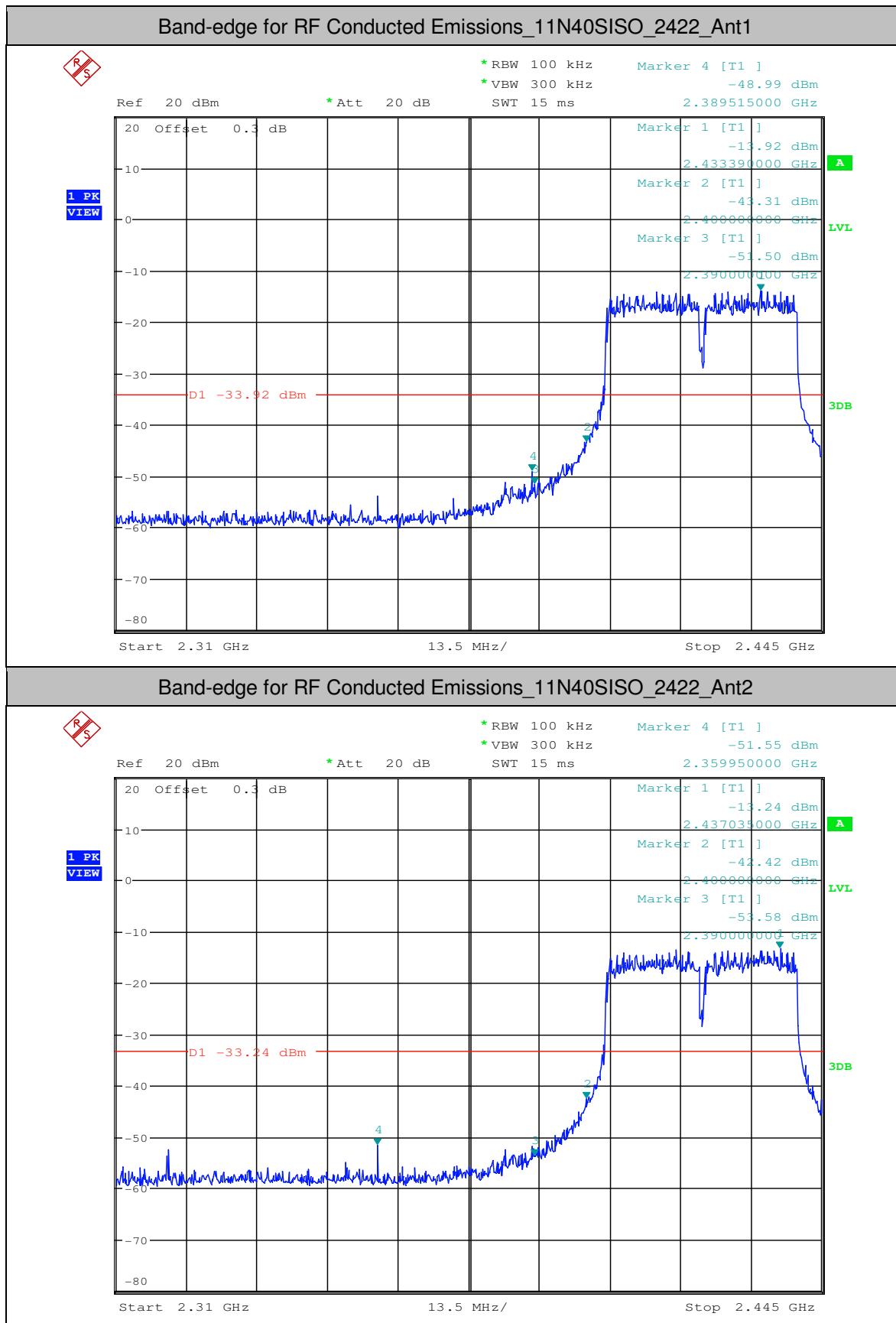


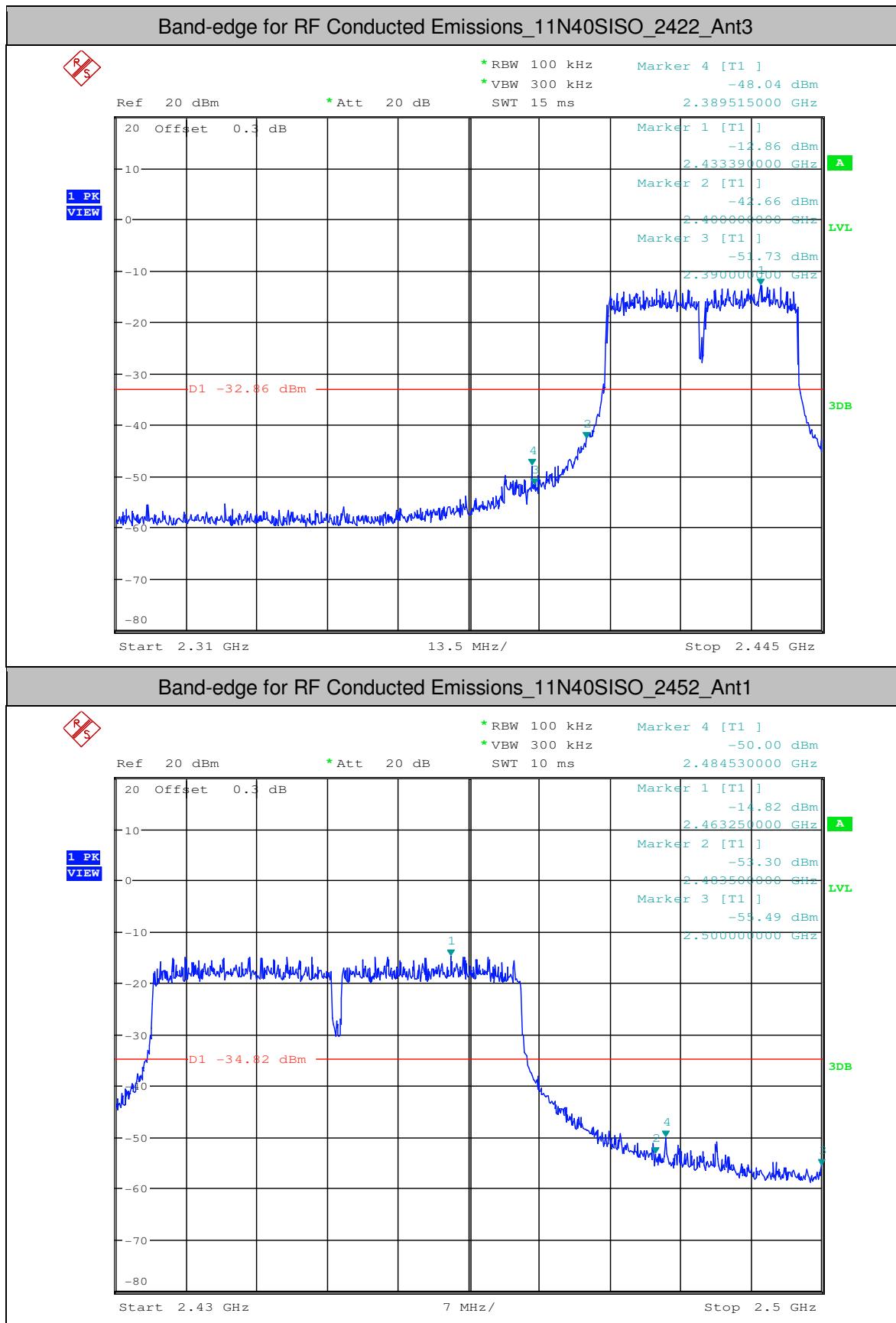


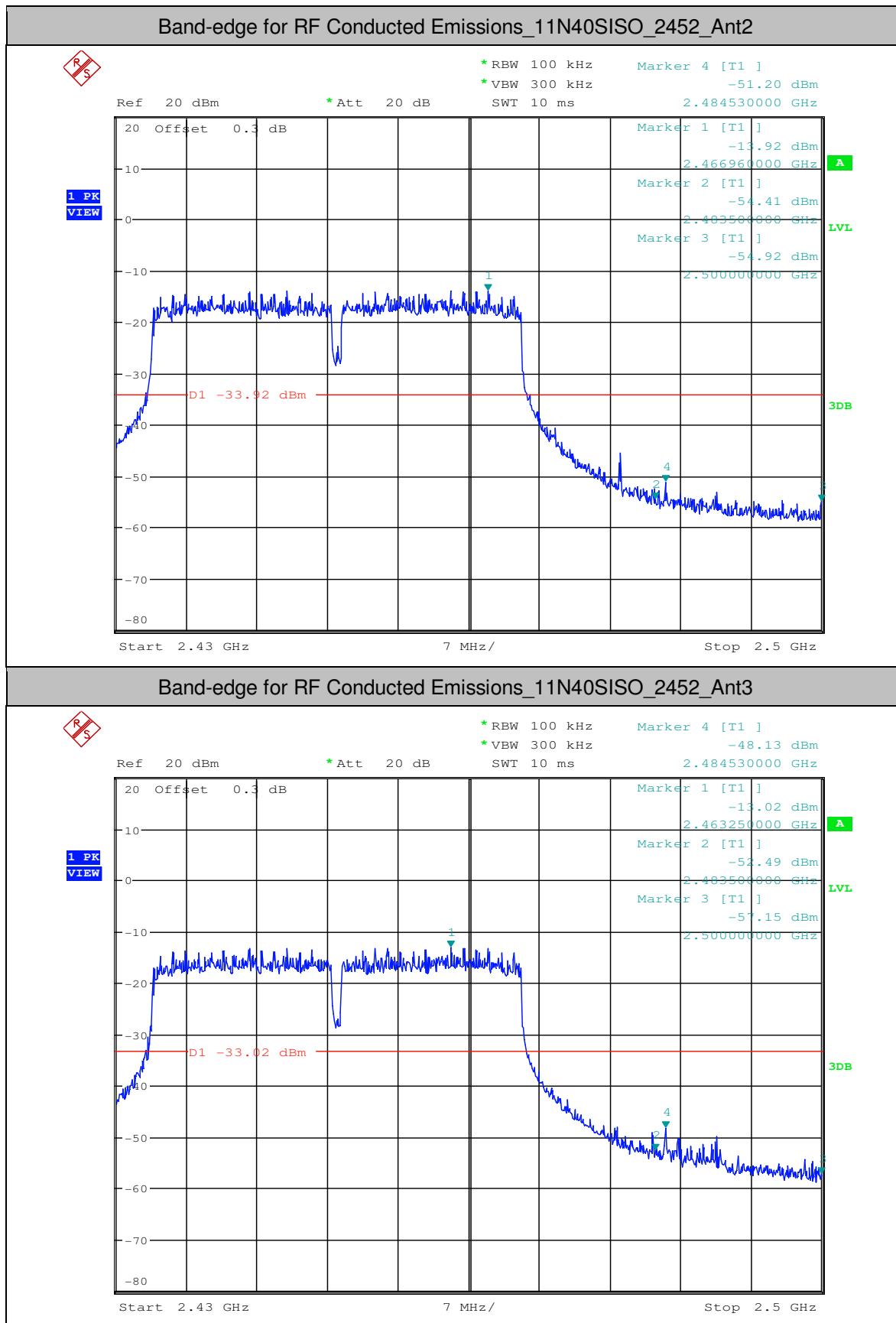












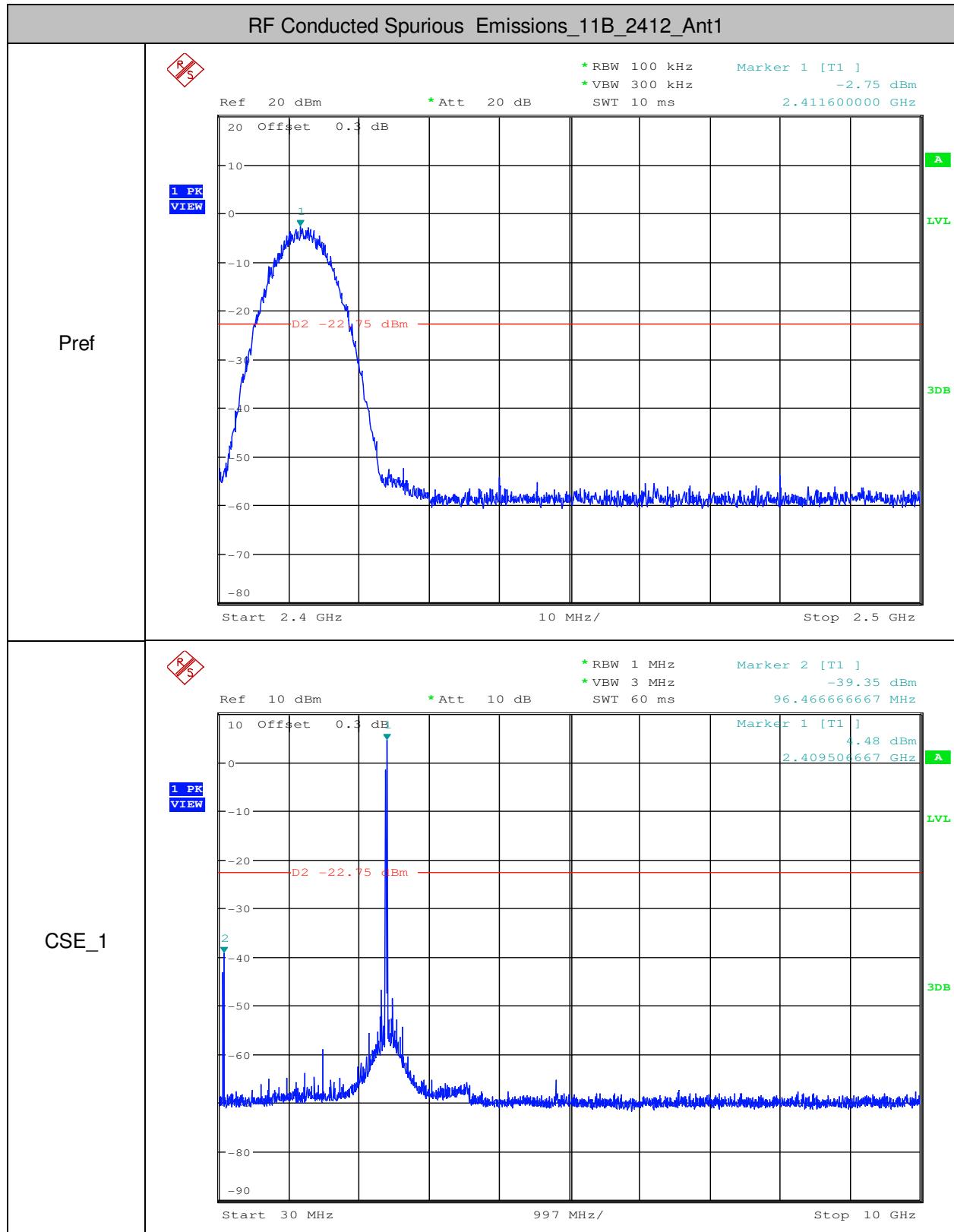
6.RF Conducted Spurious Emissions

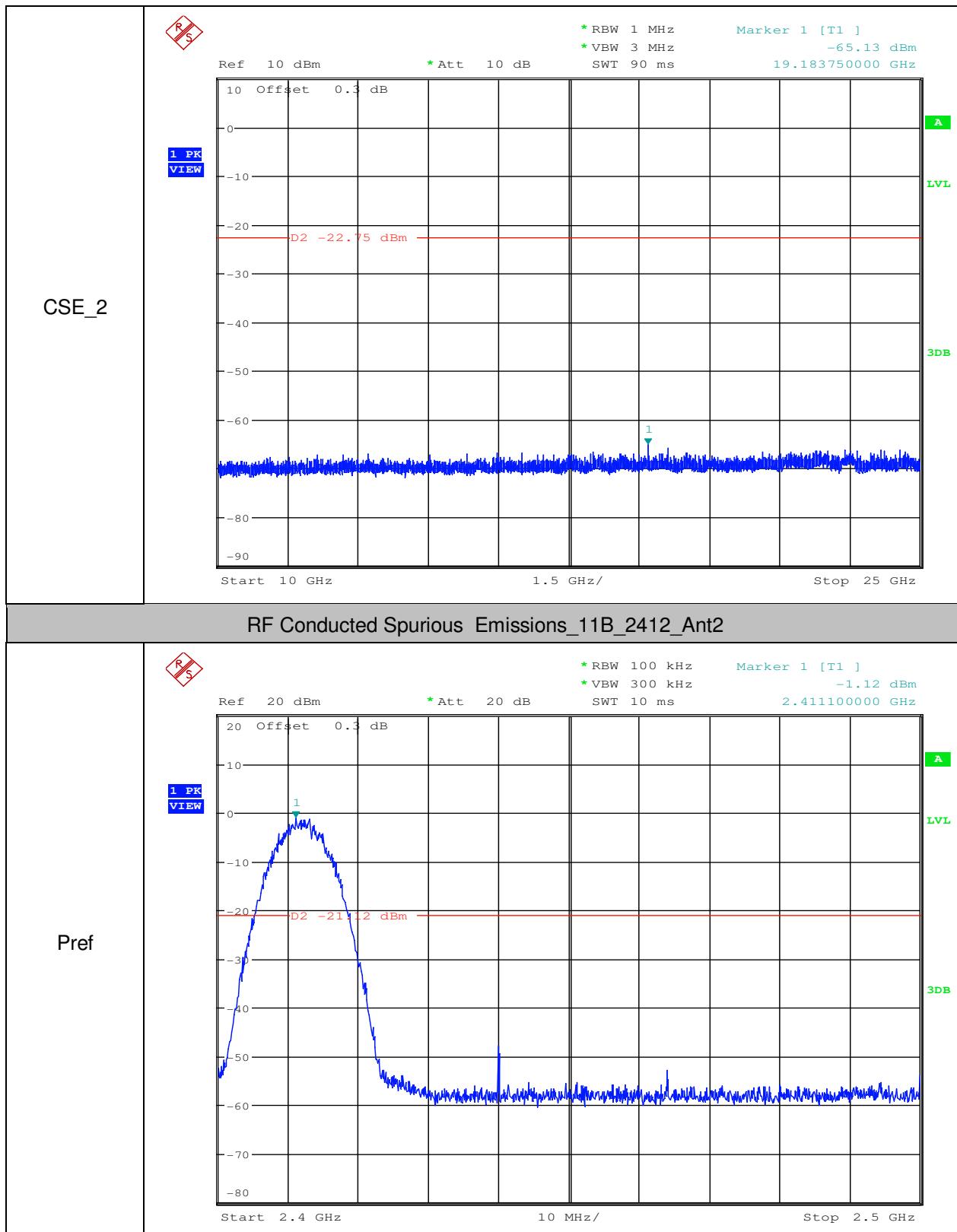
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	30	10000	1000	3000	-2.75	-39.350	<-22.75	PASS
11B	2412	10000	25000	1000	3000	-2.75	-65.130	<-22.75	PASS
11B	2412	30	10000	1000	3000	-1.12	-37.340	<-21.12	PASS
11B	2412	10000	25000	1000	3000	-1.12	-64.520	<-21.12	PASS
11B	2412	30	10000	1000	3000	-1.96	-37.500	<-21.96	PASS
11B	2412	10000	25000	1000	3000	-1.96	-65.920	<-21.96	PASS
11B	2437	30	10000	1000	3000	-3.76	-41.070	<-23.76	PASS
11B	2437	10000	25000	1000	3000	-3.76	-66.030	<-23.76	PASS
11B	2437	30	10000	1000	3000	-1.93	-36.750	<-21.93	PASS
11B	2437	10000	25000	1000	3000	-1.93	-65.580	<-21.93	PASS
11B	2437	30	10000	1000	3000	-1.85	-37.590	<-21.85	PASS
11B	2437	10000	25000	1000	3000	-1.85	-65.120	<-21.85	PASS
11B	2462	30	10000	1000	3000	-4.4	-43.850	<-24.4	PASS
11B	2462	10000	25000	1000	3000	-4.4	-65.420	<-24.4	PASS
11B	2462	30	10000	1000	3000	-1.49	-36.790	<-21.49	PASS
11B	2462	10000	25000	1000	3000	-1.49	-65.370	<-21.49	PASS
11B	2462	30	10000	1000	3000	-2.13	-38.440	<-22.13	PASS
11B	2462	10000	25000	1000	3000	-2.13	-65.660	<-22.13	PASS
11G	2412	30	10000	1000	3000	-7.02	-41.940	<-27.02	PASS
11G	2412	10000	25000	1000	3000	-7.02	-65.620	<-27.02	PASS

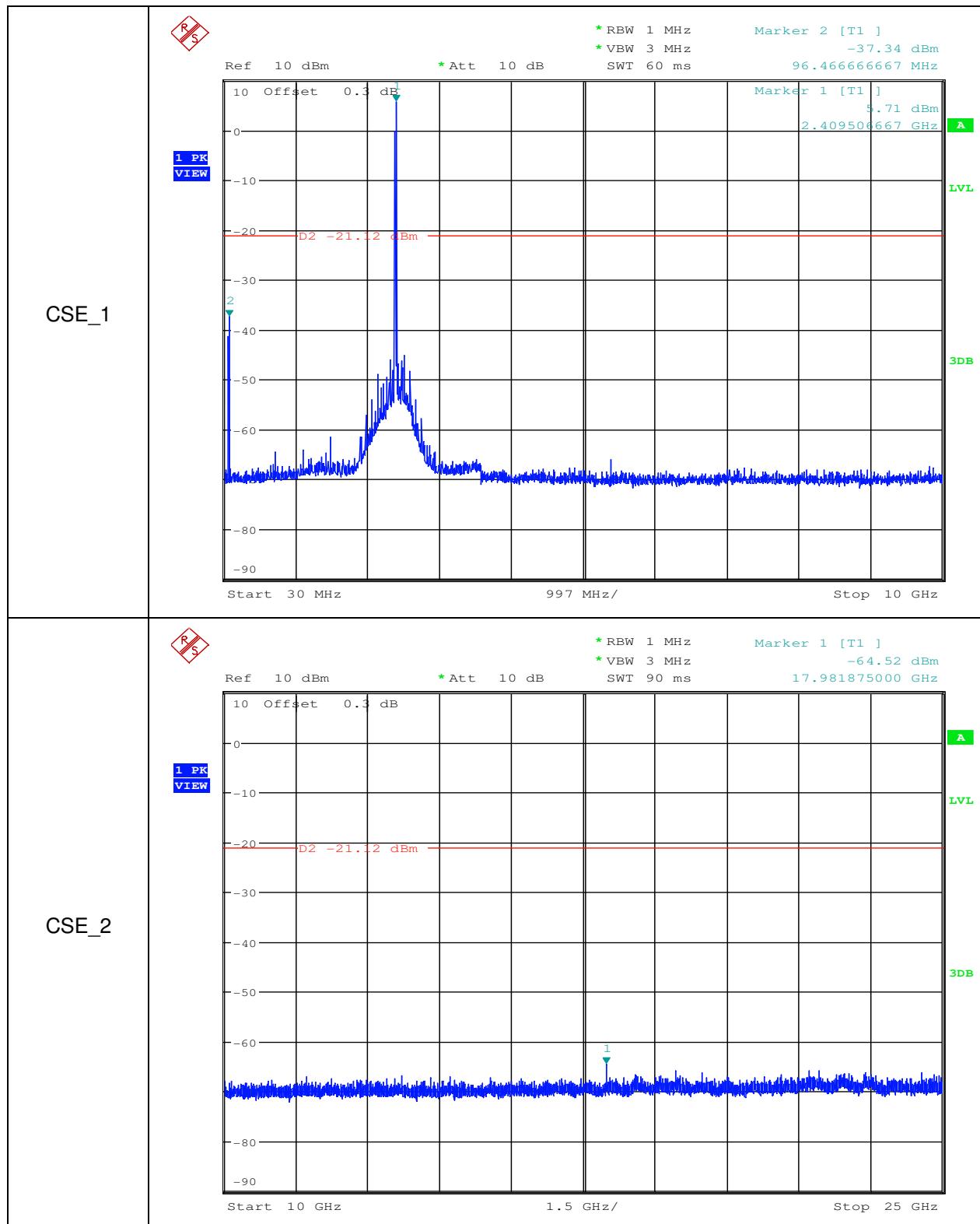
11G	2412	30	10000	1000	3000	-5.44	-39.510	<- 25.44	PASS
11G	2412	10000	25000	1000	3000	-5.44	-65.930	<- 25.44	PASS
11G	2412	30	10000	1000	3000	-5.75	-38.980	<- 25.75	PASS
11G	2412	10000	25000	1000	3000	-5.75	-65.160	<- 25.75	PASS
11G	2437	30	10000	1000	3000	-7.77	-44.320	<- 27.77	PASS
11G	2437	10000	25000	1000	3000	-7.77	-64.740	<- 27.77	PASS
11G	2437	30	10000	1000	3000	-5.65	-40.350	<- 25.65	PASS
11G	2437	10000	25000	1000	3000	-5.65	-65.740	<- 25.65	PASS
11G	2437	30	10000	1000	3000	-5.68	-39.070	<- 25.68	PASS
11G	2437	10000	25000	1000	3000	-5.68	-65.910	<- 25.68	PASS
11G	2462	30	10000	1000	3000	-8.68	-47.060	<- 28.68	PASS
11G	2462	10000	25000	1000	3000	-8.68	-65.570	<- 28.68	PASS
11G	2462	30	10000	1000	3000	-5.39	-36.070	<- 25.39	PASS
11G	2462	10000	25000	1000	3000	-5.39	-65.670	<- 25.39	PASS
11G	2462	30	10000	1000	3000	-5.95	-39.190	<- 25.95	PASS
11G	2462	10000	25000	1000	3000	-5.95	-65.250	<- 25.95	PASS
11N20SISO	2412	30	10000	1000	3000	-7.38	-42.890	<- 27.38	PASS
11N20SISO	2412	10000	25000	1000	3000	-7.38	-65.690	<- 27.38	PASS
11N20SISO	2412	30	10000	1000	3000	-6.58	-41.960	<- 26.58	PASS
11N20SISO	2412	10000	25000	1000	3000	-6.58	-65.950	<- 26.58	PASS
11N20SISO	2412	30	10000	1000	3000	-6.75	-41.580	<- 26.75	PASS

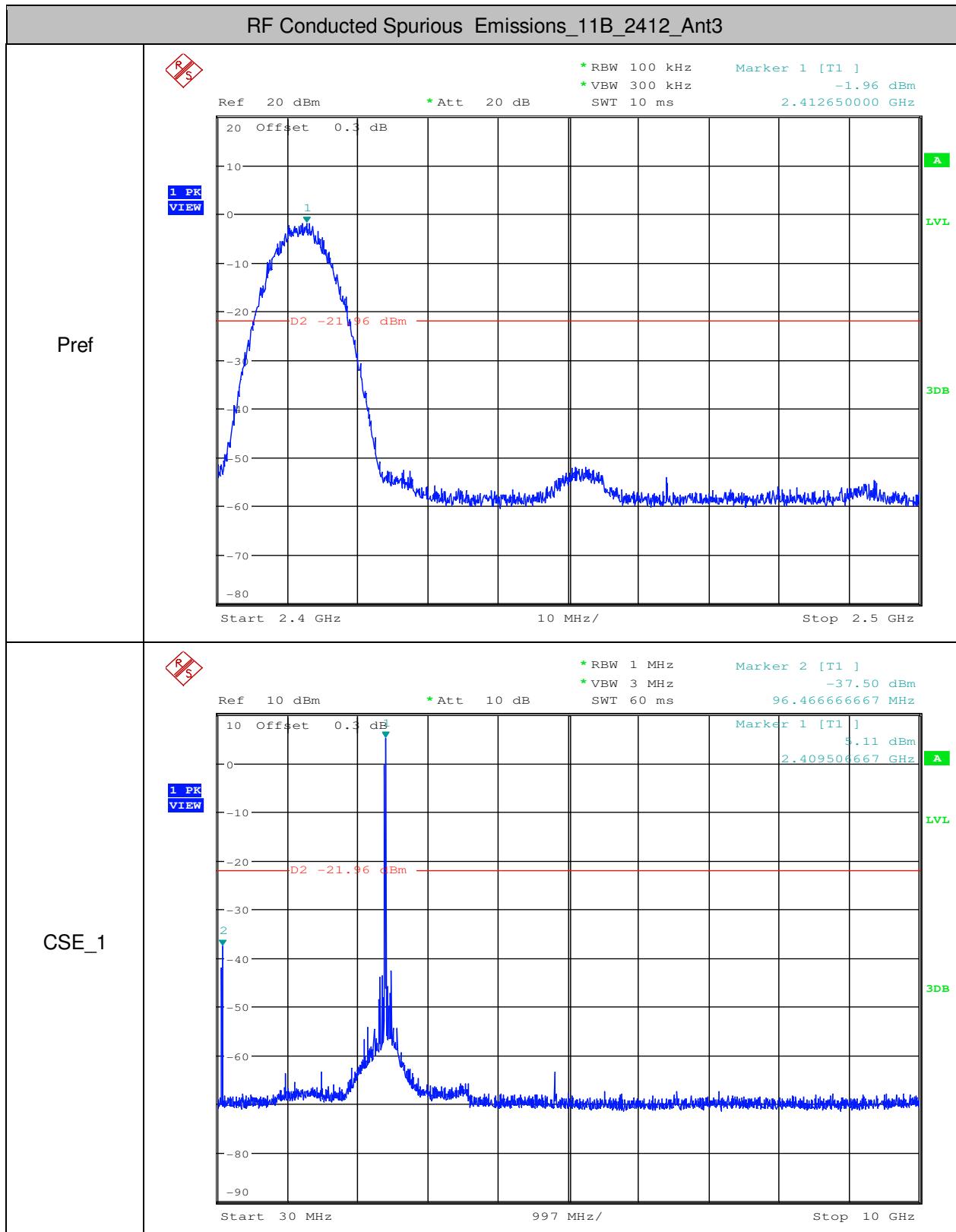
11N20SISO	2412	10000	25000	1000	3000	-6.75	-65.840	<- 26.75	PASS
11N20SISO	2437	30	10000	1000	3000	-8.11	-45.930	<- 28.11	PASS
11N20SISO	2437	10000	25000	1000	3000	-8.11	-65.920	<- 28.11	PASS
11N20SISO	2437	30	10000	1000	3000	-9.4	-43.710	<-29.4	PASS
11N20SISO	2437	10000	25000	1000	3000	-9.4	-65.760	<-29.4	PASS
11N20SISO	2437	30	10000	1000	3000	-7.02	-42.300	<- 27.02	PASS
11N20SISO	2437	10000	25000	1000	3000	-7.02	-65.670	<- 27.02	PASS
11N20SISO	2462	30	10000	1000	3000	-8.73	-45.850	<- 28.73	PASS
11N20SISO	2462	10000	25000	1000	3000	-8.73	-64.620	<- 28.73	PASS
11N20SISO	2462	30	10000	1000	3000	-6.02	-41.490	<- 26.02	PASS
11N20SISO	2462	10000	25000	1000	3000	-6.02	-65.670	<- 26.02	PASS
11N20SISO	2462	30	10000	1000	3000	-7.23	-41.500	<- 27.23	PASS
11N20SISO	2462	10000	25000	1000	3000	-7.23	-66.130	<- 27.23	PASS
11N40SISO	2422	30	10000	1000	3000	-13.84	-50.370	<- 33.84	PASS
11N40SISO	2422	10000	25000	1000	3000	-13.84	-66.030	<- 33.84	PASS
11N40SISO	2422	30	10000	1000	3000	-13.27	-47.030	<- 33.27	PASS
11N40SISO	2422	10000	25000	1000	3000	-13.27	-65.760	<- 33.27	PASS
11N40SISO	2422	30	10000	1000	3000	-12.96	-48.810	<- 32.96	PASS
11N40SISO	2422	10000	25000	1000	3000	-12.96	-65.530	<- 32.96	PASS
11N40SISO	2437	30	10000	1000	3000	-14.2	-50.870	<-34.2	PASS
11N40SISO	2437	10000	25000	1000	3000	-14.2	-65.490	<-34.2	PASS
11N40SISO	2437	30	10000	1000	3000	-13.87	-46.740	<- 33.87	PASS
11N40SISO	2437	10000	25000	1000	3000	-13.87	-65.610	<- 33.87	PASS

