

7.10 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.



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7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 22.4 °C Humidity: 50.2 % RH Atmospheric Pressure: 1020 mbar

Pretest these modes to find the worst case: c: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.

d:TX mode (Band 3)_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.

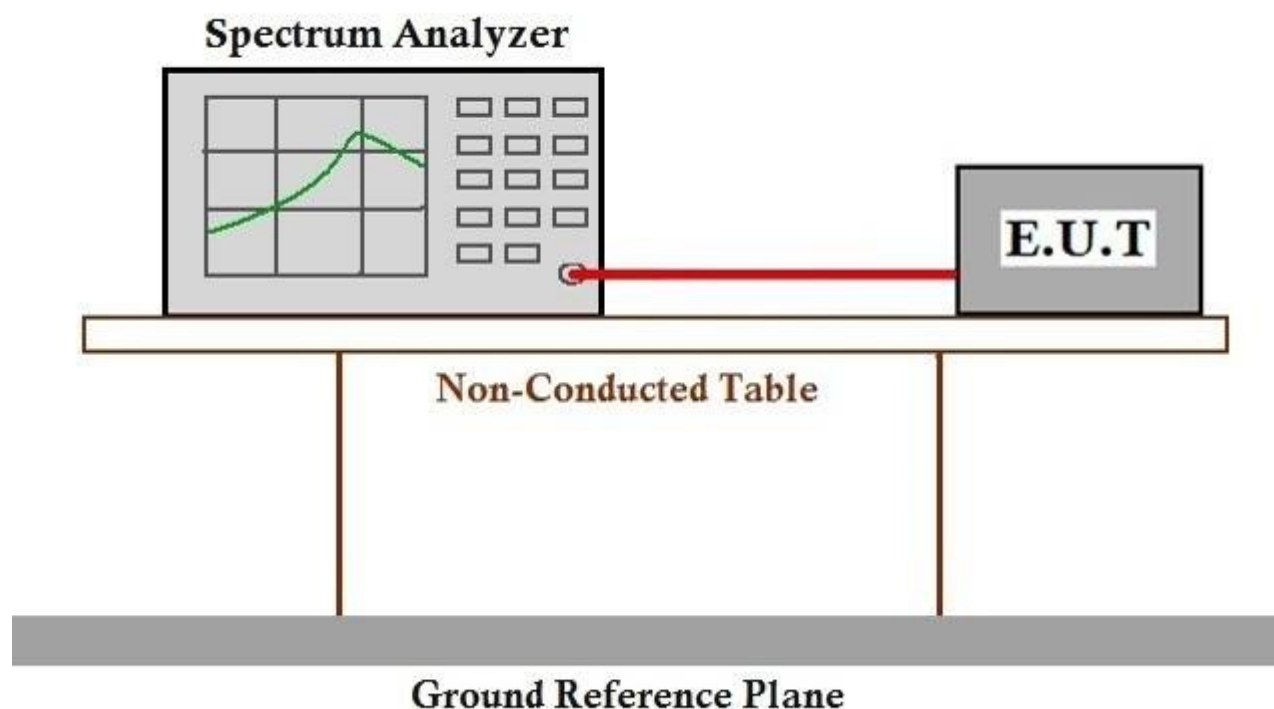
The worst case for final test: c:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); 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.

d:TX mode (Band 3)_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.



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7.10.2 Test Setup Diagram



7.10.3 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 Test Setup

Refer to Setup Photos

8.2 EUT Constructional Details (EUT Photos)

Refer to EUT external and internal photos



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9 Appendix

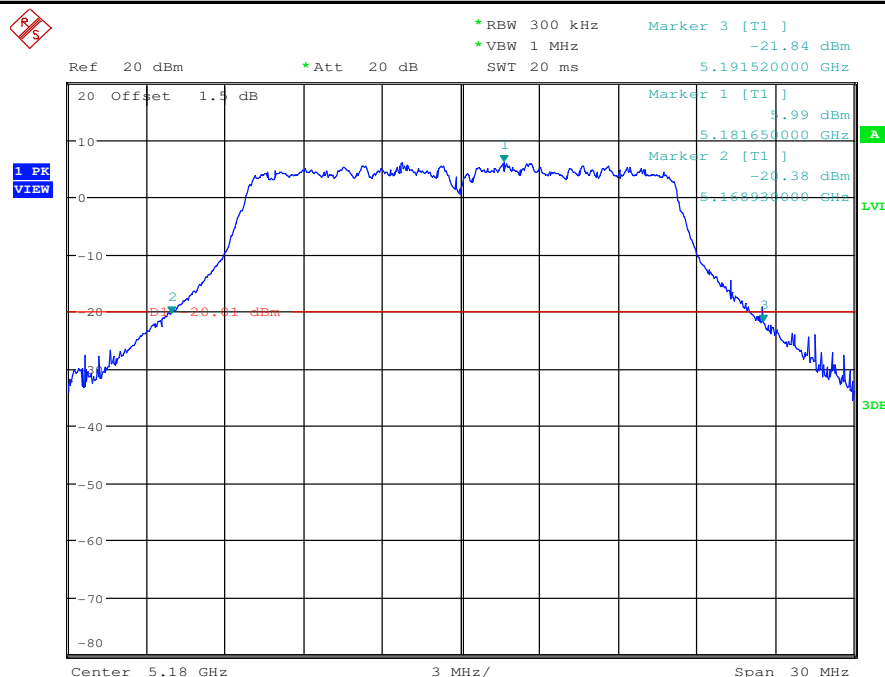
9.1 Appendix 15.407

1.Emission Bandwidth Measurement

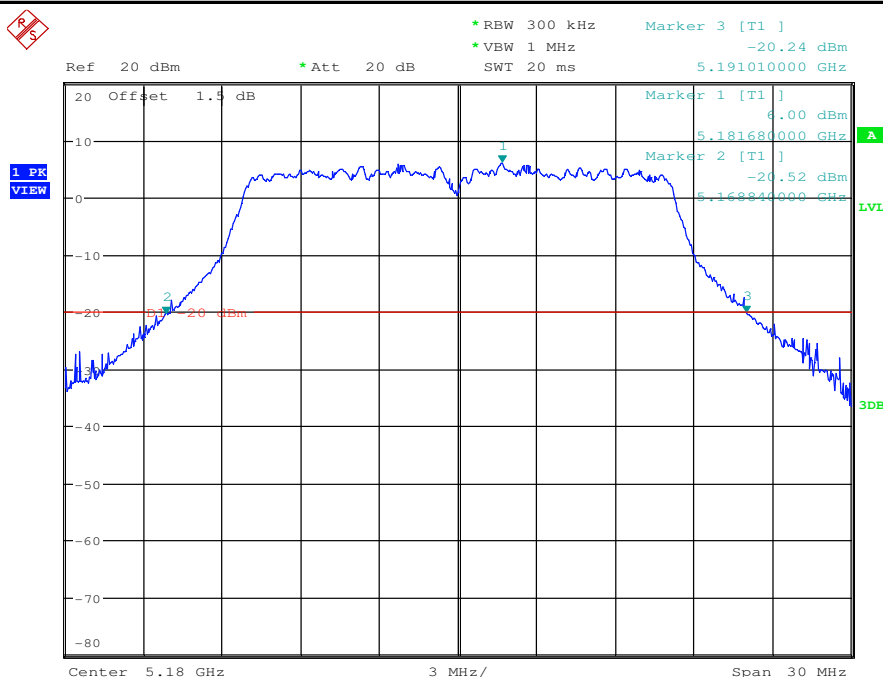
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11A	5180	Ant2	22.170	---	PASS
11A	5220	Ant1	22.770	---	PASS
11A	5220	Ant2	22.320	---	PASS
11A	5240	Ant1	22.200	---	PASS
11A	5240	Ant2	22.380	---	PASS
11A	5745	Ant1	16.380	>=0.5	PASS
11A	5745	Ant2	16.380	>=0.5	PASS
11A	5785	Ant1	16.380	>=0.5	PASS
11A	5785	Ant2	16.380	>=0.5	PASS
11A	5825	Ant1	16.380	>=0.5	PASS
11A	5825	Ant2	16.380	>=0.5	PASS
11N20	5180	Ant1	23.520	---	PASS
11N20	5180	Ant2	23.820	---	PASS
11N20	5220	Ant1	24.480	---	PASS
11N20	5220	Ant2	23.520	---	PASS
11N20	5240	Ant1	23.520	---	PASS
11N20	5240	Ant2	24.540	---	PASS
11N20	5745	Ant1	17.640	>=0.5	PASS
11N20	5745	Ant2	17.640	>=0.5	PASS
11N20	5785	Ant1	17.640	>=0.5	PASS
11N20	5785	Ant2	17.640	>=0.5	PASS
11N20	5825	Ant1	17.640	>=0.5	PASS
11N20	5825	Ant2	17.610	>=0.5	PASS
11N40	5190	Ant1	45.000	---	PASS

11N40	5190	Ant2	44.640	---	PASS
11N40	5230	Ant1	45.120	---	PASS
11N40	5230	Ant2	44.820	---	PASS
11N40	5755	Ant1	36.420	>=0.5	PASS
11N40	5755	Ant2	36.420	>=0.5	PASS
11N40	5795	Ant1	36.420	>=0.5	PASS
11N40	5795	Ant2	36.180	>=0.5	PASS
11AC20	5180	Ant1	23.640	---	PASS
11AC20	5180	Ant2	23.550	---	PASS
11AC20	5220	Ant1	24.750	---	PASS
11AC20	5220	Ant2	23.430	---	PASS
11AC20	5240	Ant1	23.580	---	PASS
11AC20	5240	Ant2	23.550	---	PASS
11AC20	5745	Ant1	17.640	>=0.5	PASS
11AC20	5745	Ant2	17.640	>=0.5	PASS
11AC20	5785	Ant1	17.670	>=0.5	PASS
11AC20	5785	Ant2	17.640	>=0.5	PASS
11AC20	5825	Ant1	17.670	>=0.5	PASS
11AC20	5825	Ant2	17.640	>=0.5	PASS
11AC80	5210	Ant1	90.000	---	PASS
11AC80	5210	Ant2	90.600	---	PASS
11AC80	5775	Ant1	76.680	>=0.5	PASS
11AC80	5775	Ant2	76.680	>=0.5	PASS
11AC40	5190	Ant1	44.940	---	PASS
11AC40	5190	Ant2	45.060	---	PASS
11AC40	5230	Ant1	45.060	---	PASS
11AC40	5230	Ant2	44.880	---	PASS
11AC40	5755	Ant1	36.420	>=0.5	PASS
11AC40	5755	Ant2	36.180	>=0.5	PASS
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11AC40	5795	Ant2	36.420	>=0.5	PASS

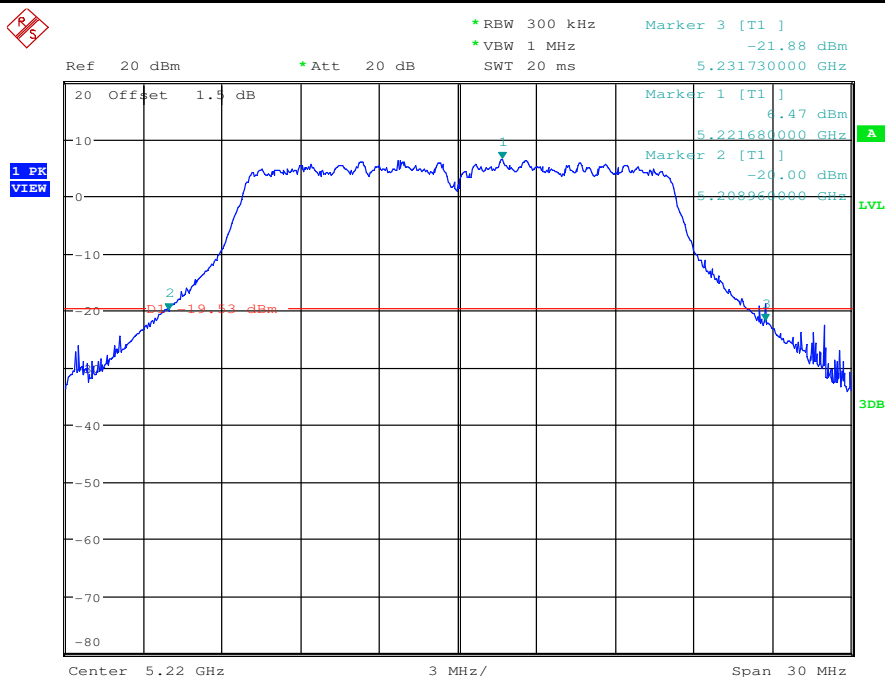
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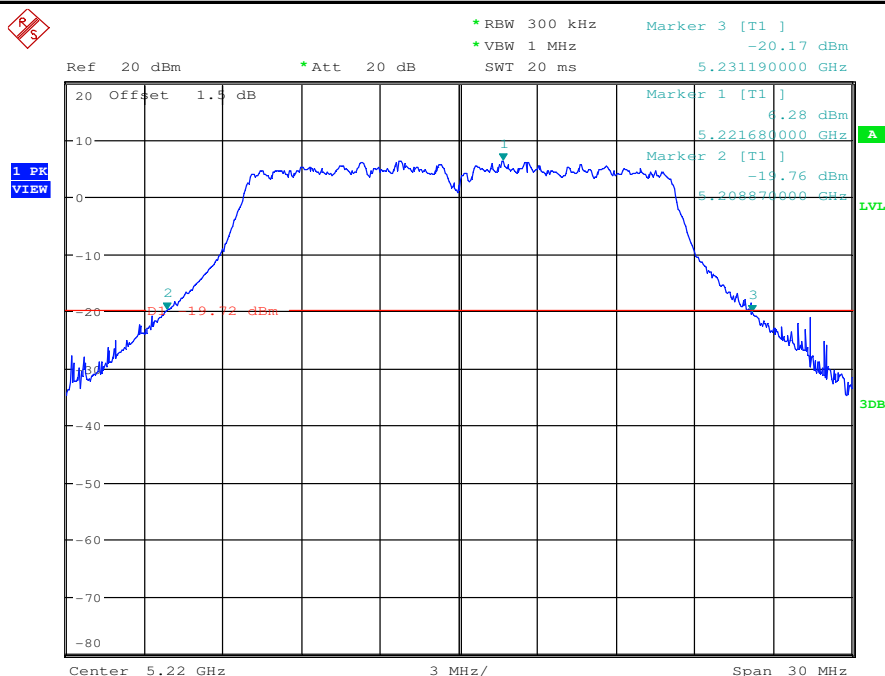
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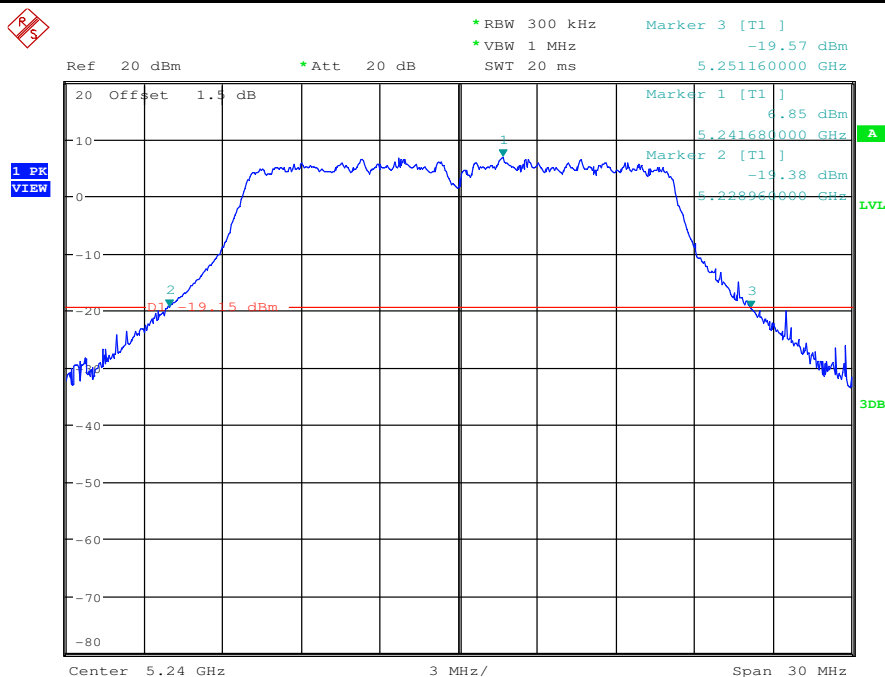
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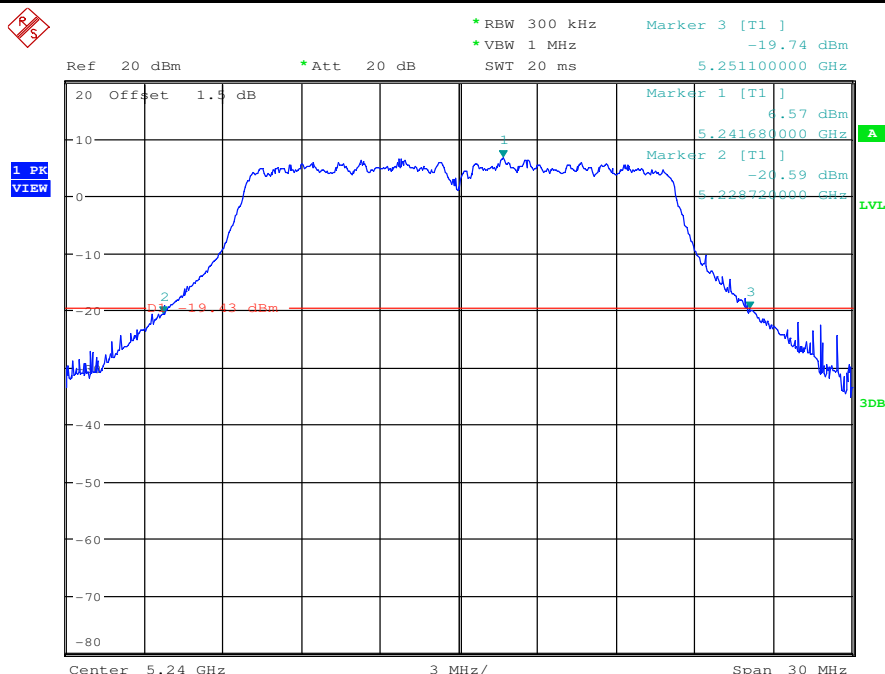
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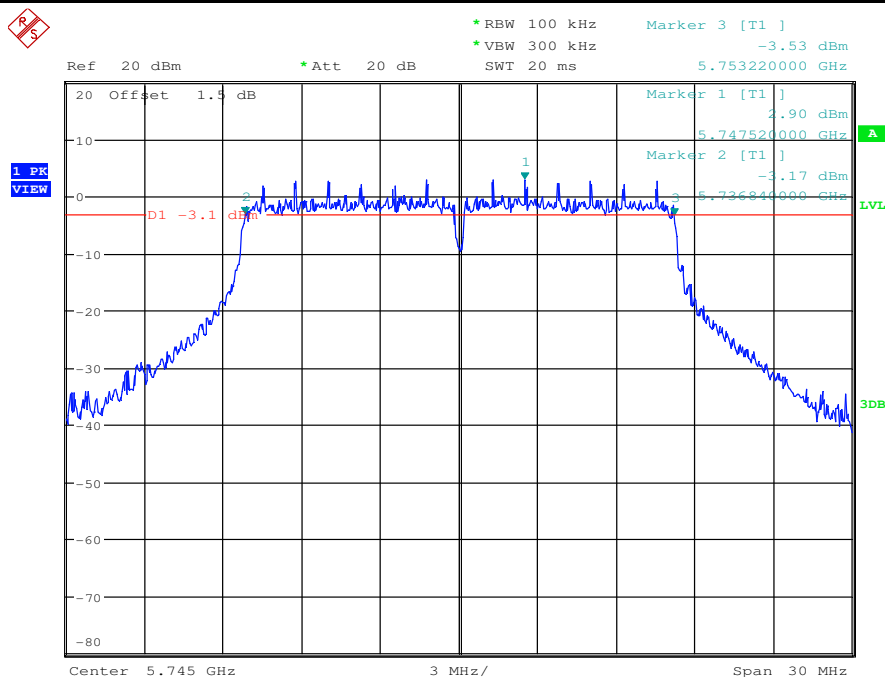
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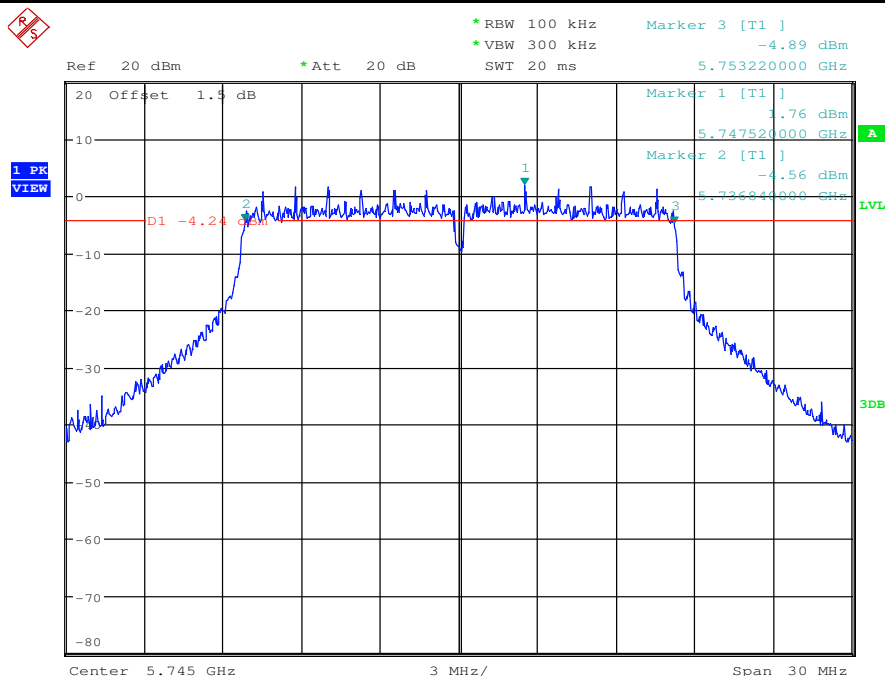
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Emission Bandwidth Measurement_11A_5745_Ant1



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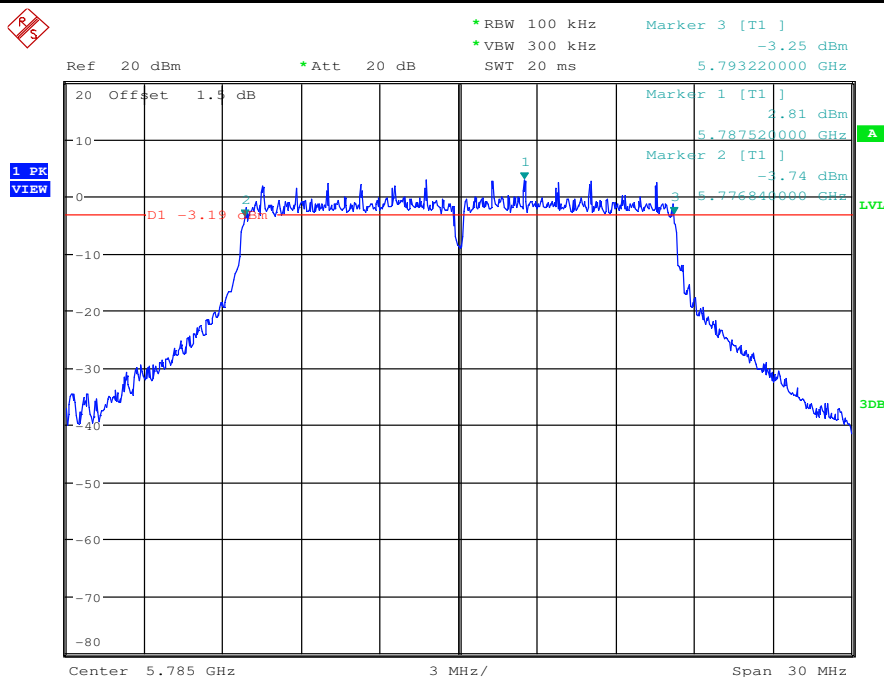


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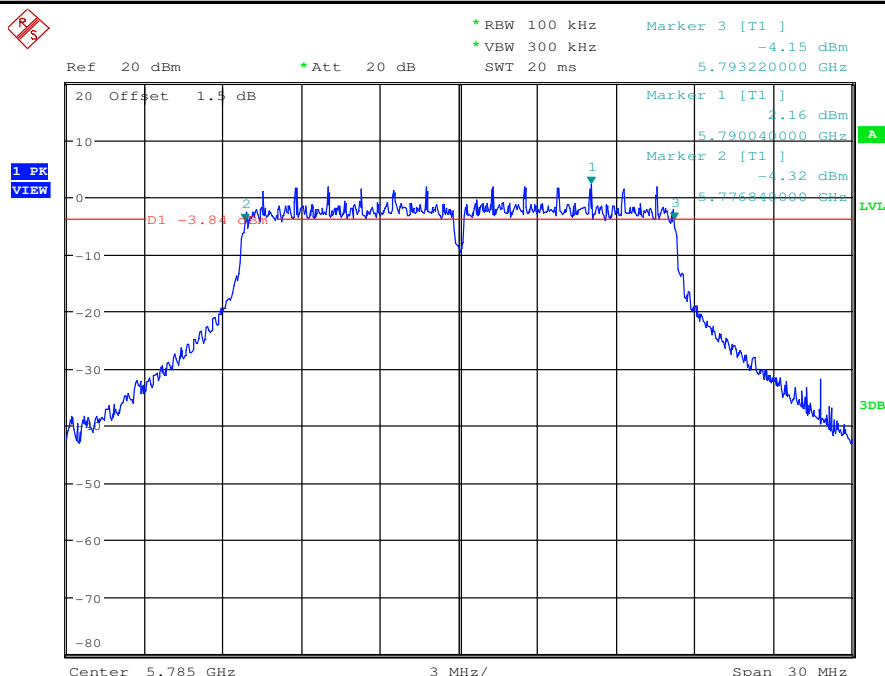
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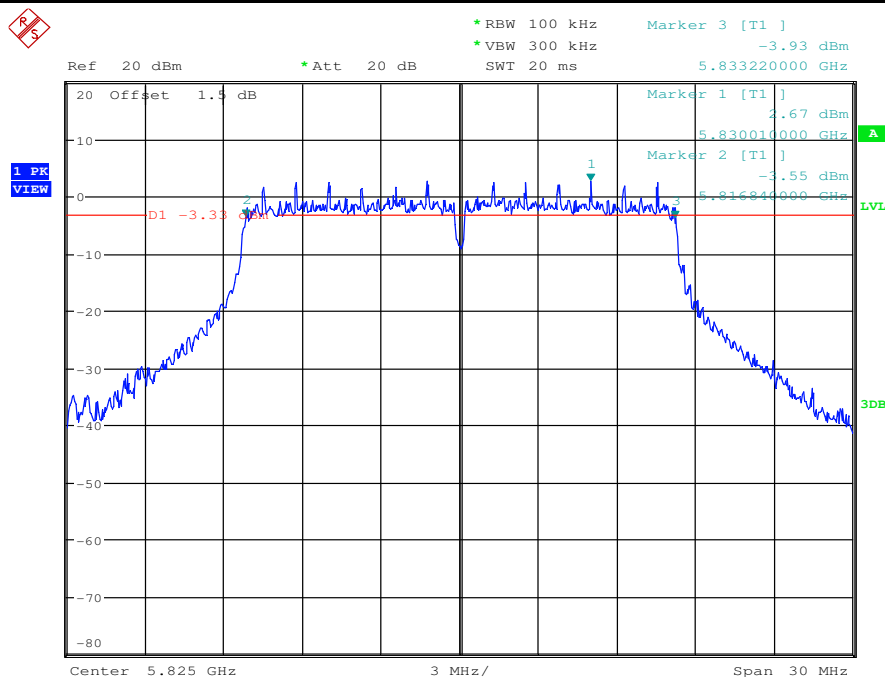
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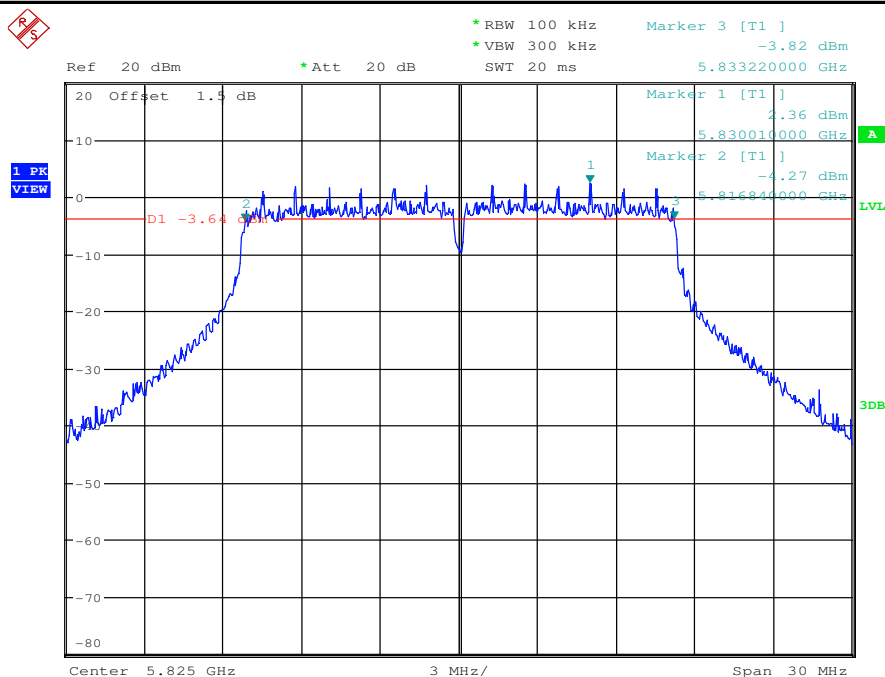
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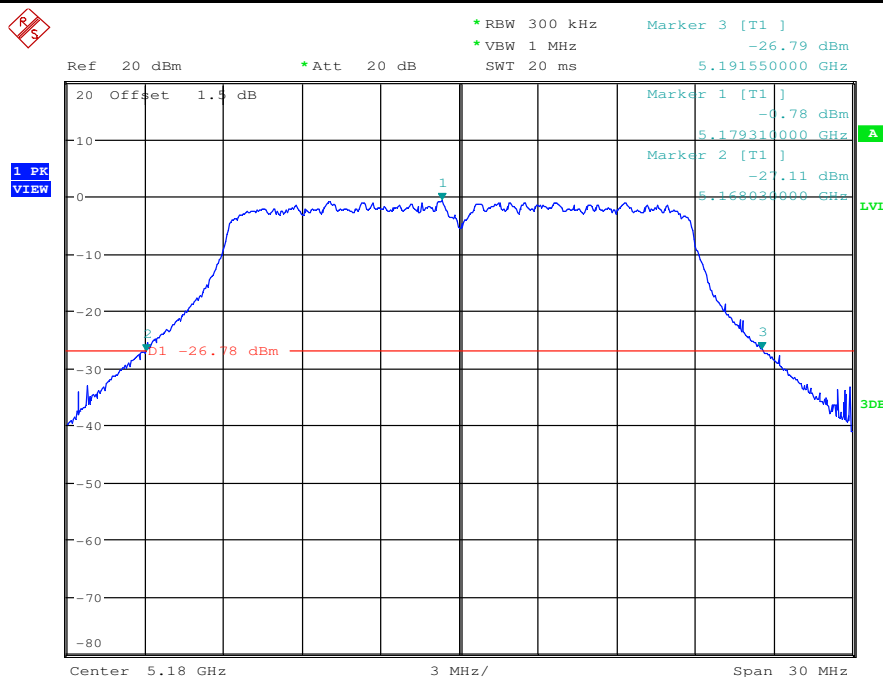
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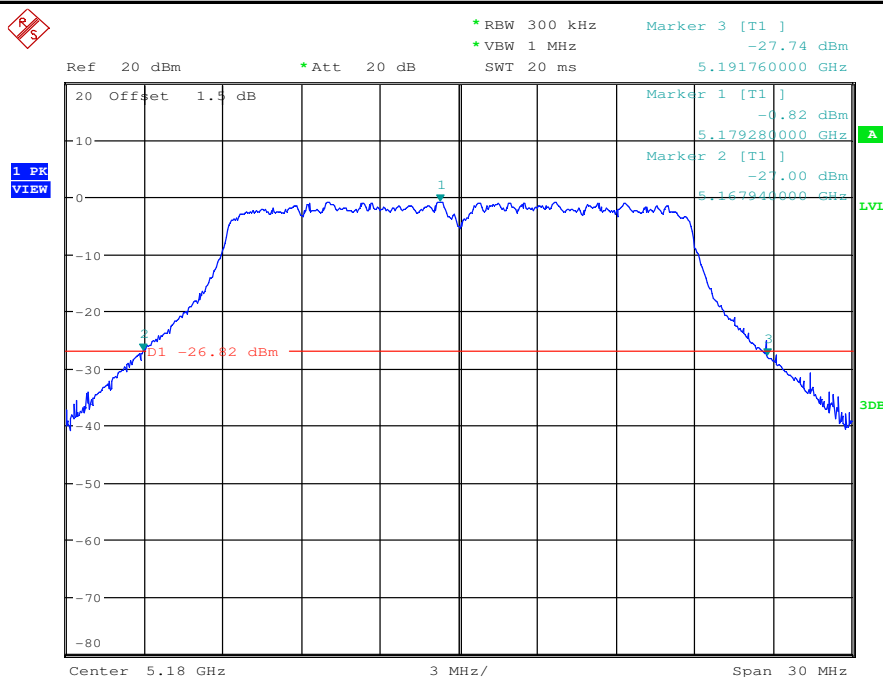
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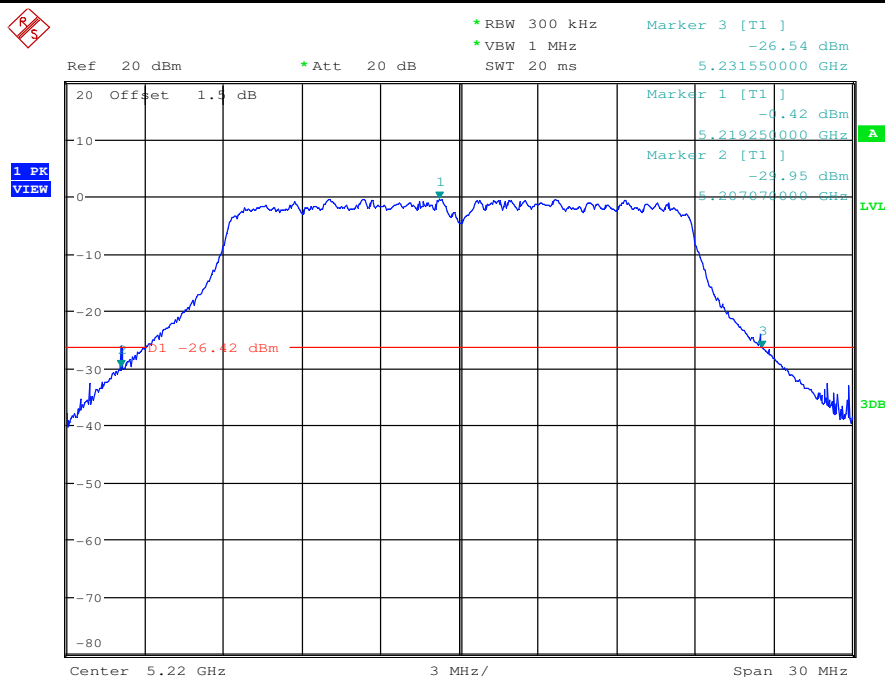
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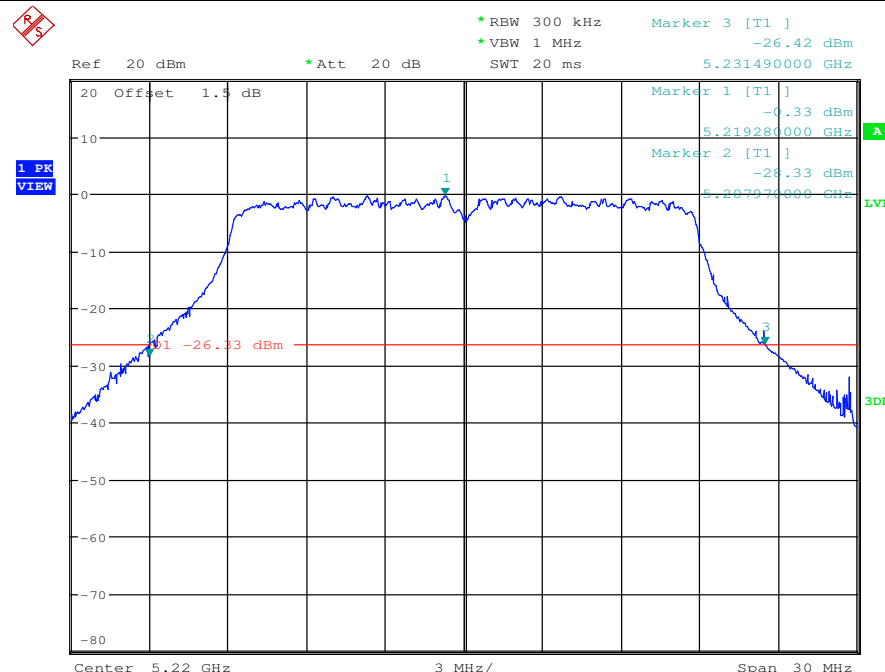
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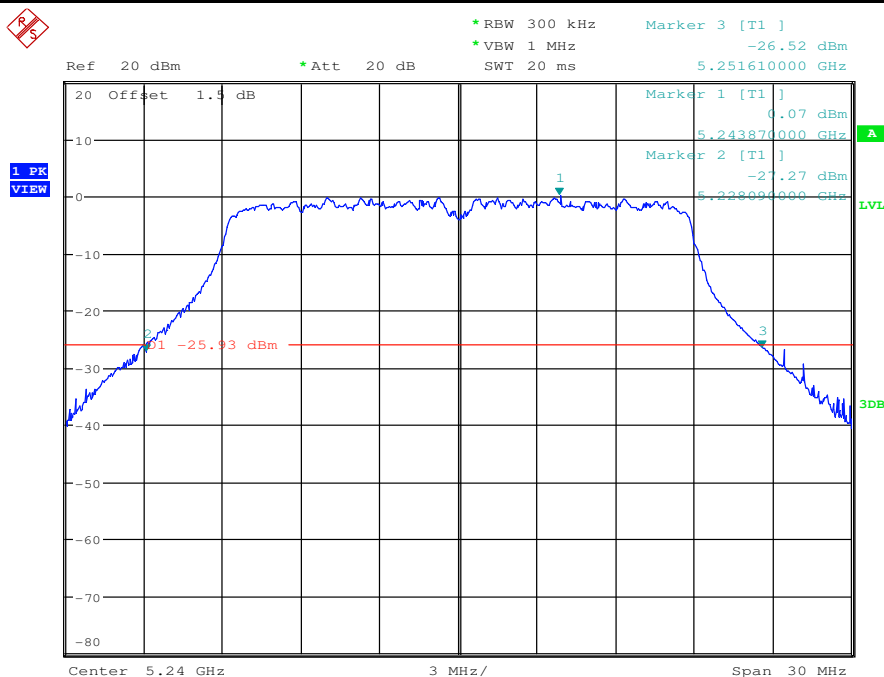
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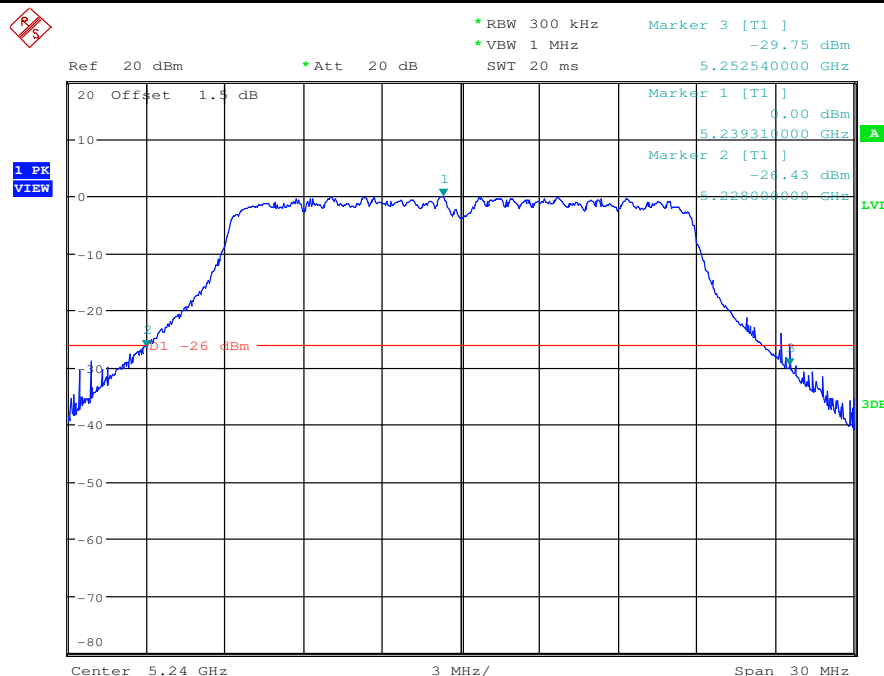
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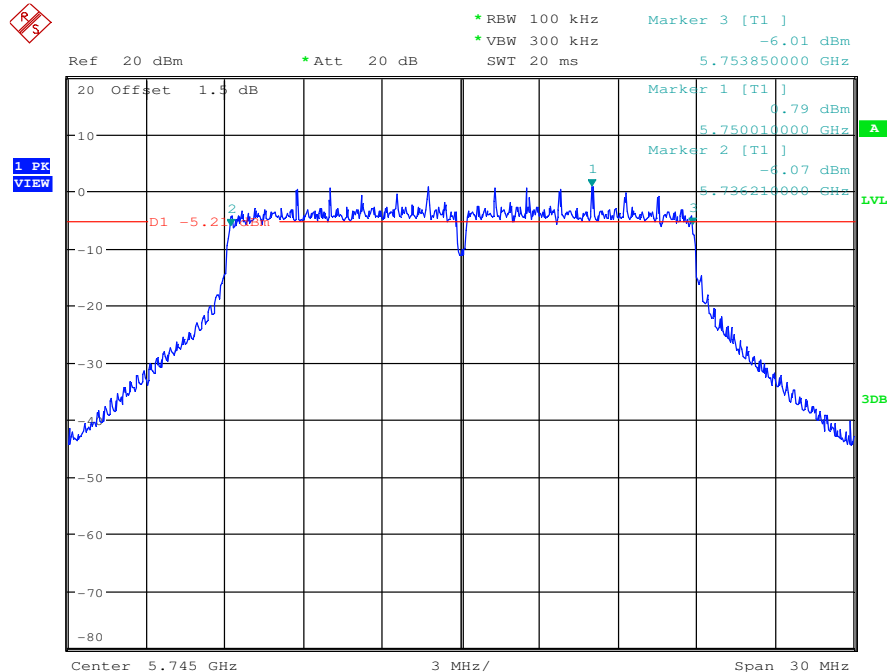


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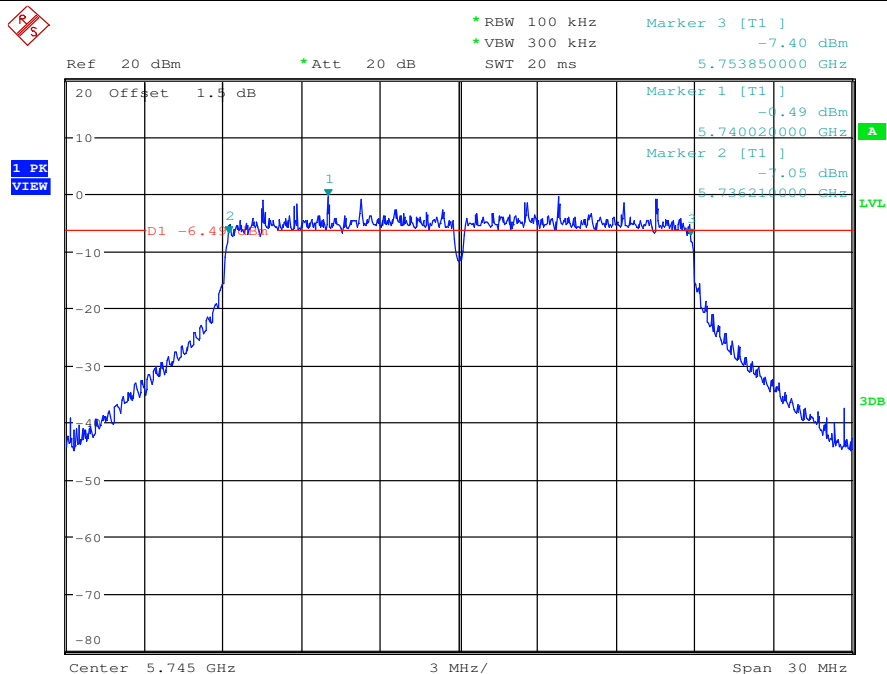
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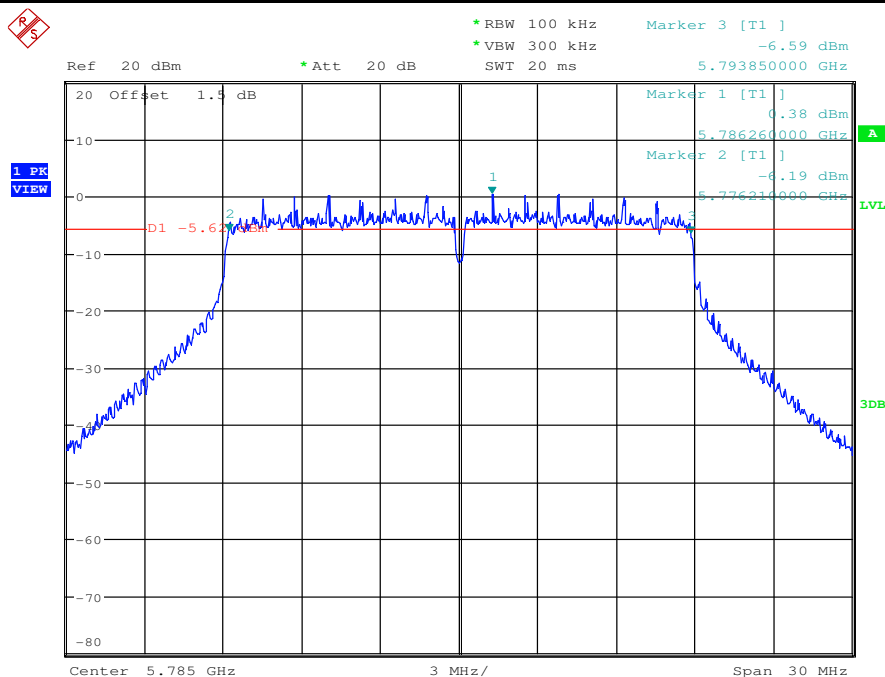
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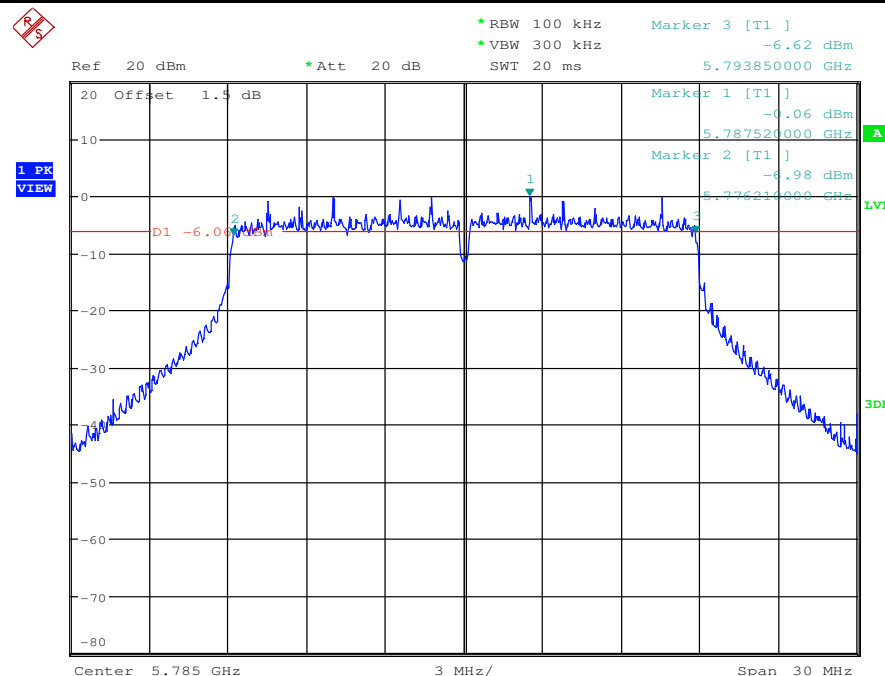
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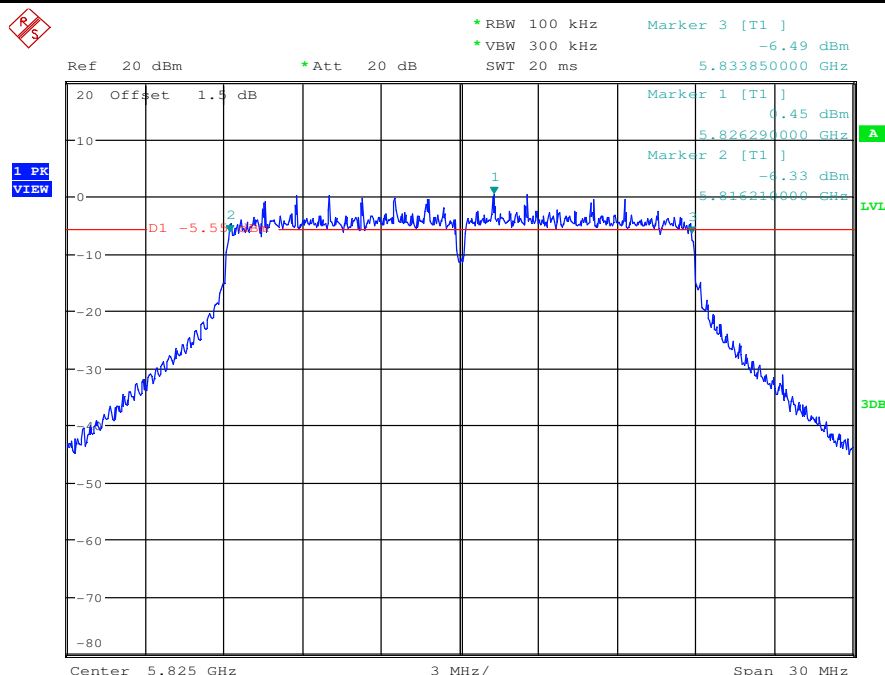
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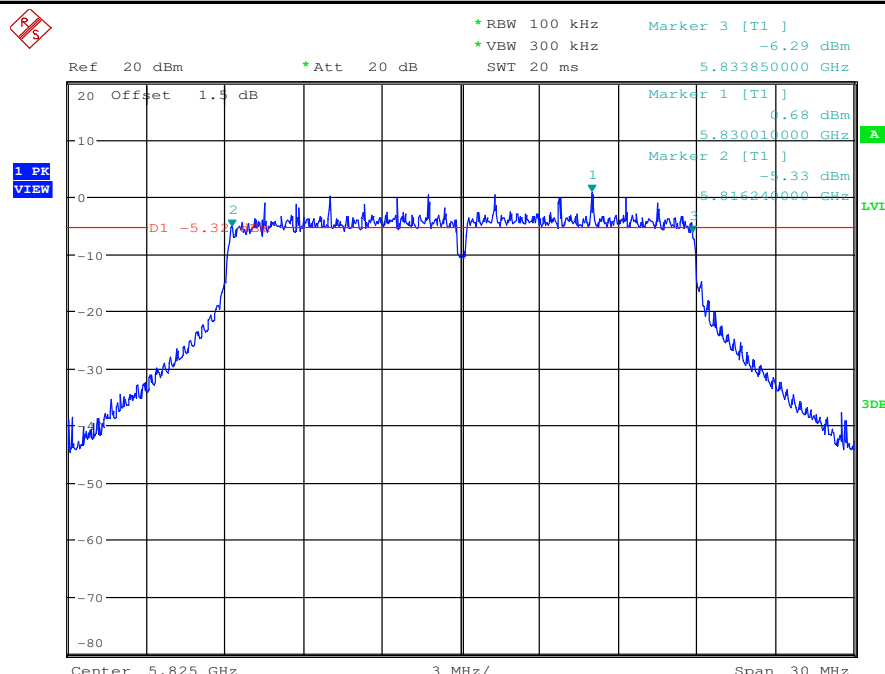
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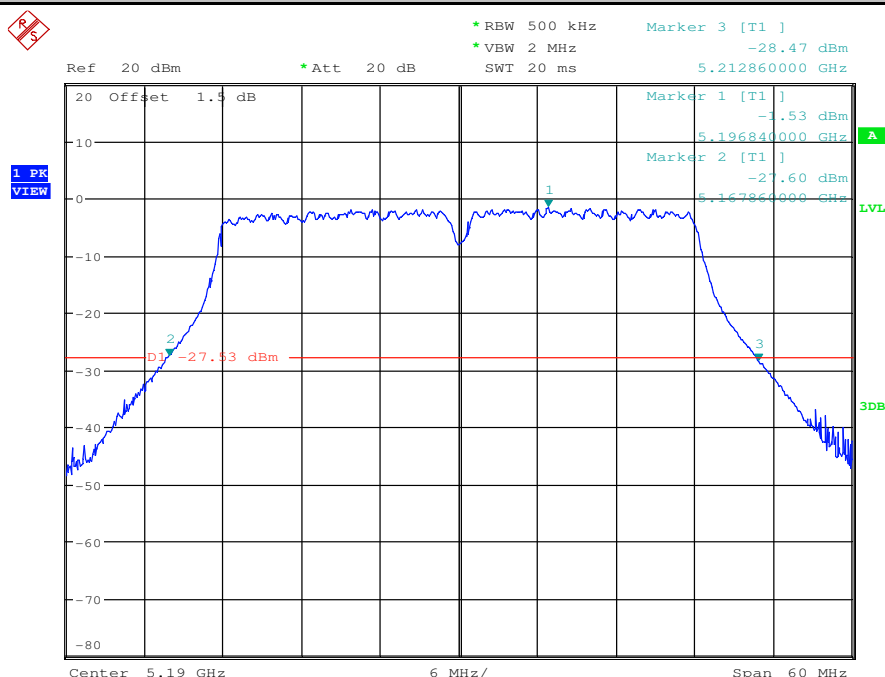
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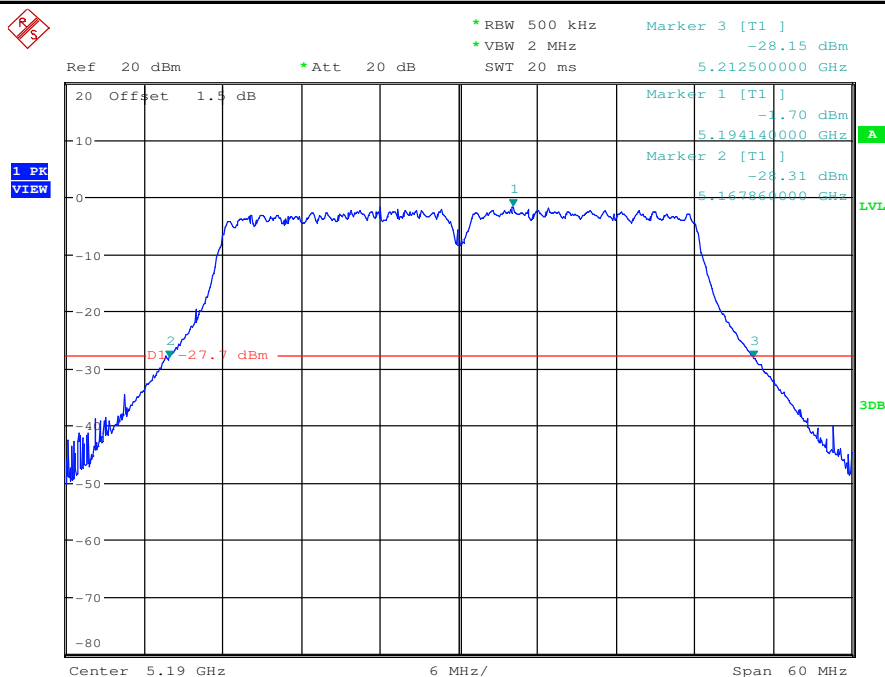
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Emission Bandwidth Measurement 11N40 5190 Ant1



Emission Bandwidth Measurement 11N40 5190 Ant2



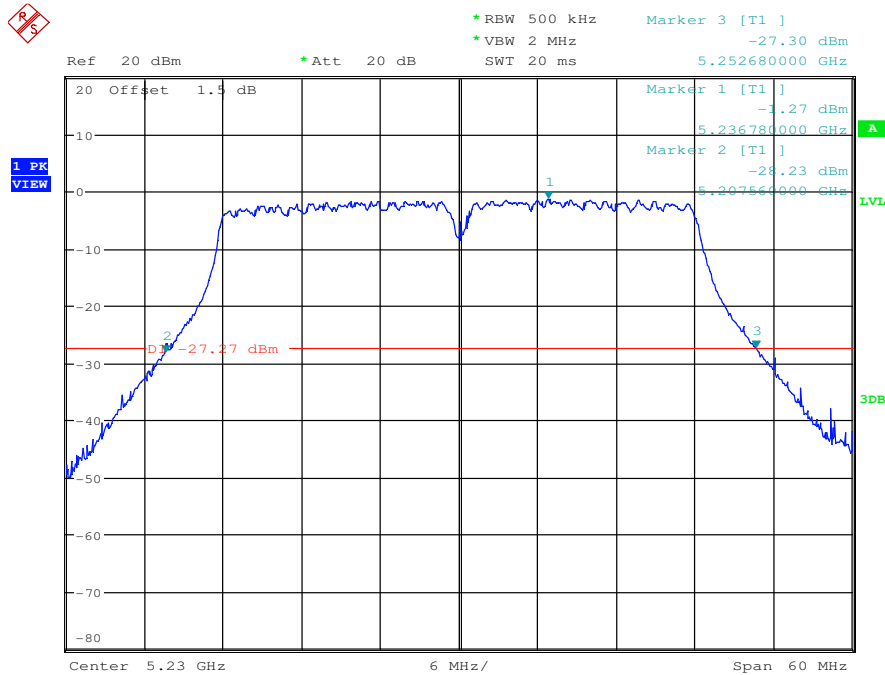
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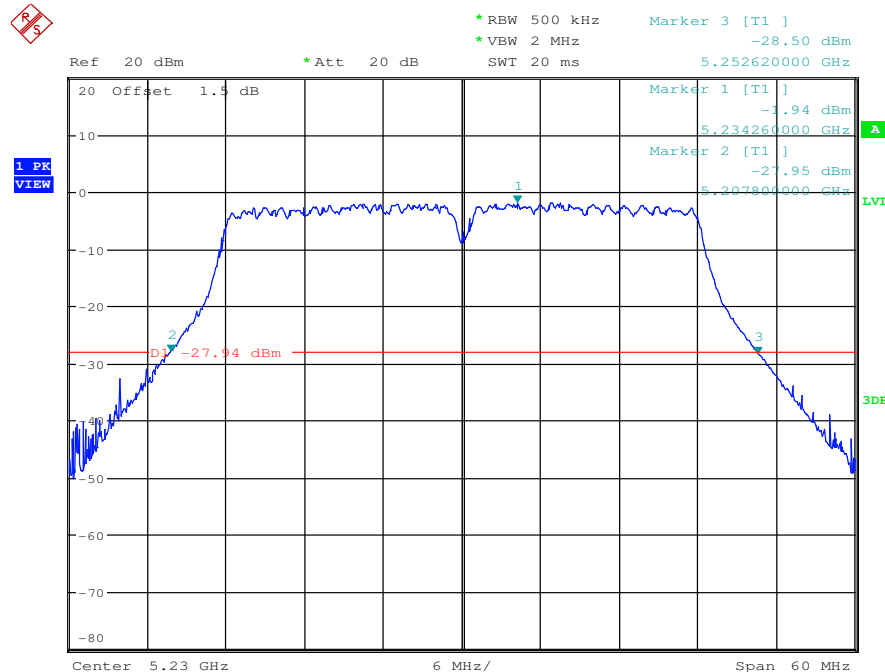
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Emission Bandwidth Measurement_11N40_5230_Ant1



Emission Bandwidth Measurement_11N40_5230_Ant2

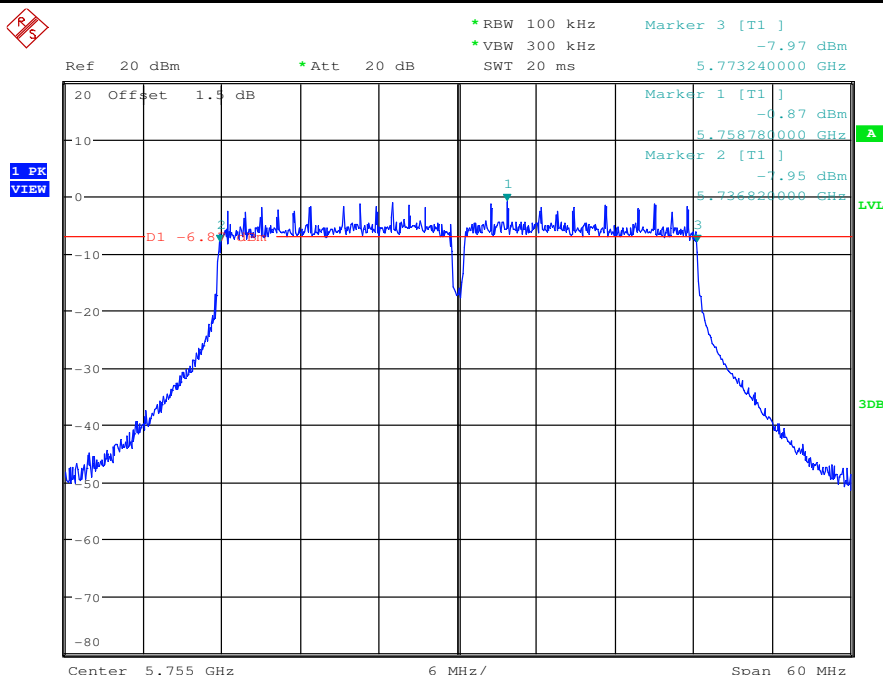


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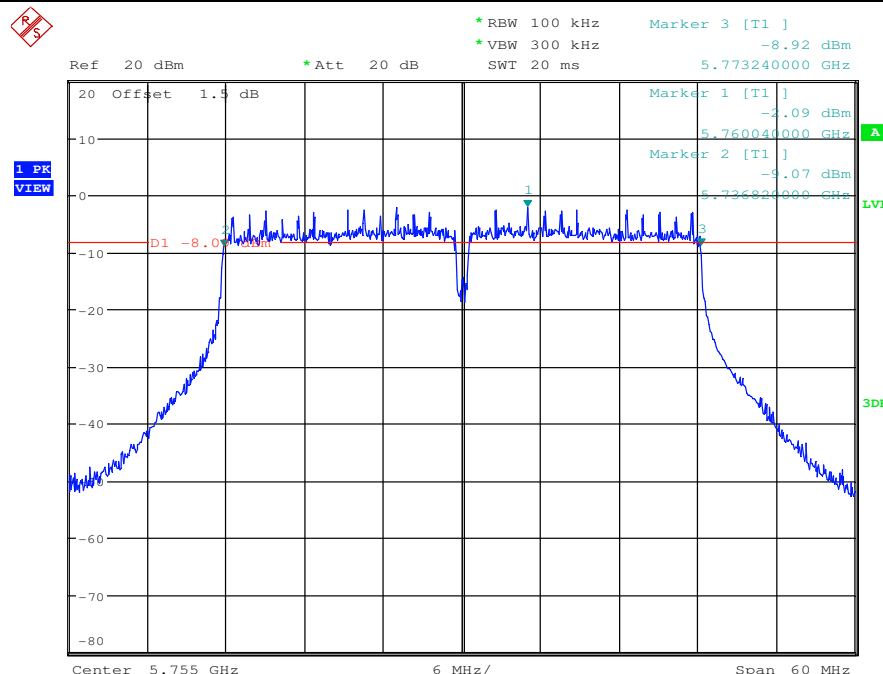
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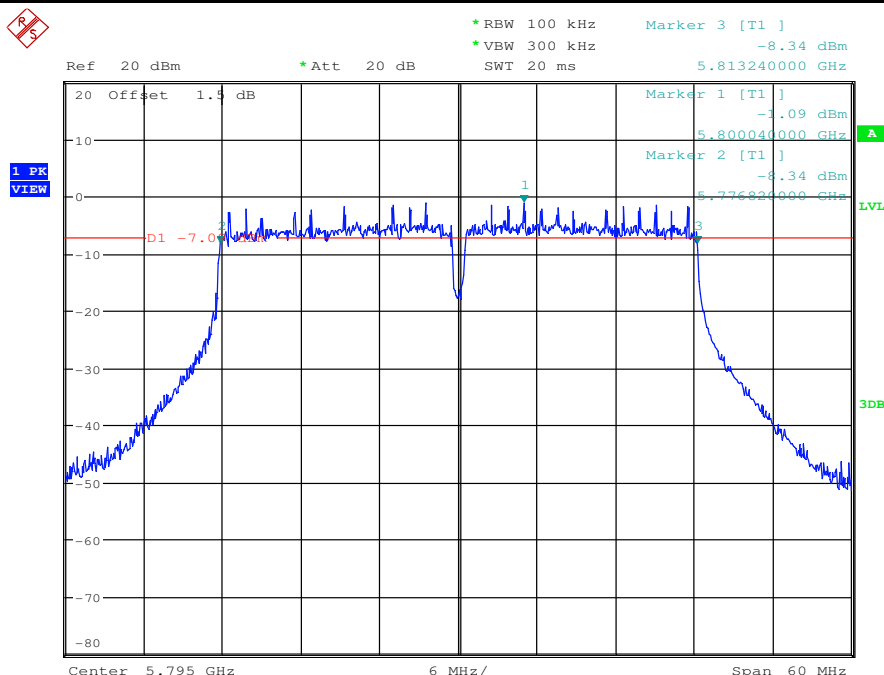
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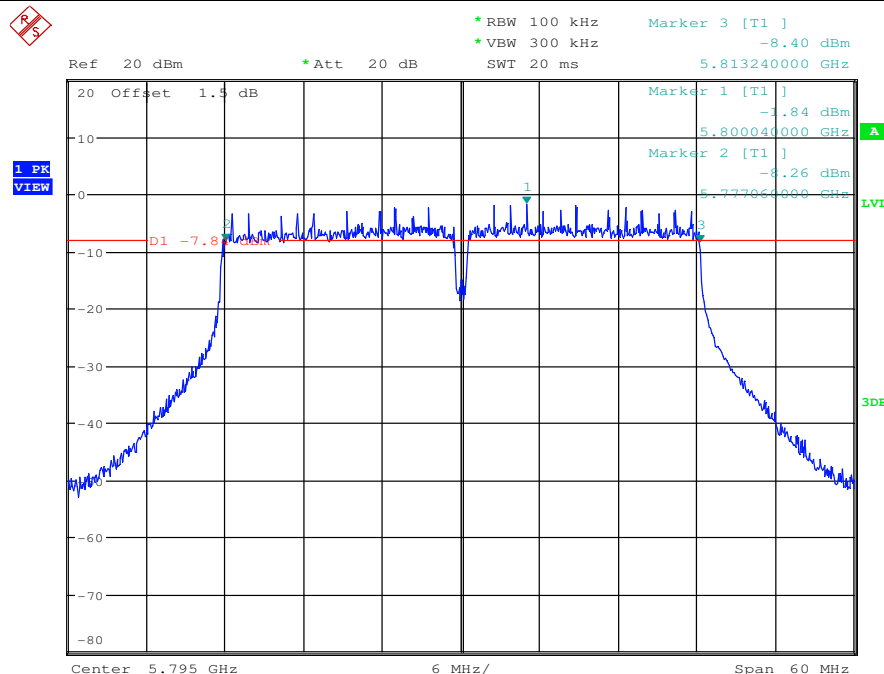
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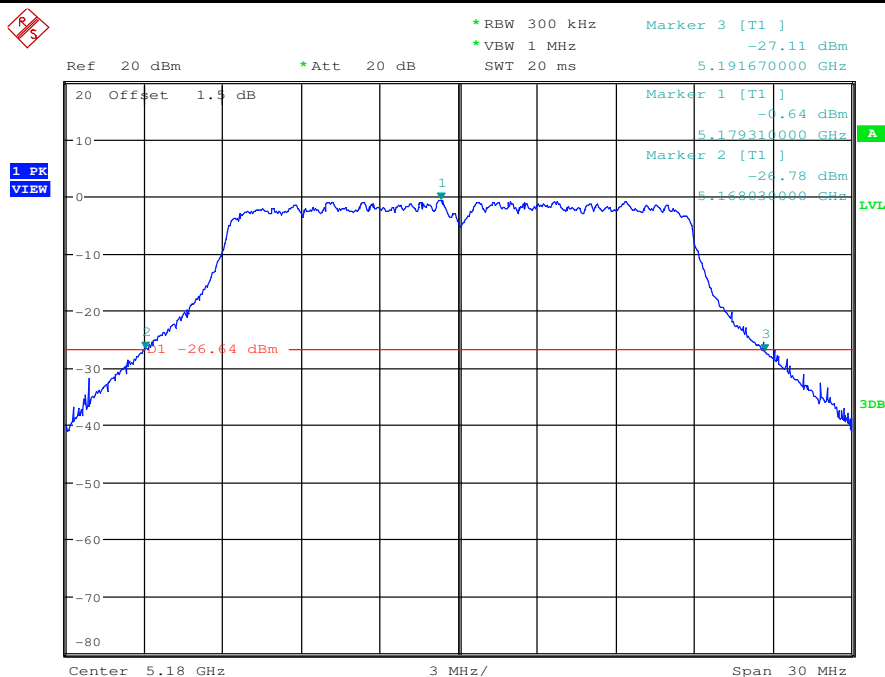
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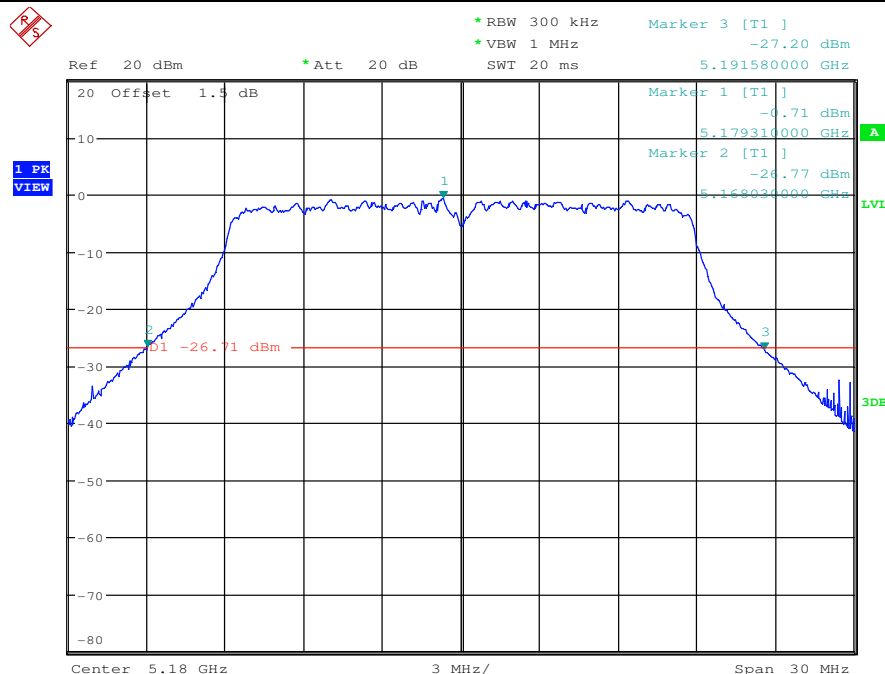
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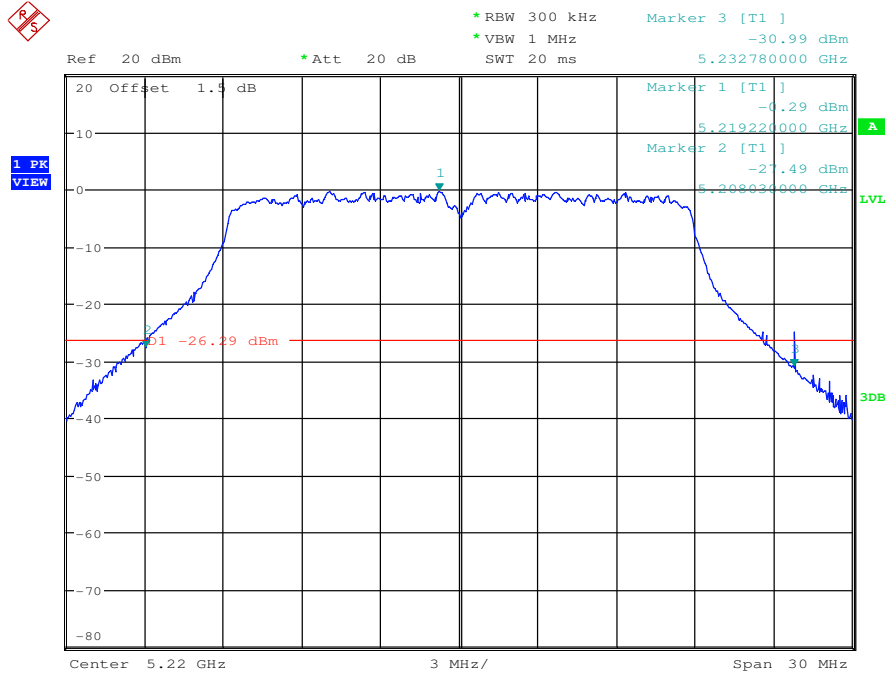
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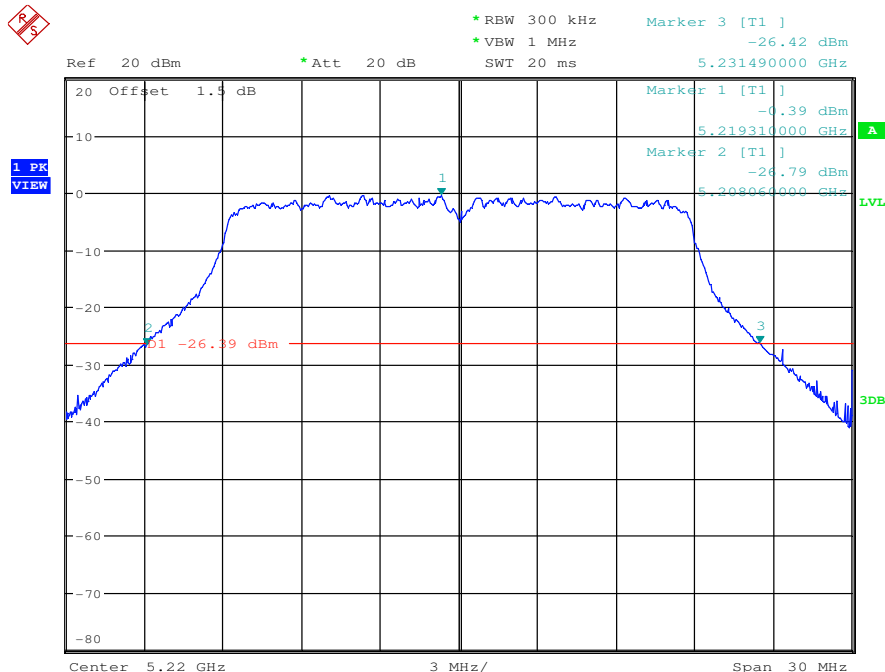
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Emission Bandwidth Measurement_11AC20_5220_Ant1



