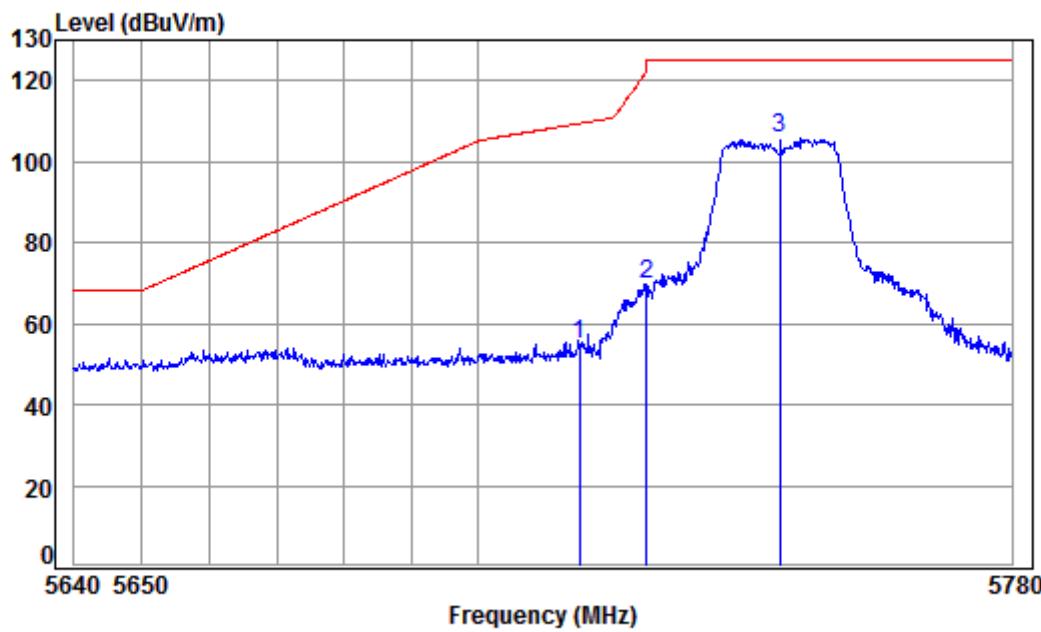


Mode:j; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

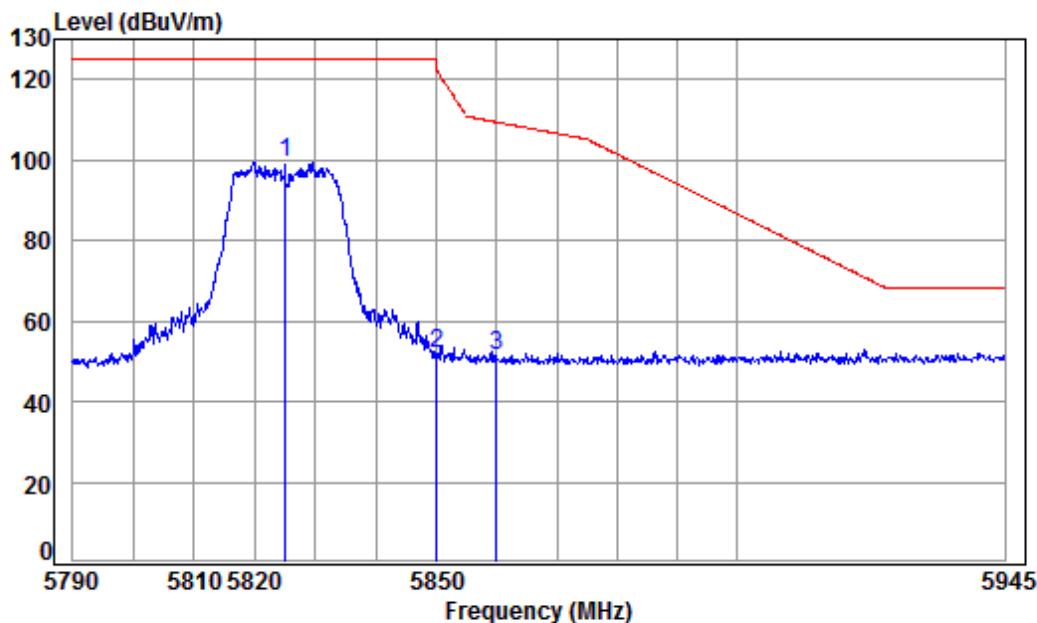
Job No : 02324CR

Mode : 5745 Band edge

Note : 5G WiFi 11AC 20

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	9.61	34.82	41.85	52.27	54.85	109.40	-54.55	peak
2	5725.000	9.64	34.83	41.84	67.27	69.90	122.20	-52.30	peak
3 pp	5745.000	9.71	34.85	41.82	103.06	105.80	125.20	-19.40	peak

Mode:j; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

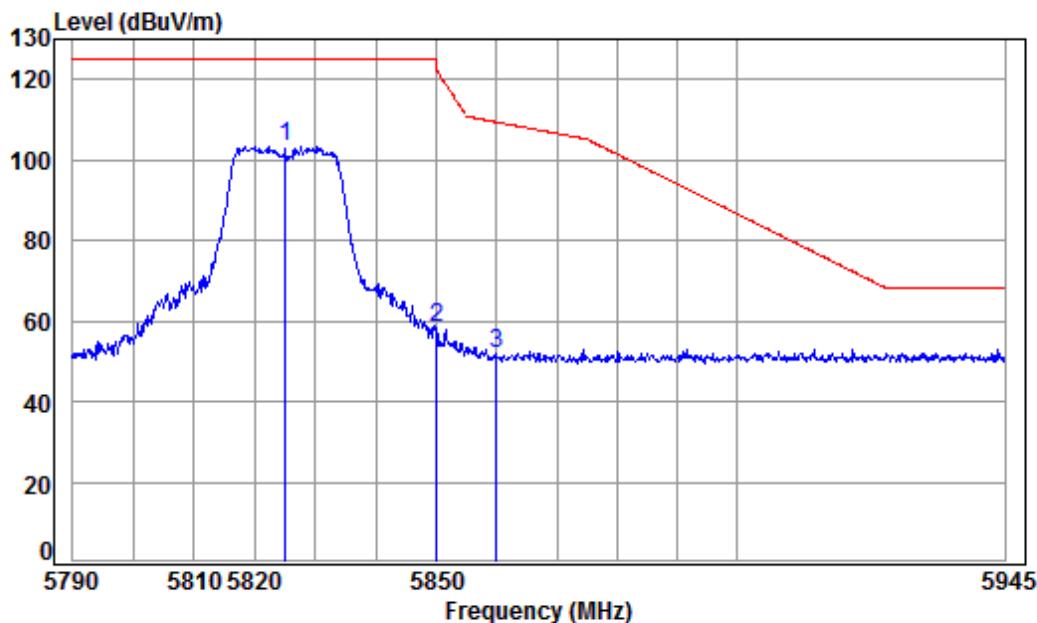
Job No : 02324CR

Mode : 5825 Band edge

Note : 5G WiFi 11AC 20

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Line Limit	Over Line Remark
		MHz	dB	dB/m		dB	dBuV	dBuV/m	dBuV/m	dB
1	pp	5825.000	9.98	34.93	41.75	96.06	99.22	125.20	-25.98	peak
2		5850.000	10.07	34.95	41.73	48.51	51.80	122.20	-70.40	peak
3		5860.000	10.10	34.96	41.72	48.16	51.50	109.40	-57.90	peak

Mode:j; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

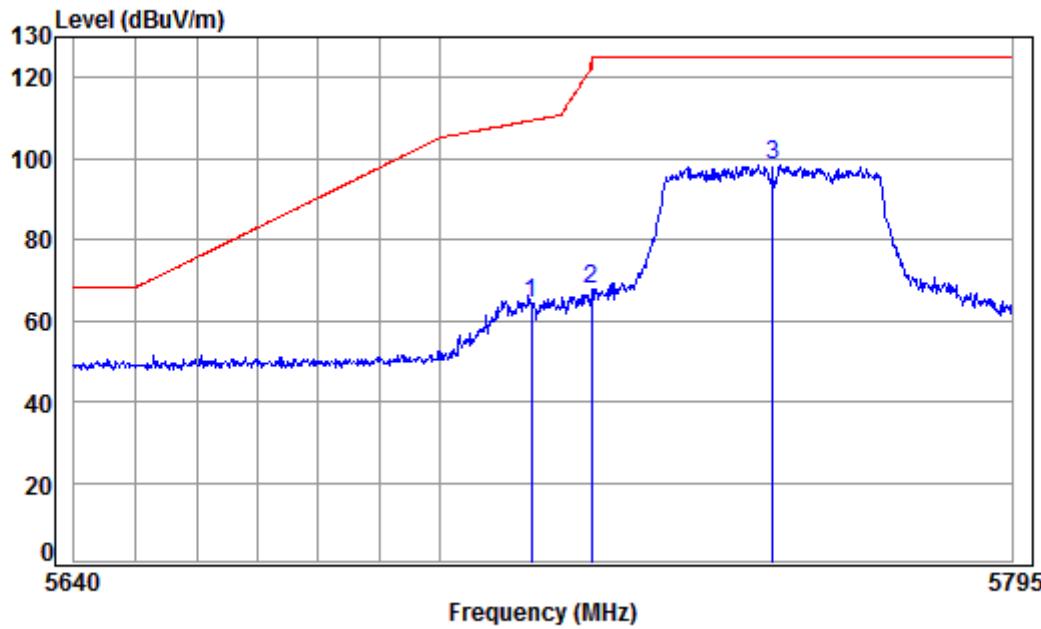
Job No : 02324CR

Mode : 5825 Band edge

Note : 5G WiFi 11AC 20

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m		dB	dBuV	dBuV/m	dBuV/m	dB
1	pp	5825.000	9.98	34.93	41.75	100.28	103.44	125.20	-21.76	peak
2		5850.000	10.07	34.95	41.73	55.14	58.43	122.20	-63.77	peak
3		5860.000	10.10	34.96	41.72	48.64	51.98	109.40	-57.42	peak

Mode:j; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

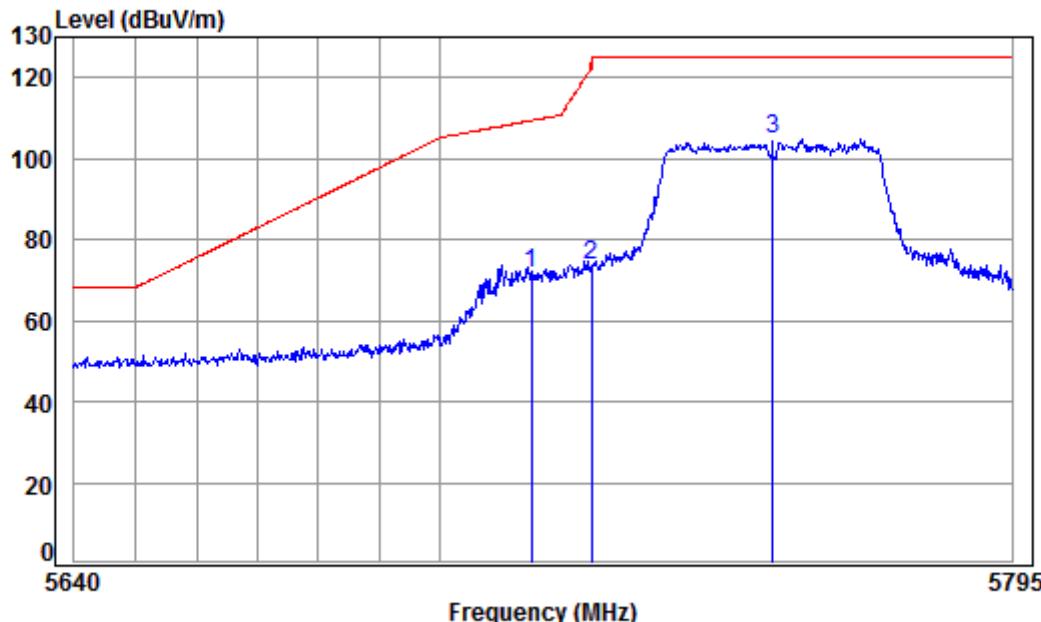
Job No : 02324CR

Mode : 5755 Band edge

Note : 5G WiFi 11AC 40

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	9.61	34.82	41.85	61.67	64.25	109.40	-45.15 peak
2	5725.000	9.64	34.83	41.84	65.20	67.83	122.20	-54.37 peak
3 pp	5755.000	9.75	34.86	41.81	95.48	98.28	125.20	-26.92 peak

Mode:j; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

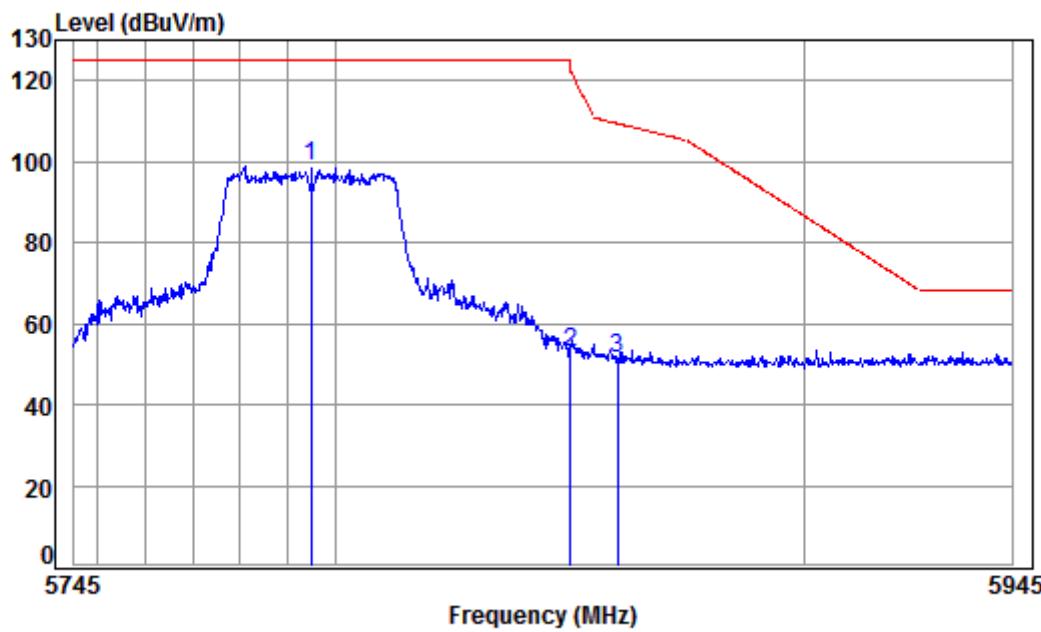
Job No : 02324CR

Mode : 5755 Band edge

Note : 5G WiFi 11AC 40

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	9.61	34.82	41.85	69.01	71.59	109.40	-37.81	peak
2	5725.000	9.64	34.83	41.84	71.04	73.67	122.20	-48.53	peak
3 pp	5755.000	9.75	34.86	41.81	102.10	104.90	125.20	-20.30	peak

Mode:j; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

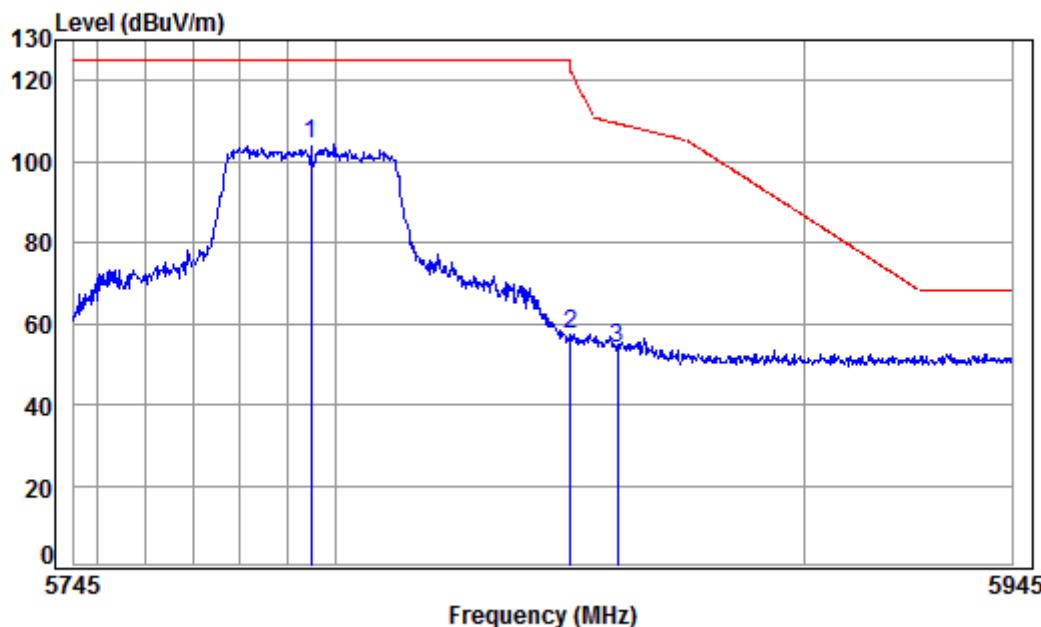
Job No : 02324CR

Mode : 5795 Band edge

Note : 5G WiFi 11AC 40

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp	5795.000	9.88	34.90	41.78	95.77	98.77	125.20	-26.43 peak
2		5850.000	10.07	34.95	41.73	49.81	53.10	122.20	-69.10 peak
3		5860.000	10.10	34.96	41.72	47.94	51.28	109.40	-58.12 peak

Mode:j; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

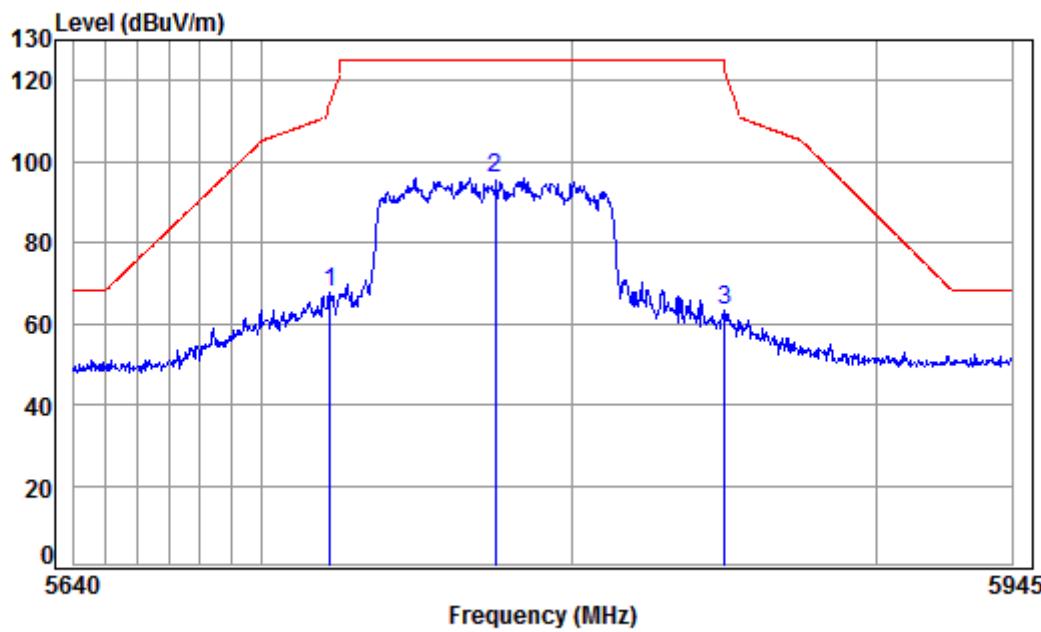
Job No : 02324CR

Mode : 5795 Band edge

Note : 5G WiFi 11AC 40

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp	5795.000	9.88	34.90	41.78	101.44	104.44	125.20	-20.76 peak
2		5850.000	10.07	34.95	41.73	53.85	57.14	122.20	-65.06 peak
3		5860.000	10.10	34.96	41.72	50.73	54.07	109.40	-55.33 peak

Mode:j; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

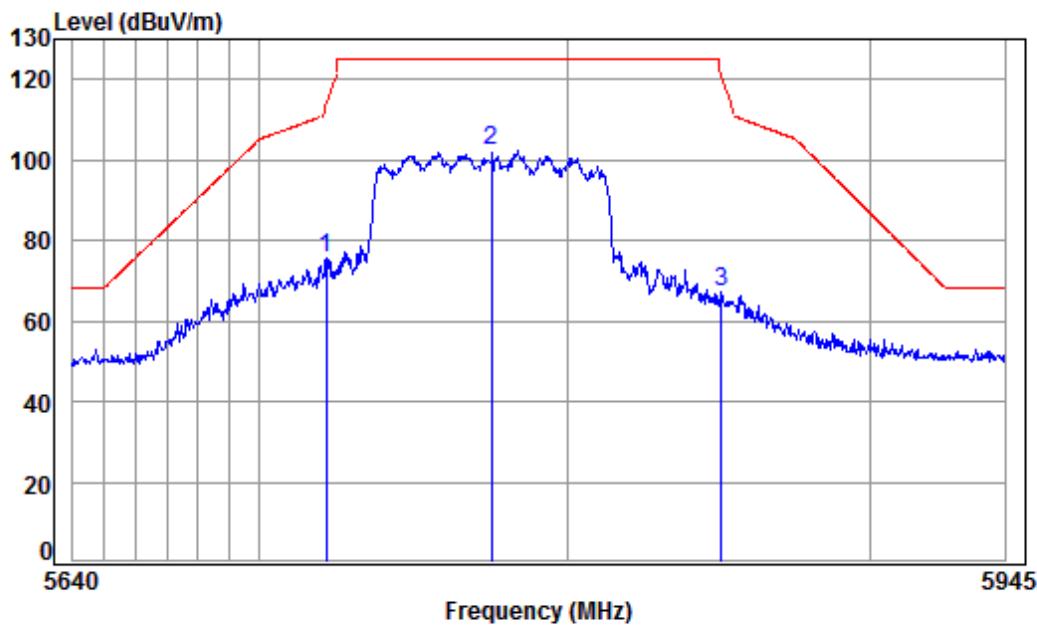
Job No : 02324CR

Mode : 5775 Band edge

Note : 5G WiFi 11AC 80

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5721.677	9.63	34.83	41.84	64.99	67.61	114.62	-47.01 peak
2	pp 5775.000	9.81	34.88	41.79	92.93	95.83	125.20	-29.37 peak
3	5849.958	10.07	34.95	41.73	59.88	63.17	125.20	-62.03 peak

Mode:j; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02324CR

Mode : 5775 Band edge

Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dBuV/m	dB
1	5721.376	9.63	34.83	41.84	73.25	75.87	113.94	-38.07	peak
2	pp 5775.000	9.81	34.88	41.79	99.35	102.25	125.20	-22.95	peak
3	5850.575	10.07	34.96	41.73	63.90	67.20	120.89	-53.69	peak

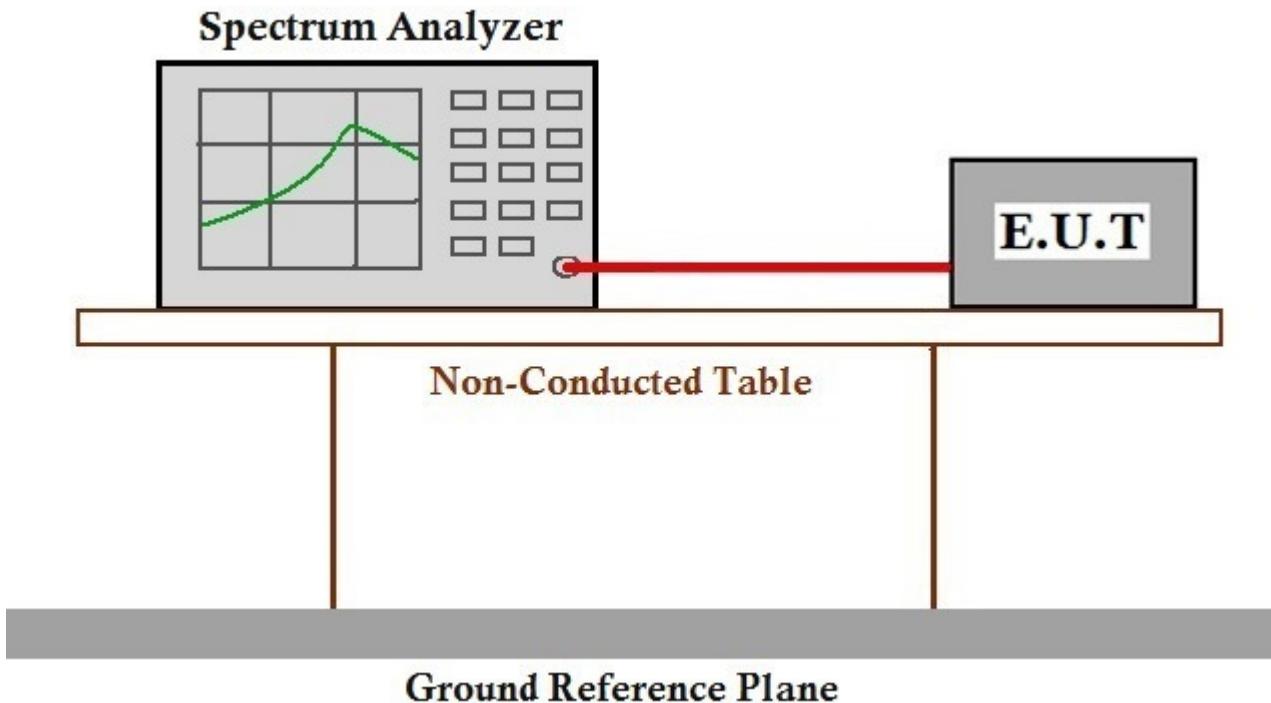
### **7.13 Frequency Stability**

Test Requirement	47 CFR Part 15, Subpart C 15.407 (g)
Test Method:	ANSI C63.10 (2013) Section 6.8
Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

### 7.13.1 E.U.T. Operation

#### Operating Environment:

Temperature:	24.3 °C	Humidity: 47 % RH	Atmospheric Pressure: 1015 mbar
Pretest these modes to find the worst case:	g:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.		
	h:TX mode (Band 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.		
	i:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.		
The worst case for final test:	g:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.		
	i:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.		

**7.13.2 Test Setup Diagram****7.13.3 Measurement Procedure and Data**

The applicant declares that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual and meets Section 15.407(g) requirements.

## 8 Photographs

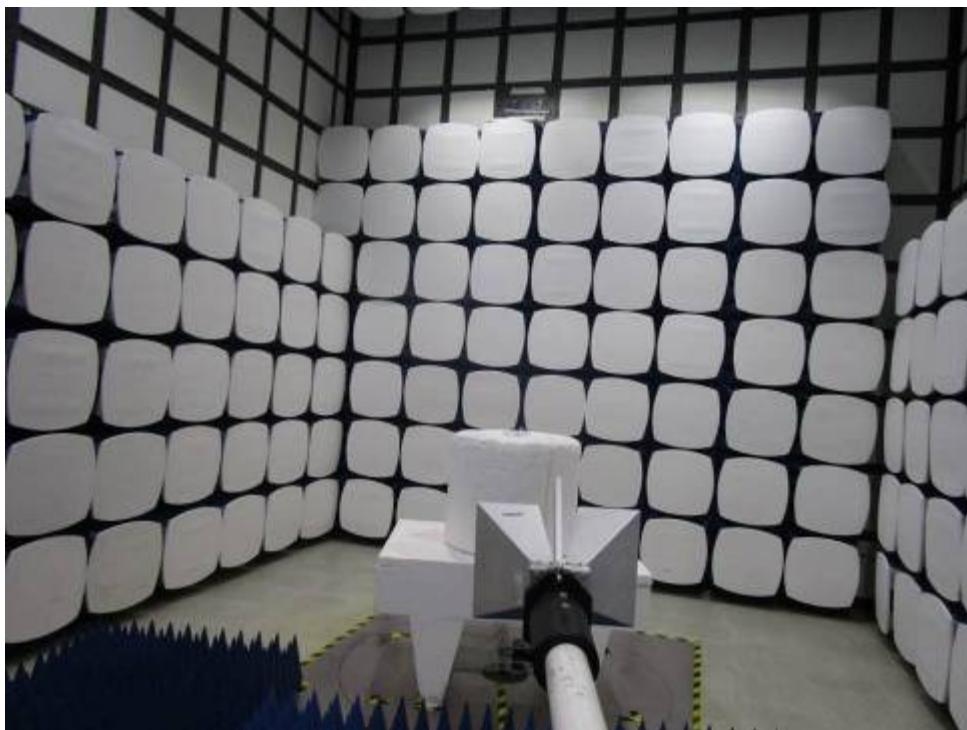
### 8.1 Conducted Emissions at AC Power Line (150kHz-30MHz) Test Setup



### 8.2 Radiated Emissions Test Setup



### **8.3 Radiated Emissions which fall in the restricted bands Test Setup**



### **8.4 EUT Constructional Details (EUT Photos)**

Refer to EUT external and internal photos.

## 9 Appendix

### 9.1 Appendix 15.407

#### 1. Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	21.360	---	PASS
11A	5180	Ant2	24.240	---	PASS
11A	5220	Ant1	21.120	---	PASS
11A	5220	Ant2	25.770	---	PASS
11A	5240	Ant1	21.060	---	PASS
11A	5240	Ant2	24.210	---	PASS
11A	5260	Ant1	21.270	---	PASS
11A	5260	Ant2	23.850	---	PASS
11A	5300	Ant1	21.300	---	PASS
11A	5300	Ant2	23.490	---	PASS
11A	5320	Ant1	23.280	---	PASS
11A	5320	Ant2	23.430	---	PASS
11A	5500	Ant1	23.820	---	PASS
11A	5500	Ant2	21.150	---	PASS
11A	5600	Ant1	27.300	---	PASS
11A	5600	Ant2	21.270	---	PASS
11A	5700	Ant1	27.990	---	PASS
11A	5700	Ant2	29.550	---	PASS
11A	5745	Ant1	16.620	>=0.5	PASS
11A	5745	Ant2	16.620	>=0.5	PASS
11A	5785	Ant1	16.620	>=0.5	PASS
11A	5785	Ant2	16.590	>=0.5	PASS
11A	5825	Ant1	16.530	>=0.5	PASS
11A	5825	Ant2	16.590	>=0.5	PASS
11N20	5180	Ant1	22.050	---	PASS
11N20	5180	Ant2	24.810	---	PASS
11N20	5220	Ant1	22.200	---	PASS

11N20	5220	Ant2	23.490	---	PASS
11N20	5240	Ant1	22.080	---	PASS
11N20	5240	Ant2	23.520	---	PASS
11N20	5260	Ant1	22.020	---	PASS
11N20	5260	Ant2	23.400	---	PASS
11N20	5300	Ant1	22.020	---	PASS
11N20	5300	Ant2	22.920	---	PASS
11N20	5320	Ant1	22.080	---	PASS
11N20	5320	Ant2	22.530	---	PASS
11N20	5500	Ant1	22.140	---	PASS
11N20	5500	Ant2	22.290	---	PASS
11N20	5600	Ant1	22.320	---	PASS
11N20	5600	Ant2	22.380	---	PASS
11N20	5700	Ant1	23.880	---	PASS
11N20	5700	Ant2	24.060	---	PASS
11N20	5745	Ant1	17.760	>=0.5	PASS
11N20	5745	Ant2	17.790	>=0.5	PASS
11N20	5785	Ant1	17.850	>=0.5	PASS
11N20	5785	Ant2	17.760	>=0.5	PASS
11N20	5825	Ant1	17.670	>=0.5	PASS
11N20	5825	Ant2	17.760	>=0.5	PASS
11N40	5190	Ant1	44.100	---	PASS
11N40	5190	Ant2	51.360	---	PASS
11N40	5230	Ant1	44.160	---	PASS
11N40	5230	Ant2	51.240	---	PASS
11N40	5270	Ant1	44.100	---	PASS
11N40	5270	Ant2	43.920	---	PASS
11N40	5310	Ant1	44.220	---	PASS
11N40	5310	Ant2	44.040	---	PASS
11N40	5510	Ant1	44.280	---	PASS
11N40	5510	Ant2	43.980	---	PASS
11N40	5590	Ant1	44.220	---	PASS
11N40	5590	Ant2	43.920	---	PASS
11N40	5670	Ant1	43.860	---	PASS

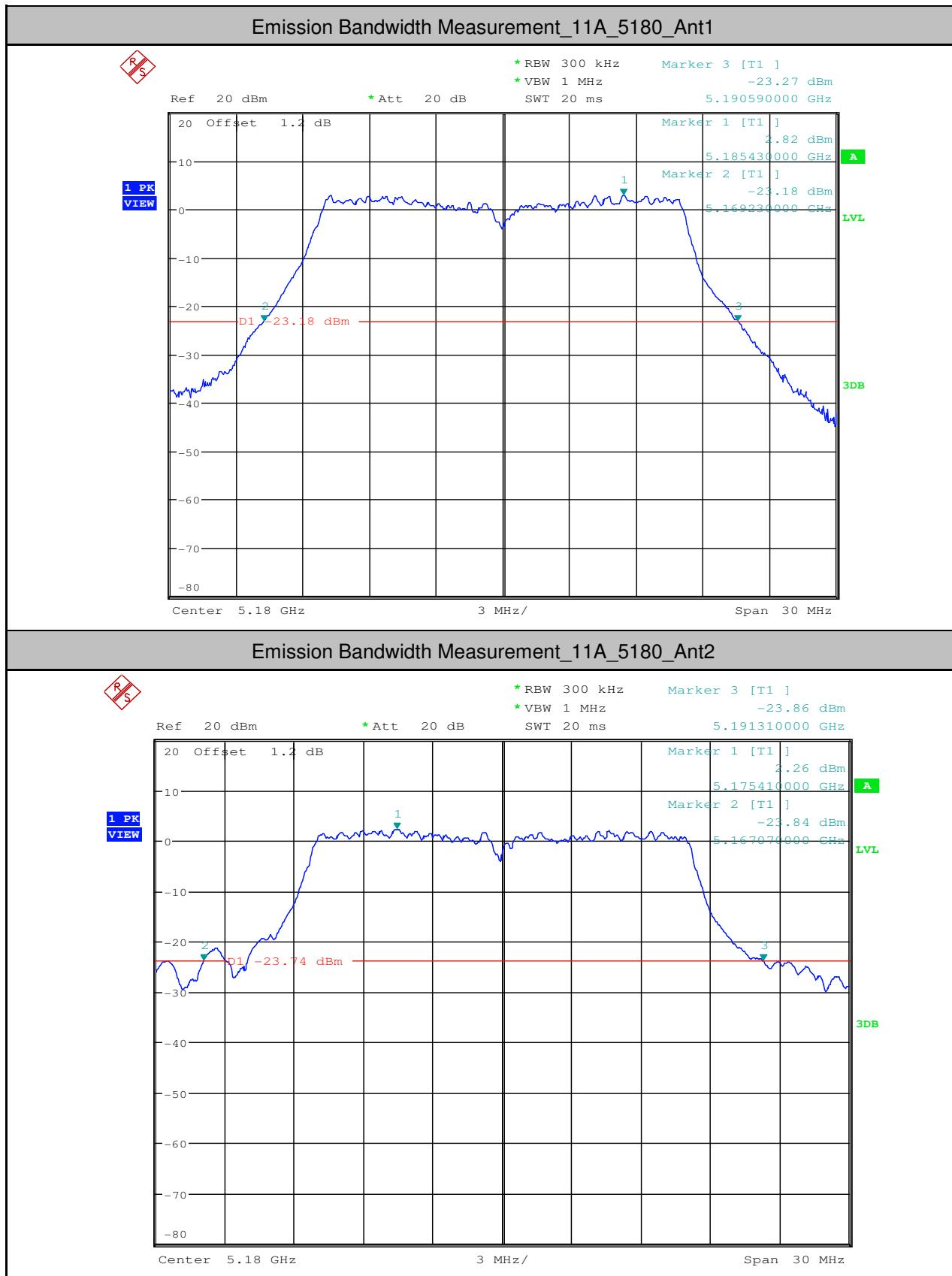


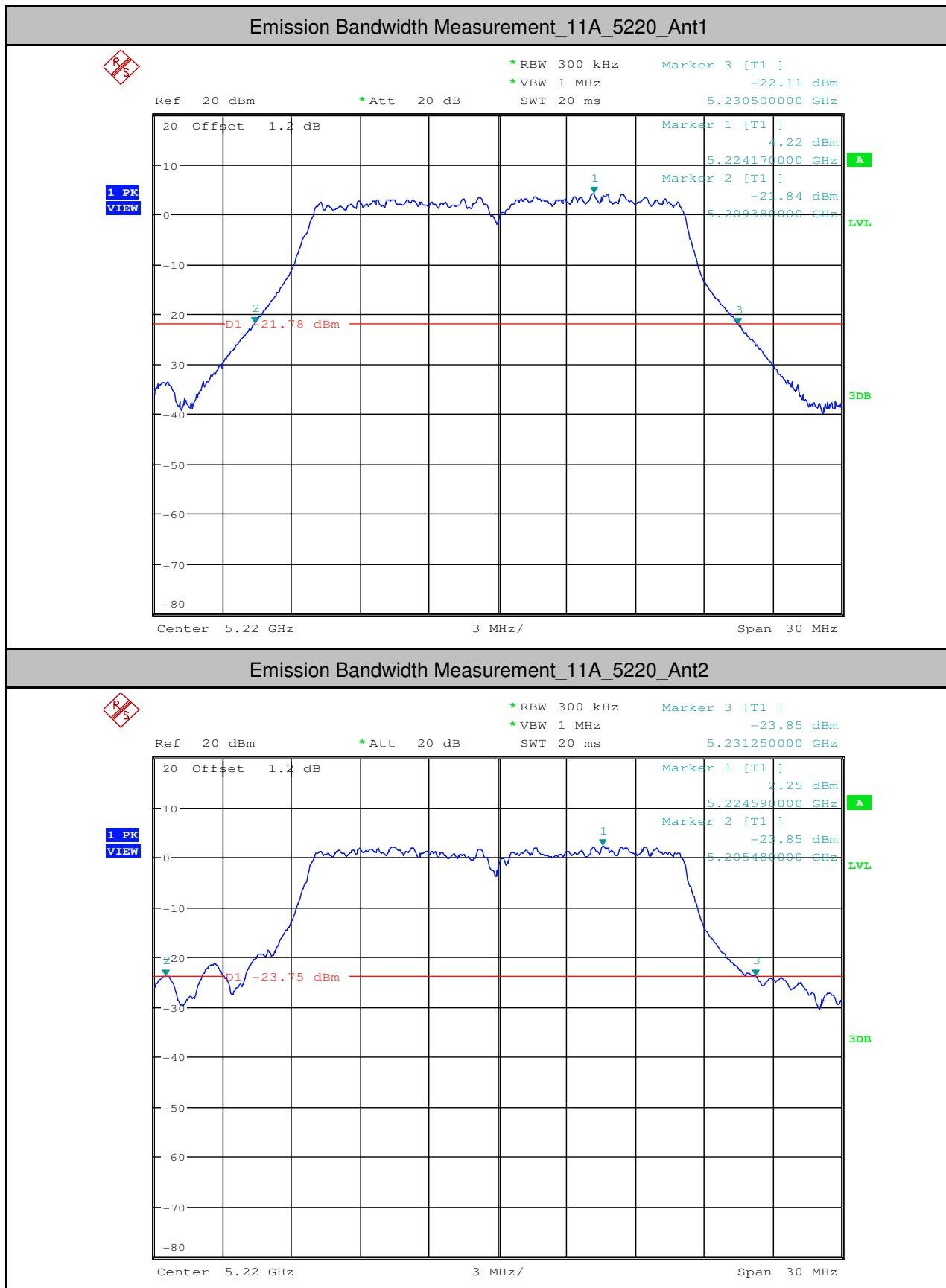
**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

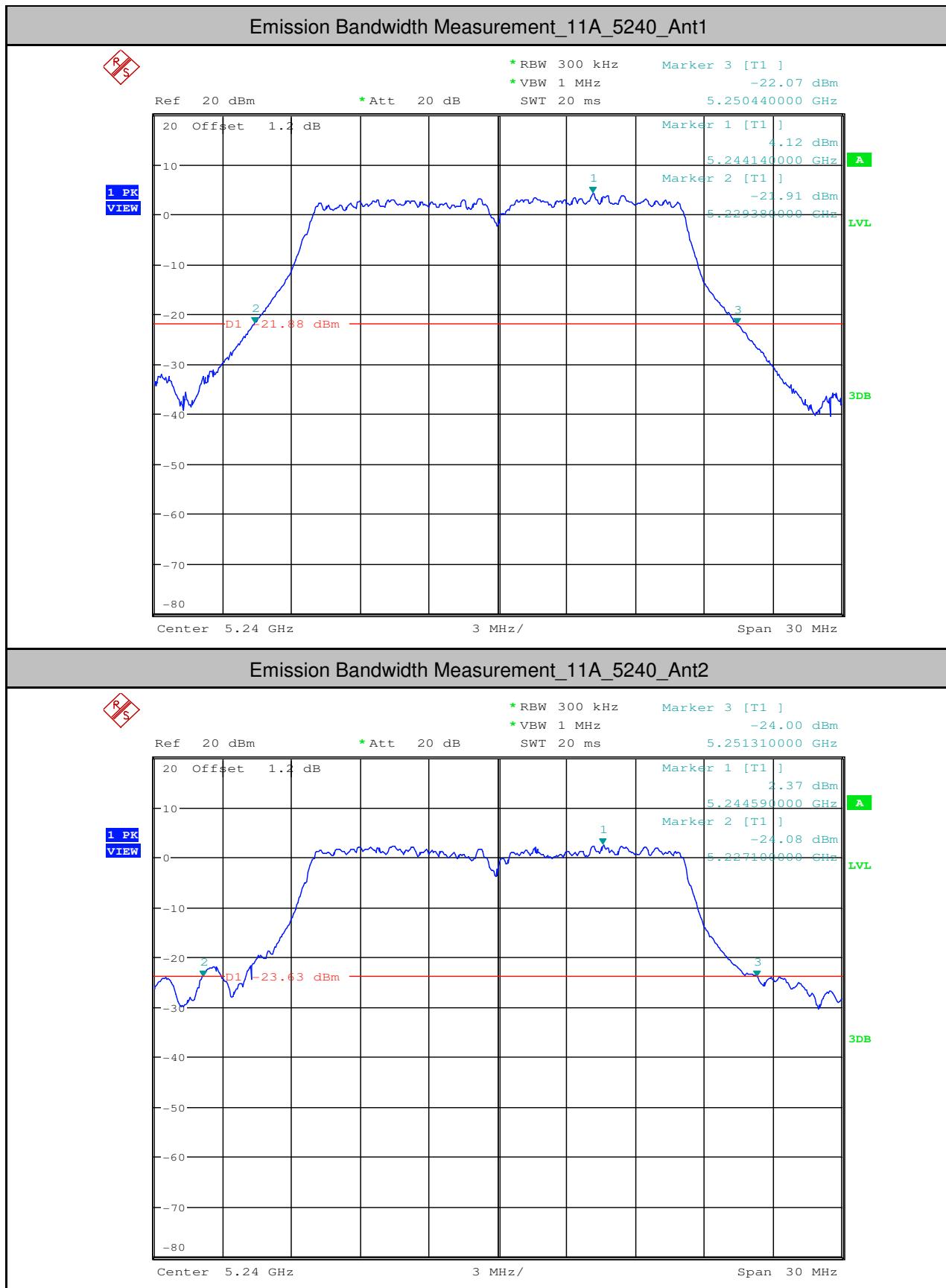
Report No.: SZEM180300232405  
Page: 317 of 636

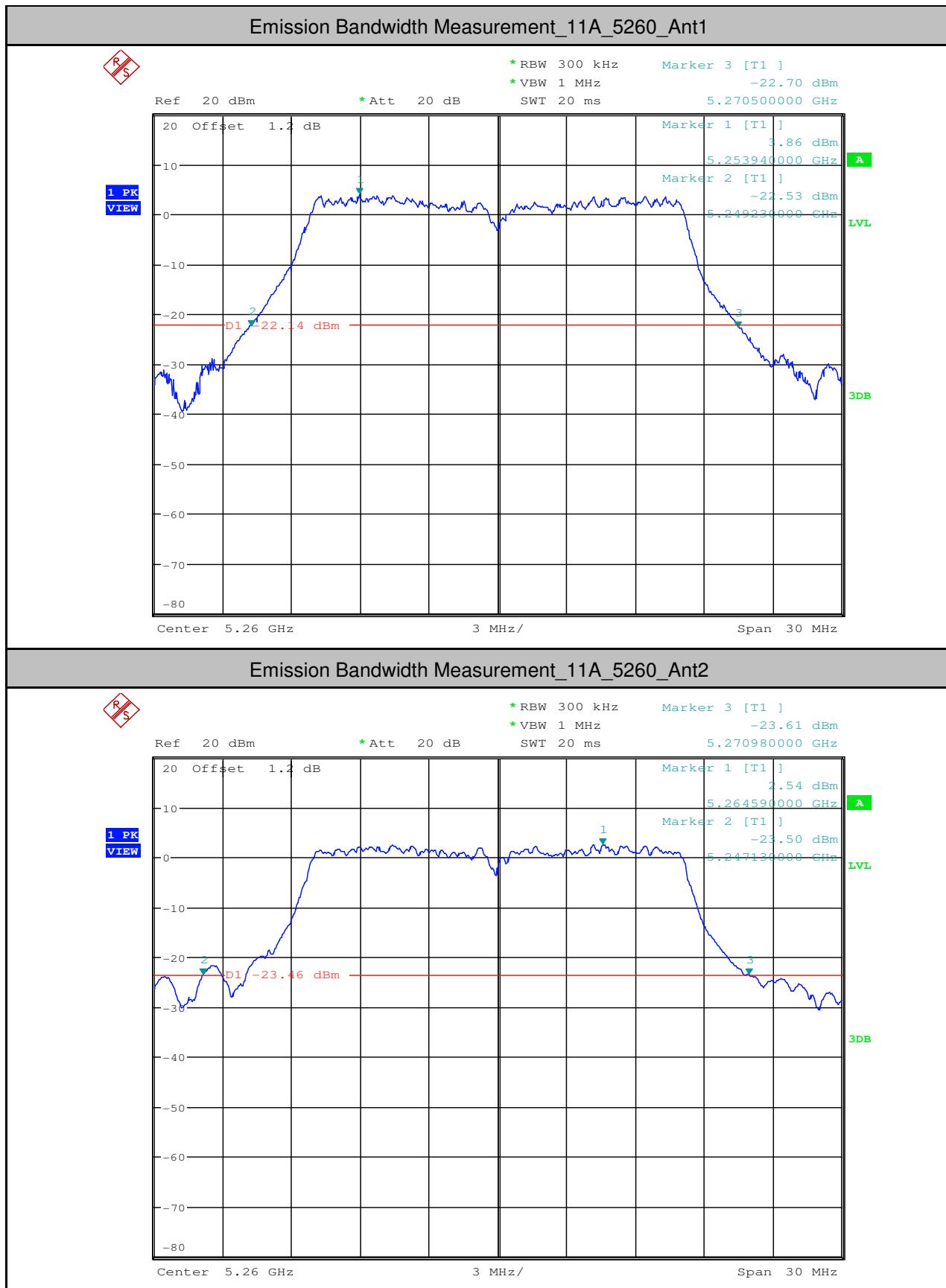
11N40	5670	Ant2	52.260	---	PASS
11N40	5755	Ant1	36.660	$\geq 0.5$	PASS
11N40	5755	Ant2	36.600	$\geq 0.5$	PASS
11N40	5795	Ant1	36.540	$\geq 0.5$	PASS
11N40	5795	Ant2	36.540	$\geq 0.5$	PASS
11AC20	5180	Ant1	21.810	---	PASS
11AC20	5180	Ant2	21.720	---	PASS
11AC20	5220	Ant1	21.780	---	PASS
11AC20	5220	Ant2	21.630	---	PASS
11AC20	5240	Ant1	21.780	---	PASS
11AC20	5240	Ant2	21.540	---	PASS
11AC20	5260	Ant1	21.870	---	PASS
11AC20	5260	Ant2	21.900	---	PASS
11AC20	5300	Ant1	21.840	---	PASS
11AC20	5300	Ant2	21.750	---	PASS
11AC20	5320	Ant1	21.870	---	PASS
11AC20	5320	Ant2	21.720	---	PASS
11AC20	5500	Ant1	21.840	---	PASS
11AC20	5500	Ant2	21.600	---	PASS
11AC20	5600	Ant1	24.420	---	PASS
11AC20	5600	Ant2	21.600	---	PASS
11AC20	5700	Ant1	23.190	---	PASS
11AC20	5700	Ant2	22.530	---	PASS
11AC20	5745	Ant1	17.730	$\geq 0.5$	PASS
11AC20	5745	Ant2	17.670	$\geq 0.5$	PASS
11AC20	5785	Ant1	17.730	$\geq 0.5$	PASS
11AC20	5785	Ant2	17.700	$\geq 0.5$	PASS
11AC20	5825	Ant1	17.730	$\geq 0.5$	PASS
11AC20	5825	Ant2	17.670	$\geq 0.5$	PASS
11AC80	5210	Ant1	82.200	---	PASS
11AC80	5210	Ant2	92.280	---	PASS
11AC80	5290	Ant1	82.320	---	PASS
11AC80	5290	Ant2	86.280	---	PASS
11AC80	5530	Ant1	82.320	---	PASS

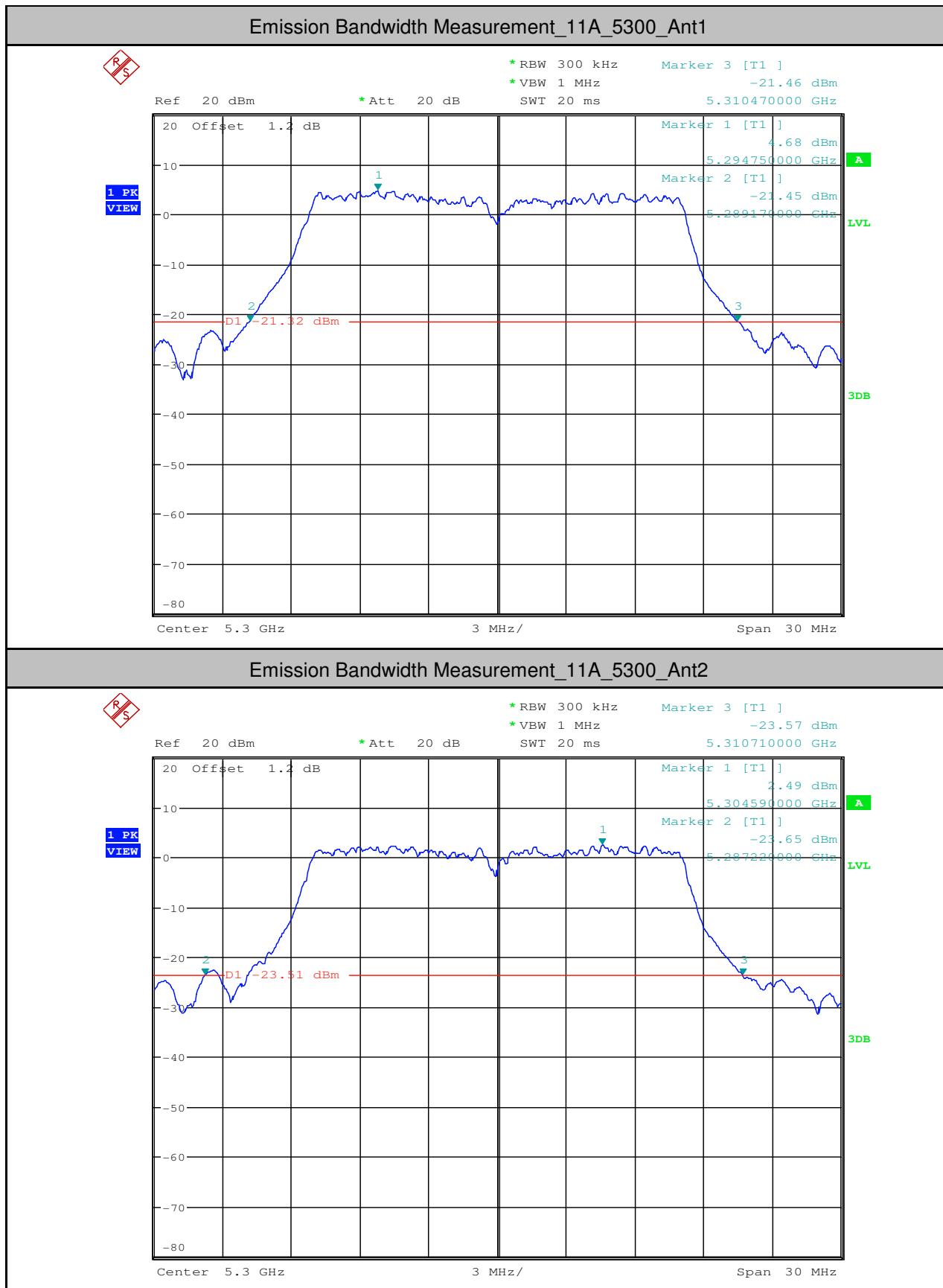
11AC80	5530	Ant2	81.480	---	PASS
11AC80	5610	Ant1	82.440	---	PASS
11AC80	5610	Ant2	82.320	---	PASS
11AC80	5775	Ant1	75.720	$>=0.5$	PASS
11AC80	5775	Ant2	75.120	$>=0.5$	PASS
11AC40	5190	Ant1	43.620	---	PASS
11AC40	5190	Ant2	43.080	---	PASS
11AC40	5230	Ant1	43.800	---	PASS
11AC40	5230	Ant2	42.960	---	PASS
11AC40	5270	Ant1	43.800	---	PASS
11AC40	5270	Ant2	42.900	---	PASS
11AC40	5310	Ant1	43.800	---	PASS
11AC40	5310	Ant2	42.900	---	PASS
11AC40	5510	Ant1	43.620	---	PASS
11AC40	5510	Ant2	42.900	---	PASS
11AC40	5590	Ant1	43.620	---	PASS
11AC40	5590	Ant2	42.900	---	PASS
11AC40	5670	Ant1	43.560	---	PASS
11AC40	5670	Ant2	43.080	---	PASS
11AC40	5755	Ant1	36.600	$>=0.5$	PASS
11AC40	5755	Ant2	36.480	$>=0.5$	PASS
11AC40	5795	Ant1	36.600	$>=0.5$	PASS
11AC40	5795	Ant2	36.480	$>=0.5$	PASS

