

4. Maximum Power Spectral Density

802.11a mode					
Frequency (MHz)	Power Spectral Density			Limit	Result
	Ant.1	Ant.2	Ant.3		
5180.00	-2.53	-1.67	-2.98	17 dBm/1MHz	Pass
5220.00	-2.69	-1.12	-2.41	17 dBm/1MHz	Pass
5240.00	-2.10	-0.83	-2.03	17 dBm/1MHz	Pass
5745.00	-5.05	-3.93	-3.55	30 dBm/500kHz	Pass
5785.00	-4.40	-4.21	-3.44	30 dBm/500kHz	Pass
5825.00	-3.22	-3.67	-4.24	30 dBm/500kHz	Pass

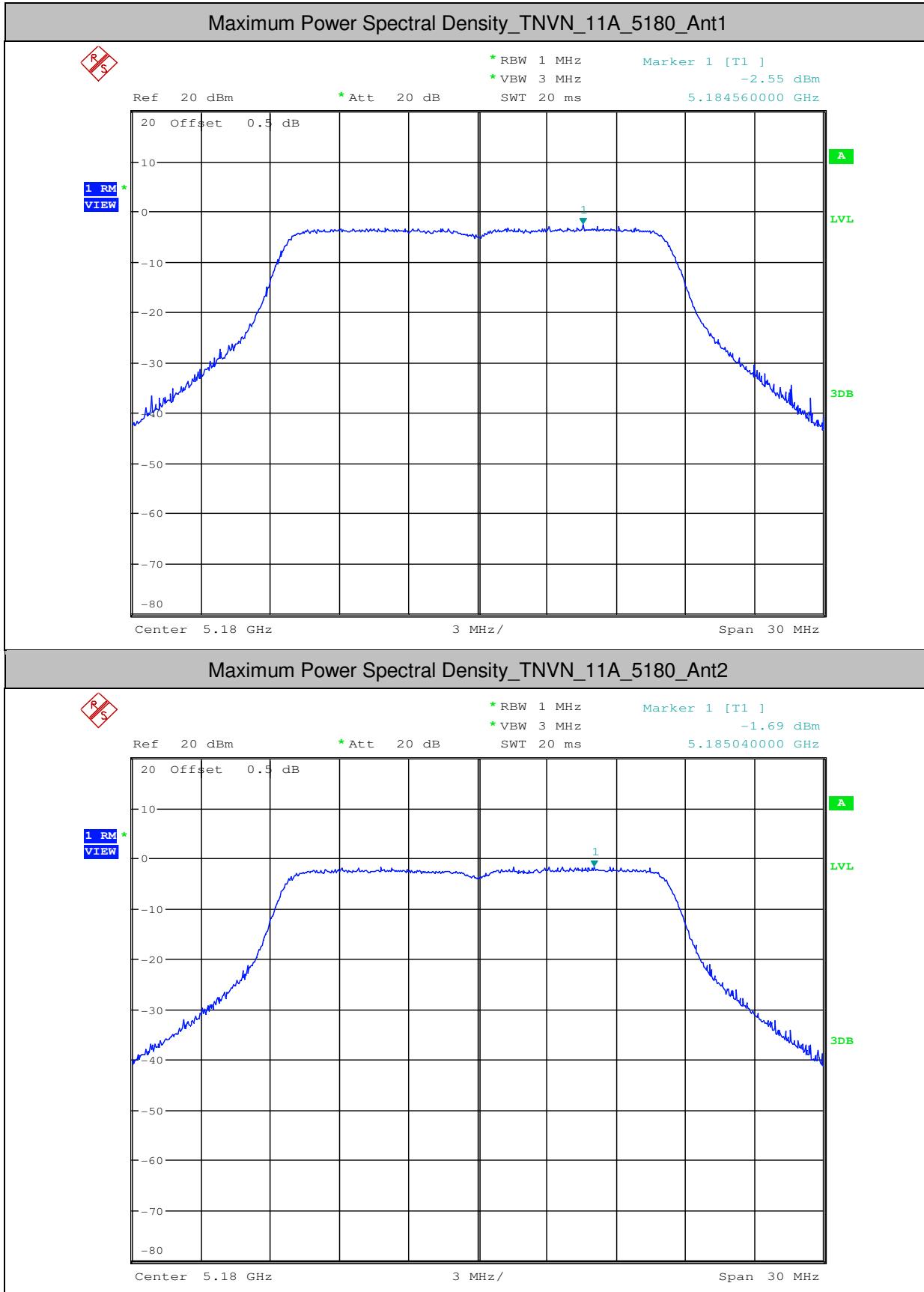
802.11 n20 mode						Result	
Frequency (MHz)	Power Spectral Density				Limit		
	Ant.1	Ant.2	Ant.3	Total			
5180.00	-3.47	-1.94	-3.15	1.97	17 dBm/1MHz	Pass	
5220.00	-2.81	-1.58	-2.68	2.45	17 dBm/1MHz	Pass	
5240.00	-2.62	-1.21	-2.19	2.81	17 dBm/1MHz	Pass	
5745.00	-5.30	-4.50	-3.65	0.34	30 dBm/500kHz	Pass	
5785.00	-4.81	-4.54	-3.79	0.41	30 dBm/500kHz	Pass	
5825.00	-4.07	-3.99	-4.39	0.62	30 dBm/500kHz	Pass	

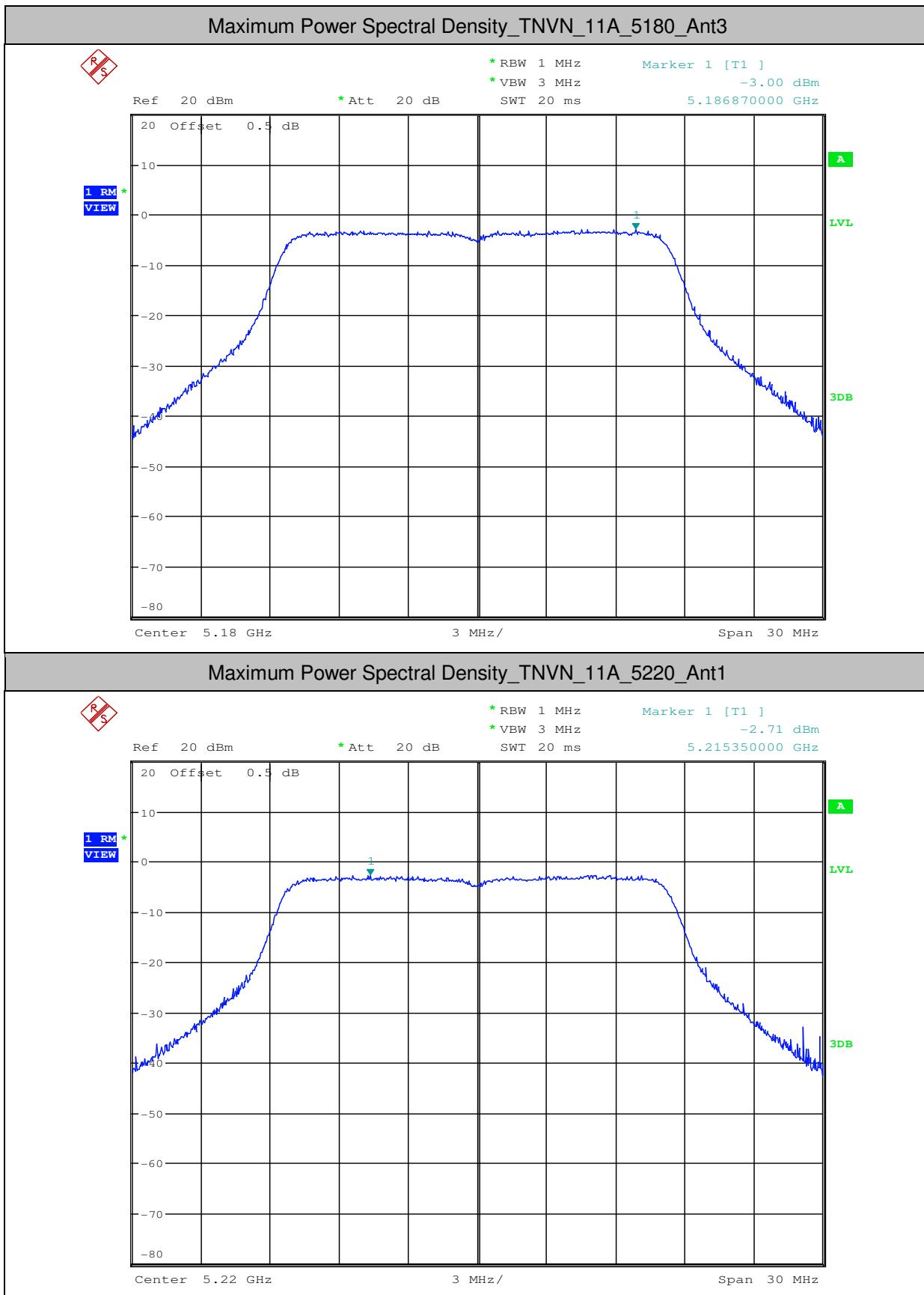
802.11 n40 mode						
Frequency (MHz)	Power Spectral Density			Limit	Result	
	Ant.1	Ant.2	Ant.3	Total		
5190.00	-7.30	-5.84	-6.83	-1.84	17 dBm/1MHz	Pass
5230.00	-6.82	-5.67	-6.32	-1.47	17 dBm/1MHz	Pass
5755.00	-9.04	-8.48	-7.67	-3.59	30 dBm/500kHz	Pass
5795.00	-8.28	-8.30	-8.11	-3.46	30 dBm/500kHz	Pass

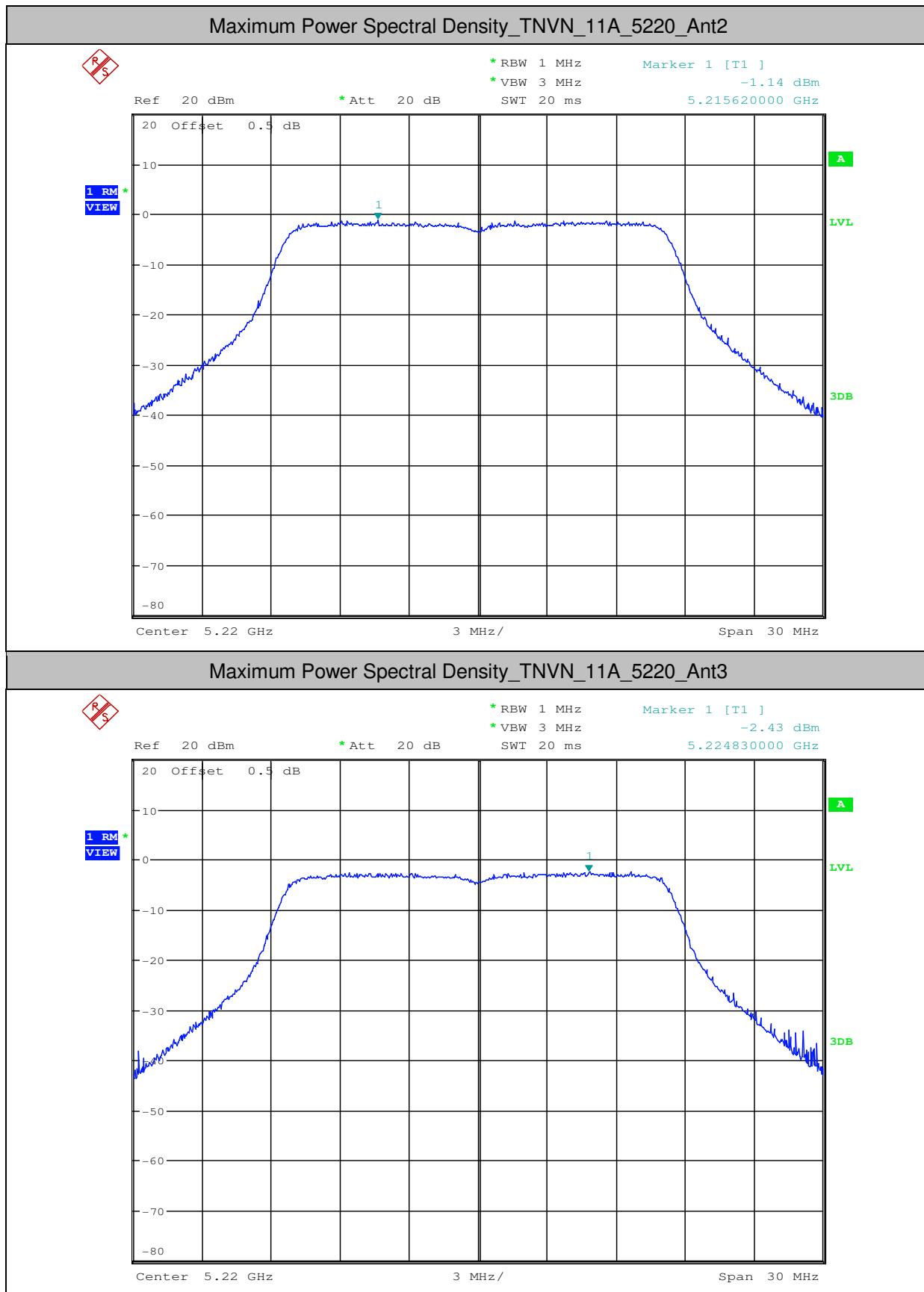
802.11ac 20 mode						Result	
Frequency (MHz)	Power Spectral Density				Limit		
	Ant.1	Ant.2	Ant.3	Total			
5180.00	-3.36	-1.93	-3.09	2.02	17 dBm/1MHz	Pass	
5220.00	-2.97	-1.49	-2.69	2.44	17 dBm/1MHz	Pass	
5240.00	-2.2	-1.14	-2.41	2.89	17 dBm/1MHz	Pass	
5745.00	-5.37	-4.31	-3.80	0.33	30 dBm/500kHz	Pass	
5785.00	-4.64	-4.75	-3.79	0.40	30 dBm/500kHz	Pass	
5825.00	-3.58	-4.15	-4.72	0.65	30 dBm/500kHz	Pass	

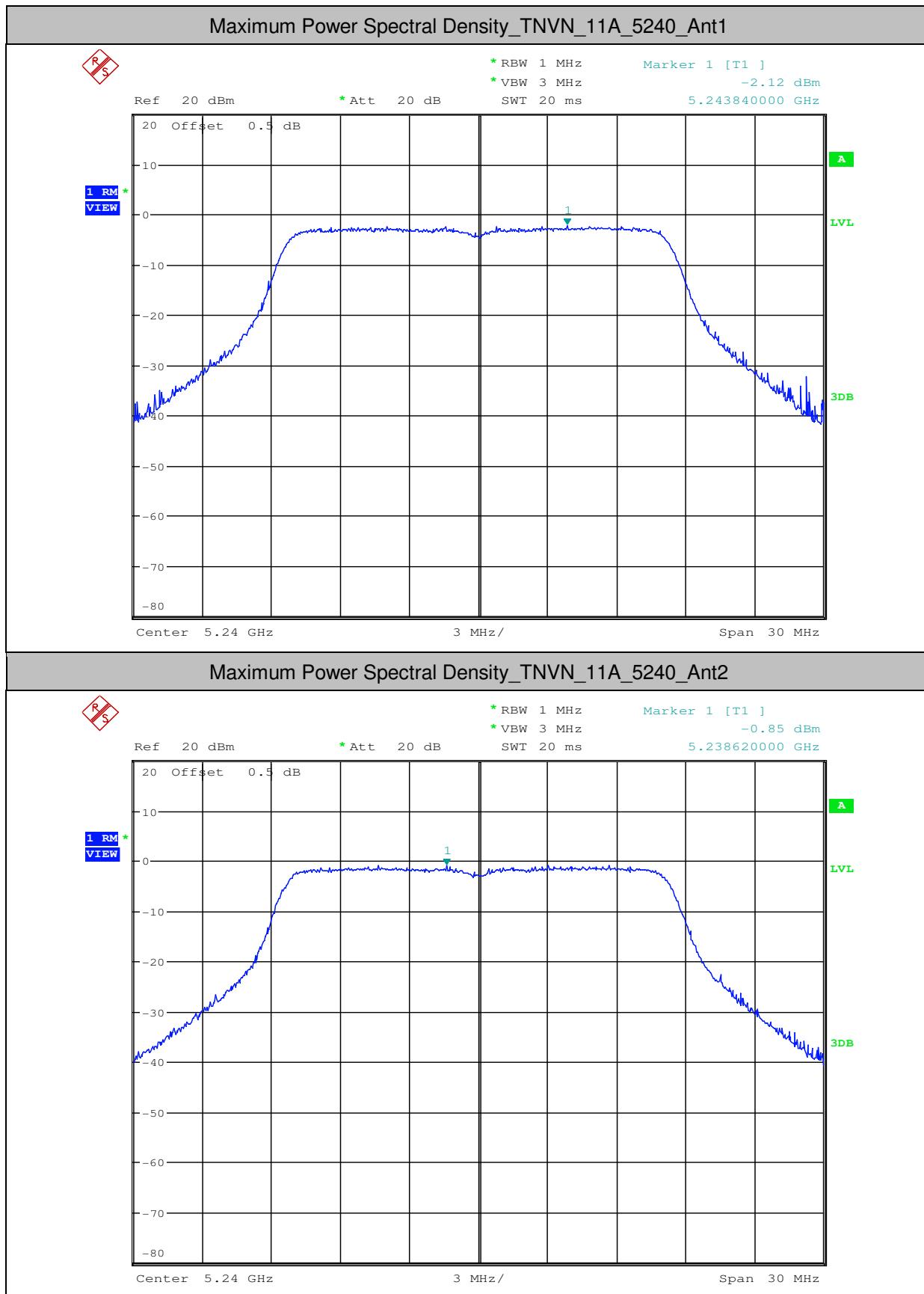
802.11ac 40 mode						
Frequency (MHz)	Power Spectral Density				Limit	Result
	Ant.1	Ant.2	Ant.3	Total		
5190.00	-7.75	-5.81	-7.19	-2.07	17 dBm/1MHz	Pass
5230.00	-6.54	-5.51	-6.46	-1.37	17 dBm/1MHz	Pass
5755.00	-8.87	-7.84	-7.70	-3.34	30 dBm/500kHz	Pass
5795.00	-8.46	-7.68	-7.81	-3.20	30 dBm/500kHz	Pass

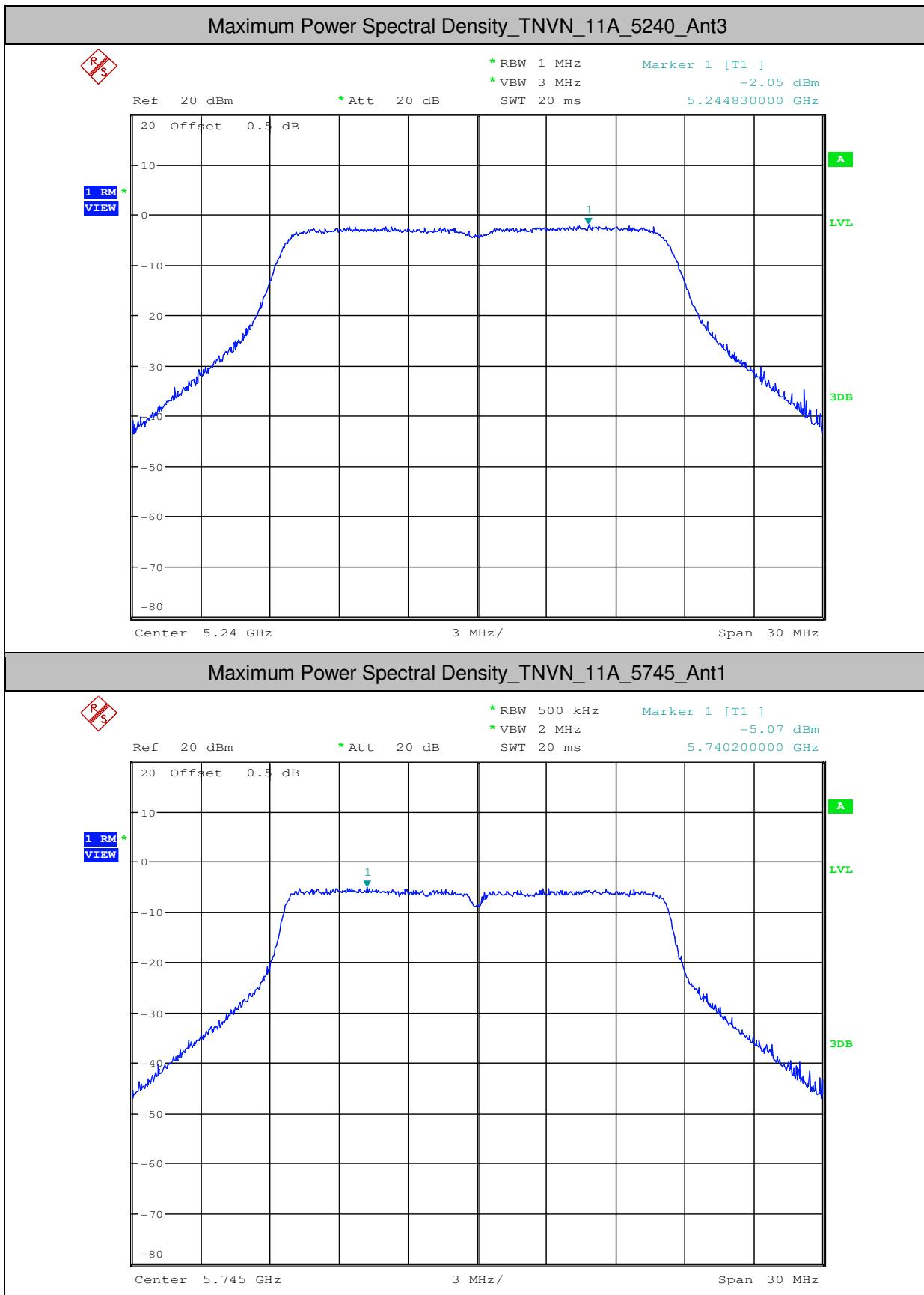
802.11ac 80 mode						
Frequency (MHz)	Power Spectral Density				Limit	Result
	Ant.1	Ant.2	Ant.3	Total		
5210.00	-10.82	-9.81	-10.50	-5.58	17 dBm/1MHz	Pass
5775.00	-12.94	-11.99	-11.44	-7.31	30 dBm/500kHz	Pass