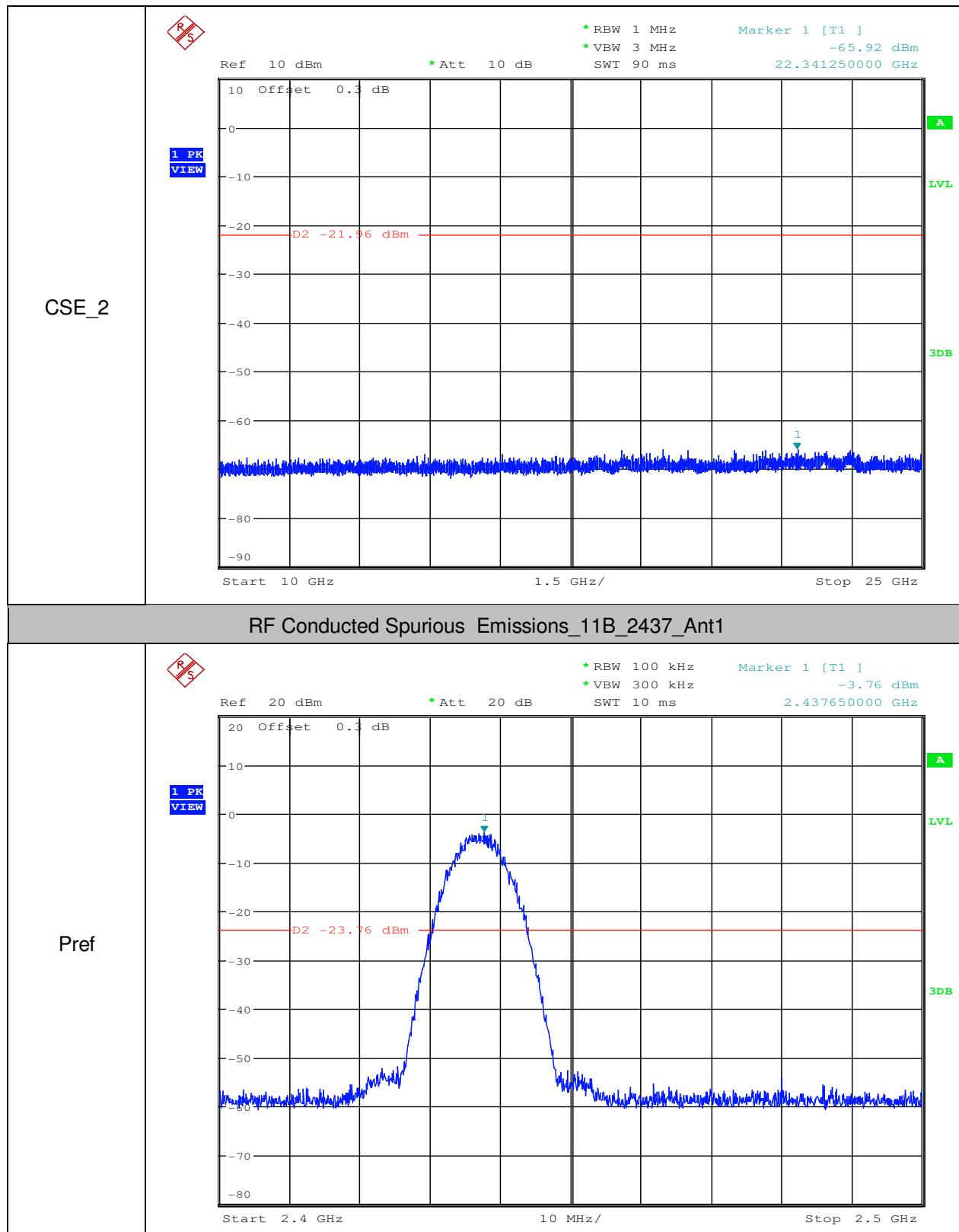
11N40SISO	2437	30	10000	1000	3000	-13.04	-50.690	<-33.04	PASS
11N40SISO	2437	10000	25000	1000	3000	-13.04	-65.870	<-33.04	PASS
11N40SISO	2452	30	10000	1000	3000	-14.7	-52.220	<-34.7	PASS
11N40SISO	2452	10000	25000	1000	3000	-14.7	-65.650	<-34.7	PASS
11N40SISO	2452	30	10000	1000	3000	-13.83	-46.950	<-33.83	PASS
11N40SISO	2452	10000	25000	1000	3000	-13.83	-65.710	<-33.83	PASS
11N40SISO	2452	30	10000	1000	3000	-12.89	-48.560	<-32.89	PASS
11N40SISO	2452	10000	25000	1000	3000	-12.89	-65.590	<-32.89	PASS

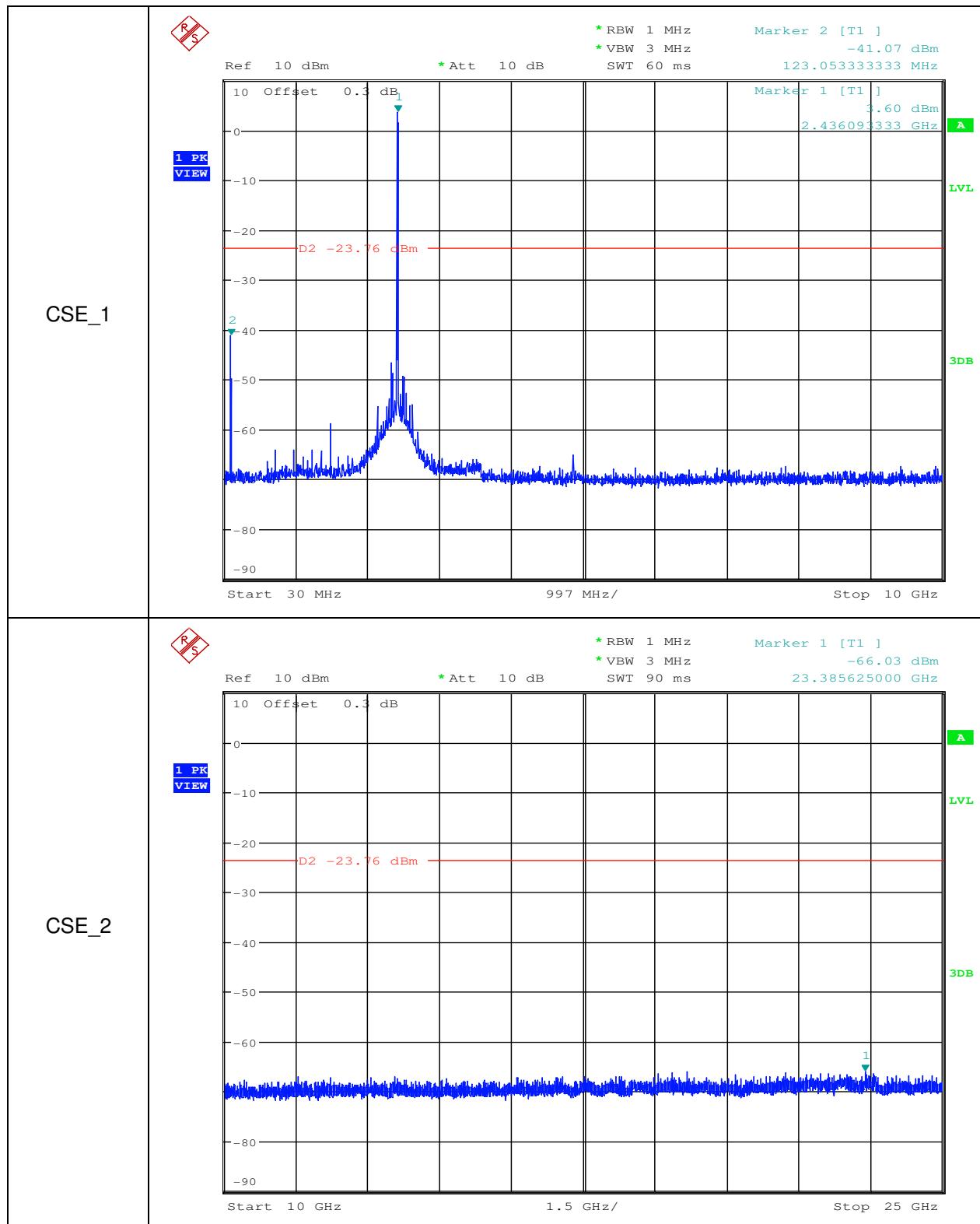


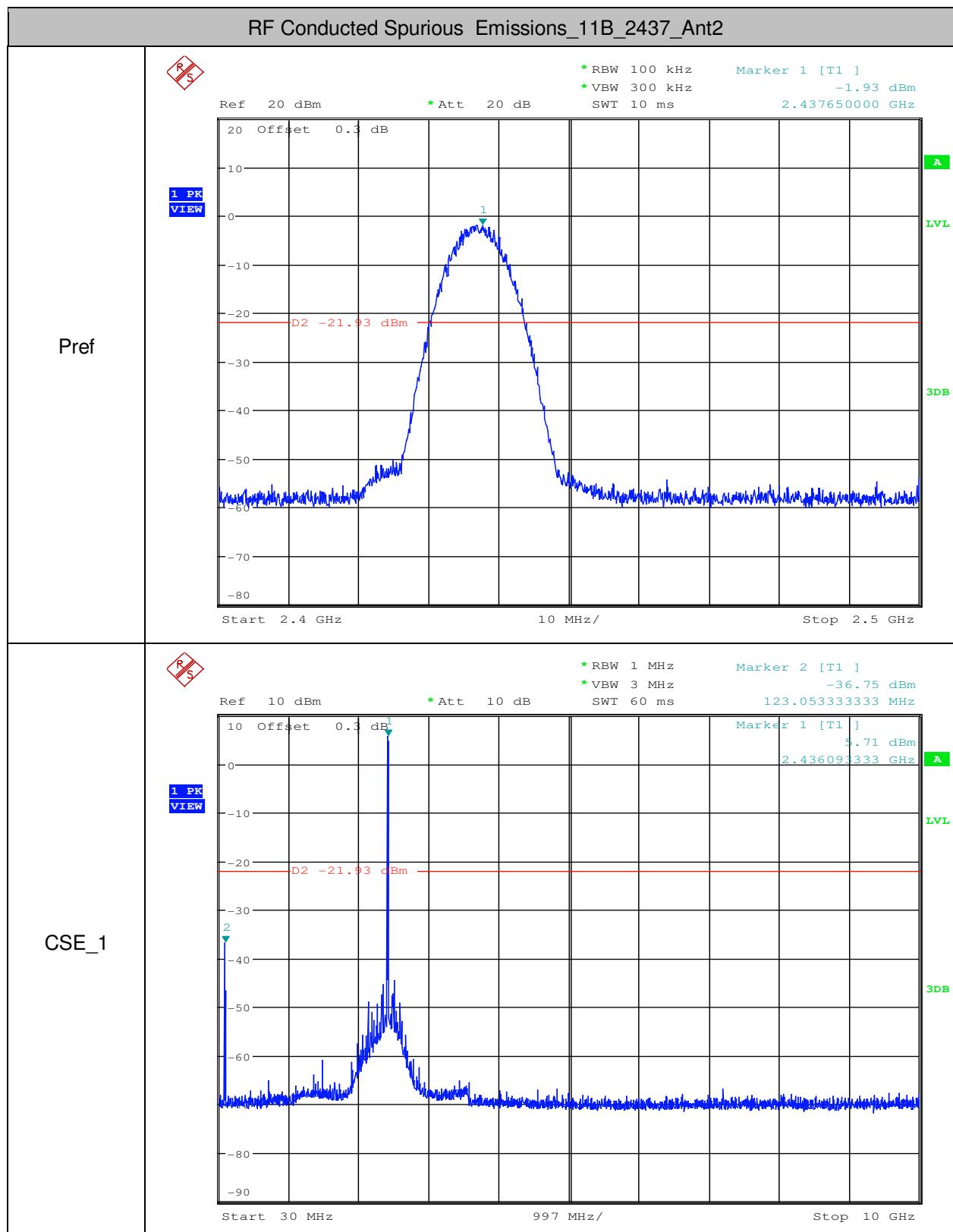


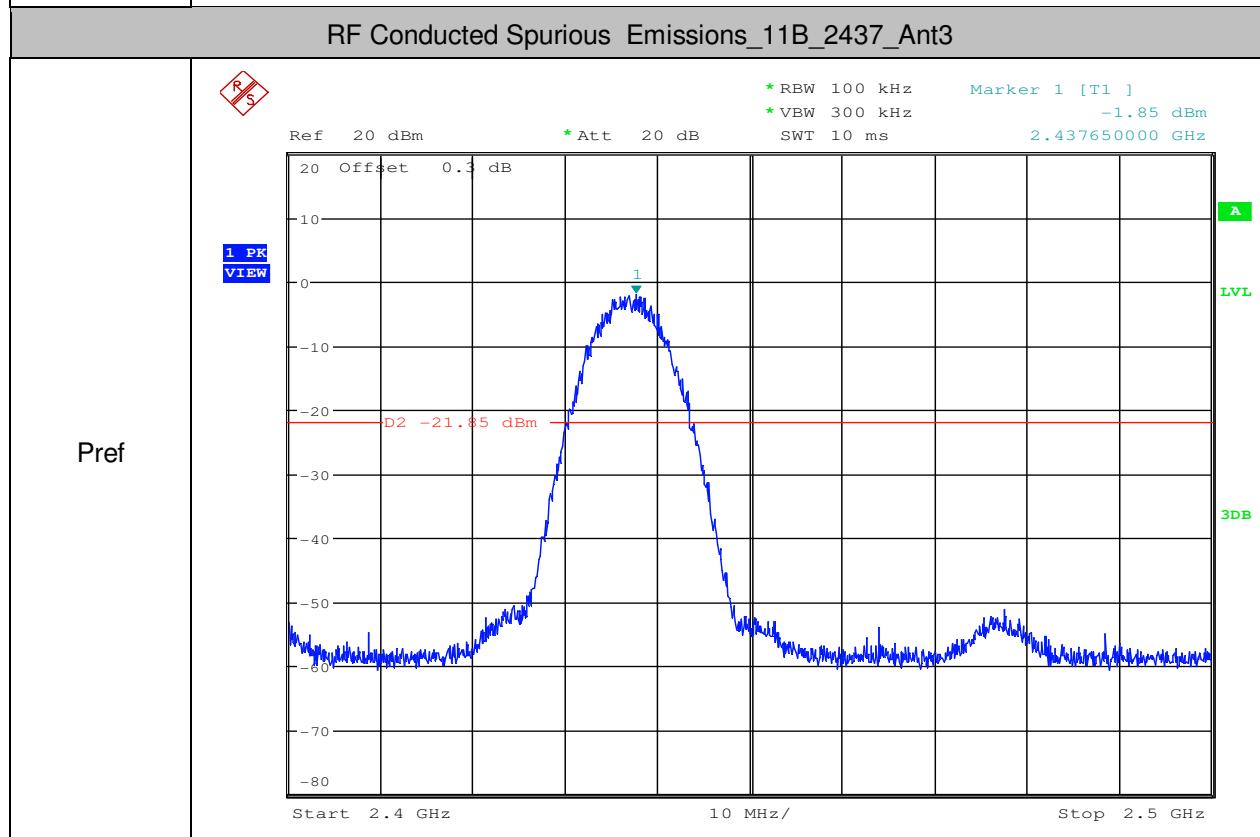
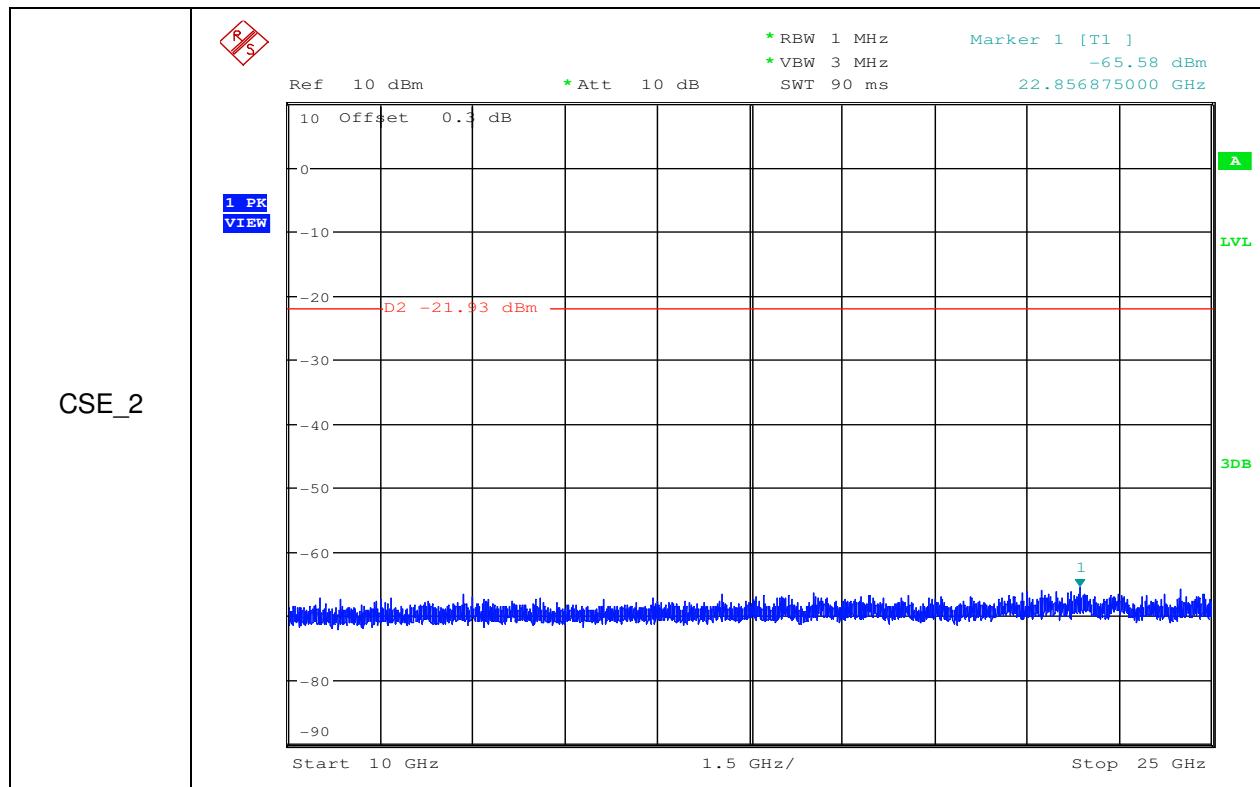