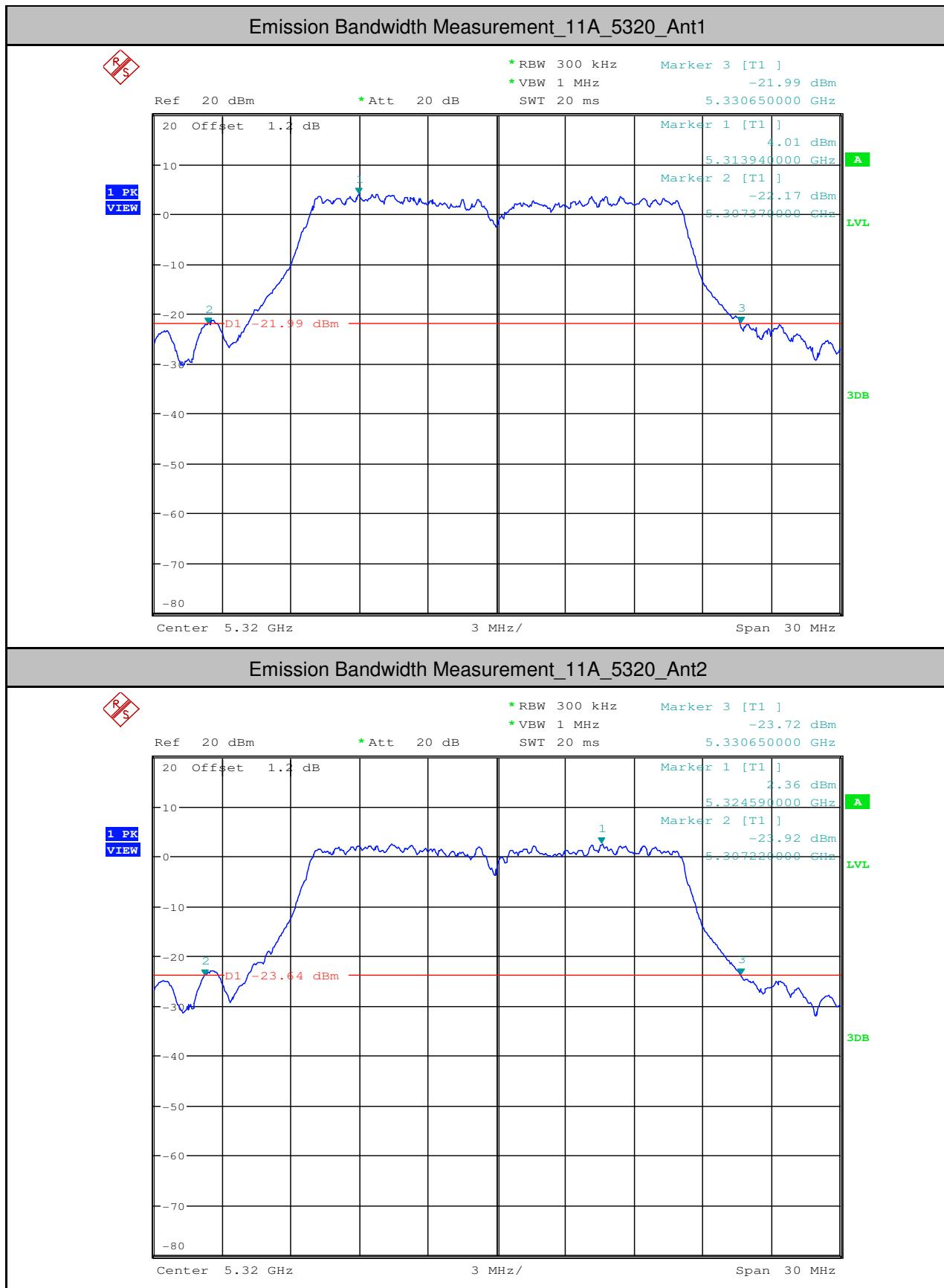


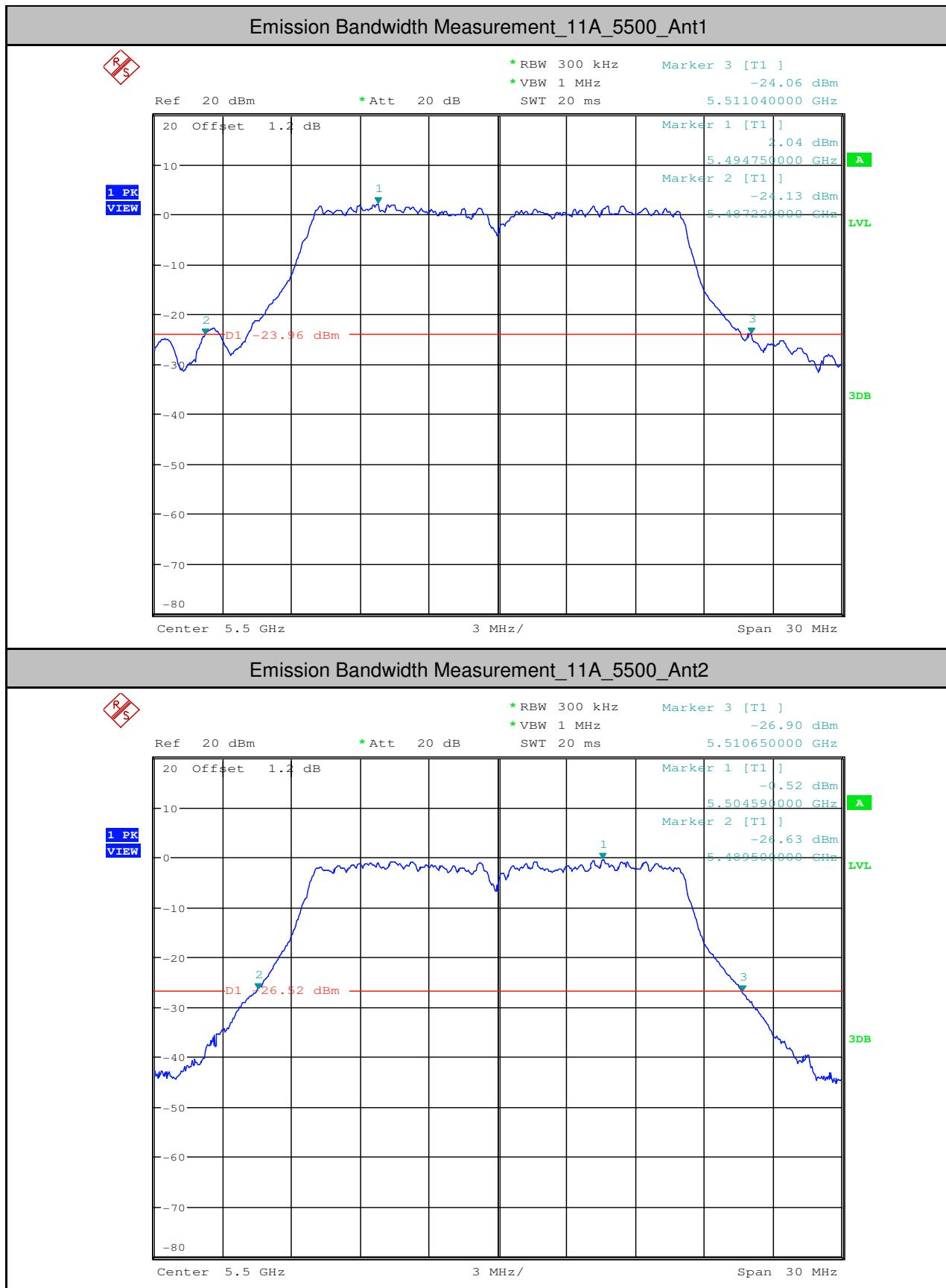


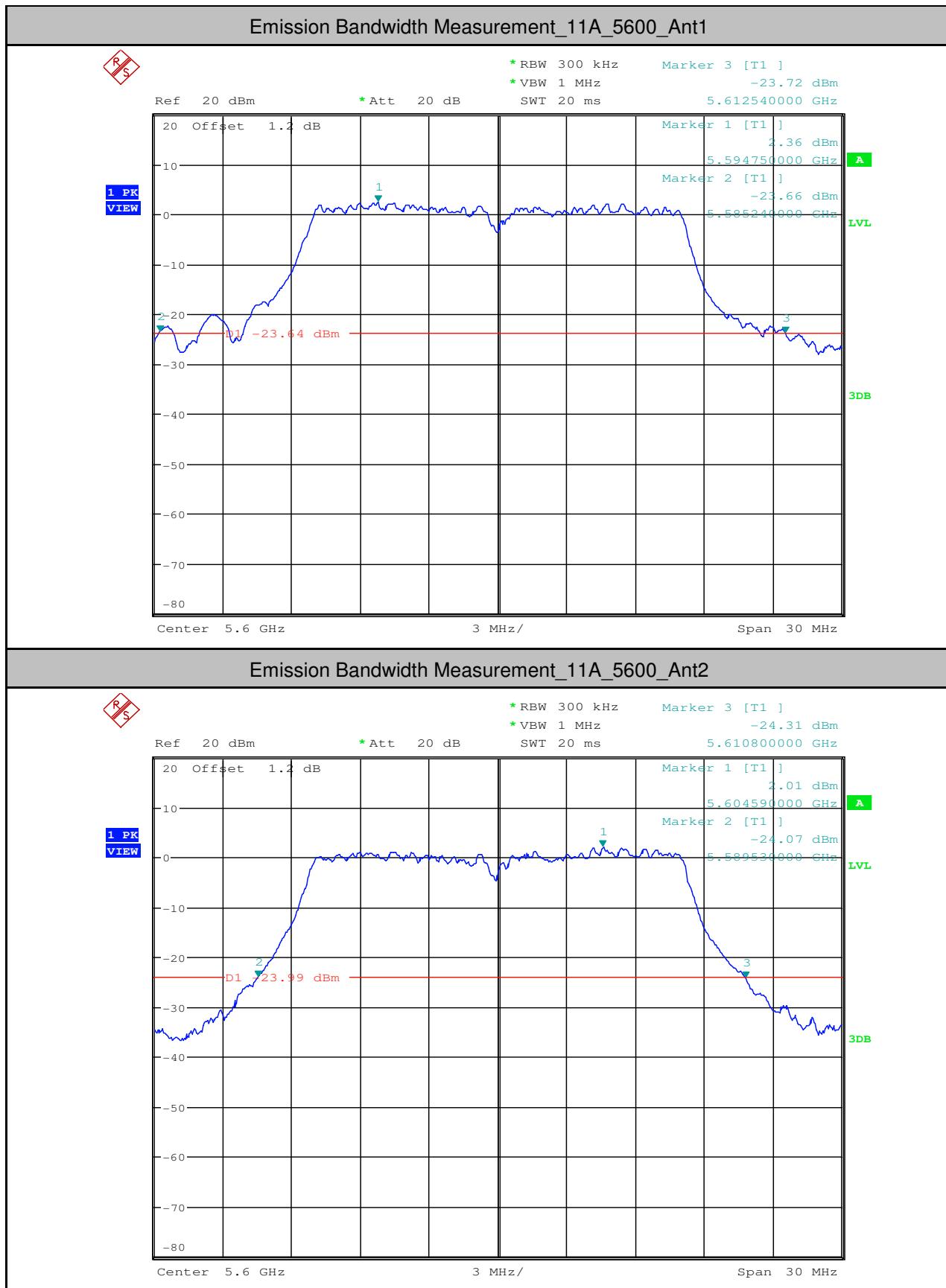


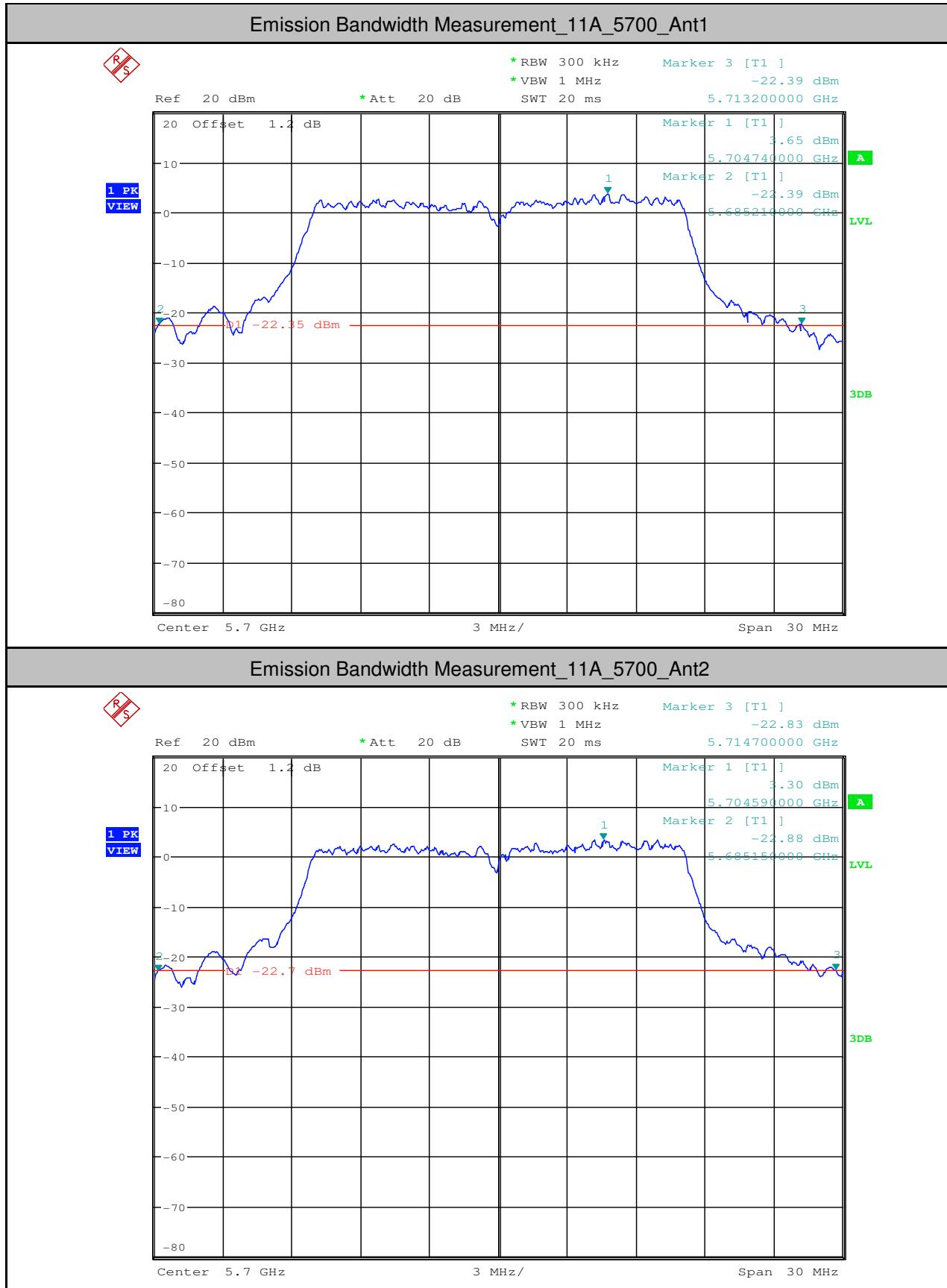


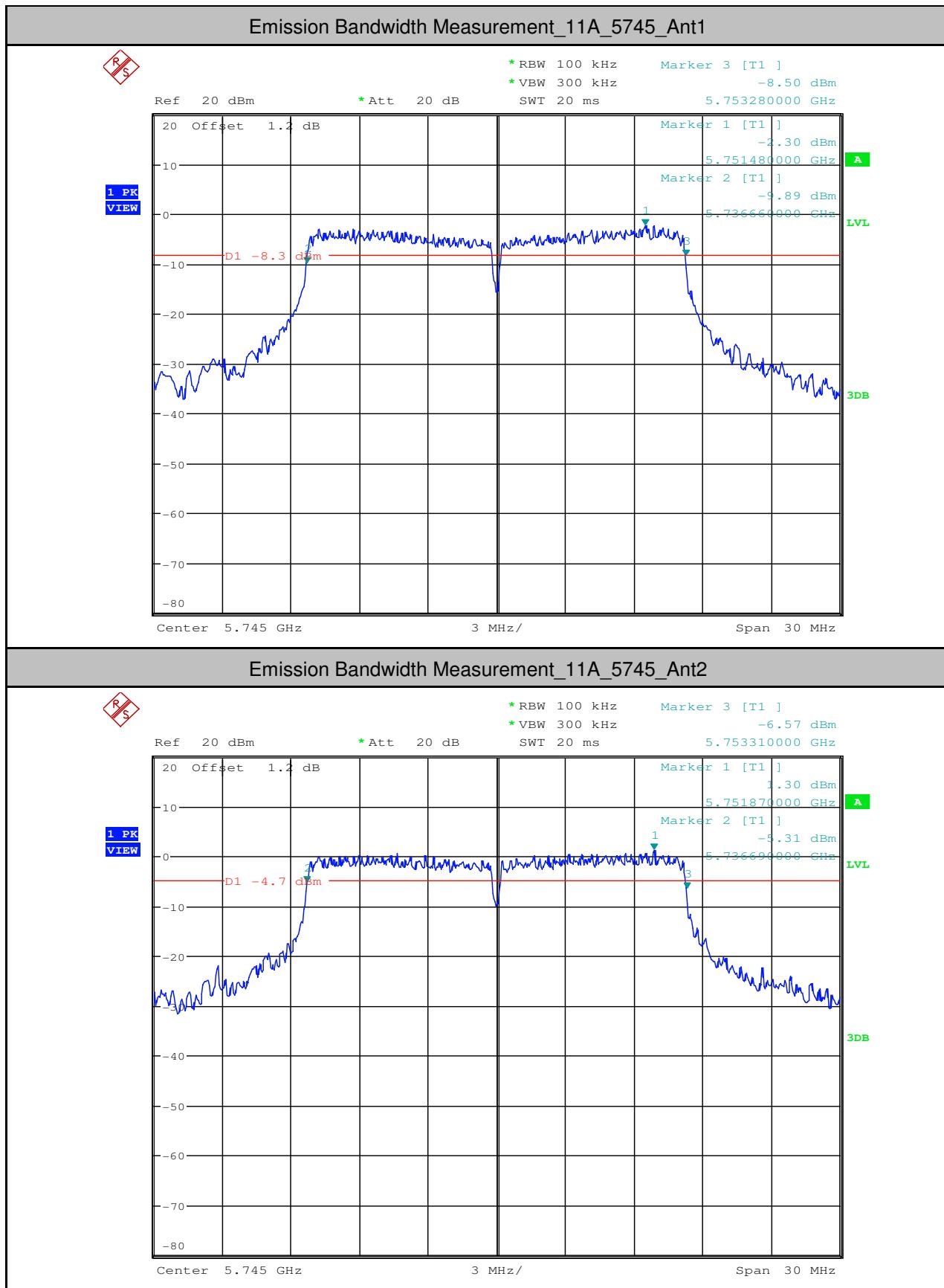


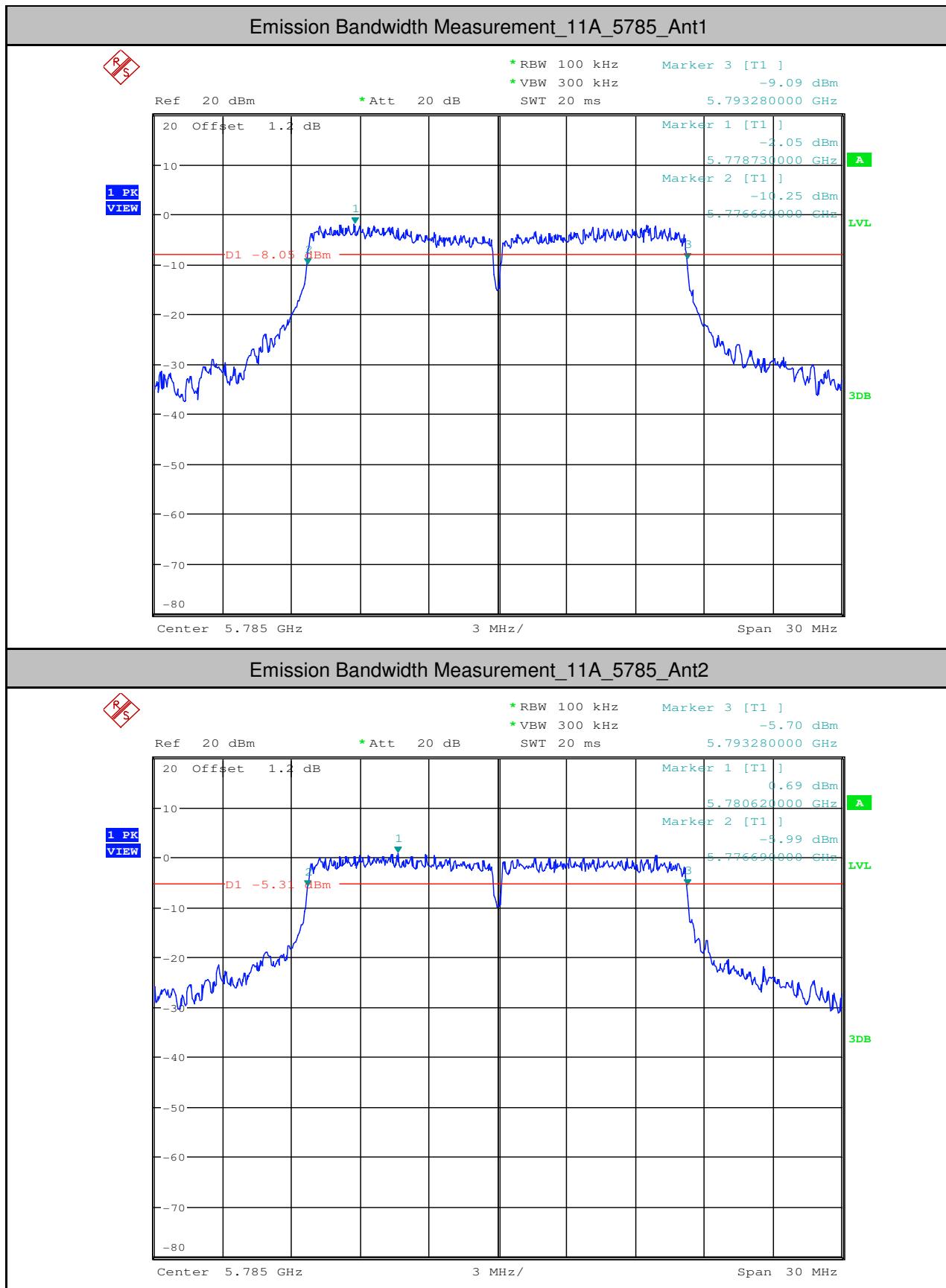


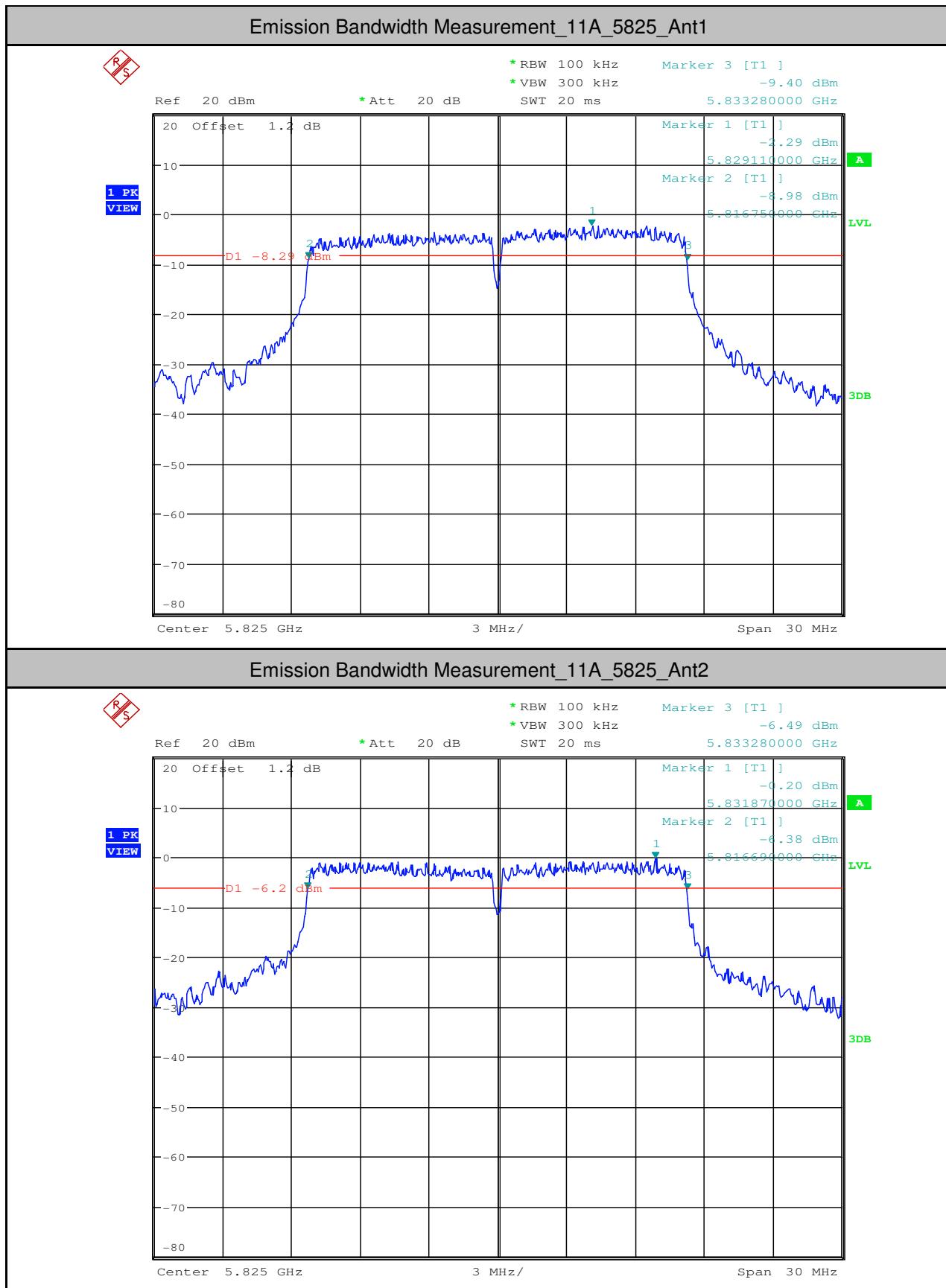


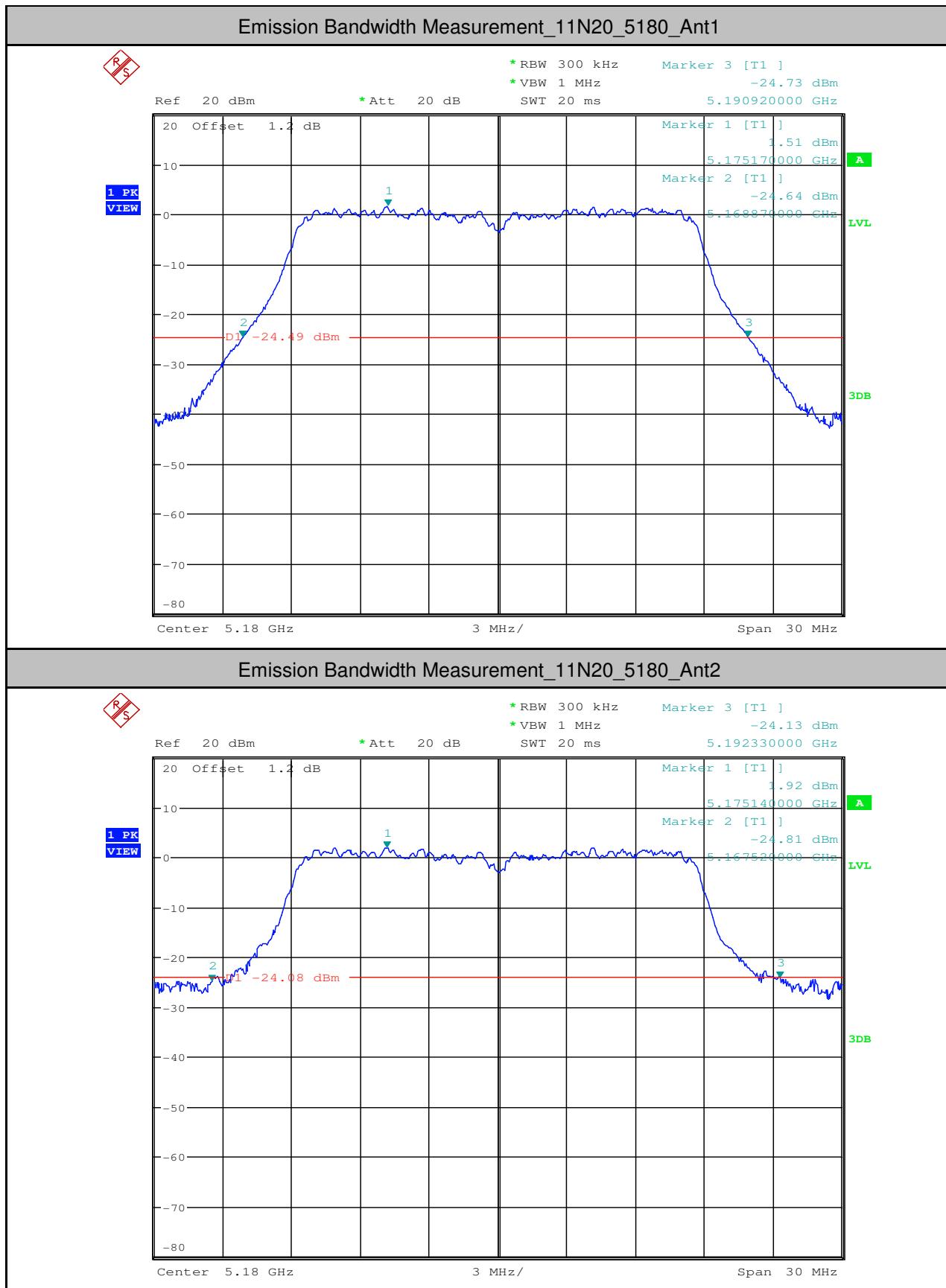


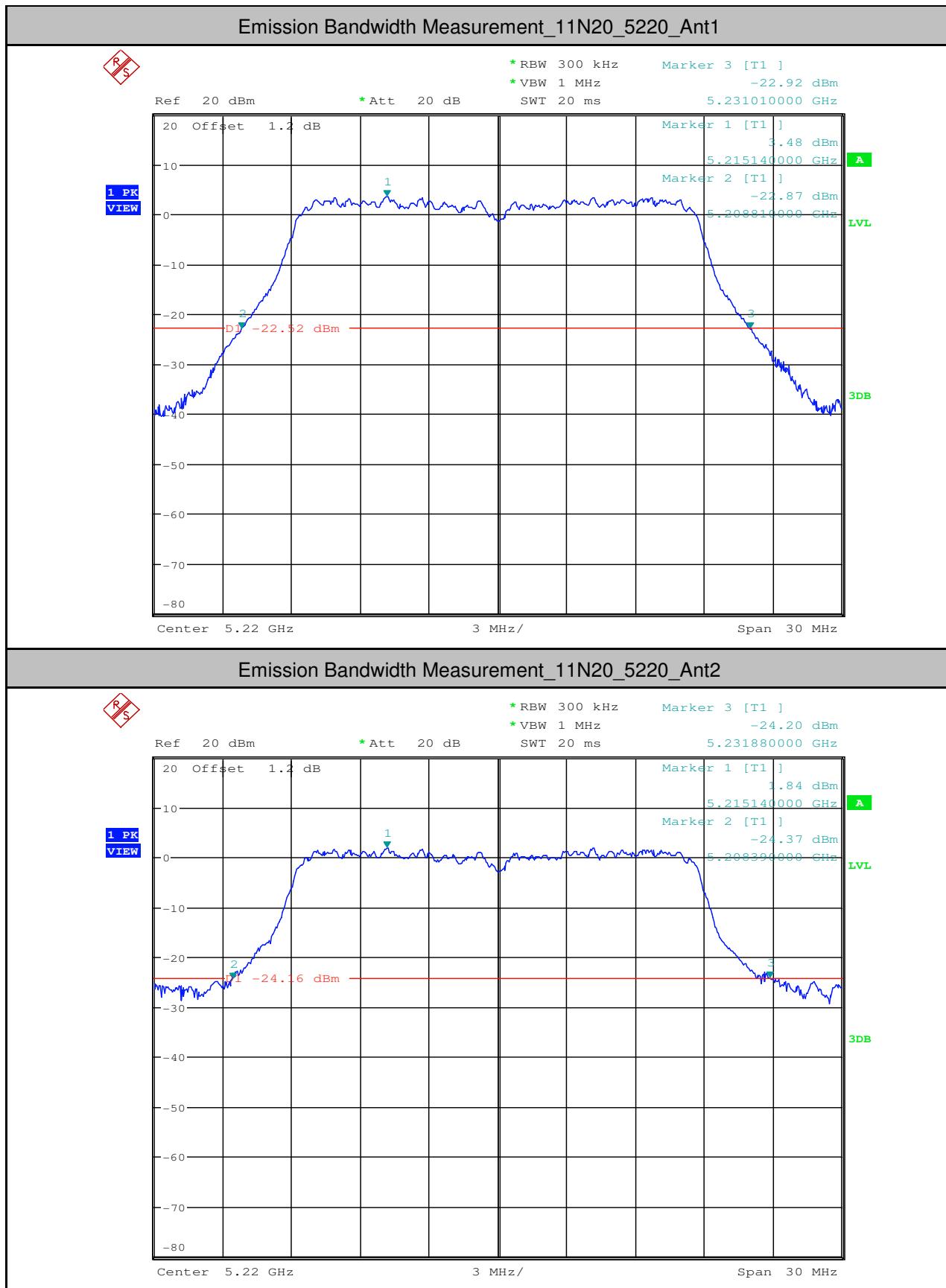


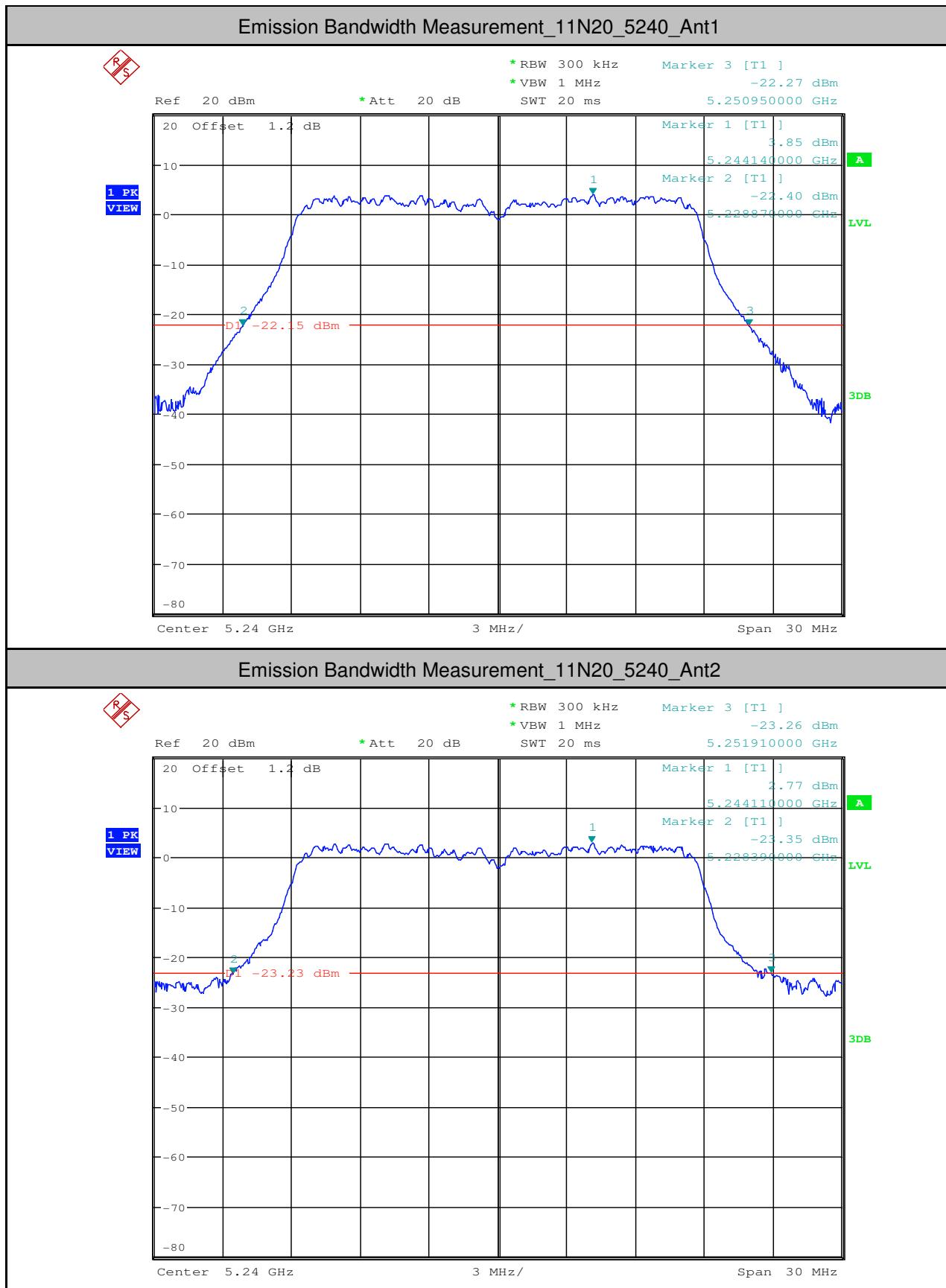


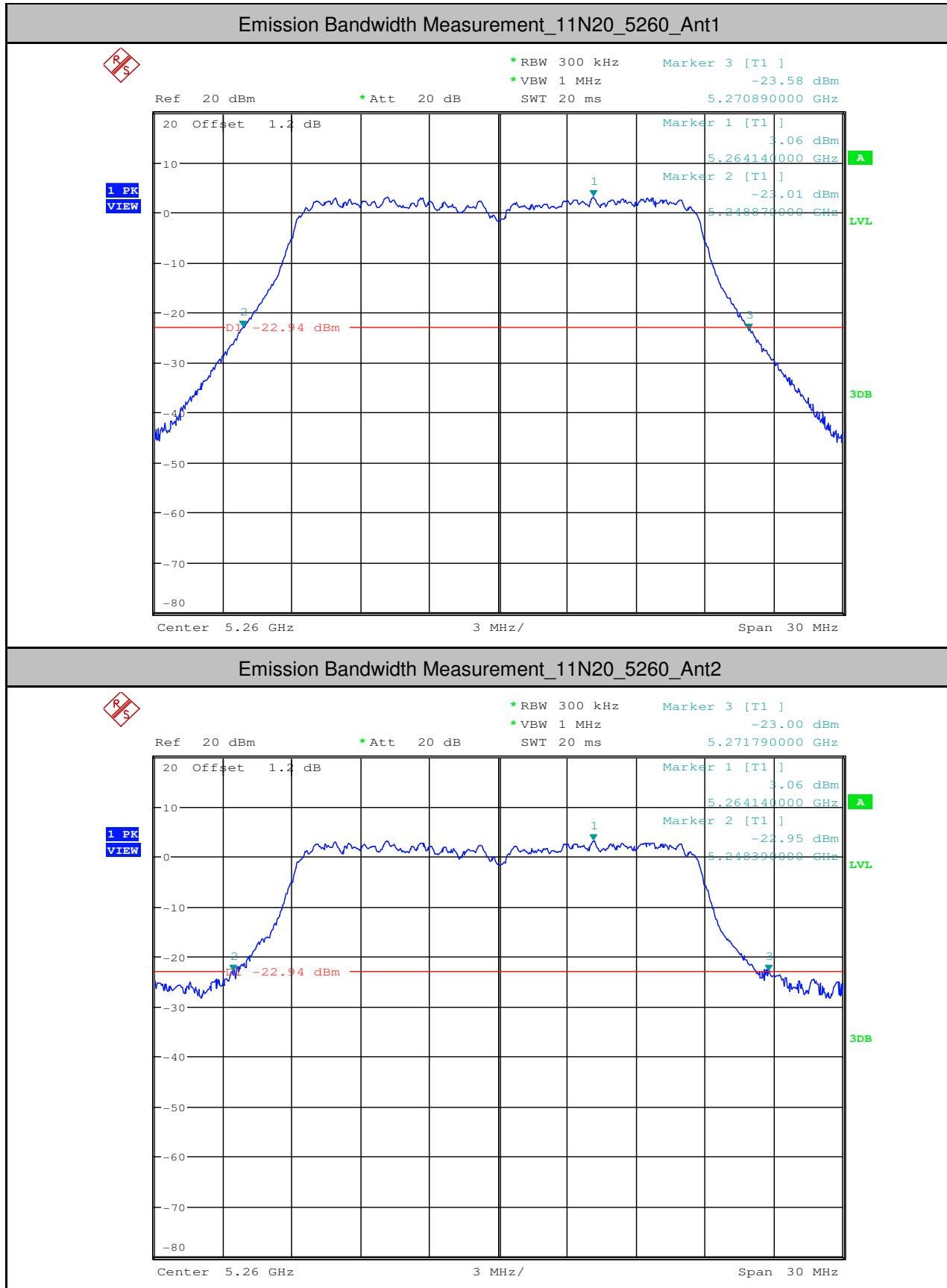


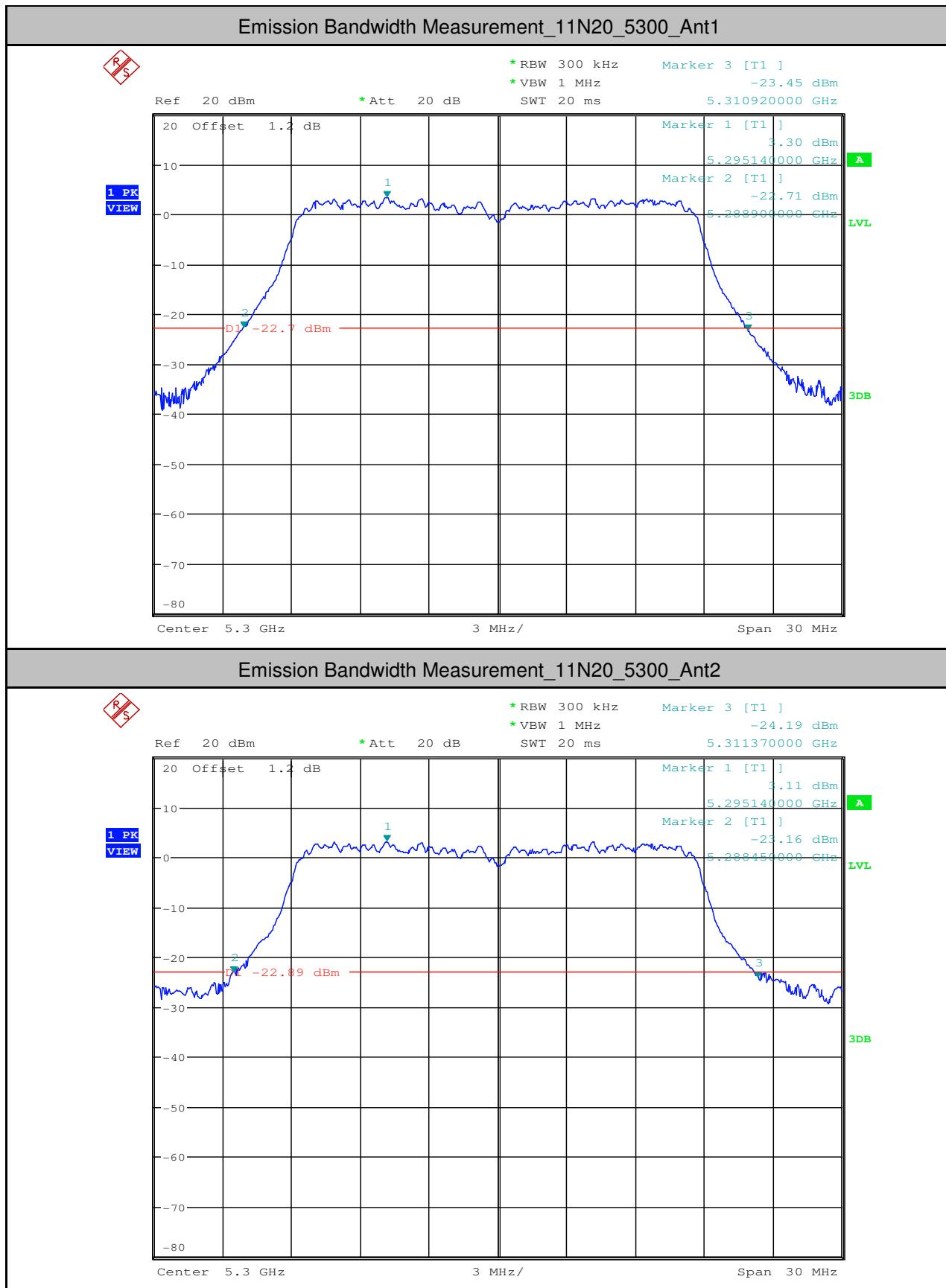


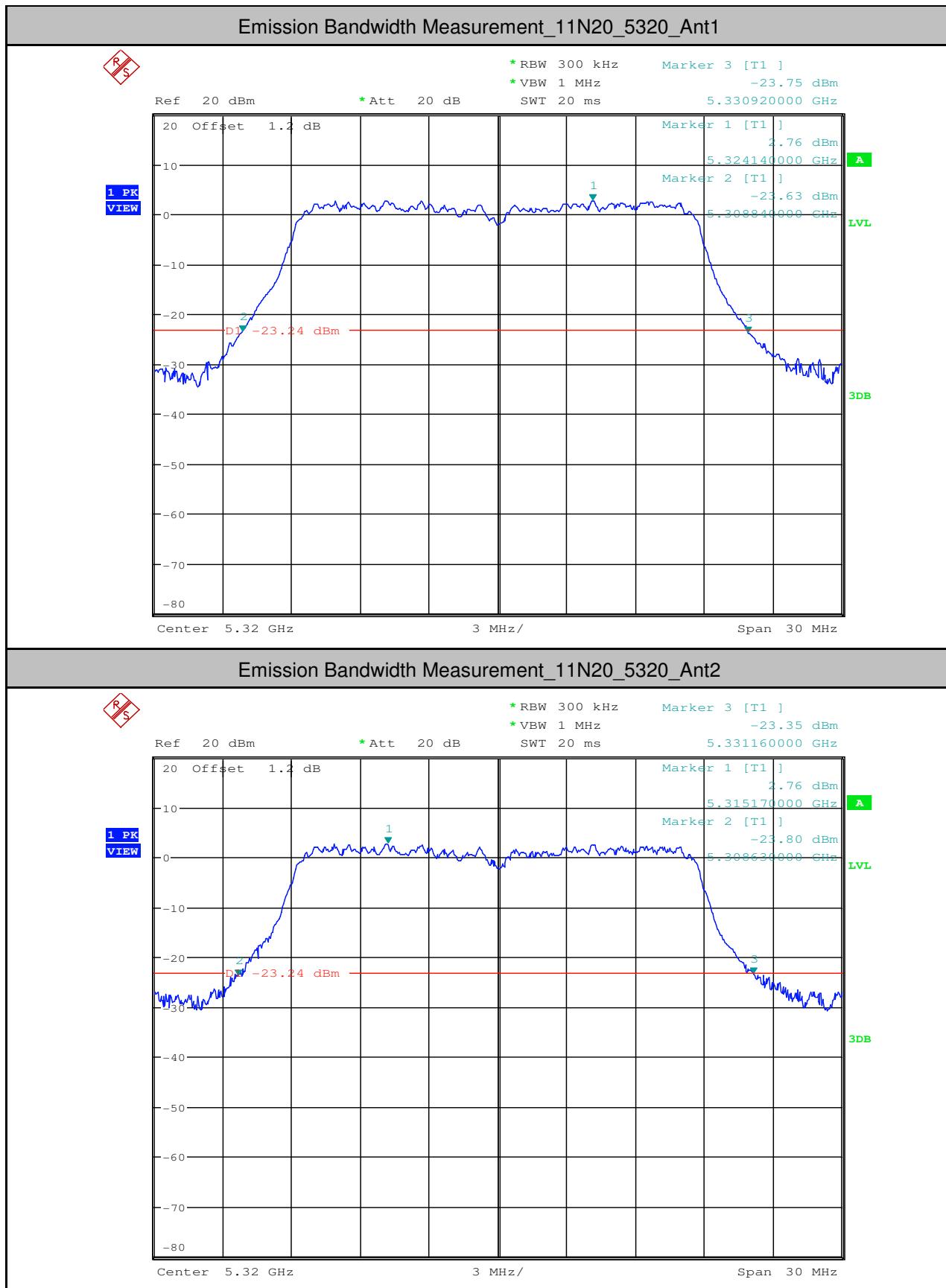


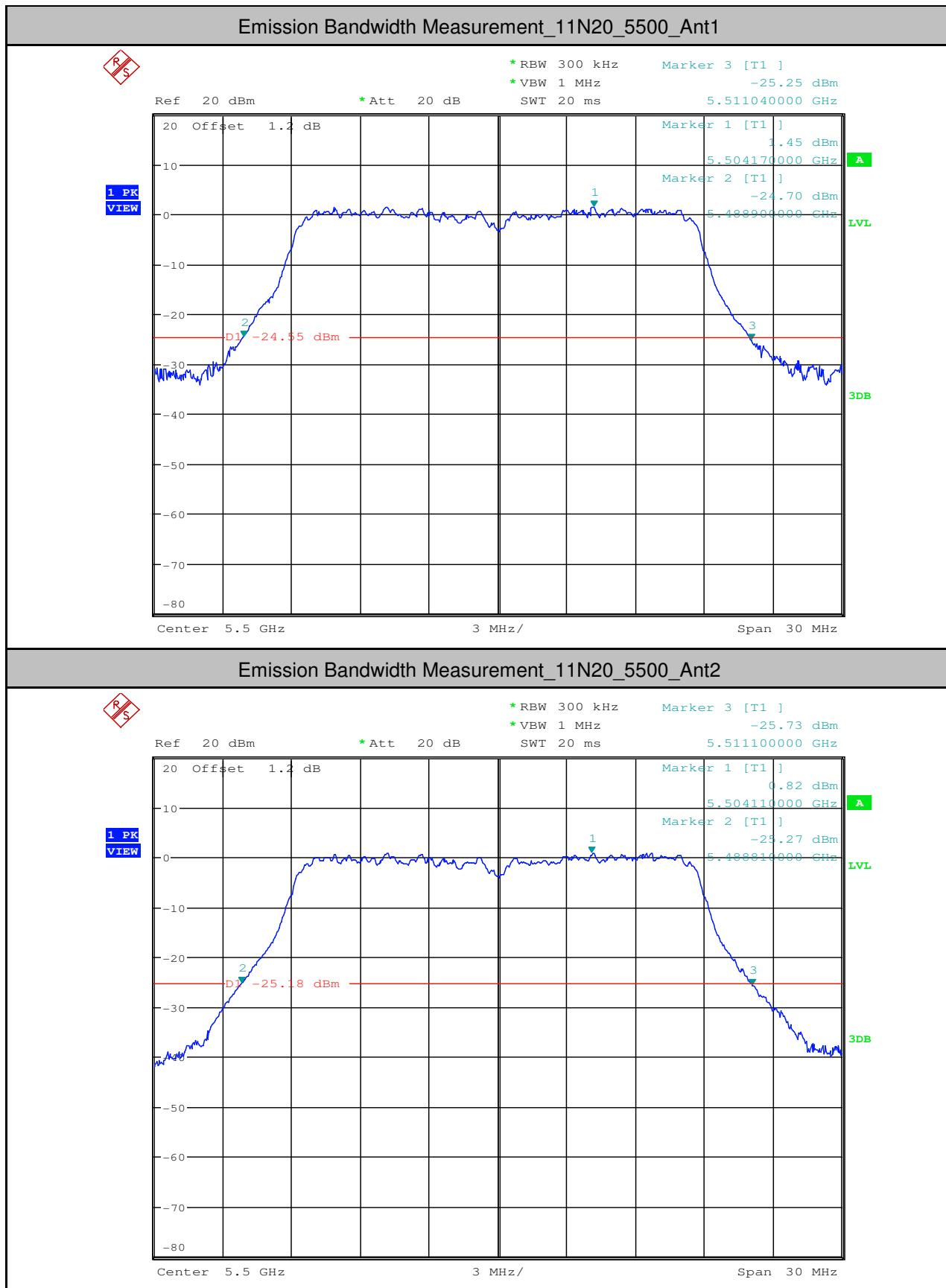


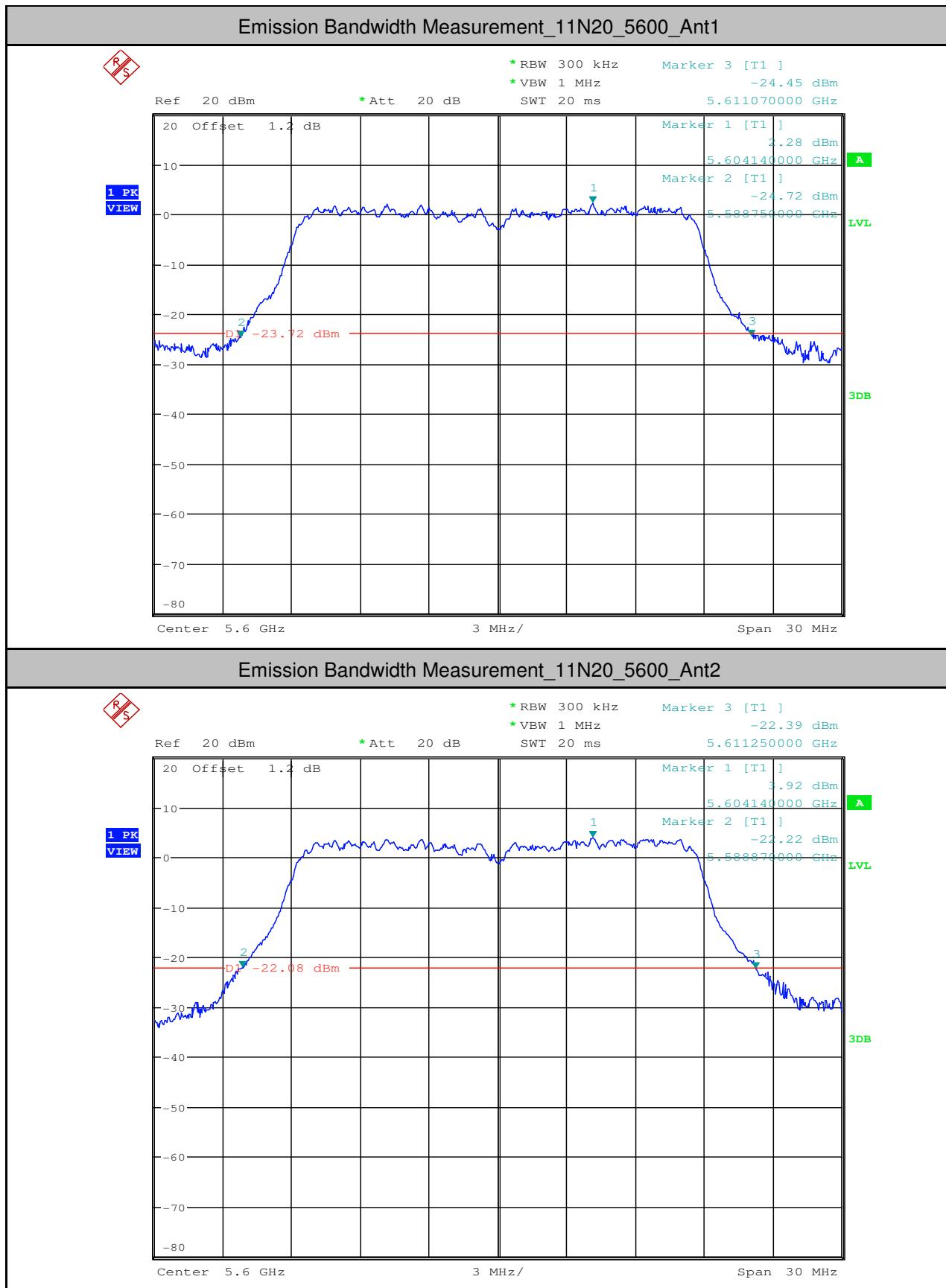


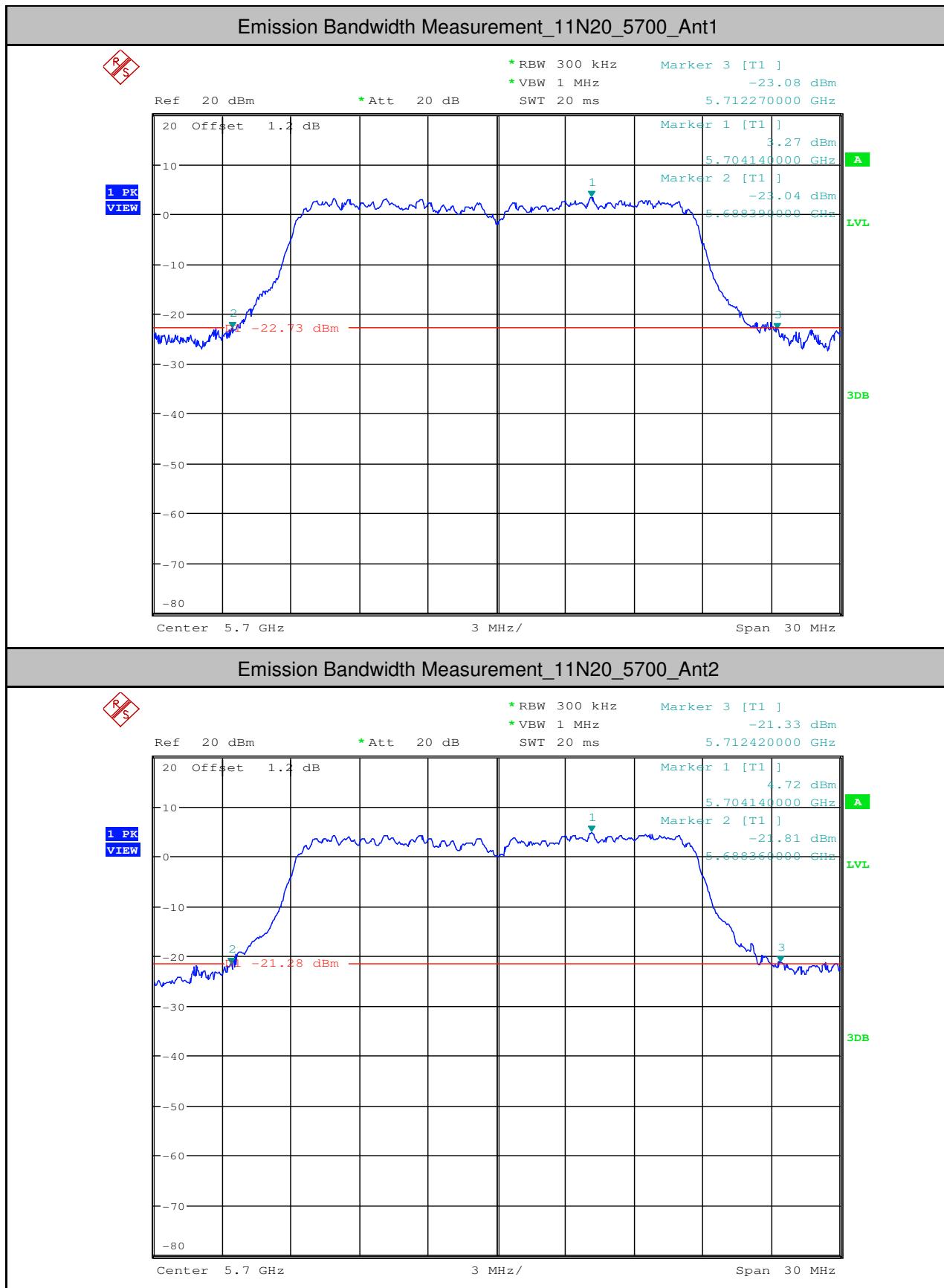


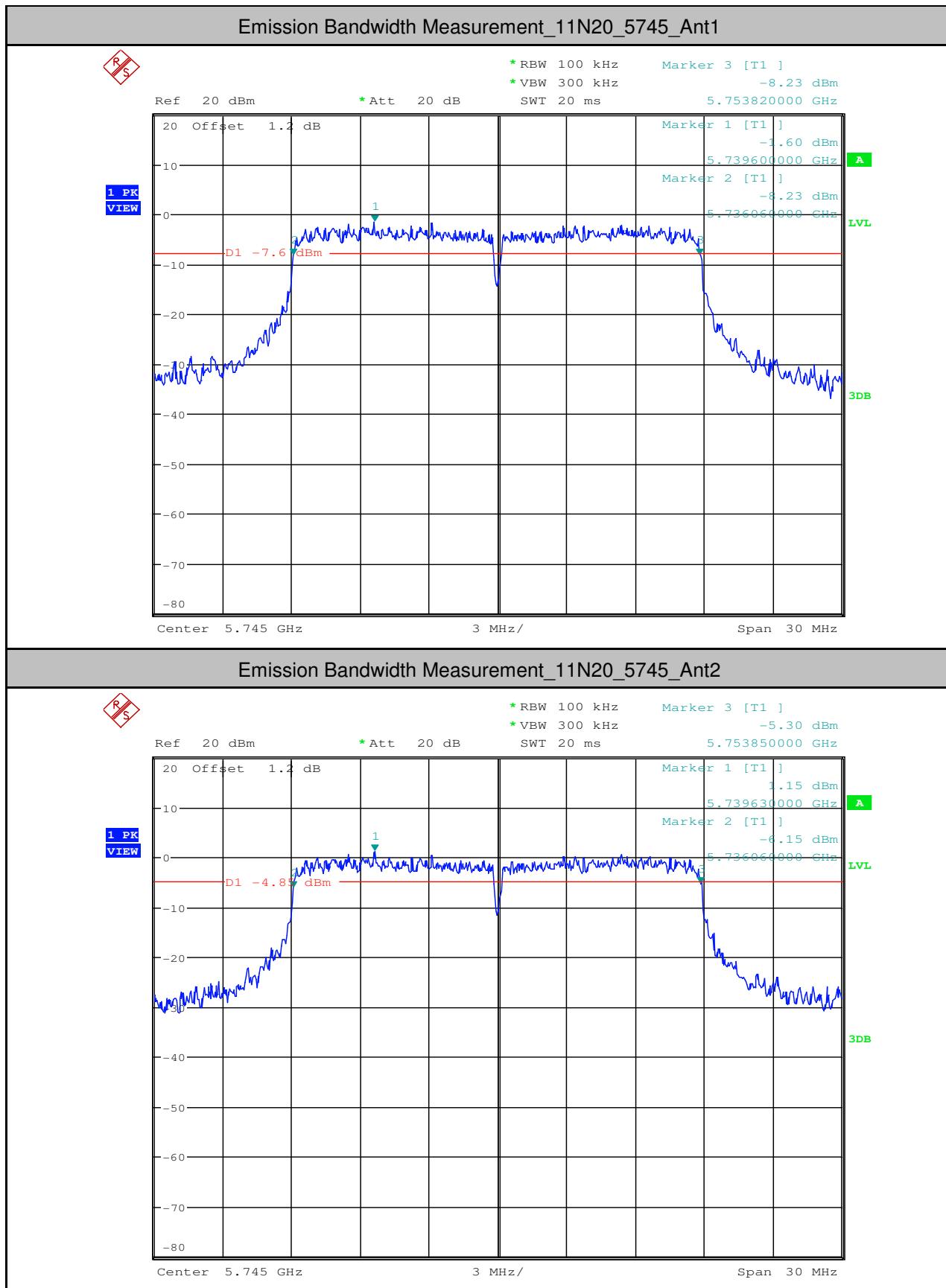


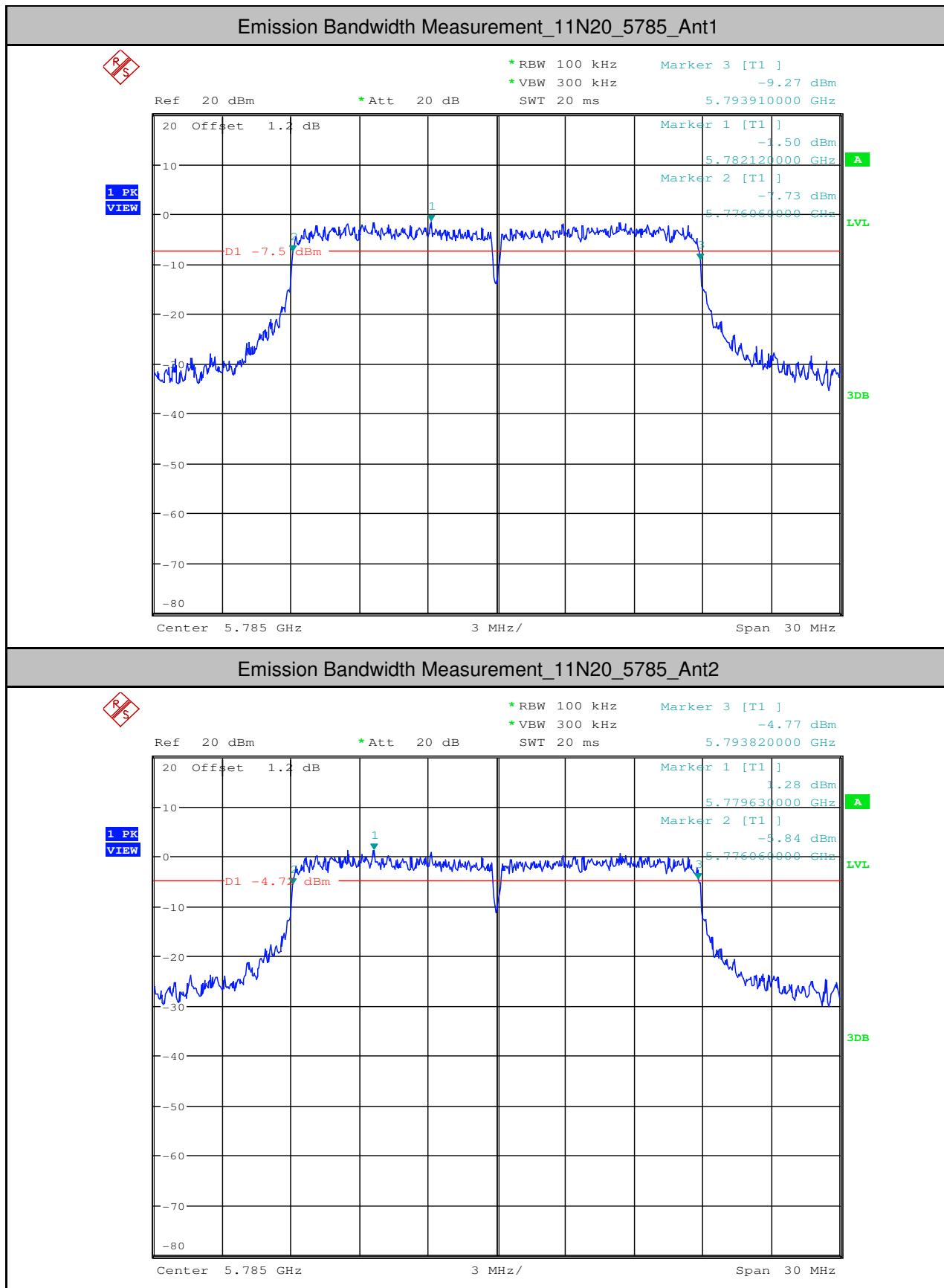


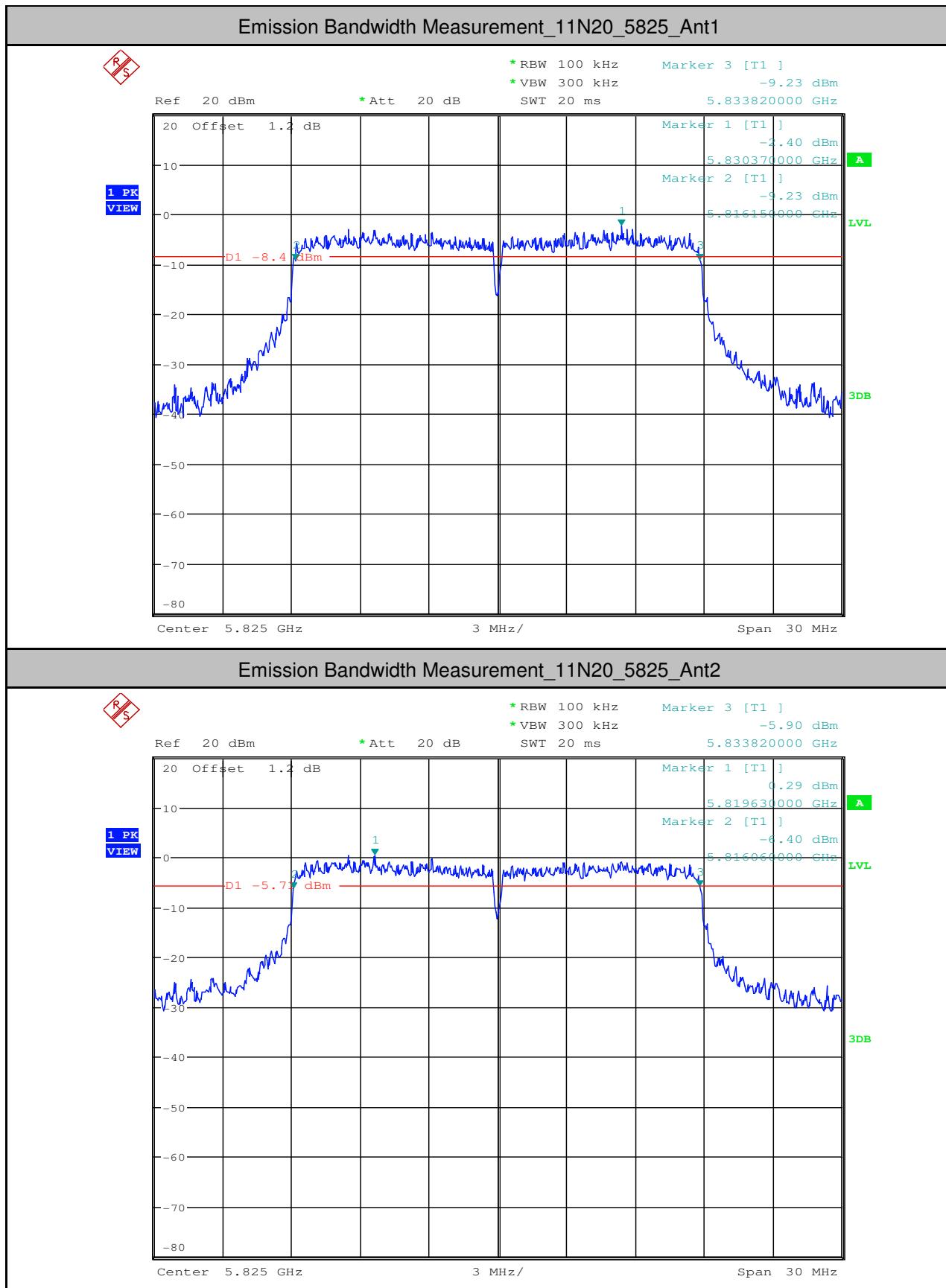


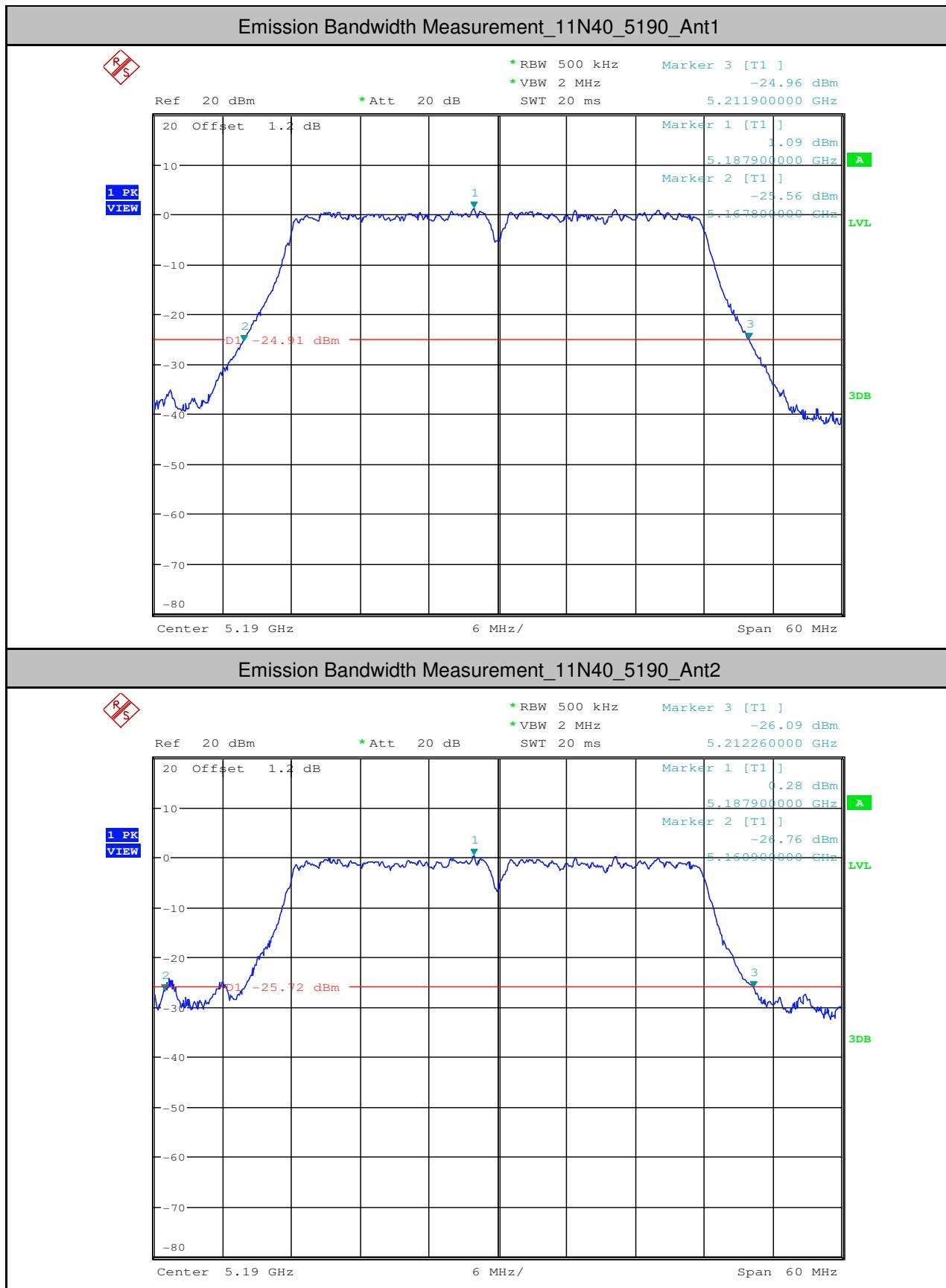


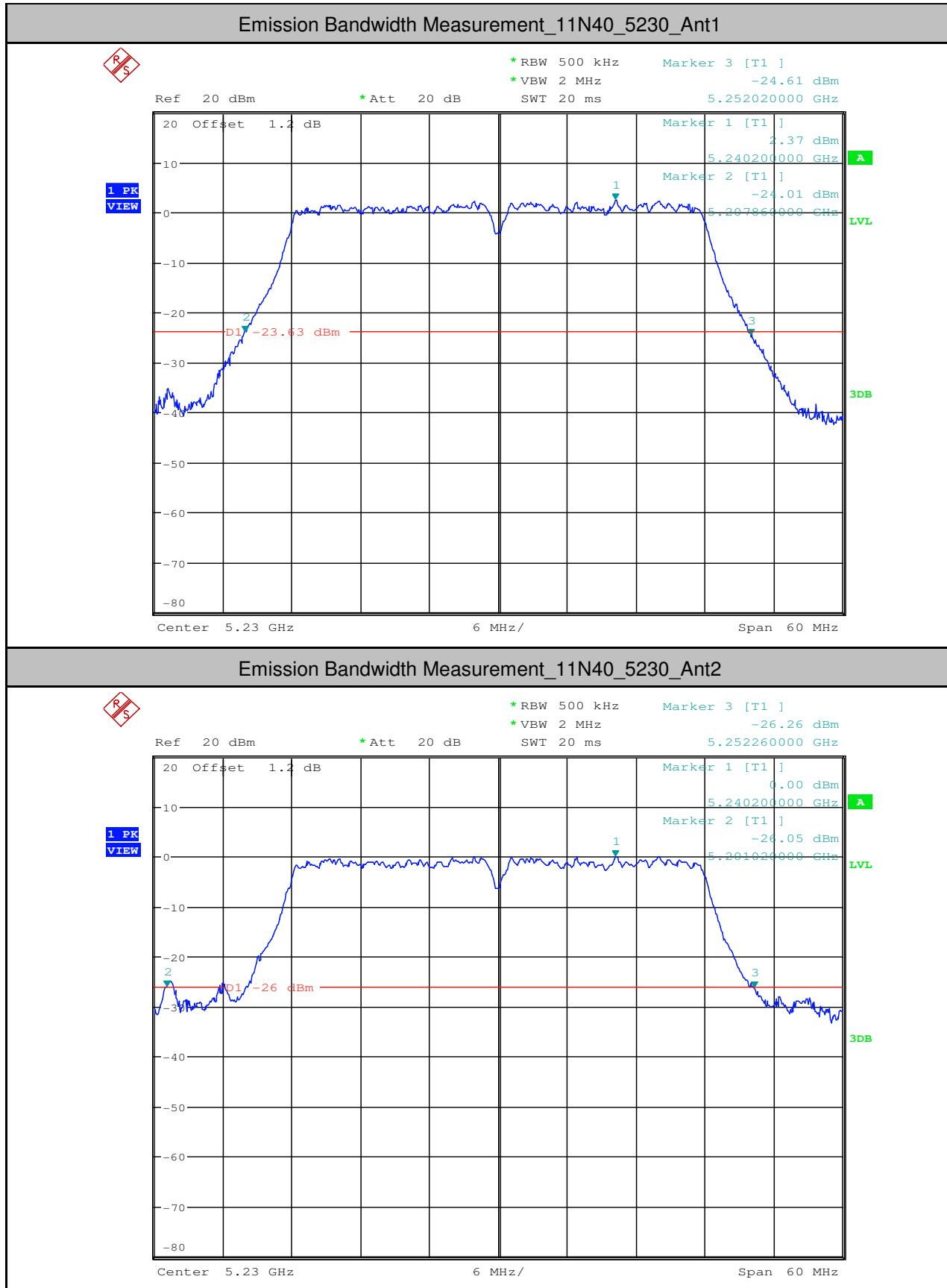


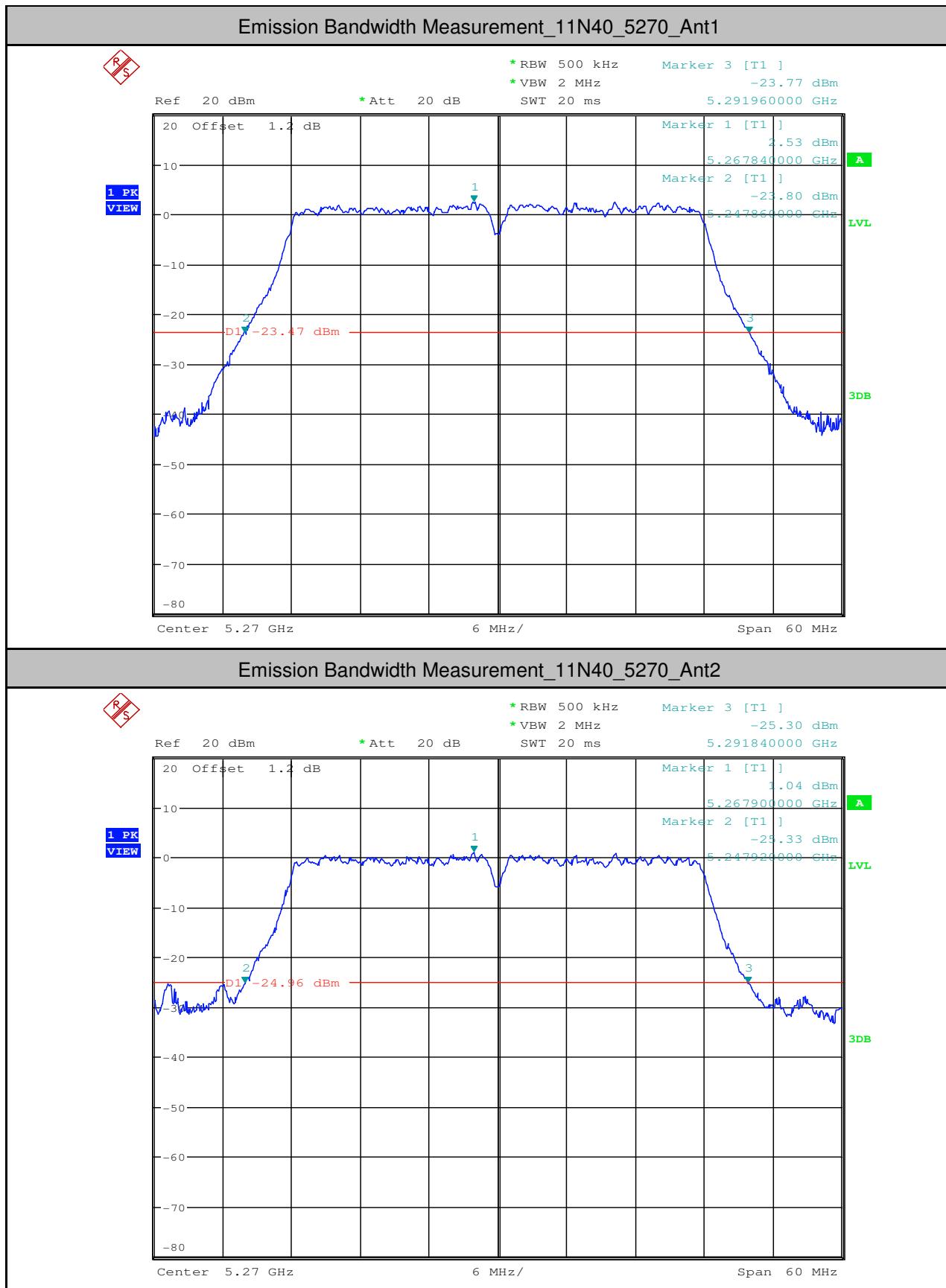


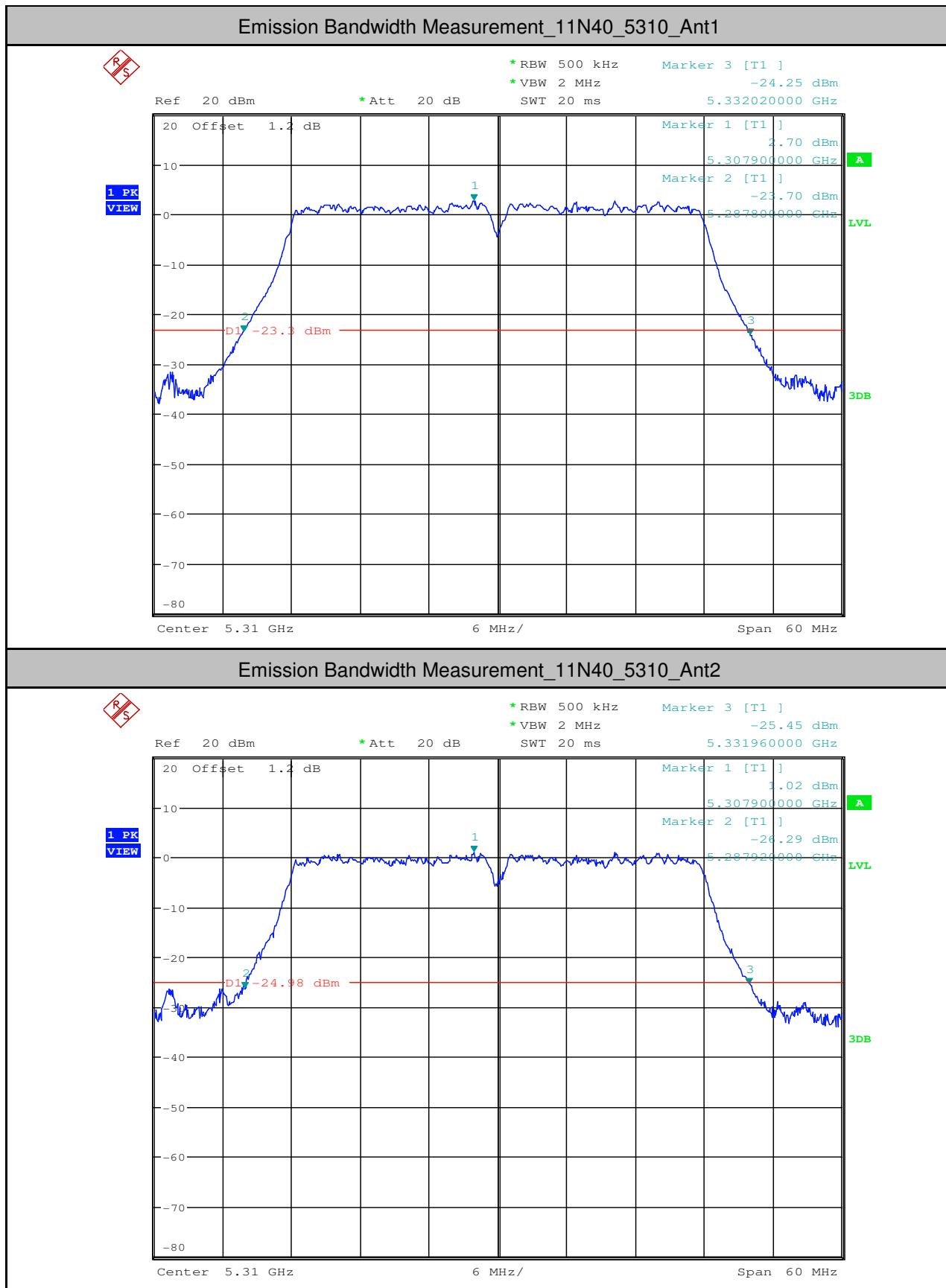


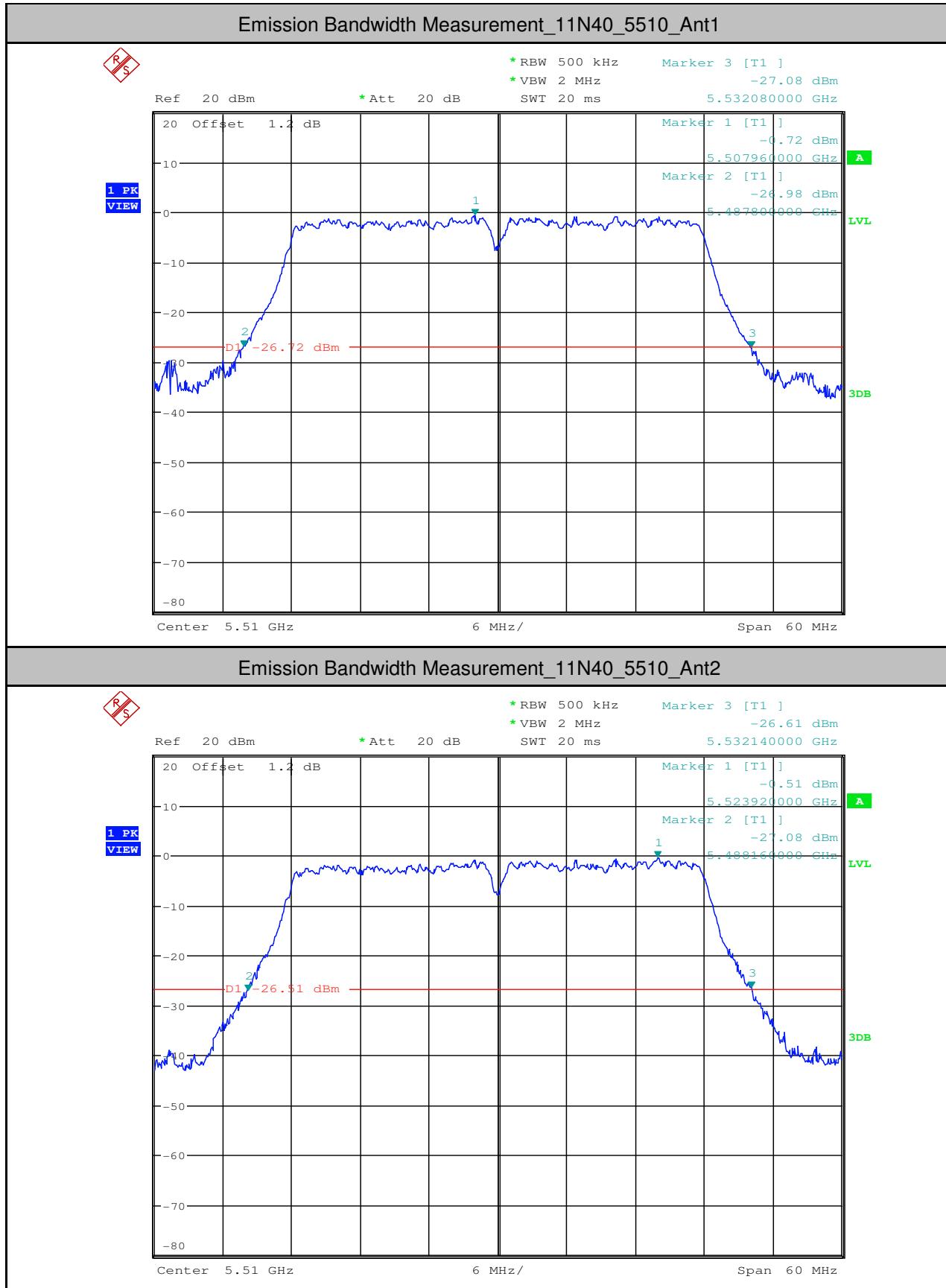


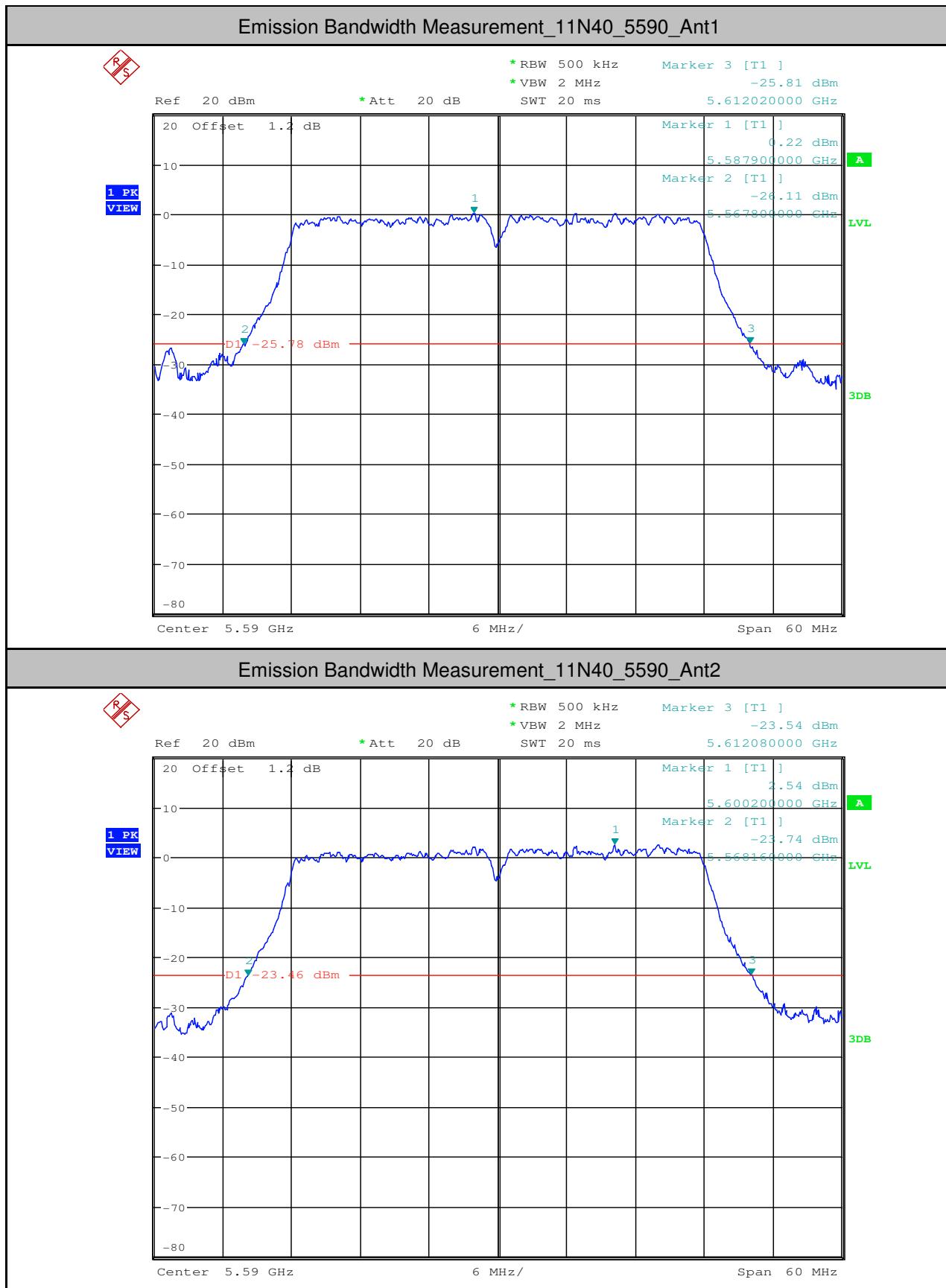


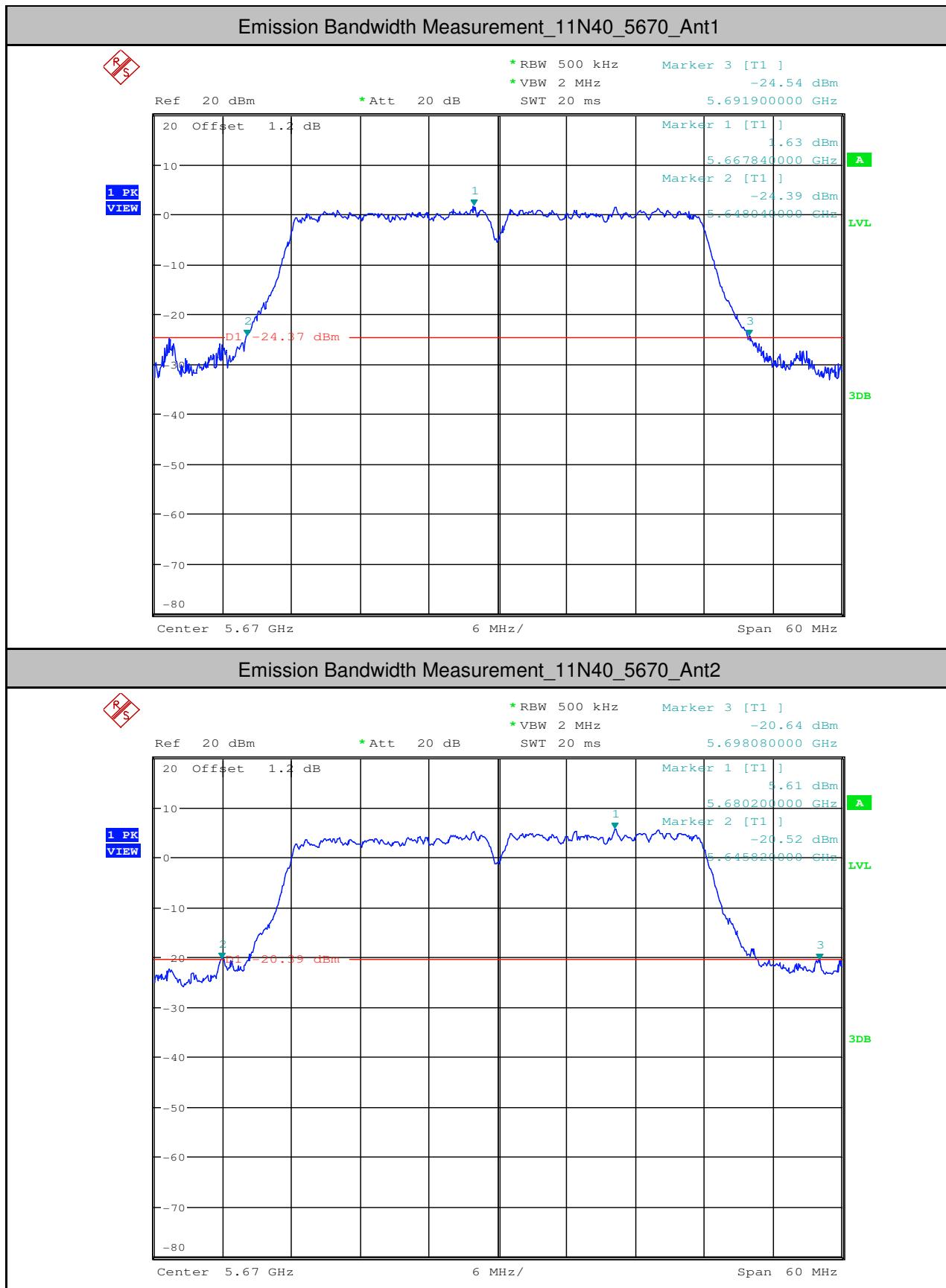


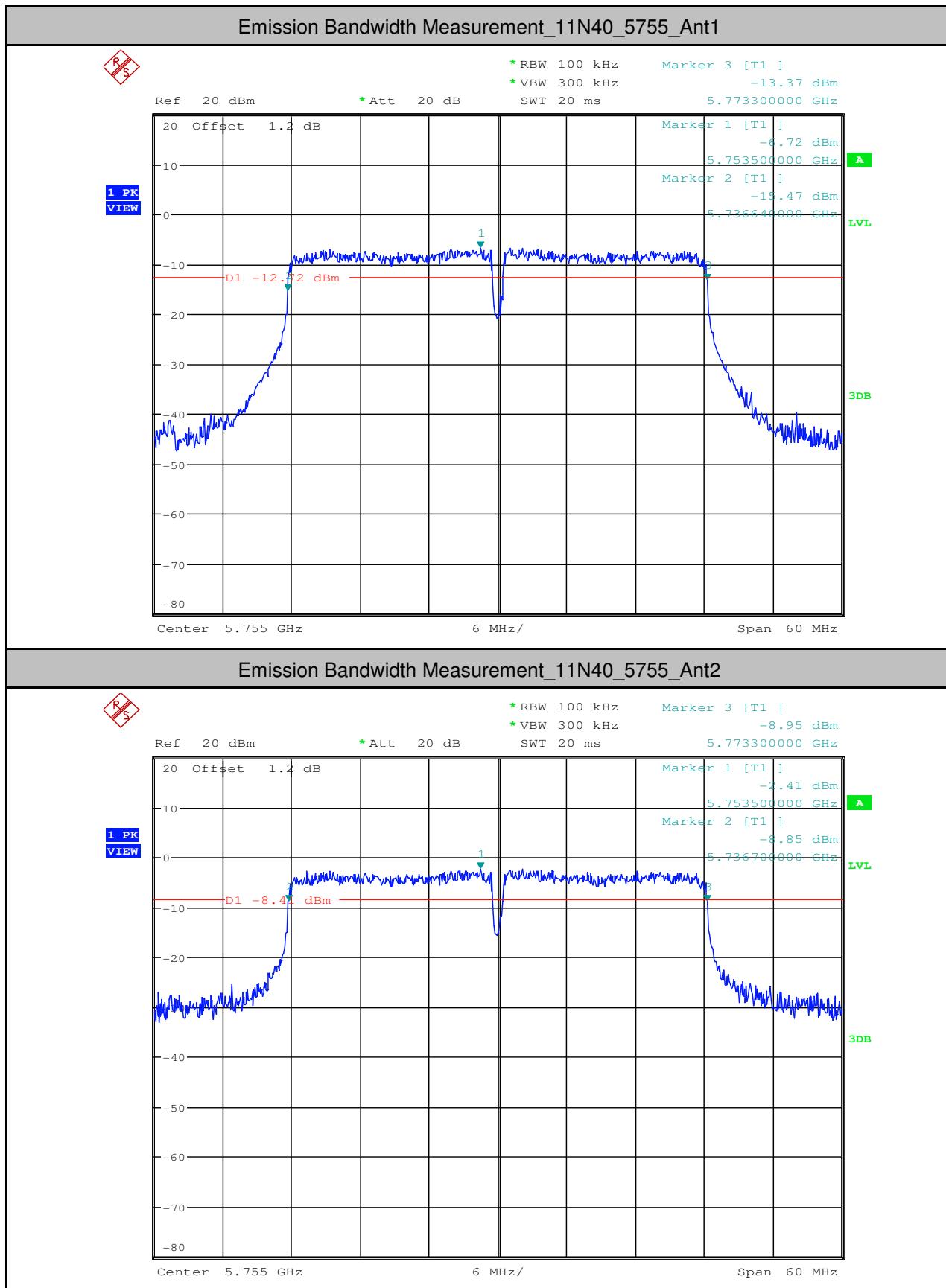


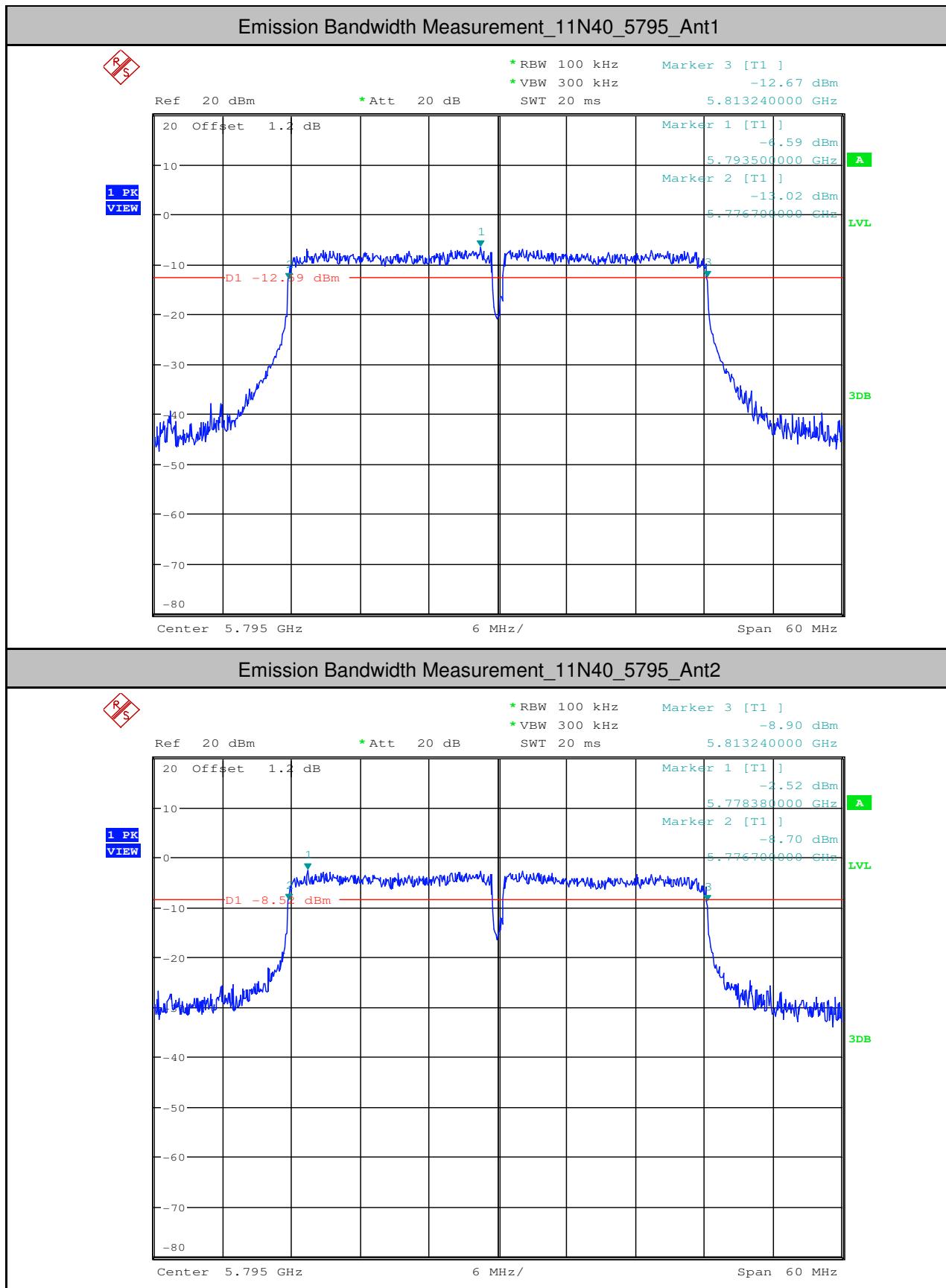


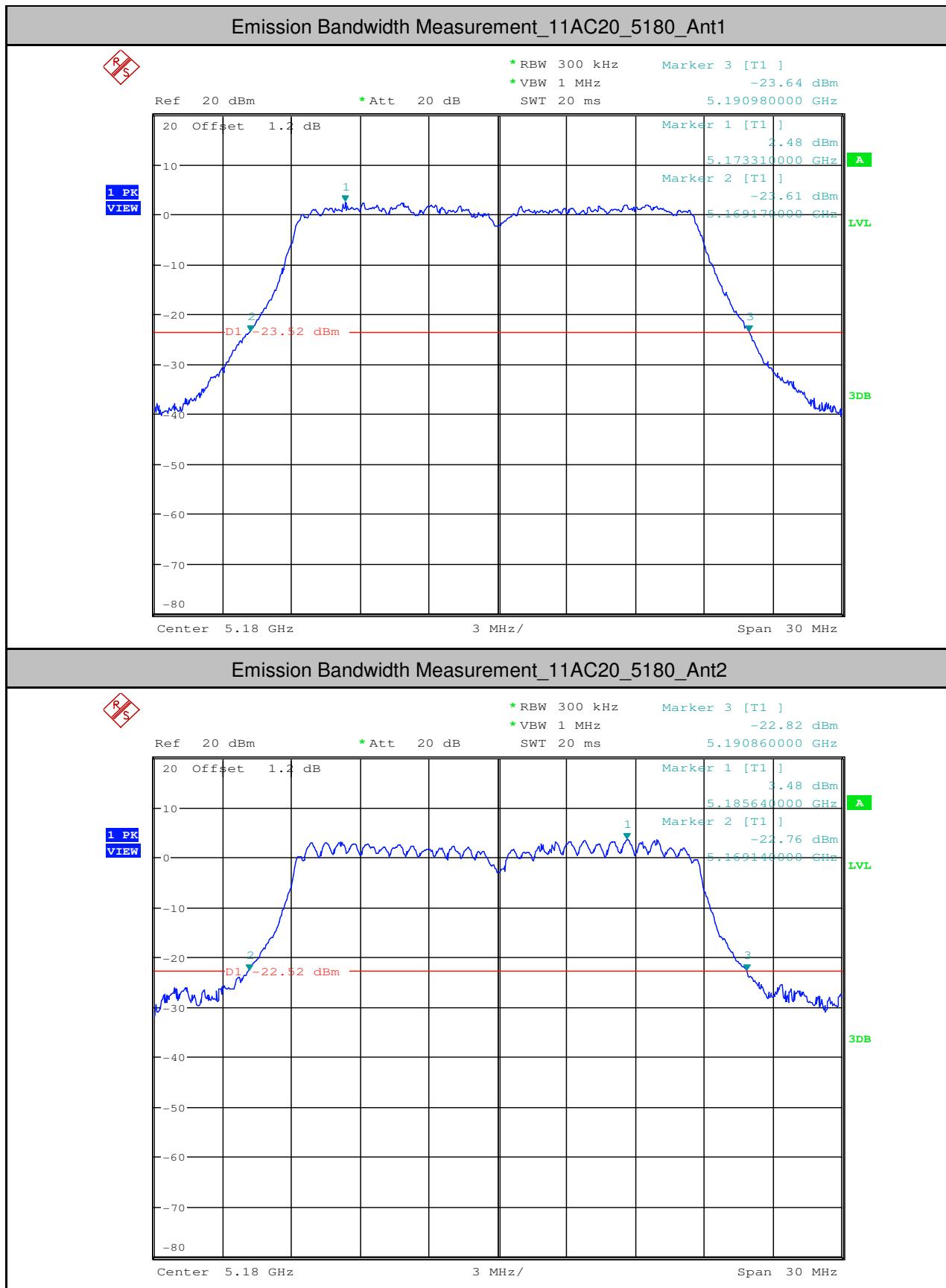


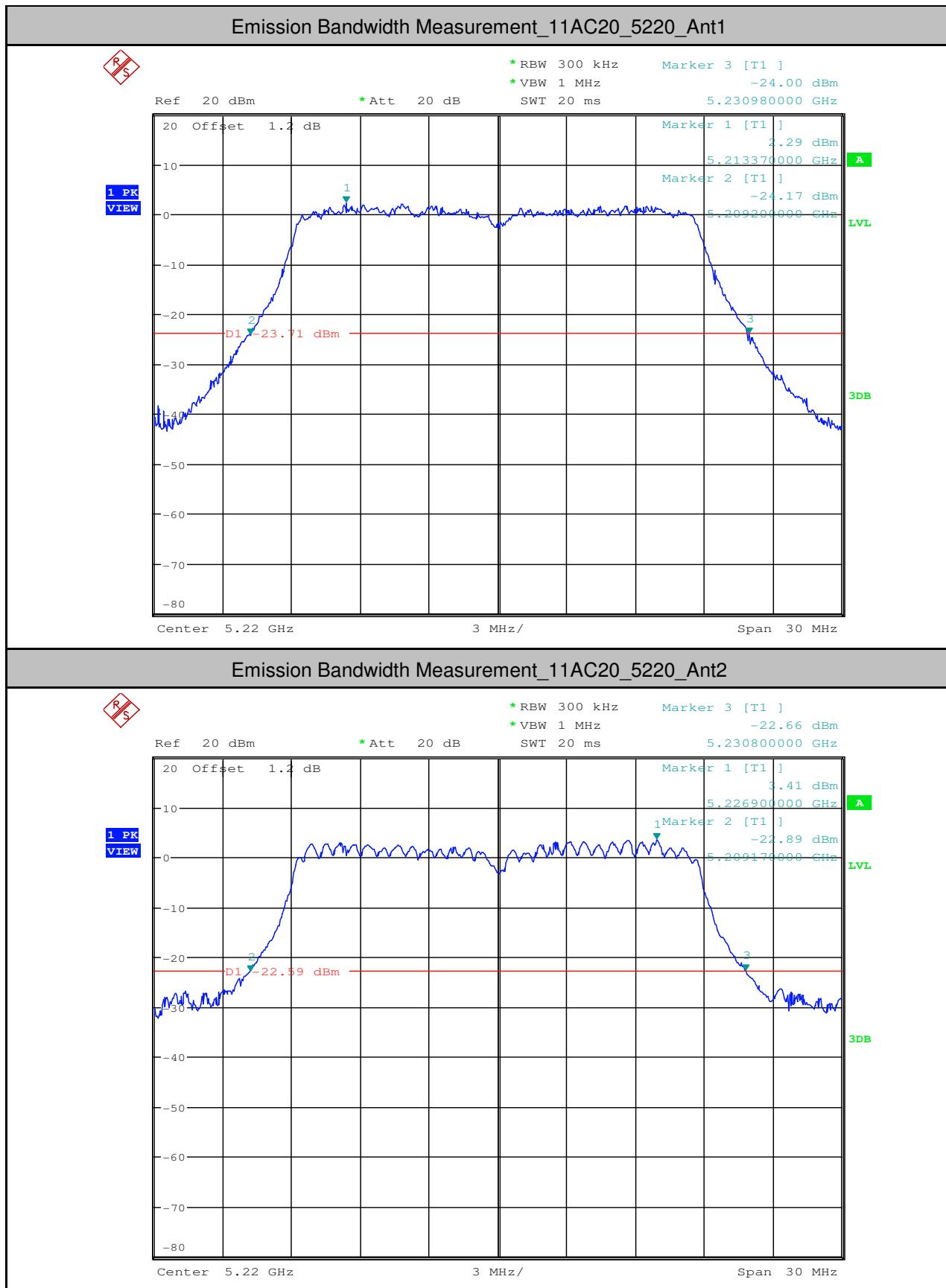


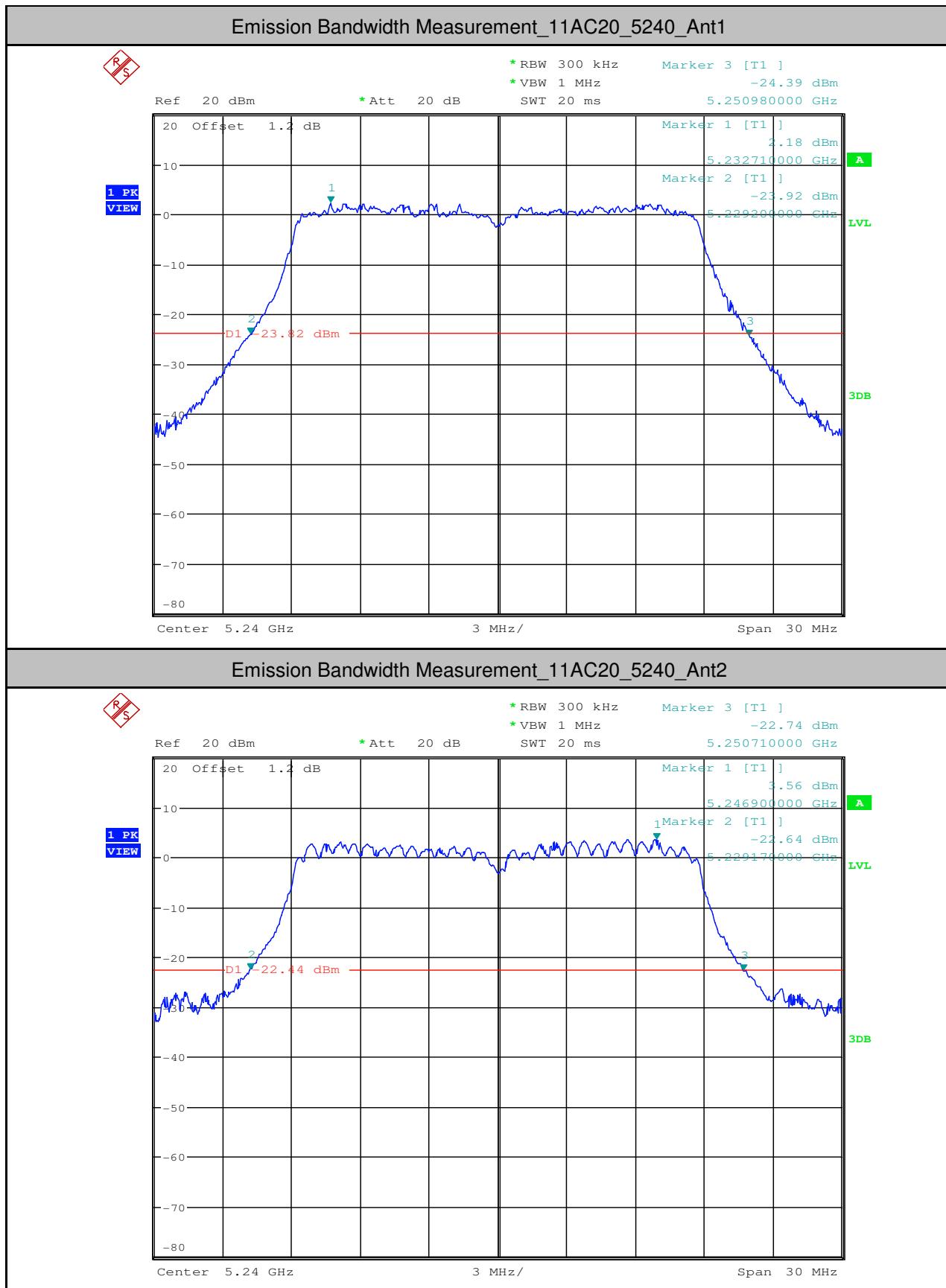


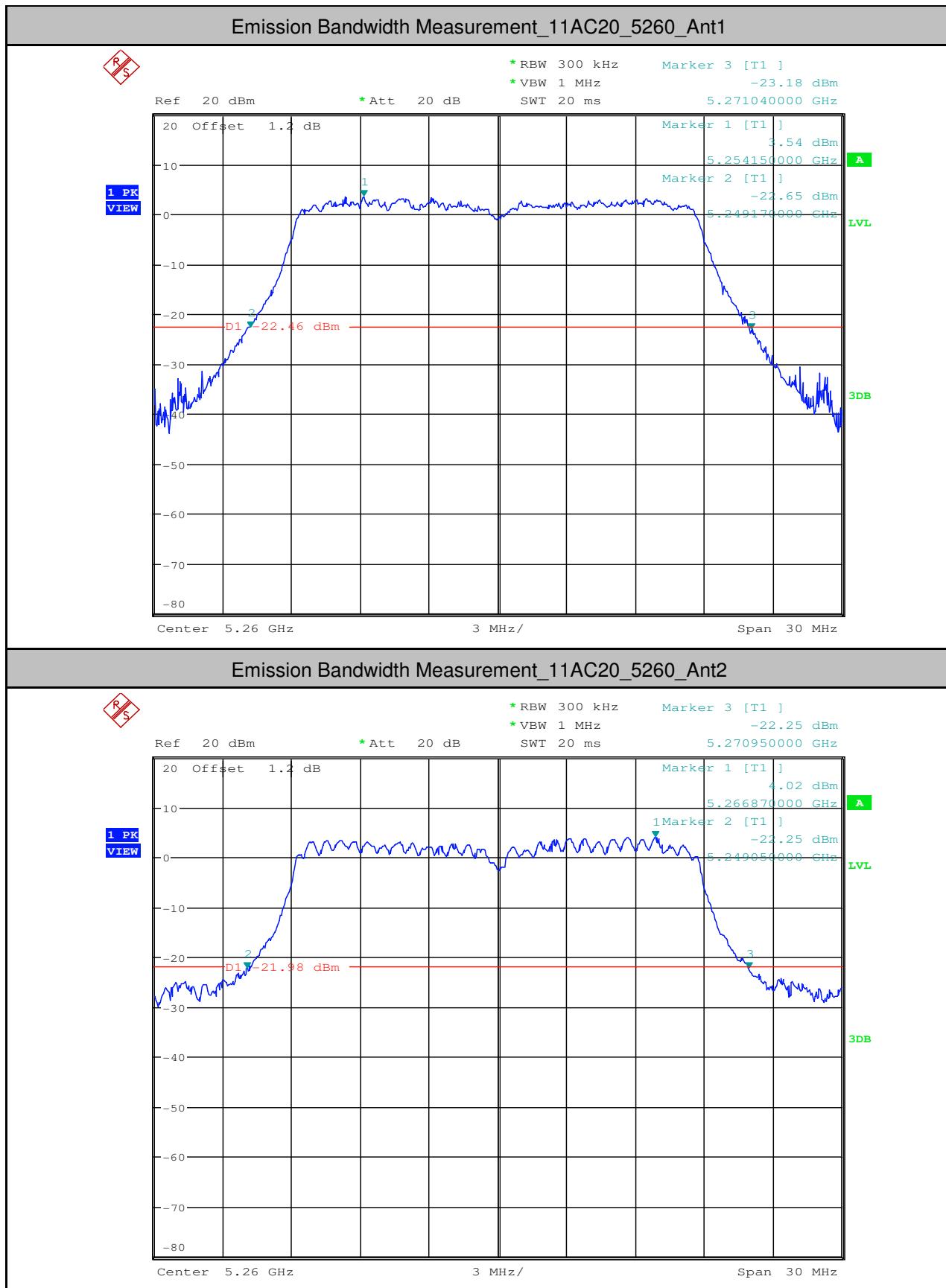


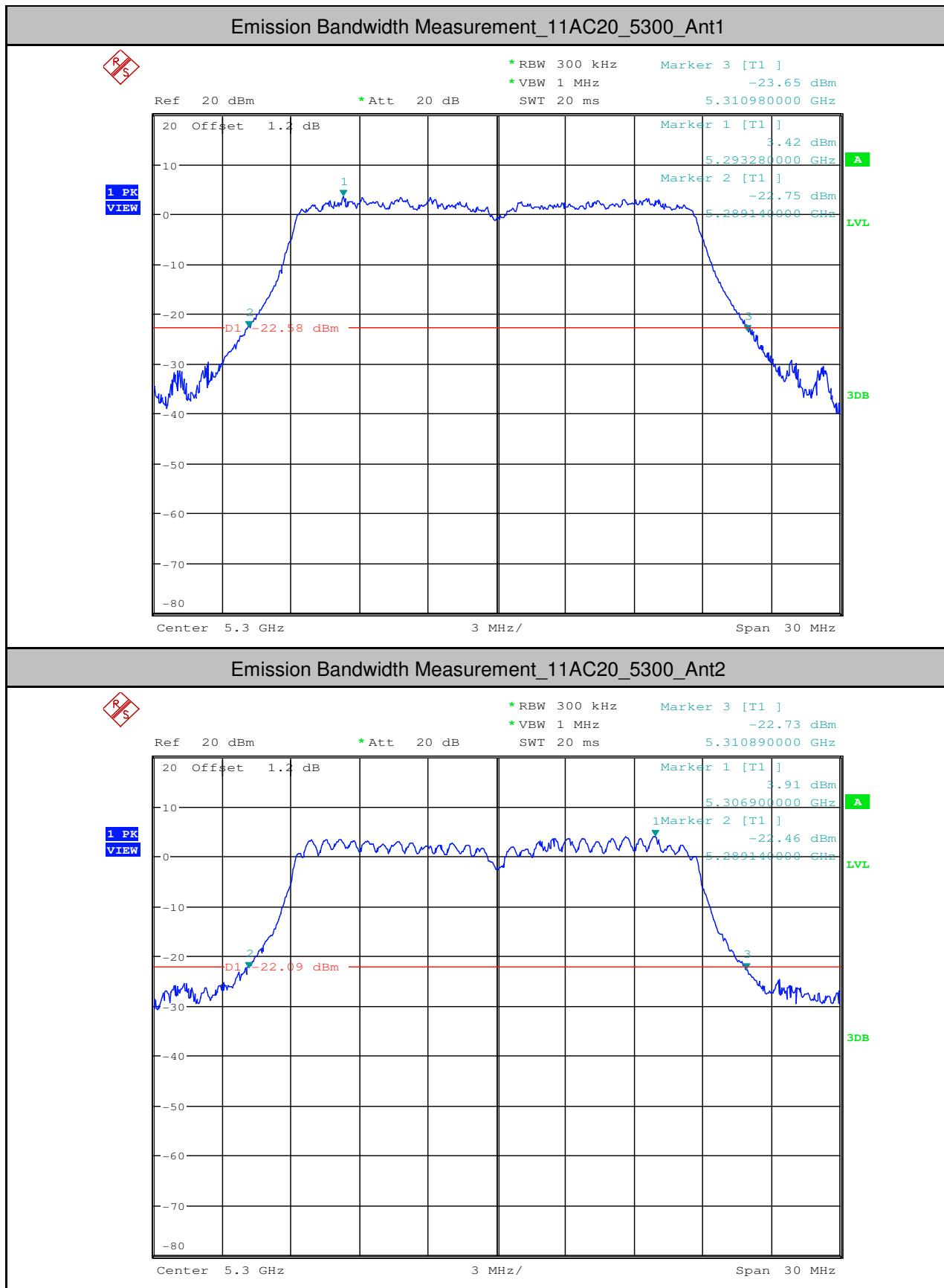


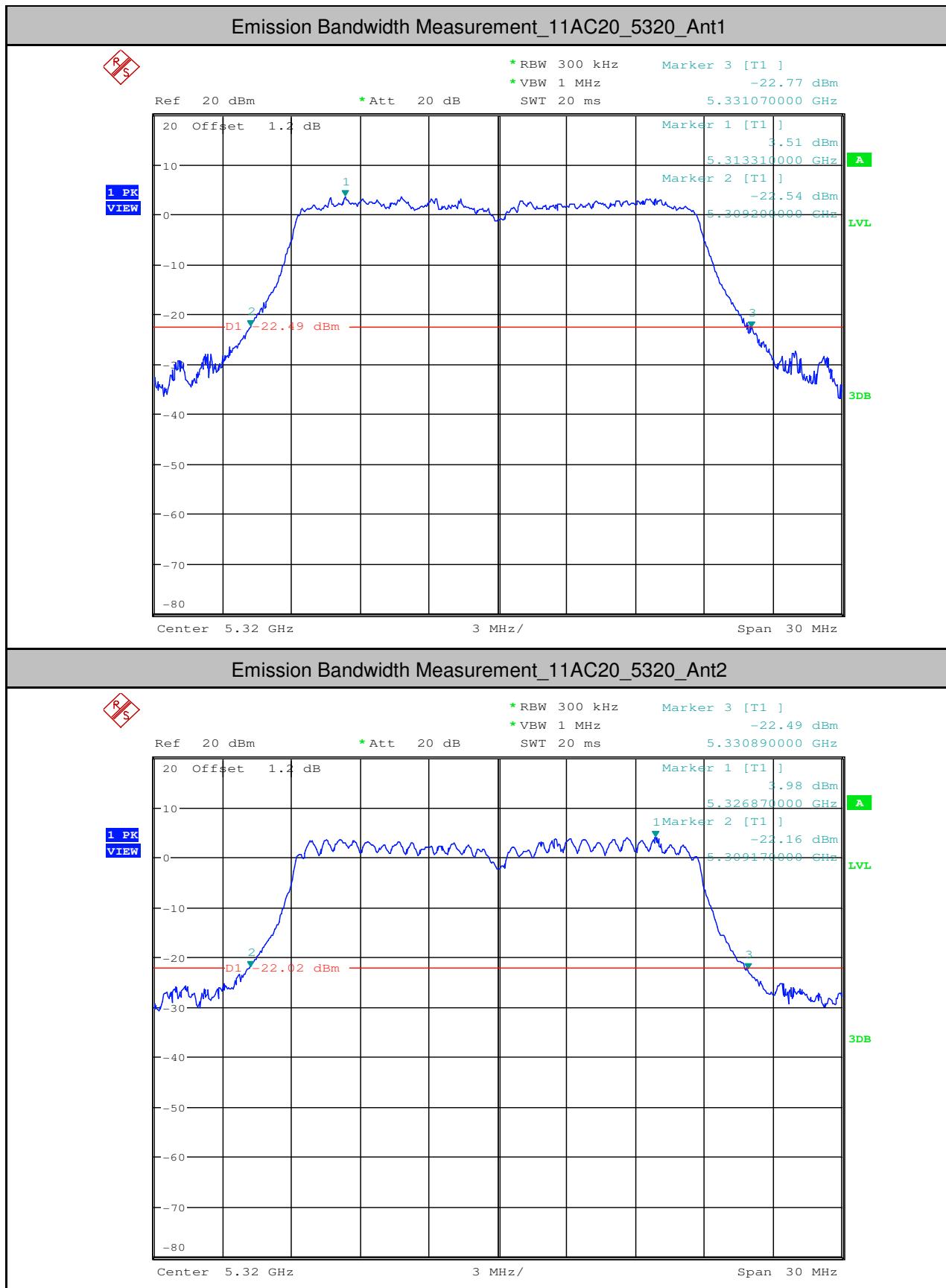


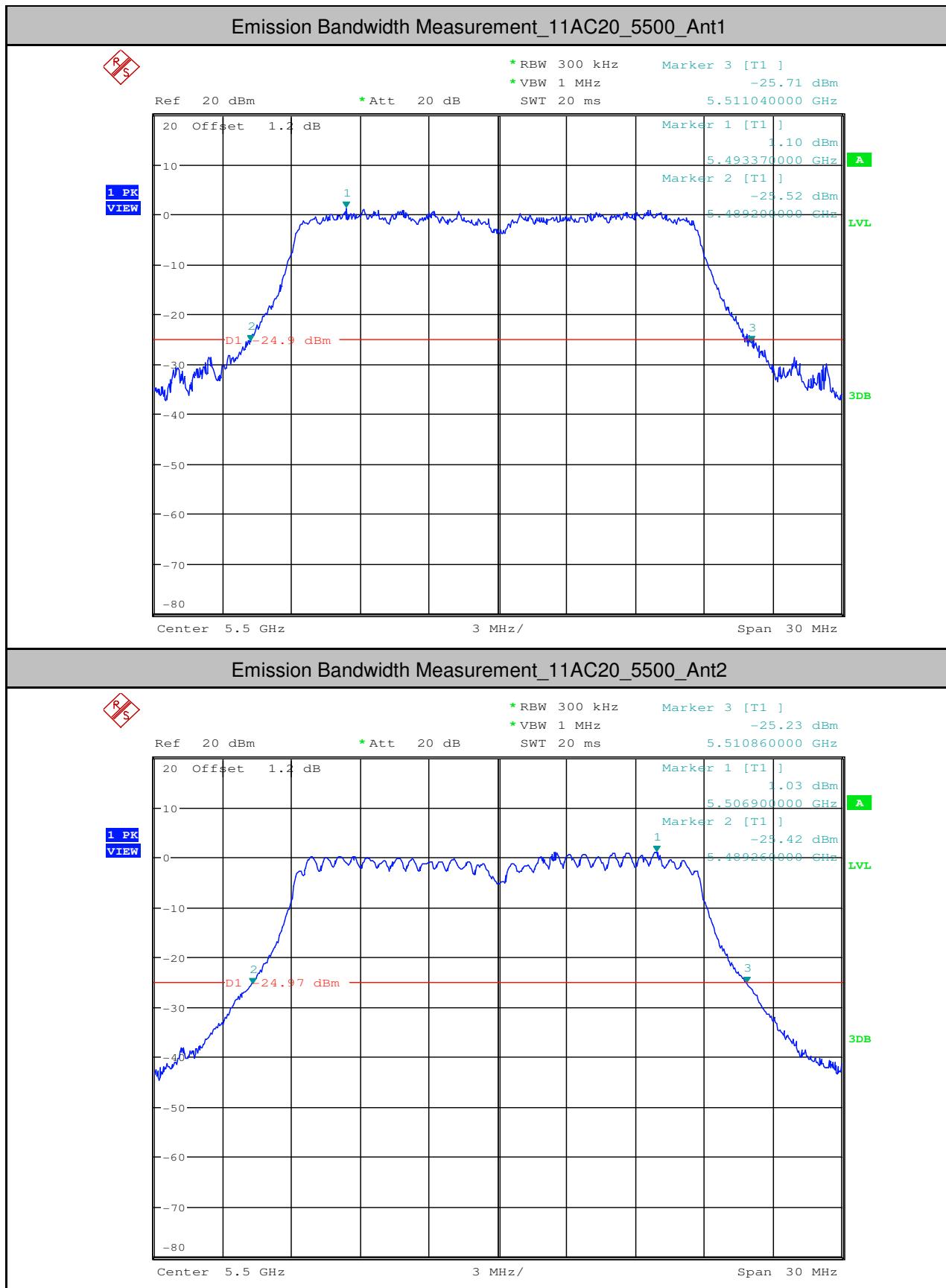


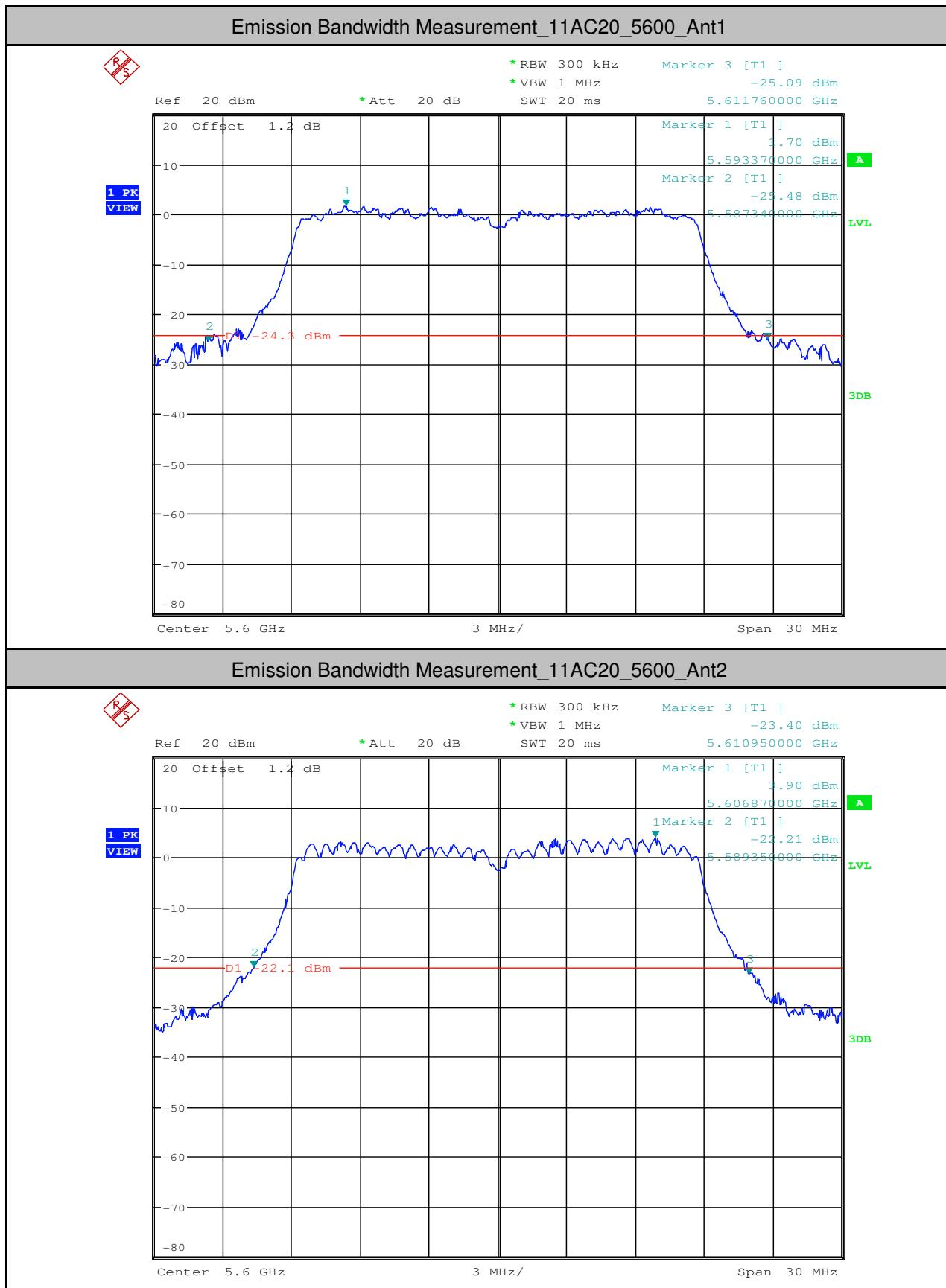


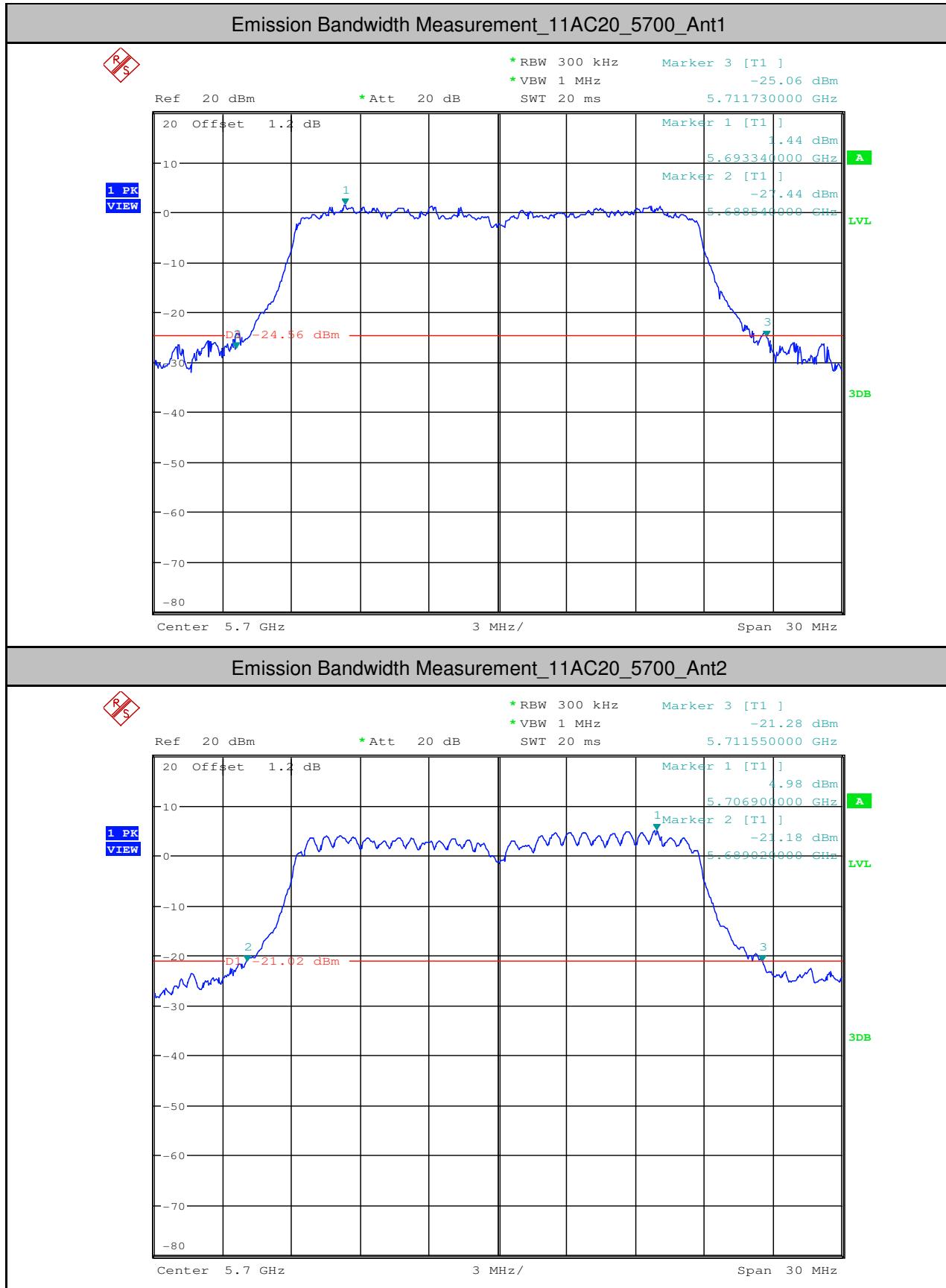


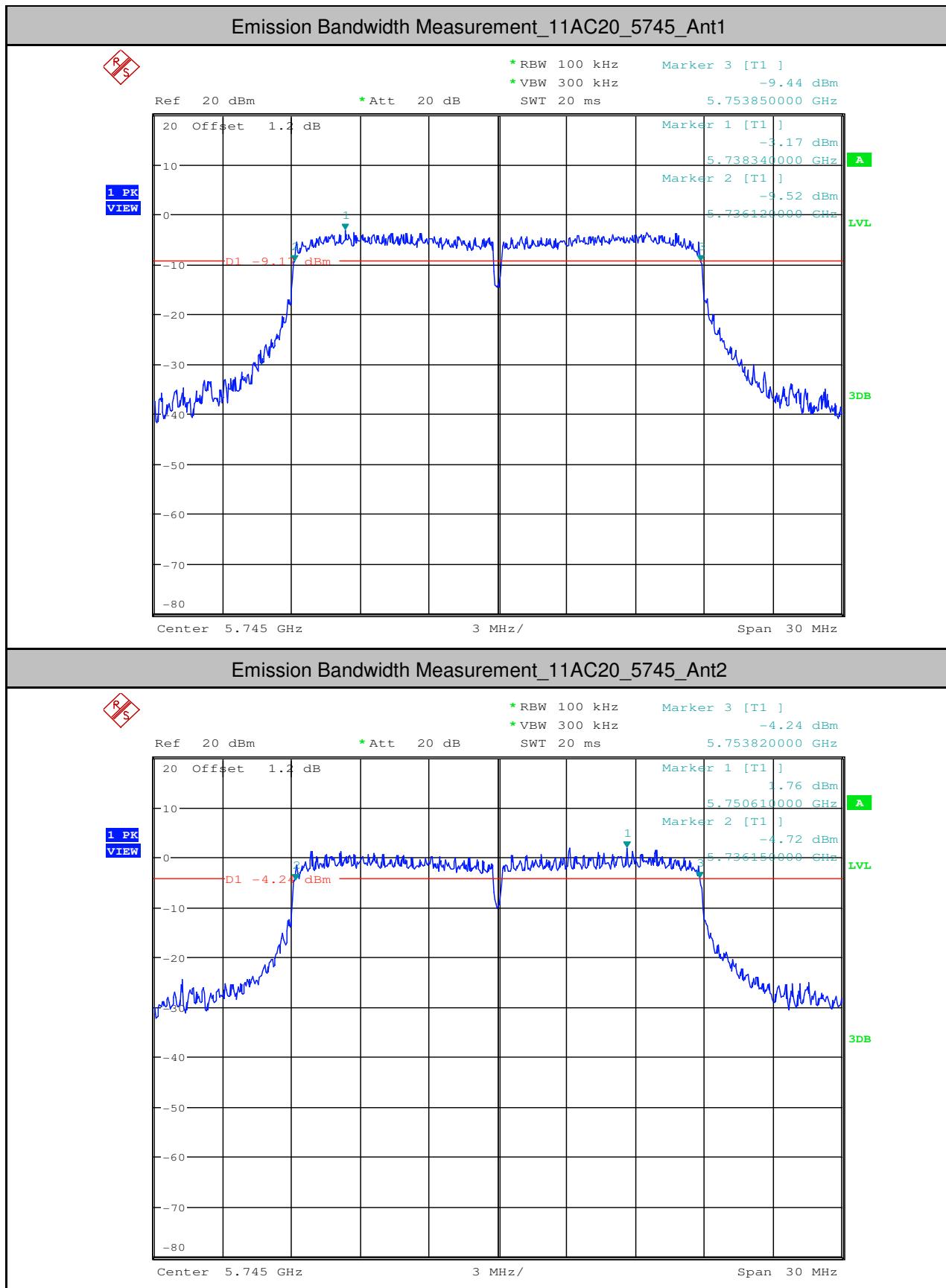


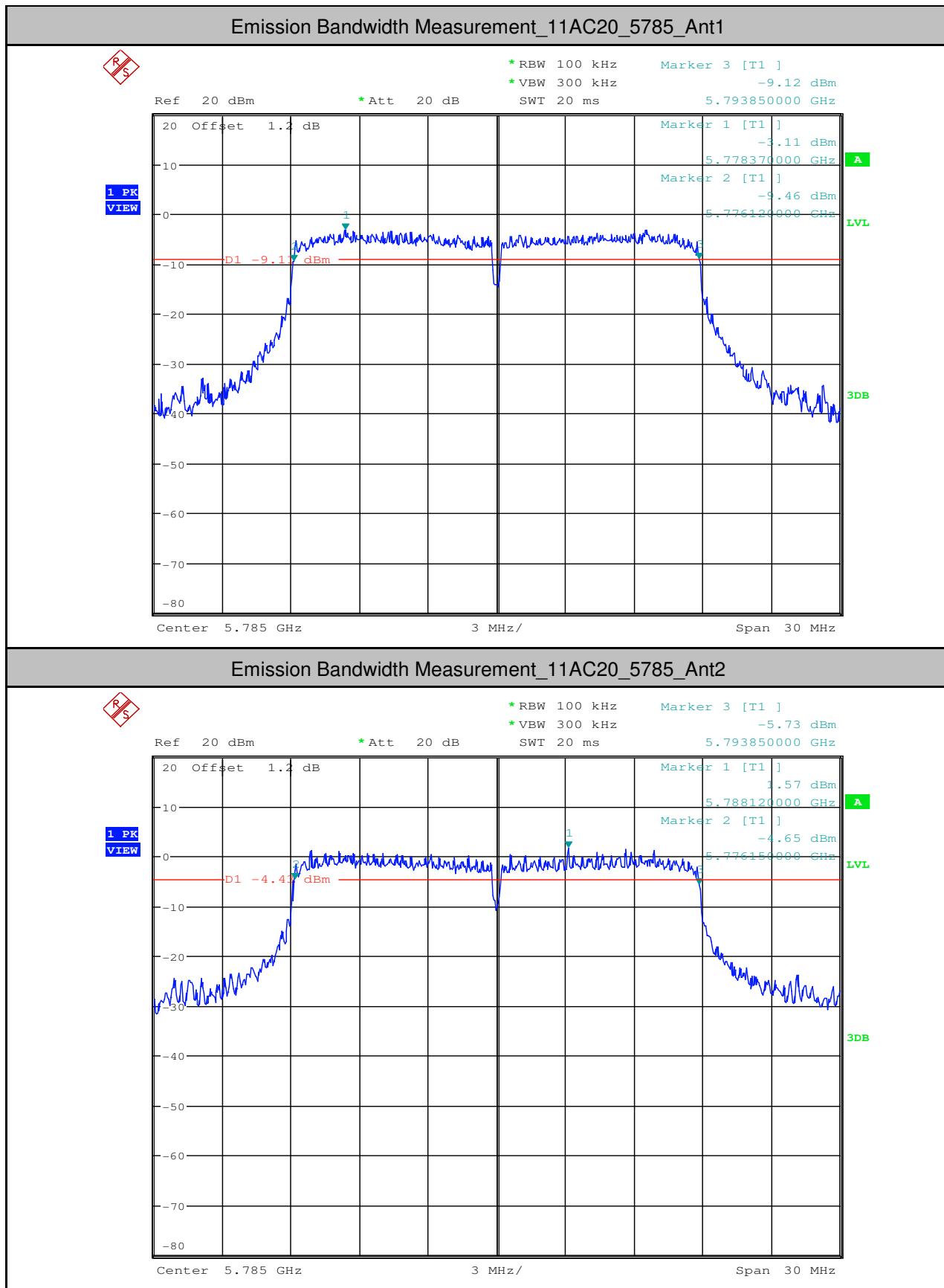


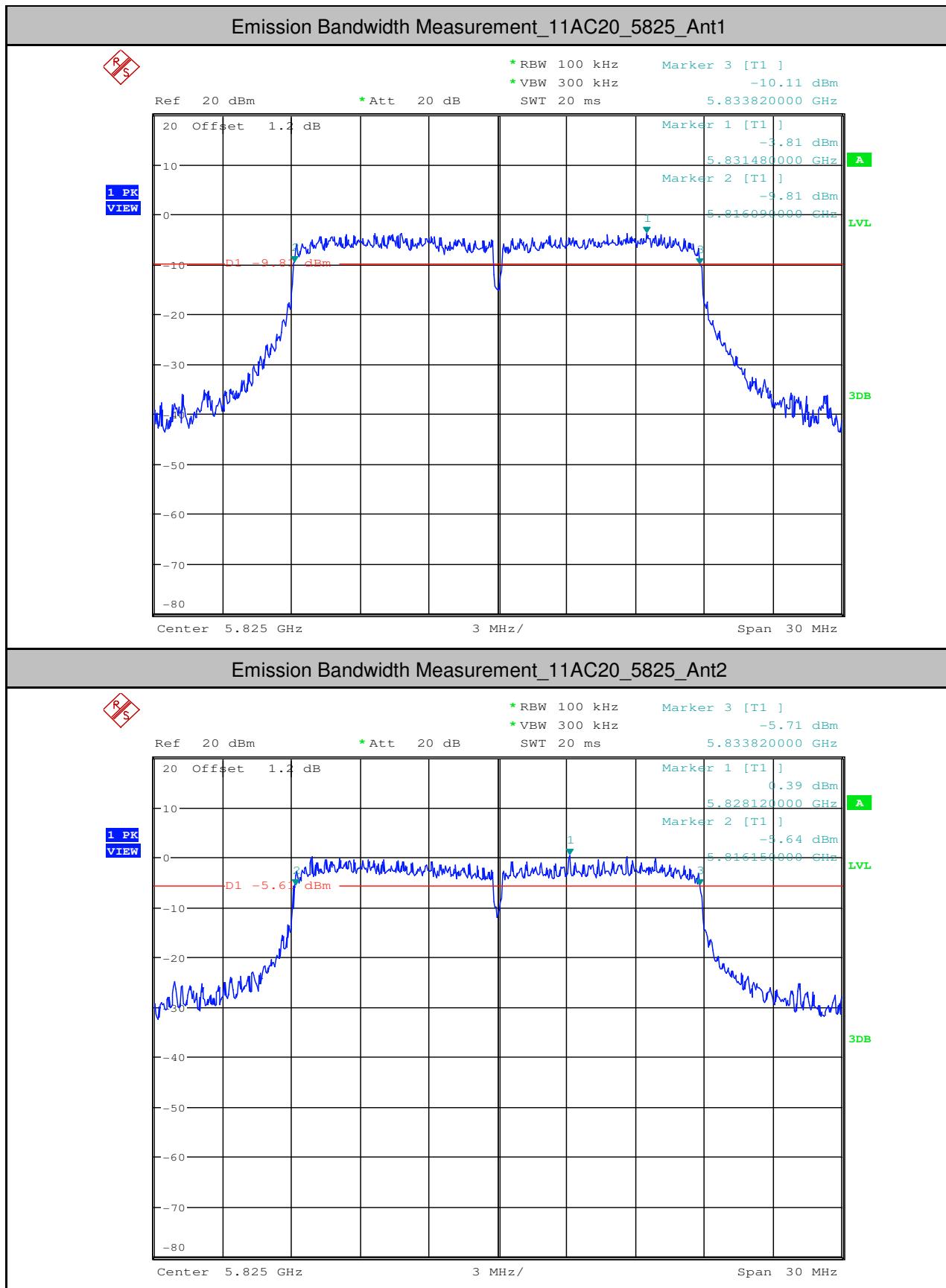


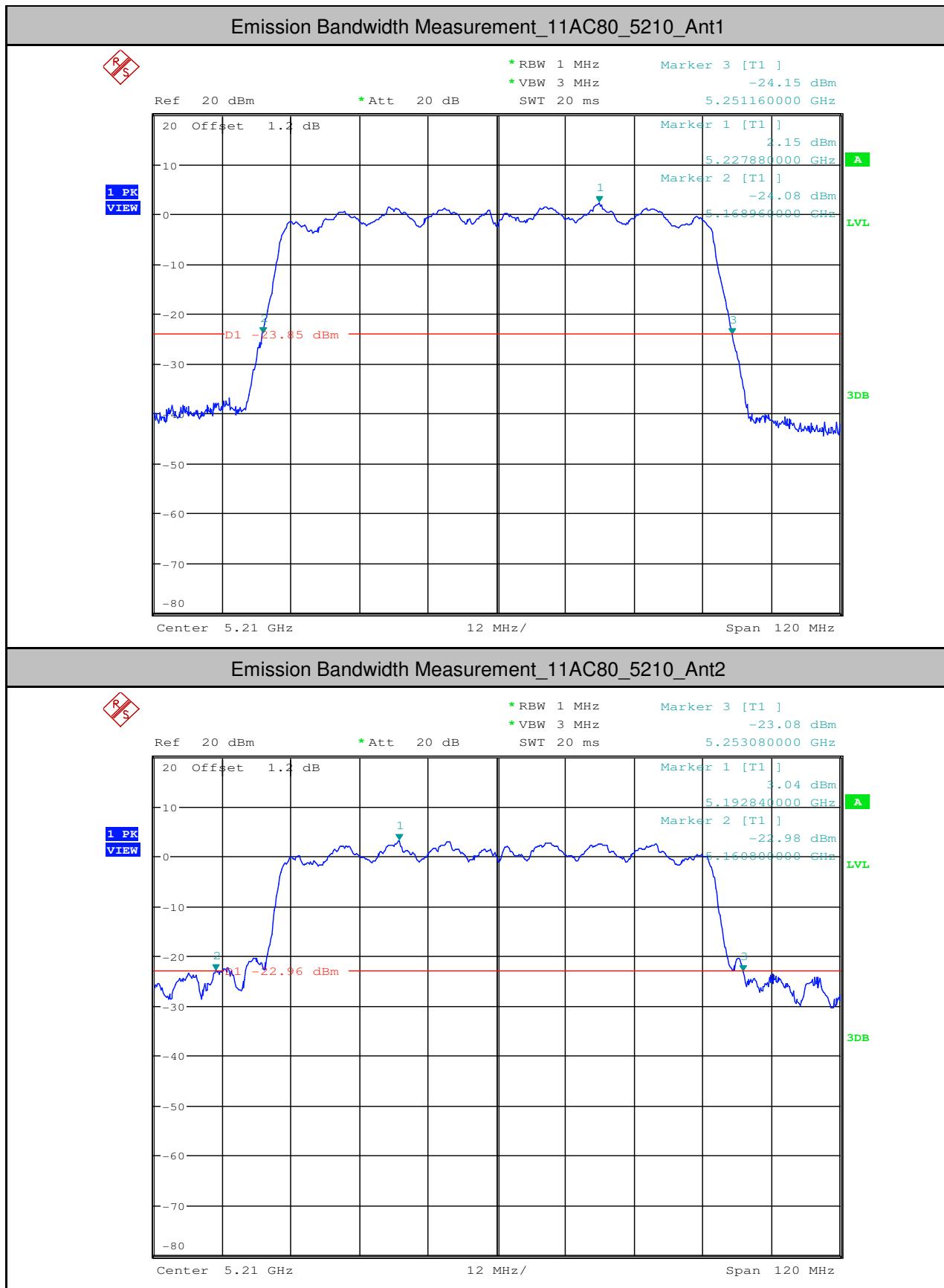


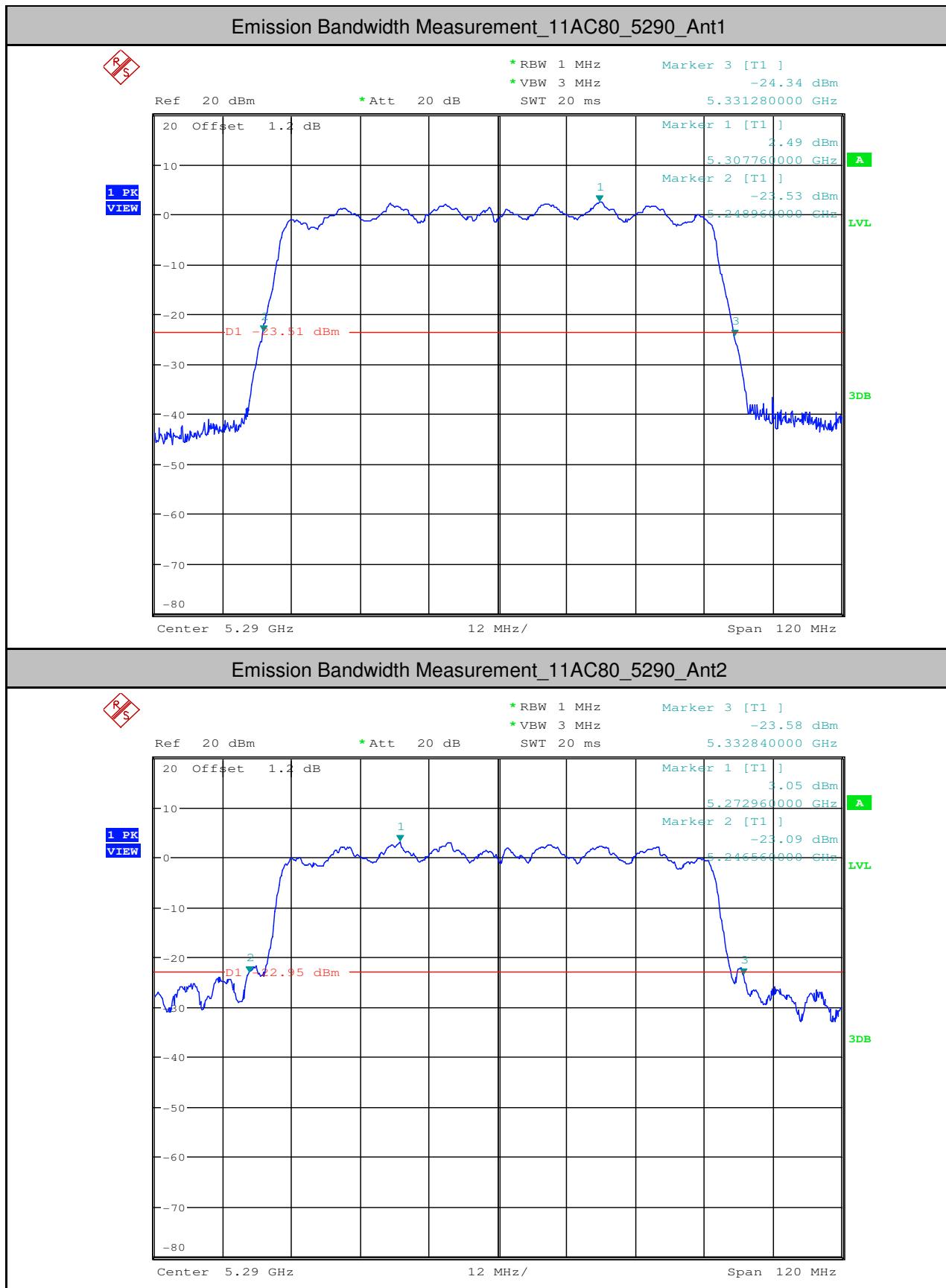


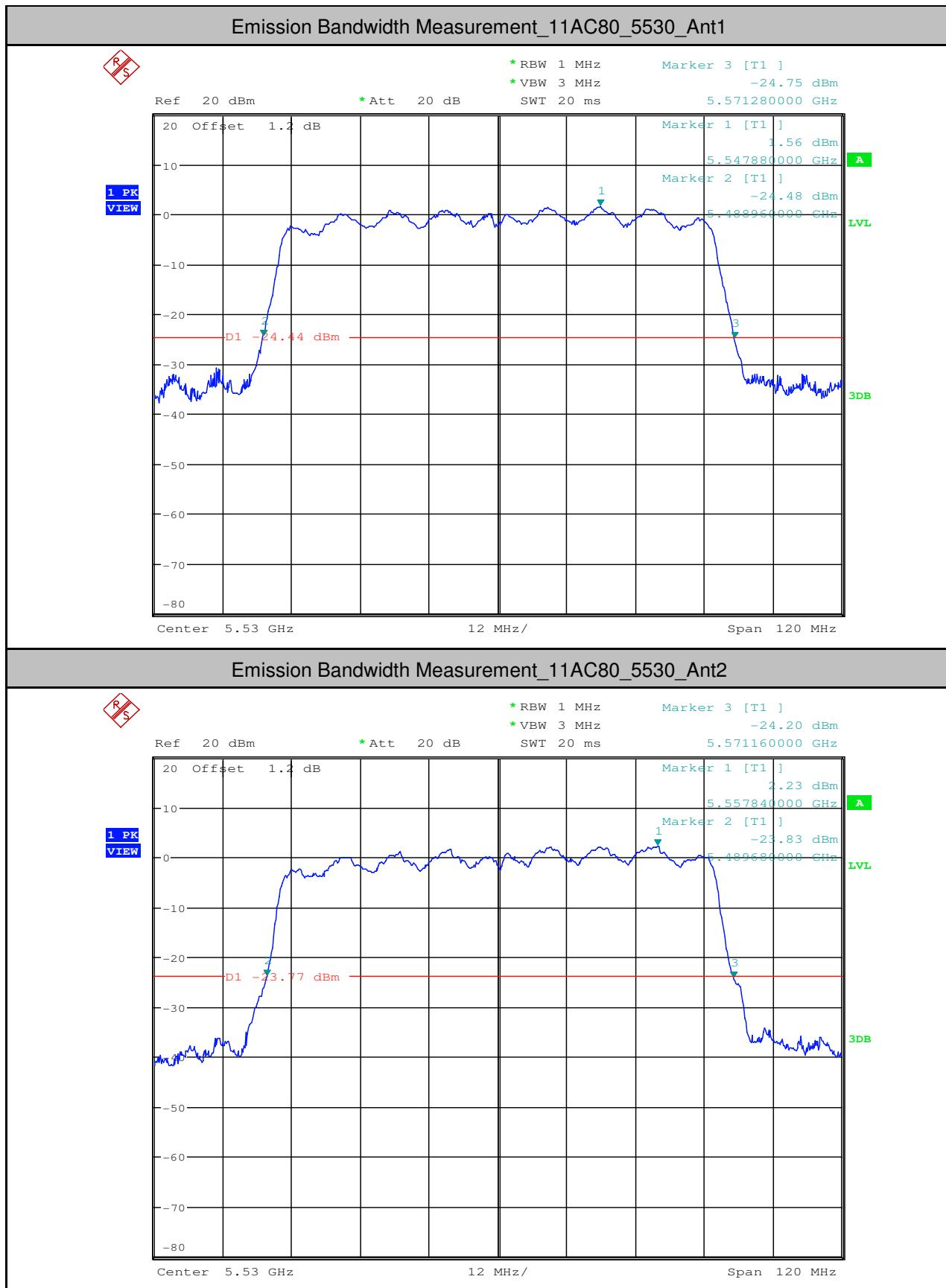


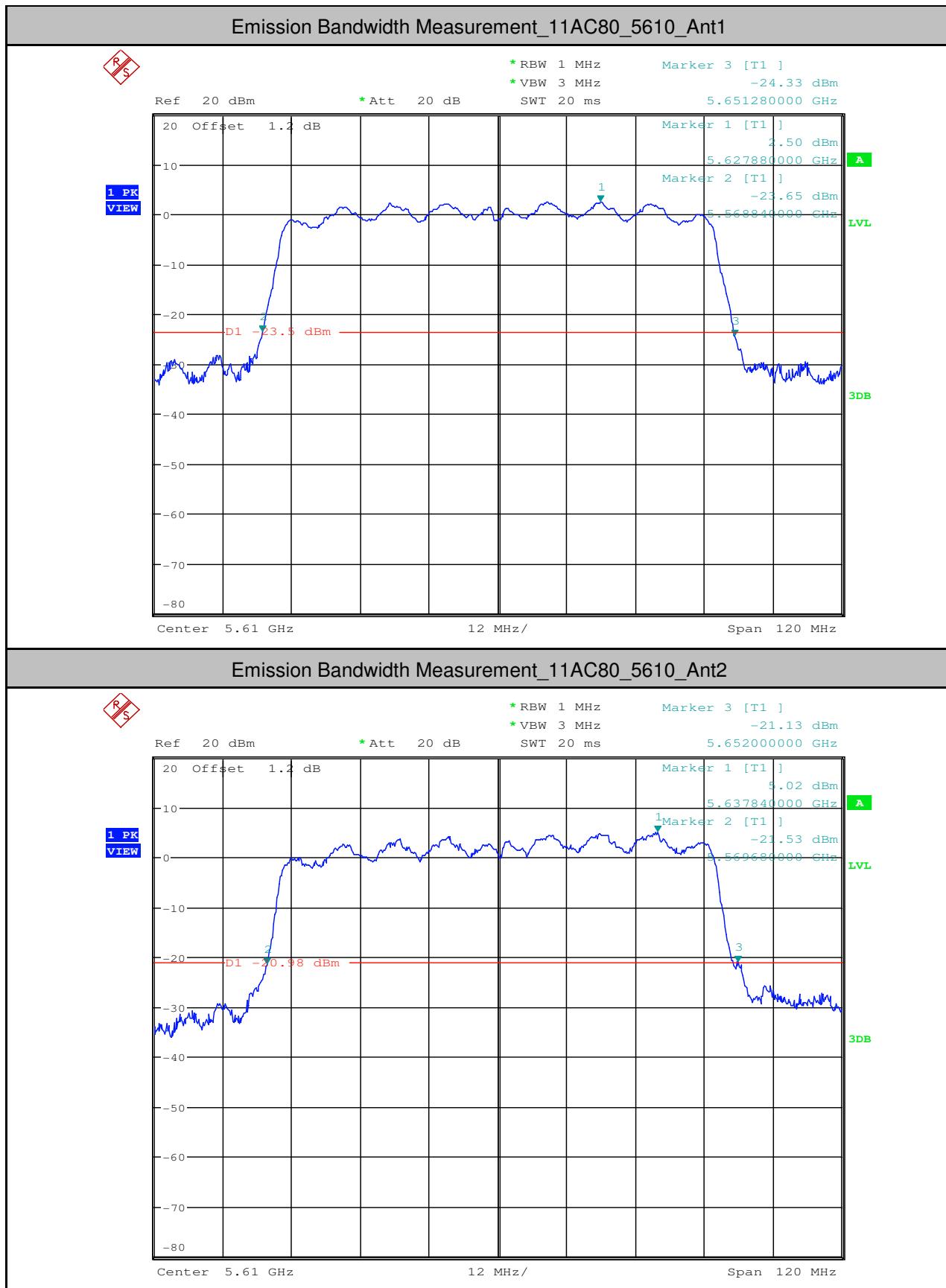


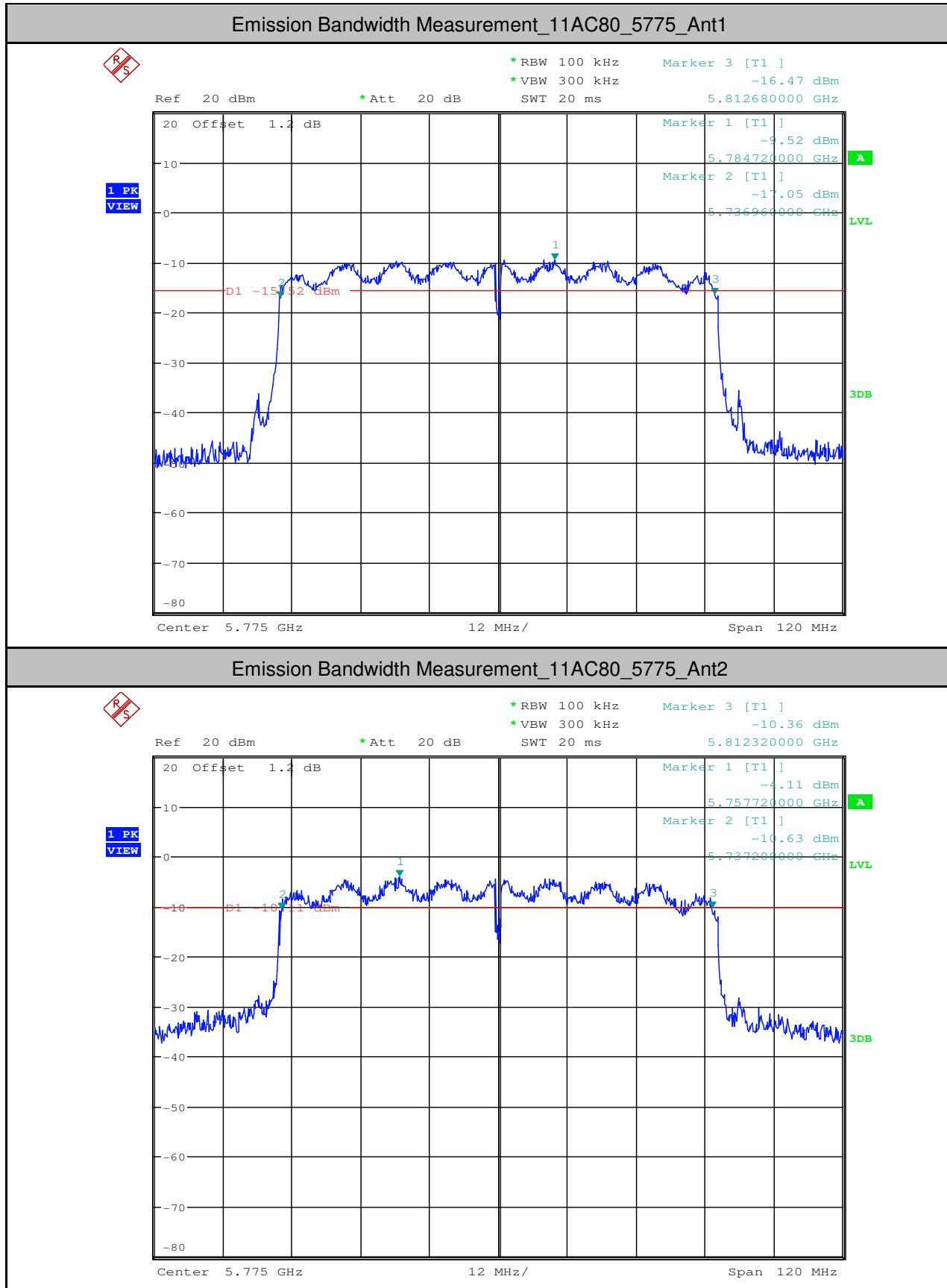


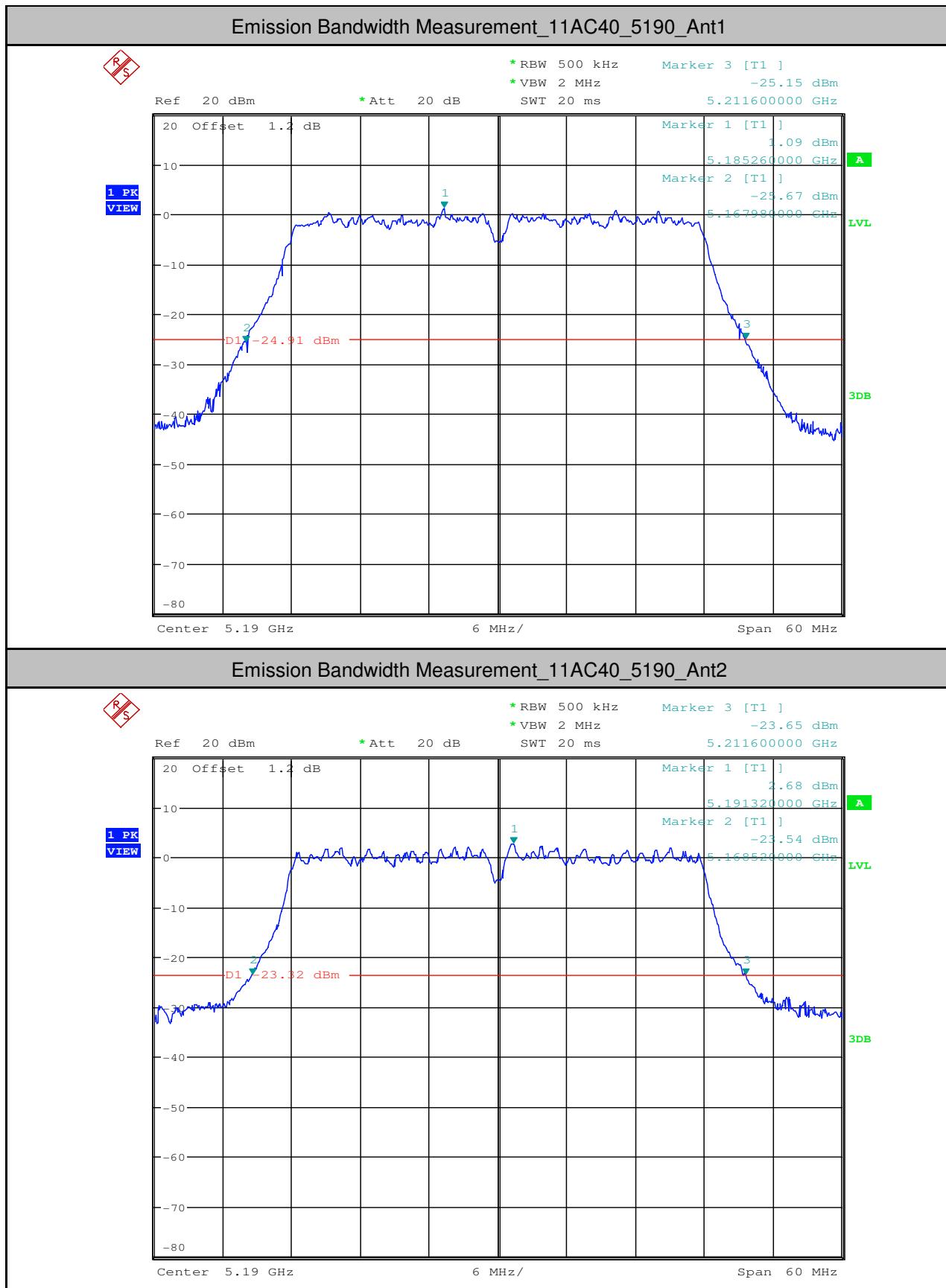


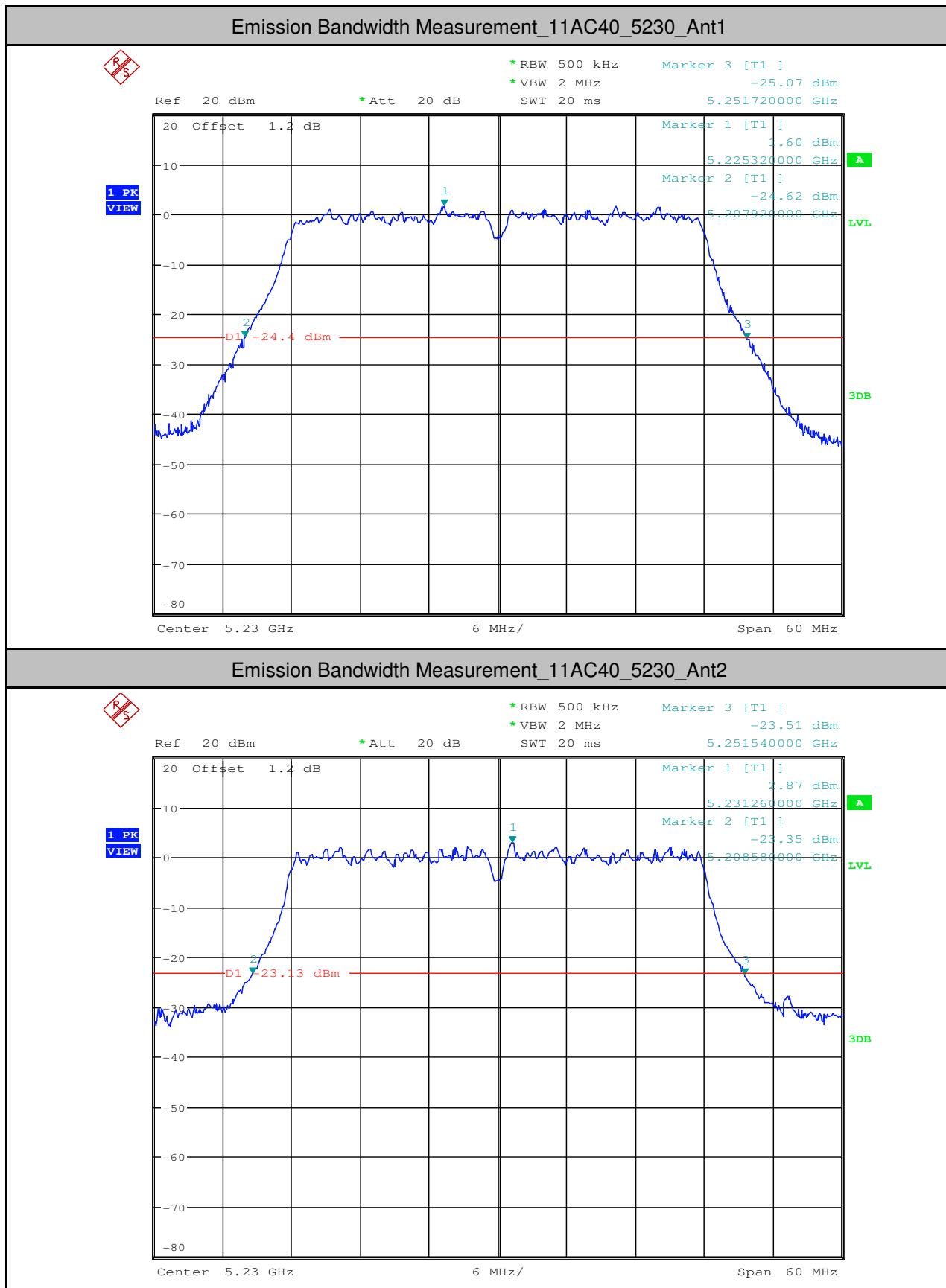


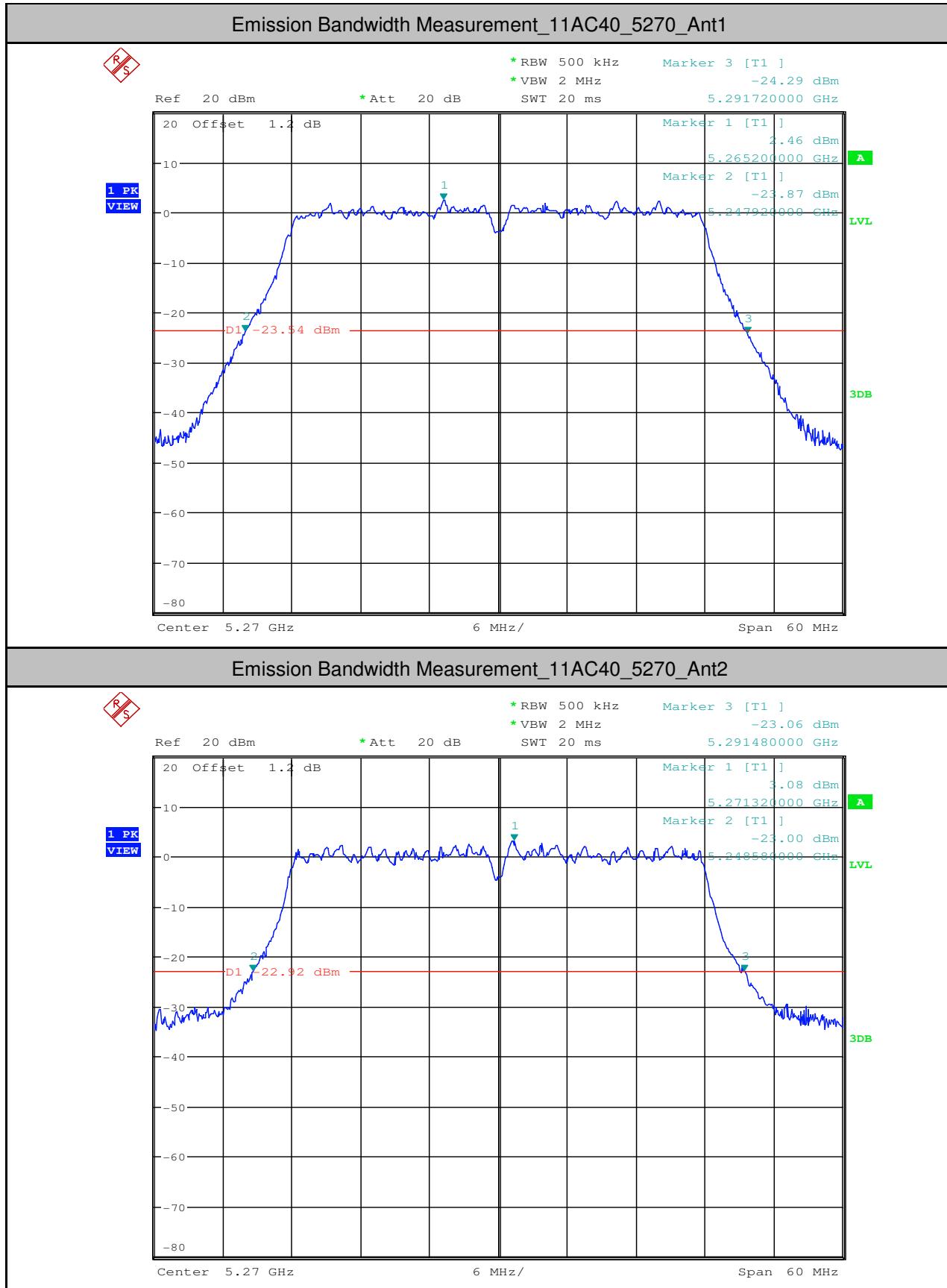


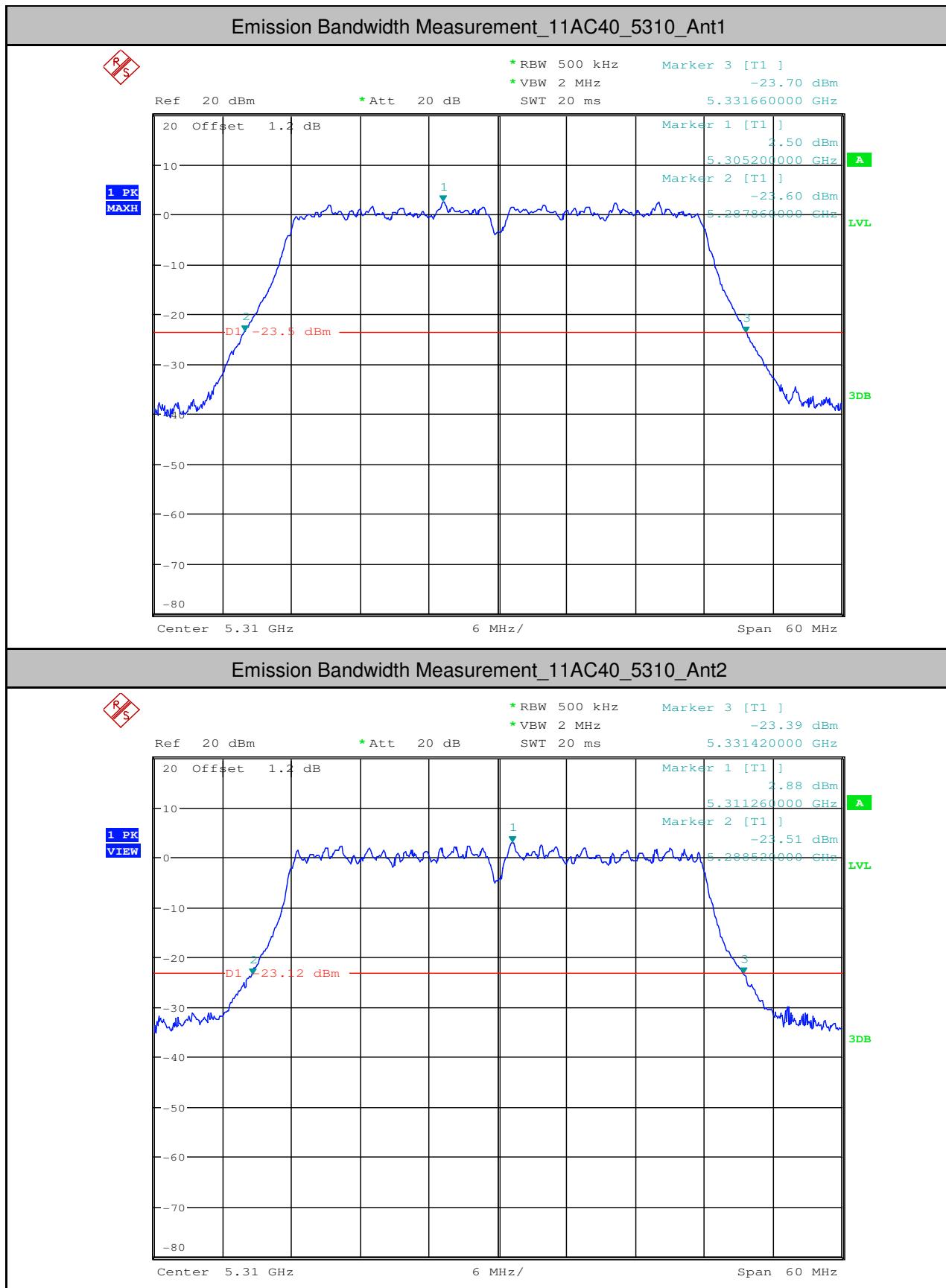


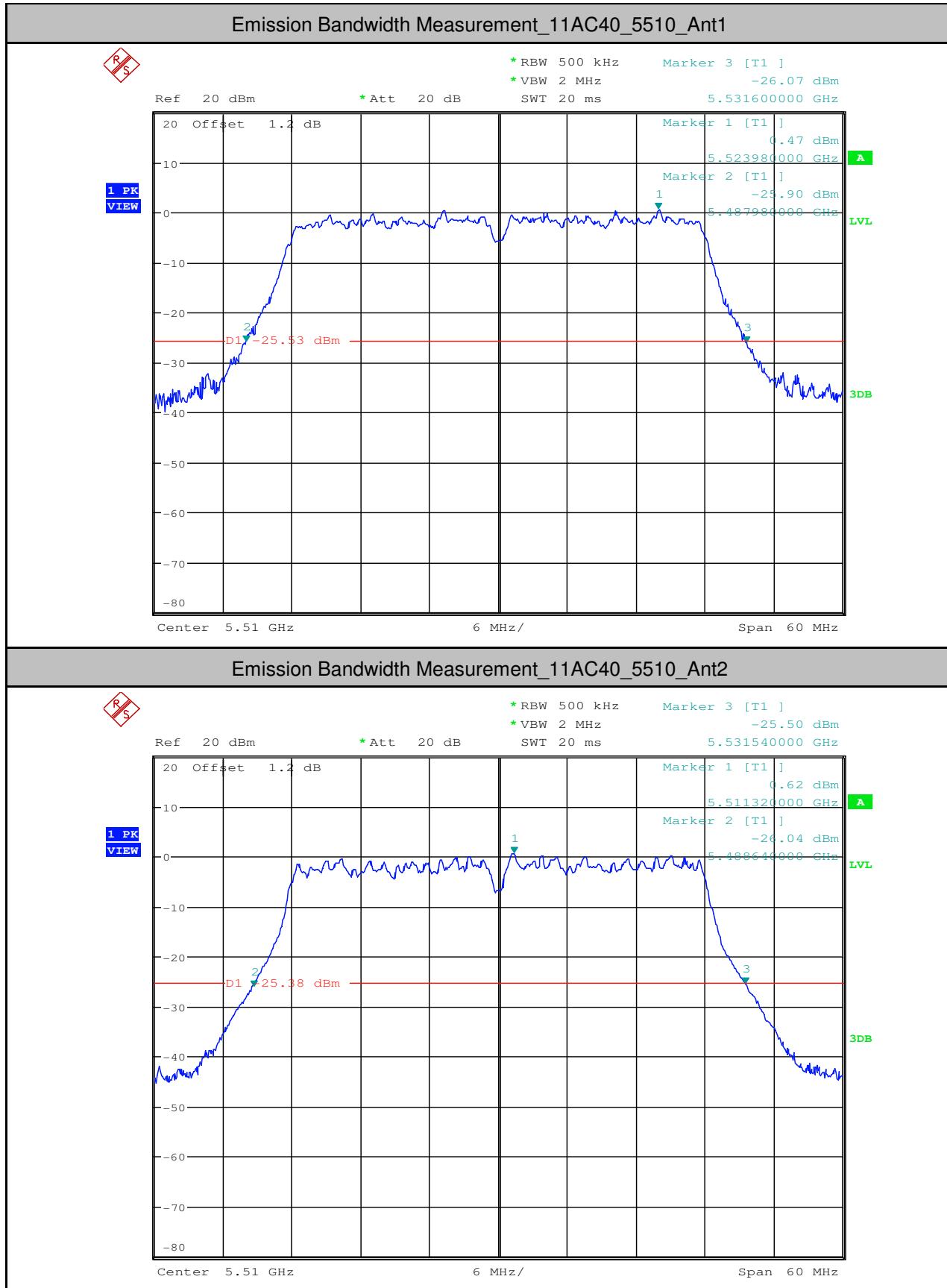


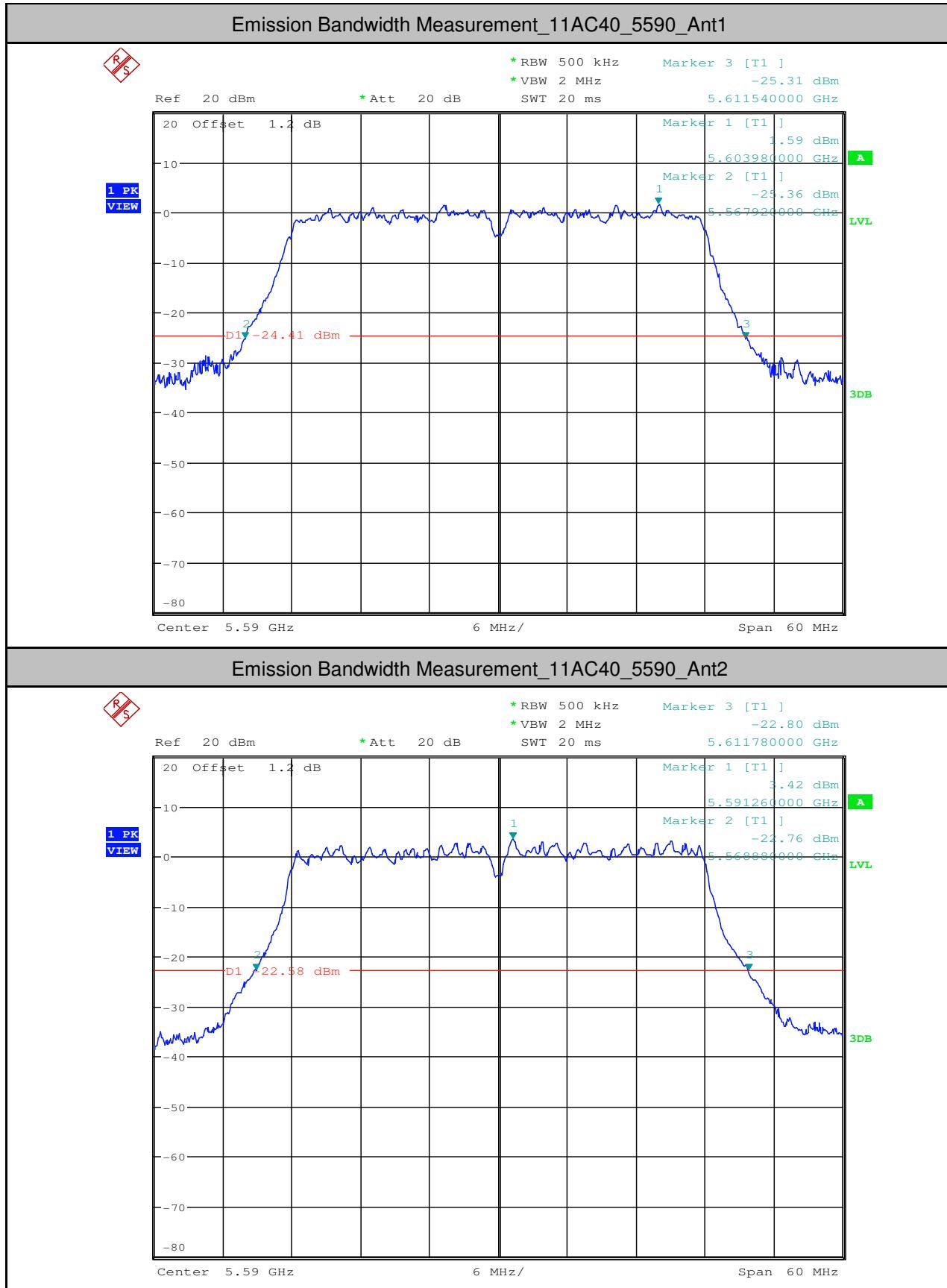


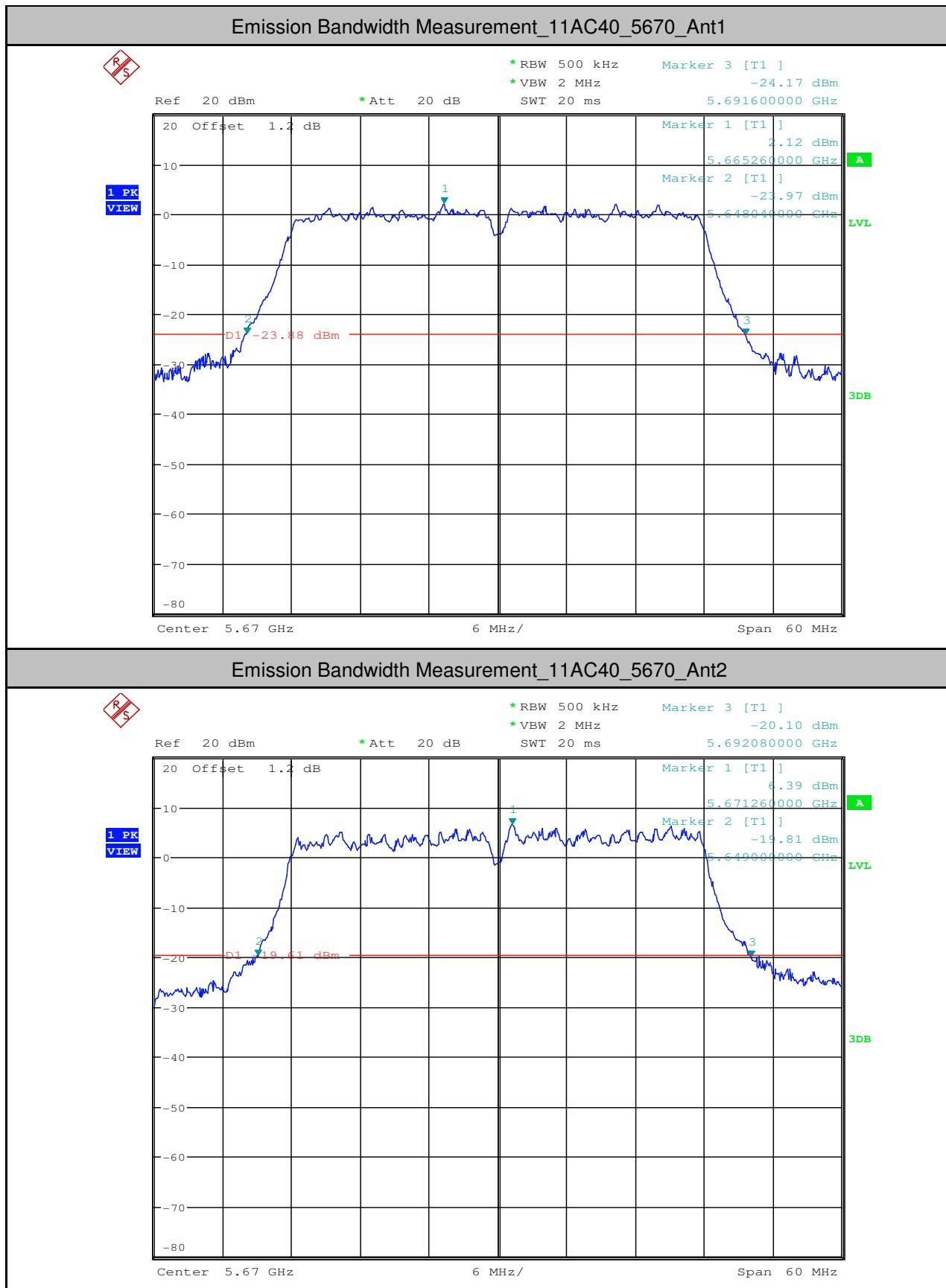