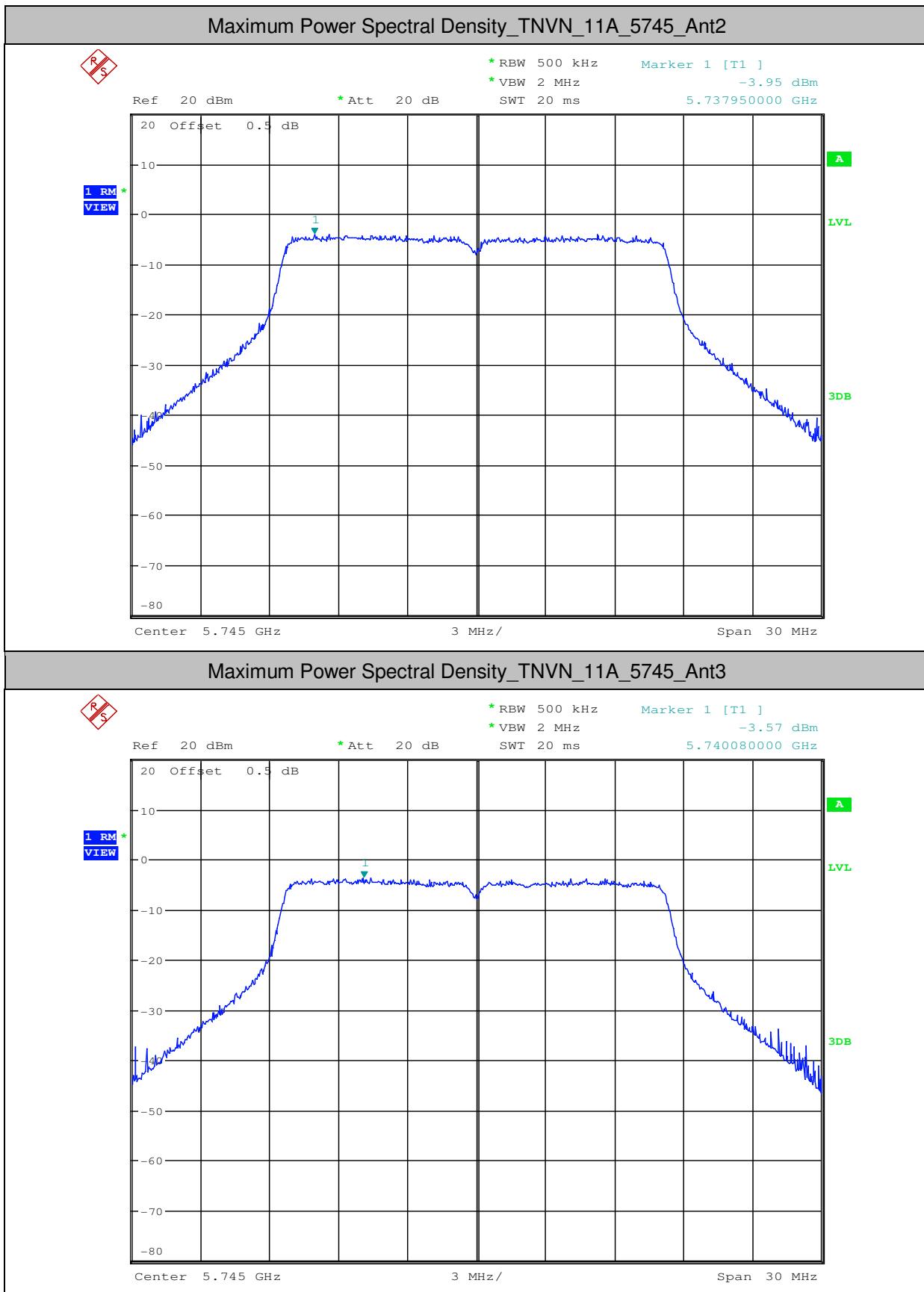


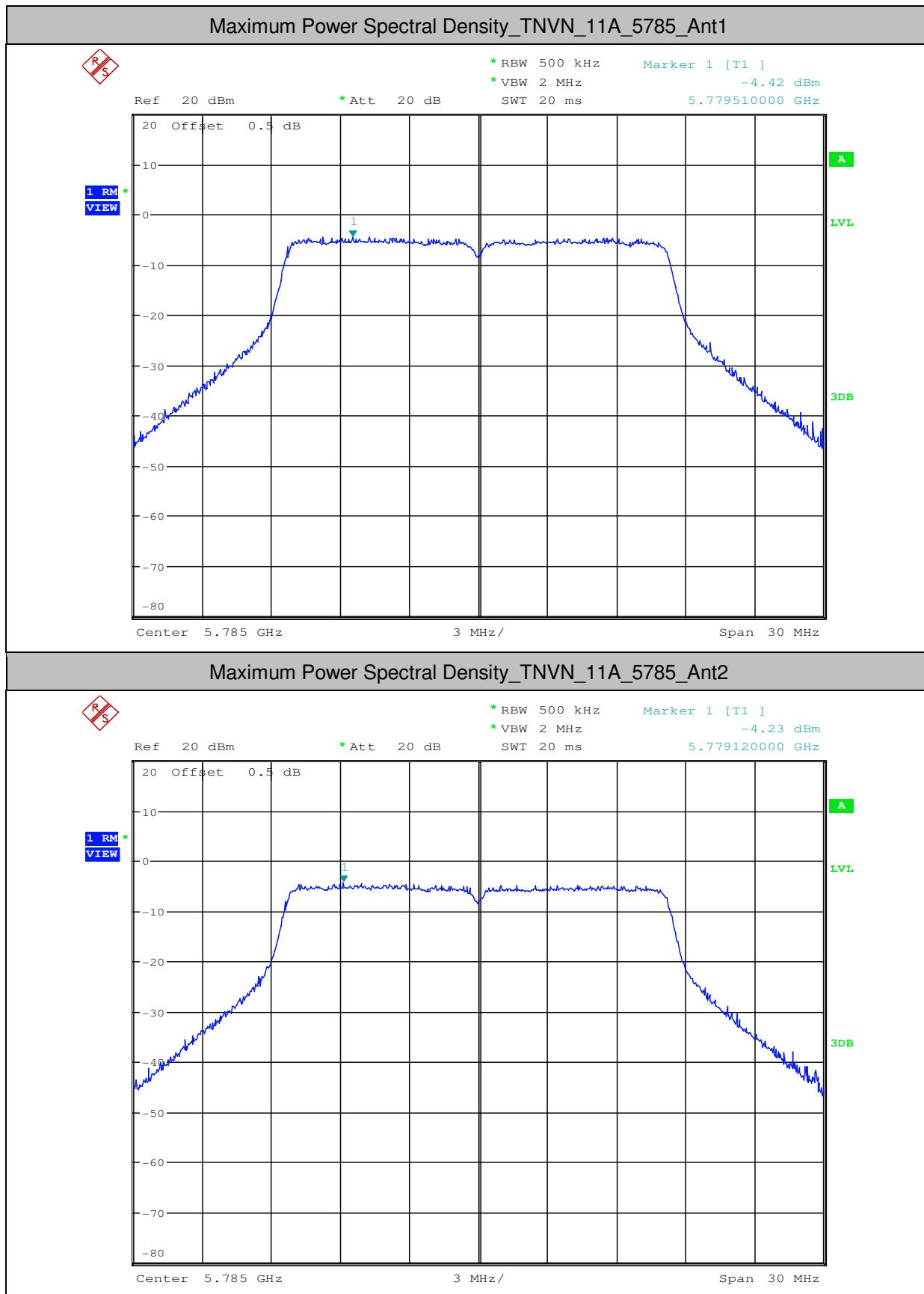


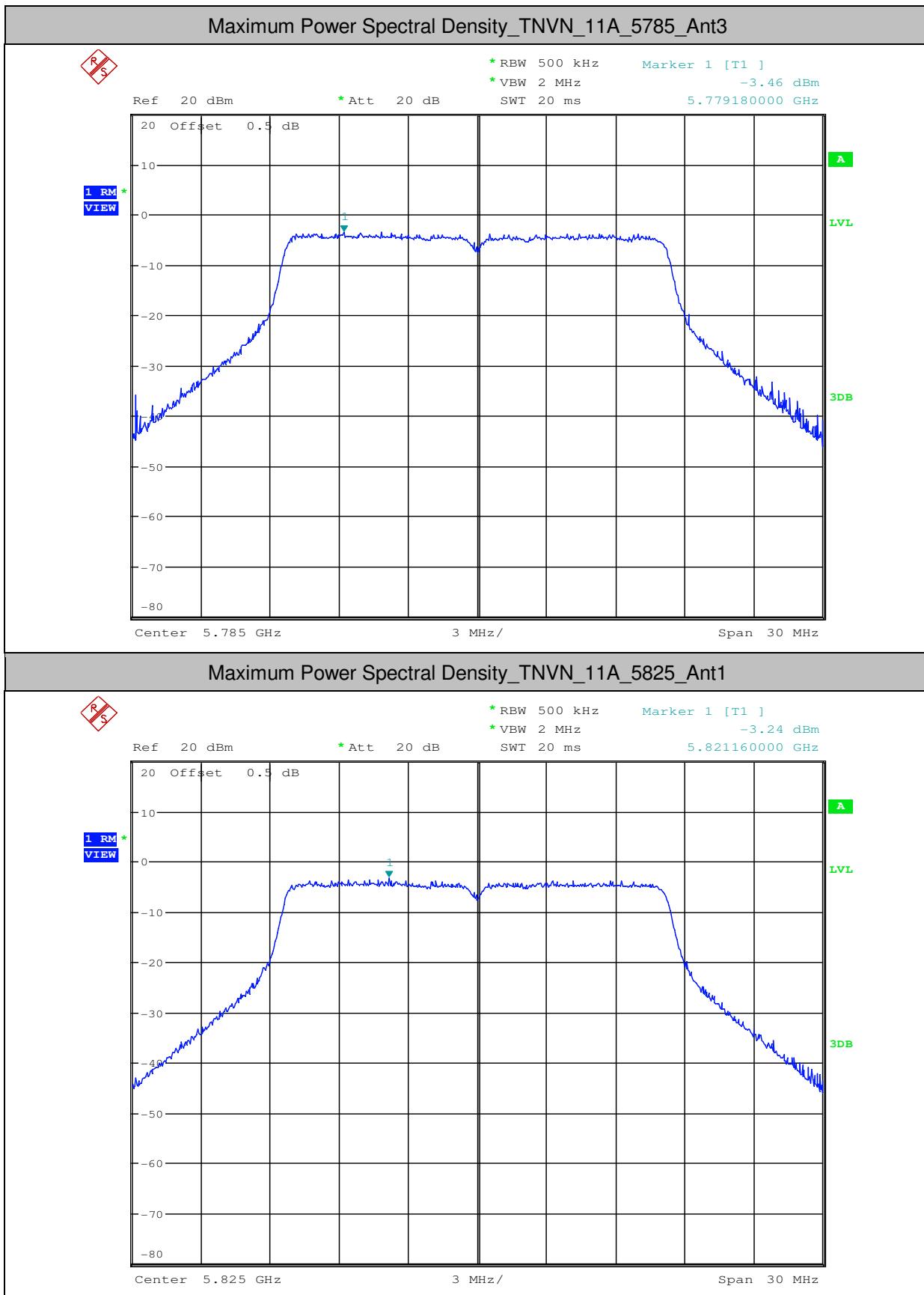


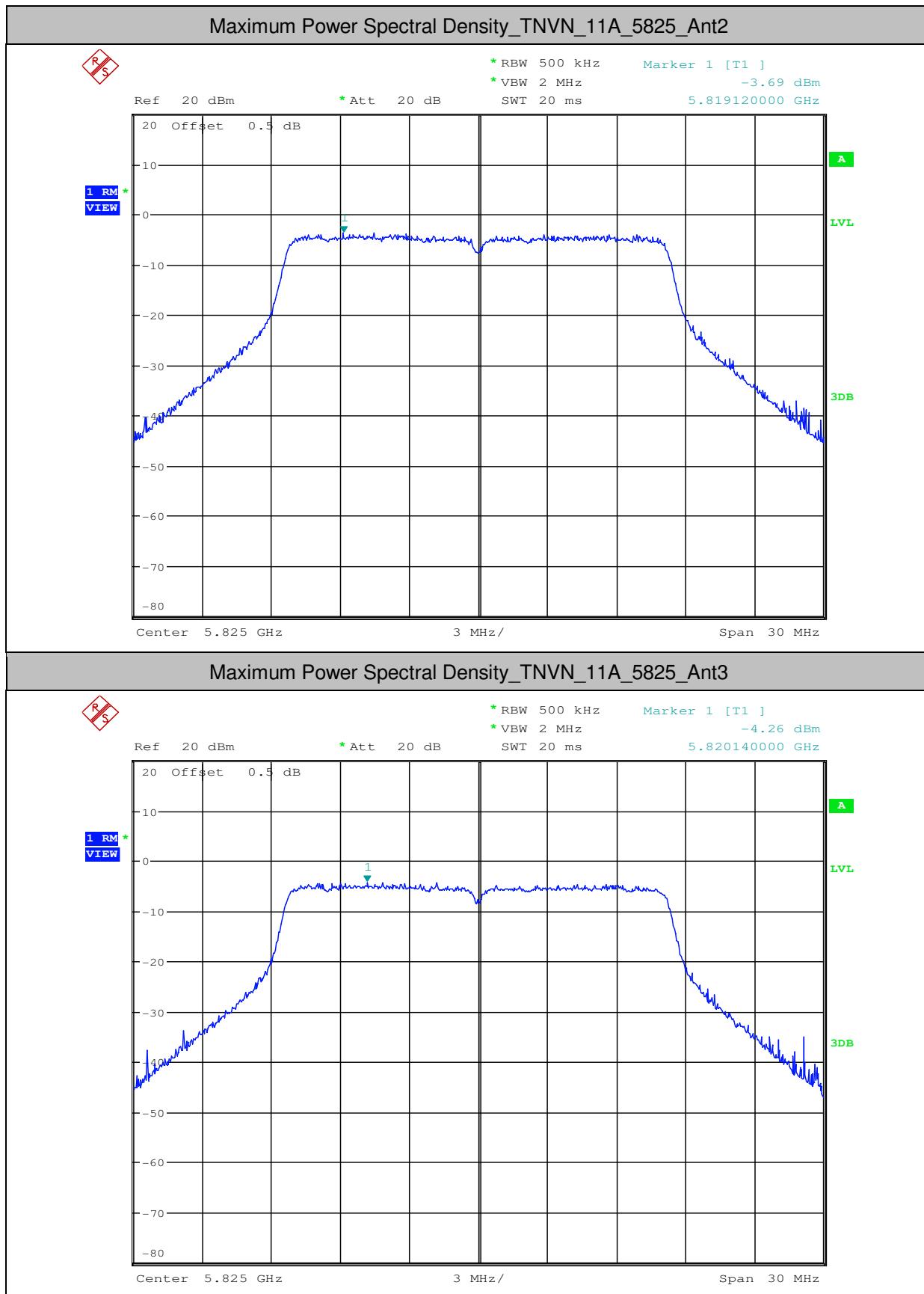


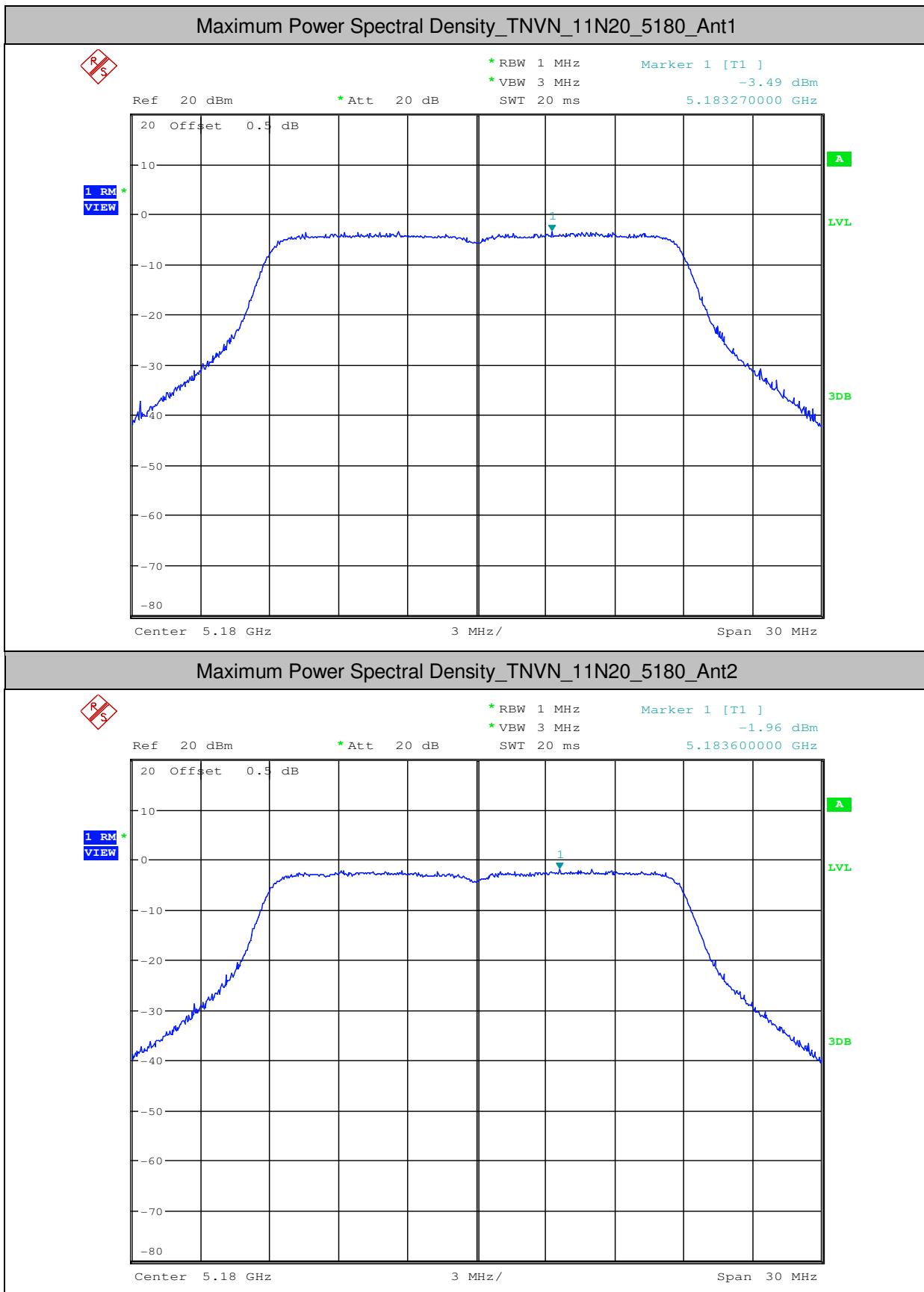


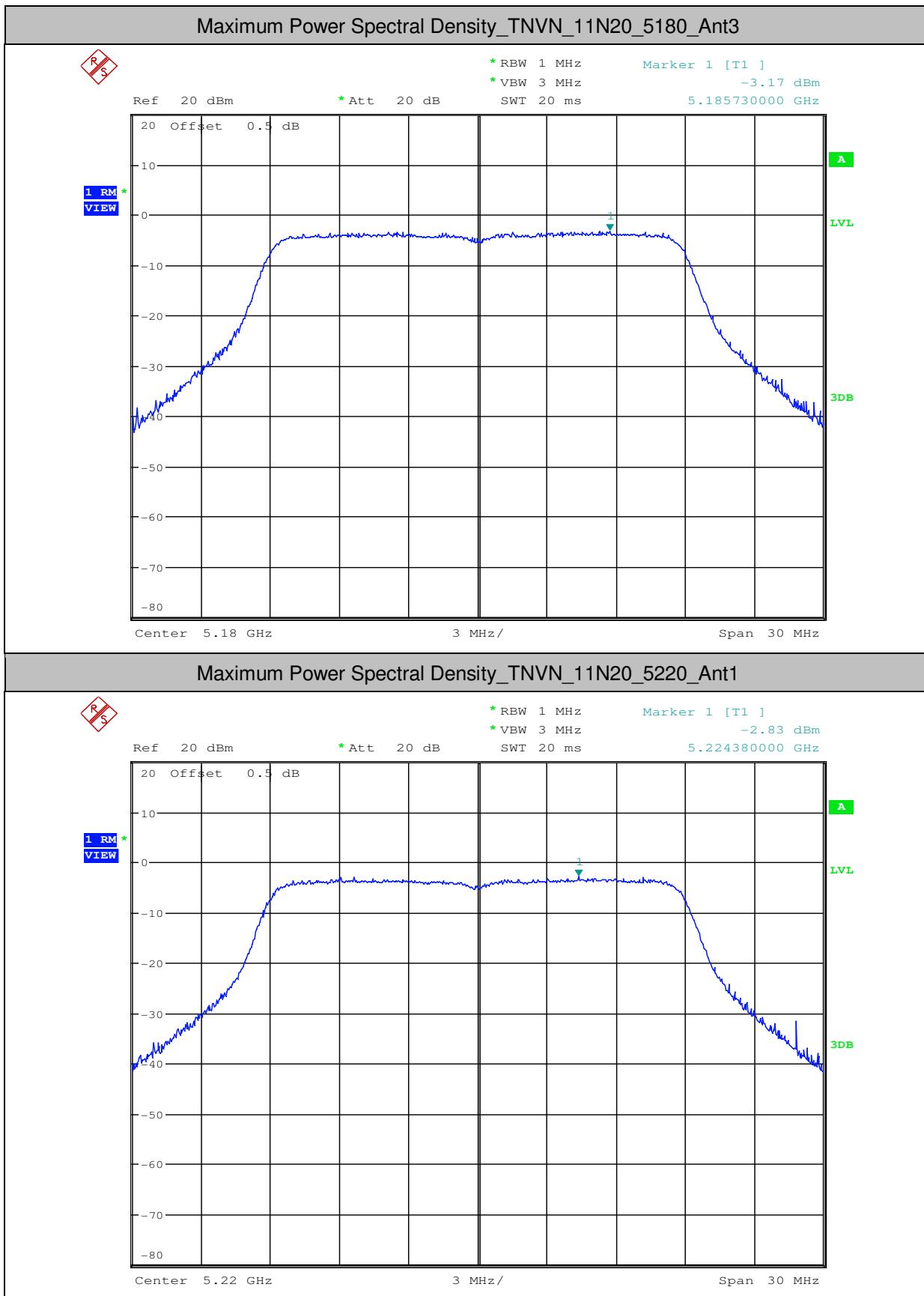


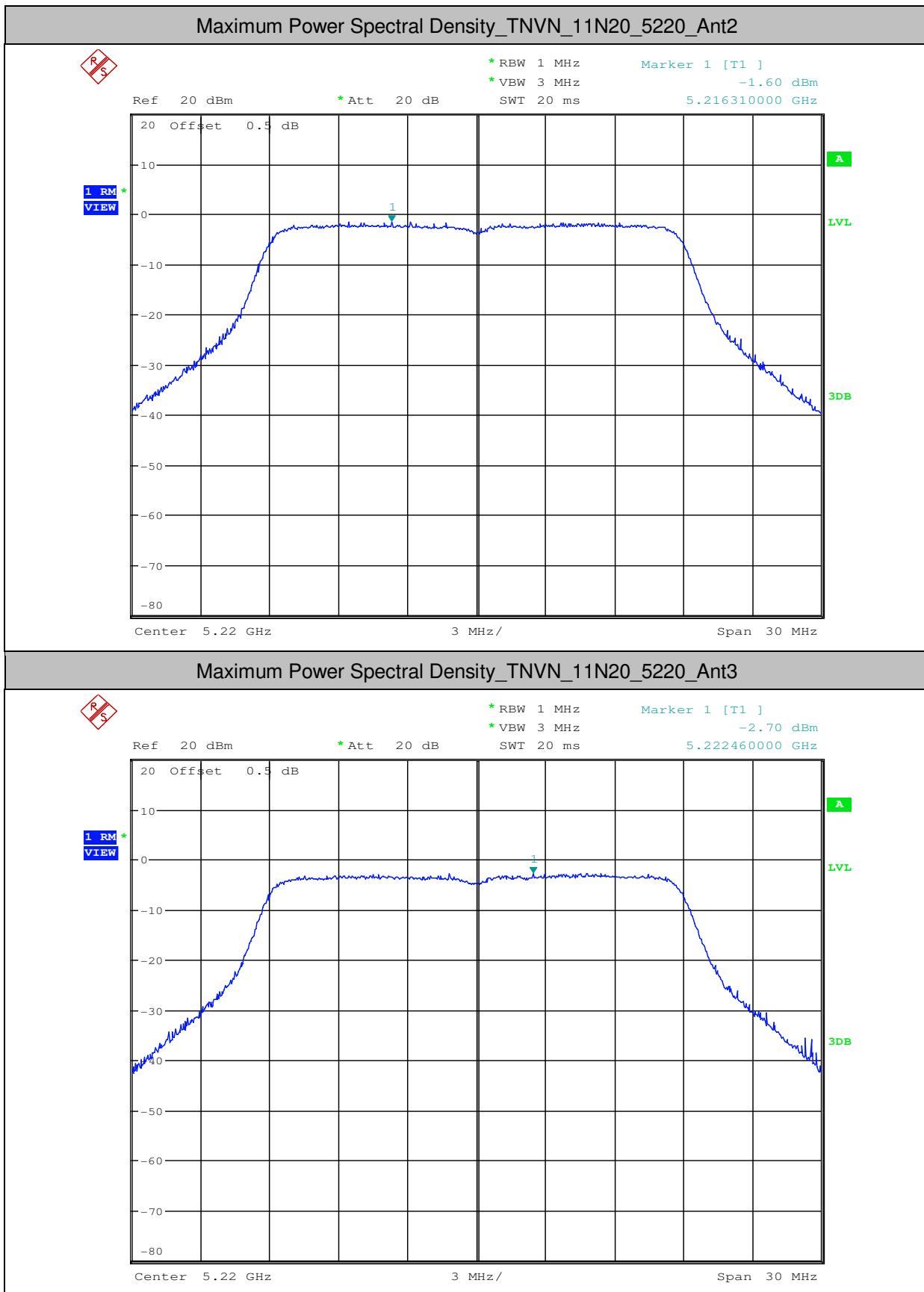


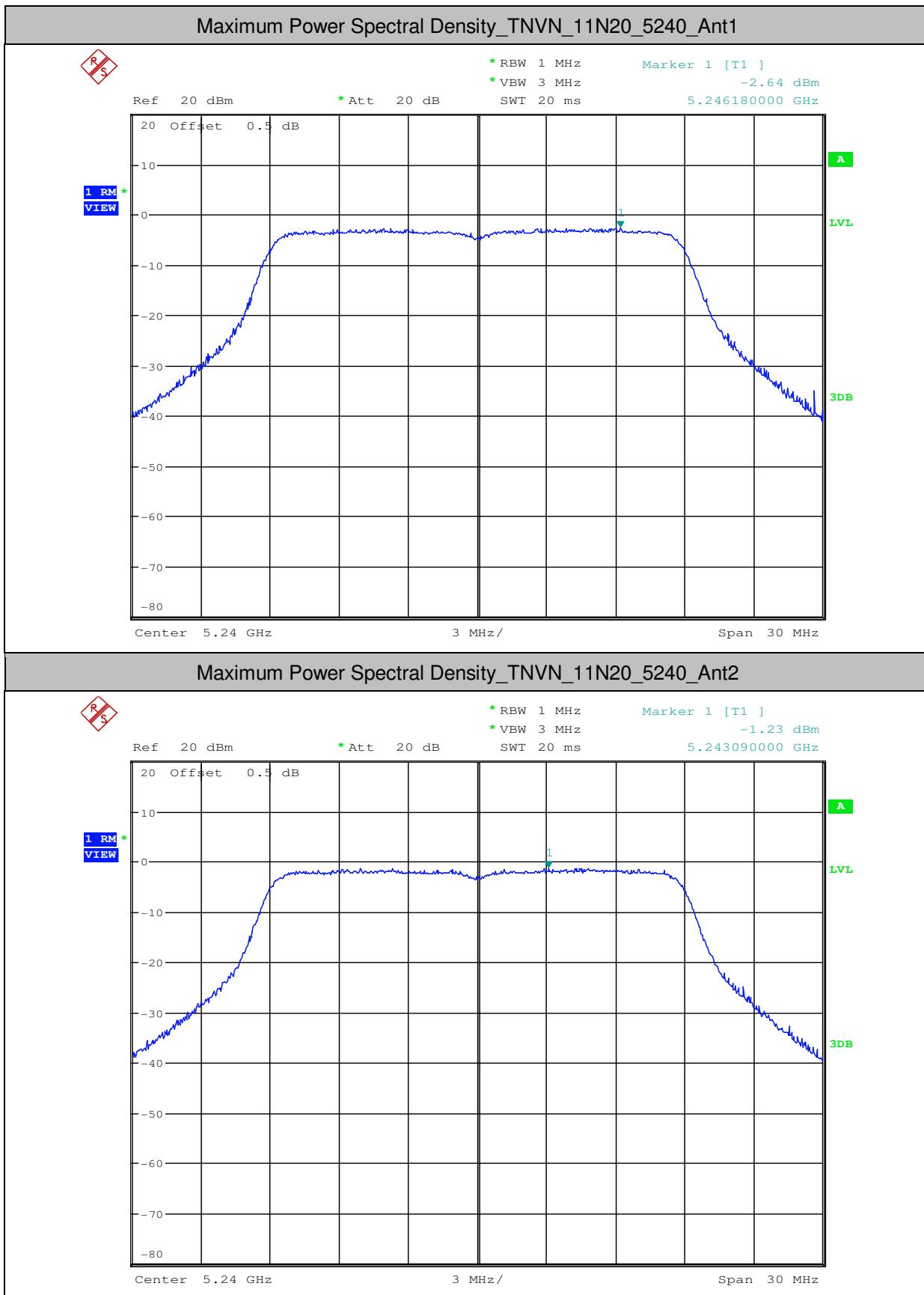


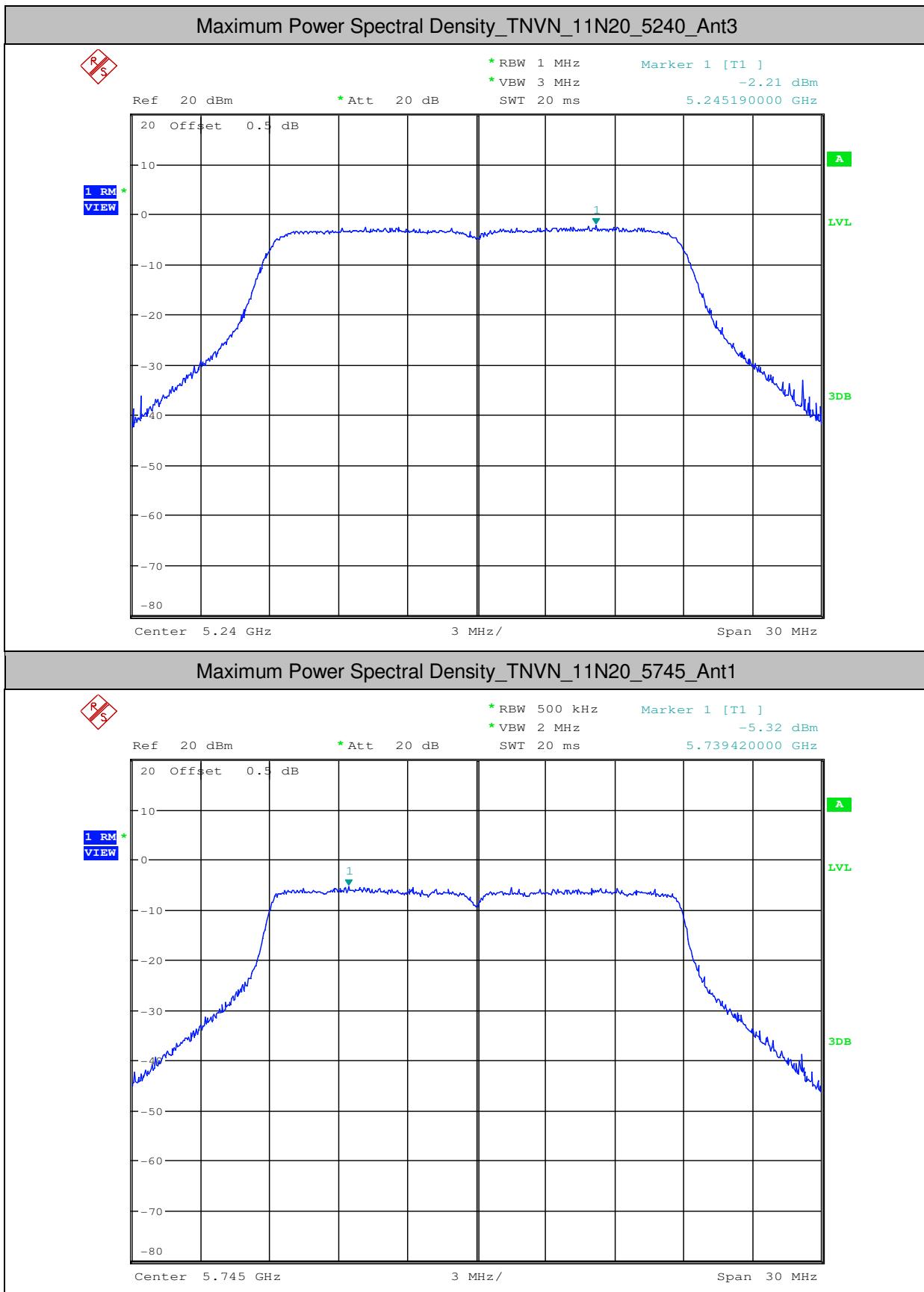


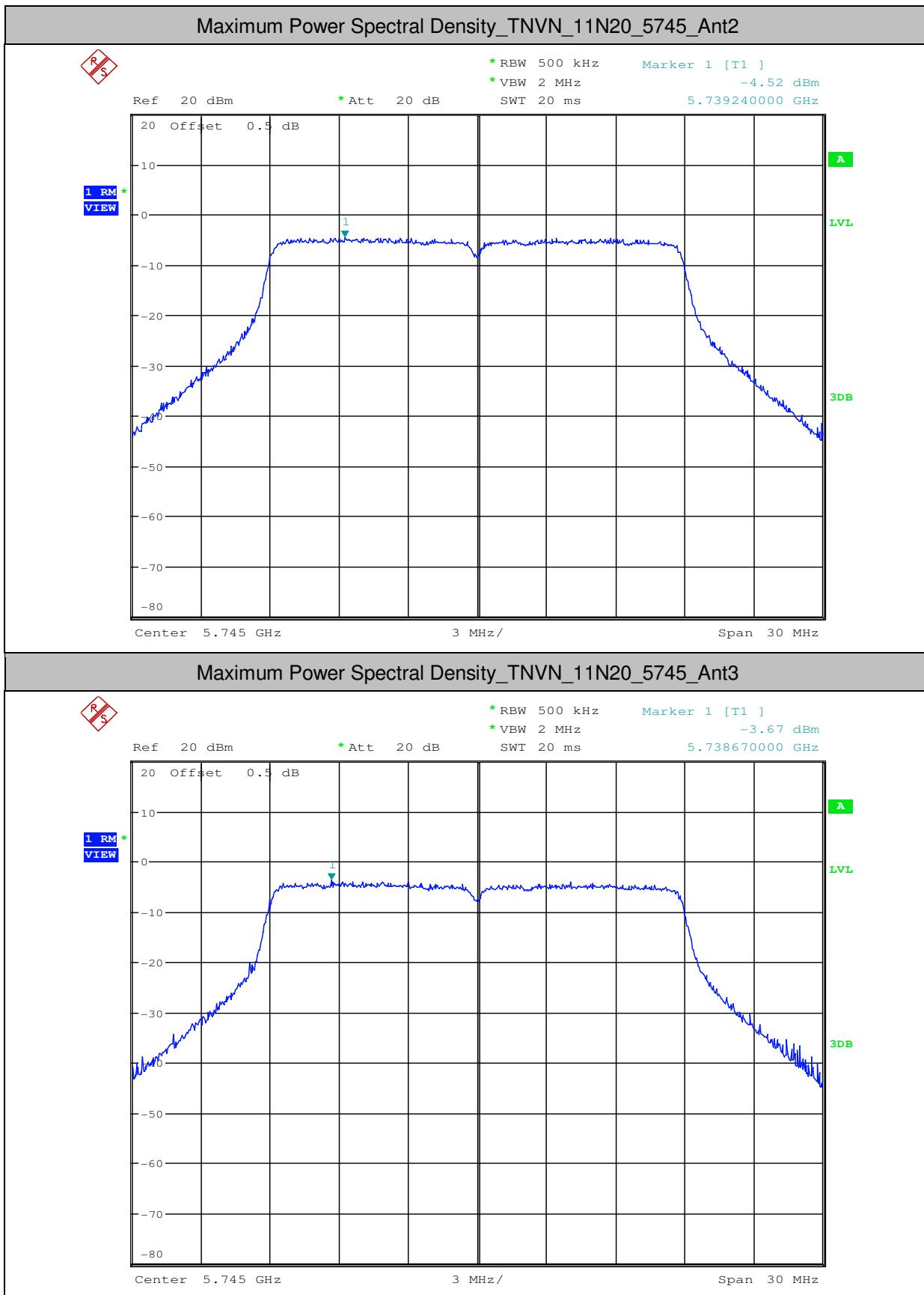


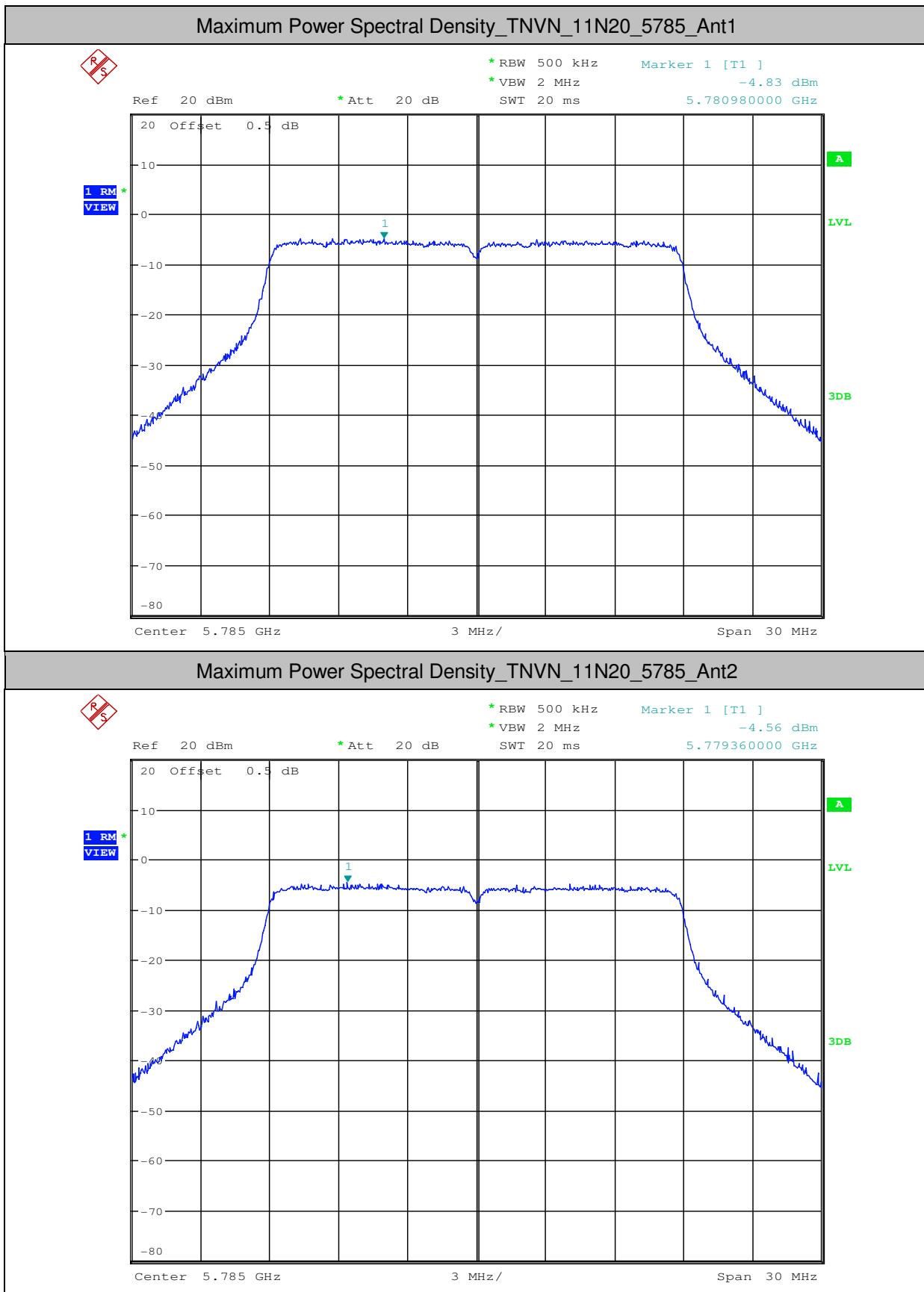


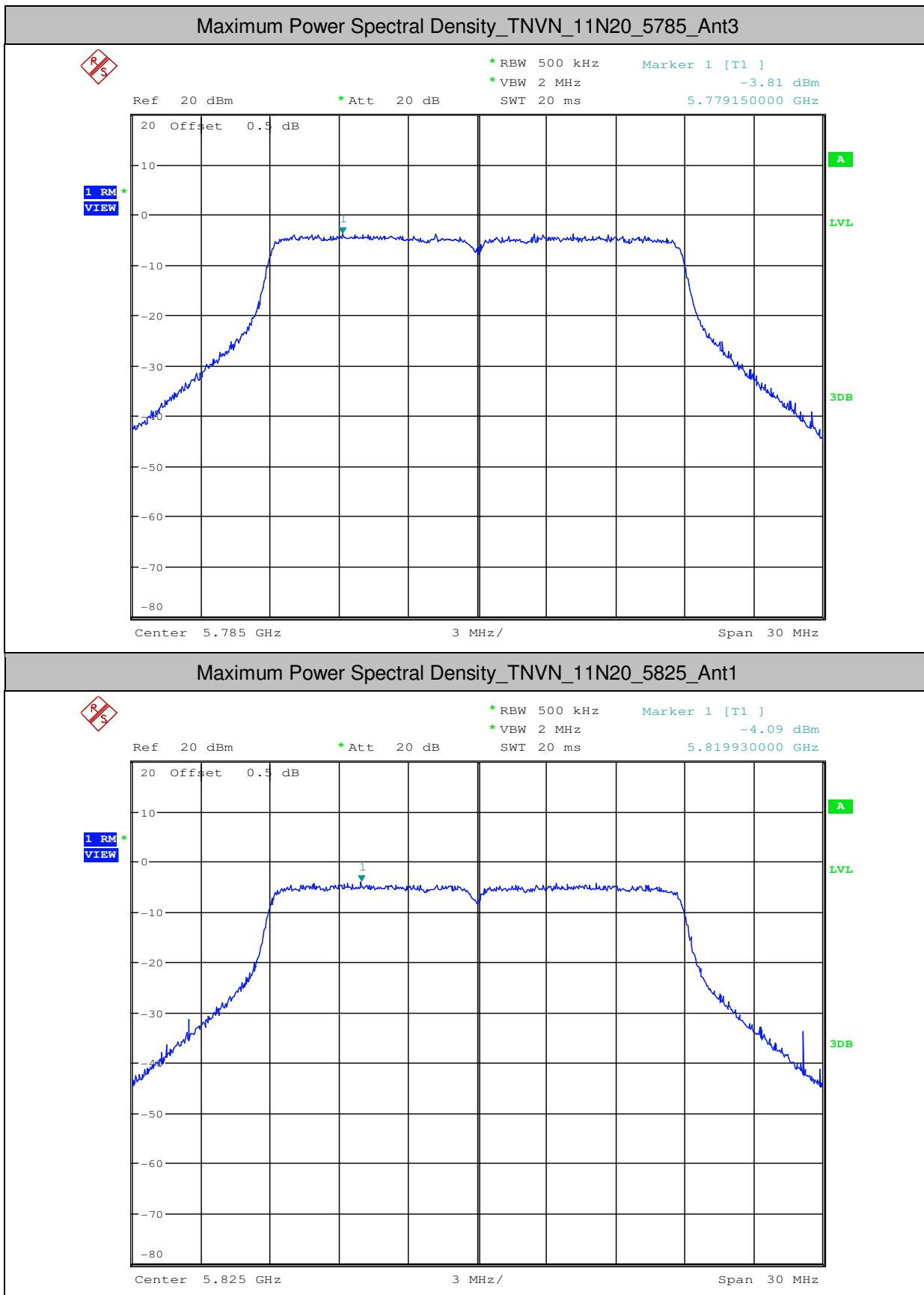


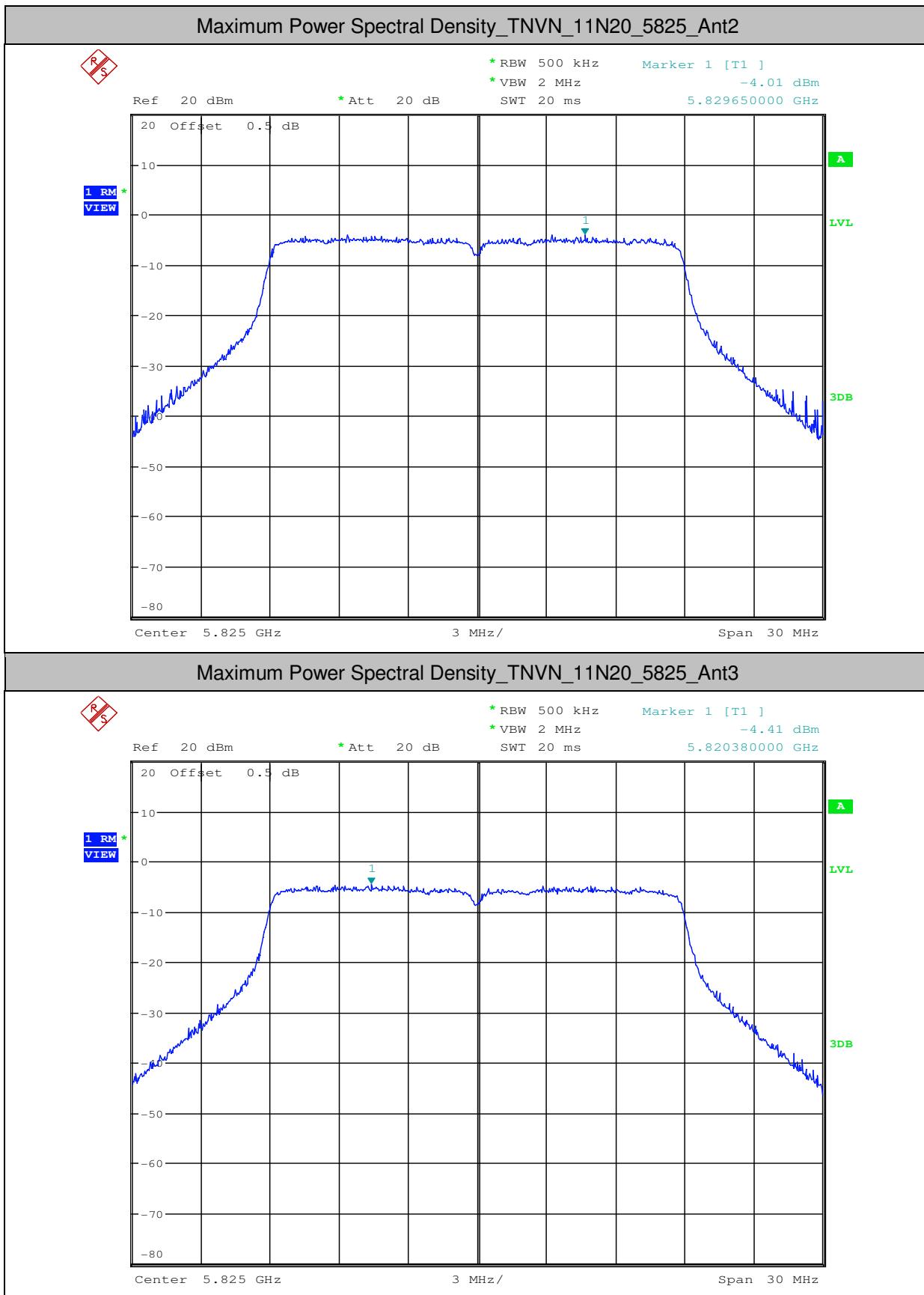