Emission Bandwidth Measurement_11AC20_5220_Ant2



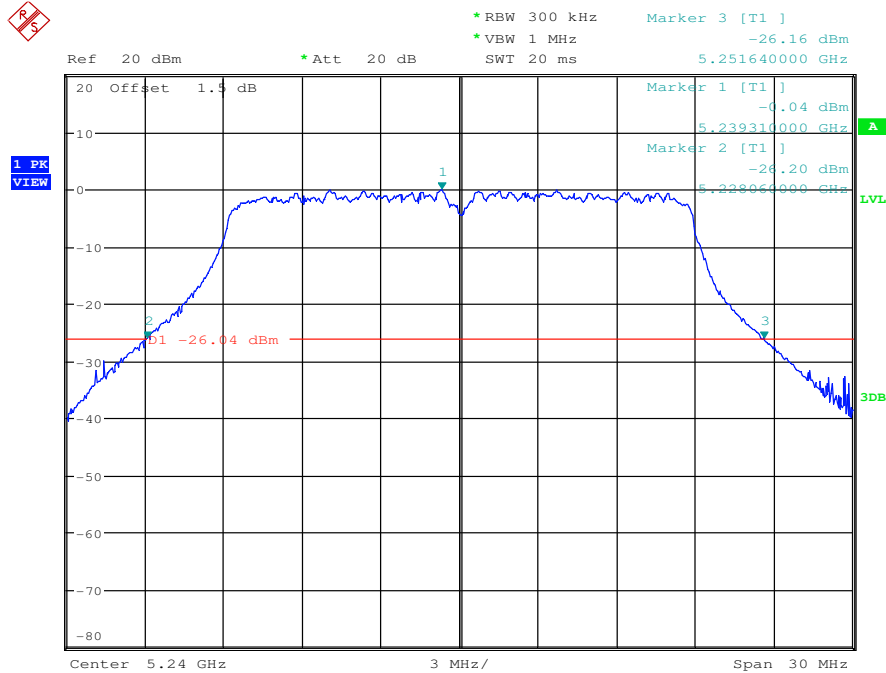
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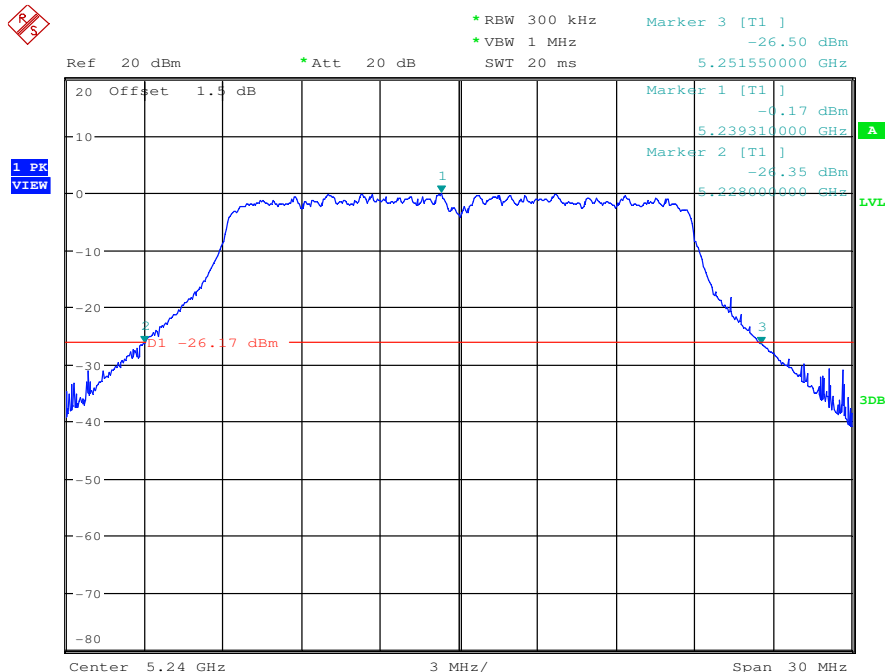
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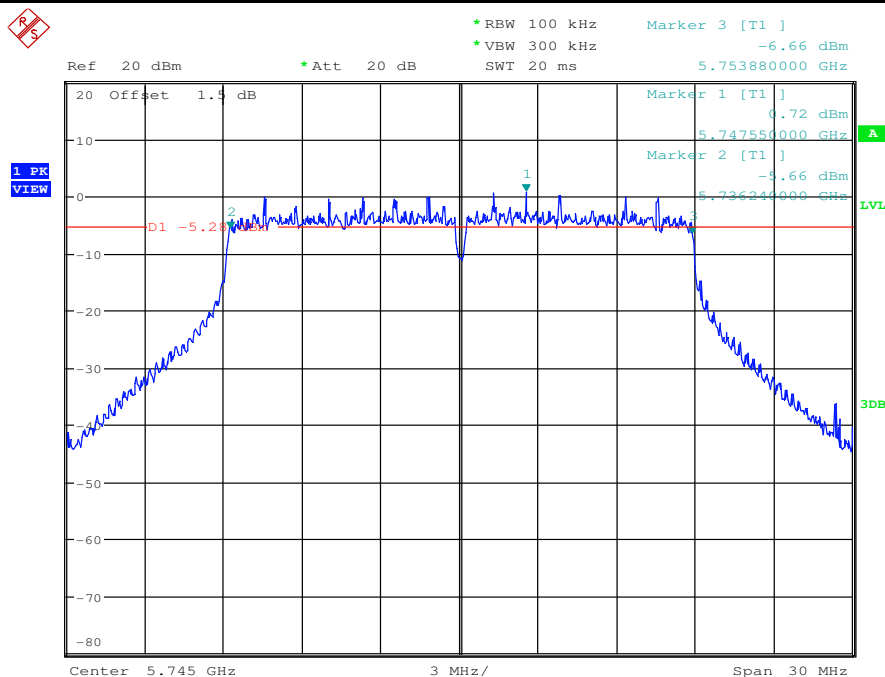
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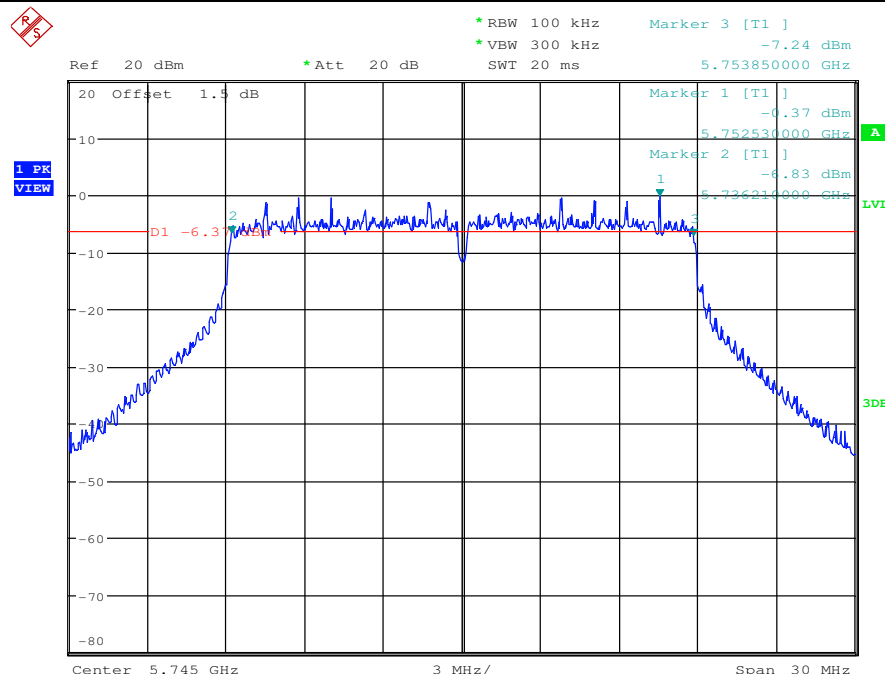
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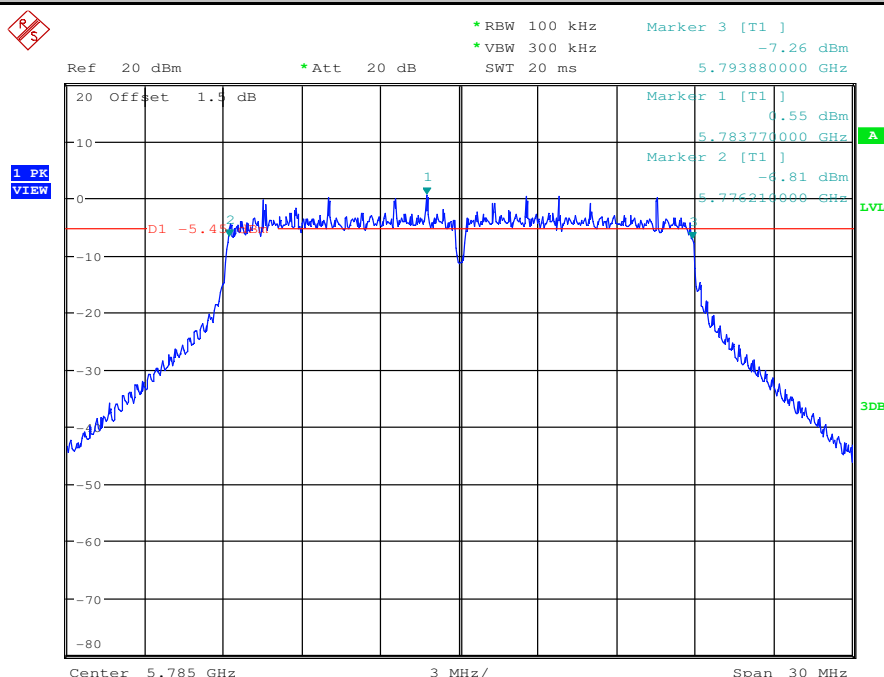
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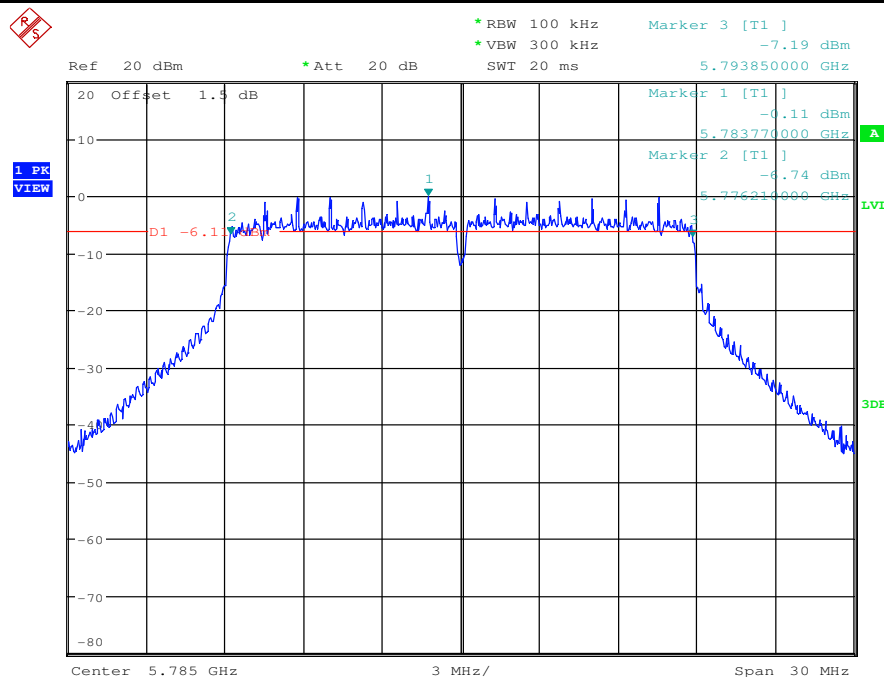
Emission Bandwidth Measurement_11AC20_5745_Ant2



Emission Bandwidth Measurement 11AC20 5785 Ant1



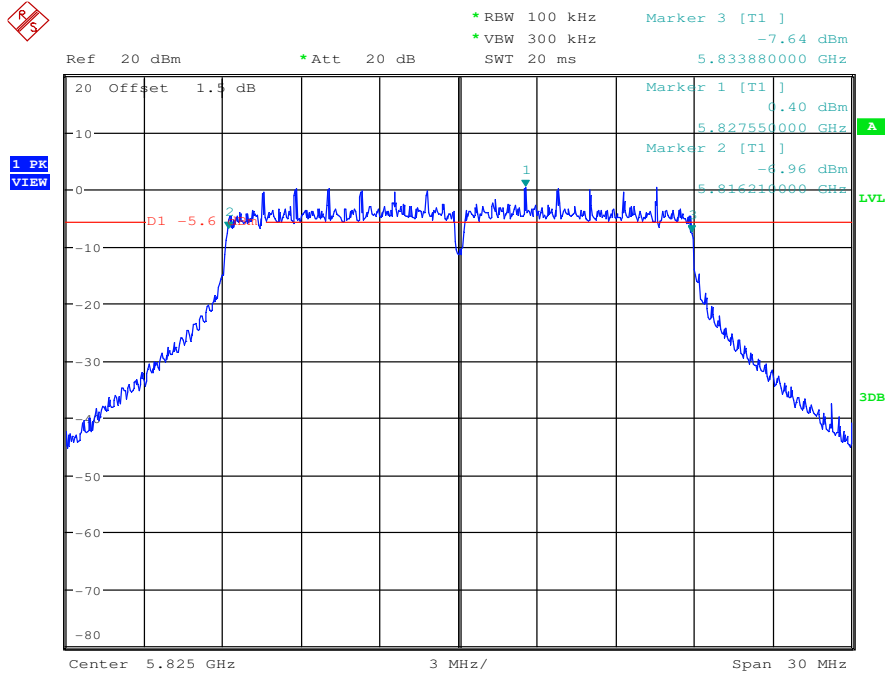
Emission Bandwidth Measurement 11AC20 5785 Ant2



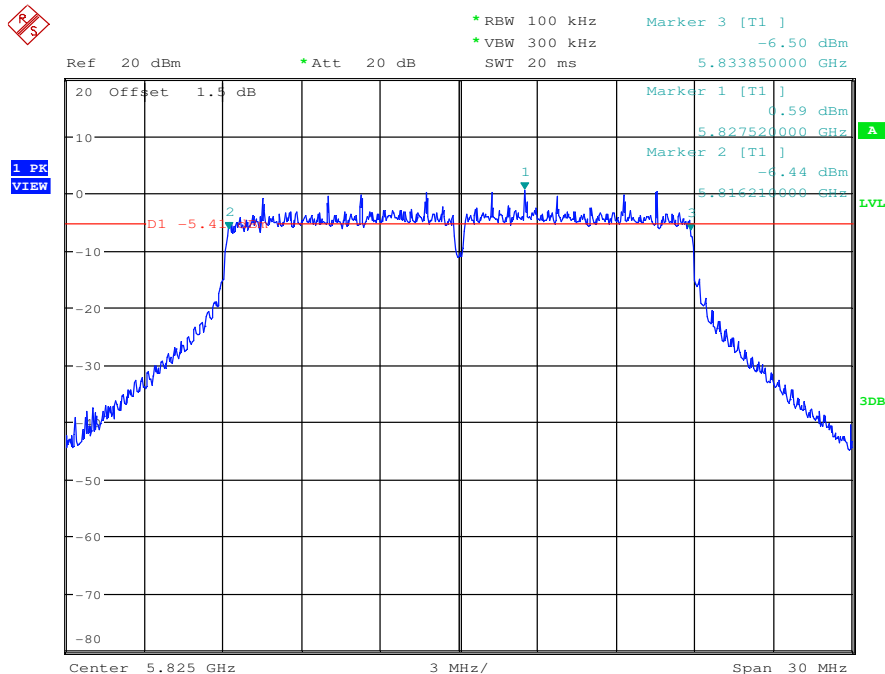
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Emission Bandwidth Measurement_11AC20_5825_Ant1



Emission Bandwidth Measurement_11AC20_5825_Ant2



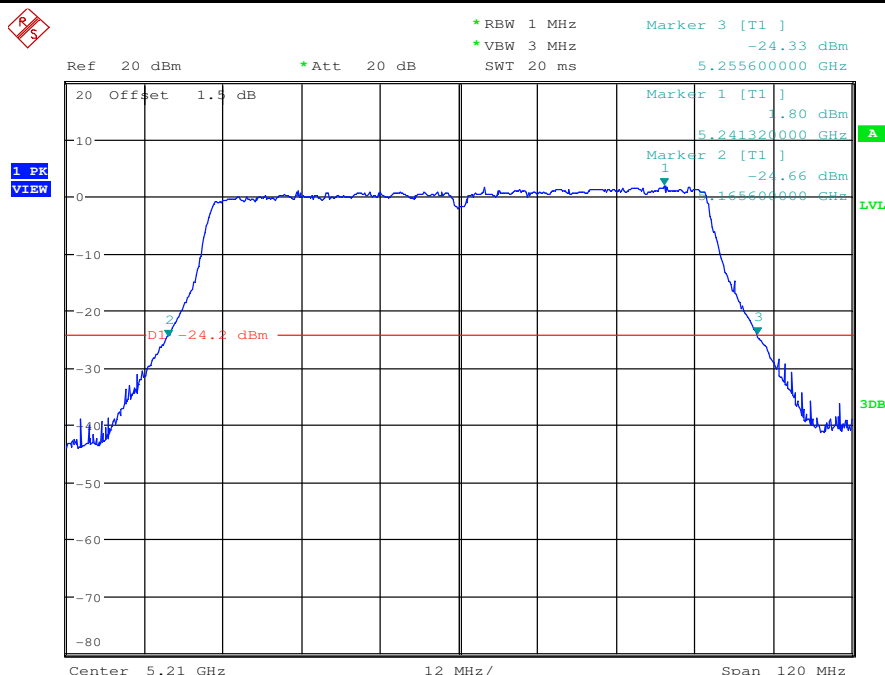
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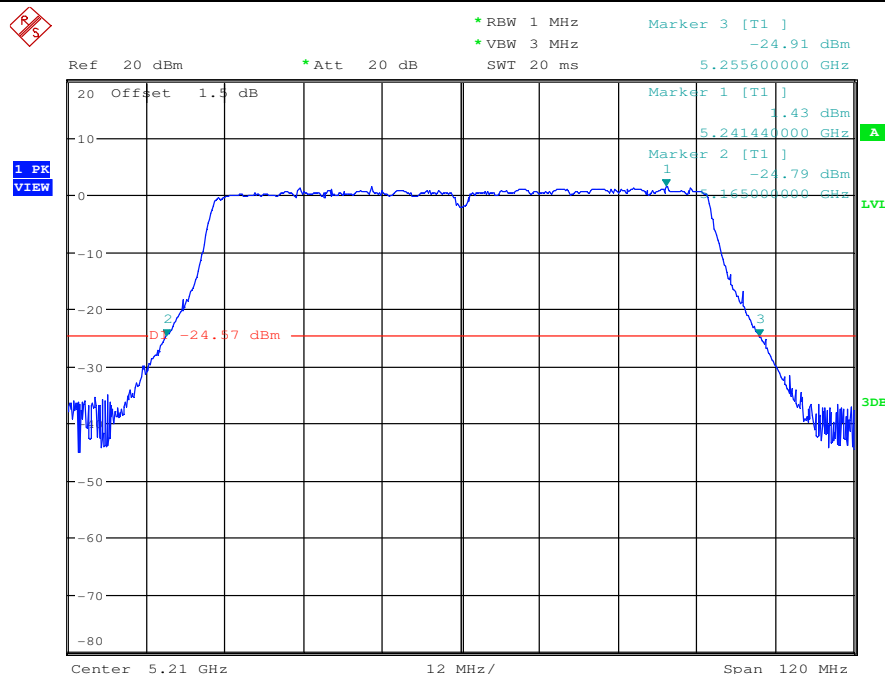
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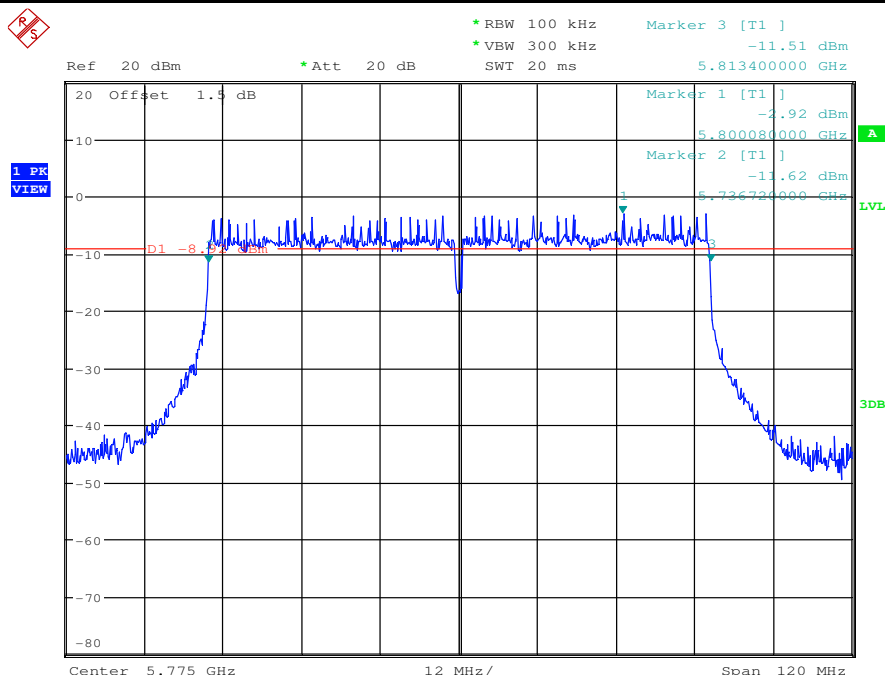
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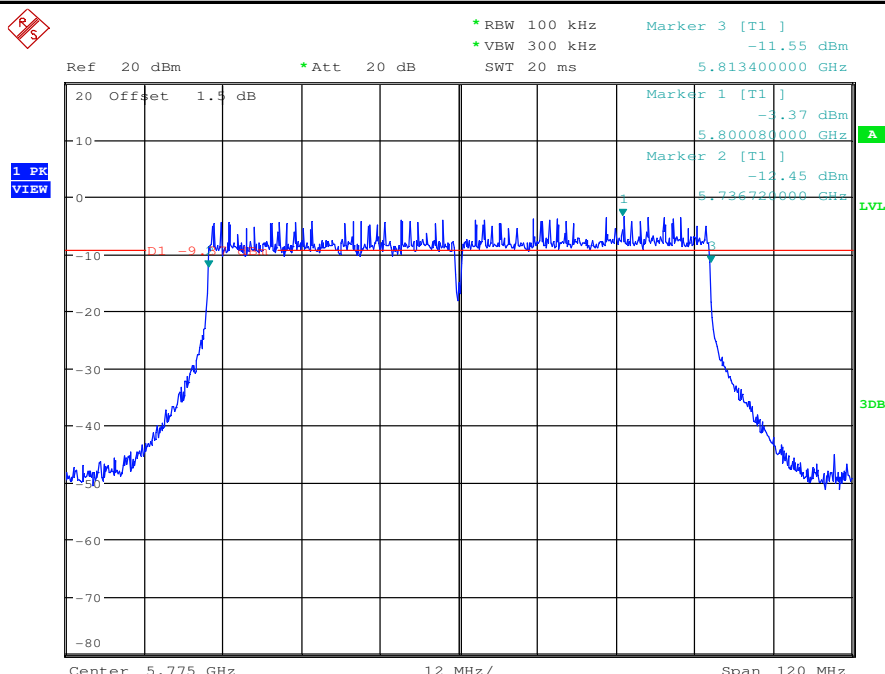
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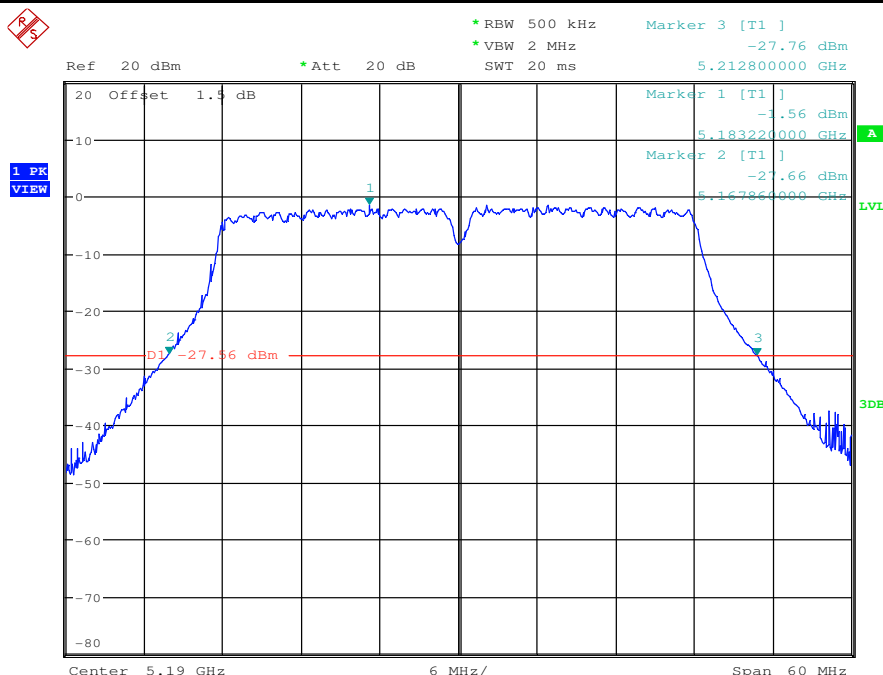
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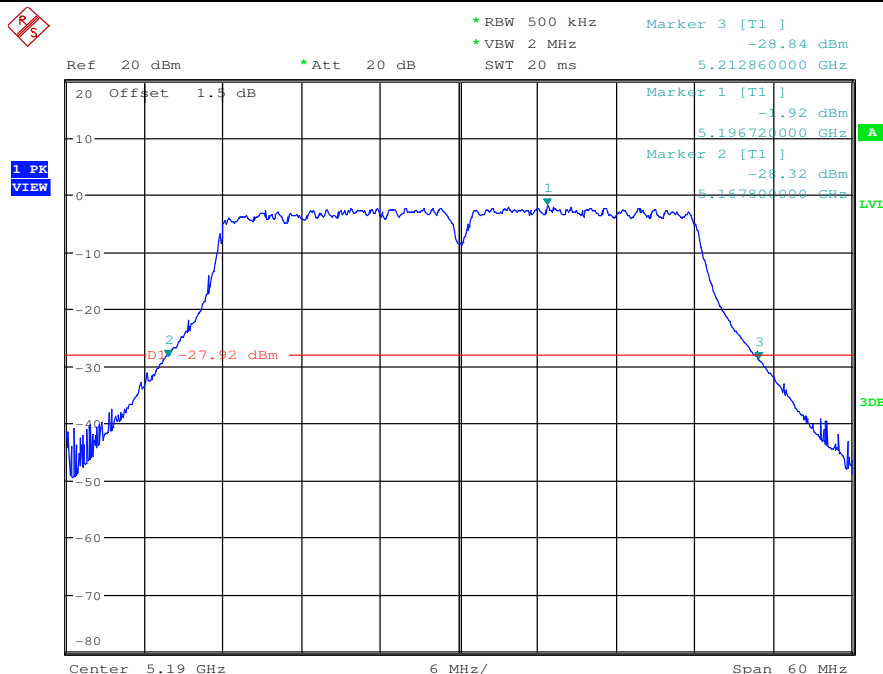
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Emission Bandwidth Measurement_11AC40_5190_Ant1

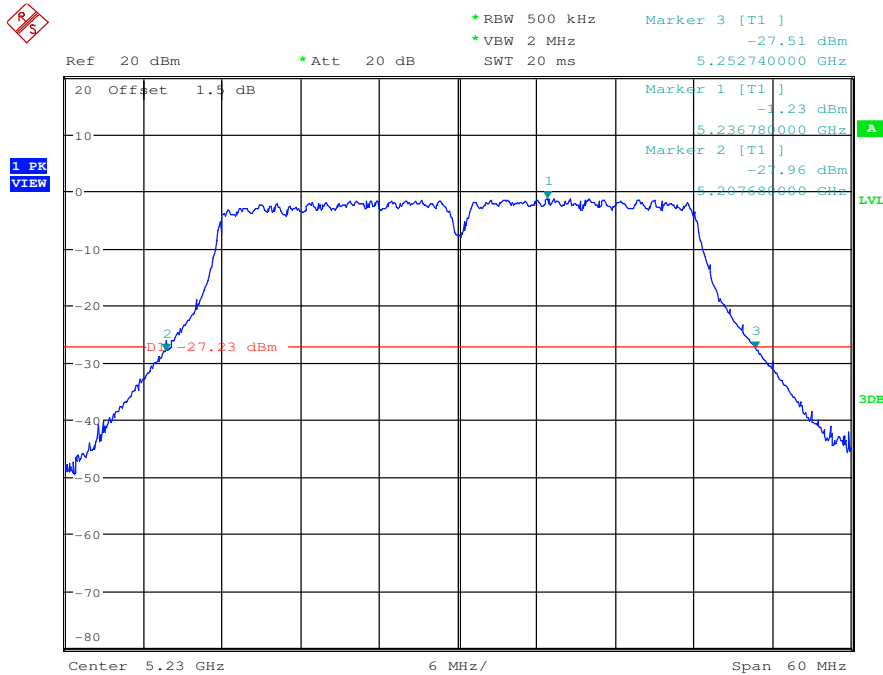


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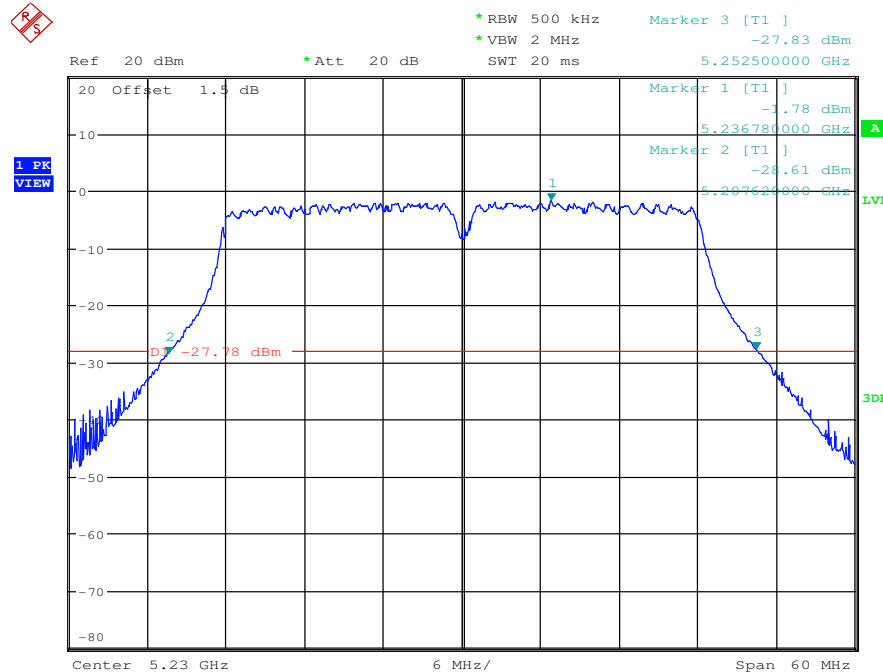




Emission Bandwidth Measurement_11AC40_5230_Ant1



Emission Bandwidth Measurement_11AC40_5230_Ant2

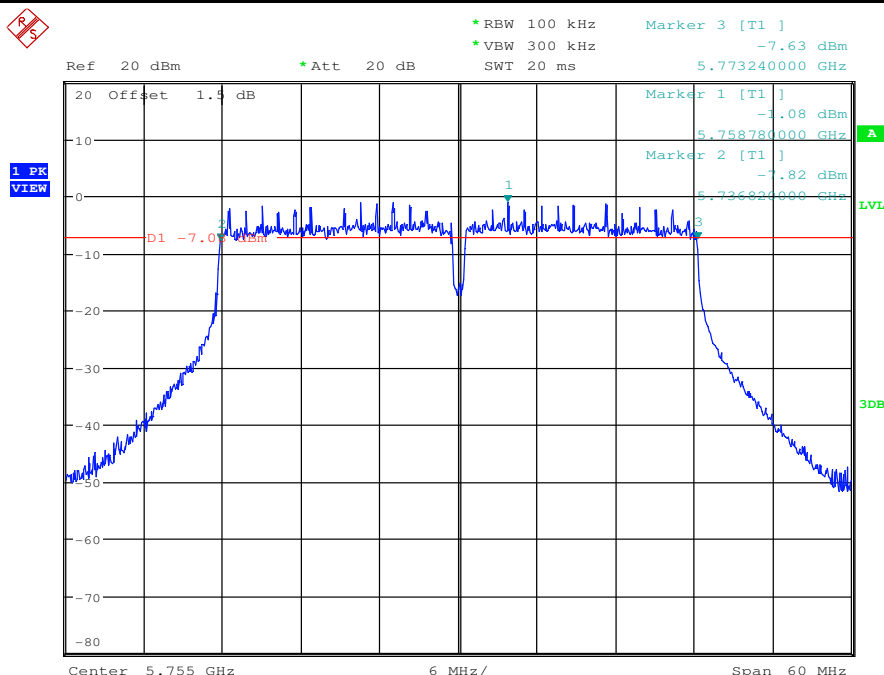


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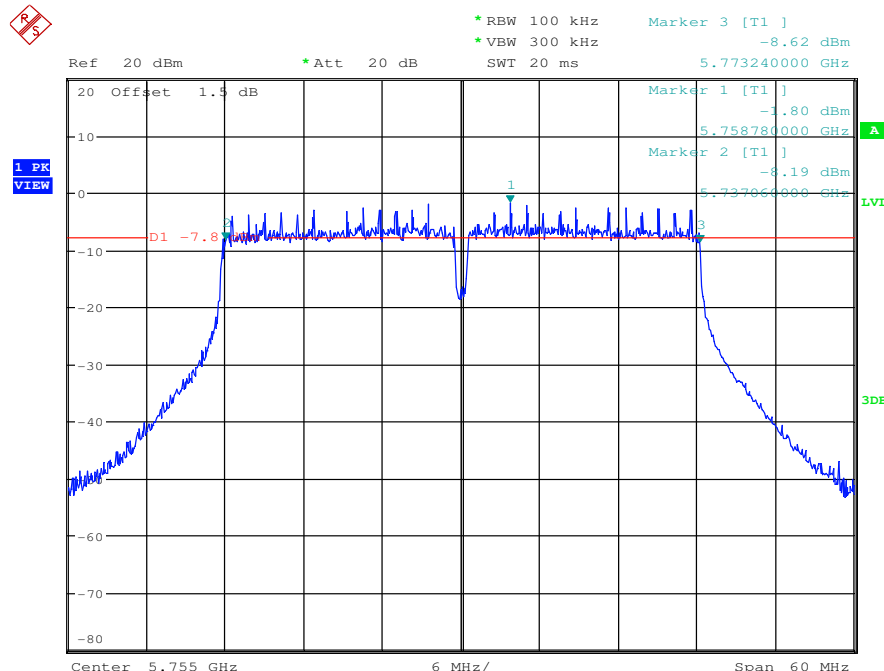
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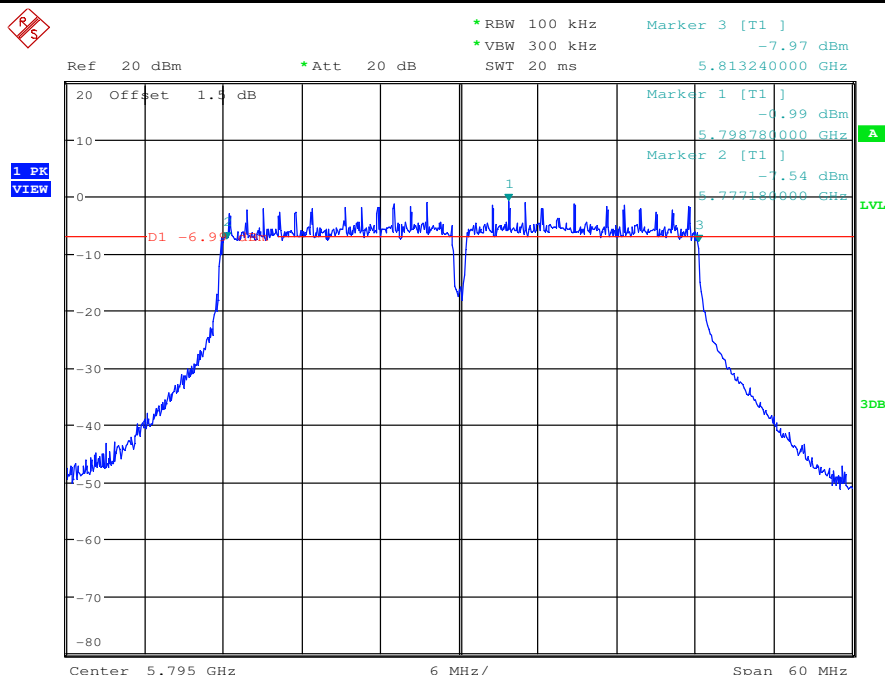
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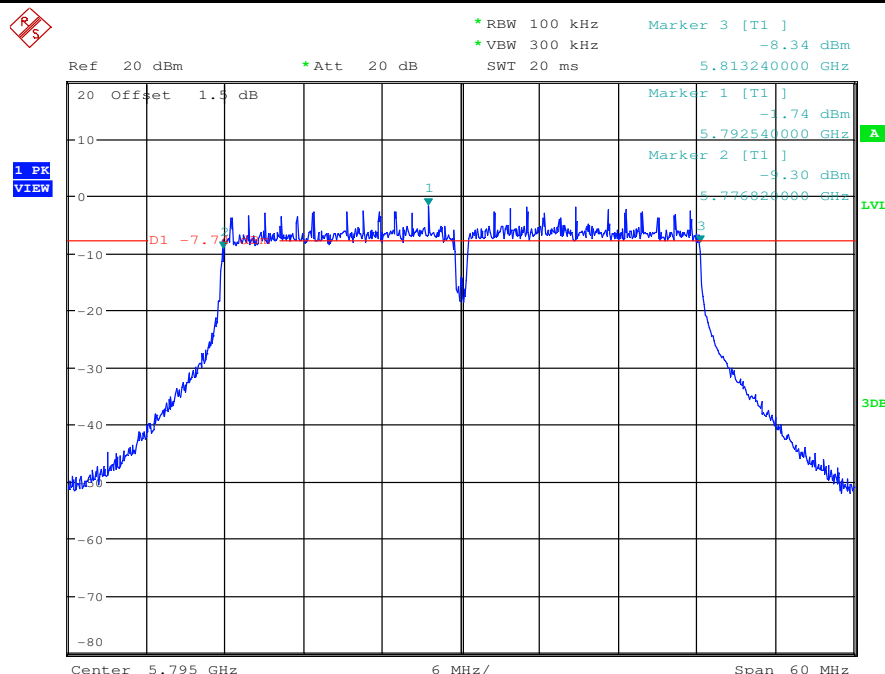
Emission Bandwidth Measurement_11AC40_5755_Ant2



Emission Bandwidth Measurement_11AC40_5795_Ant1



Emission Bandwidth Measurement_11AC40_5795_Ant2

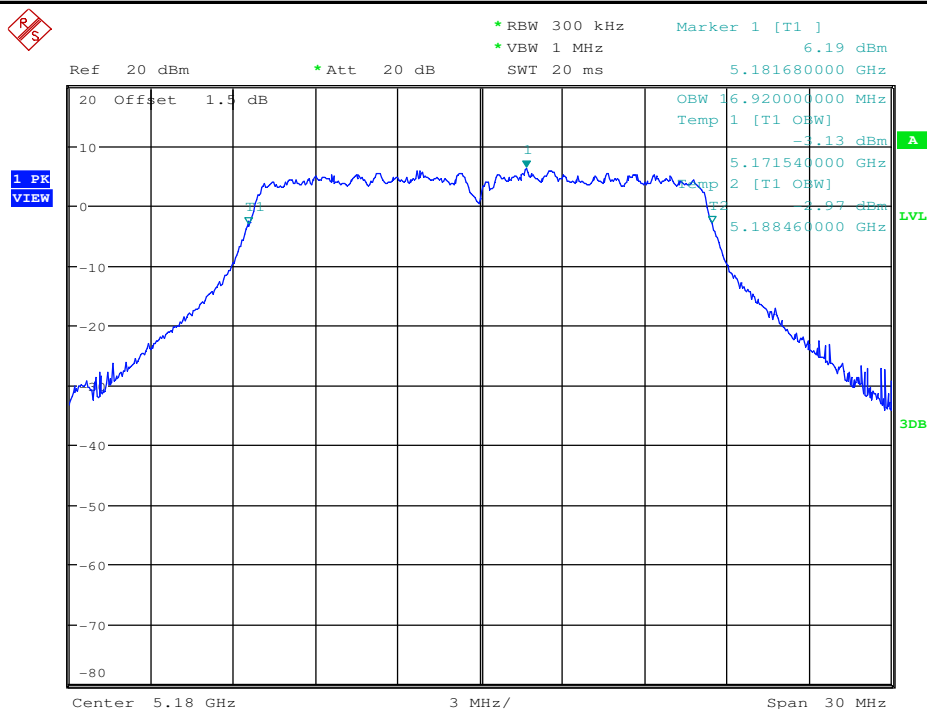


2.Occupied Bandwidth Measurement

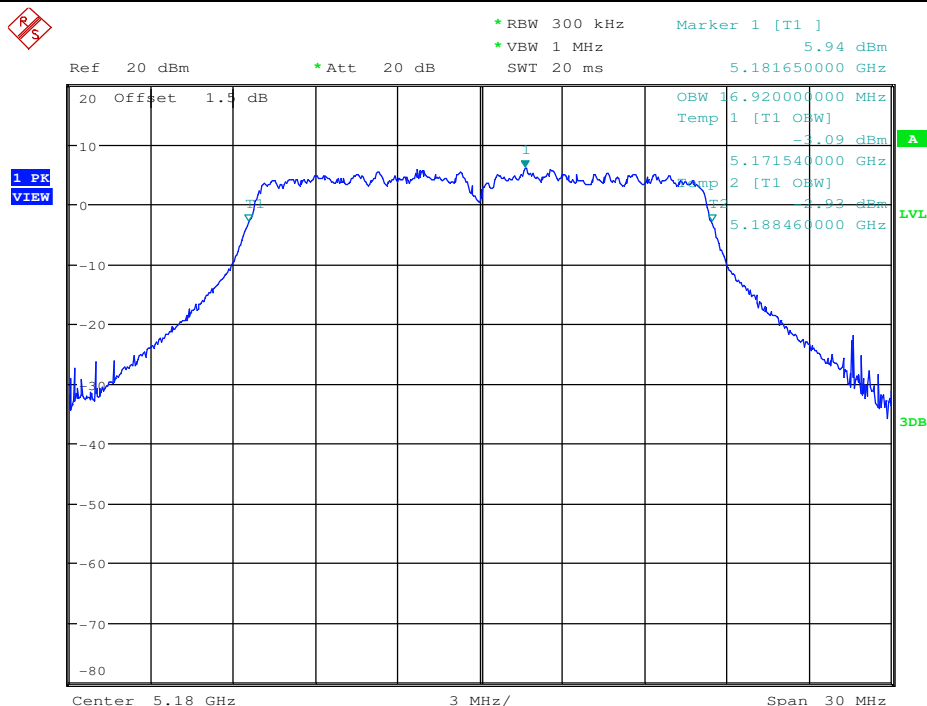
Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	16.920	---	PASS
11A	5180	Ant2	16.920	---	PASS
11A	5220	Ant1	16.920	---	PASS
11A	5220	Ant2	16.920	---	PASS
11A	5240	Ant1	16.890	---	PASS
11A	5240	Ant2	16.920	---	PASS
11A	5745	Ant1	16.920	---	PASS
11A	5745	Ant2	16.890	---	PASS
11A	5785	Ant1	16.890	---	PASS
11A	5785	Ant2	16.920	---	PASS
11A	5825	Ant1	16.920	---	PASS
11A	5825	Ant2	16.920	---	PASS
11N20	5180	Ant1	18.090	---	PASS
11N20	5180	Ant2	18.060	---	PASS
11N20	5220	Ant1	18.090	---	PASS
11N20	5220	Ant2	18.030	---	PASS
11N20	5240	Ant1	18.090	---	PASS
11N20	5240	Ant2	18.060	---	PASS
11N20	5745	Ant1	18.060	---	PASS
11N20	5745	Ant2	18.060	---	PASS
11N20	5785	Ant1	18.030	---	PASS
11N20	5785	Ant2	18.030	---	PASS
11N20	5825	Ant1	18.030	---	PASS
11N20	5825	Ant2	18.030	---	PASS
11N40	5190	Ant1	36.660	---	PASS
11N40	5190	Ant2	36.600	---	PASS
11N40	5230	Ant1	36.660	---	PASS
11N40	5230	Ant2	36.540	---	PASS
11N40	5755	Ant1	36.600	---	PASS

11N40	5755	Ant2	36.600	---	PASS
11N40	5795	Ant1	36.660	---	PASS
11N40	5795	Ant2	36.600	---	PASS
11AC20	5180	Ant1	18.090	---	PASS
11AC20	5180	Ant2	18.060	---	PASS
11AC20	5220	Ant1	18.060	---	PASS
11AC20	5220	Ant2	18.060	---	PASS
11AC20	5240	Ant1	18.090	---	PASS
11AC20	5240	Ant2	18.060	---	PASS
11AC20	5745	Ant1	18.060	---	PASS
11AC20	5745	Ant2	18.030	---	PASS
11AC20	5785	Ant1	18.030	---	PASS
11AC20	5785	Ant2	18.030	---	PASS
11AC20	5825	Ant1	18.060	---	PASS
11AC20	5825	Ant2	18.030	---	PASS
11AC80	5210	Ant1	76.560	---	PASS
11AC80	5210	Ant2	76.560	---	PASS
11AC80	5775	Ant1	76.800	---	PASS
11AC80	5775	Ant2	76.800	---	PASS
11AC40	5190	Ant1	36.660	---	PASS
11AC40	5190	Ant2	36.660	---	PASS
11AC40	5230	Ant1	36.660	---	PASS
11AC40	5230	Ant2	36.600	---	PASS
11AC40	5755	Ant1	36.600	---	PASS
11AC40	5755	Ant2	36.660	---	PASS
11AC40	5795	Ant1	36.660	---	PASS
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Occupied Bandwidth Measurement_11A_5180_Ant1



Occupied Bandwidth Measurement_11A_5180_Ant2



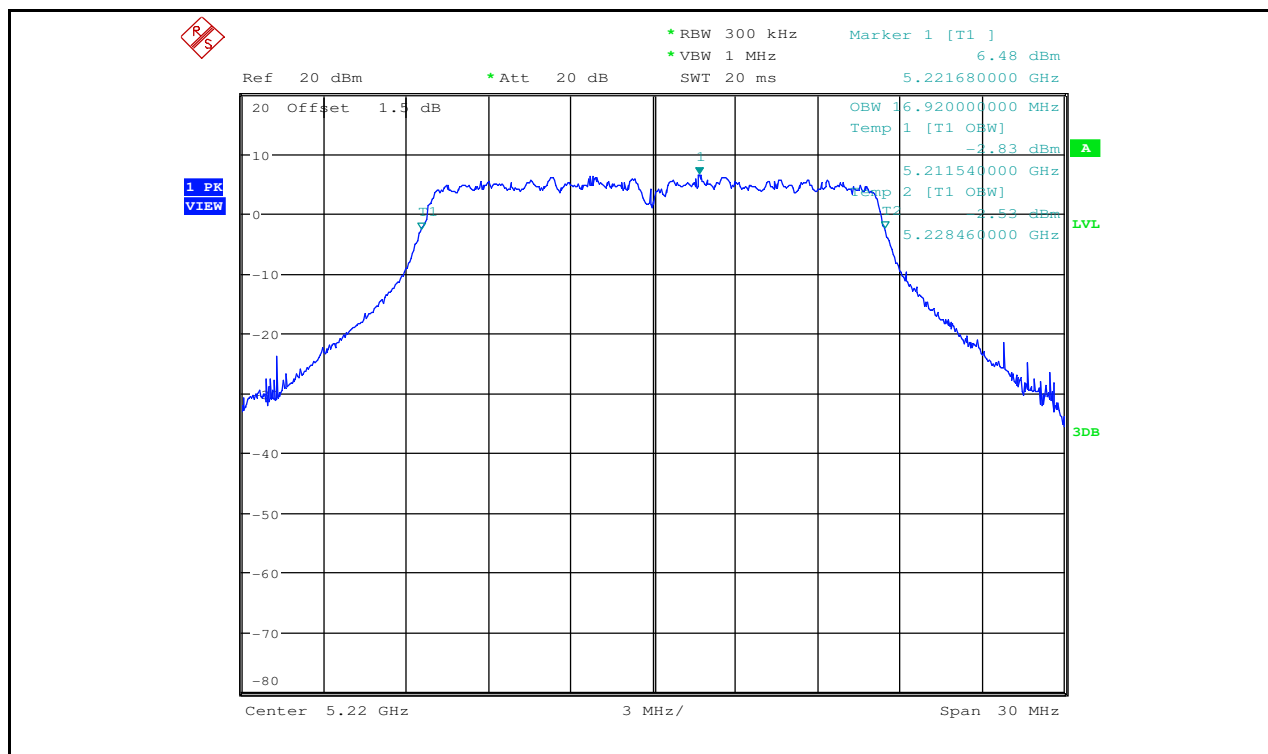
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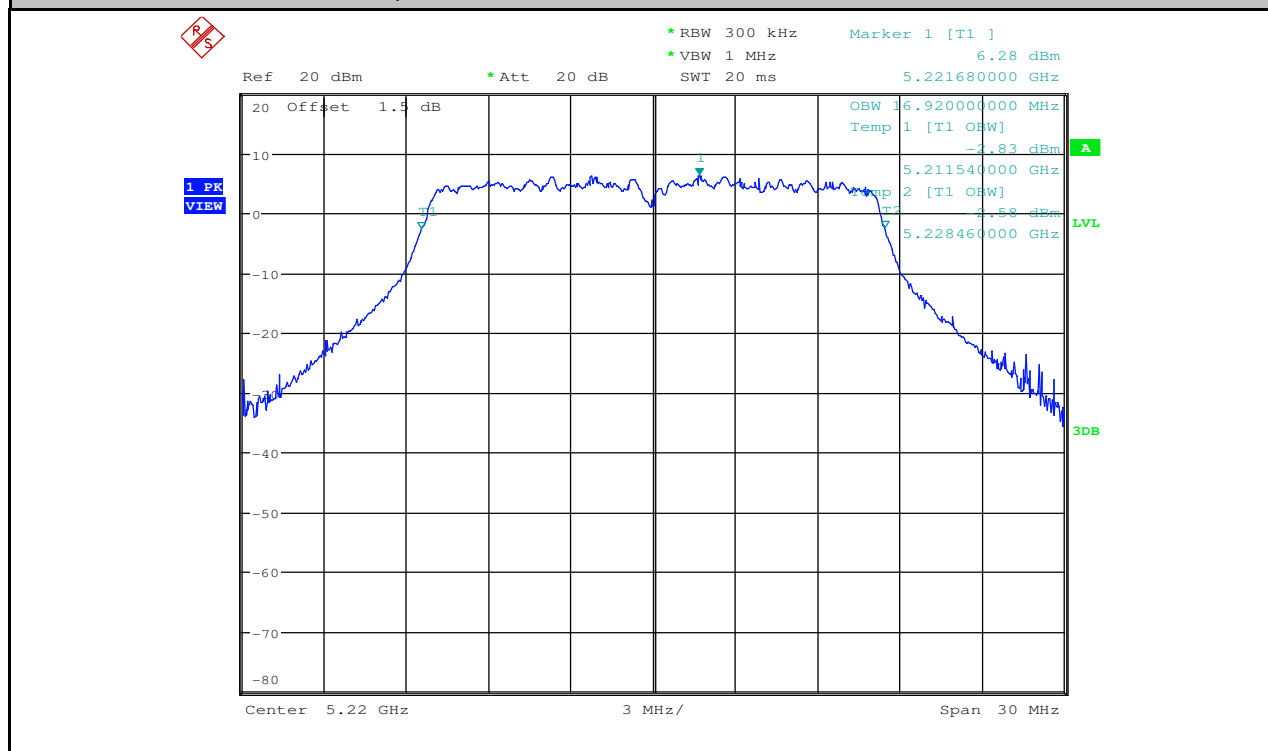
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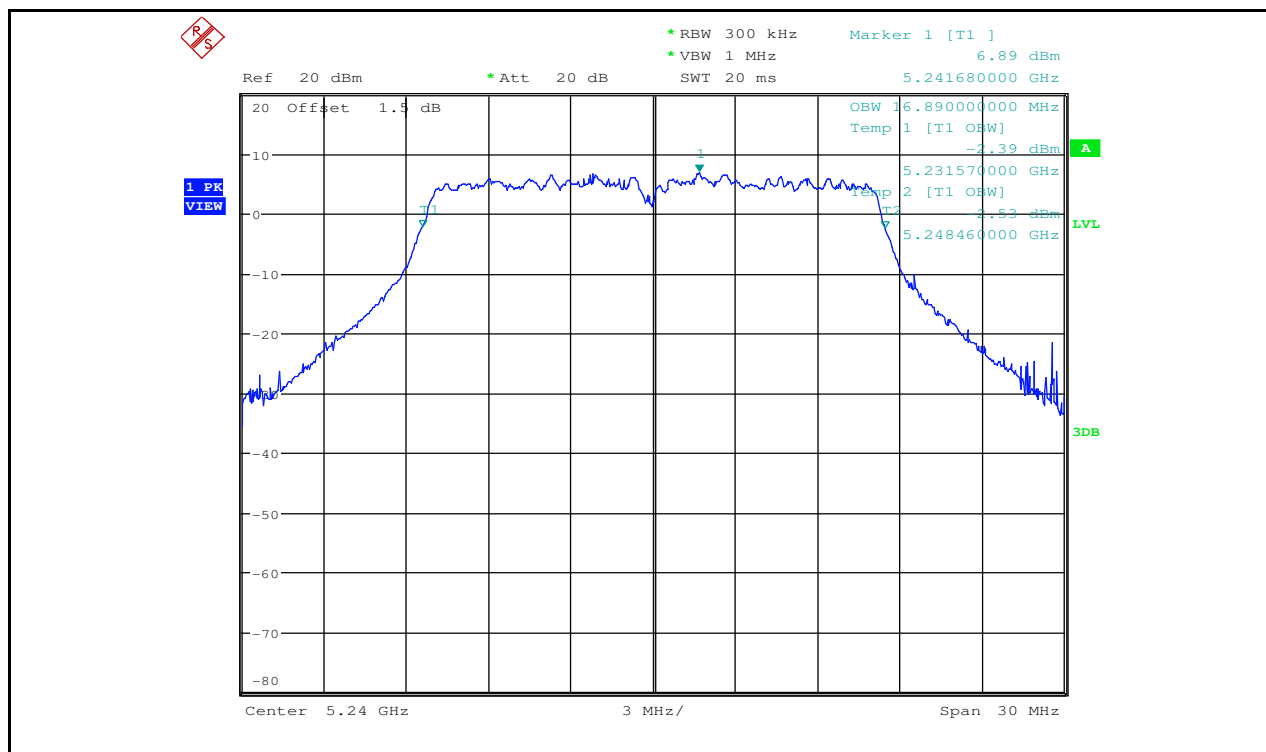
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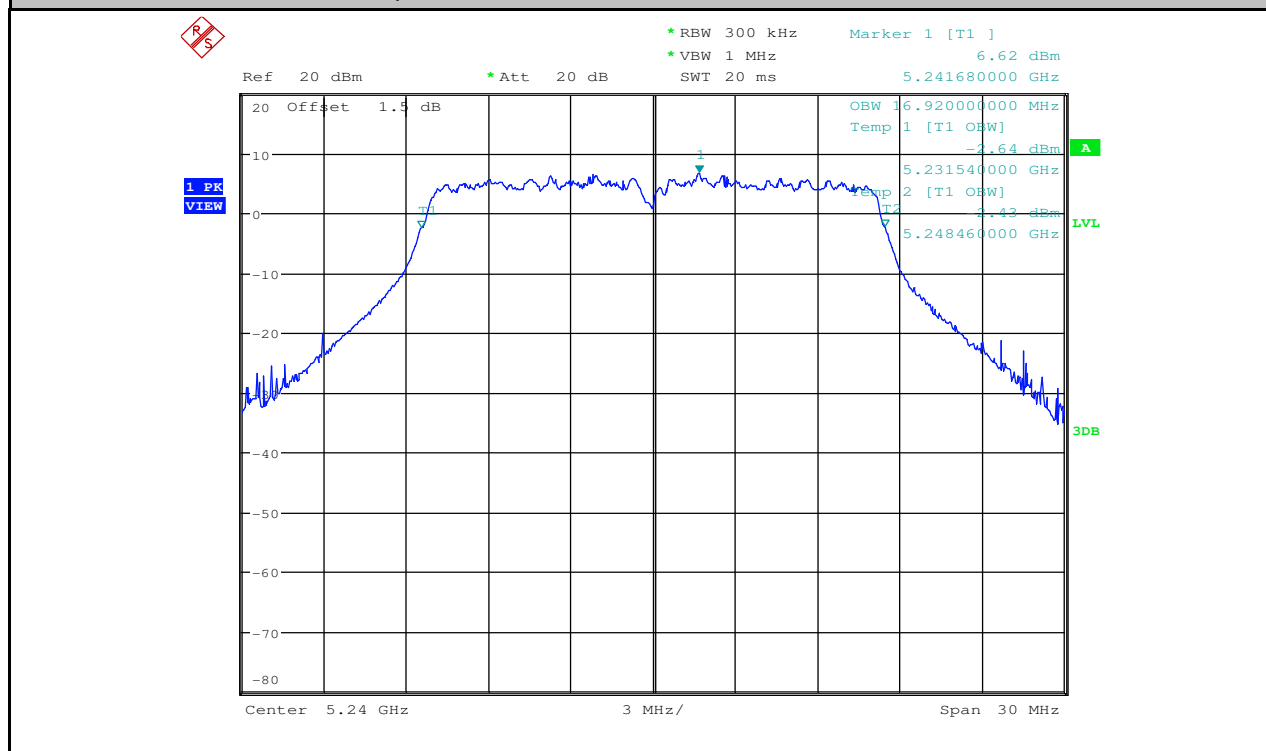
Occupied Bandwidth Measurement_11A_5220_Ant2