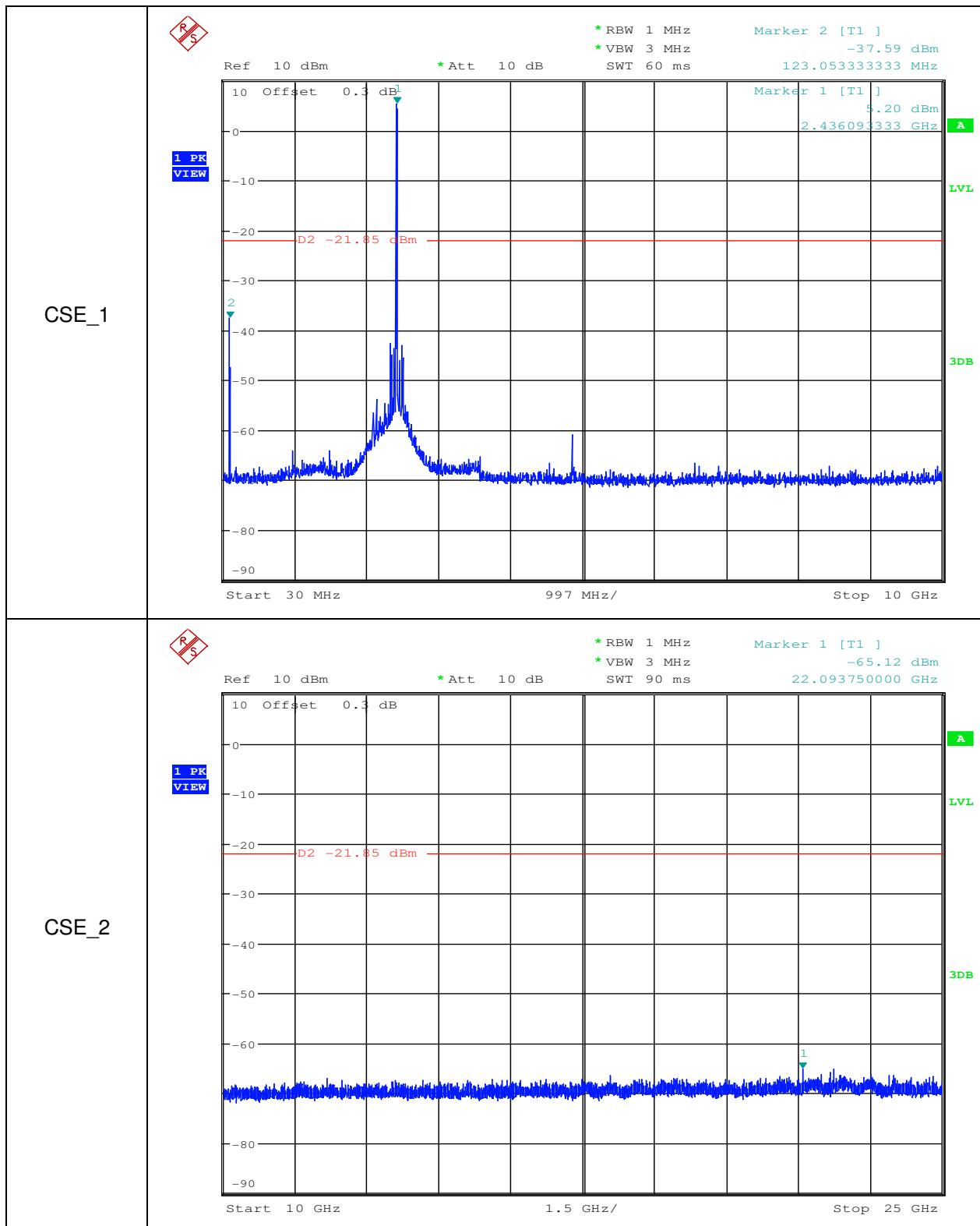


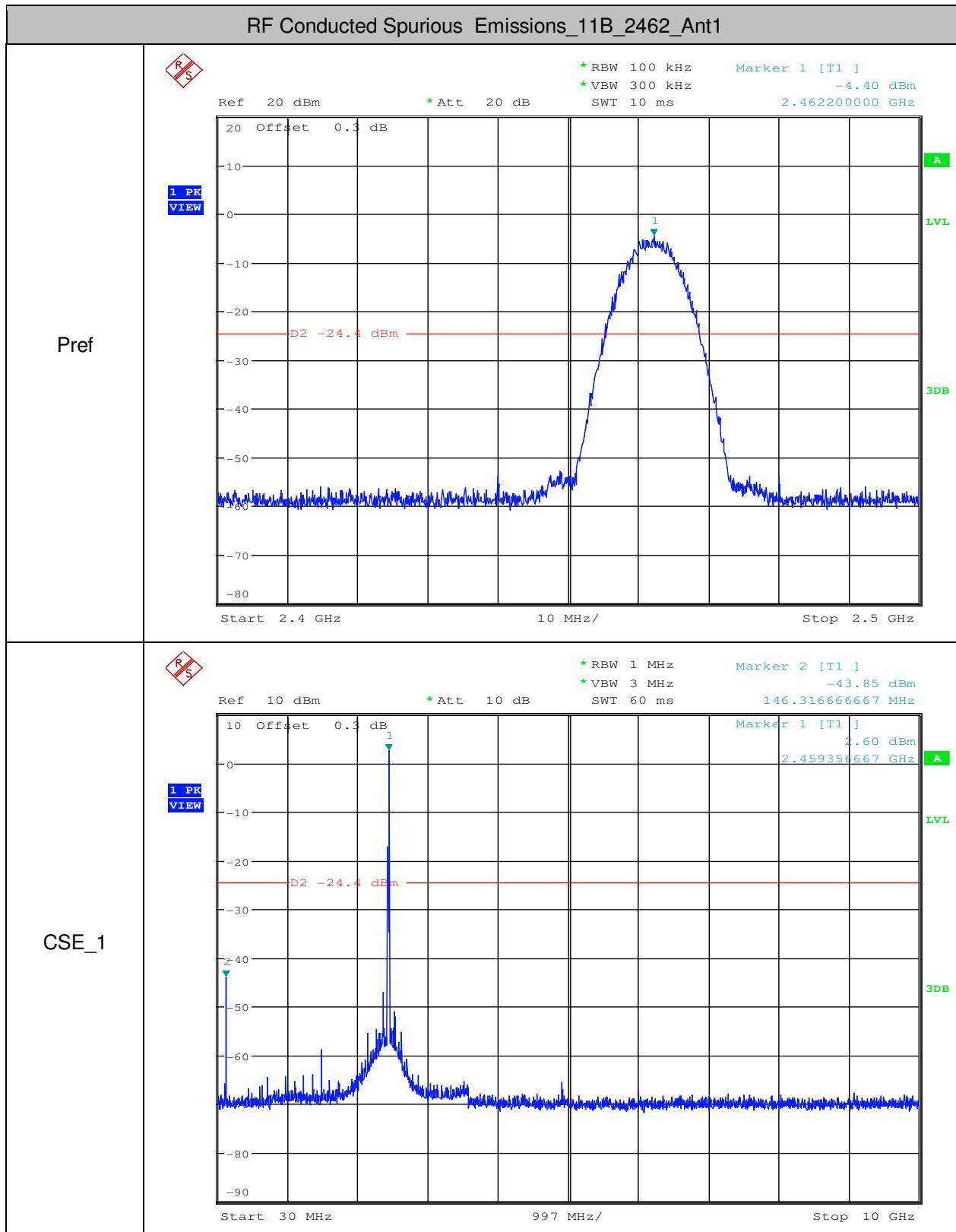


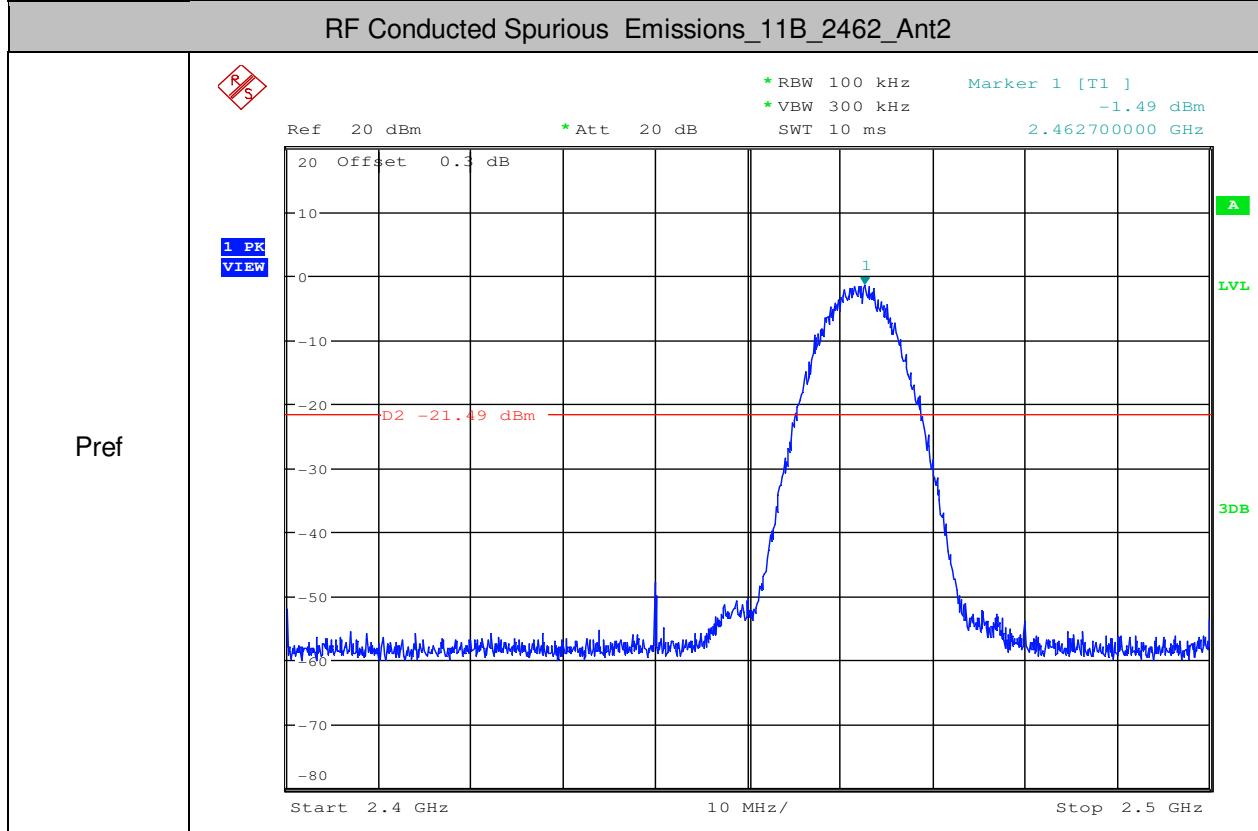
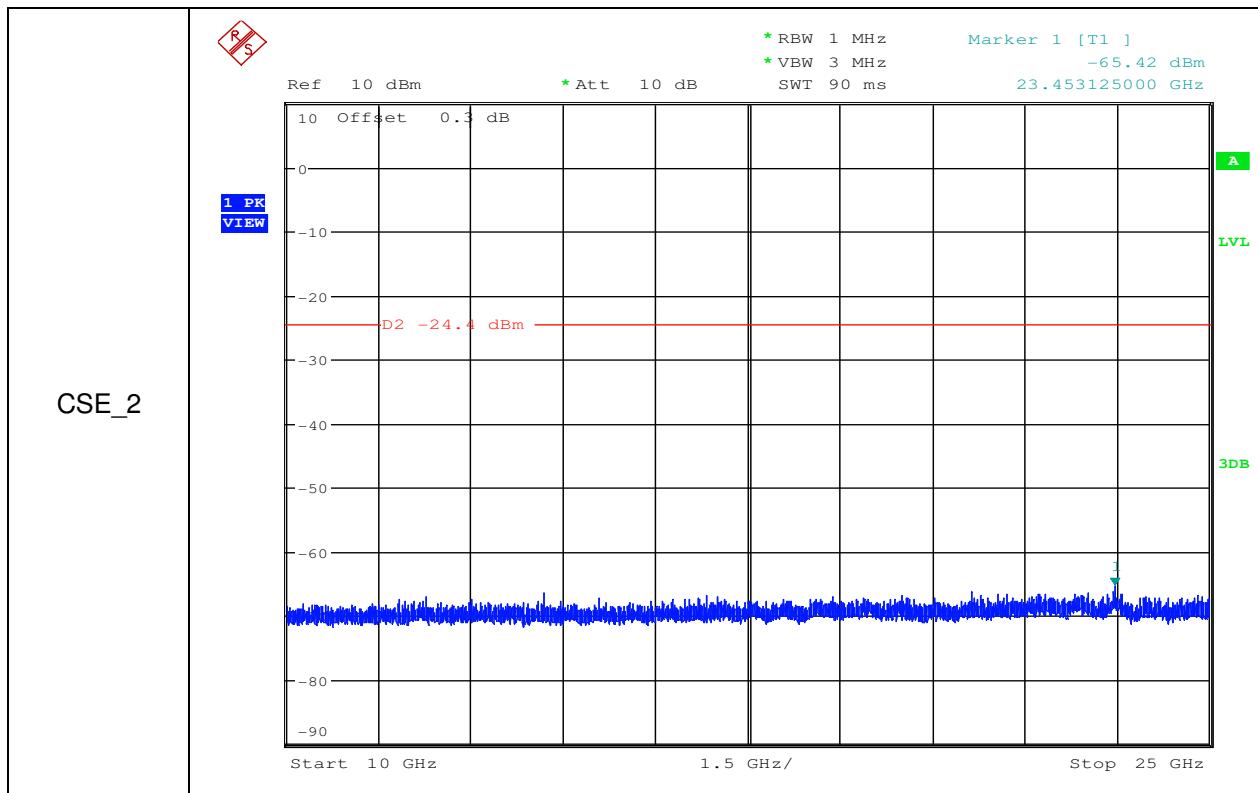