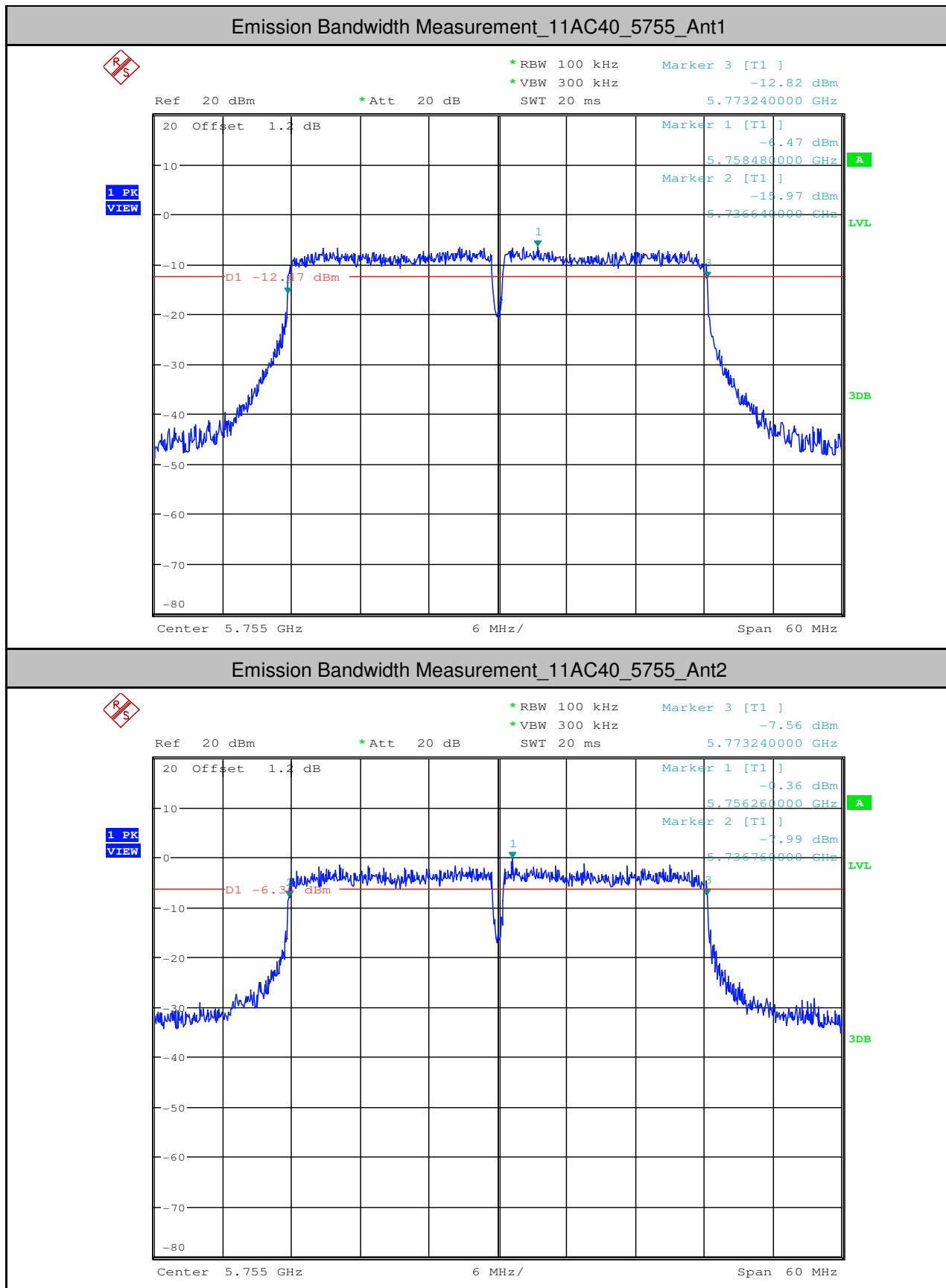


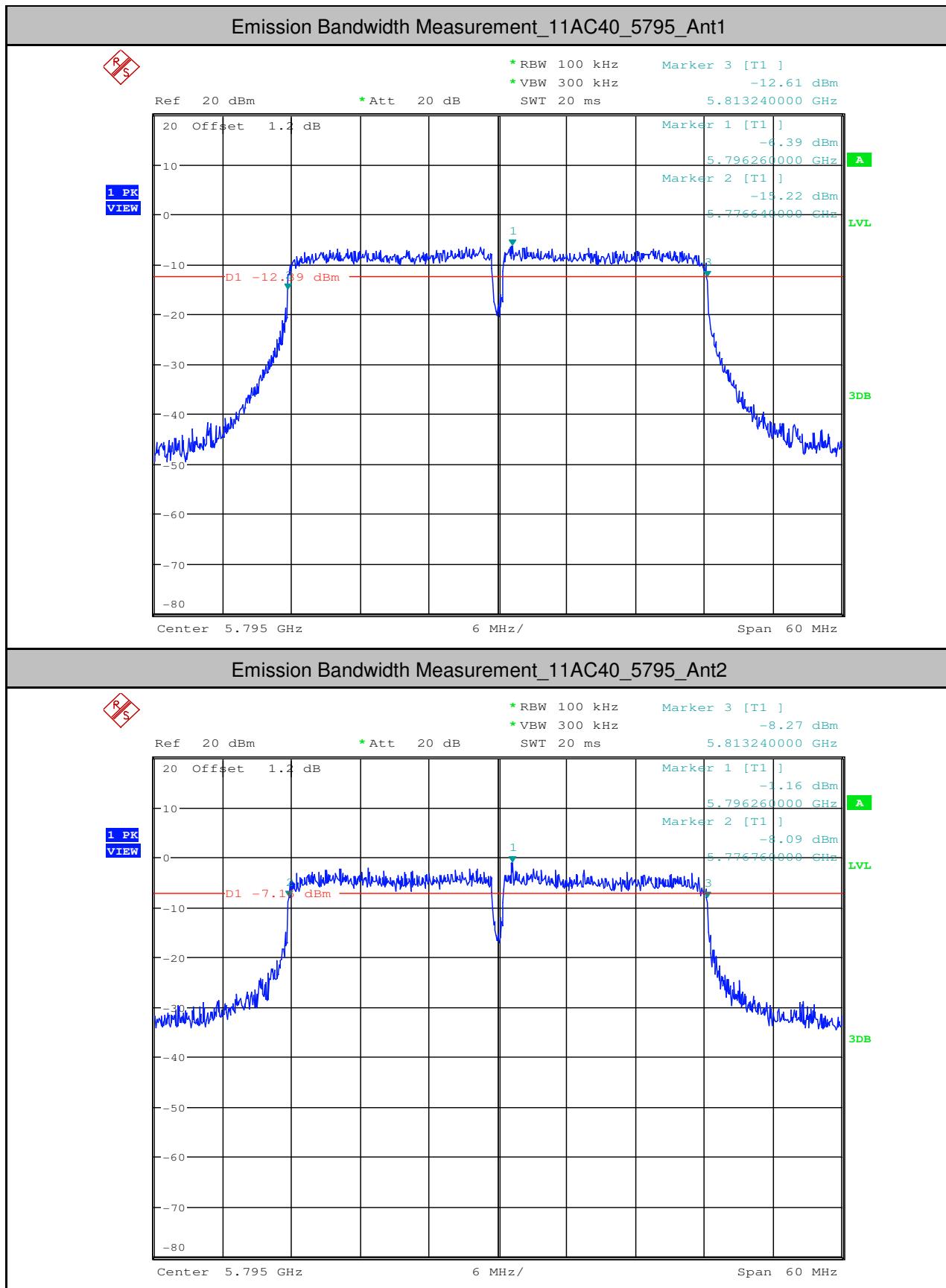












## 2.Occupied Bandwidth Measurement

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	17.010	---	PASS
11A	5180	Ant2	16.980	---	PASS
11A	5220	Ant1	16.800	---	PASS
11A	5220	Ant2	16.950	---	PASS
11A	5240	Ant1	16.800	---	PASS
11A	5240	Ant2	16.980	---	PASS
11A	5260	Ant1	16.980	---	PASS
11A	5260	Ant2	16.950	---	PASS
11A	5300	Ant1	16.950	---	PASS
11A	5300	Ant2	16.920	---	PASS
11A	5320	Ant1	16.980	---	PASS
11A	5320	Ant2	16.920	---	PASS
11A	5500	Ant1	16.950	---	PASS
11A	5500	Ant2	16.830	---	PASS
11A	5600	Ant1	17.070	---	PASS
11A	5600	Ant2	16.890	---	PASS
11A	5700	Ant1	17.130	---	PASS
11A	5700	Ant2	17.250	---	PASS
11A	5745	Ant1	17.160	---	PASS
11A	5745	Ant2	17.190	---	PASS
11A	5785	Ant1	17.130	---	PASS
11A	5785	Ant2	17.250	---	PASS
11A	5825	Ant1	16.920	---	PASS
11A	5825	Ant2	17.310	---	PASS
11N20	5180	Ant1	17.910	---	PASS
11N20	5180	Ant2	18.030	---	PASS
11N20	5220	Ant1	17.910	---	PASS
11N20	5220	Ant2	18.030	---	PASS
11N20	5240	Ant1	17.910	---	PASS
11N20	5240	Ant2	18.030	---	PASS
11N20	5260	Ant1	17.910	---	PASS

11N20	5260	Ant2	18.030	---	PASS
11N20	5300	Ant1	17.910	---	PASS
11N20	5300	Ant2	18.000	---	PASS
11N20	5320	Ant1	17.940	---	PASS
11N20	5320	Ant2	18.000	---	PASS
11N20	5500	Ant1	17.910	---	PASS
11N20	5500	Ant2	17.940	---	PASS
11N20	5600	Ant1	17.970	---	PASS
11N20	5600	Ant2	17.970	---	PASS
11N20	5700	Ant1	17.970	---	PASS
11N20	5700	Ant2	18.030	---	PASS
11N20	5745	Ant1	18.000	---	PASS
11N20	5745	Ant2	18.060	---	PASS
11N20	5785	Ant1	18.000	---	PASS
11N20	5785	Ant2	18.150	---	PASS
11N20	5825	Ant1	17.940	---	PASS
11N20	5825	Ant2	18.150	---	PASS
11N40	5190	Ant1	36.660	---	PASS
11N40	5190	Ant2	36.840	---	PASS
11N40	5230	Ant1	36.660	---	PASS
11N40	5230	Ant2	36.840	---	PASS
11N40	5270	Ant1	36.720	---	PASS
11N40	5270	Ant2	36.780	---	PASS
11N40	5310	Ant1	36.660	---	PASS
11N40	5310	Ant2	36.780	---	PASS
11N40	5510	Ant1	36.720	---	PASS
11N40	5510	Ant2	36.720	---	PASS
11N40	5590	Ant1	36.720	---	PASS
11N40	5590	Ant2	36.780	---	PASS
11N40	5670	Ant1	36.720	---	PASS
11N40	5670	Ant2	36.840	---	PASS
11N40	5755	Ant1	36.660	---	PASS
11N40	5755	Ant2	37.020	---	PASS
11N40	5795	Ant1	36.720	---	PASS

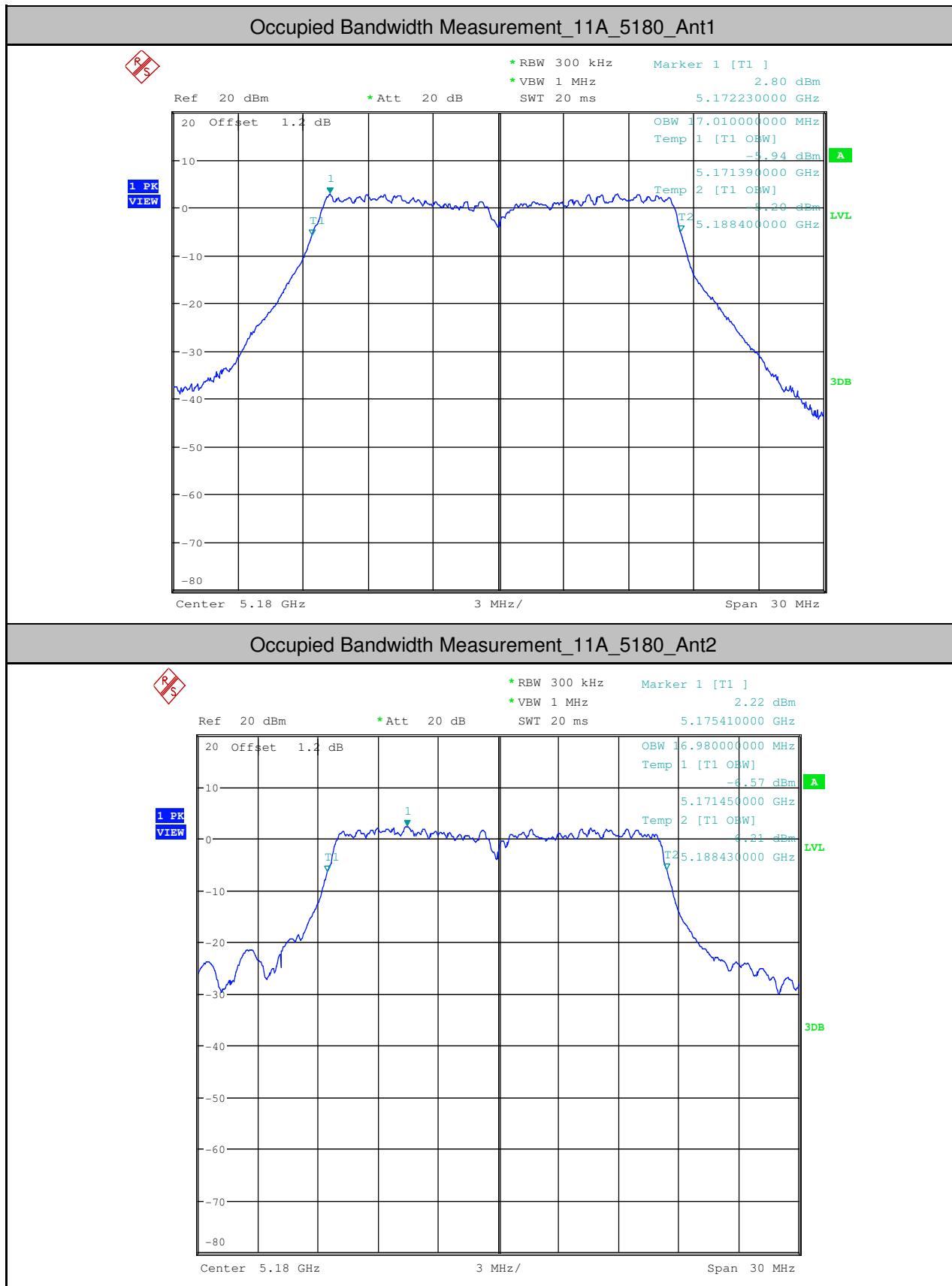