Occupied Bandwidth Measurement_11A_5240_Ant1



Occupied Bandwidth Measurement_11A_5240_Ant2



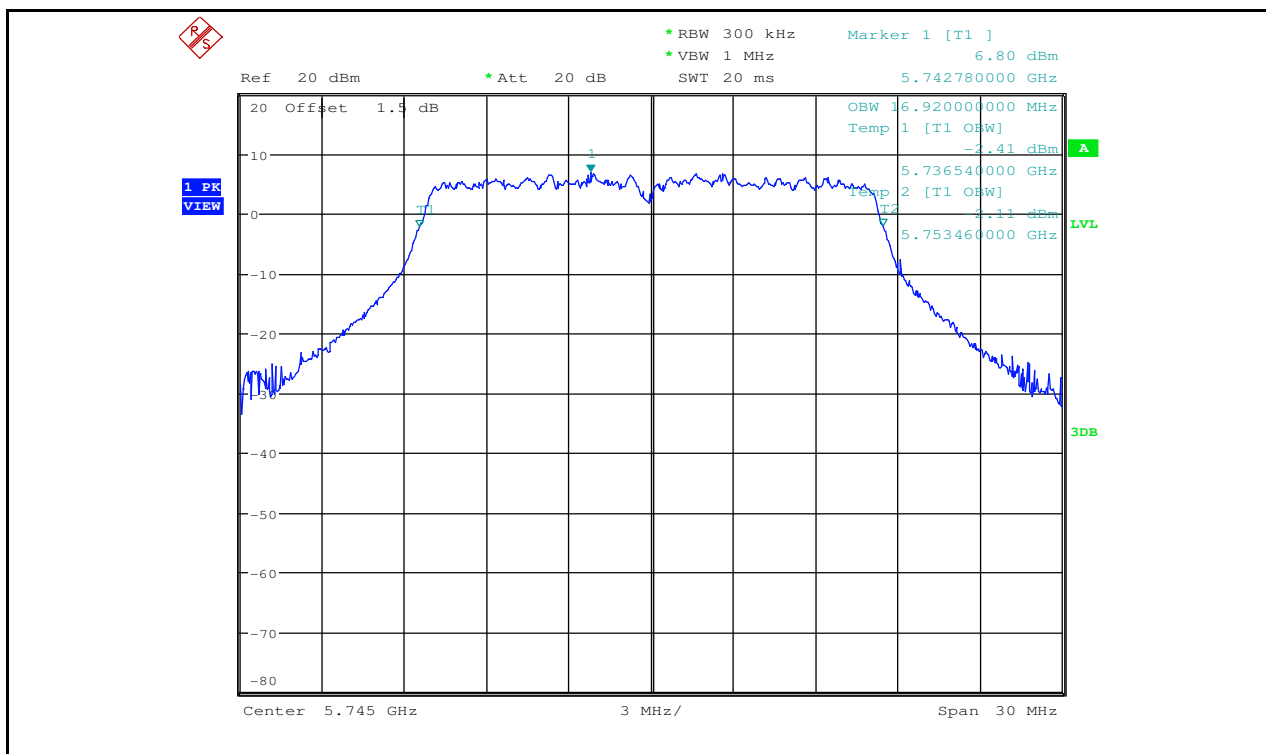
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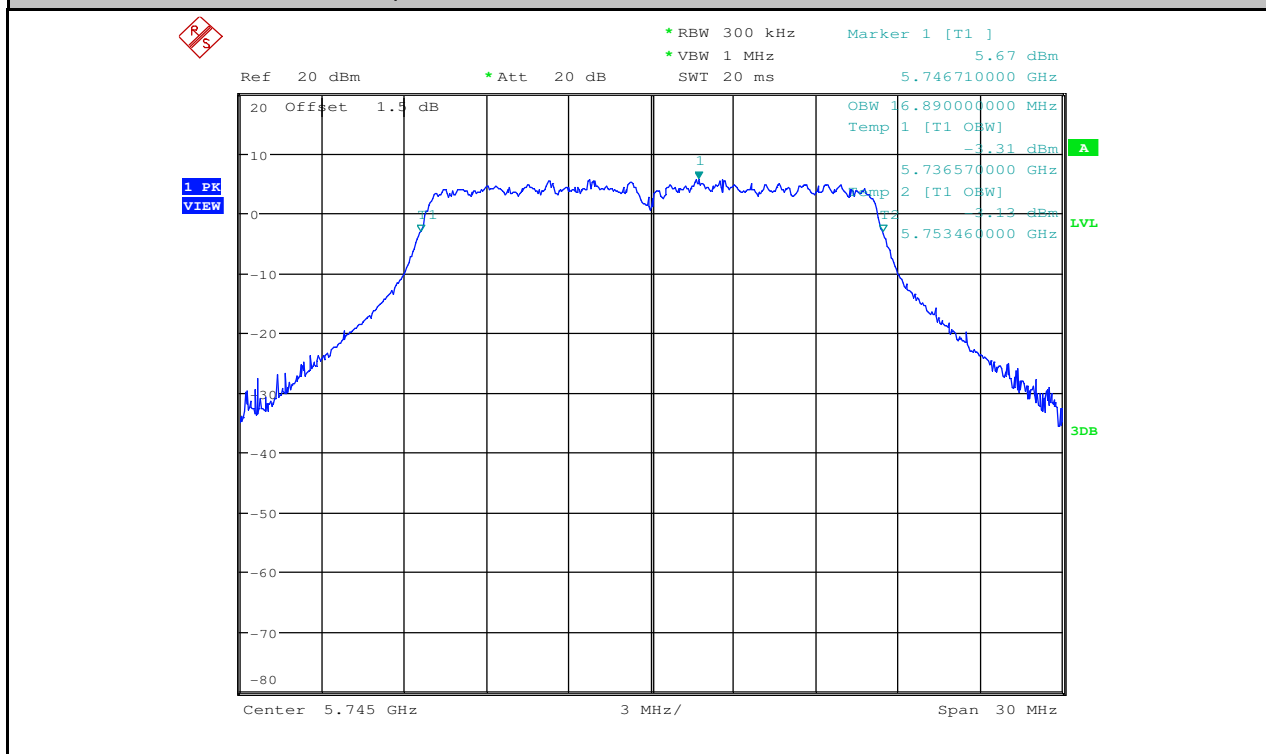
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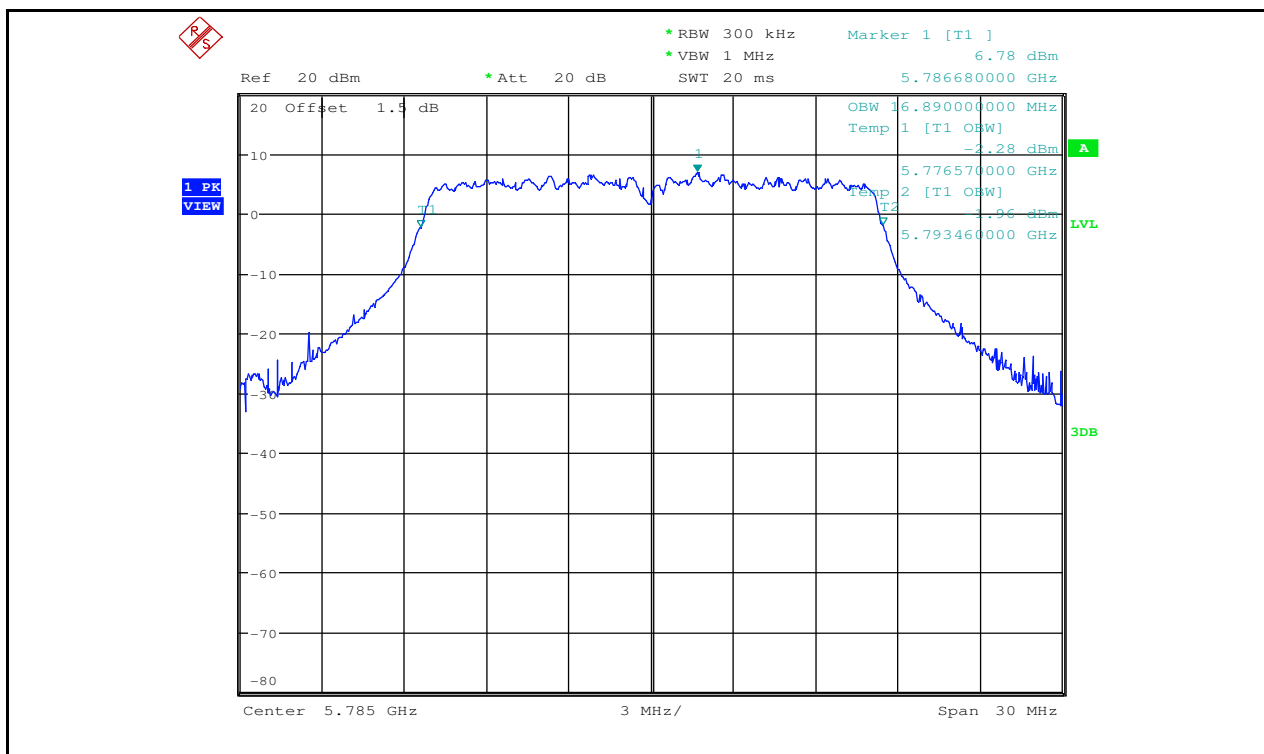
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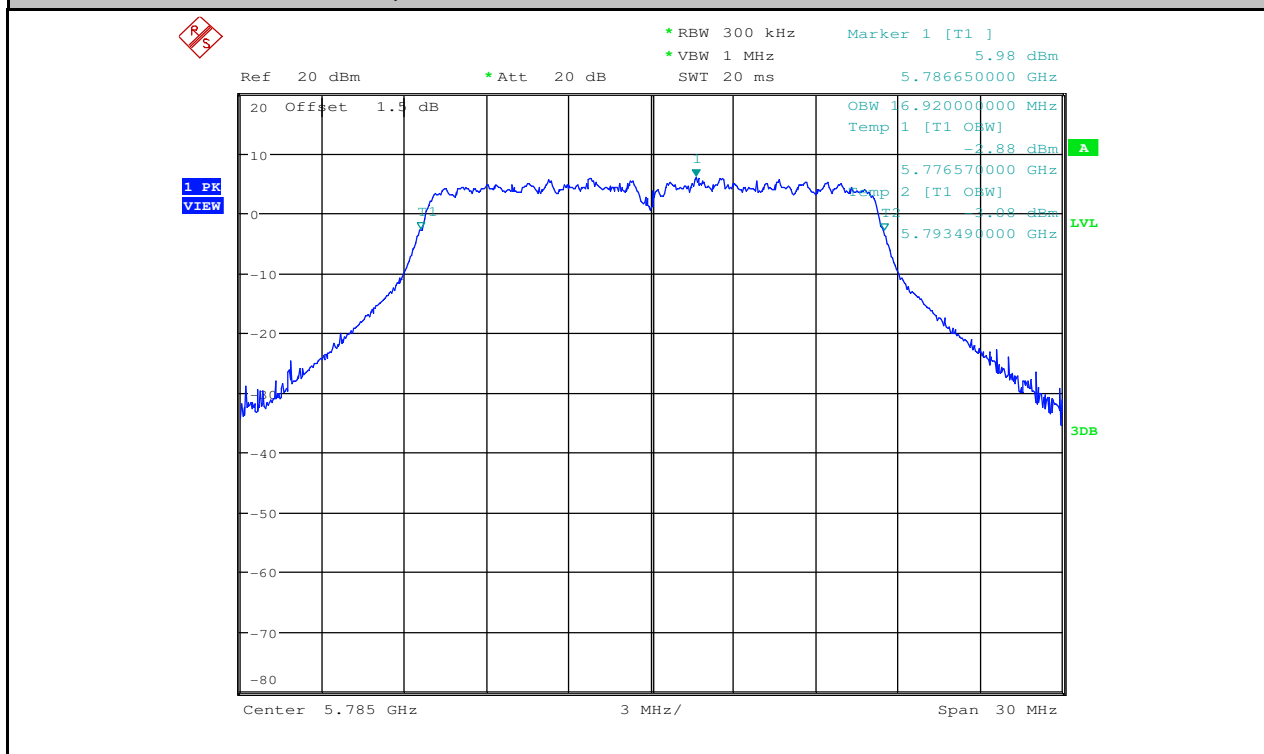
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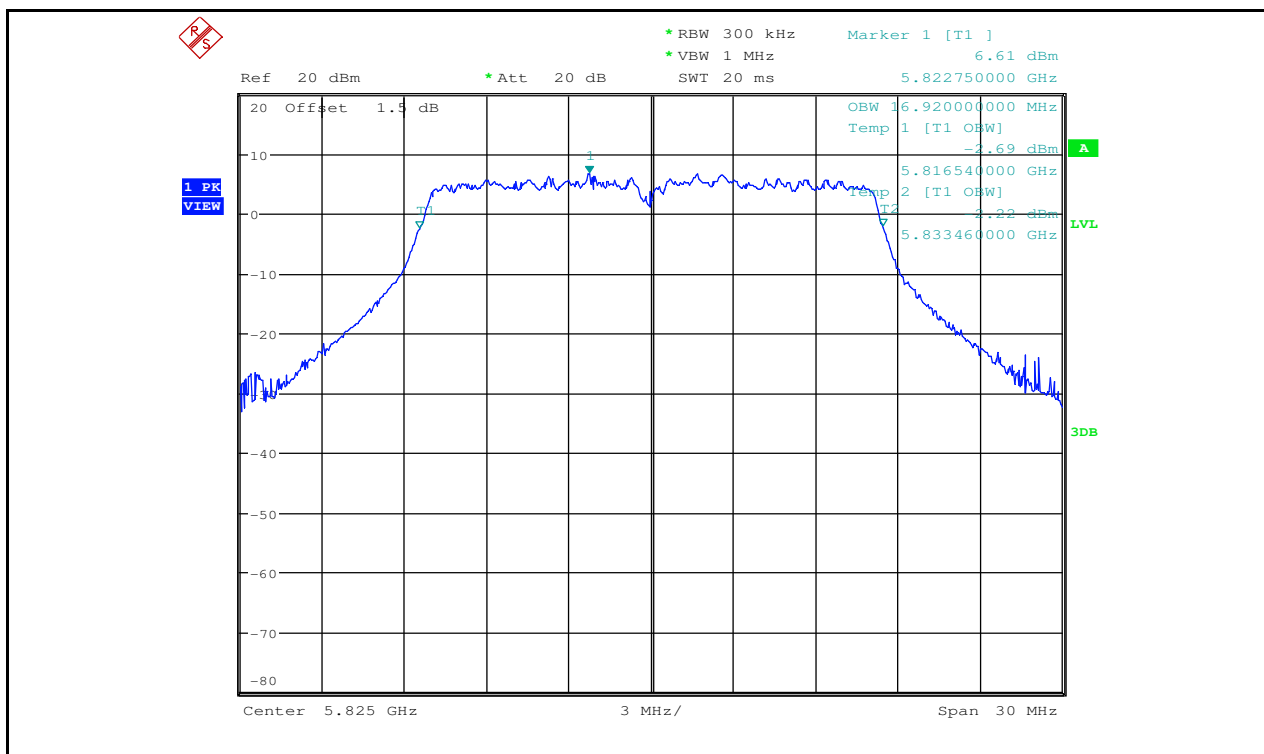
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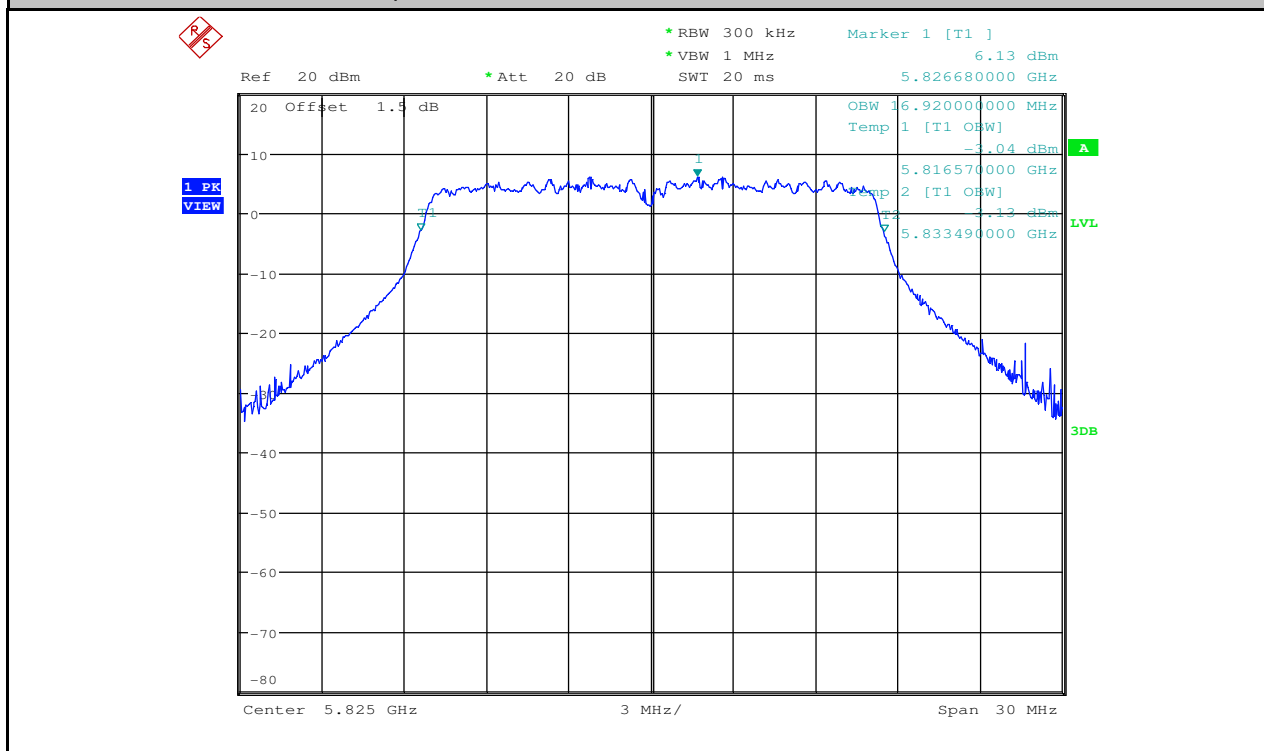
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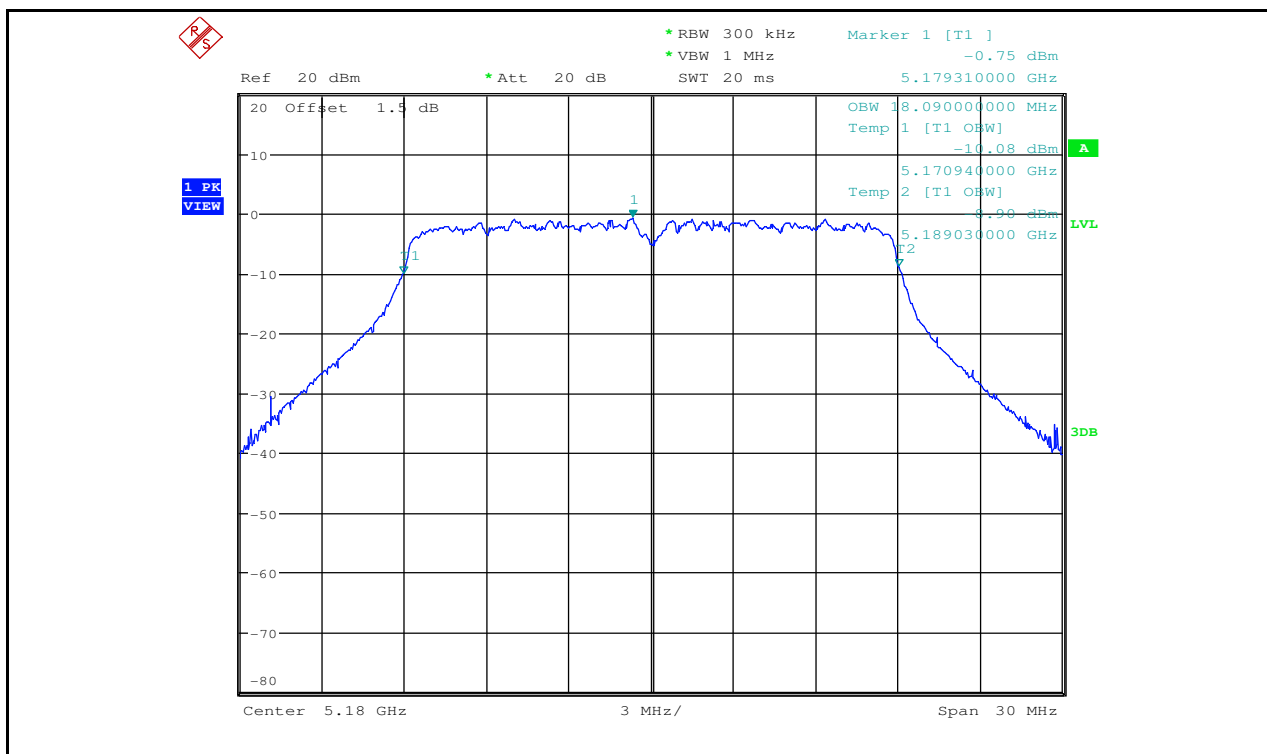
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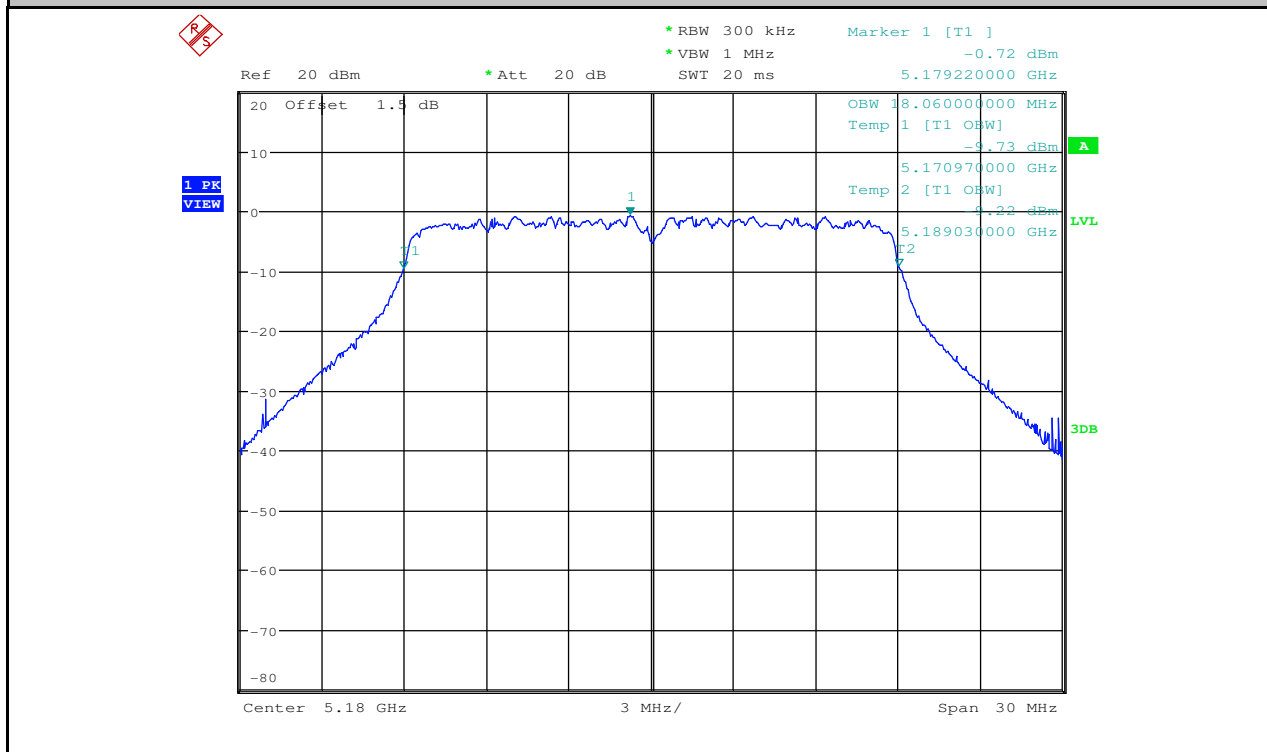
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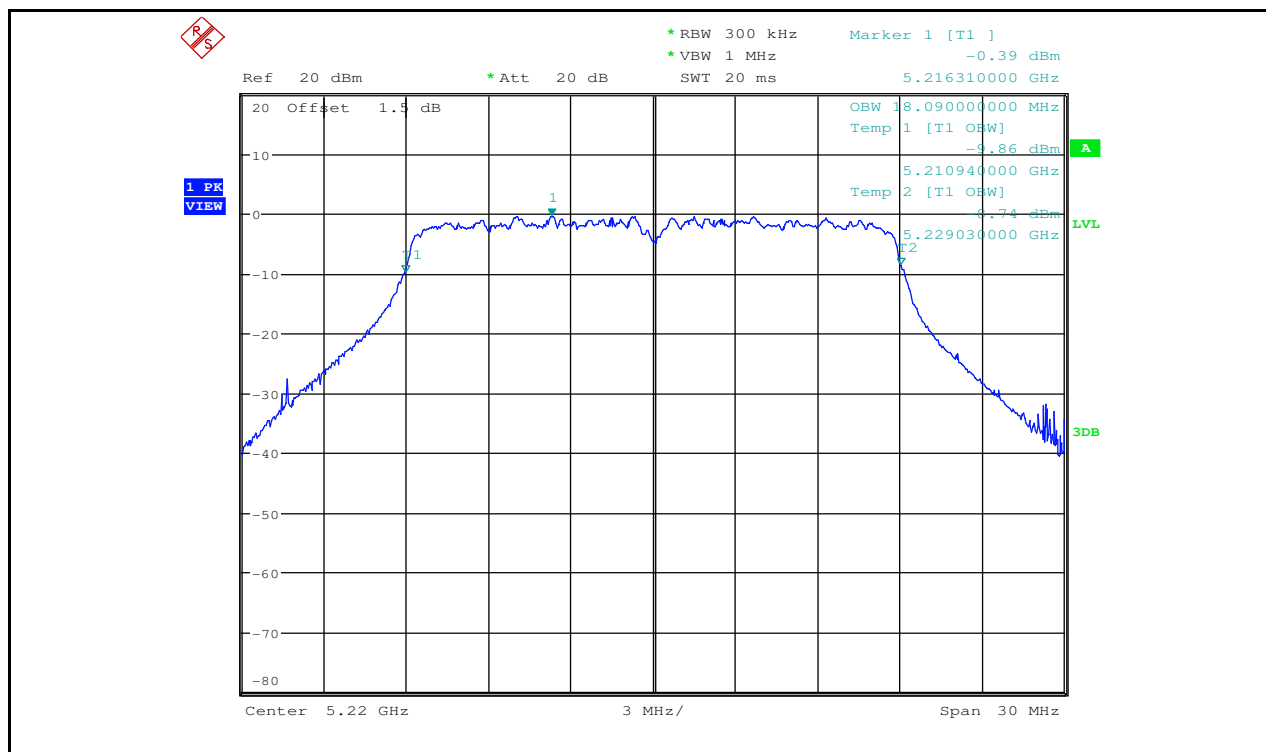
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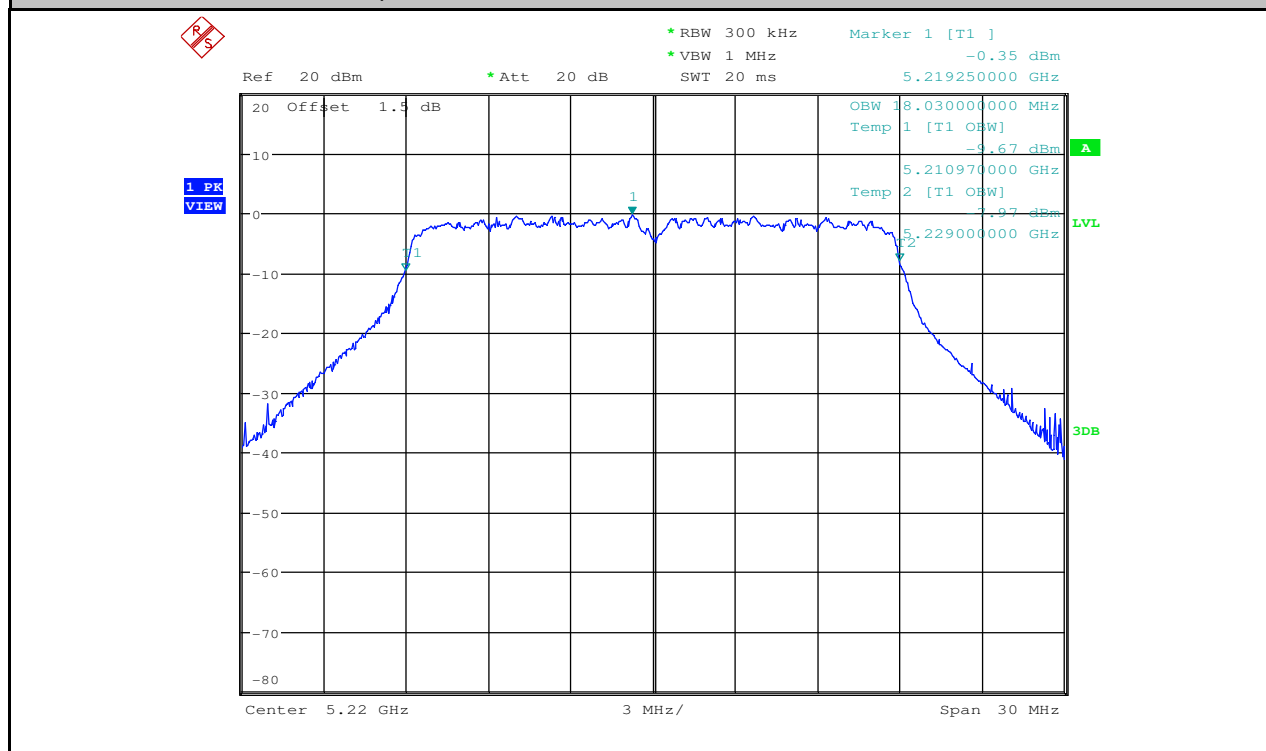
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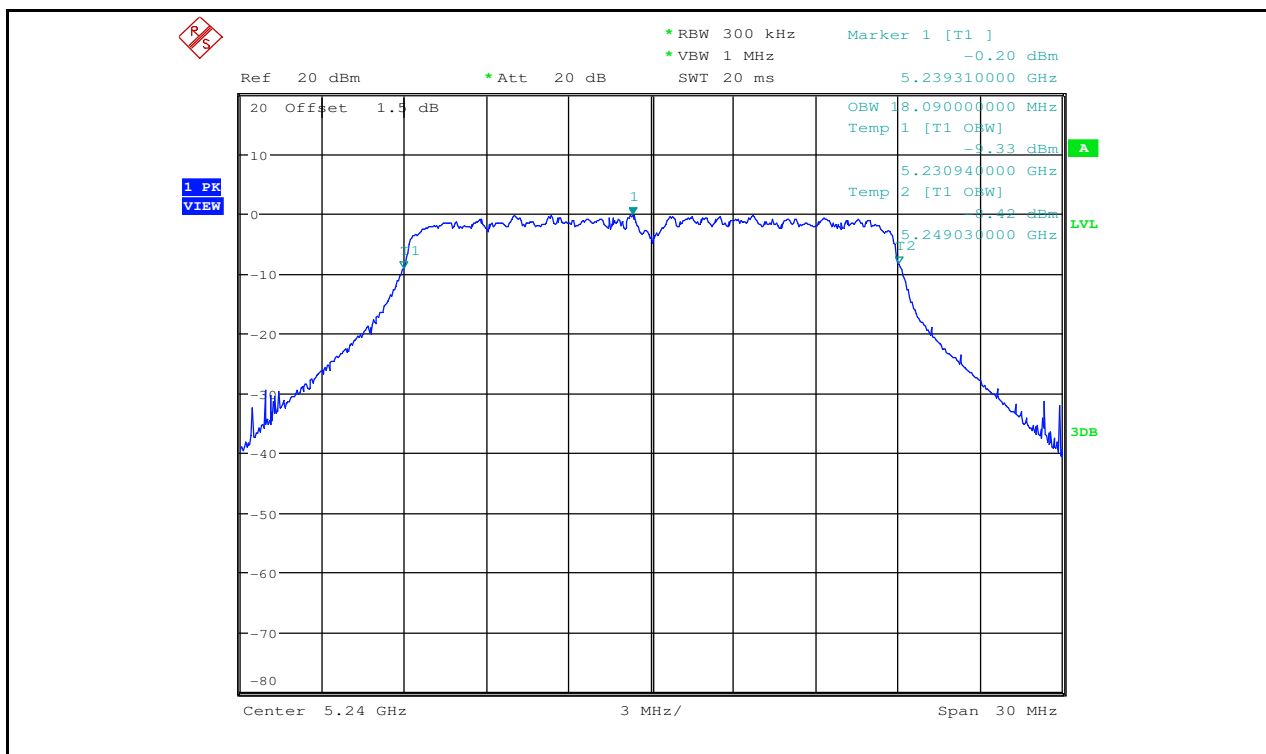
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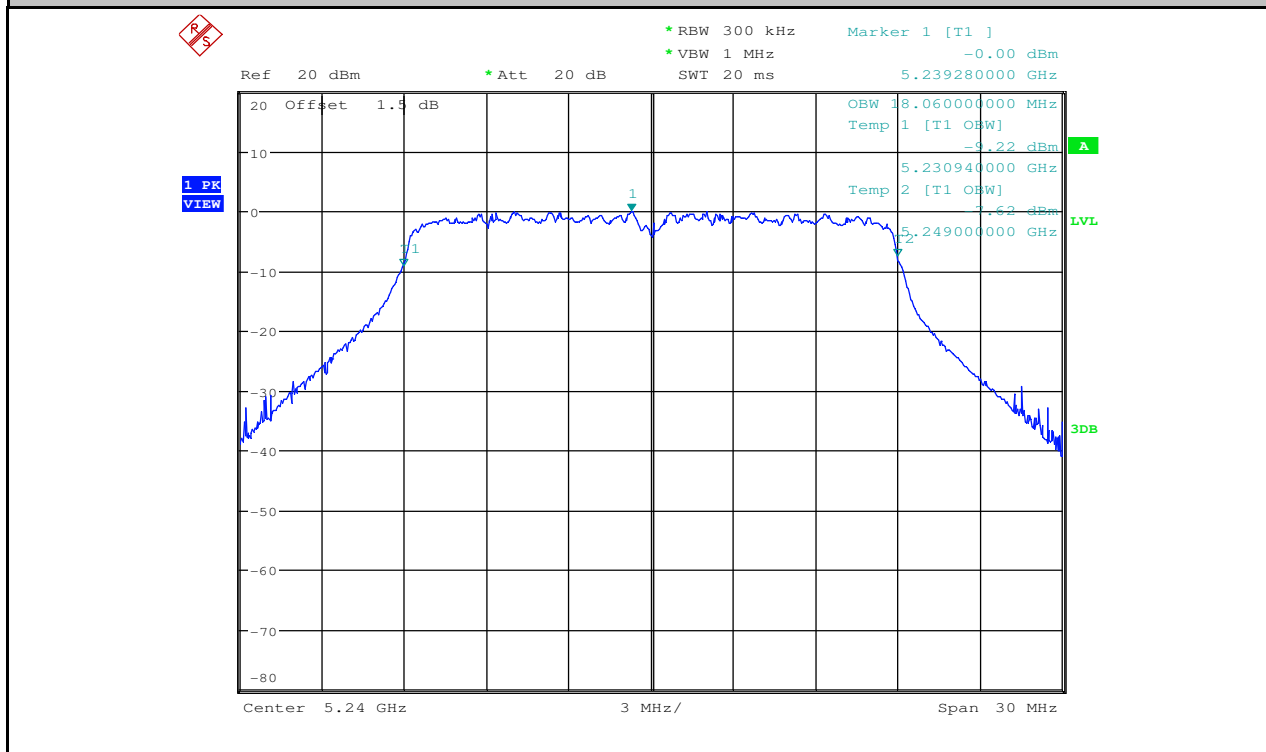
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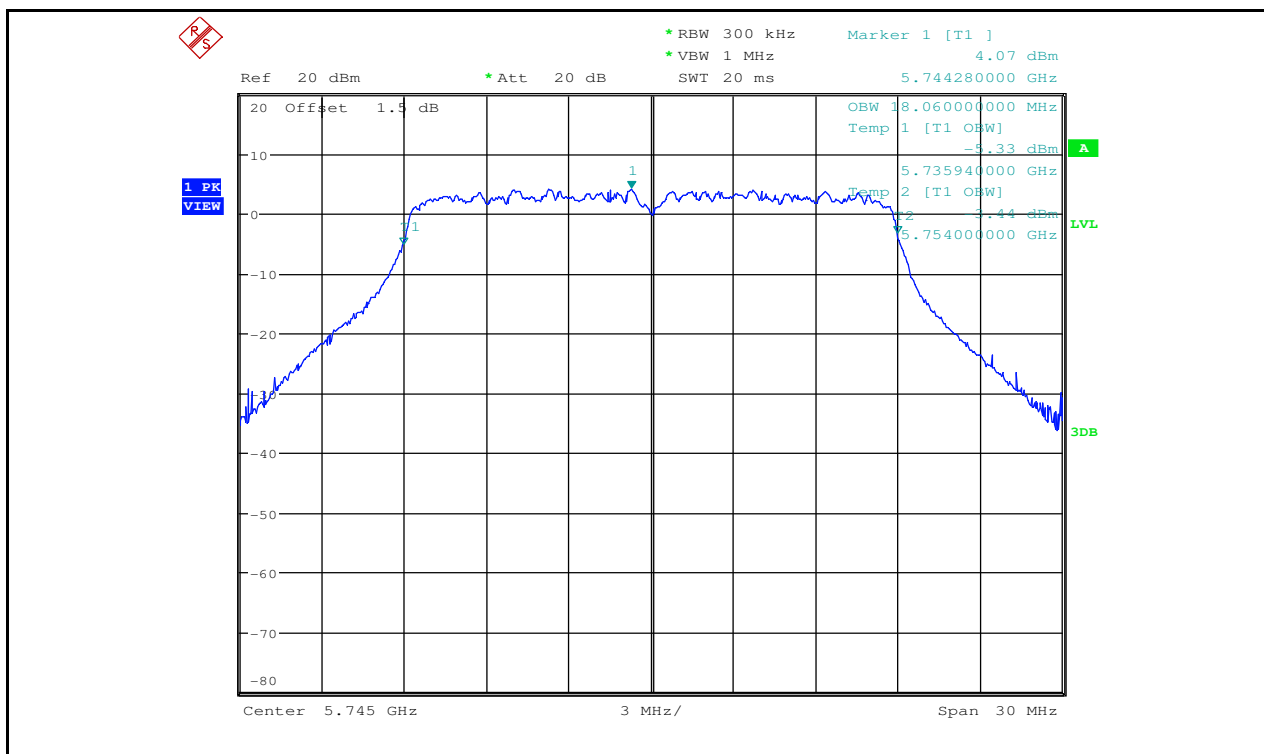
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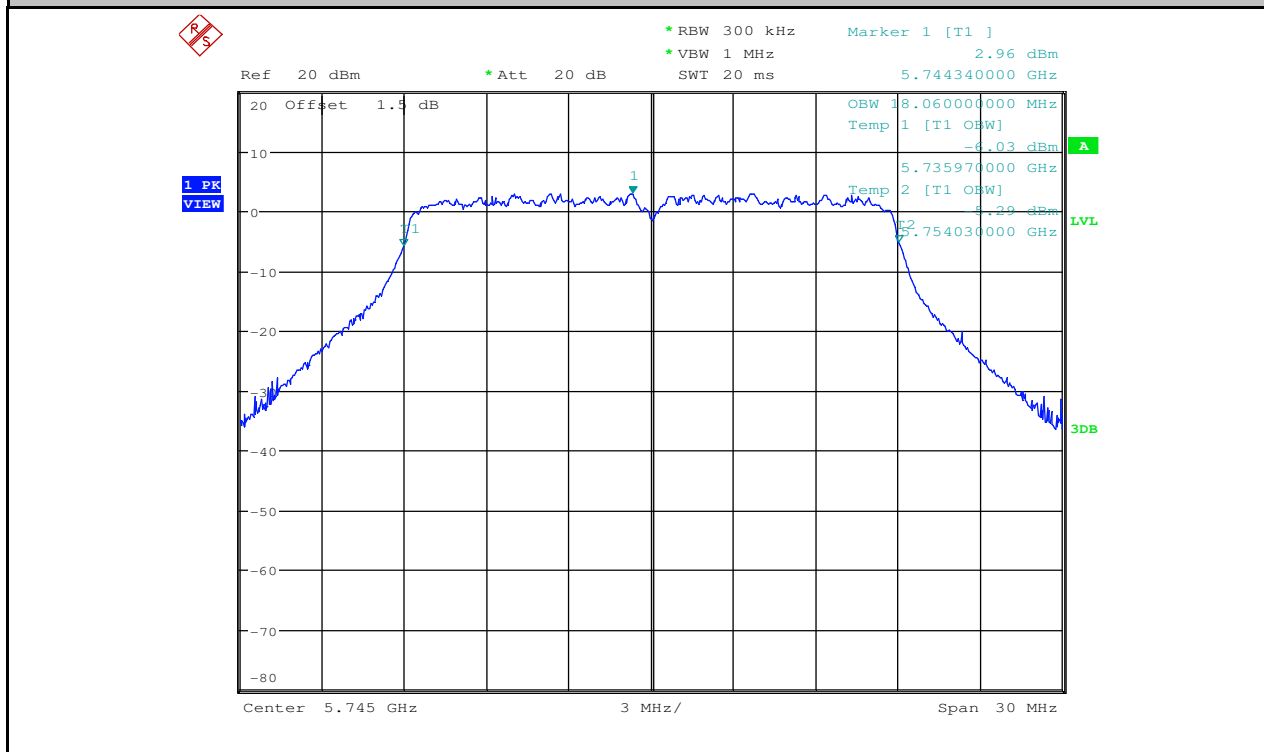
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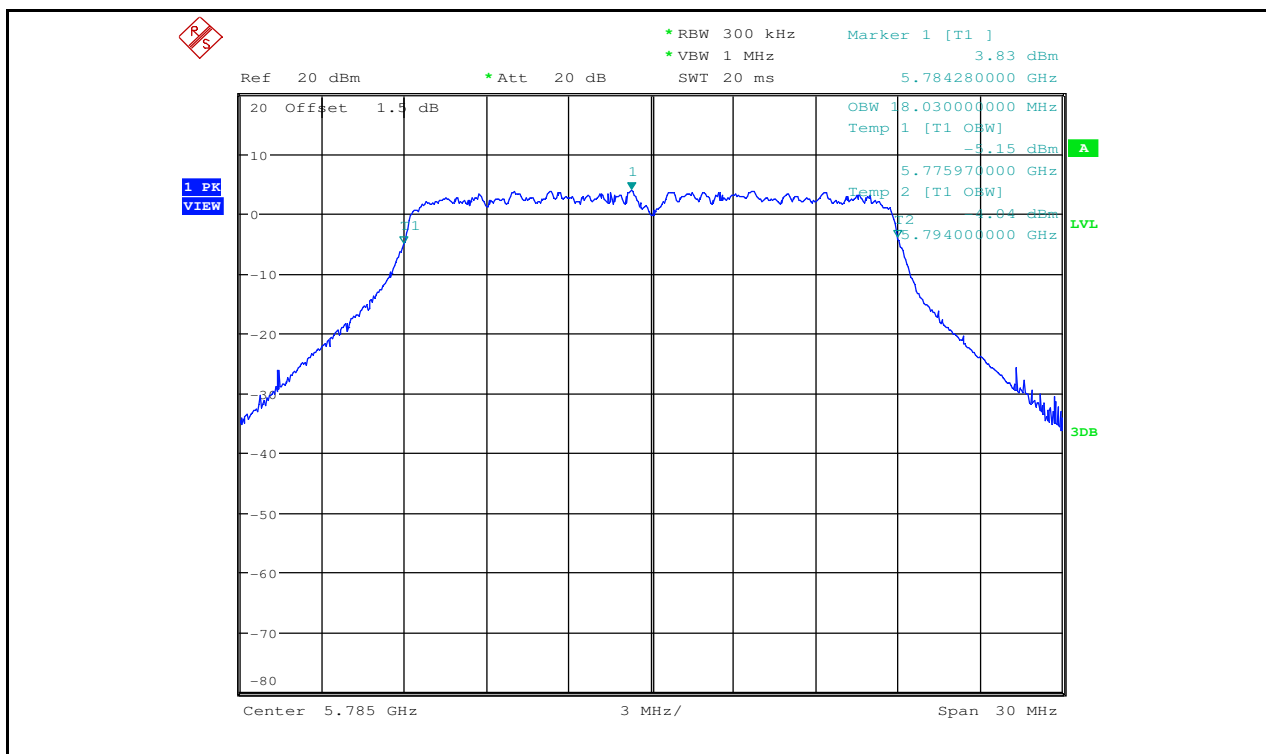
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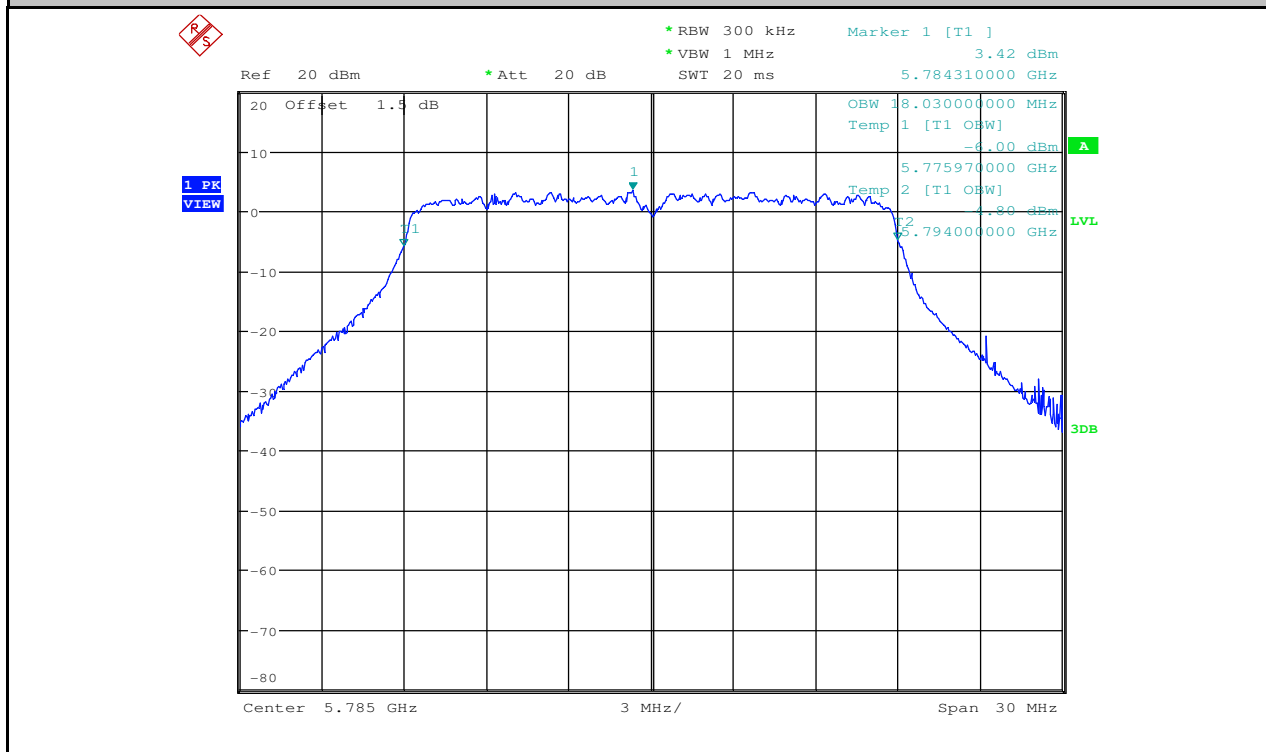
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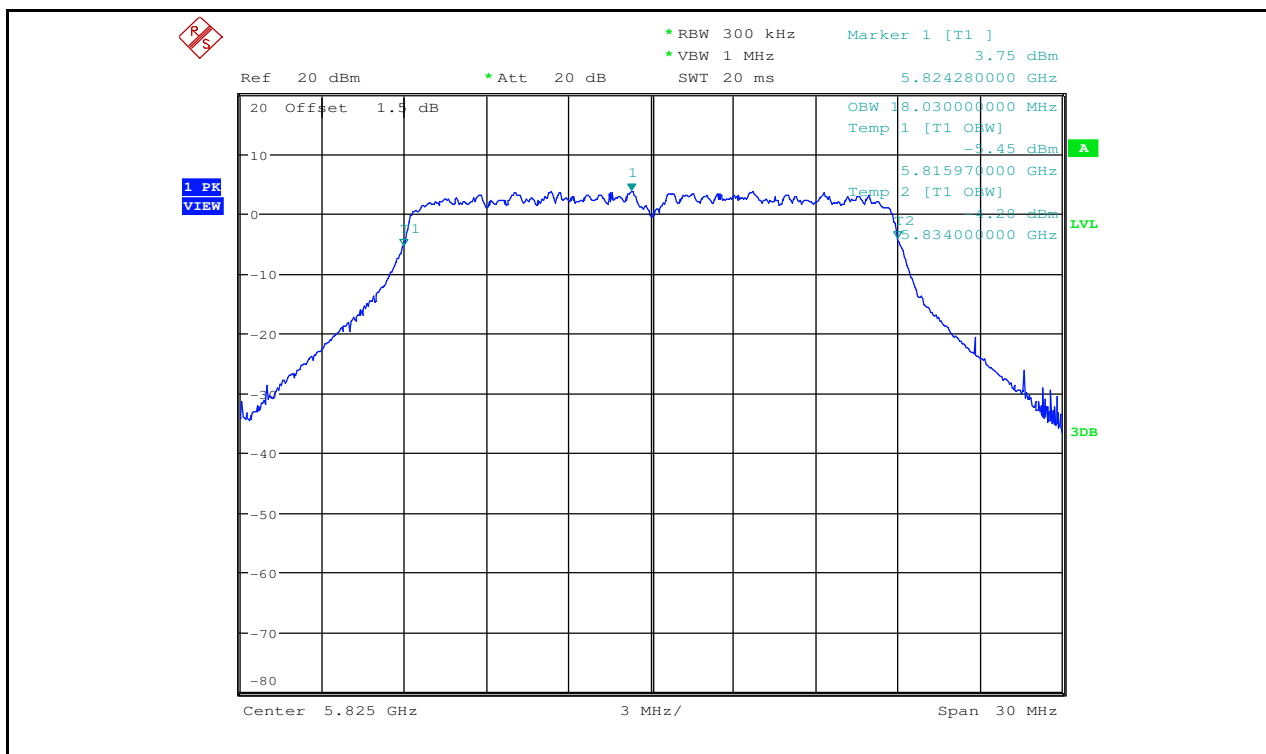
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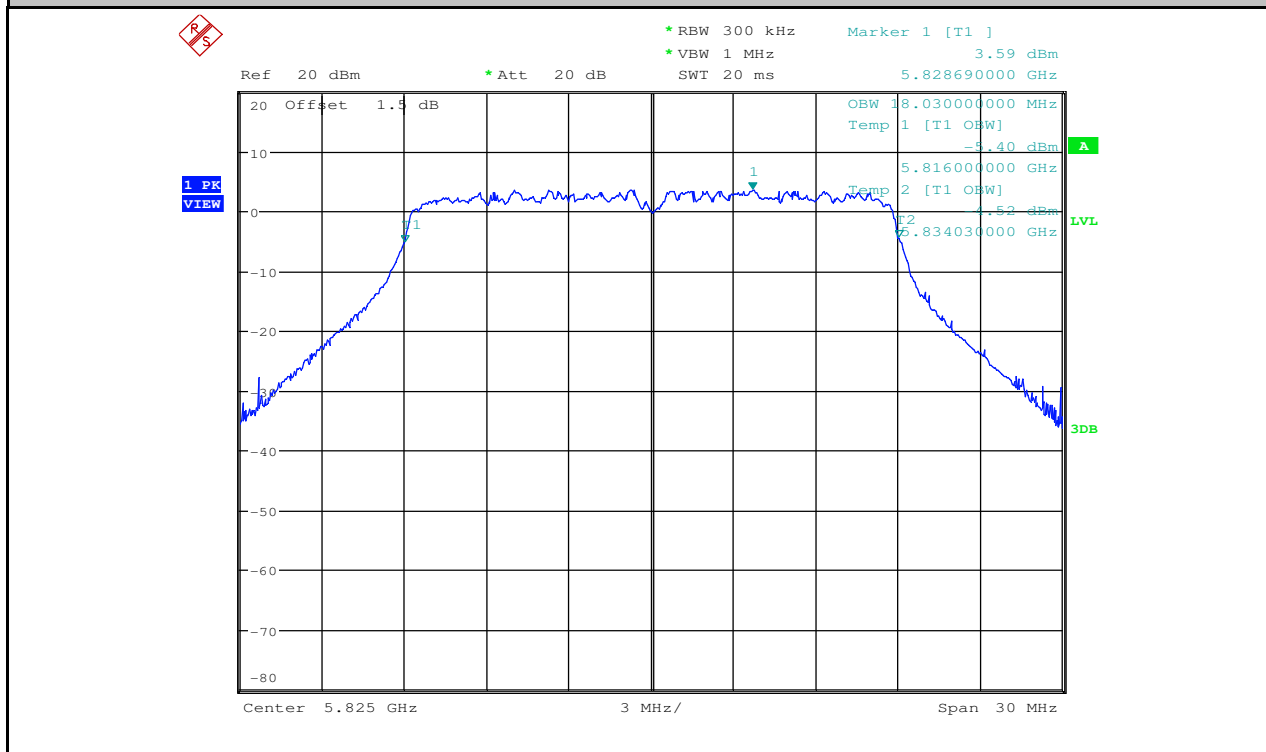
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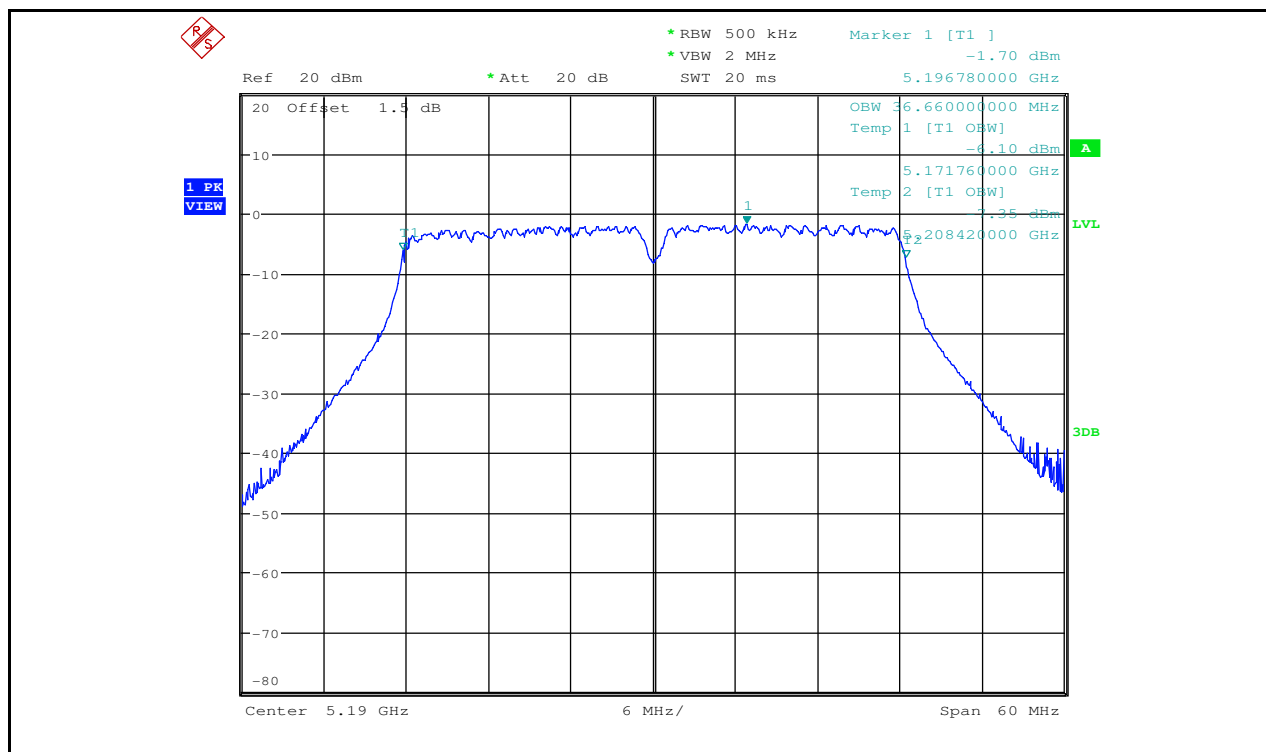
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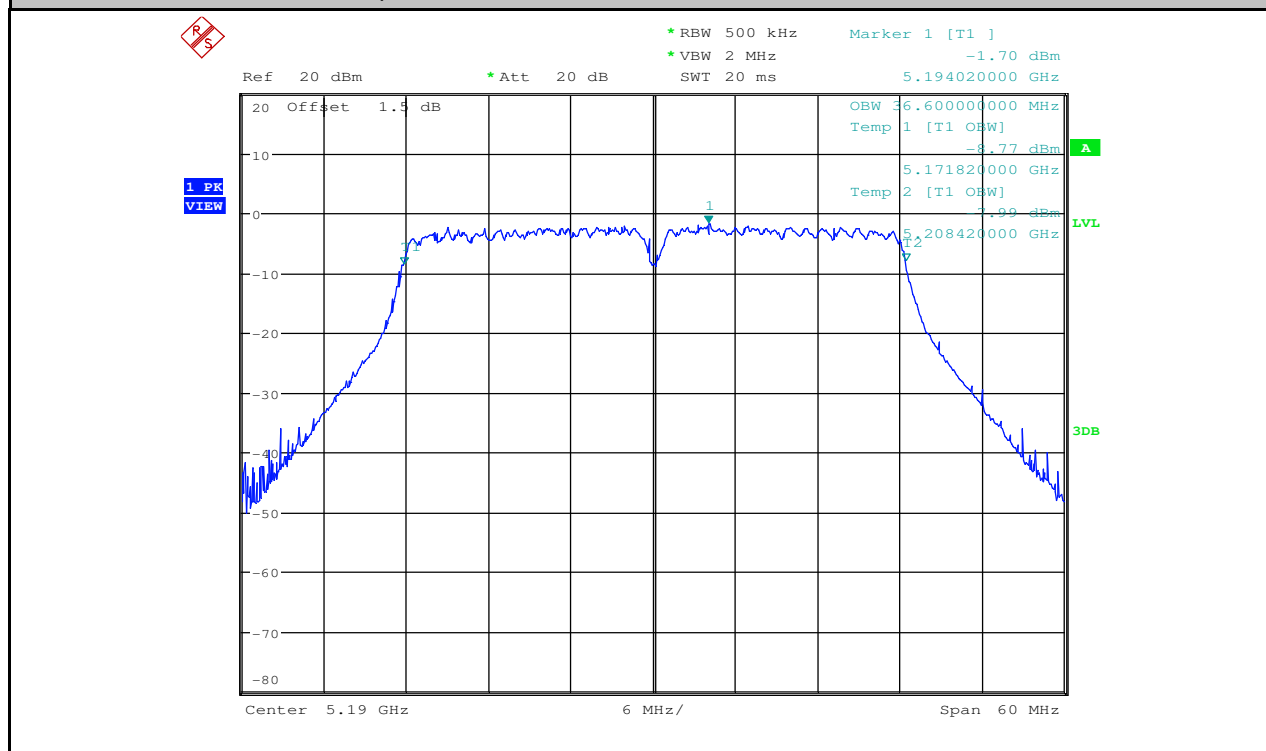
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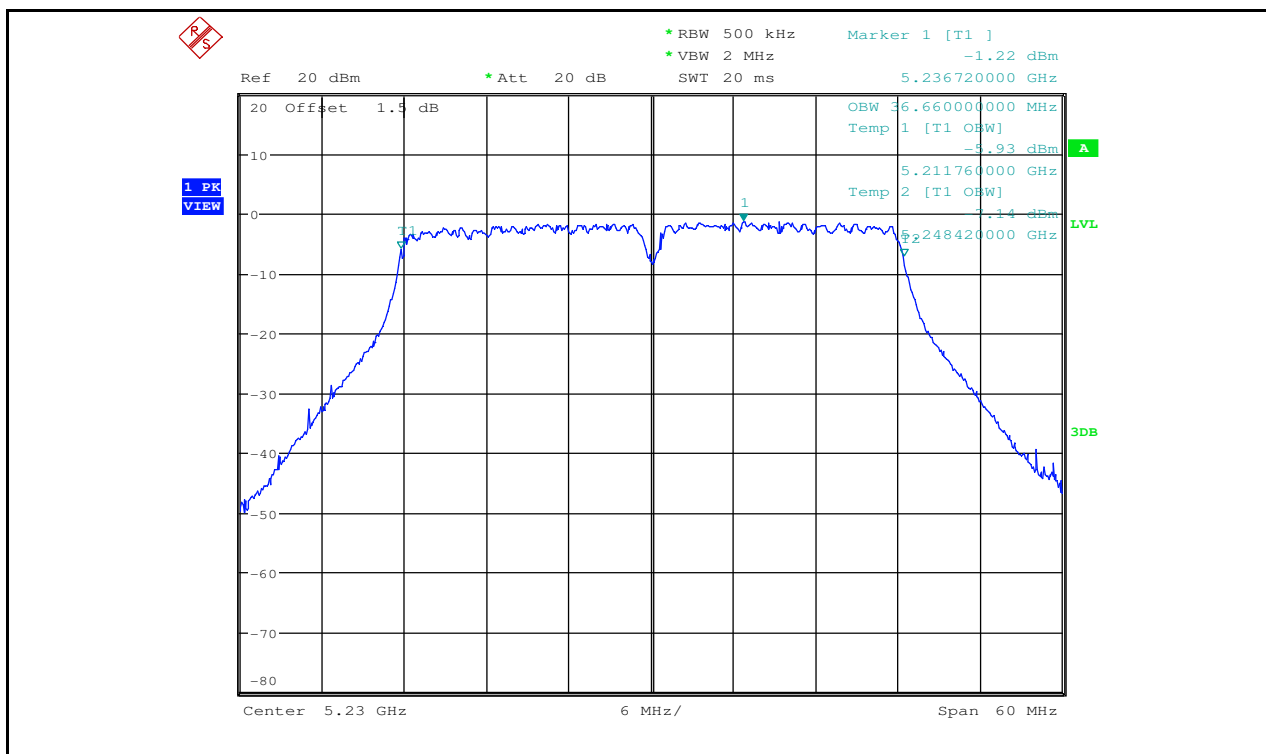
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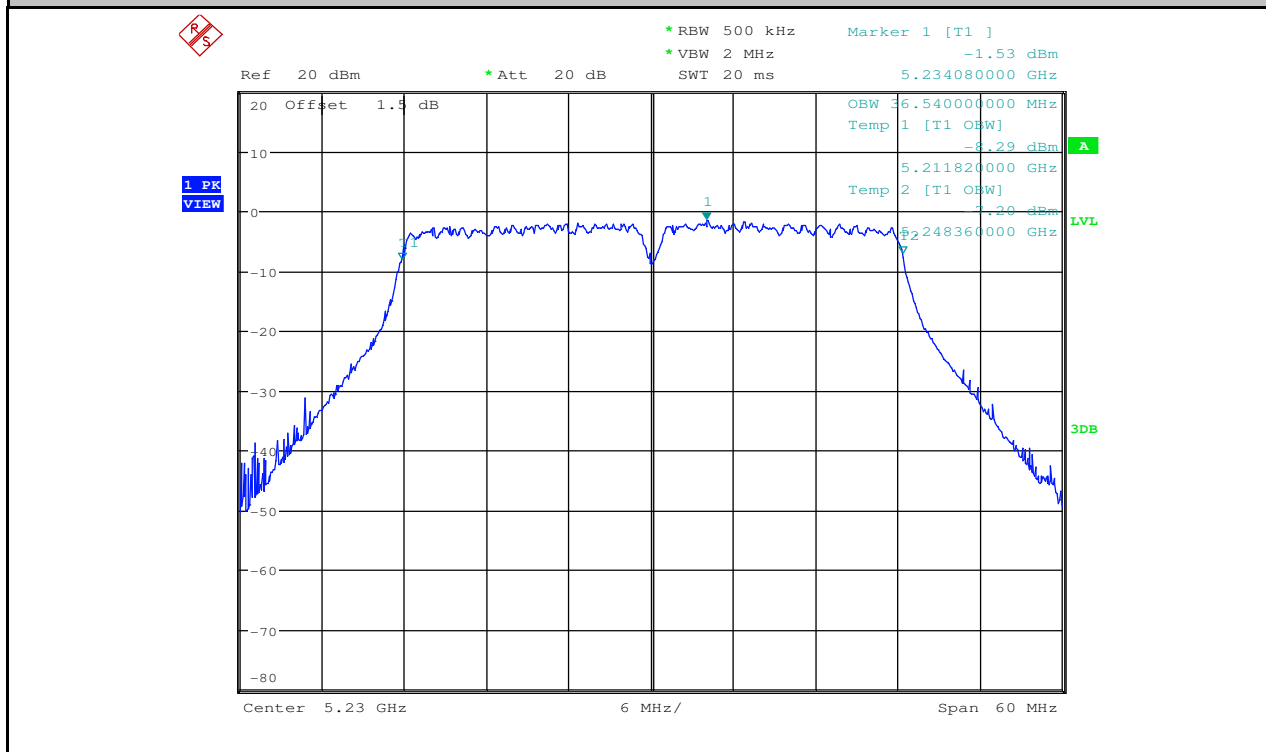
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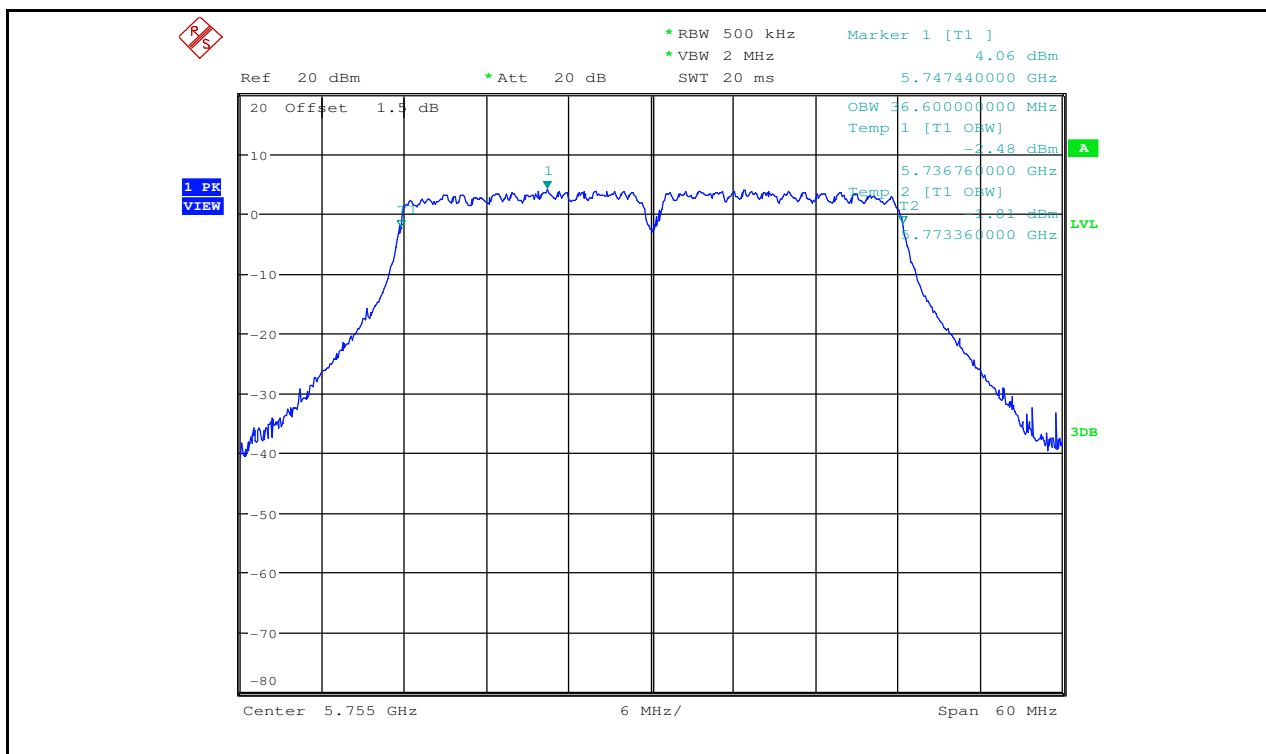
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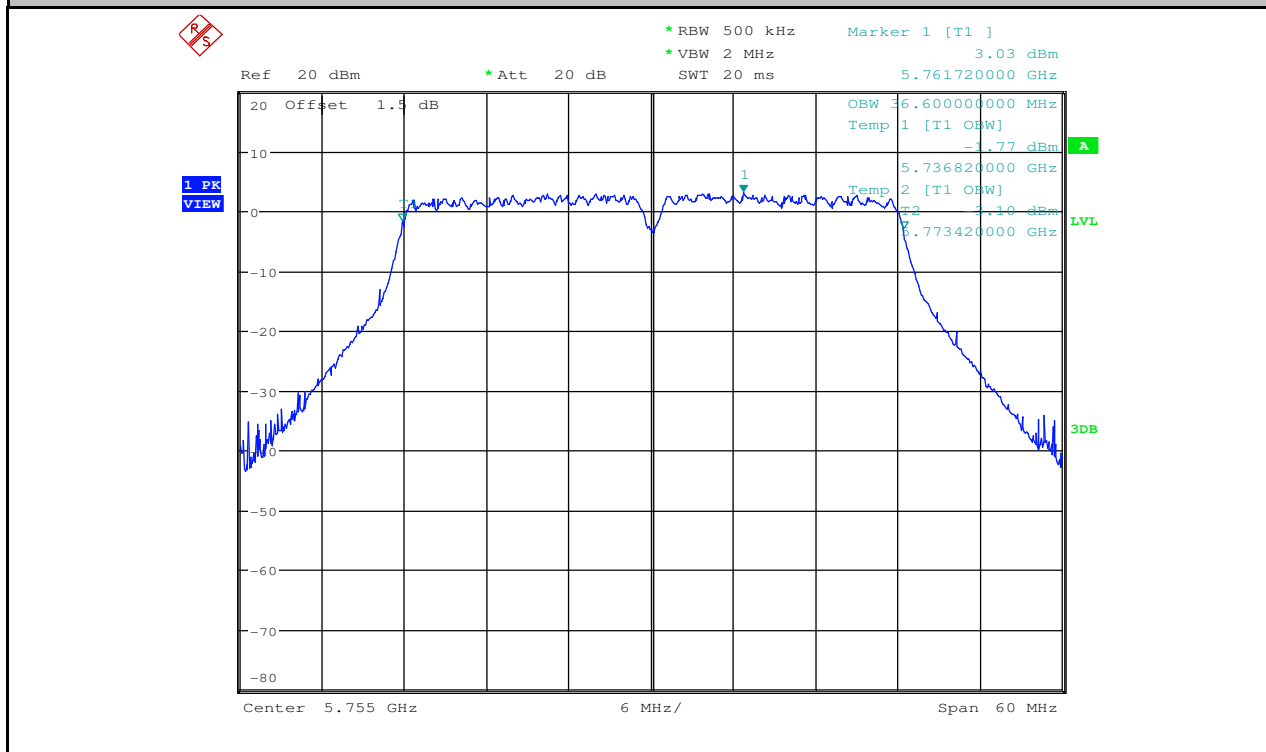
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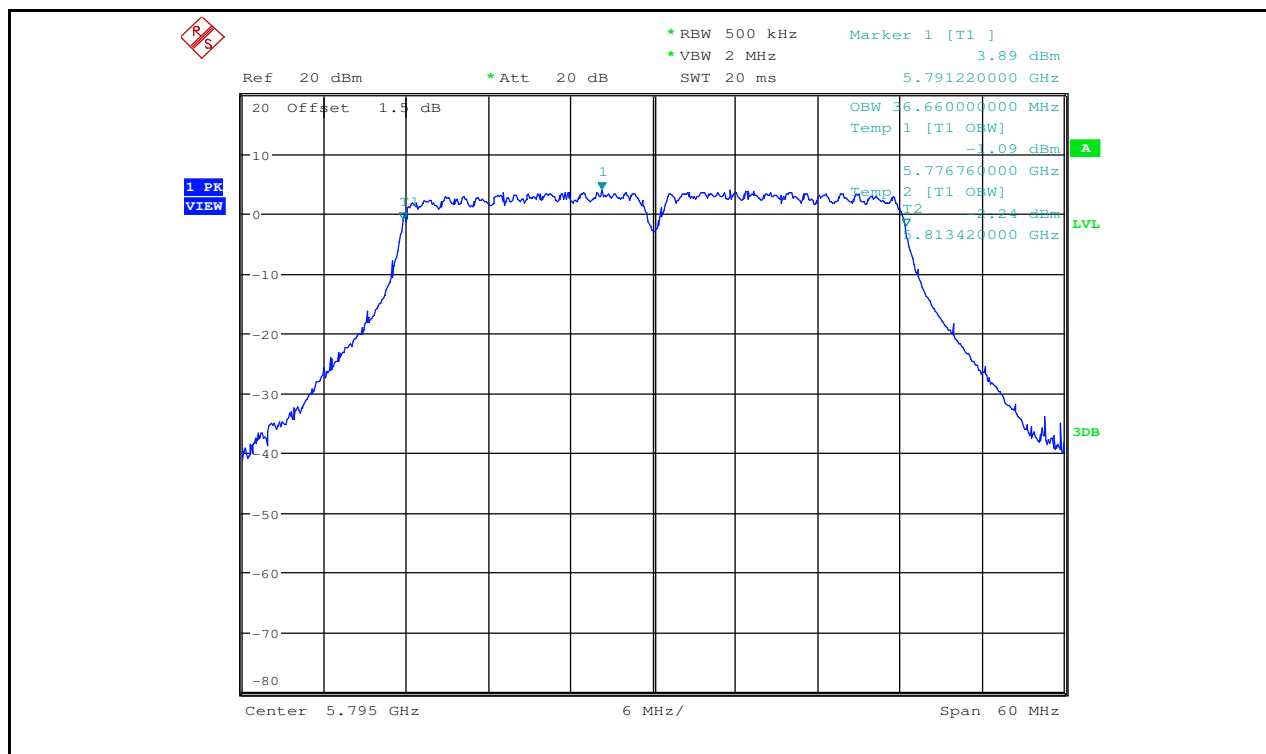
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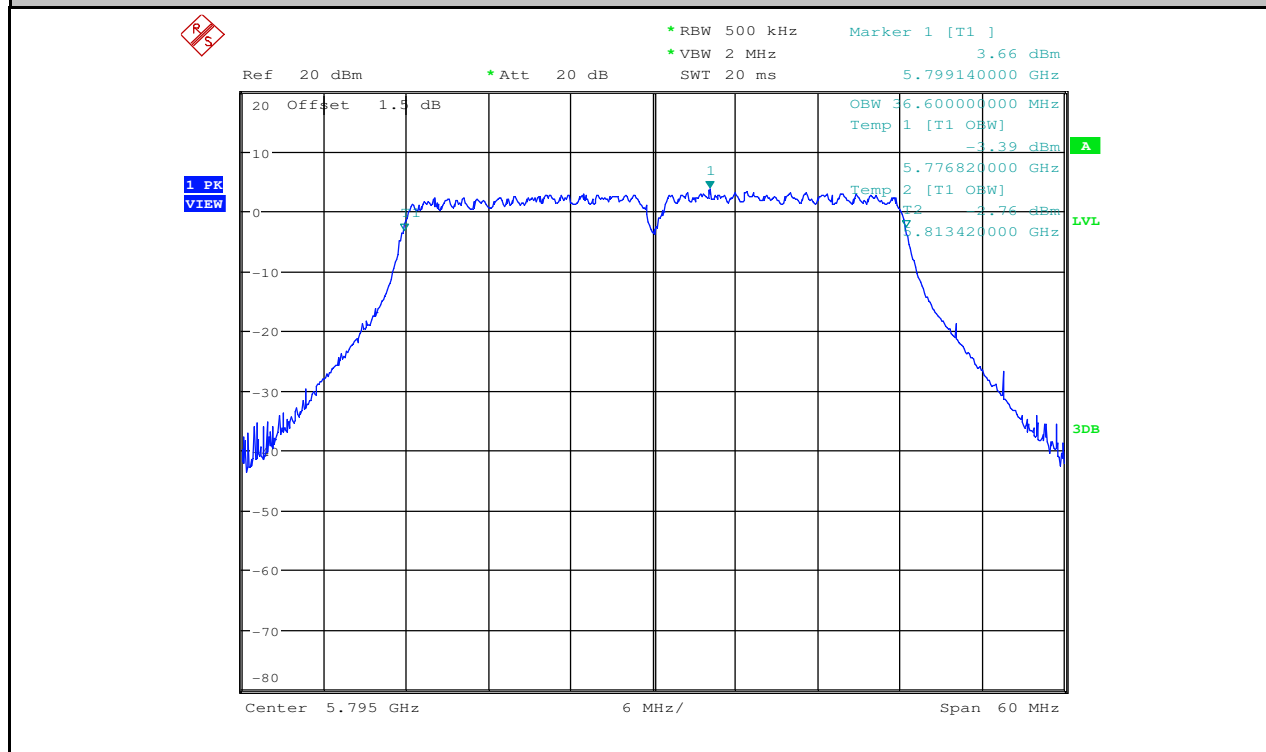
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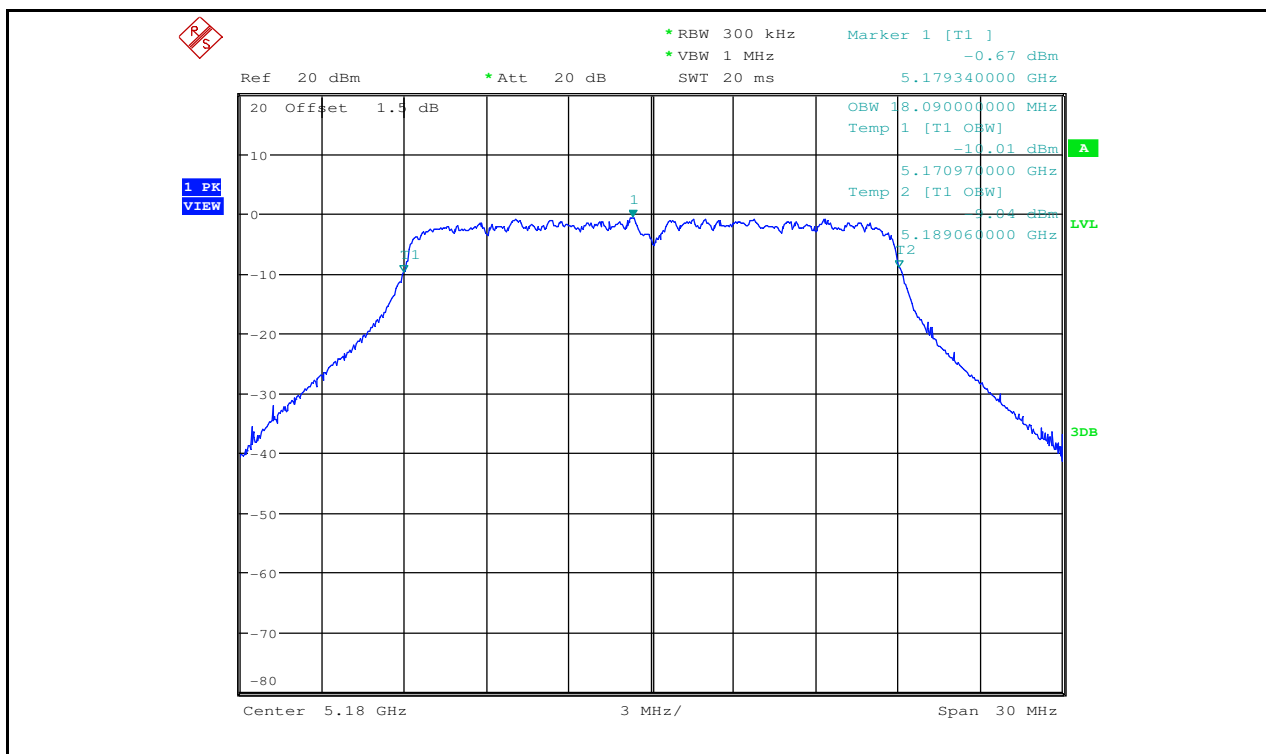
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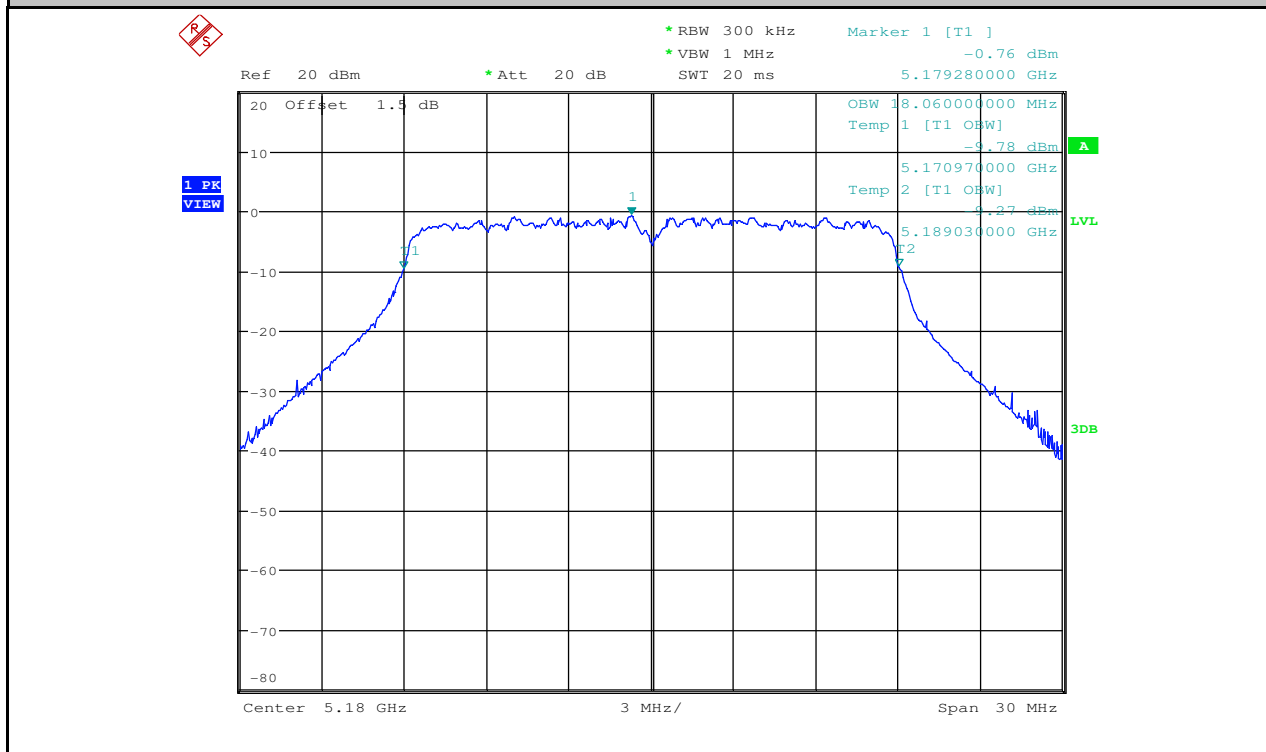
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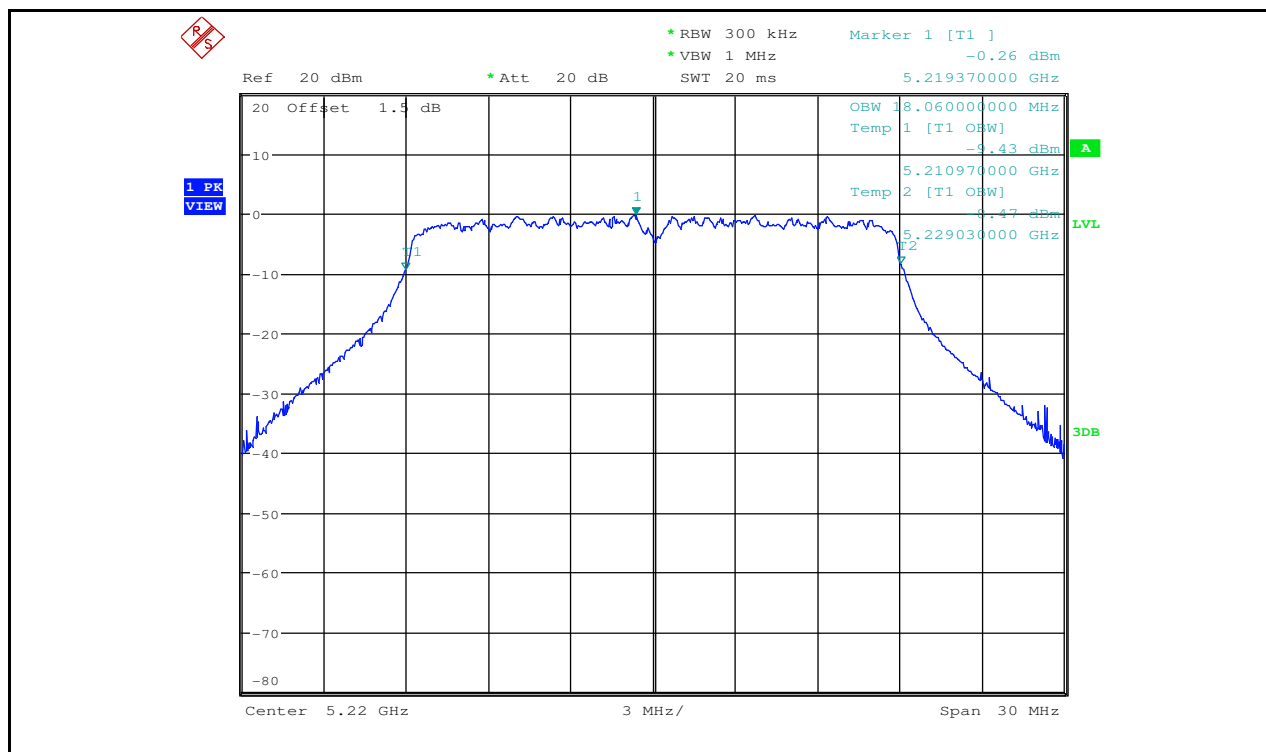
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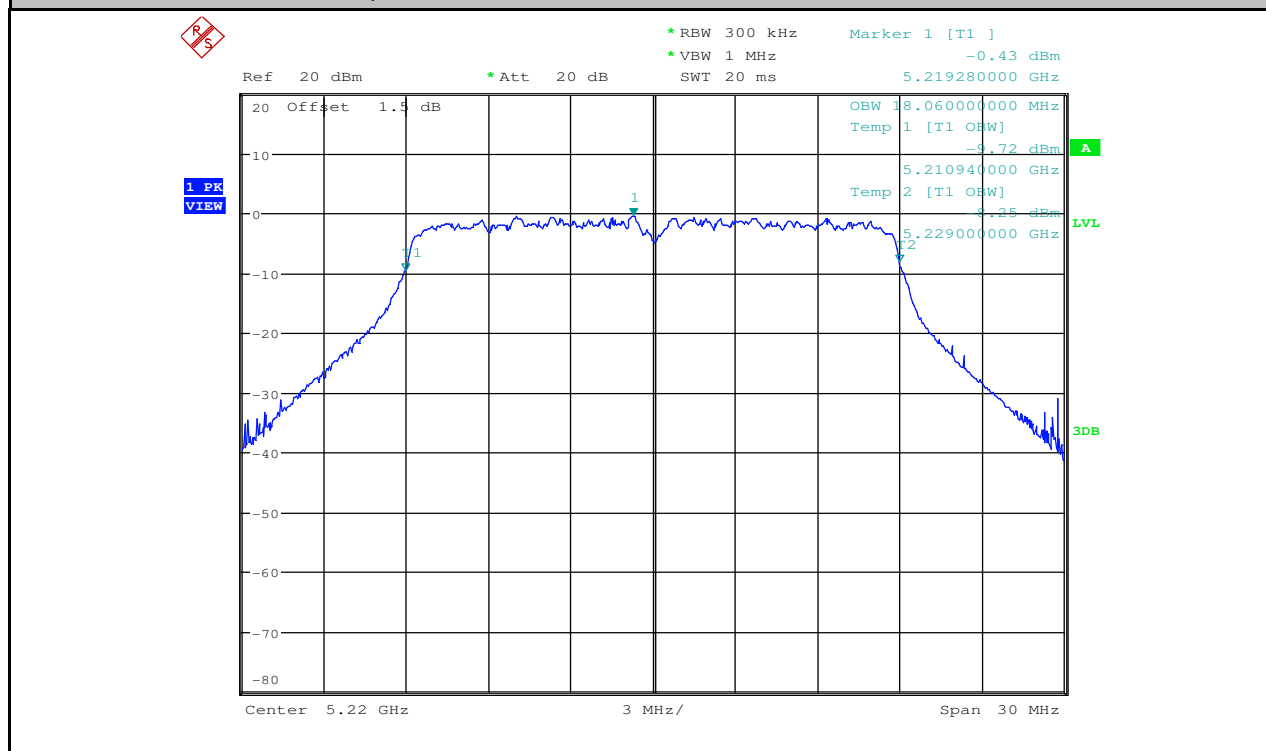
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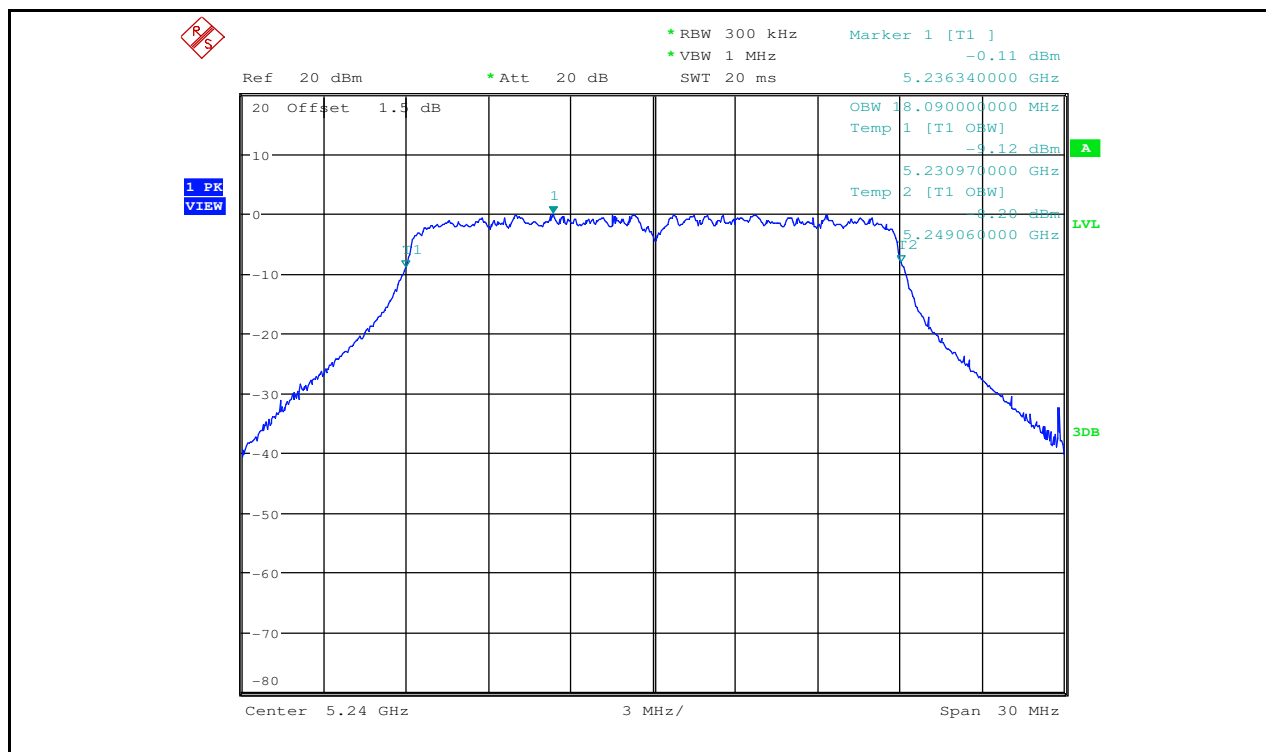
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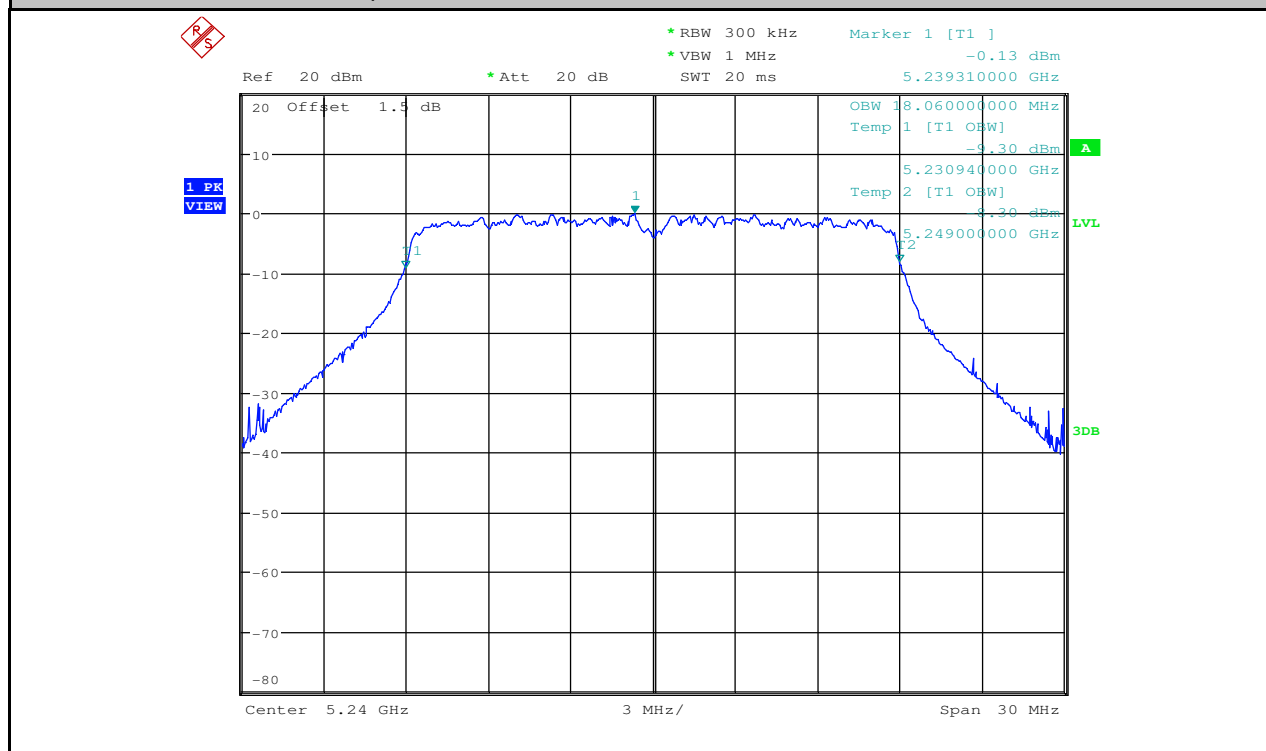
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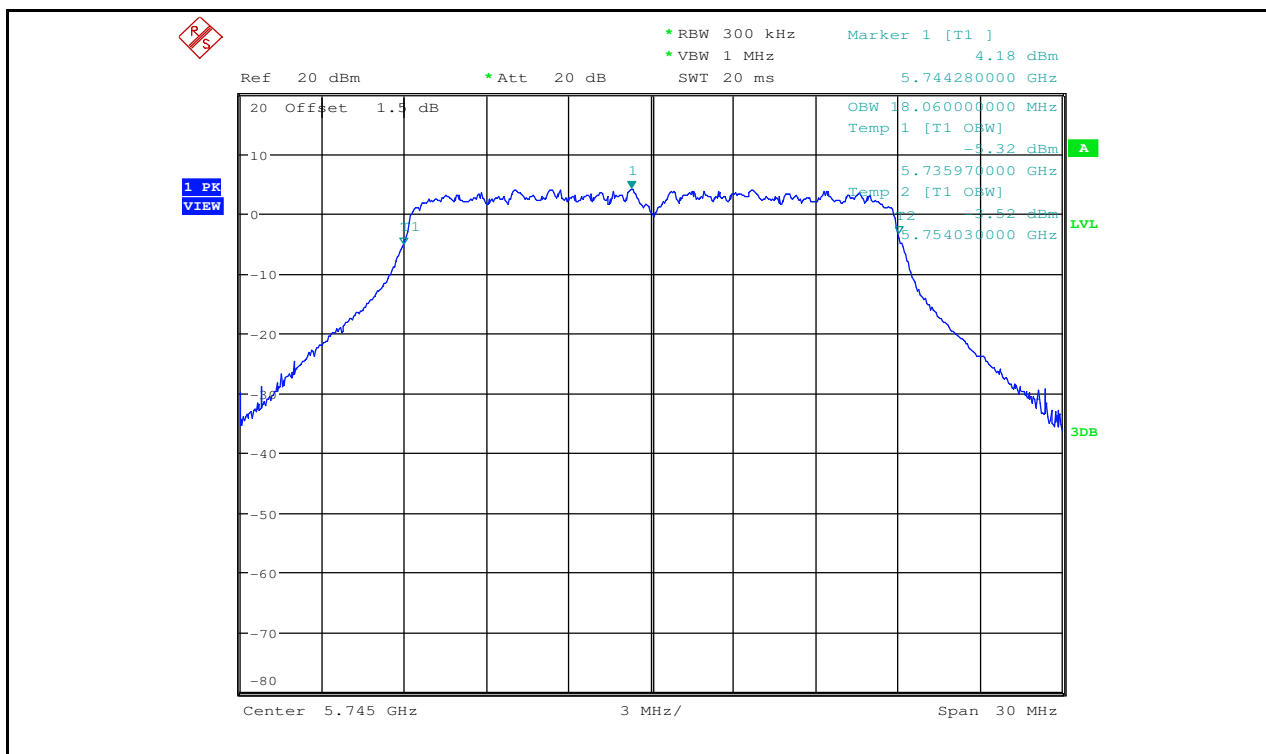
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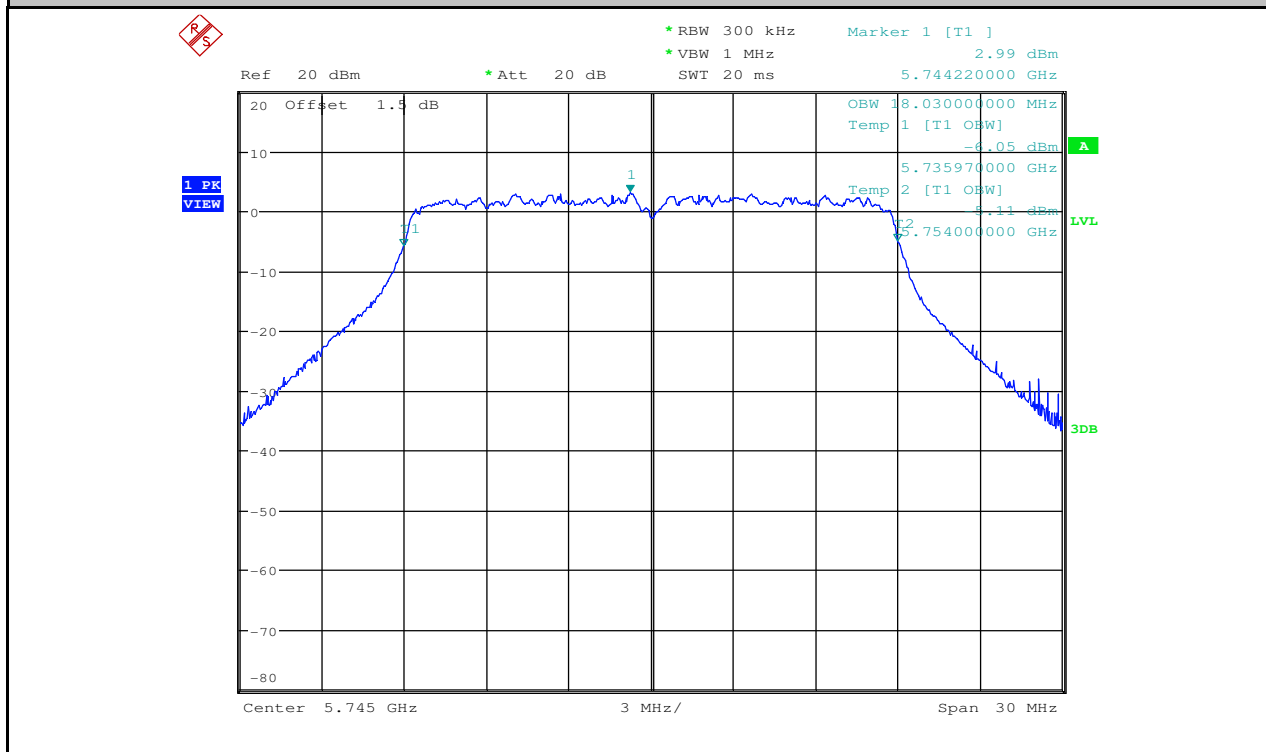
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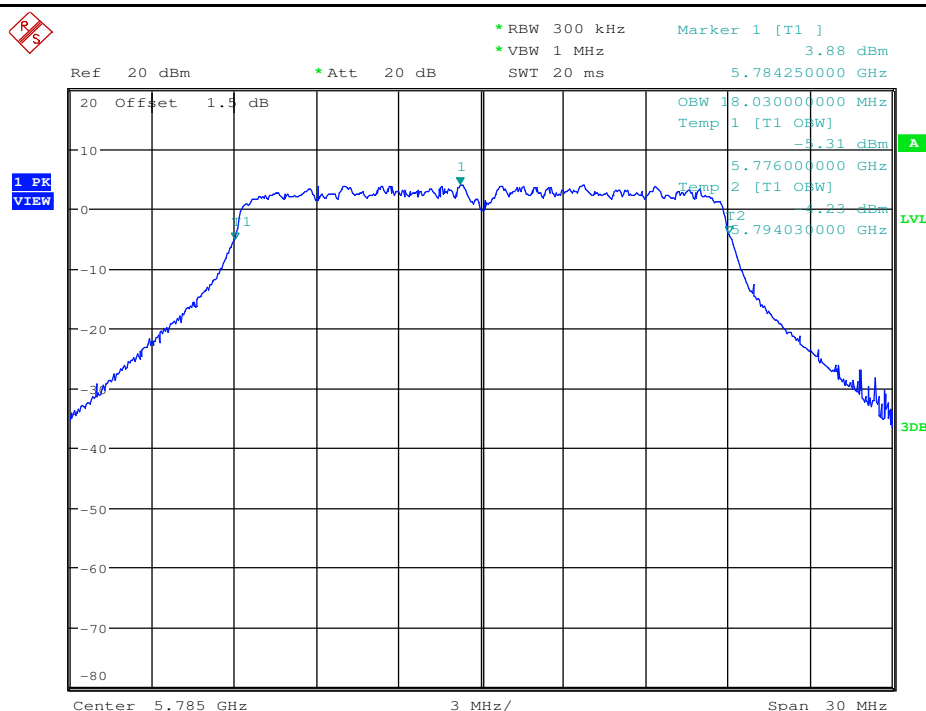
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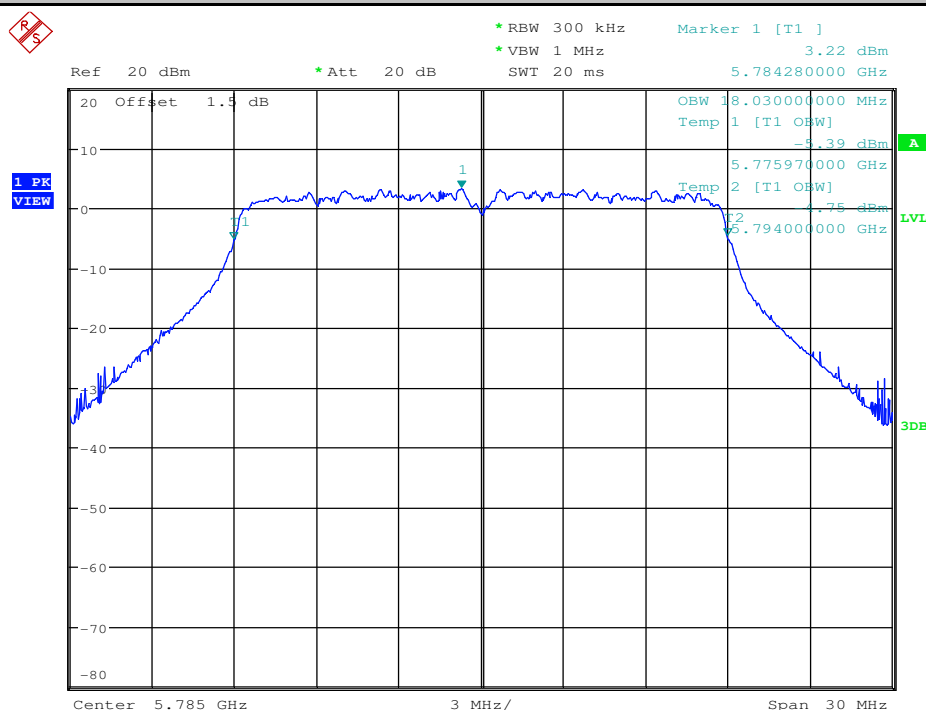
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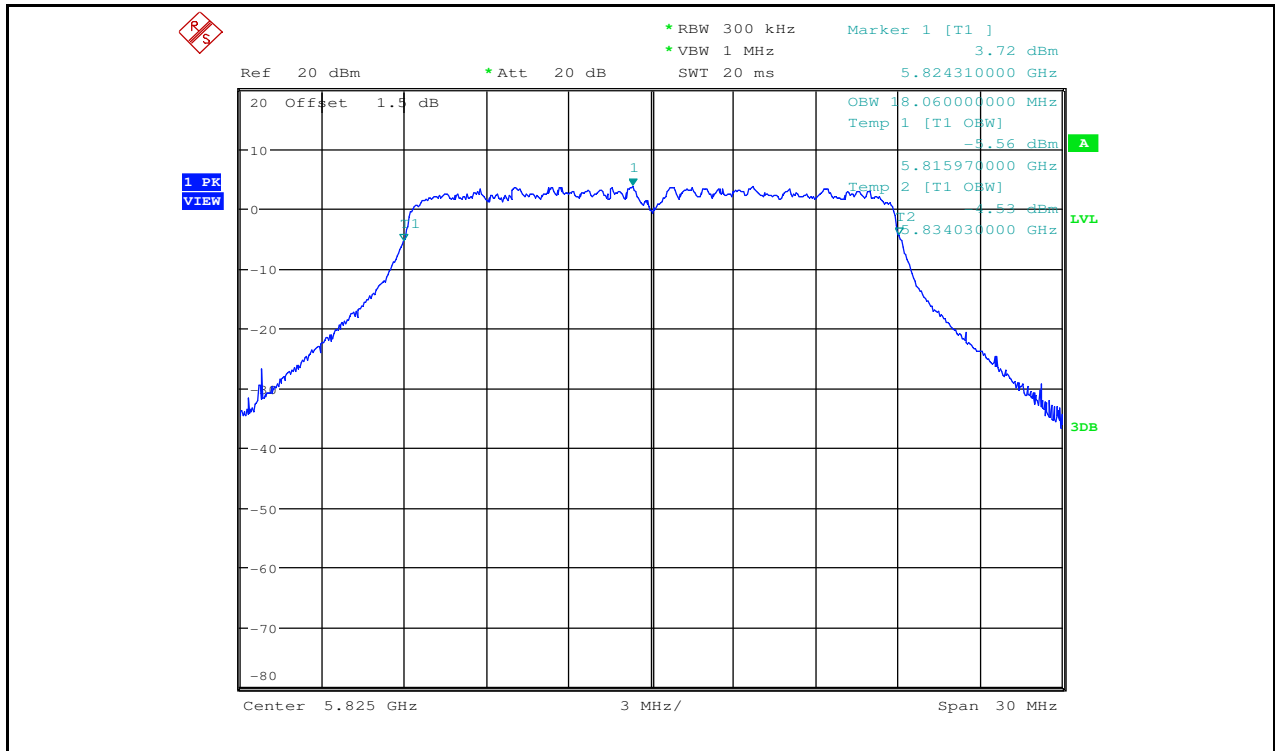
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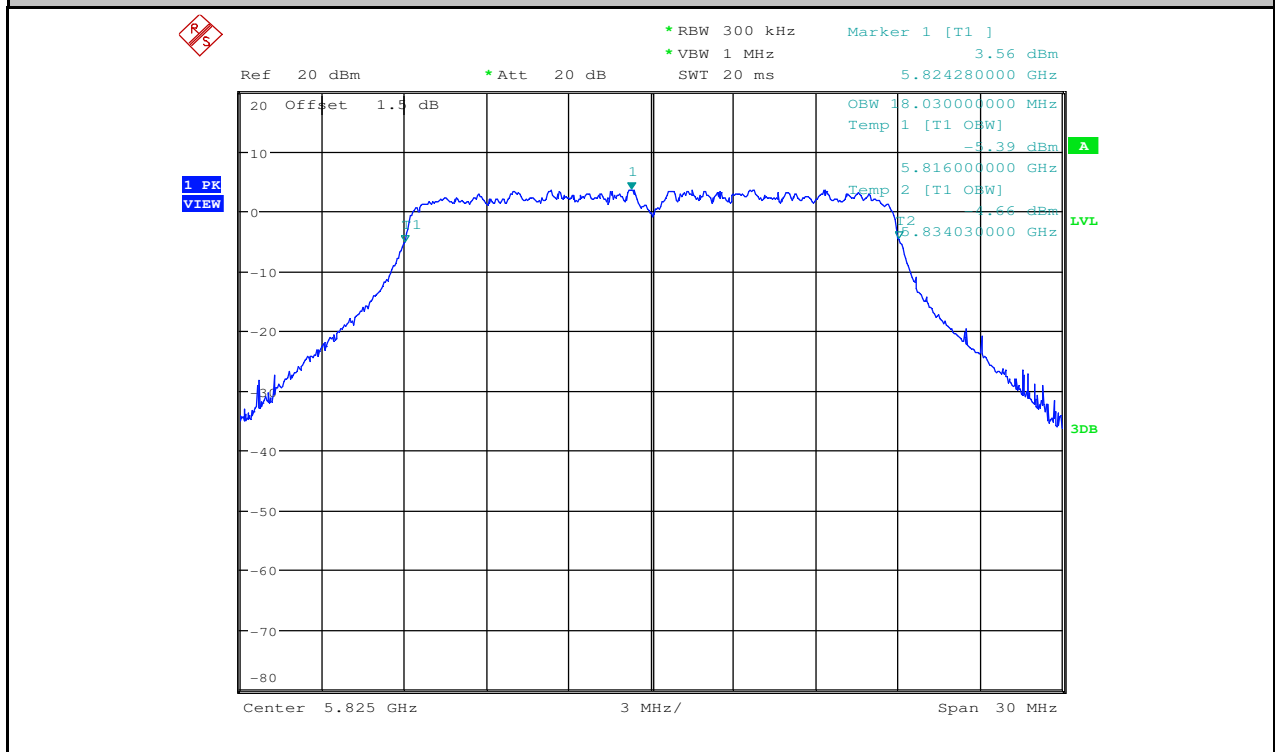
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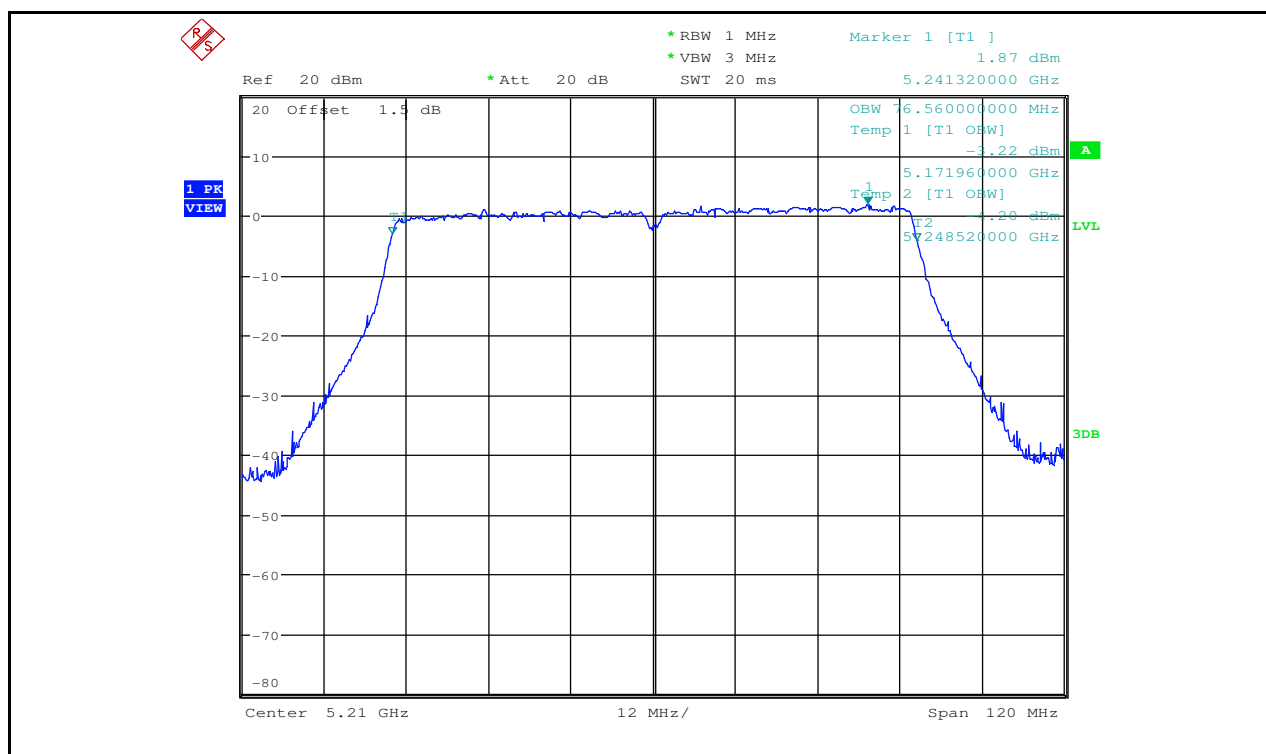
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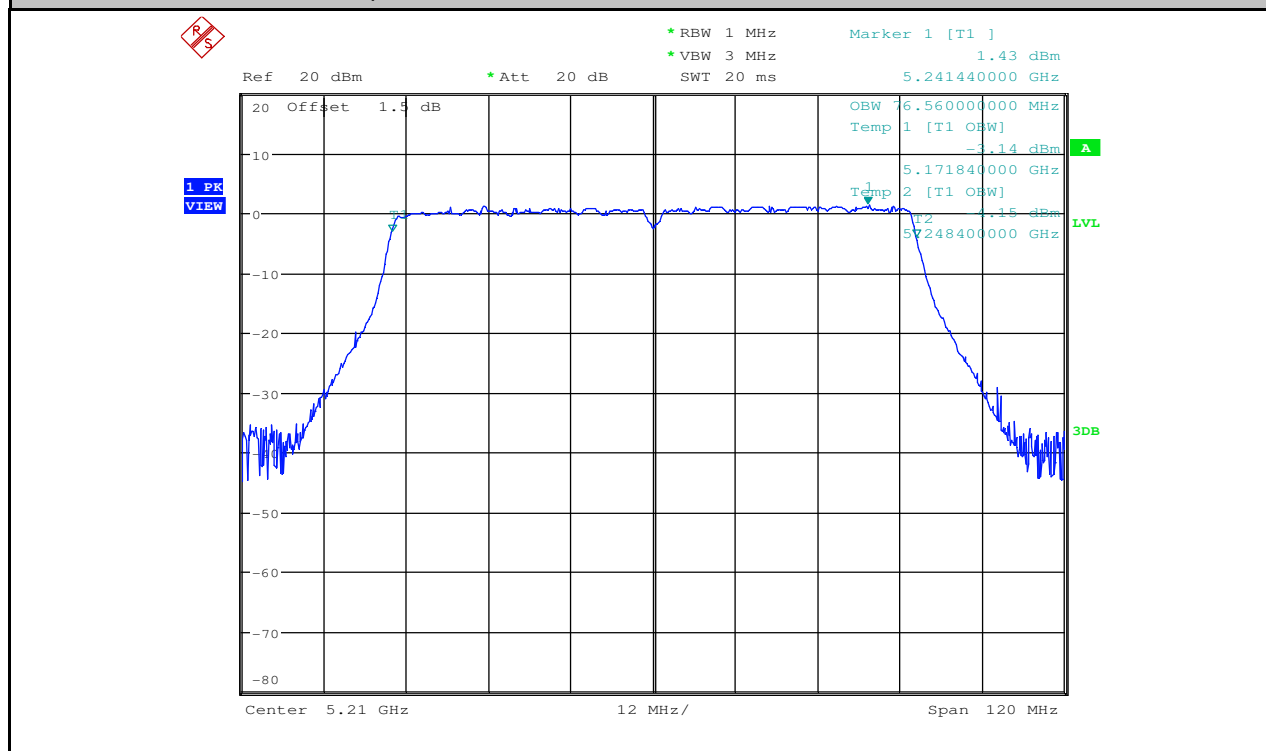
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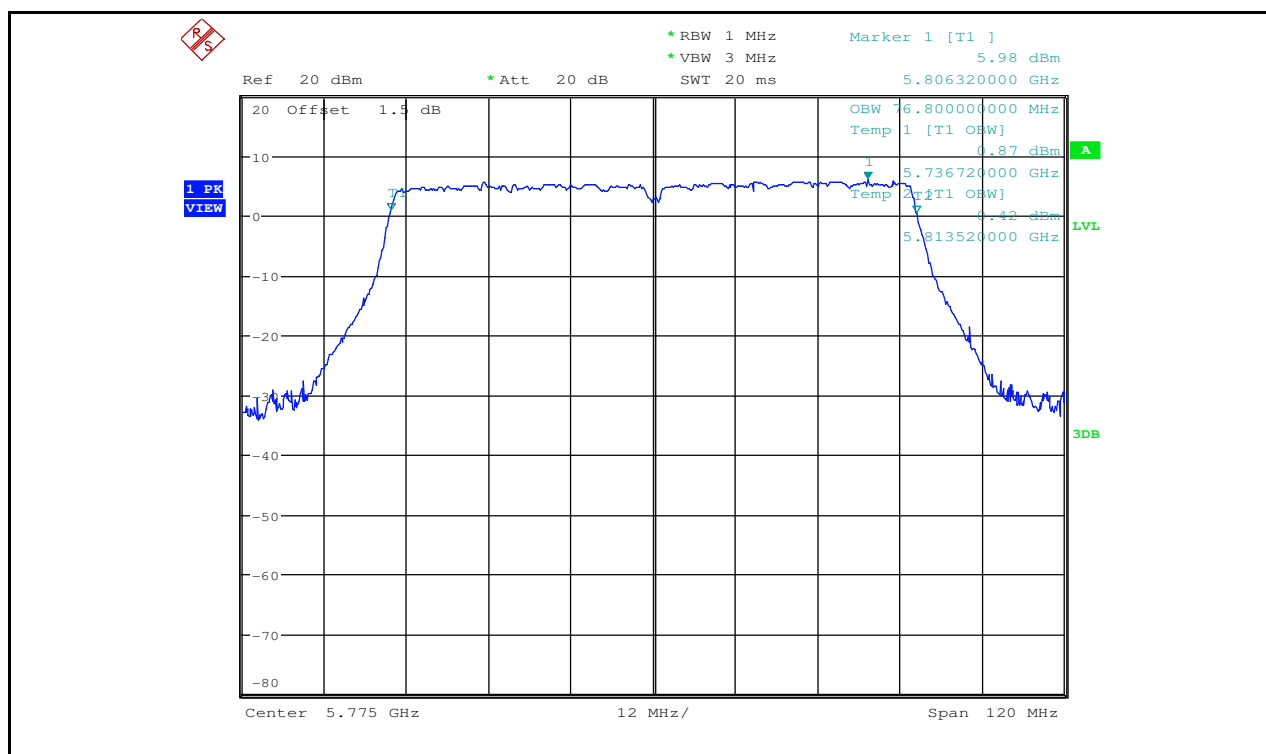