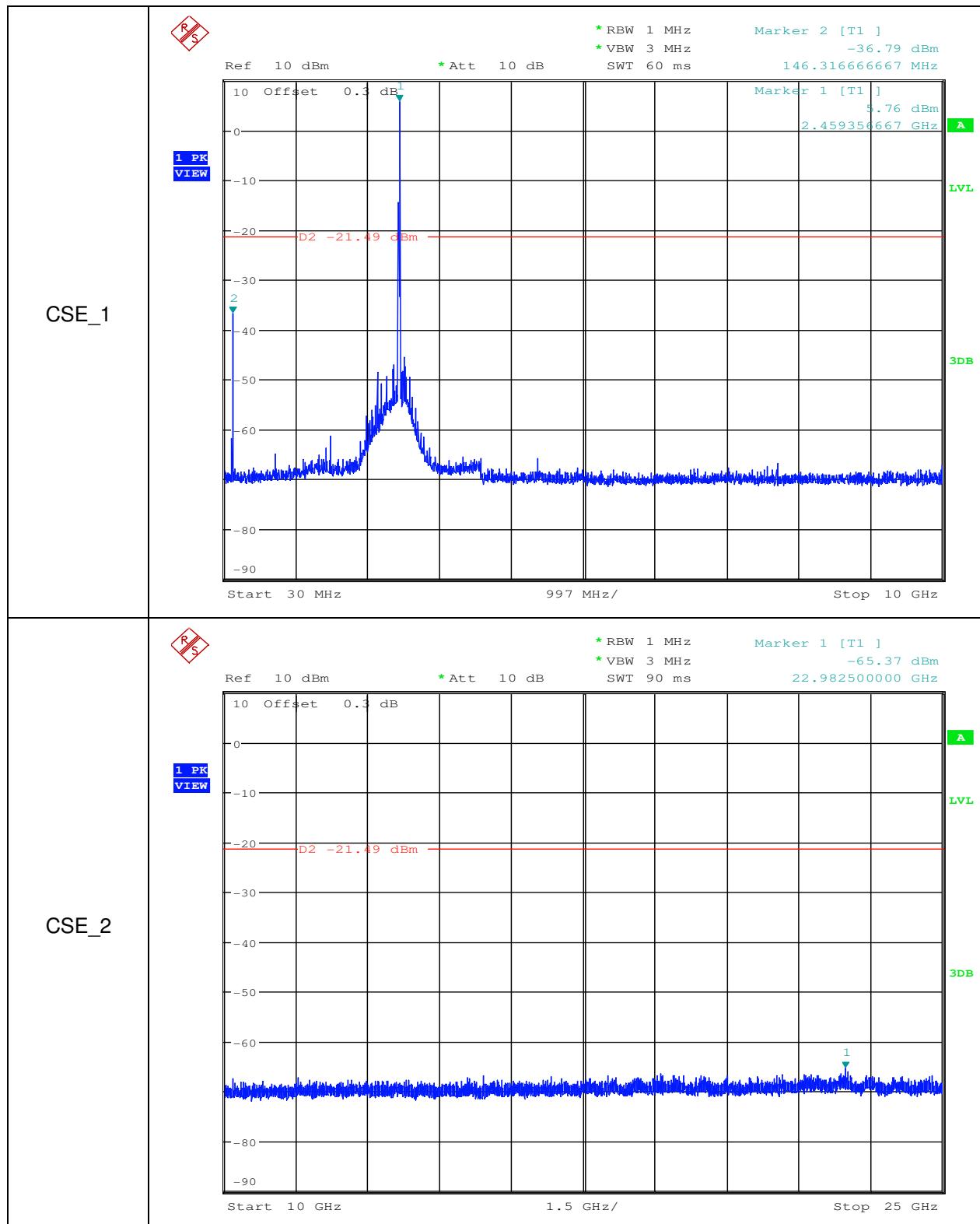


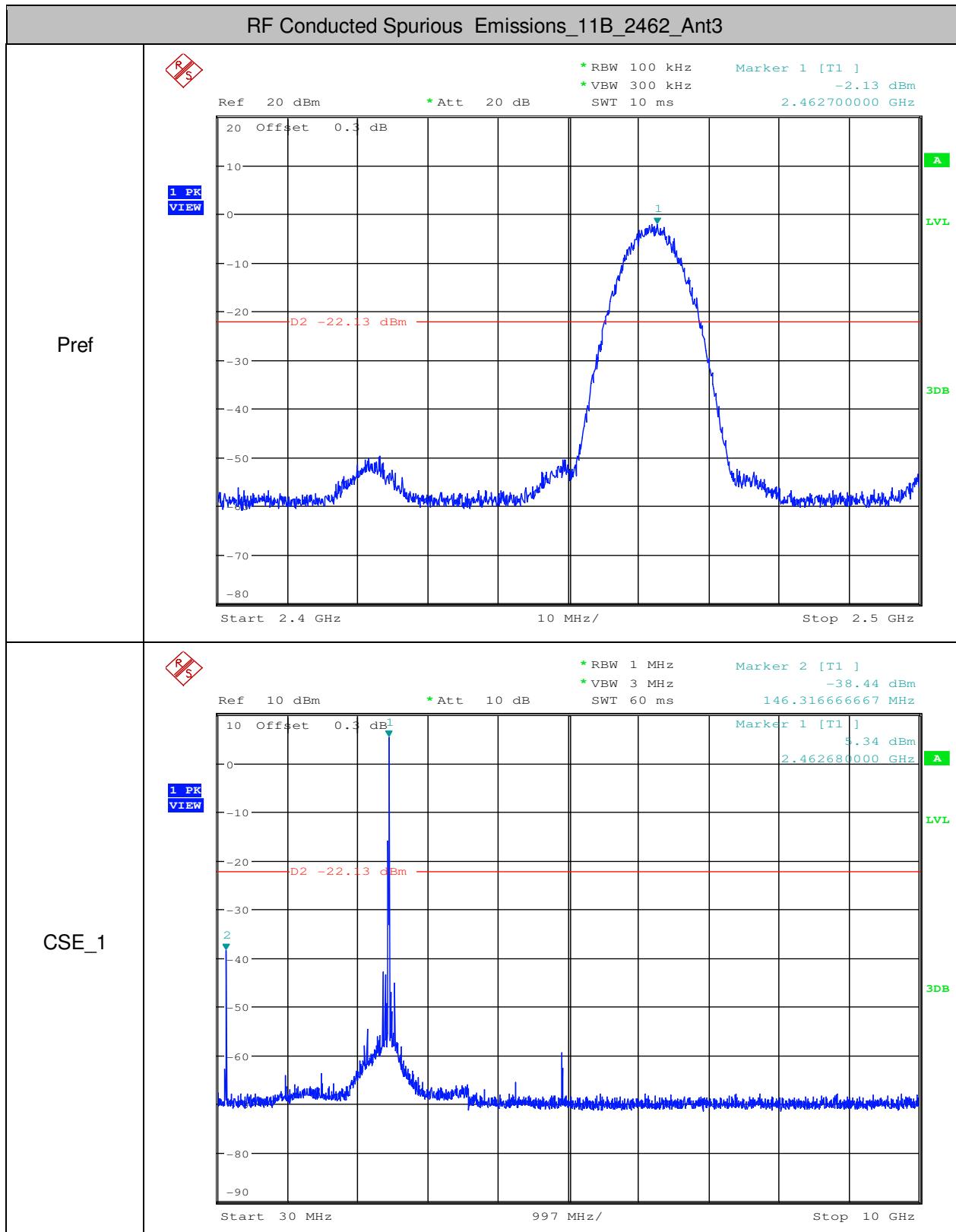


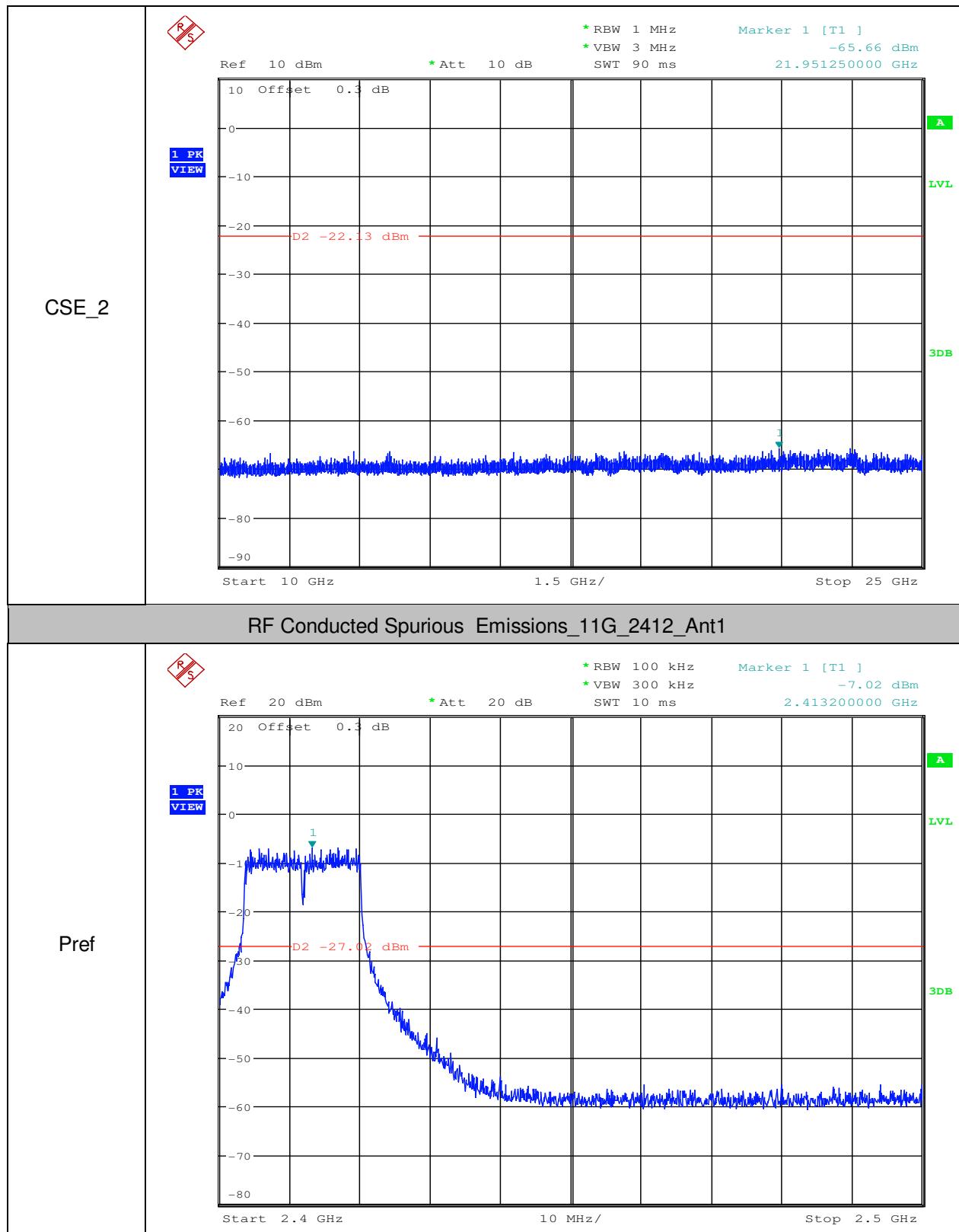


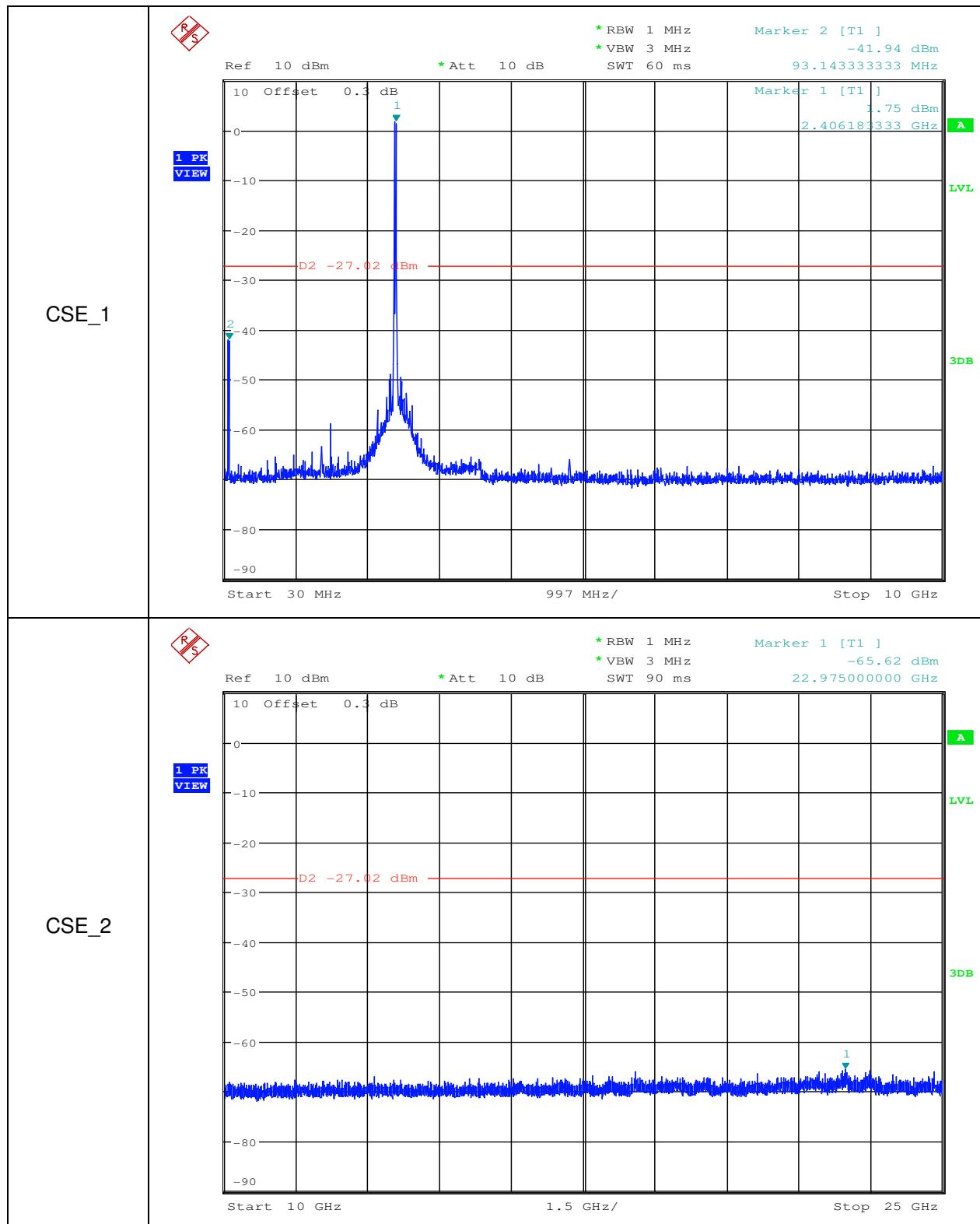


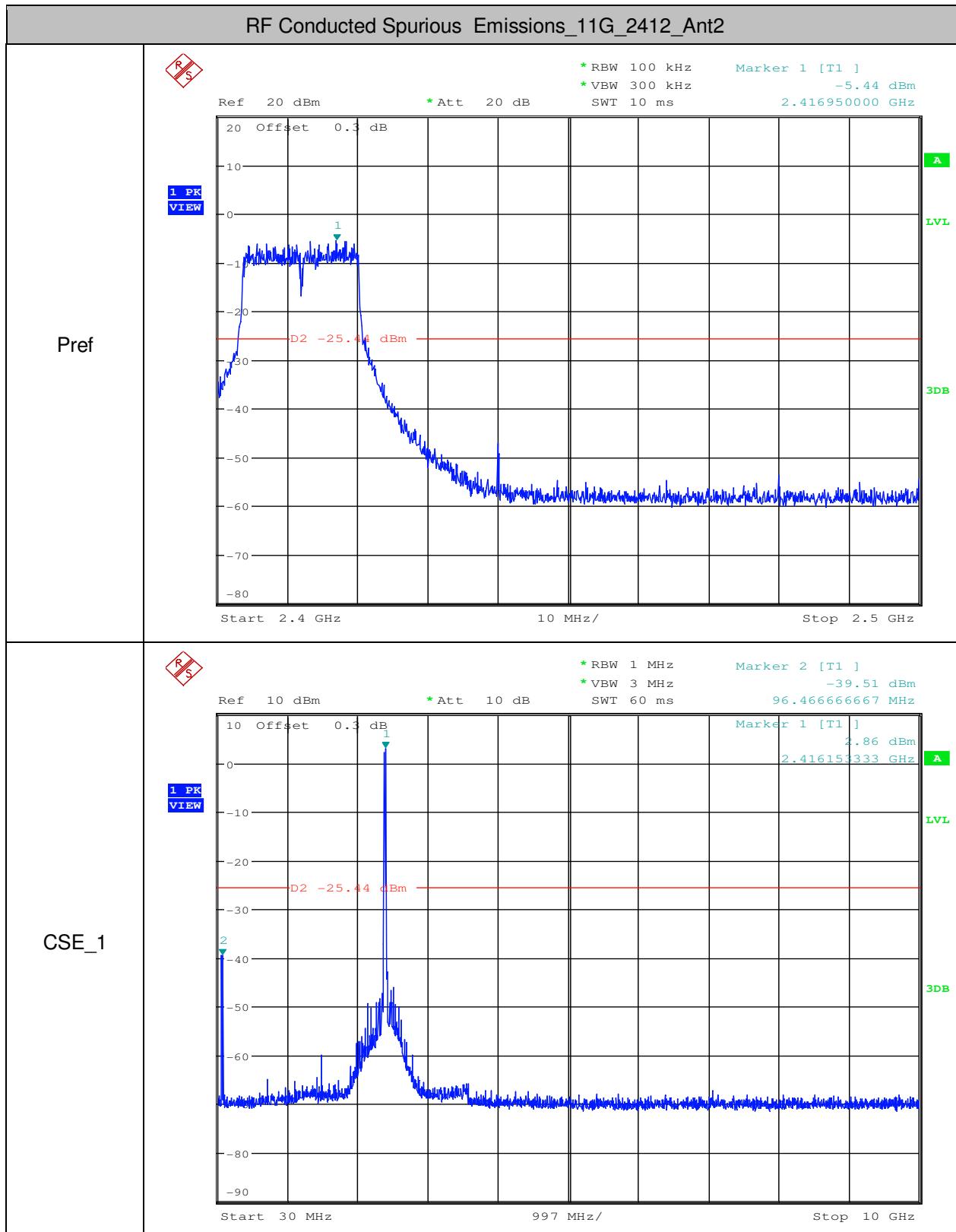


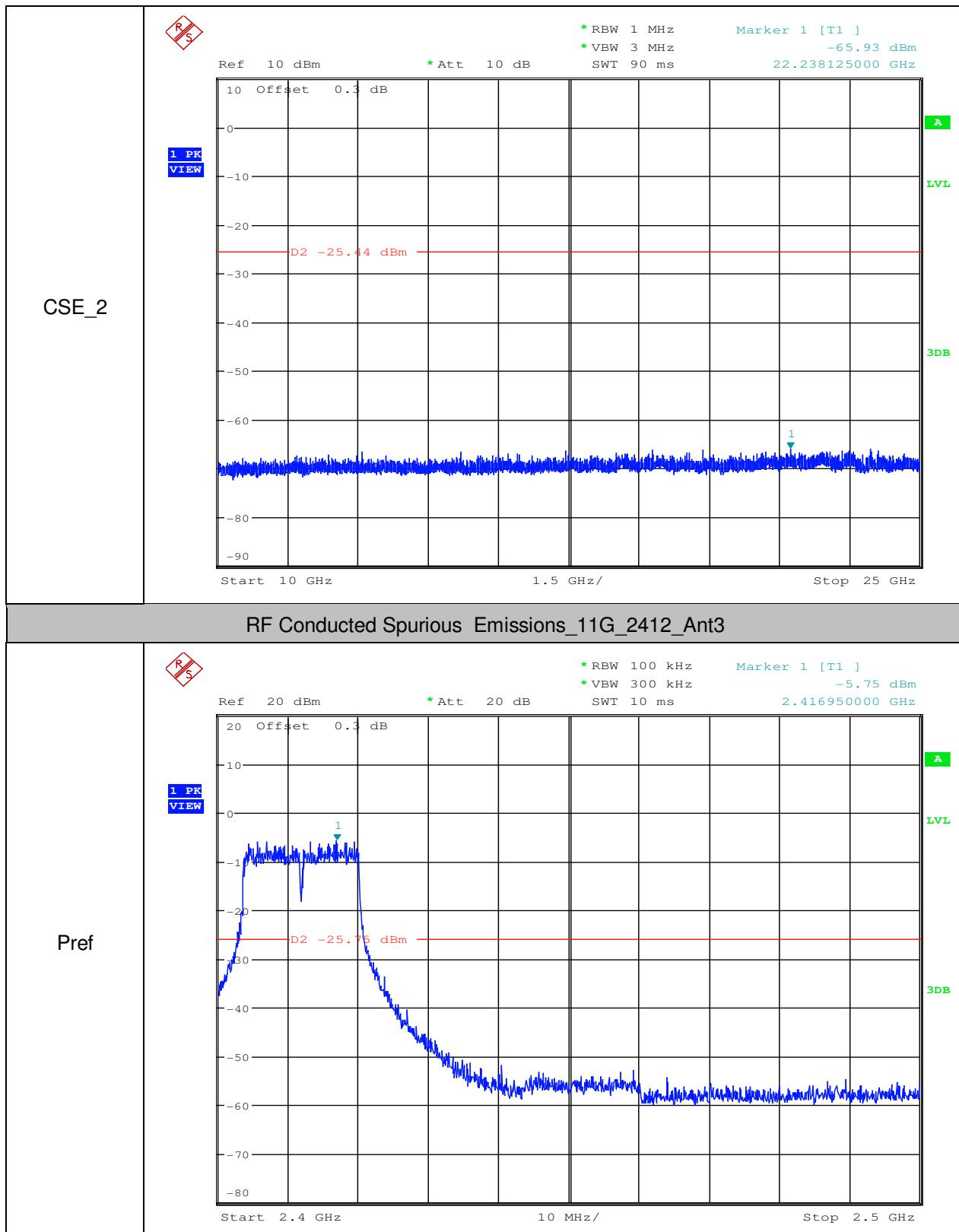


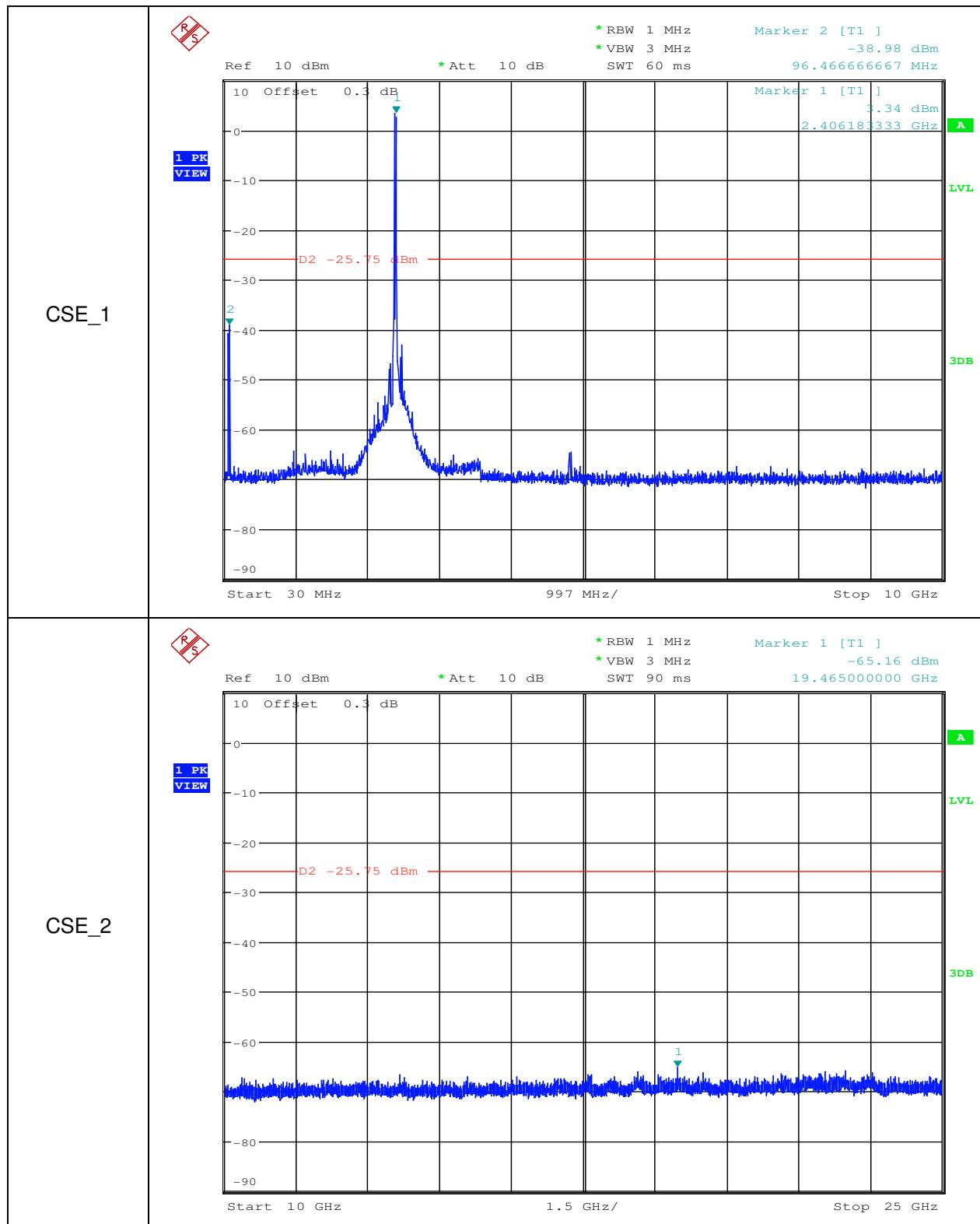


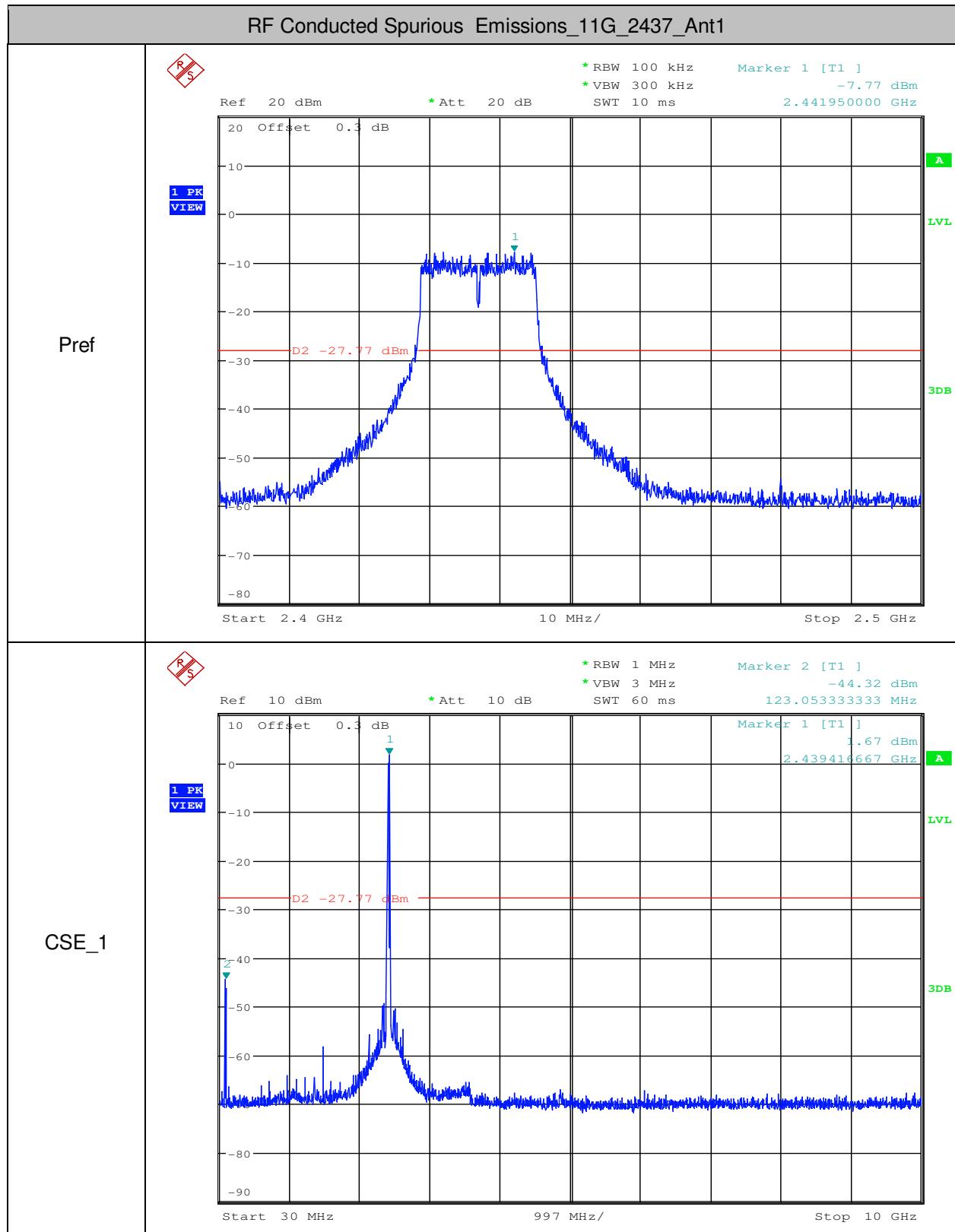


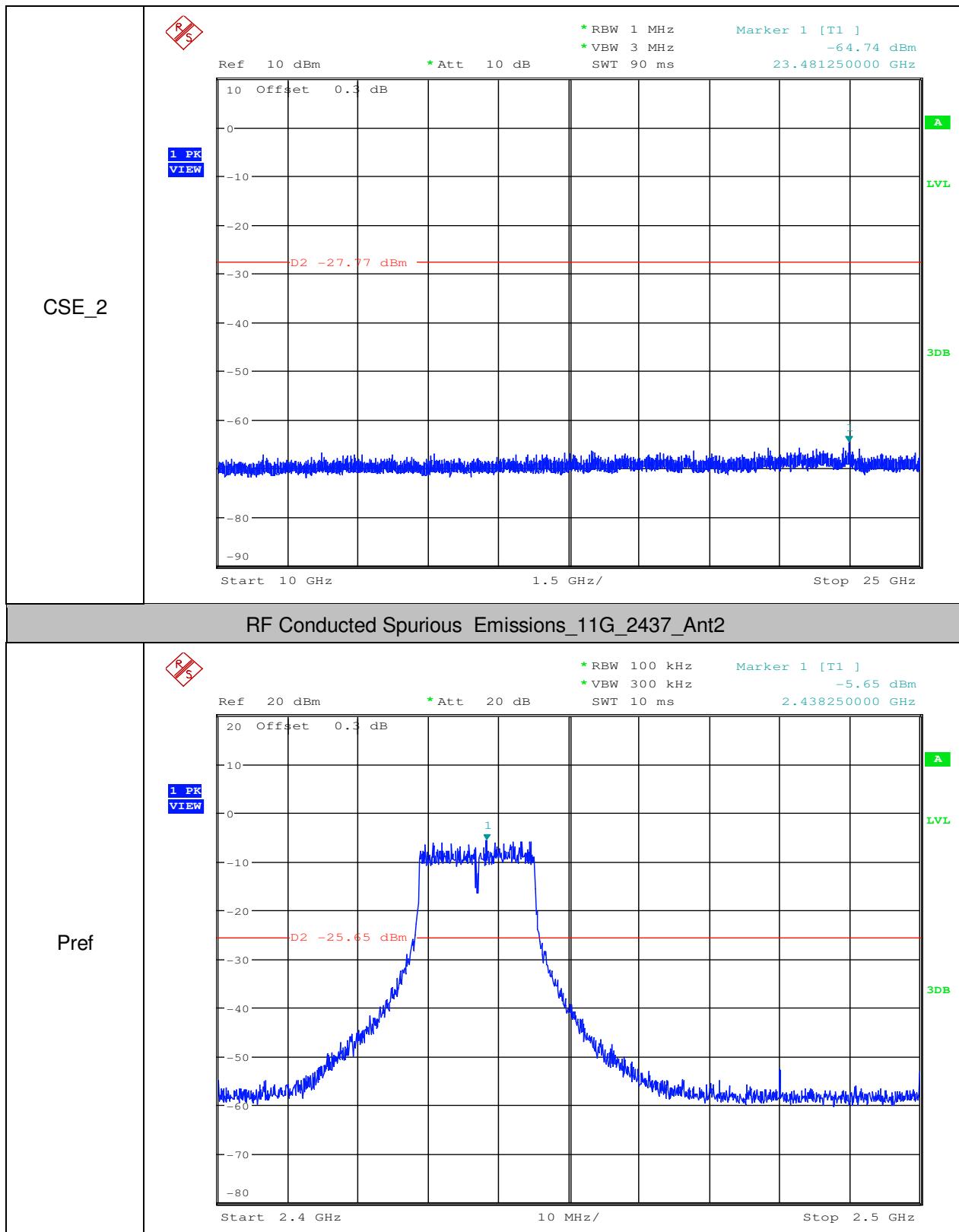


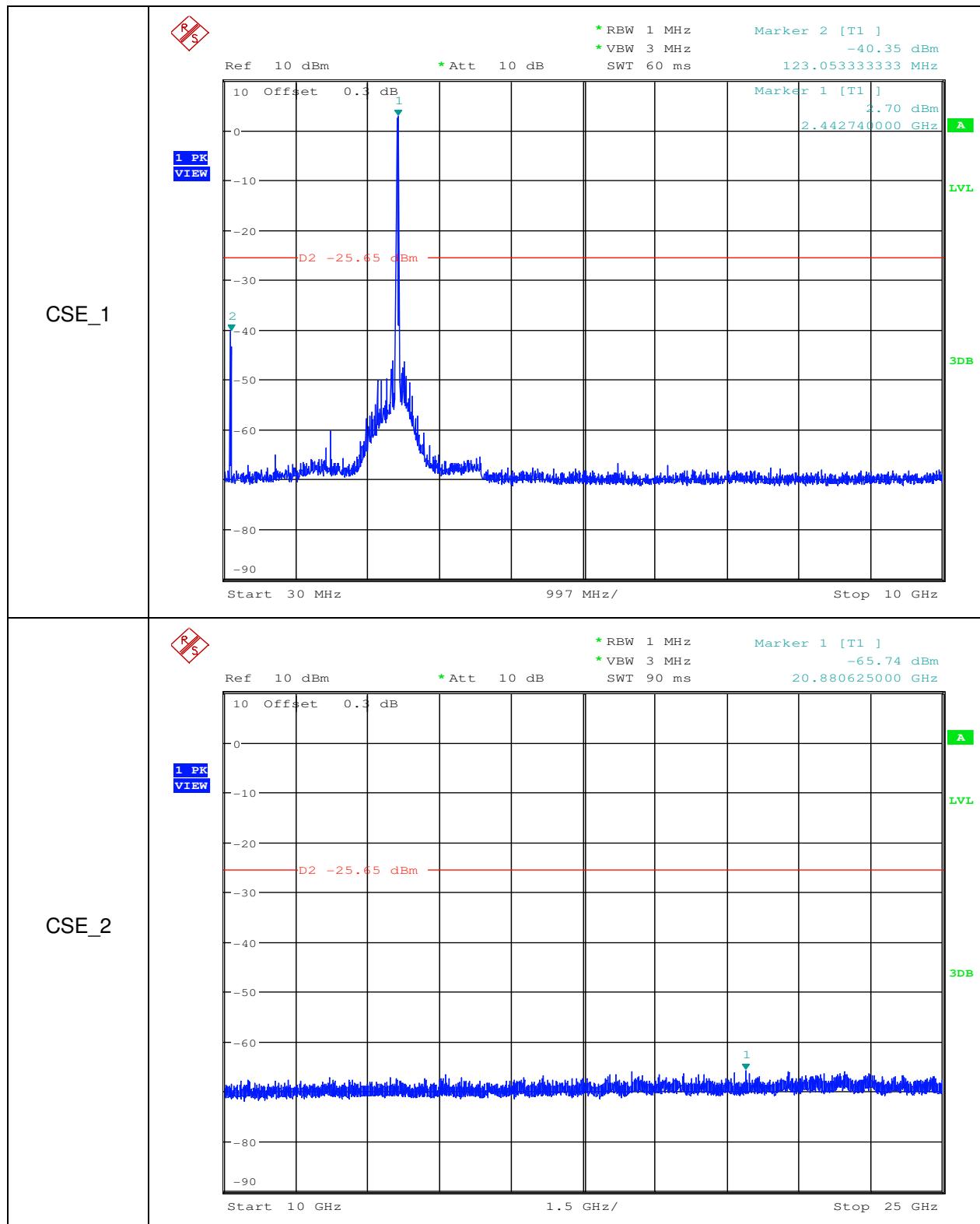