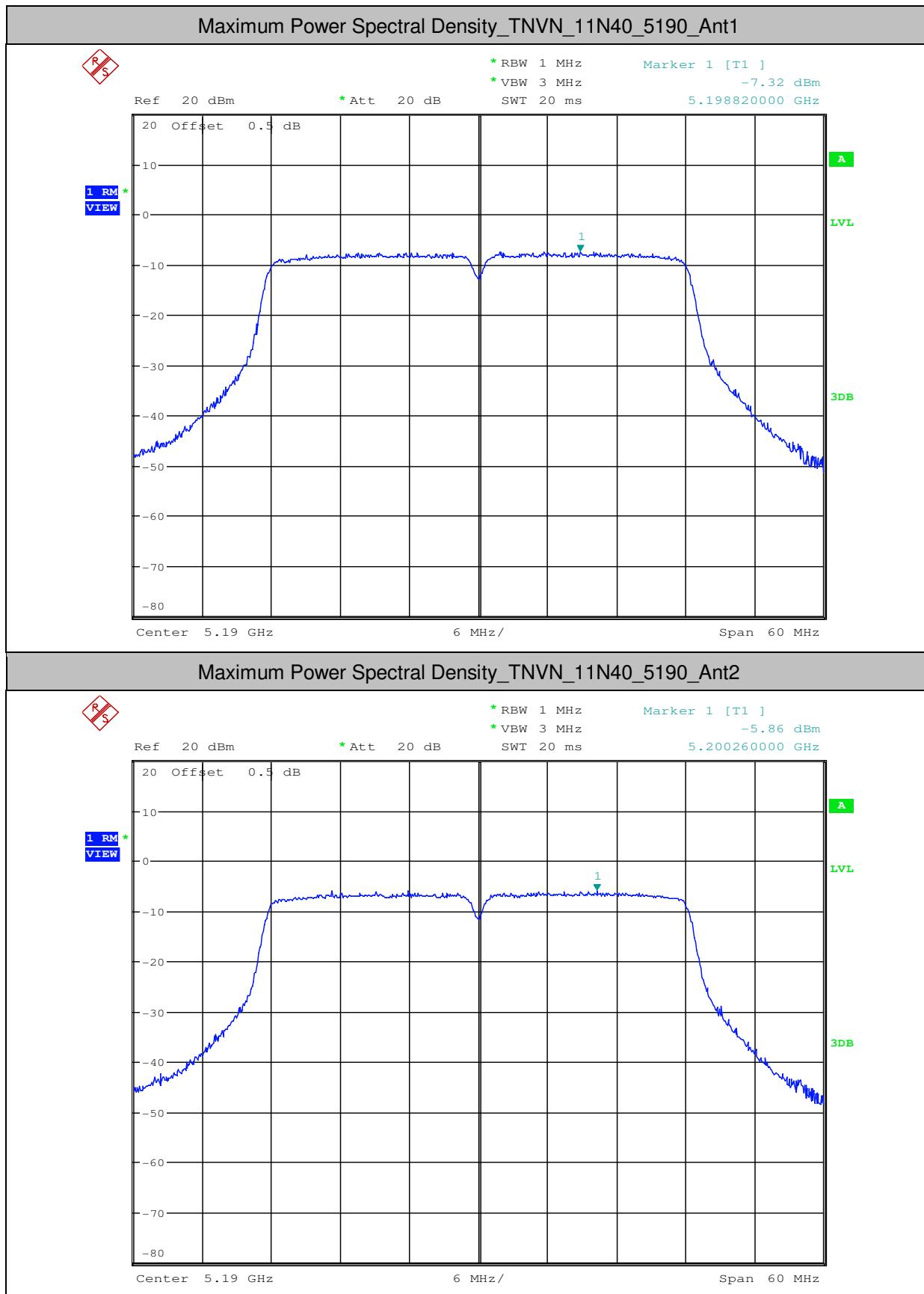


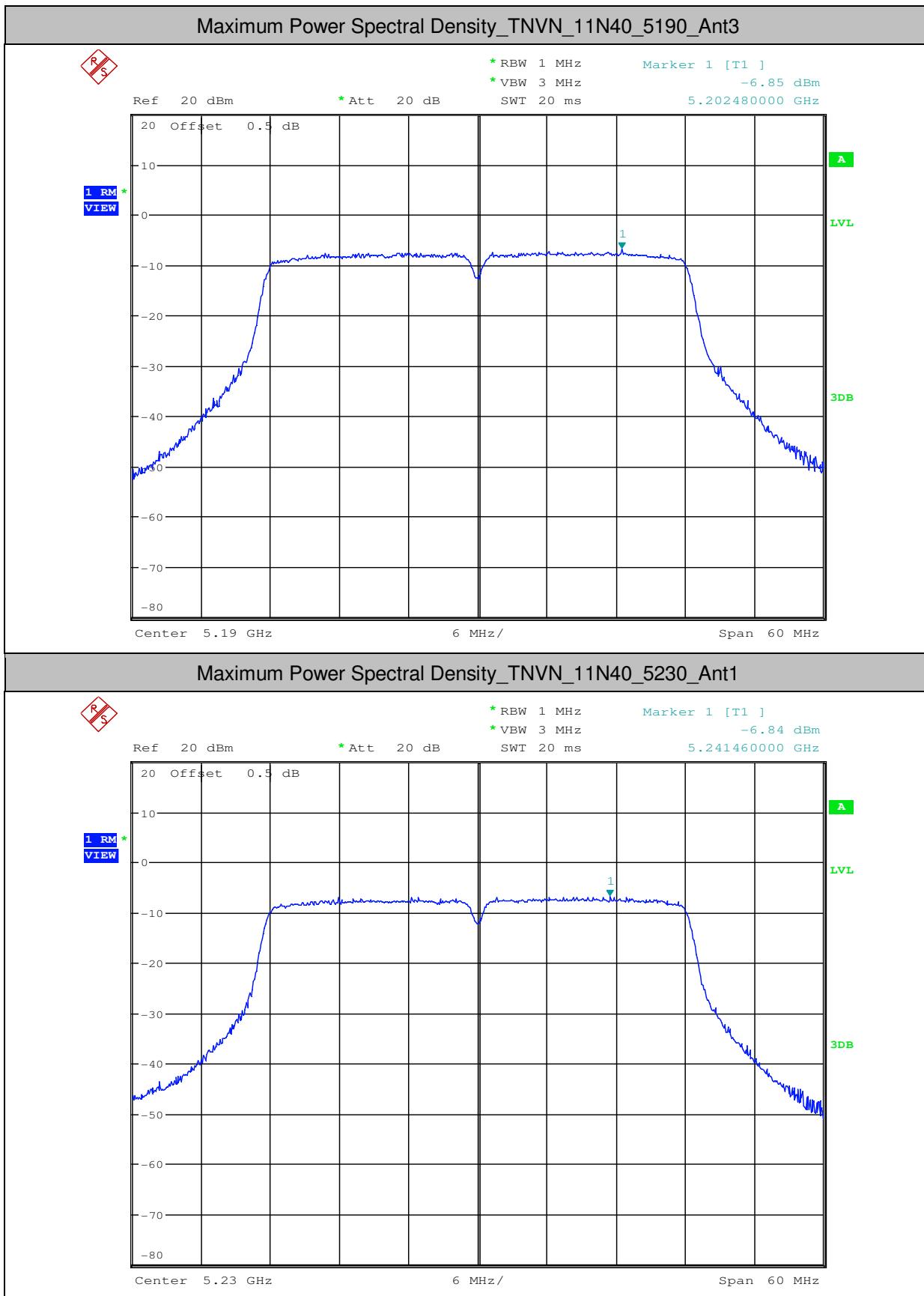


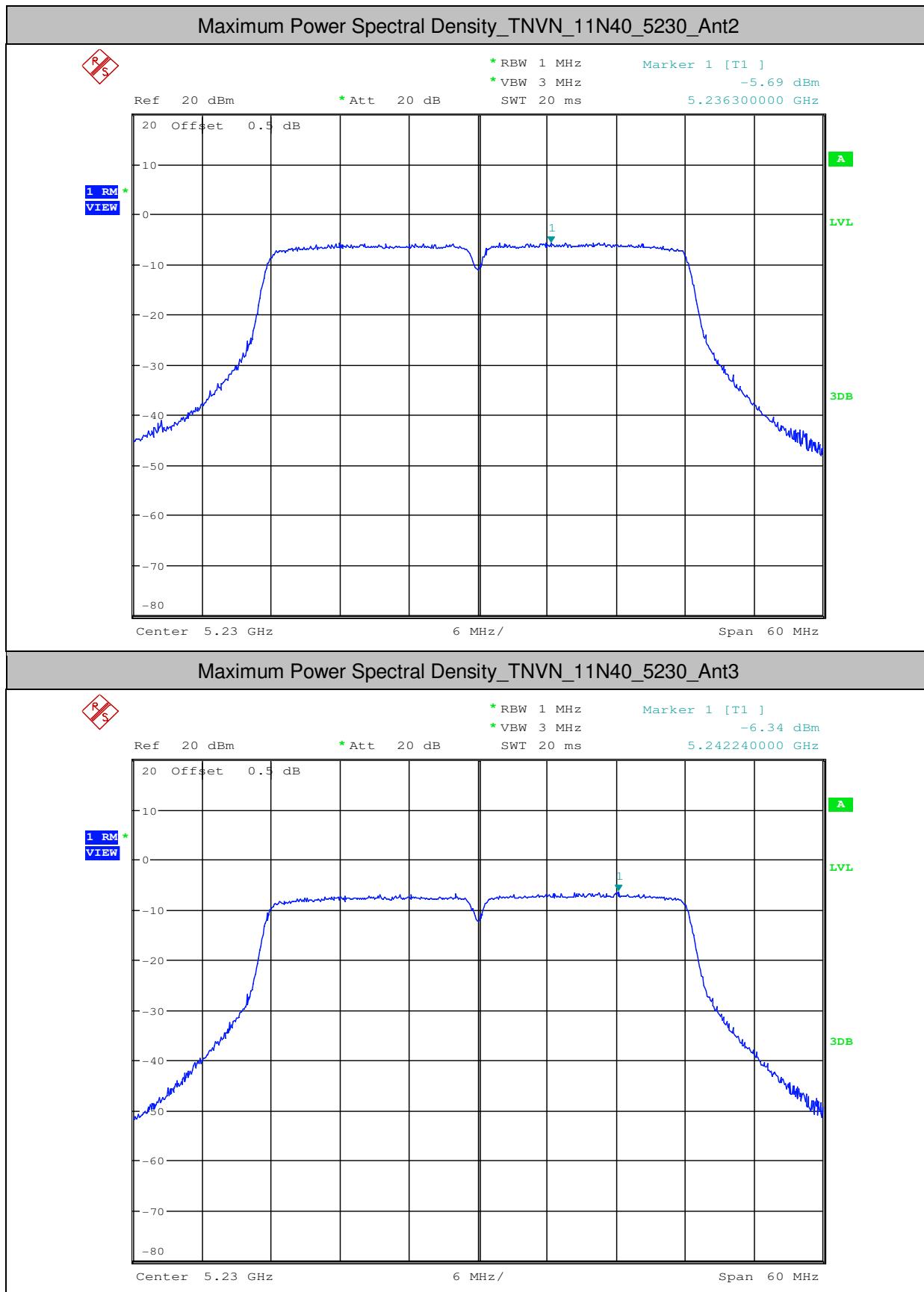


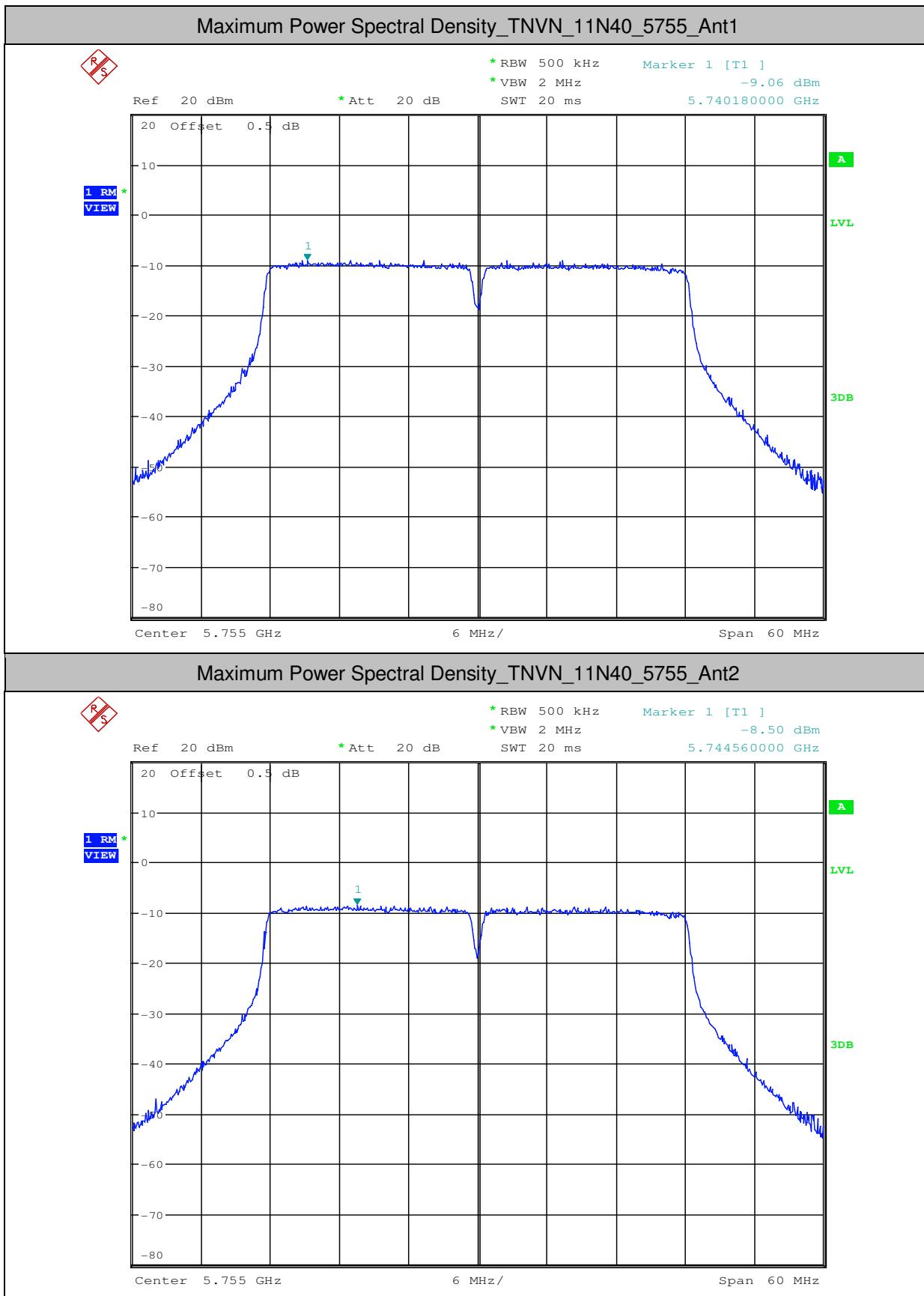


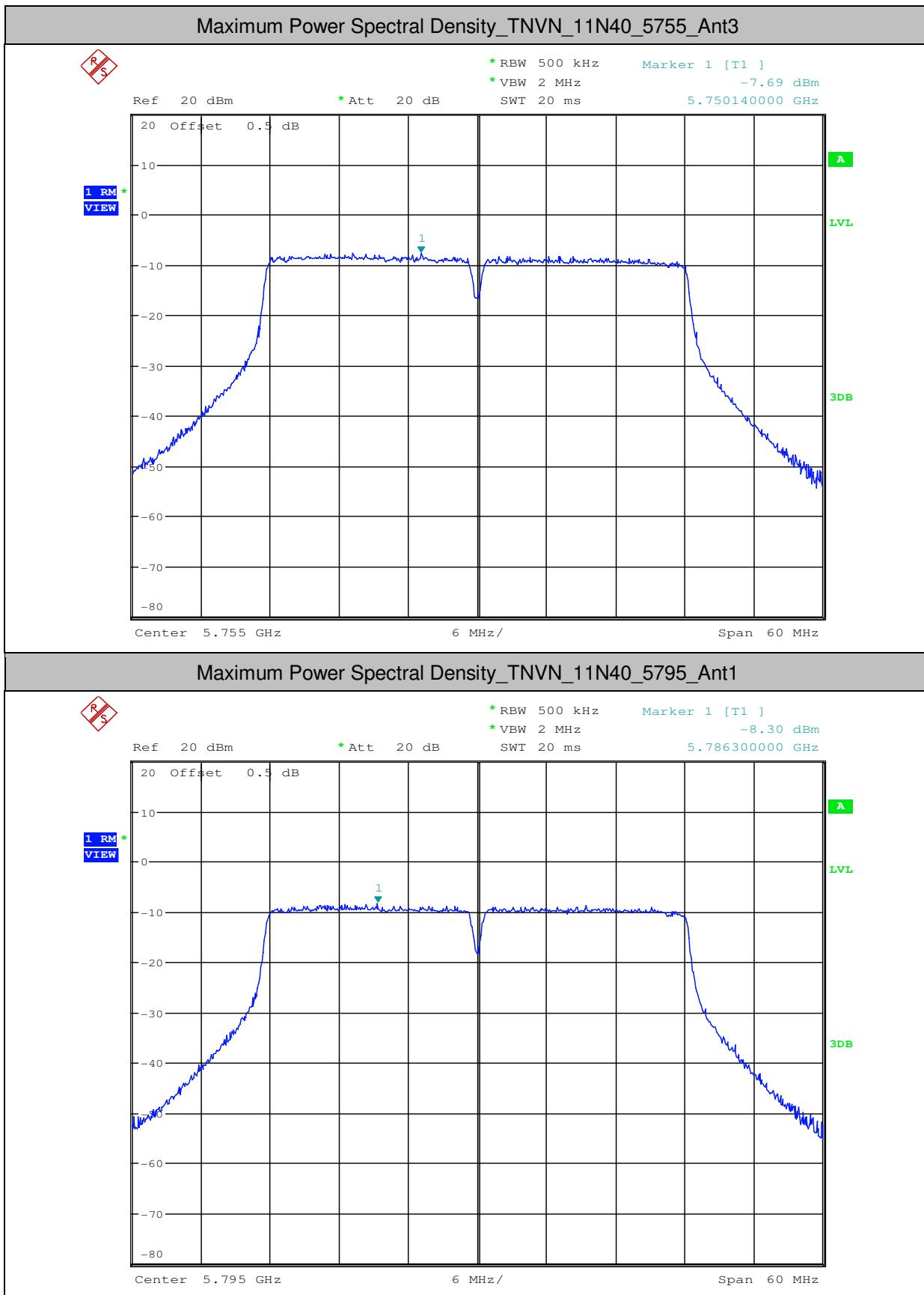


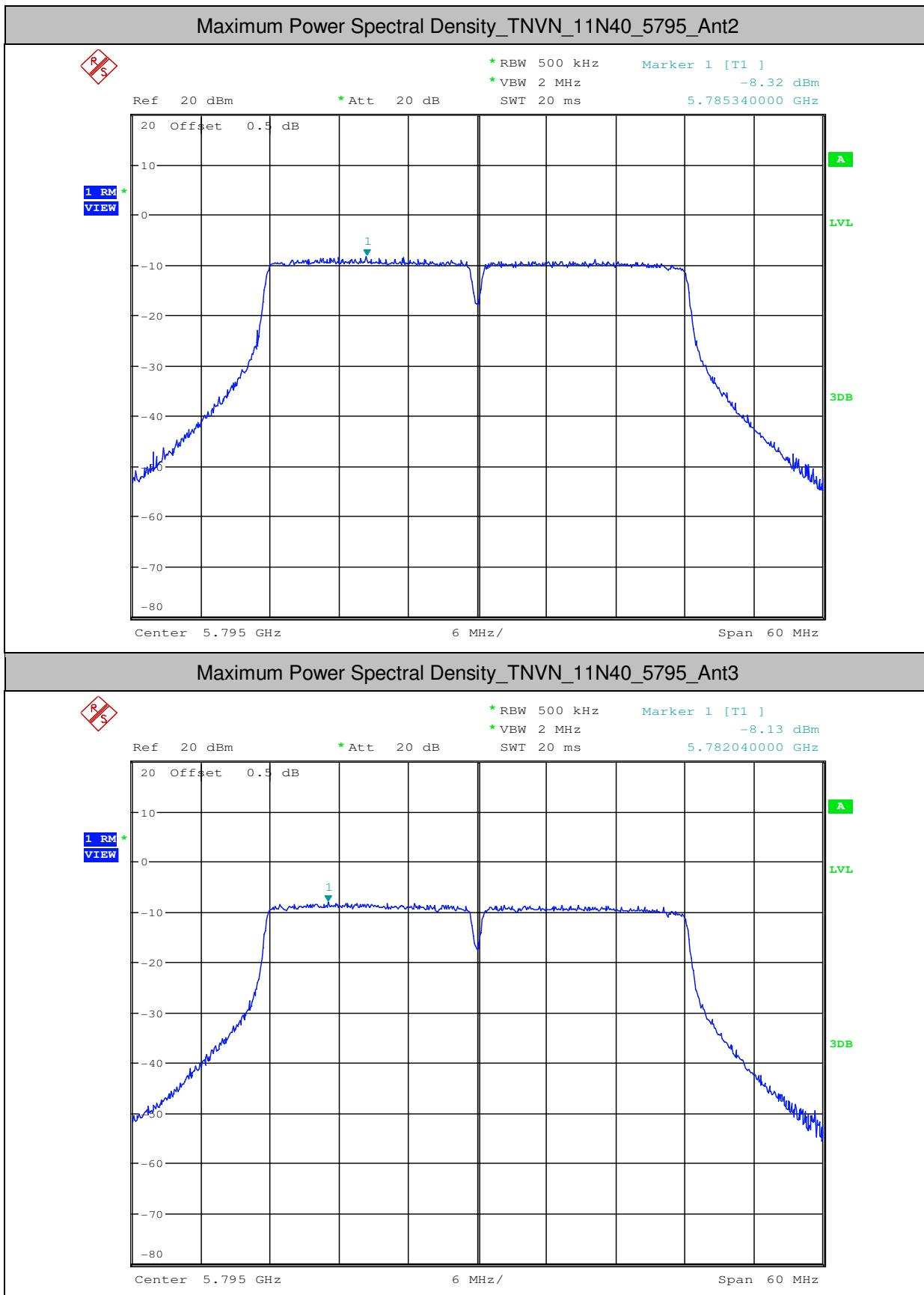


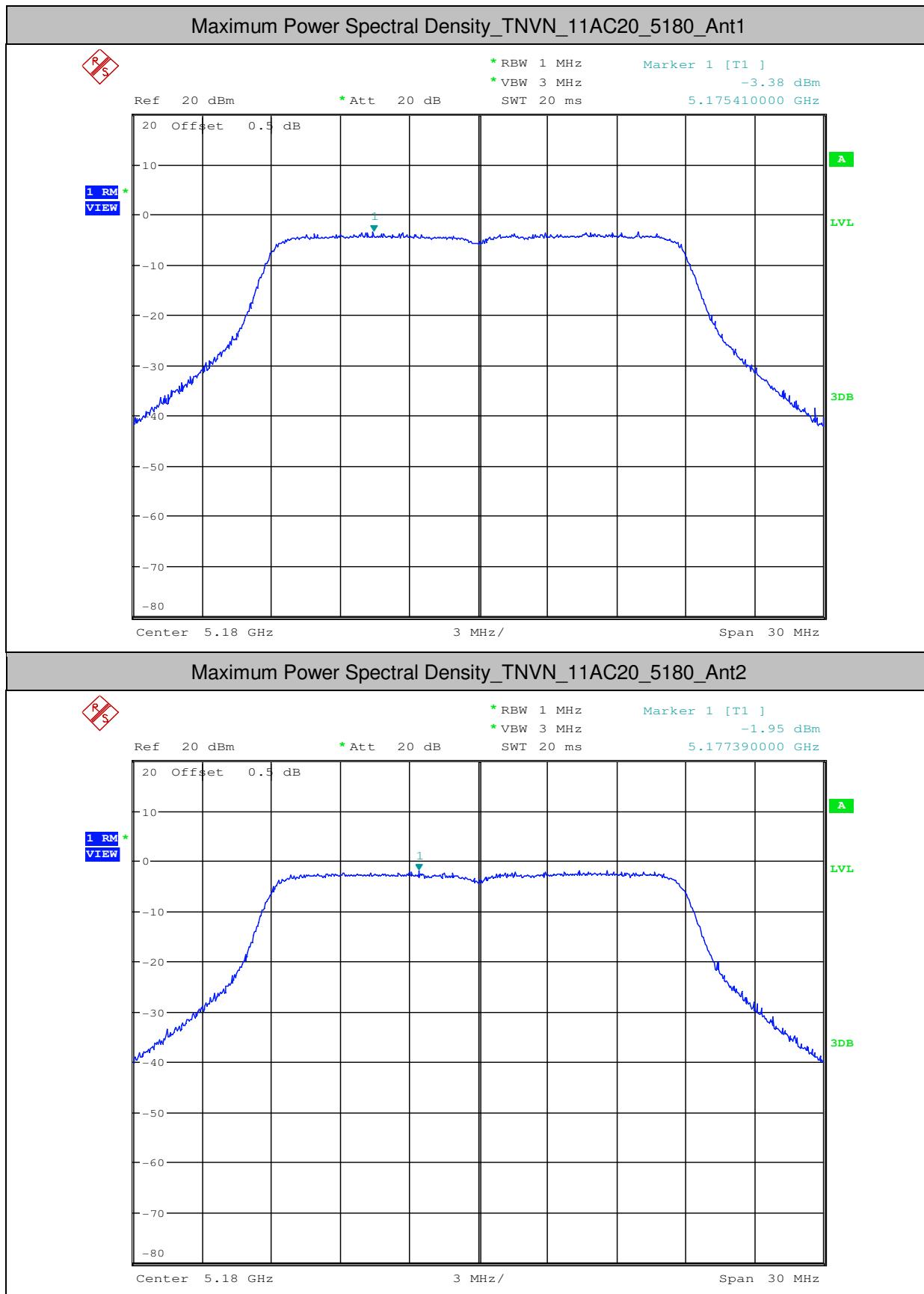


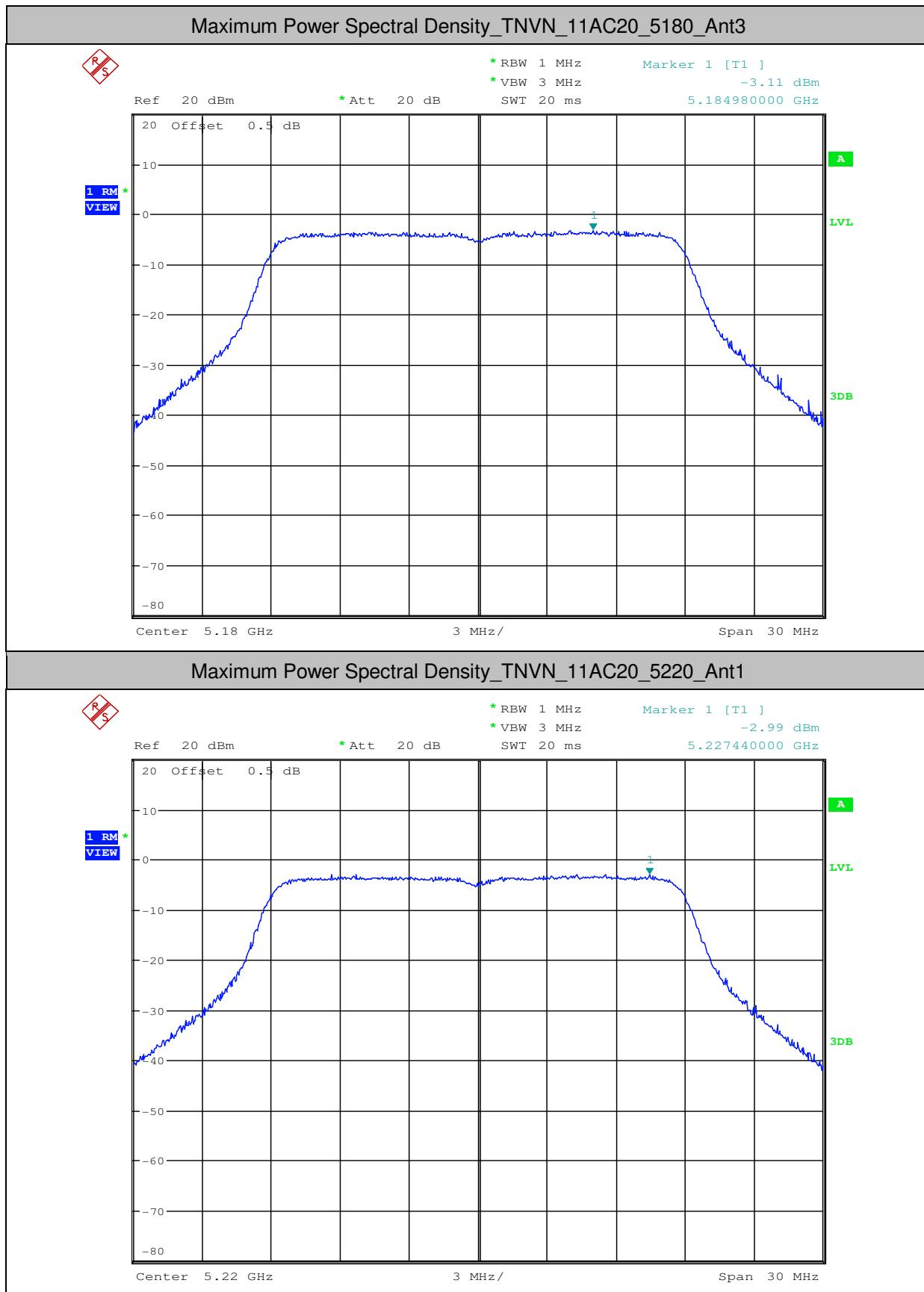


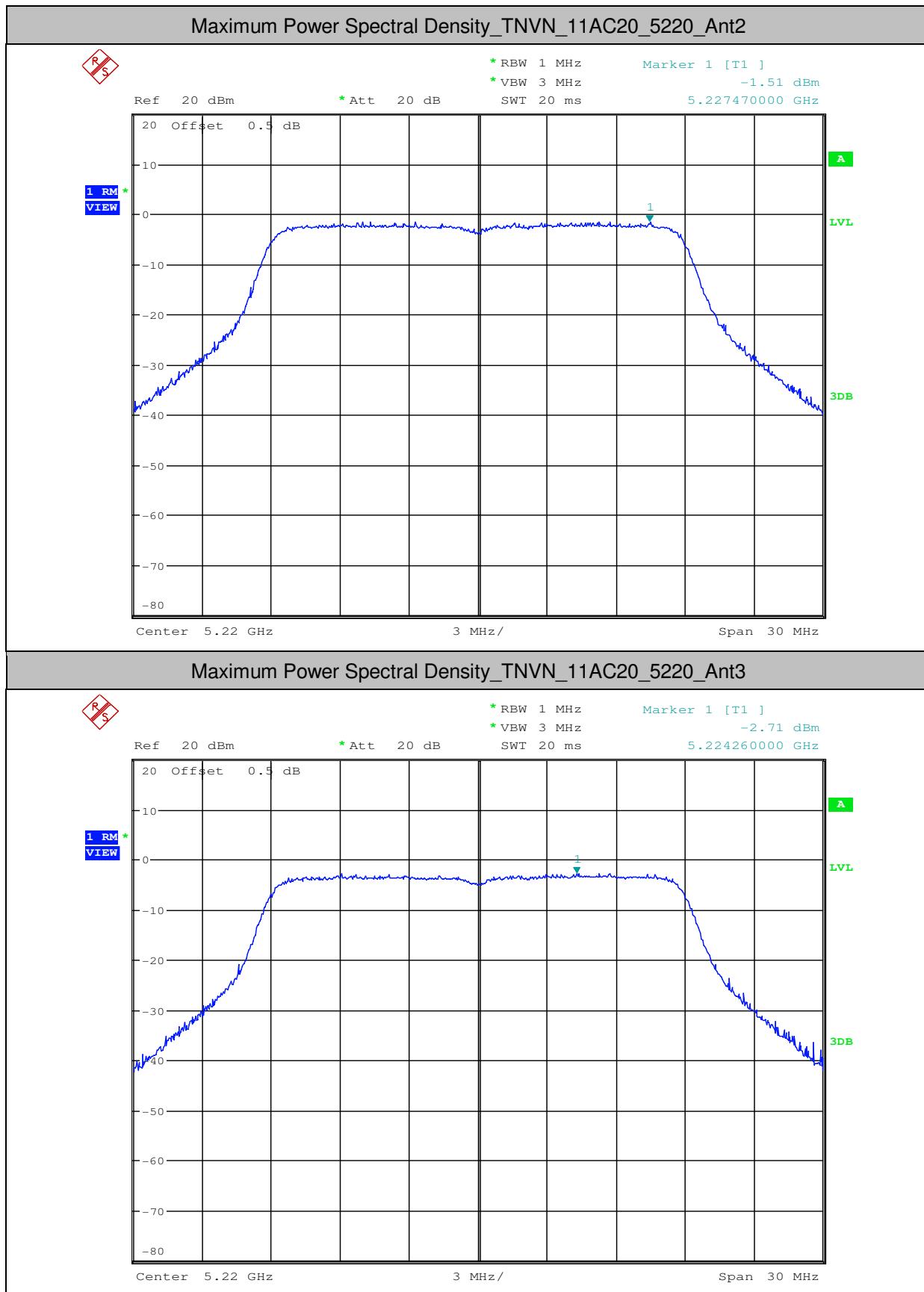


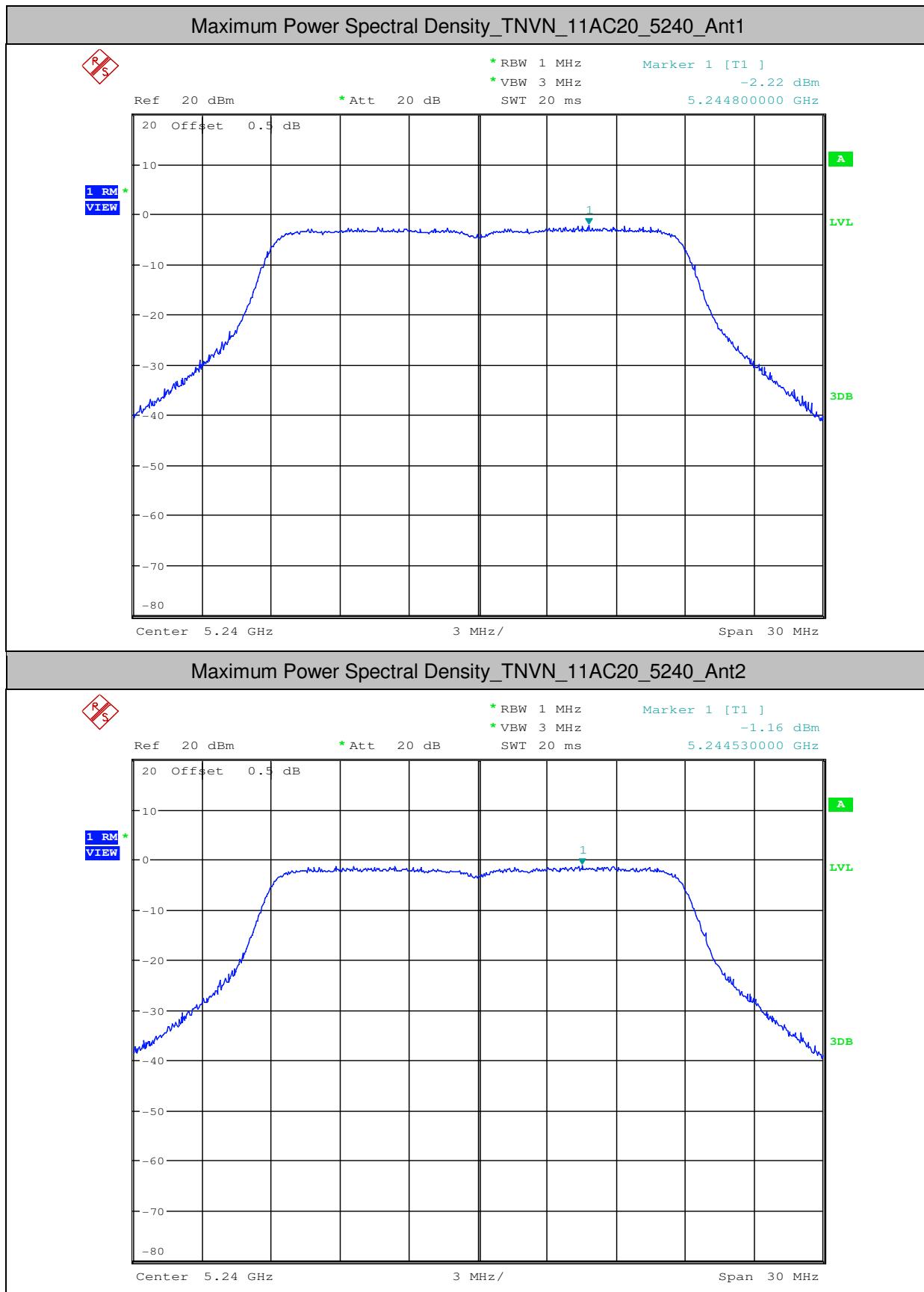


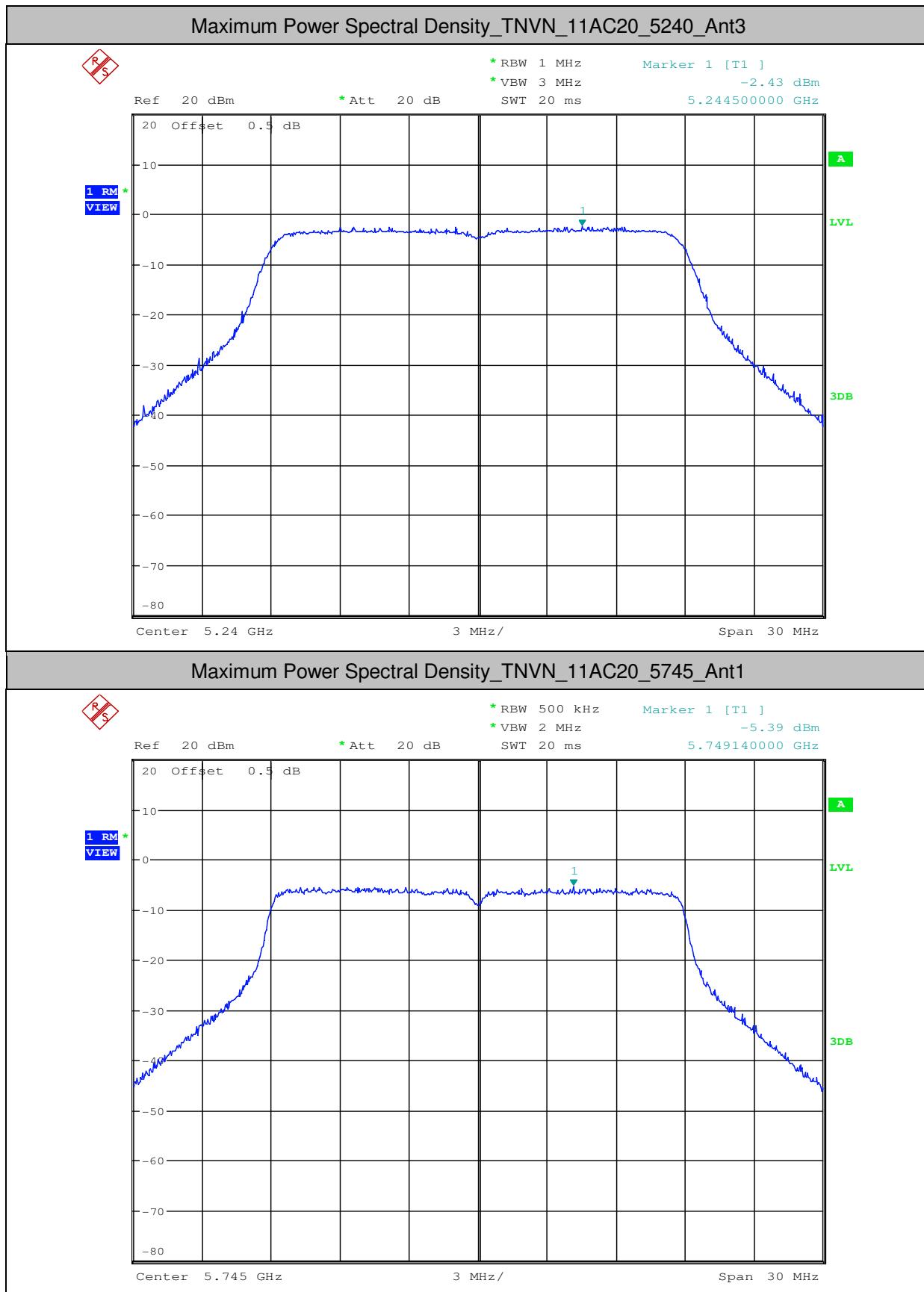


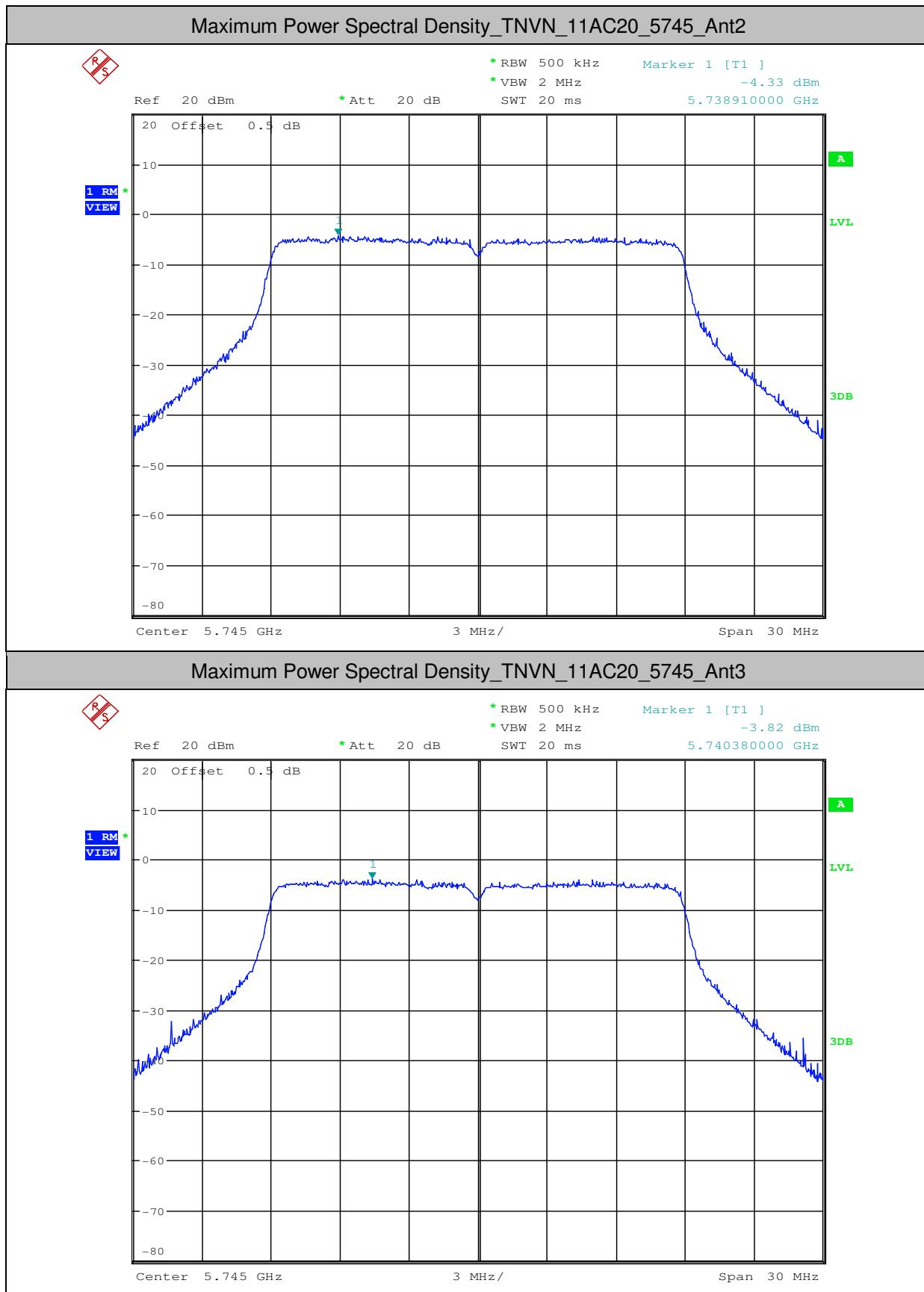


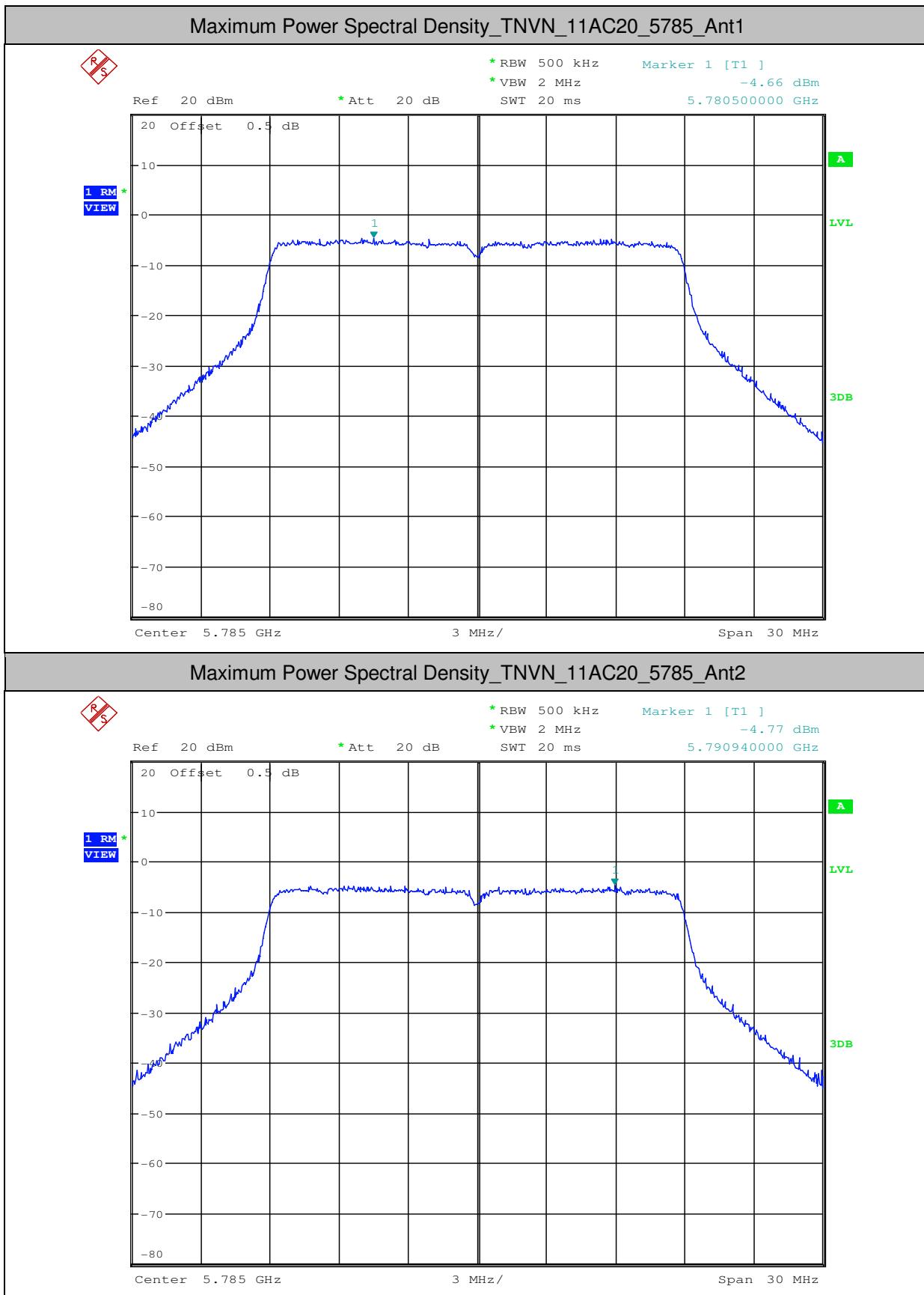