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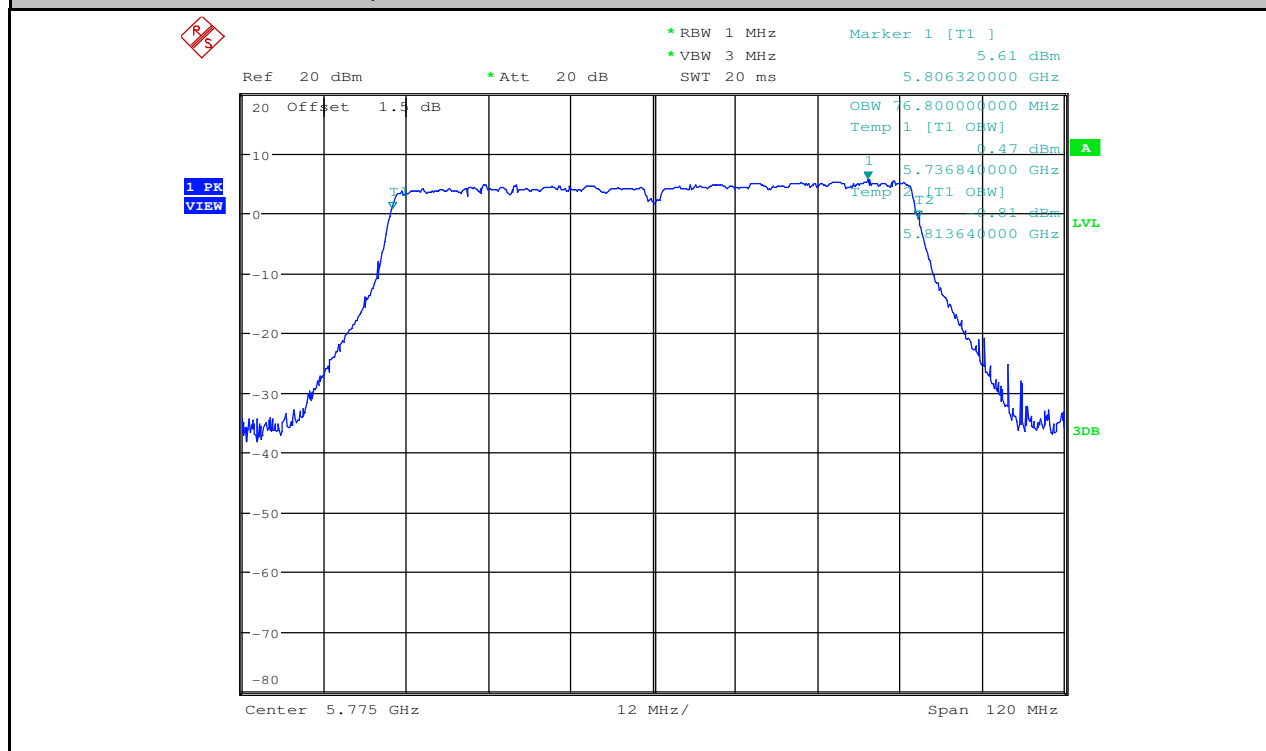


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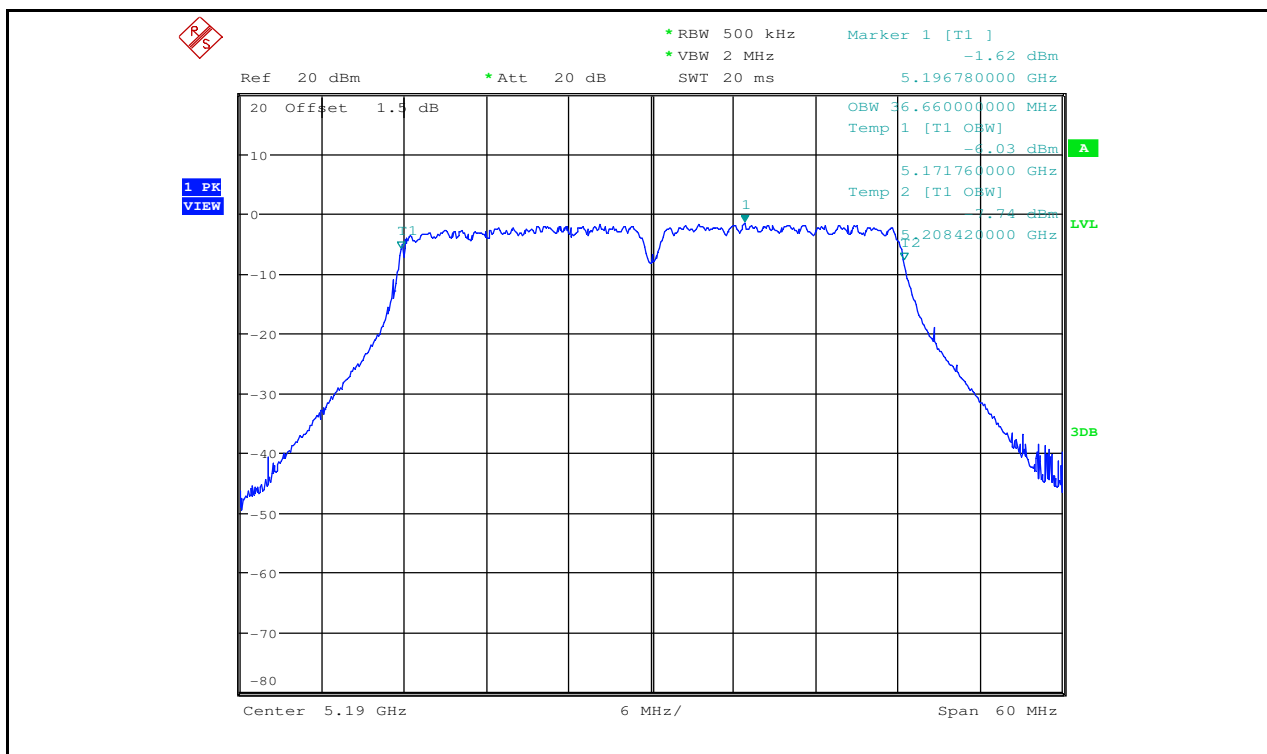
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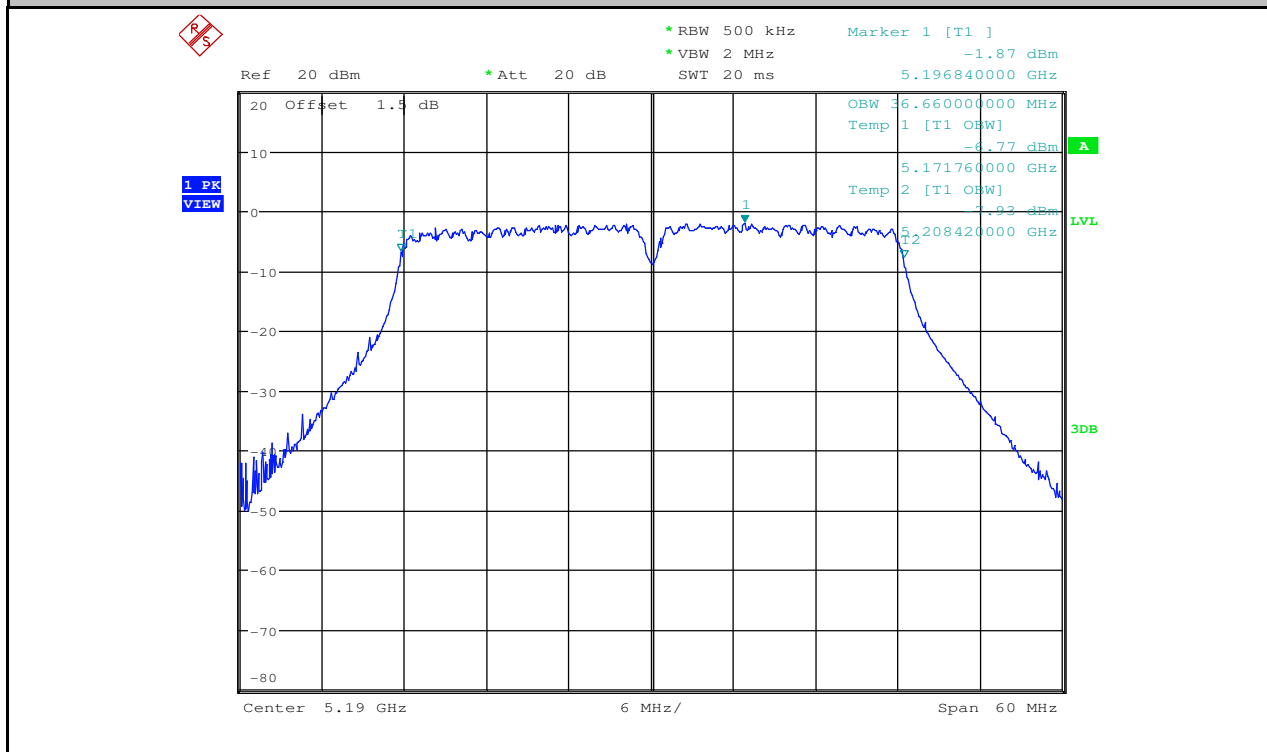
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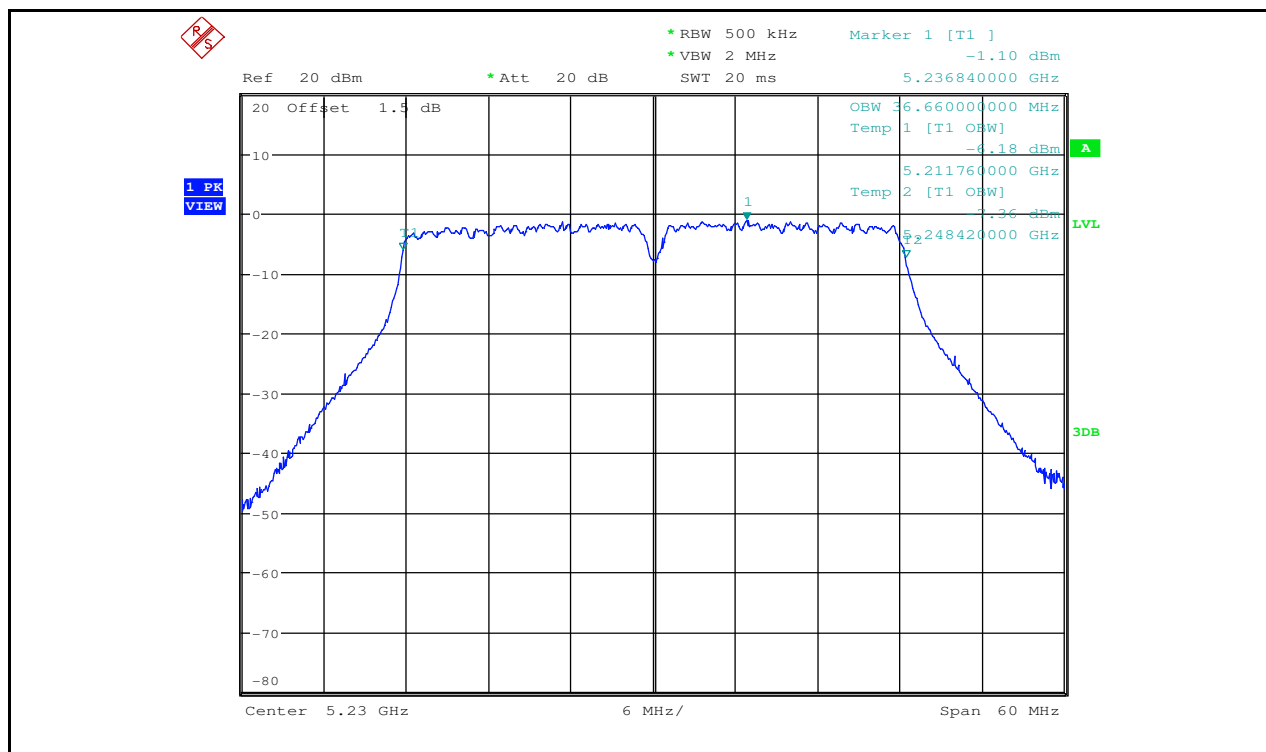
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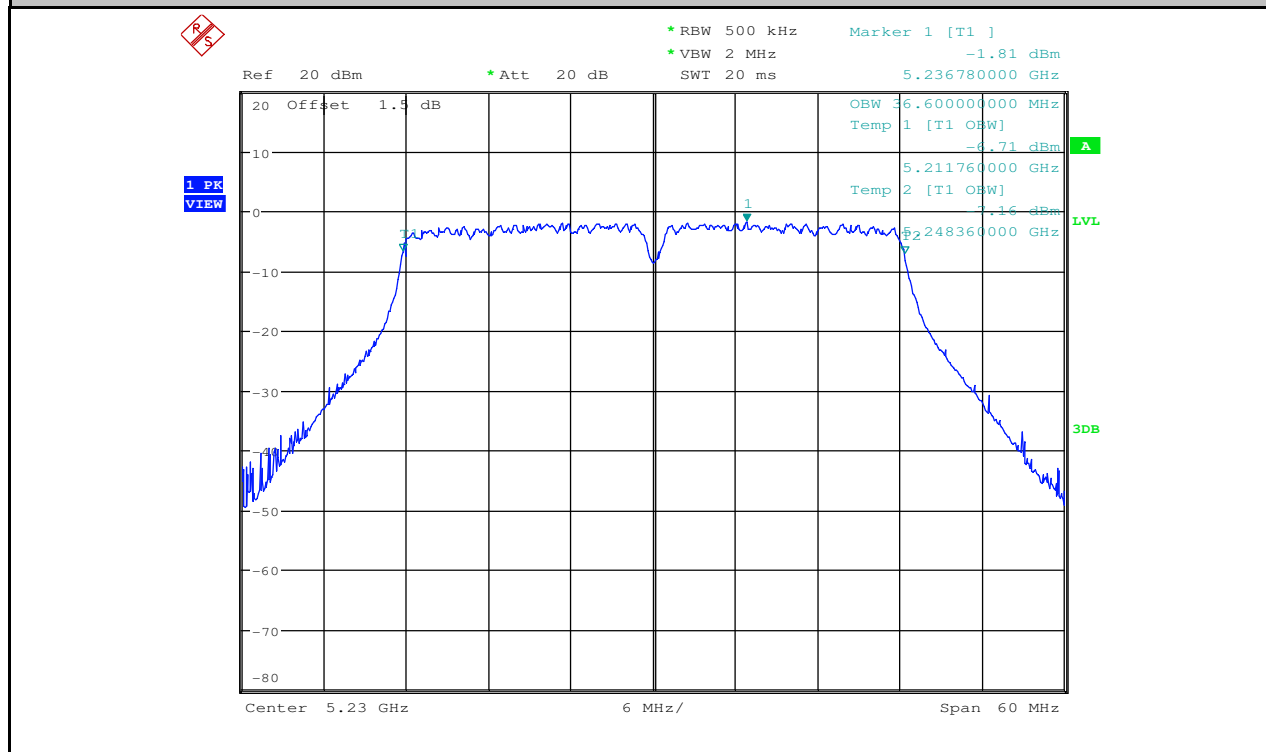
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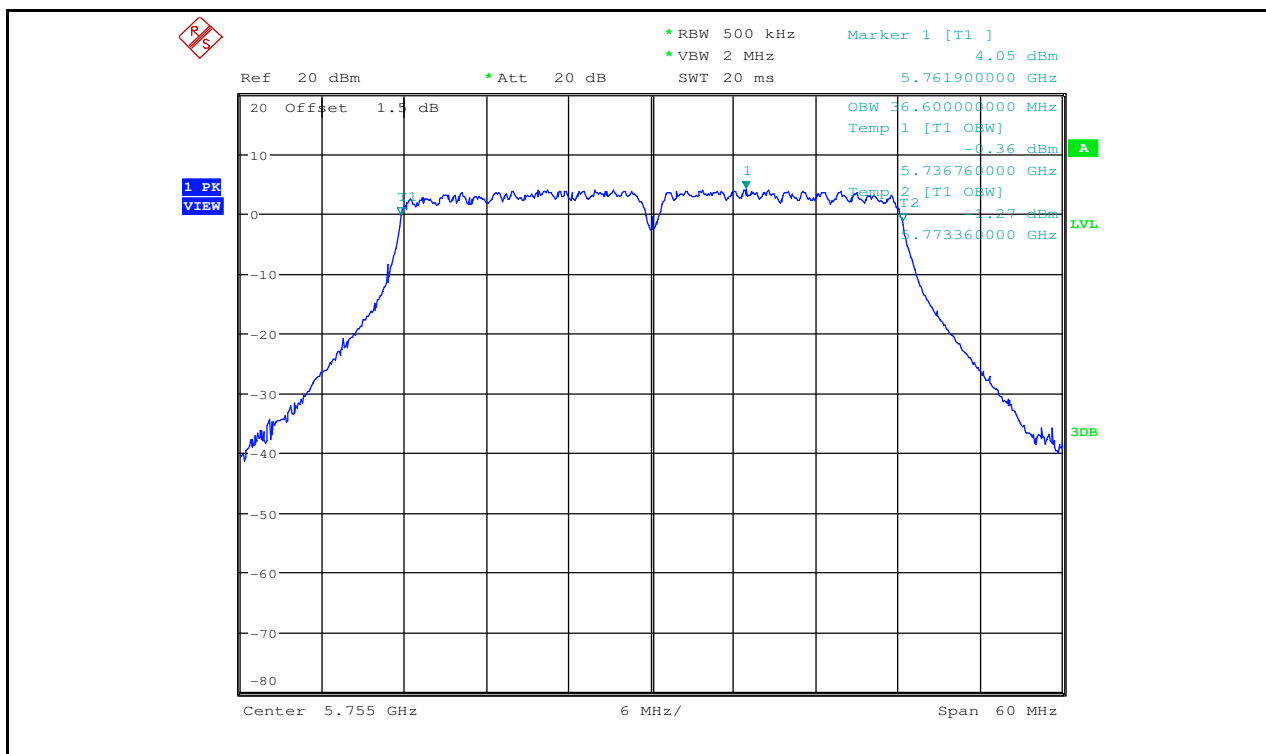
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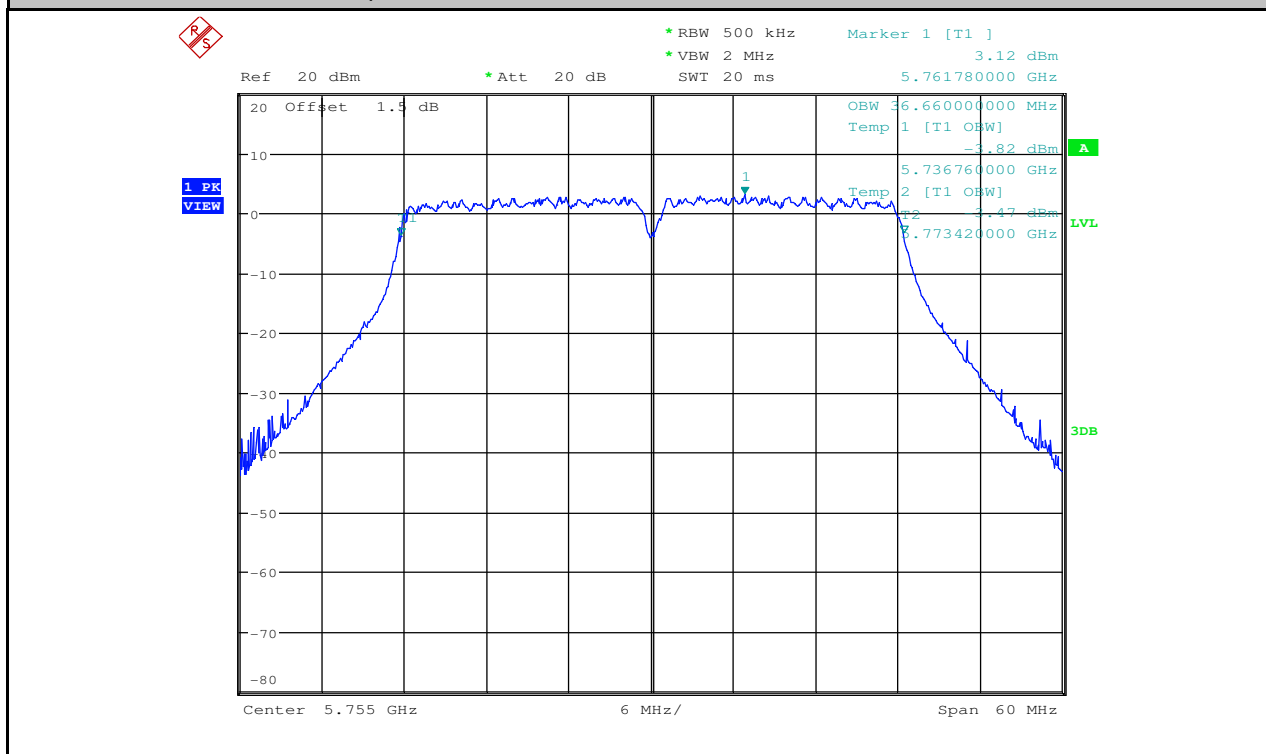
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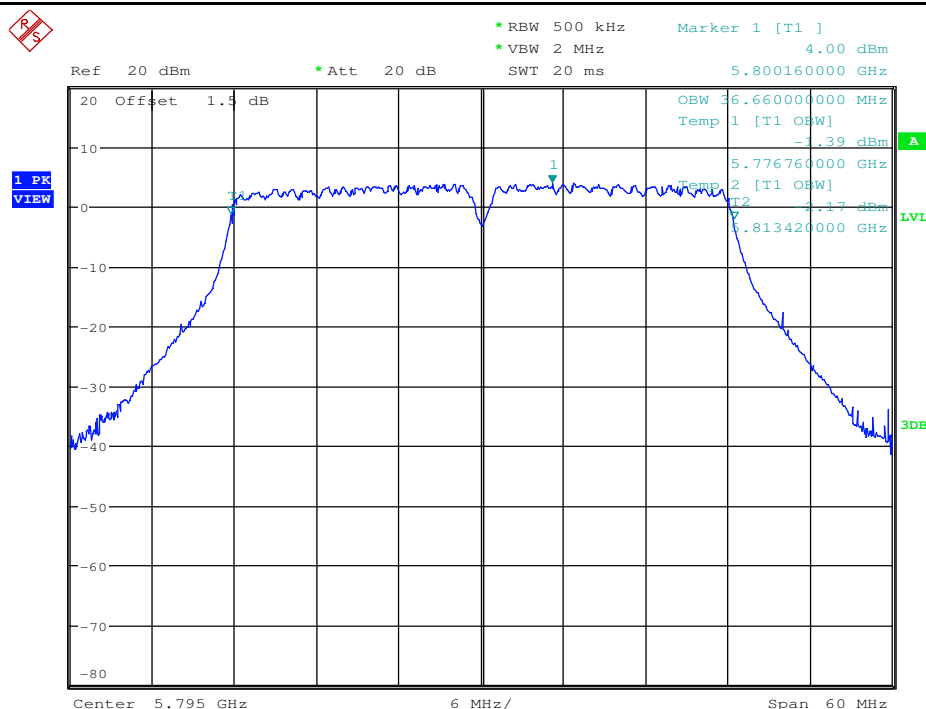
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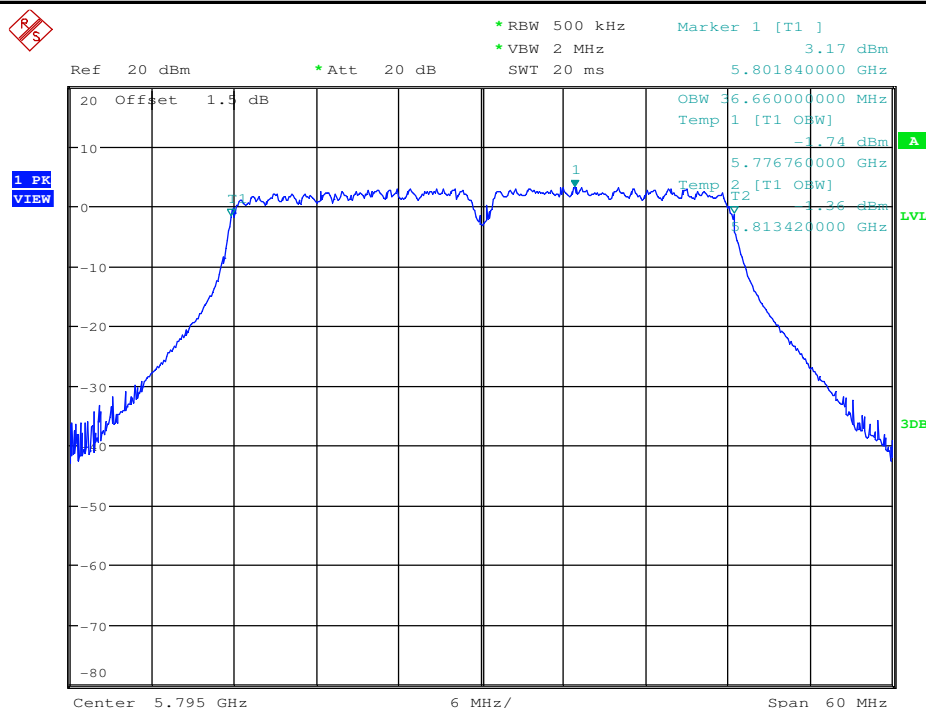
Occupied Bandwidth Measurement_11AC40_5755_Ant2



Occupied Bandwidth Measurement_11AC40_5795_Ant1



Occupied Bandwidth Measurement_11AC40_5795_Ant2



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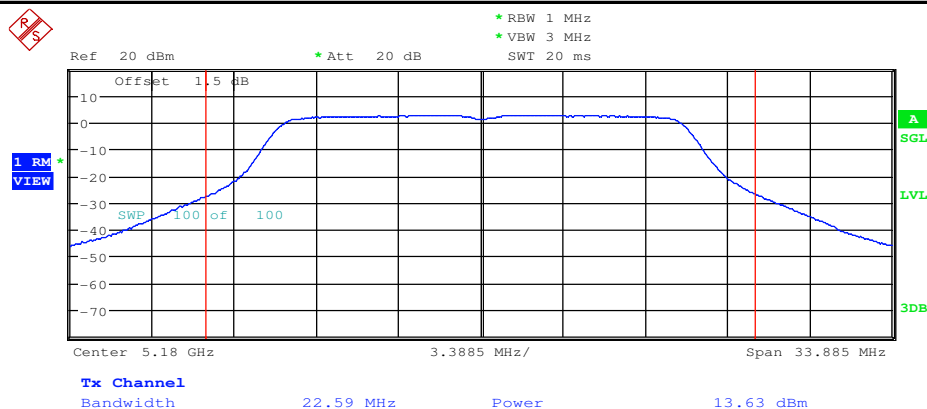
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3.Maximum Conduct Output Power

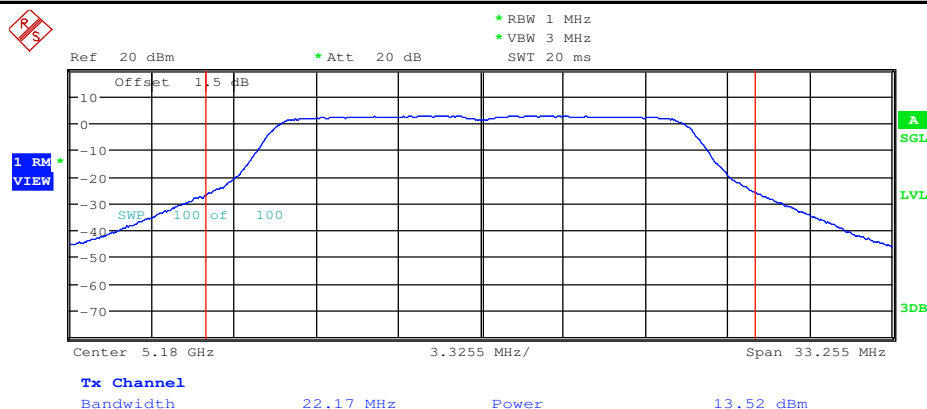
Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	13.63	0.2	13.83	<23.98	PASS
11A	5180	Ant2	13.52	0.18	13.70	<23.98	PASS
11A	5220	Ant1	13.97	0.2	14.17	<23.98	PASS
11A	5220	Ant2	13.91	0.18	14.09	<23.98	PASS
11A	5240	Ant1	14.37	0.18	14.55	<23.98	PASS
11A	5240	Ant2	14.21	0.18	14.39	<23.98	PASS
11A	5745	Ant1	14.25	0.2	14.45	<30.00	PASS
11A	5745	Ant2	13.22	0.18	13.40	<30.00	PASS
11A	5785	Ant1	14.2	0.2	14.40	<30.00	PASS
11A	5785	Ant2	13.43	0.19	13.62	<30.00	PASS
11A	5825	Ant1	14.06	0.18	14.24	<30.00	PASS
11A	5825	Ant2	13.57	0.19	13.76	<30.00	PASS
11N20	5180	Ant1	7.63	0.09	7.72	<23.98	PASS
11N20	5180	Ant2	7.61	0.09	7.70	<23.98	PASS
11N20	5220	Ant1	8.07	0.09	8.16	<23.98	PASS
11N20	5220	Ant2	8.09	0.09	8.18	<23.98	PASS
11N20	5240	Ant1	8.34	0.09	8.43	<23.98	PASS
11N20	5240	Ant2	8.42	0.09	8.51	<23.98	PASS
11N20	5745	Ant1	12.29	0.09	12.38	<30.00	PASS
11N20	5745	Ant2	11.24	0.09	11.33	<30.00	PASS
11N20	5785	Ant1	12.18	0.09	12.27	<30.00	PASS
11N20	5785	Ant2	11.62	0.09	11.71	<30.00	PASS
11N20	5825	Ant1	12.15	0.09	12.24	<30.00	PASS
11N20	5825	Ant2	11.97	0.09	12.06	<30.00	PASS
11N40	5190	Ant1	7.75	0.15	7.90	<23.98	PASS
11N40	5190	Ant2	7.29	0.16	7.45	<23.98	PASS
11N40	5230	Ant1	8.07	0	8.07	<23.98	PASS
11N40	5230	Ant2	7.56	0.16	7.72	<23.98	PASS

11N40	5755	Ant1	13.35	0.16	13.51	<30.00	PASS
11N40	5755	Ant2	12.02	0.16	12.18	<30.00	PASS
11N40	5795	Ant1	13.2	0.16	13.36	<30.00	PASS
11N40	5795	Ant2	12.36	0.16	12.52	<30.00	PASS
11AC20	5180	Ant1	7.74	0.09	7.83	<23.98	PASS
11AC20	5180	Ant2	7.59	0.09	7.68	<23.98	PASS
11AC20	5220	Ant1	8.14	0.1	8.24	<23.98	PASS
11AC20	5220	Ant2	7.96	0.09	8.05	<23.98	PASS
11AC20	5240	Ant1	8.45	0.09	8.54	<23.98	PASS
11AC20	5240	Ant2	8.34	0.09	8.43	<23.98	PASS
11AC20	5745	Ant1	12.29	0.09	12.38	<30.00	PASS
11AC20	5745	Ant2	11.97	0.1	12.07	<30.00	PASS
11AC20	5785	Ant1	12.31	0.09	12.40	<30.00	PASS
11AC20	5785	Ant2	11.5	0.09	11.59	<30.00	PASS
11AC20	5825	Ant1	12.19	0.09	12.28	<30.00	PASS
11AC20	5825	Ant2	11.99	0.09	12.08	<30.00	PASS
11AC80	5210	Ant1	9.76	0.32	10.08	<23.98	PASS
11AC80	5210	Ant2	9.81	0.31	10.12	<23.98	PASS
11AC80	5775	Ant1	14.18	0.33	14.51	<30.00	PASS
11AC80	5775	Ant2	13.6	0.32	13.92	<30.00	PASS
11AC40	5190	Ant1	7.78	0.18	7.96	<23.98	PASS
11AC40	5190	Ant2	7.35	0.16	7.51	<23.98	PASS
11AC40	5230	Ant1	8.18	0.18	8.36	<23.98	PASS
11AC40	5230	Ant2	7.61	0.16	7.77	<23.98	PASS
11AC40	5755	Ant1	13.44	0.18	13.62	<30.00	PASS
11AC40	5755	Ant2	11.94	0.16	12.10	<30.00	PASS
11AC40	5795	Ant1	13.24	0.18	13.42	<30.00	PASS
11AC40	5795	Ant2	12.39	0.18	12.57	<30.00	PASS

Maximum Conduct Output Power_11A_5180_Ant1



Maximum Conduct Output Power 11A 5180 Ant2



Maximum Conduct Output Power 11A 5220 Ant1

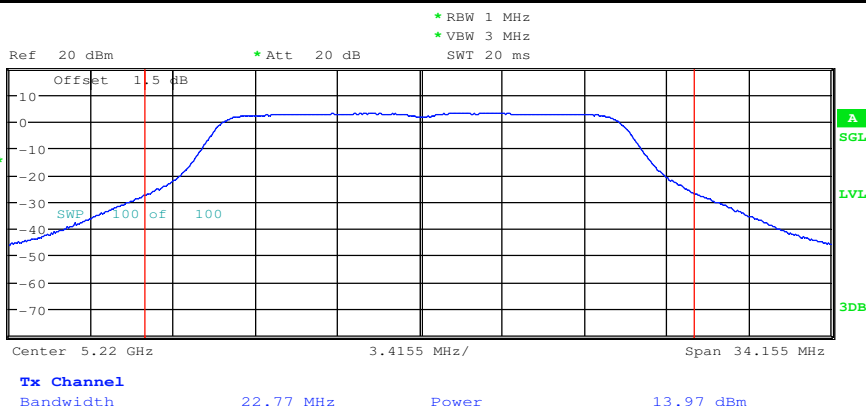


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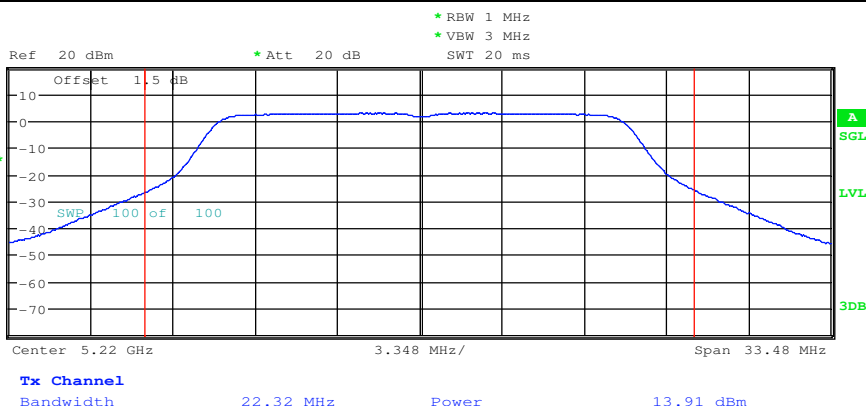
1 RM
VIEW



Maximum Conduct Output Power_11A_5220_Ant2



1 RM
VIEW



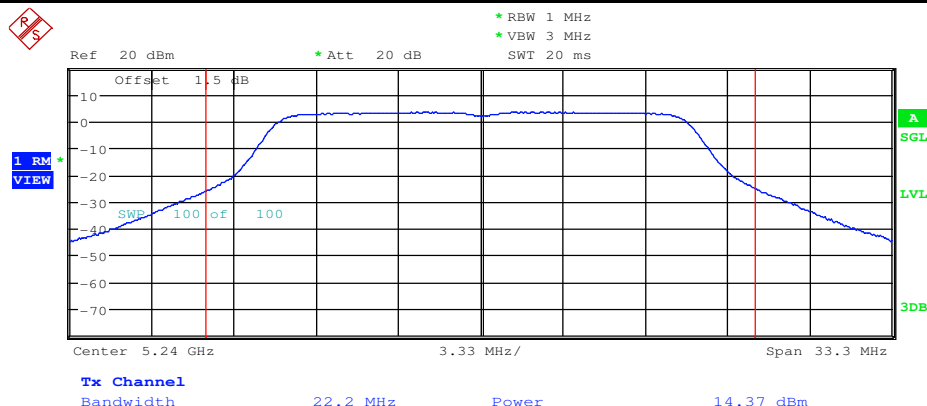
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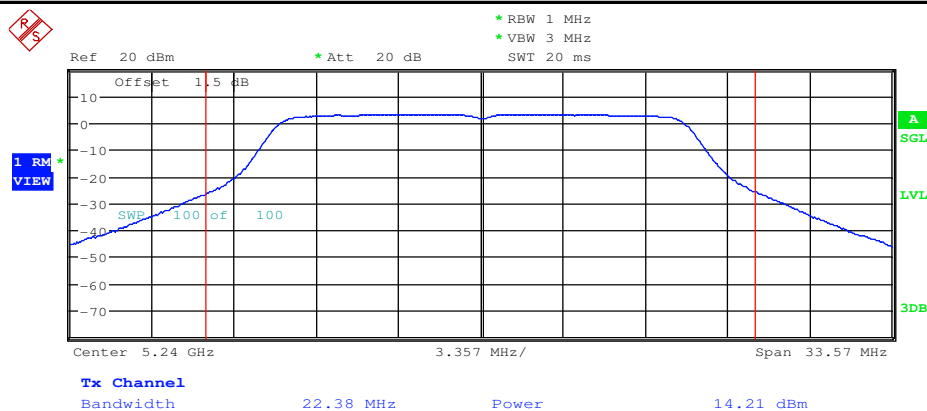
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Maximum Conduct Output Power_11A_5240_Ant2



Maximum Conduct Output Power_11A_5745_Ant1

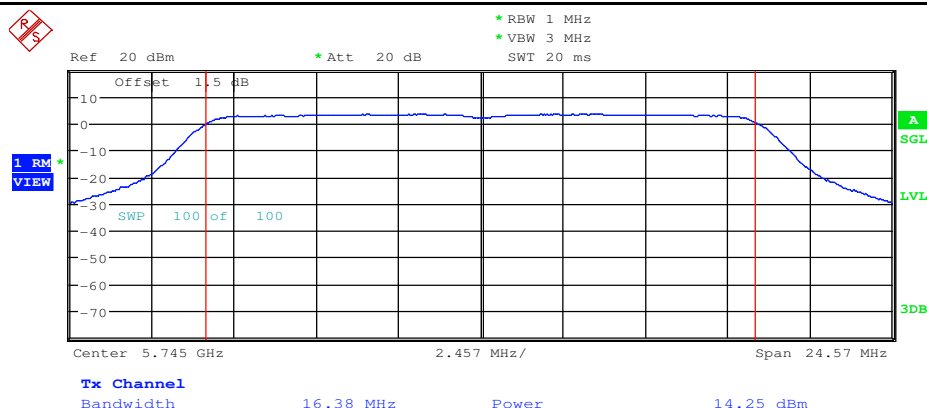


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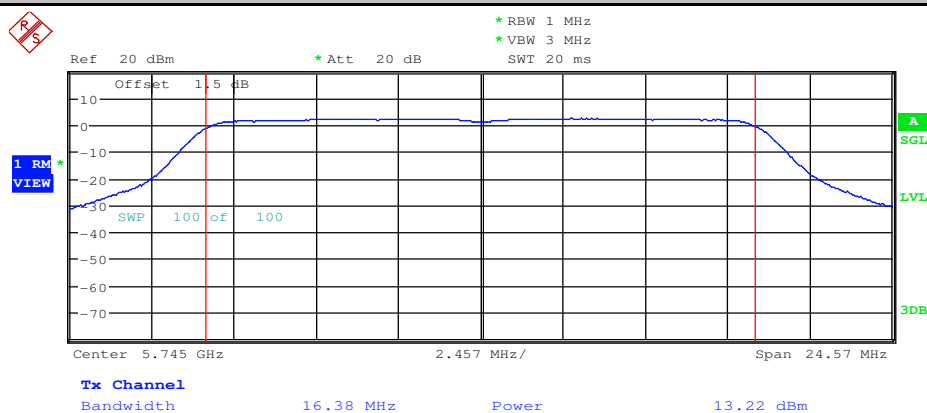
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Maximum Conduct Output Power_11A_5745_Ant2

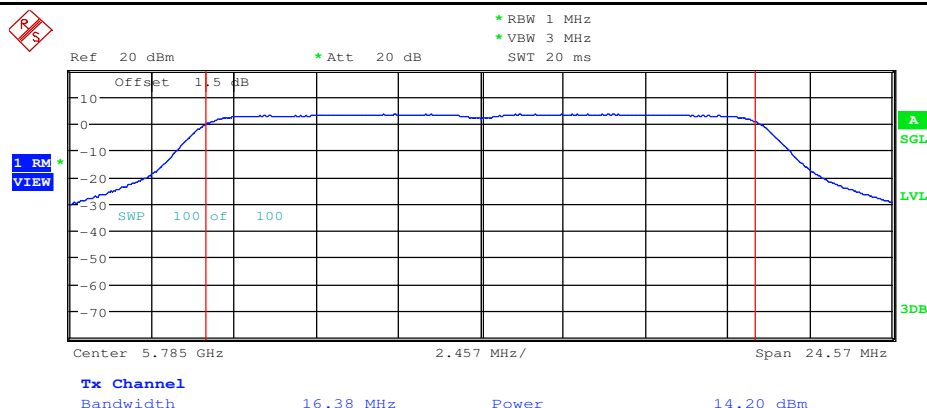


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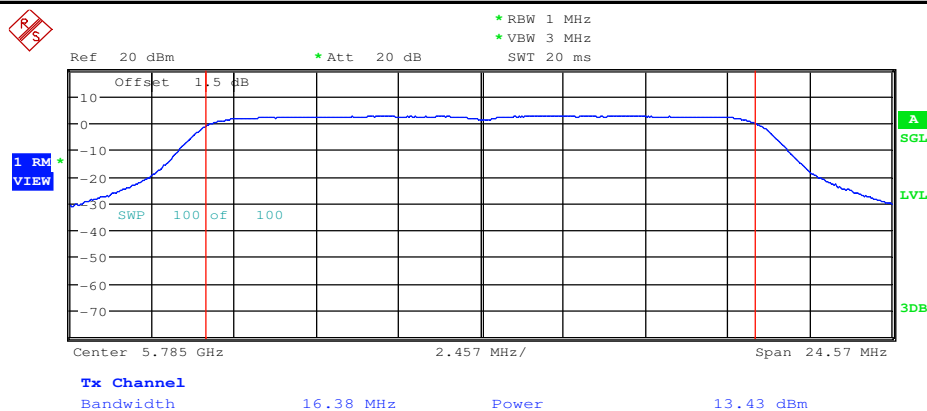


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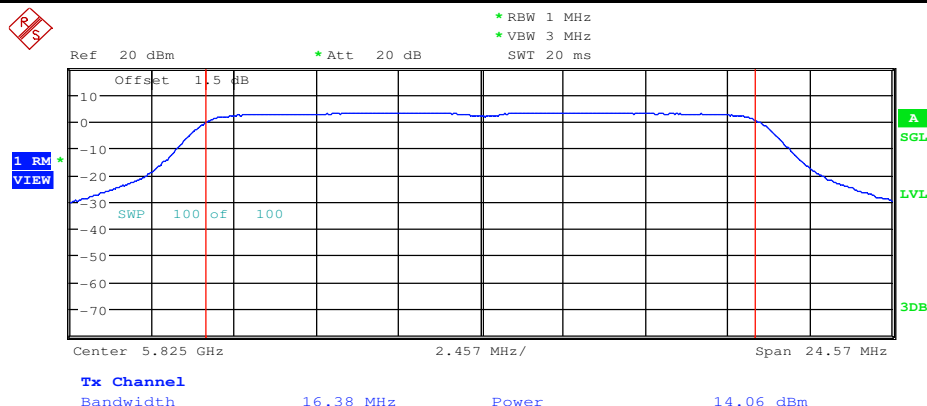


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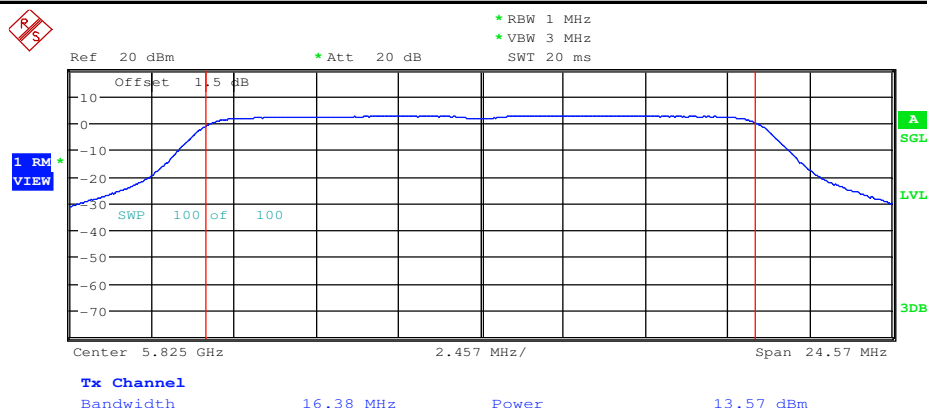


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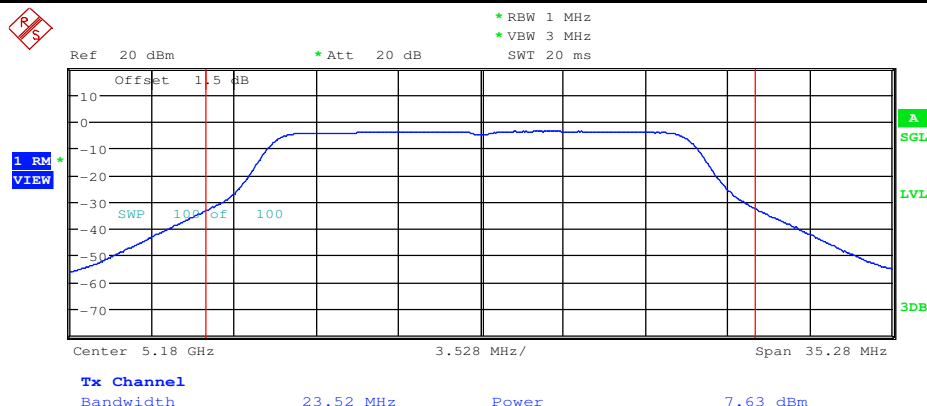
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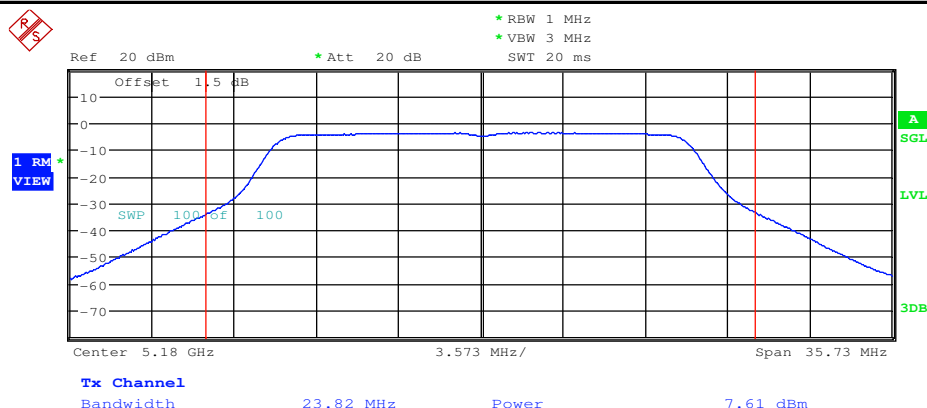
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Maximum Conduct Output Power_11N20_5180_Ant2



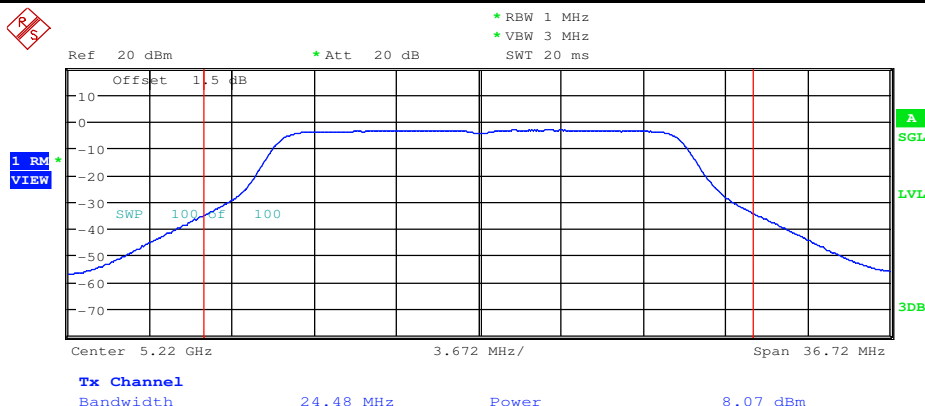
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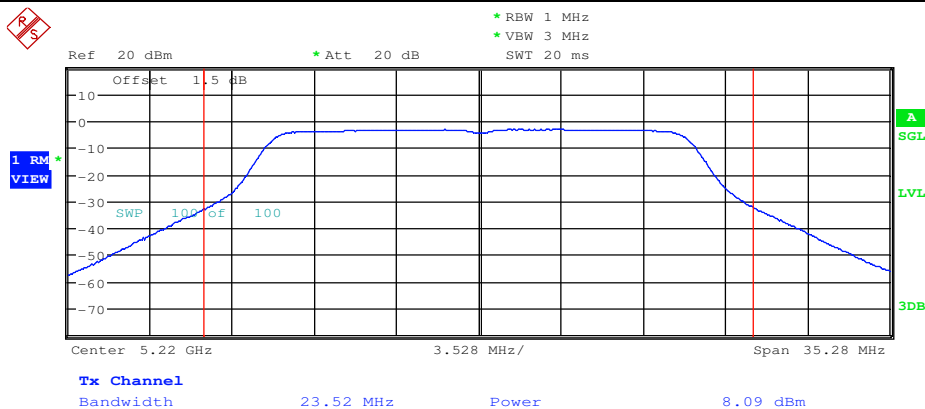
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Maximum Conduct Output Power_11N20_5220_Ant2



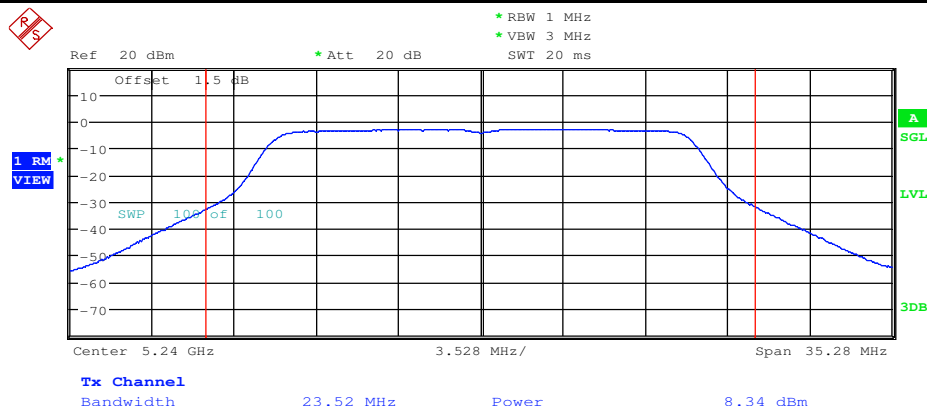
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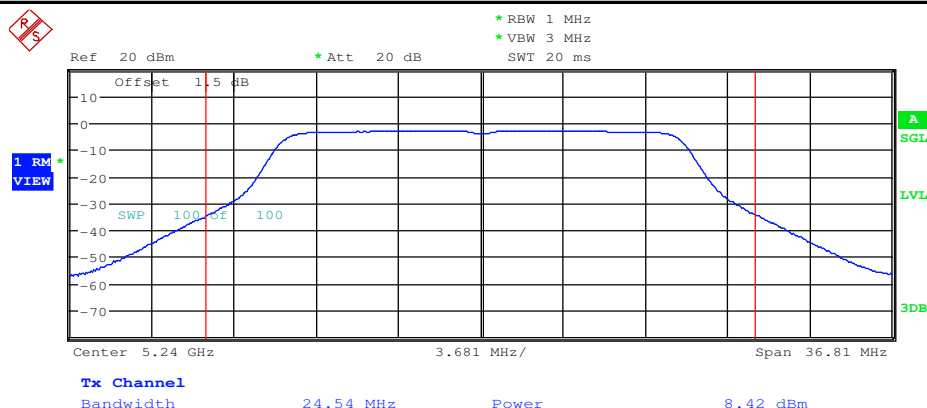
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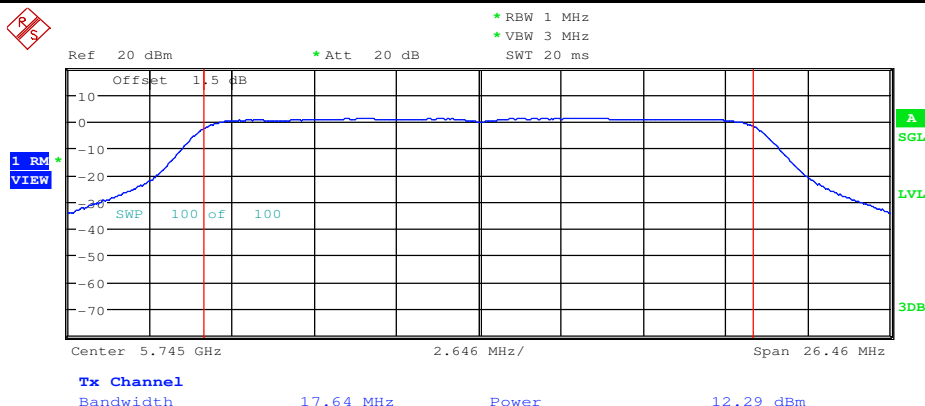
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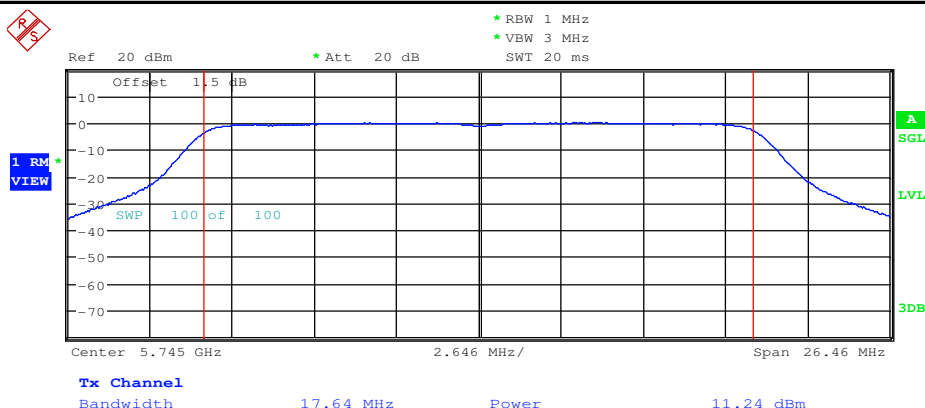
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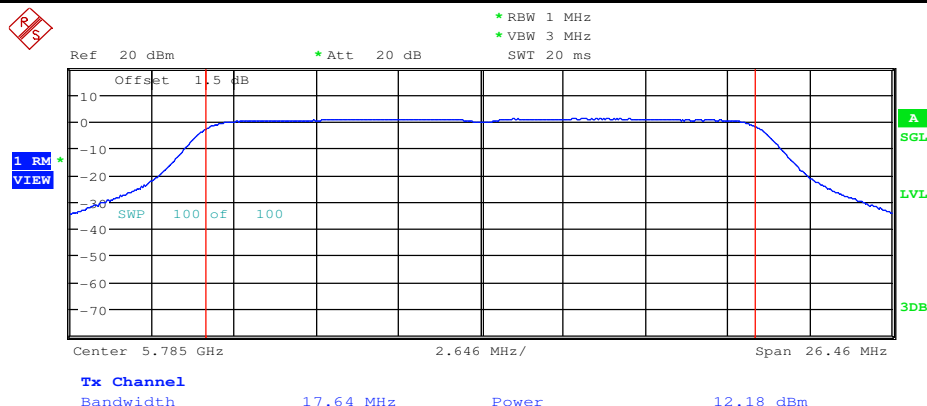
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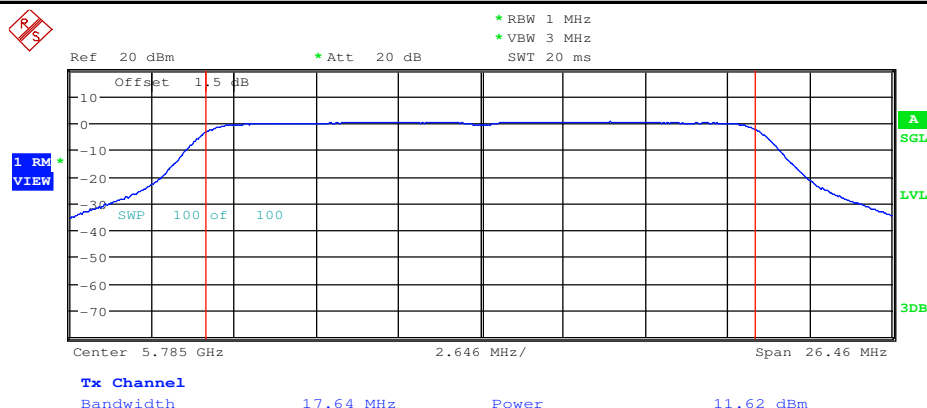
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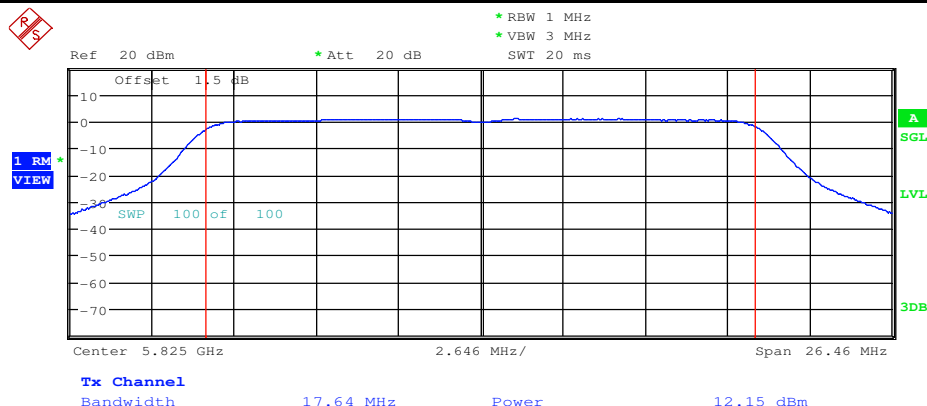
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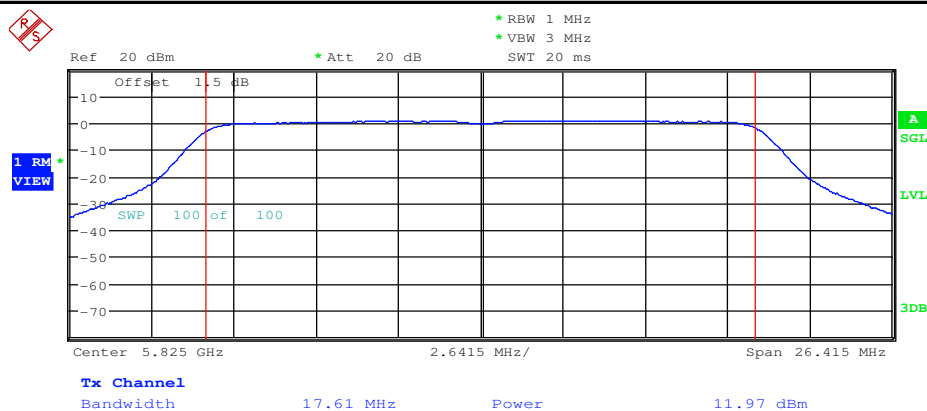
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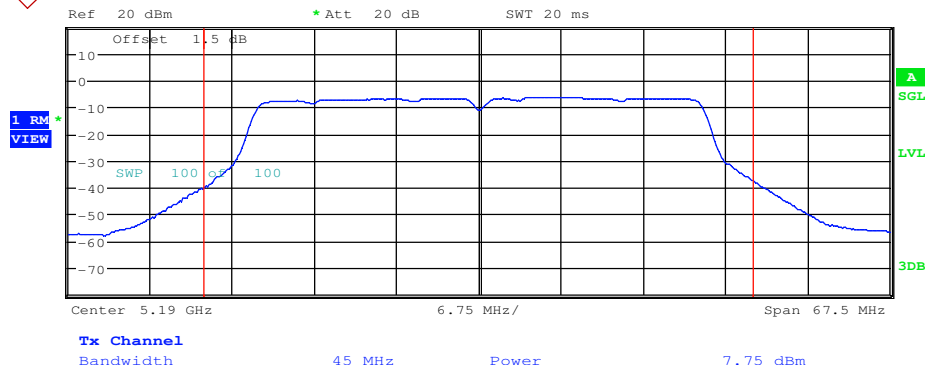
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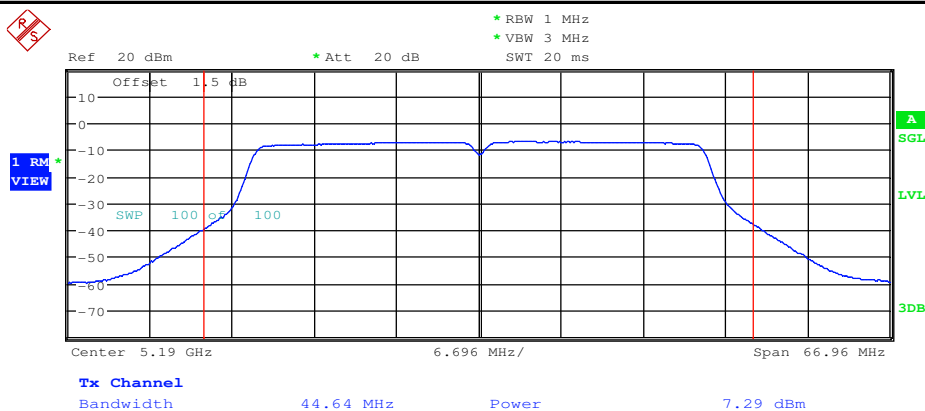
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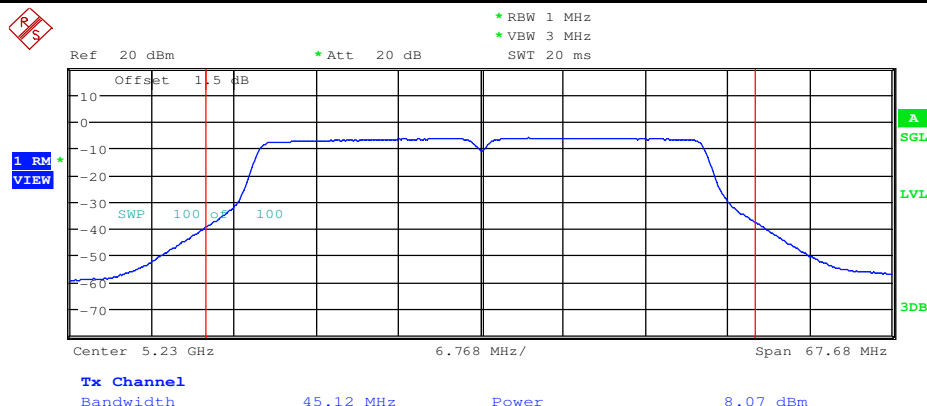