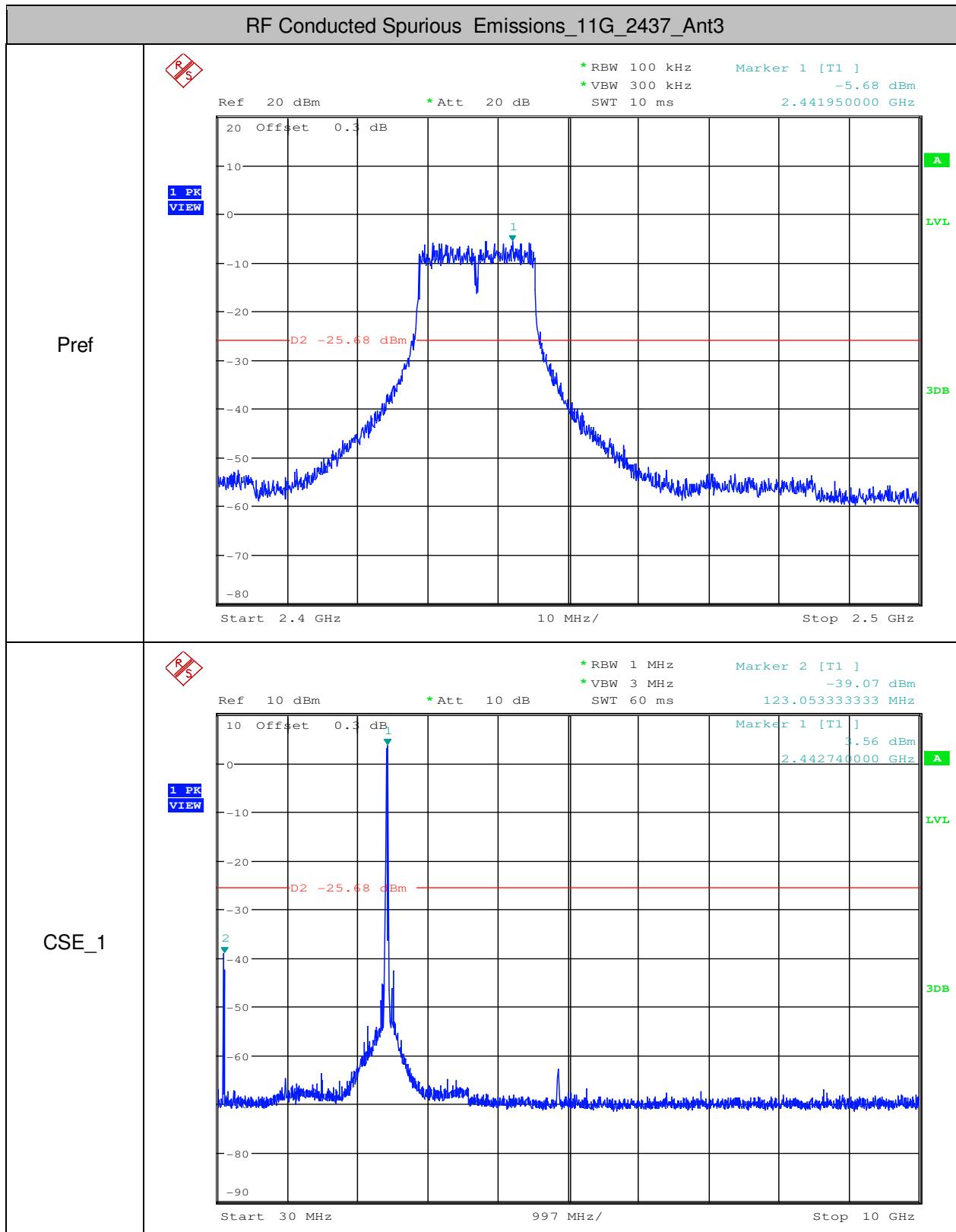


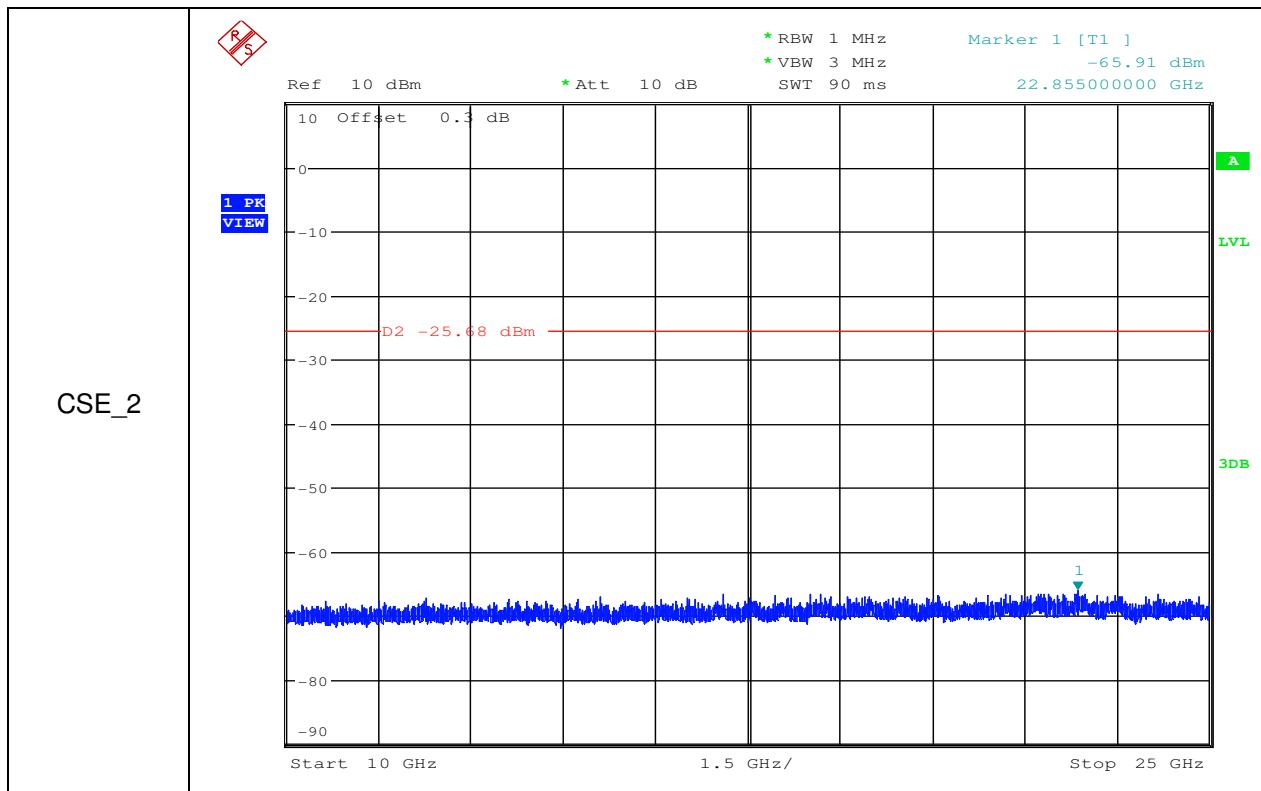




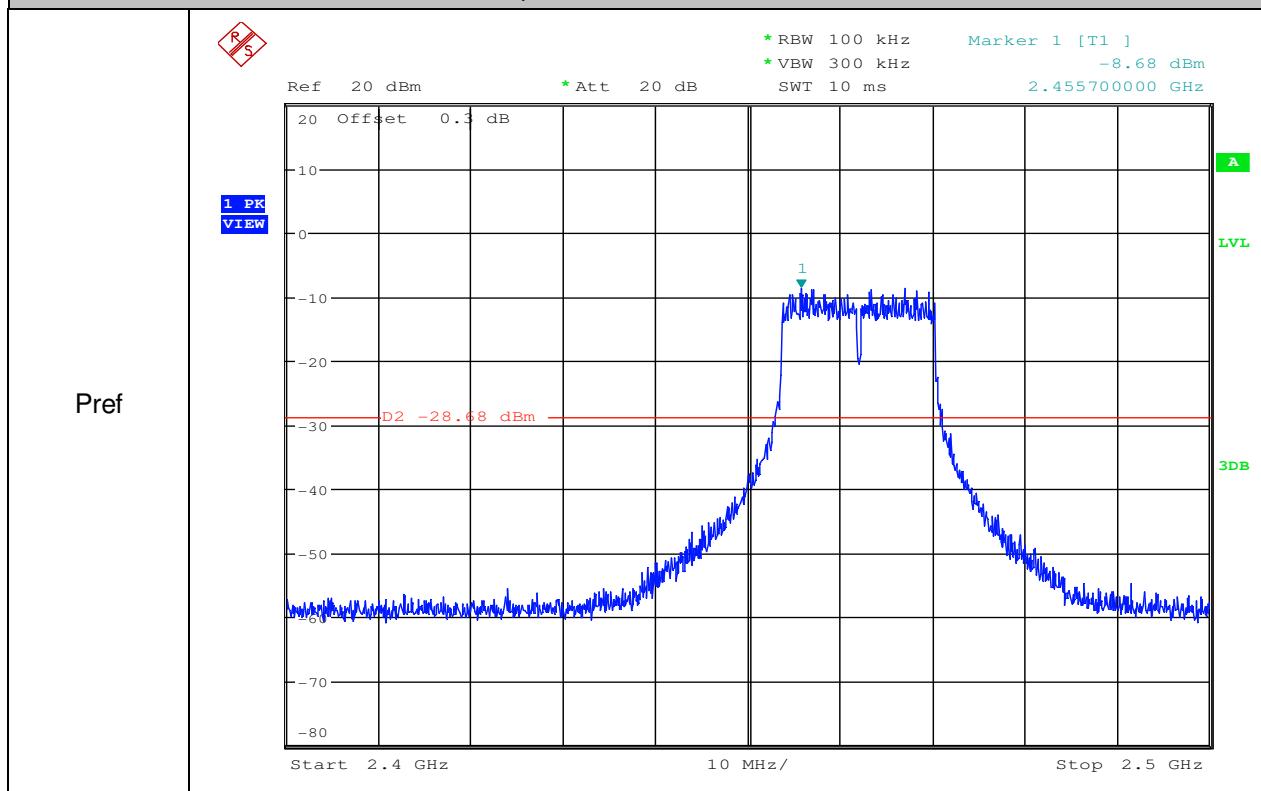


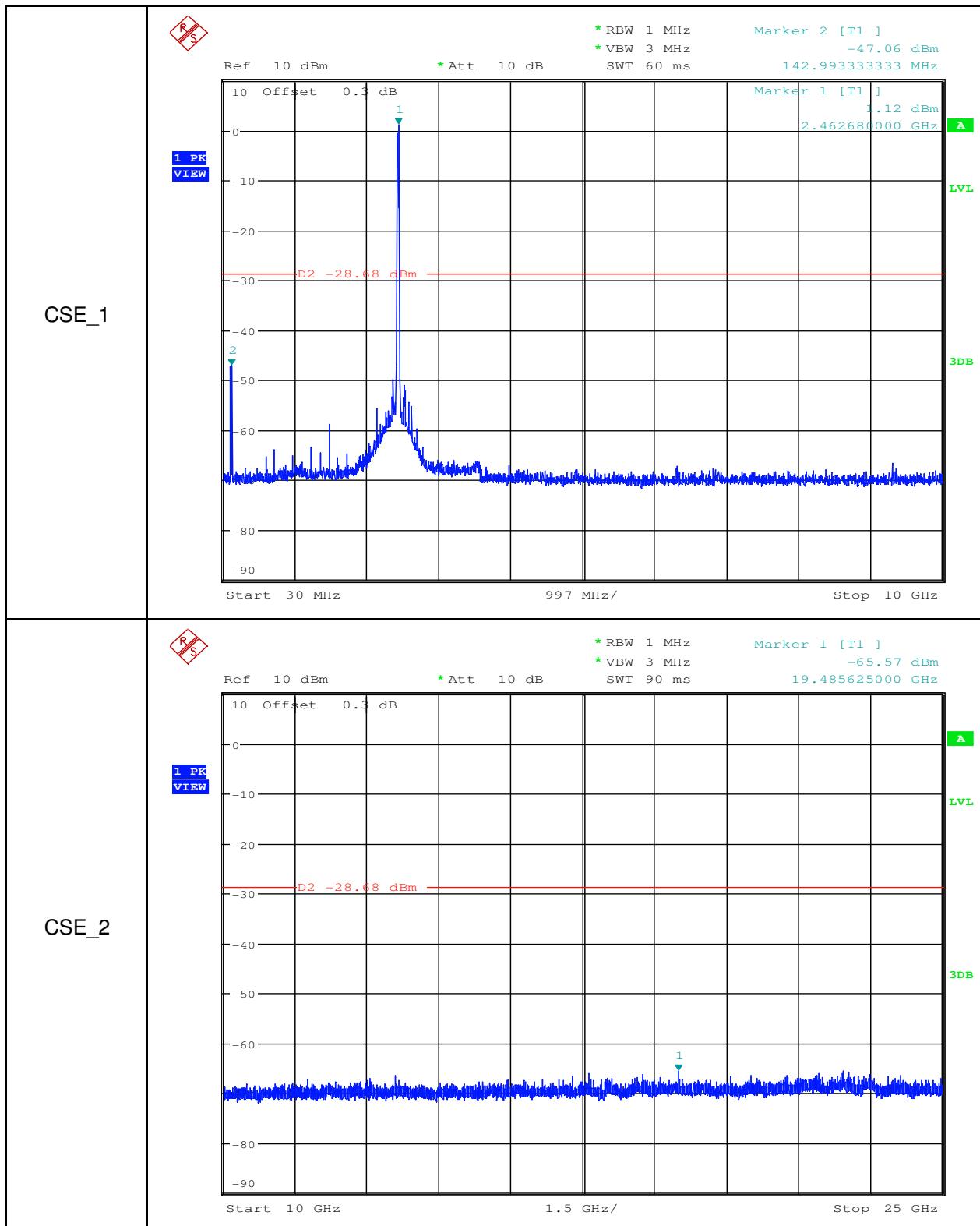


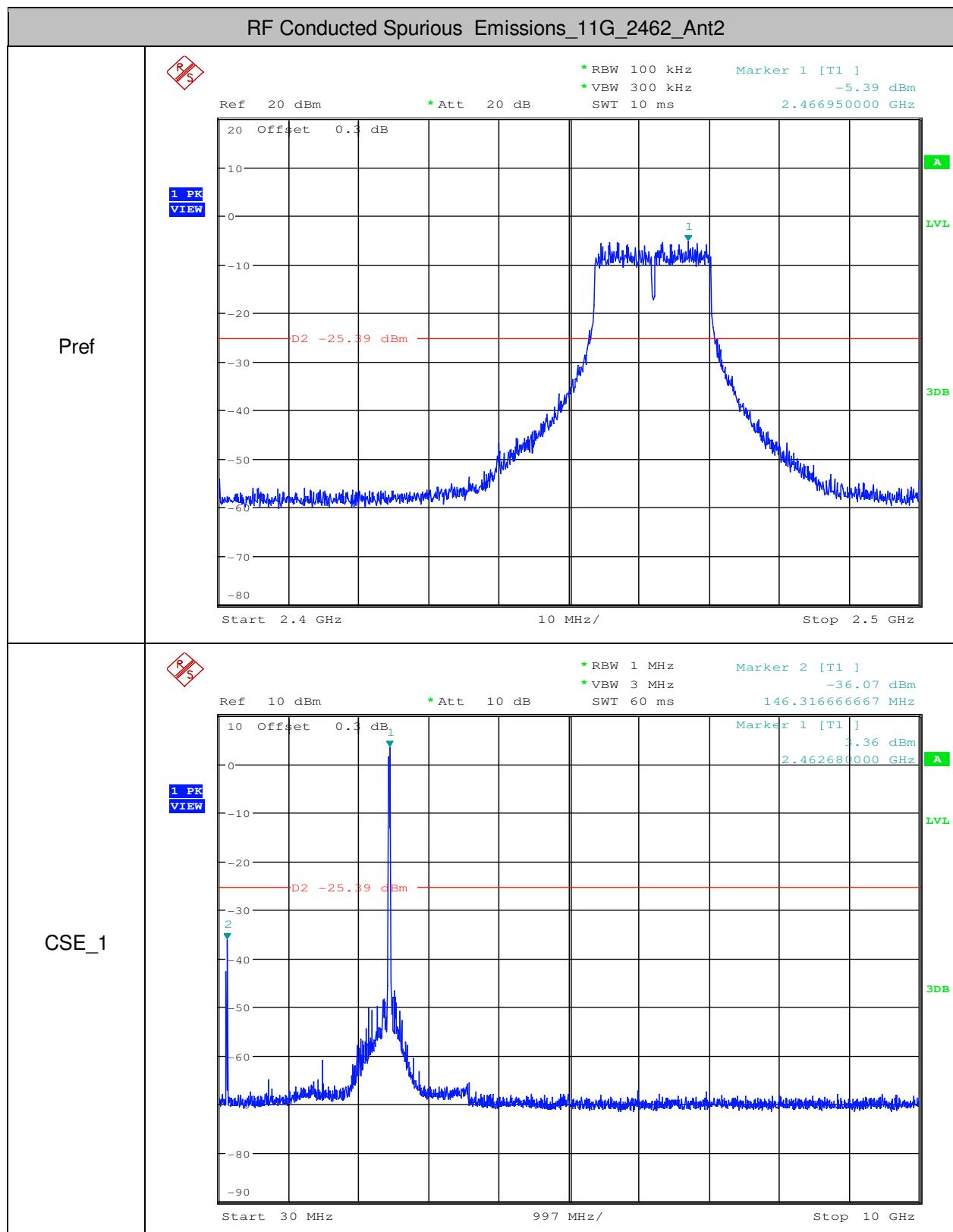


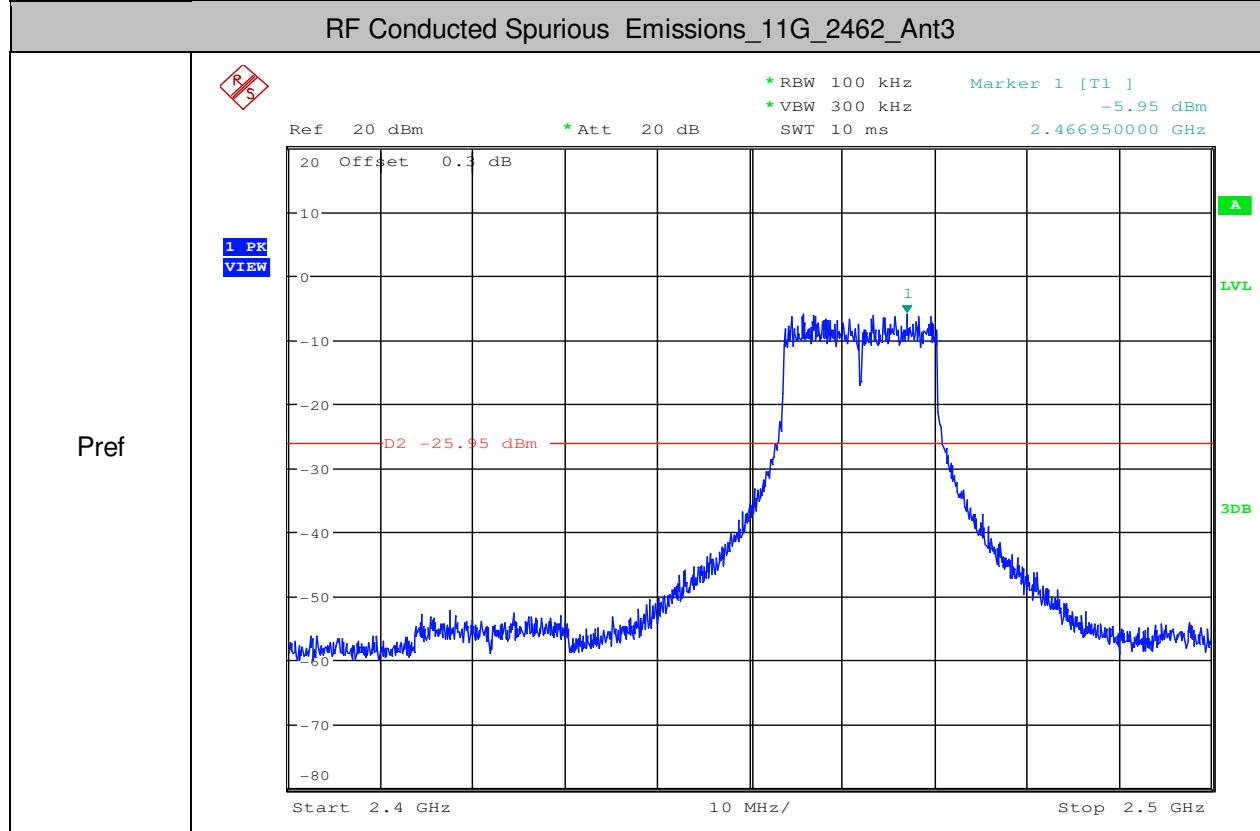
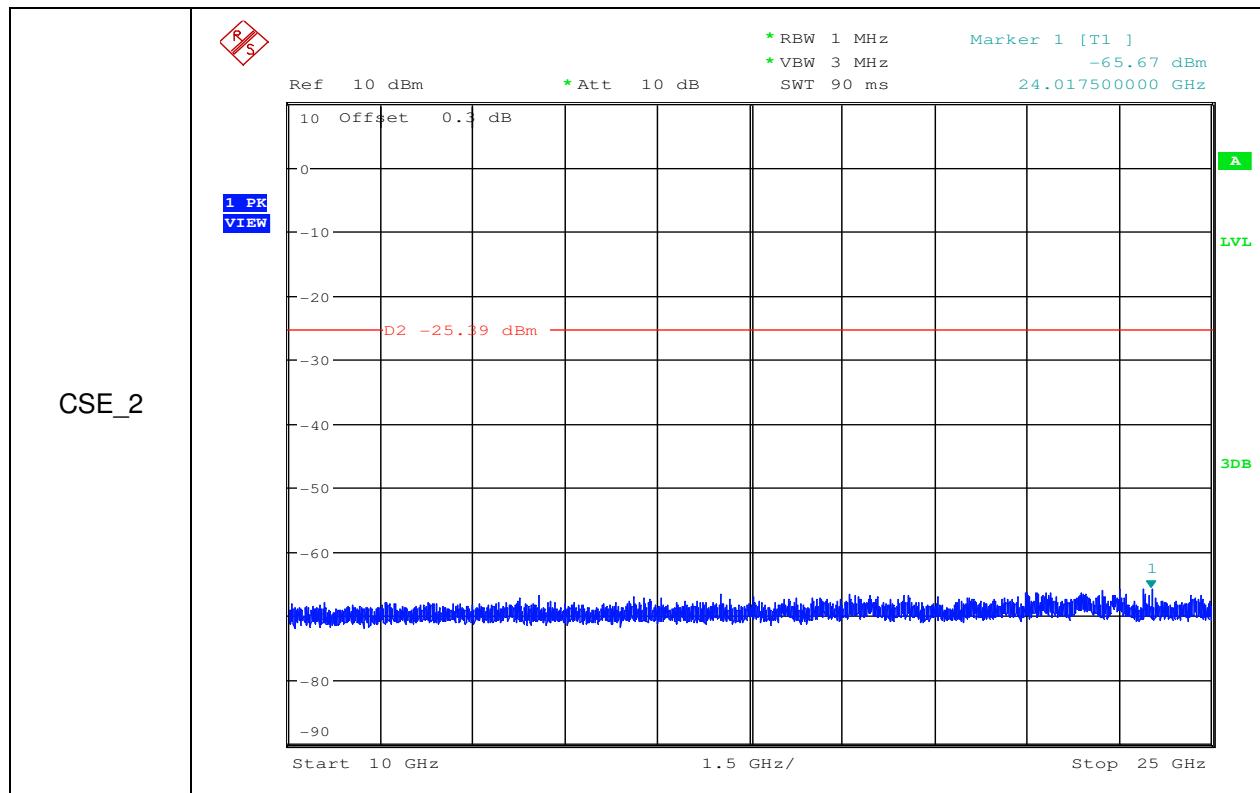


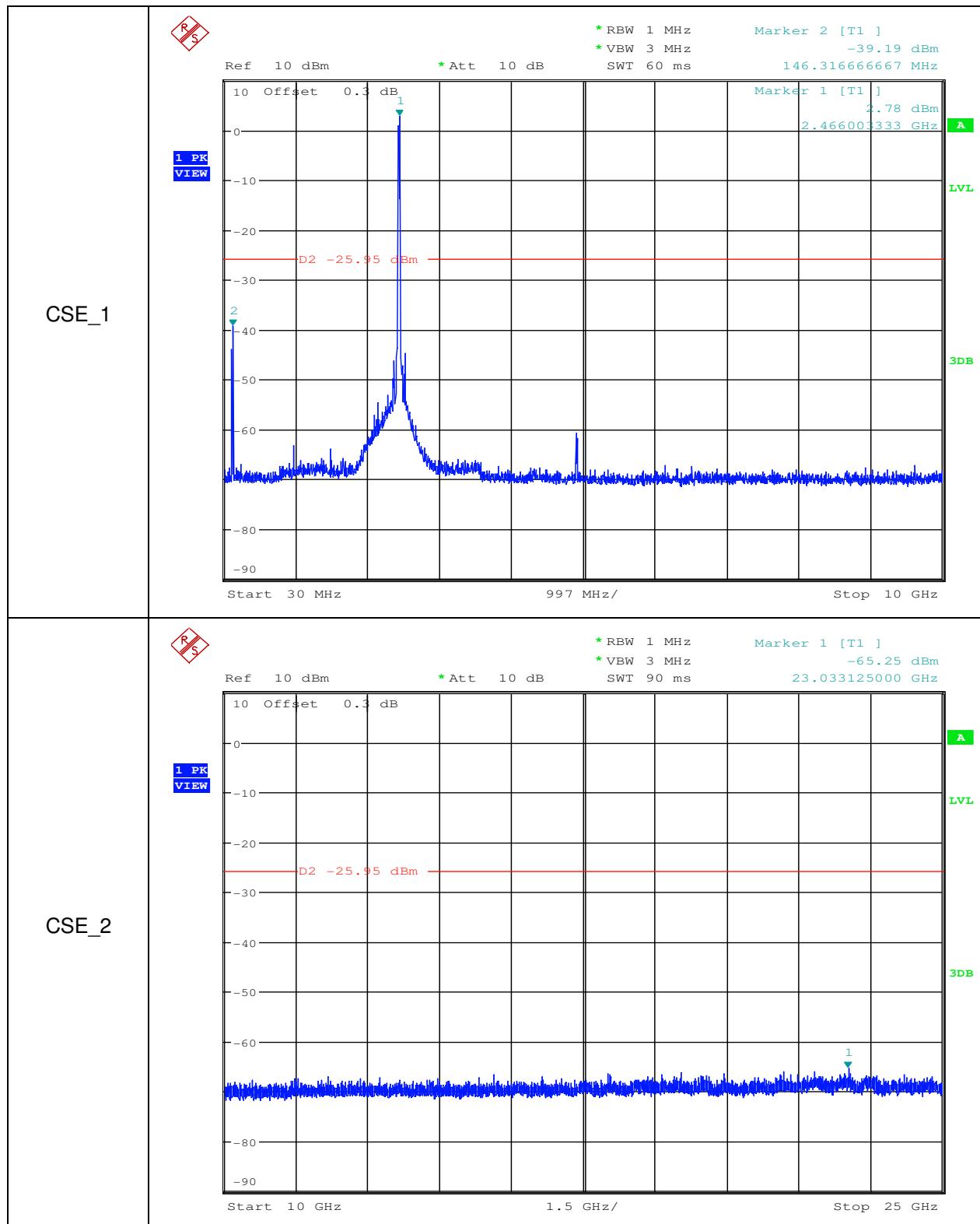
RF Conducted Spurious Emissions_11G_2462_Ant1