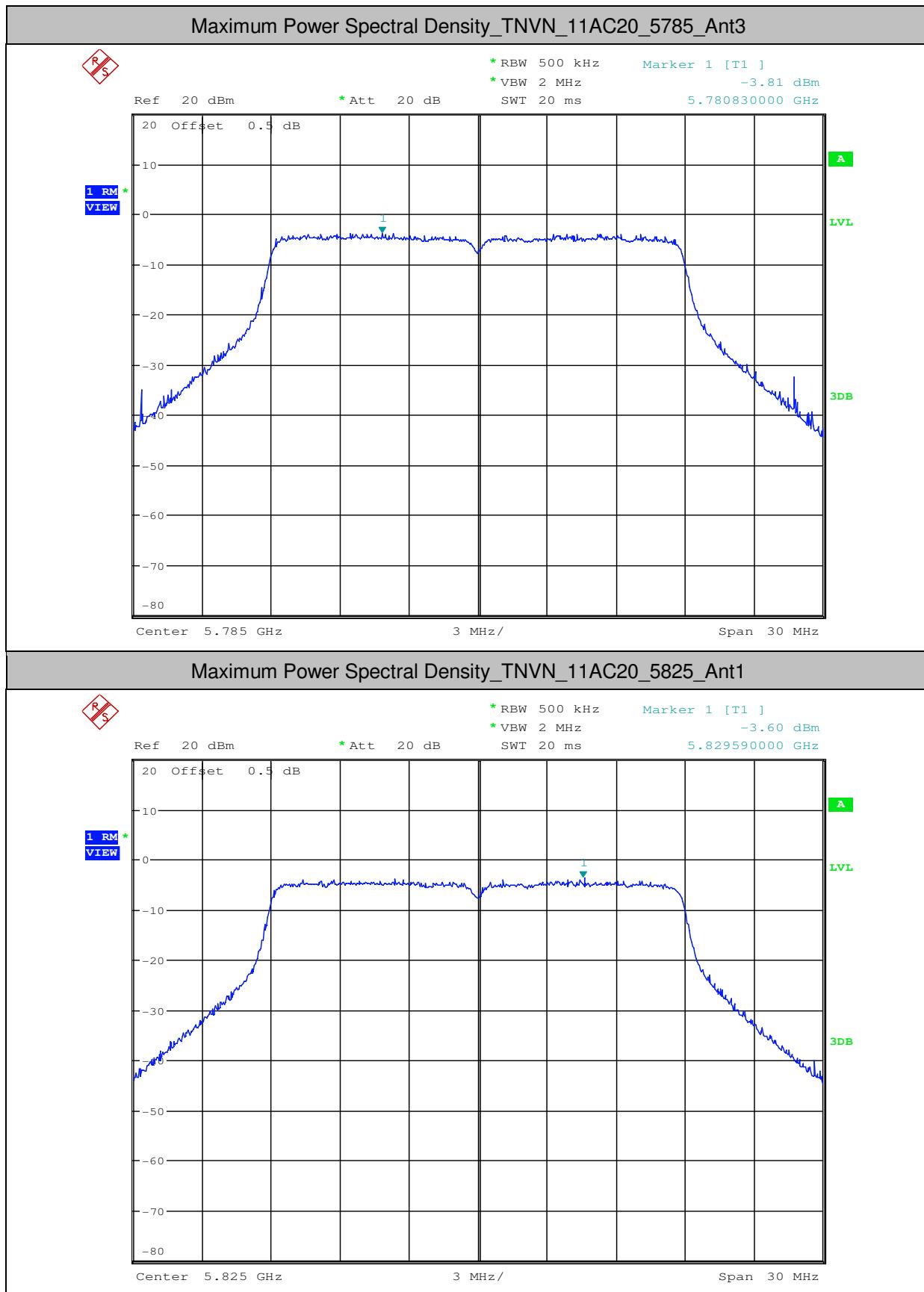


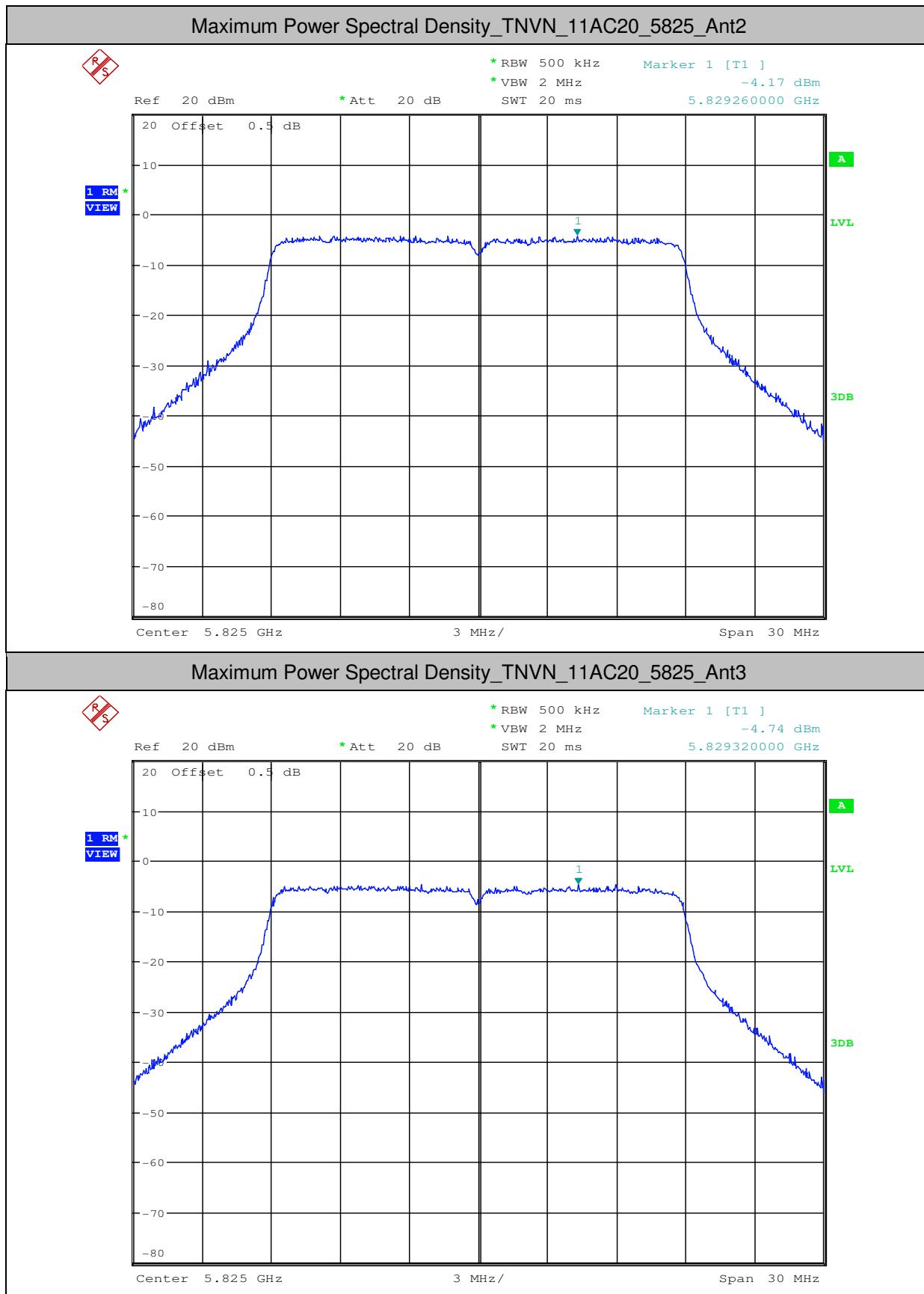


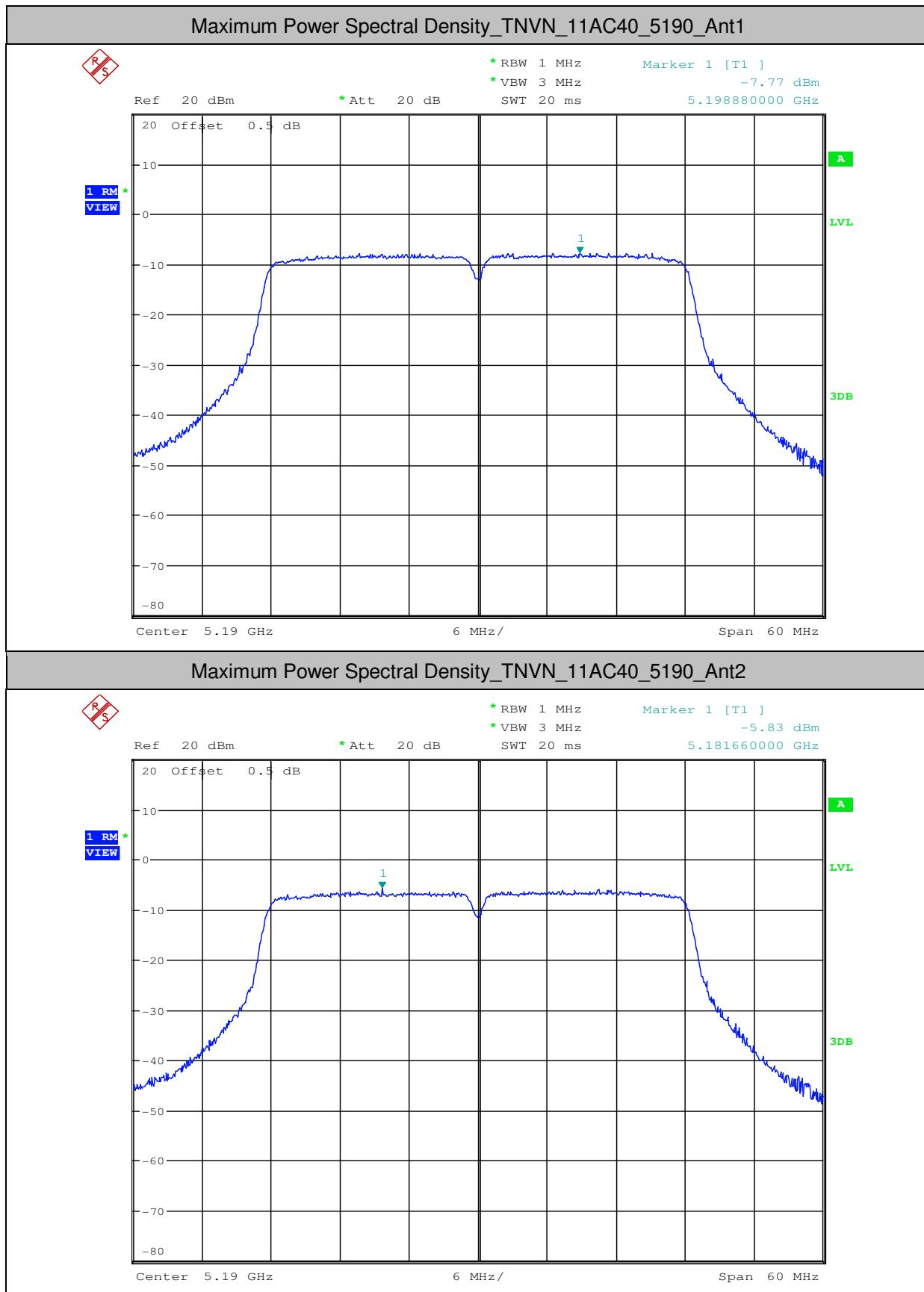


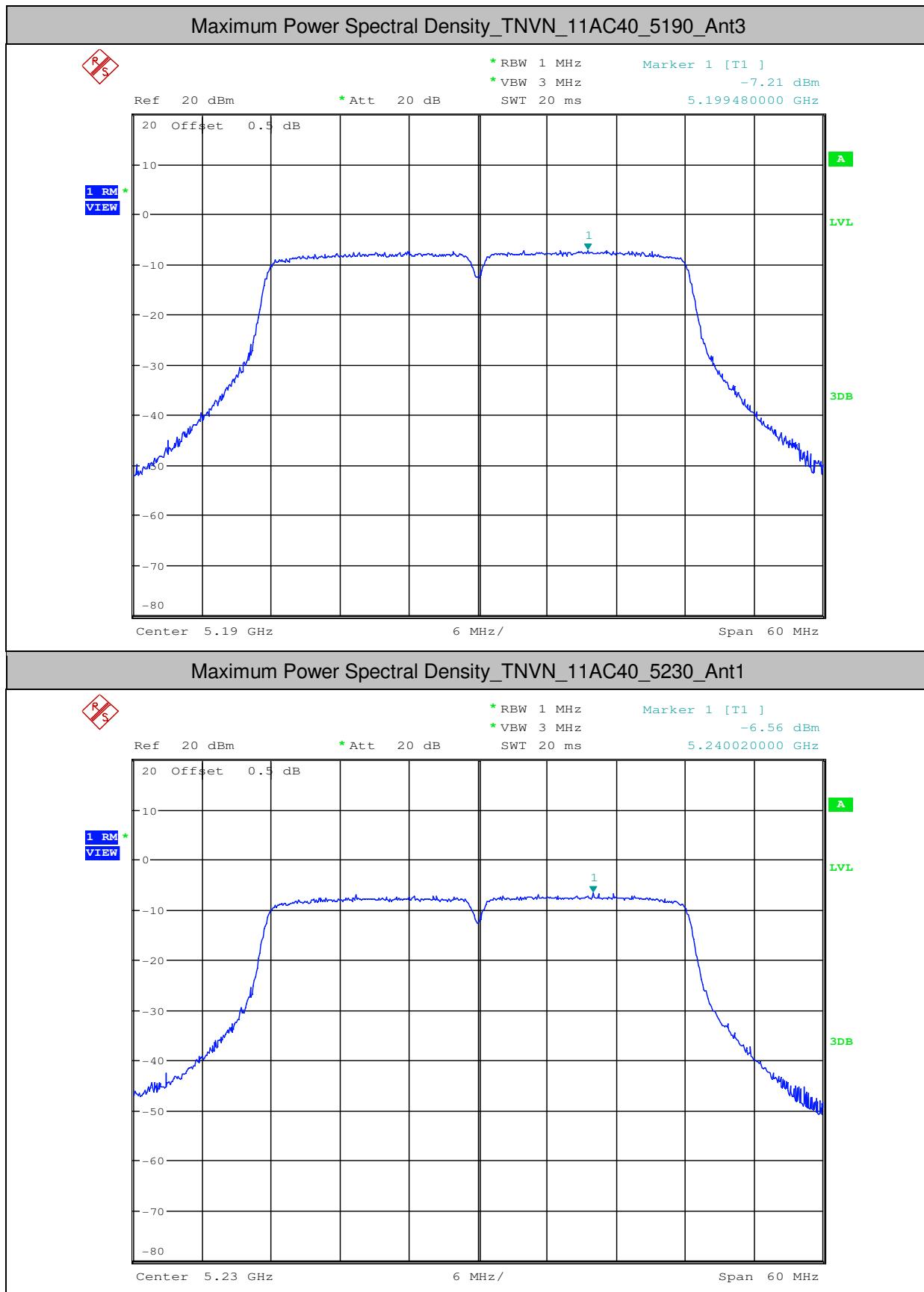


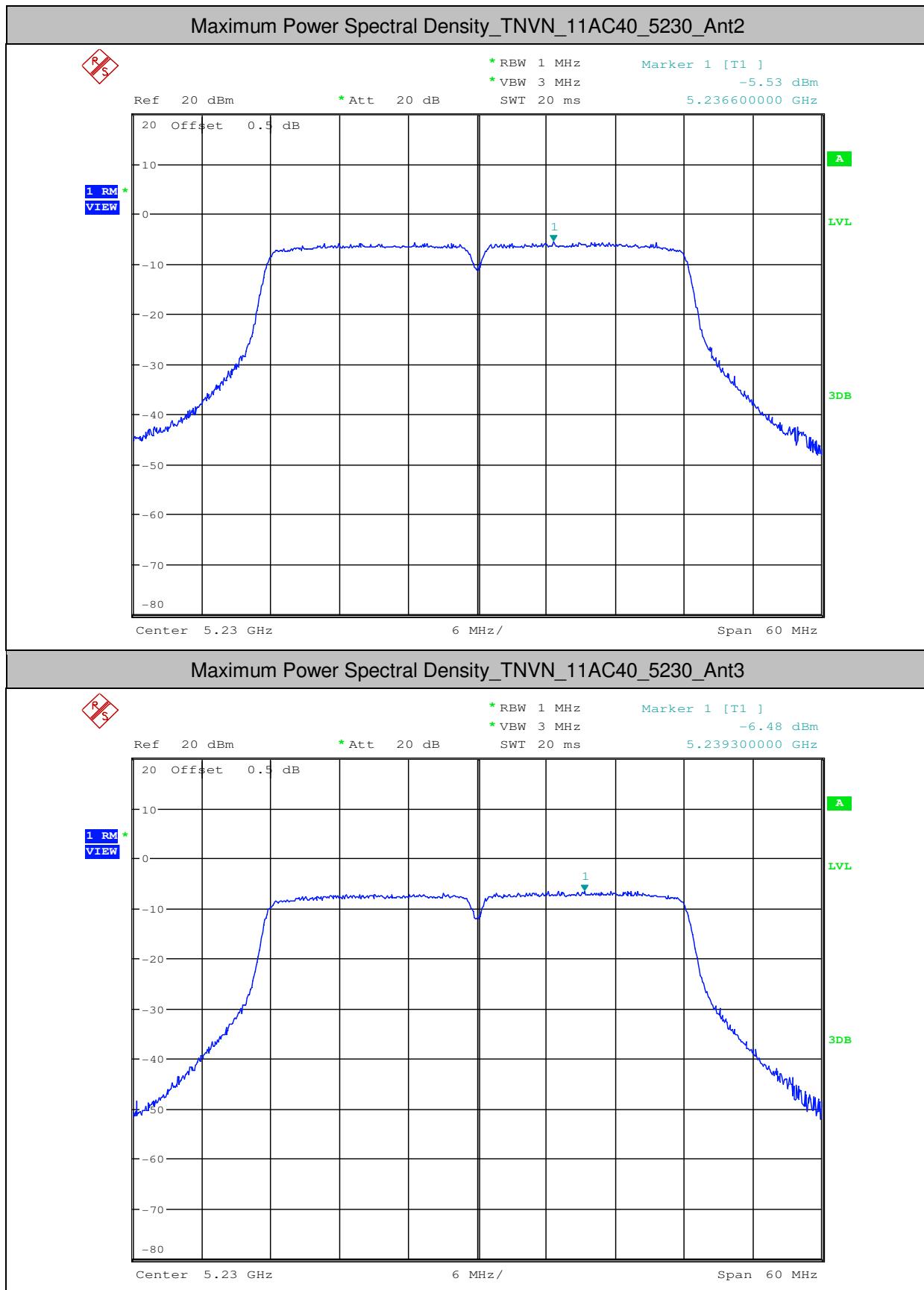


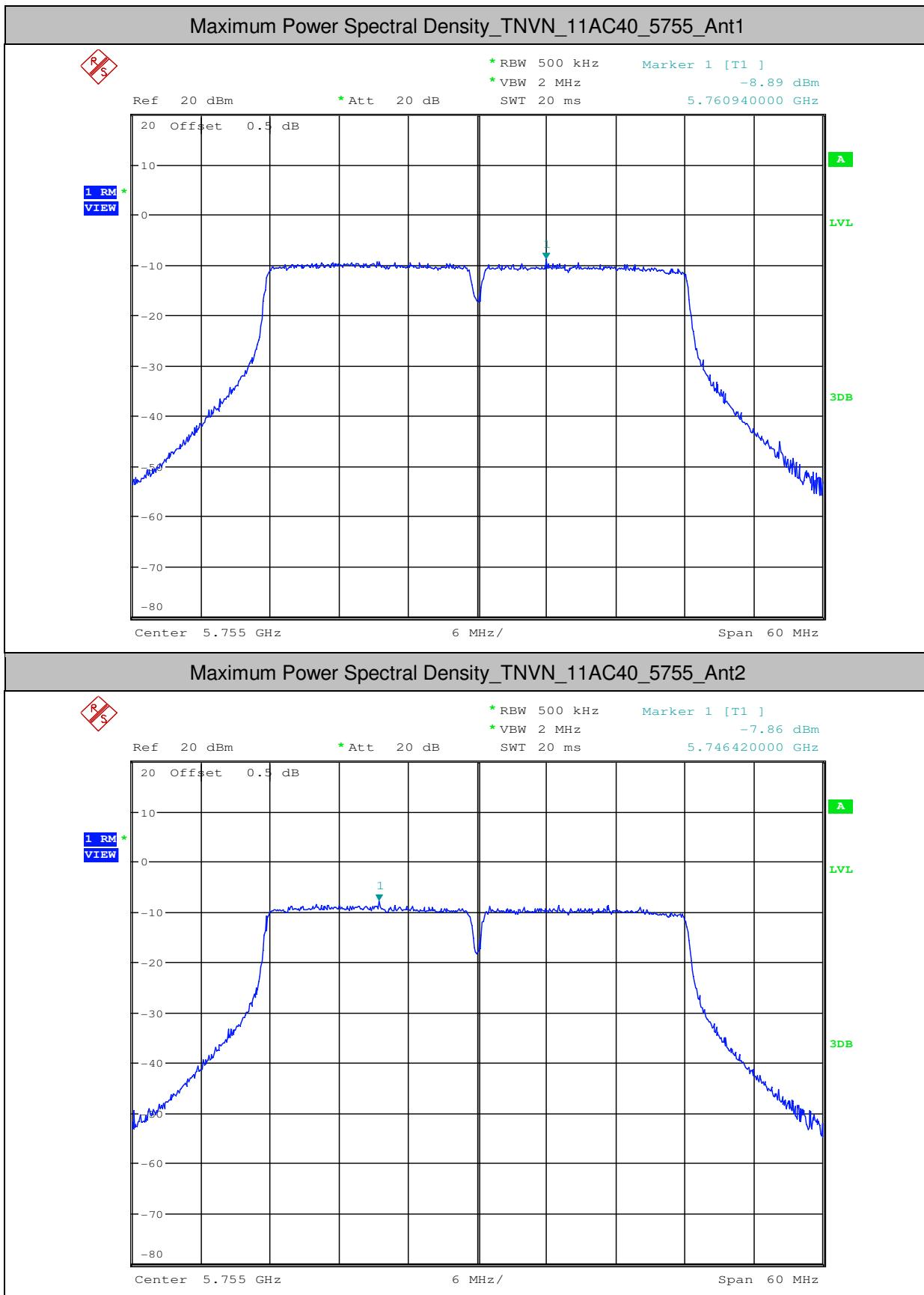


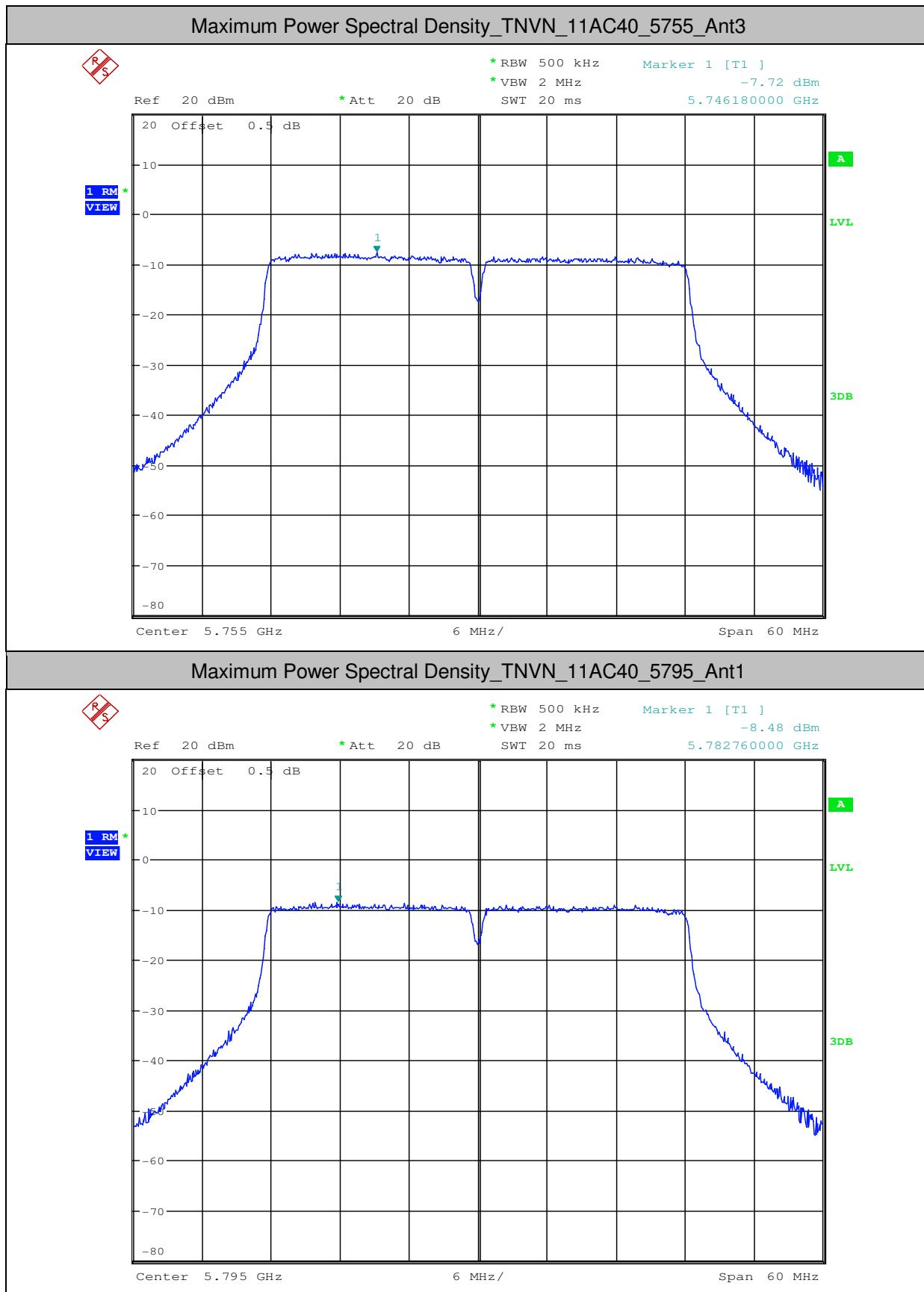


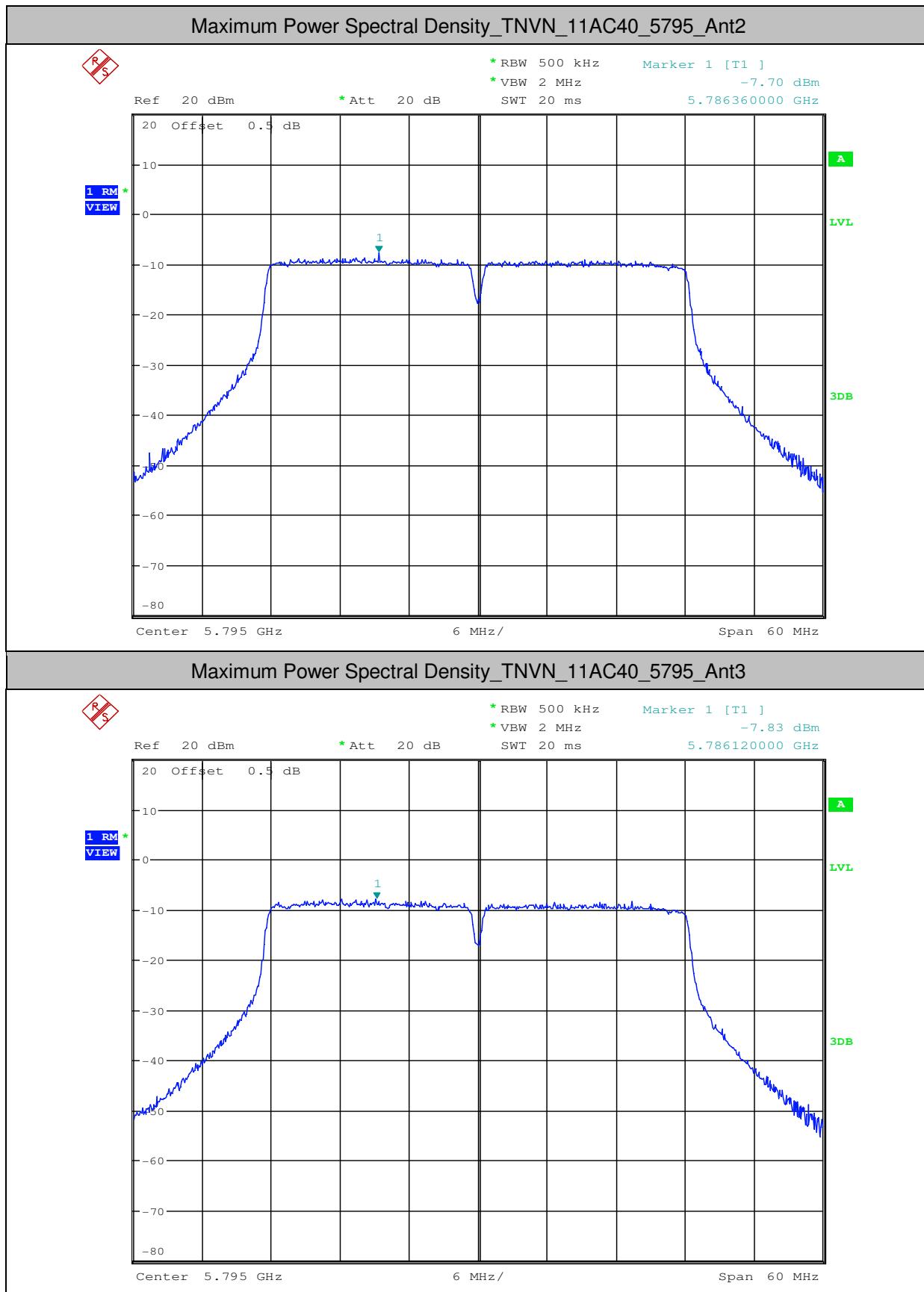


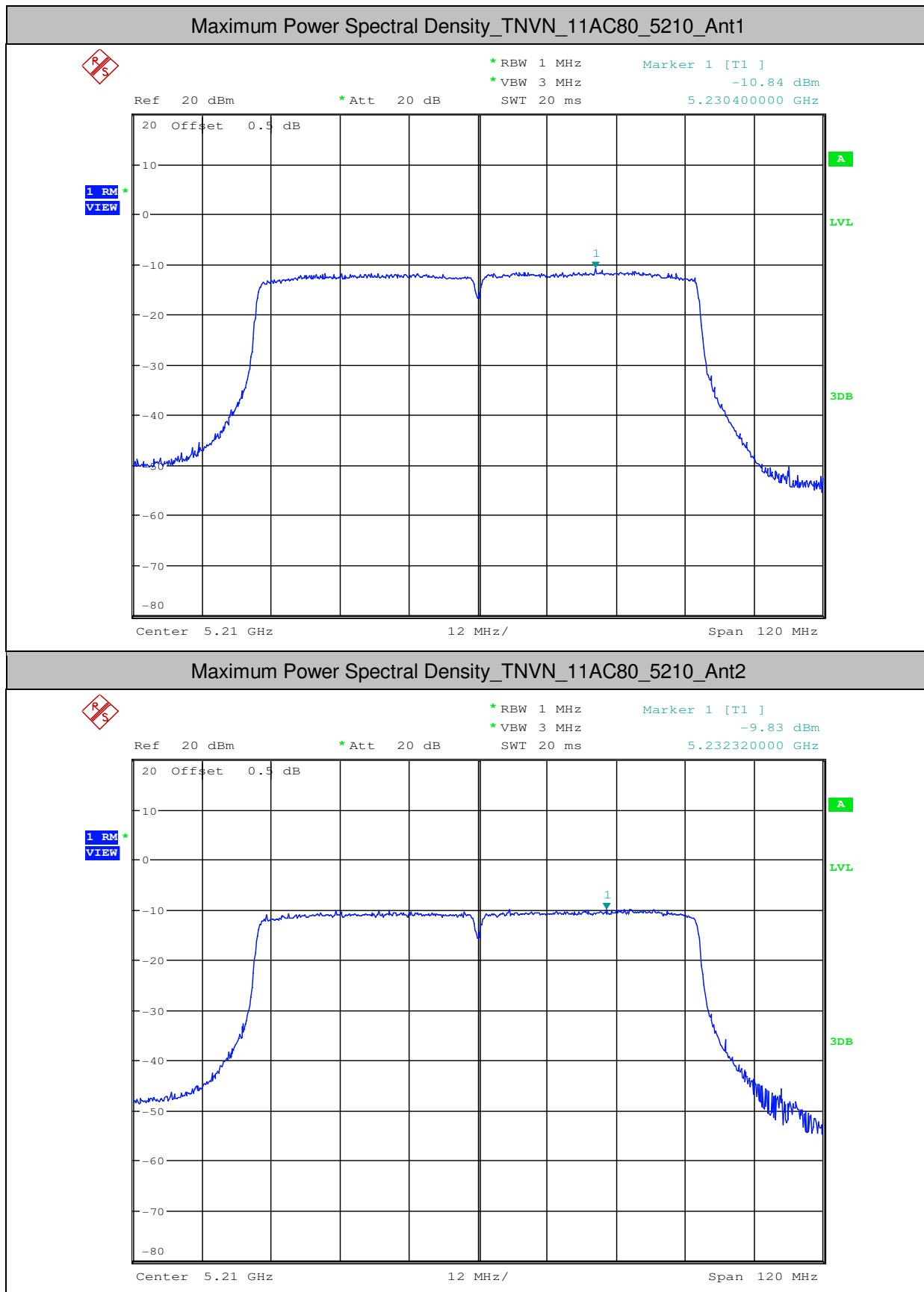


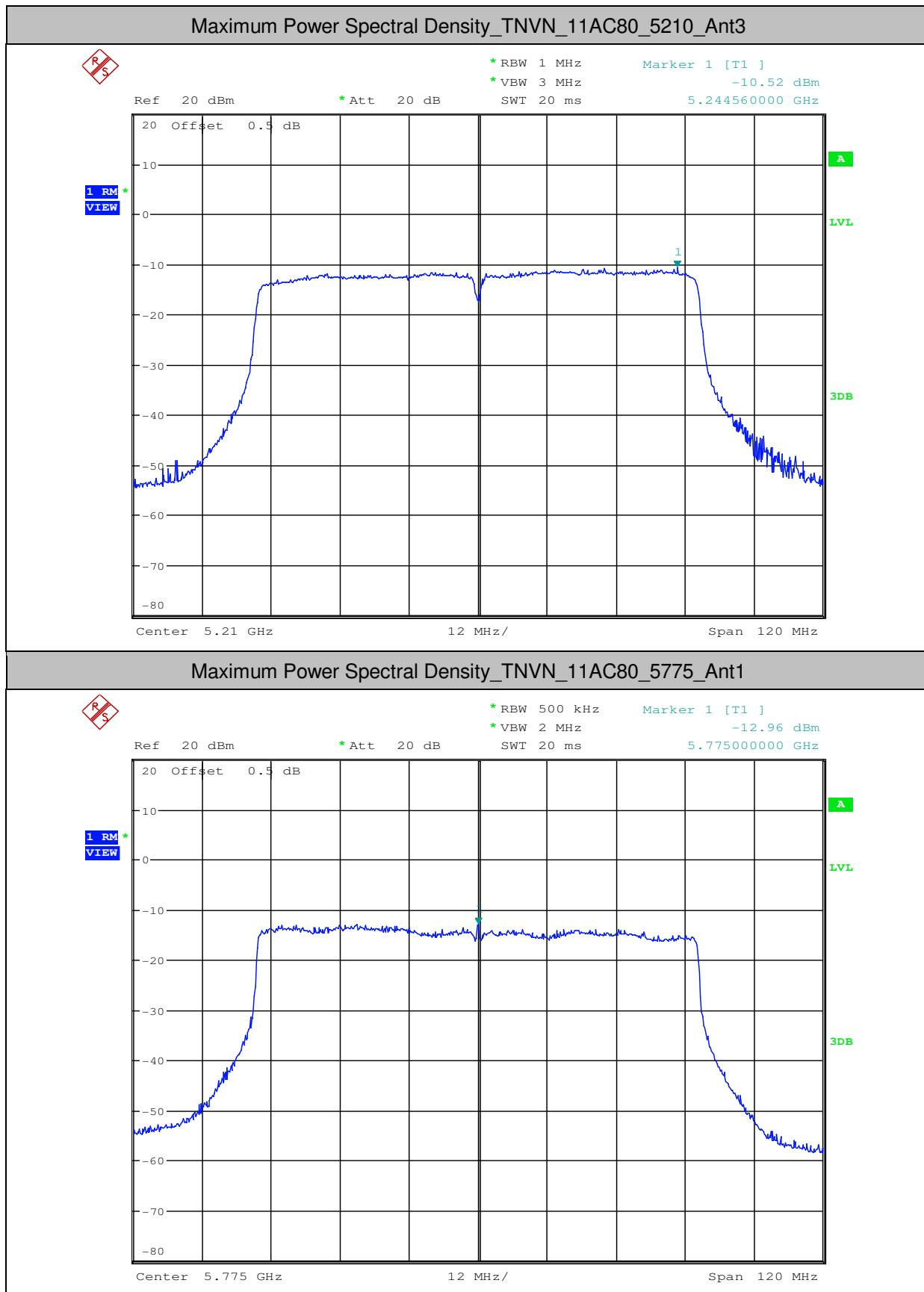


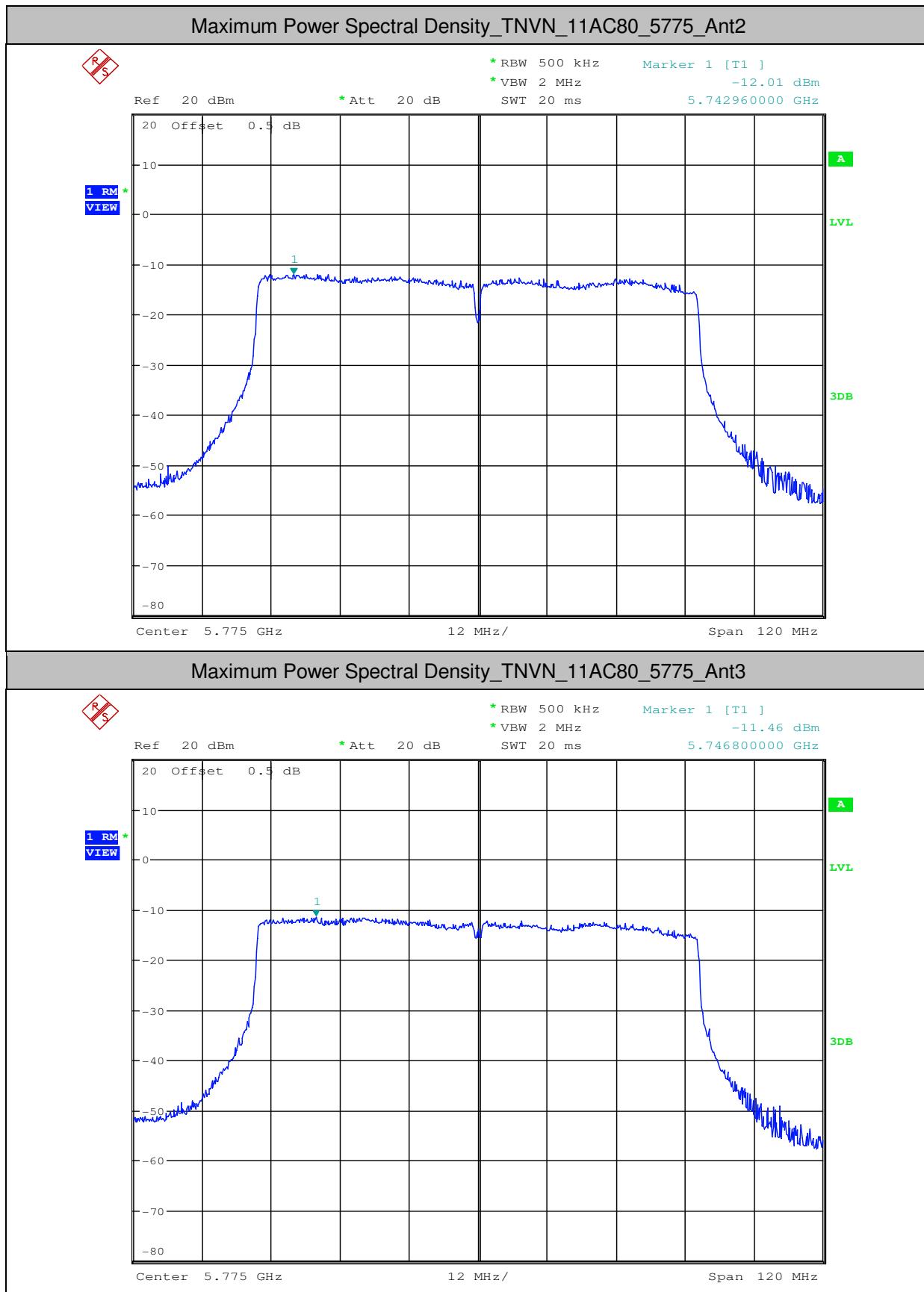










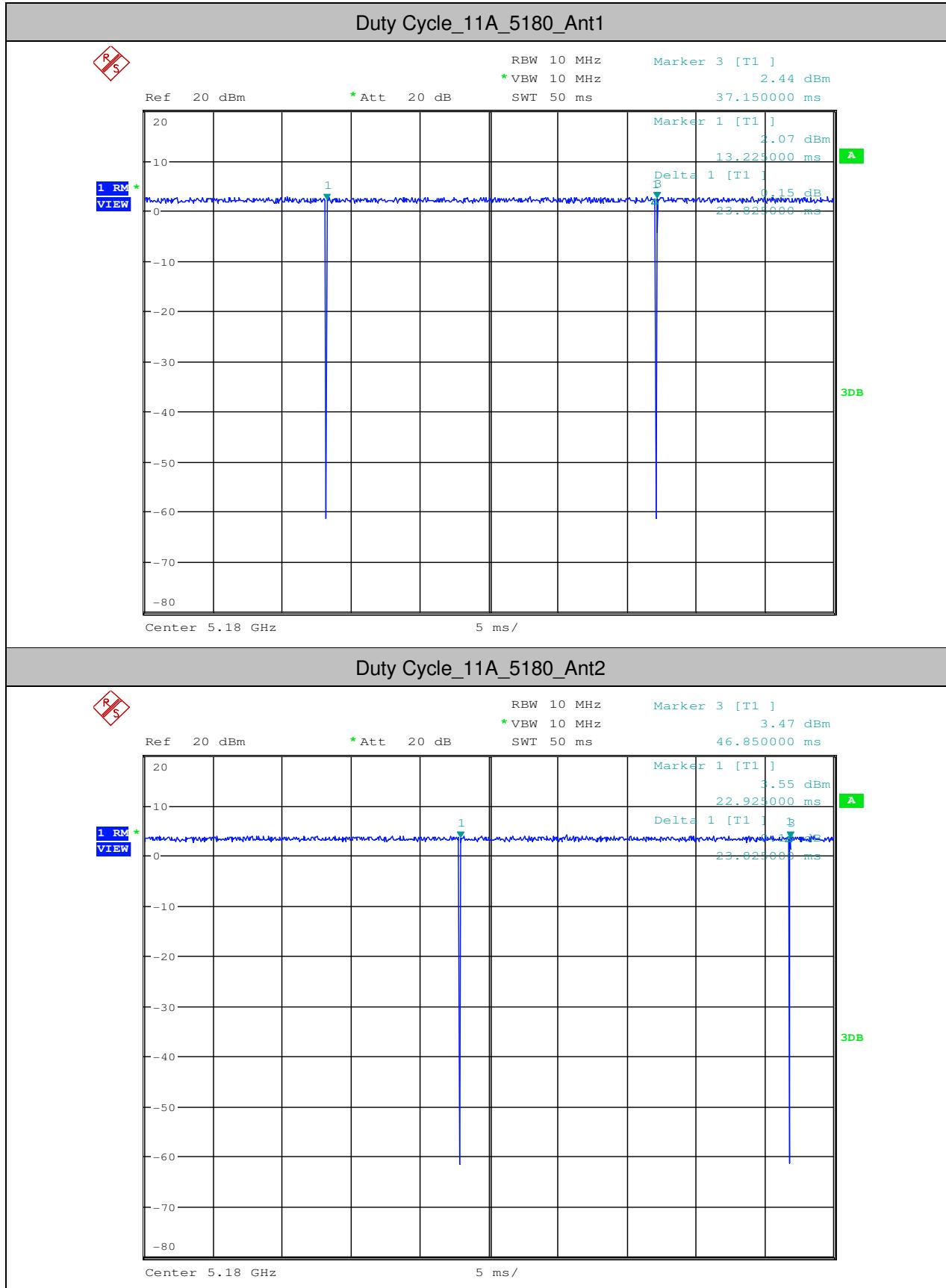


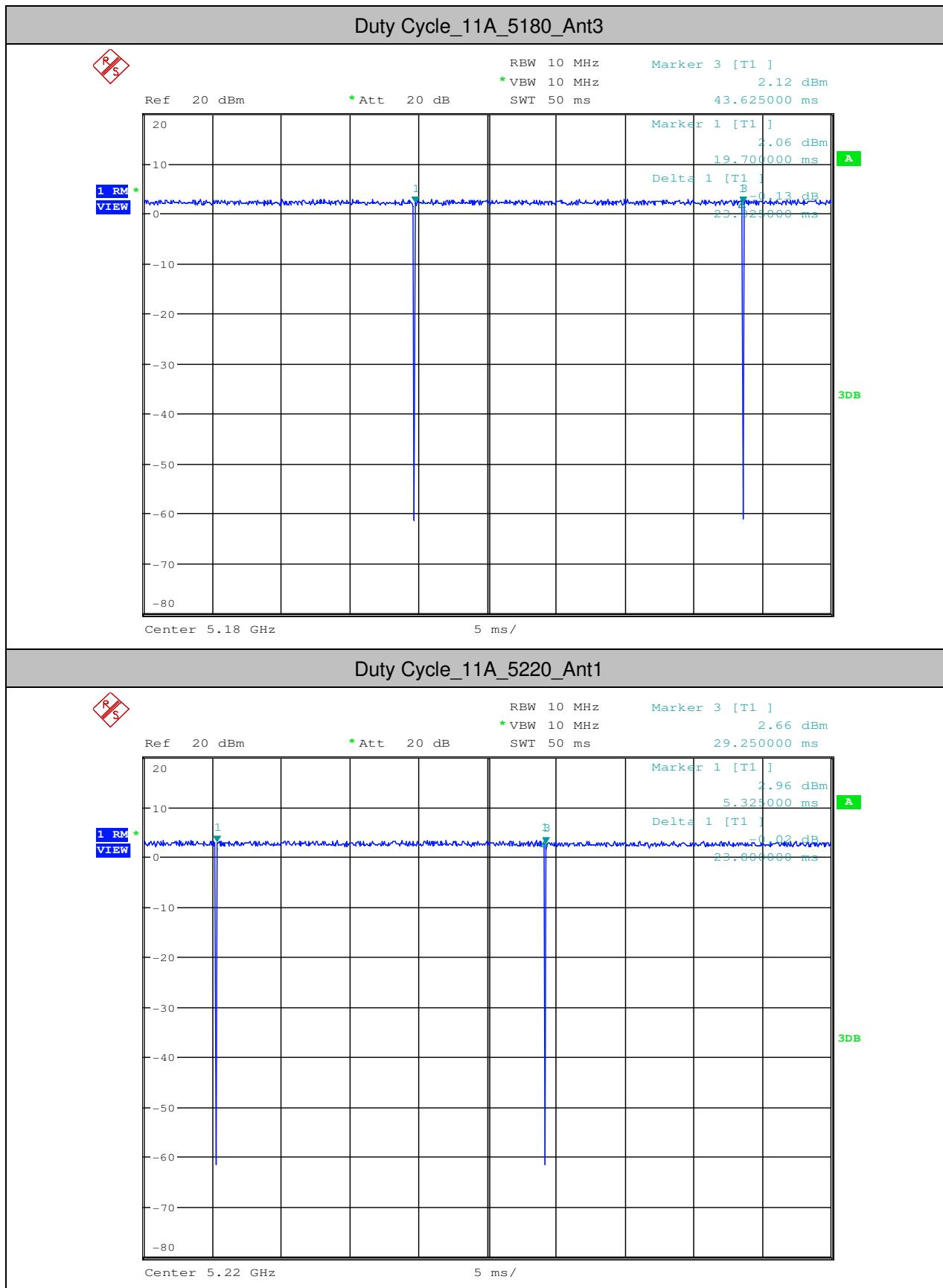
5.Duty Cycle (x)