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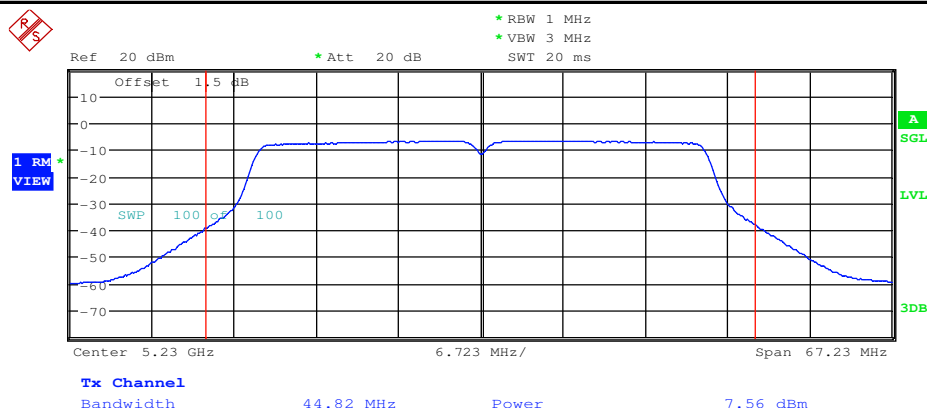
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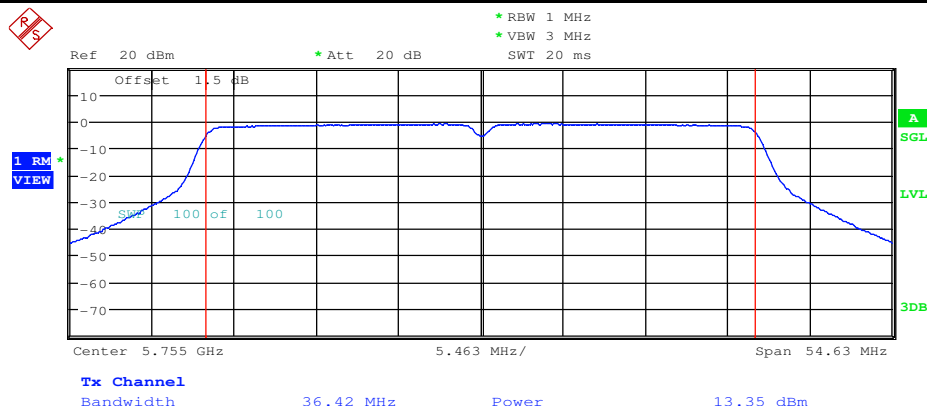
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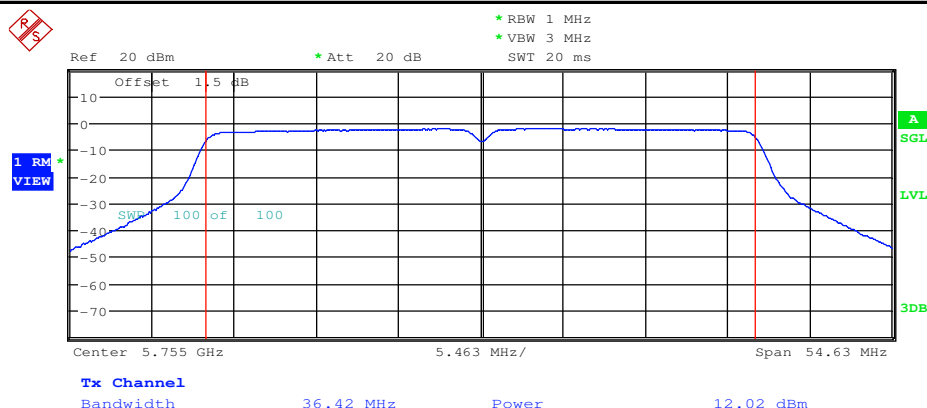
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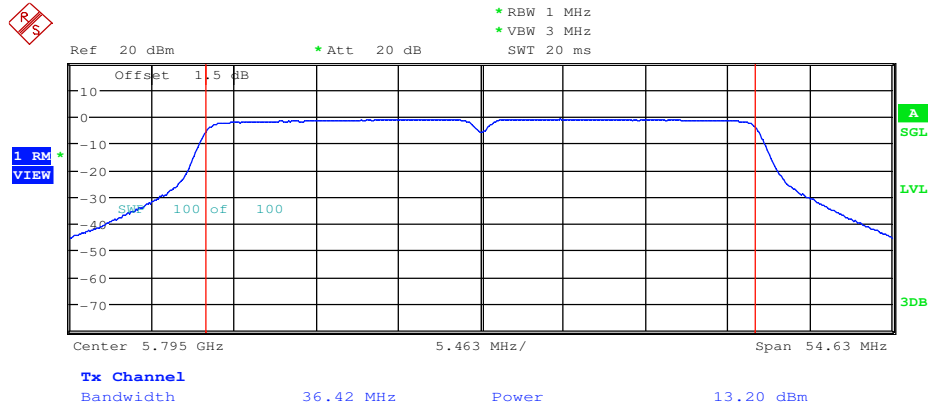
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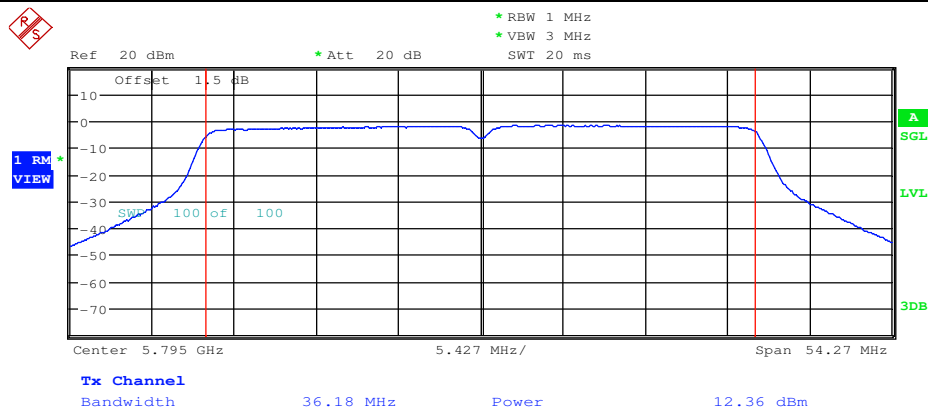
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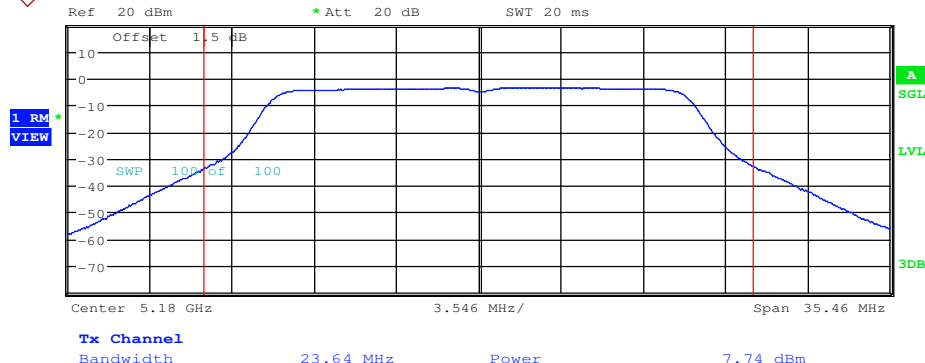
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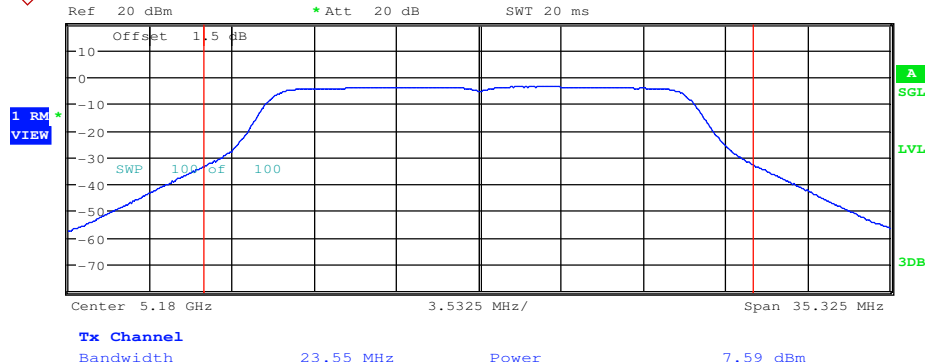
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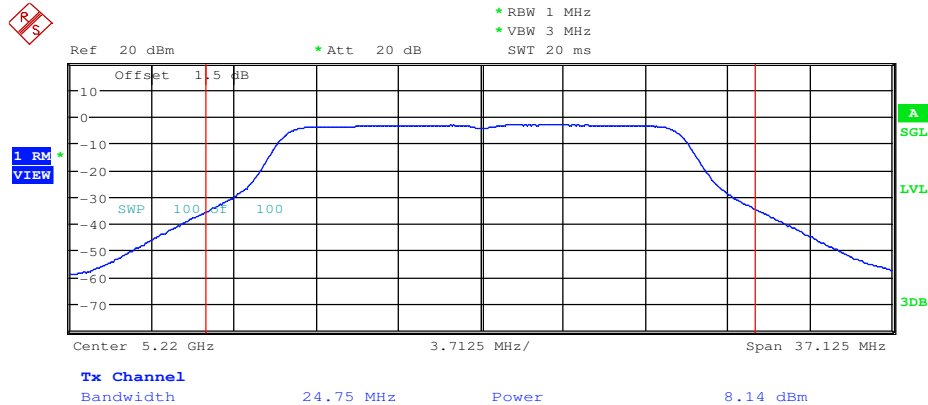


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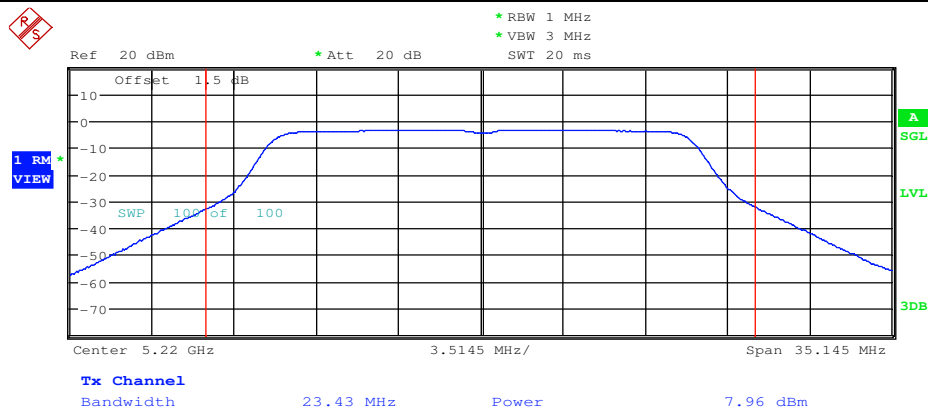
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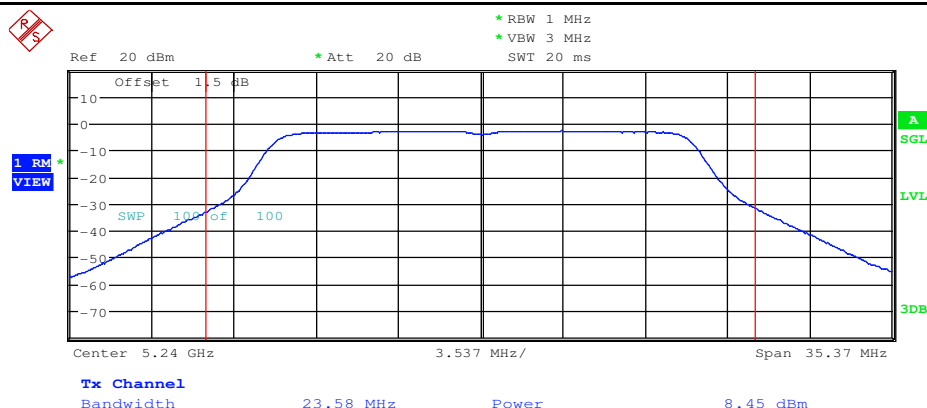
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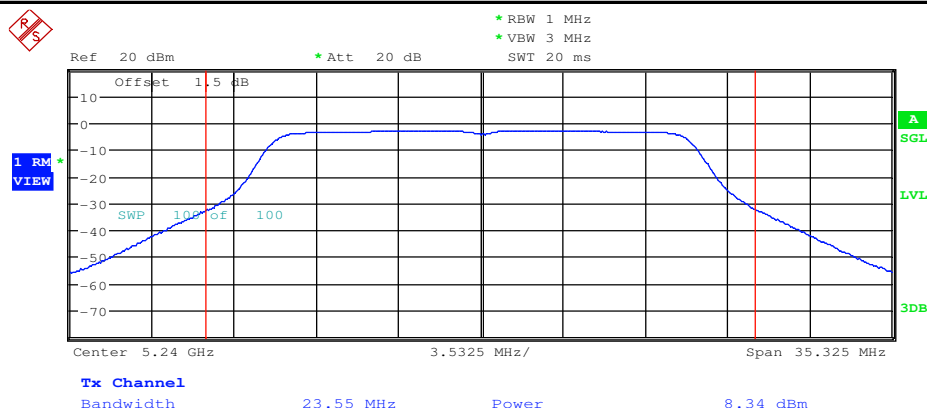
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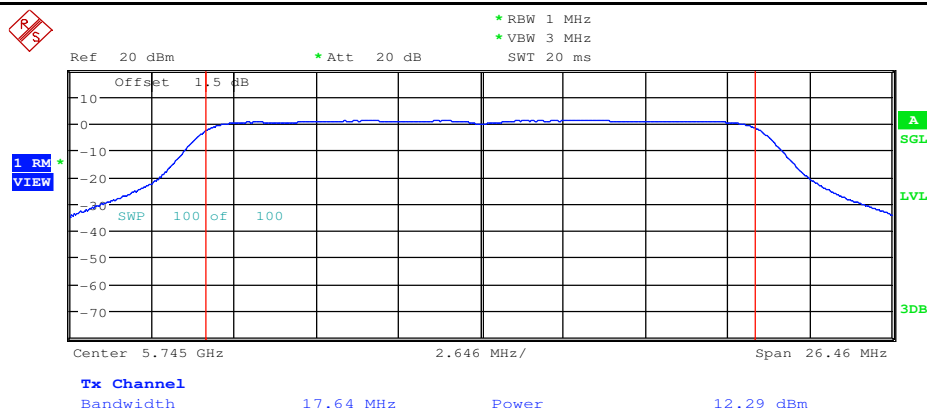
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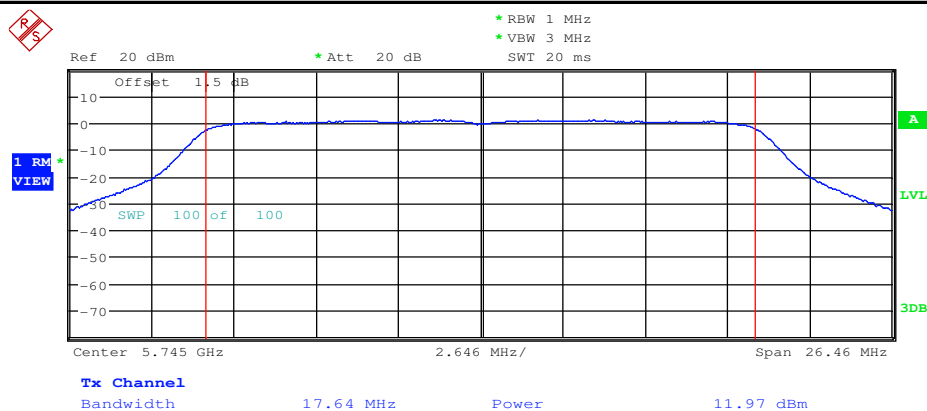
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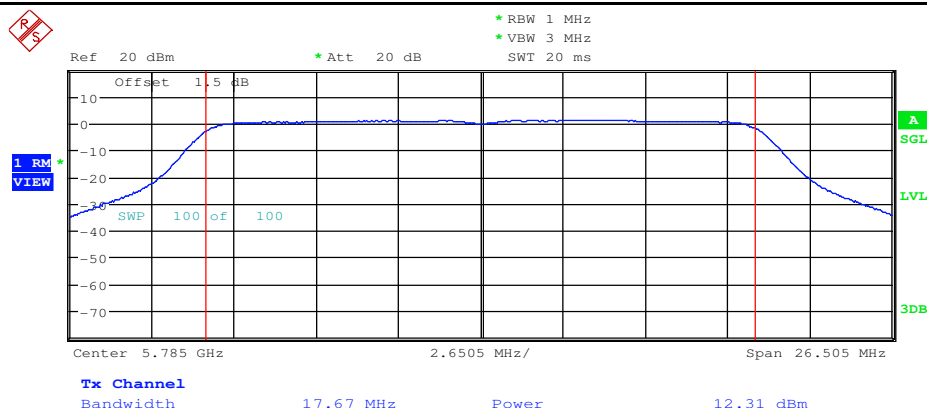


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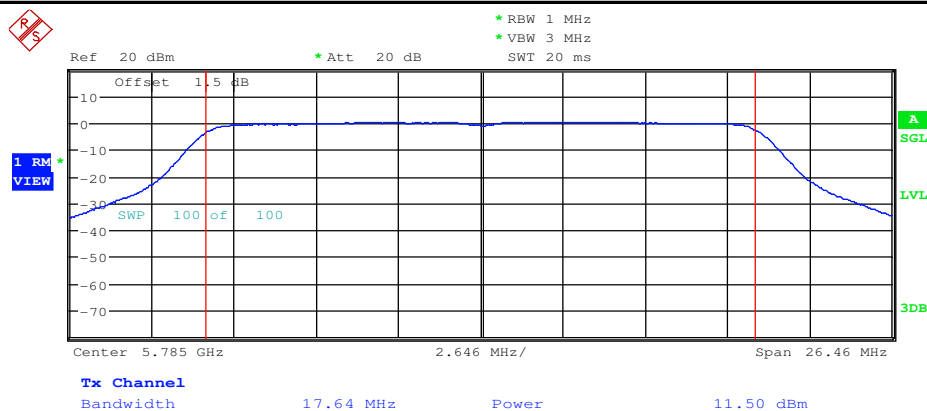


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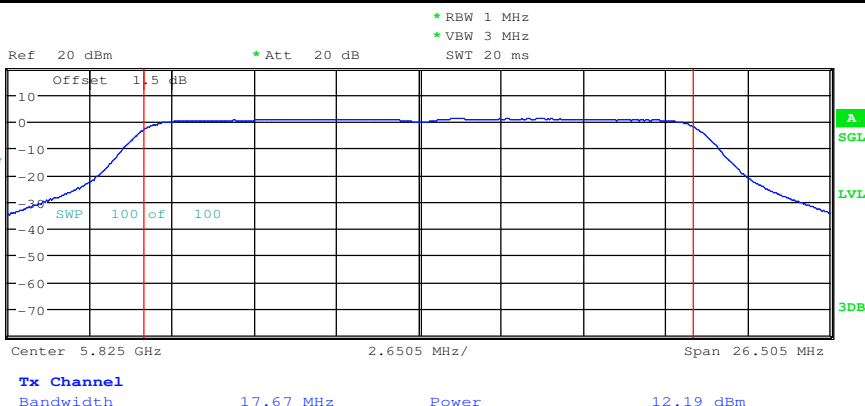


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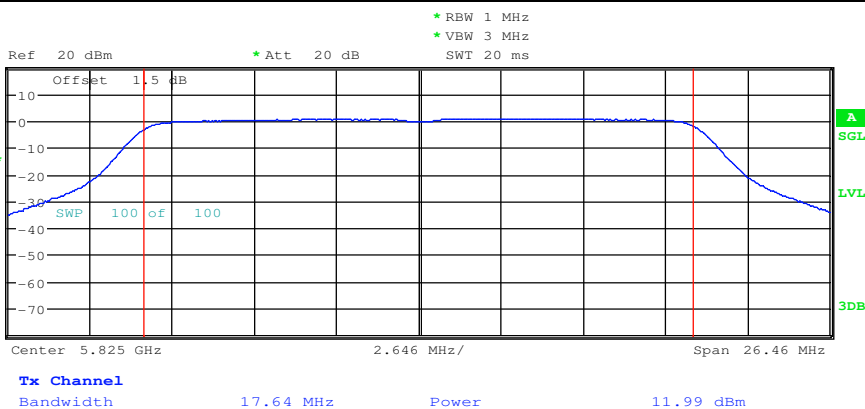


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Maximum Conduct Output Power_11AC20_5825_Ant2



Maximum Conduct Output Power_11AC80_5210_Ant1

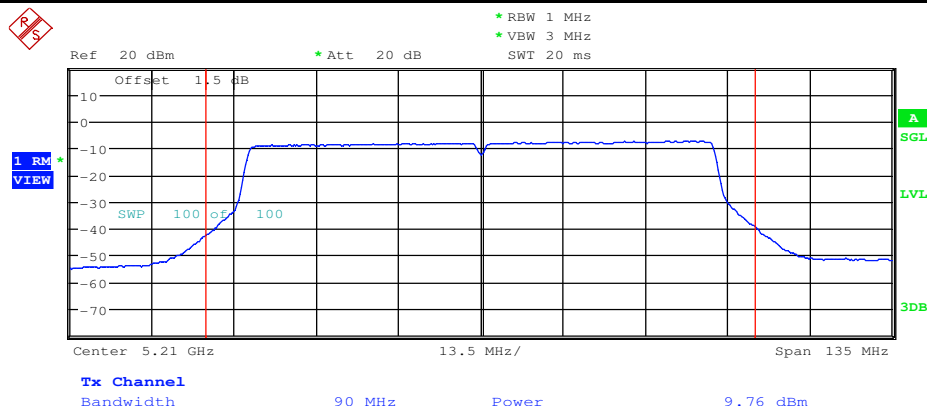


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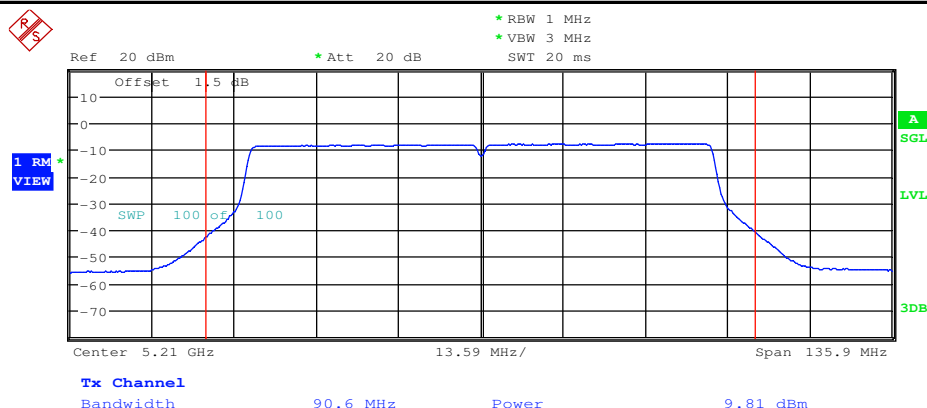
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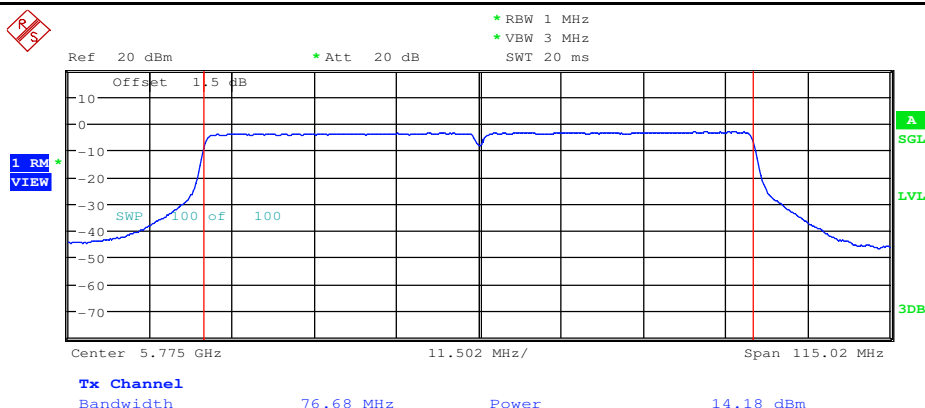
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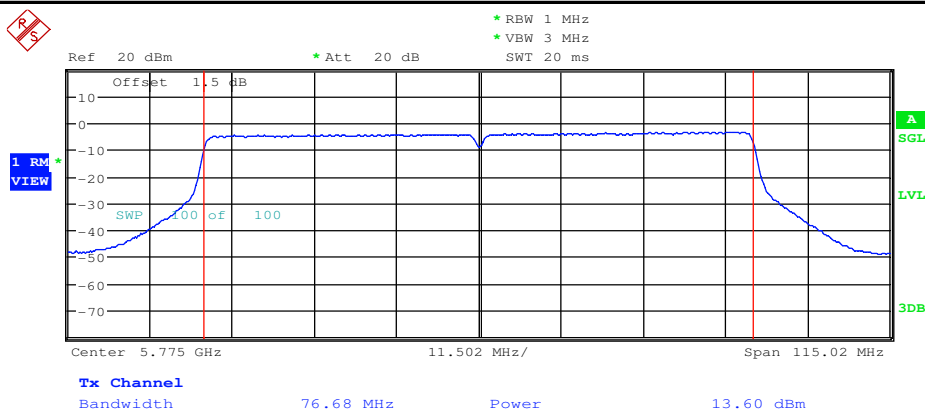
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Maximum Conduct Output Power_11AC80_5775_Ant2



Maximum Conduct Output Power_11AC40_5190_Ant1

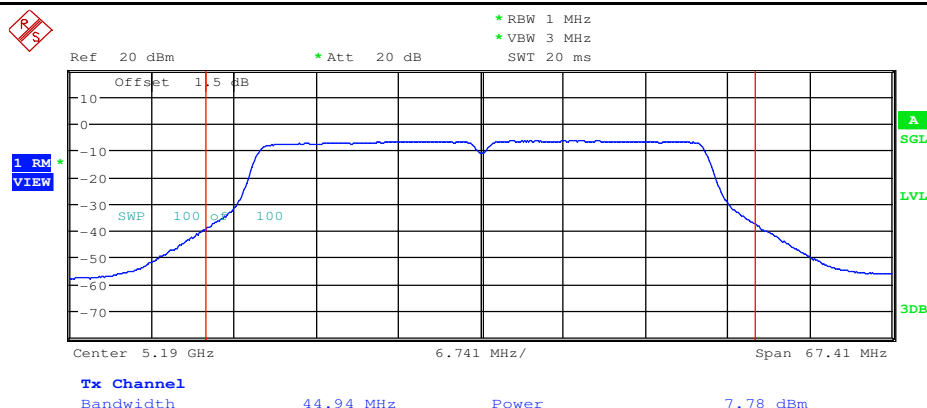


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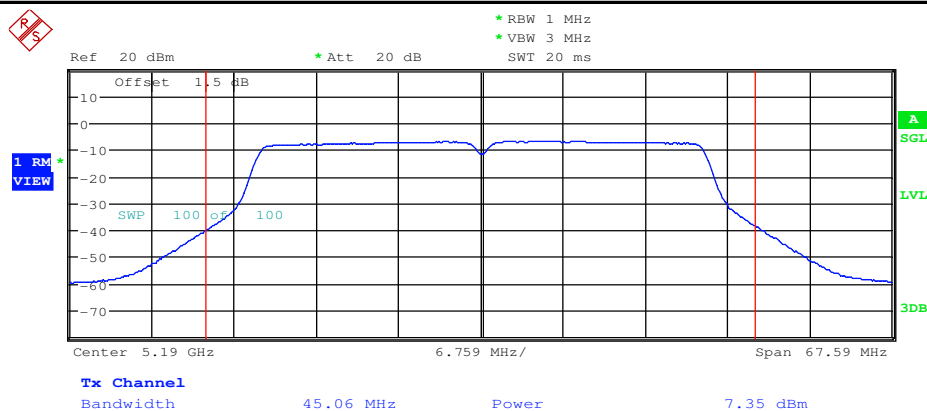
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Maximum Conduct Output Power_11AC40_5190_Ant2



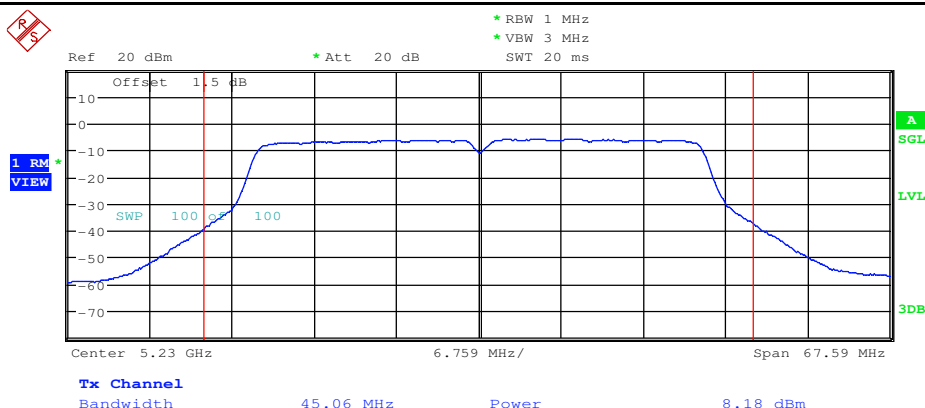
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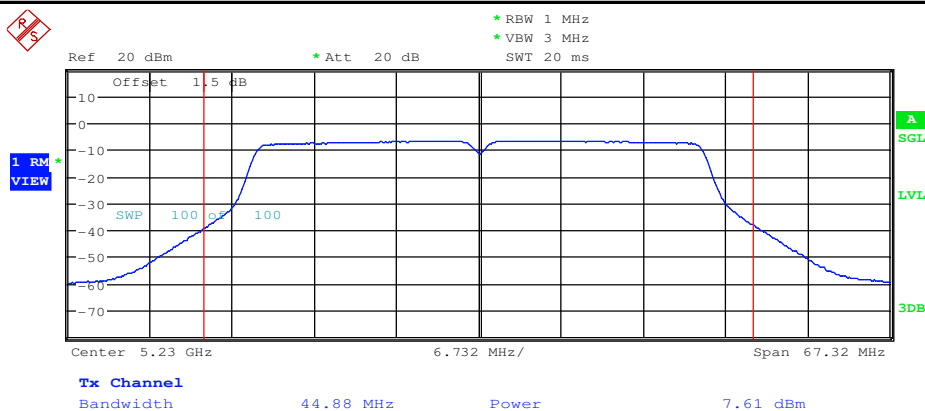
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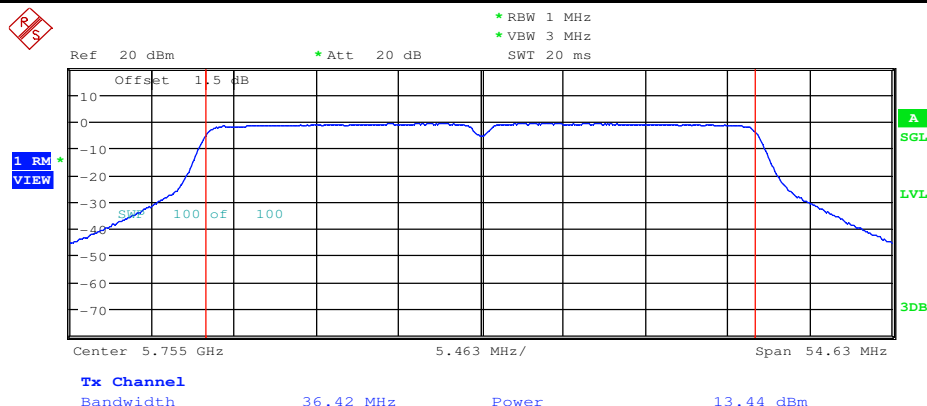
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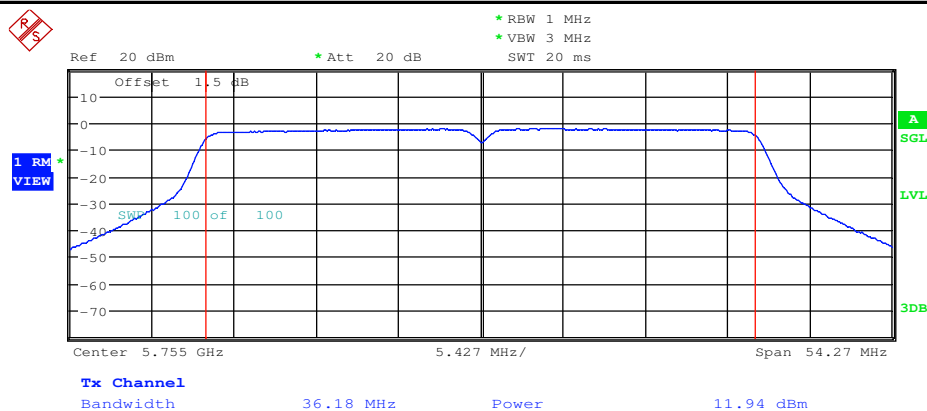
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Maximum Conduct Output Power_11AC40_5755_Ant2



Maximum Conduct Output Power_11AC40_5795_Ant1

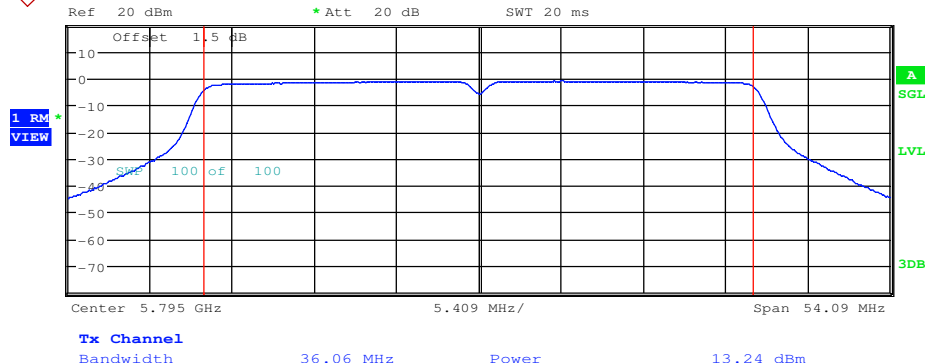


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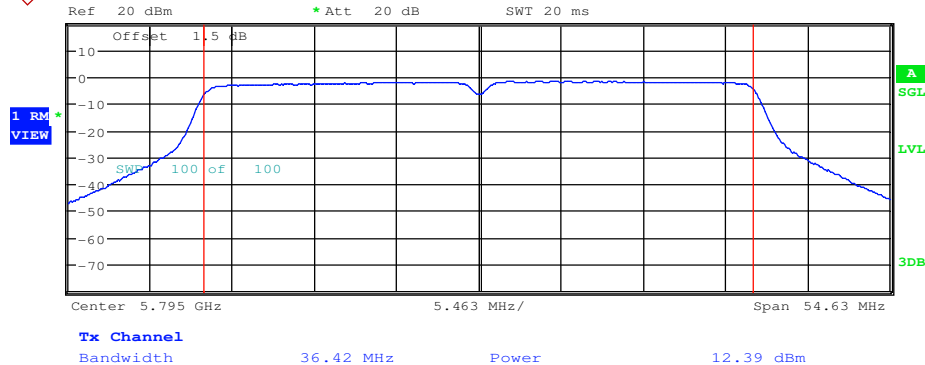
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Maximum Conduct Output Power_11AC40_5795_Ant2



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4.Maximum Power Spectral Density

Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	Ant1	3.72	0.2	3.92	<11.00	PASS
11A	5180	Ant2	3.72	0.18	3.9	<11.00	PASS
11A	5220	Ant1	4.09	0.2	4.29	<11.00	PASS
11A	5220	Ant2	4.17	0.18	4.35	<11.00	PASS
11A	5240	Ant1	4.6	0.18	4.78	<11.00	PASS
11A	5240	Ant2	4.3	0.18	4.48	<11.00	PASS
11N20	5180	Ant1	-2.35	0.09	-2.26	<11.00	PASS
11N20	5180	Ant2	-2.33	0.09	-2.24	<11.00	PASS
11N20	5220	Ant1	-1.78	0.09	-1.69	<11.00	PASS
11N20	5220	Ant2	-2.02	0.09	-1.93	<11.00	PASS
11N20	5240	Ant1	-1.72	0.09	-1.63	<11.00	PASS
11N20	5240	Ant2	-1.55	0.09	-1.46	<11.00	PASS
11N40	5190	Ant1	-5.25	0.15	-5.1	<11.00	PASS
11N40	5190	Ant2	-5.38	0.16	-5.22	<11.00	PASS
11N40	5230	Ant1	-4.69	0	-4.69	<11.00	PASS
11N40	5230	Ant2	-5.27	0.16	-5.11	<11.00	PASS
11AC20	5180	Ant1	-2.23	0.09	-2.14	<11.00	PASS
11AC20	5180	Ant2	-2.41	0.09	-2.32	<11.00	PASS
11AC20	5220	Ant1	-1.89	0.1	-1.79	<11.00	PASS
11AC20	5220	Ant2	-1.78	0.09	-1.69	<11.00	PASS
11AC20	5240	Ant1	-1.5	0.09	-1.41	<11.00	PASS
11AC20	5240	Ant2	-1.56	0.09	-1.47	<11.00	PASS
11AC80	5210	Ant1	-5.8	0.32	-5.48	<11.00	PASS
11AC80	5210	Ant2	-6.12	0.31	-5.81	<11.00	PASS
11AC40	5190	Ant1	-5.22	0.18	-5.04	<11.00	PASS
11AC40	5190	Ant2	-5.56	0.16	-5.4	<11.00	PASS
11AC40	5230	Ant1	-4.56	0.18	-4.38	<11.00	PASS
11AC40	5230	Ant2	-5.35	0.16	-5.19	<11.00	PASS

Test Mode	Test Channel	Ant	Level [dBm/500kHz]	10log(1/x) Factor[dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant 1	2.6	0.2	0	2.8	<17.00	PASS
11A	5745	Ant 2	1.68	0.18	0	1.86	<17.00	PASS
11A	5785	Ant 1	2.56	0.2	0	2.76	<17.00	PASS
11A	5785	Ant 2	1.71	0.19	0	1.9	<17.00	PASS
11A	5825	Ant 1	2.36	0.18	0	2.54	<17.00	PASS
11A	5825	Ant 2	2.25	0.19	0	2.44	<17.00	PASS
11N20	5745	Ant 1	0.56	0.09	0	0.65	<17.00	PASS
11N20	5745	Ant 2	-0.45	0.09	0	-0.36	<17.00	PASS
11N20	5785	Ant 1	0.45	0.09	0	0.54	<17.00	PASS
11N20	5785	Ant 2	-0.13	0.09	0	-0.04	<17.00	PASS
11N20	5825	Ant 1	0.46	0.09	0	0.55	<17.00	PASS
11N20	5825	Ant 2	0.39	0.09	0	0.48	<17.00	PASS
11N40	5755	Ant 1	-1.01	0.16	0	-0.85	<17.00	PASS
11N40	5755	Ant 2	-2.4	0.16	0	-2.24	<17.00	PASS
11N40	5795	Ant 1	-1.26	0.16	0	-1.1	<17.00	PASS
11N40	5795	Ant 2	-2.12	0.16	0	-1.96	<17.00	PASS
11AC20	5745	Ant 1	0.83	0.09	0	0.92	<17.00	PASS
11AC20	5745	Ant 2	-0.14	0.1	0	-0.04	<17.00	PASS
11AC2	5785	Ant	0.96	0.09	0	1.05	<17.00	PASS

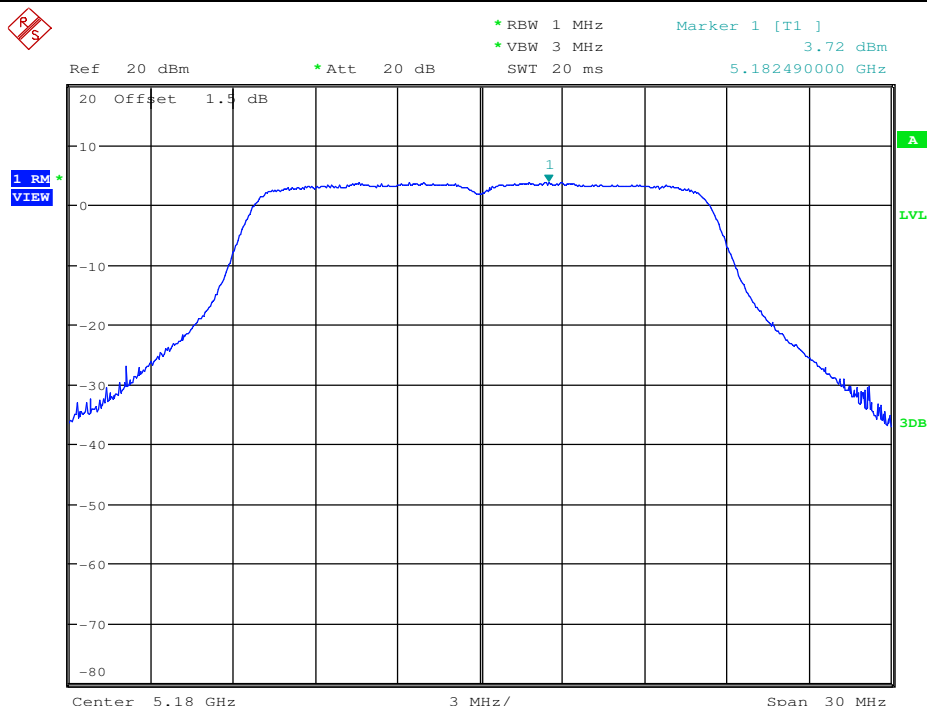


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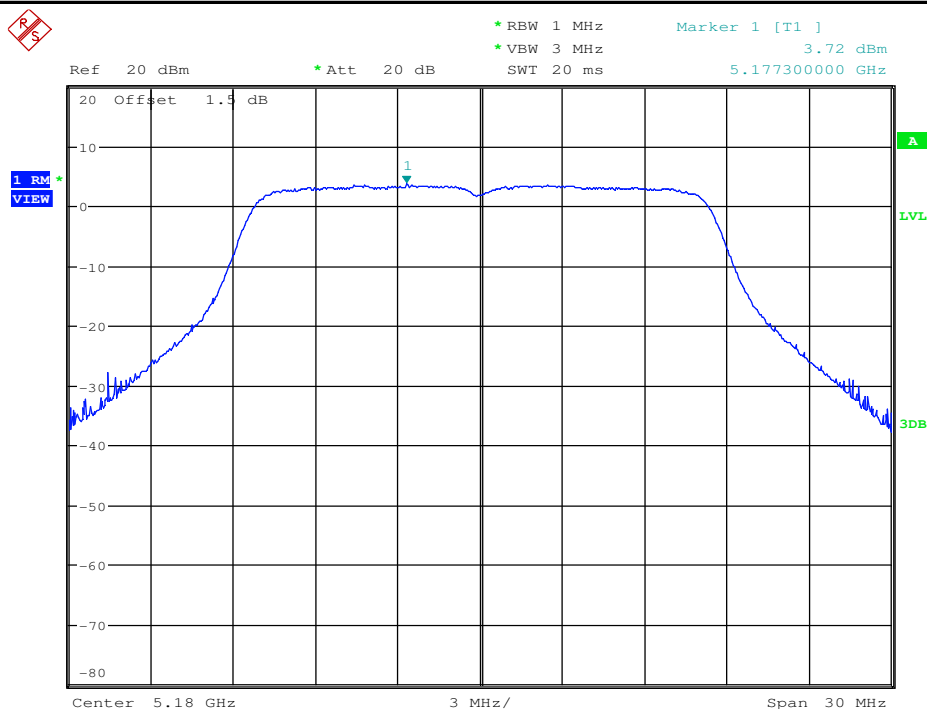
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0		1						
11AC2 0	5785	Ant 2	0.01	0.09	0	0.1	<17.00	PASS
11AC2 0	5825	Ant 1	0.83	0.09	0	0.92	<17.00	PASS
11AC2 0	5825	Ant 2	0.03	0.09	0	0.12	<17.00	PASS
11AC8 0	5775	Ant 1	-3.34	0.33	0	-3.01	<17.00	PASS
11AC8 0	5775	Ant 2	-3.61	0.32	0	-3.29	<17.00	PASS
11AC4 0	5755	Ant 1	-1.04	0.18	0	-0.86	<17.00	PASS
11AC4 0	5755	Ant 2	-2.55	0.16	0	-2.39	<17.00	PASS
11AC4 0	5795	Ant 1	-1.39	0.18	0	-1.21	<17.00	PASS
11AC4 0	5795	Ant 2	-1.8	0.18	0	-1.62	<17.00	PASS

Maximum Power Spectral Density_TNVN_11A_5180_Ant1



Maximum Power Spectral Density_TNVN_11A_5180_Ant2

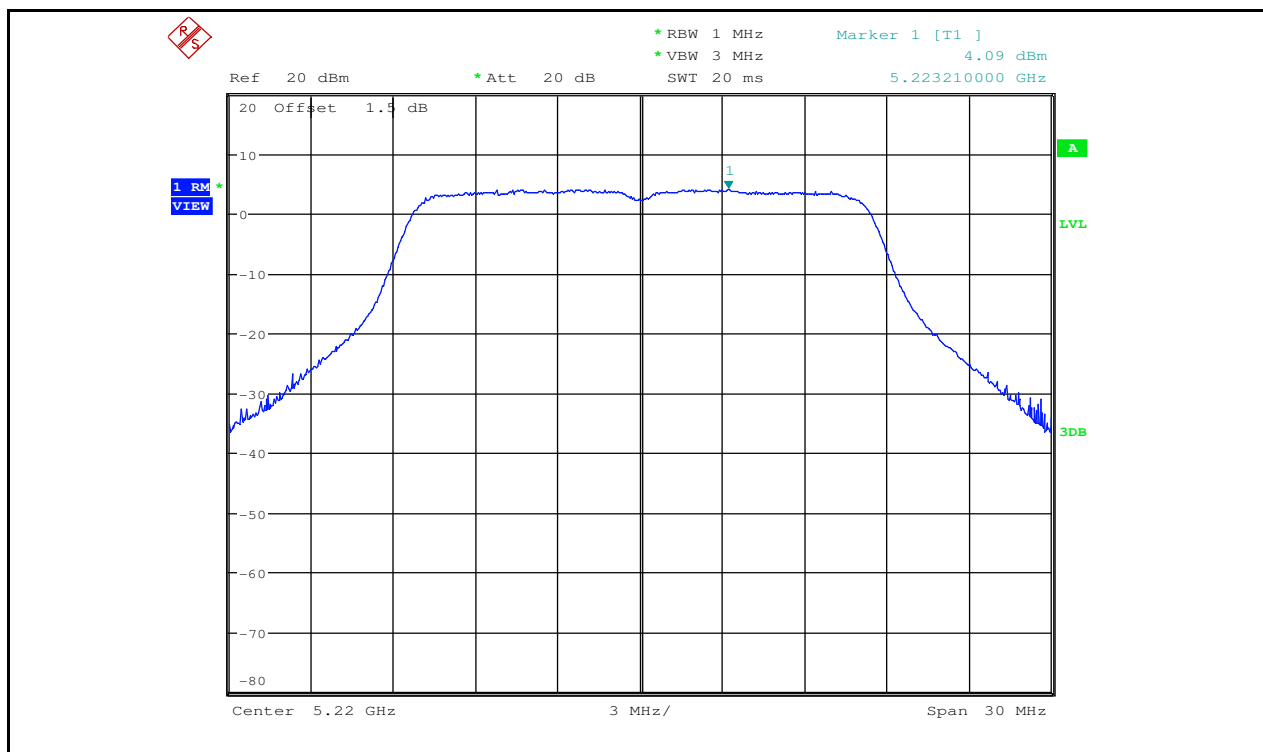


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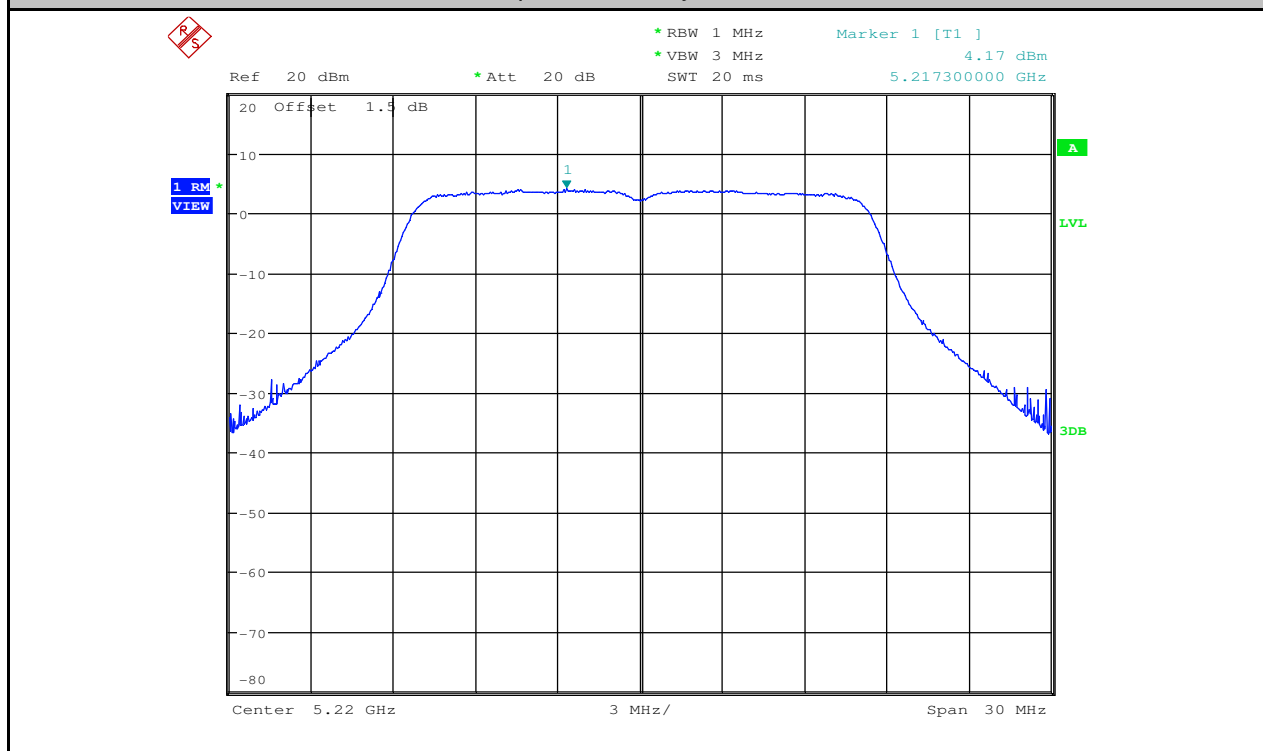
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Maximum Power Spectral Density_TNVN_11A_5220_Ant2



Maximum Power Spectral Density_TNVN_11A_5240_Ant1

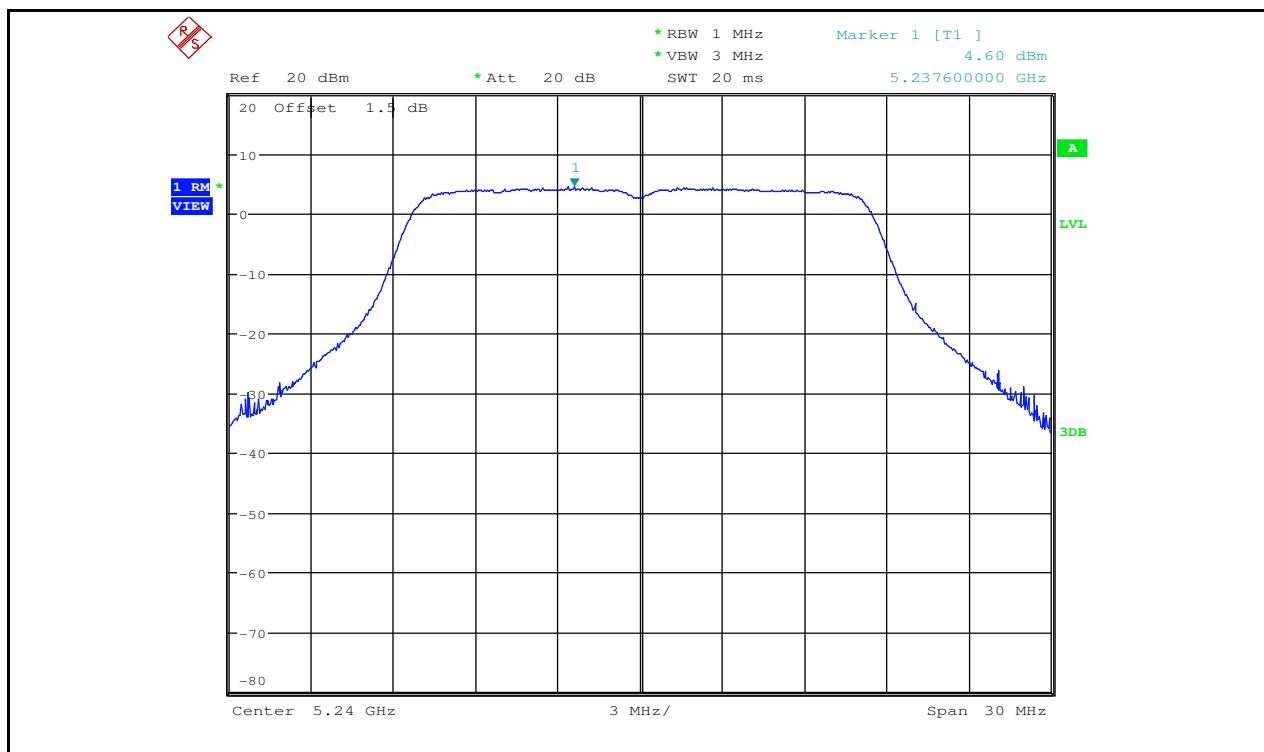


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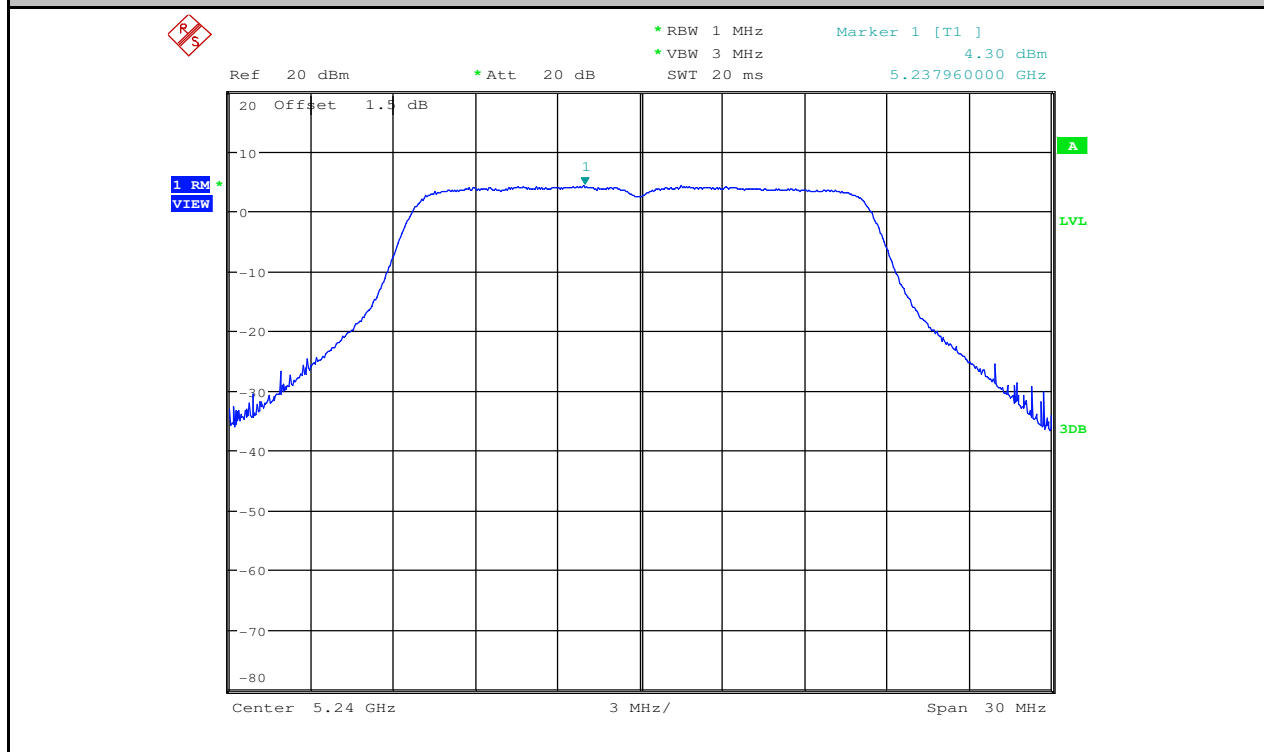
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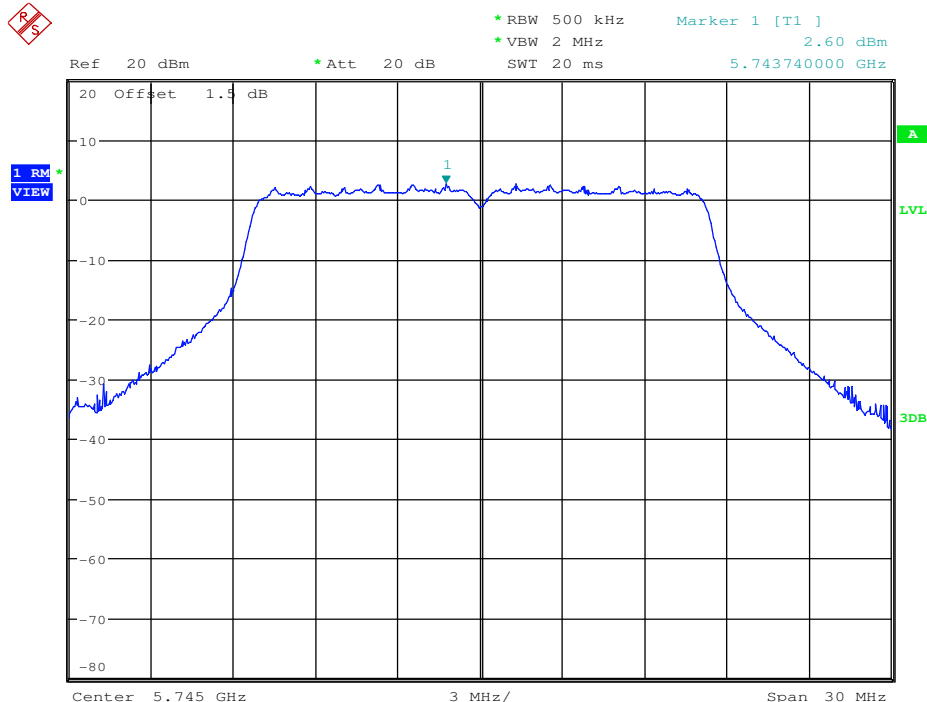
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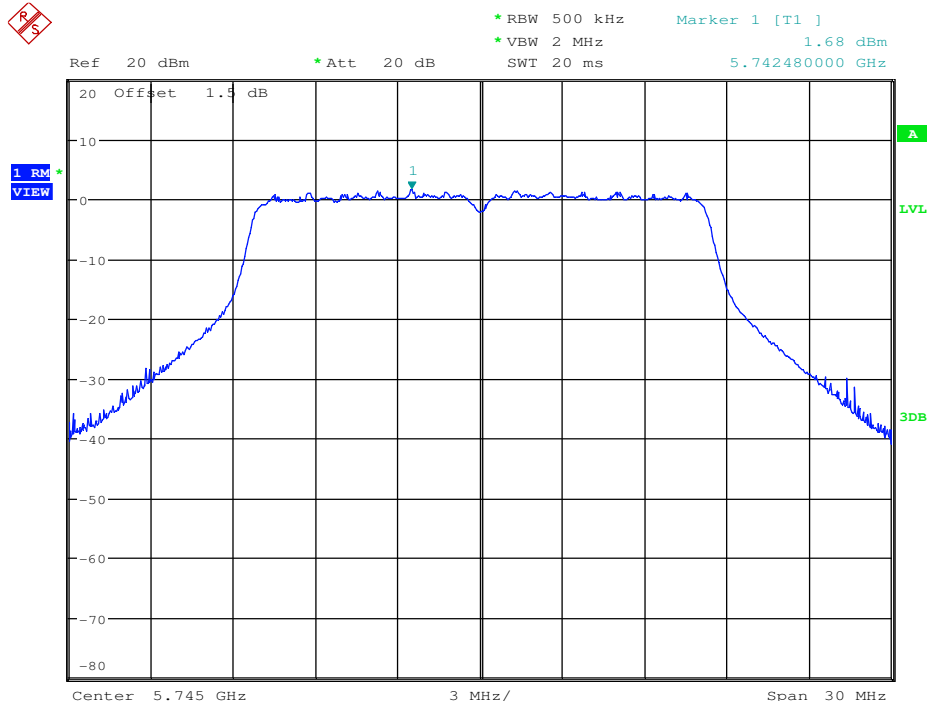
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Maximum Power Spectral Density_TNVN_11A_5745_Ant1



Maximum Power Spectral Density_TNVN_11A_5745_Ant2



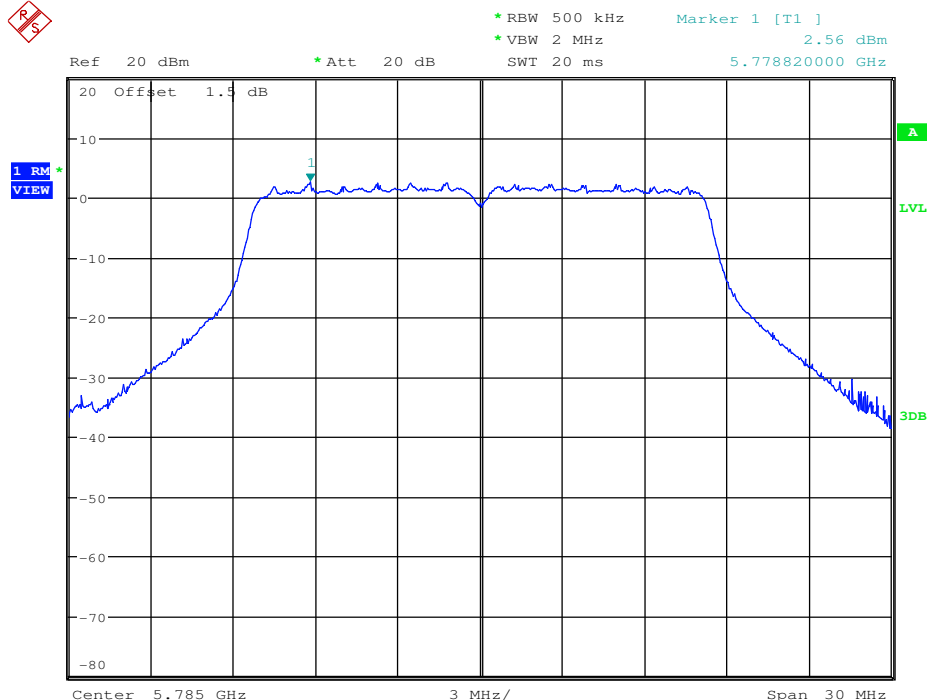
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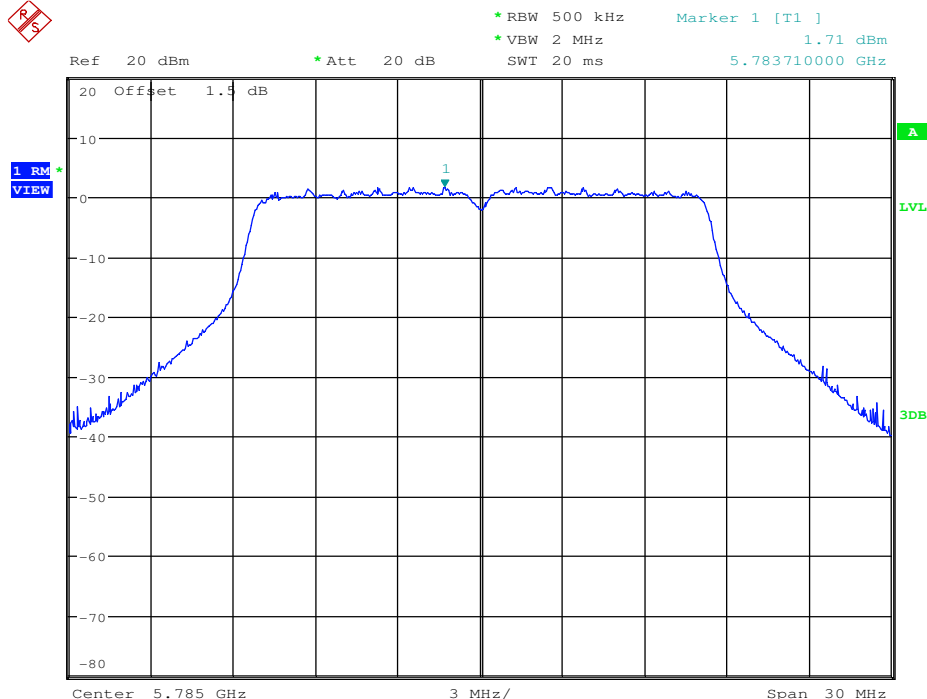
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Maximum Power Spectral Density_TNVN_11A_5785_Ant2



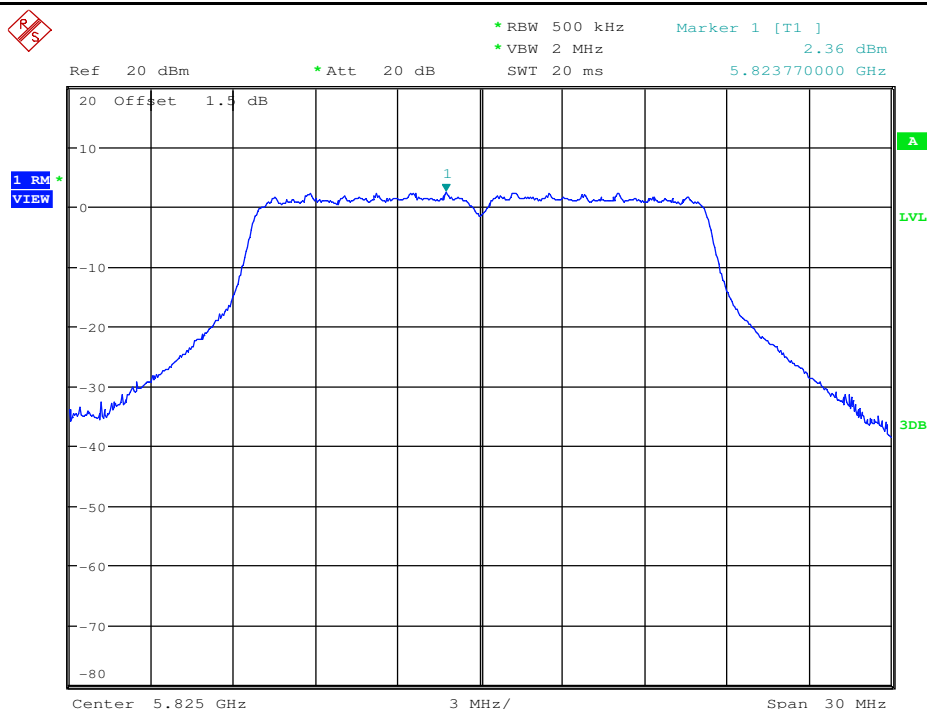
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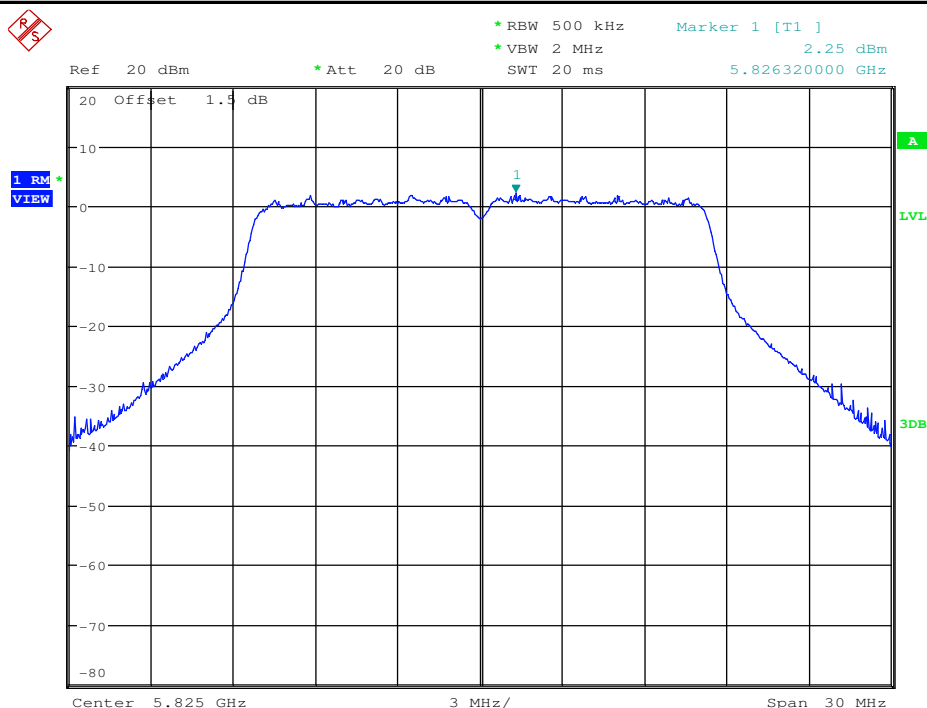
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Maximum Power Spectral Density_TNVN_11A_5825_Ant2



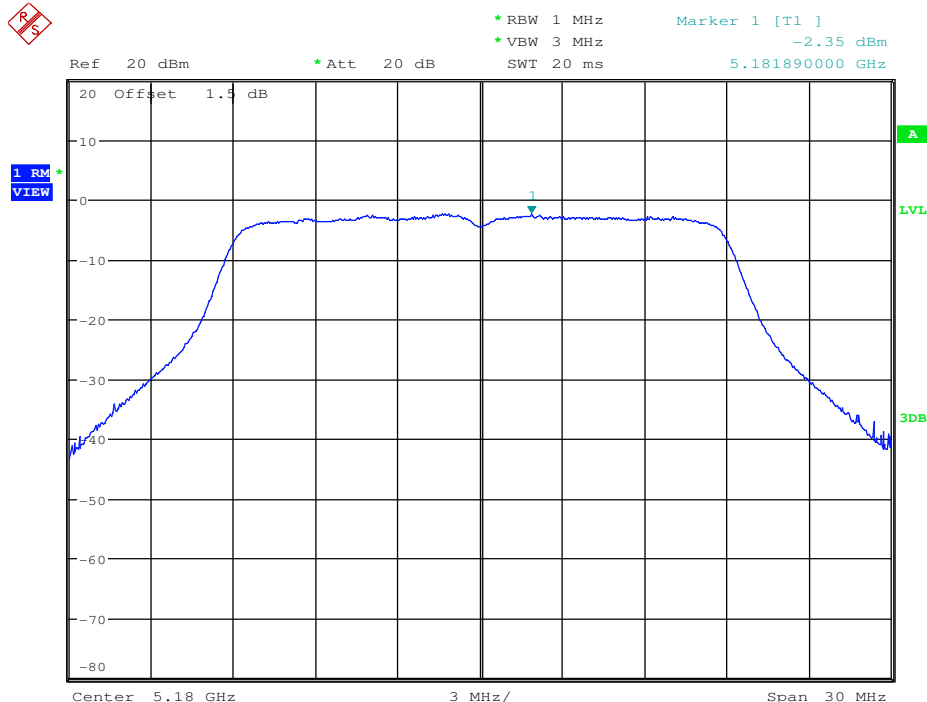
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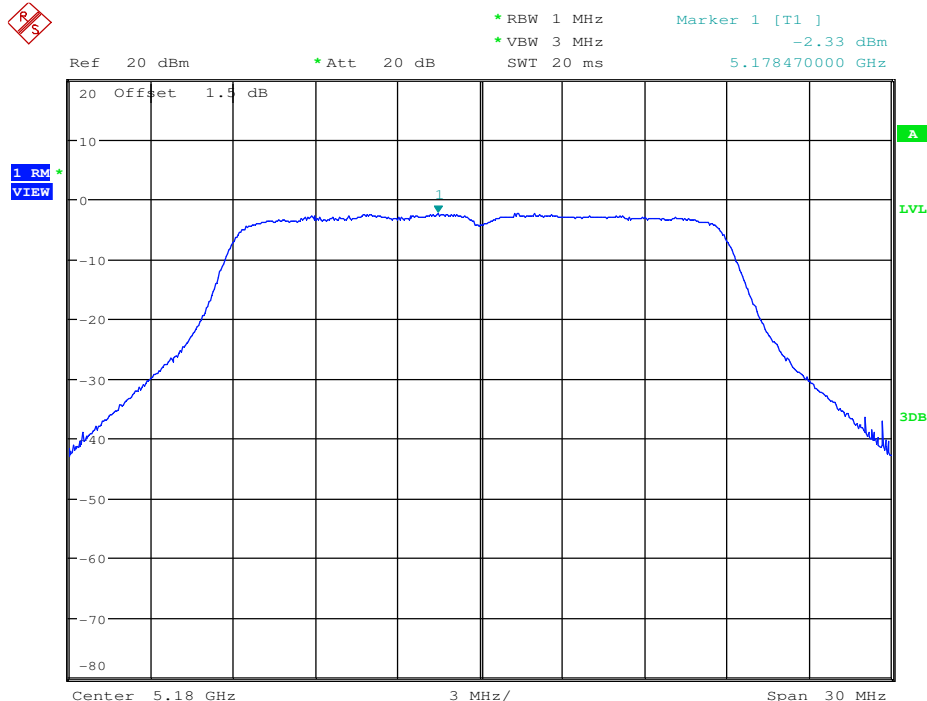
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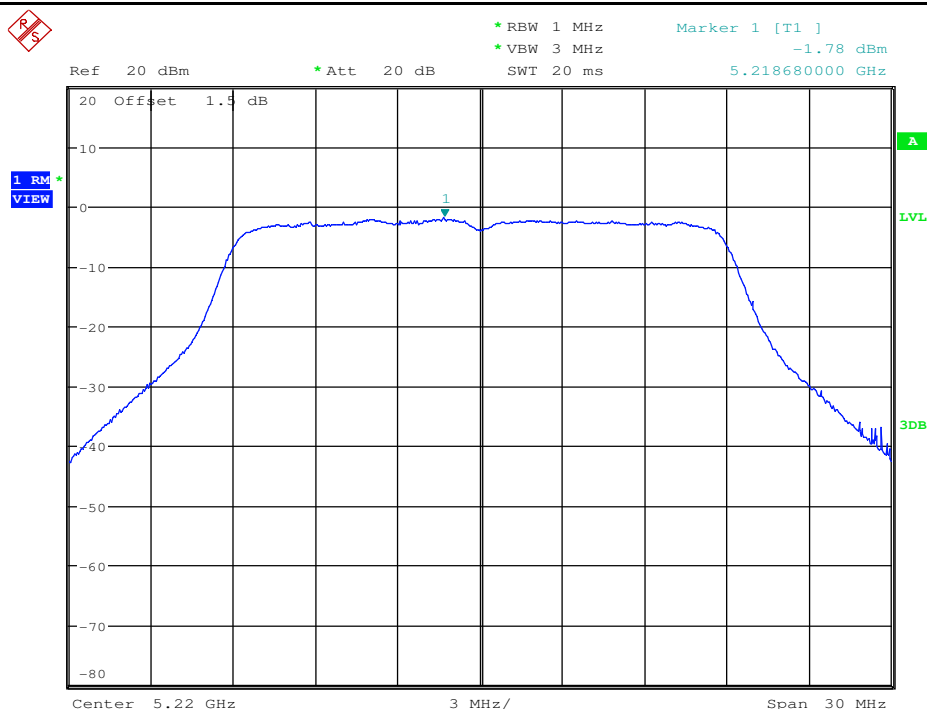
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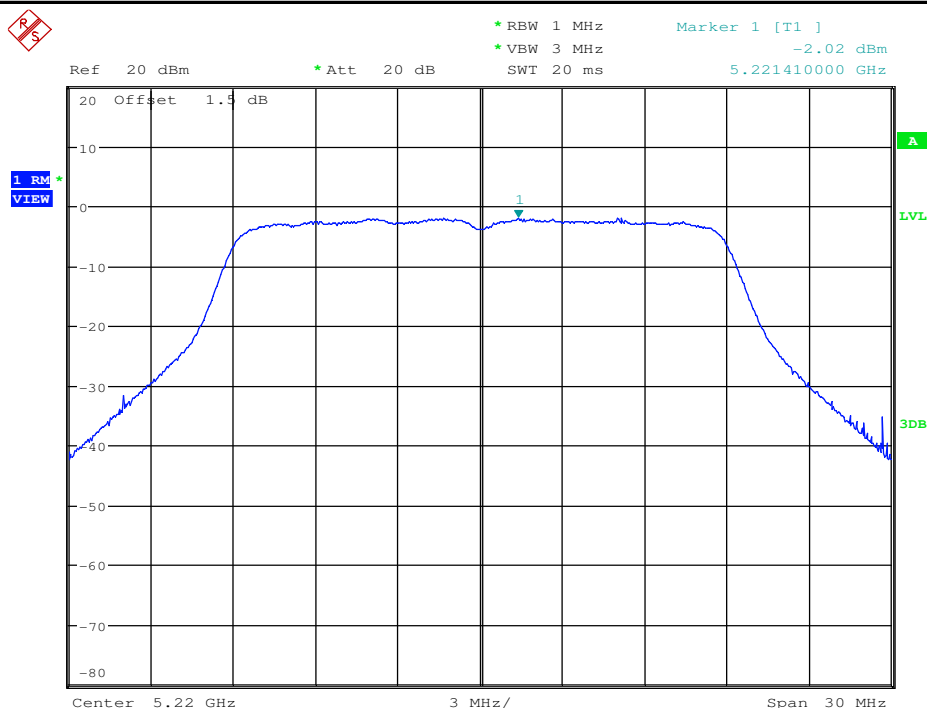
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Maximum Power Spectral Density_TNVN_11N20_5240_Ant1