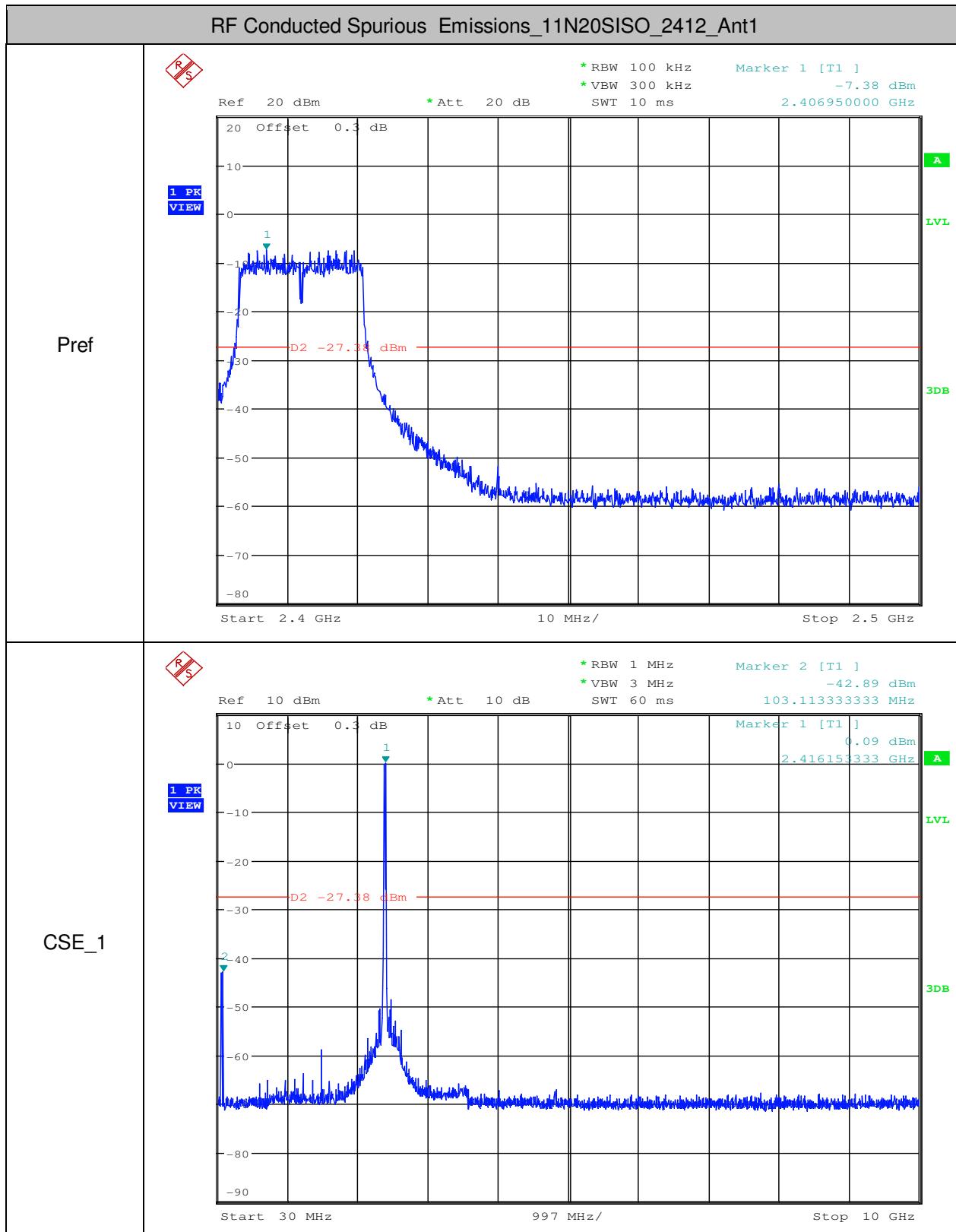


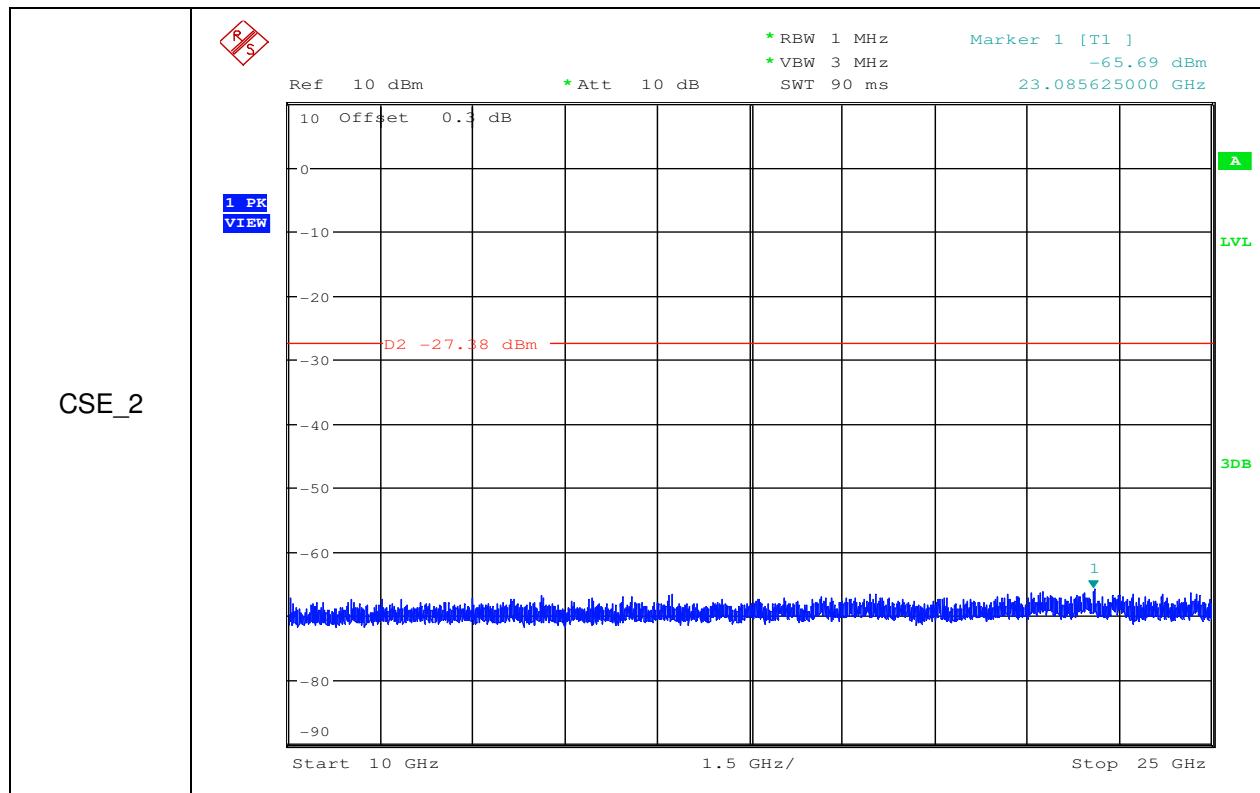




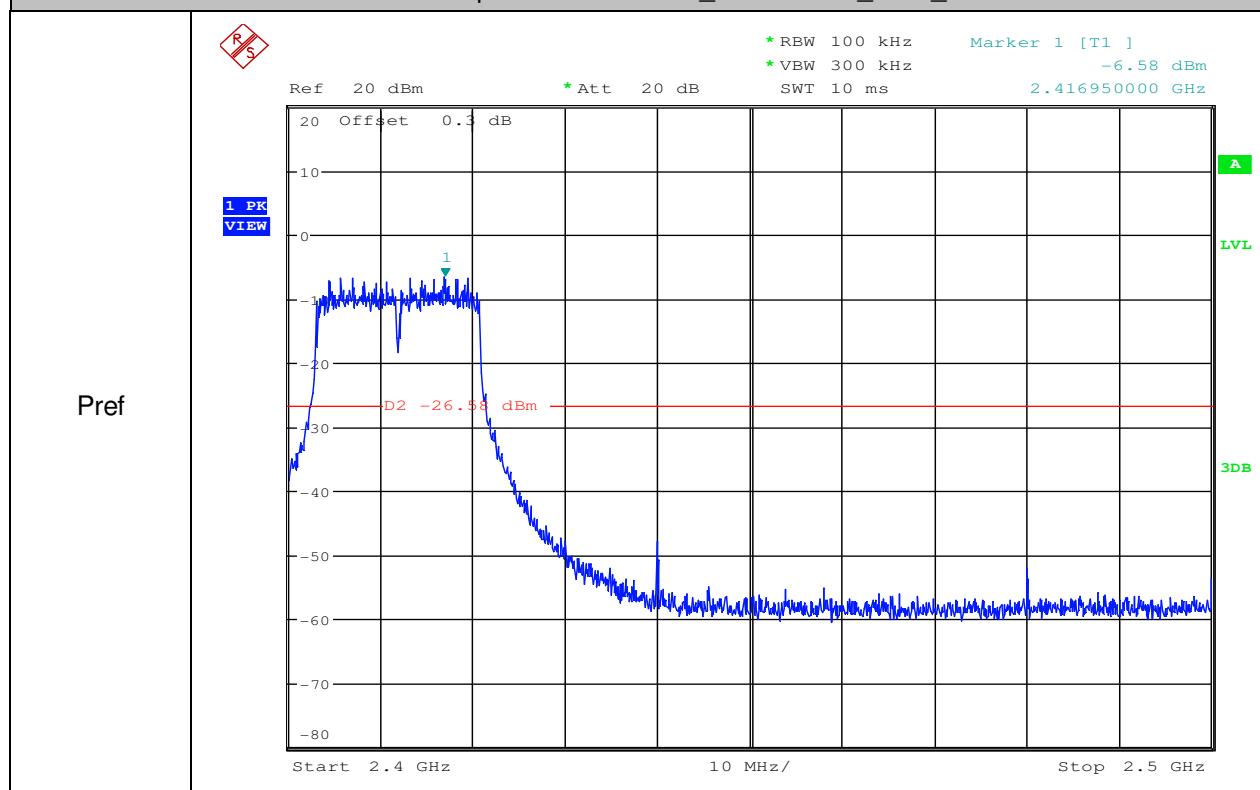


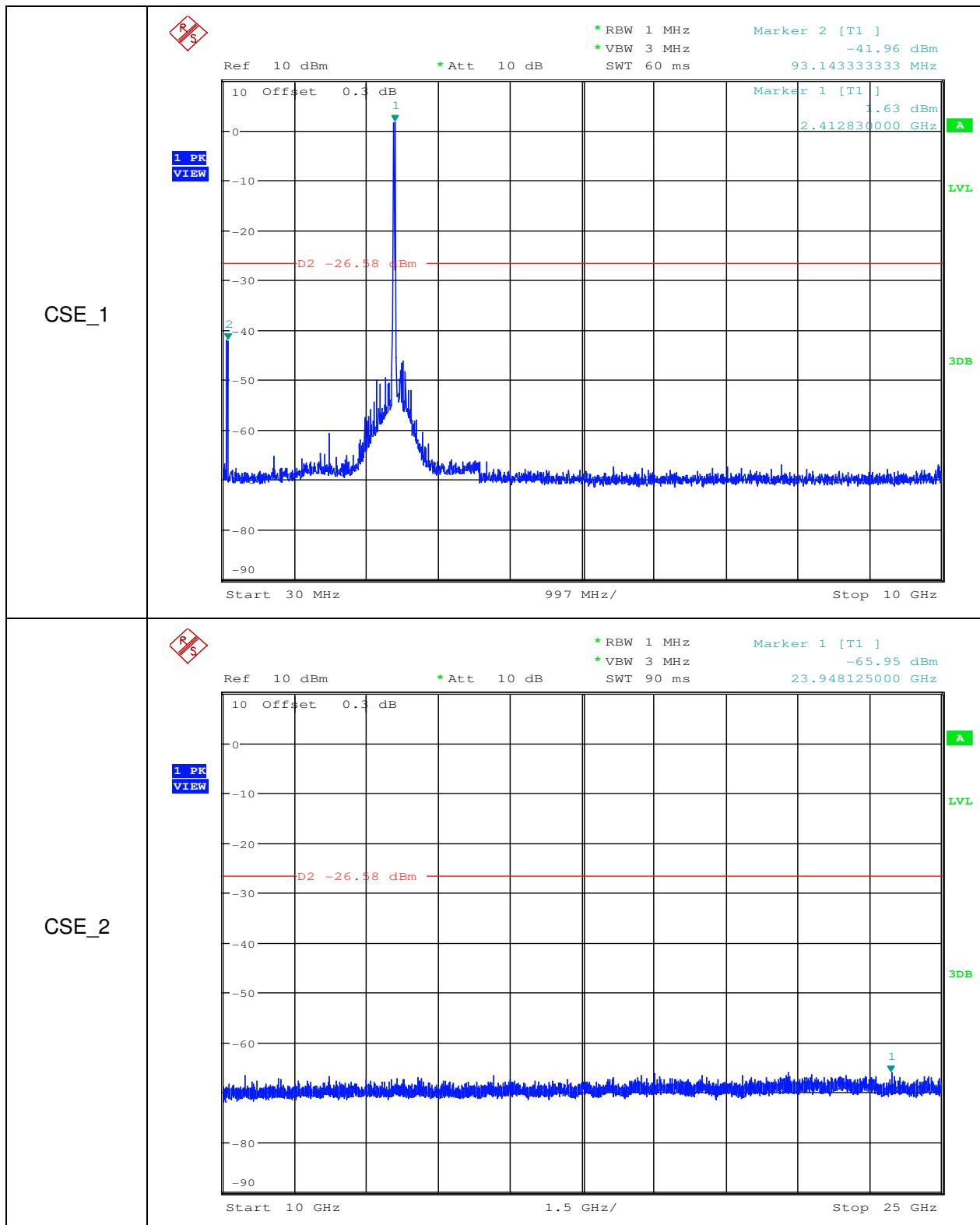


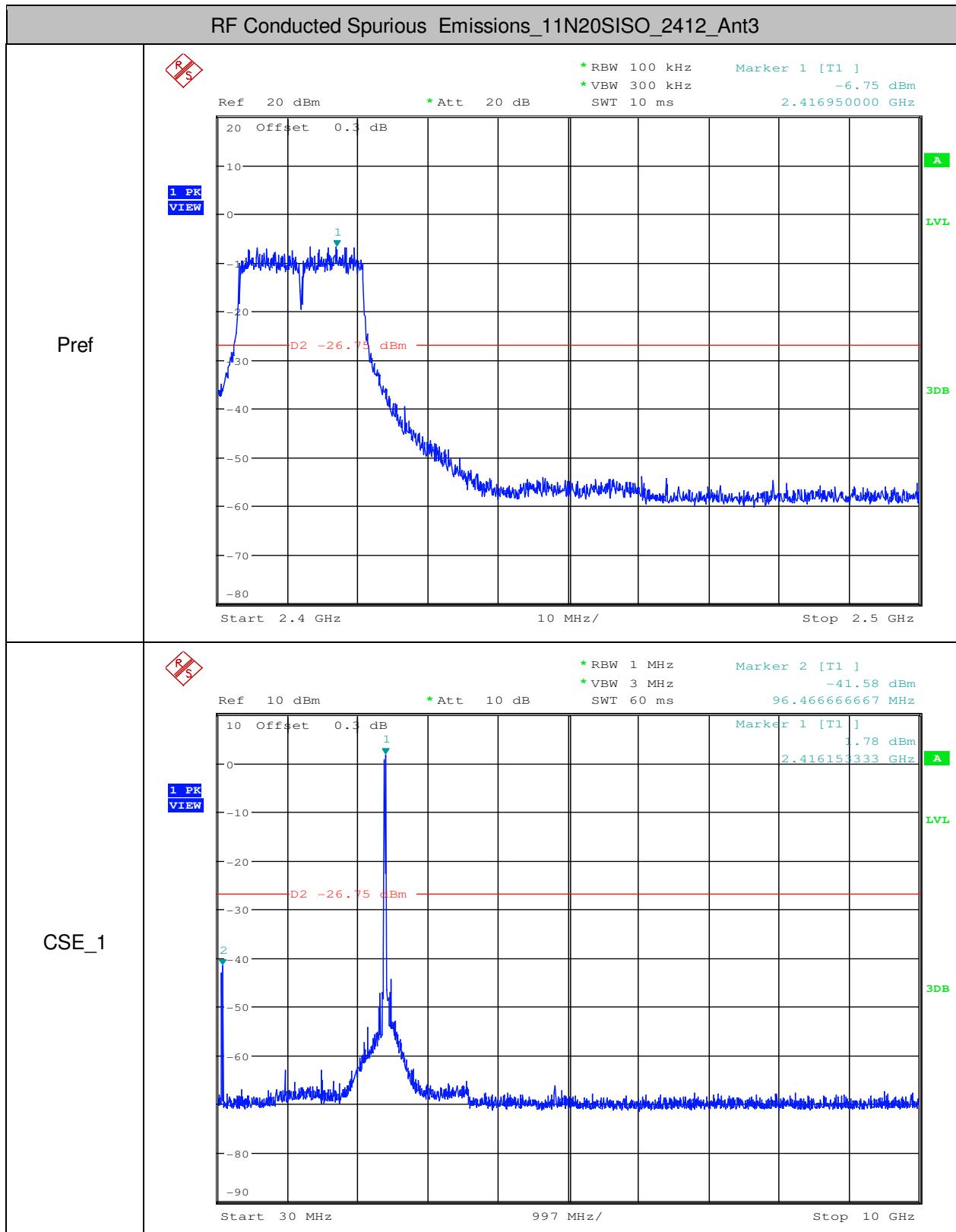


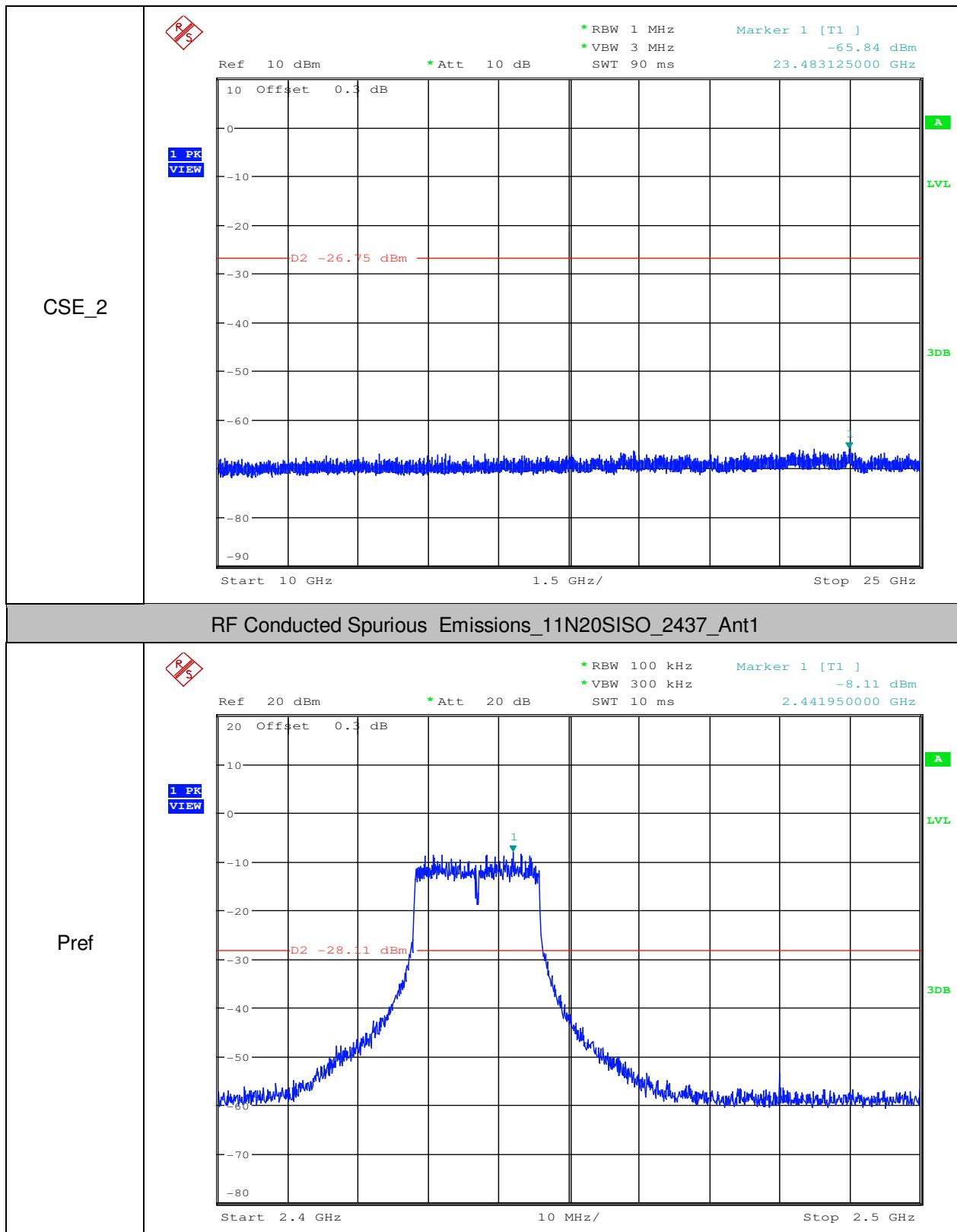


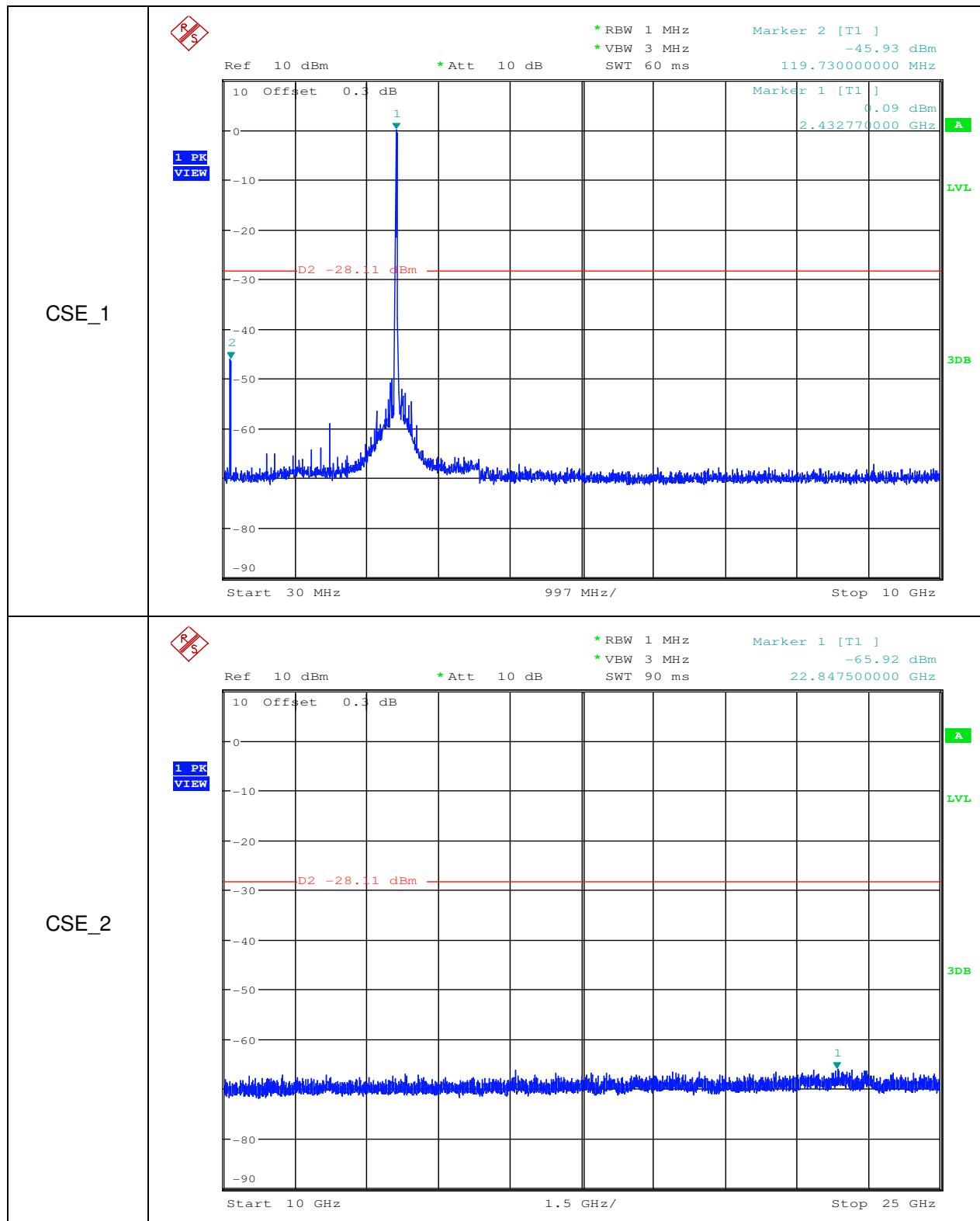
RF Conducted Spurious Emissions_11N20SISO_2412_Ant2