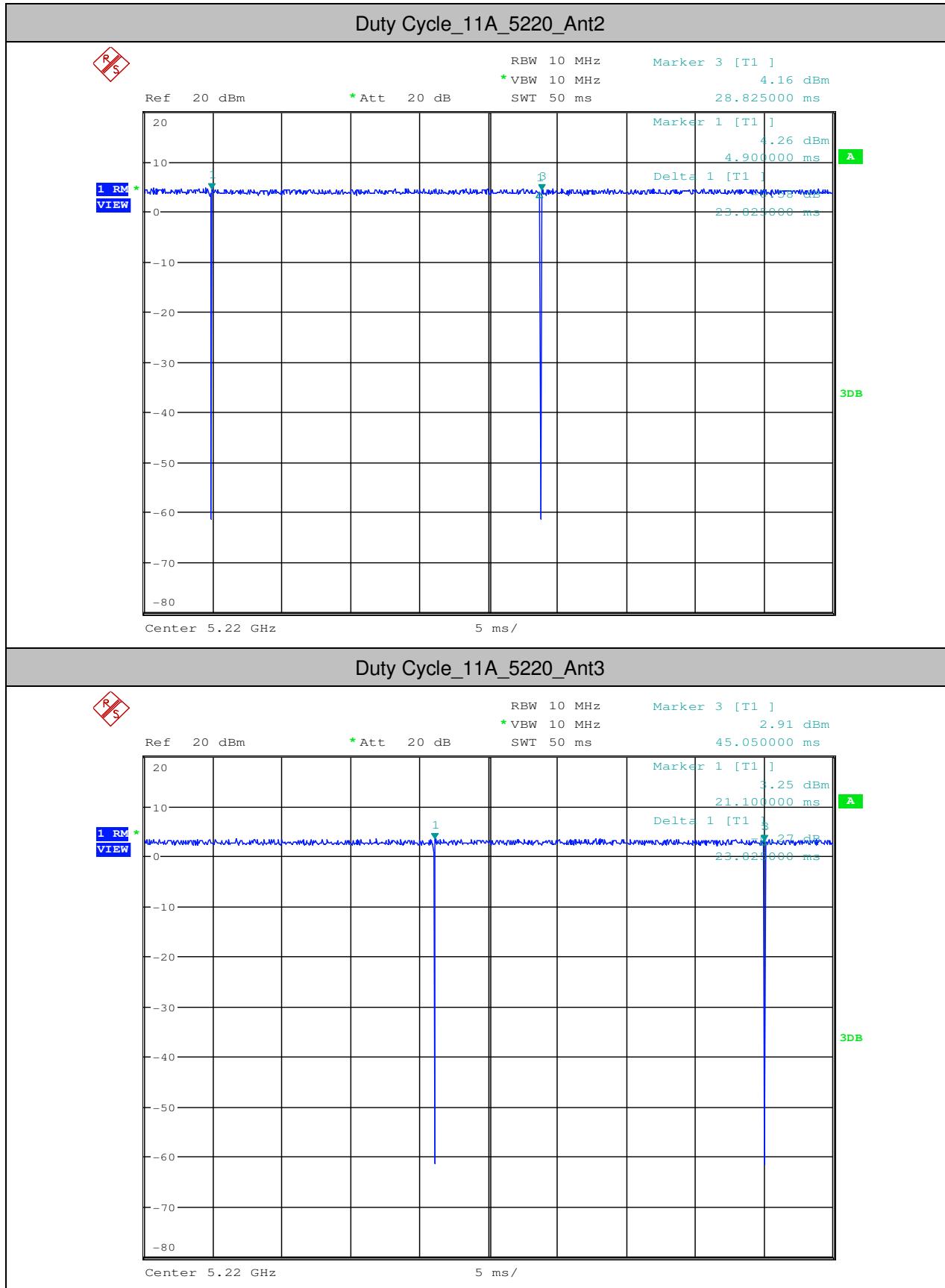
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	99.58	0.02
11A	5180	Ant2	99.58	0.02
11A	5180	Ant3	99.58	0.02
11A	5220	Ant1	99.48	0.02
11A	5220	Ant2	99.58	0.02
11A	5220	Ant3	99.48	0.02
11A	5240	Ant1	99.58	0.02
11A	5240	Ant2	99.48	0.02
11A	5240	Ant3	99.48	0.02
11A	5745	Ant1	99.48	0.02
11A	5745	Ant2	99.58	0.02
11A	5745	Ant3	99.58	0.02
11A	5785	Ant1	99.58	0.02
11A	5785	Ant2	99.58	0.02
11A	5785	Ant3	99.58	0.02
11A	5825	Ant1	99.58	0.02
11A	5825	Ant2	99.58	0.02
11A	5825	Ant3	99.48	0.02
11N20	5180	Ant1	99.58	0.02
11N20	5180	Ant2	99.48	0.02
11N20	5180	Ant3	99.48	0.02
11N20	5220	Ant1	99.58	0.02
11N20	5220	Ant2	99.48	0.02
11N20	5220	Ant3	99.58	0.02
11N20	5240	Ant1	99.48	0.02
11N20	5240	Ant2	99.48	0.02
11N20	5240	Ant3	99.48	0.02
11N20	5745	Ant1	99.58	0.02
11N20	5745	Ant2	99.48	0.02
11N20	5745	Ant3	99.58	0.02
11N20	5785	Ant1	99.48	0.02

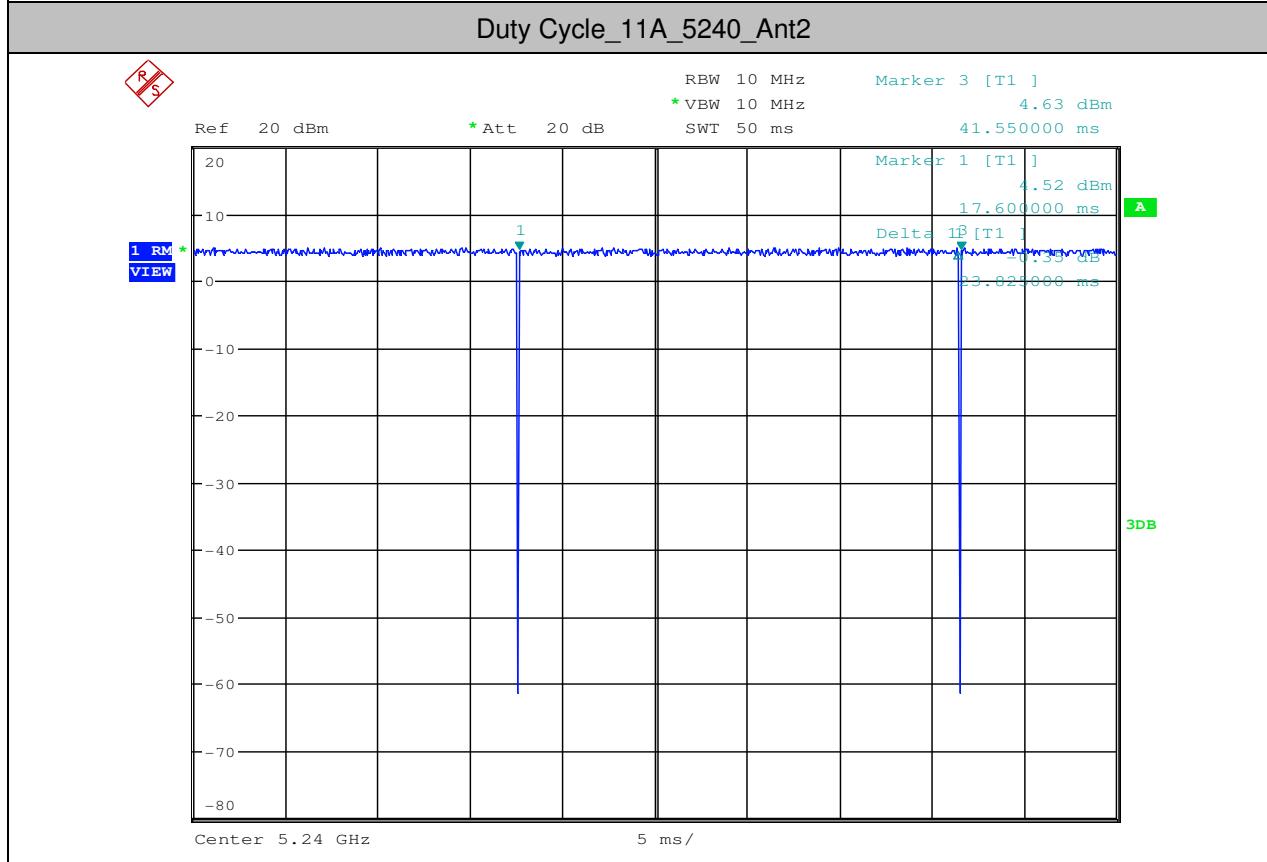
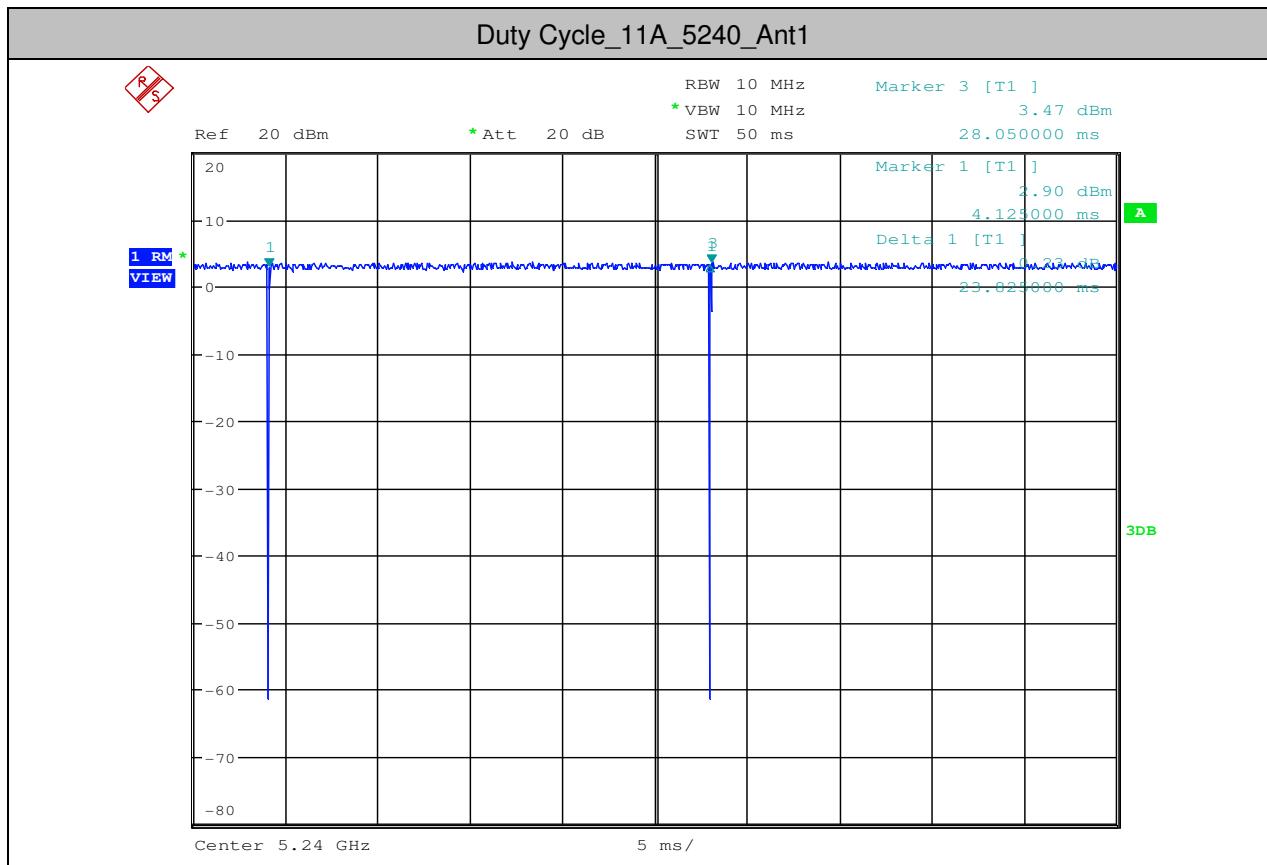
11N20	5785	Ant2	99.48	0.02
11N20	5785	Ant3	99.58	0.02
11N20	5825	Ant1	99.48	0.02
11N20	5825	Ant2	99.58	0.02
11N20	5825	Ant3	99.58	0.02
11N40	5190	Ant1	99.48	0.02
11N40	5190	Ant2	99.58	0.02
11N40	5190	Ant3	99.48	0.02
11N40	5230	Ant1	99.48	0.02
11N40	5230	Ant2	99.58	0.02
11N40	5230	Ant3	99.58	0.02
11N40	5755	Ant1	99.58	0.02
11N40	5755	Ant2	99.48	0.02
11N40	5755	Ant3	99.58	0.02
11N40	5795	Ant1	99.48	0.02
11N40	5795	Ant2	99.58	0.02
11N40	5795	Ant3	99.58	0.02
11AC20	5180	Ant1	99.48	0.02
11AC20	5180	Ant2	99.48	0.02
11AC20	5180	Ant3	99.58	0.02
11AC20	5220	Ant1	99.58	0.02
11AC20	5220	Ant2	99.58	0.02
11AC20	5220	Ant3	99.48	0.02
11AC20	5240	Ant1	99.48	0.02
11AC20	5240	Ant2	99.58	0.02
11AC20	5240	Ant3	99.58	0.02
11AC20	5745	Ant1	99.58	0.02
11AC20	5745	Ant2	99.48	0.02
11AC20	5745	Ant3	99.58	0.02
11AC20	5785	Ant1	99.58	0.02
11AC20	5785	Ant2	99.58	0.02
11AC20	5785	Ant3	99.48	0.02
11AC20	5825	Ant1	99.58	0.02
11AC20	5825	Ant2	99.48	0.02

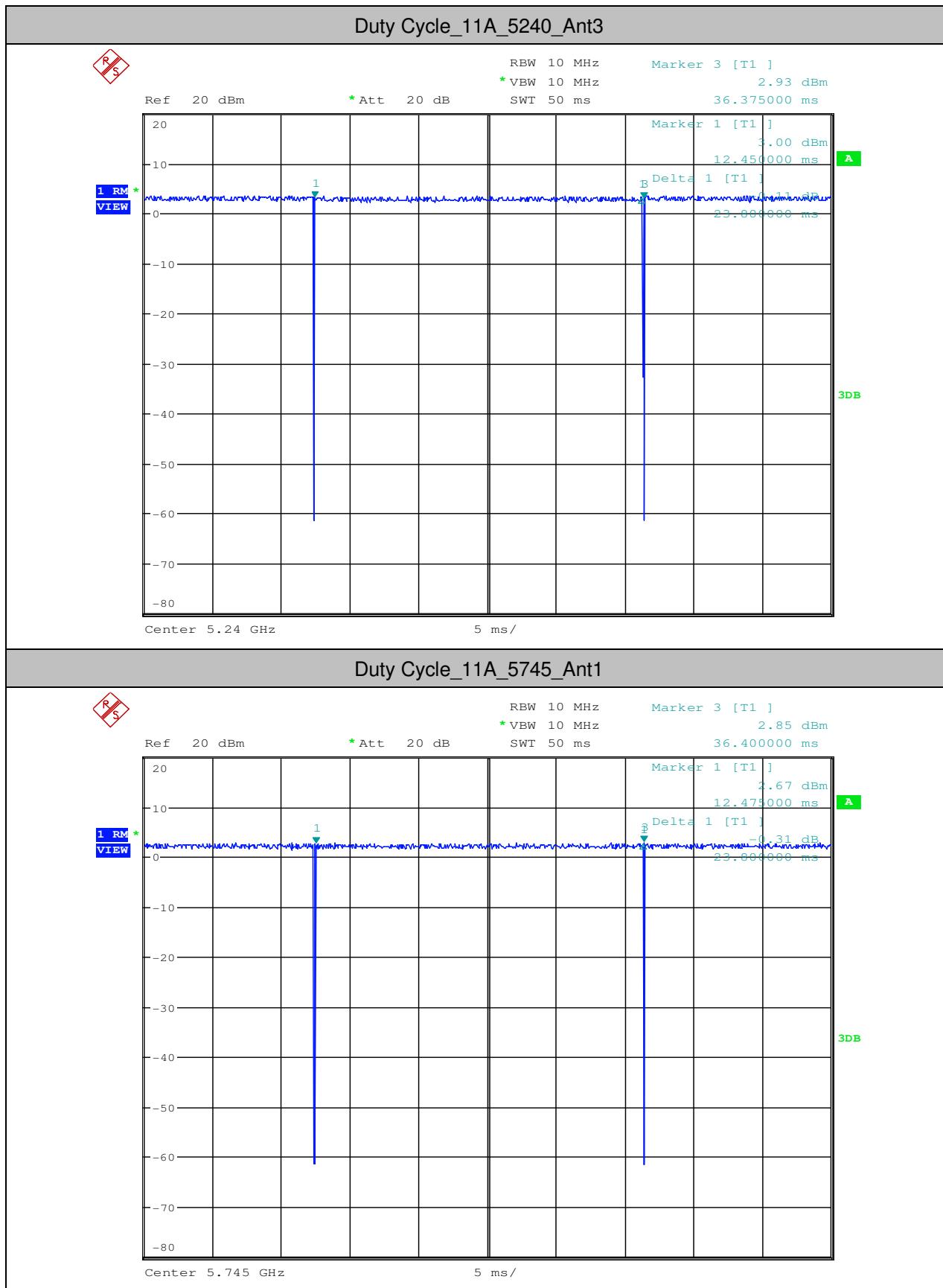
11AC20	5825	Ant3	99.48	0.02
11AC40	5190	Ant1	99.48	0.02
11AC40	5190	Ant2	99.58	0.02
11AC40	5190	Ant3	99.48	0.02
11AC40	5230	Ant1	99.48	0.02
11AC40	5230	Ant2	99.58	0.02
11AC40	5230	Ant3	99.58	0.02
11AC40	5755	Ant1	99.48	0.02
11AC40	5755	Ant2	99.58	0.02
11AC40	5755	Ant3	99.48	0.02
11AC40	5795	Ant1	99.48	0.02
11AC40	5795	Ant2	99.58	0.02
11AC40	5795	Ant3	99.58	0.02
11AC80	5210	Ant1	99.58	0.02
11AC80	5210	Ant2	99.48	0.02
11AC80	5210	Ant3	99.58	0.02
11AC80	5775	Ant1	99.48	0.02
11AC80	5775	Ant2	99.48	0.02
11AC80	5775	Ant3	99.48	0.02