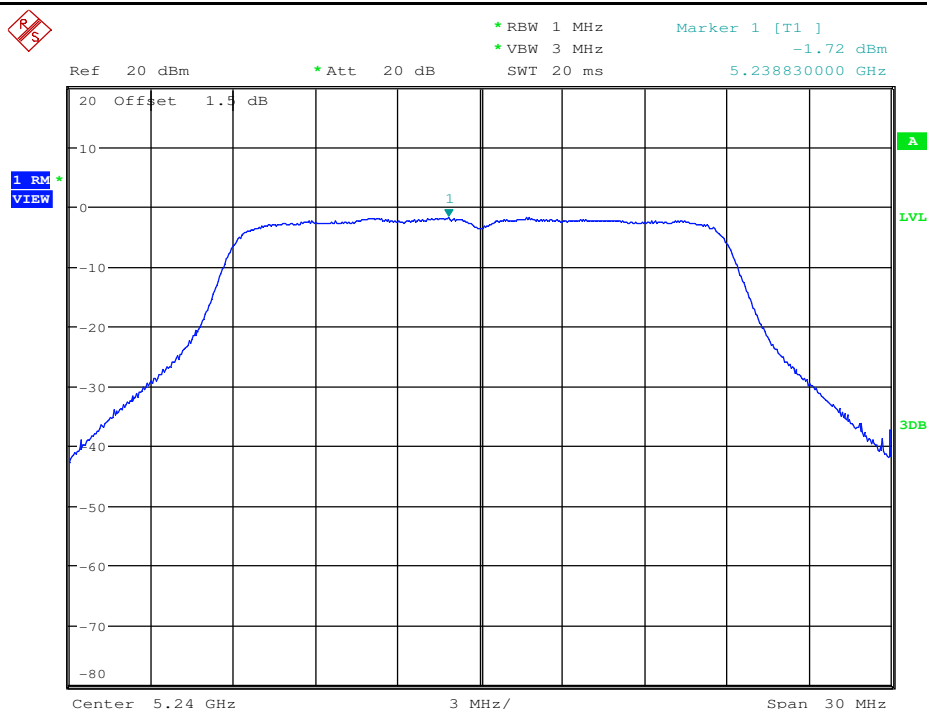


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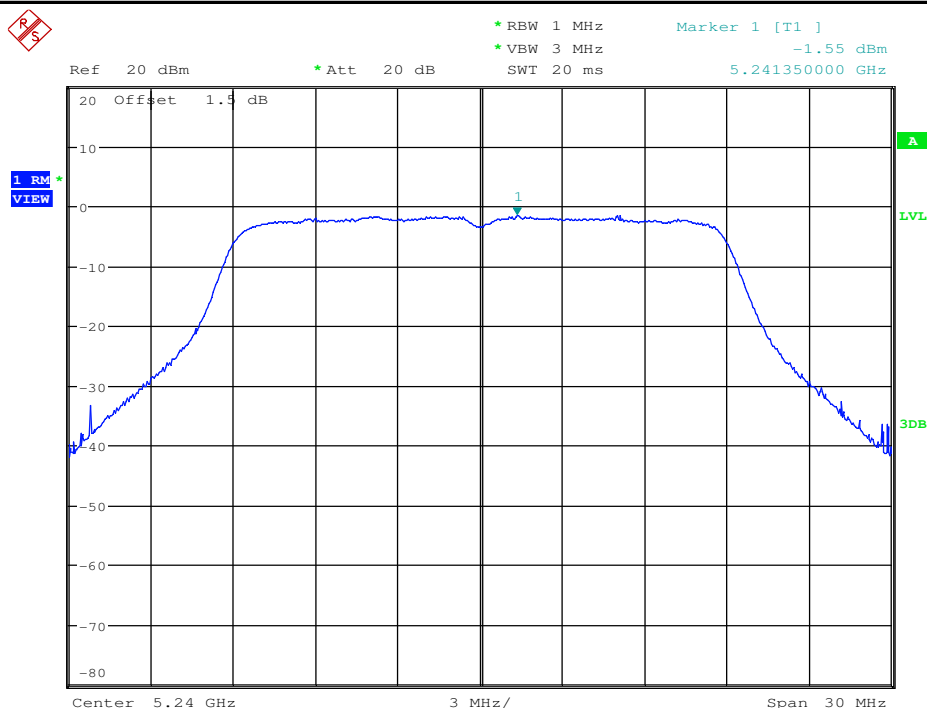
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Maximum Power Spectral Density_TNVN_11N20_5240_Ant2



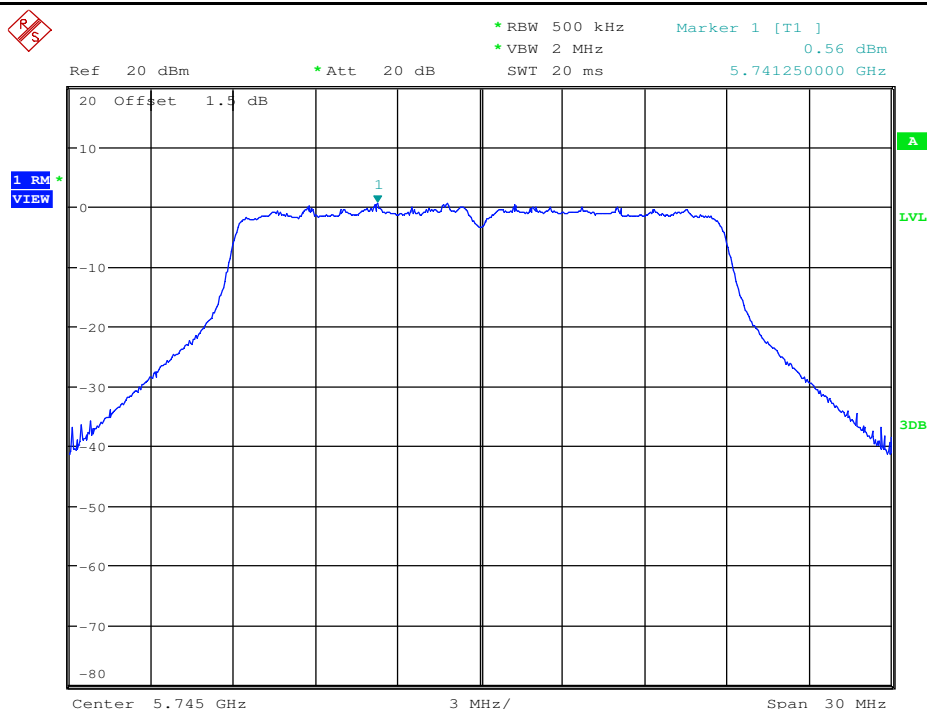
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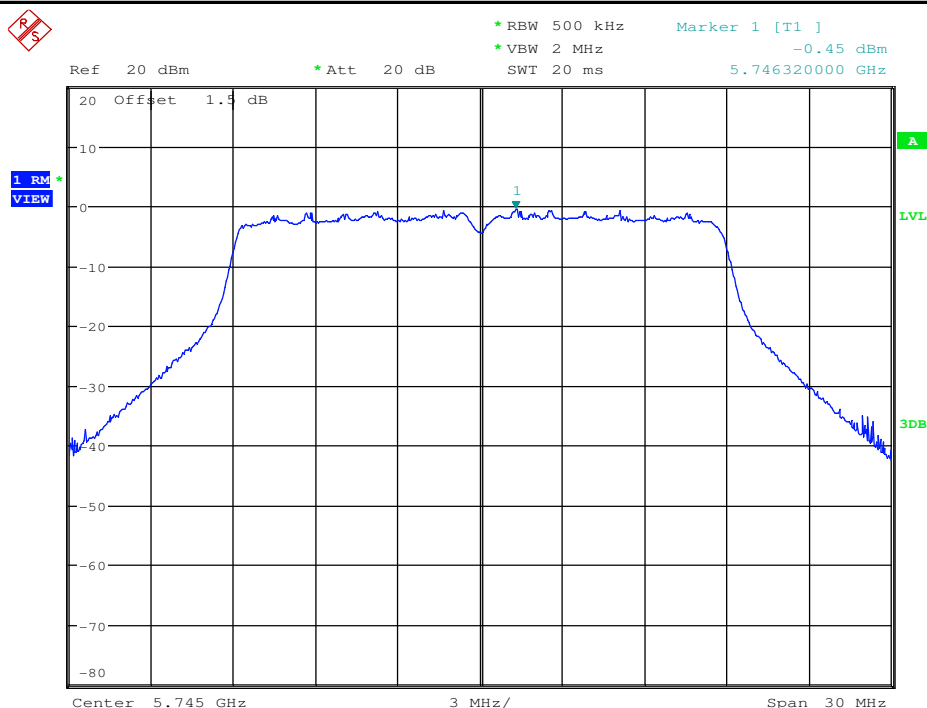
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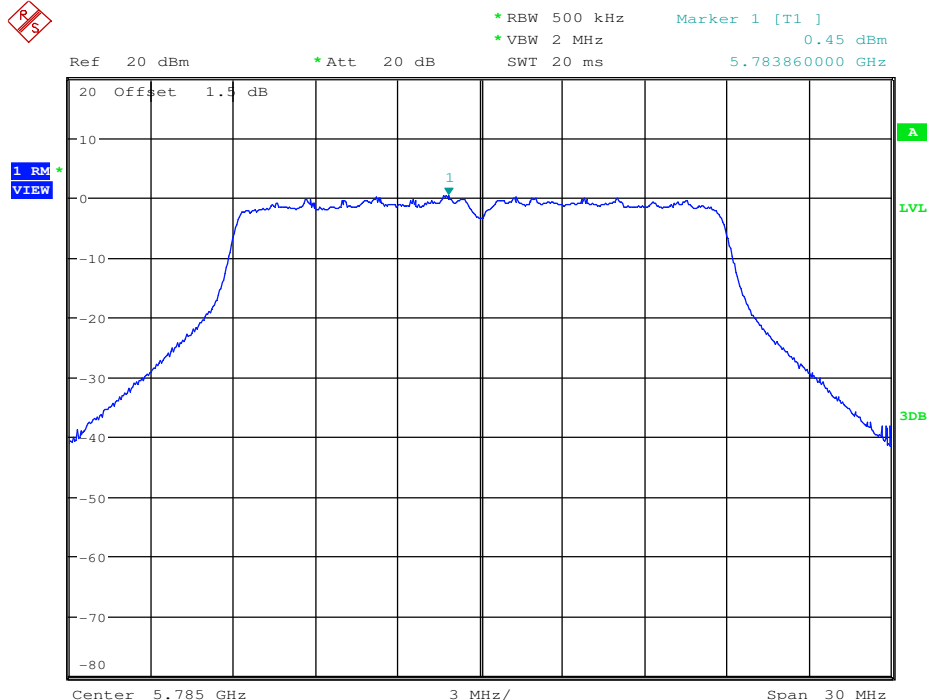


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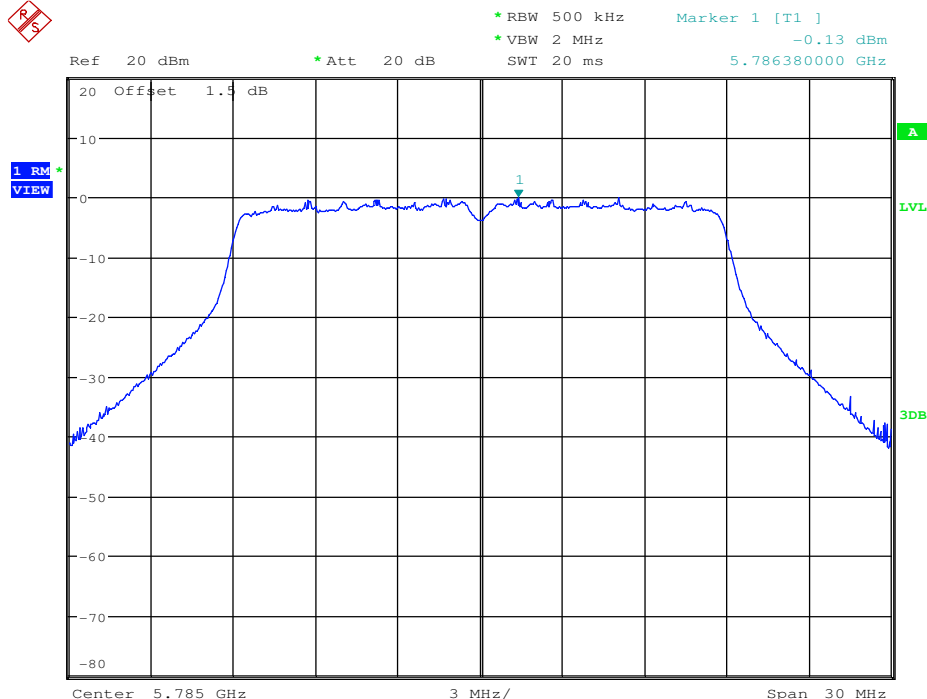


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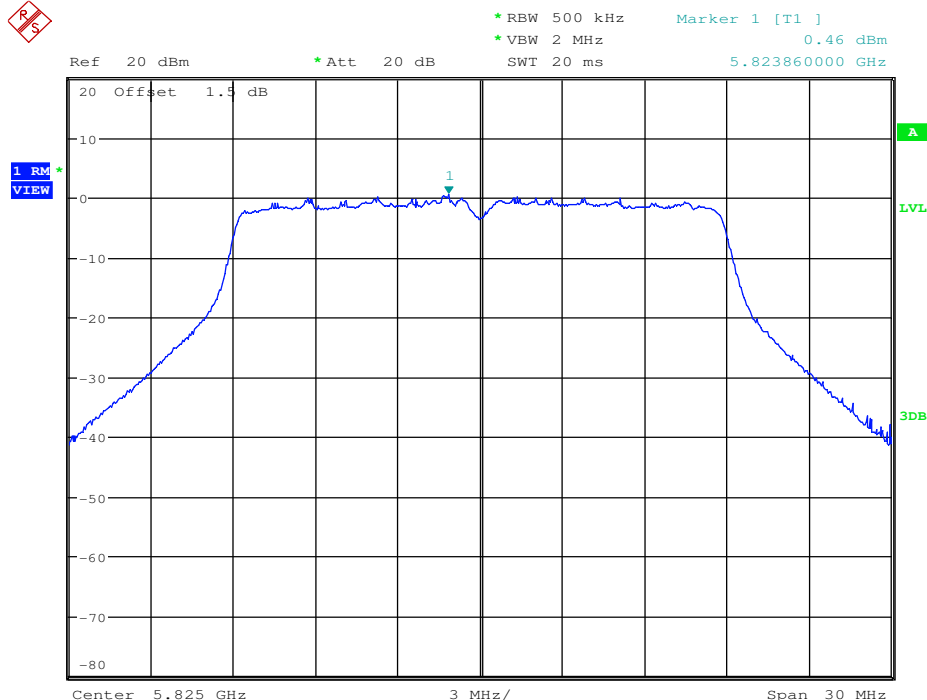


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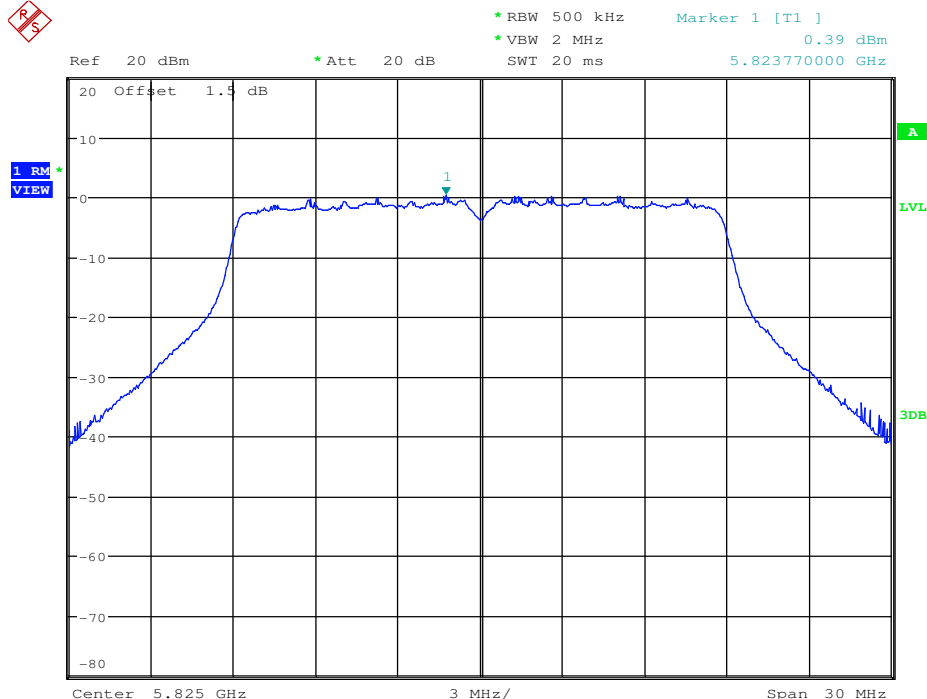


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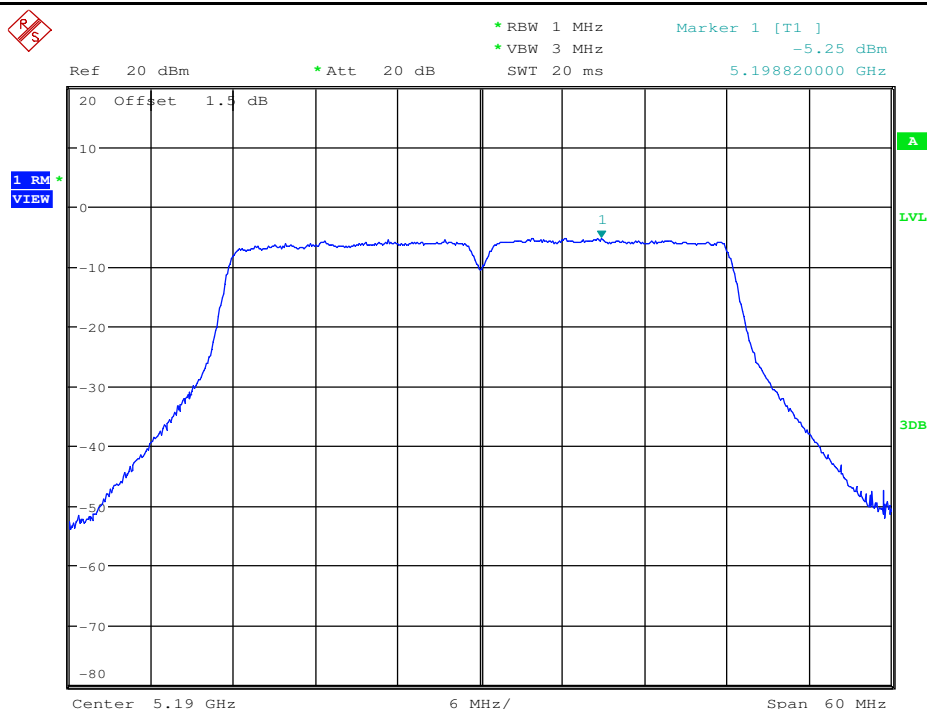


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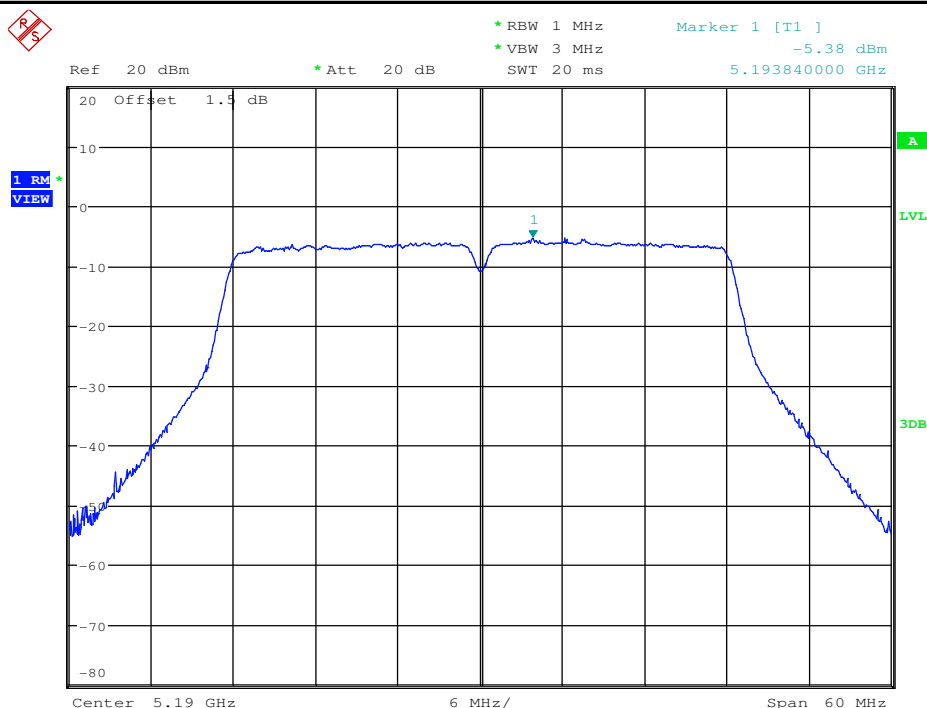
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Maximum Power Spectral Density_TNVN_11N40_5190_Ant2



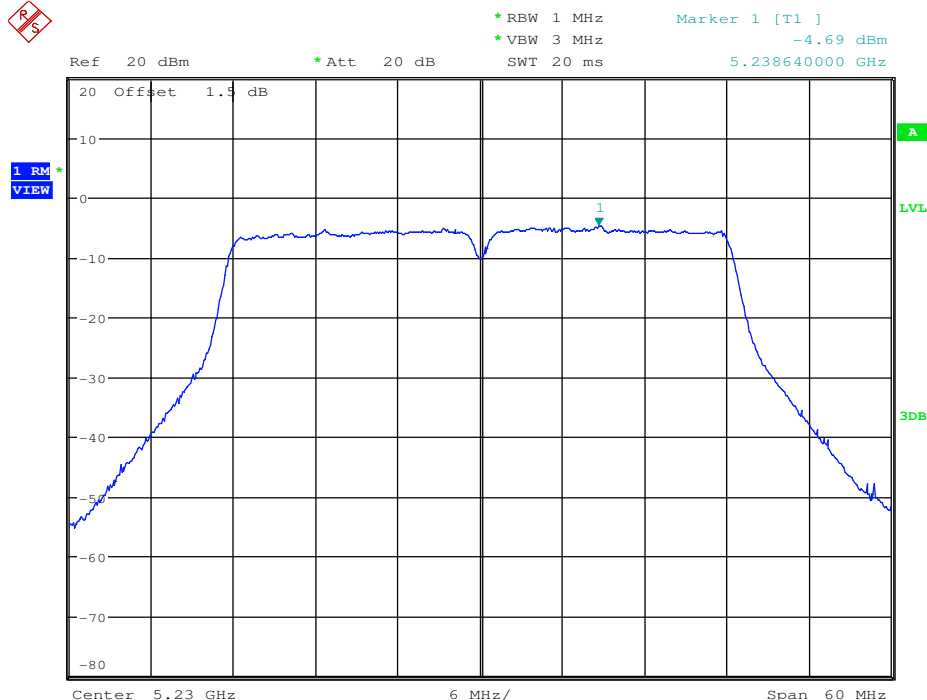
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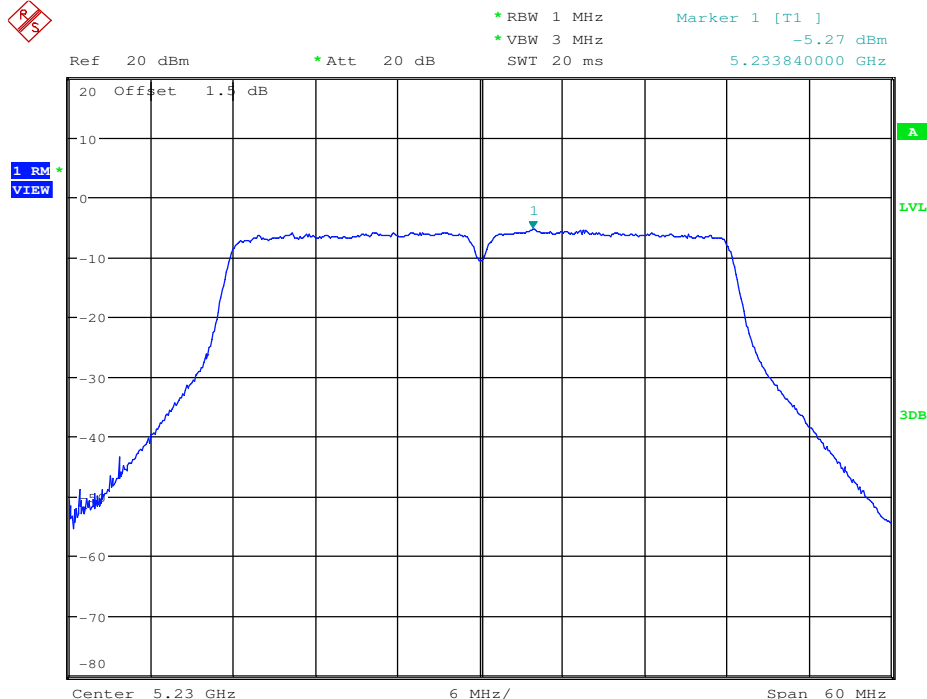
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Maximum Power Spectral Density_TNVN_11N40_5230_Ant2



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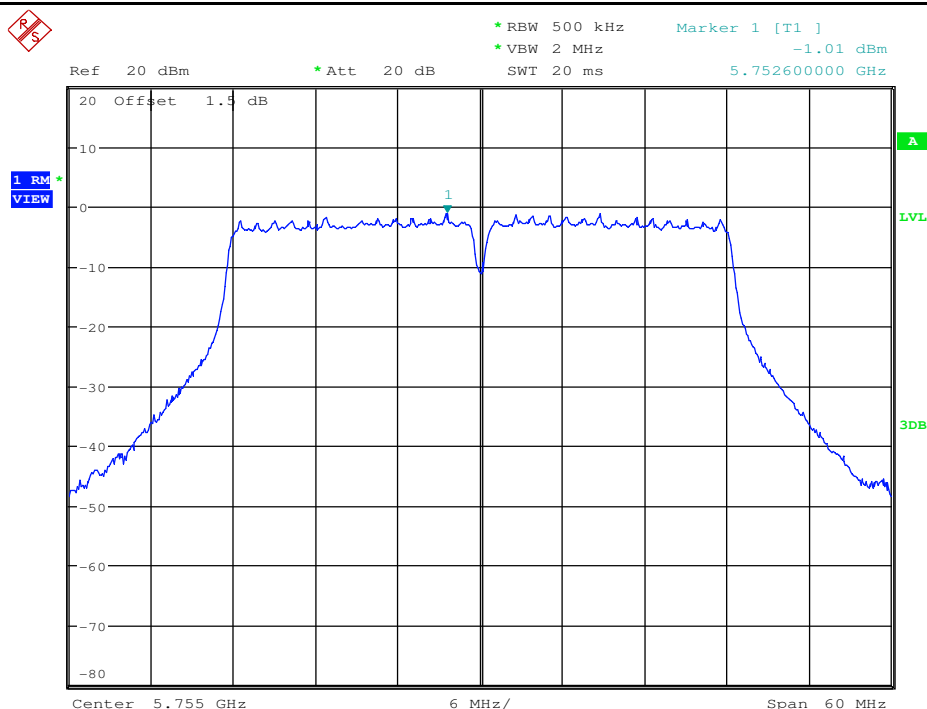


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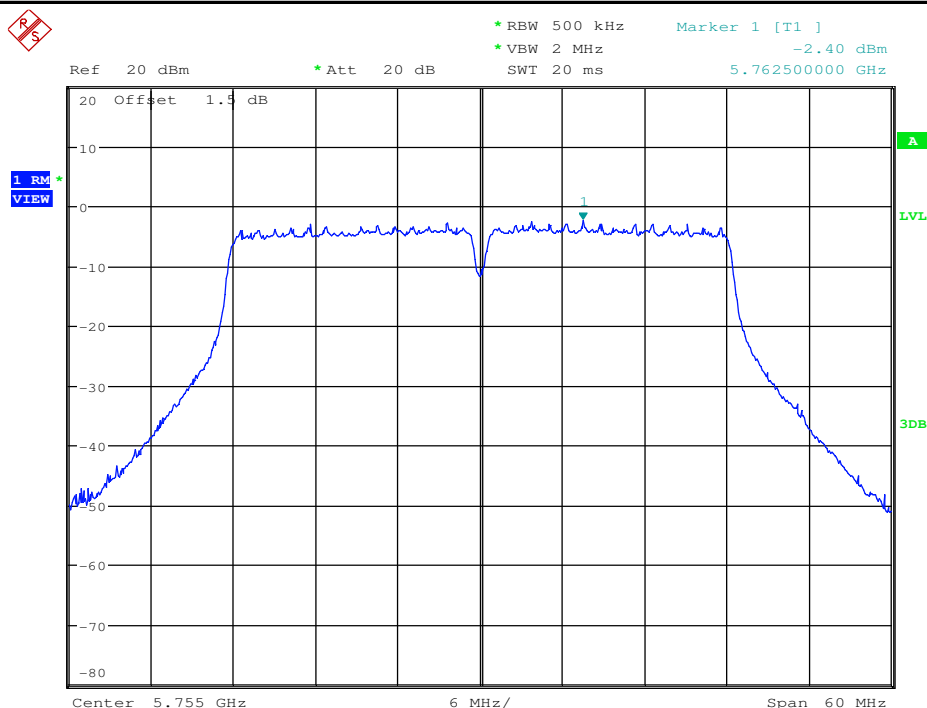
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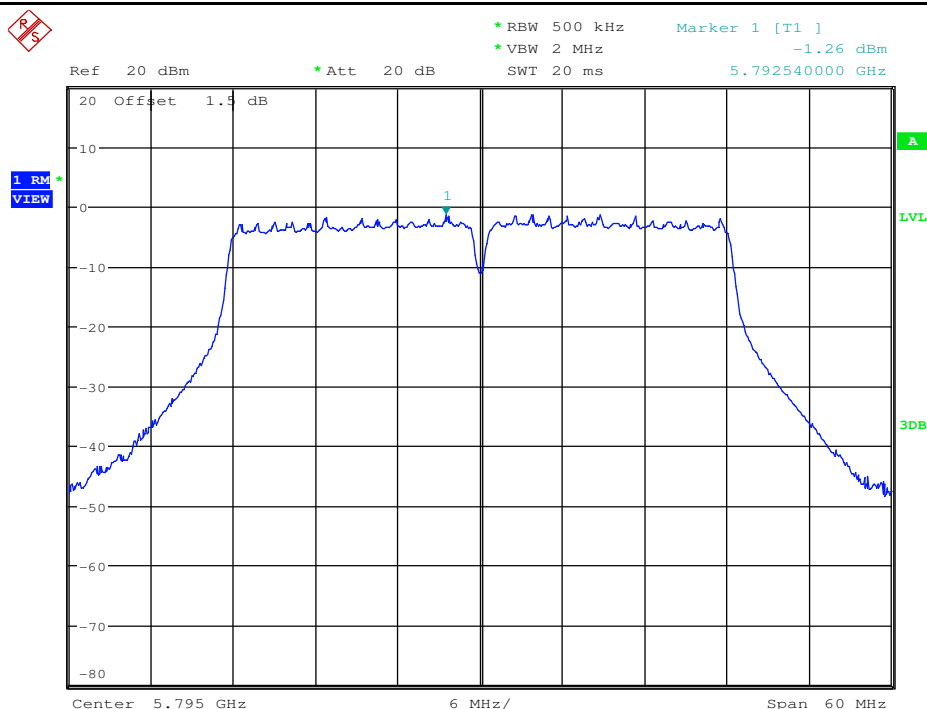
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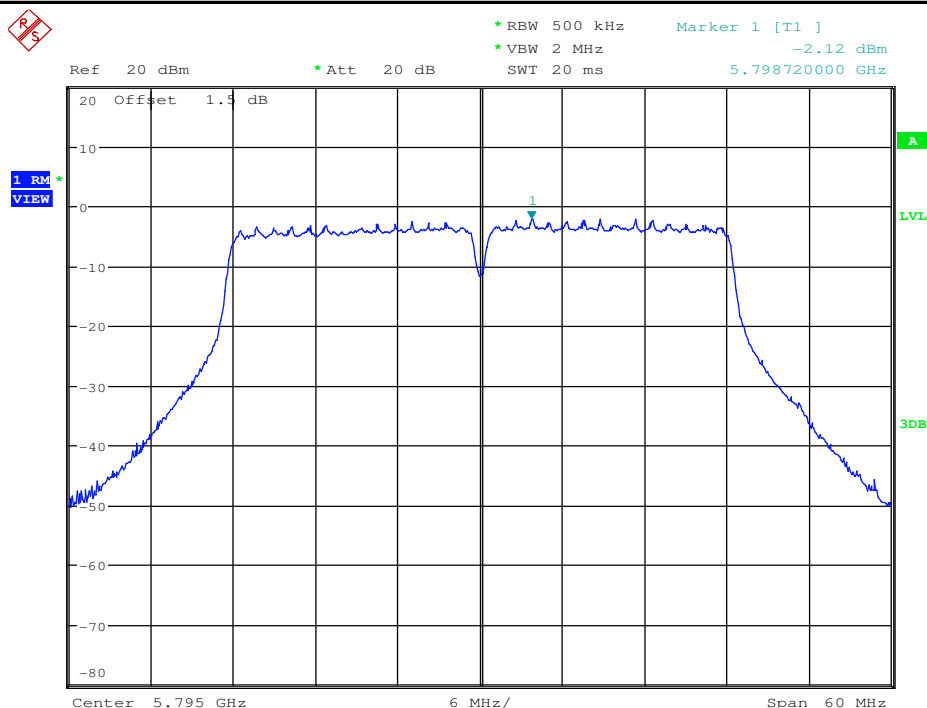
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Maximum Power Spectral Density_TNVN_11N40_5795_Ant2



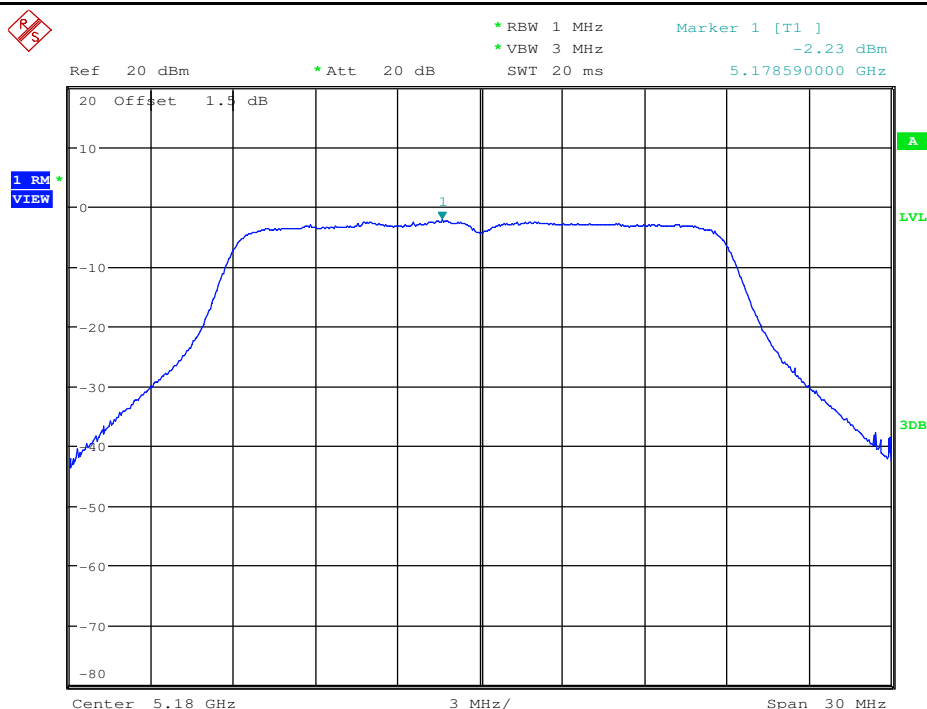
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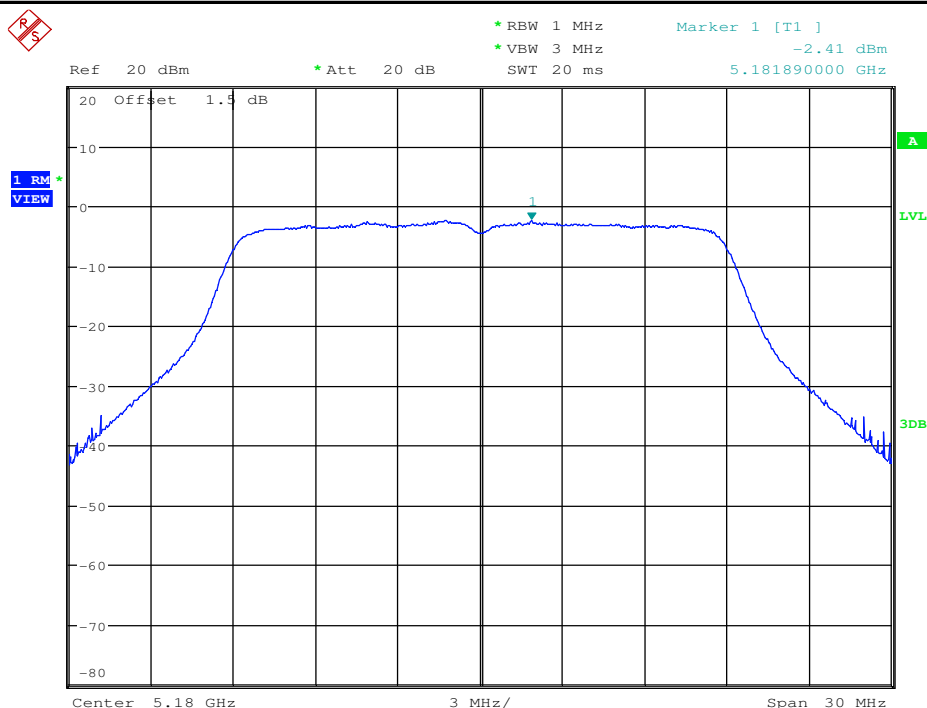
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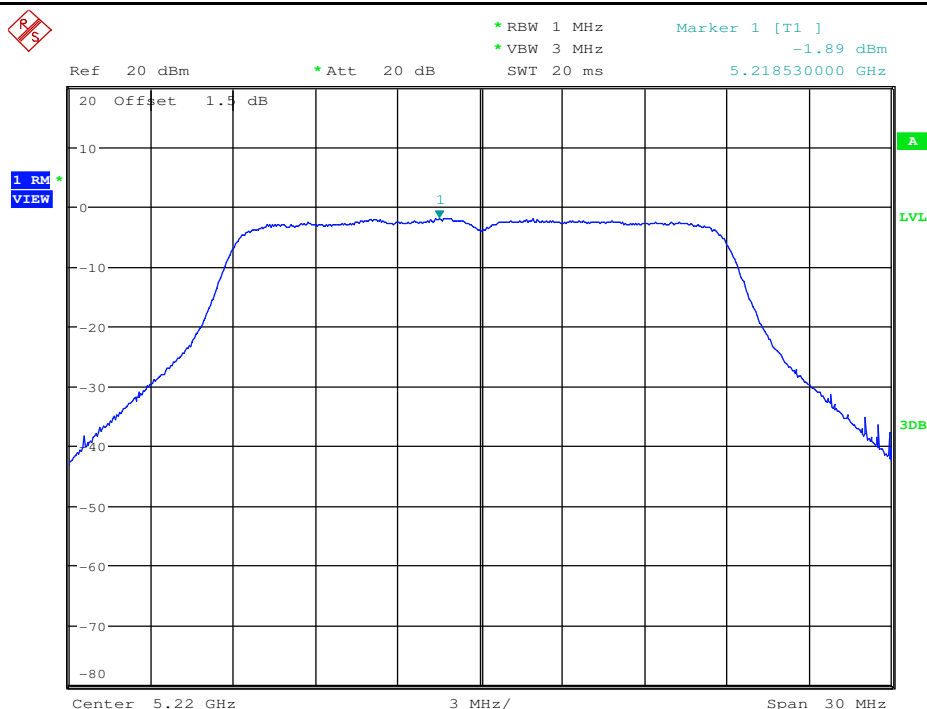
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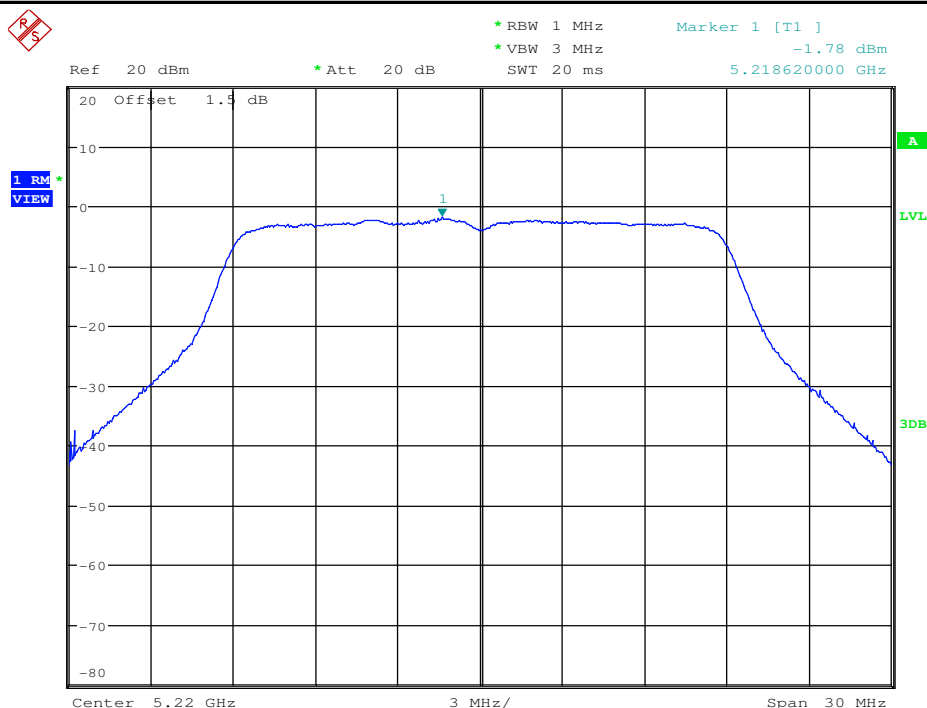
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Maximum Power Spectral Density_TNVN_11AC20_5220_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5240_Ant1

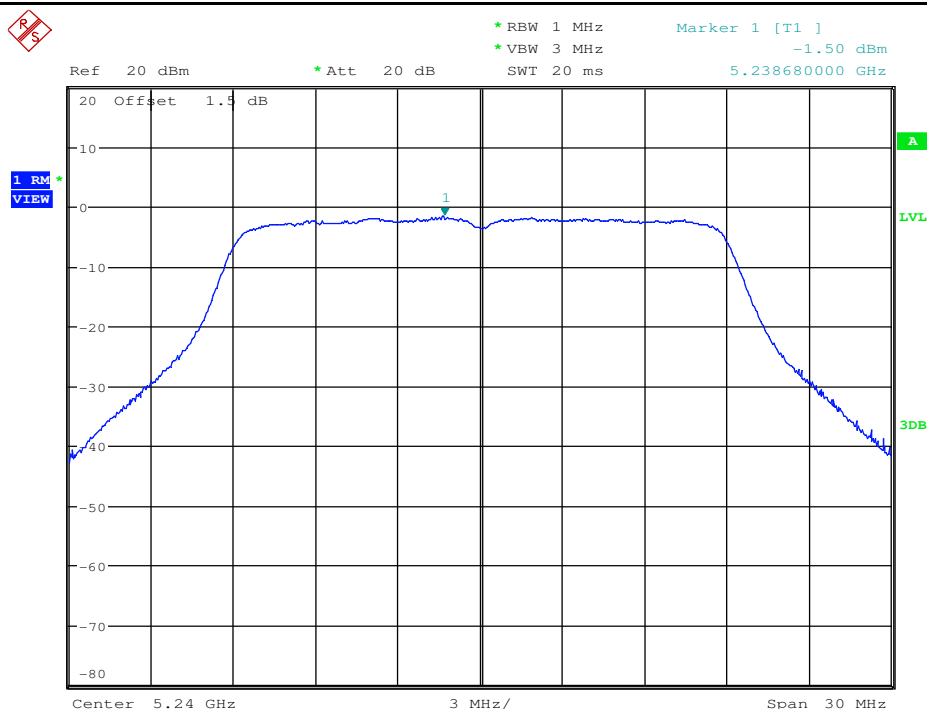


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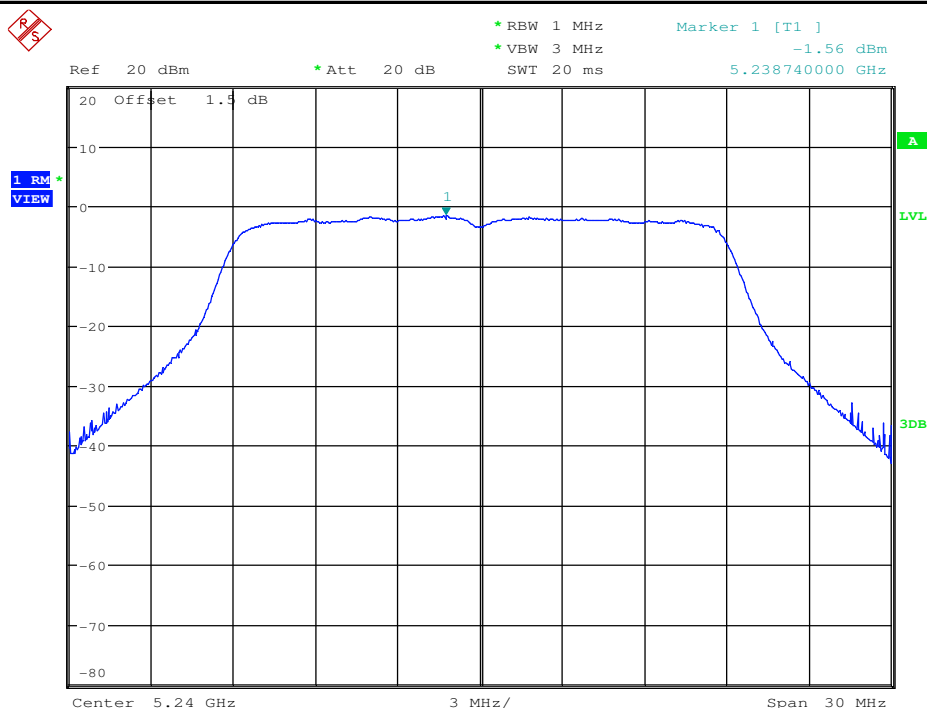
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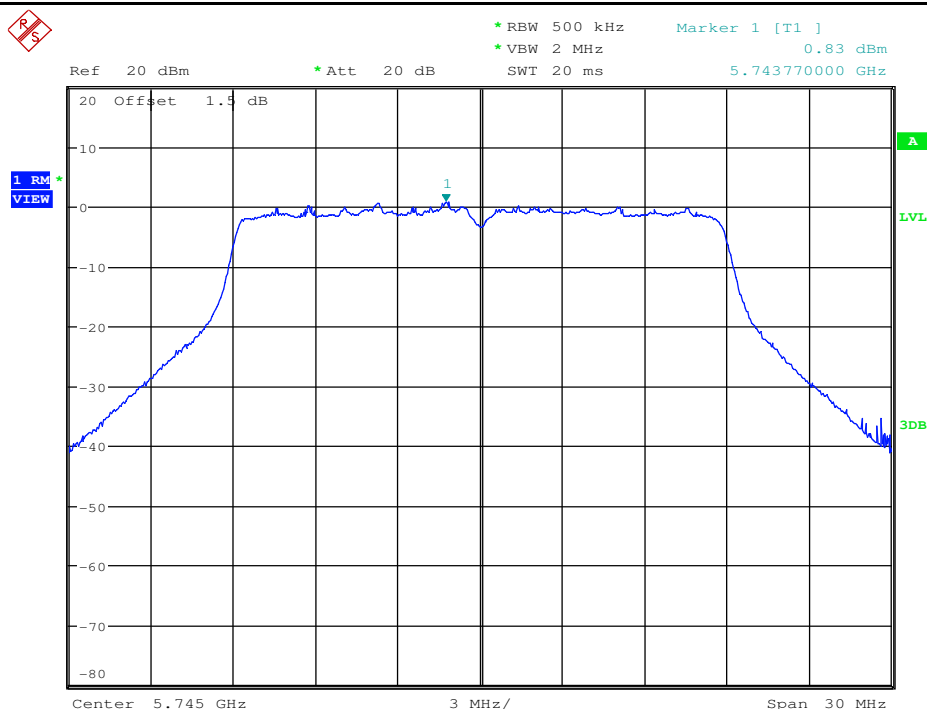
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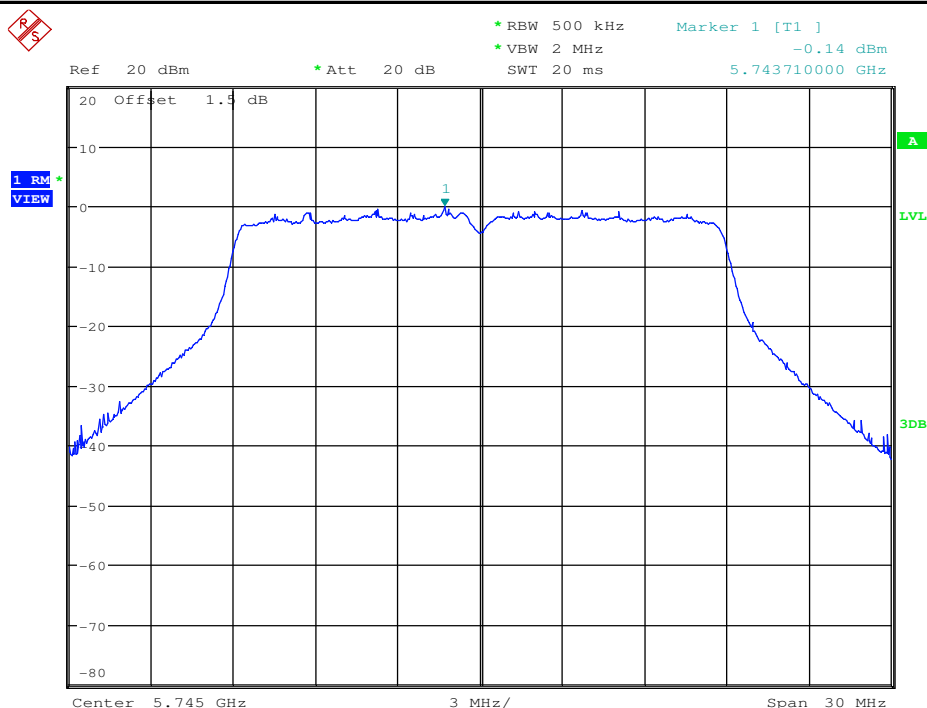
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Maximum Power Spectral Density_TNVN_11AC20_5745_Ant2



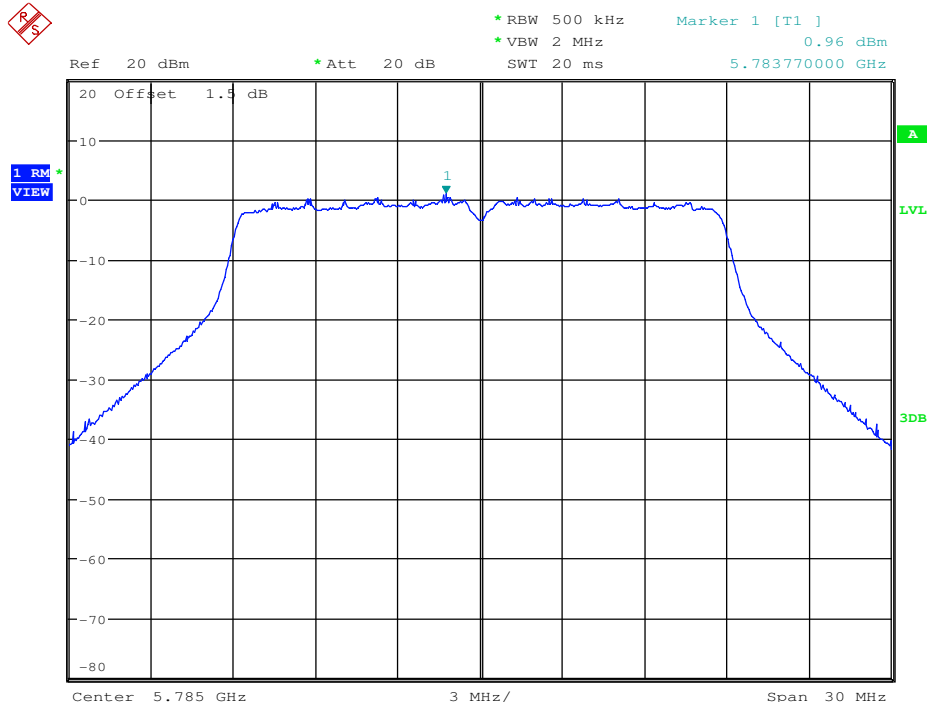
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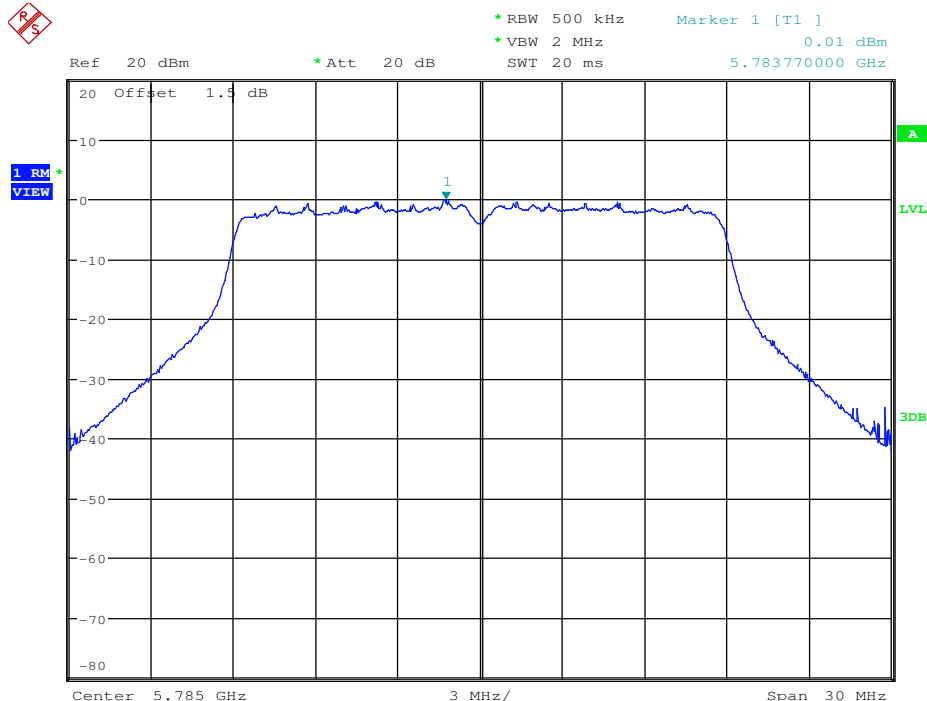
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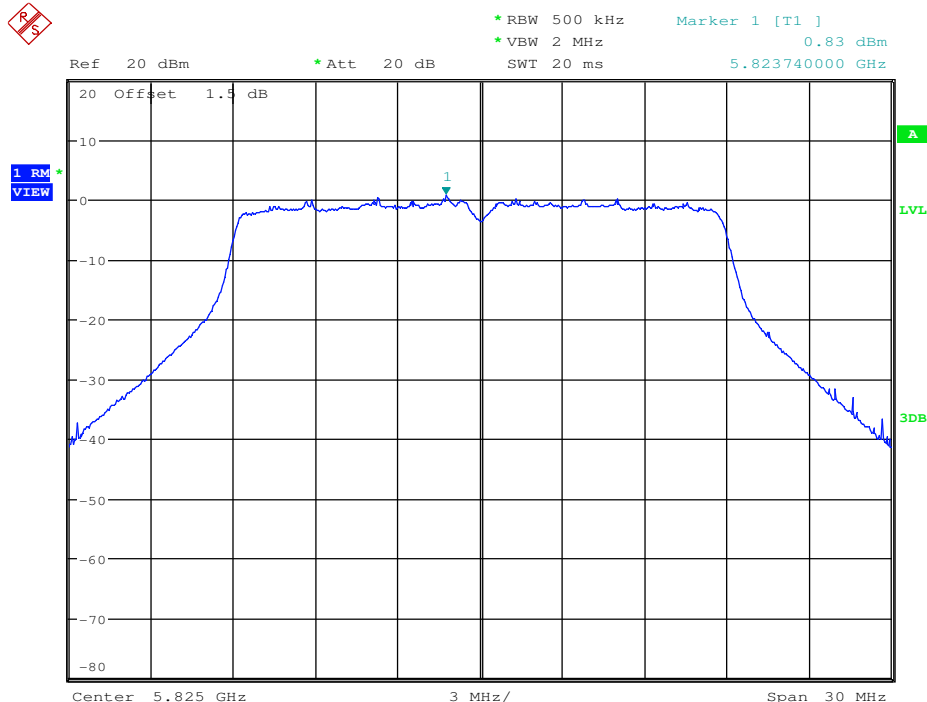


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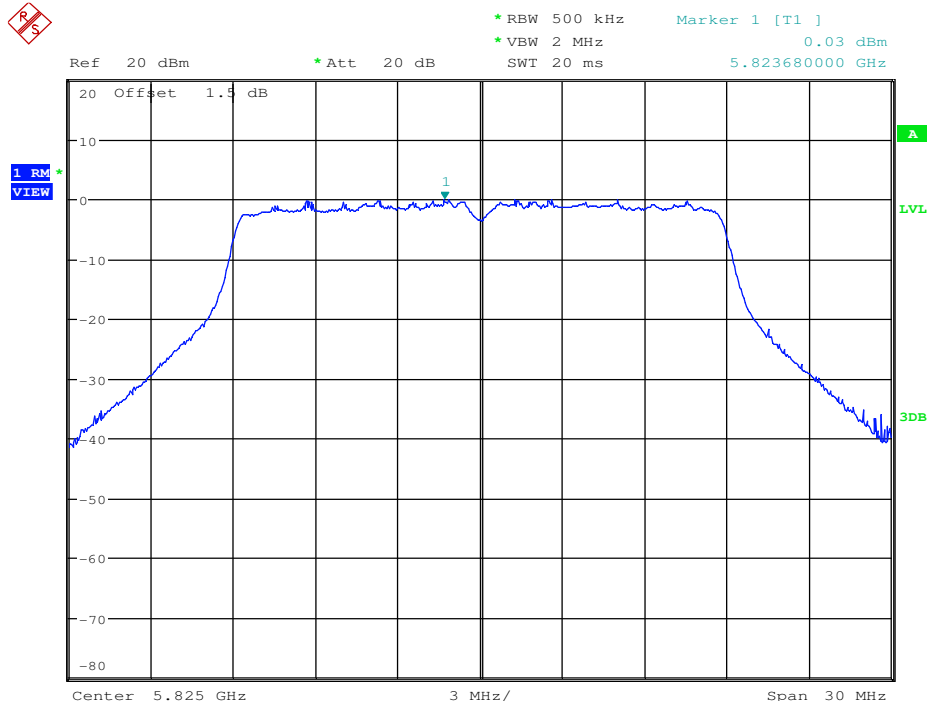
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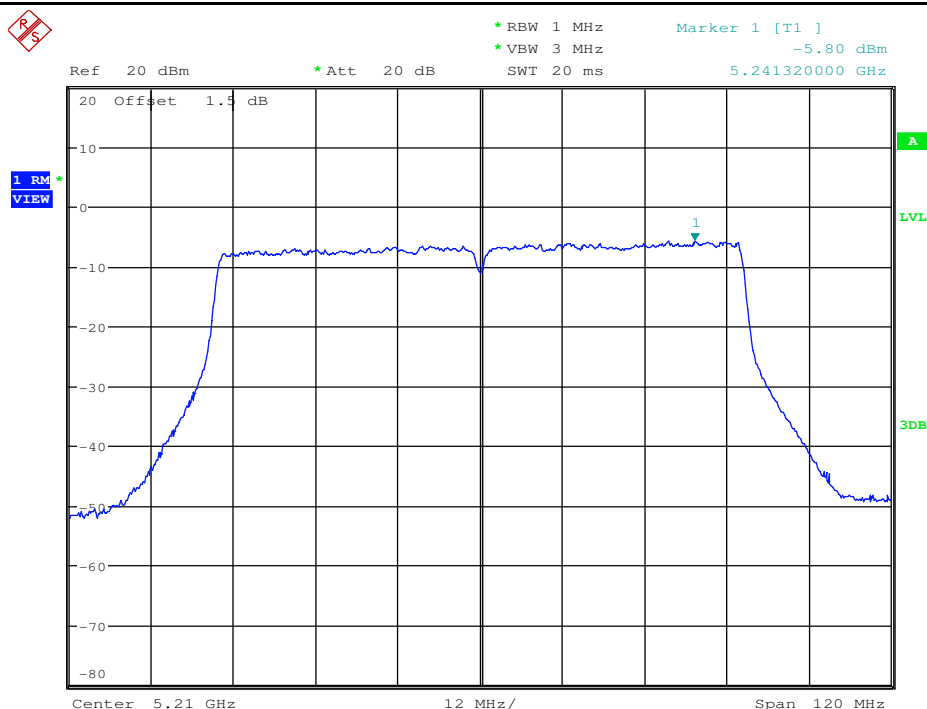
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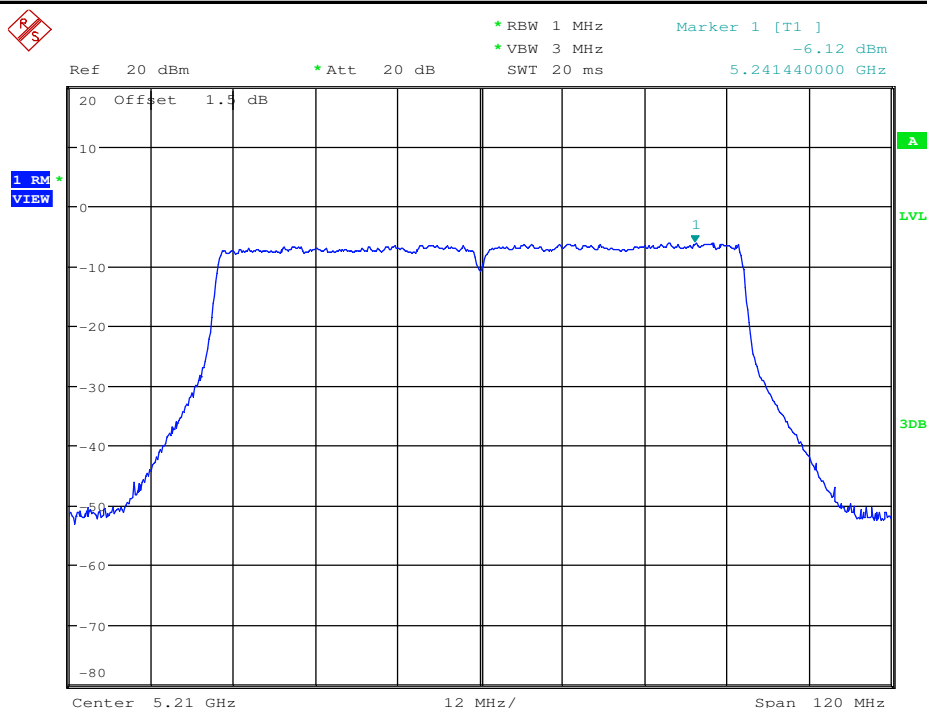
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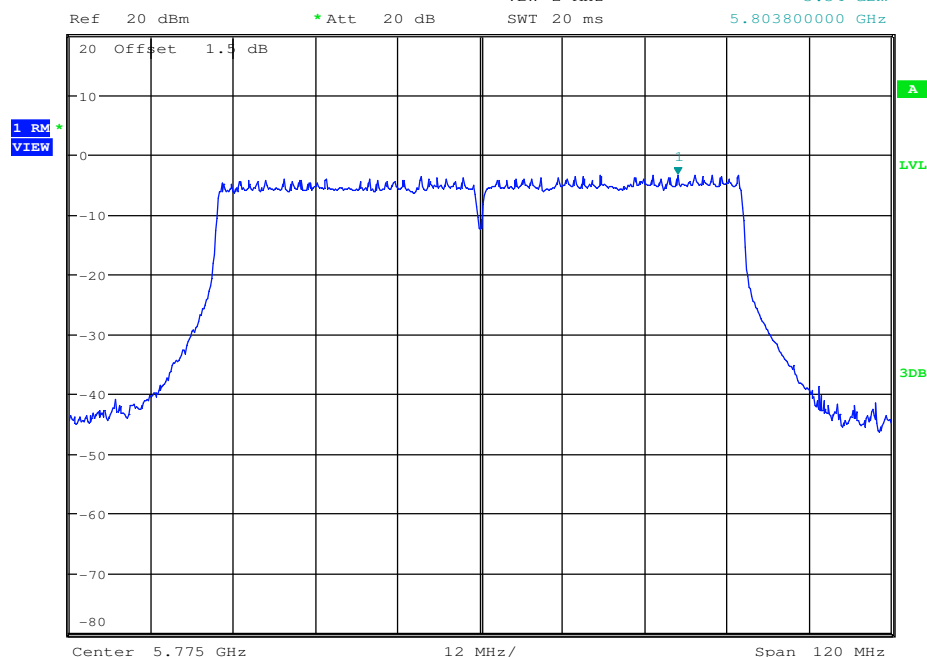


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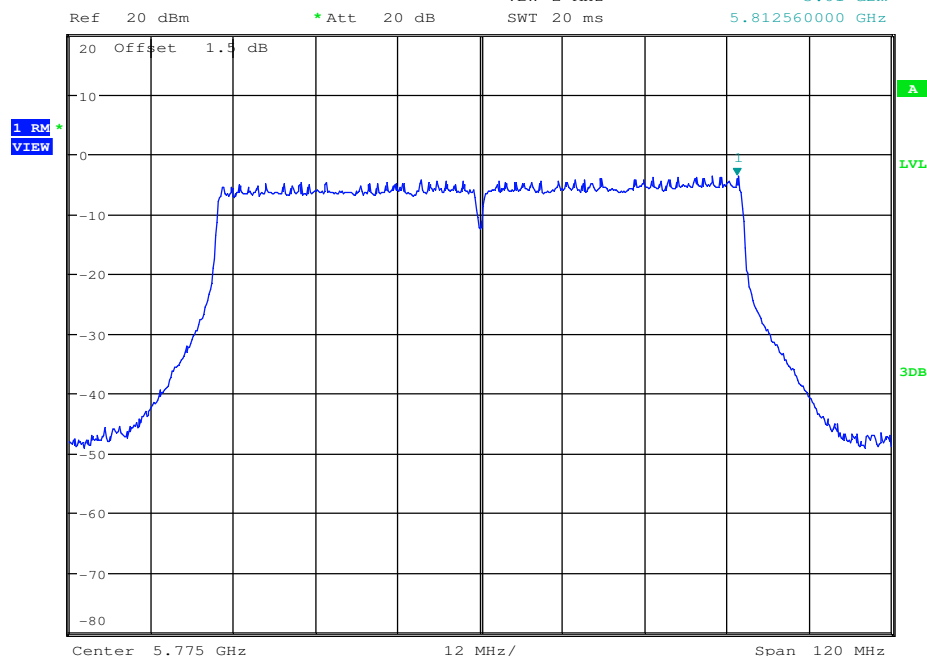


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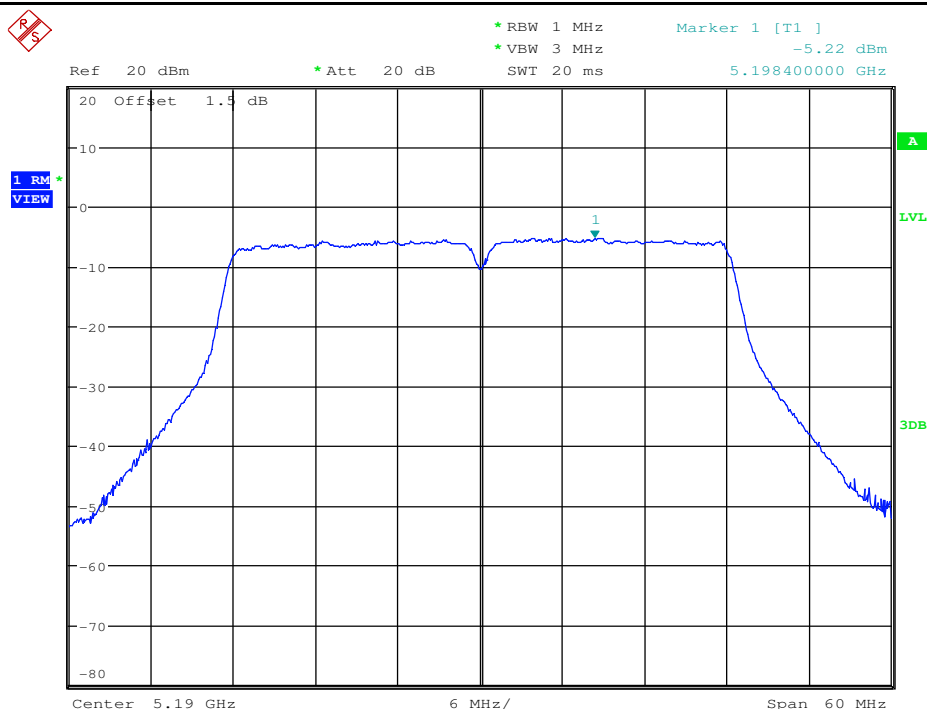
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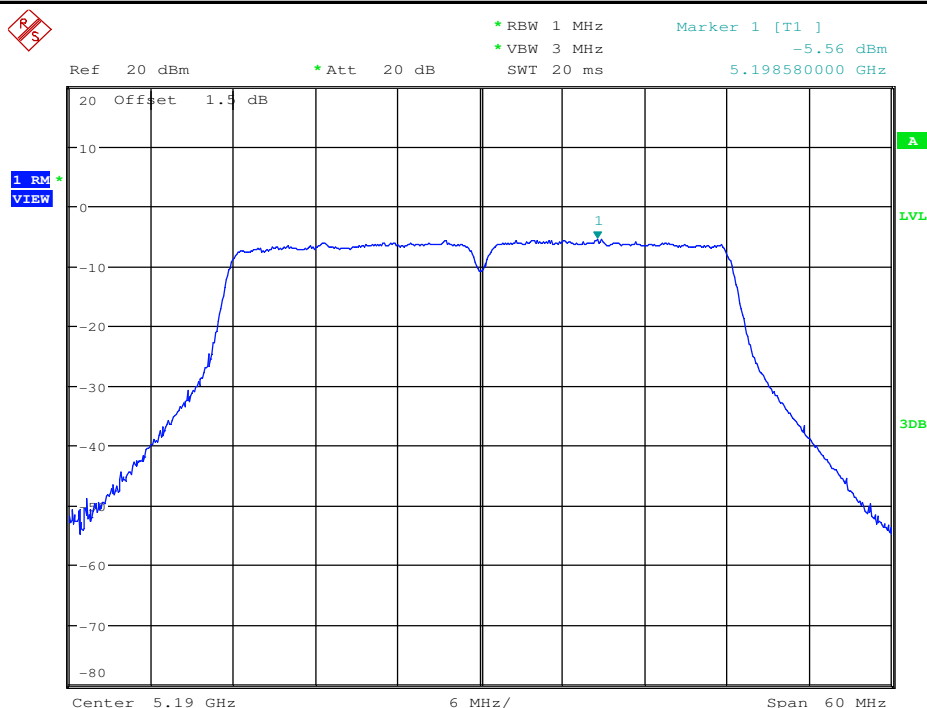
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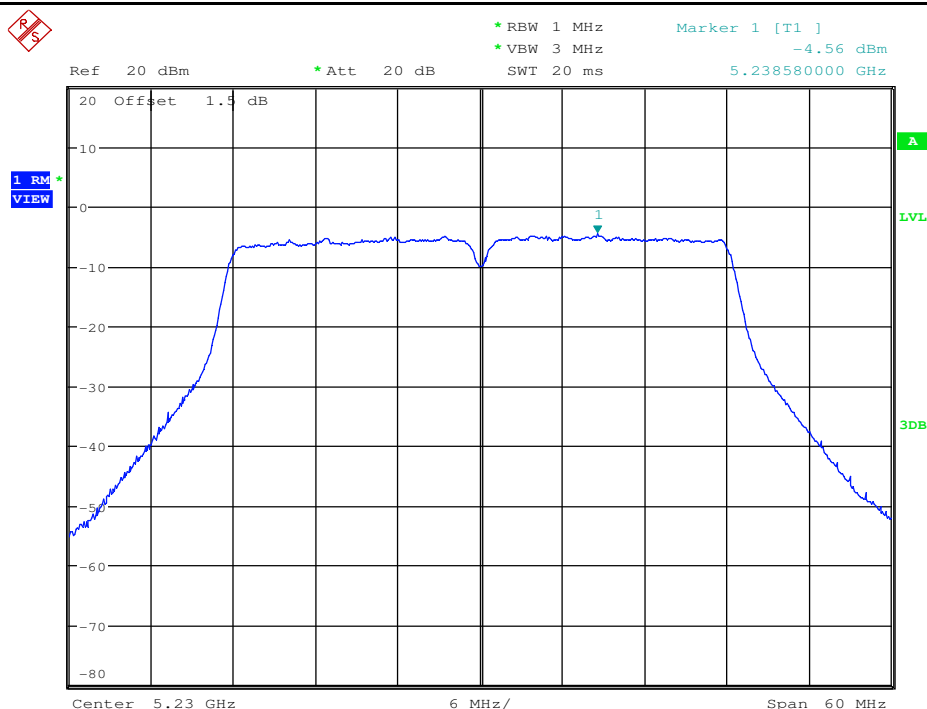


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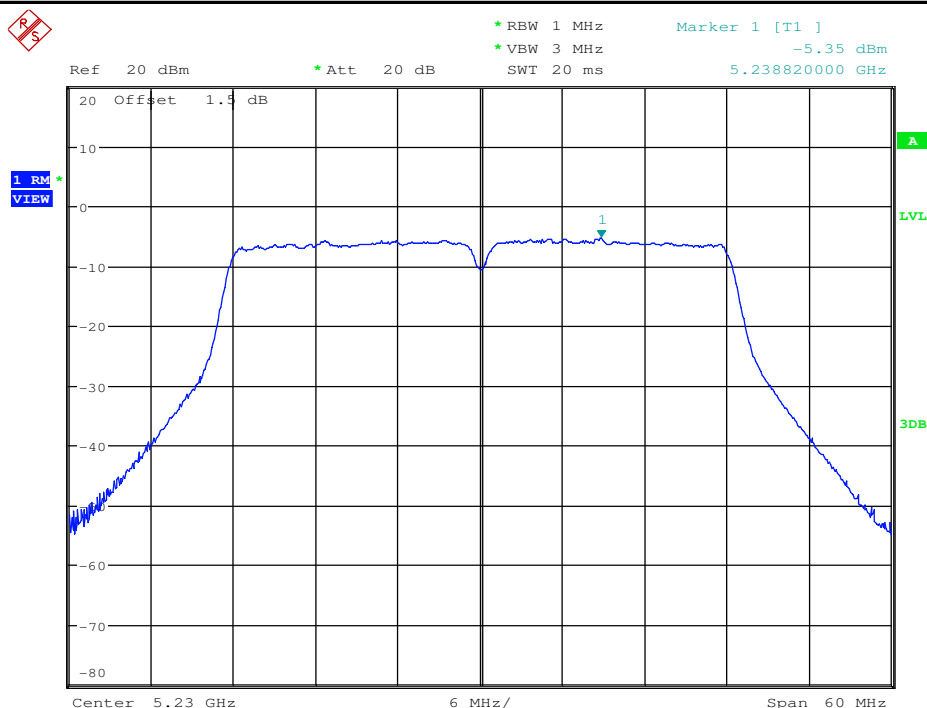


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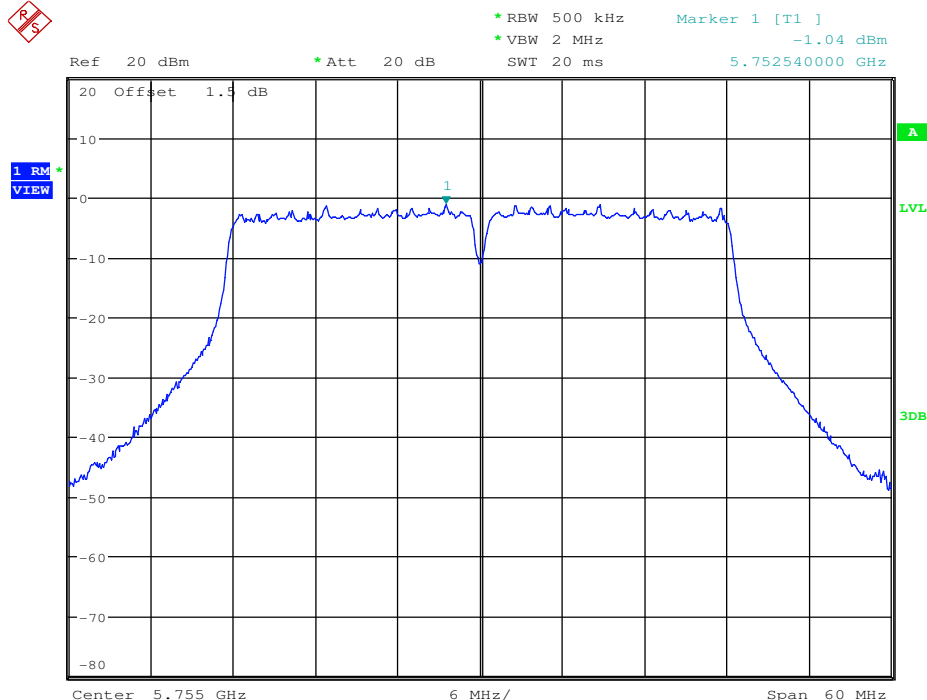
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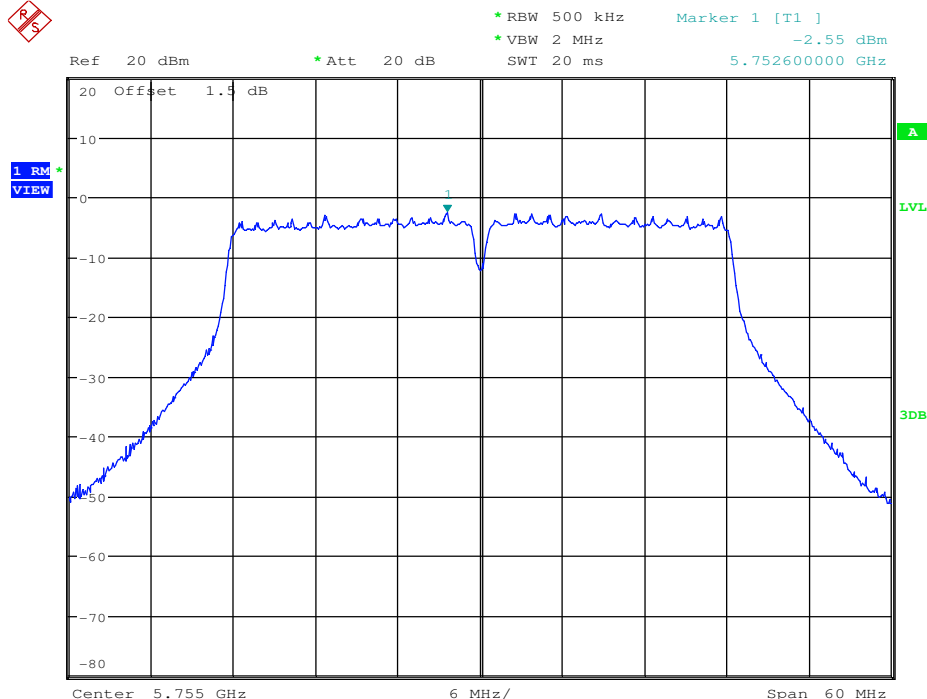
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Maximum Power Spectral Density_TNVN_11AC40_5755_Ant2