11N40	5795	Ant2	37.020	---	PASS
11AC20	5180	Ant1	17.940	---	PASS
11AC20	5180	Ant2	17.820	---	PASS
11AC20	5220	Ant1	17.970	---	PASS
11AC20	5220	Ant2	17.820	---	PASS
11AC20	5240	Ant1	17.910	---	PASS
11AC20	5240	Ant2	17.820	---	PASS
11AC20	5260	Ant1	17.940	---	PASS
11AC20	5260	Ant2	17.820	---	PASS
11AC20	5300	Ant1	17.910	---	PASS
11AC20	5300	Ant2	17.820	---	PASS
11AC20	5320	Ant1	17.910	---	PASS
11AC20	5320	Ant2	17.820	---	PASS
11AC20	5500	Ant1	17.910	---	PASS
11AC20	5500	Ant2	17.820	---	PASS
11AC20	5600	Ant1	17.940	---	PASS
11AC20	5600	Ant2	17.820	---	PASS
11AC20	5700	Ant1	17.910	---	PASS
11AC20	5700	Ant2	17.820	---	PASS
11AC20	5745	Ant1	17.880	---	PASS
11AC20	5745	Ant2	17.850	---	PASS
11AC20	5785	Ant1	17.910	---	PASS
11AC20	5785	Ant2	17.880	---	PASS
11AC20	5825	Ant1	17.910	---	PASS
11AC20	5825	Ant2	17.880	---	PASS
11AC80	5210	Ant1	75.120	---	PASS
11AC80	5210	Ant2	75.360	---	PASS
11AC80	5290	Ant1	75.000	---	PASS
11AC80	5290	Ant2	75.120	---	PASS
11AC80	5530	Ant1	75.120	---	PASS
11AC80	5530	Ant2	75.120	---	PASS
11AC80	5610	Ant1	75.000	---	PASS
11AC80	5610	Ant2	75.000	---	PASS
11AC80	5775	Ant1	75.000	---	PASS

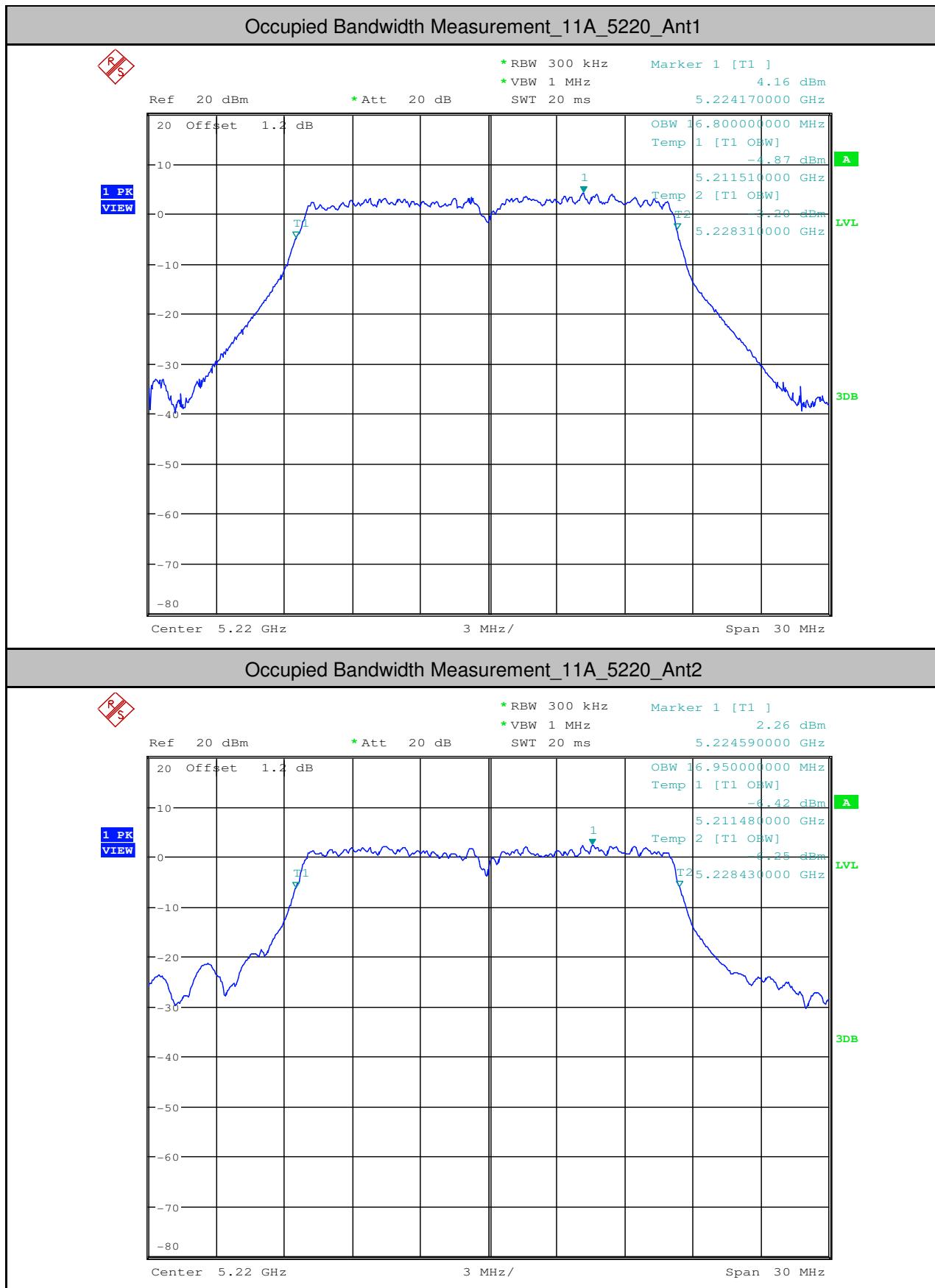


**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

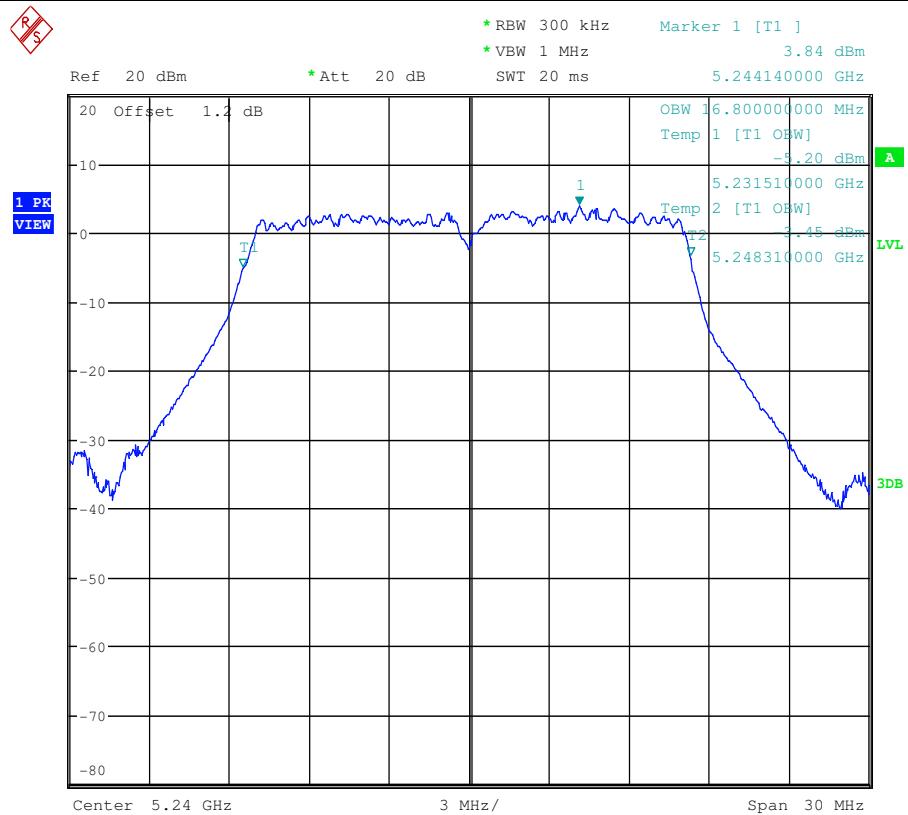
Report No.: SZEM180300232405  
Page: 381 of 636

11AC80	5775	Ant2	75.360	---	PASS
11AC40	5190	Ant1	36.660	---	PASS
11AC40	5190	Ant2	36.420	---	PASS
11AC40	5230	Ant1	36.720	---	PASS
11AC40	5230	Ant2	36.420	---	PASS
11AC40	5270	Ant1	36.660	---	PASS
11AC40	5270	Ant2	36.420	---	PASS
11AC40	5310	Ant1	36.780	---	PASS
11AC40	5310	Ant2	36.360	---	PASS
11AC40	5510	Ant1	36.780	---	PASS
11AC40	5510	Ant2	36.420	---	PASS
11AC40	5590	Ant1	36.780	---	PASS
11AC40	5590	Ant2	36.420	---	PASS
11AC40	5670	Ant1	36.780	---	PASS
11AC40	5670	Ant2	36.480	---	PASS
11AC40	5755	Ant1	36.840	---	PASS
11AC40	5755	Ant2	36.420	---	PASS
11AC40	5795	Ant1	36.720	---	PASS
11AC40	5795	Ant2	36.480	---	PASS

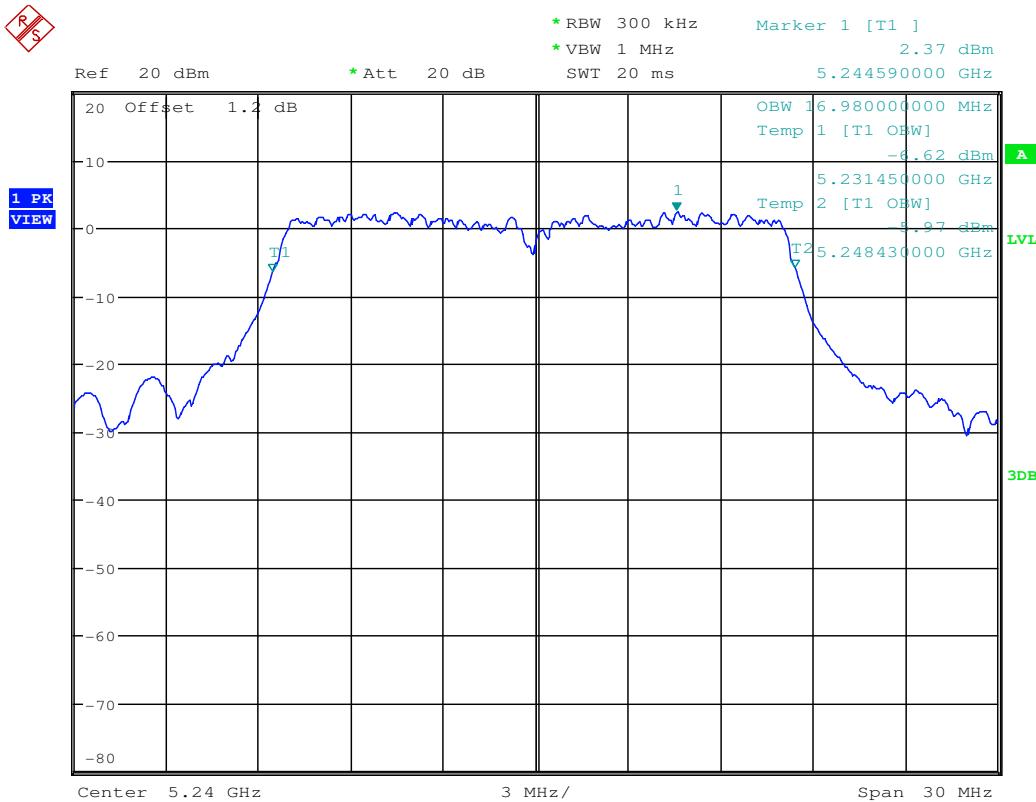


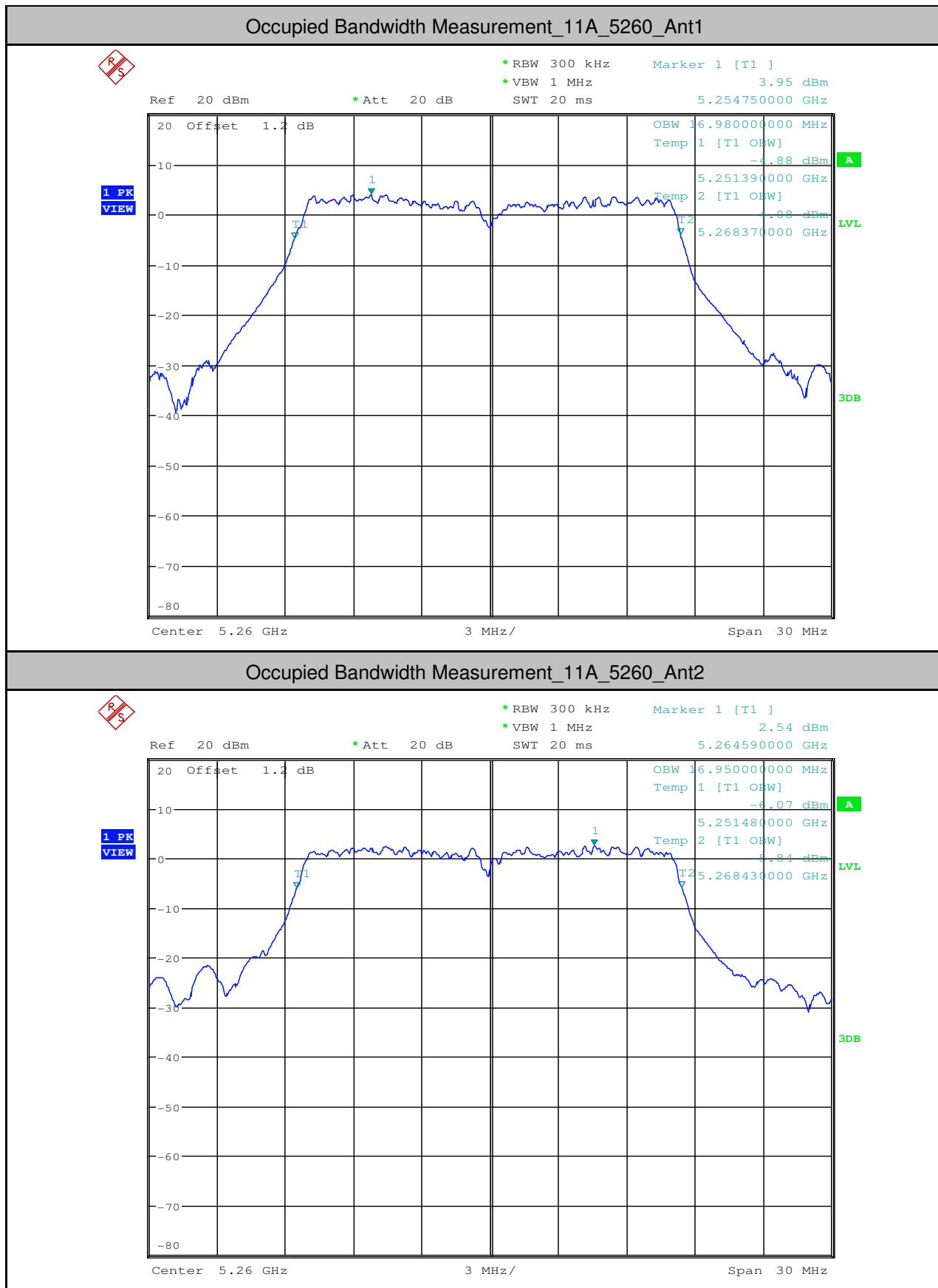


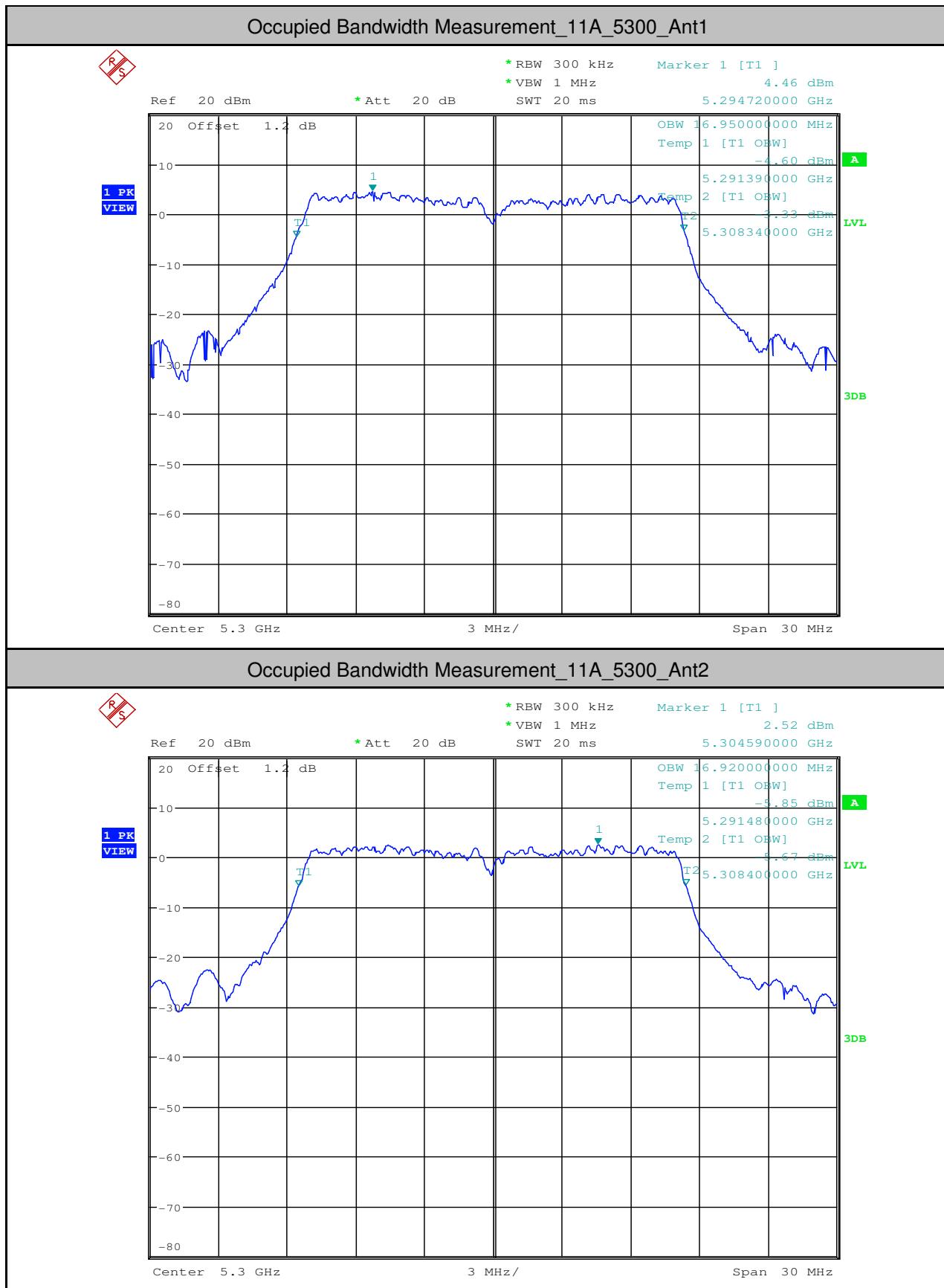
## Occupied Bandwidth Measurement\_11A\_5240\_Ant1

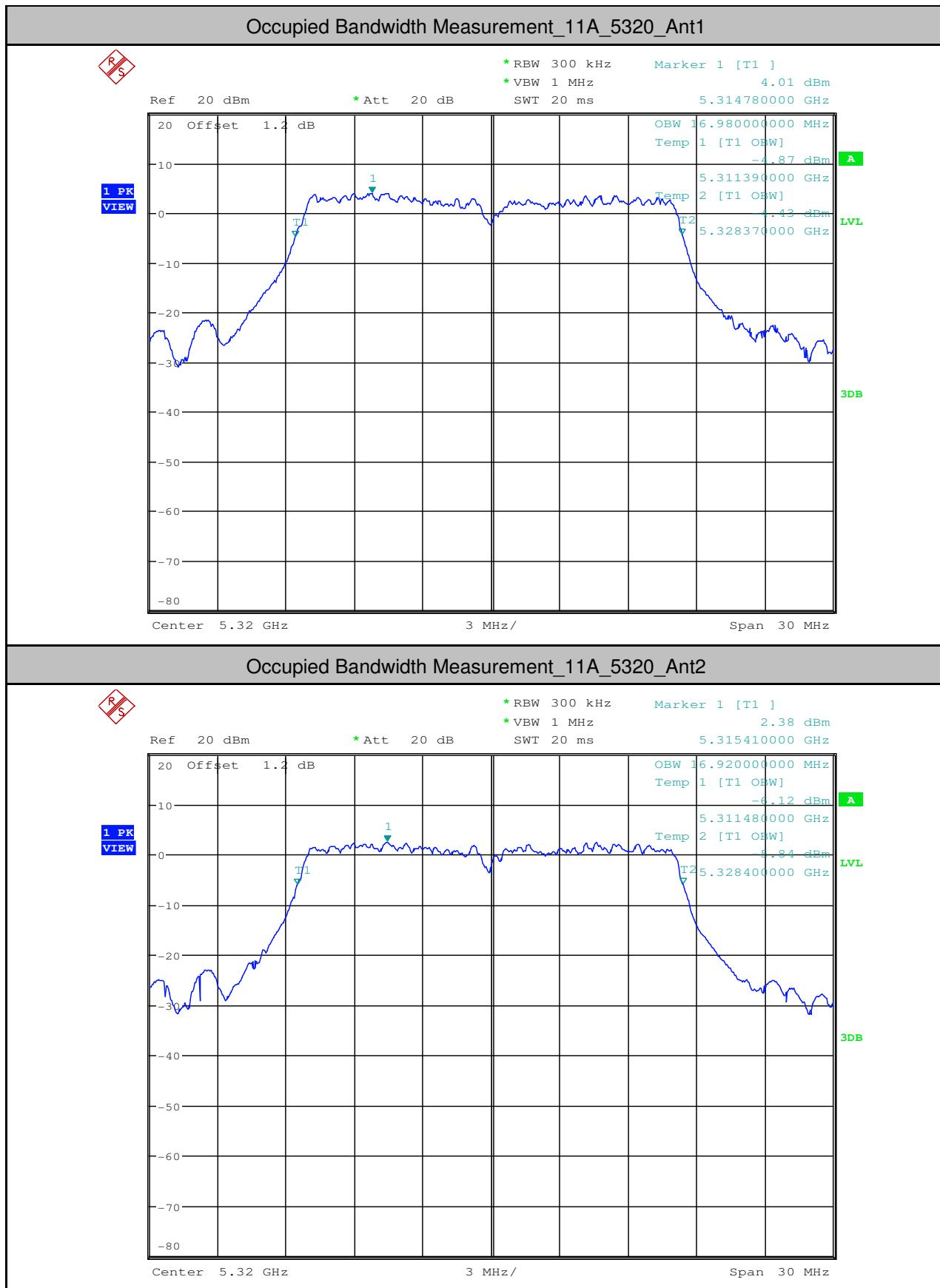


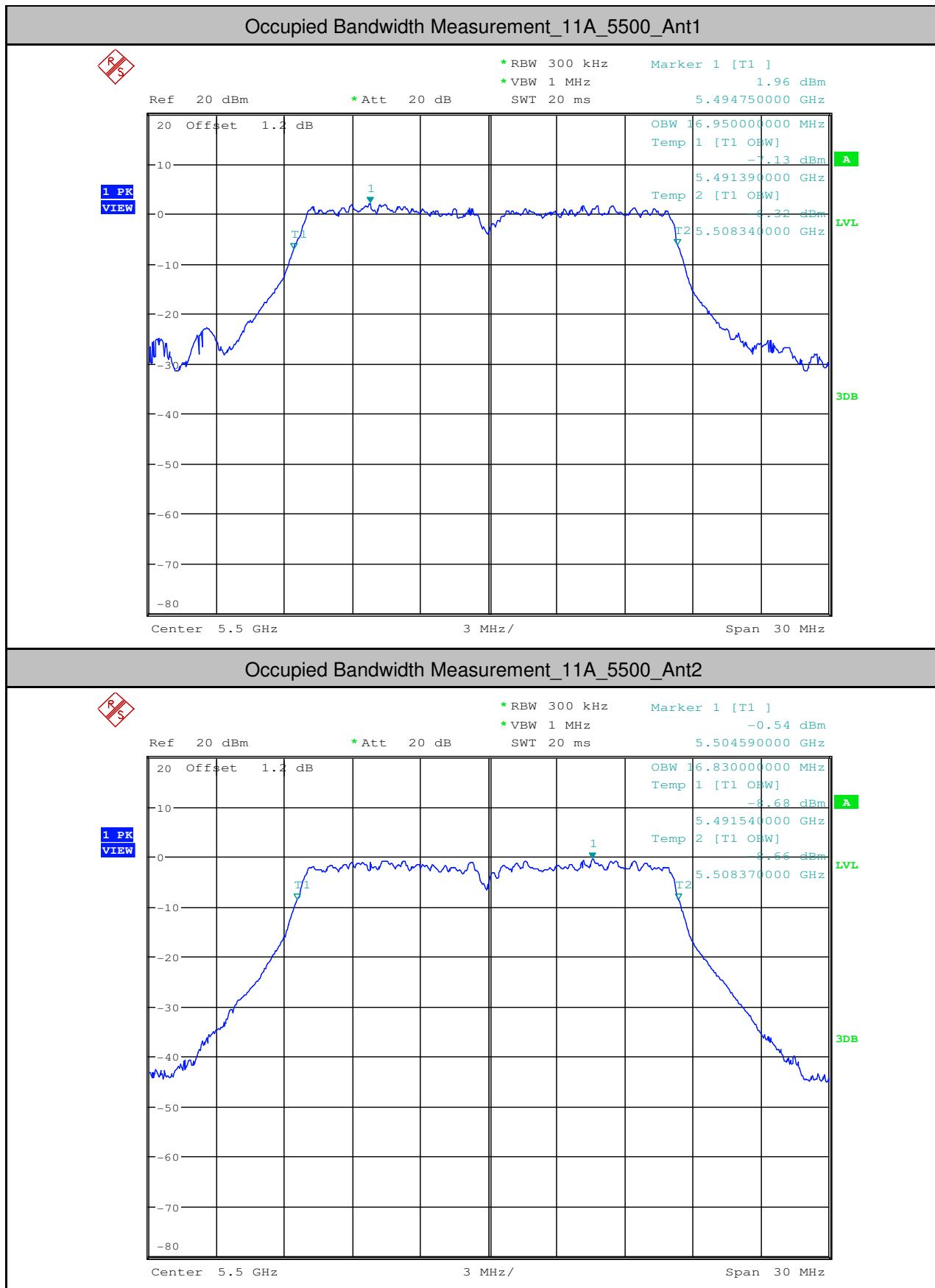
## Occupied Bandwidth Measurement\_11A\_5240\_Ant2