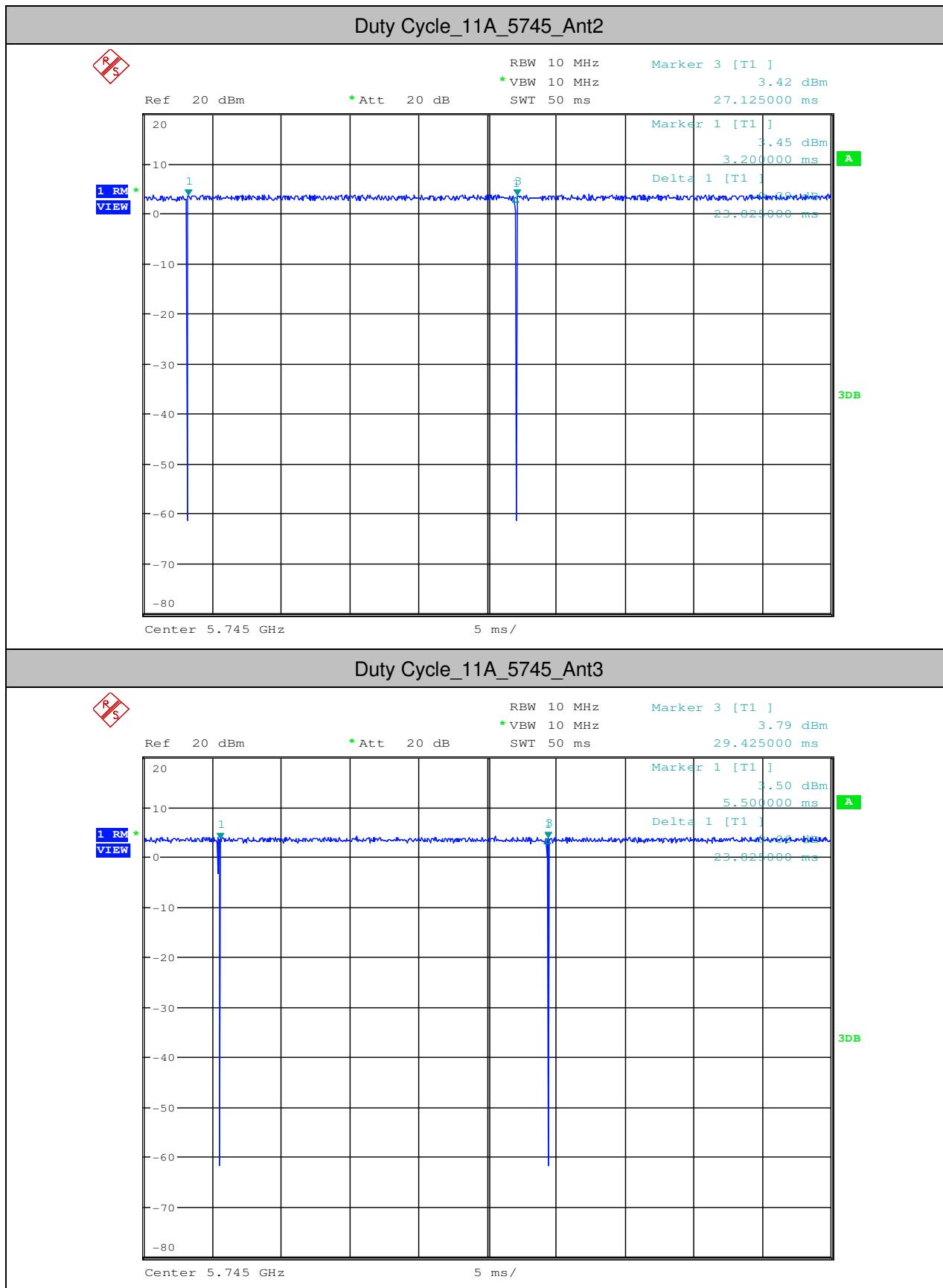


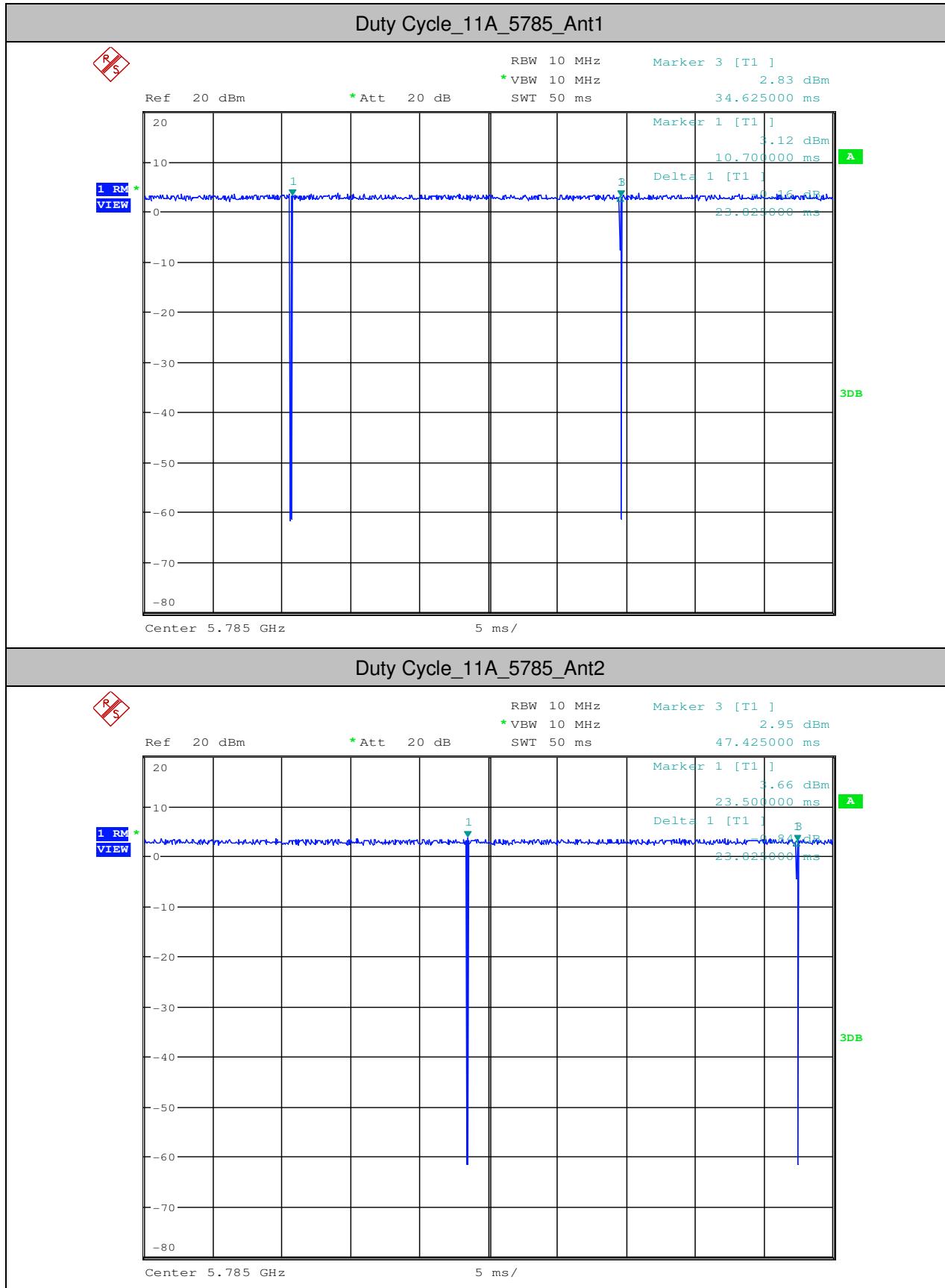


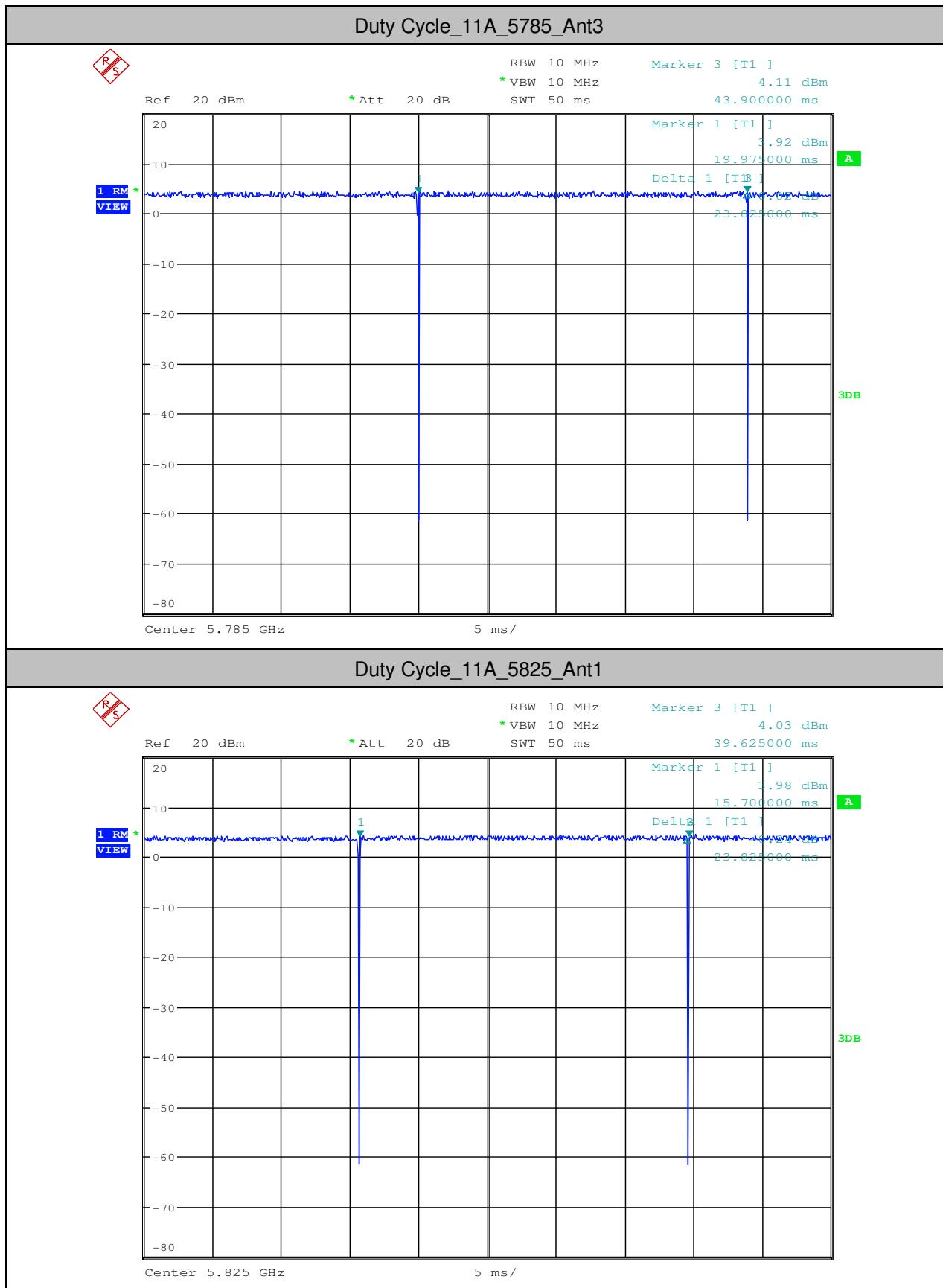


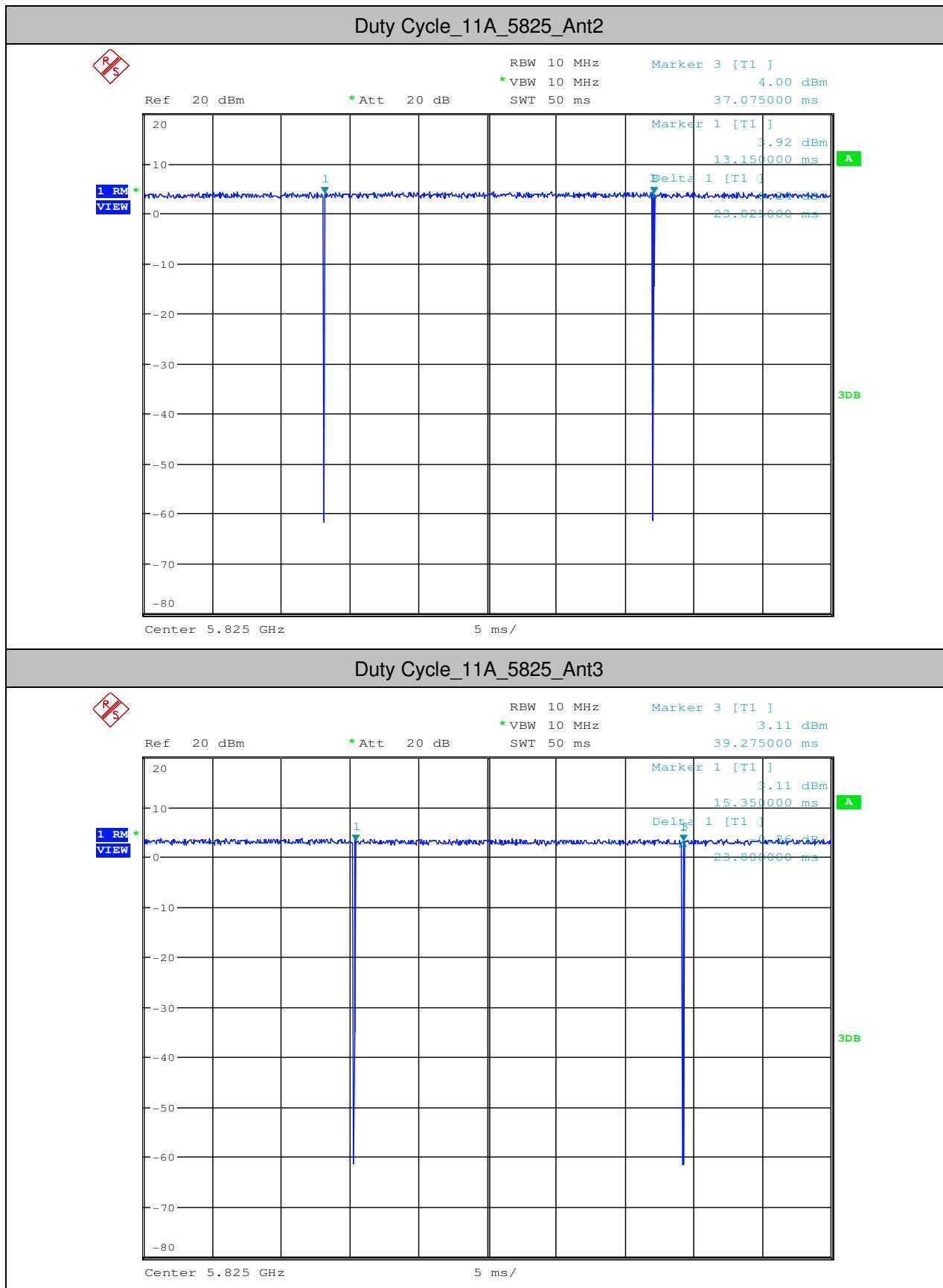


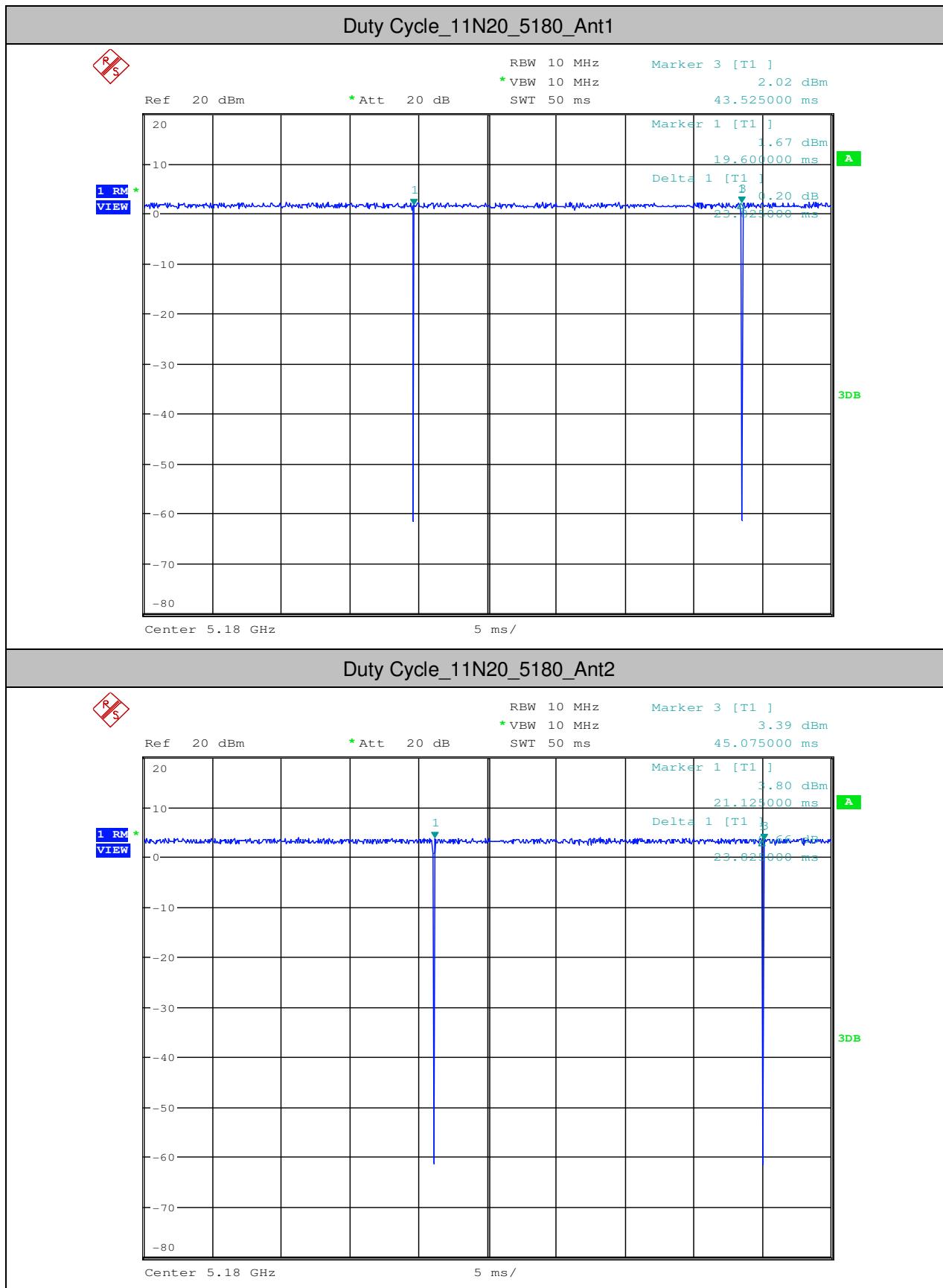


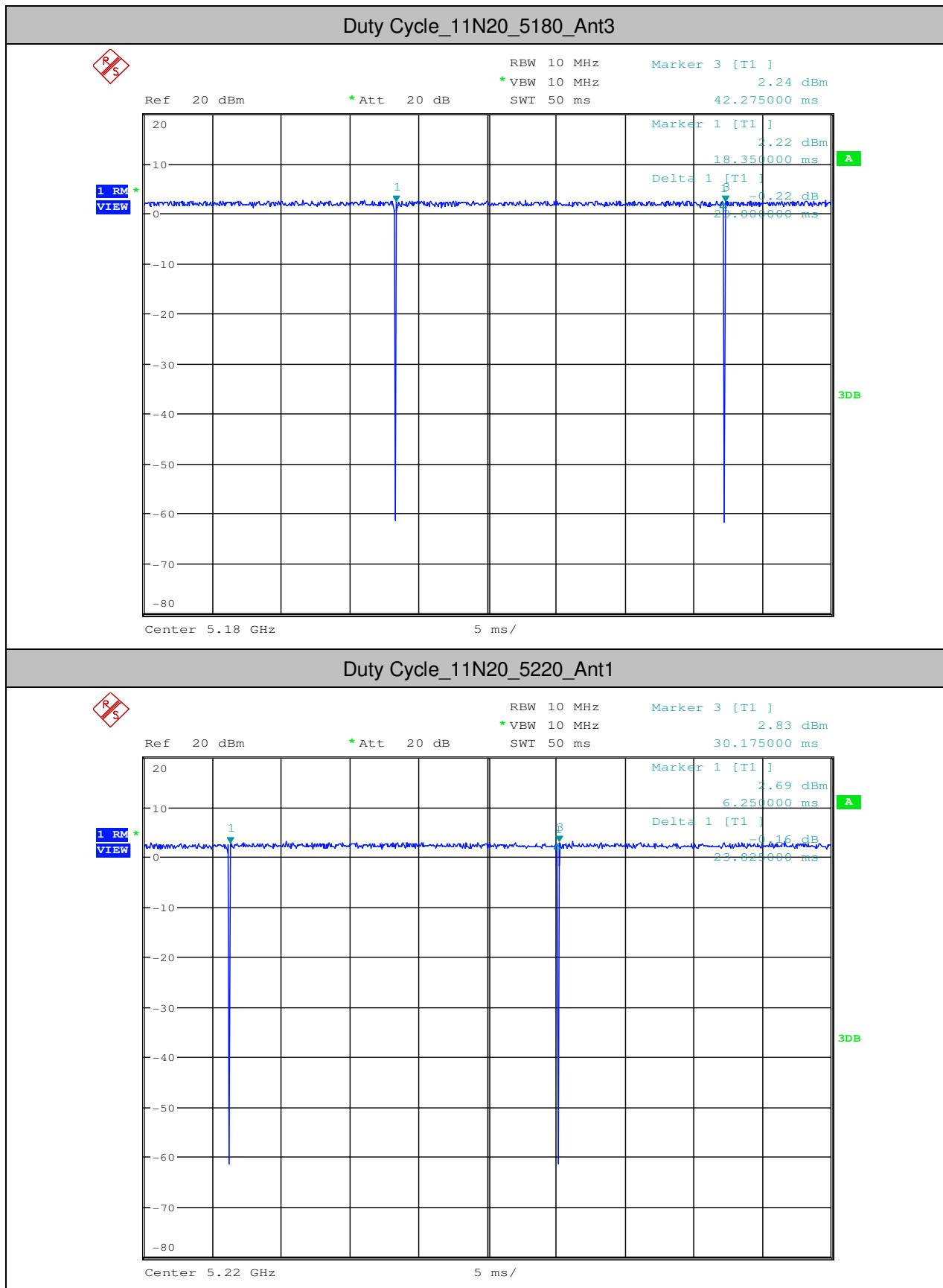


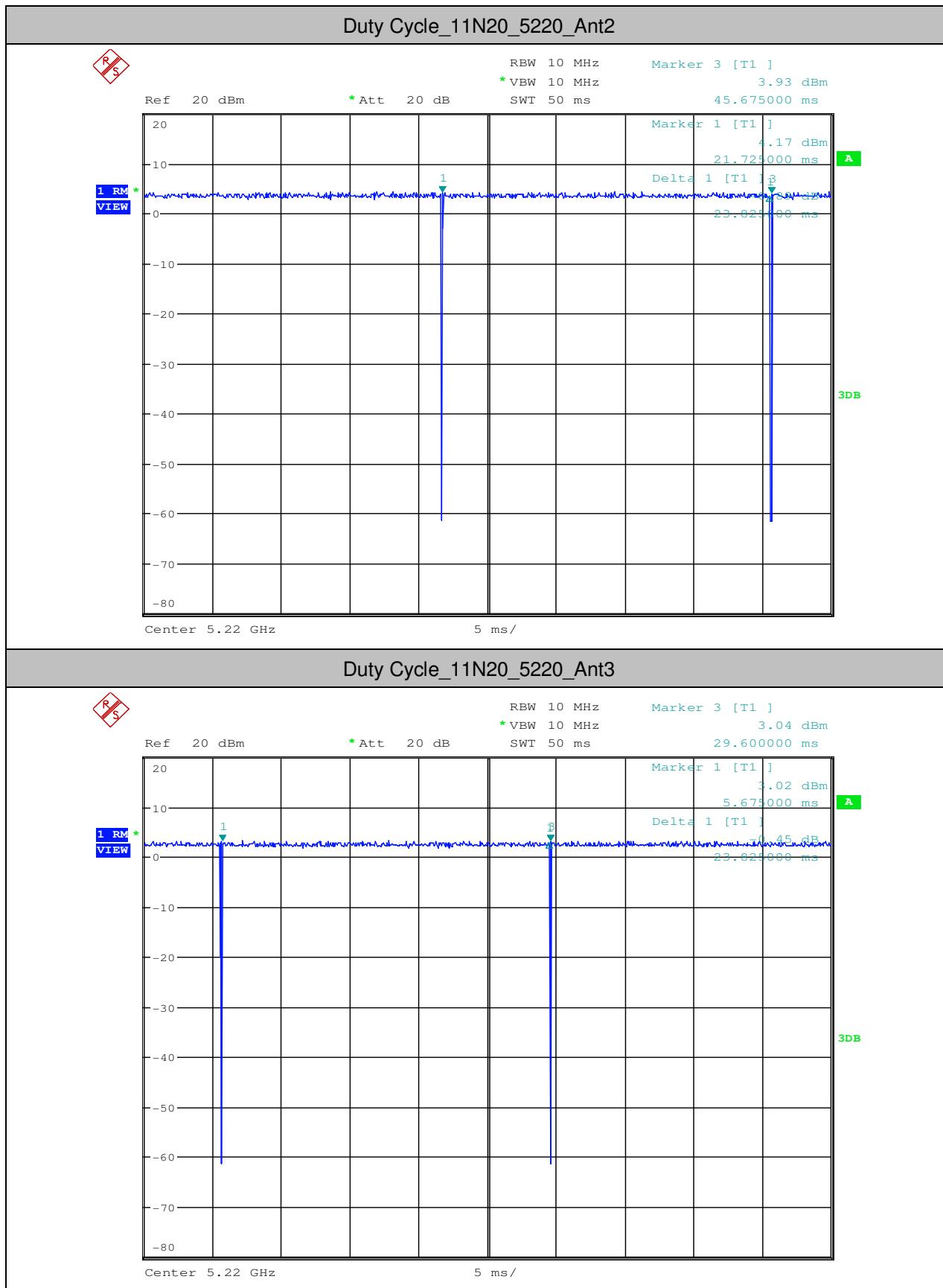


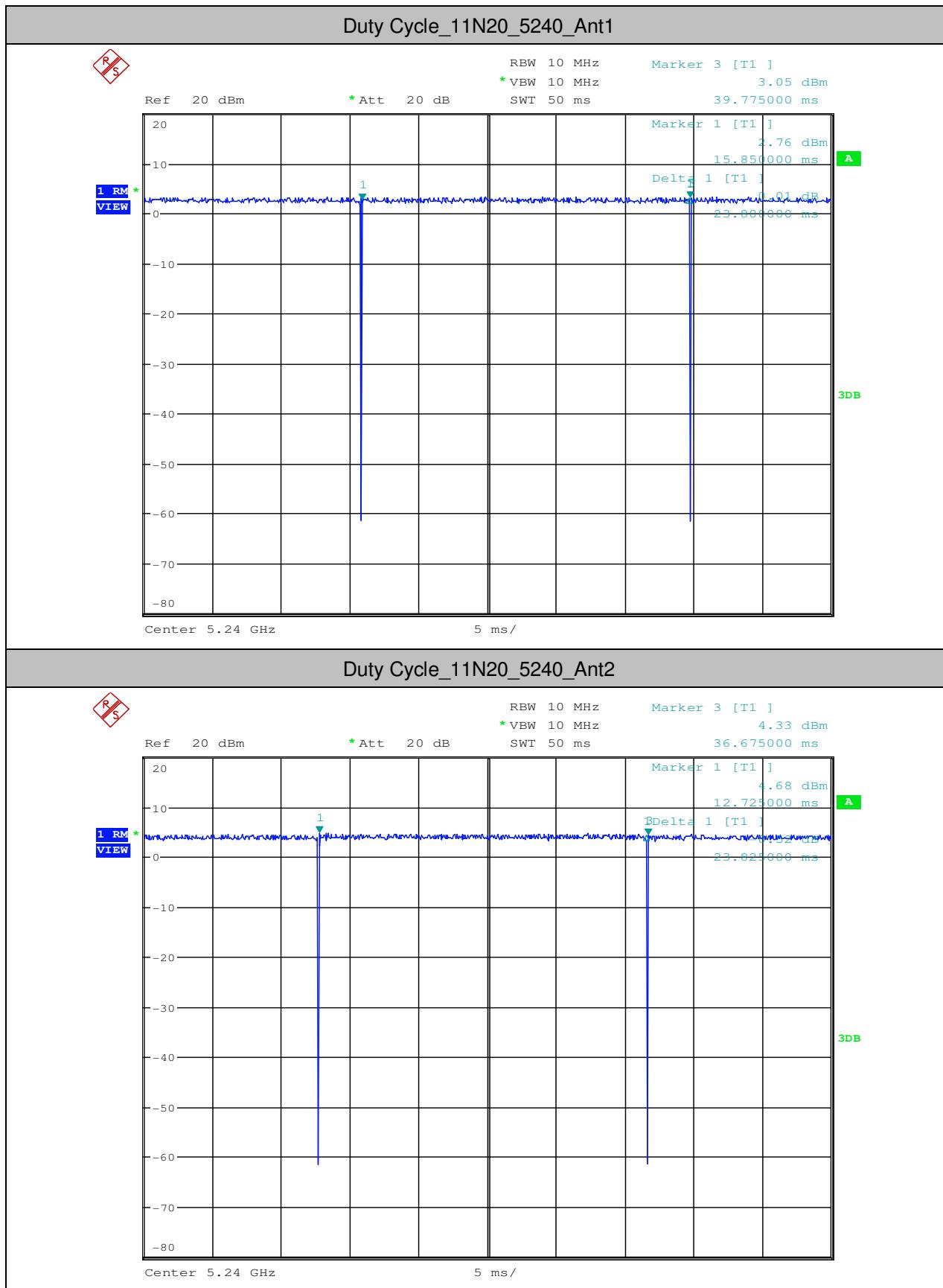


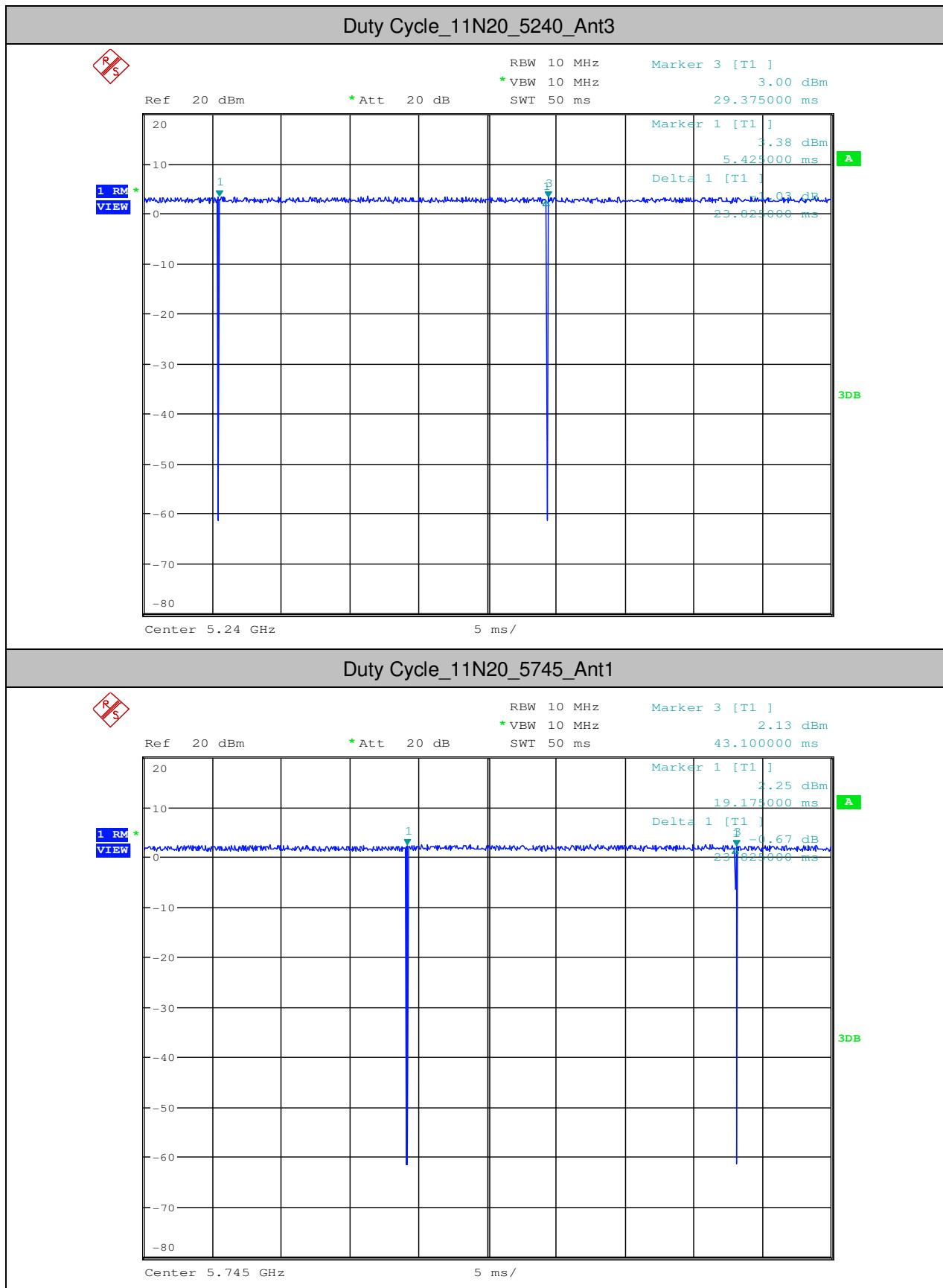


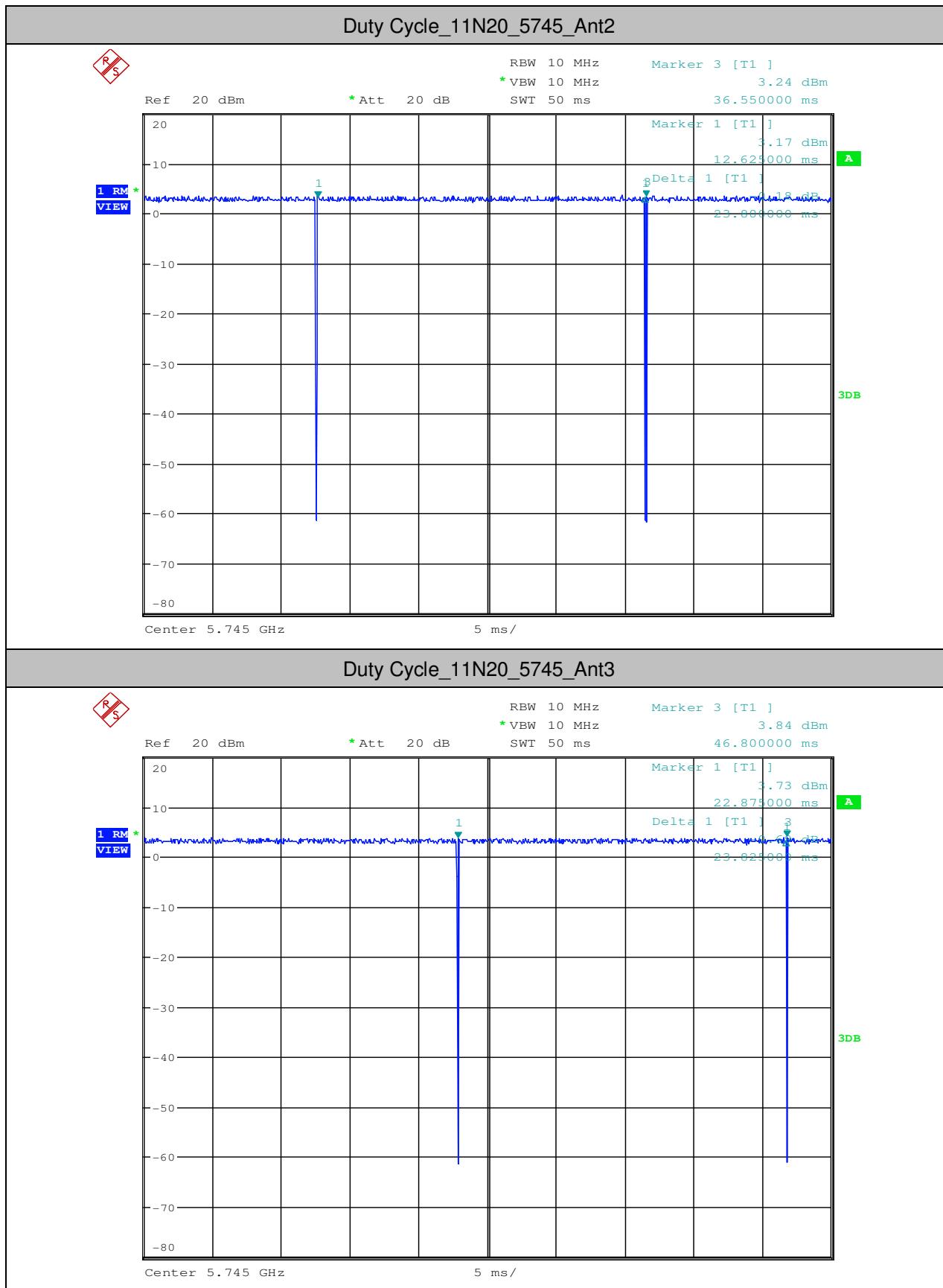


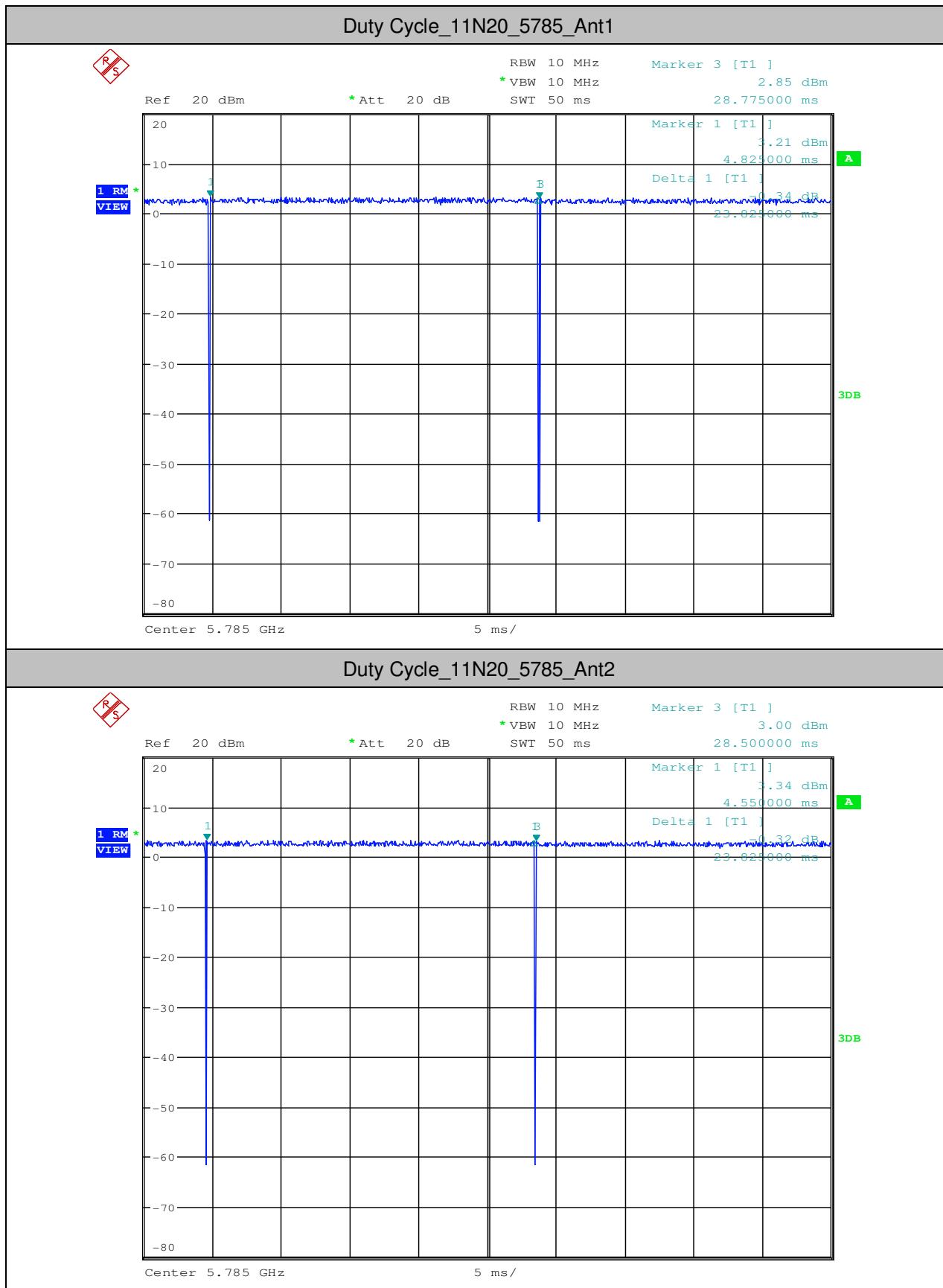


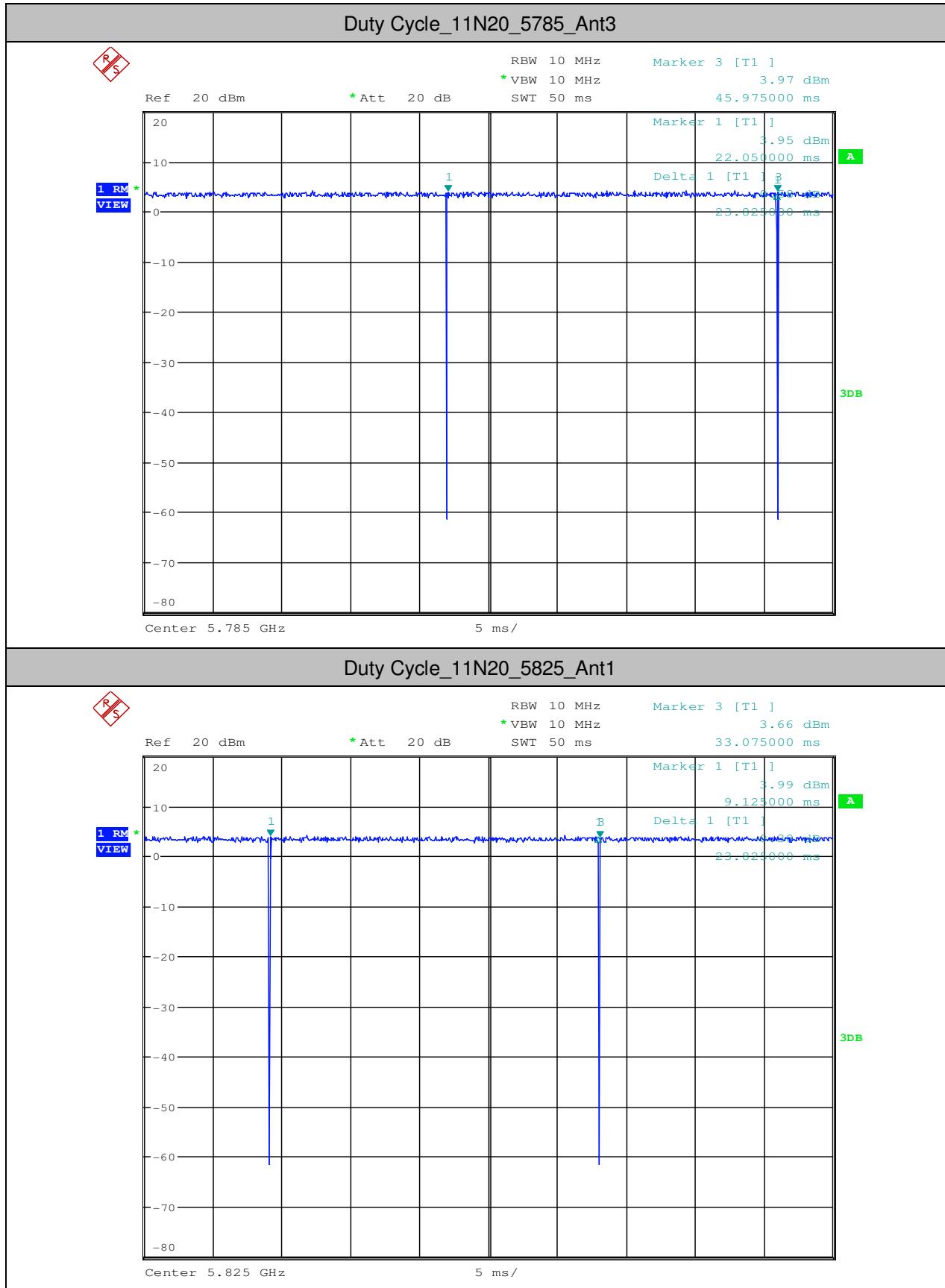






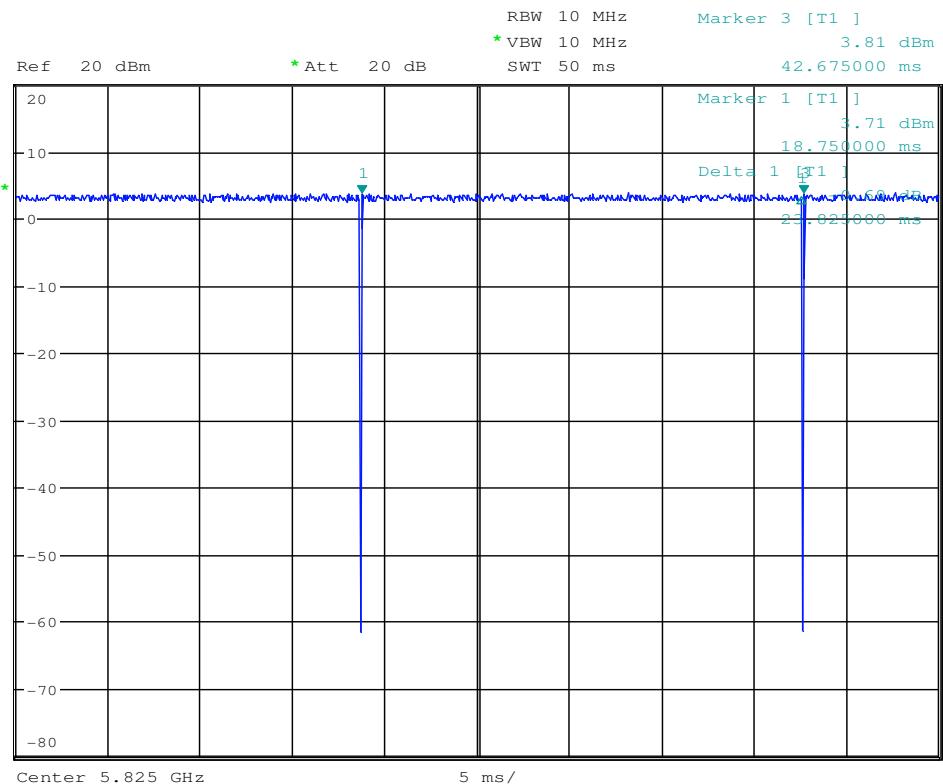






Duty Cycle_11N20_5825_Ant2

RS

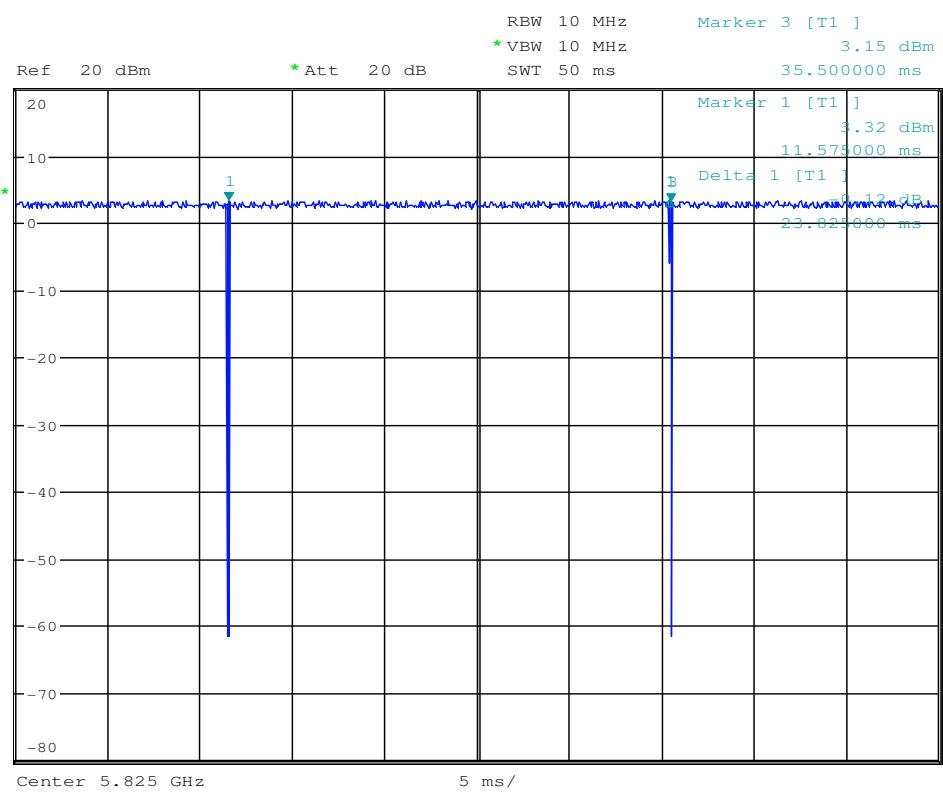


A

3dB

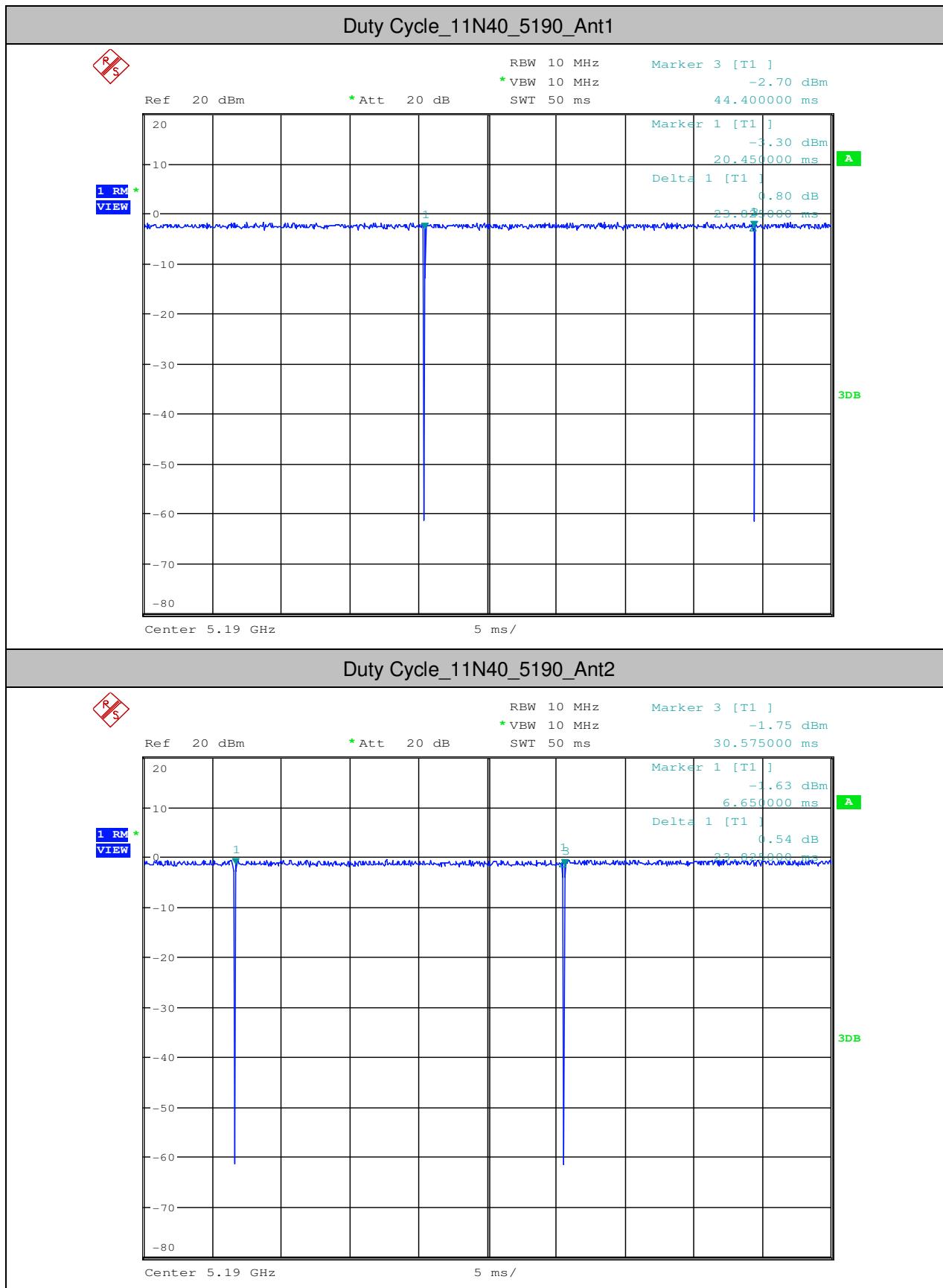
Duty Cycle_11N20_5825_Ant3

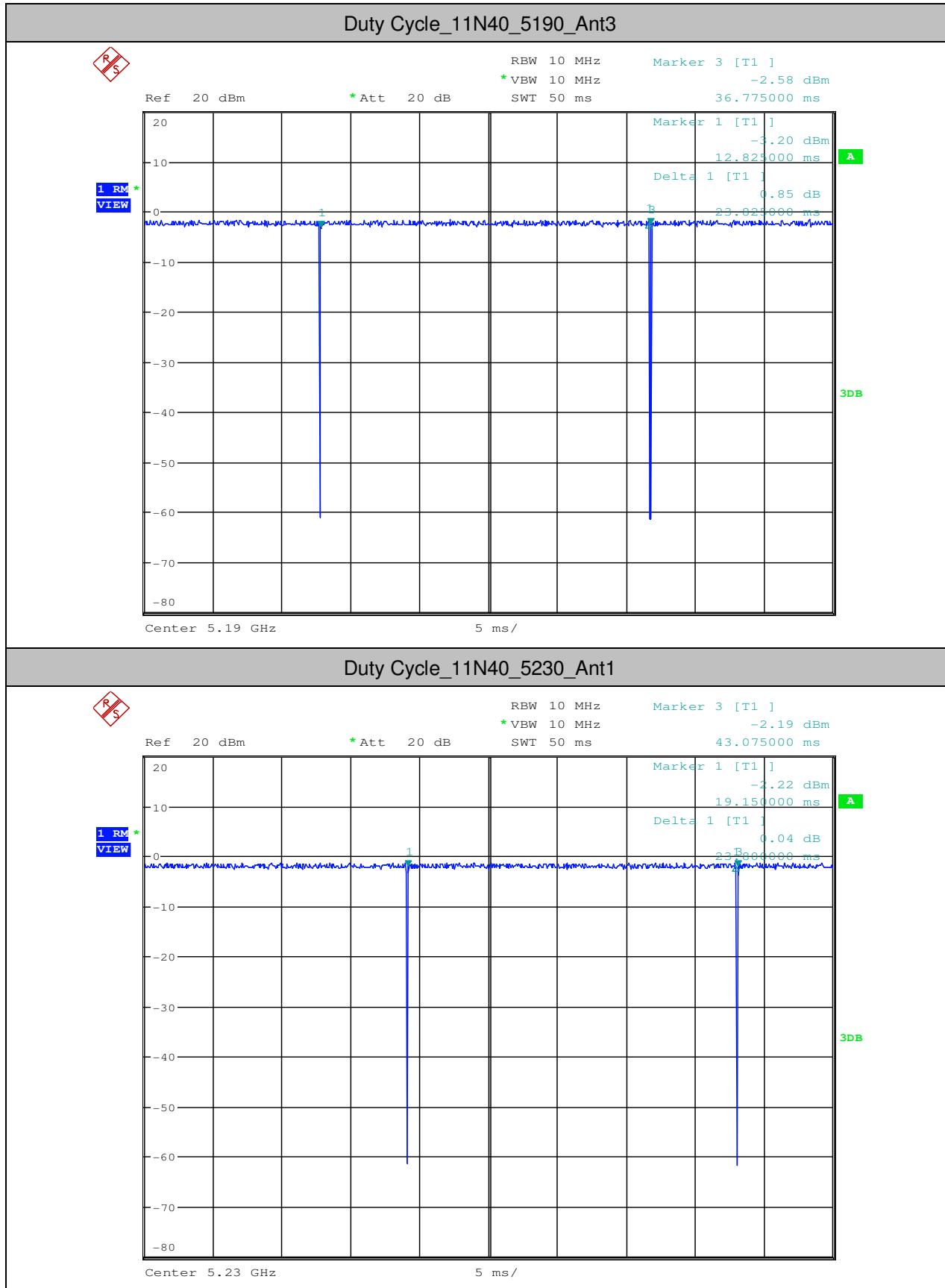
RS



A