Maximum Power Spectral Density_TNVN_11AC40_5795_Ant1

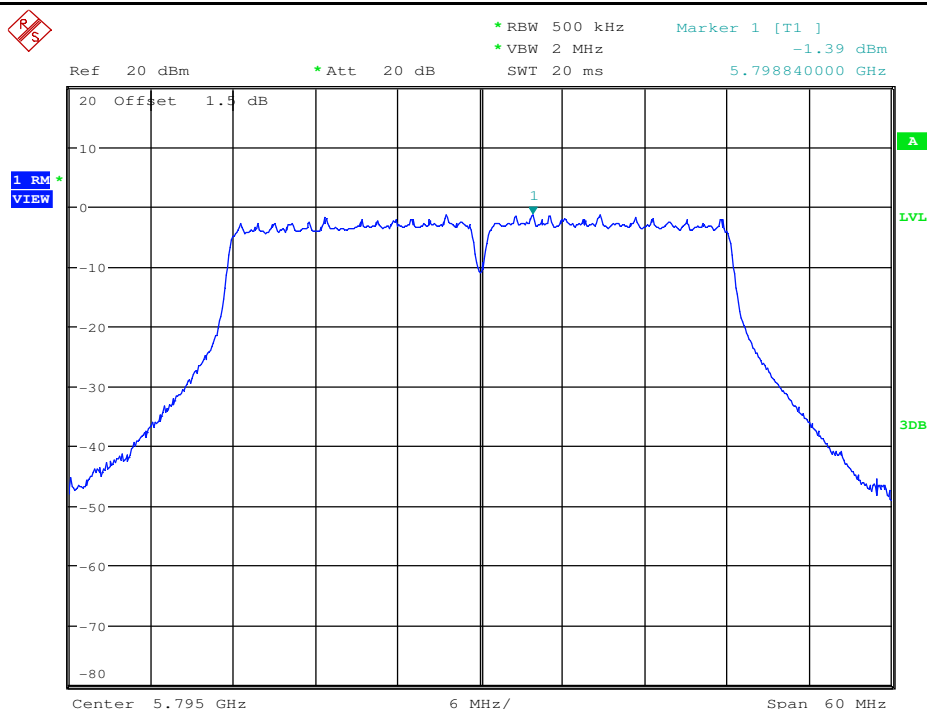


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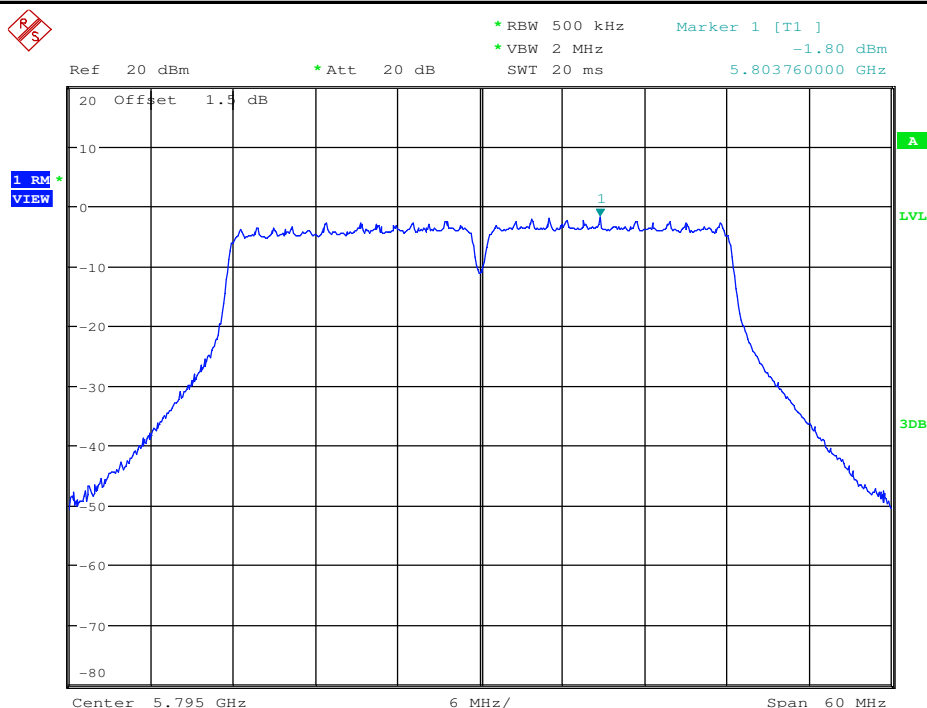
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Maximum Power Spectral Density_TNVN_11AC40_5795_Ant2



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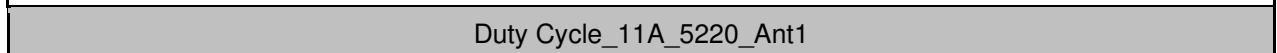
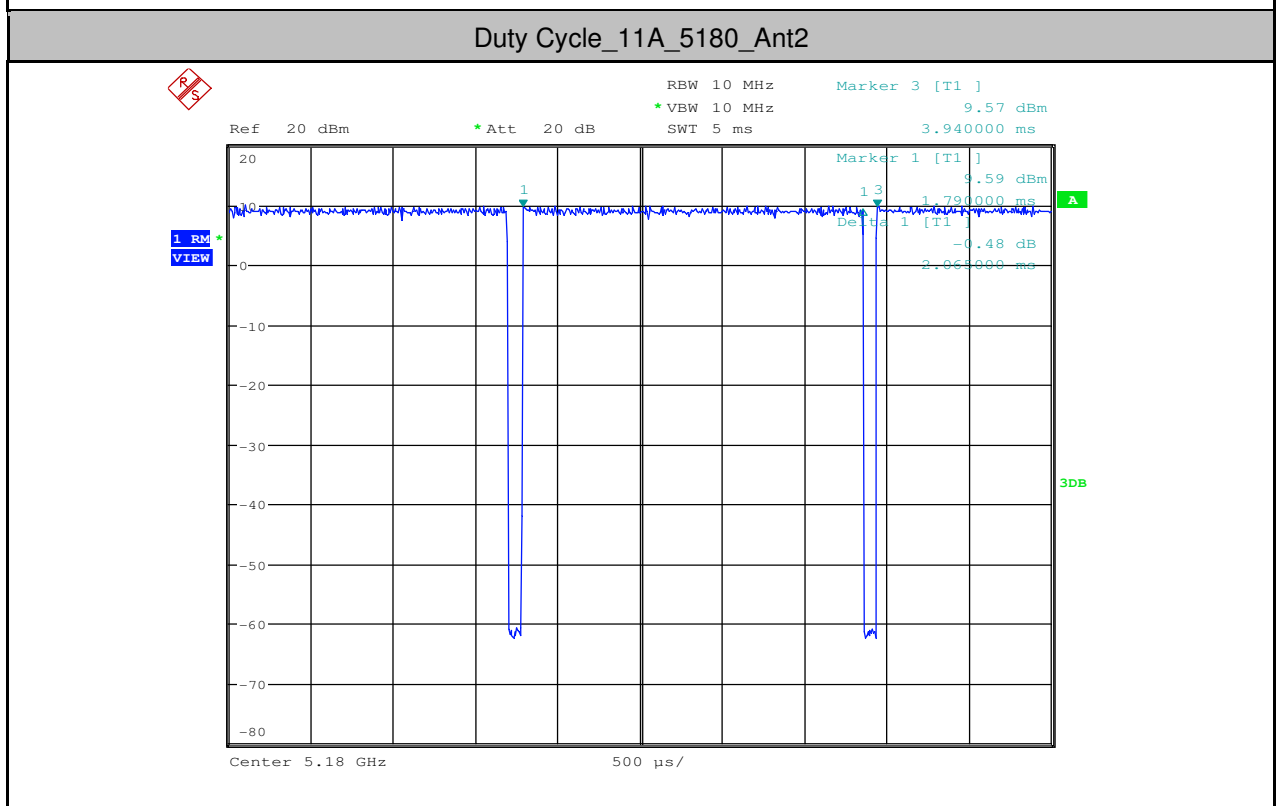
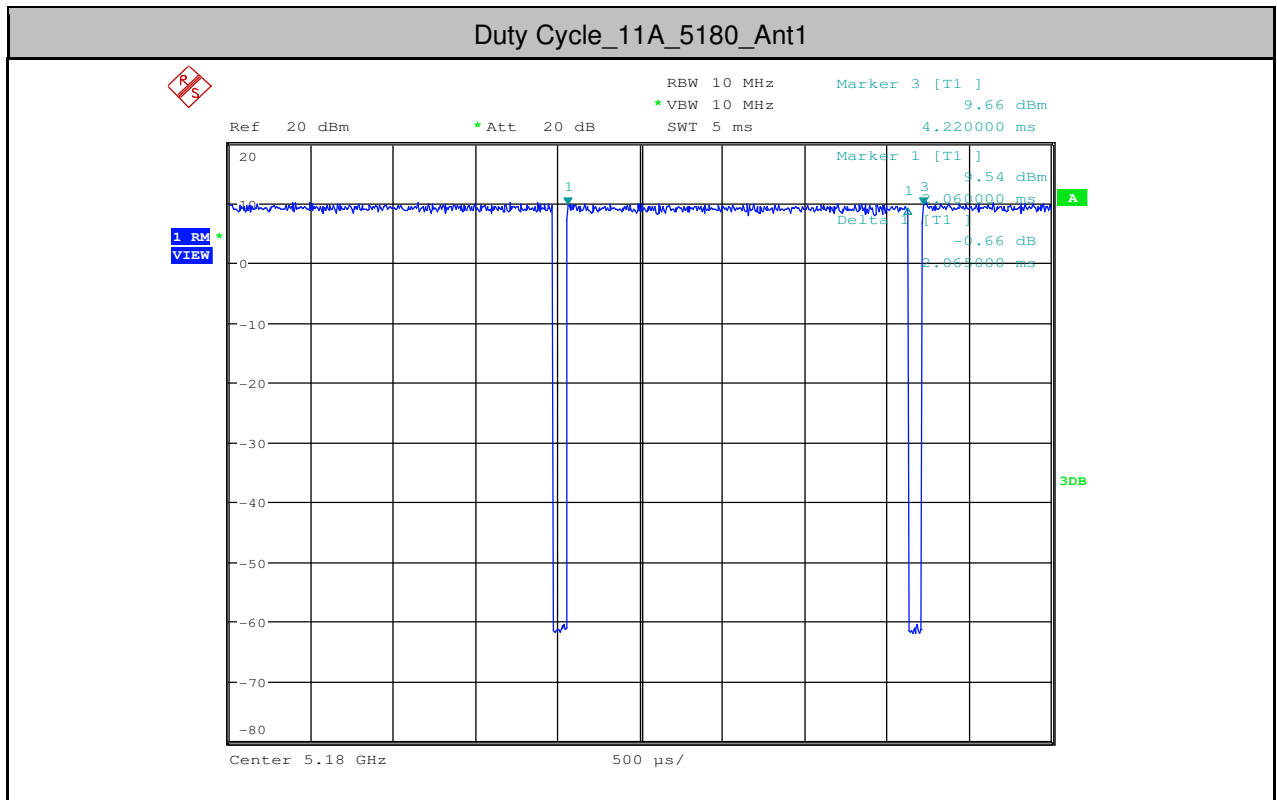
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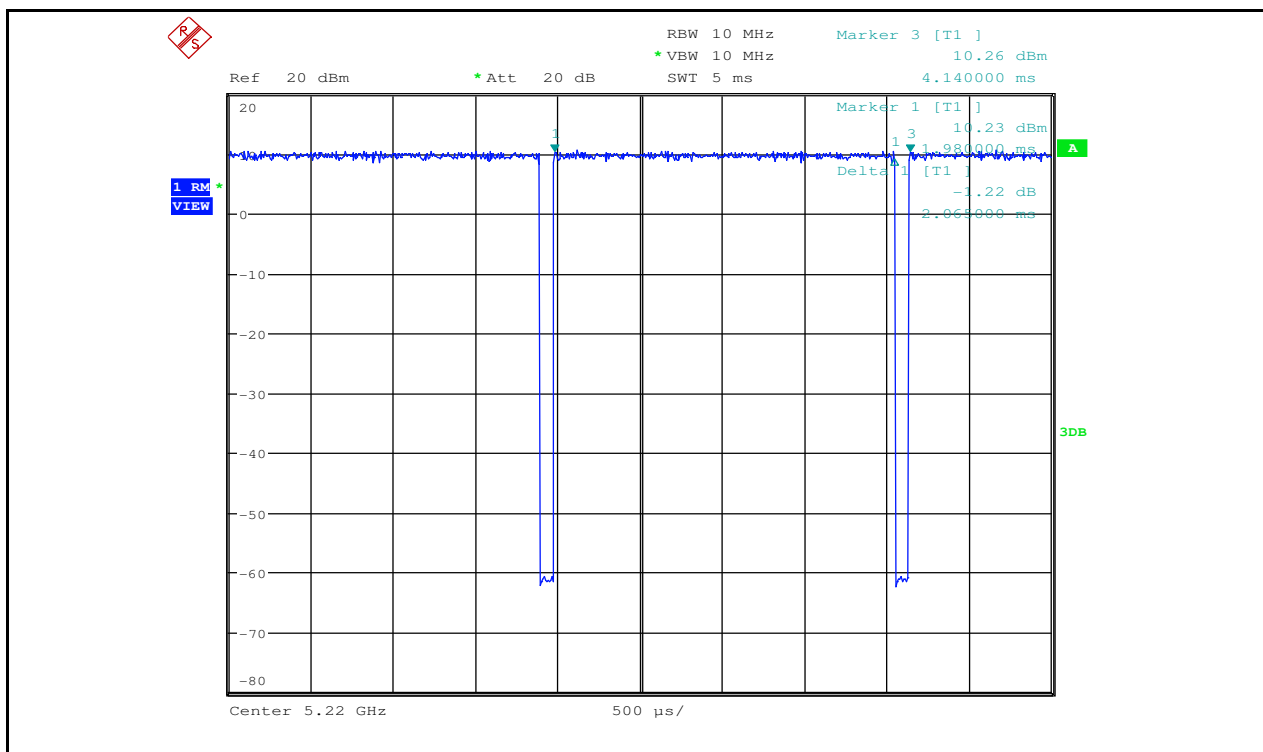
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5. Duty Cycle (x)

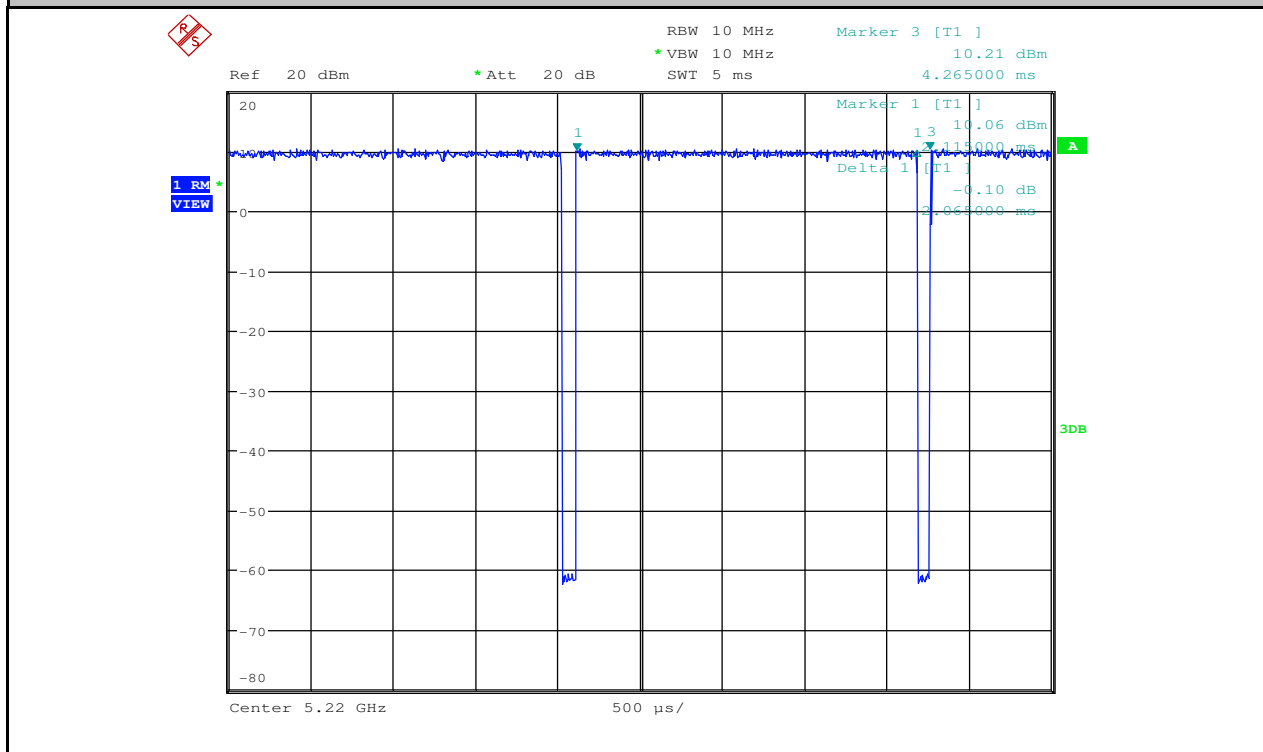
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	95.6	0.2
11A	5180	Ant2	96.05	0.18
11A	5220	Ant1	95.6	0.2
11A	5220	Ant2	96.05	0.18
11A	5240	Ant1	95.83	0.18
11A	5240	Ant2	95.83	0.18
11A	5745	Ant1	95.6	0.2
11A	5745	Ant2	96.05	0.18
11A	5785	Ant1	95.6	0.2
11A	5785	Ant2	95.82	0.19
11A	5825	Ant1	95.83	0.18
11A	5825	Ant2	95.61	0.19
11N20	5180	Ant1	97.84	0.09
11N20	5180	Ant2	97.85	0.09
11N20	5220	Ant1	98.04	0.09
11N20	5220	Ant2	98.04	0.09
11N20	5240	Ant1	98.04	0.09
11N20	5240	Ant2	98.04	0.09
11N20	5745	Ant1	97.84	0.09
11N20	5745	Ant2	98.04	0.09
11N20	5785	Ant1	98.04	0.09
11N20	5785	Ant2	98.04	0.09
11N20	5825	Ant1	97.84	0.09
11N20	5825	Ant2	98.04	0.09
11N40	5190	Ant1	96.42	0.16
11N40	5190	Ant2	96.44	0.16
11N40	5230	Ant1	96.43	0.16
11N40	5230	Ant2	96.44	0.16

11N40	5755	Ant1	96.43	0.16
11N40	5755	Ant2	96.44	0.16
11N40	5795	Ant1	96.43	0.16
11N40	5795	Ant2	96.44	0.16
11AC20	5180	Ant1	97.94	0.09
11AC20	5180	Ant2	97.94	0.09
11AC20	5220	Ant1	97.65	0.1
11AC20	5220	Ant2	97.94	0.09
11AC20	5240	Ant1	97.94	0.09
11AC20	5240	Ant2	97.94	0.09
11AC20	5745	Ant1	97.94	0.09
11AC20	5745	Ant2	97.65	0.1
11AC20	5785	Ant1	97.94	0.09
11AC20	5785	Ant2	97.94	0.09
11AC20	5825	Ant1	97.94	0.09
11AC20	5825	Ant2	97.94	0.09
11AC80	5210	Ant1	92.87	0.32
11AC80	5210	Ant2	93.17	0.31
11AC80	5775	Ant1	92.72	0.33
11AC80	5775	Ant2	92.87	0.32
11AC40	5190	Ant1	96.03	0.18
11AC40	5190	Ant2	96.41	0.16
11AC40	5230	Ant1	96.02	0.18
11AC40	5230	Ant2	96.41	0.16
11AC40	5755	Ant1	96.02	0.18
11AC40	5755	Ant2	96.41	0.16
11AC40	5795	Ant1	96.03	0.18
11AC40	5795	Ant2	96.02	0.18





Duty Cycle_11A_5220_Ant2



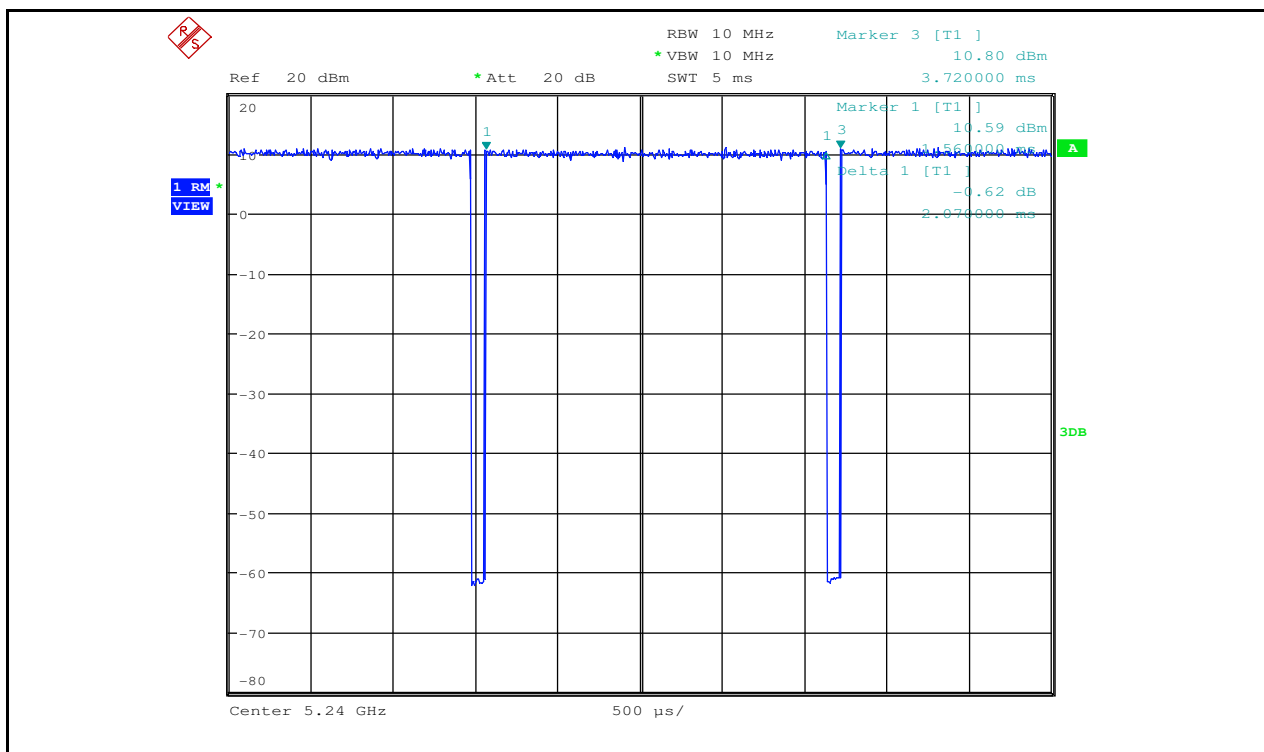
Duty Cycle_11A_5240_Ant1



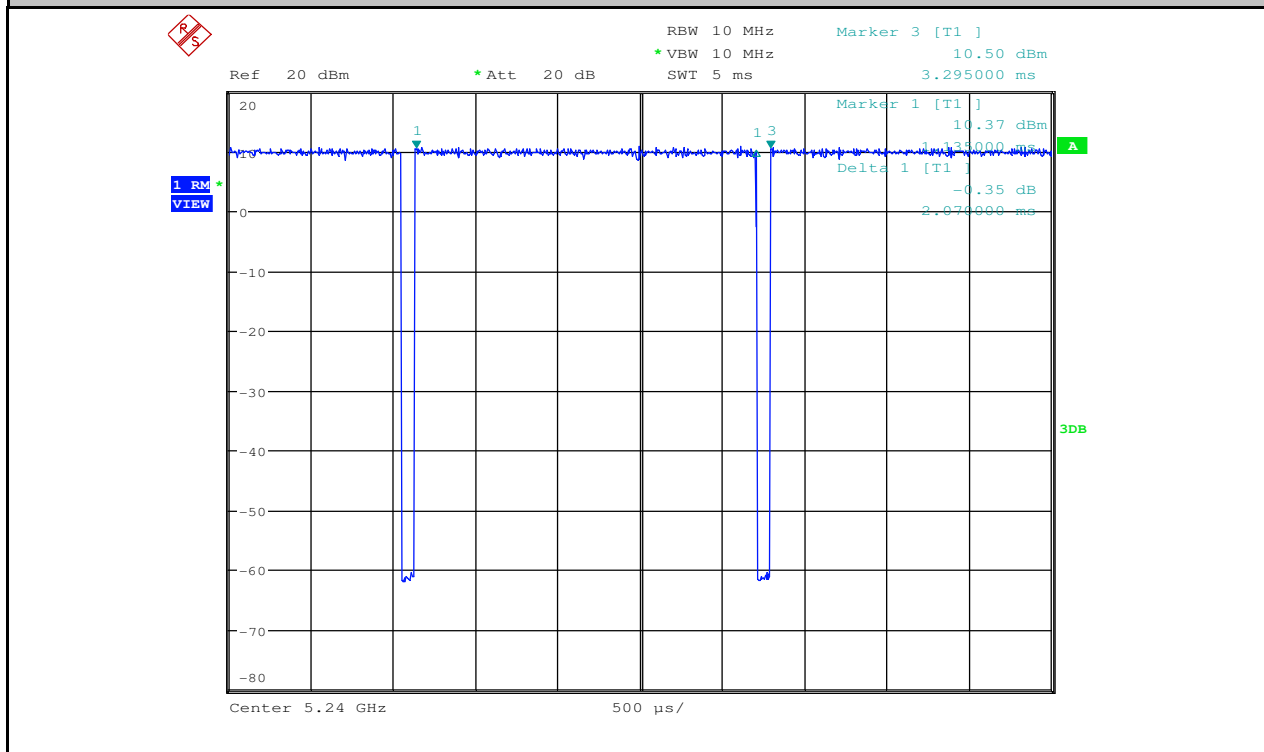
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Duty Cycle_11A_5240_Ant2



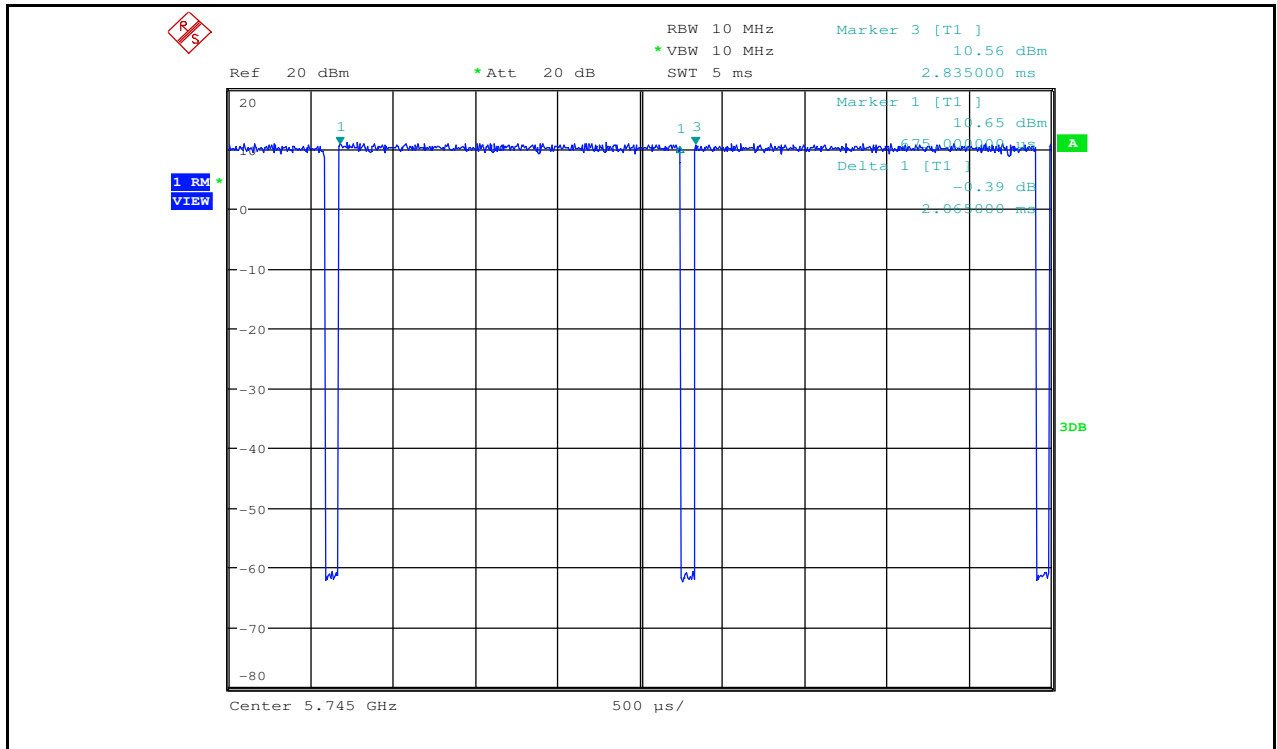
Duty Cycle_11A_5745_Ant1



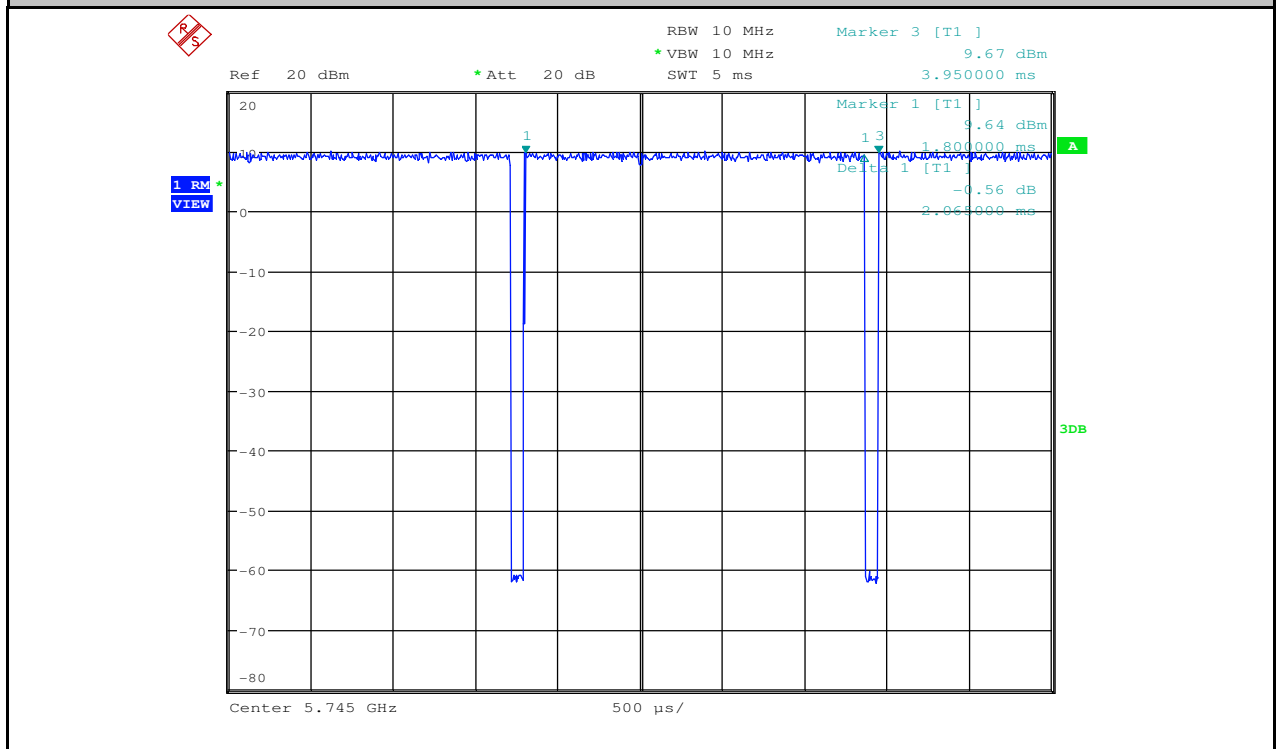
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Duty Cycle_11A_5745_Ant2

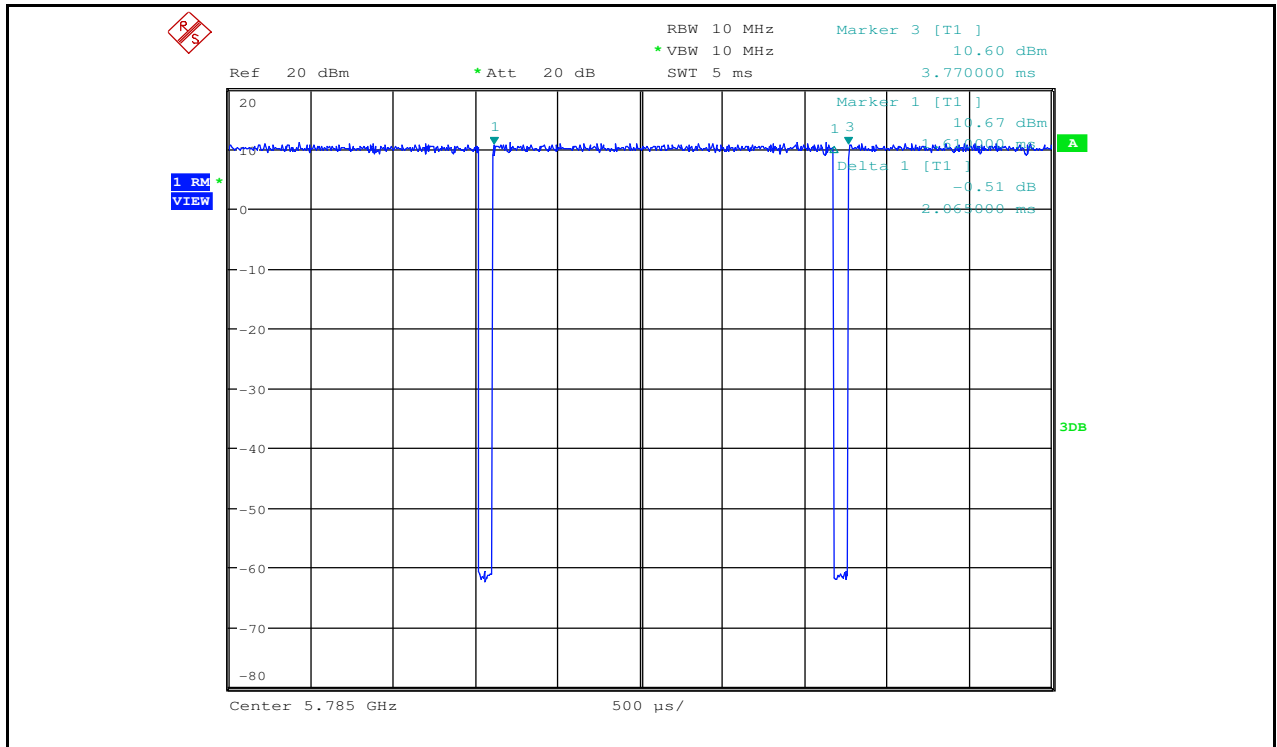


Duty Cycle_11A_5785_Ant1

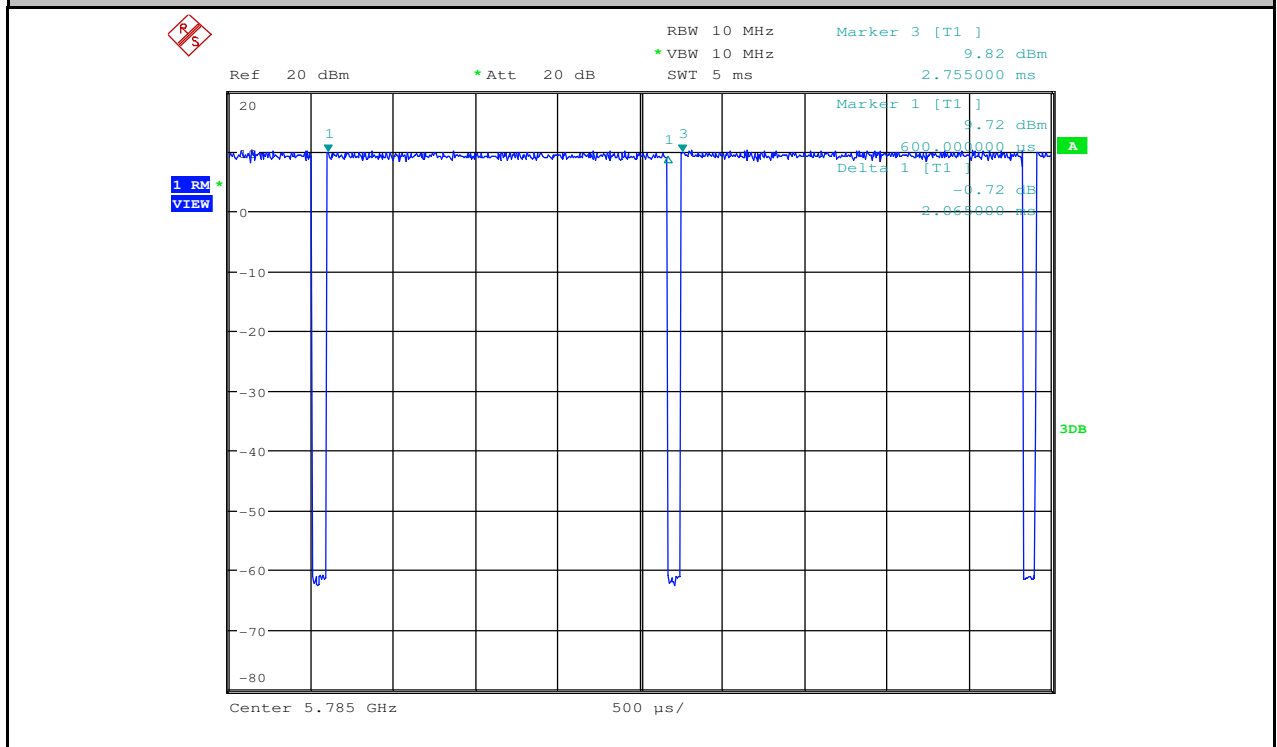


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Duty Cycle_11A_5785_Ant2



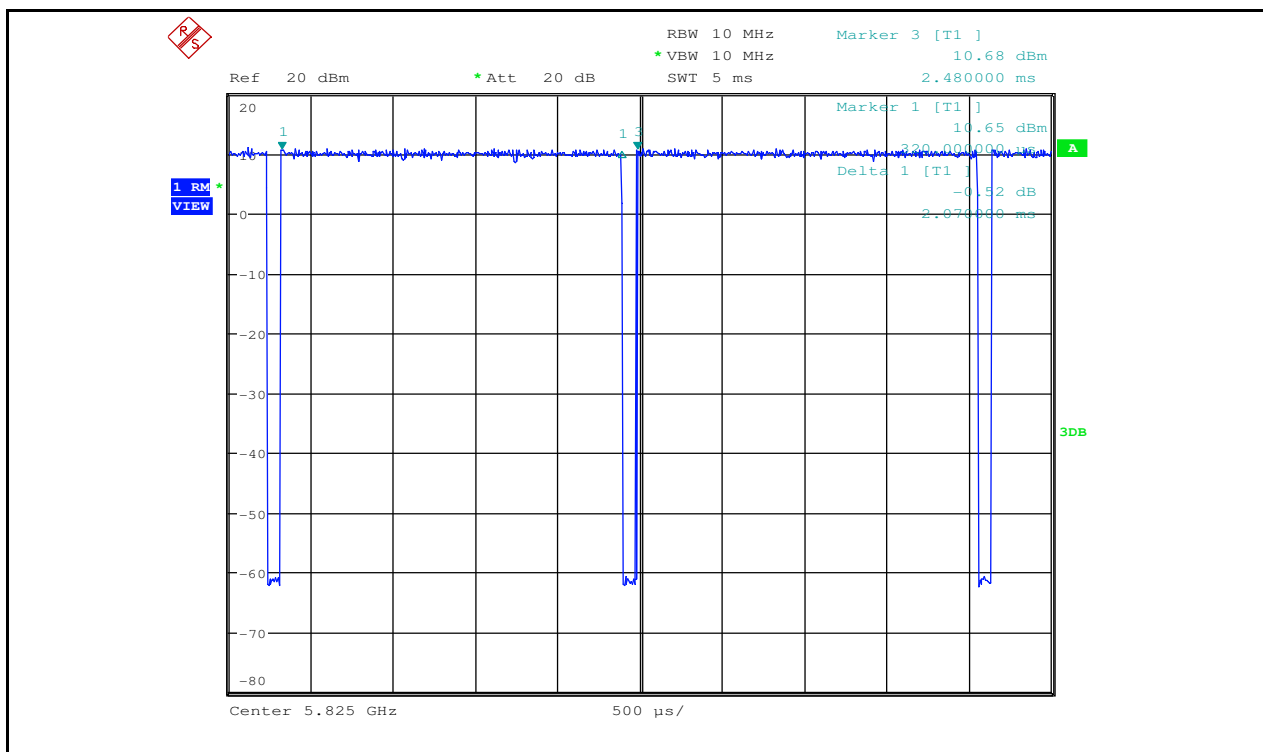
Duty Cycle_11A_5825_Ant1



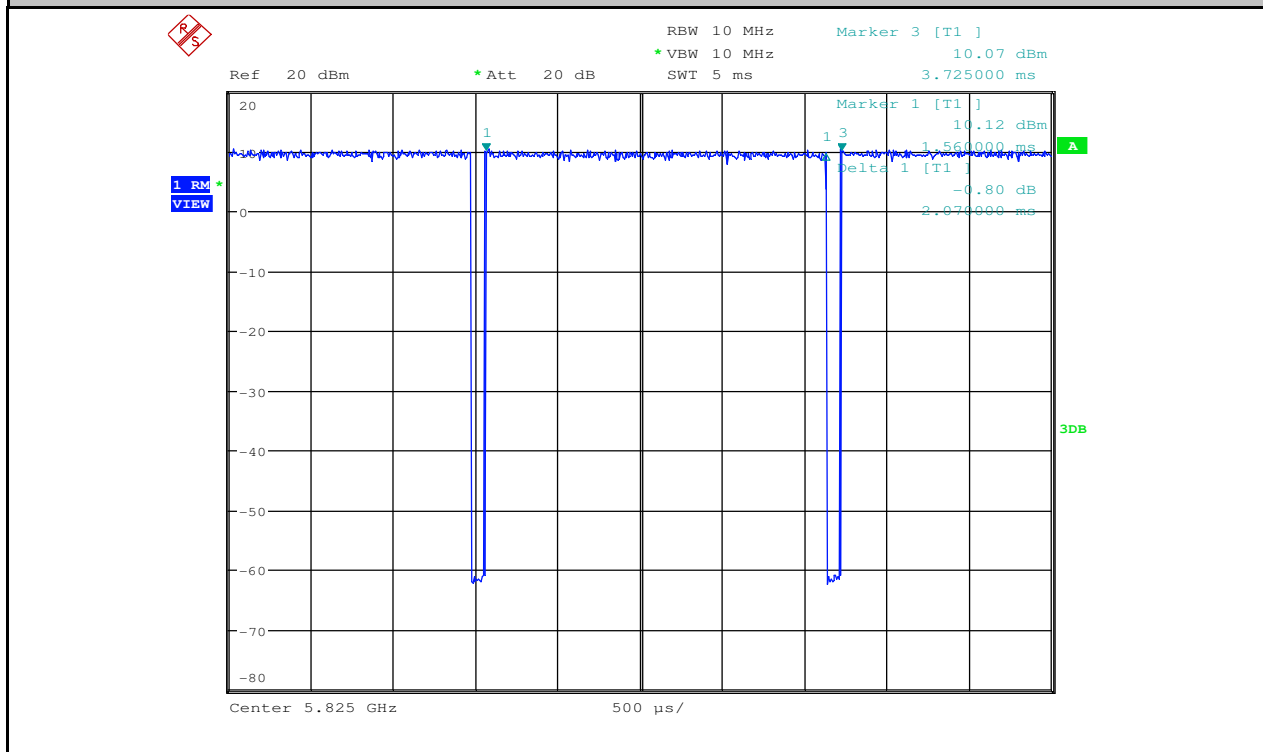
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Duty Cycle_11A_5825_Ant2



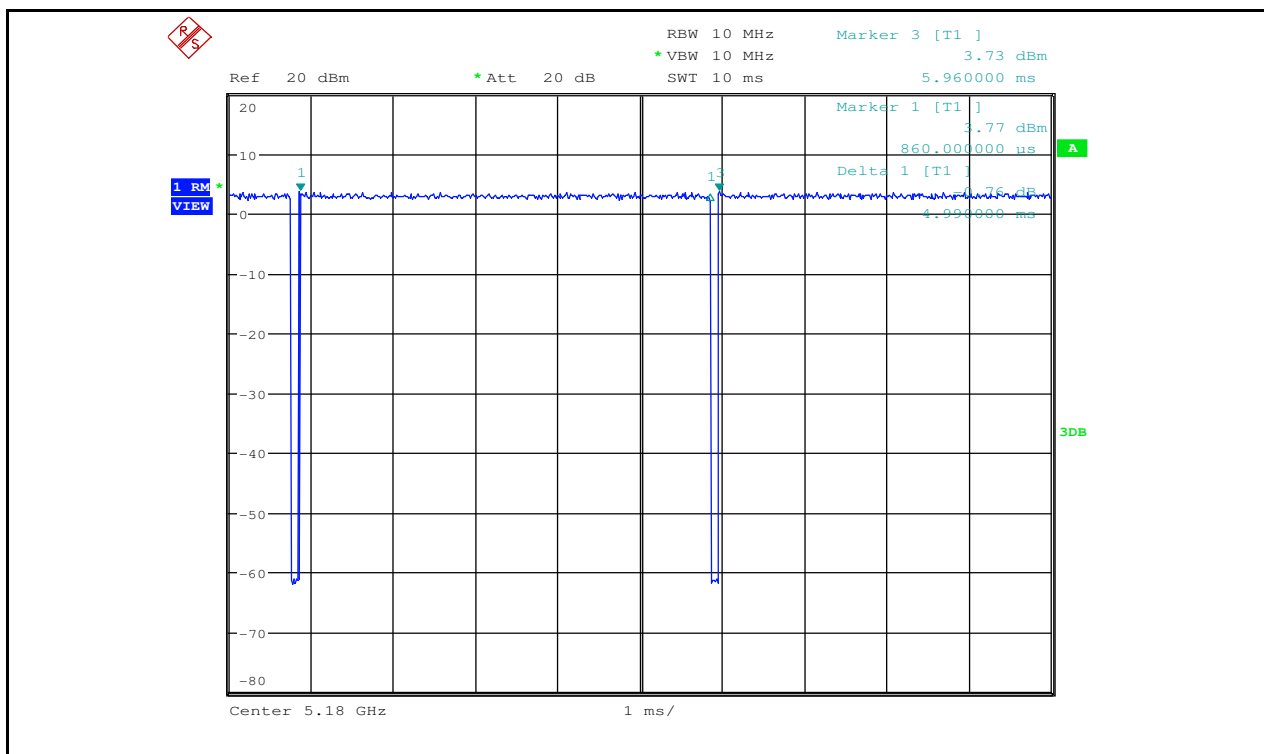
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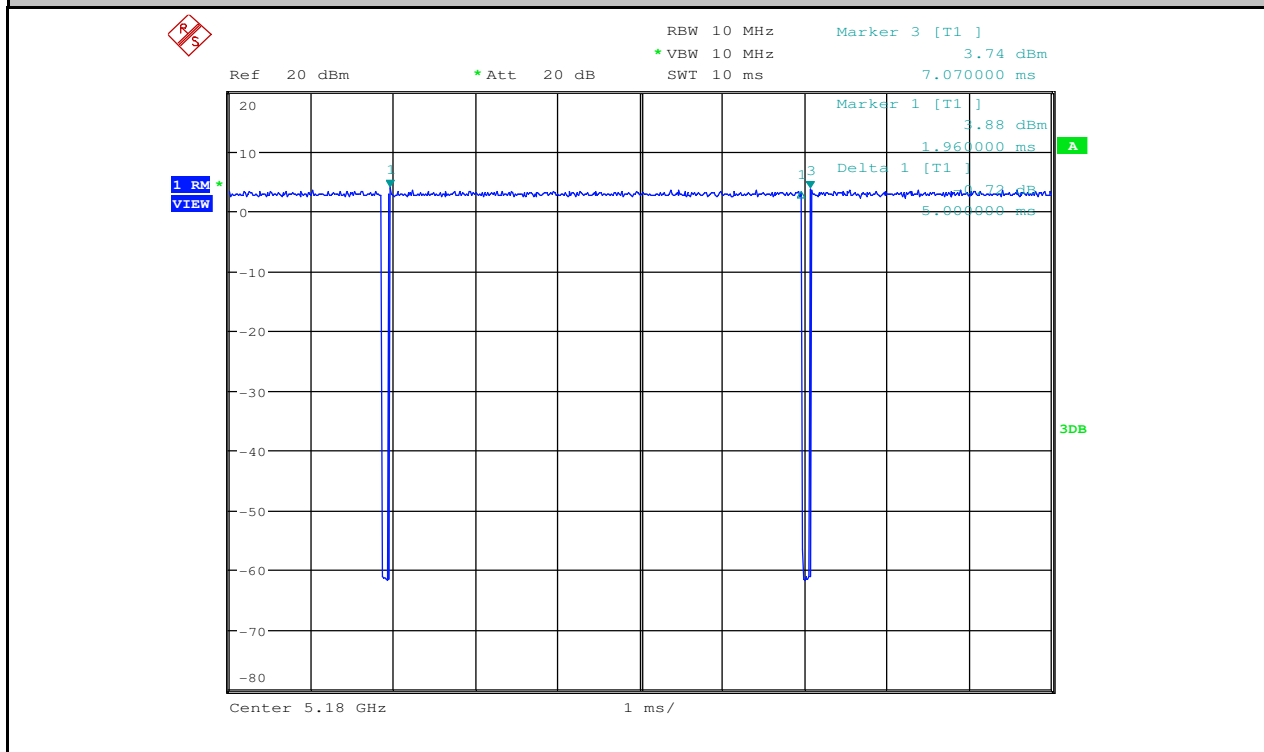
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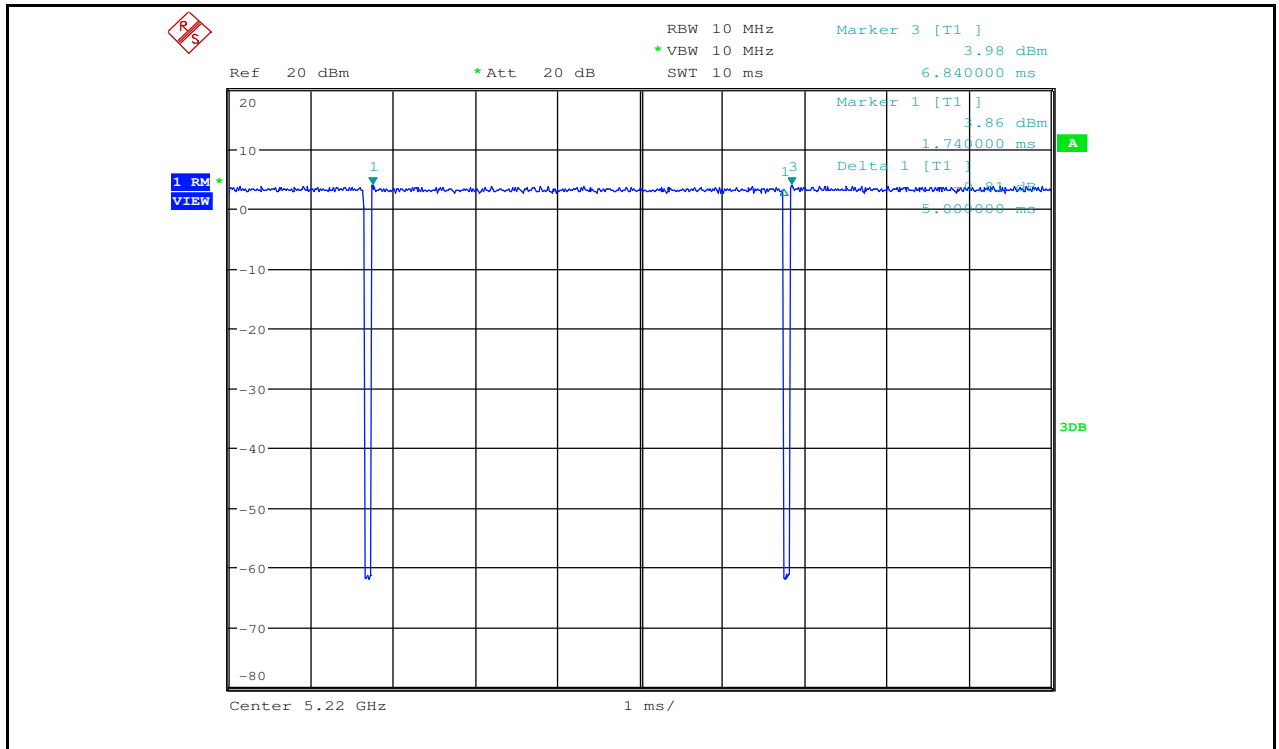
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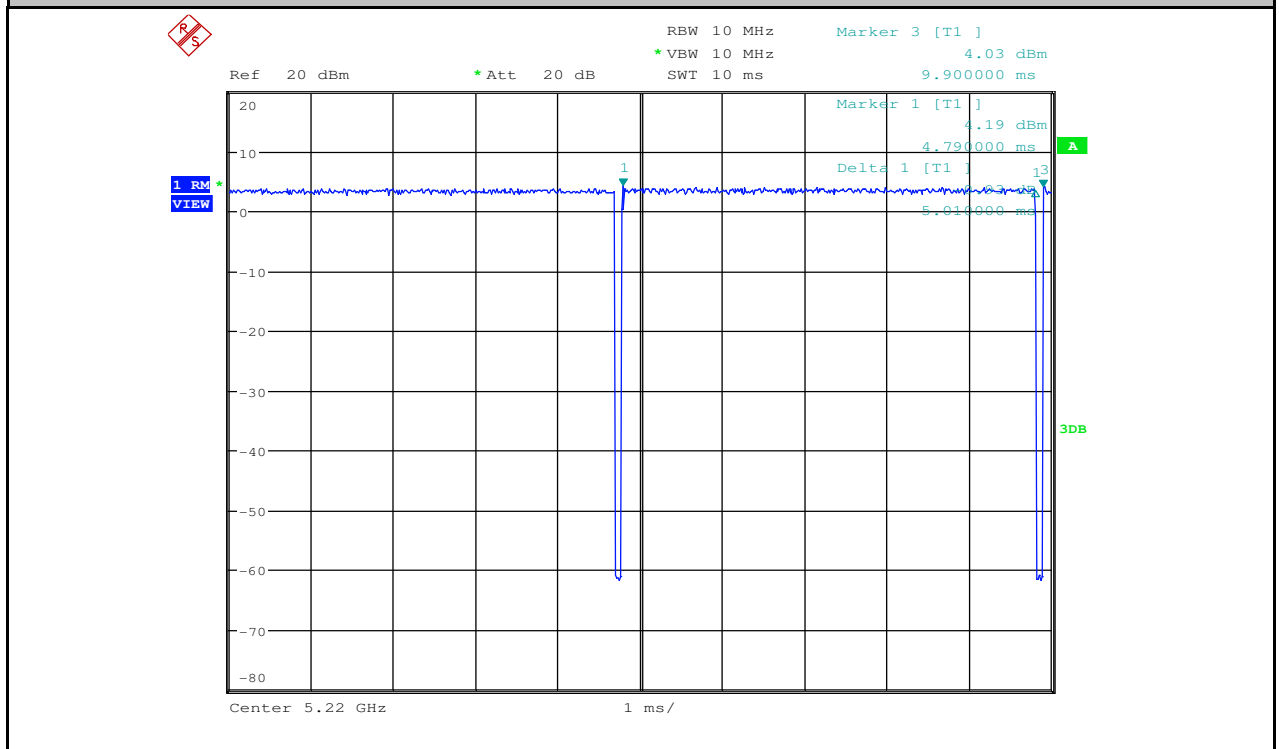
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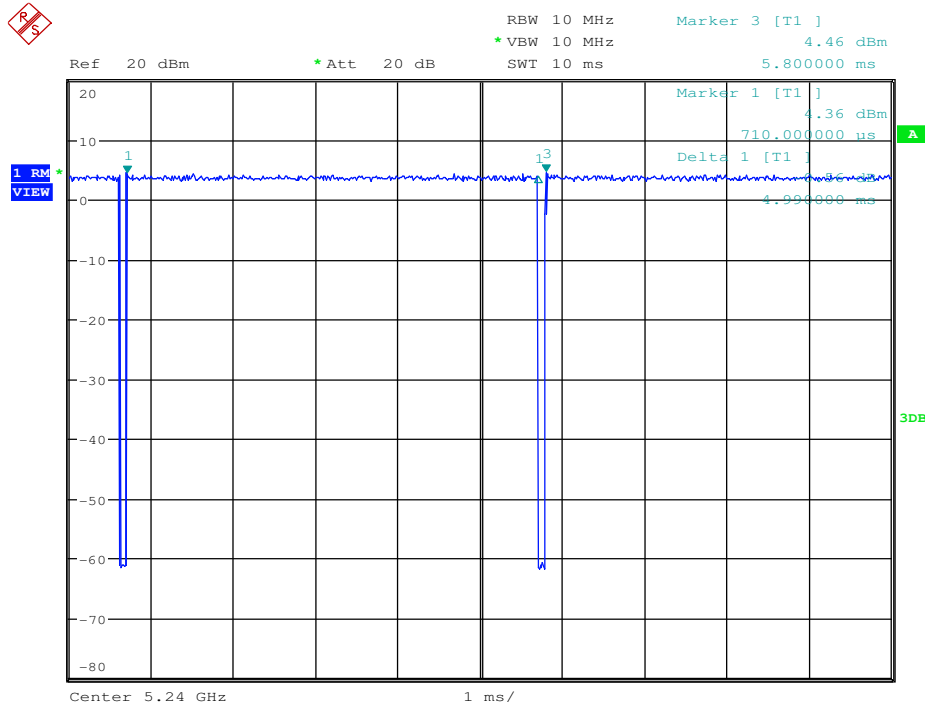


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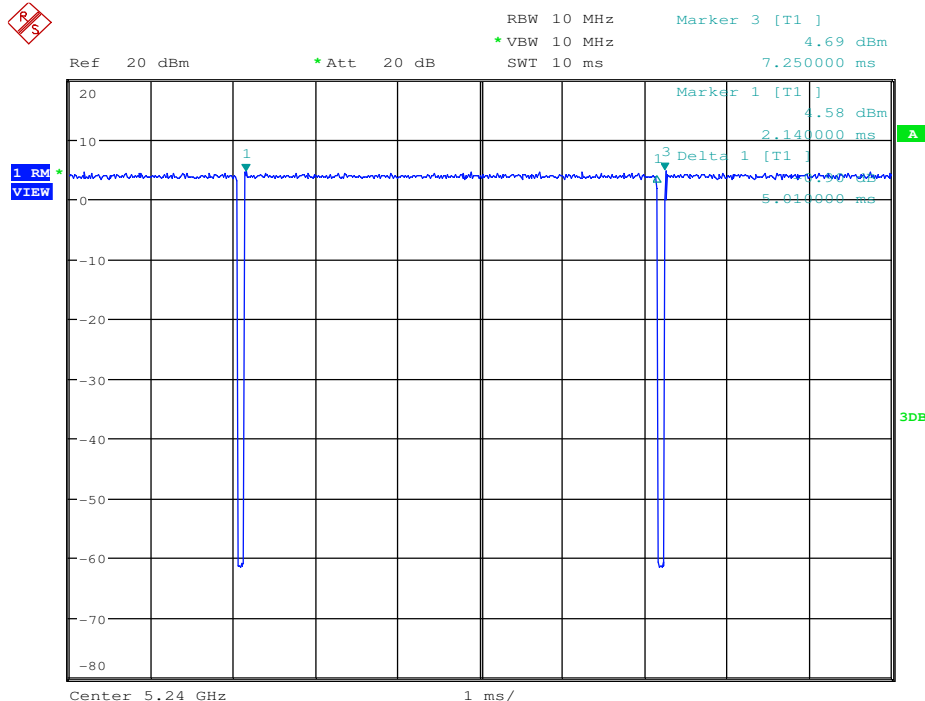


Duty Cycle_11N20_5240_Ant1





Duty Cycle_11N20_5240_Ant2



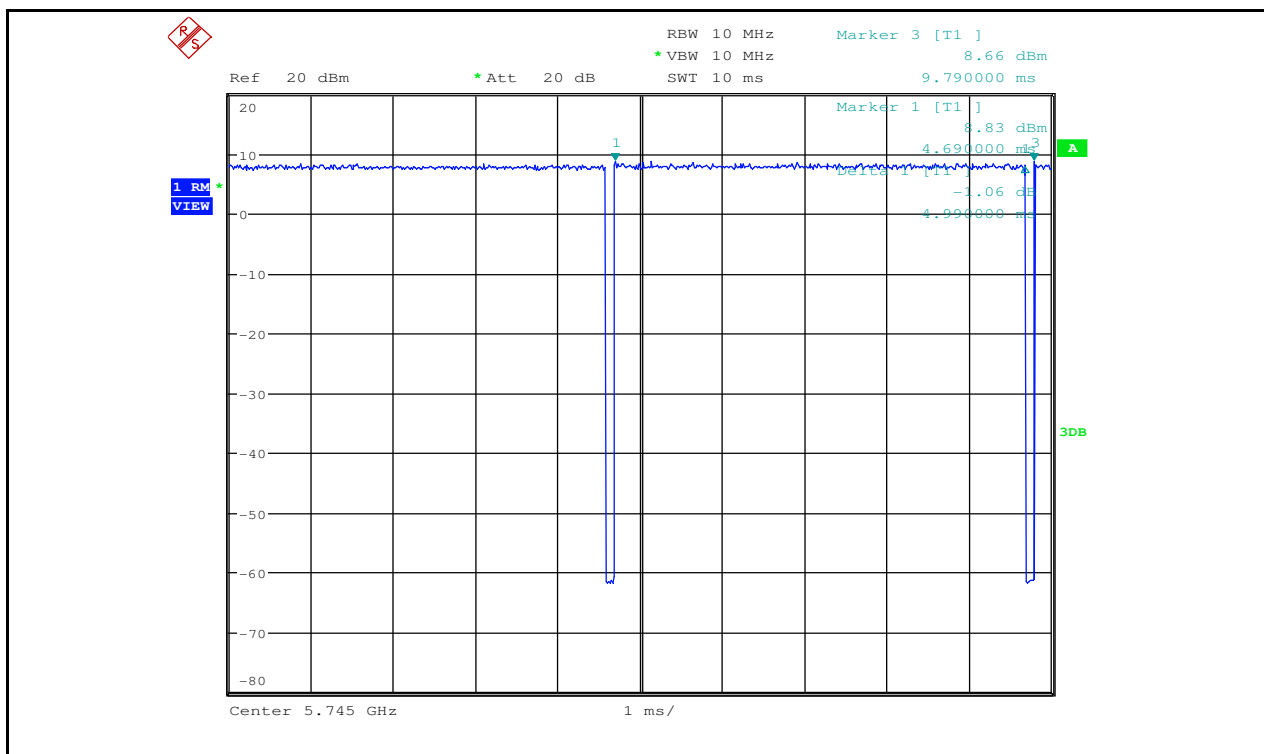
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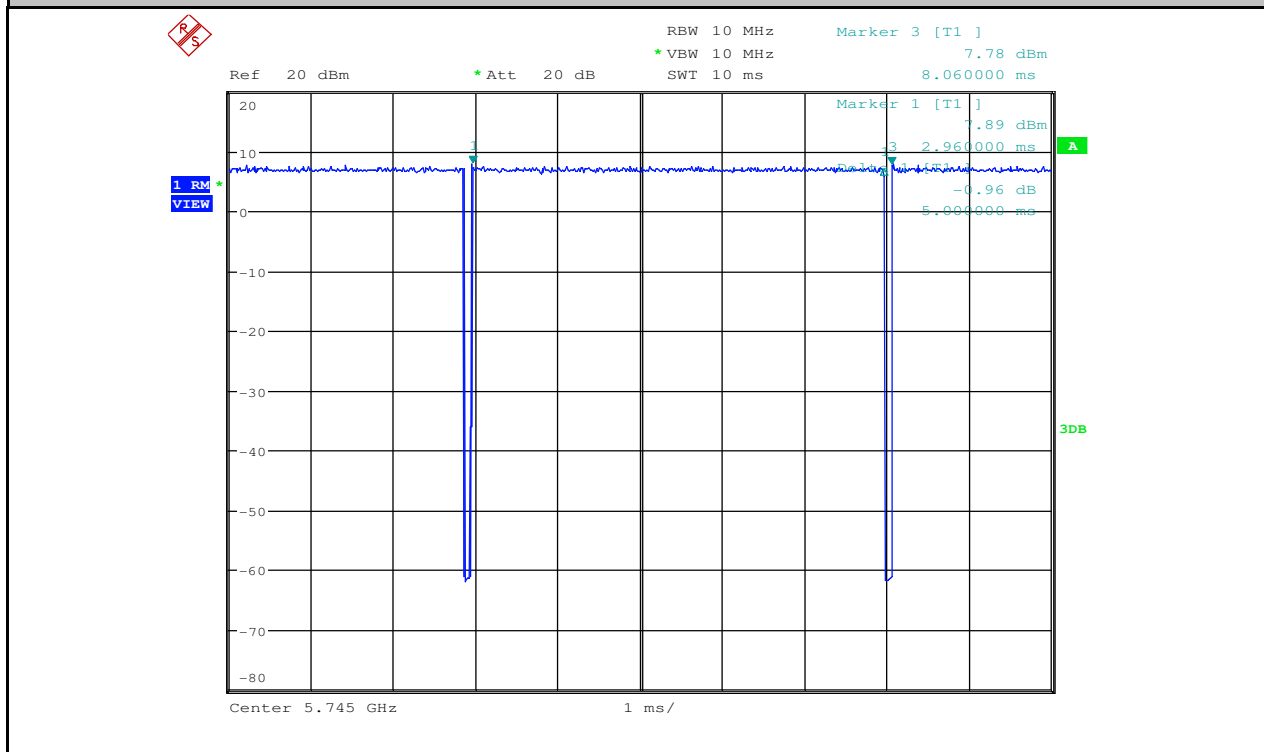
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Duty Cycle_11N20_5745_Ant2



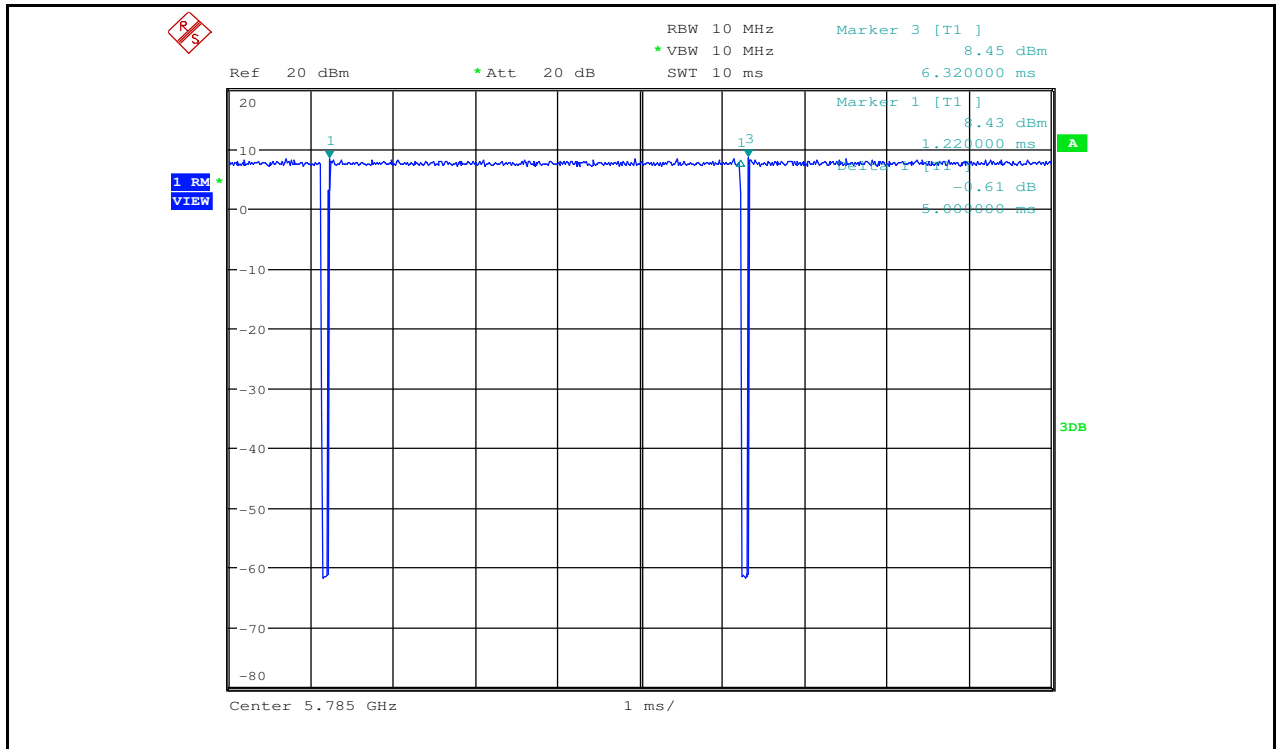
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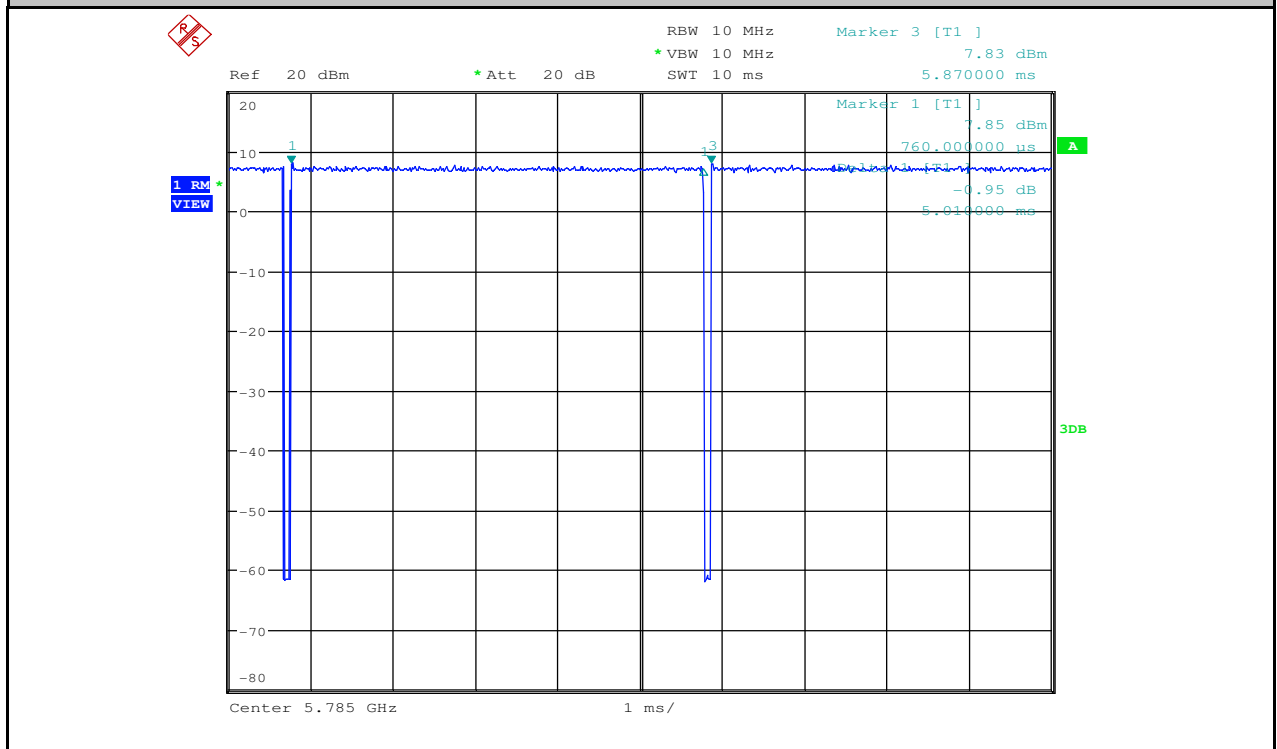
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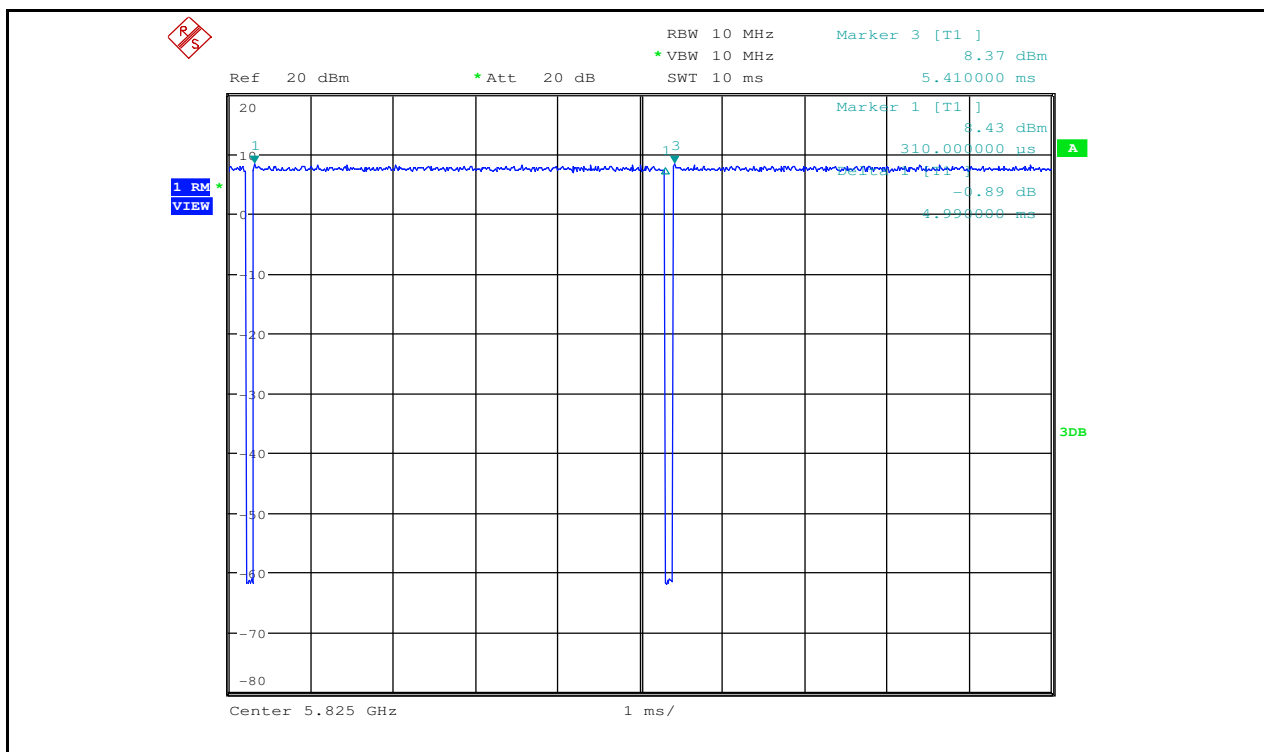


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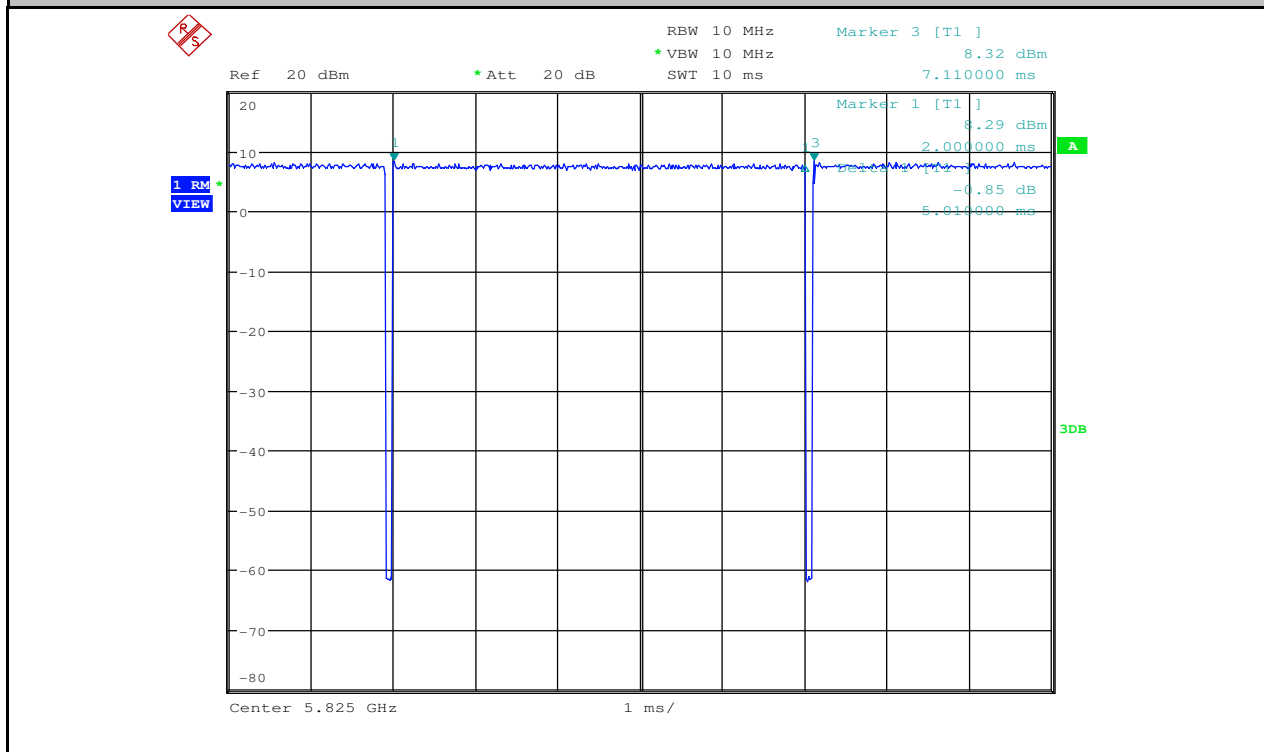