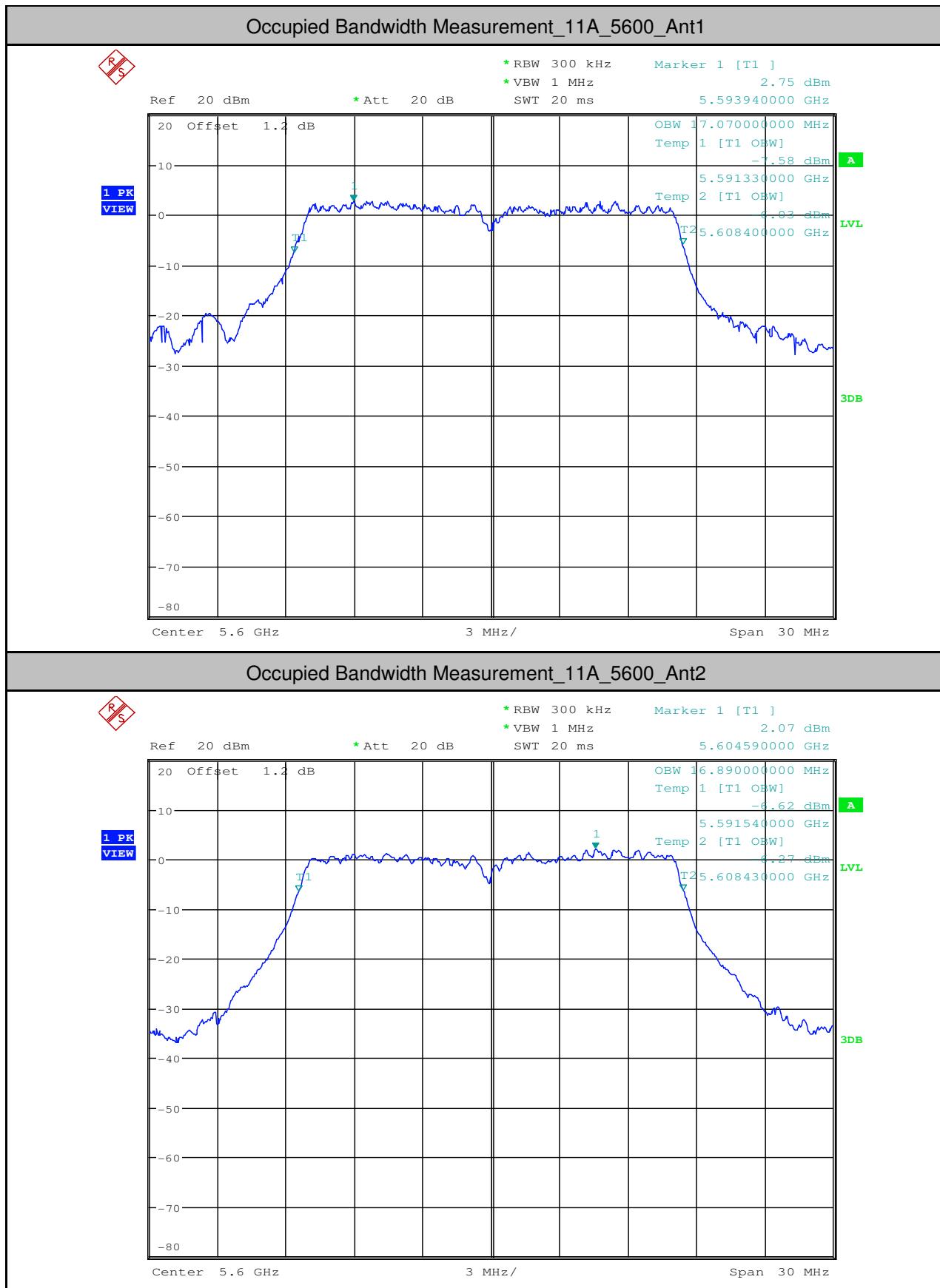


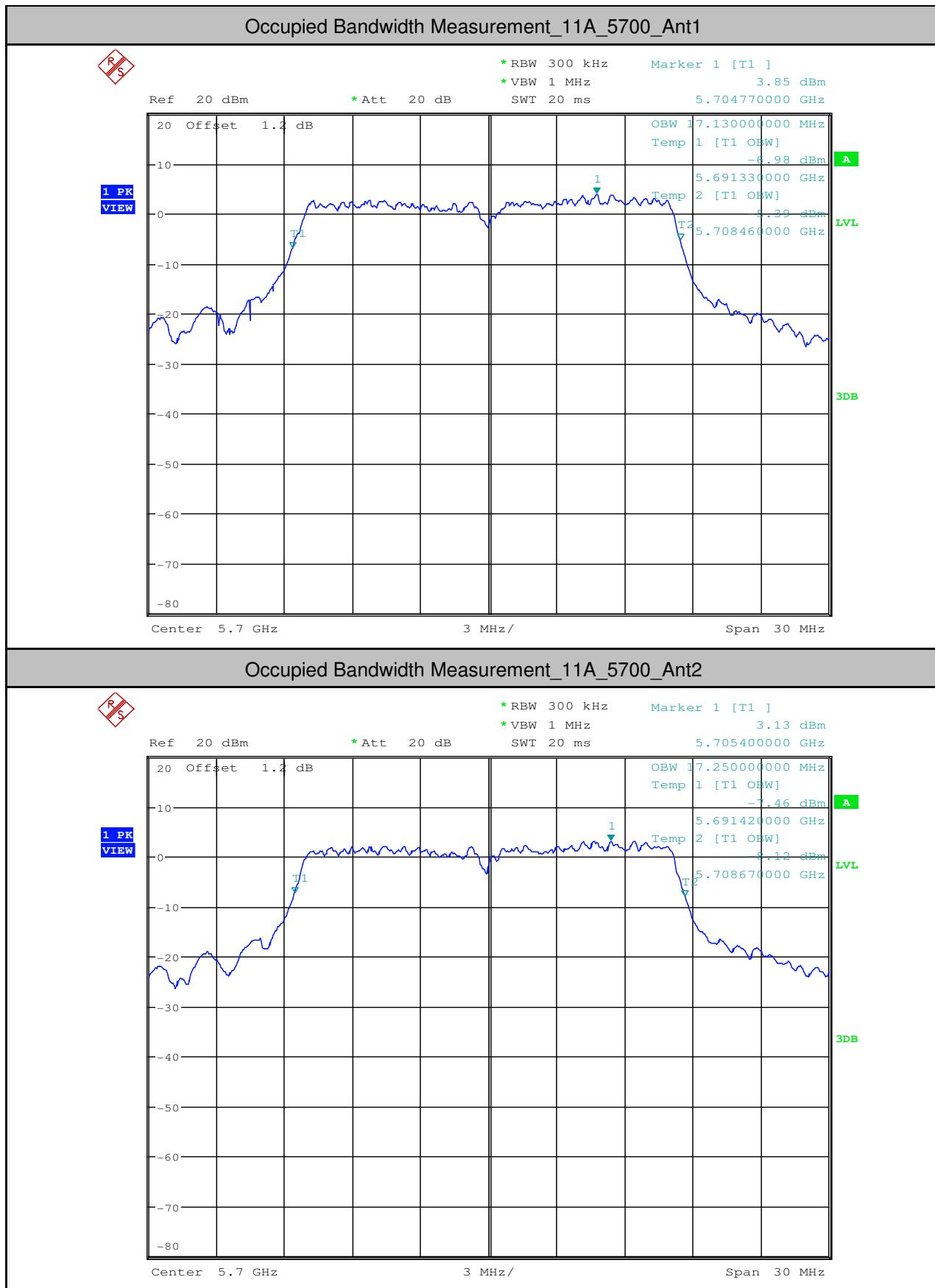


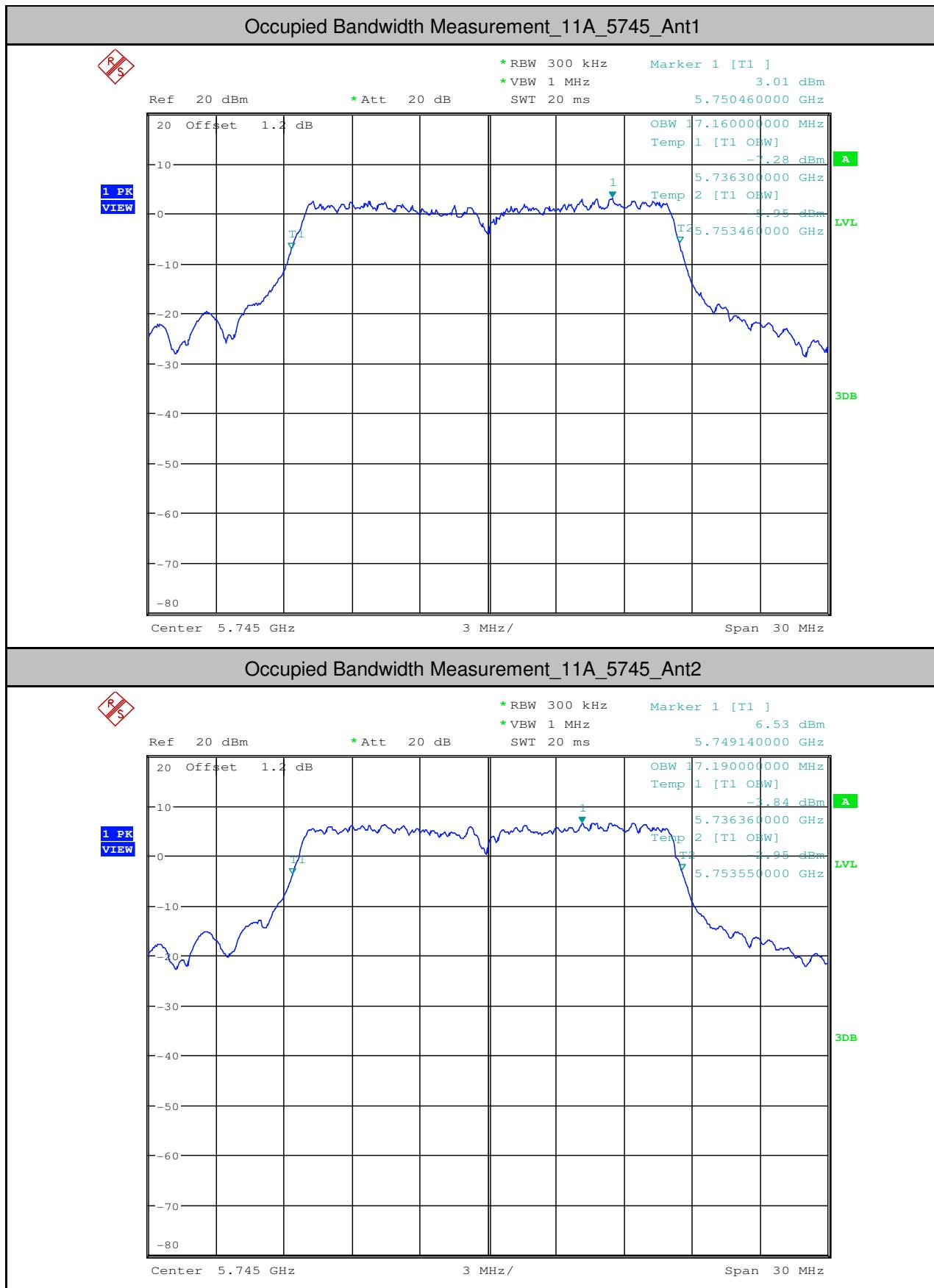


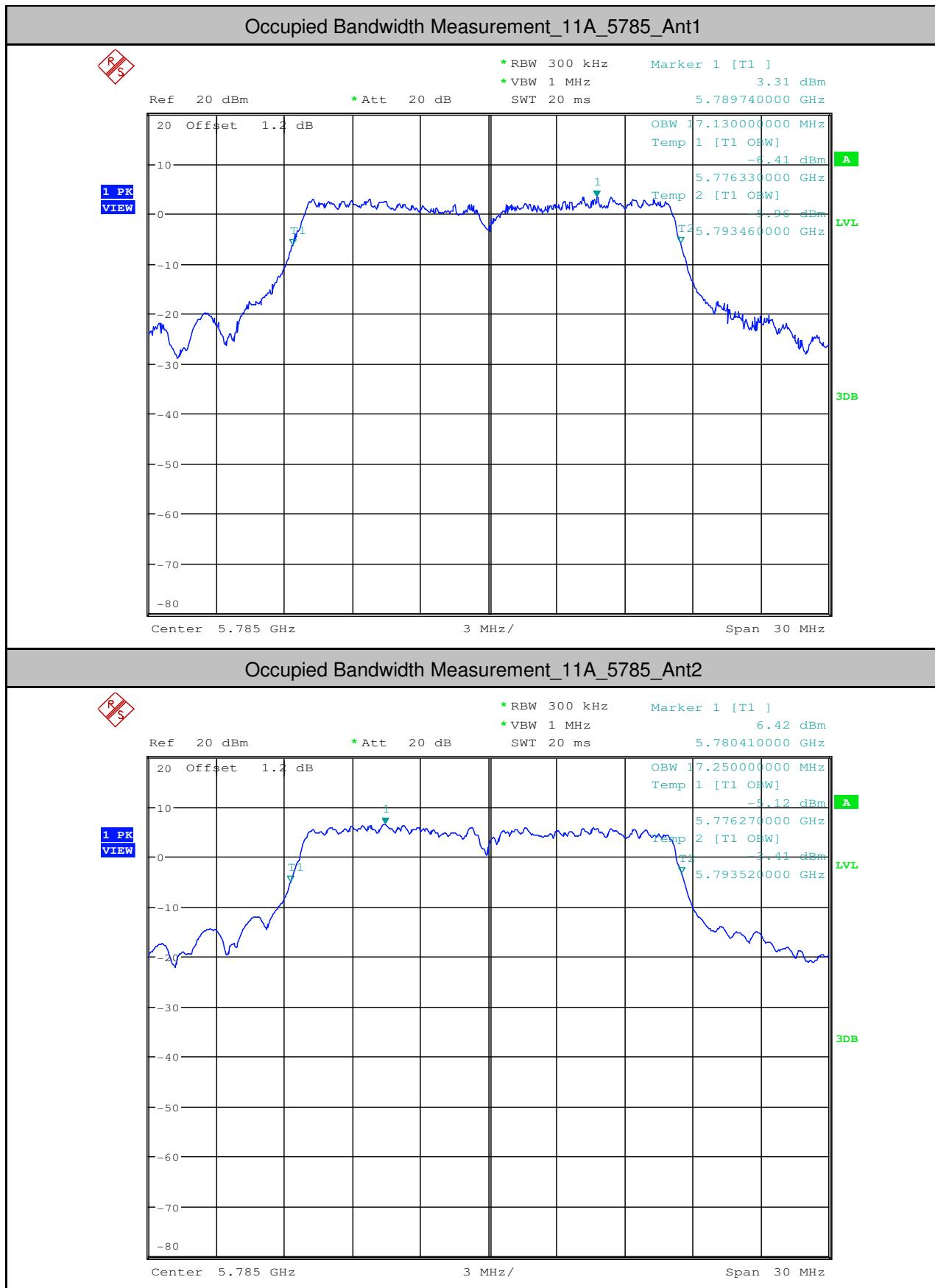


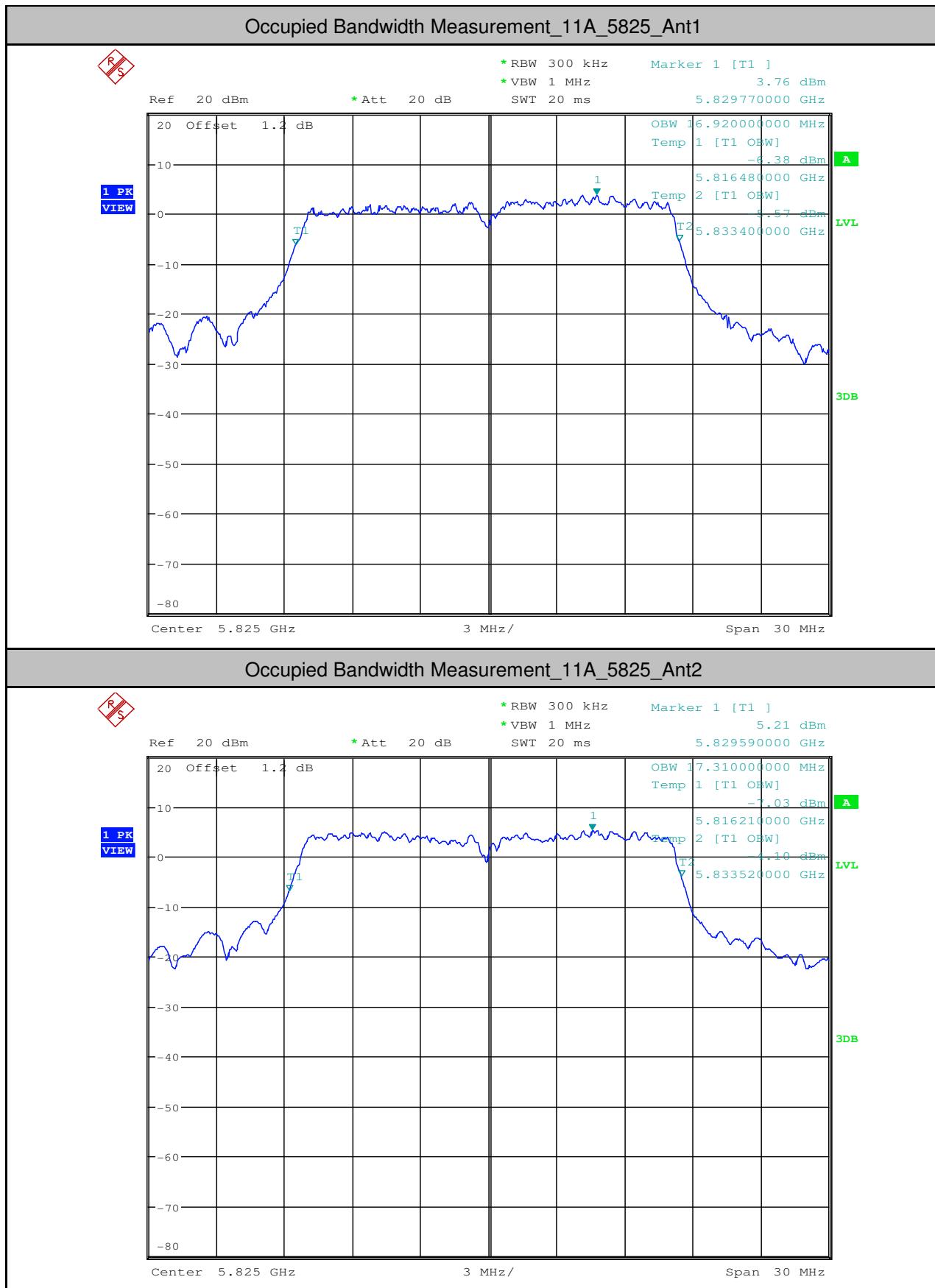


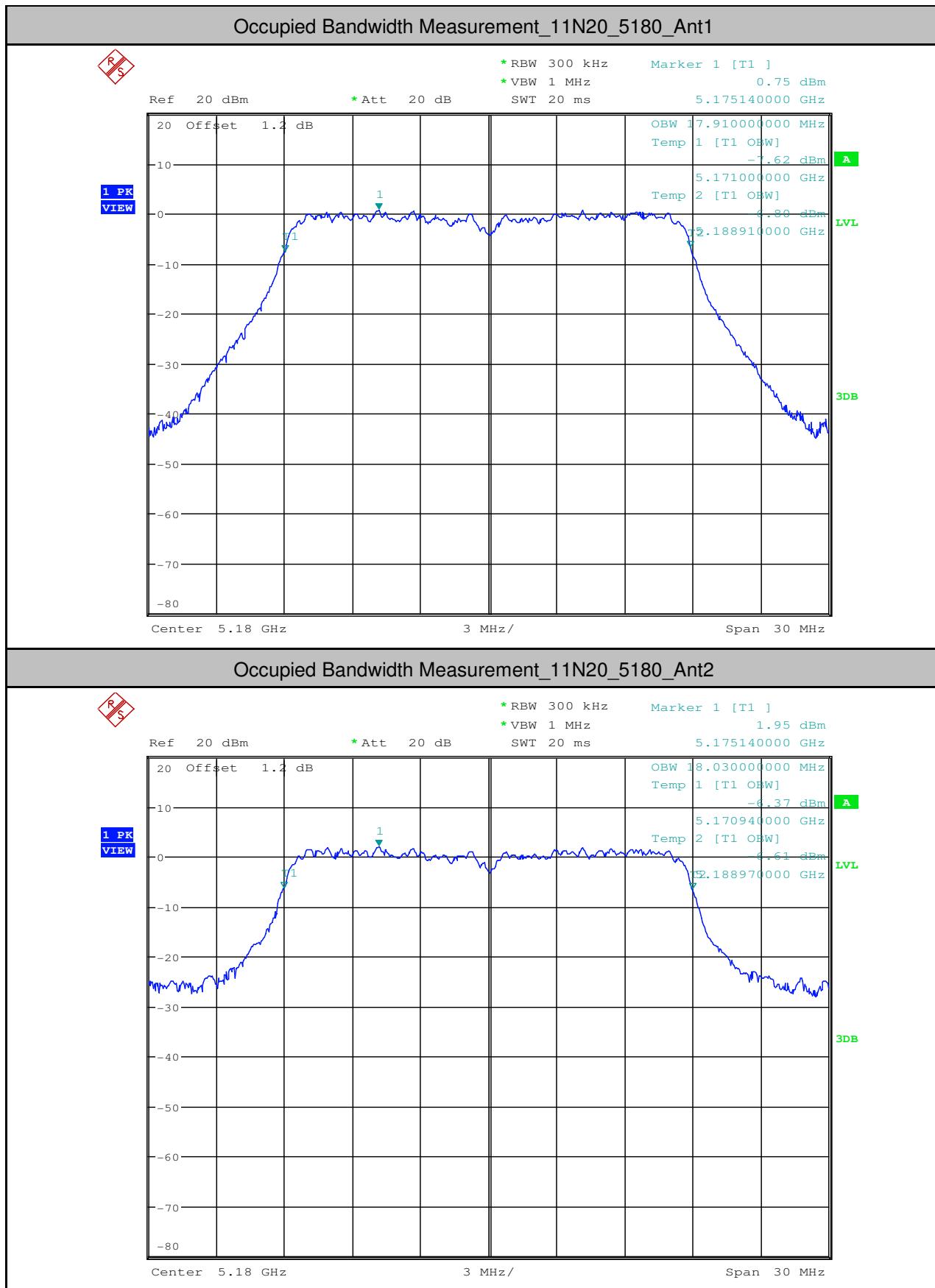


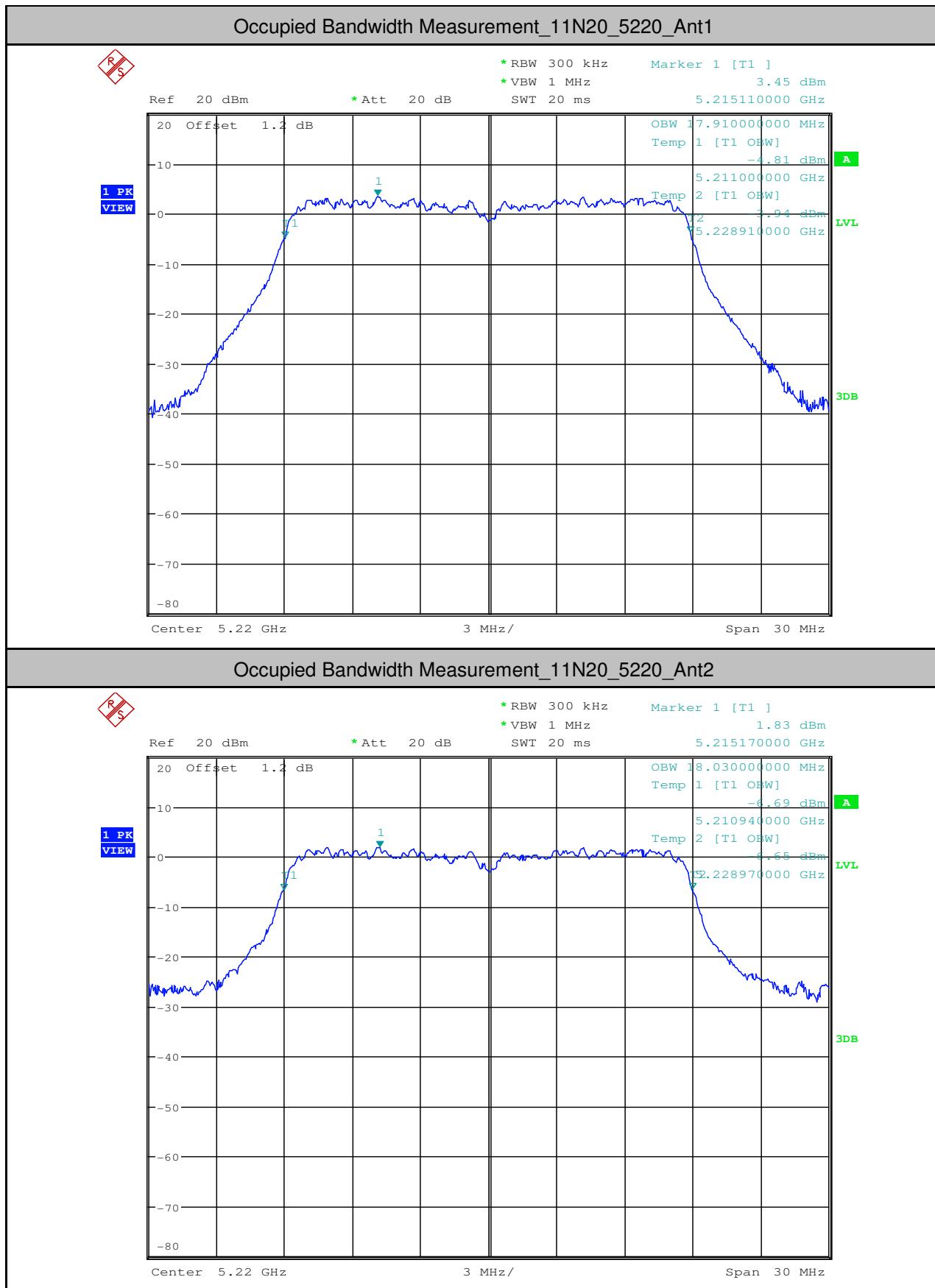


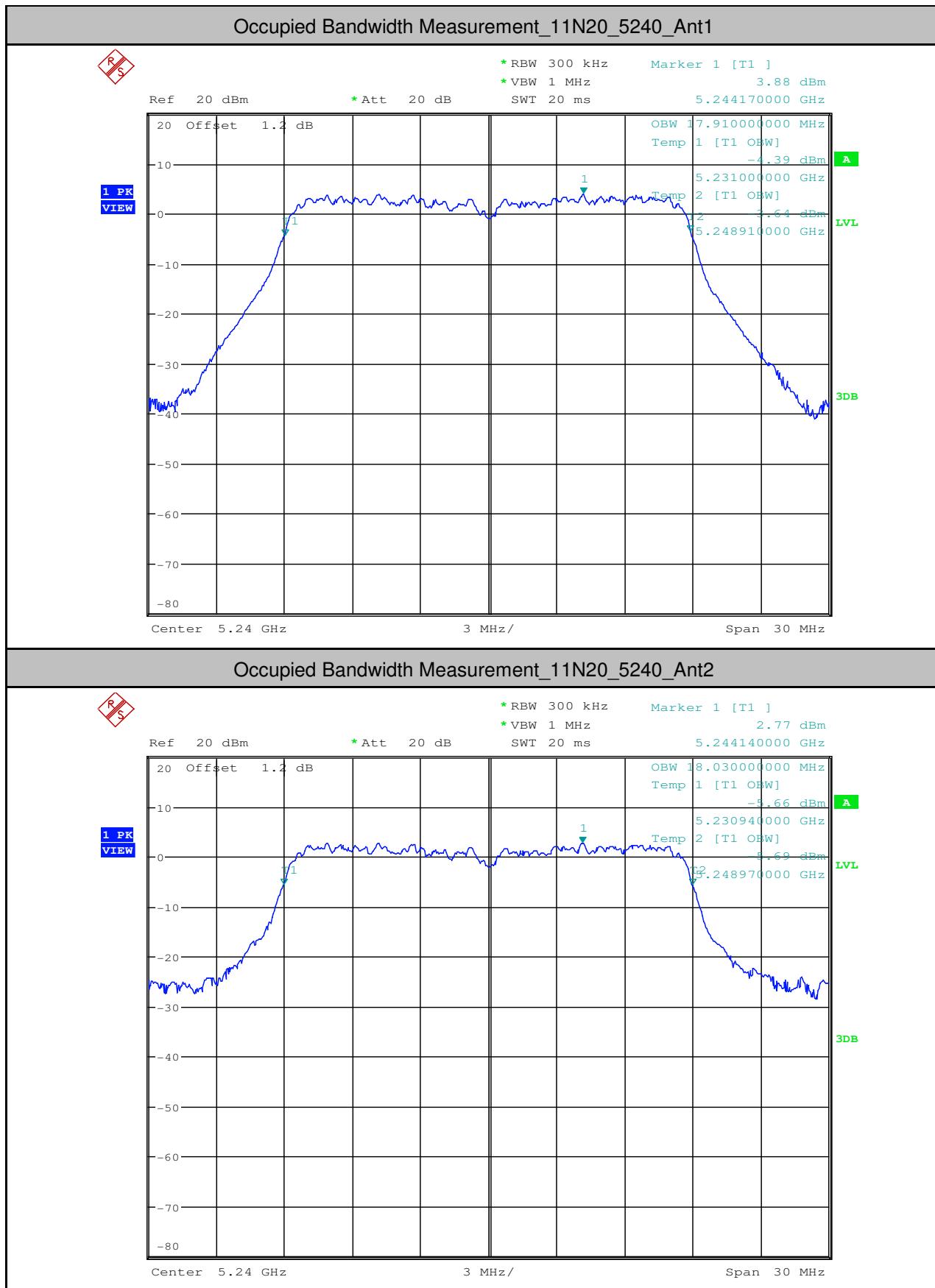


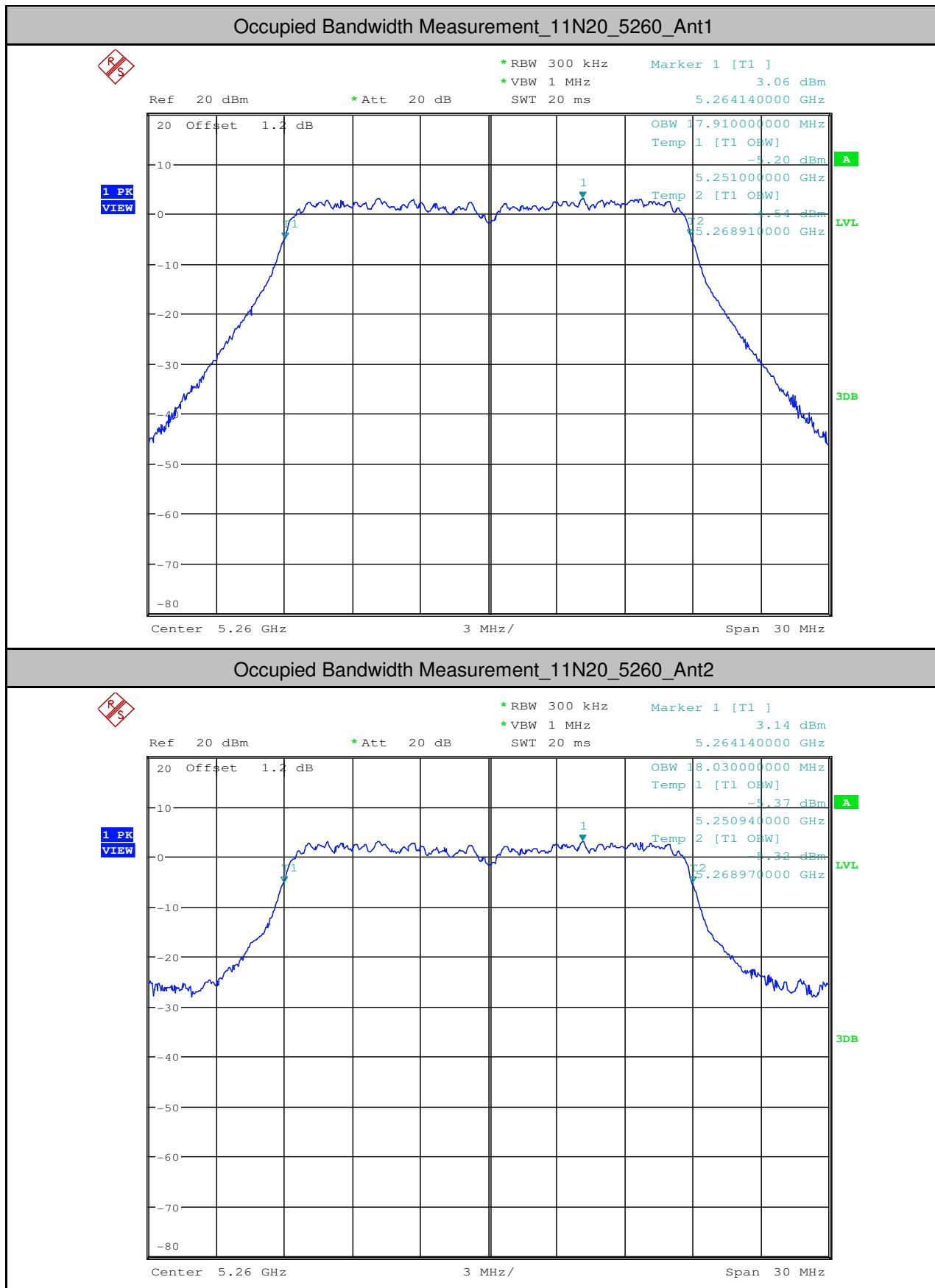


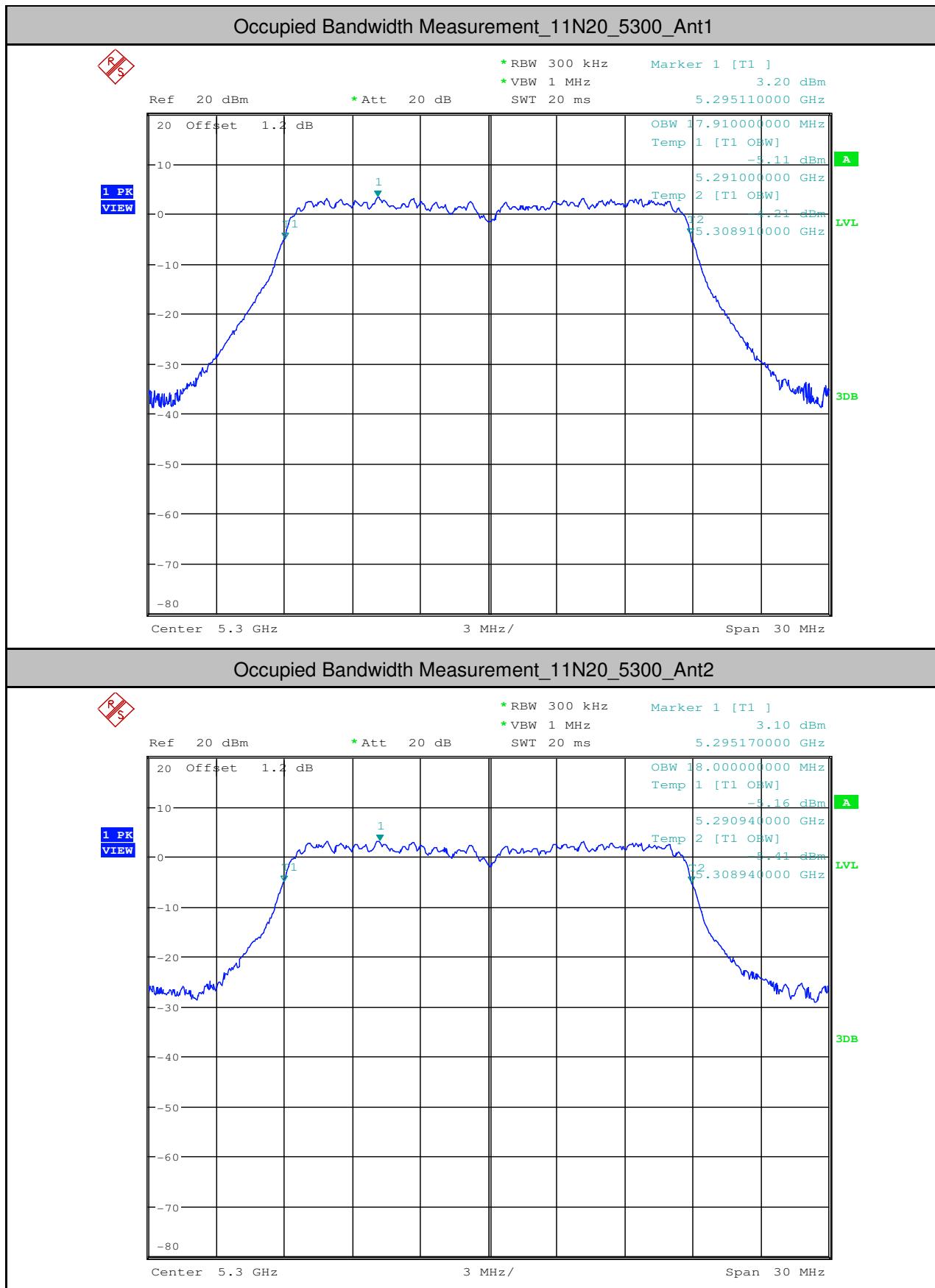


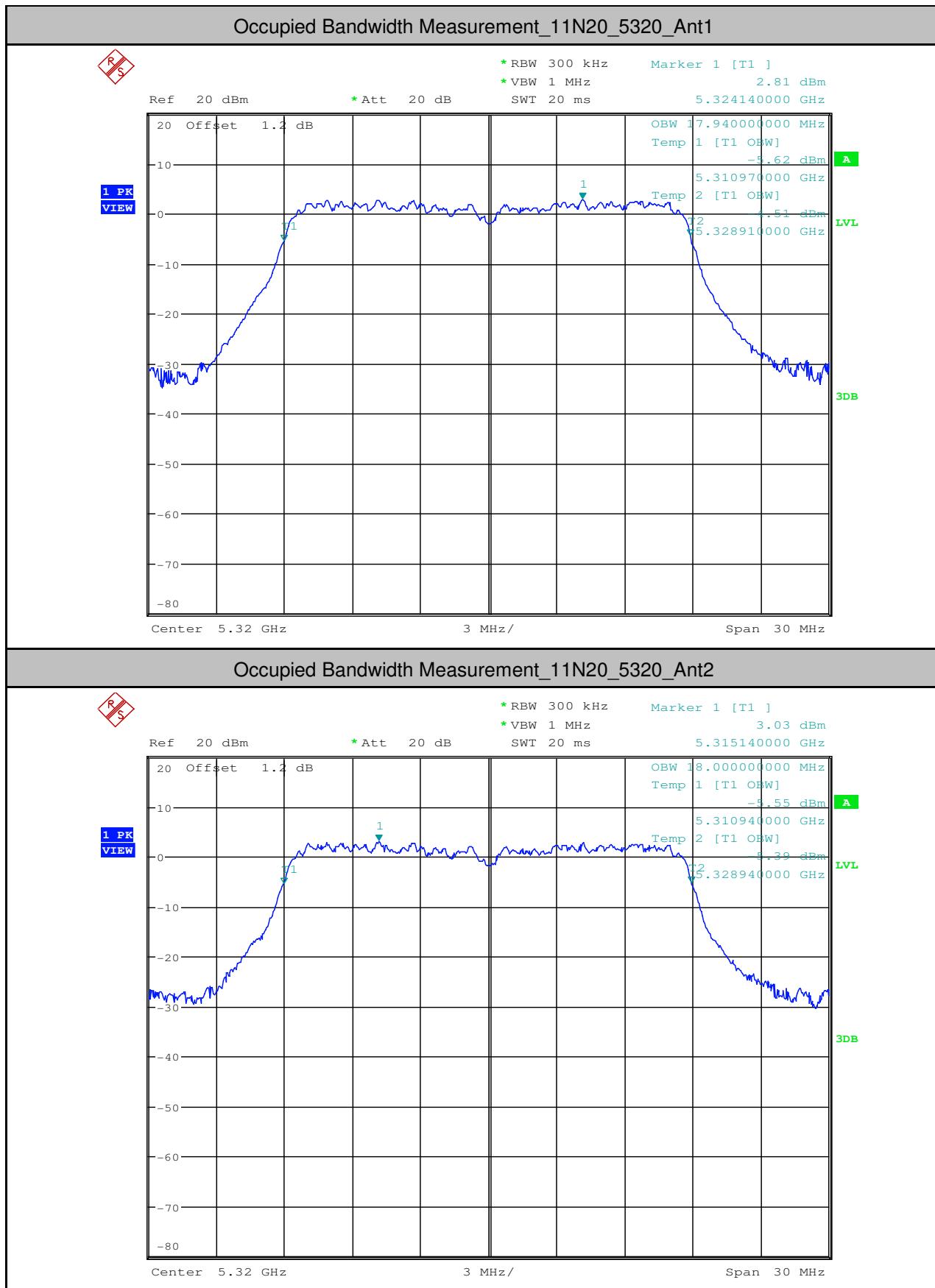


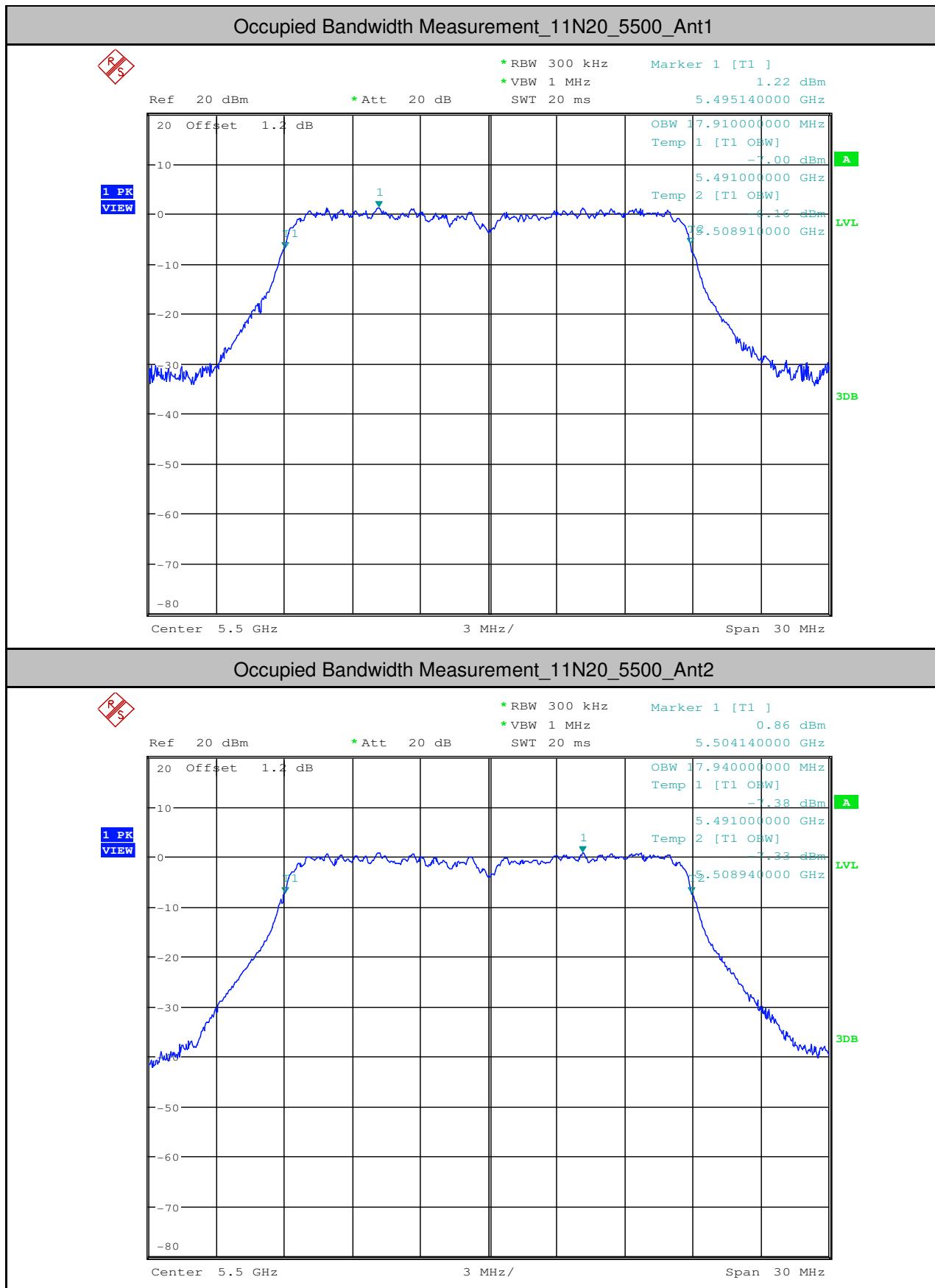


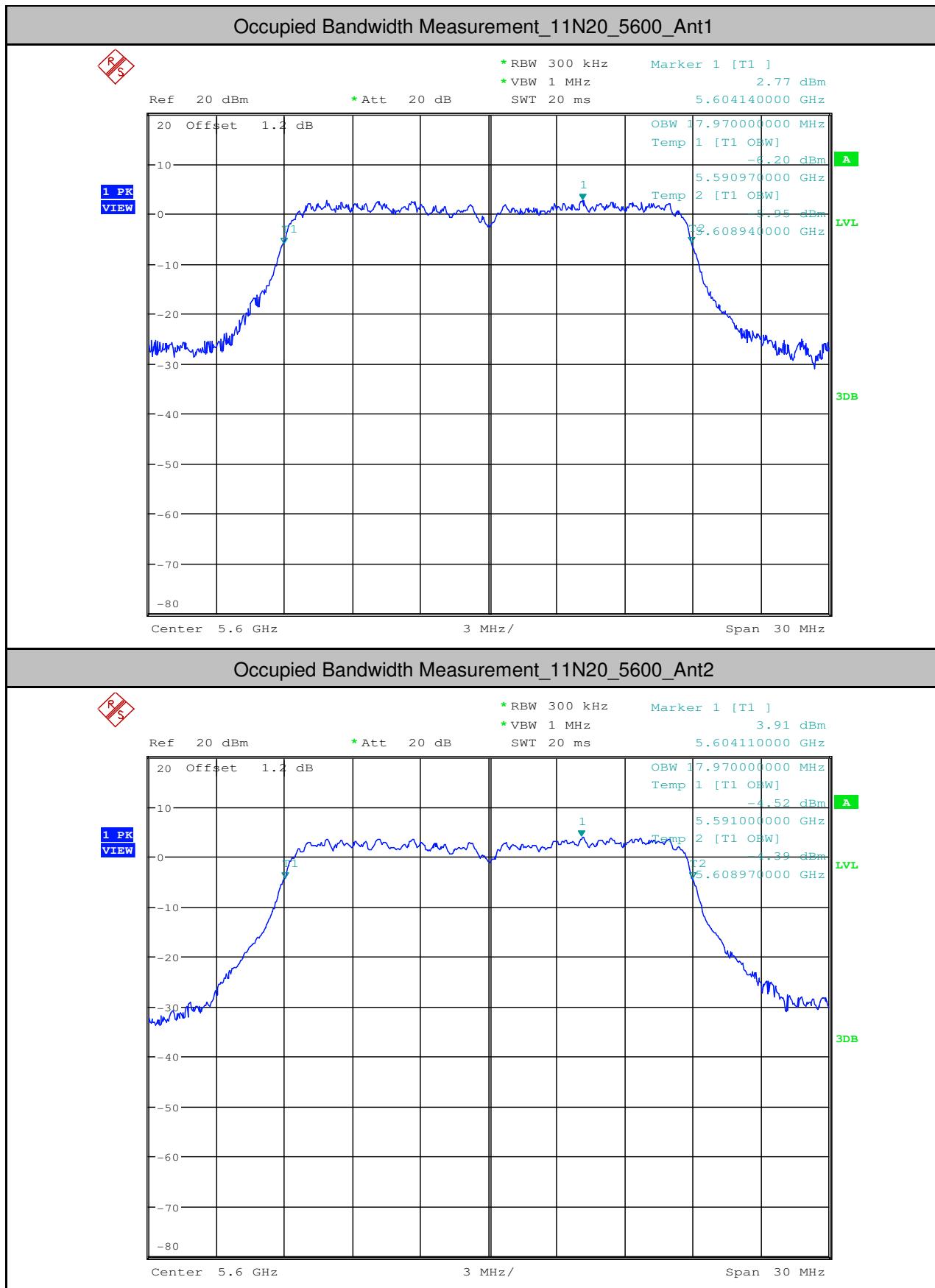


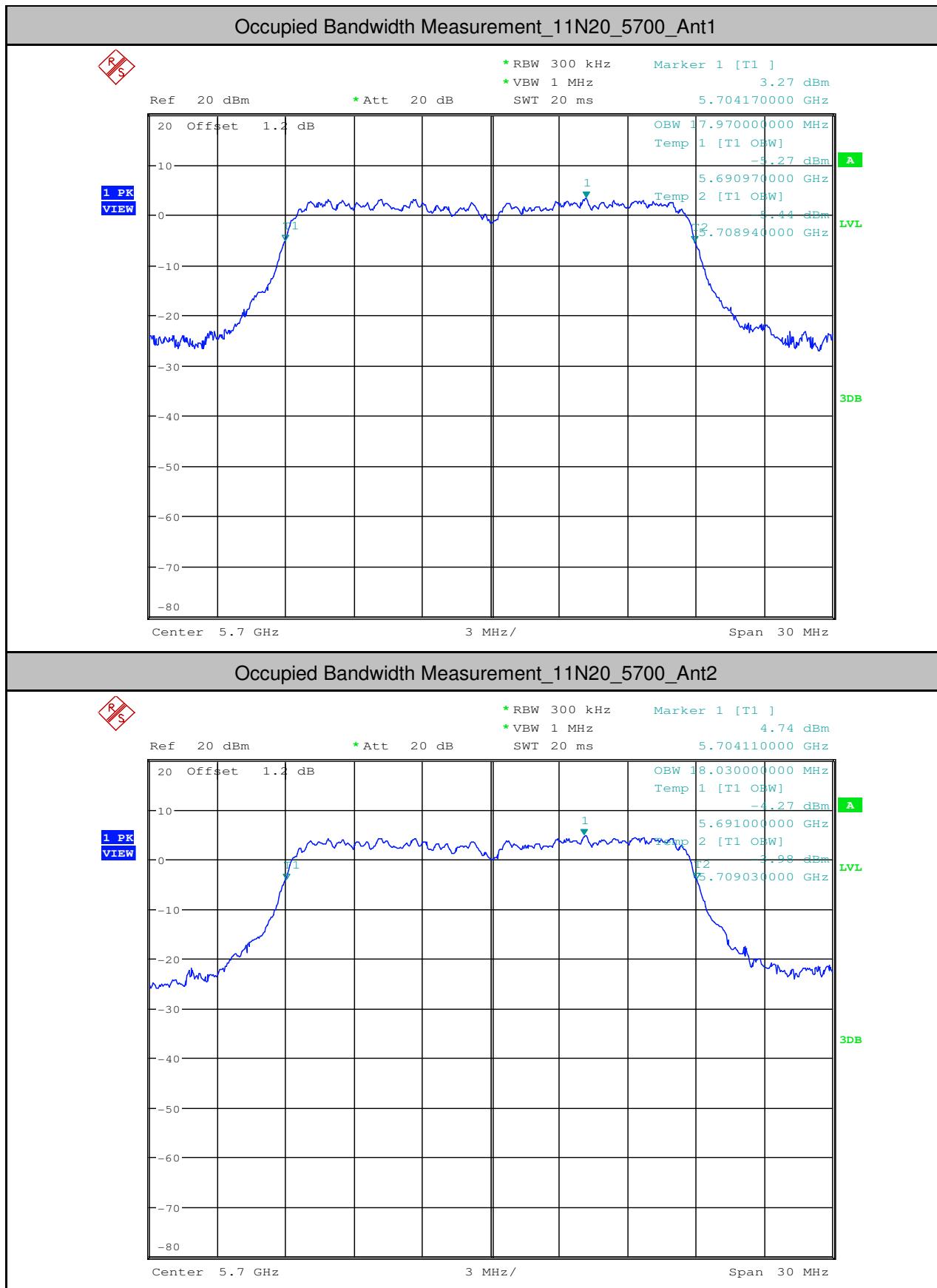


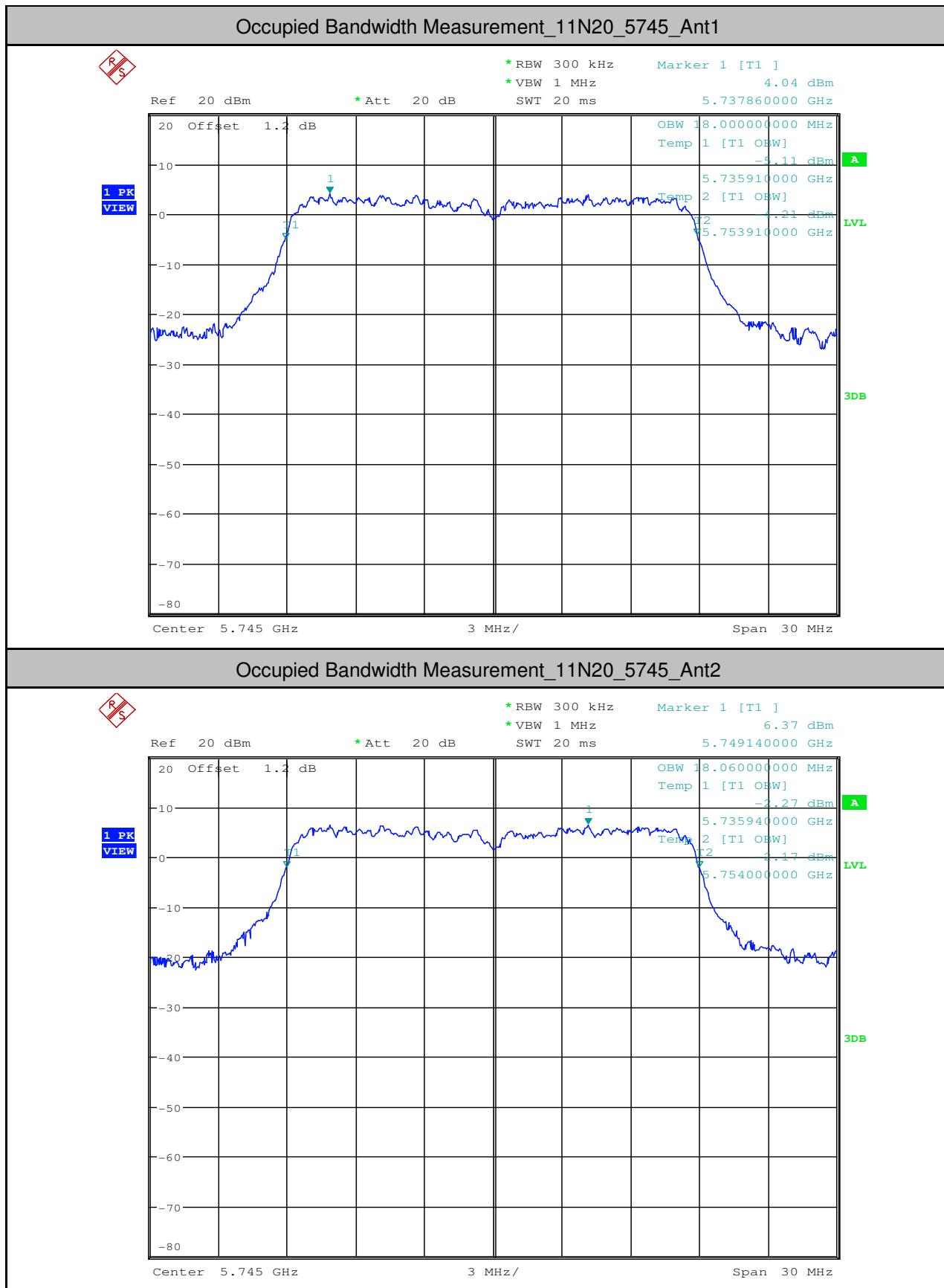


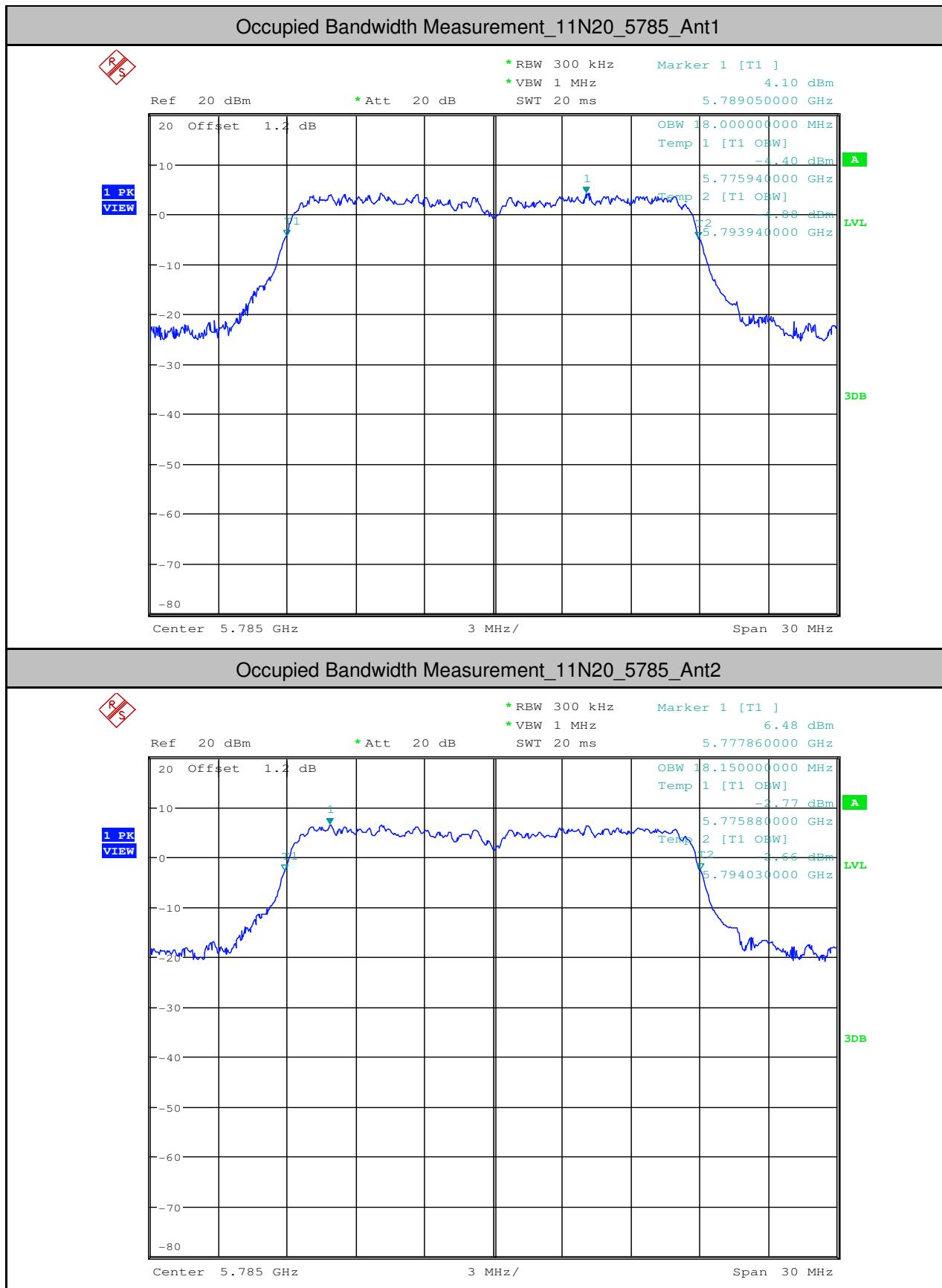


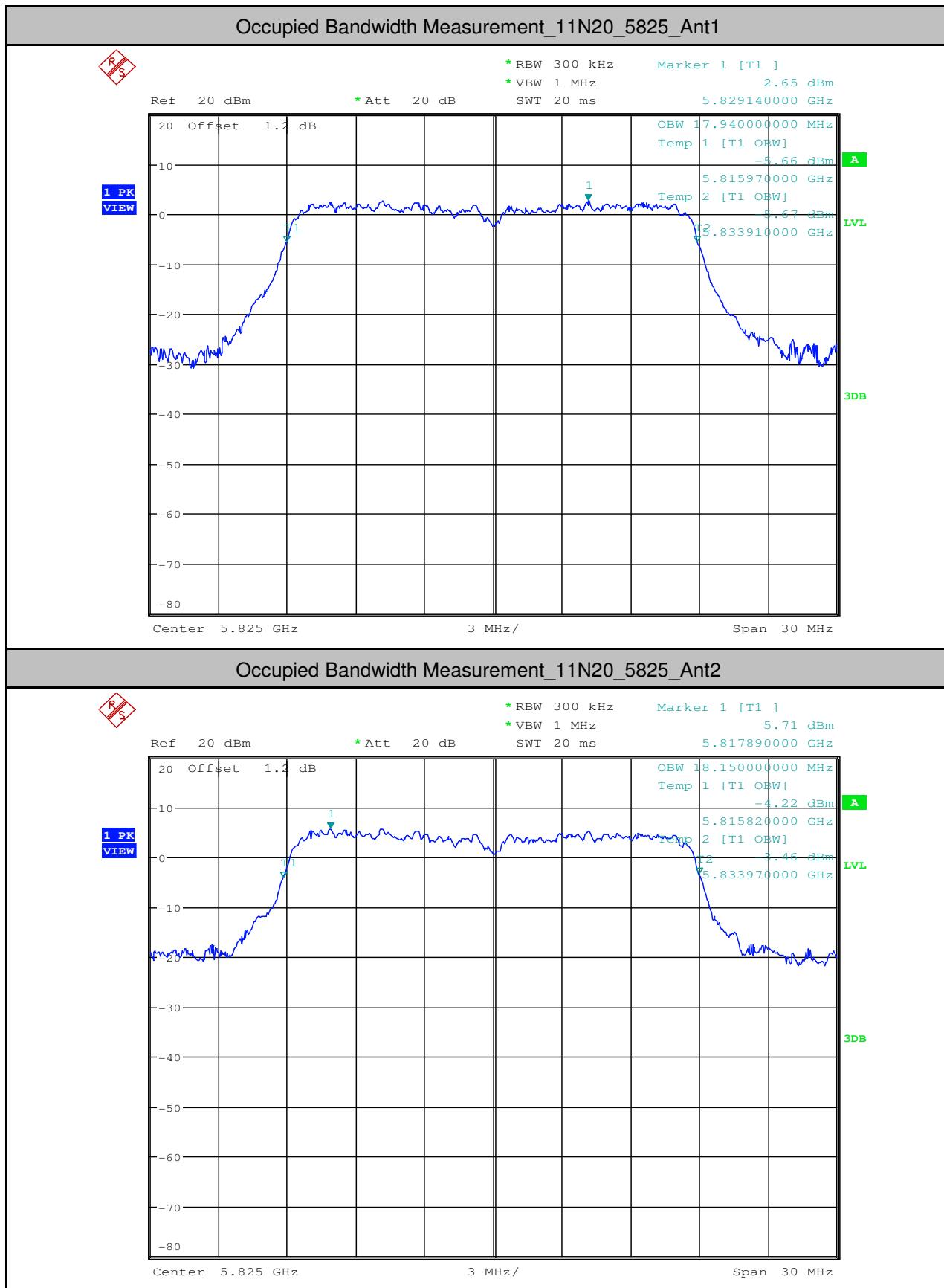


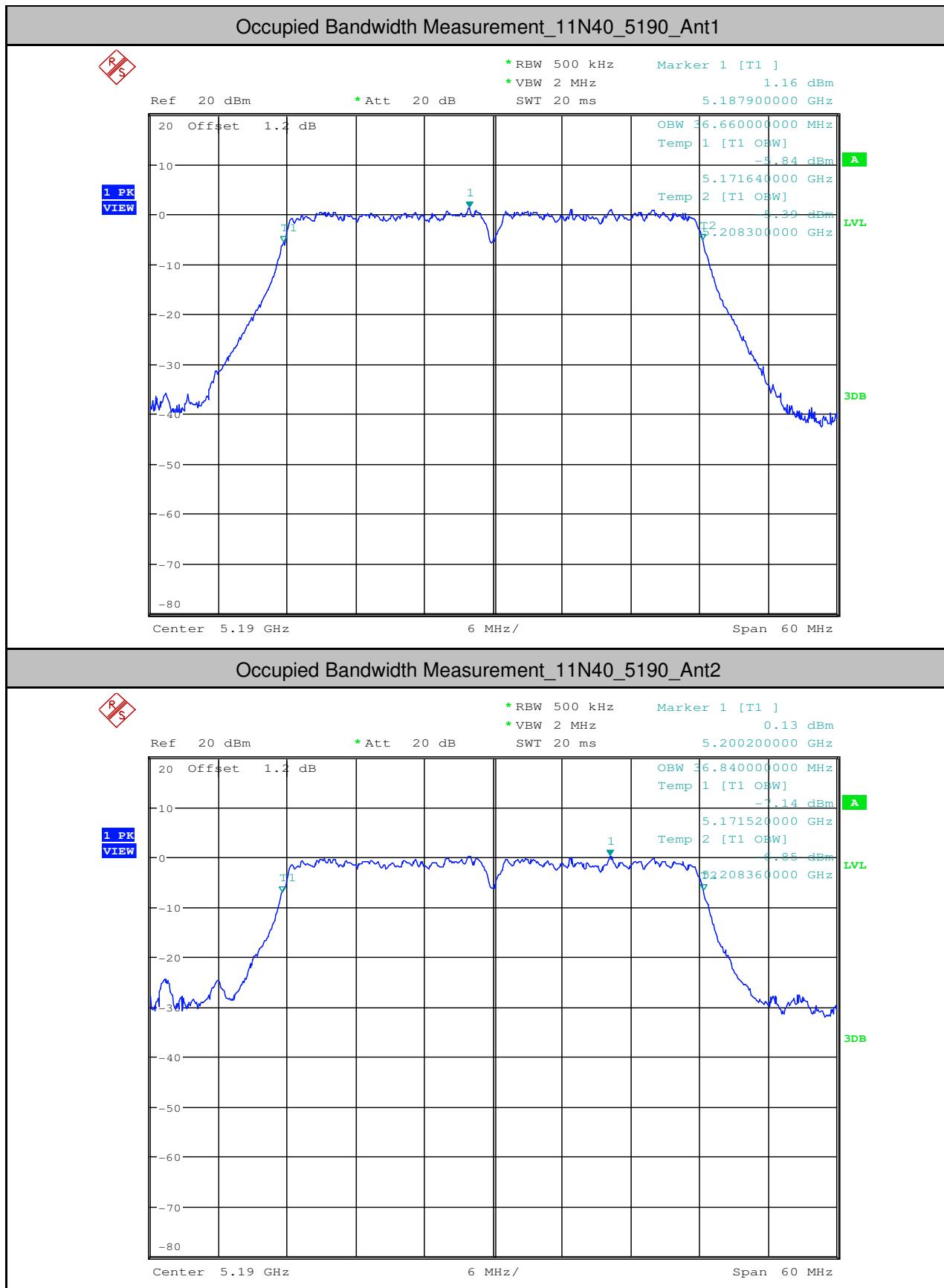


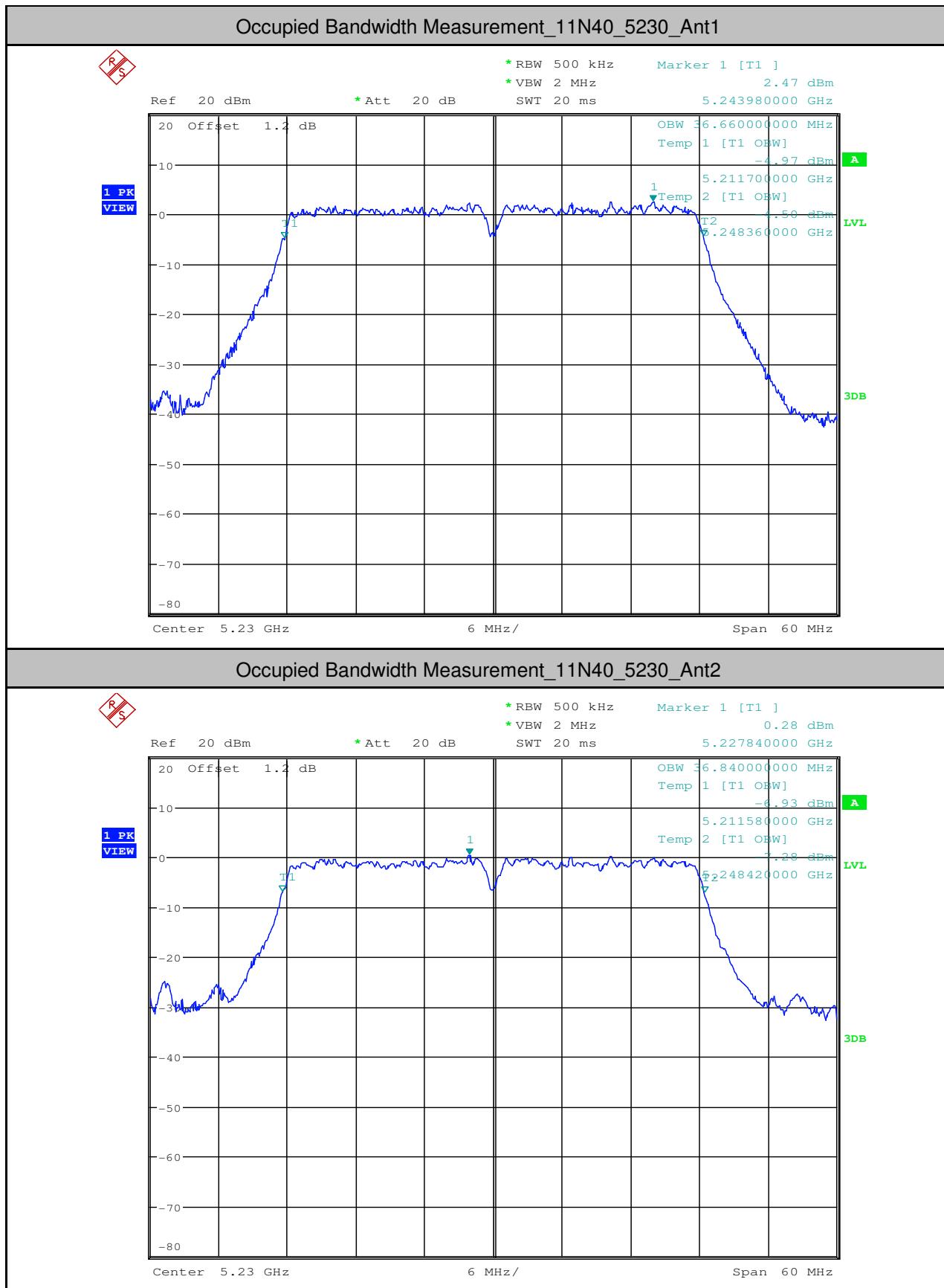


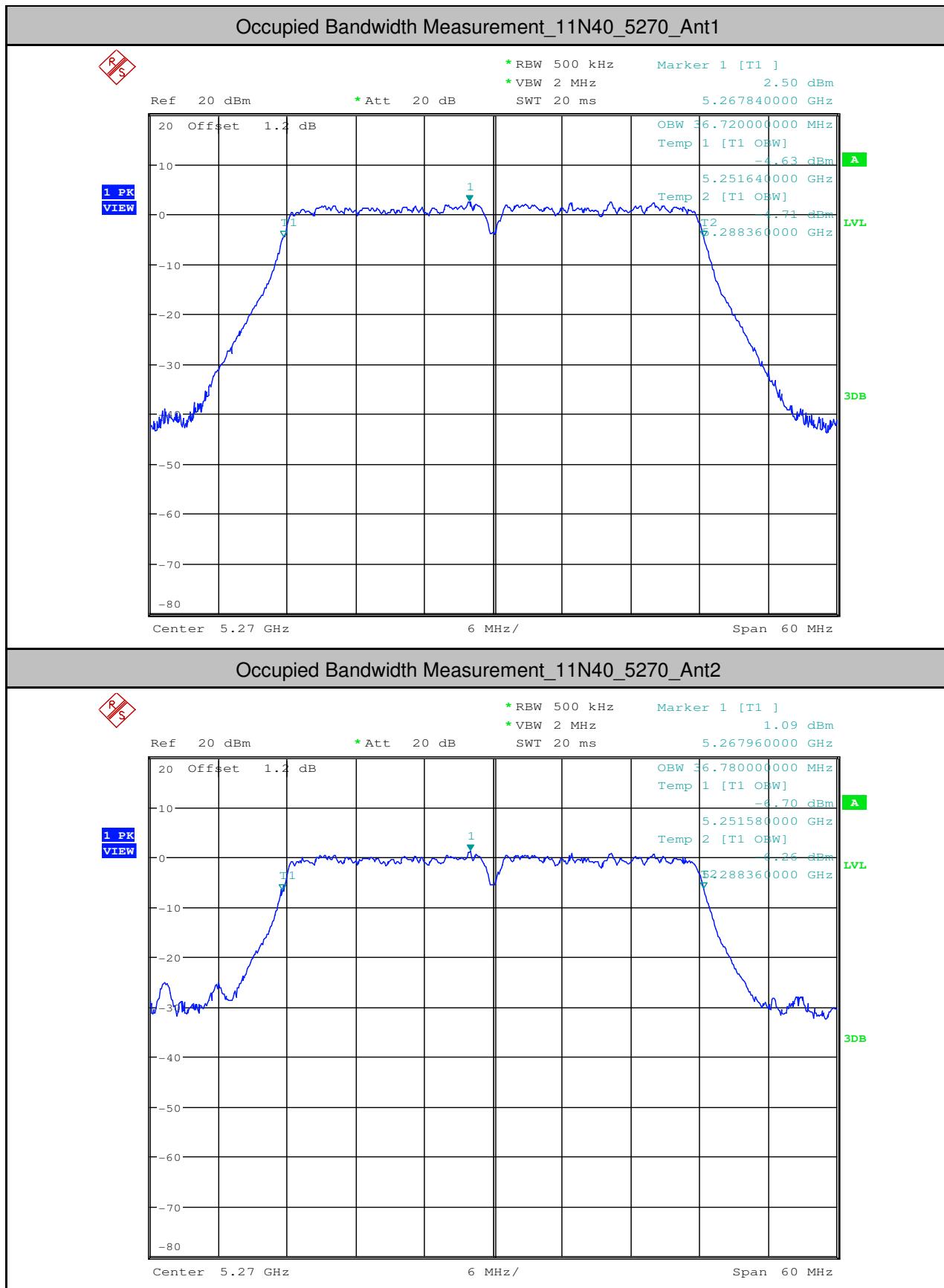


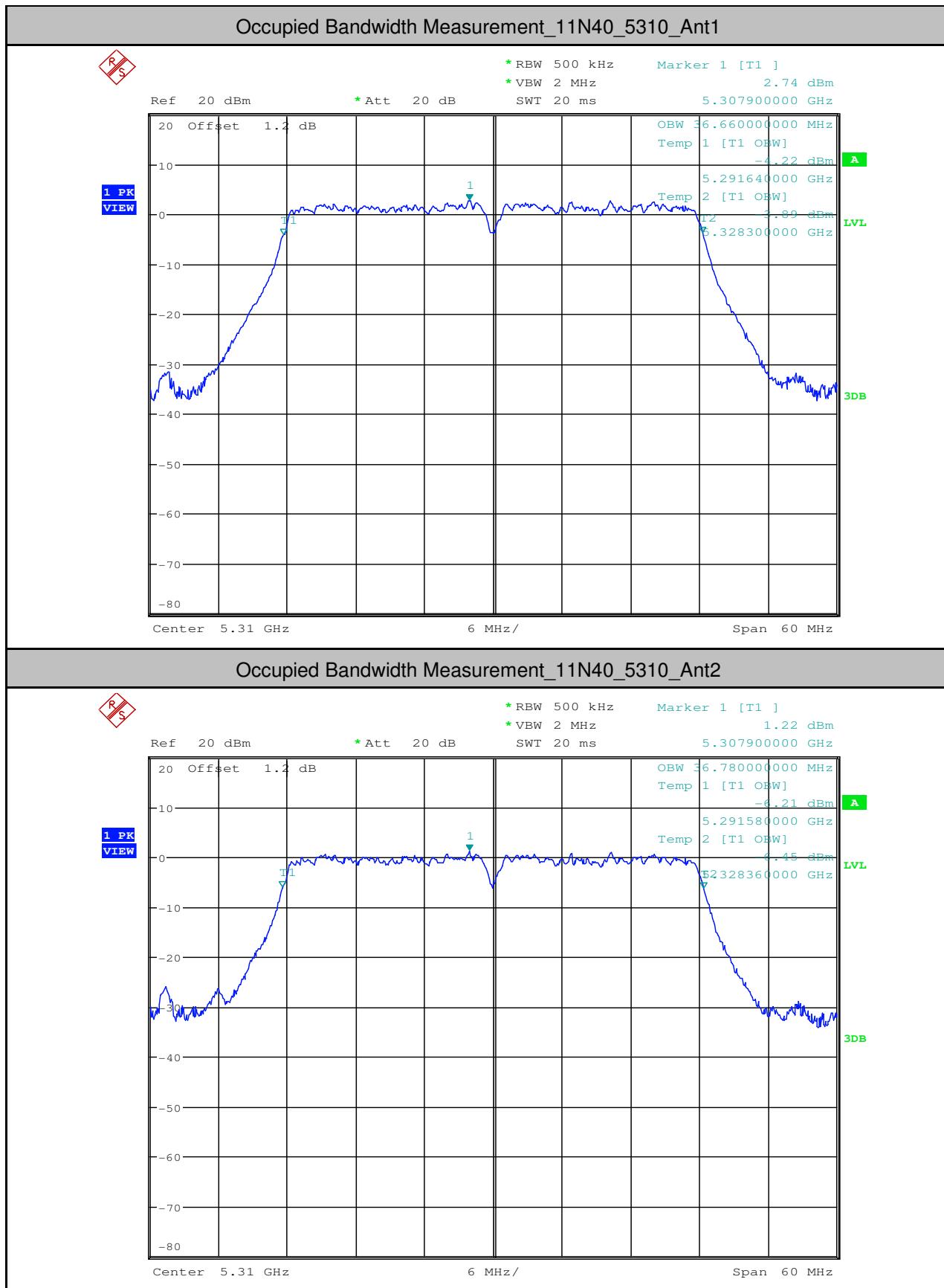


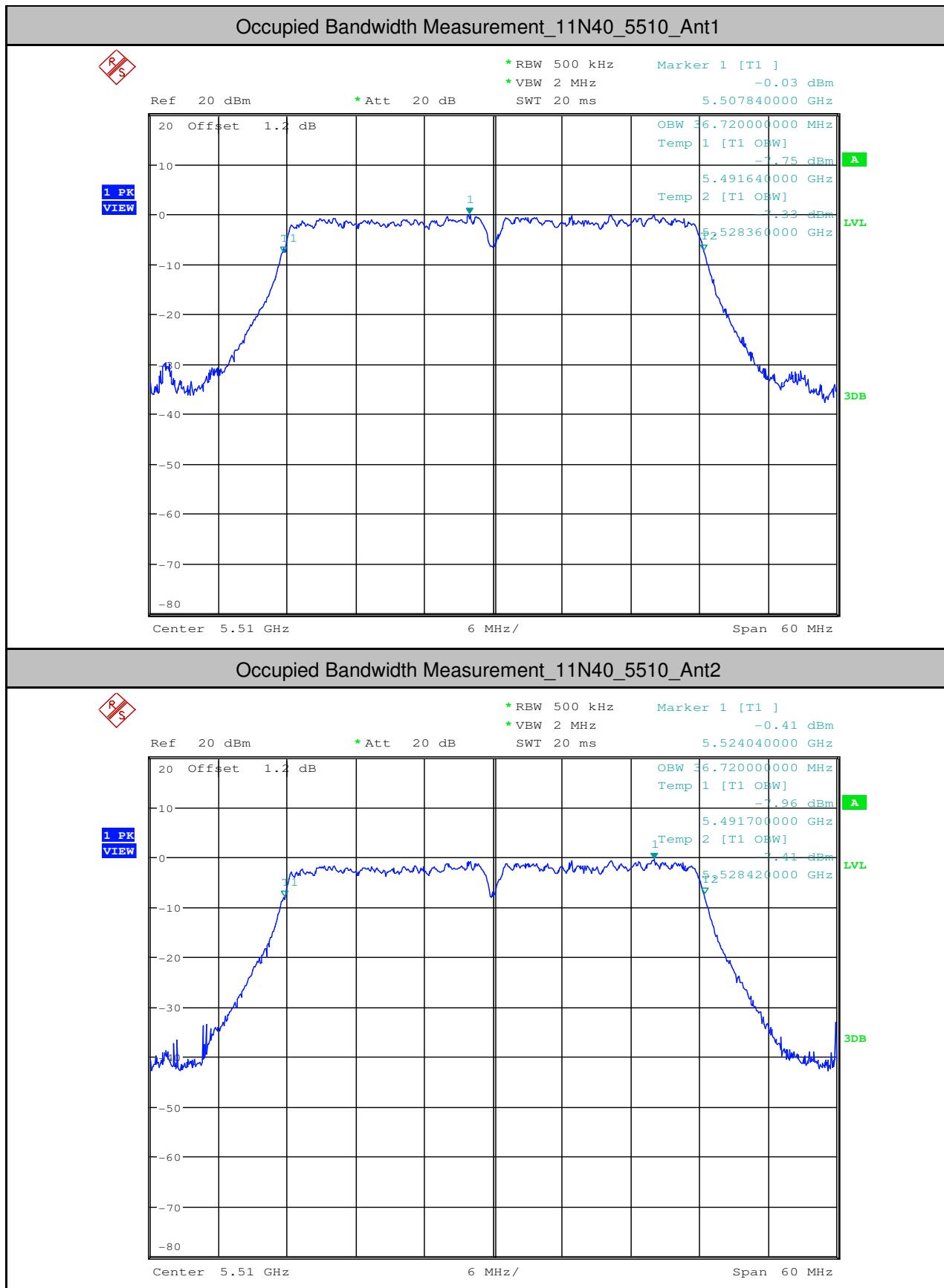


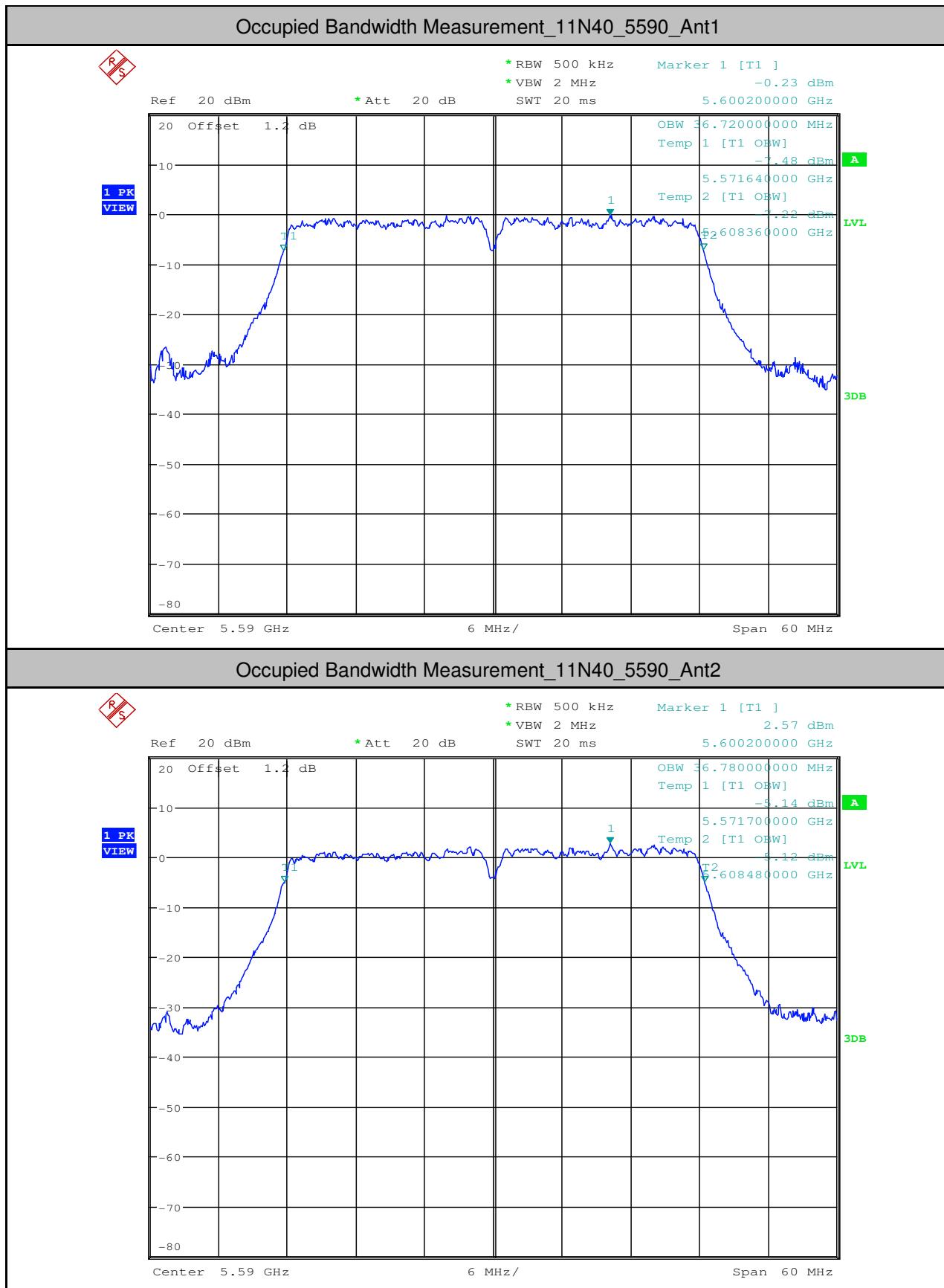


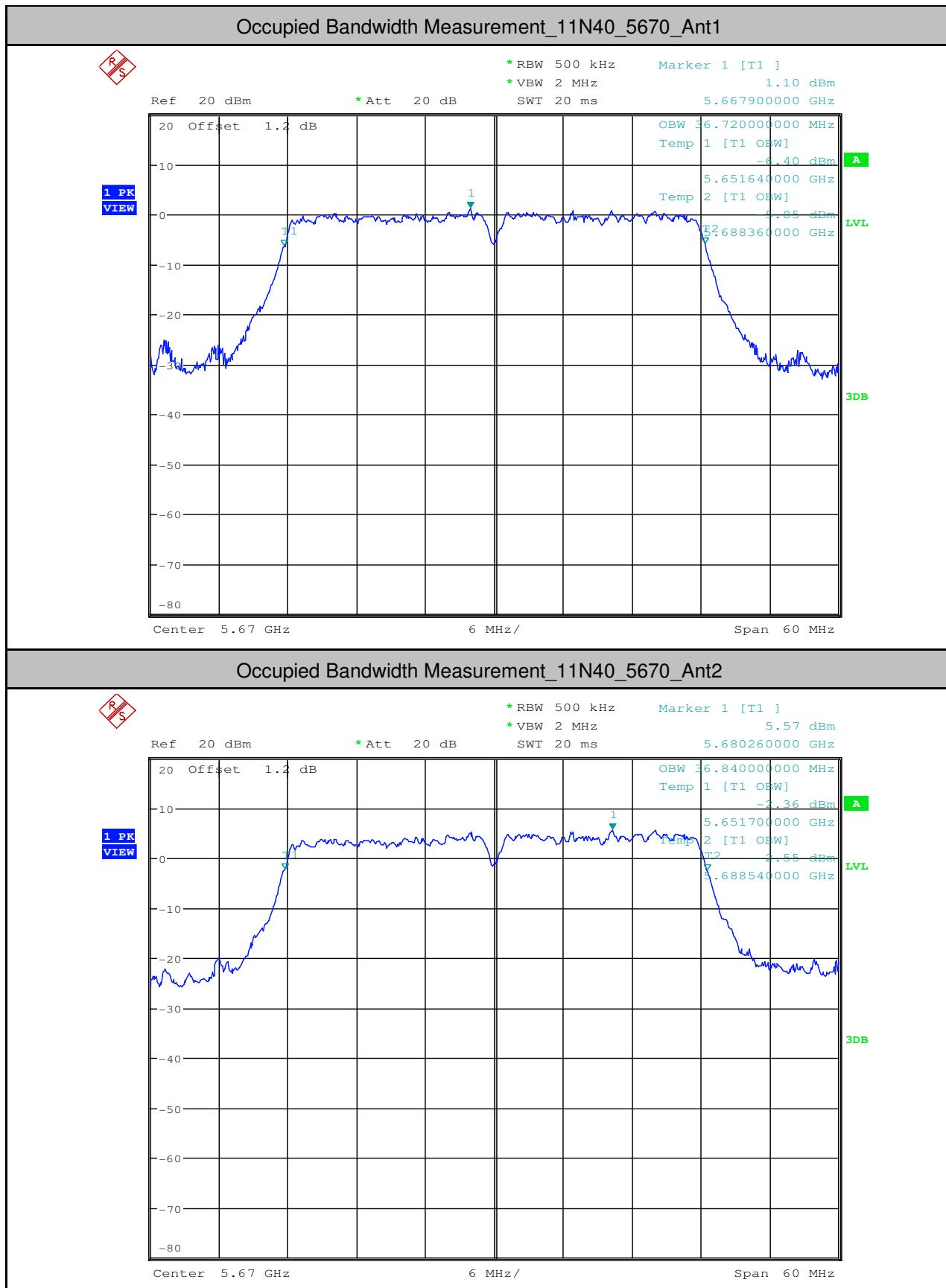


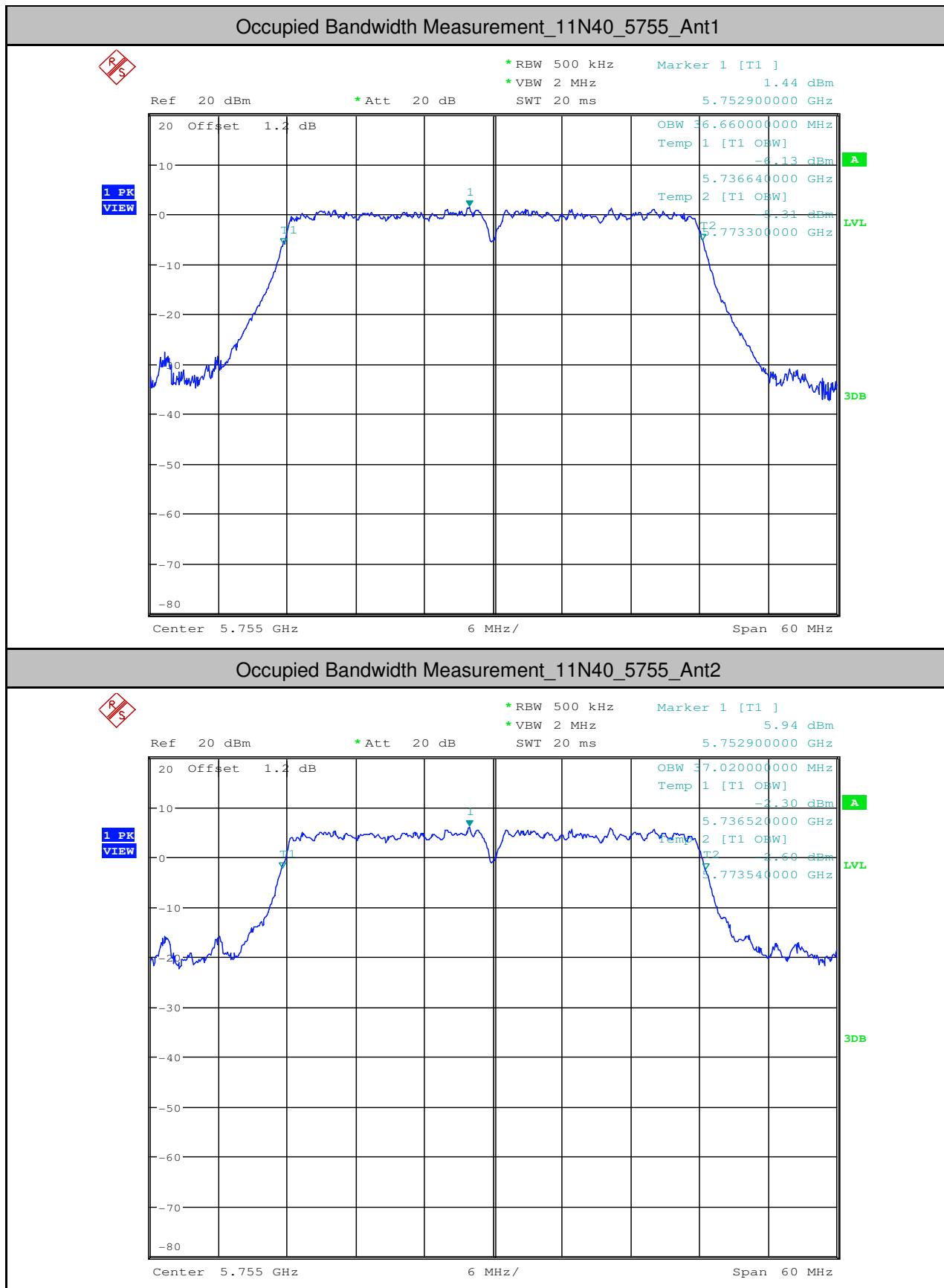


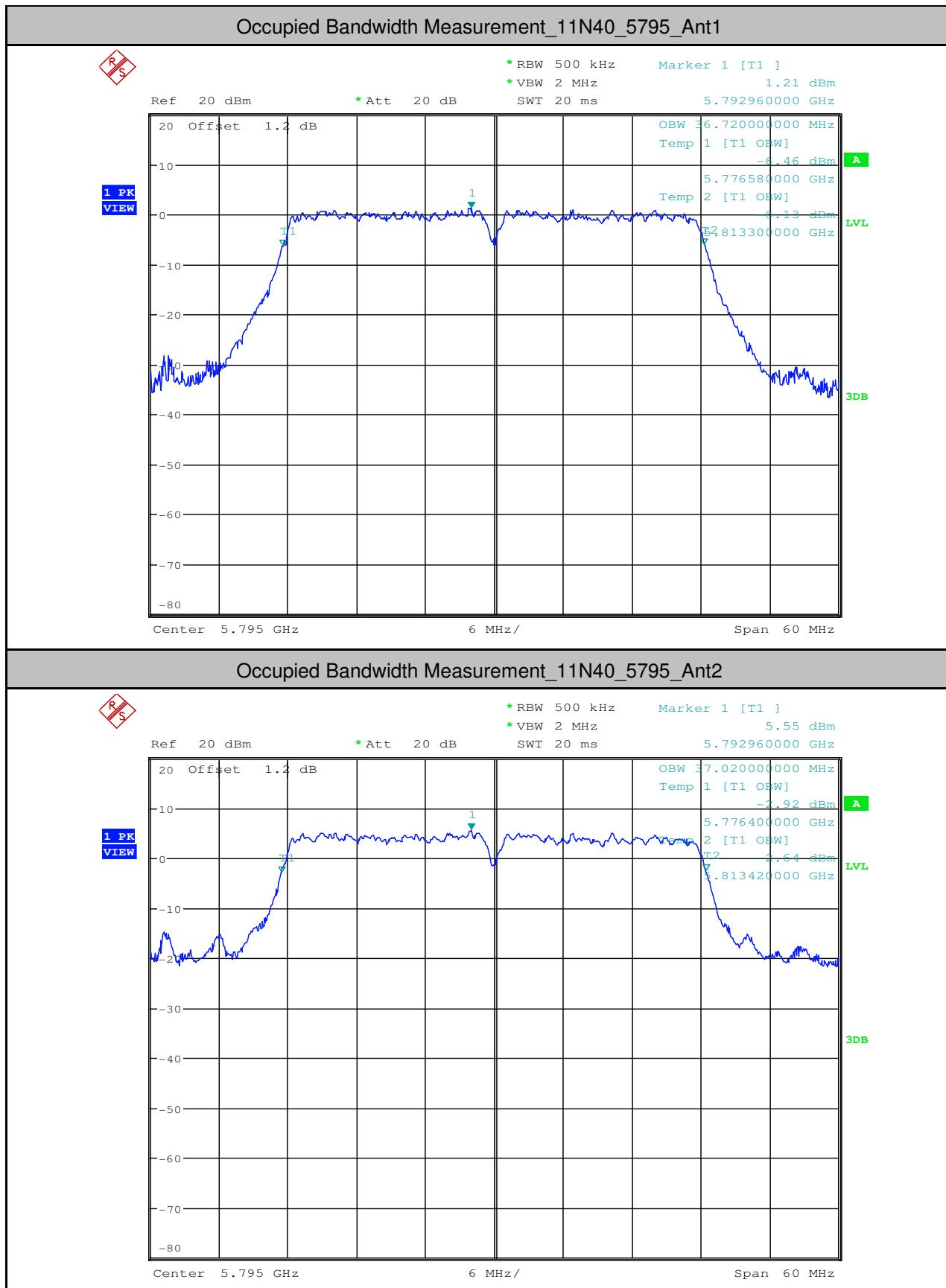


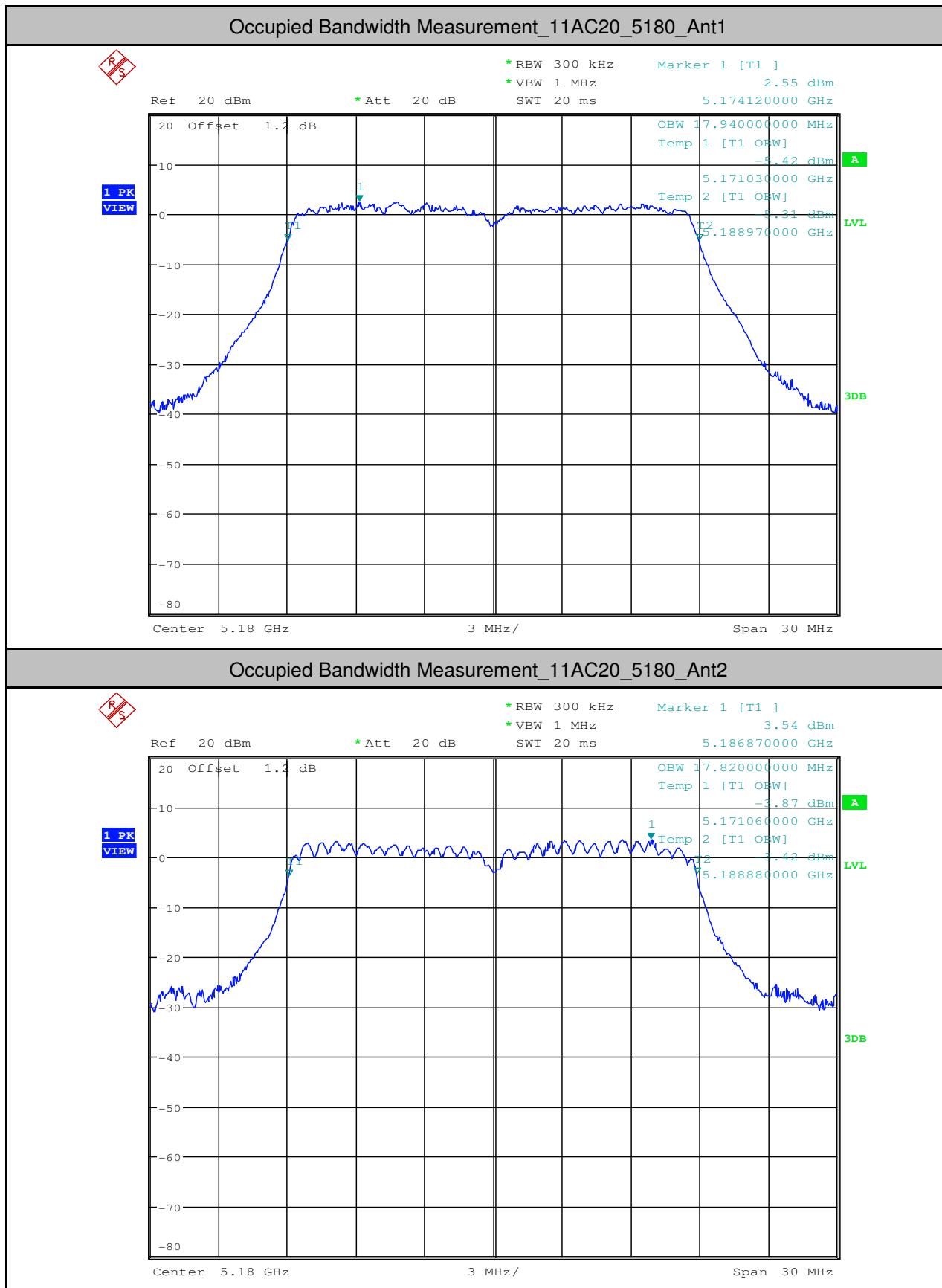


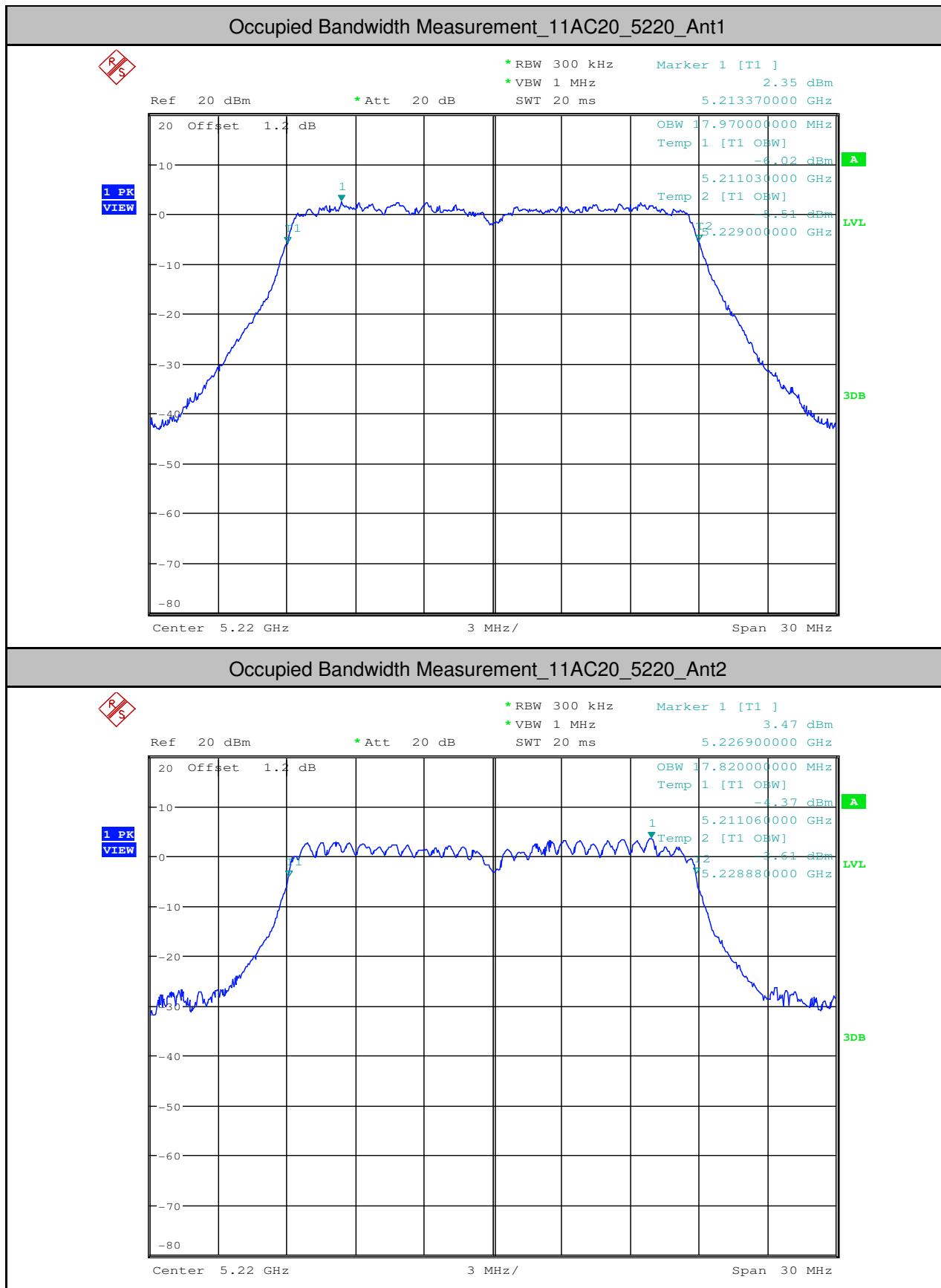


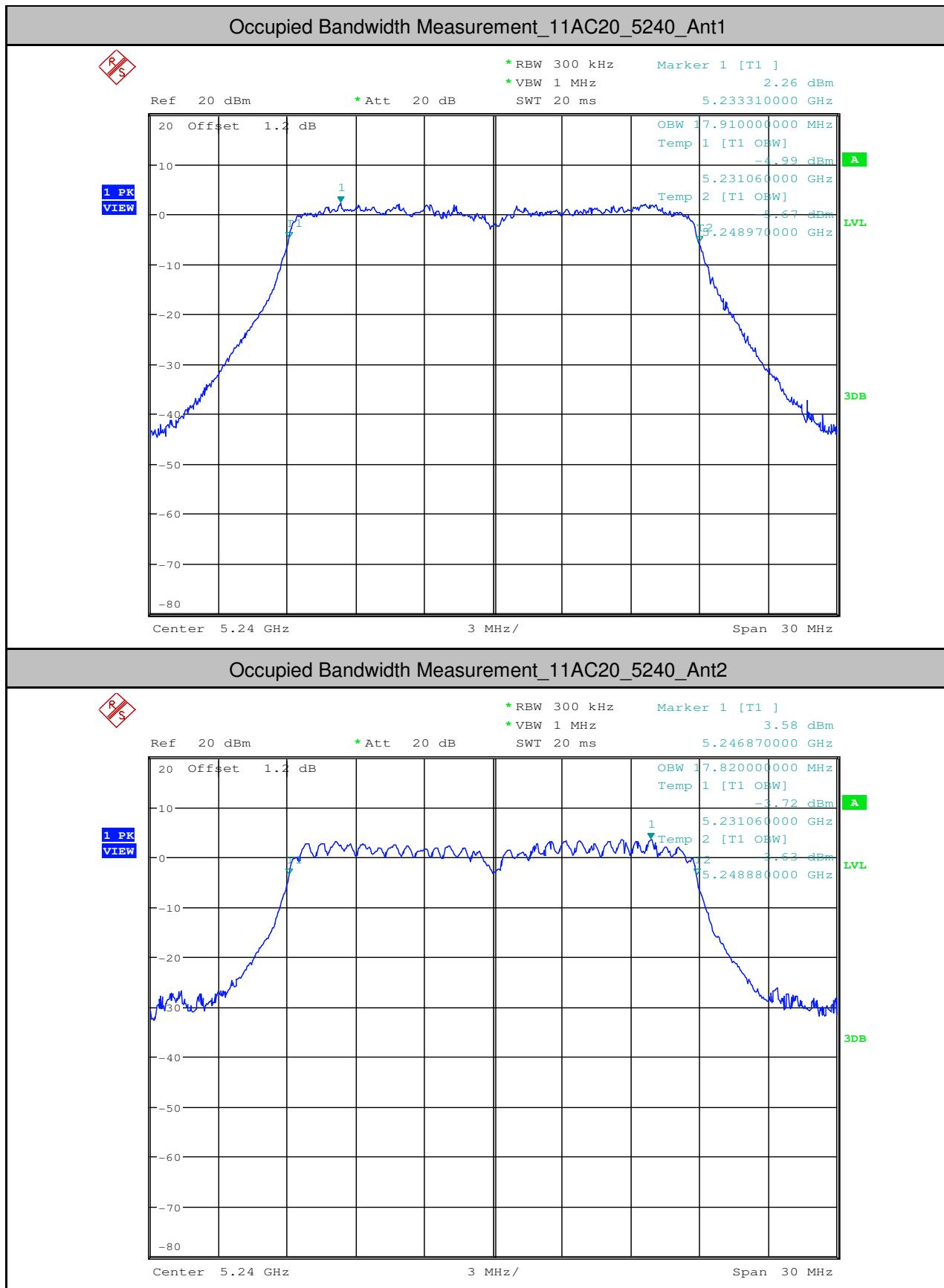


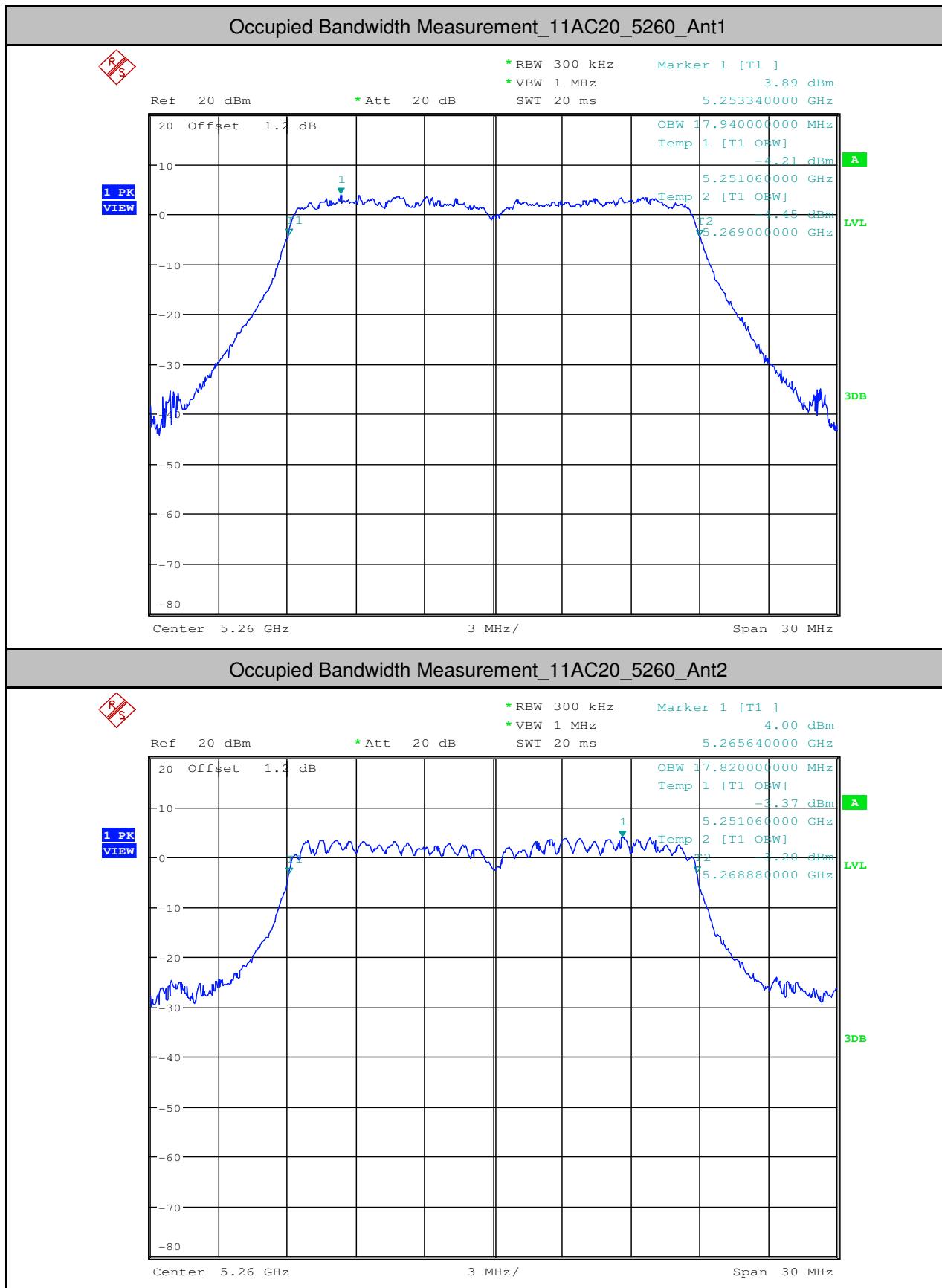


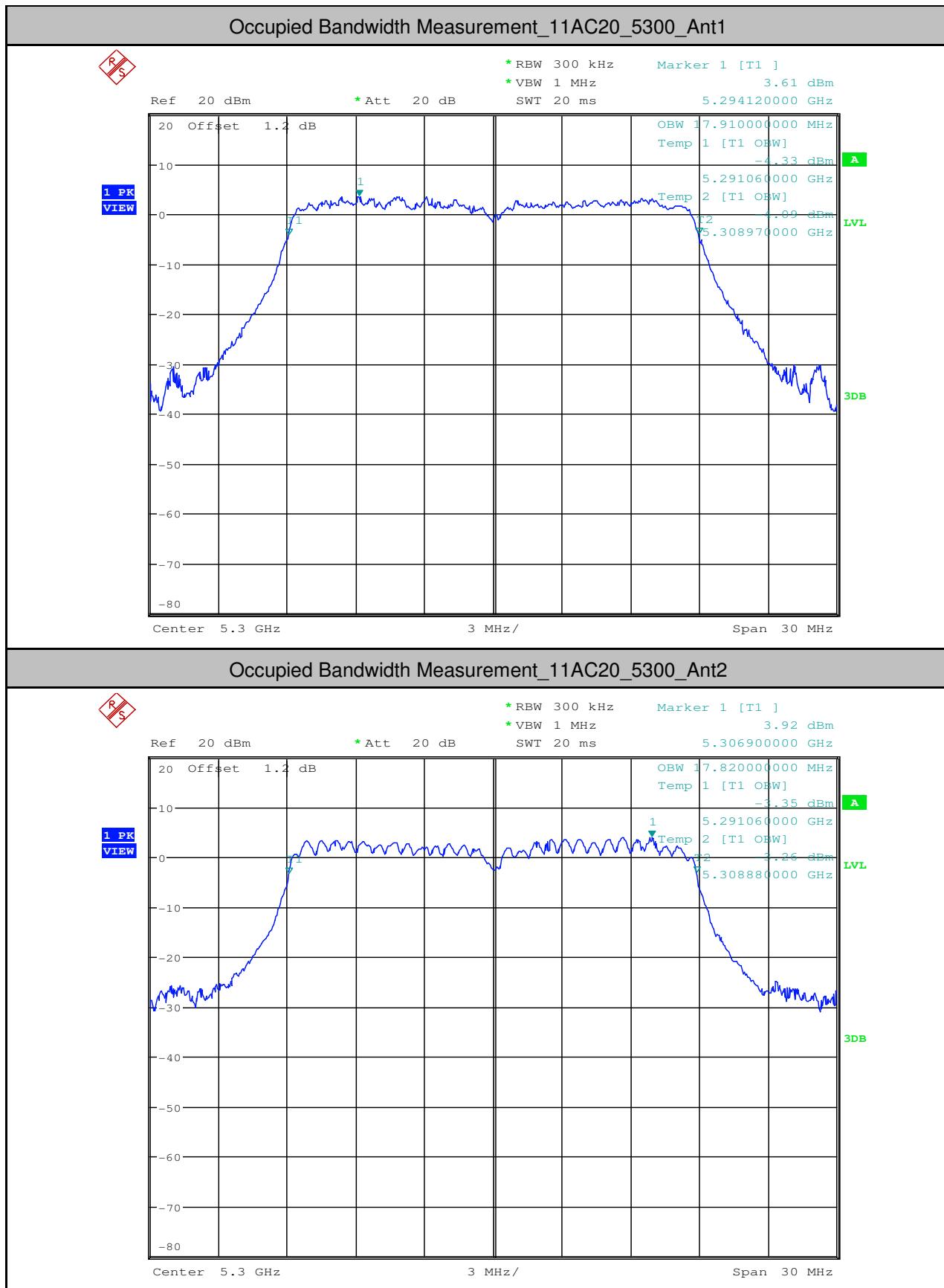


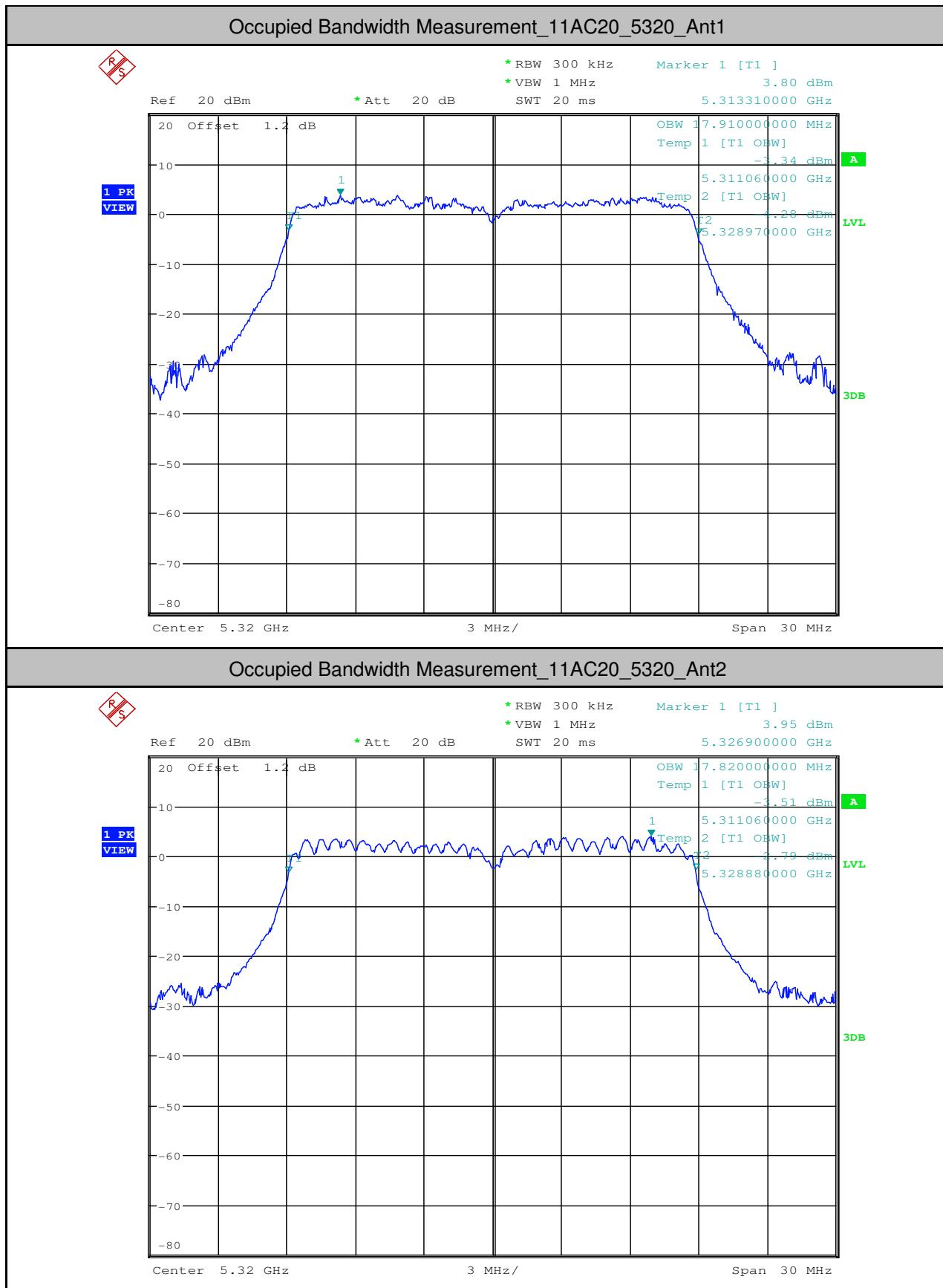


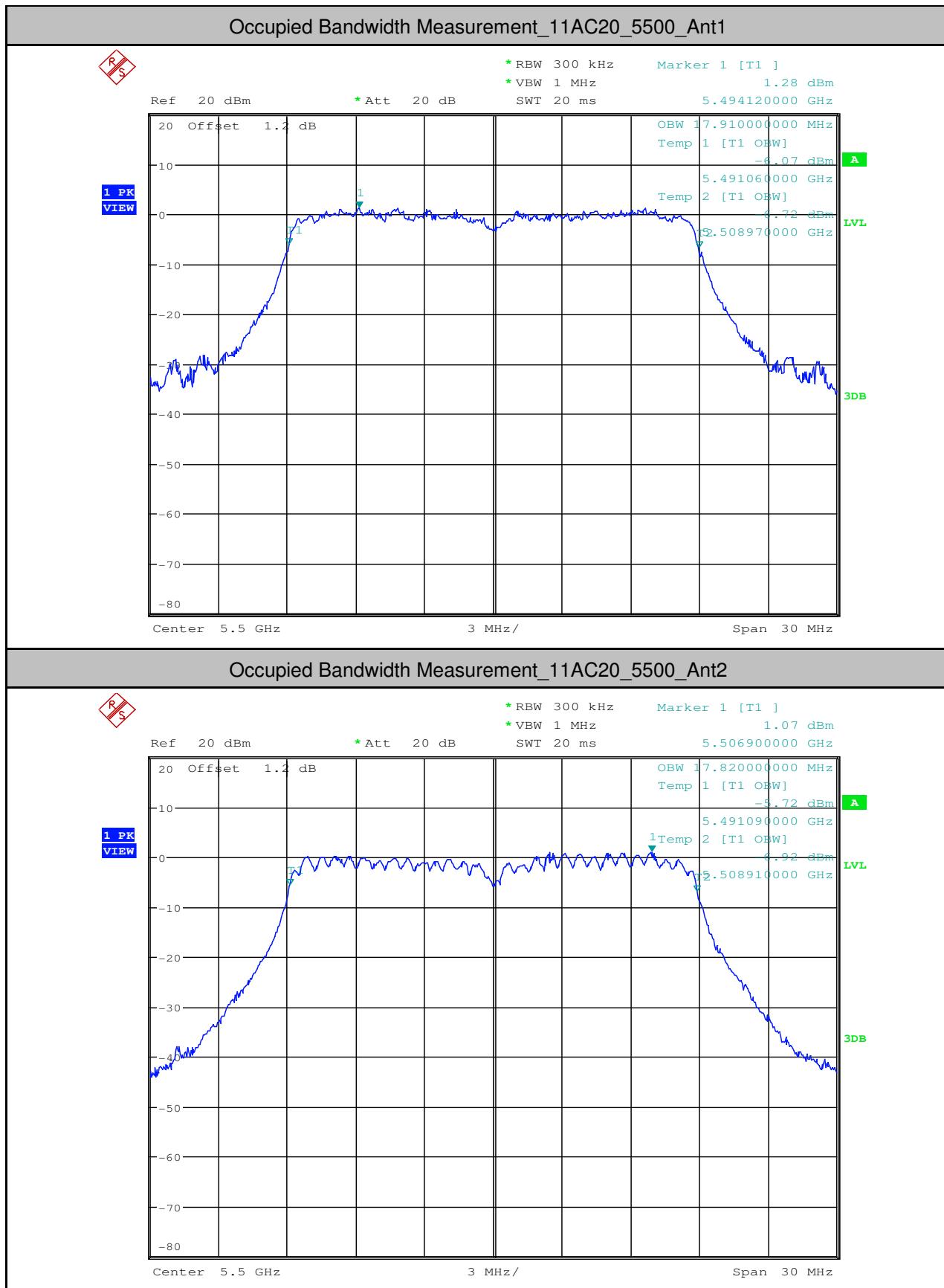


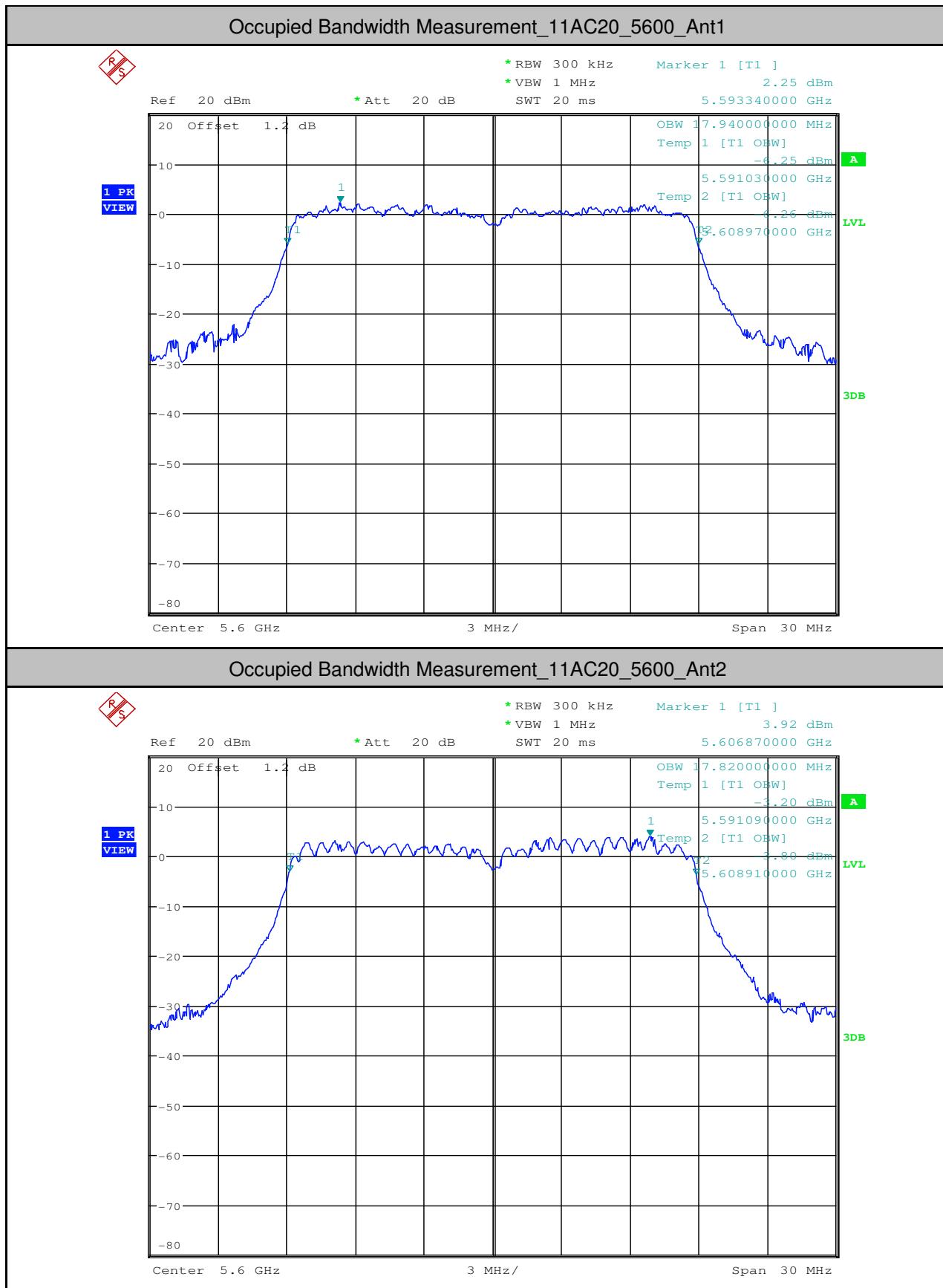


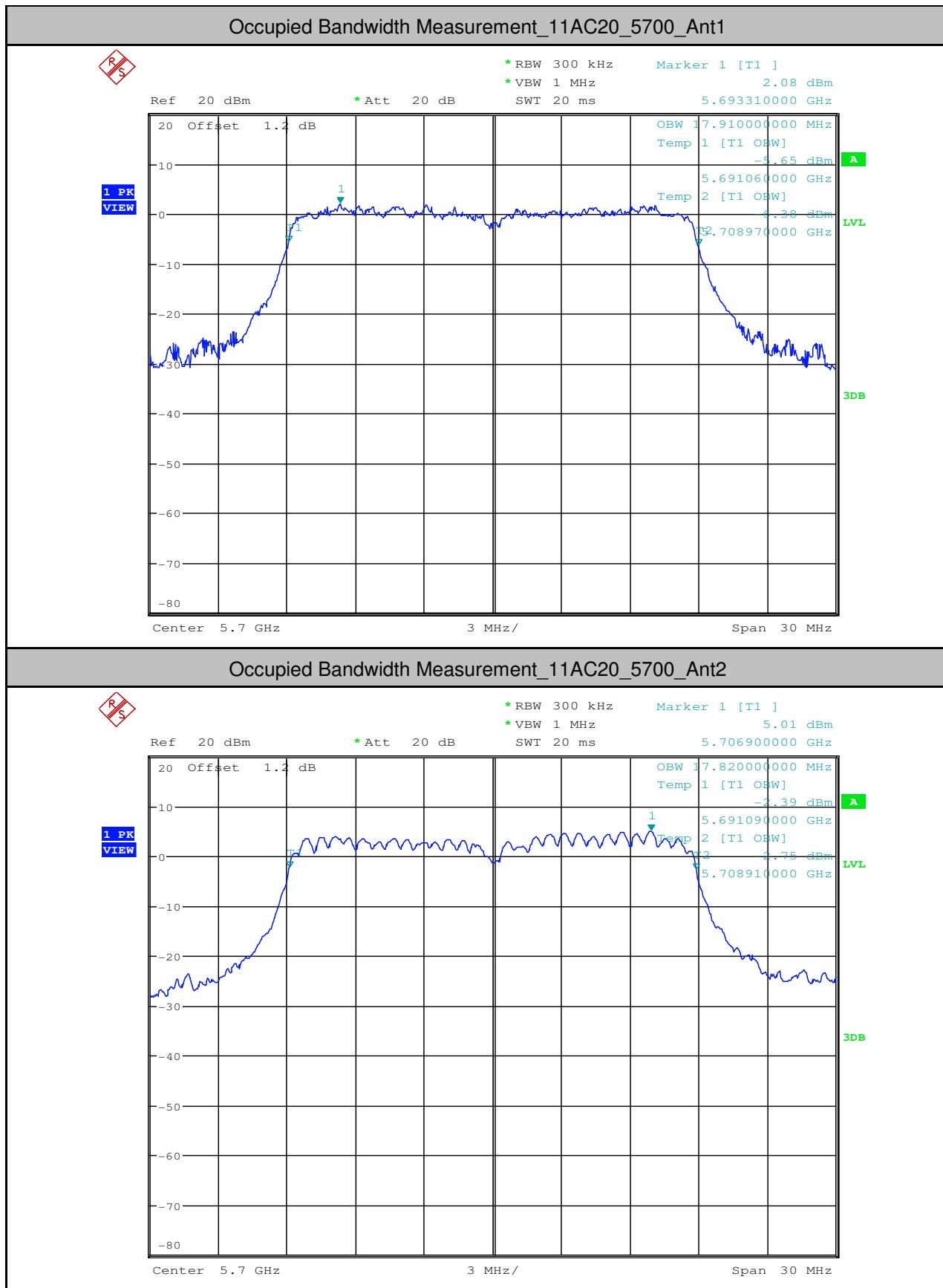


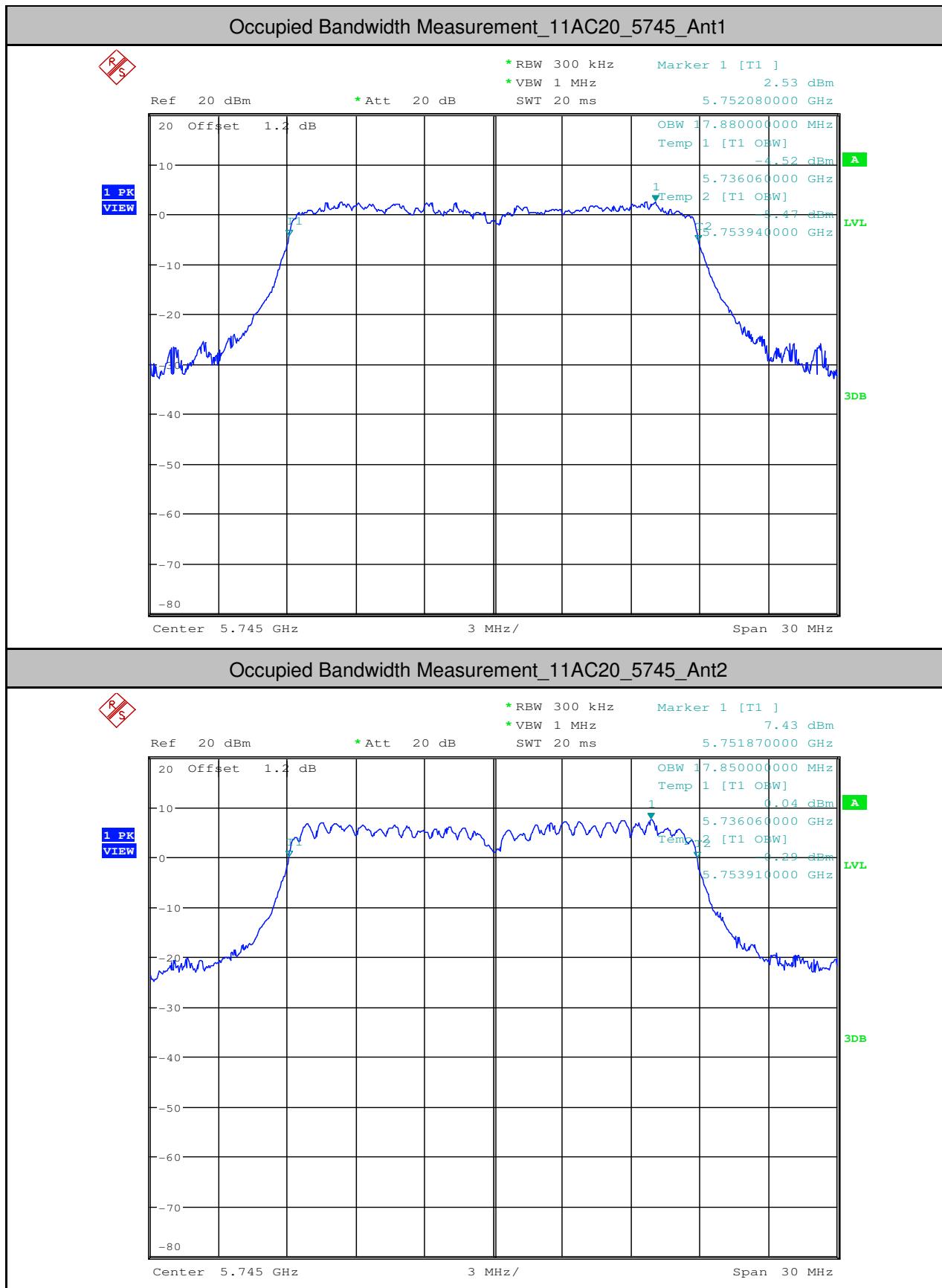


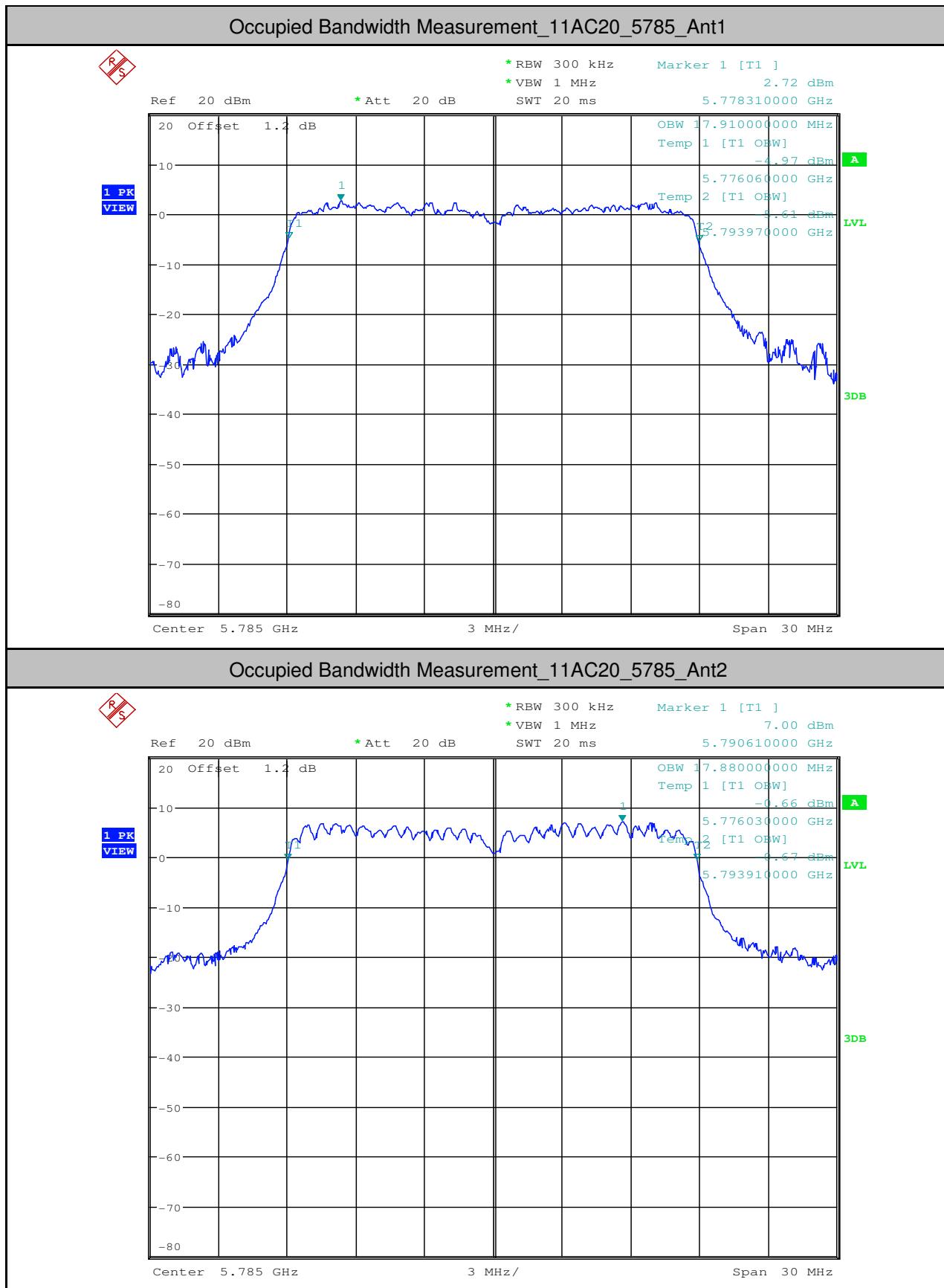


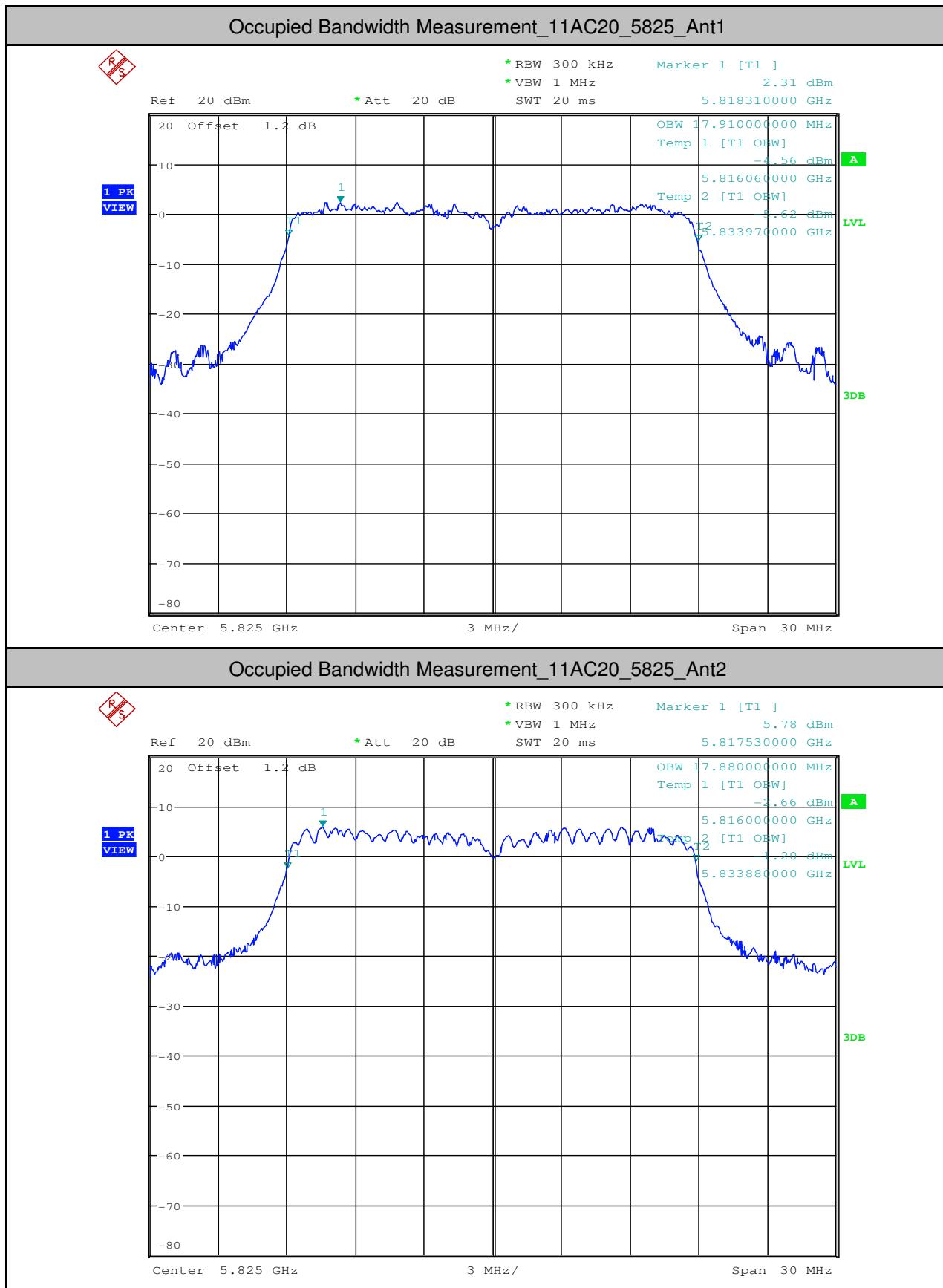


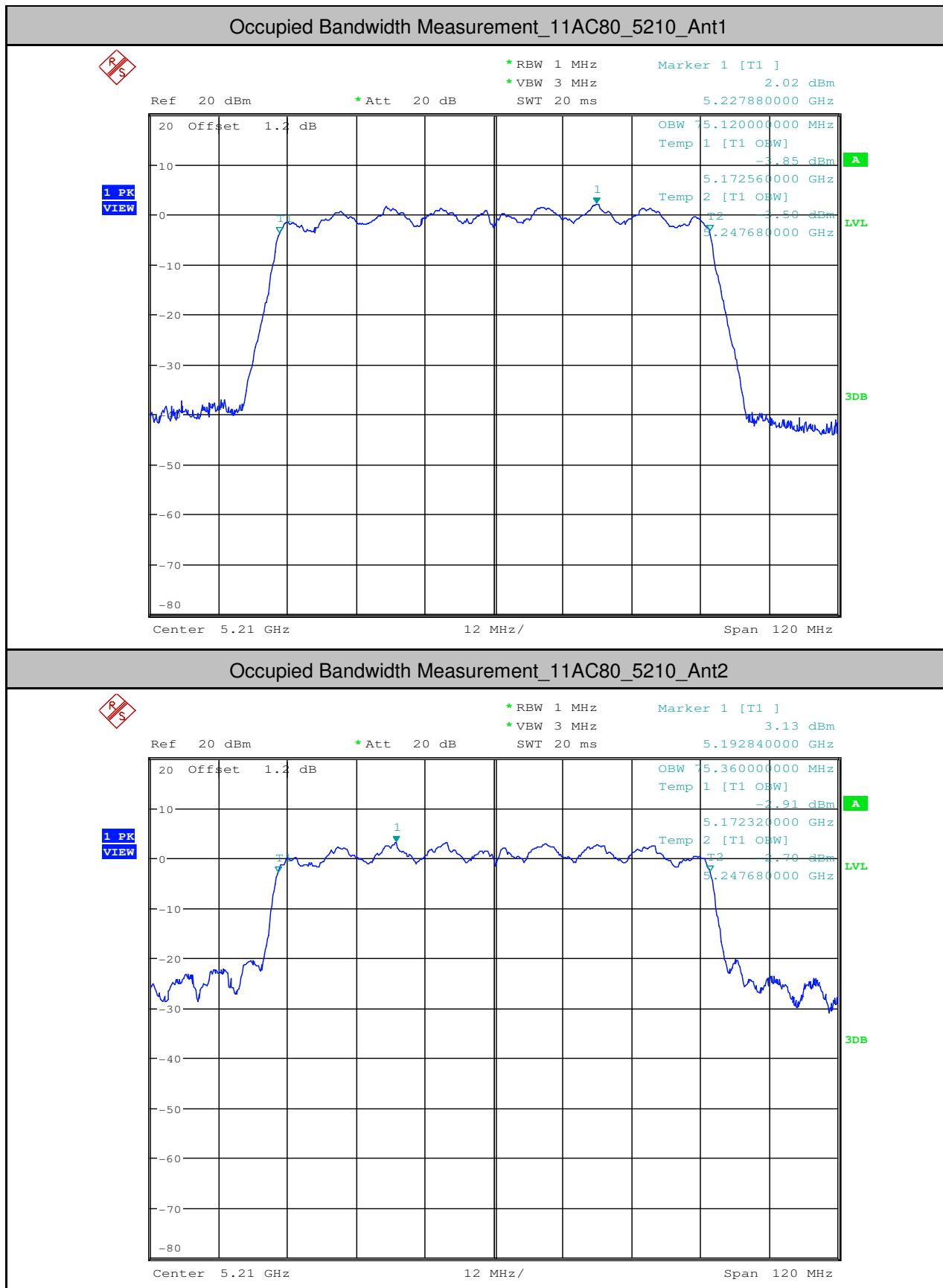


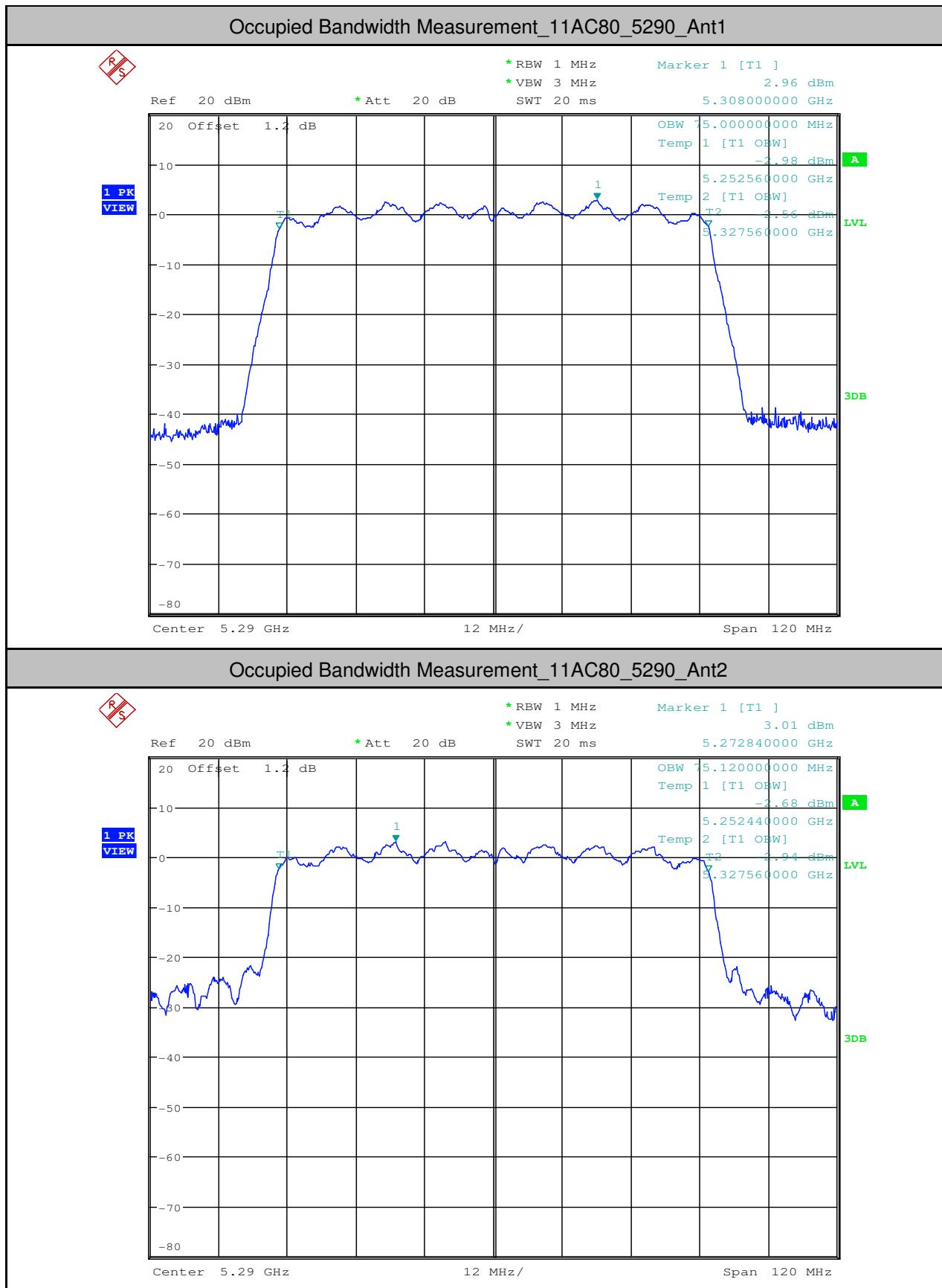


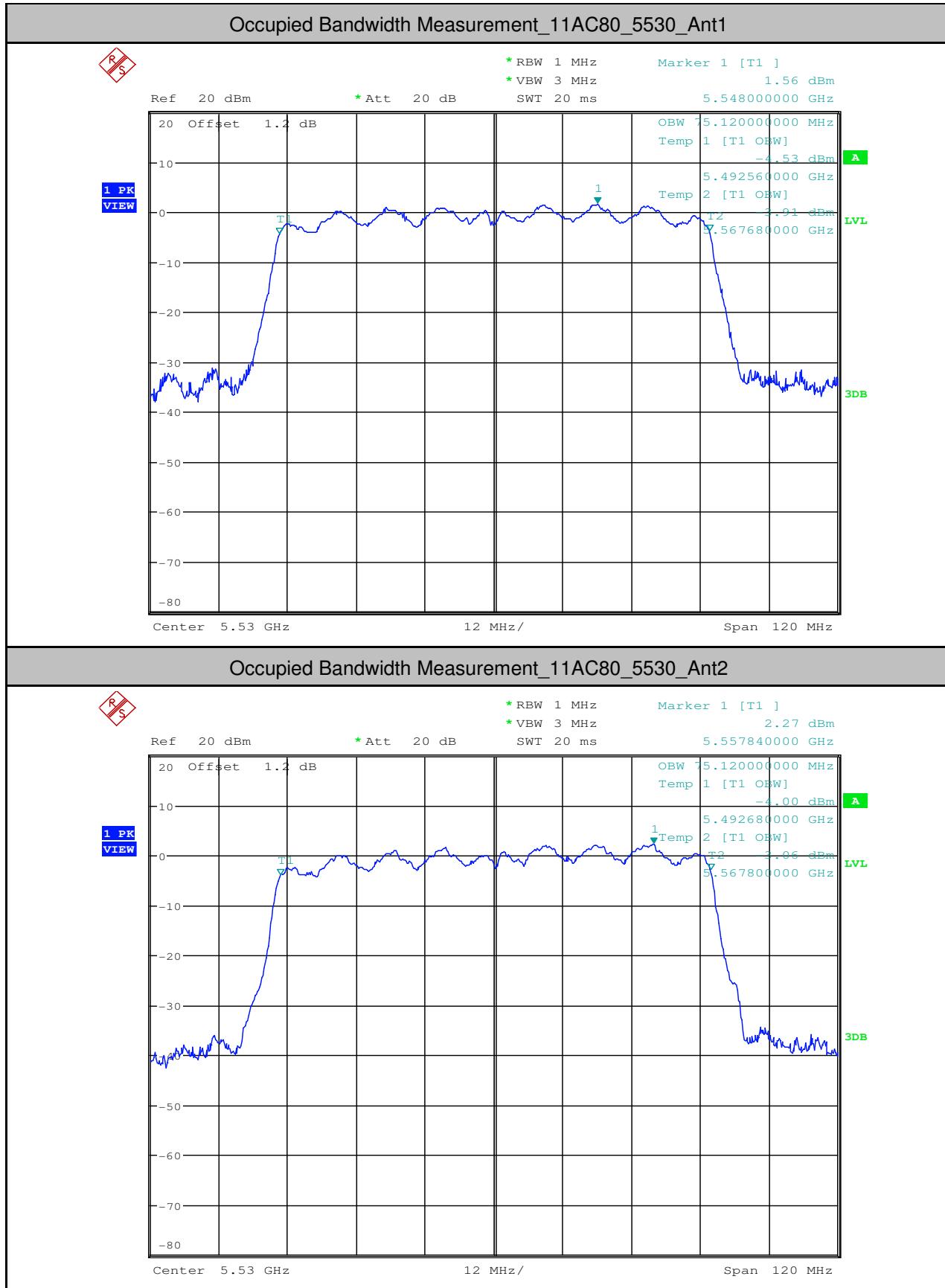


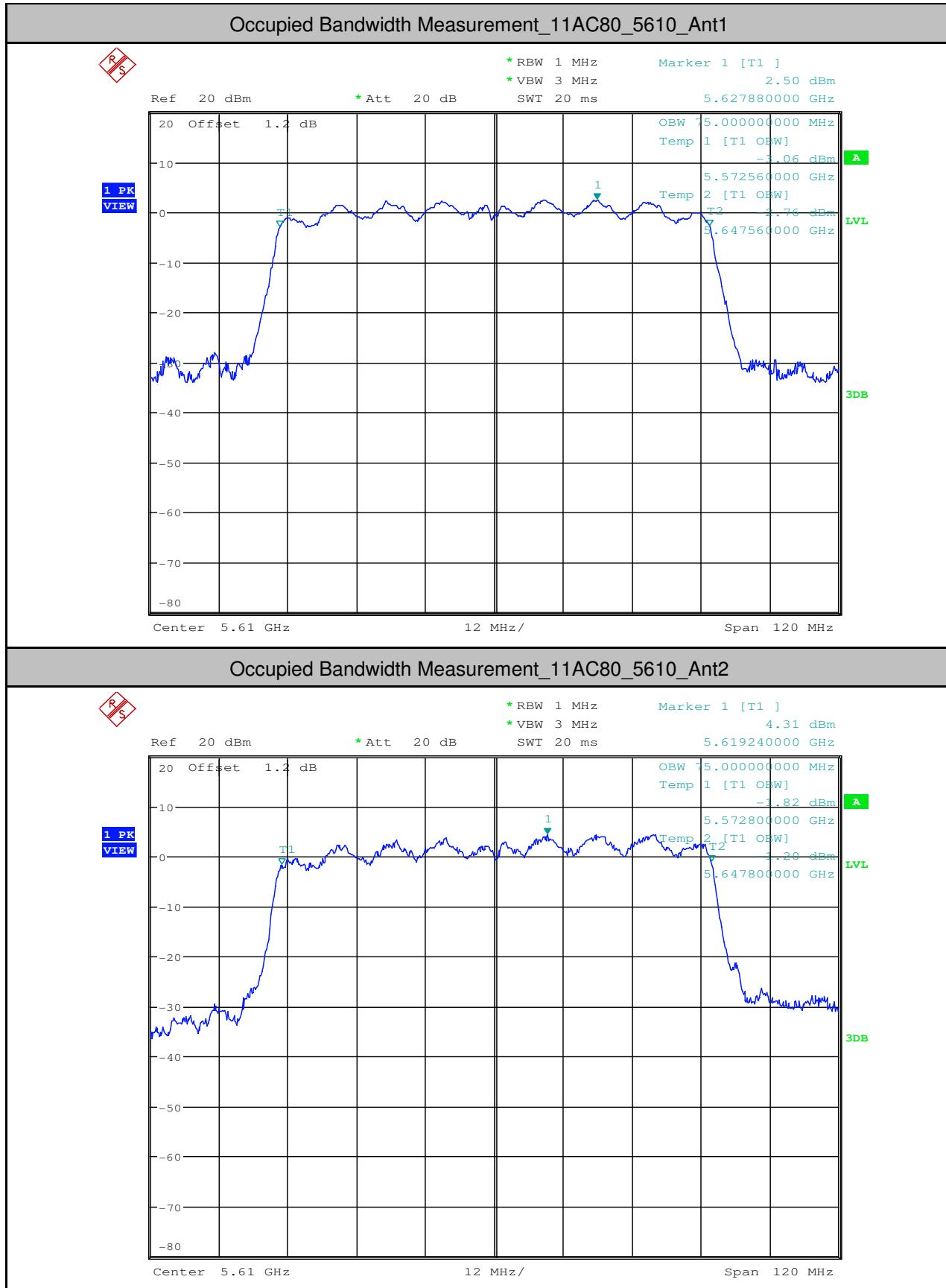


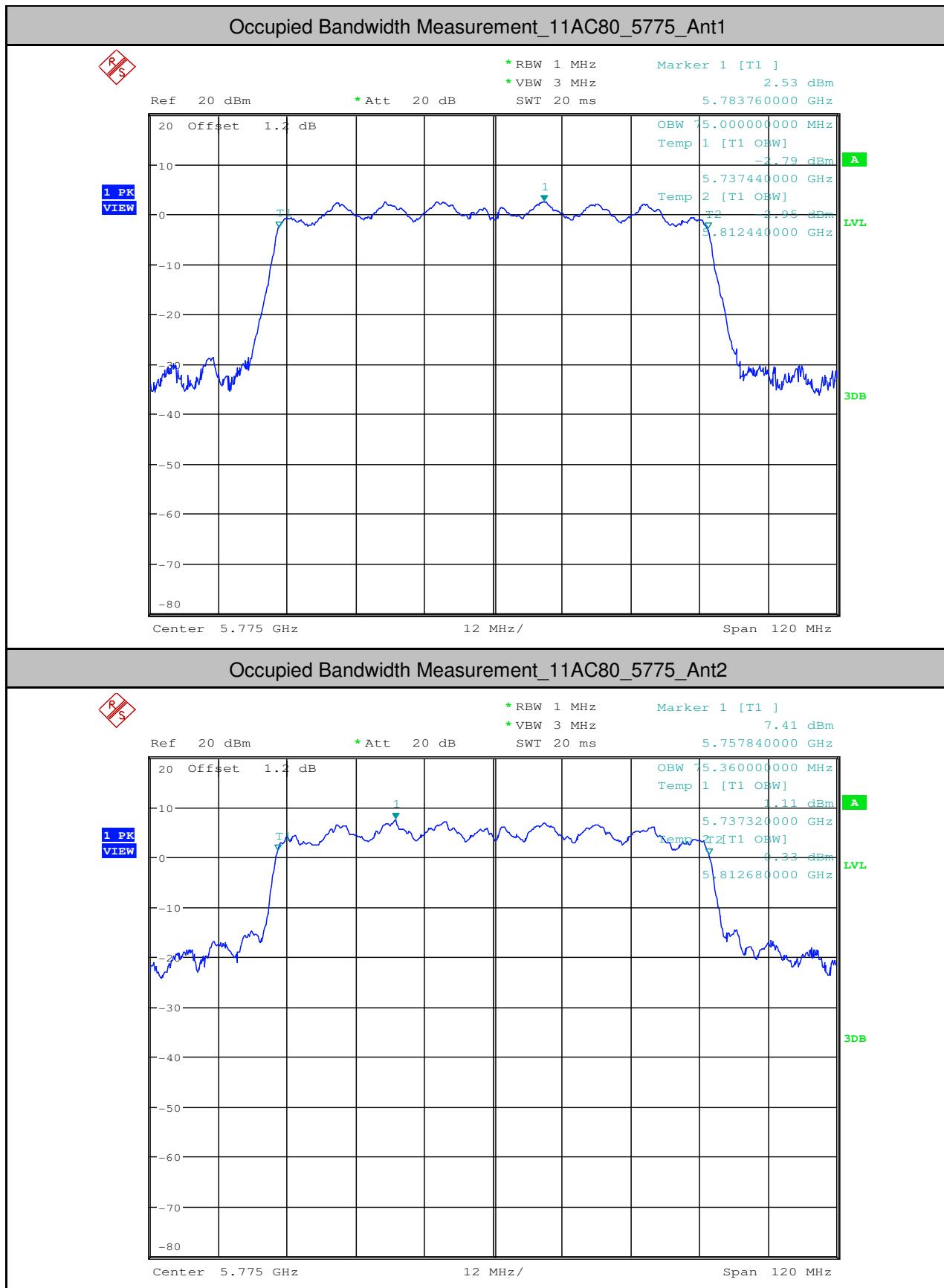


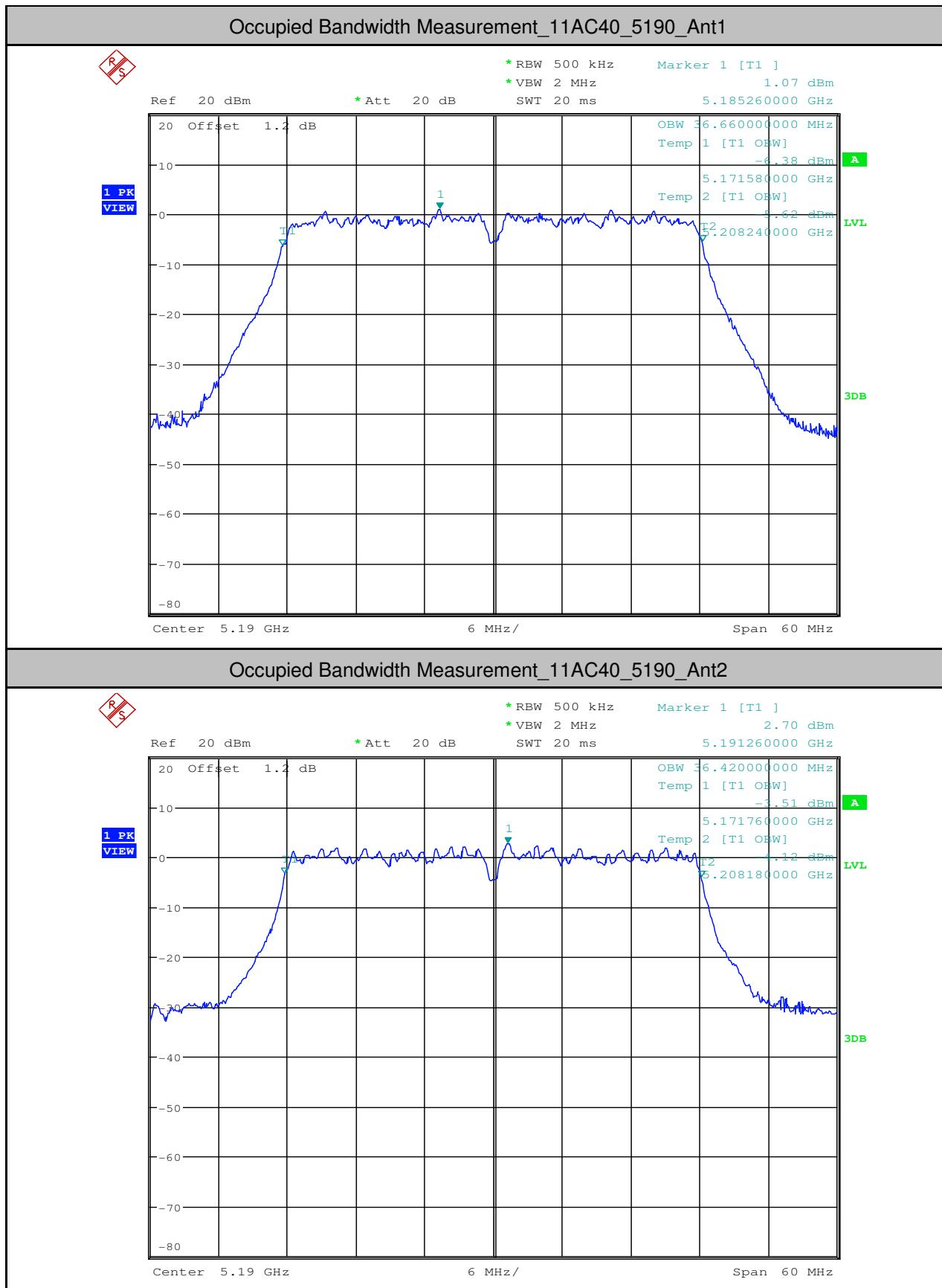


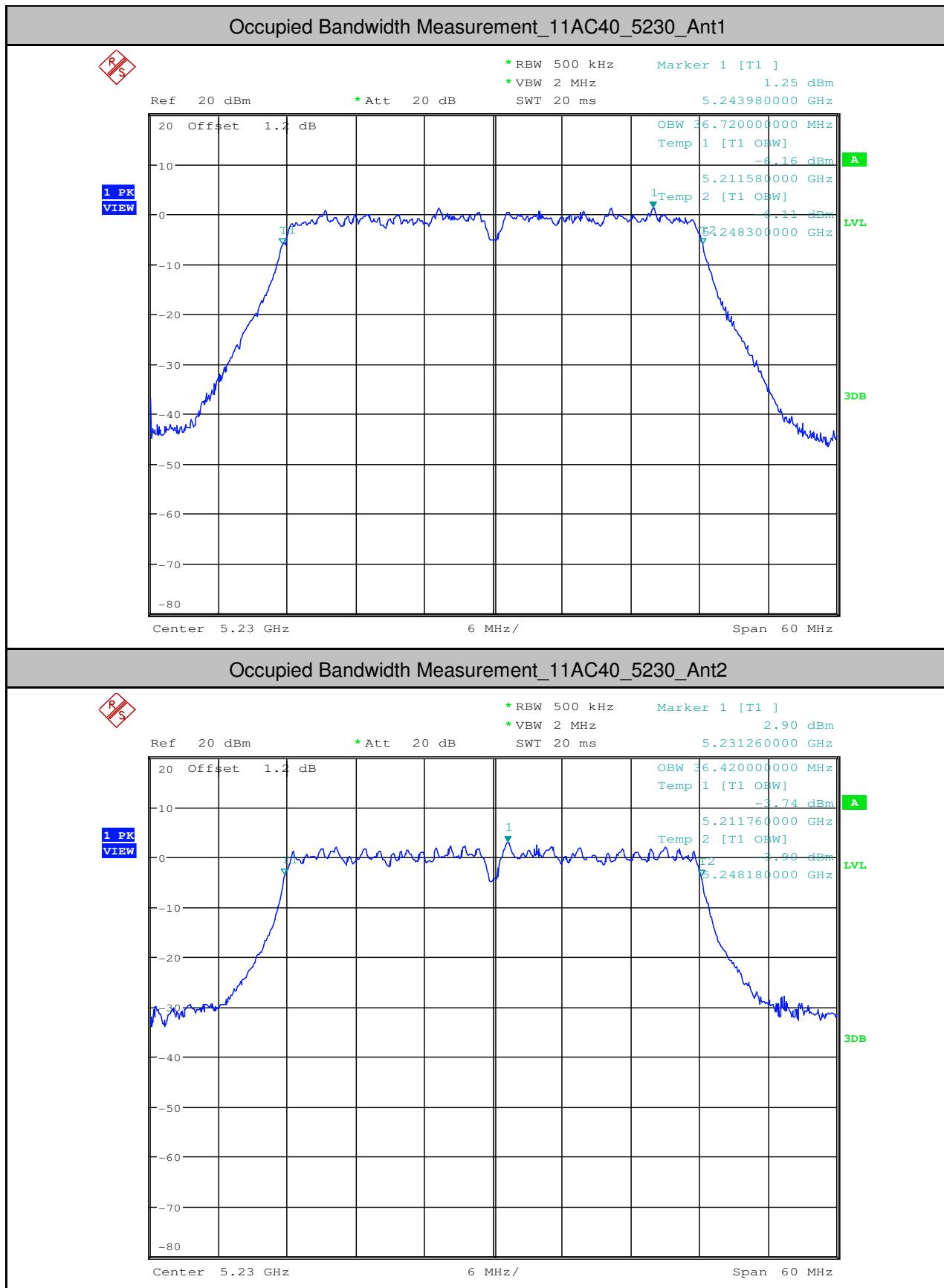


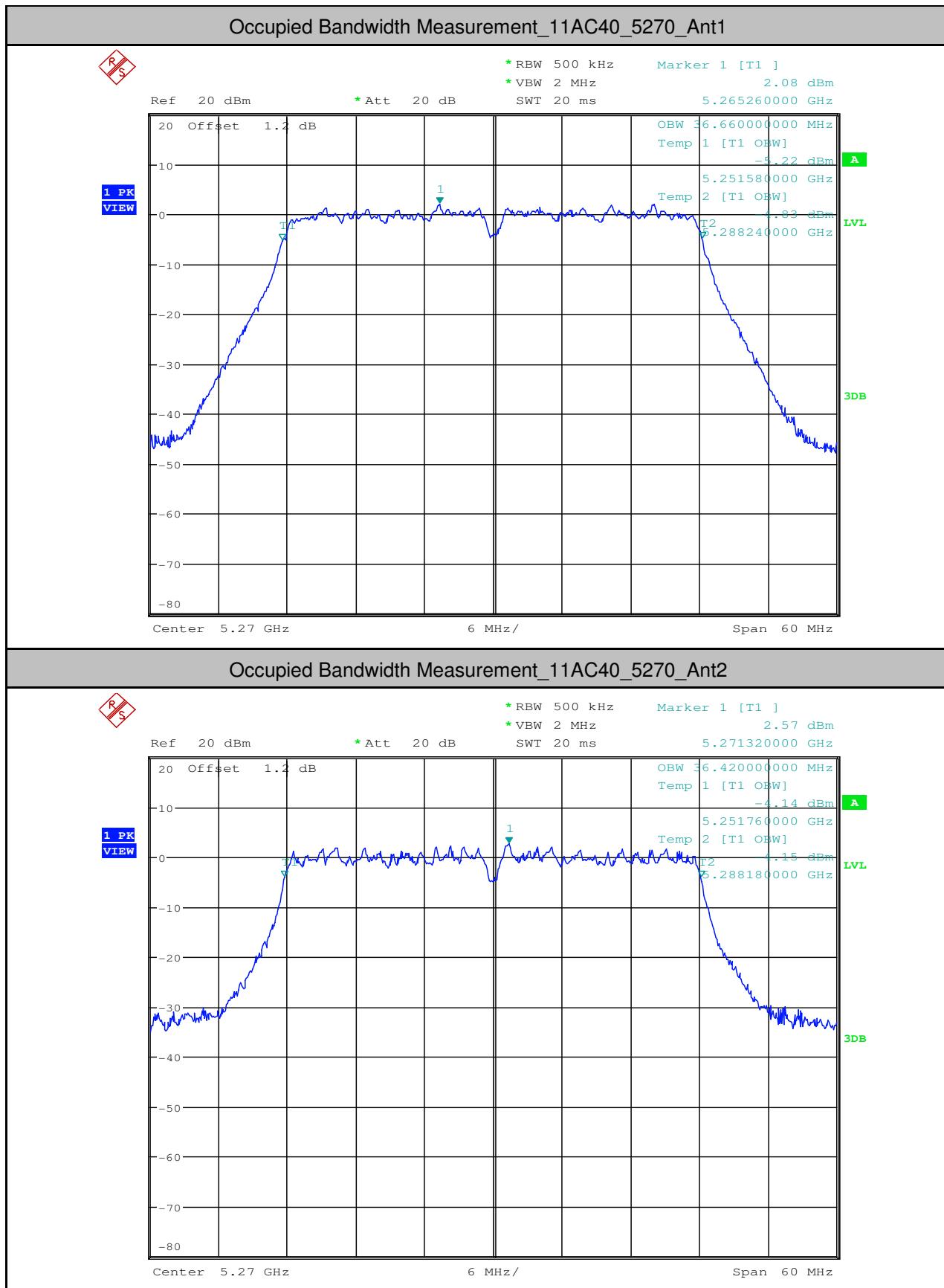


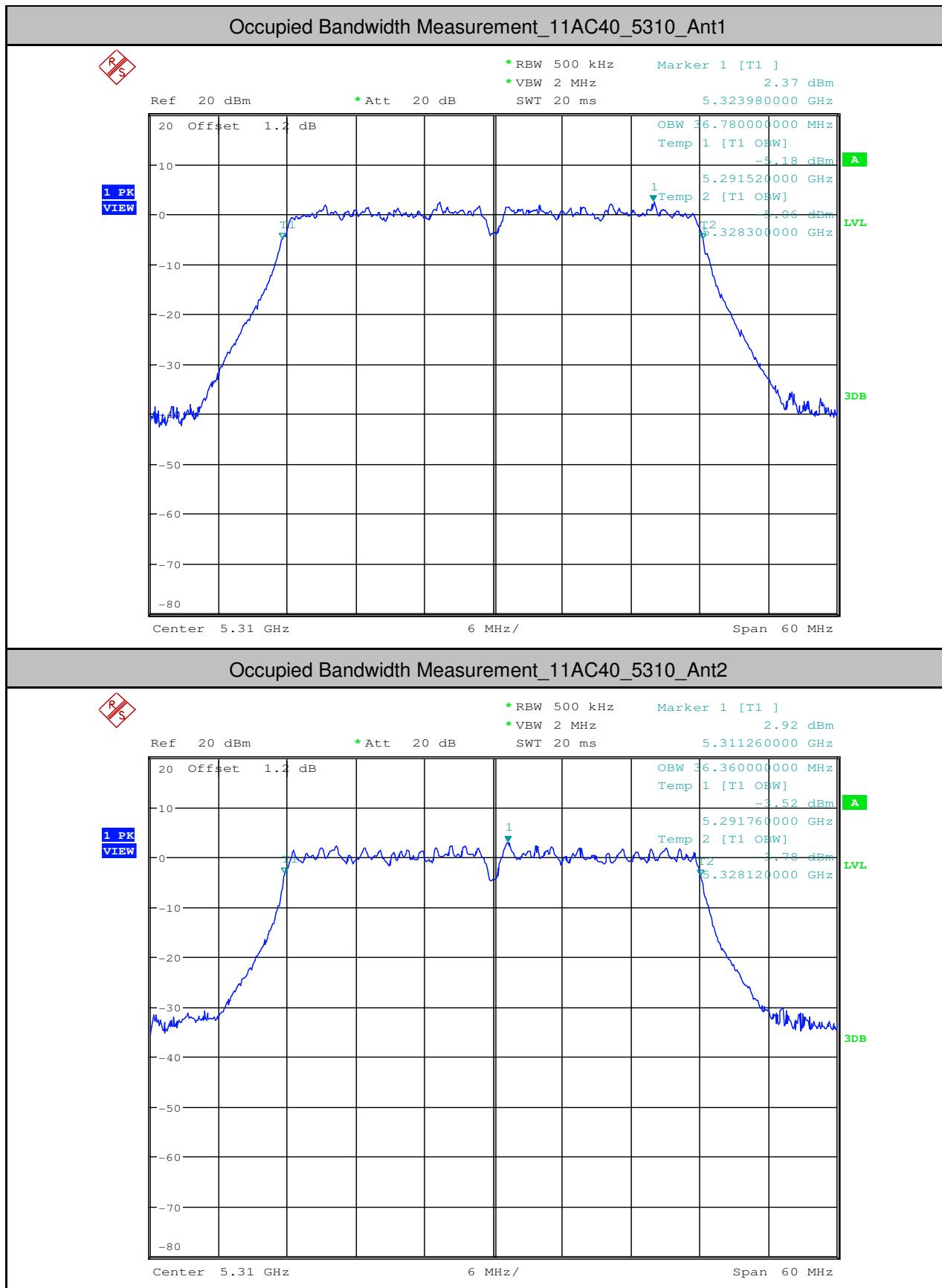


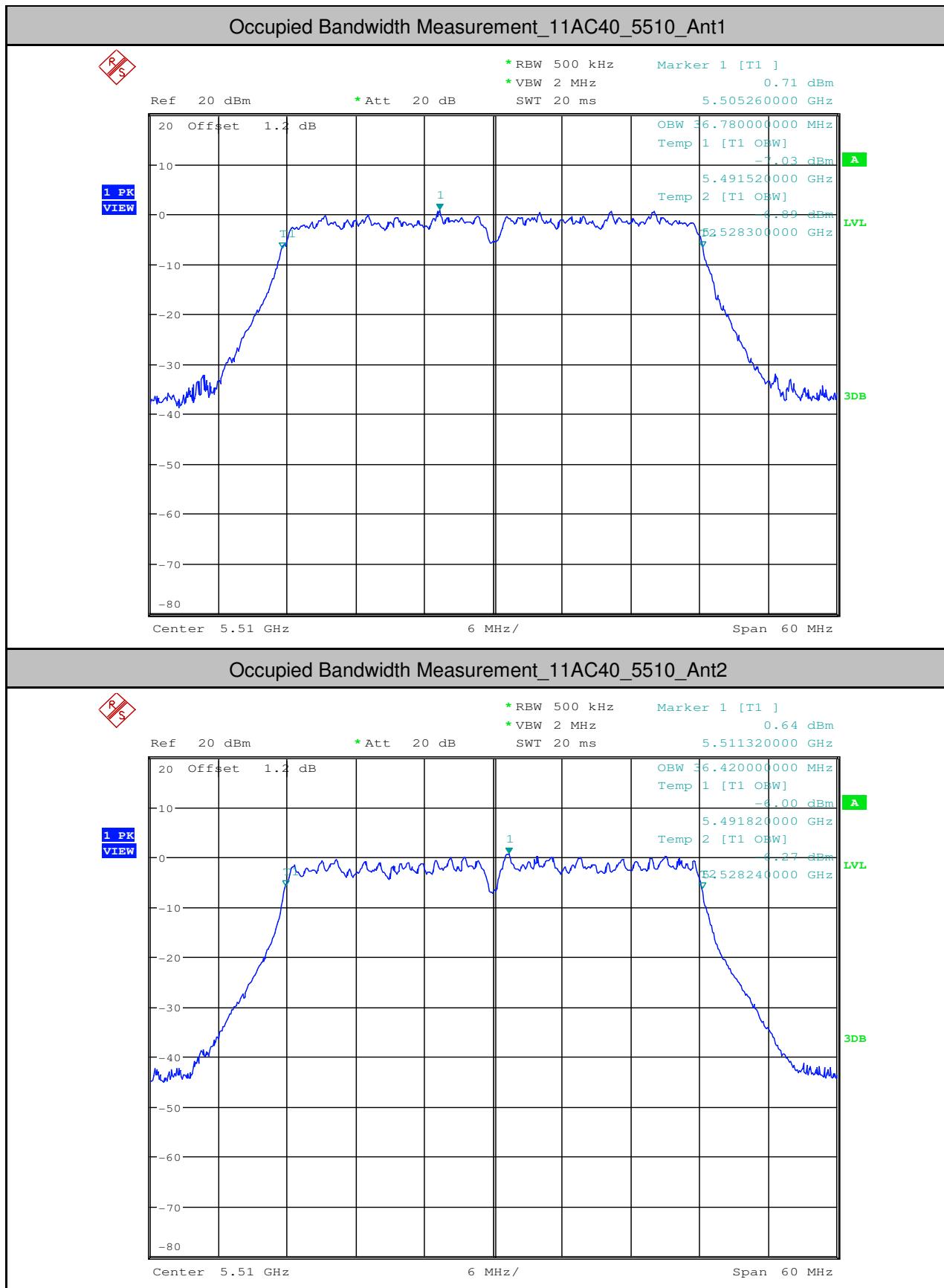


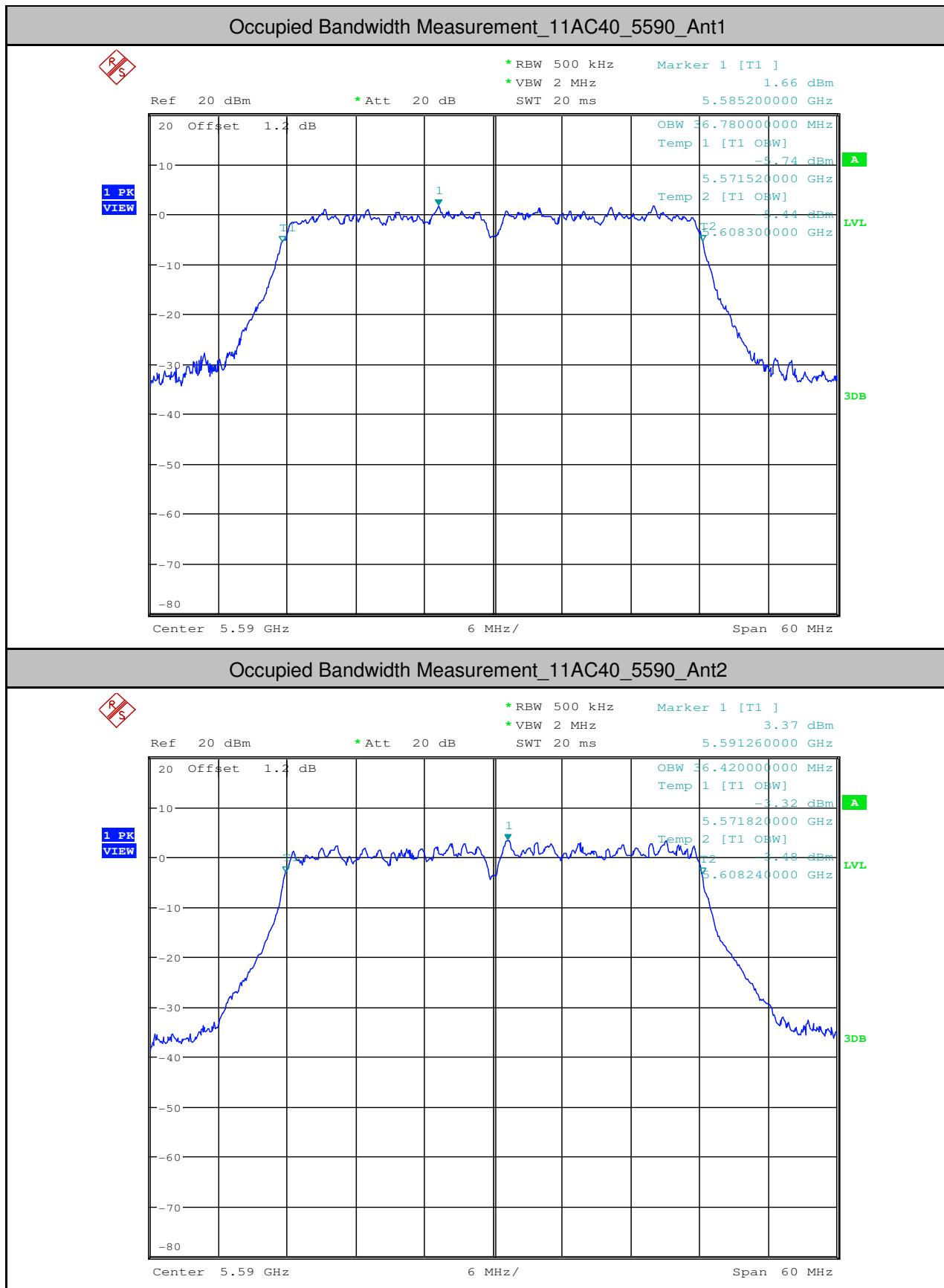


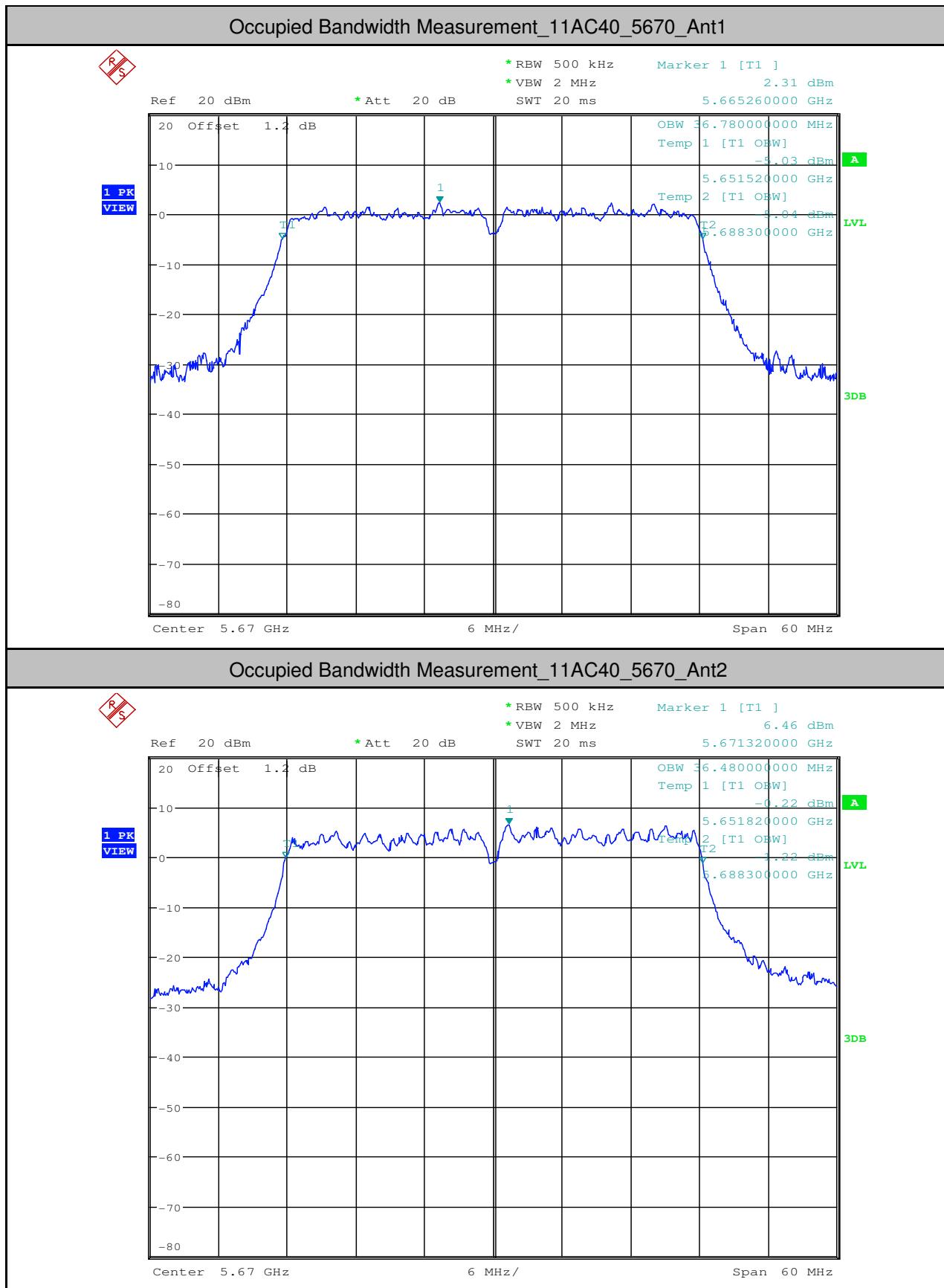


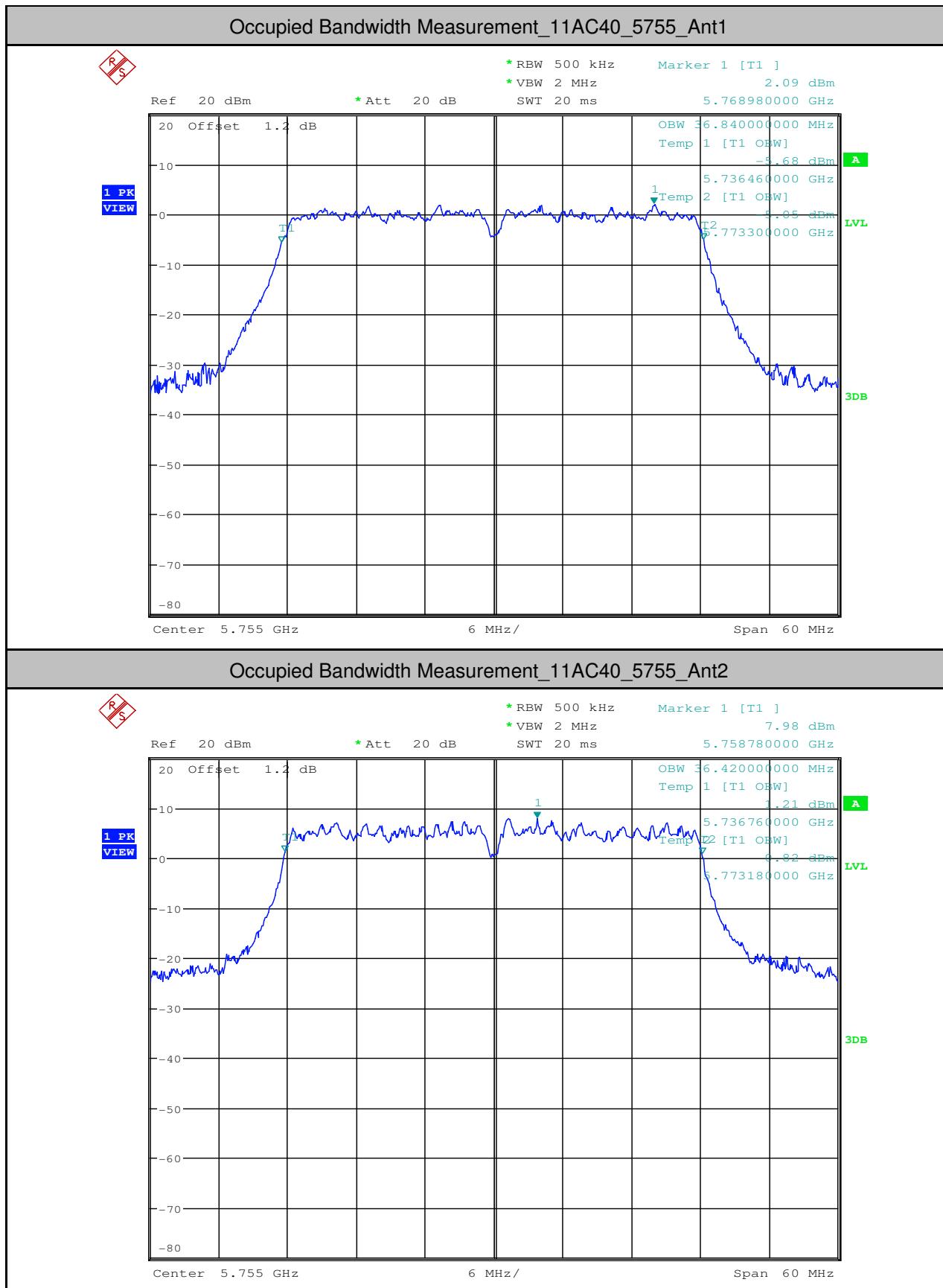


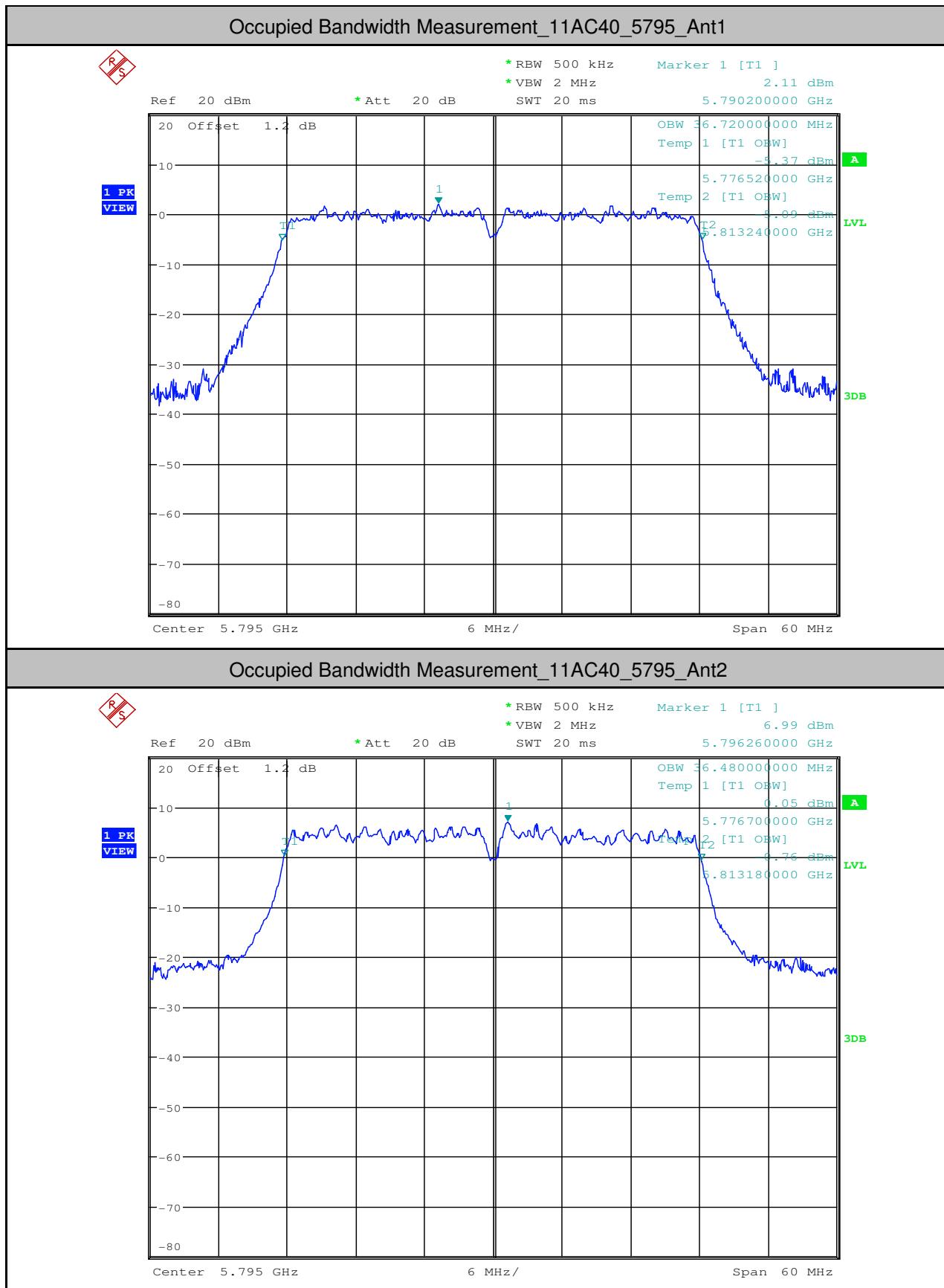












### **3. Maximum Conduct Output Power**

Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	11.43	<23.98	PASS
11A	5180	Ant2	11.12	<23.98	PASS
11A	5220	Ant1	12.30	<23.98	PASS
11A	5220	Ant2	11.07	<23.98	PASS
11A	5240	Ant1	12.36	<23.98	PASS
11A	5240	Ant2	11.29	<23.98	PASS
11A	5260	Ant1	12.45	<23.98	PASS
11A	5260	Ant2	11.44	<23.98	PASS
11A	5300	Ant1	12.56	<23.98	PASS
11A	5300	Ant2	11.38	<23.98	PASS
11A	5320	Ant1	12.27	<23.98	PASS
11A	5320	Ant2	11.32	<23.98	PASS
11A	5500	Ant1	10.75	<23.98	PASS
11A	5500	Ant2	10.71	<23.98	PASS
11A	5600	Ant1	11.87	<23.98	PASS
11A	5600	Ant2	11.75	<23.98	PASS
11A	5700	Ant1	11.56	<23.98	PASS
11A	5700	Ant2	12.14	<23.98	PASS
11A	5745	Ant1	11.77	<30.00	PASS