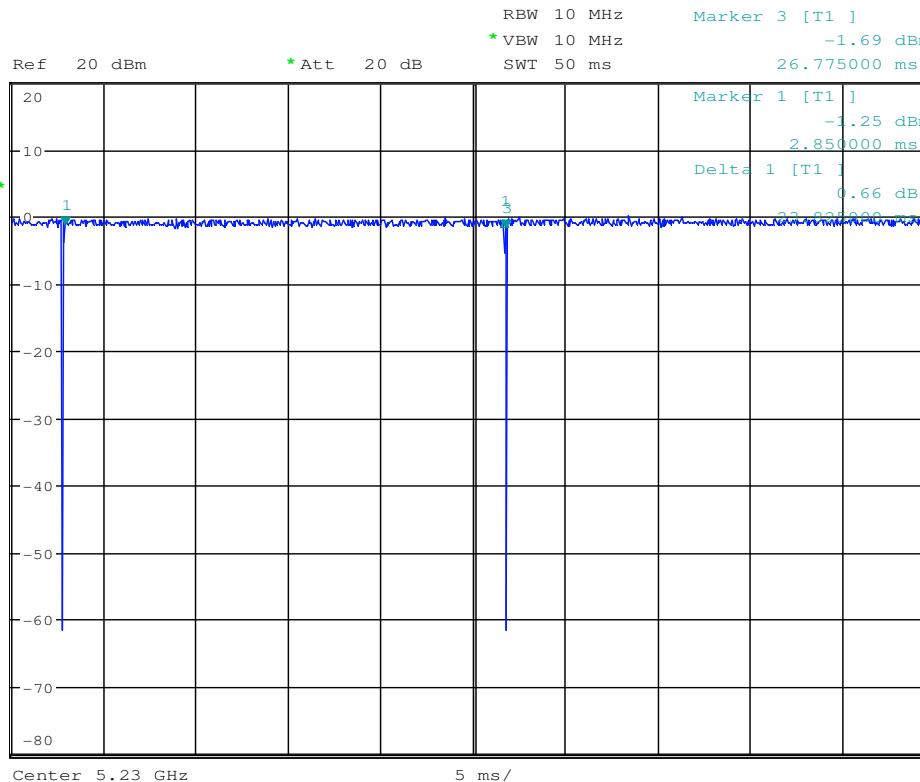
3dB





Duty Cycle_11N40_5230_Ant2

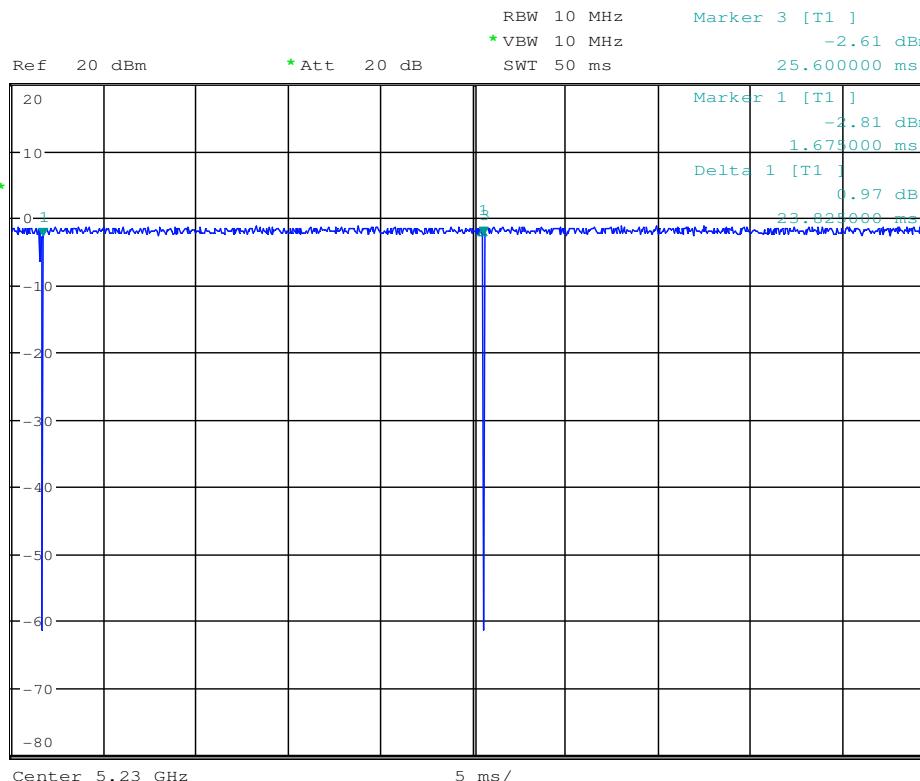
RS



Center 5.23 GHz 5 ms /

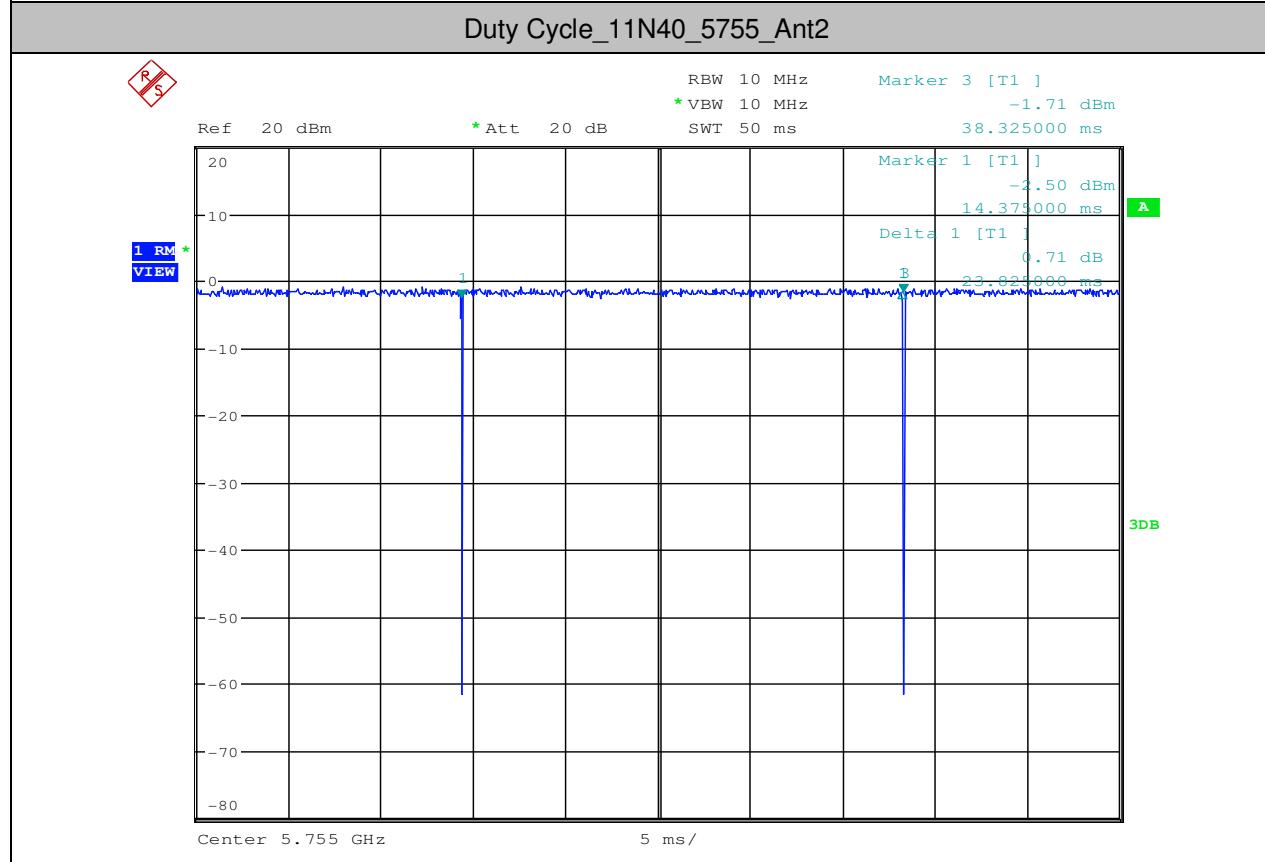
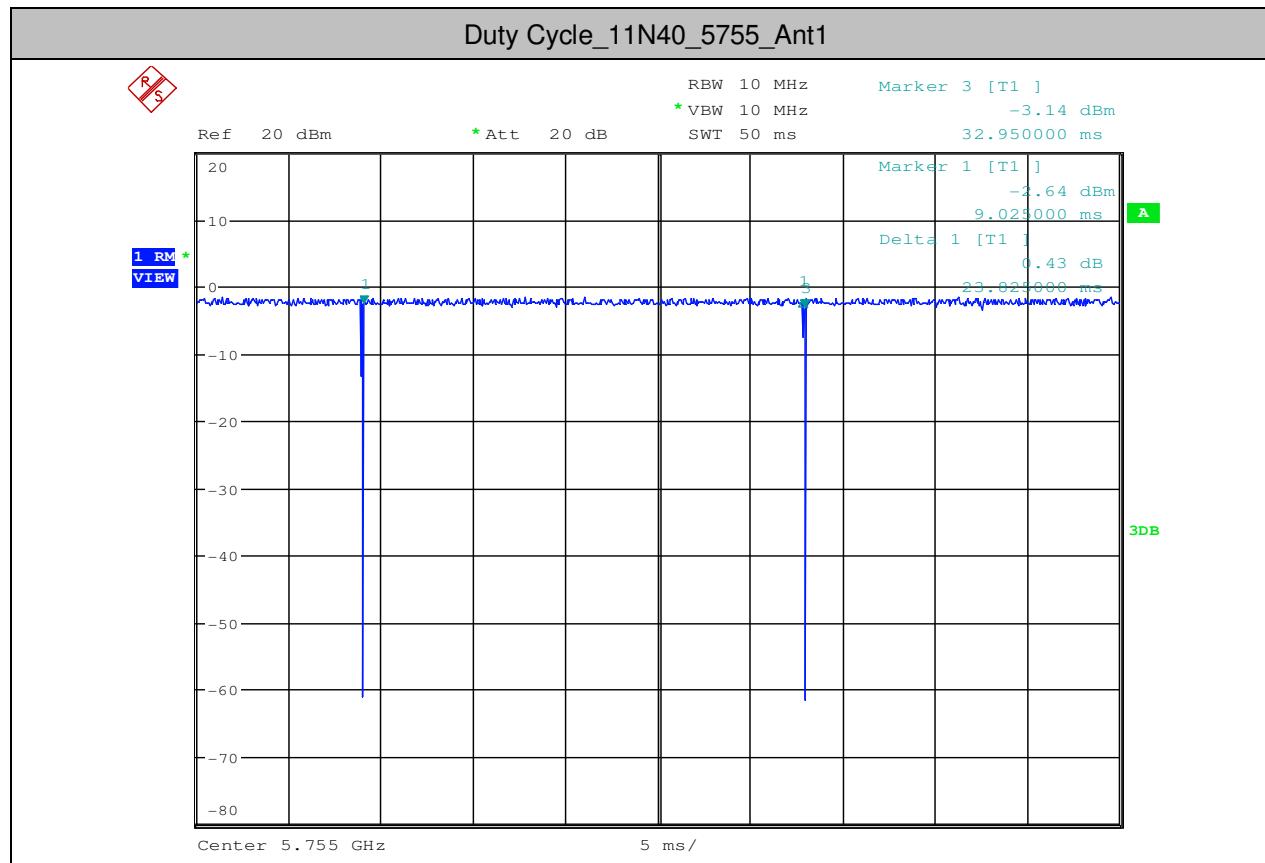
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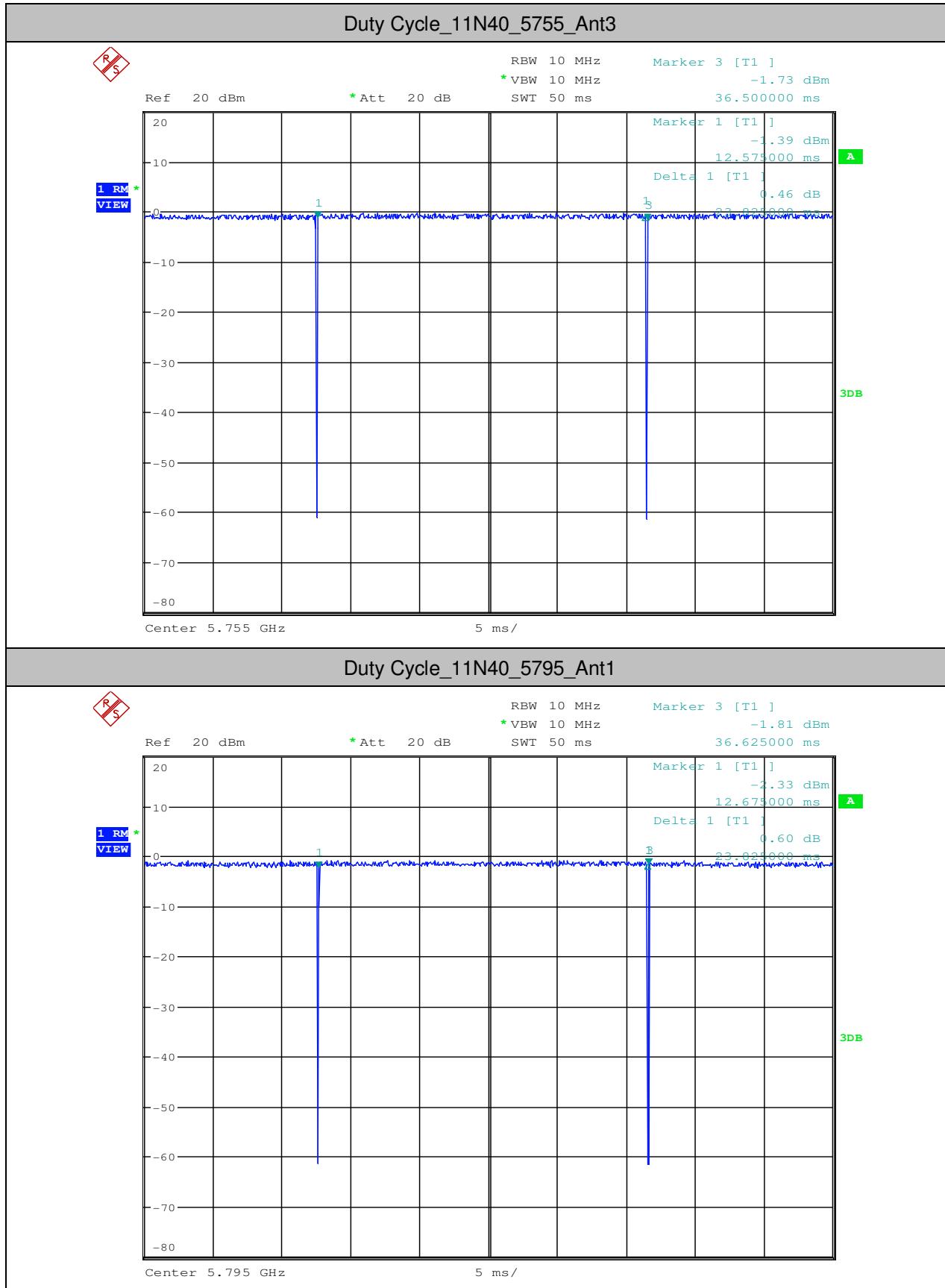
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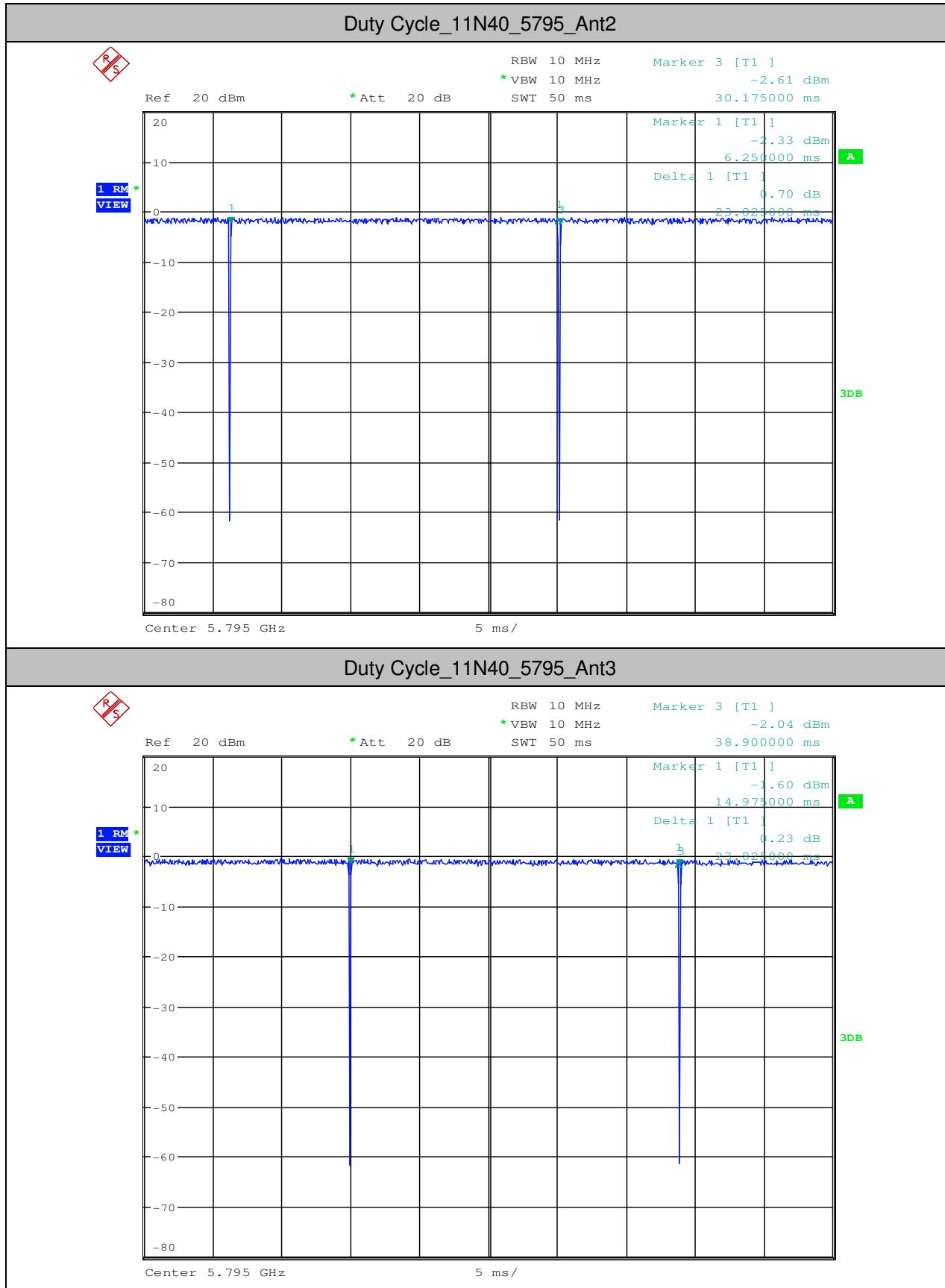


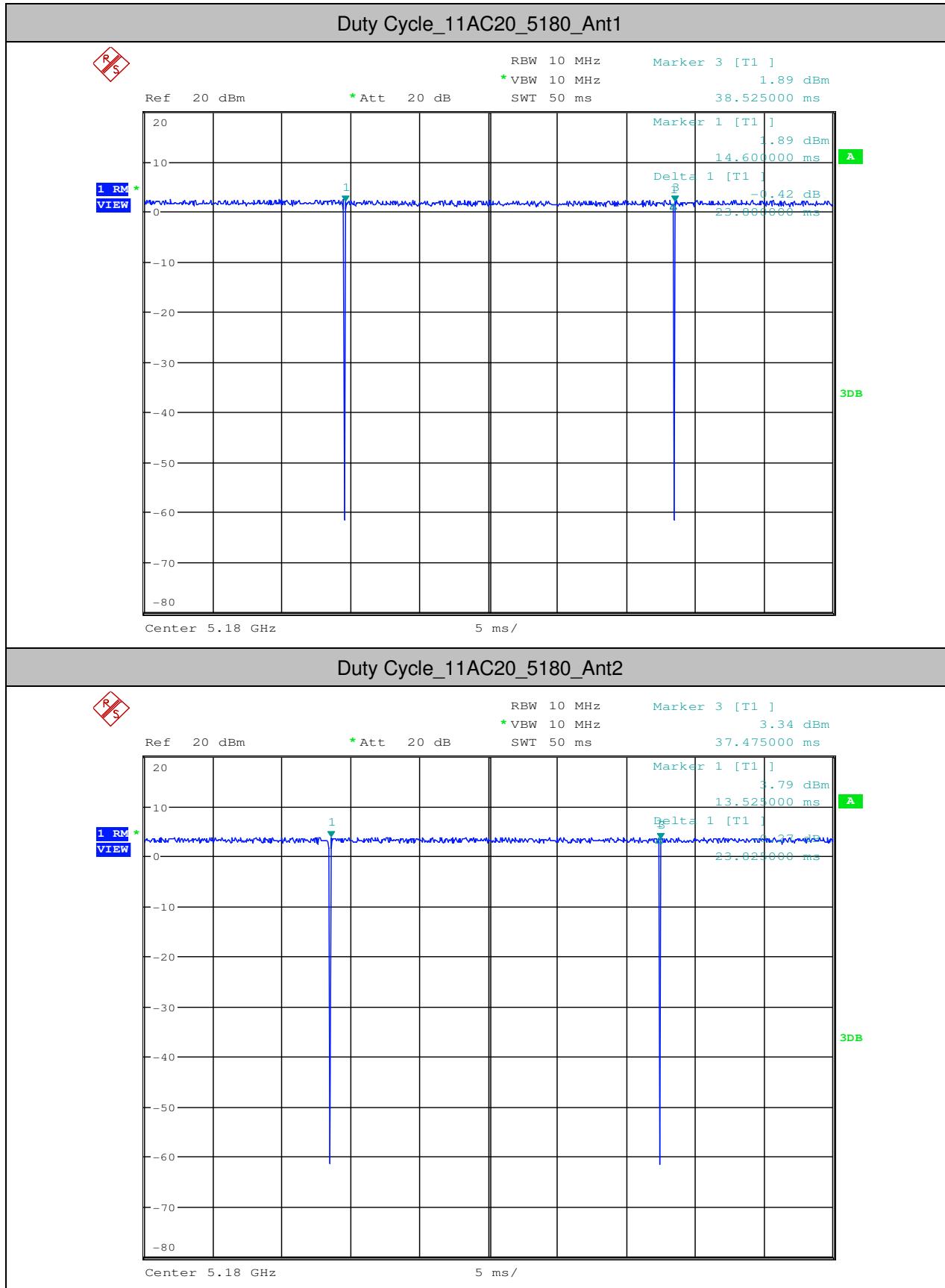
Center 5.23 GHz 5 ms /

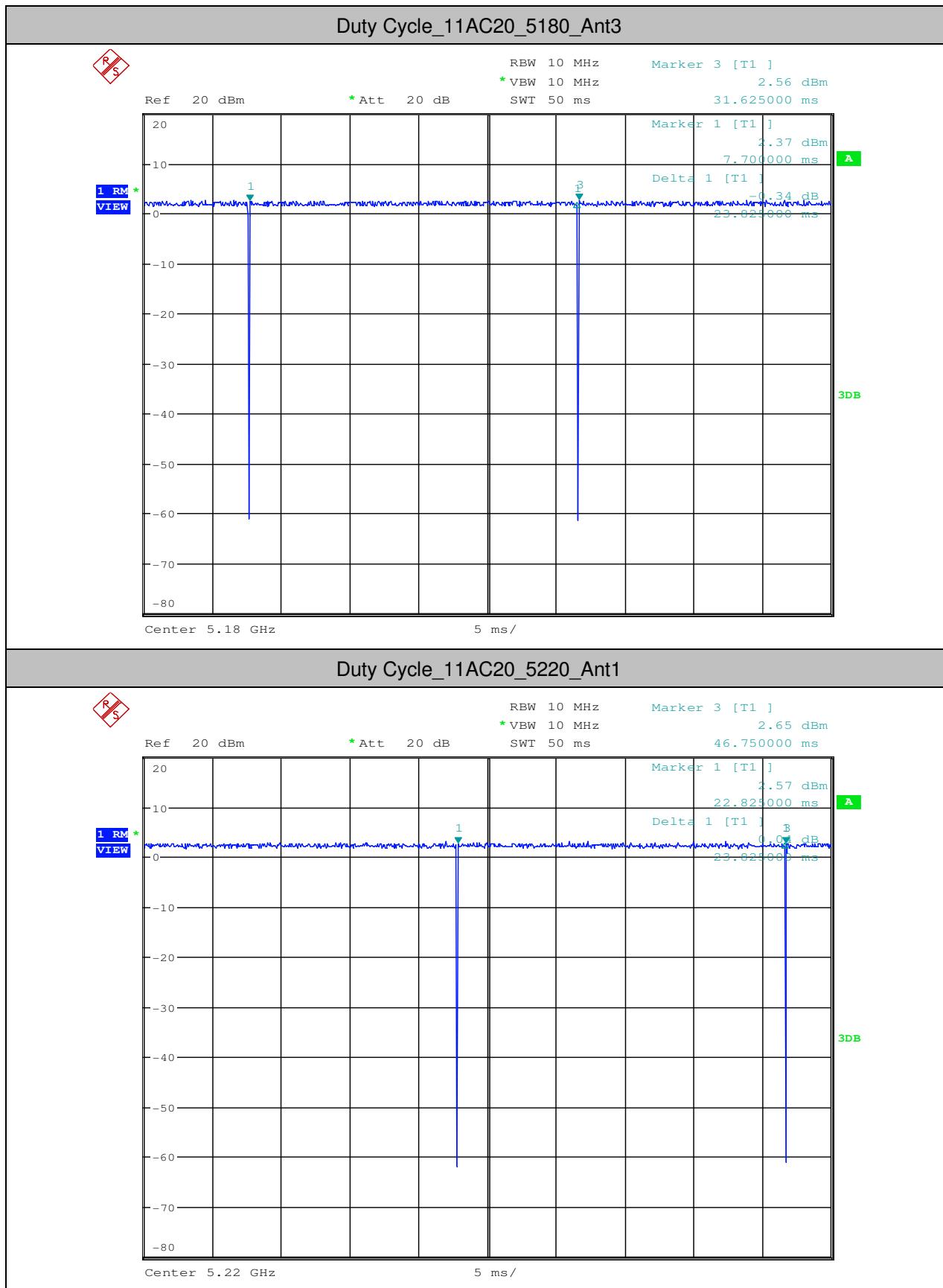
Duty Cycle_11N40_5755_Ant1

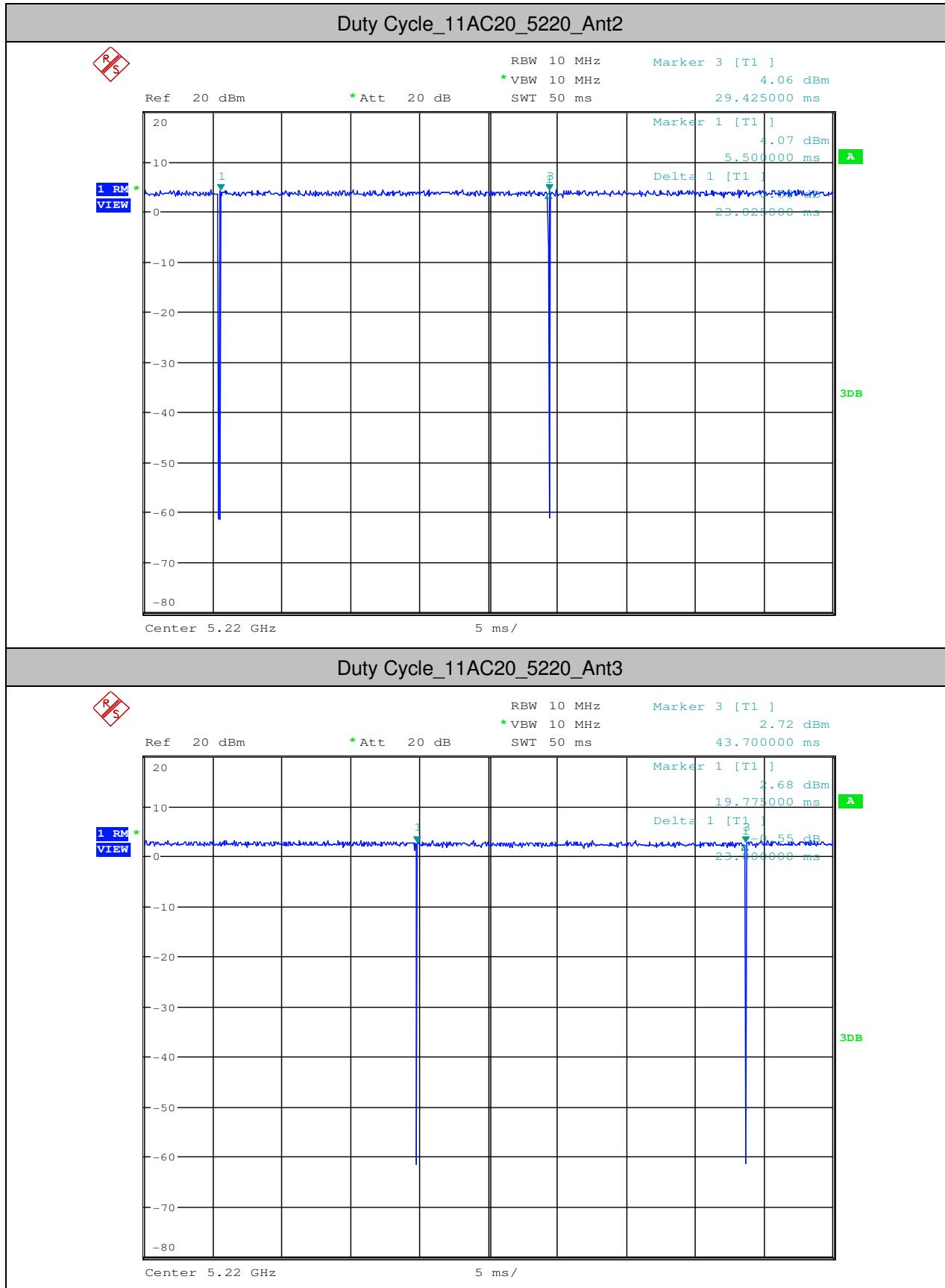


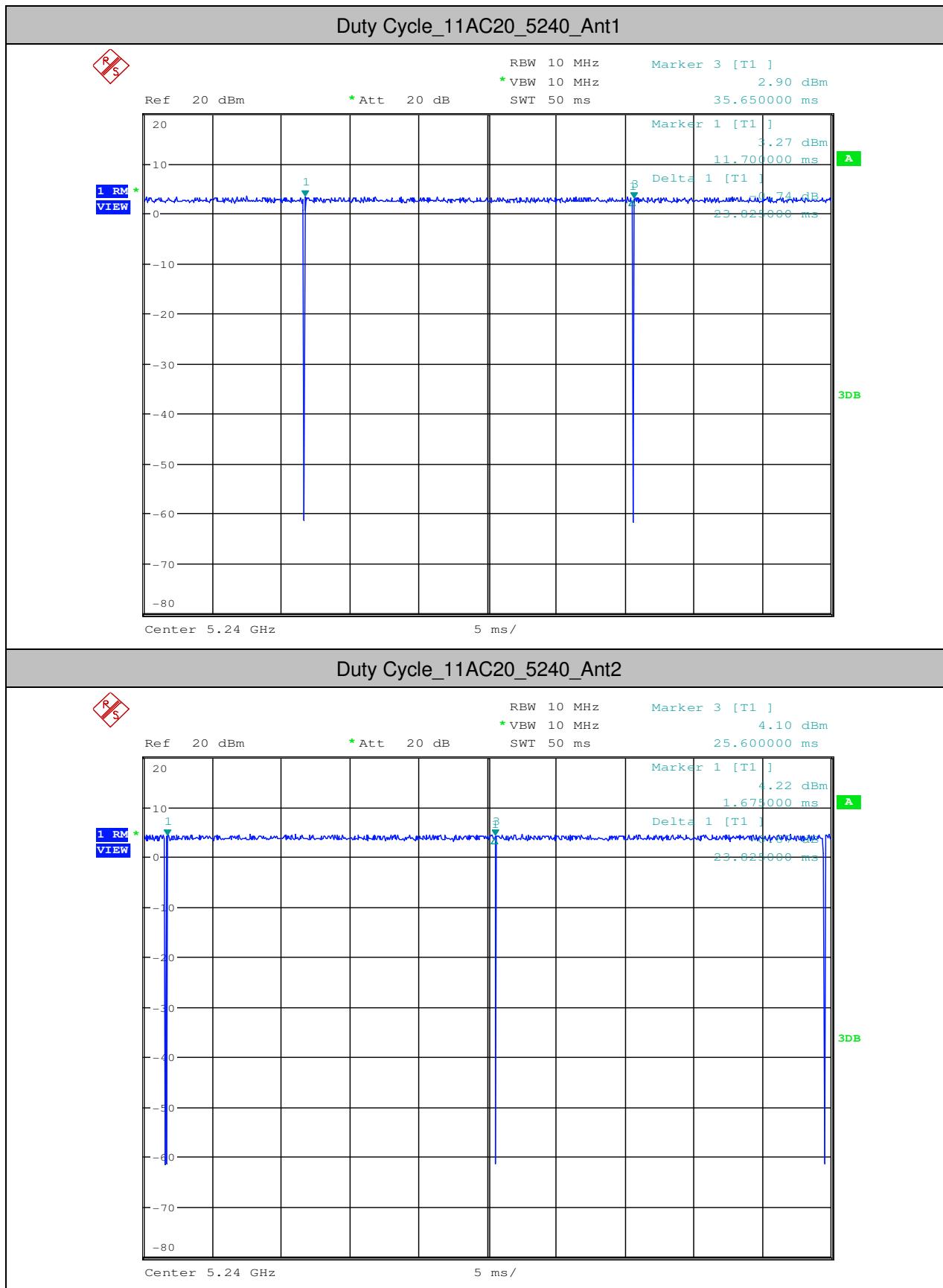


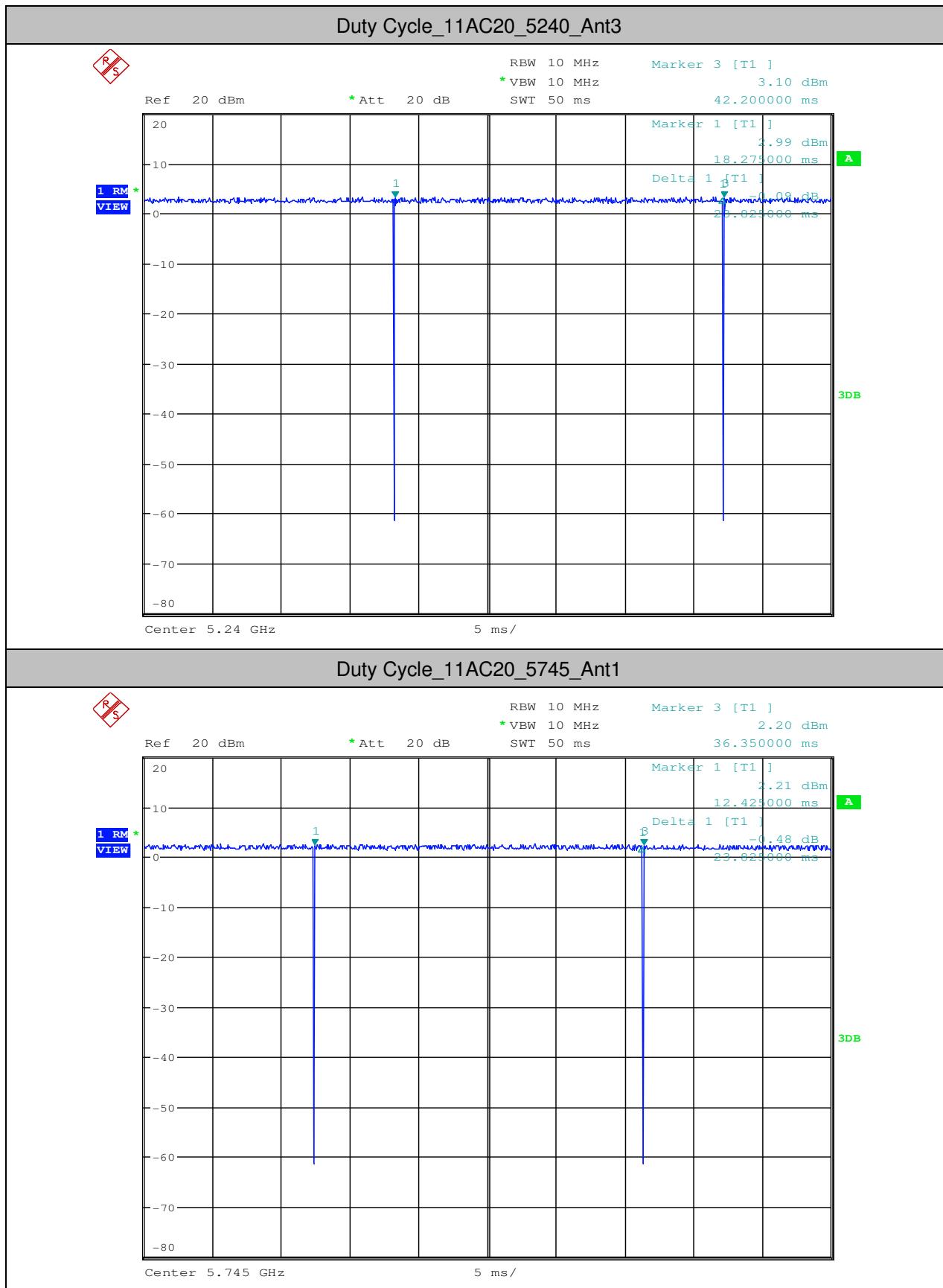


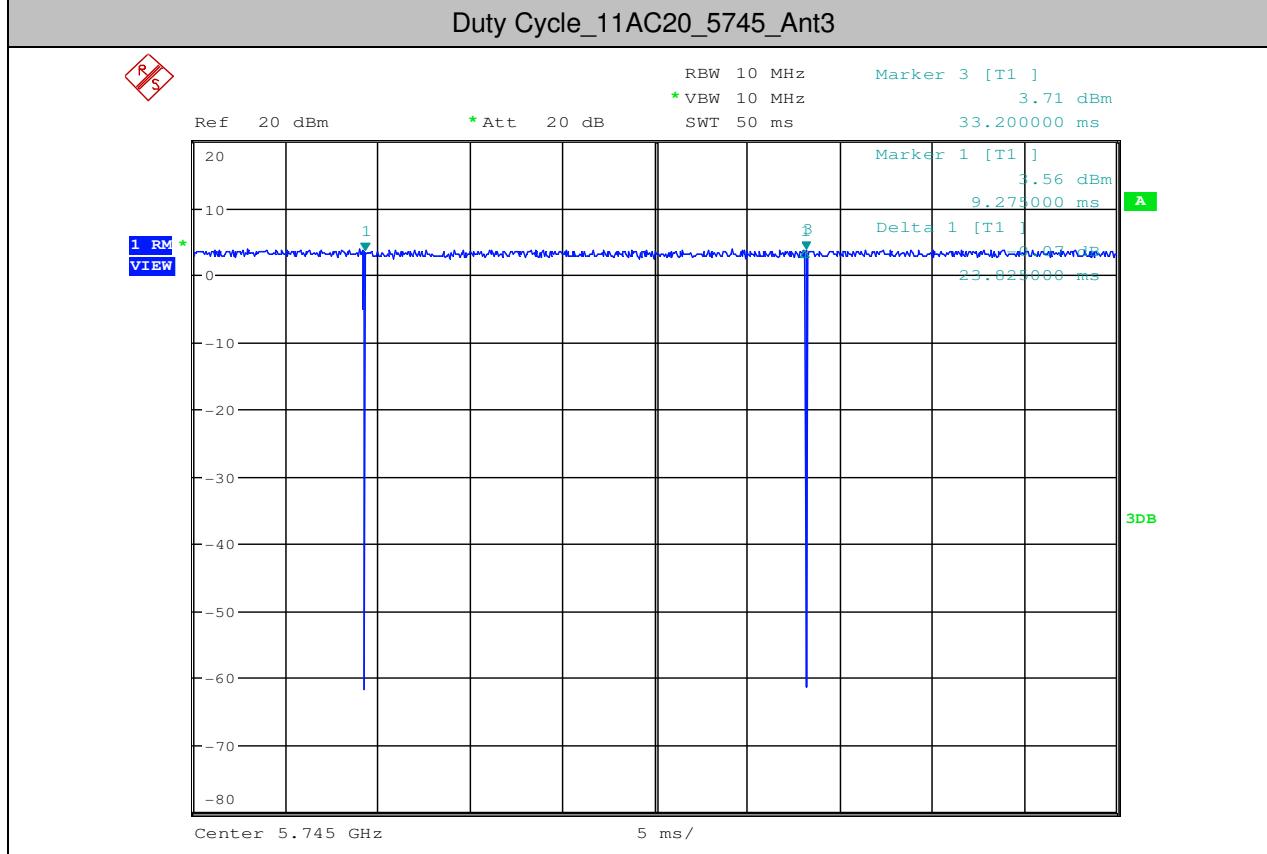
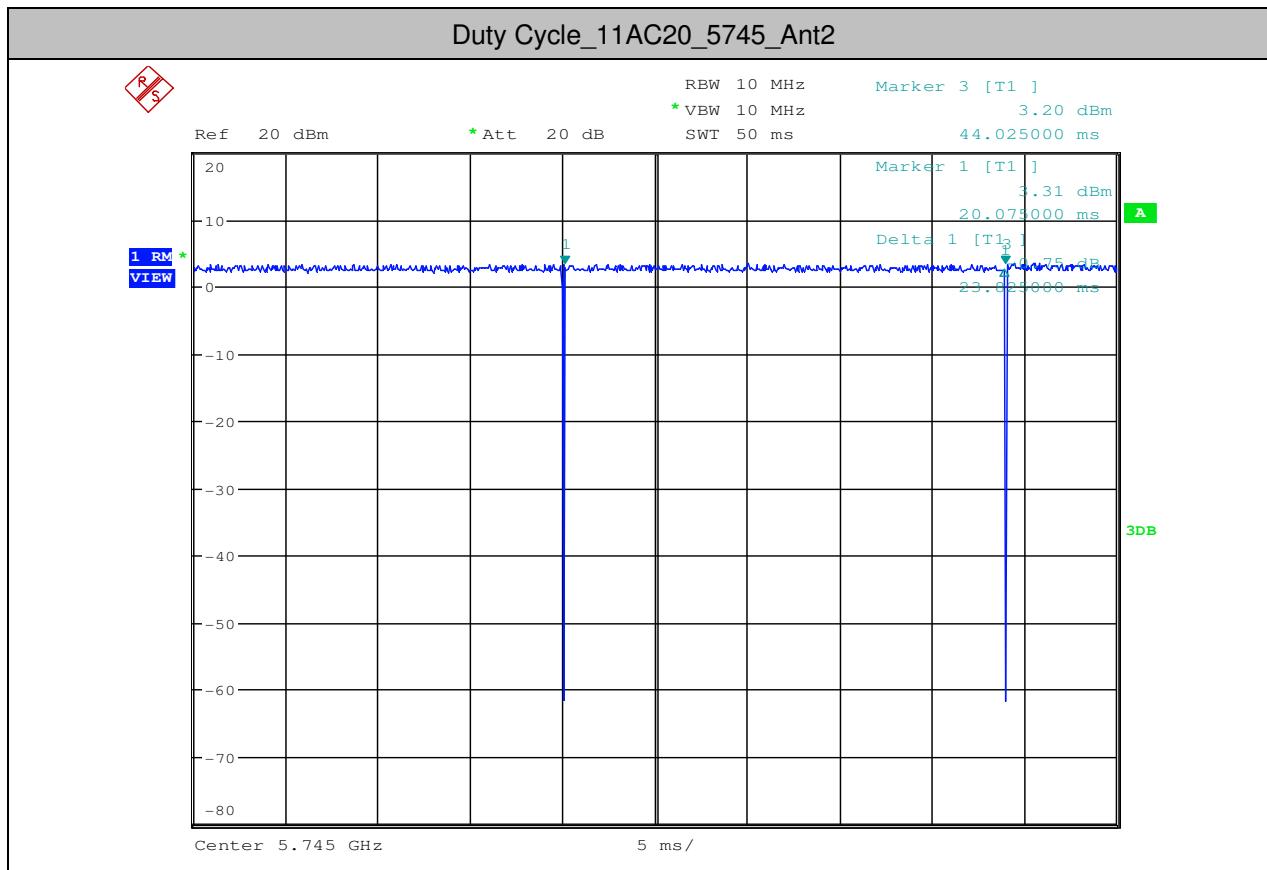