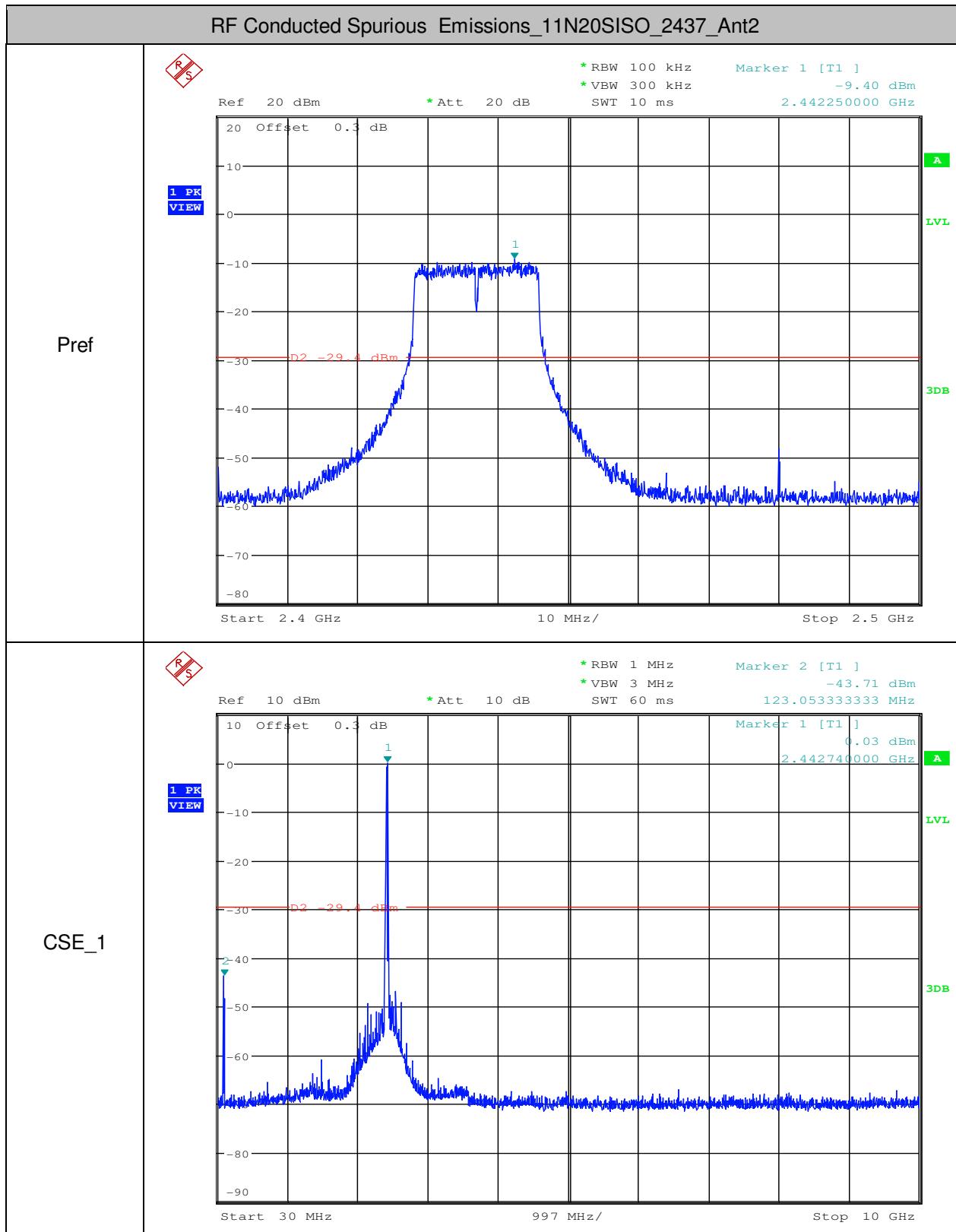


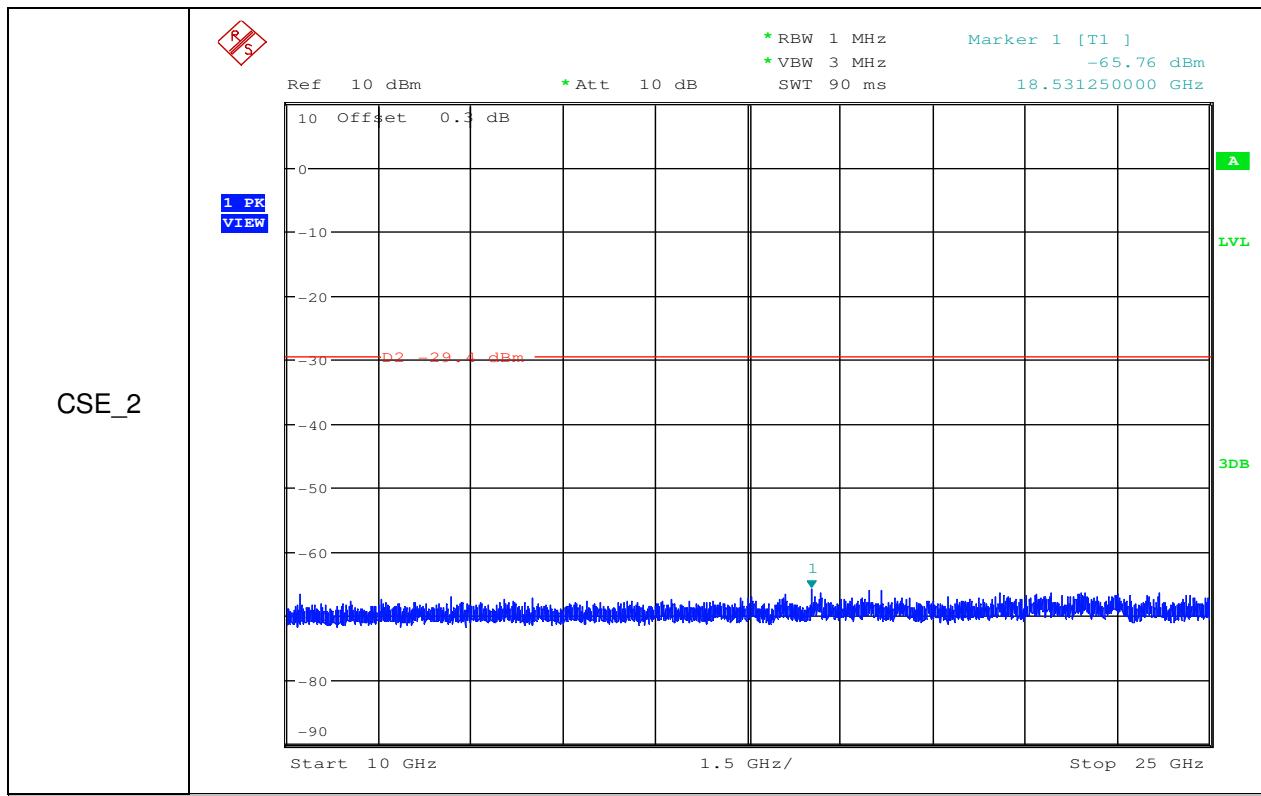




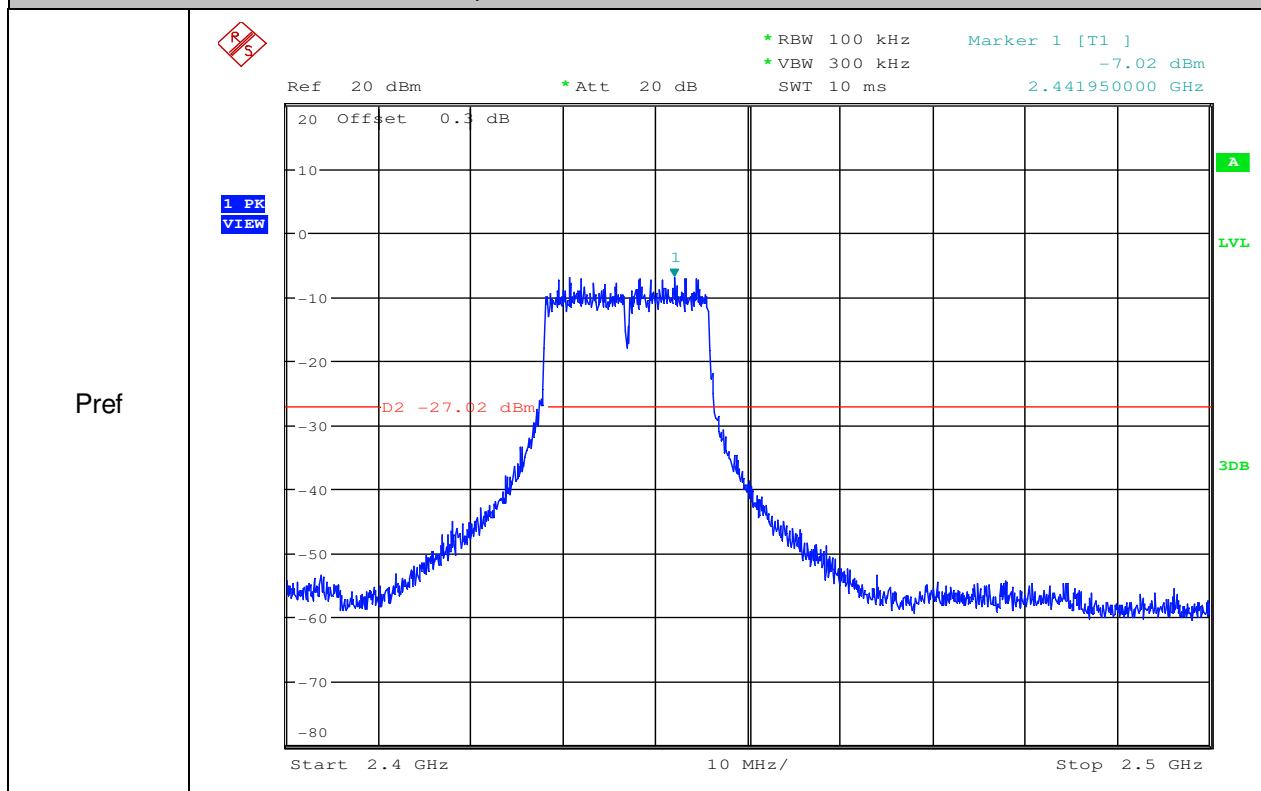


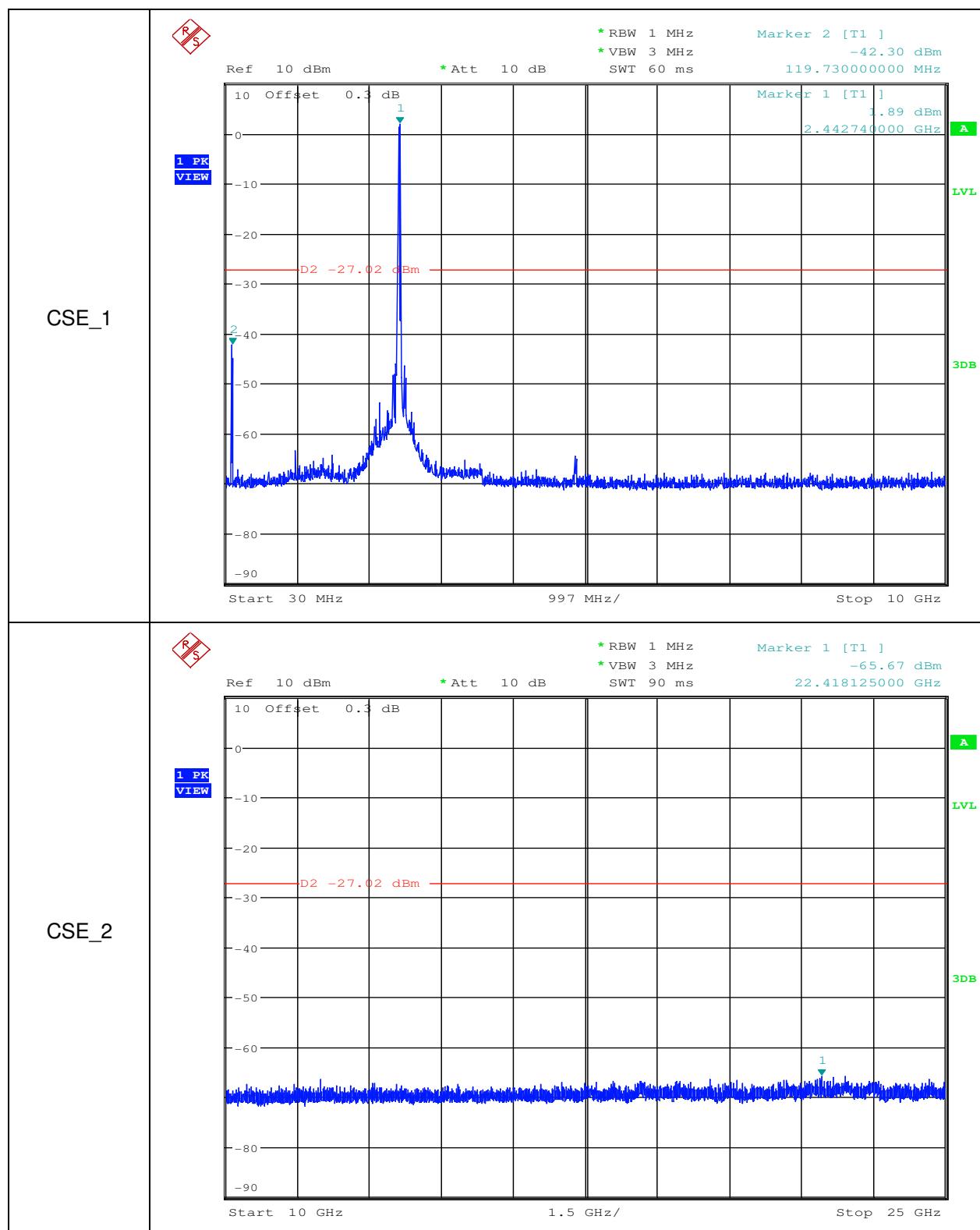


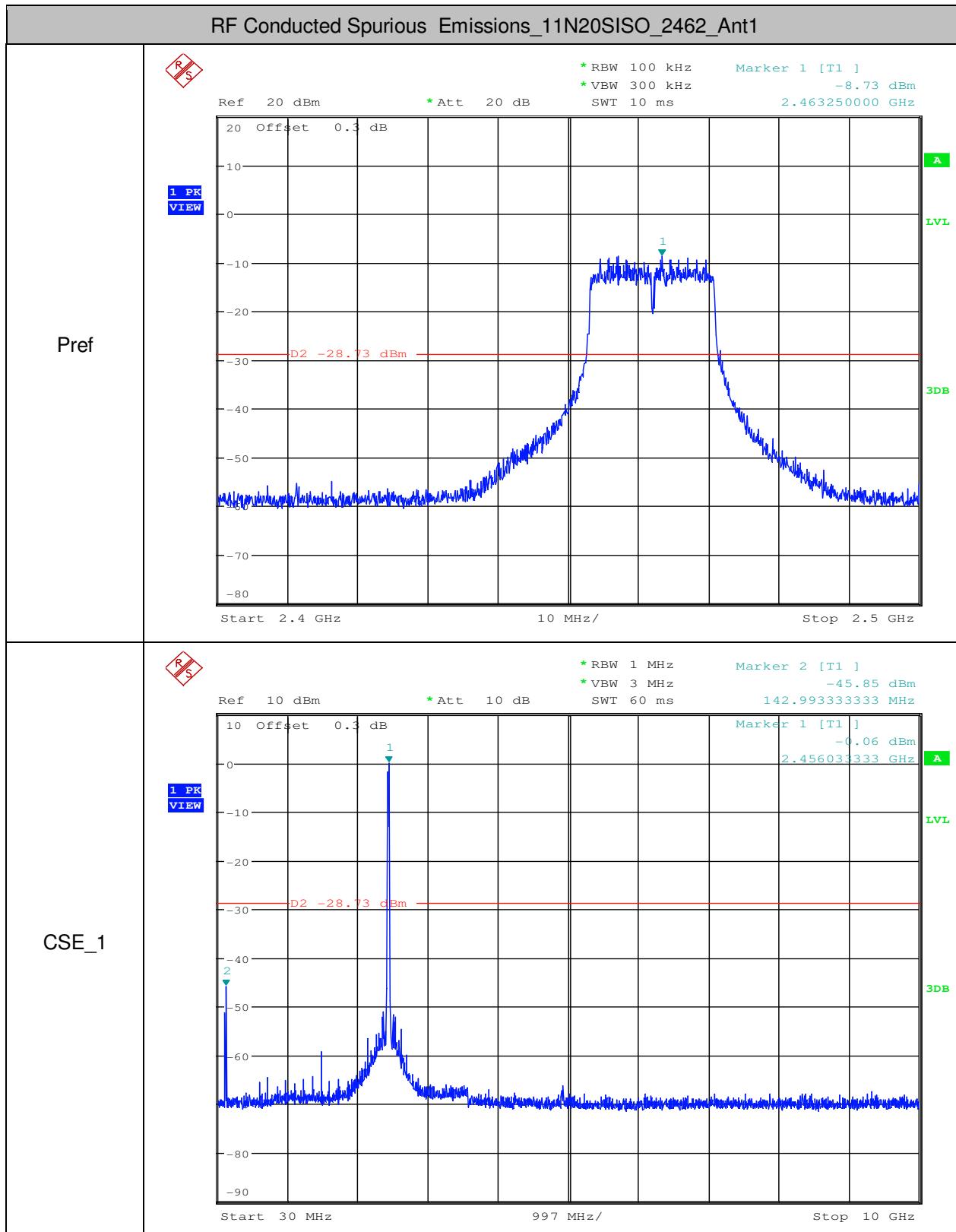


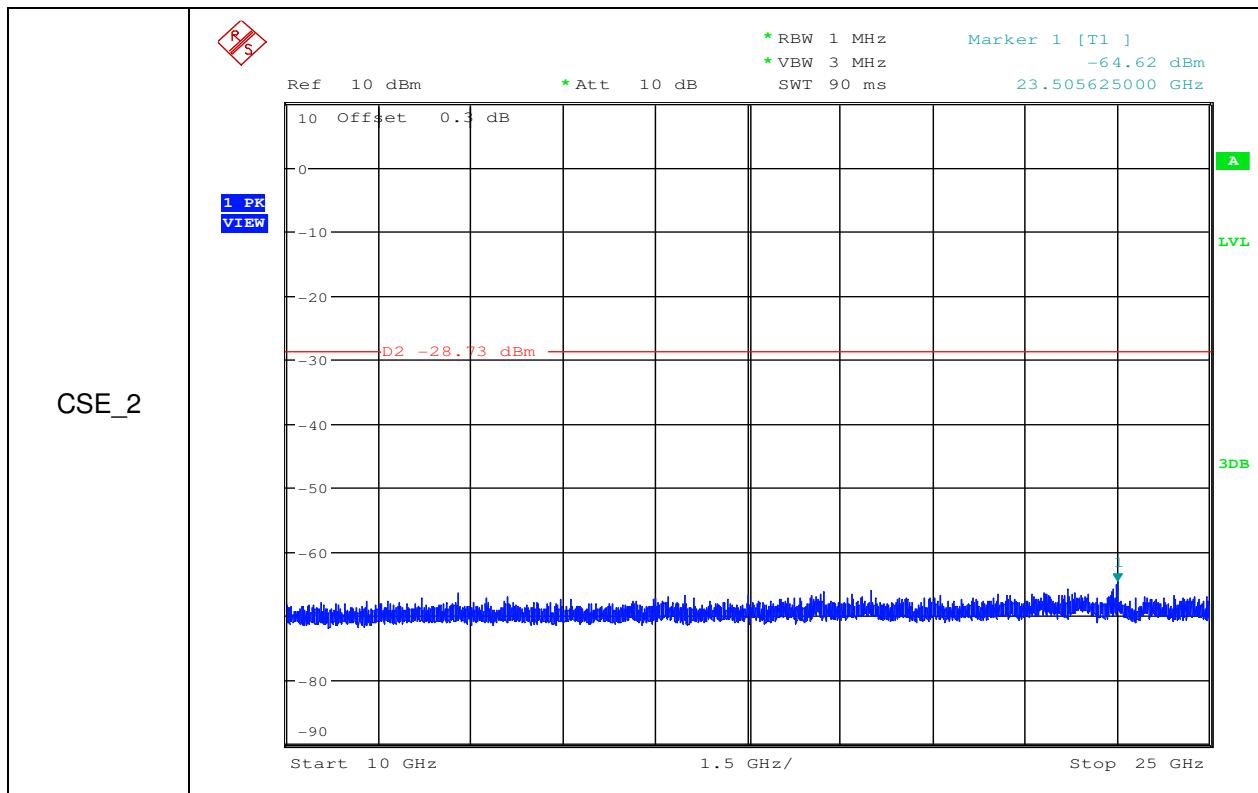


RF Conducted Spurious Emissions_11N20SISO_2437_Ant3

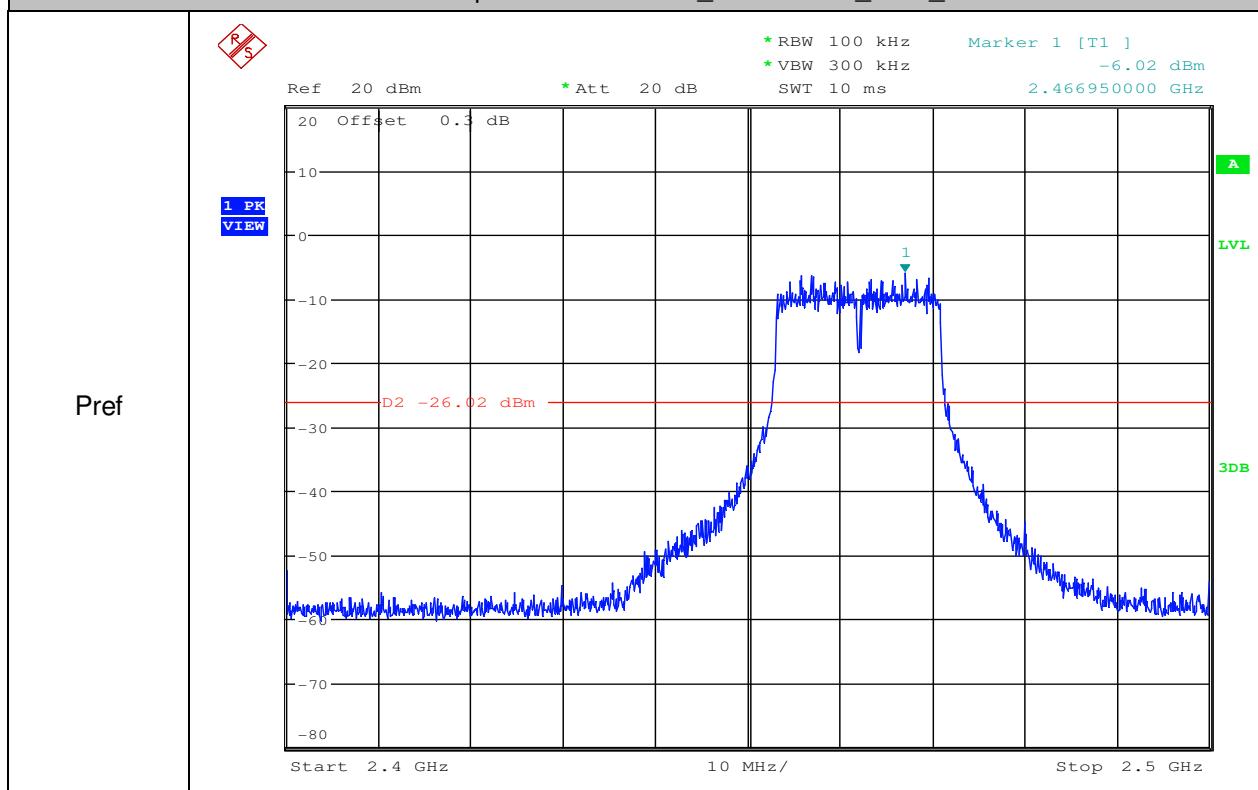


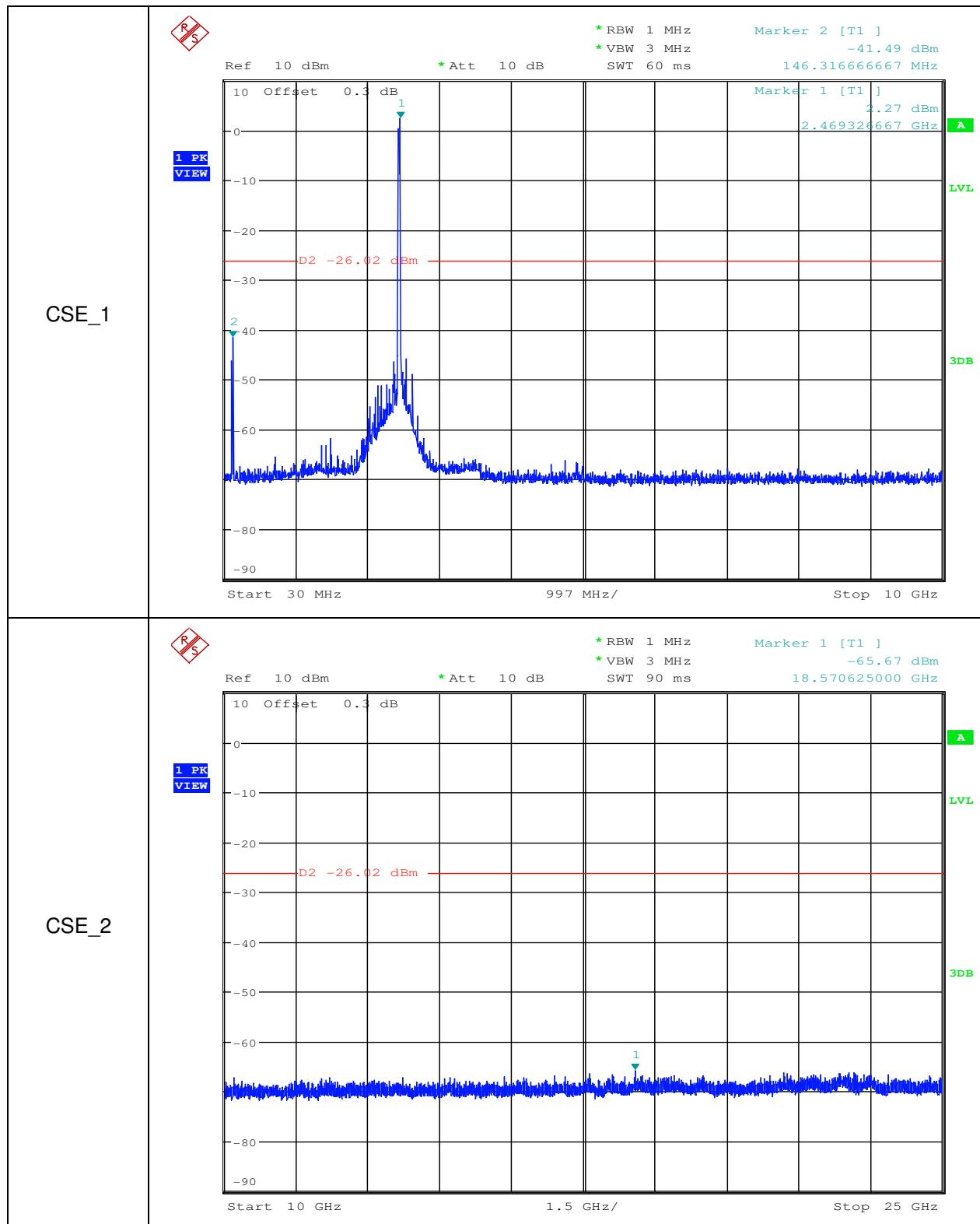


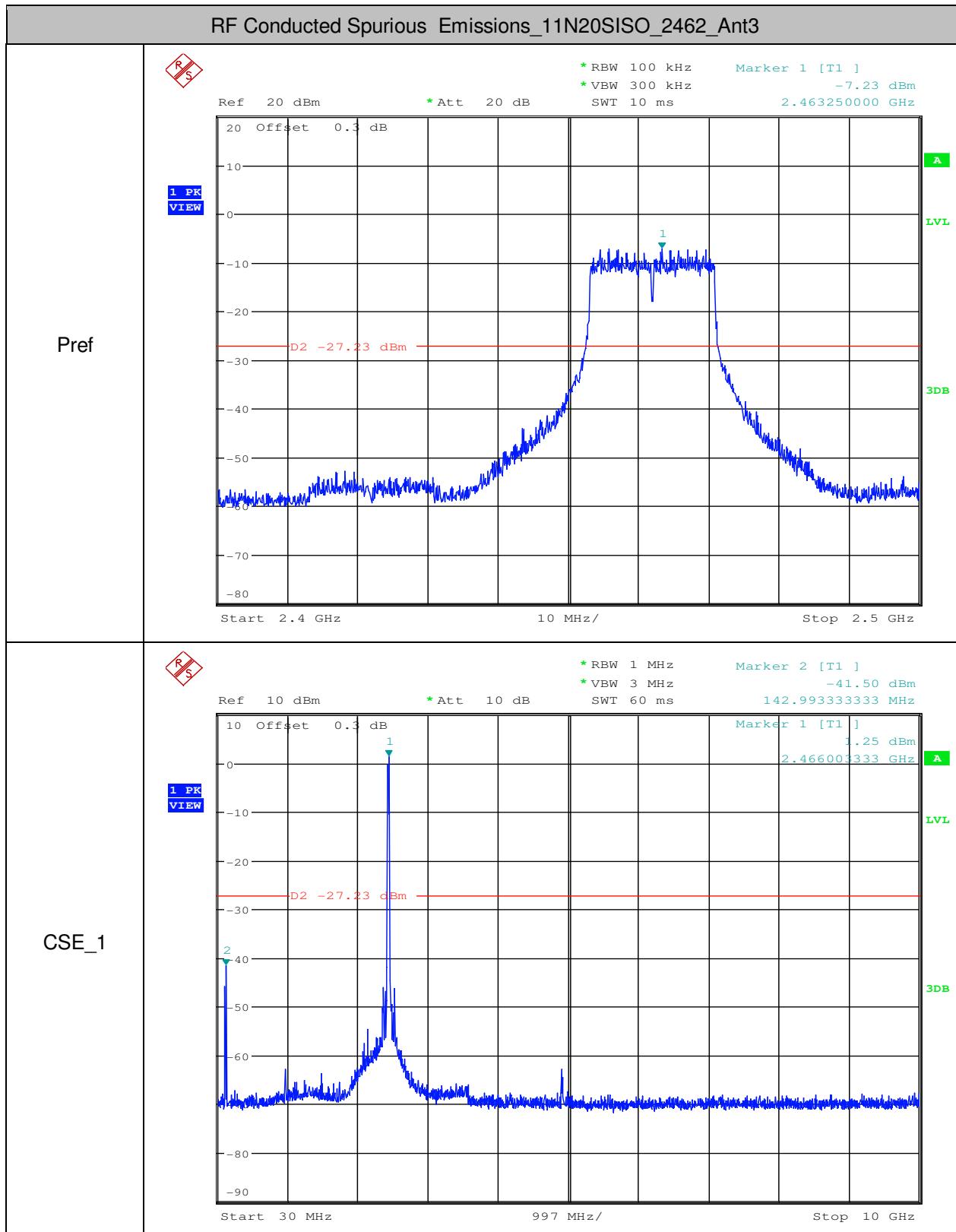


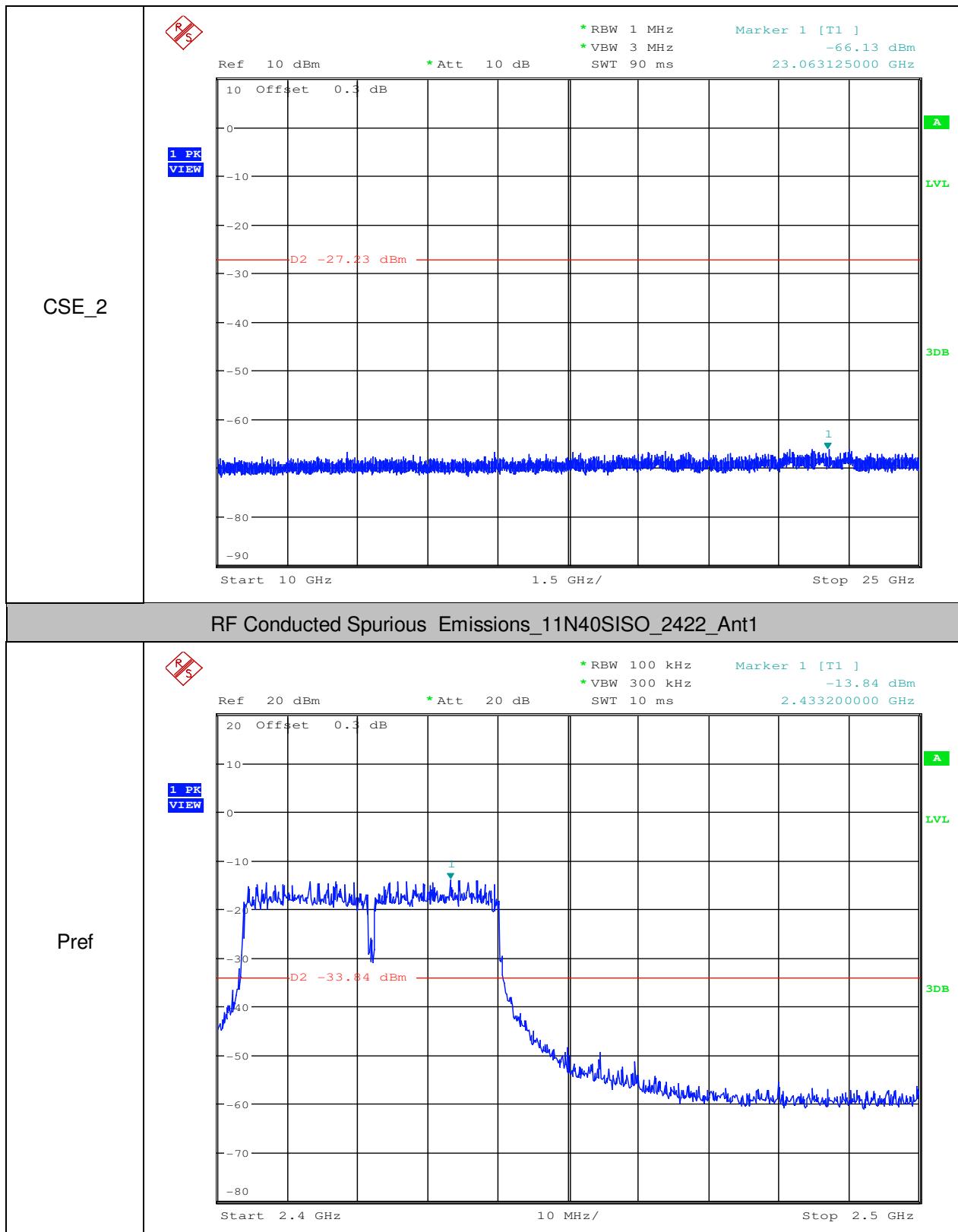


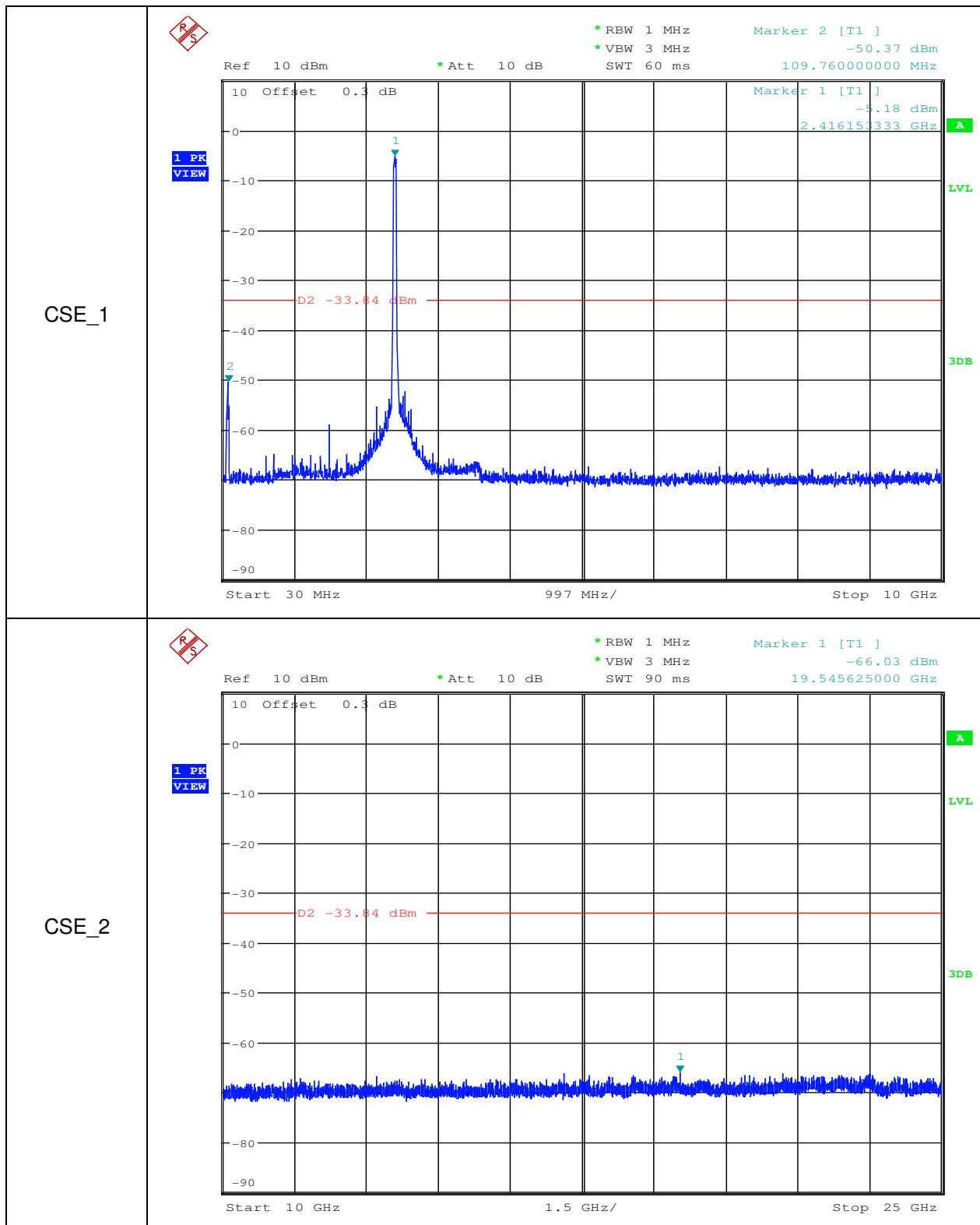
RF Conducted Spurious Emissions_11N20SISO_2462_Ant2