11A	5745	Ant2	15.31	<30.00	PASS
11A	5785	Ant1	11.92	<30.00	PASS
11A	5785	Ant2	15.07	<30.00	PASS
11A	5825	Ant1	11.71	<30.00	PASS
11A	5825	Ant2	13.98	<30.00	PASS
11N20	5180	Ant1	10.55	<23.98	PASS
11N20	5180	Ant2	11.03	<23.98	PASS
11N20	5220	Ant1	12.51	<23.98	PASS
11N20	5220	Ant2	11.86	<23.98	PASS
11N20	5240	Ant1	12.95	<23.98	PASS
11N20	5240	Ant2	12.10	<23.98	PASS

11N20	5260	Ant1	12.21	<23.98	PASS
11N20	5260	Ant2	12.17	<23.98	PASS
11N20	5300	Ant1	12.41	<23.98	PASS
11N20	5300	Ant2	12.16	<23.98	PASS
11N20	5320	Ant1	12.39	<23.98	PASS
11N20	5320	Ant2	11.77	<23.98	PASS
11N20	5500	Ant1	10.58	<23.98	PASS
11N20	5500	Ant2	9.87	<23.98	PASS
11N20	5600	Ant1	10.99	<23.98	PASS
11N20	5600	Ant2	12.87	<23.98	PASS
11N20	5700	Ant1	12.58	<23.98	PASS
11N20	5700	Ant2	12.98	<23.98	PASS
11N20	5745	Ant1	12.18	<30.00	PASS
11N20	5745	Ant2	15.27	<30.00	PASS
11N20	5785	Ant1	13.21	<30.00	PASS
11N20	5785	Ant2	15.30	<30.00	PASS
11N20	5825	Ant1	11.68	<30.00	PASS
11N20	5825	Ant2	14.32	<30.00	PASS
11N40	5190	Ant1	10.91	<23.98	PASS
11N40	5190	Ant2	10.03	<23.98	PASS
11N40	5230	Ant1	12.30	<23.98	PASS
11N40	5230	Ant2	10.70	<23.98	PASS
11N40	5270	Ant1	12.57	<23.98	PASS
11N40	5270	Ant2	11.18	<23.98	PASS
11N40	5310	Ant1	12.51	<23.98	PASS
11N40	5310	Ant2	10.77	<23.98	PASS
11N40	5510	Ant1	9.71	<23.98	PASS
11N40	5510	Ant2	9.27	<23.98	PASS
11N40	5590	Ant1	10.13	<23.98	PASS
11N40	5590	Ant2	11.98	<23.98	PASS
11N40	5670	Ant1	11.37	<23.98	PASS
11N40	5670	Ant2	14.84	<23.98	PASS
11N40	5755	Ant1	11.19	<30.00	PASS
11N40	5755	Ant2	15.56	<30.00	PASS

11N40	5795	Ant1	11.80	<30.00	PASS
11N40	5795	Ant2	15.13	<30.00	PASS
11AC20	5180	Ant1	11.45	<23.98	PASS
11AC20	5180	Ant2	11.82	<23.98	PASS
11AC20	5220	Ant1	11.72	<23.98	PASS
11AC20	5220	Ant2	11.66	<23.98	PASS
11AC20	5240	Ant1	11.60	<23.98	PASS
11AC20	5240	Ant2	11.84	<23.98	PASS
11AC20	5260	Ant1	12.74	<23.98	PASS
11AC20	5260	Ant2	12.30	<23.98	PASS
11AC20	5300	Ant1	12.60	<23.98	PASS
11AC20	5300	Ant2	12.22	<23.98	PASS
11AC20	5320	Ant1	12.54	<23.98	PASS
11AC20	5320	Ant2	12.28	<23.98	PASS
11AC20	5500	Ant1	10.03	<23.98	PASS
11AC20	5500	Ant2	9.25	<23.98	PASS
11AC20	5600	Ant1	10.83	<23.98	PASS
11AC20	5600	Ant2	12.05	<23.98	PASS
11AC20	5700	Ant1	11.79	<23.98	PASS
11AC20	5700	Ant2	13.00	<23.98	PASS
11AC20	5745	Ant1	11.46	<30.00	PASS
11AC20	5745	Ant2	15.50	<30.00	PASS
11AC20	5785	Ant1	10.95	<30.00	PASS
11AC20	5785	Ant2	15.24	<30.00	PASS
11AC20	5825	Ant1	11.42	<30.00	PASS
11AC20	5825	Ant2	14.21	<30.00	PASS
11AC80	5210	Ant1	9.80	<23.98	PASS
11AC80	5210	Ant2	10.92	<23.98	PASS
11AC80	5290	Ant1	10.83	<23.98	PASS
11AC80	5290	Ant2	10.88	<23.98	PASS
11AC80	5530	Ant1	9.57	<23.98	PASS
11AC80	5530	Ant2	9.90	<23.98	PASS
11AC80	5610	Ant1	10.53	<23.98	PASS
11AC80	5610	Ant2	12.57	<23.98	PASS

11AC80	5775	Ant1	10.55	<30.00	PASS
11AC80	5775	Ant2	15.07	<30.00	PASS
11AC40	5190	Ant1	9.91	<23.98	PASS
11AC40	5190	Ant2	10.82	<23.98	PASS
11AC40	5230	Ant1	10.42	<23.98	PASS
11AC40	5230	Ant2	10.95	<23.98	PASS
11AC40	5270	Ant1	11.39	<23.98	PASS