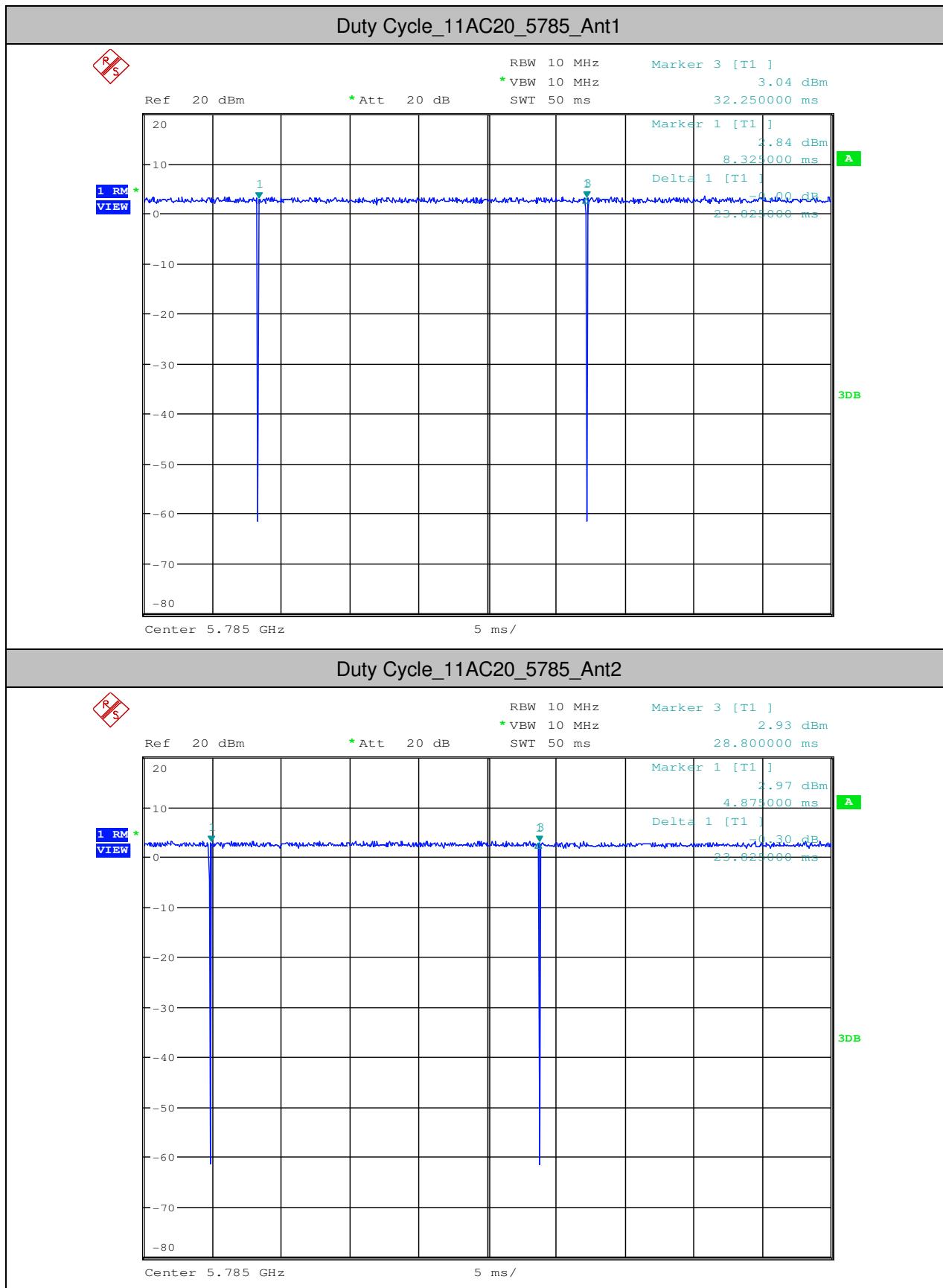


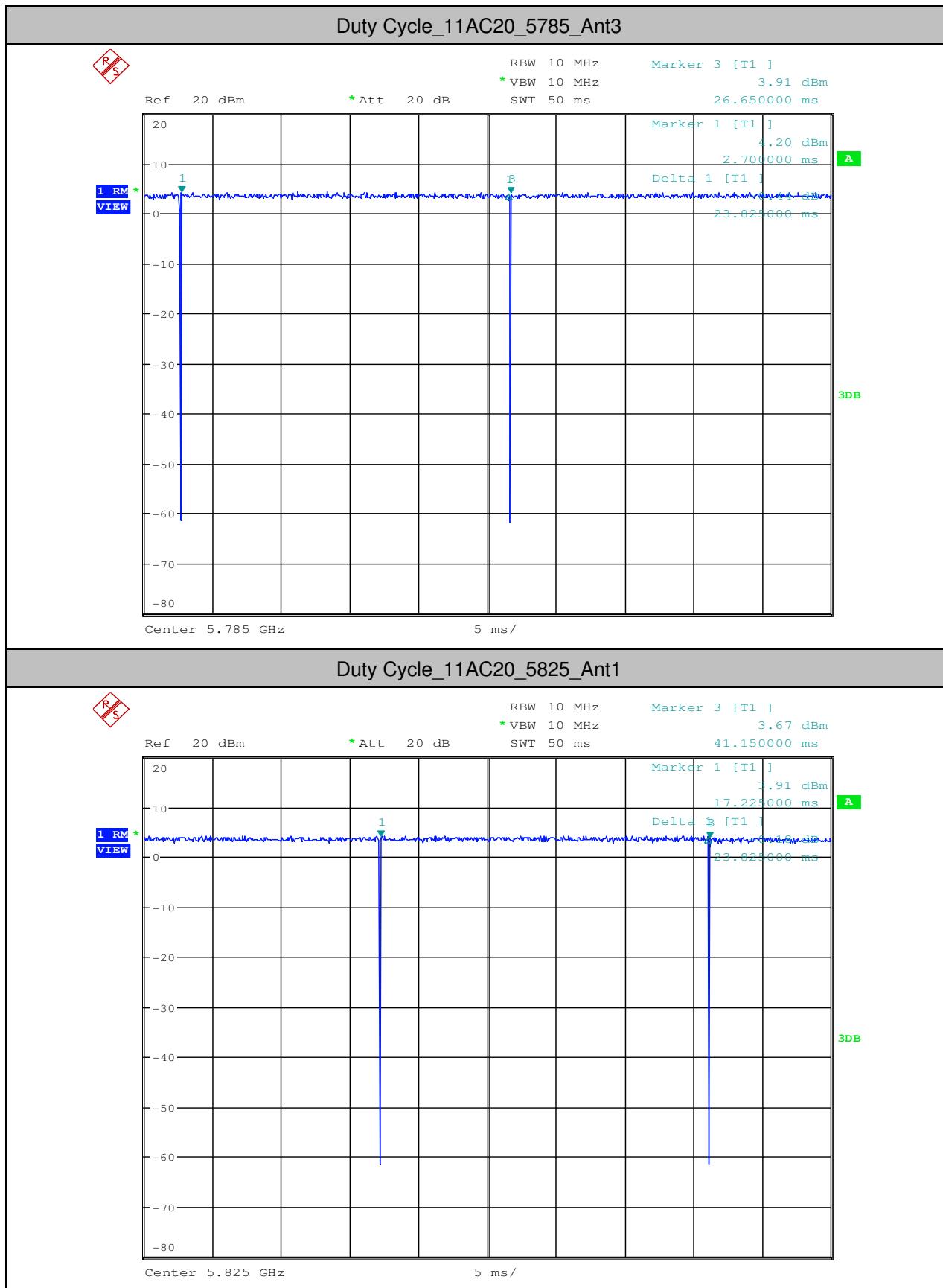


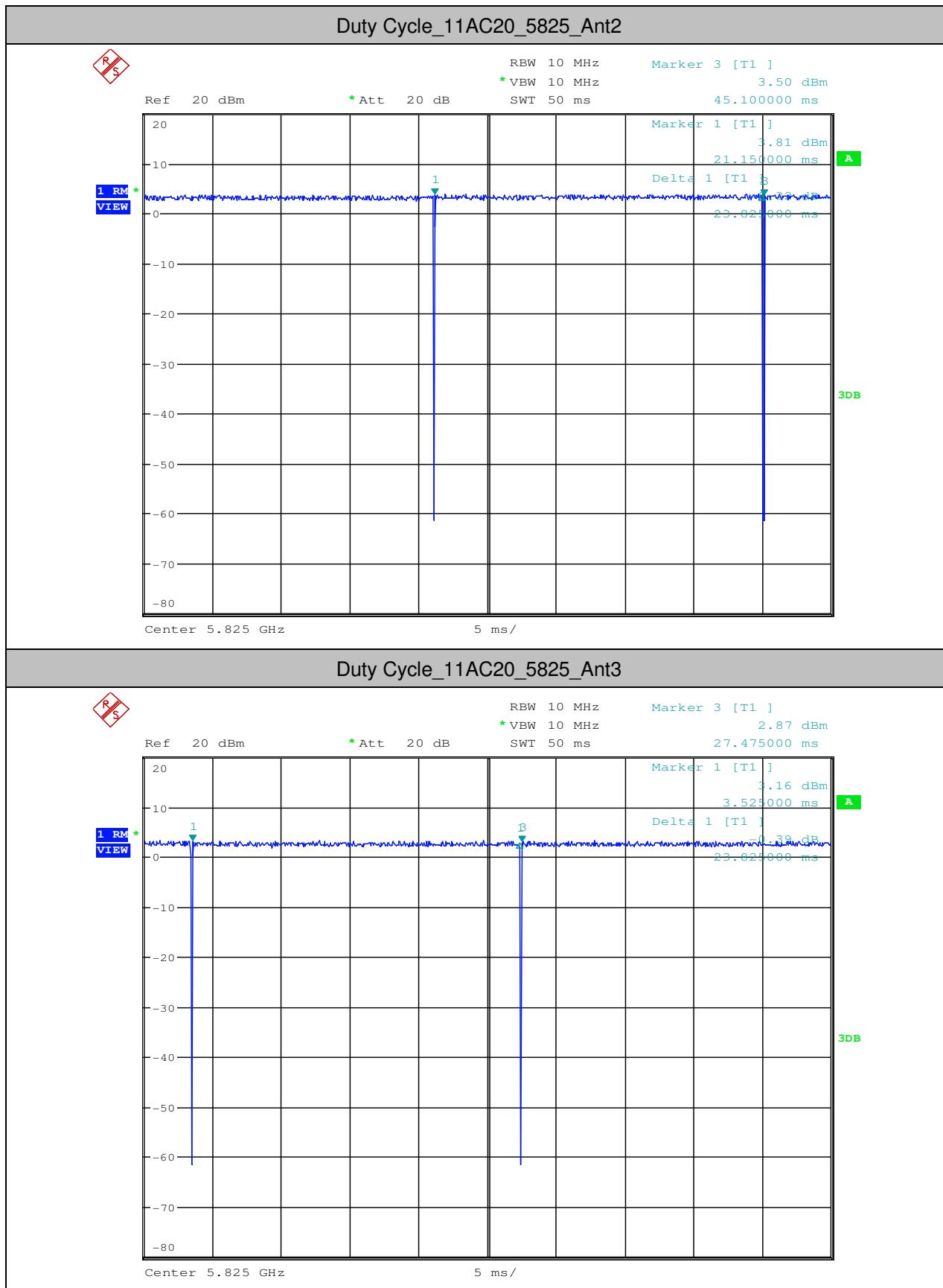


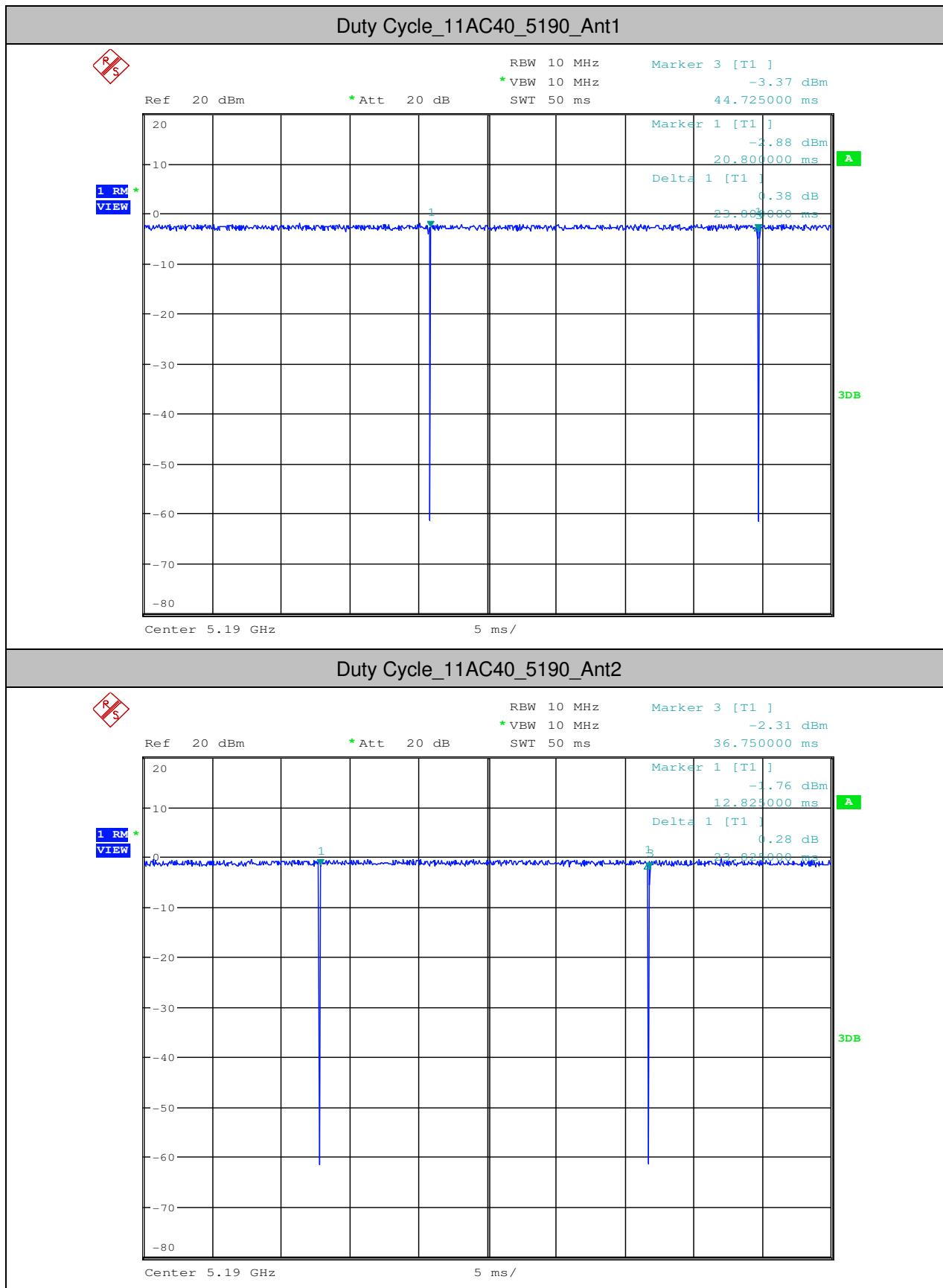


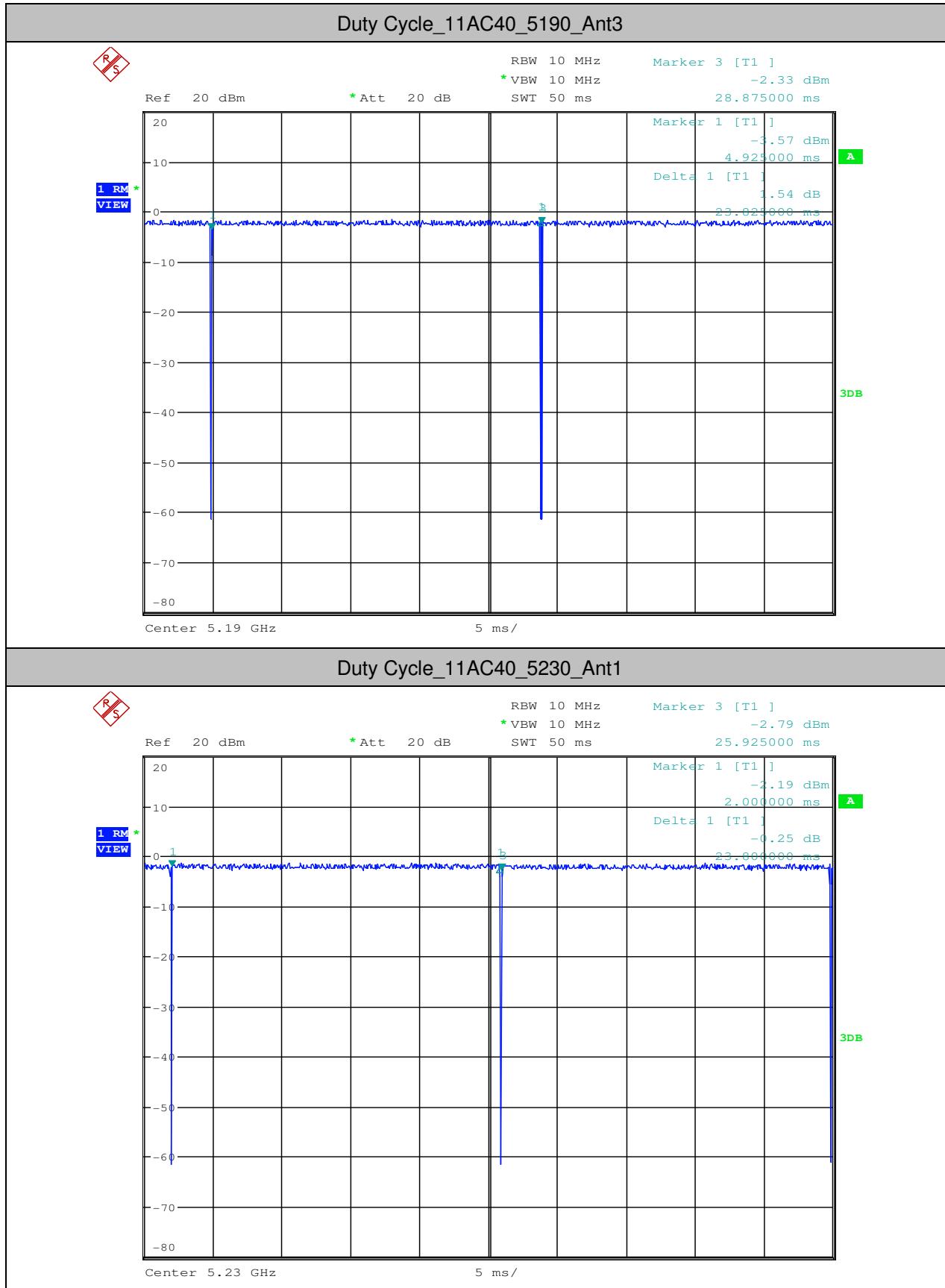


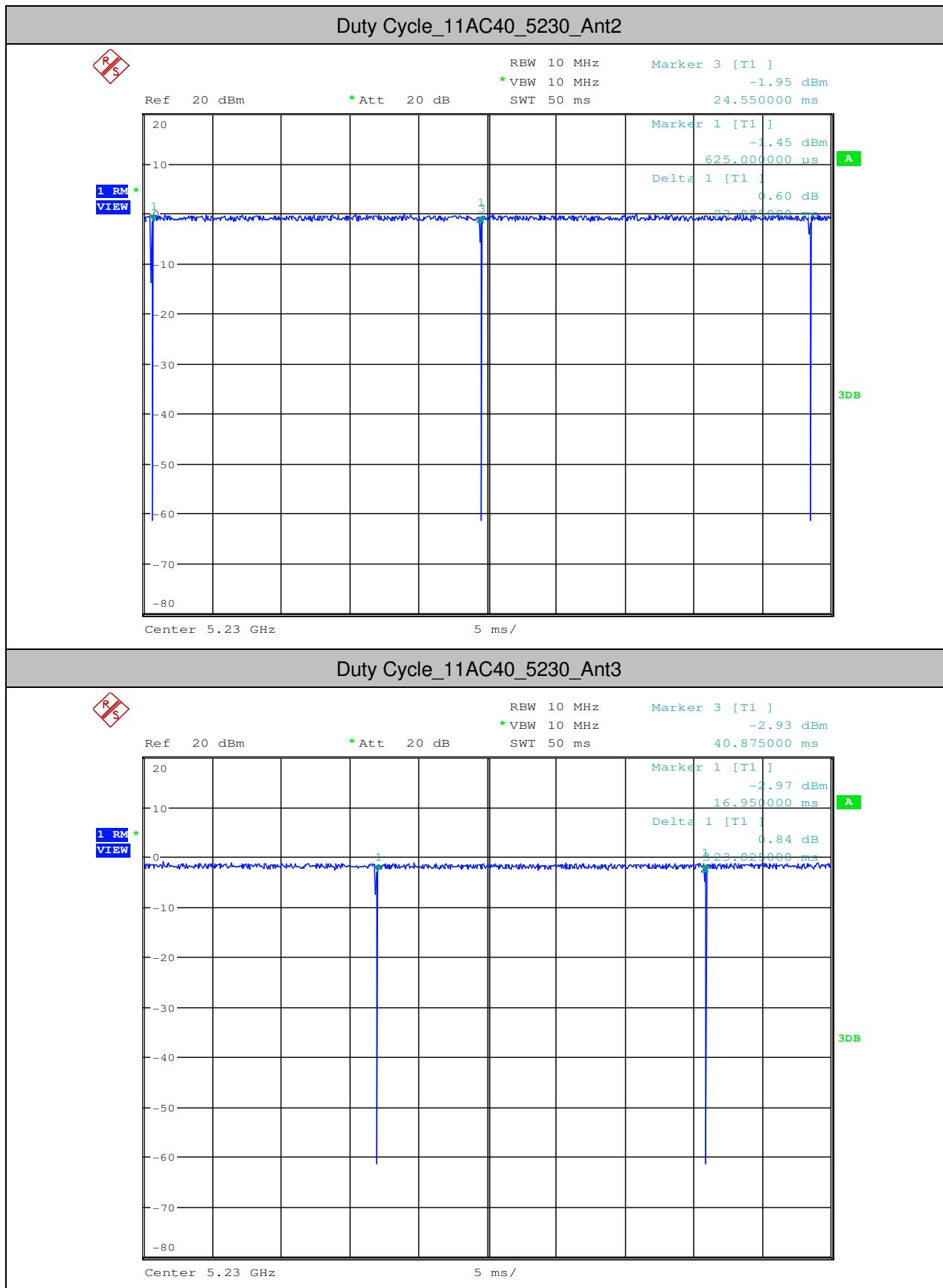


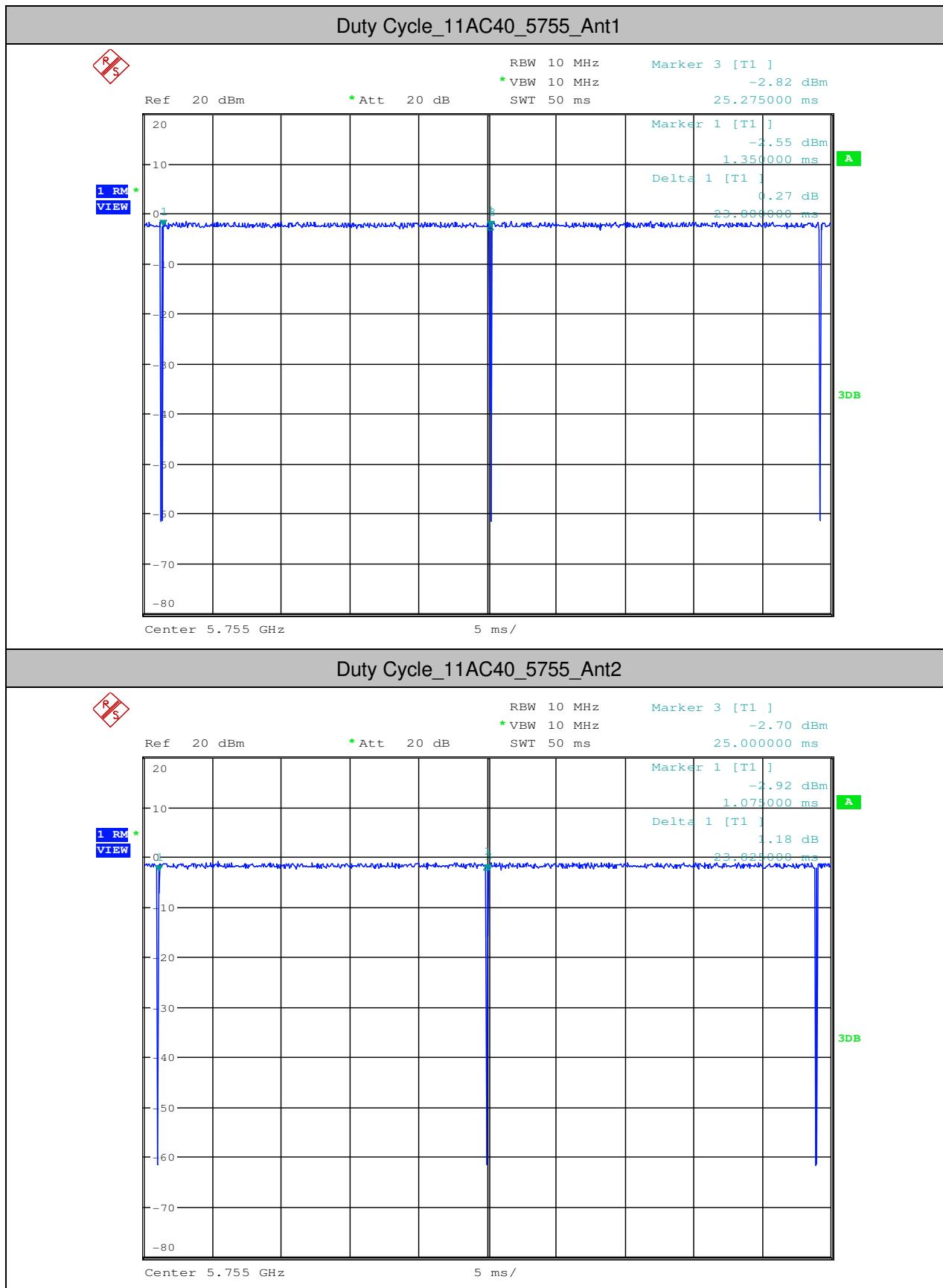






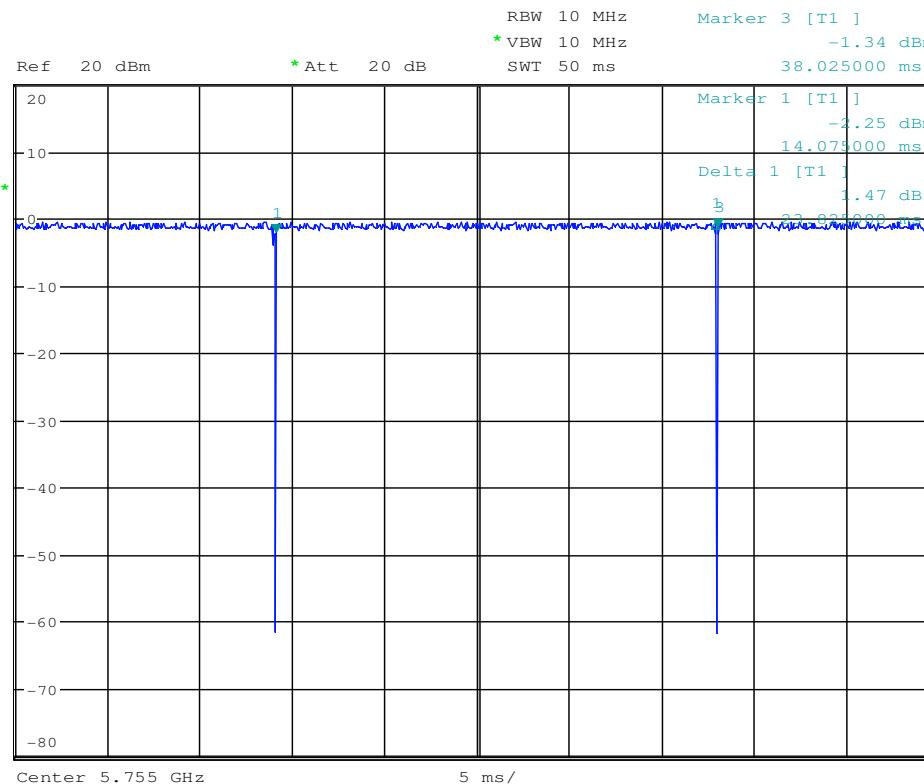






Duty Cycle_11AC40_5755_Ant3

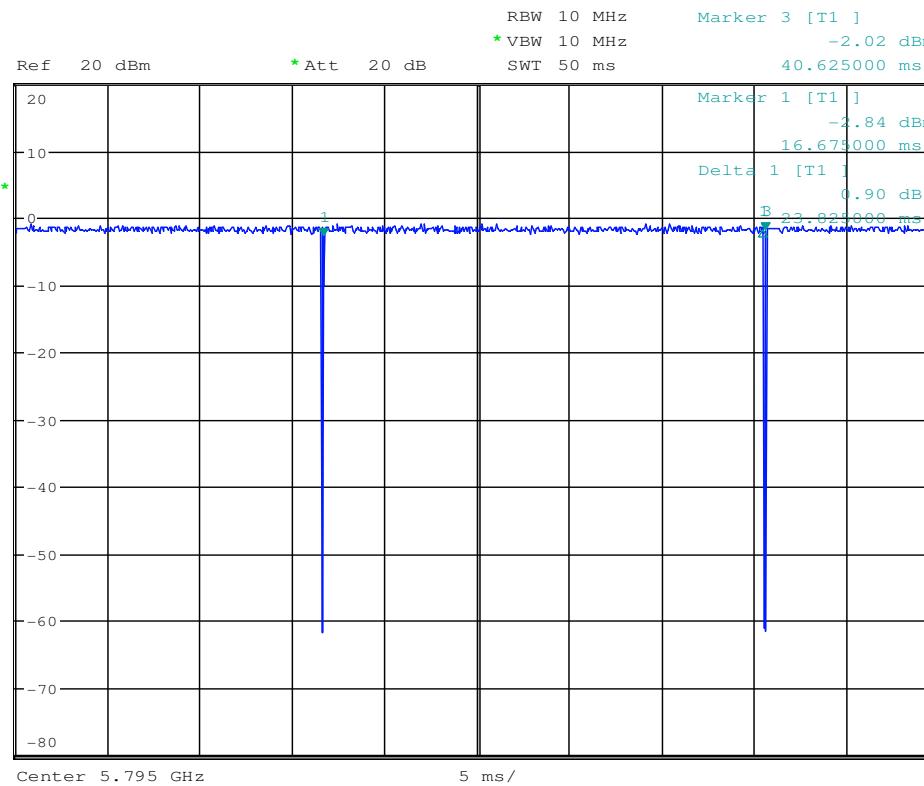
RS



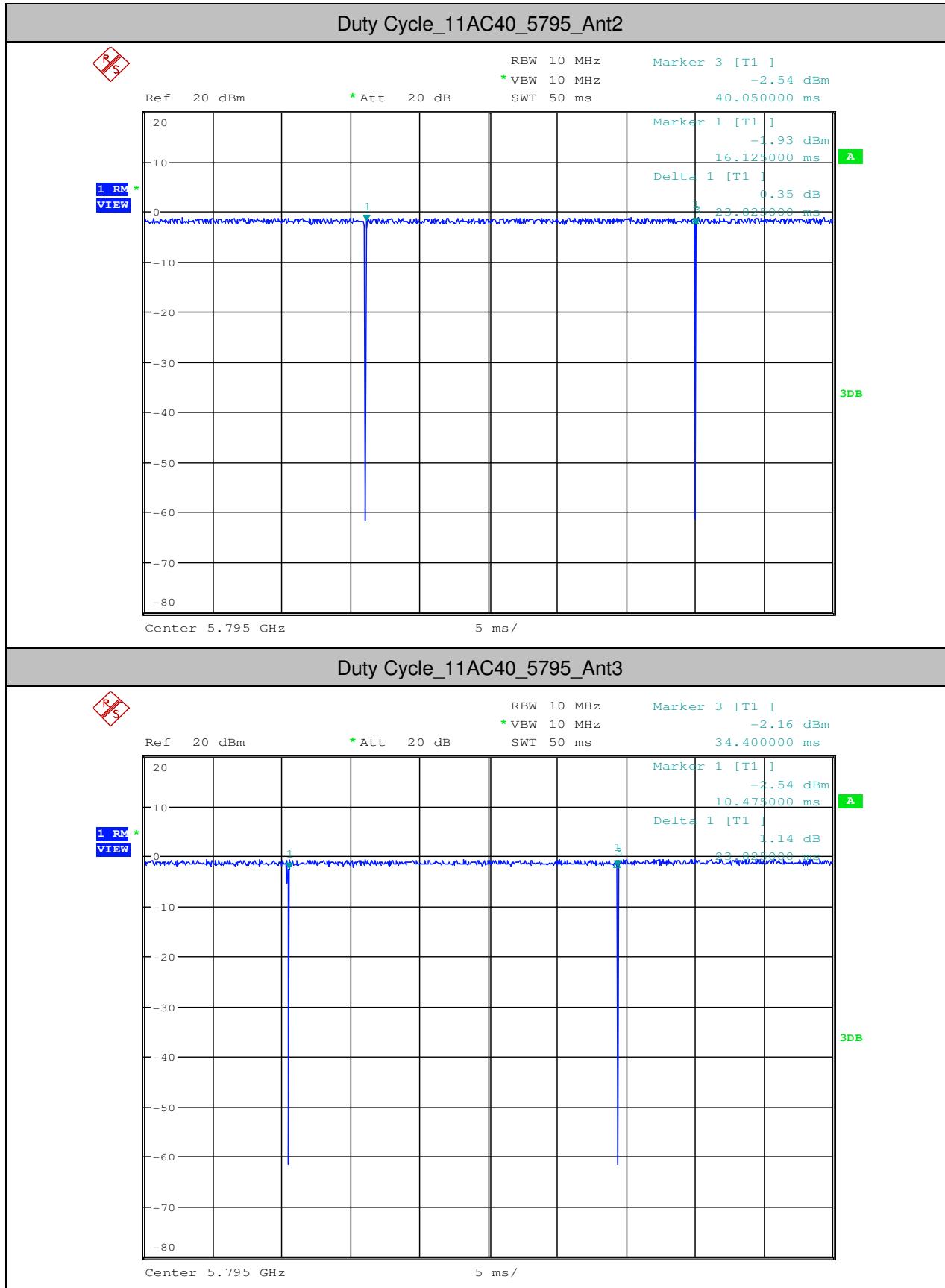
A

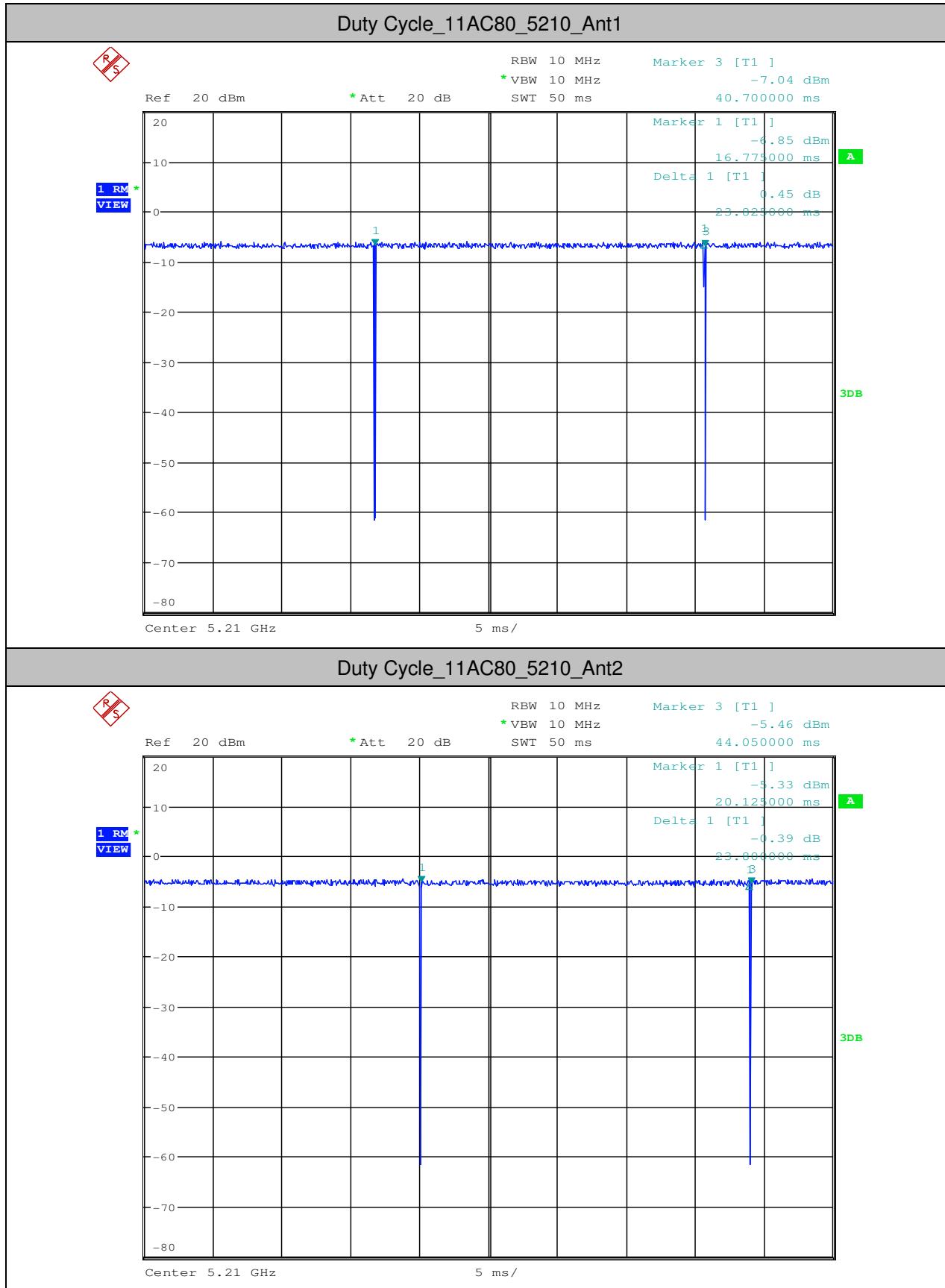
Duty Cycle_11AC40_5795_Ant1

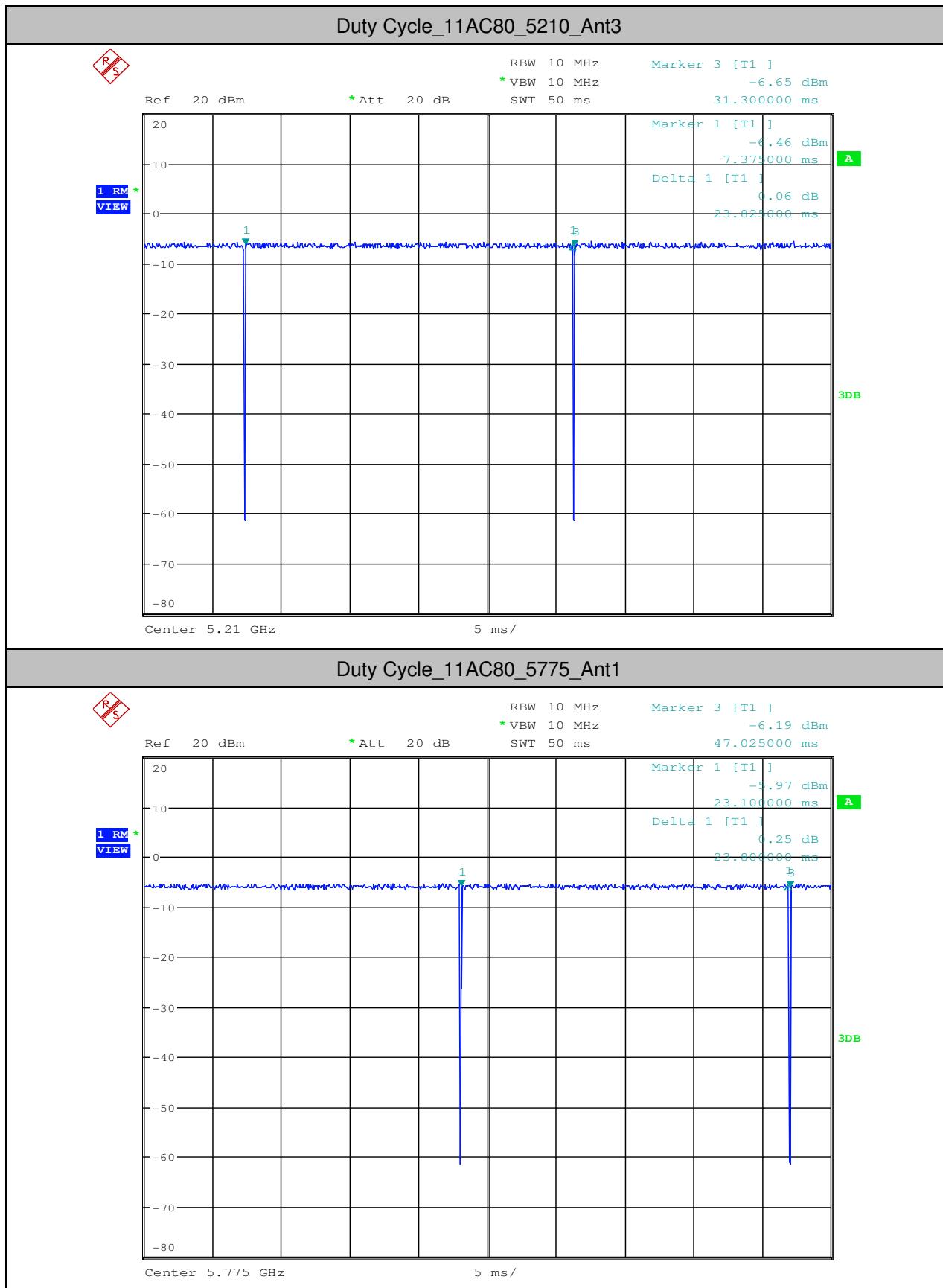
RS

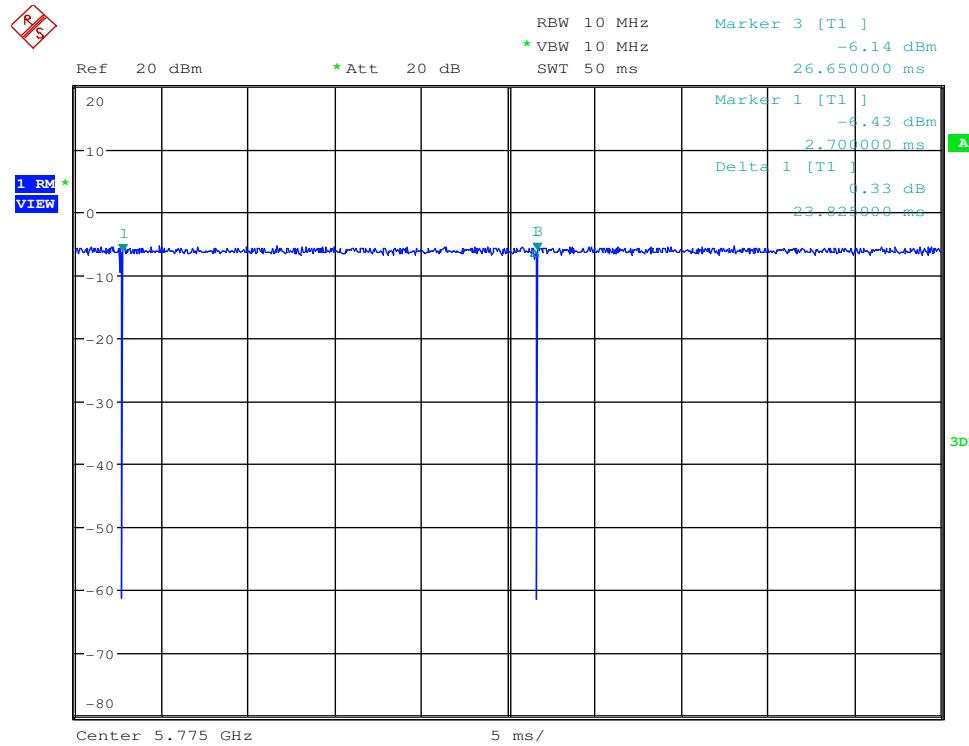
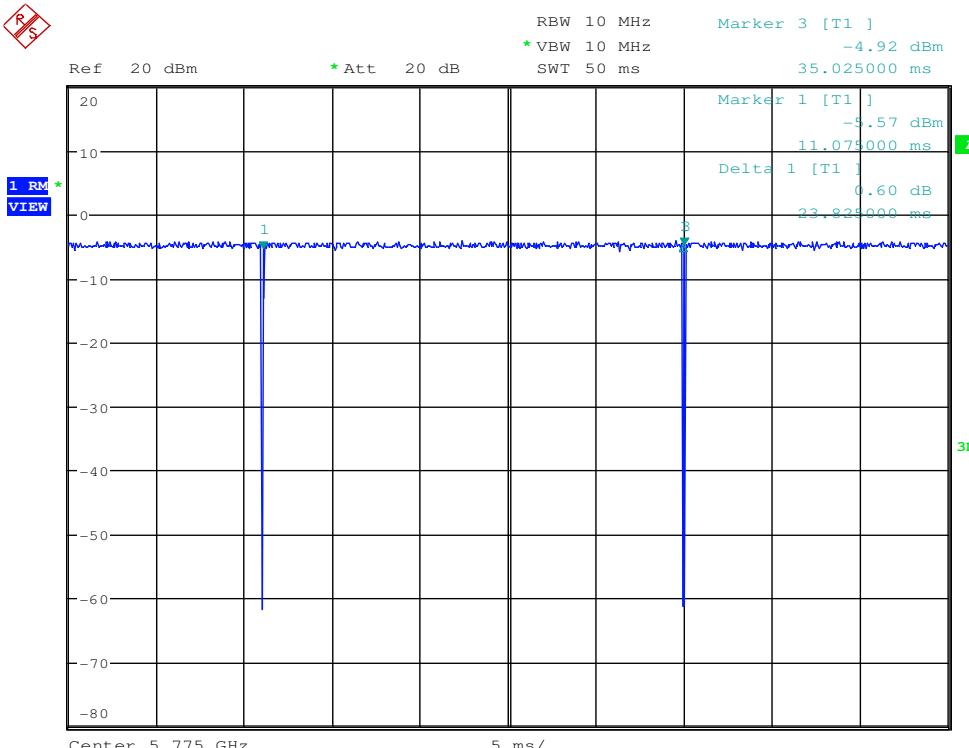


A







Duty Cycle_11AC80_5775_Ant2**Duty Cycle_11AC80_5775_Ant3**

- End of the Report -