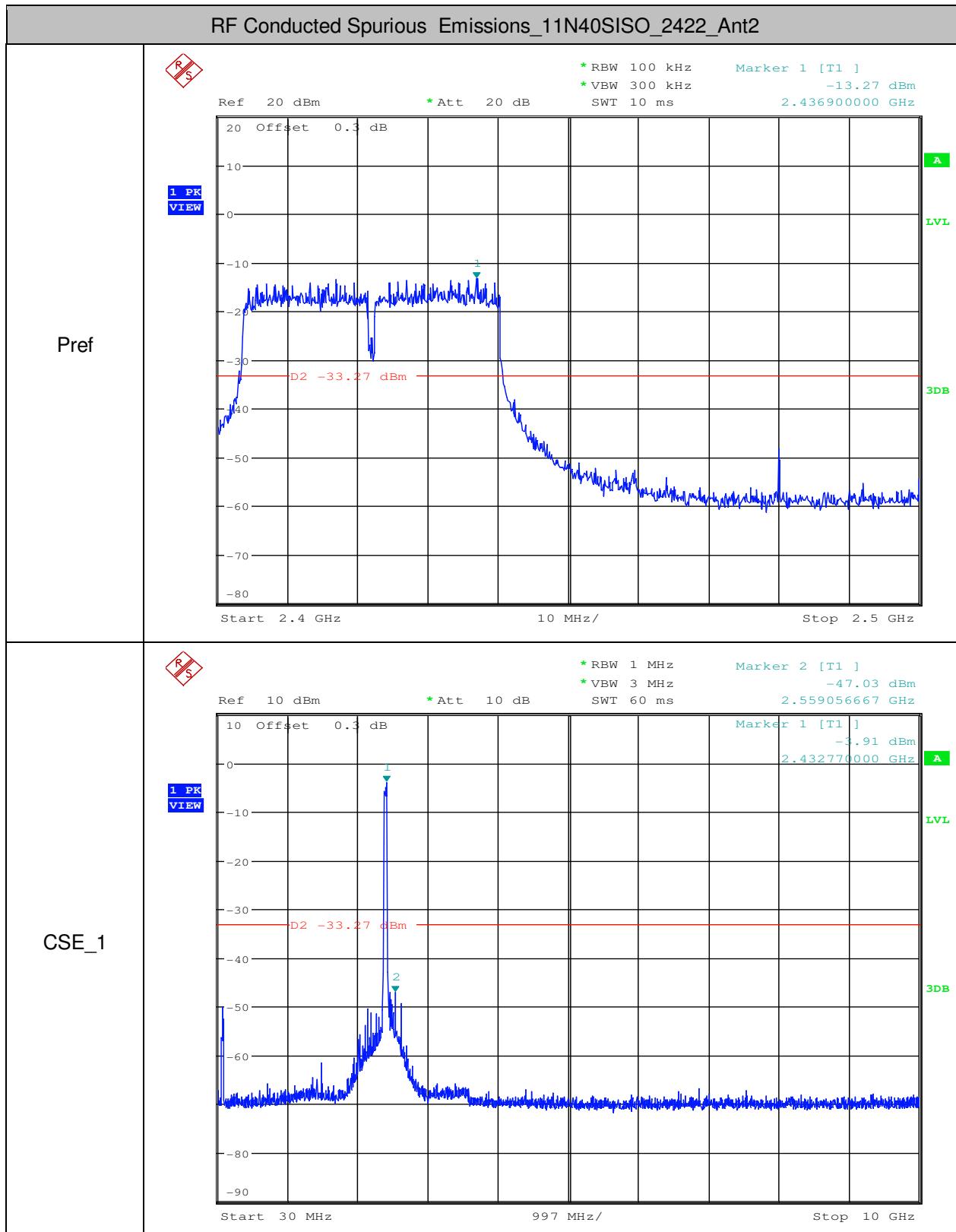


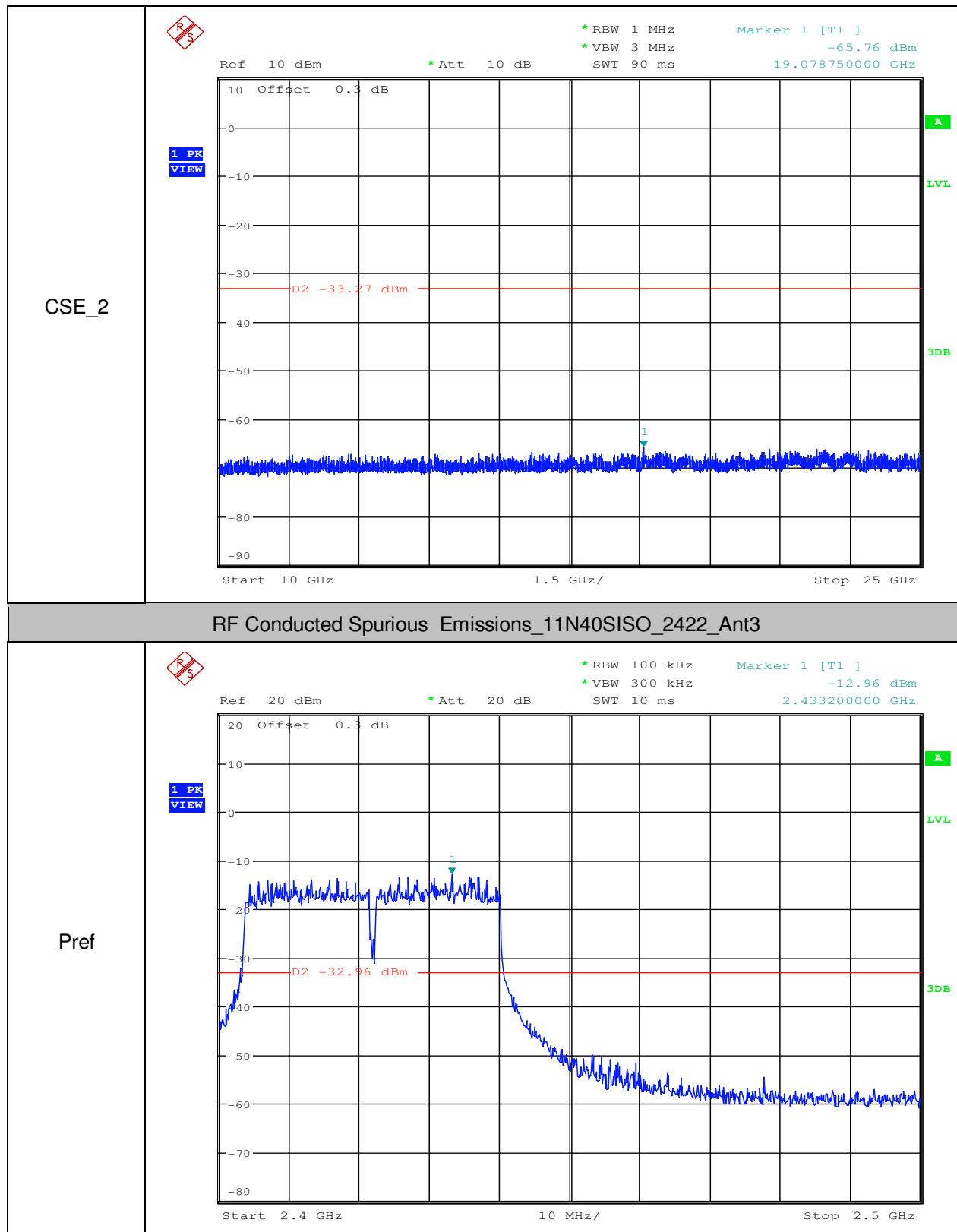


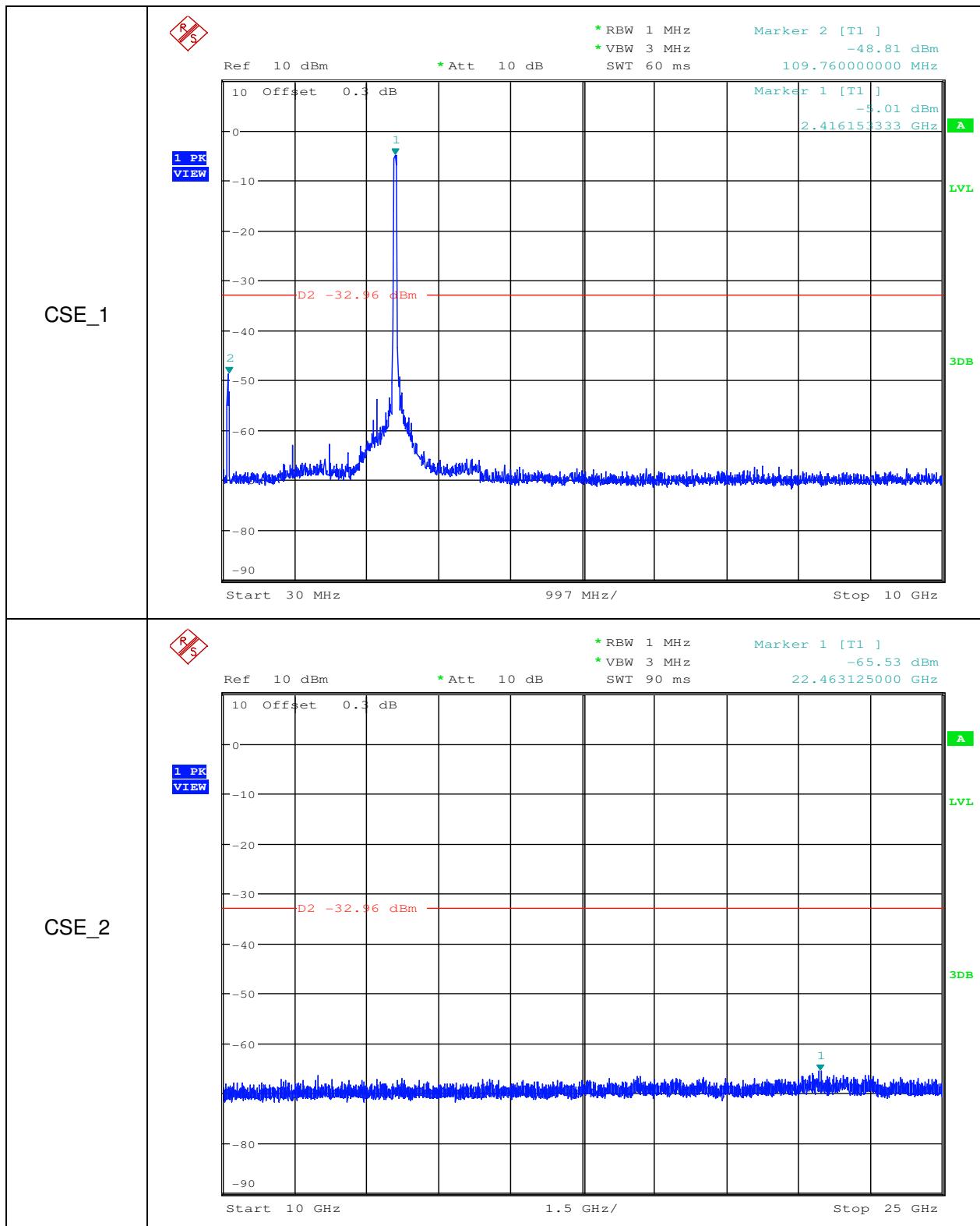


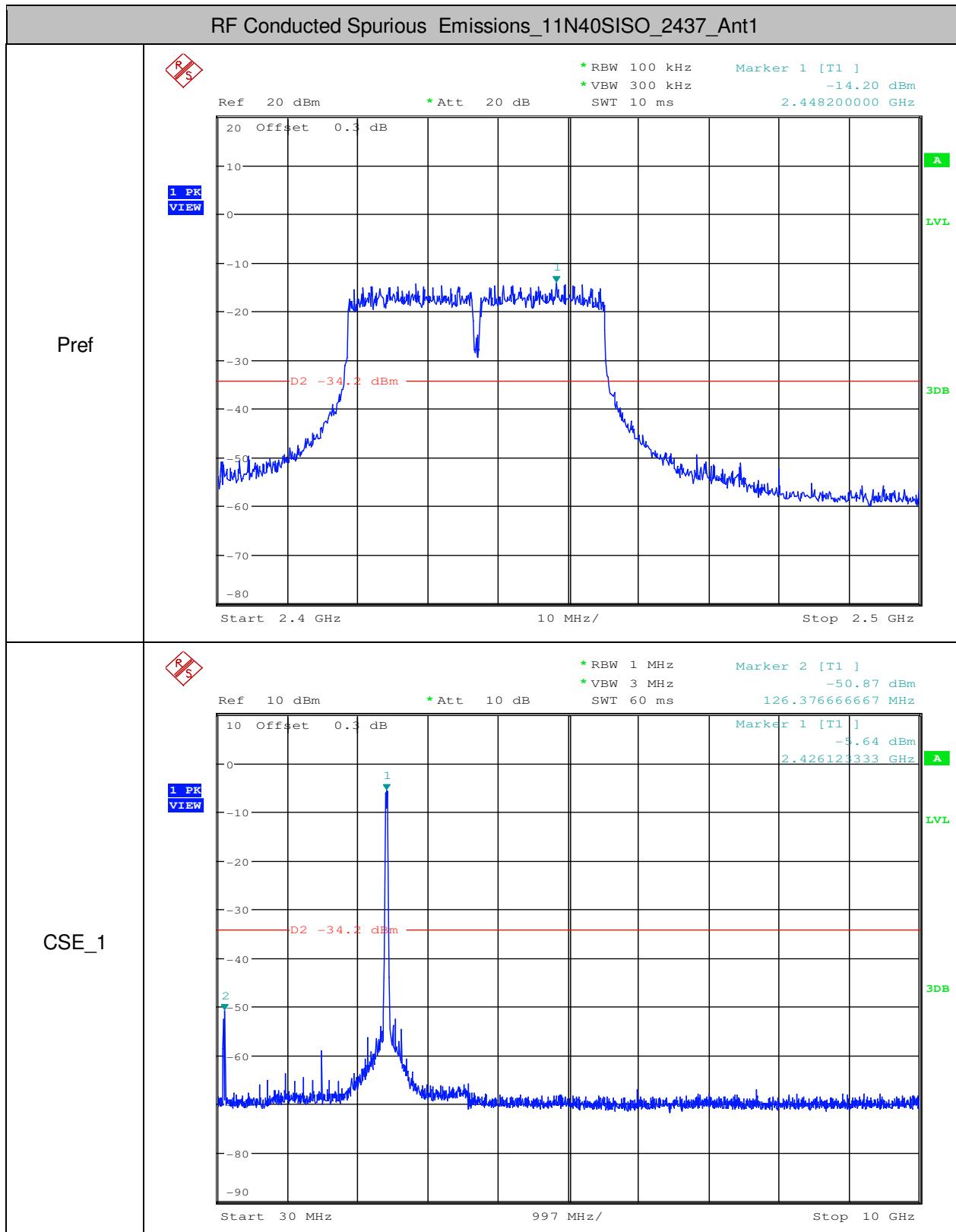


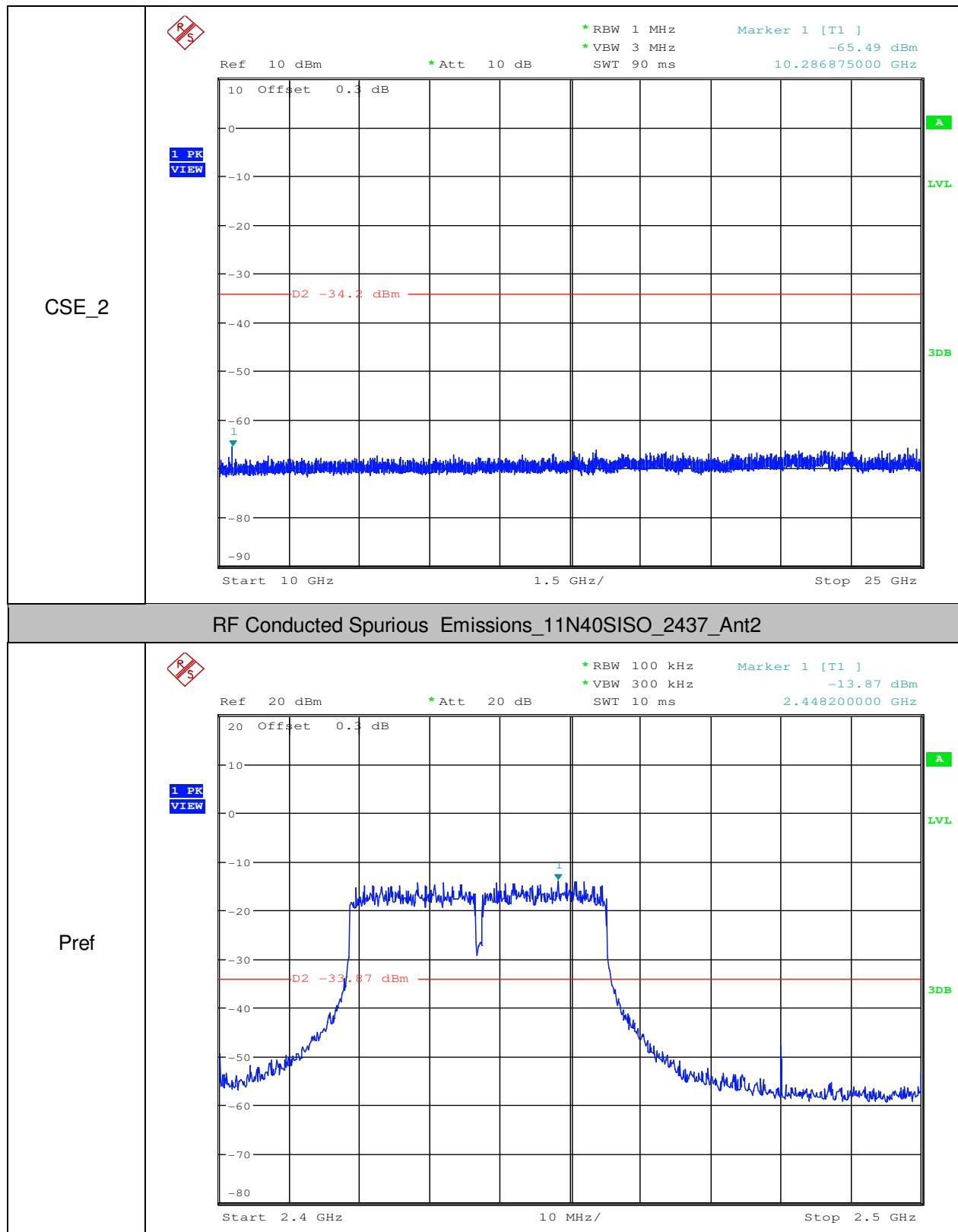


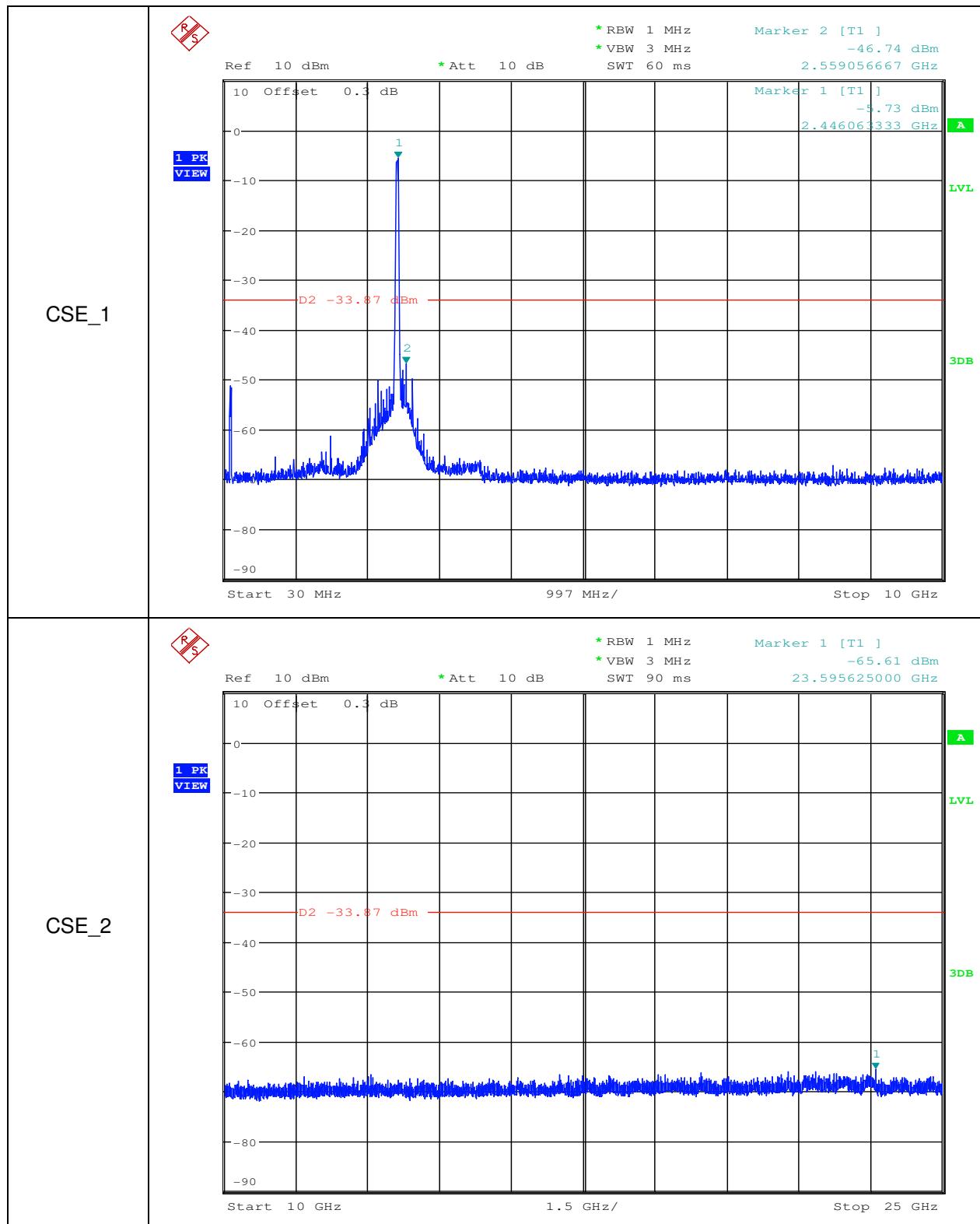


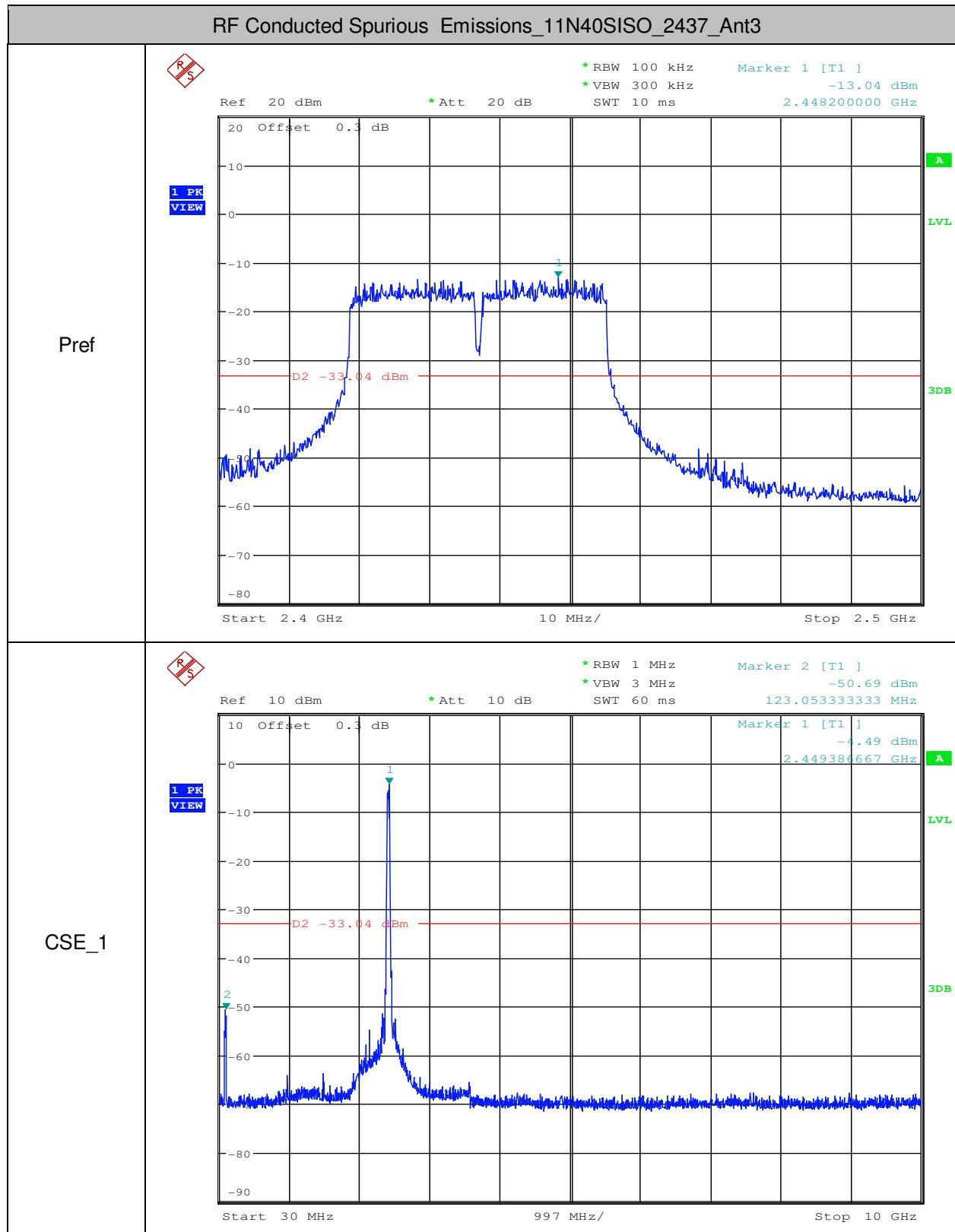


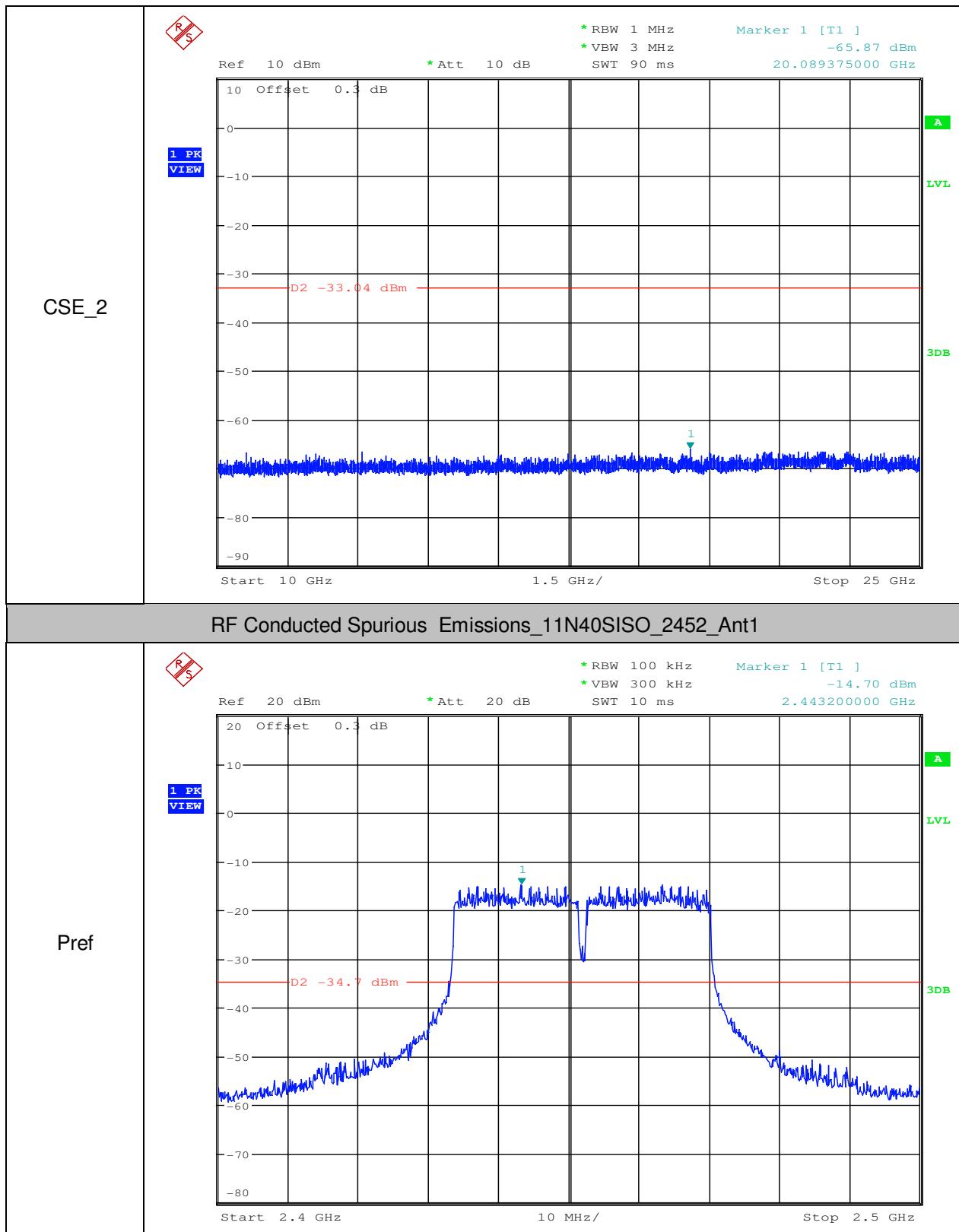


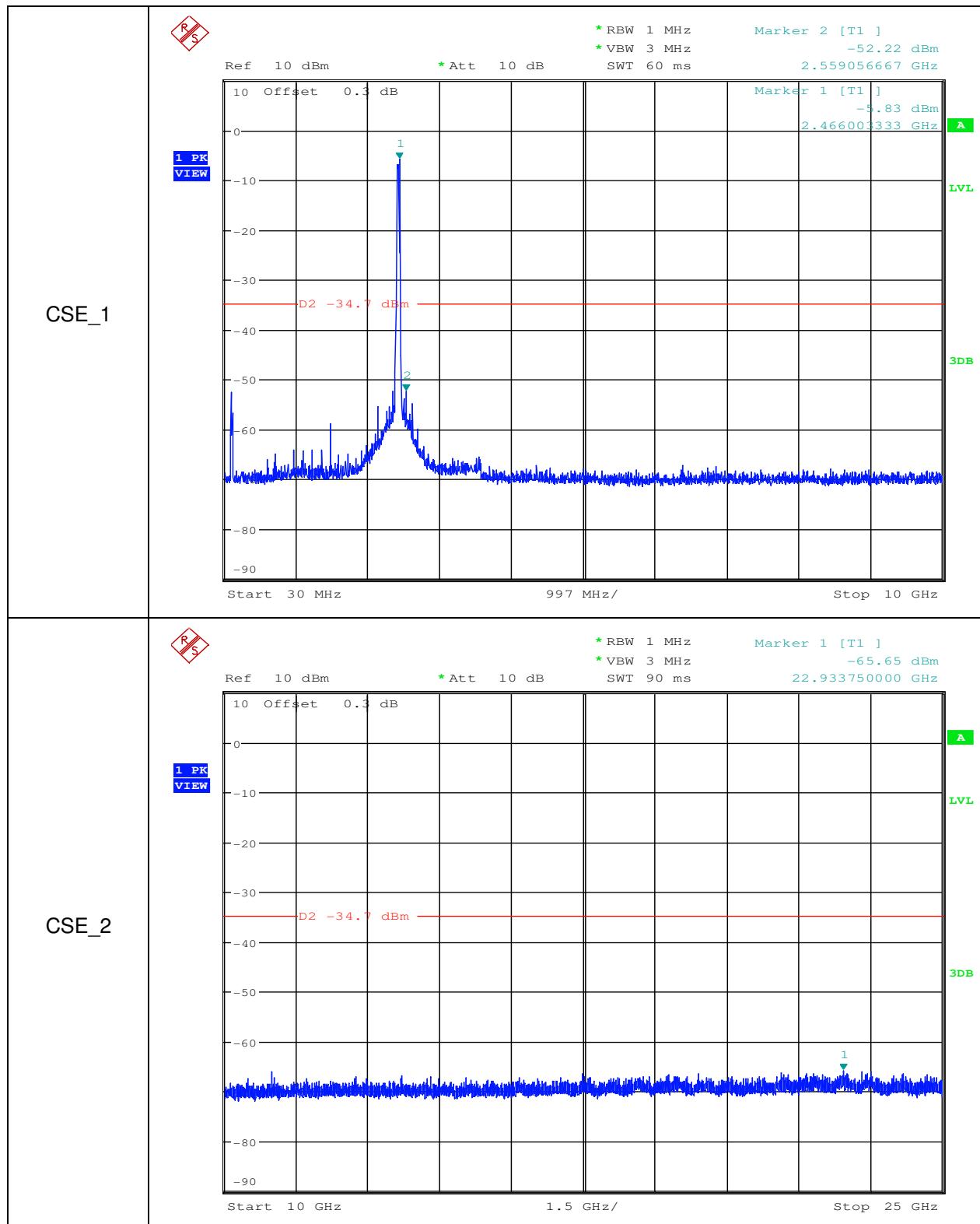


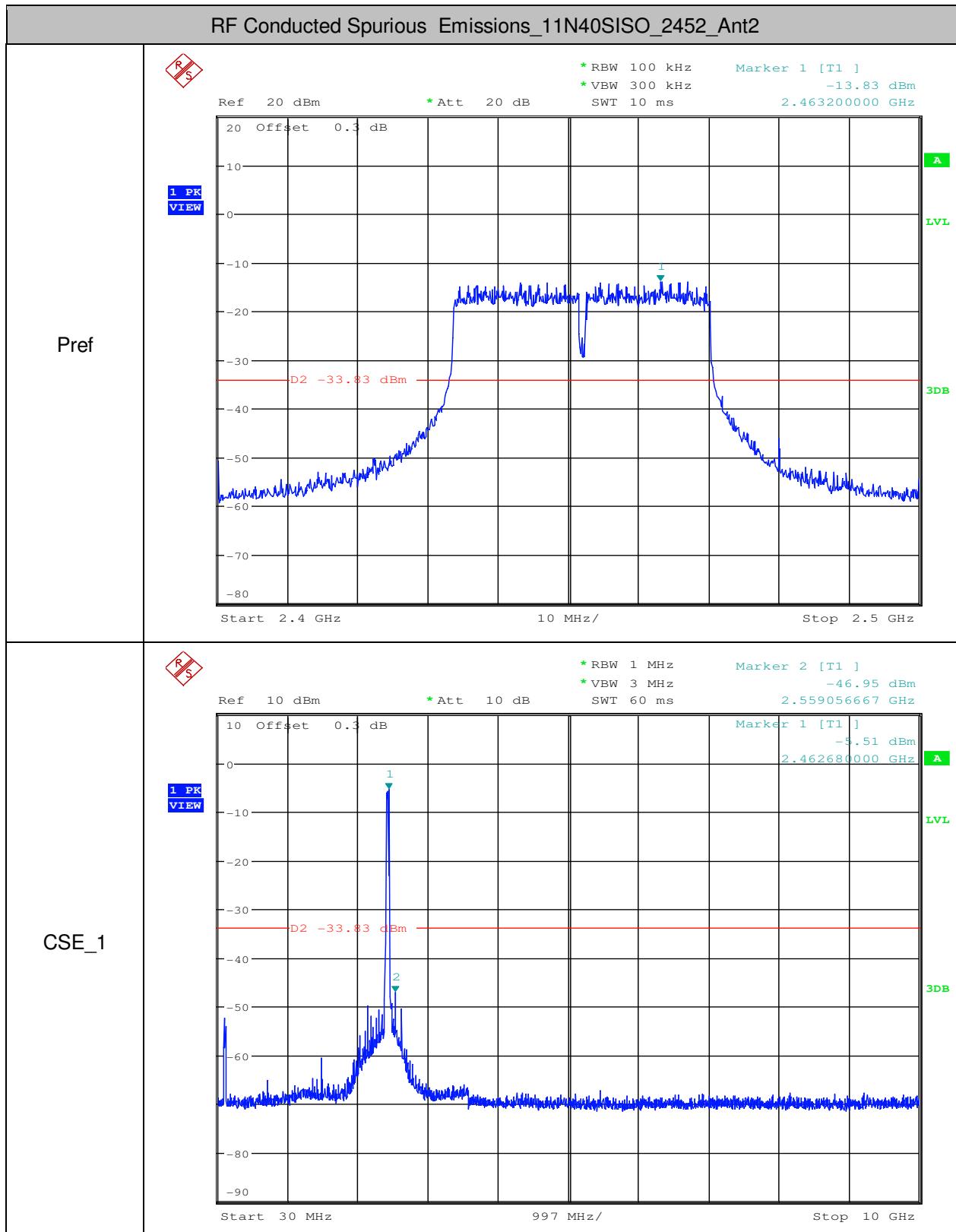


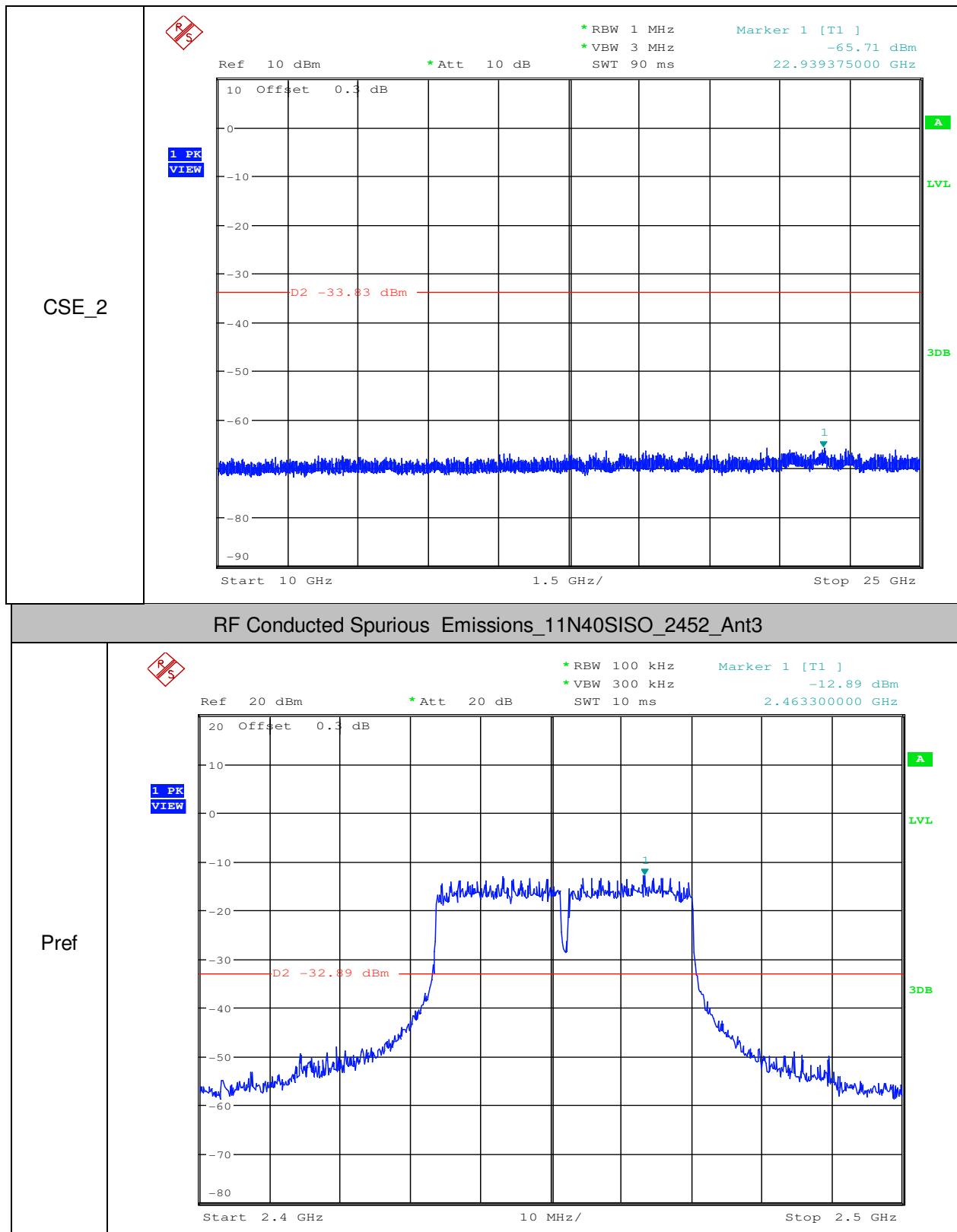


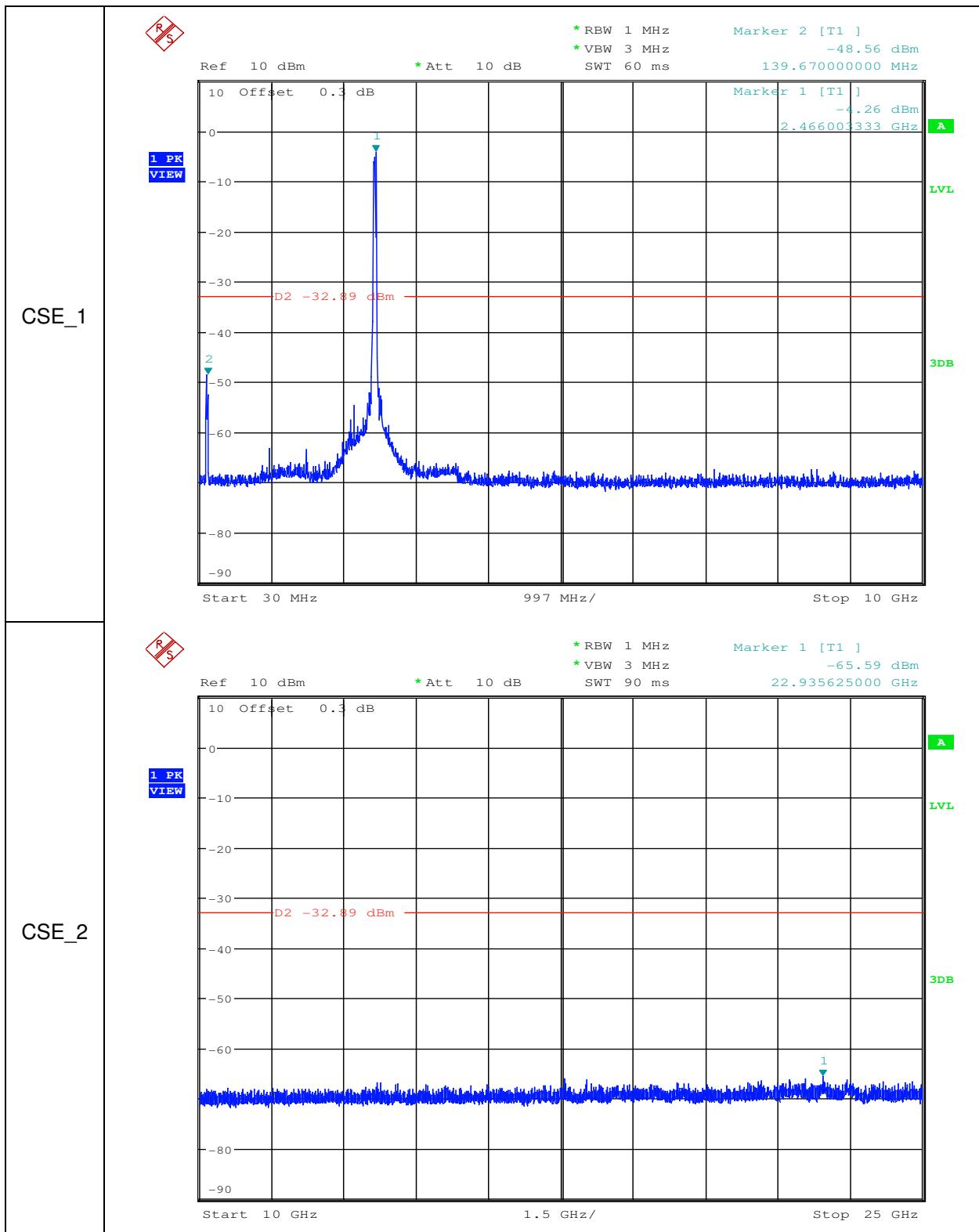












- End of the Report -