11AC40	5270	Ant2	11.21	<23.98	PASS
11AC40	5310	Ant1	11.41	<23.98	PASS
11AC40	5310	Ant2	10.93	<23.98	PASS
11AC40	5510	Ant1	9.77	<23.98	PASS
11AC40	5510	Ant2	8.79	<23.98	PASS
11AC40	5590	Ant1	10.72	<23.98	PASS
11AC40	5590	Ant2	11.48	<23.98	PASS
11AC40	5670	Ant1	11.18	<23.98	PASS
11AC40	5670	Ant2	14.94	<23.98	PASS
11AC40	5755	Ant1	10.98	<30.00	PASS
11AC40	5755	Ant2	15.52	<30.00	PASS
11AC40	5795	Ant1	11.20	<30.00	PASS
11AC40	5795	Ant2	15.01	<30.00	PASS
11N20	5180	Ant1+ Ant2	13.81	<23.98	PASS
11N20	5220	Ant1+ Ant2	15.21	<23.98	PASS
11N20	5240	Ant1+ Ant2	15.56	<23.98	PASS
11N20	5260	Ant1+ Ant2	15.20	<23.98	PASS
11N20	5300	Ant1+ Ant2	15.30	<23.98	PASS
11N20	5320	Ant1+ Ant2	15.10	<23.98	PASS
11N20	5500	Ant1+ Ant2	13.25	<23.98	PASS
11N20	5600	Ant1+ Ant2	15.04	<23.98	PASS
11N20	5700	Ant1+ Ant2	15.79	<23.98	PASS
11N20	5745	Ant1+ Ant2	17.00	<30.00	PASS
11N20	5785	Ant1+ Ant2	17.39	<30.00	PASS
11N20	5825	Ant1+ Ant2	16.21	<30.00	PASS
11N40	5190	Ant1+ Ant2	13.50	<23.98	PASS



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM180300232405  
Page: 445 of 636

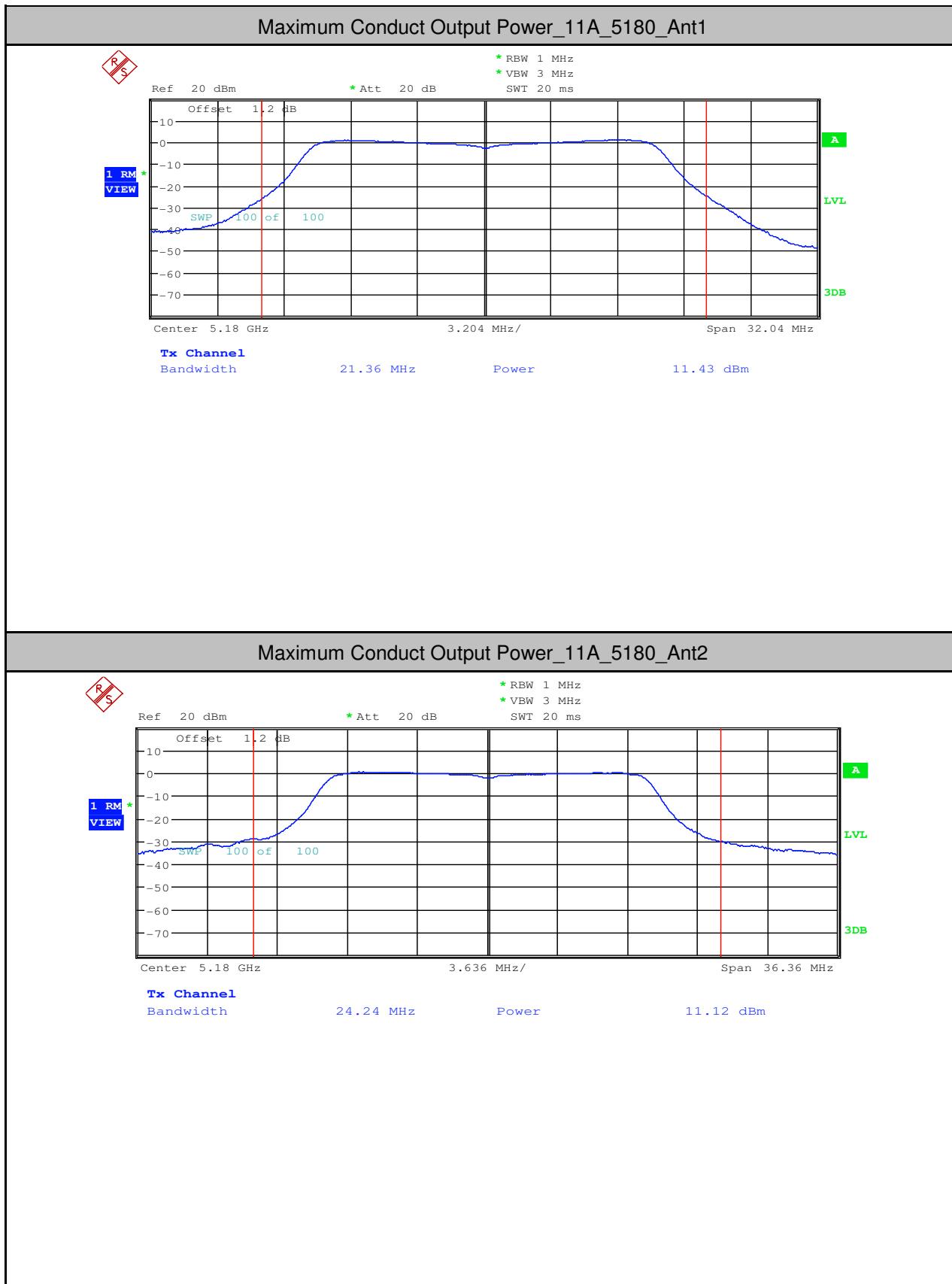
11N40	5230	Ant1+ Ant2	14.58	<23.98	PASS
11N40	5270	Ant1+ Ant2	14.94	<23.98	PASS
11N40	5310	Ant1+ Ant2	14.74	<23.98	PASS
11N40	5510	Ant1+ Ant2	12.51	<23.98	PASS
11N40	5590	Ant1+ Ant2	14.16	<23.98	PASS
11N40	5670	Ant1+ Ant2	16.45	<23.98	PASS
11N40	5755	Ant1+ Ant2	16.91	<30.00	PASS
11N40	5795	Ant1+ Ant2	16.79	<30.00	PASS
11N40	5795	Ant1+ Ant2	14.65	<30.00	PASS
11AC20	5180	Ant1+ Ant2	14.70	<23.98	PASS
11AC20	5220	Ant1+ Ant2	14.73	<23.98	PASS
11AC20	5240	Ant1+ Ant2	15.54	<23.98	PASS
11AC20	5260	Ant1+ Ant2	15.42	<23.98	PASS
11AC20	5300	Ant1+ Ant2	15.42	<23.98	PASS
11AC20	5320	Ant1+ Ant2	12.67	<23.98	PASS
11AC20	5500	Ant1+ Ant2	14.49	<23.98	PASS
11AC20	5600	Ant1+ Ant2	15.45	<23.98	PASS
11AC20	5700	Ant1+ Ant2	16.94	<23.98	PASS
11AC20	5745	Ant1+ Ant2	16.61	<30.00	PASS
11AC20	5785	Ant1+ Ant2	16.05	<30.00	PASS
11AC20	5825	Ant1+ Ant2	13.41	<30.00	PASS
11AC80	5210	Ant1+ Ant2	13.87	<23.98	PASS
11AC80	5290	Ant1+ Ant2	12.75	<23.98	PASS
11AC80	5530	Ant1+ Ant2	14.68	<23.98	PASS
11AC80	5610	Ant1+ Ant2	16.38	<23.98	PASS
11AC80	5775	Ant1+ Ant2	13.40	<30.00	PASS
11AC40	5190	Ant1+ Ant2	13.70	<23.98	PASS
11AC40	5230	Ant1+ Ant2	14.31	<23.98	PASS
11AC40	5270	Ant1+ Ant2	14.19	<23.98	PASS
11AC40	5310	Ant1+ Ant2	12.32	<23.98	PASS
11AC40	5510	Ant1+ Ant2	14.13	<23.98	PASS
11AC40	5590	Ant1+ Ant2	16.47	<23.98	PASS

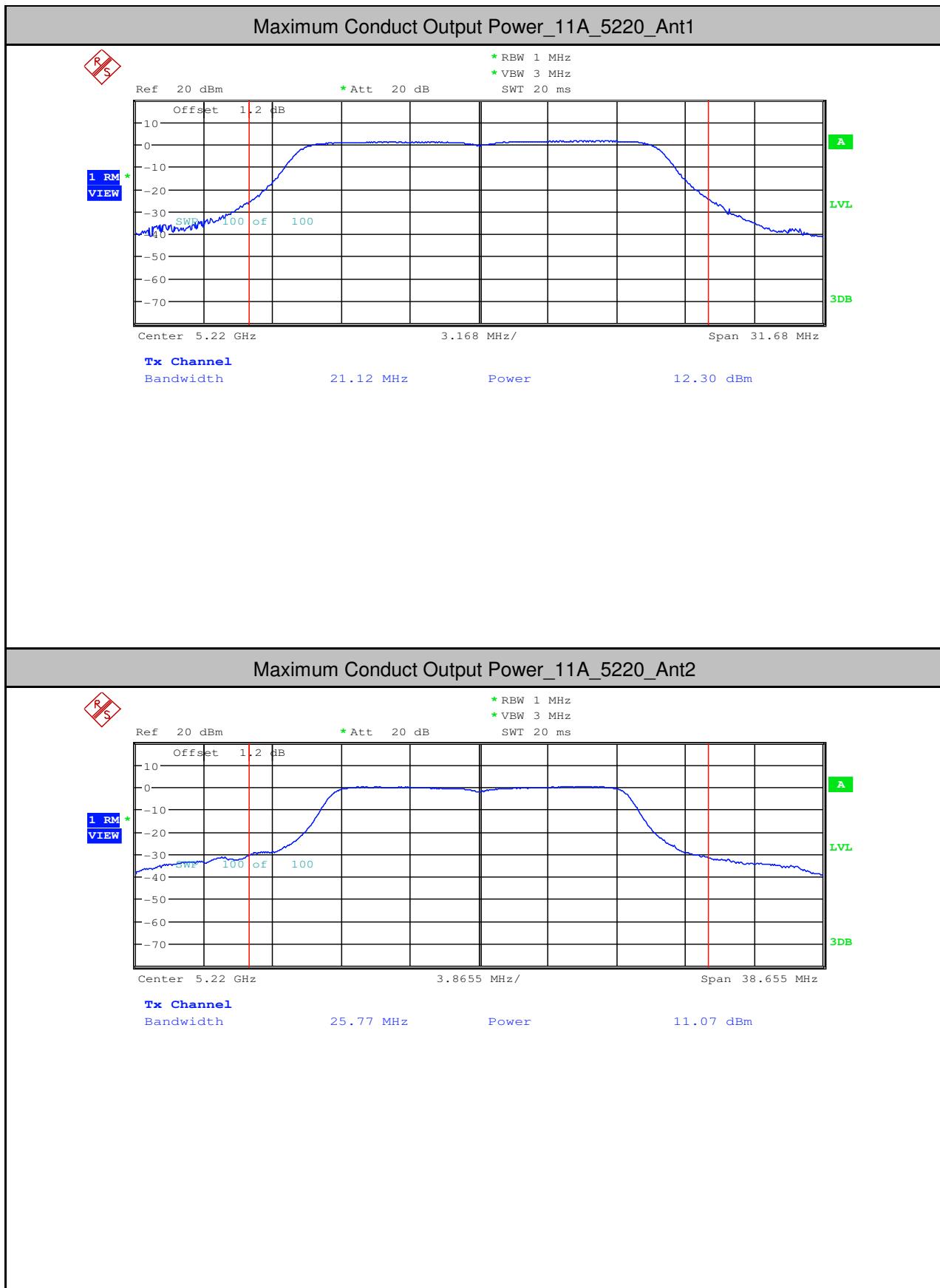


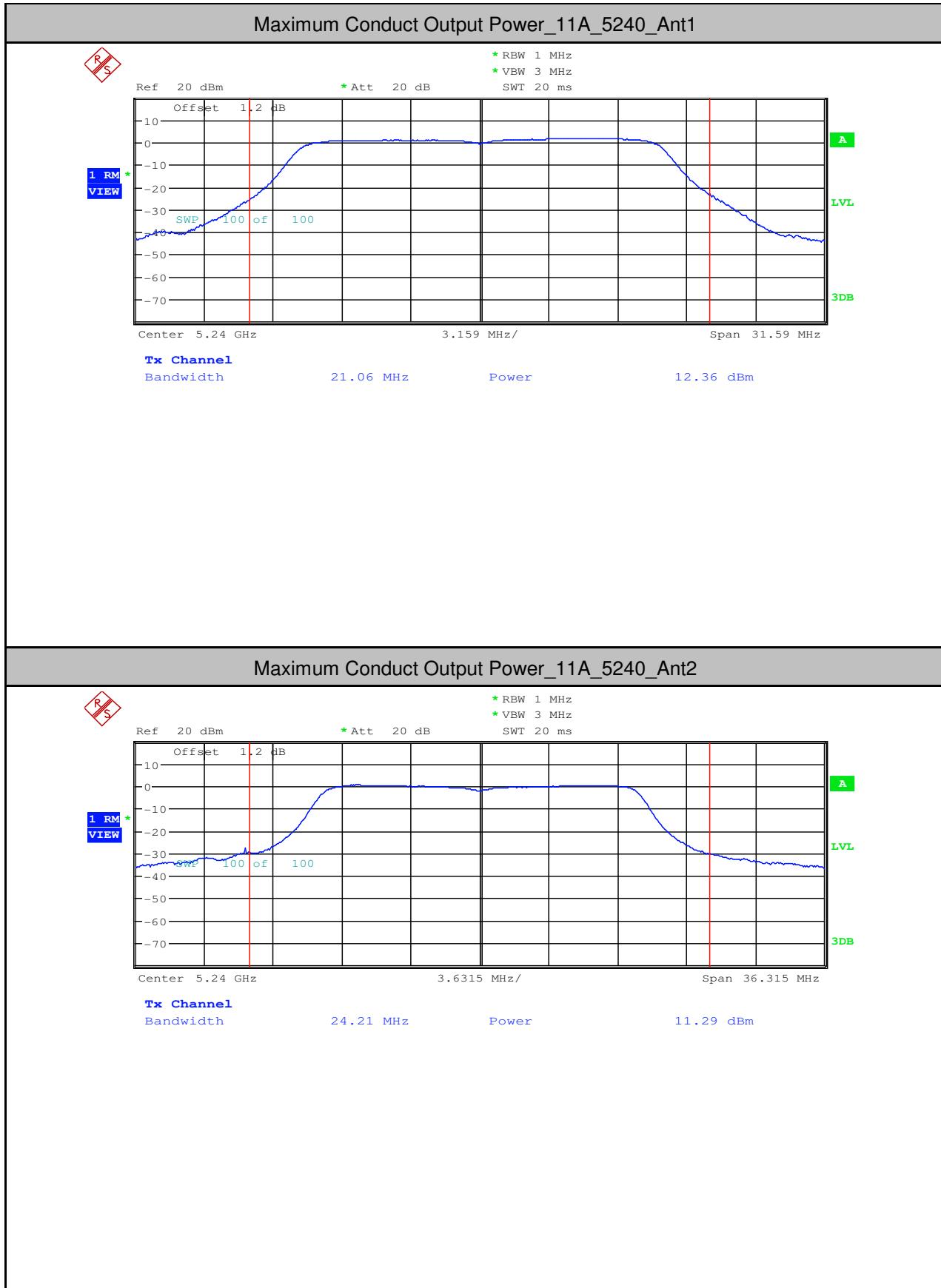
**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM180300232405  
Page: 446 of 636

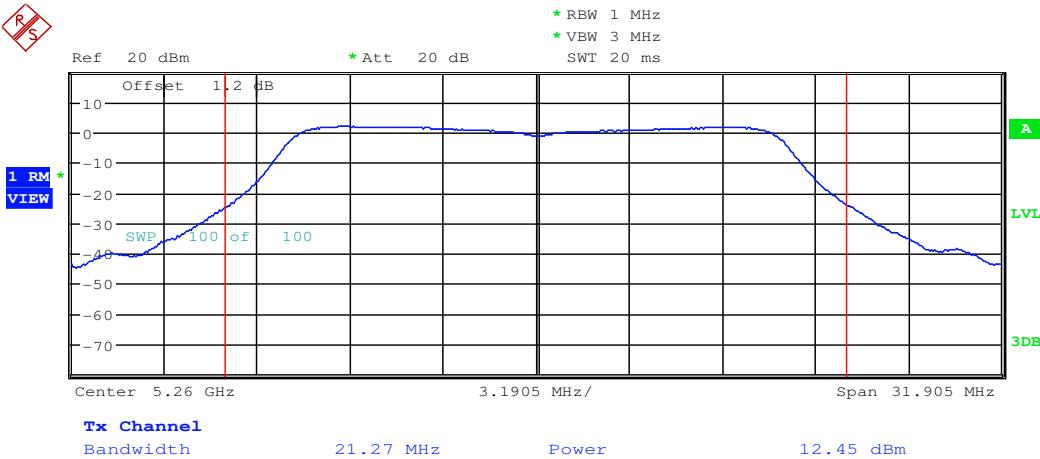
11AC40	5670	Ant1+ Ant2	16.83	<23.98	PASS
11AC40	5755	Ant1+ Ant2	16.52	<30.00	PASS
11AC40	5795	Ant1+ Ant2	14.31	<30.00	PASS



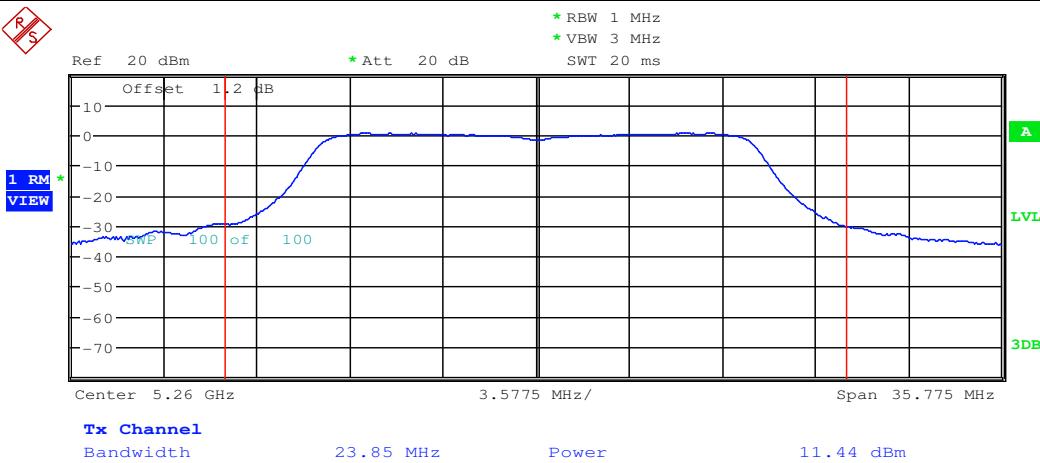


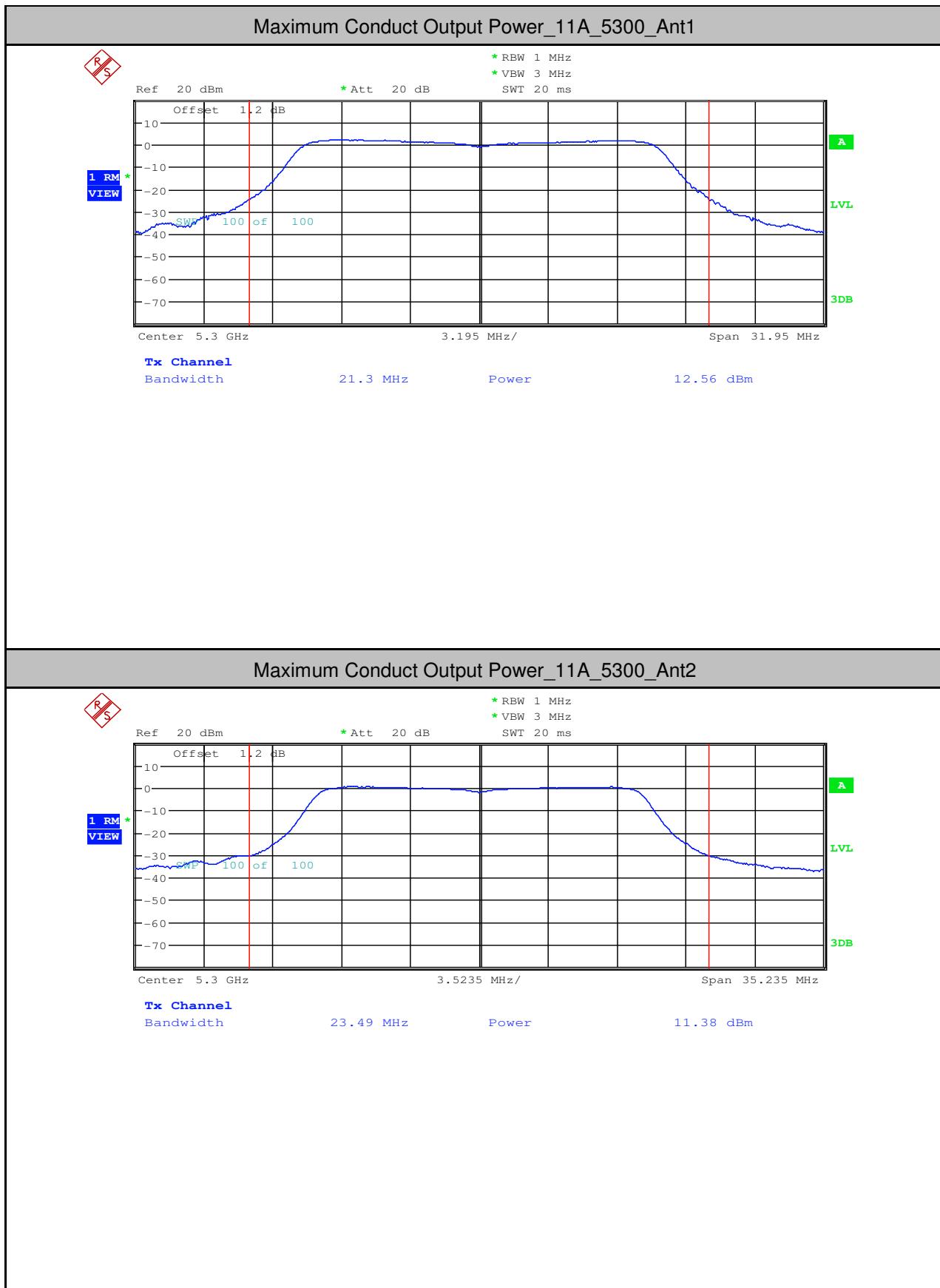


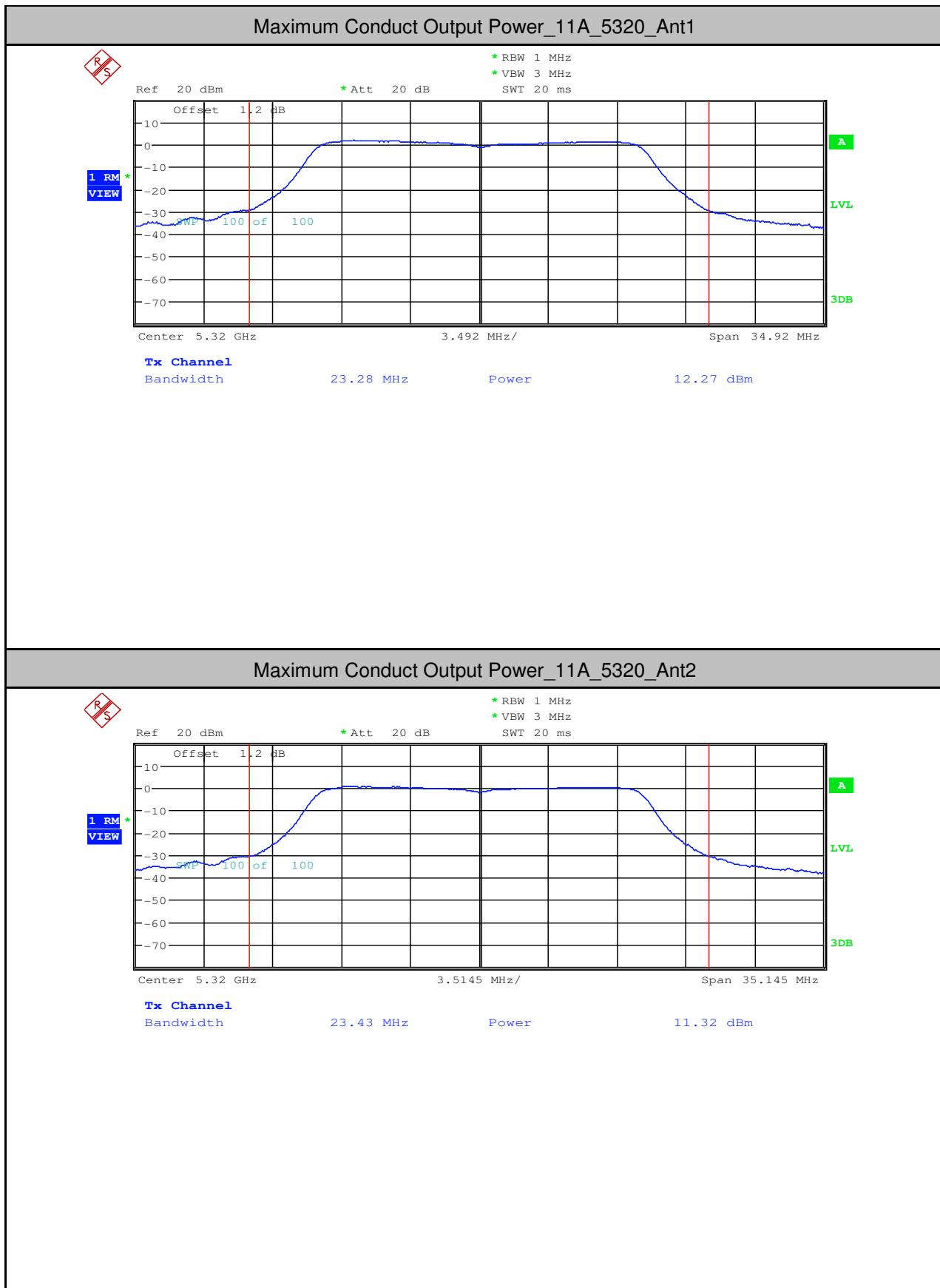
## Maximum Conduct Output Power\_11A\_5260\_Ant1

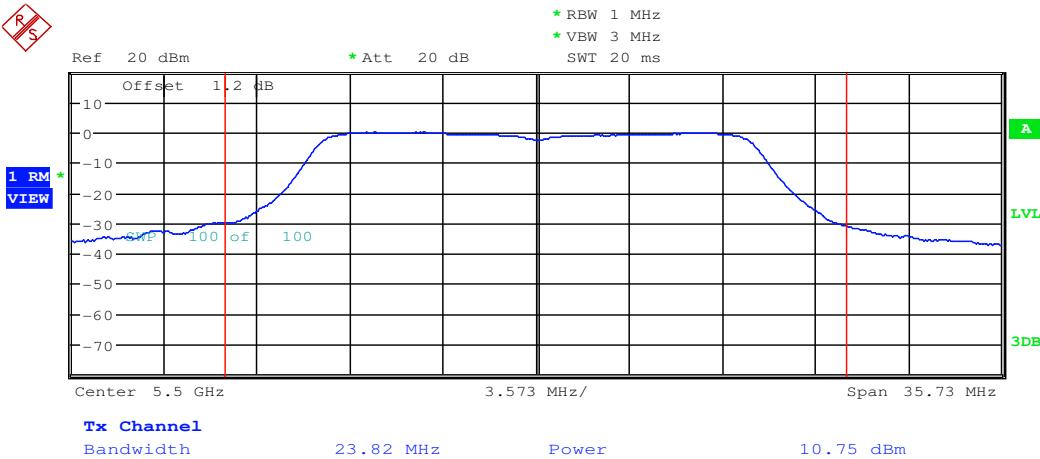
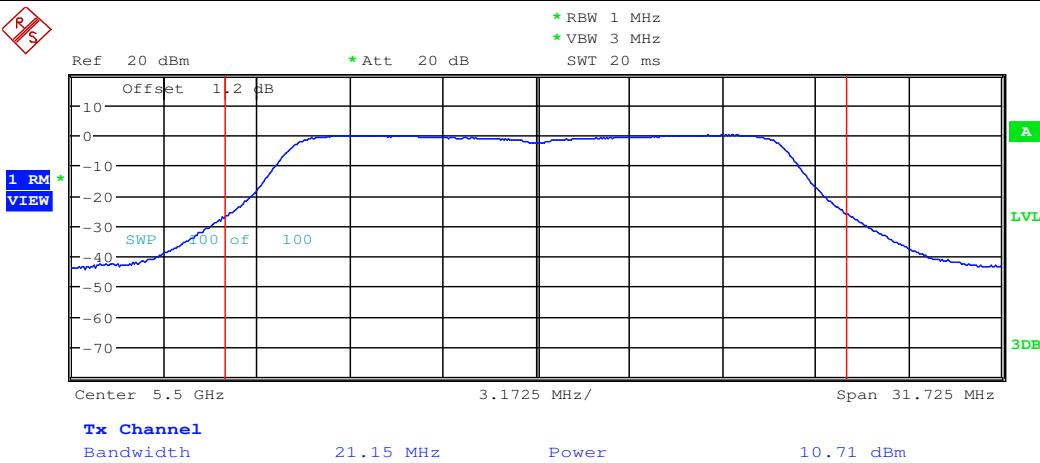


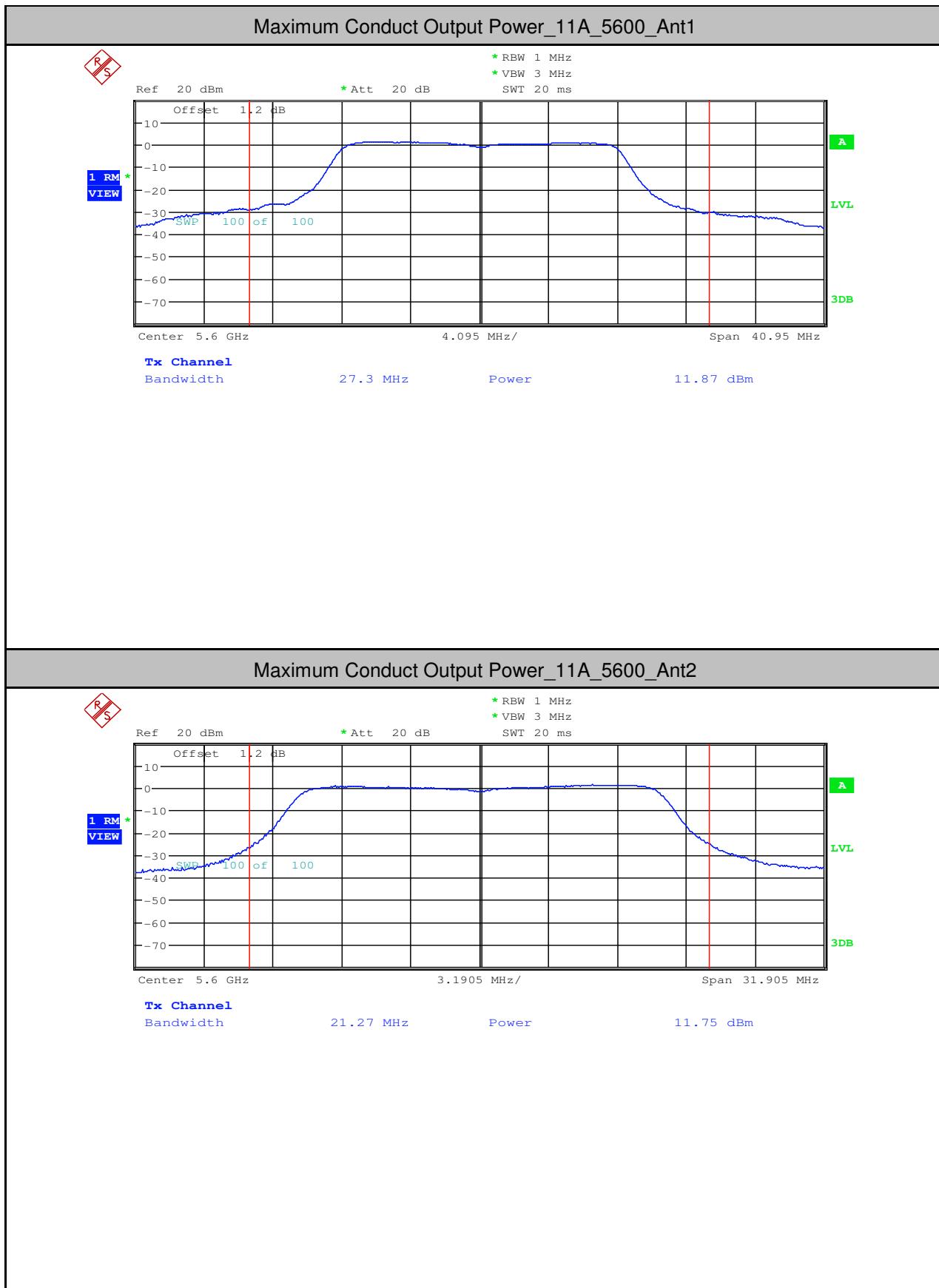
## Maximum Conduct Output Power\_11A\_5260\_Ant2

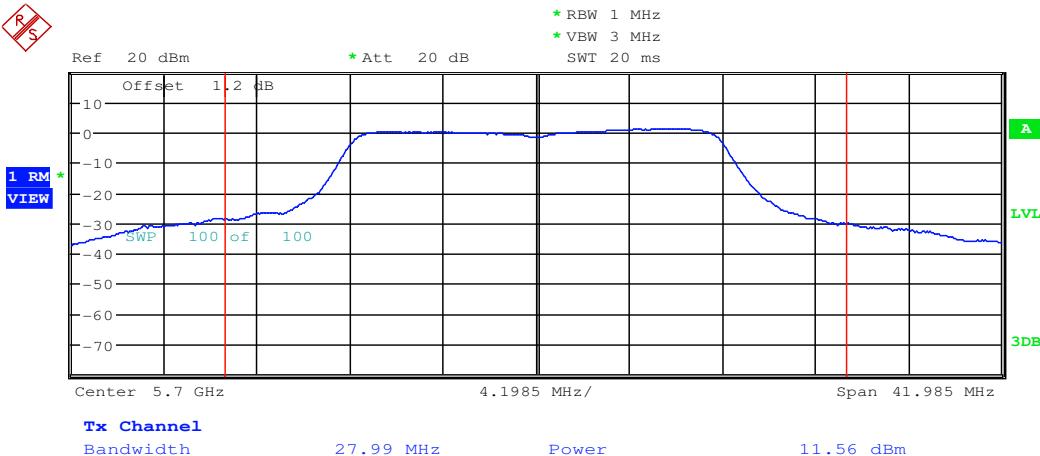
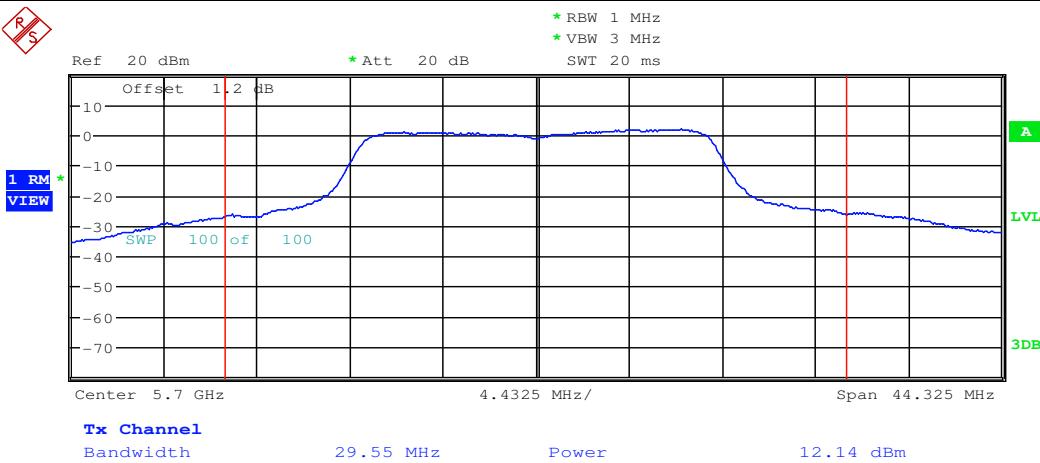


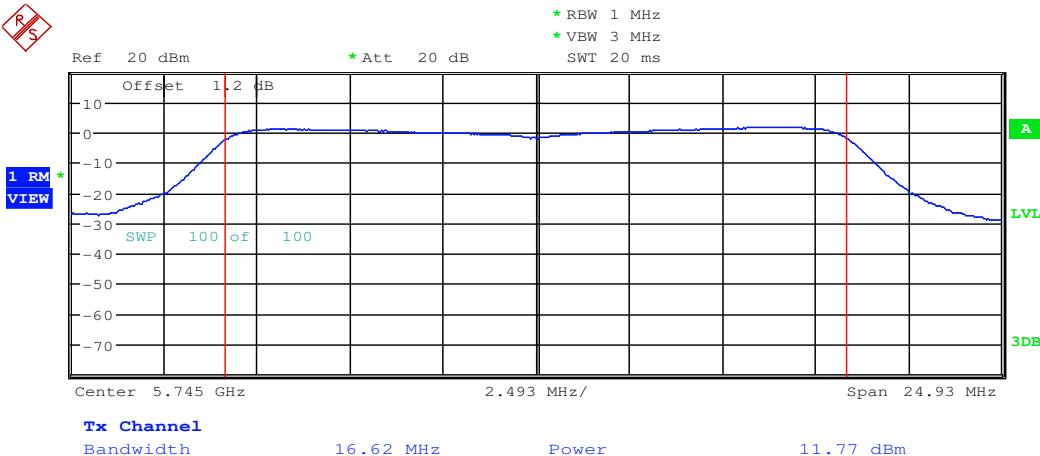
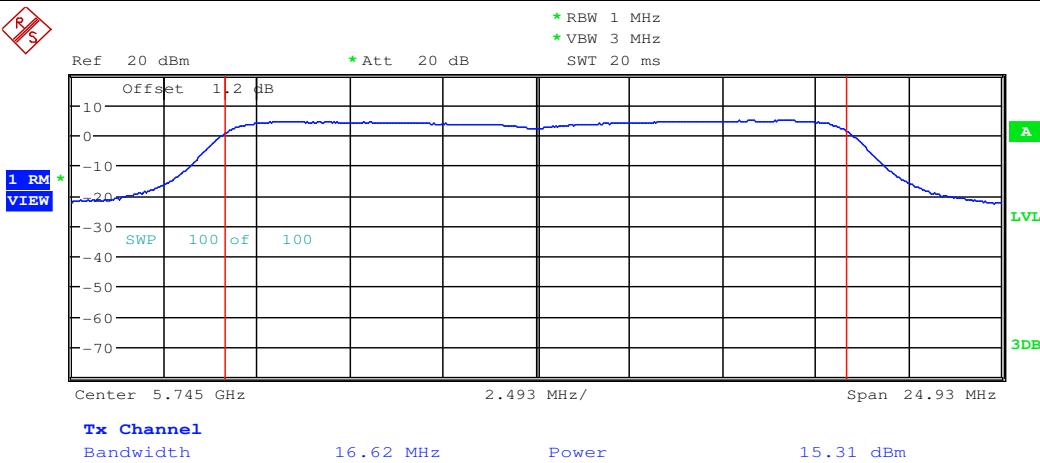


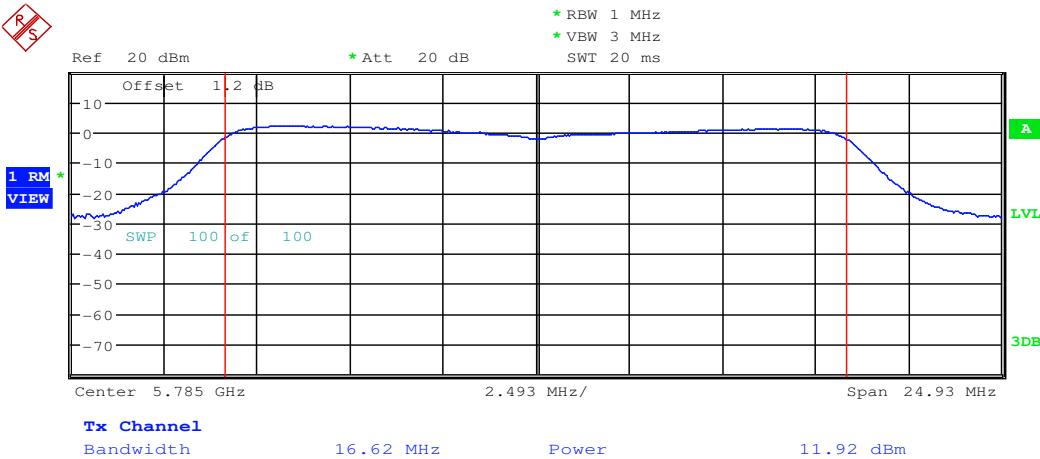
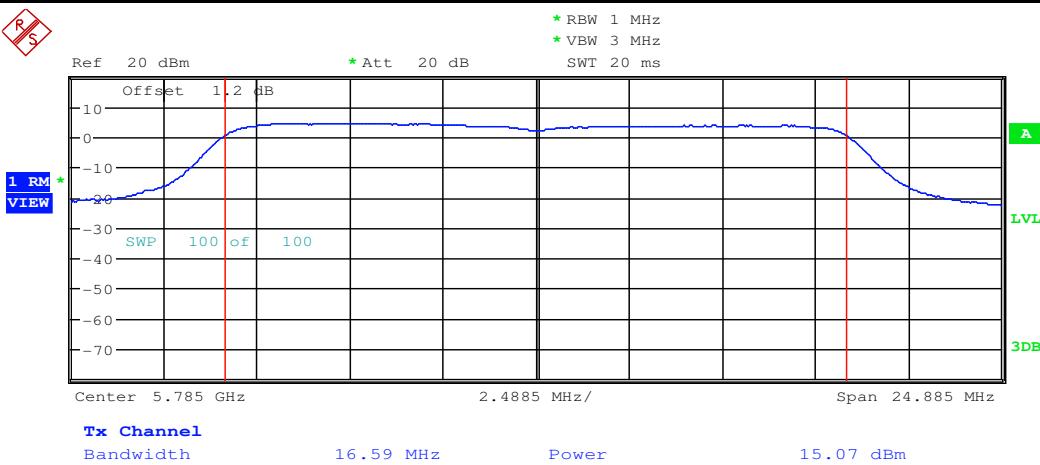


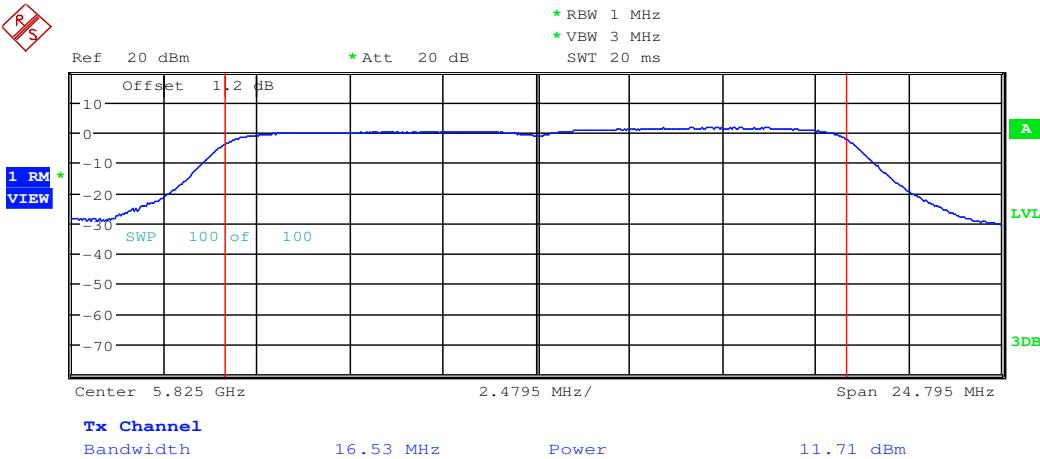
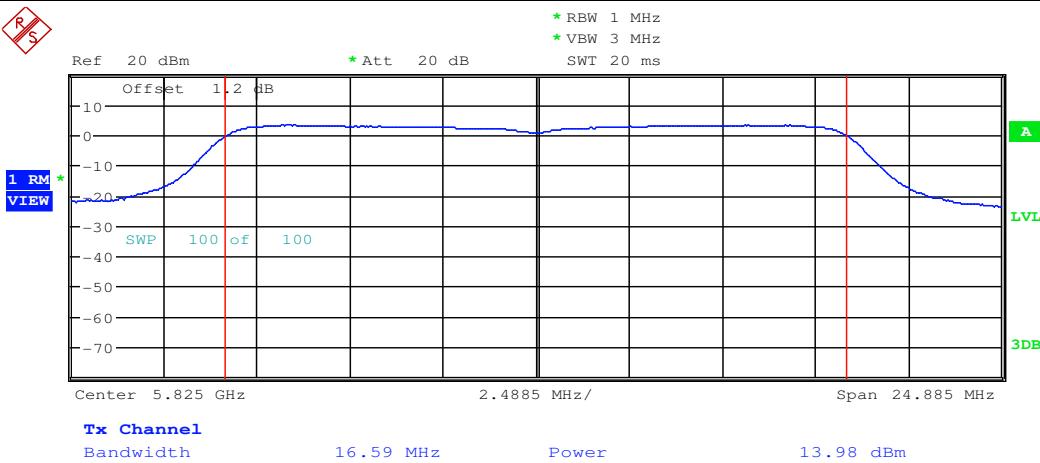
**Maximum Conduct Output Power\_11A\_5500\_Ant1****Maximum Conduct Output Power\_11A\_5500\_Ant2**

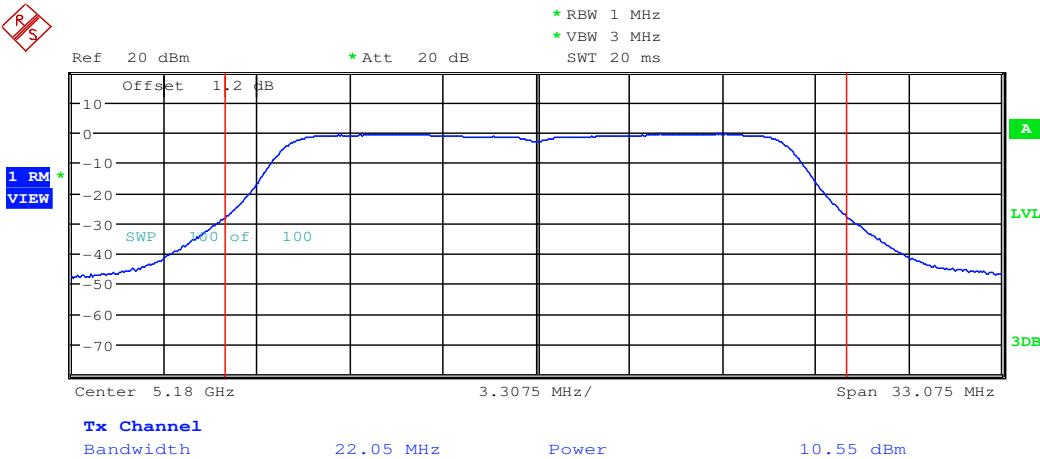
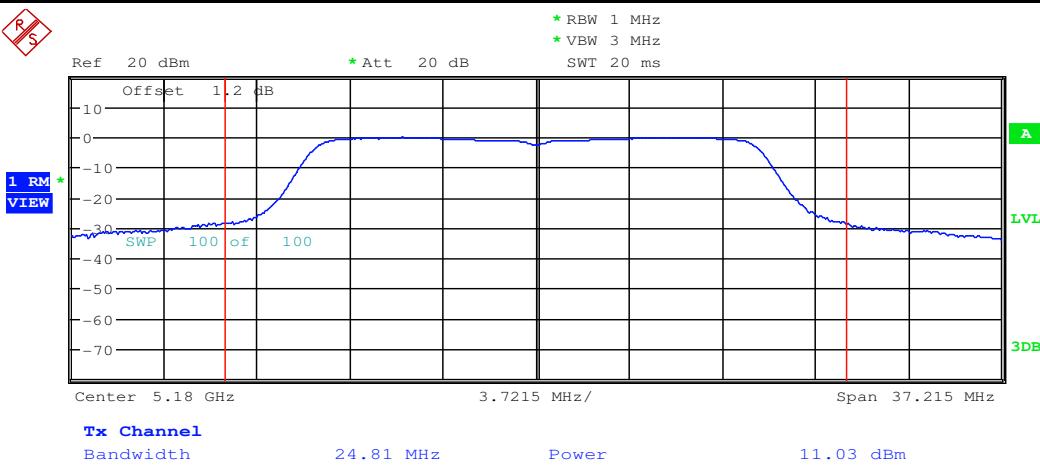


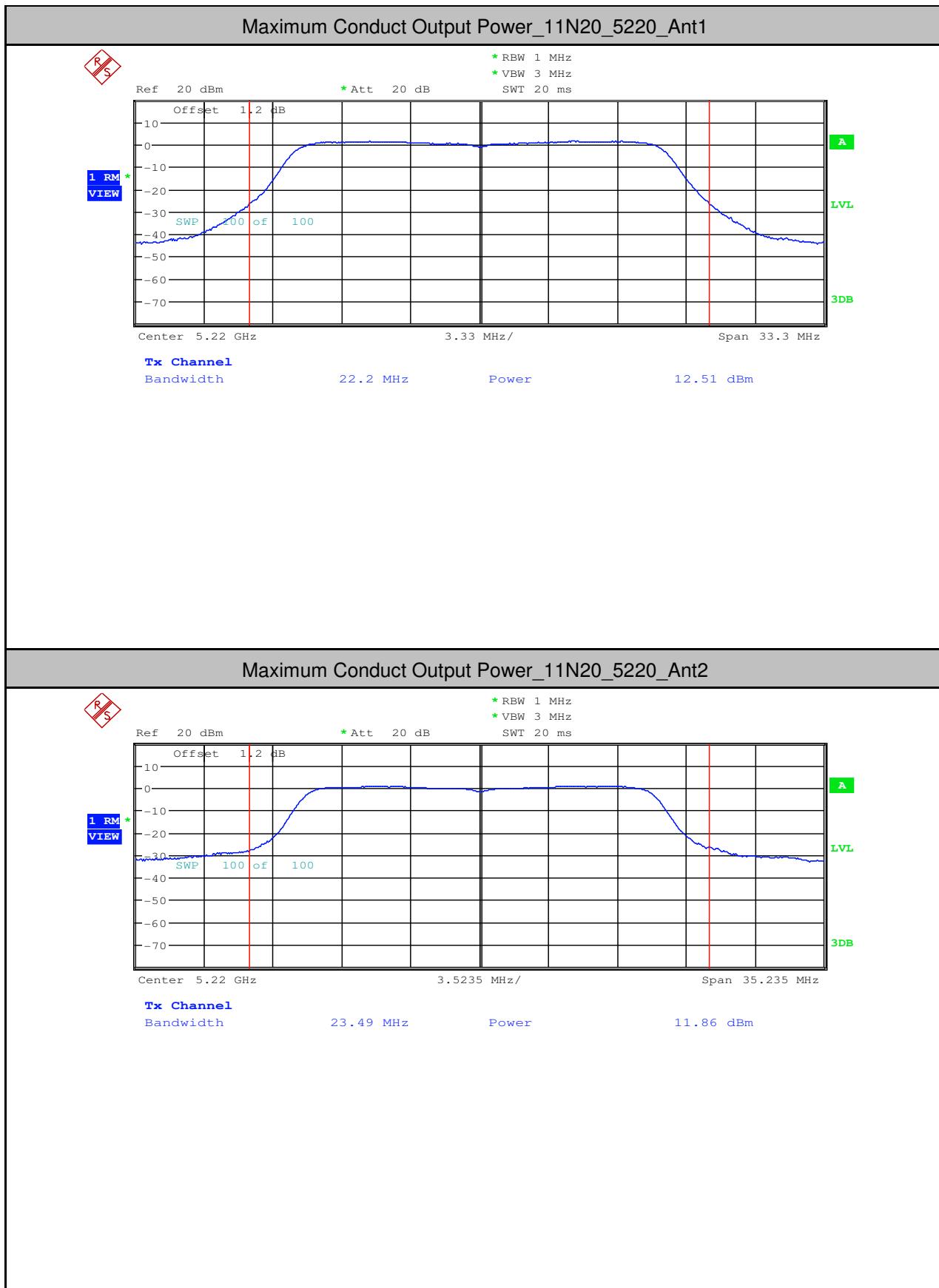
**Maximum Conduct Output Power\_11A\_5700\_Ant1****Maximum Conduct Output Power\_11A\_5700\_Ant2**

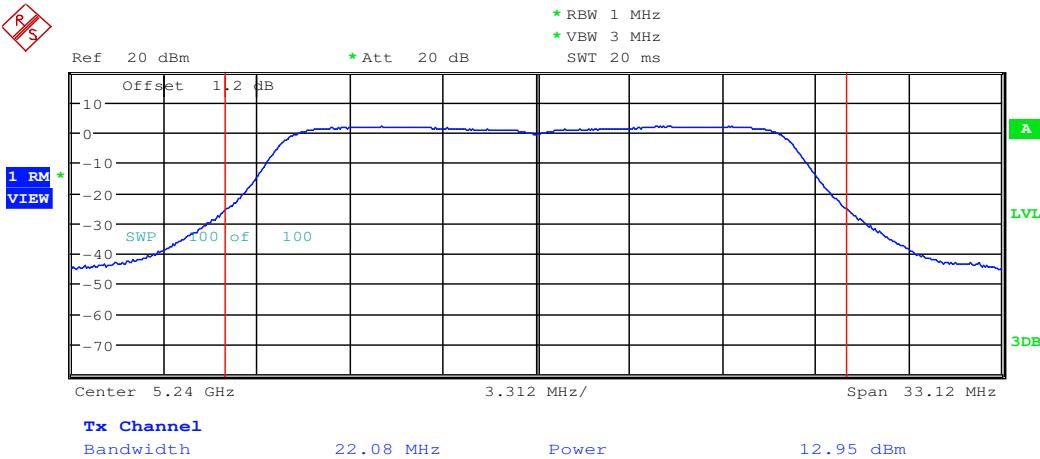
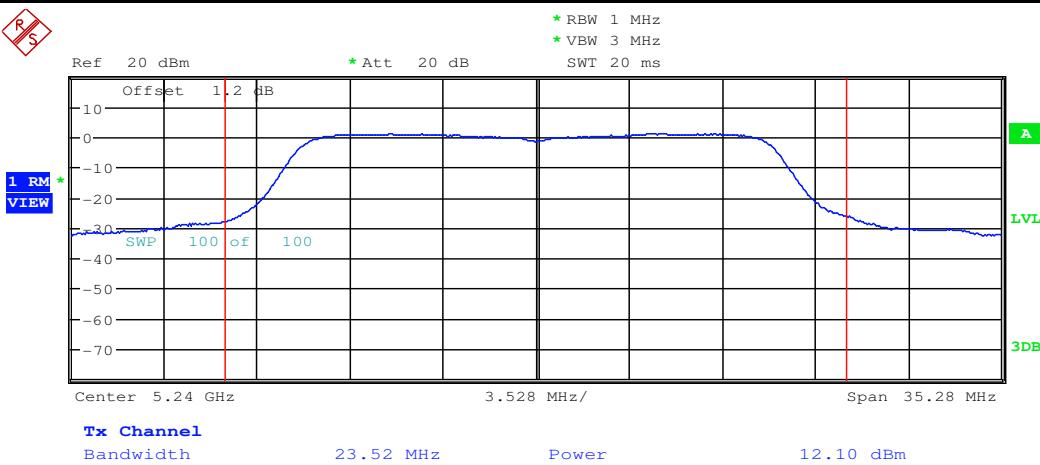
**Maximum Conduct Output Power\_11A\_5745\_Ant1****Maximum Conduct Output Power\_11A\_5745\_Ant2**

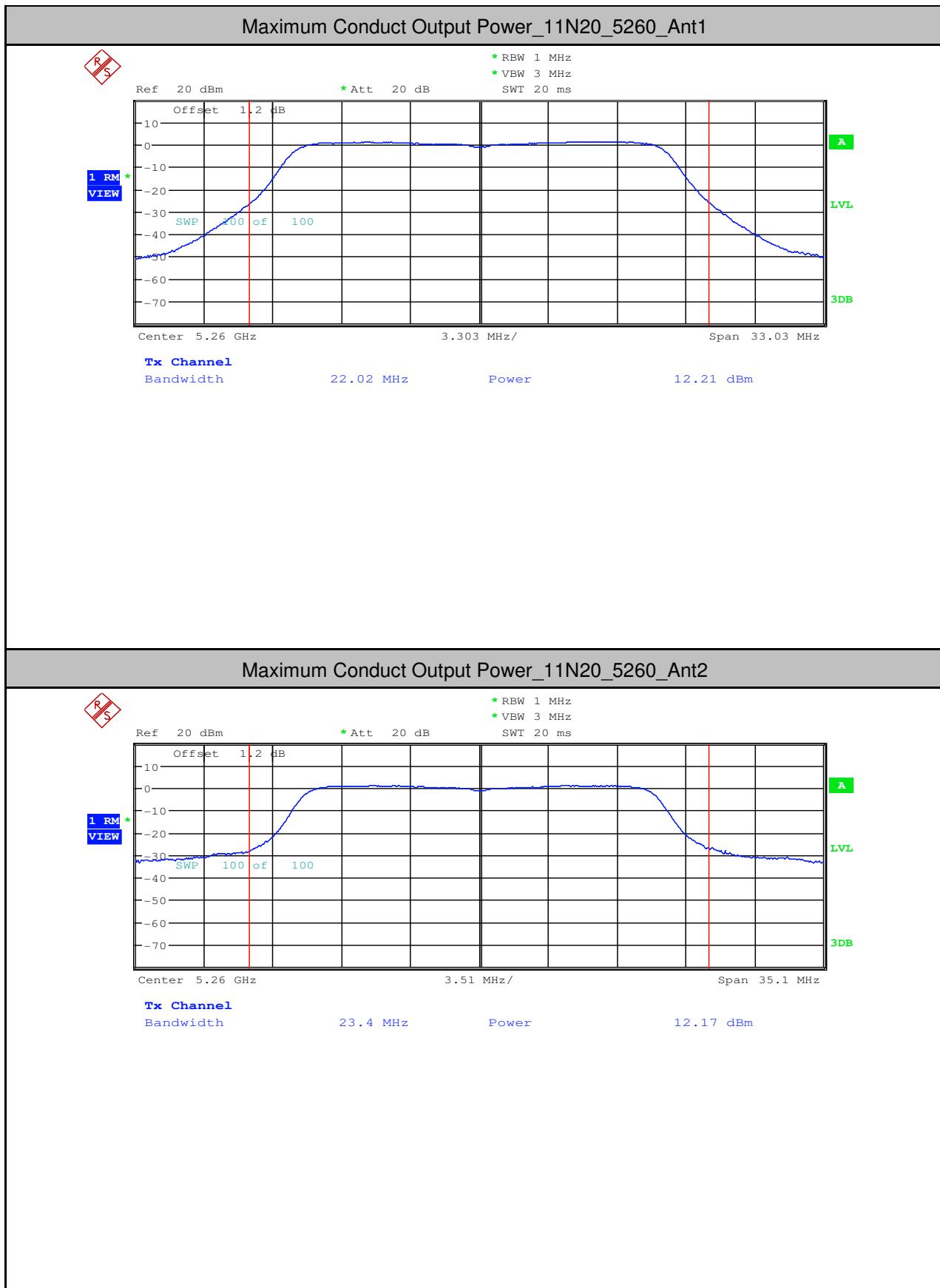
**Maximum Conduct Output Power\_11A\_5785\_Ant1****Maximum Conduct Output Power\_11A\_5785\_Ant2**

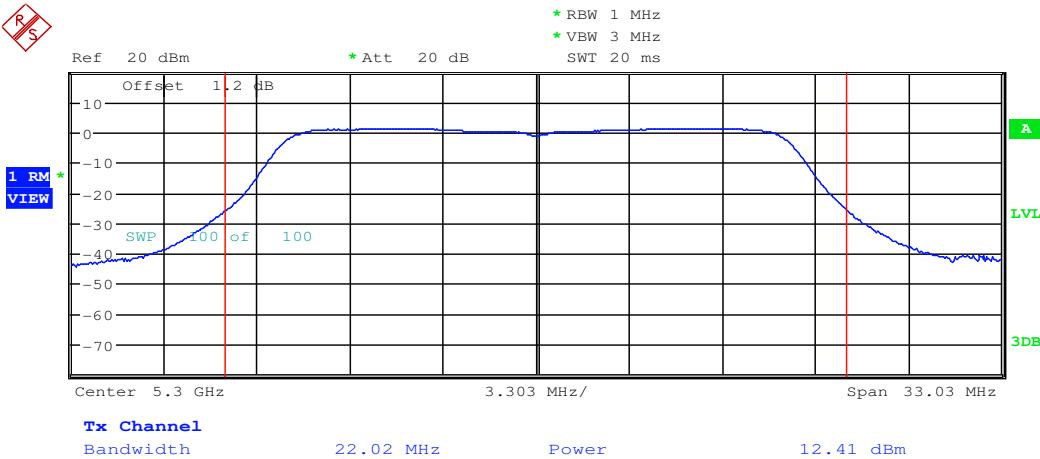
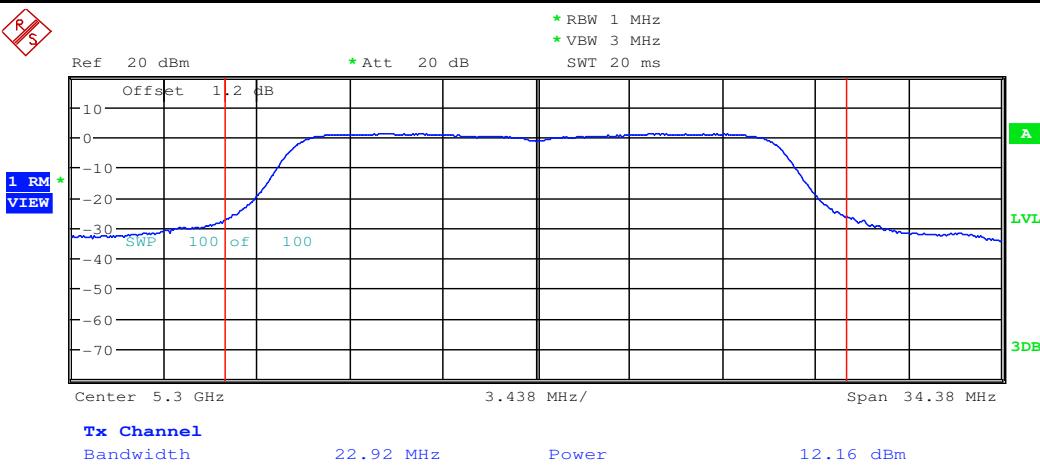
**Maximum Conduct Output Power\_11A\_5825\_Ant1****Maximum Conduct Output Power\_11A\_5825\_Ant2**

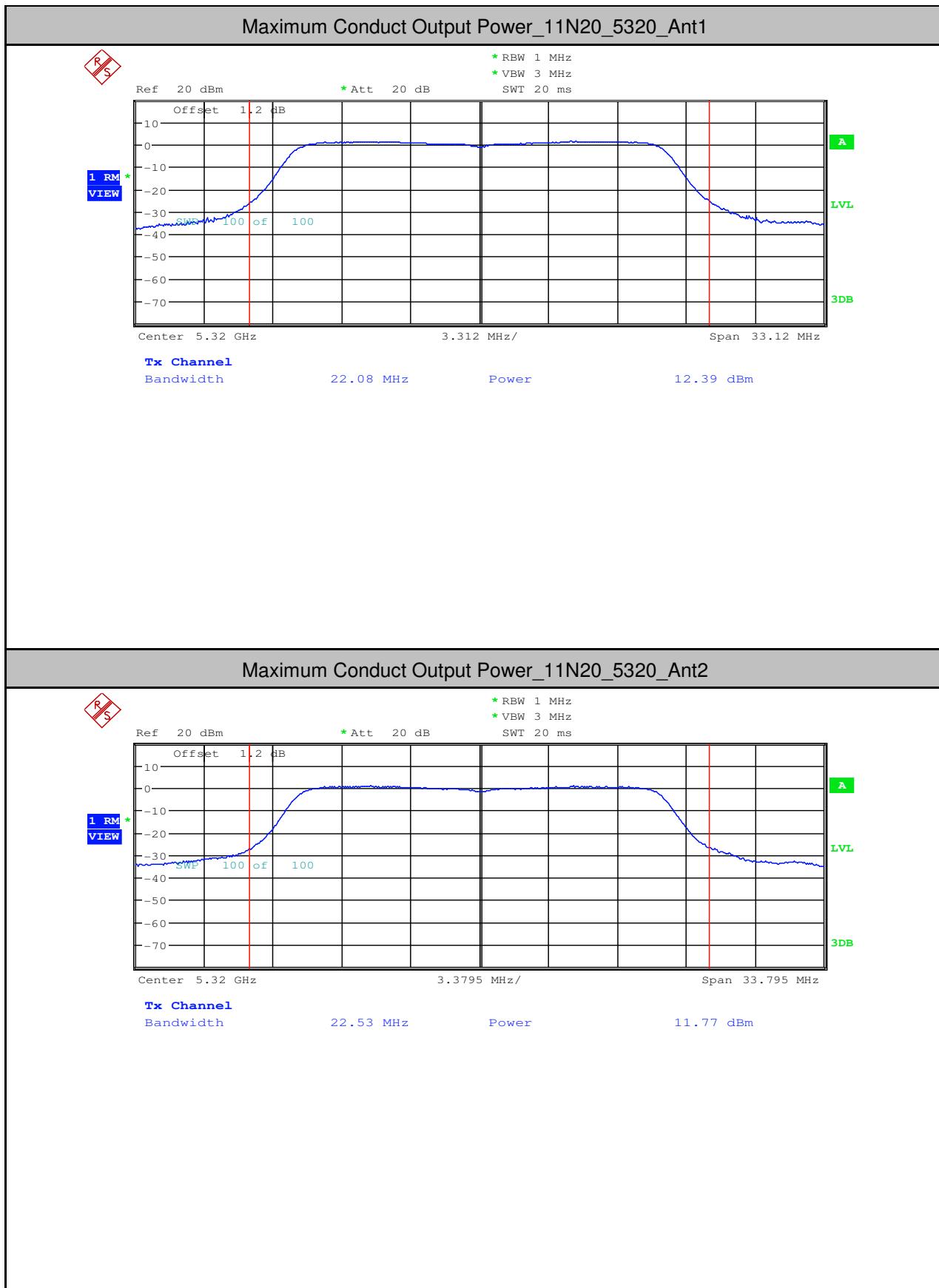
**Maximum Conduct Output Power\_11N20\_5180\_Ant1****Maximum Conduct Output Power\_11N20\_5180\_Ant2**

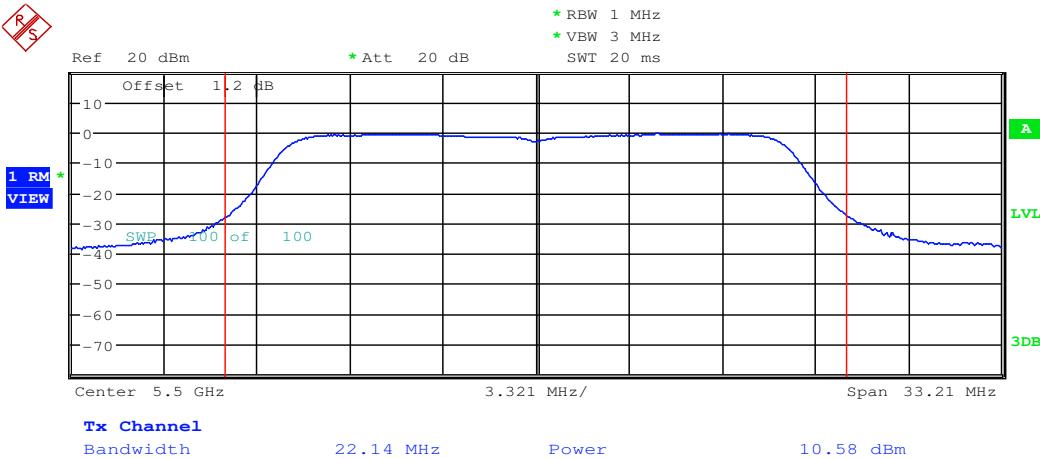
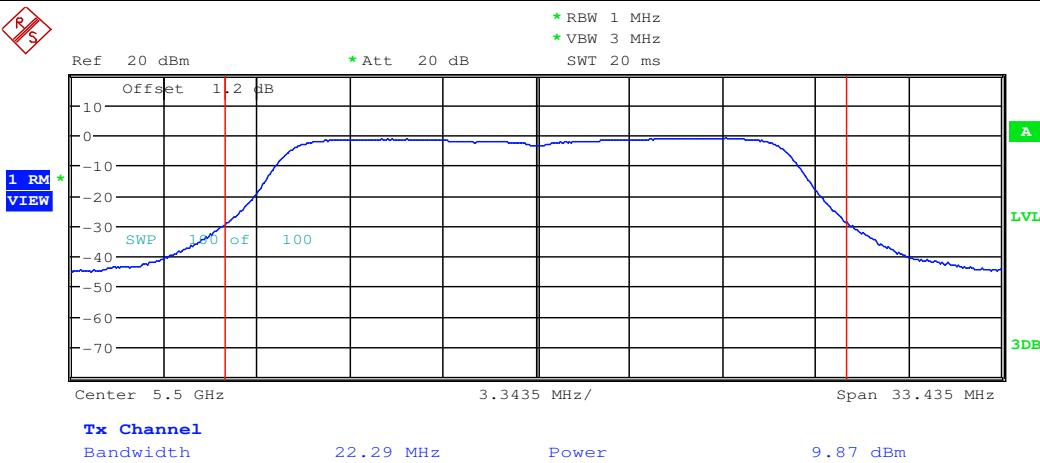


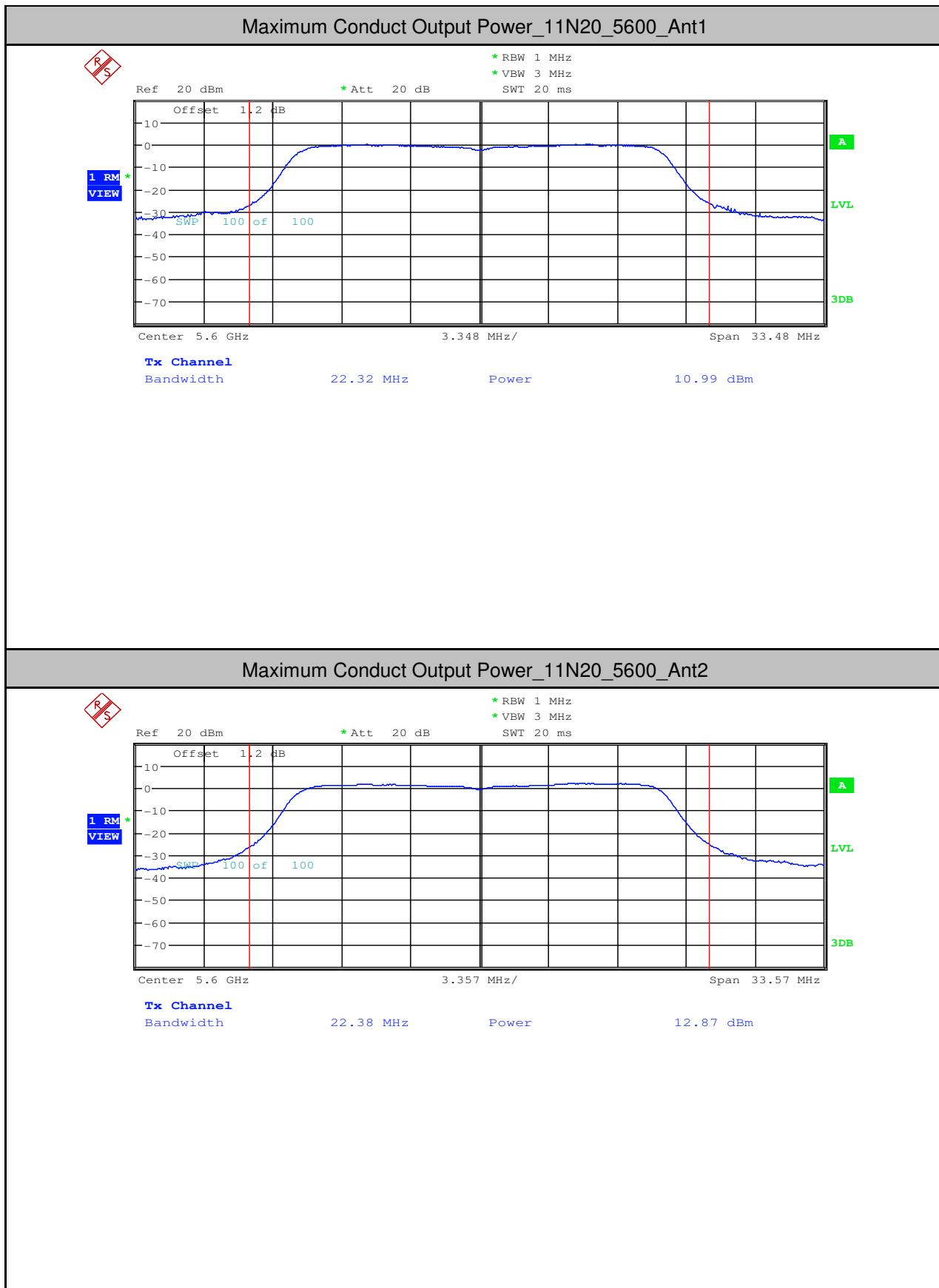
**Maximum Conduct Output Power\_11N20\_5240\_Ant1****Maximum Conduct Output Power\_11N20\_5240\_Ant2**

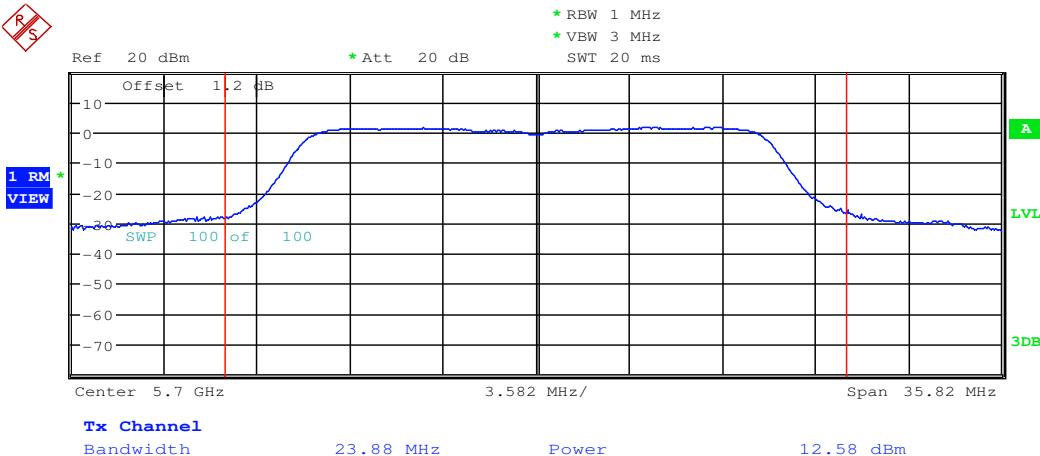
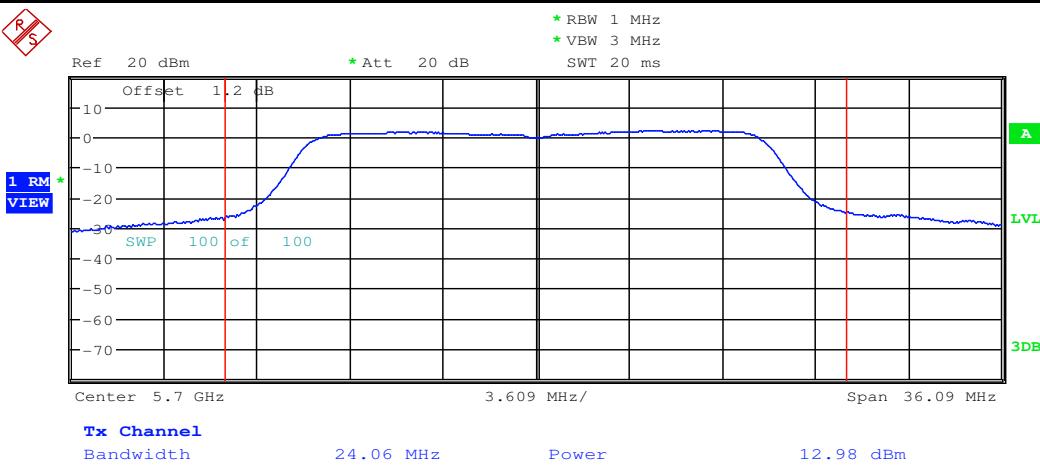


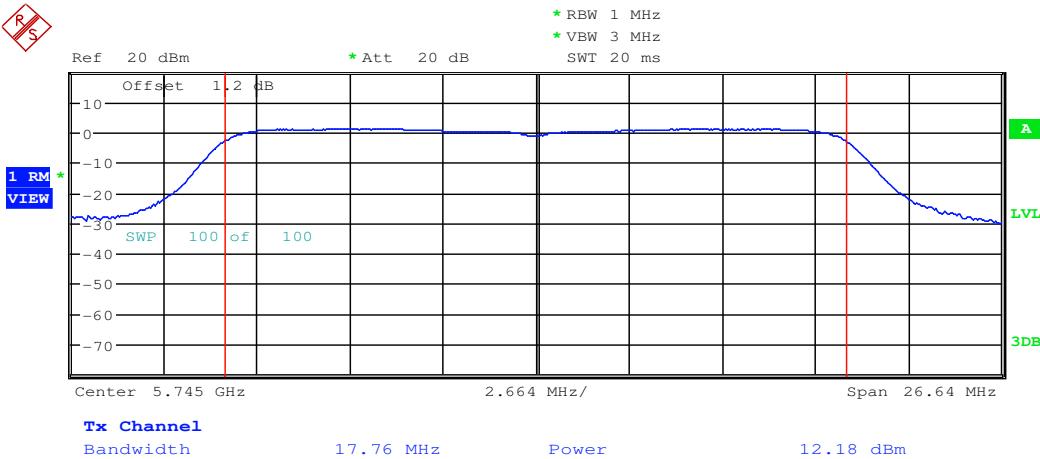
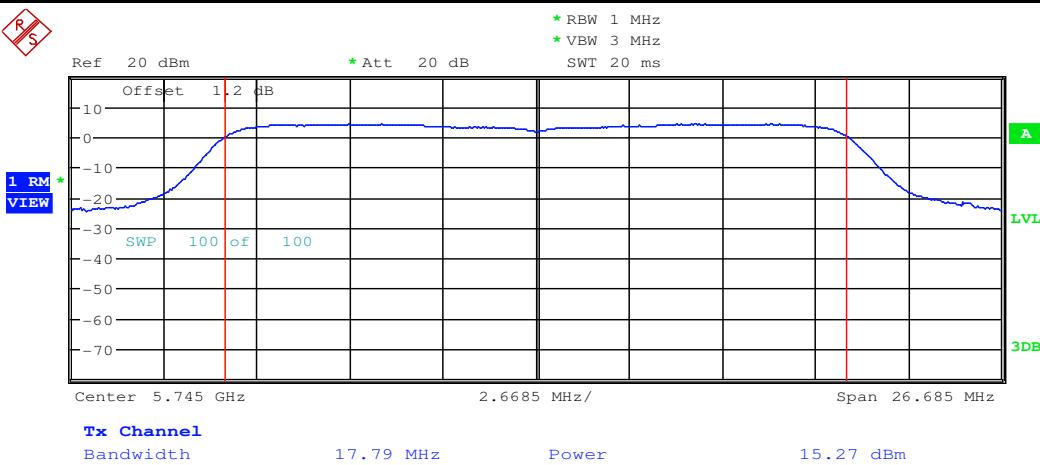
**Maximum Conduct Output Power\_11N20\_5300\_Ant1****Maximum Conduct Output Power\_11N20\_5300\_Ant2**

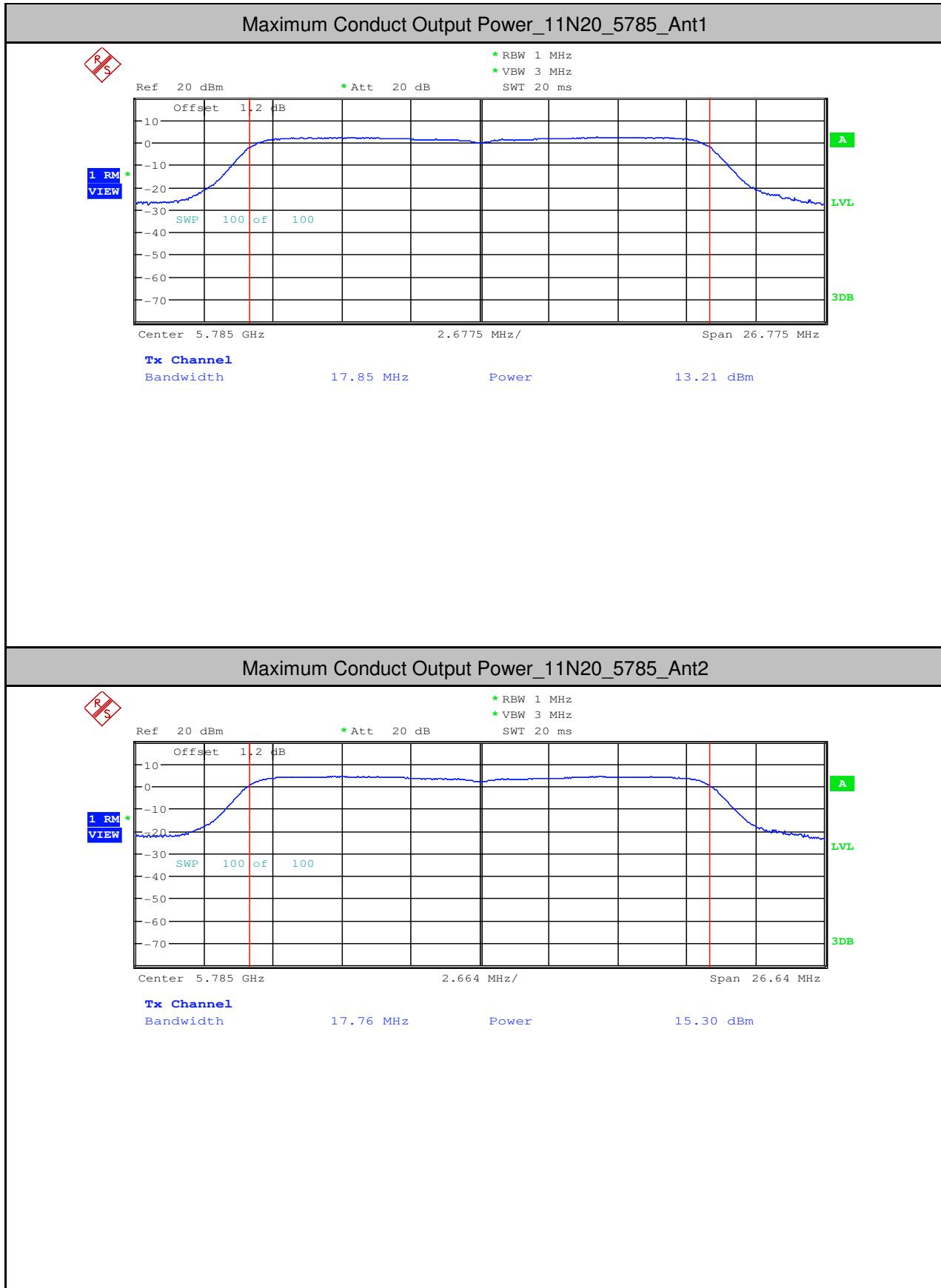


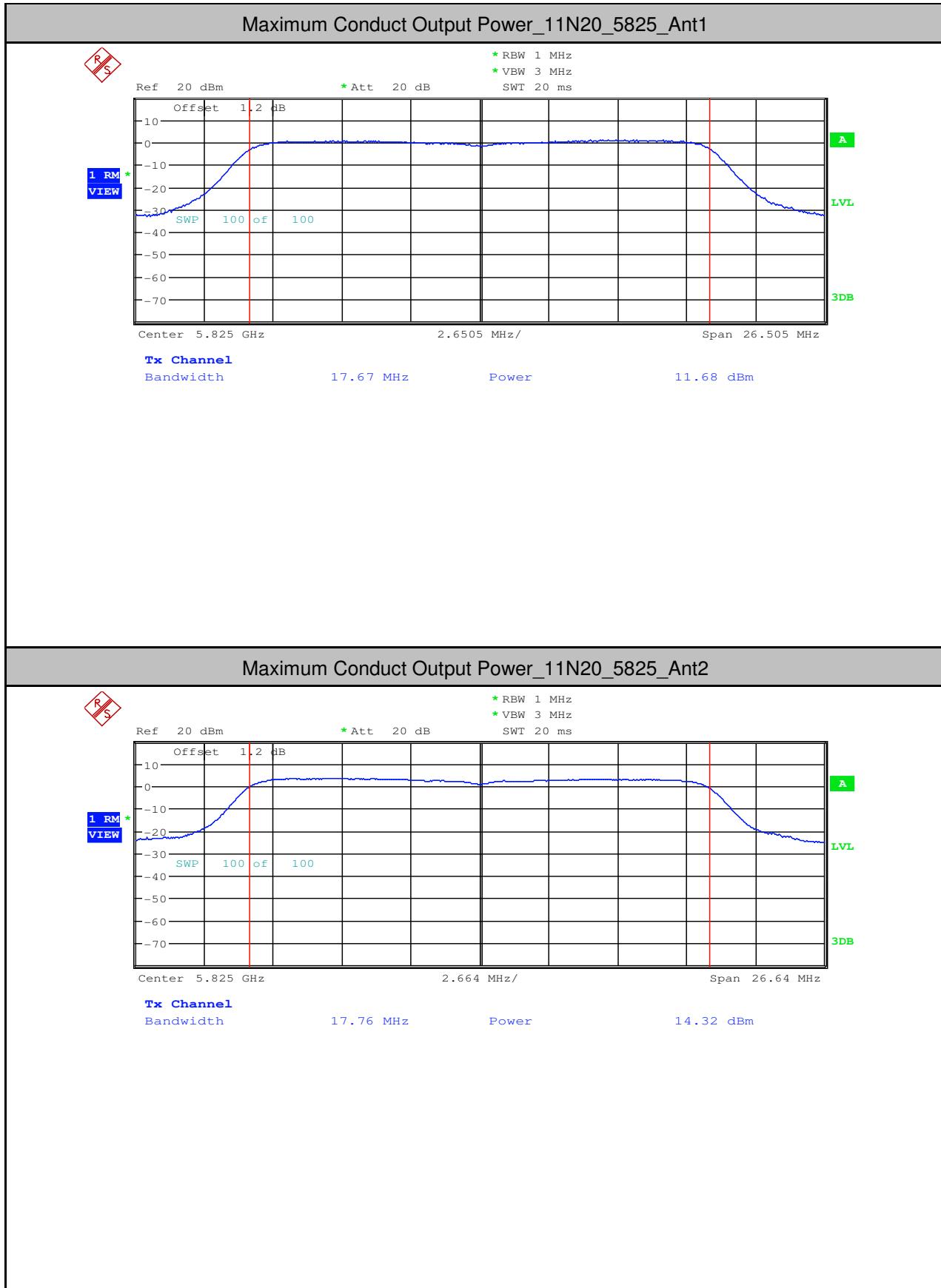
**Maximum Conduct Output Power\_11N20\_5500\_Ant1****Maximum Conduct Output Power\_11N20\_5500\_Ant2**

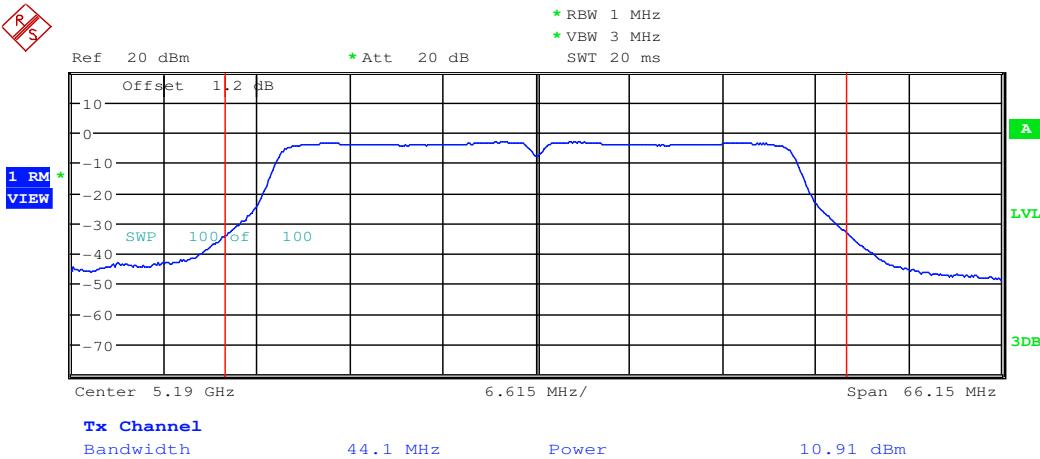
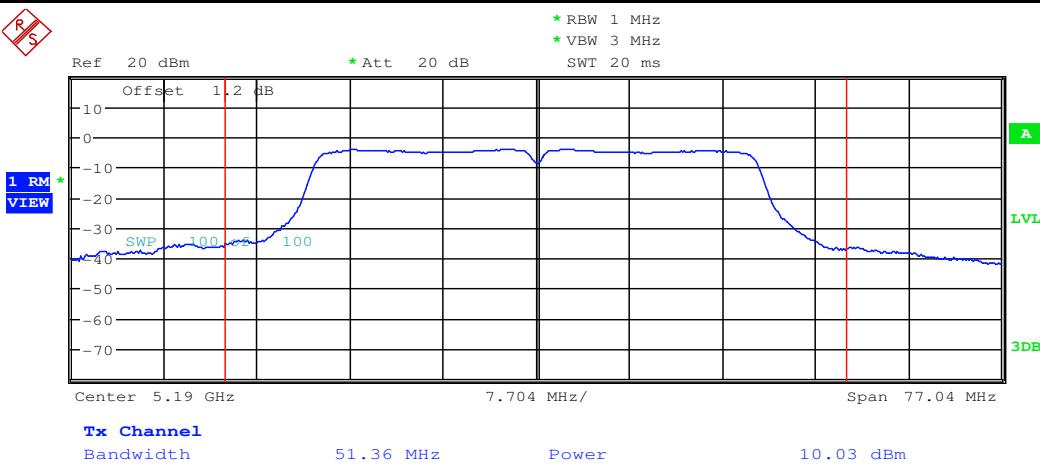


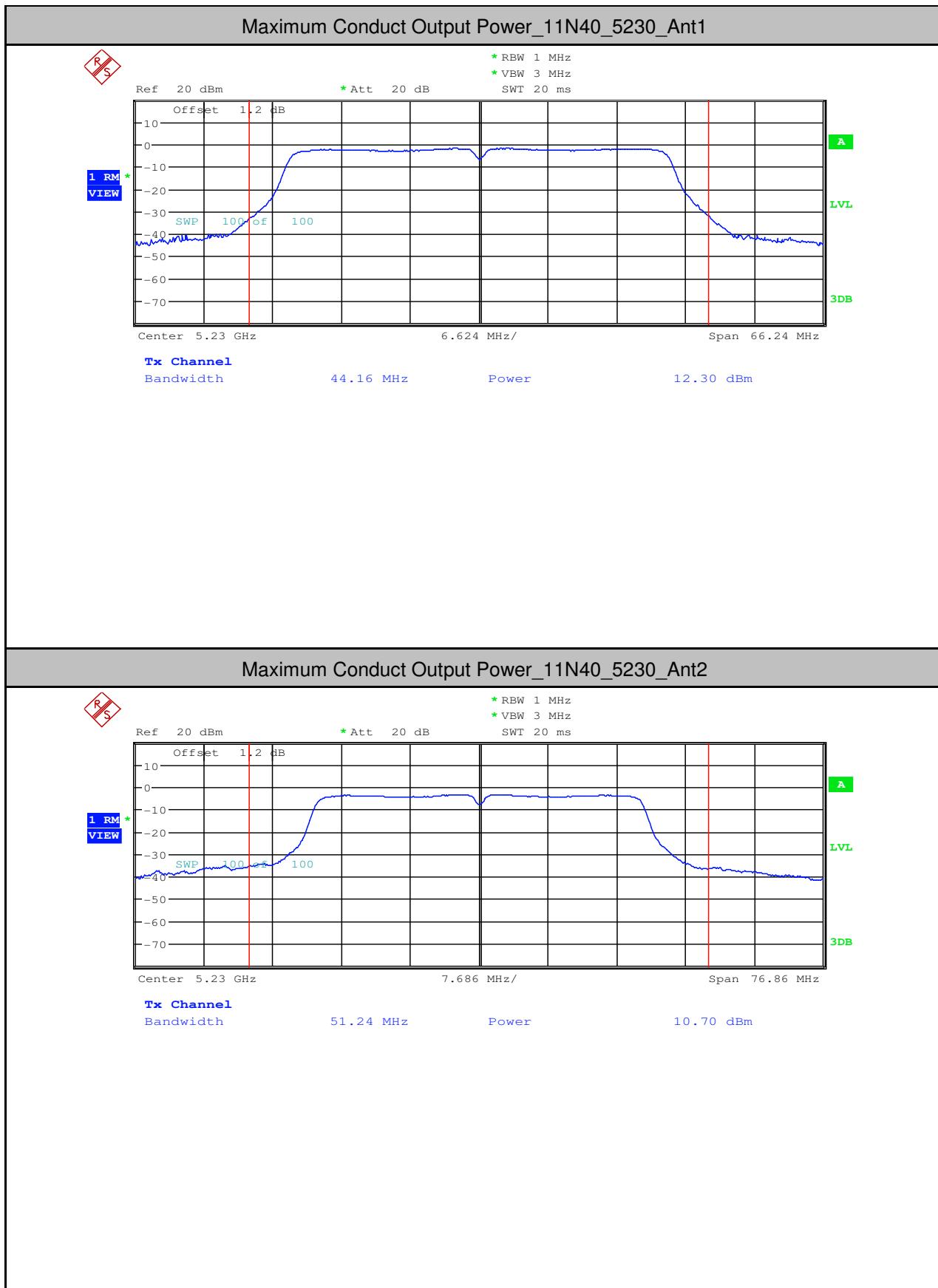
**Maximum Conduct Output Power\_11N20\_5700\_Ant1****Maximum Conduct Output Power\_11N20\_5700\_Ant2**

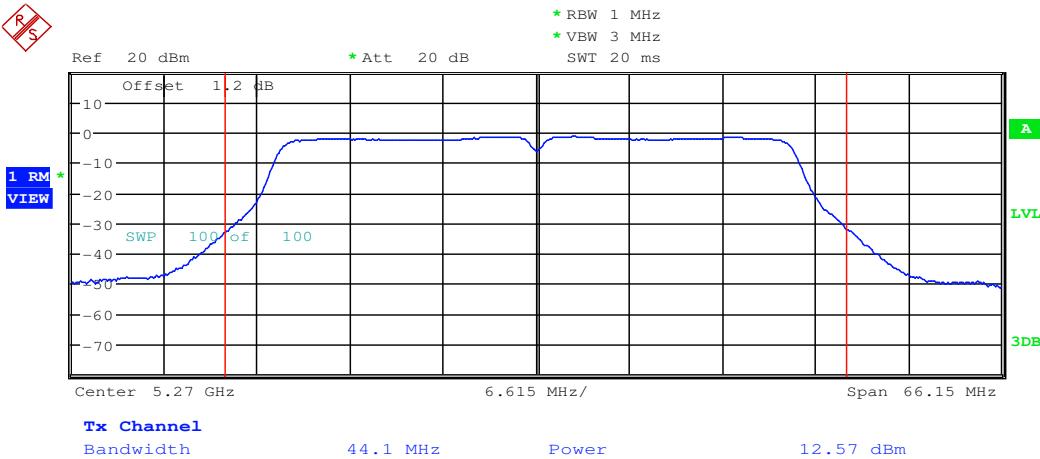
**Maximum Conduct Output Power\_11N20\_5745\_Ant1****Maximum Conduct Output Power\_11N20\_5745\_Ant2**





**Maximum Conduct Output Power\_11N40\_5190\_Ant1****Maximum Conduct Output Power\_11N40\_5190\_Ant2**



**Maximum Conduct Output Power\_11N40\_5270\_Ant1****Maximum Conduct Output Power\_11N40\_5270\_Ant2**