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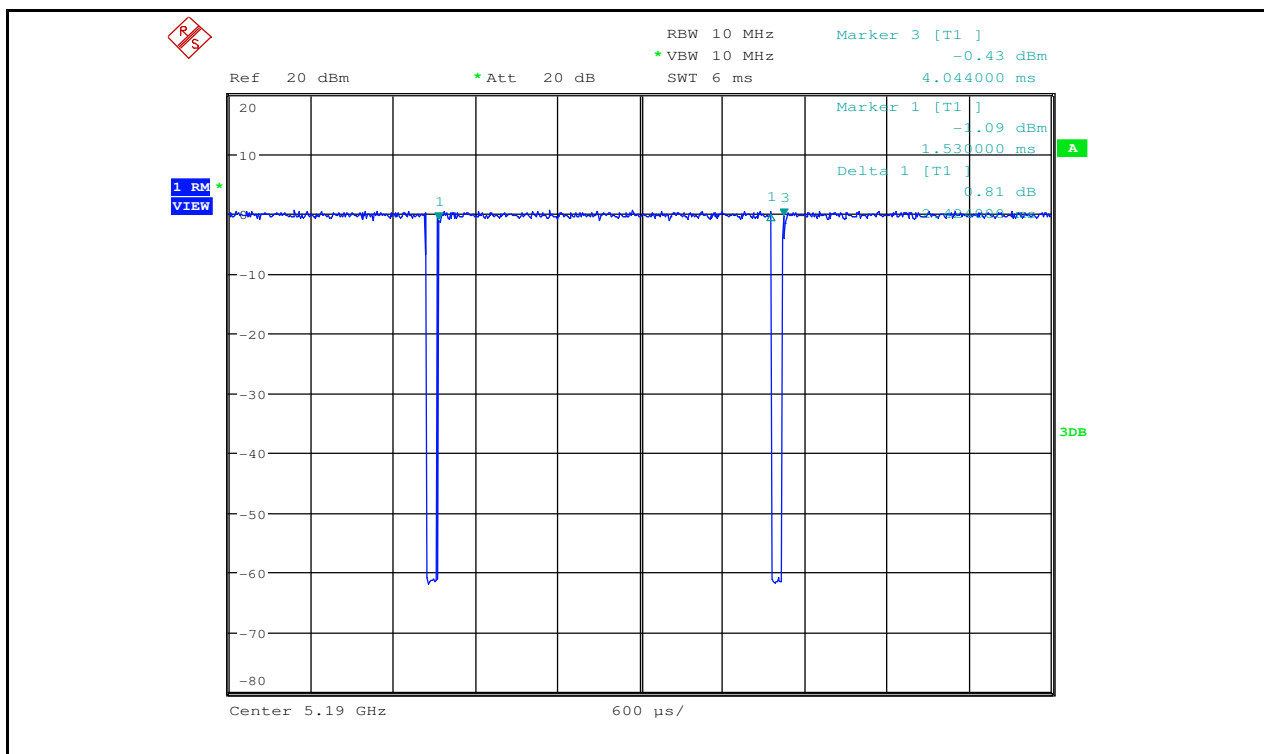
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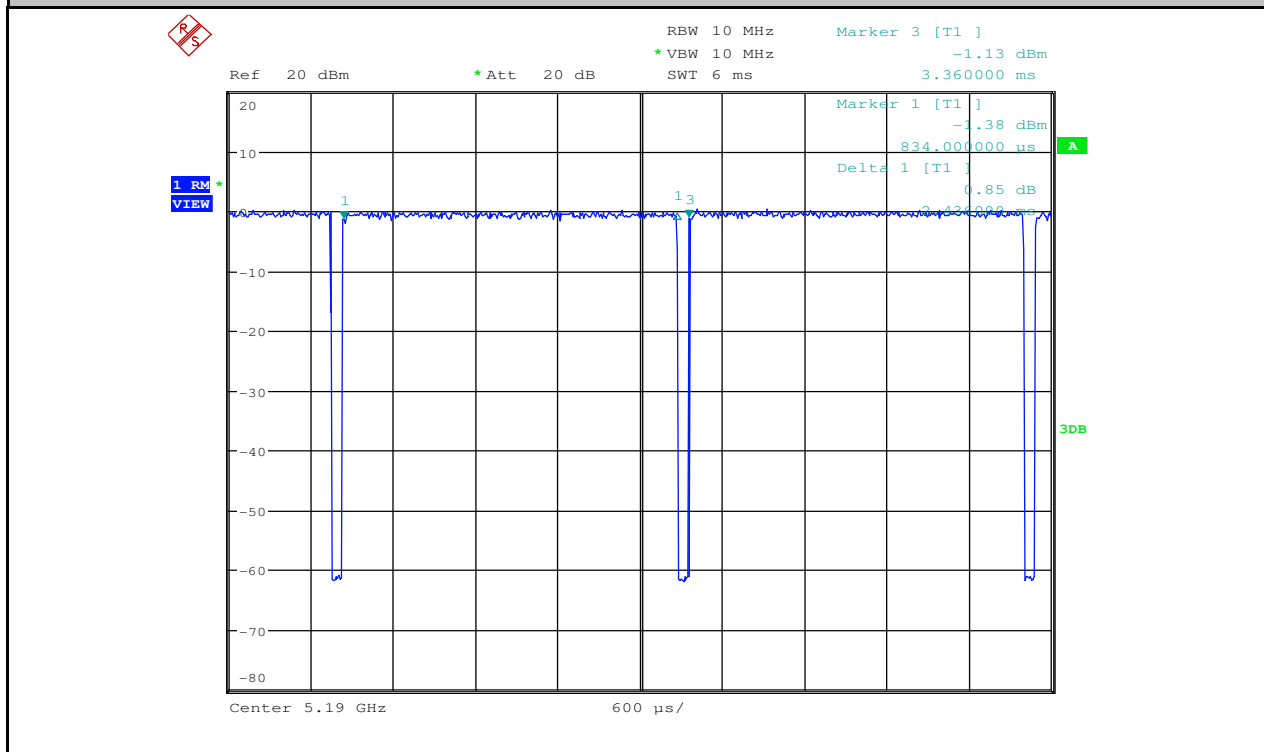
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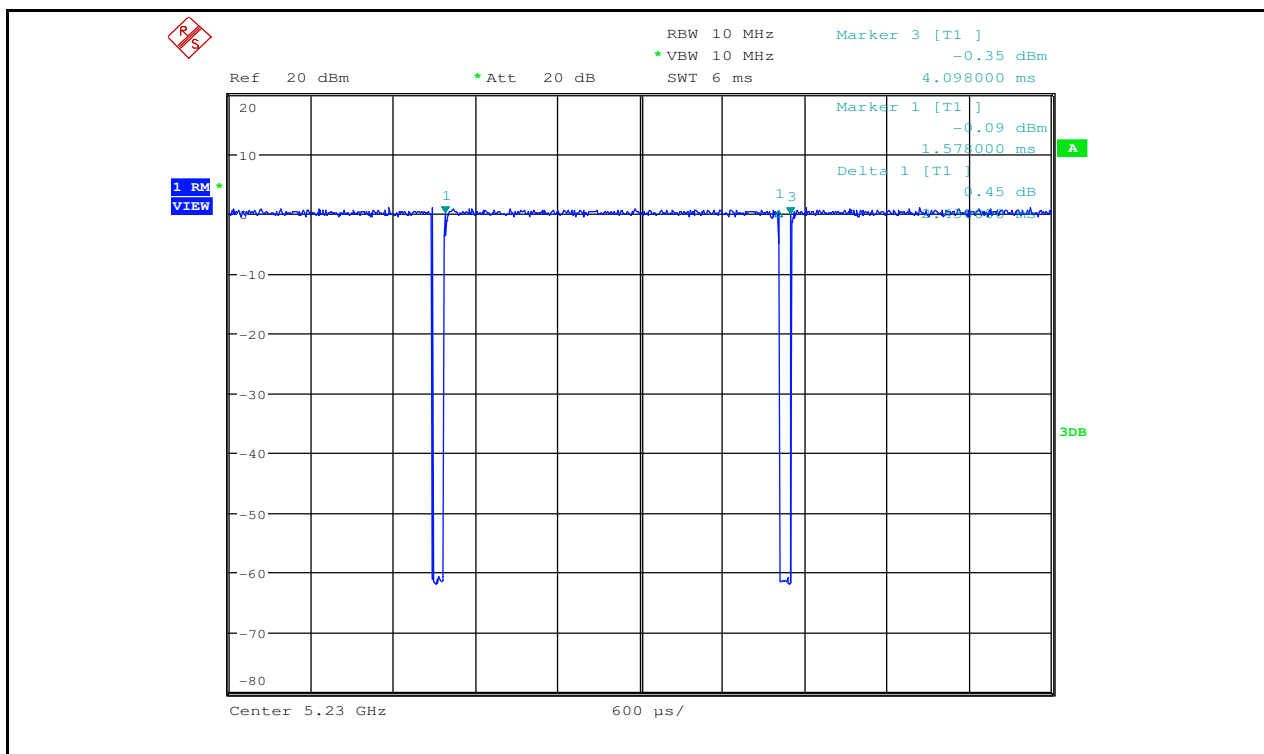
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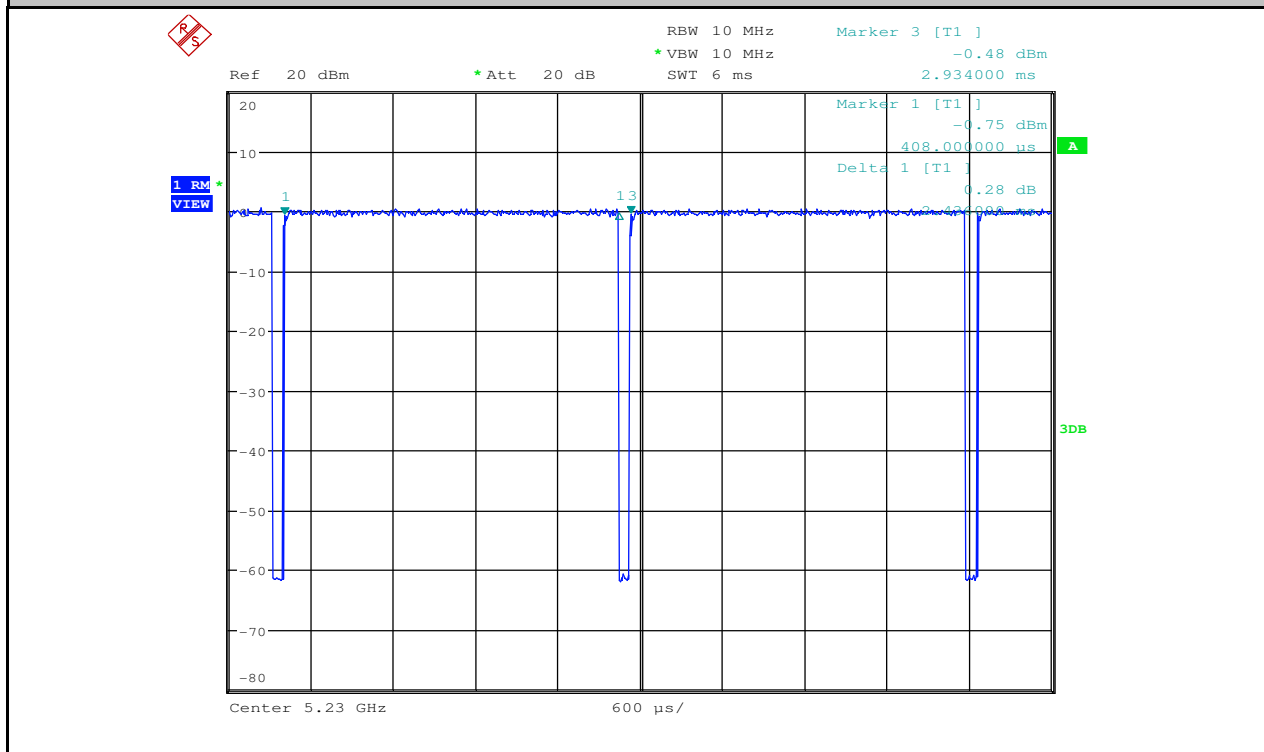
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Duty Cycle_11N40_5230_Ant1



Duty Cycle_11N40_5230_Ant2



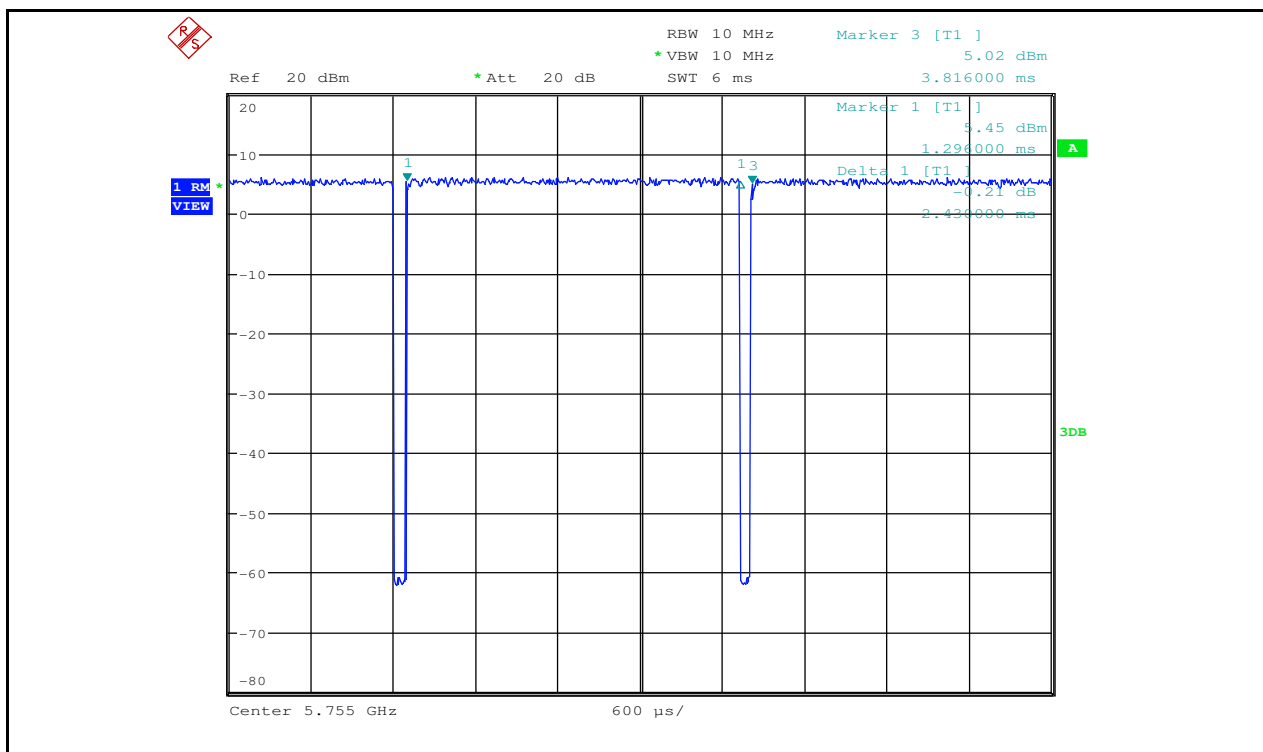
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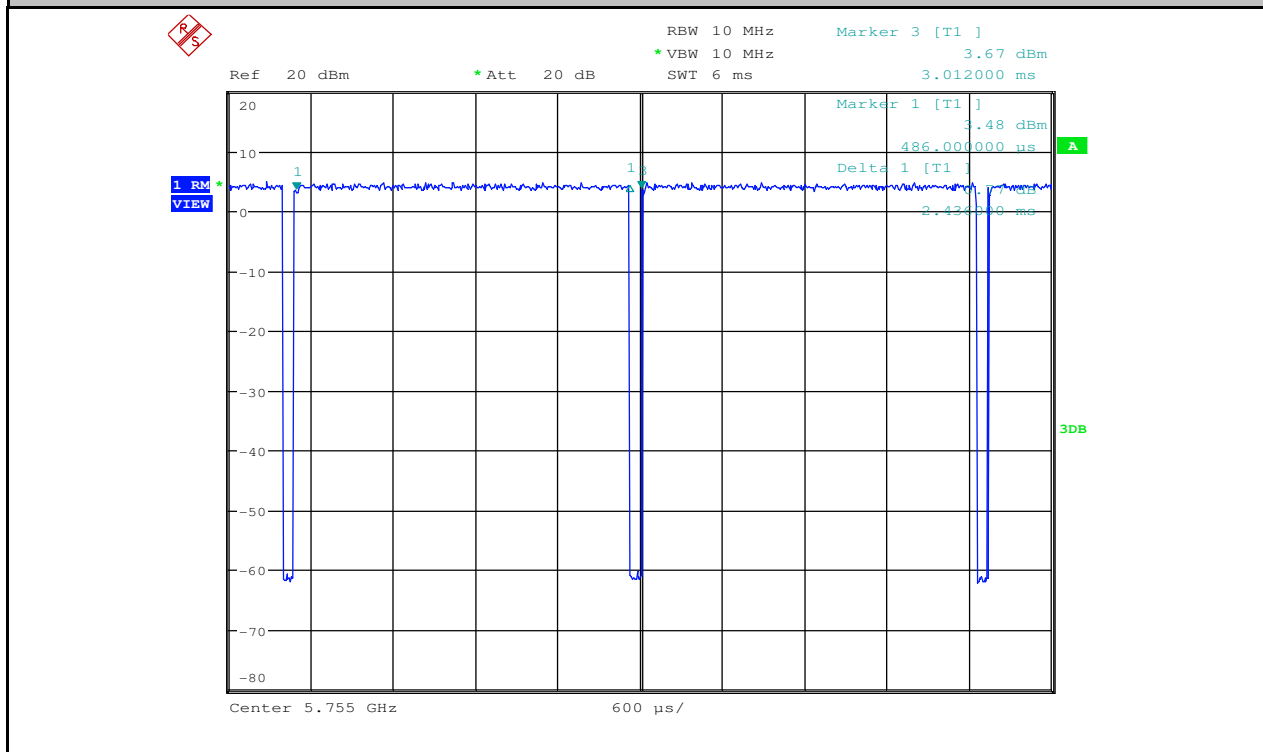
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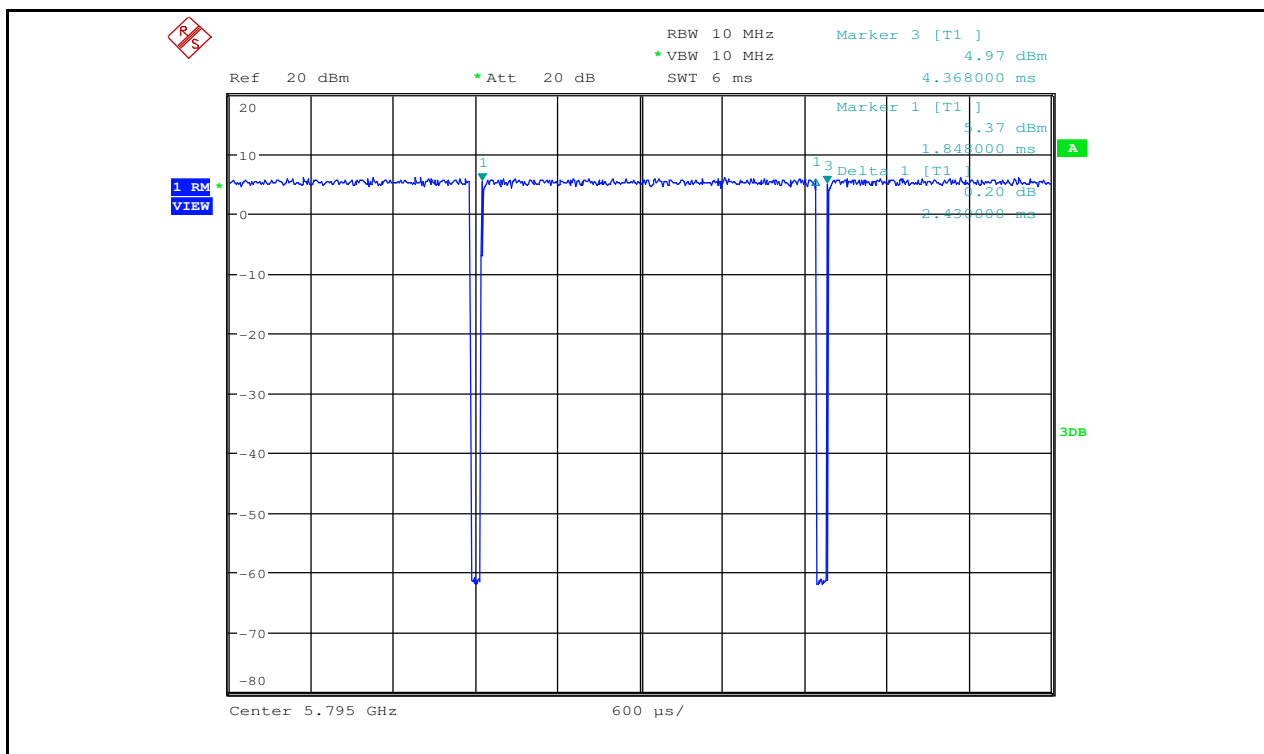
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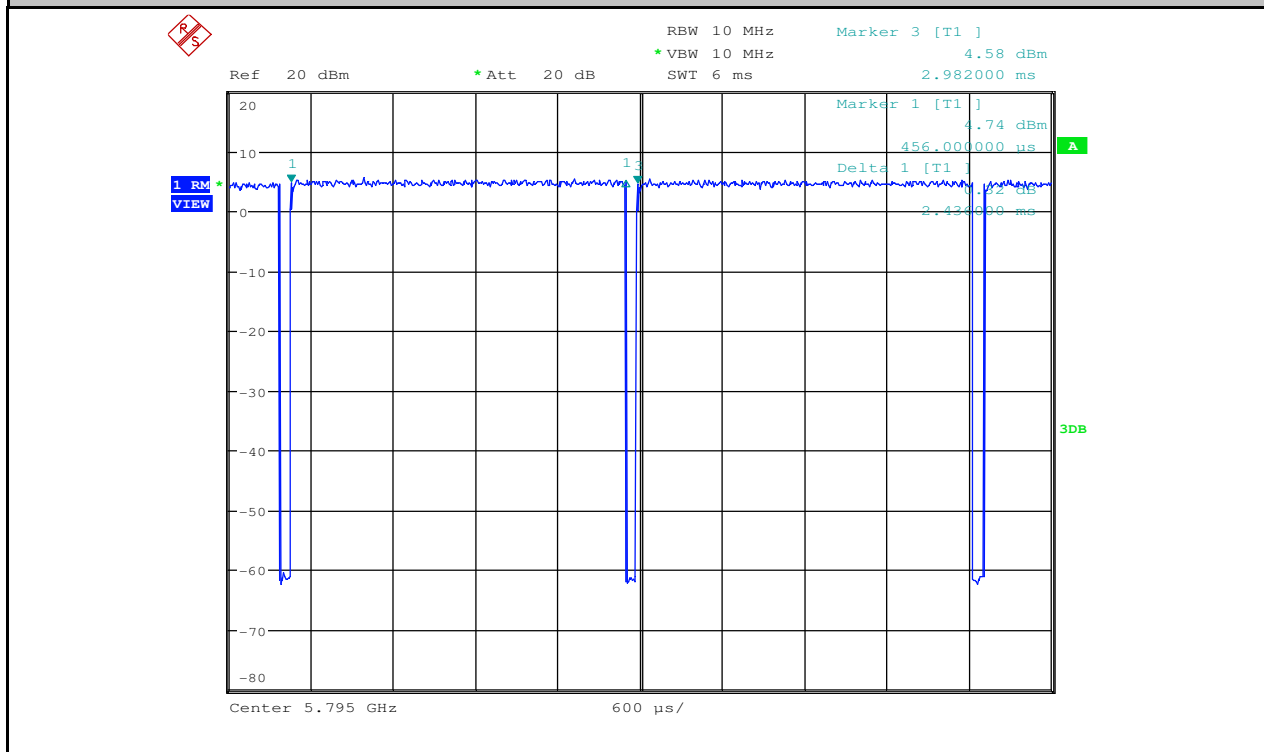
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Duty Cycle_11N40_5795_Ant2



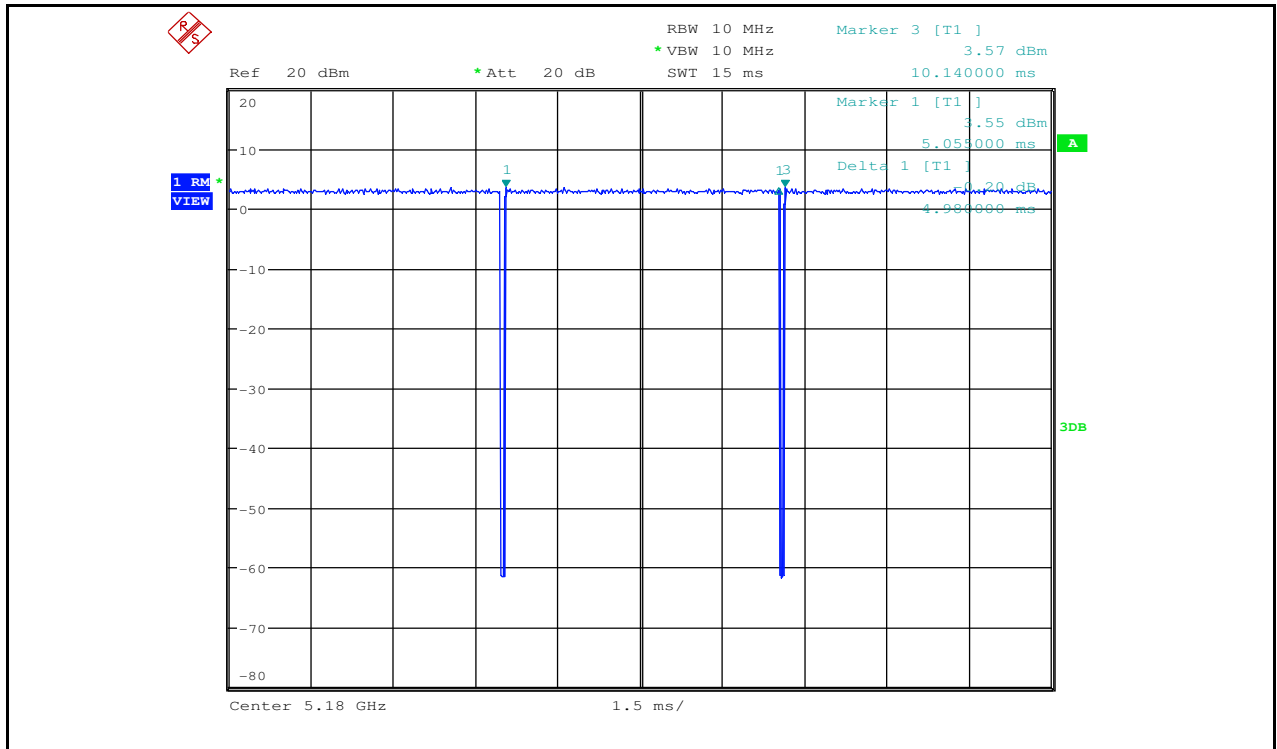
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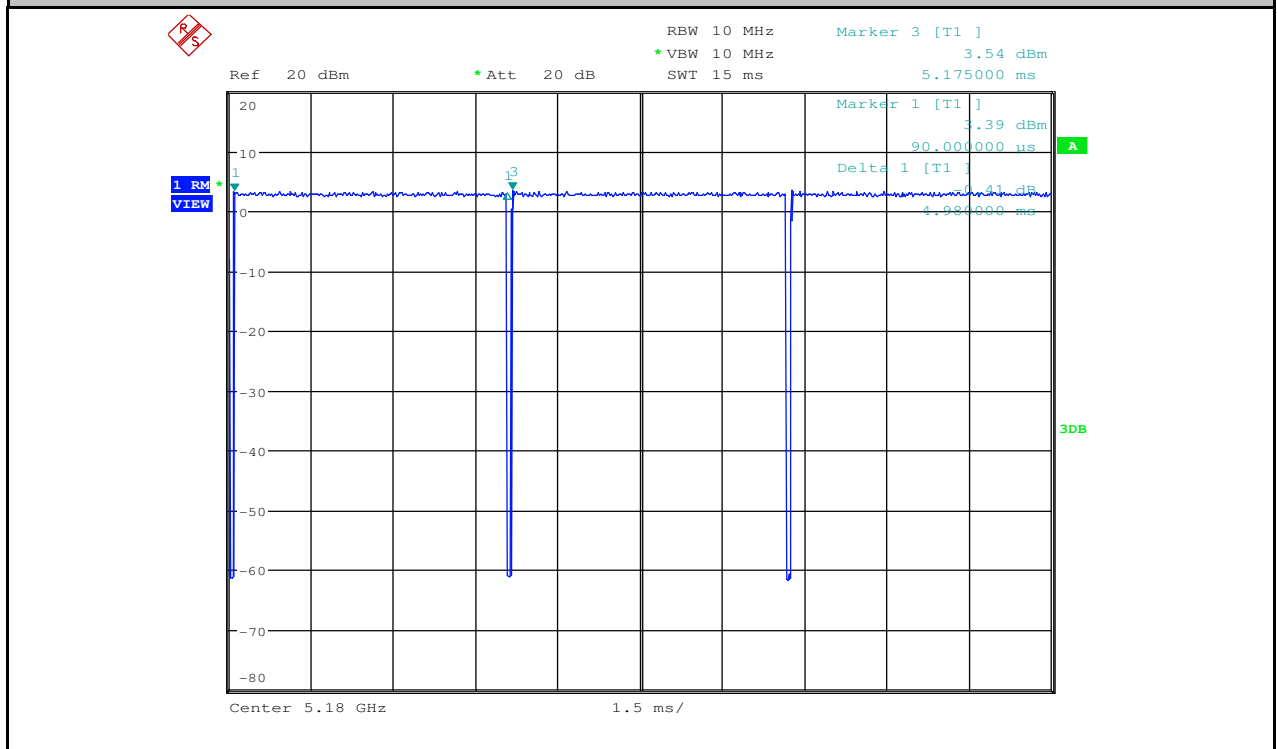
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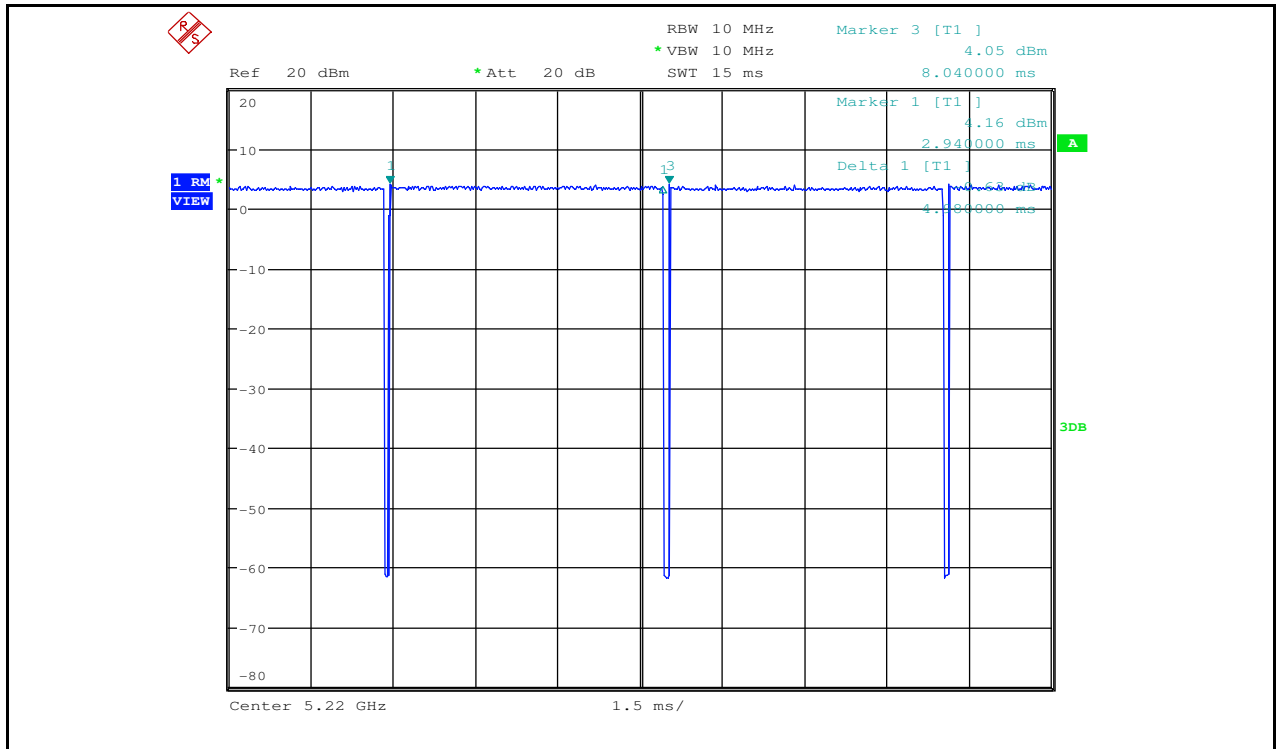


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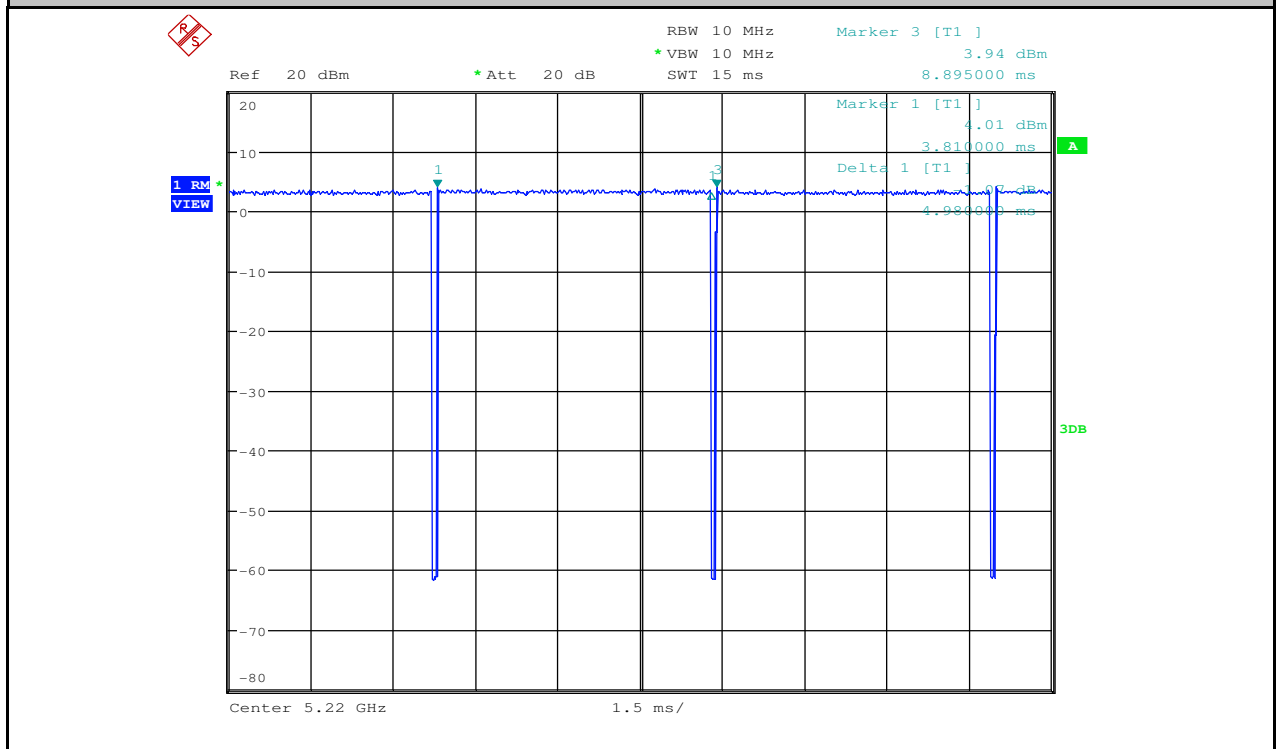


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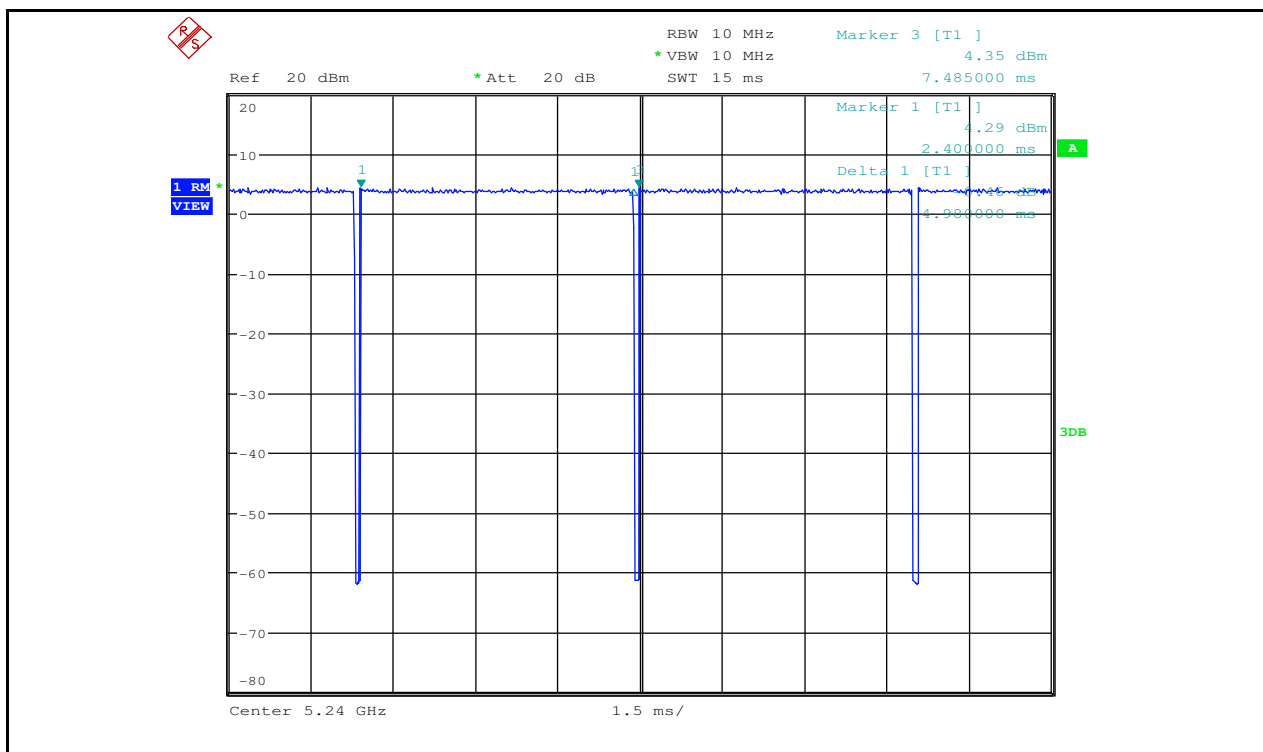


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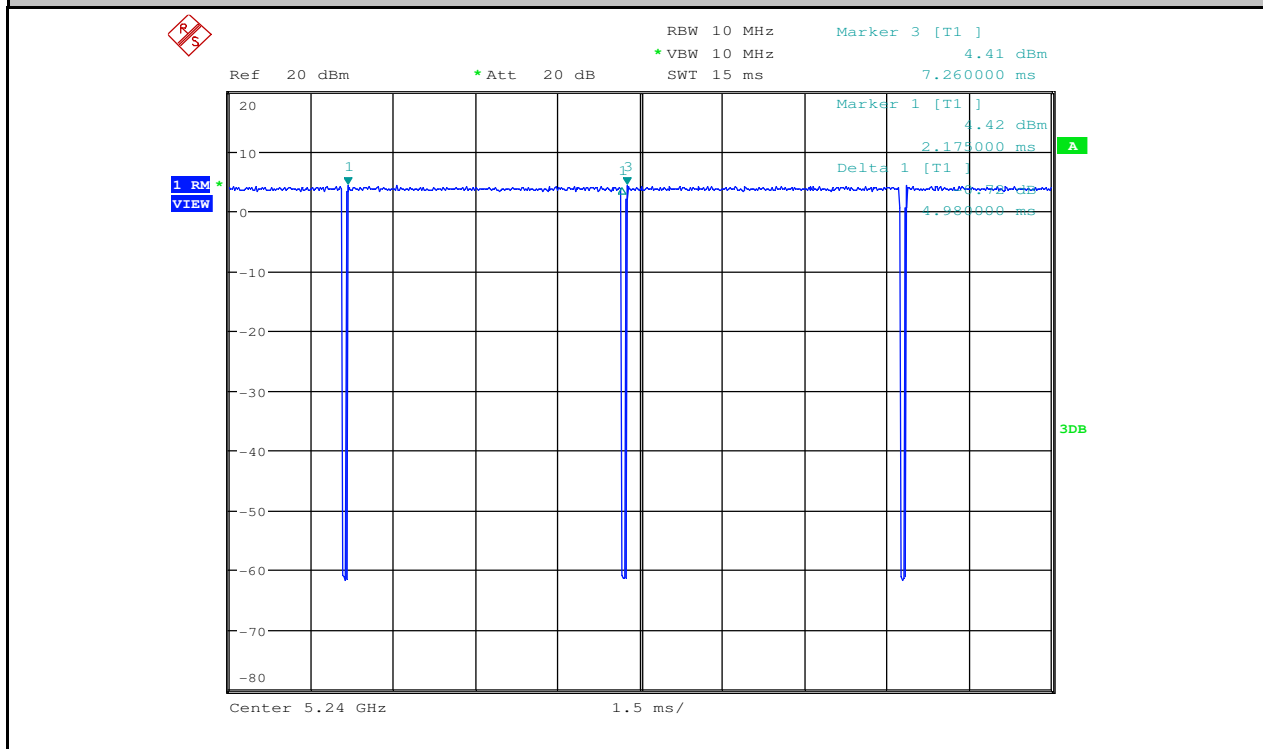


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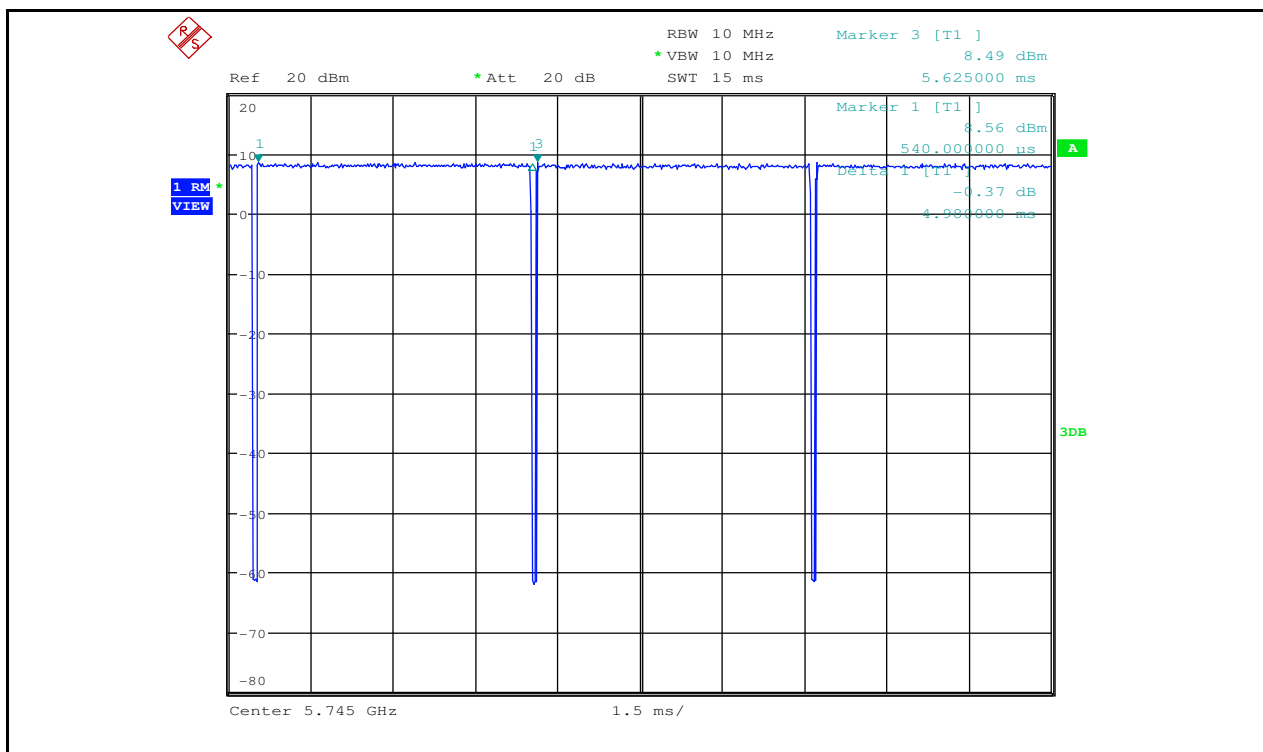
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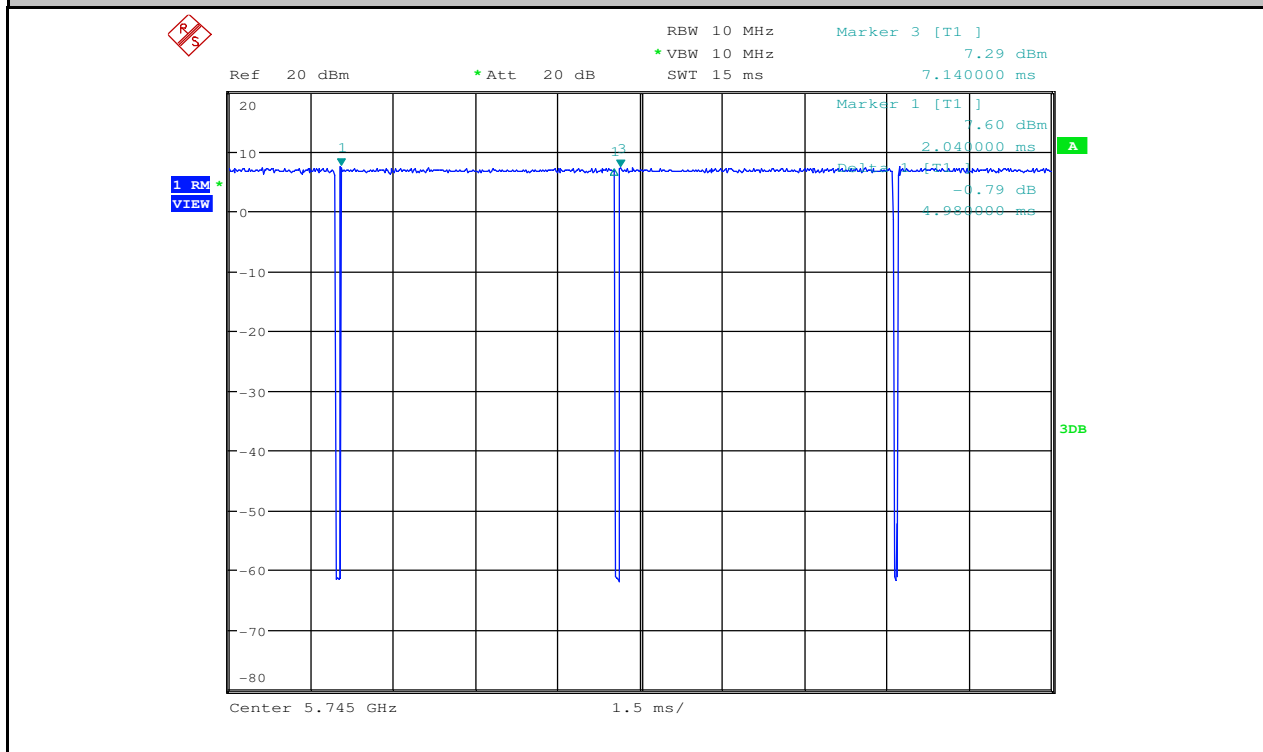
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Duty Cycle_11AC20_5745_Ant1



Duty Cycle_11AC20_5745_Ant2

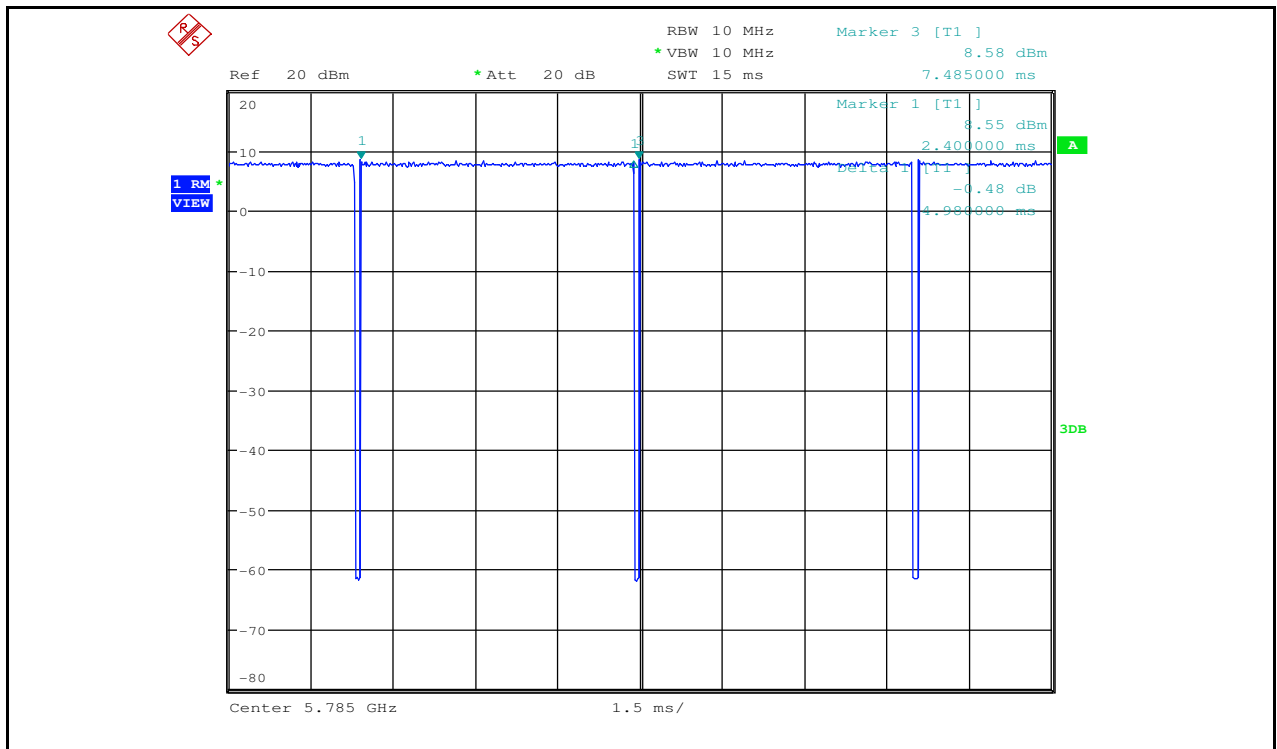


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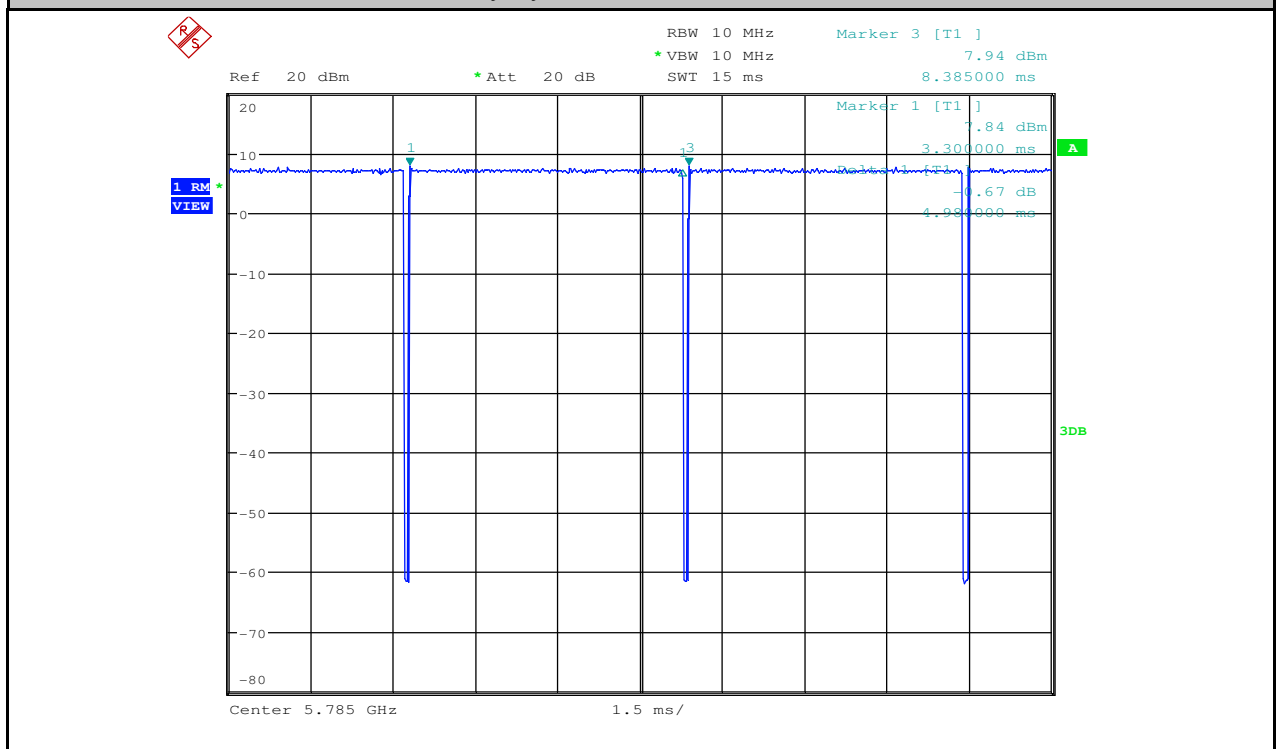


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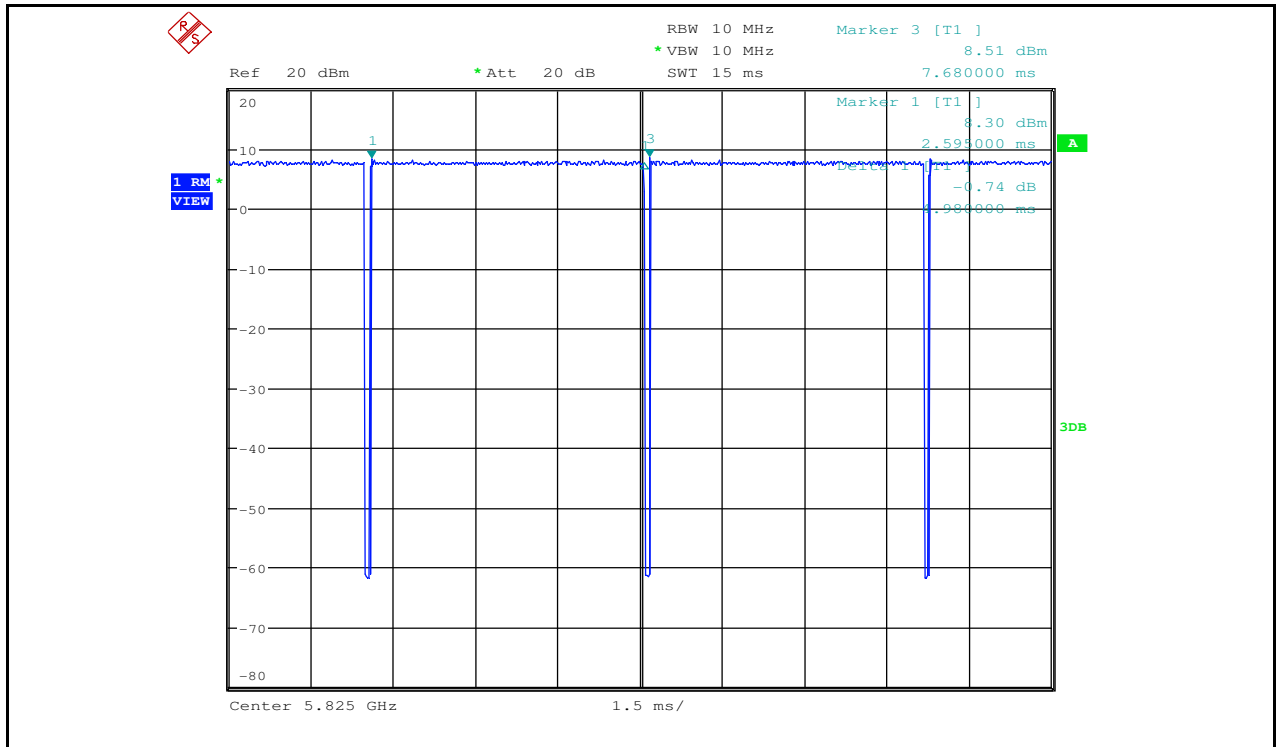


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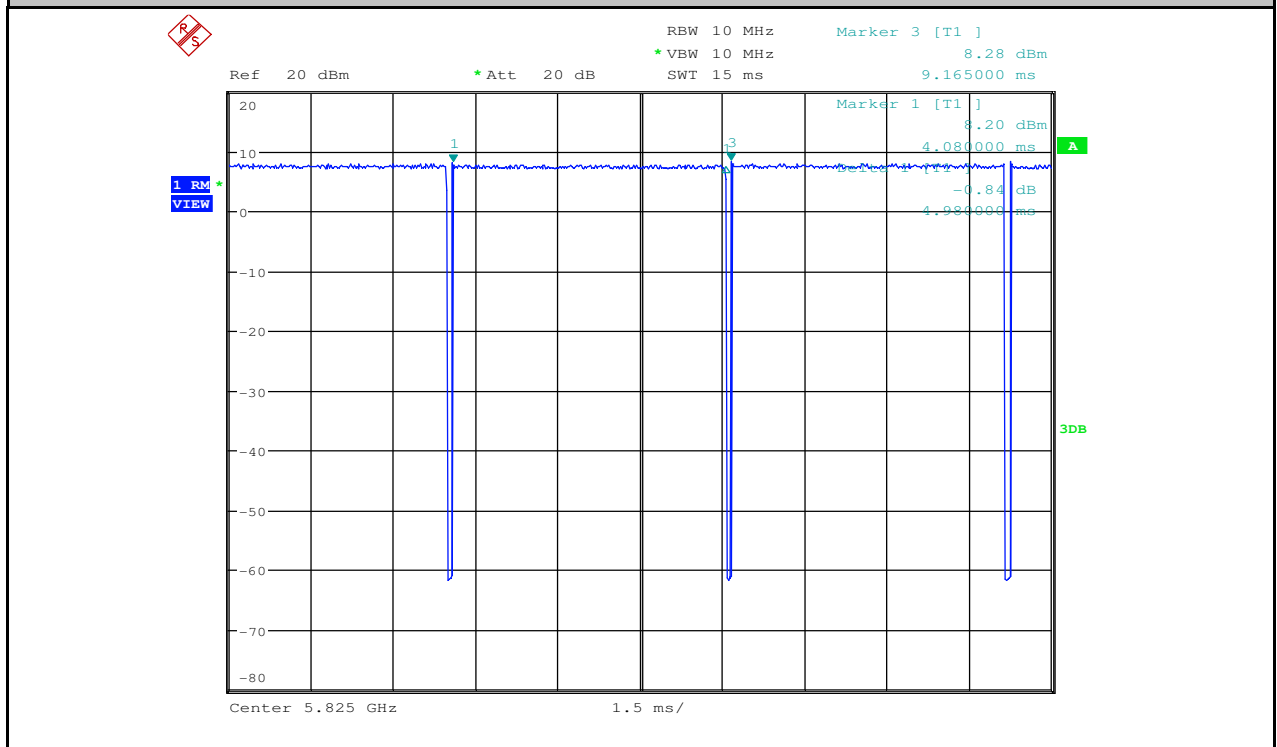


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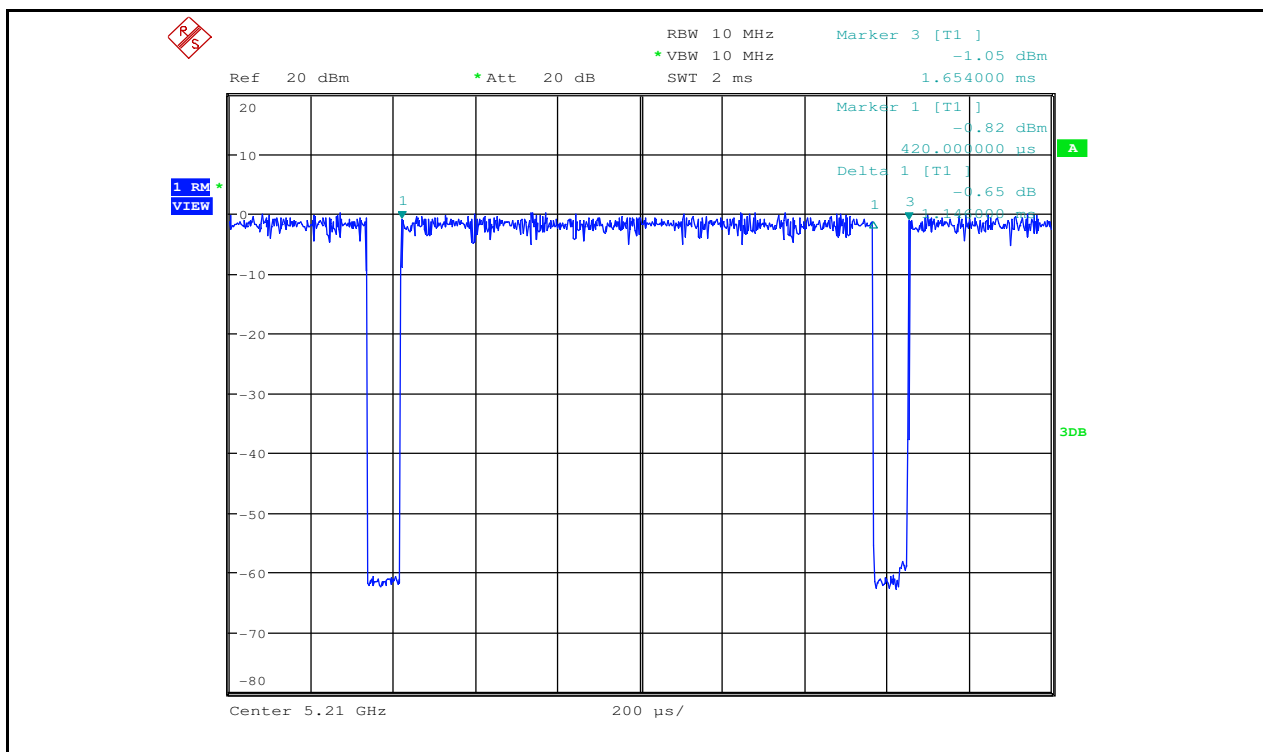
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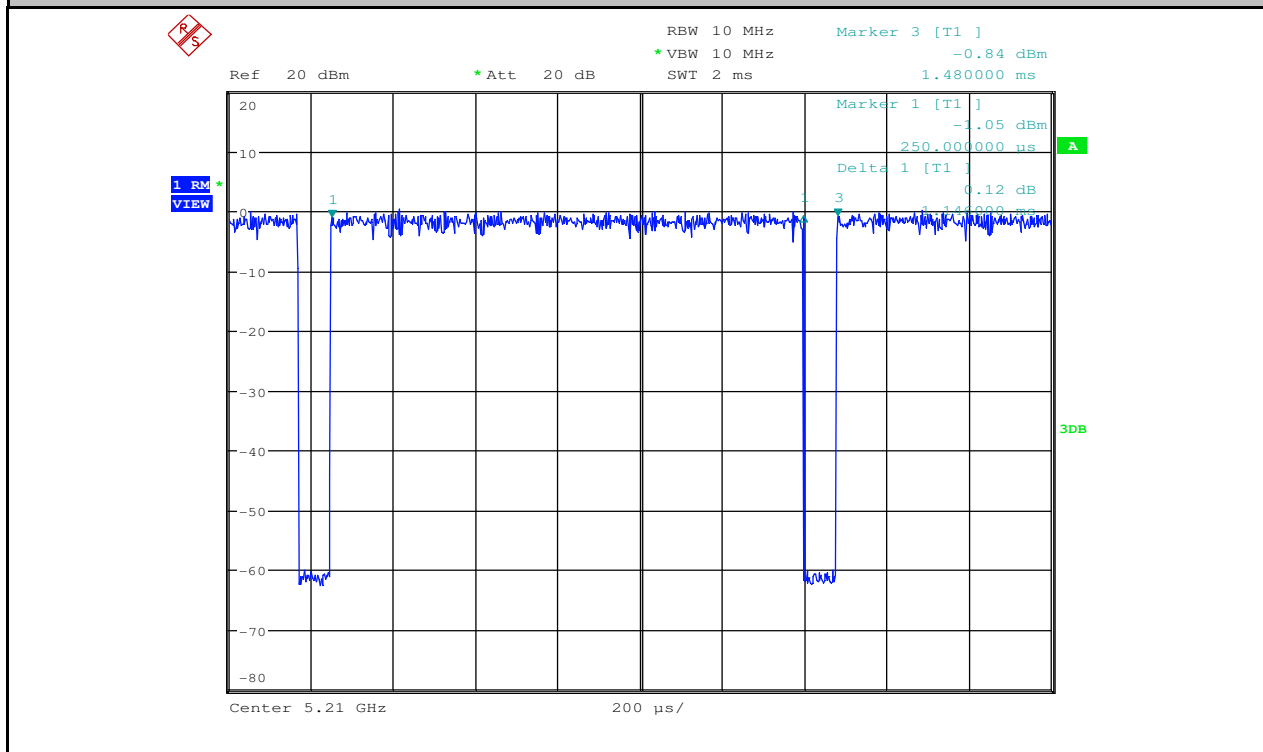
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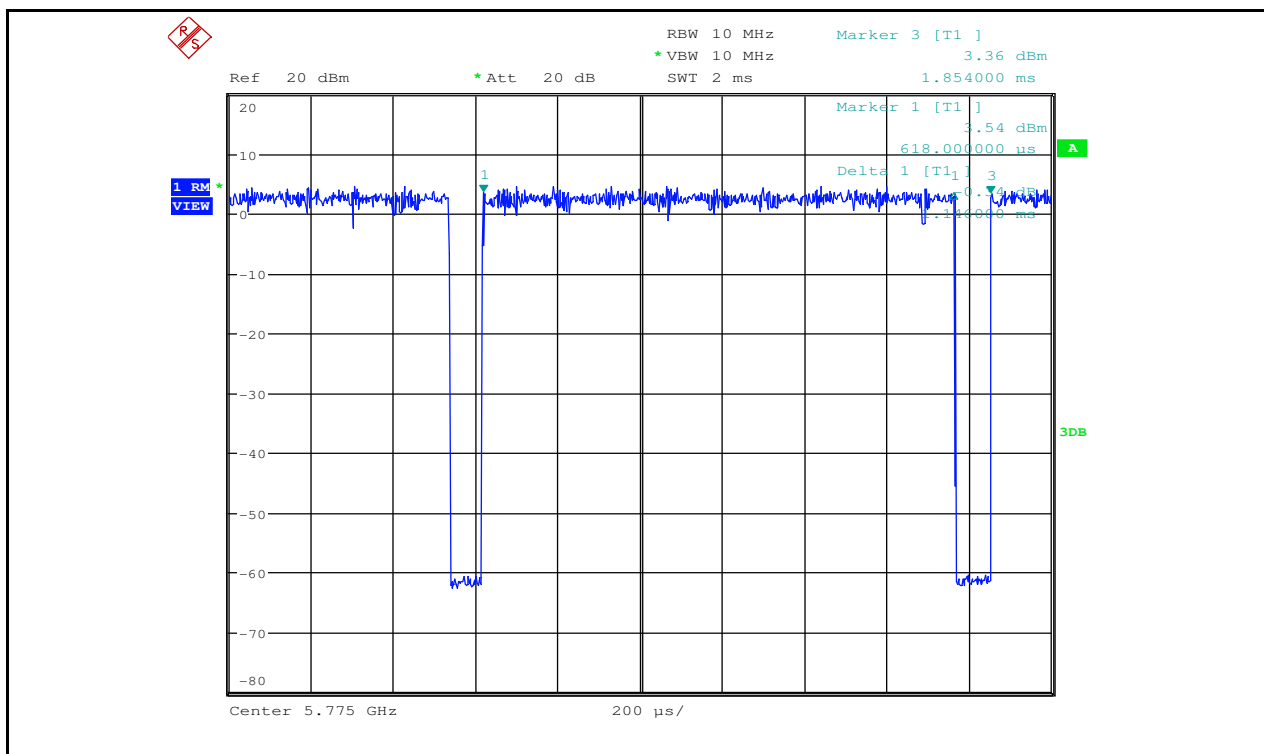
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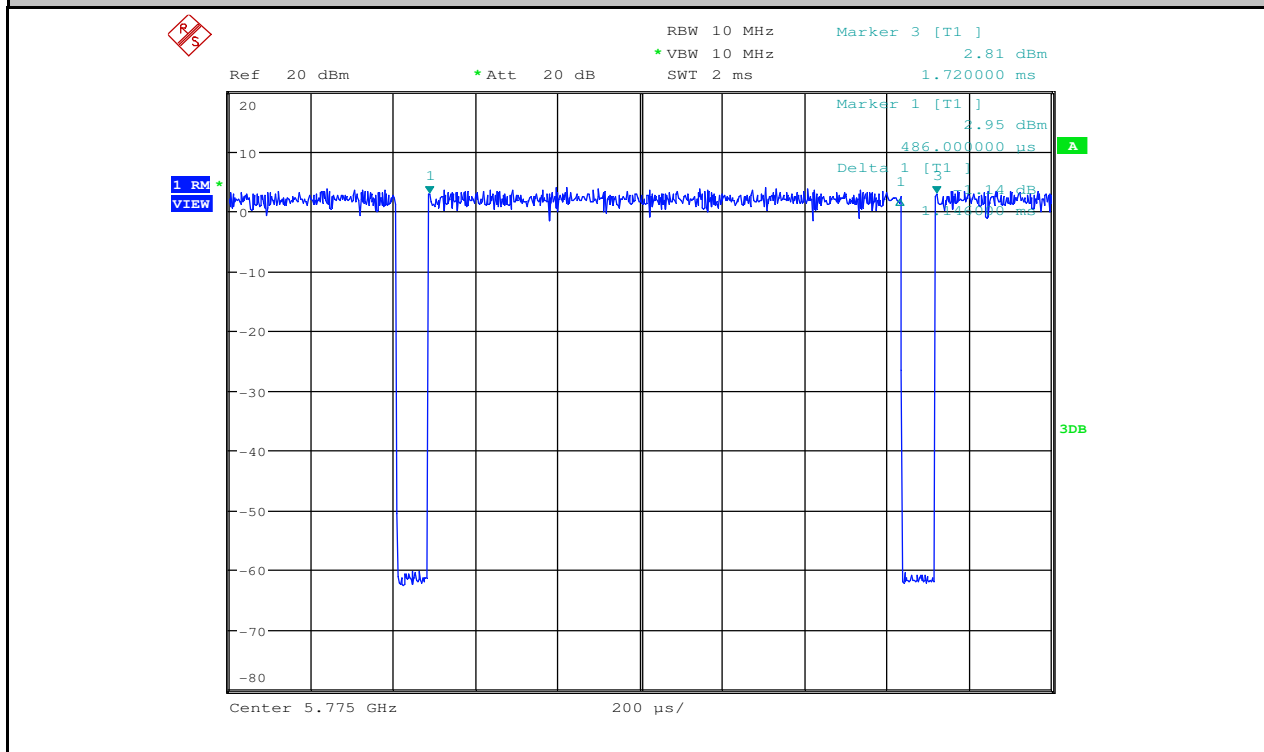
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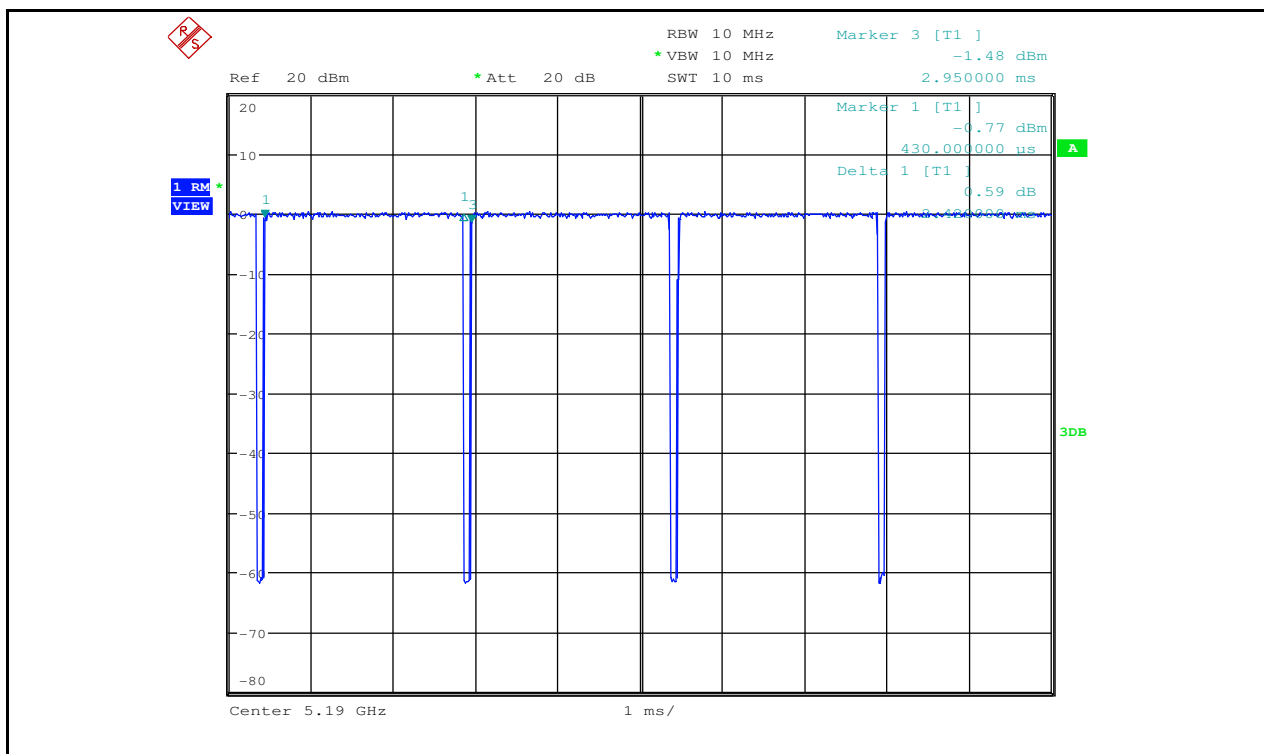
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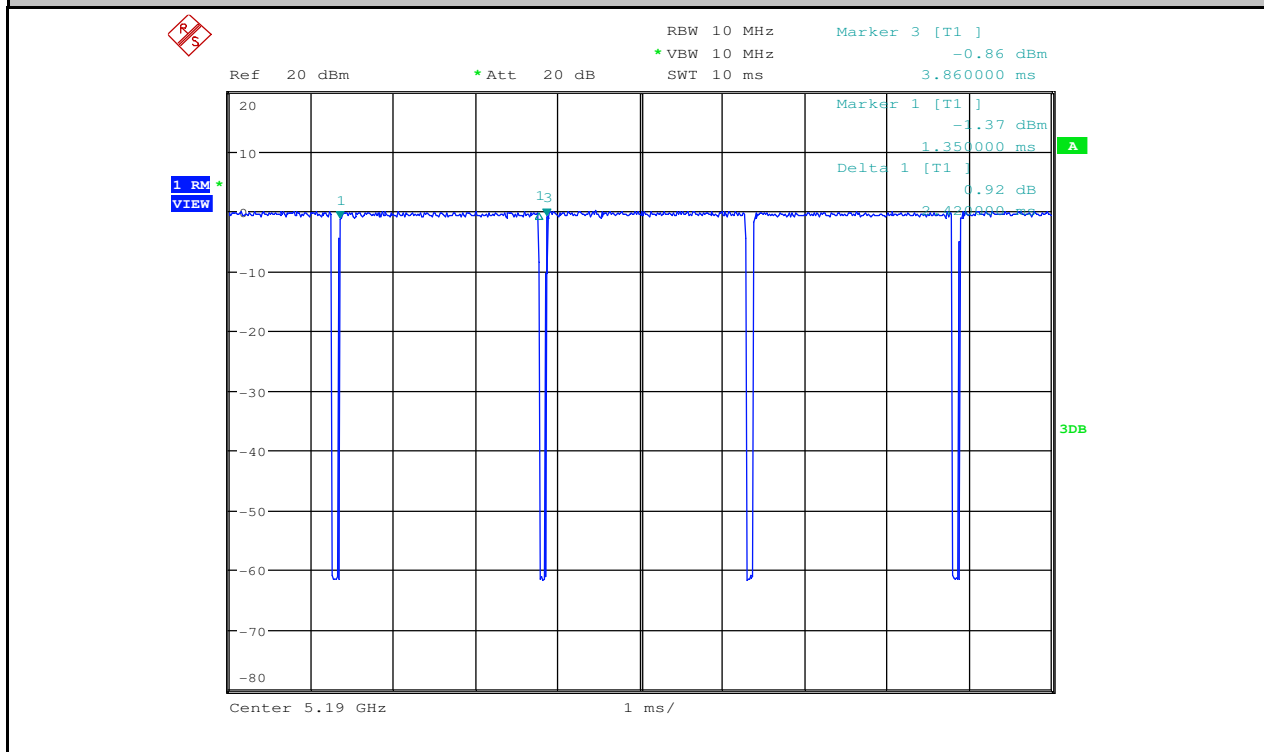
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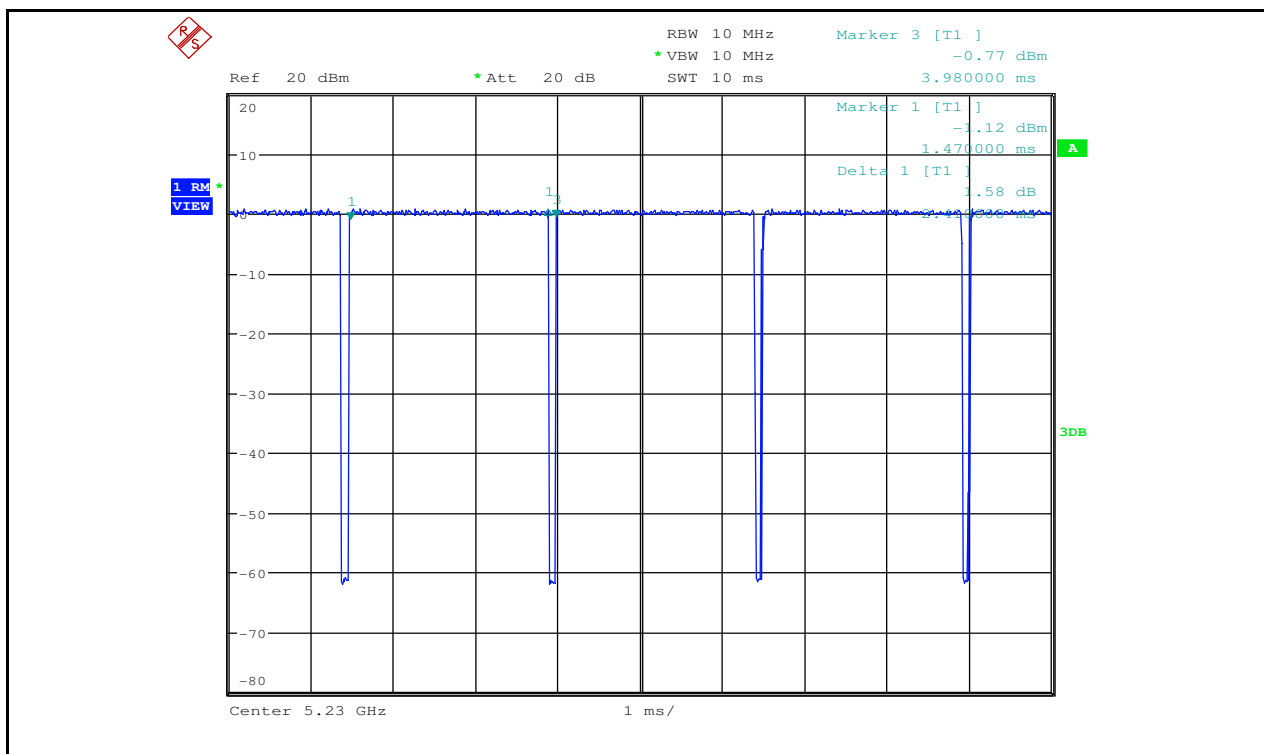
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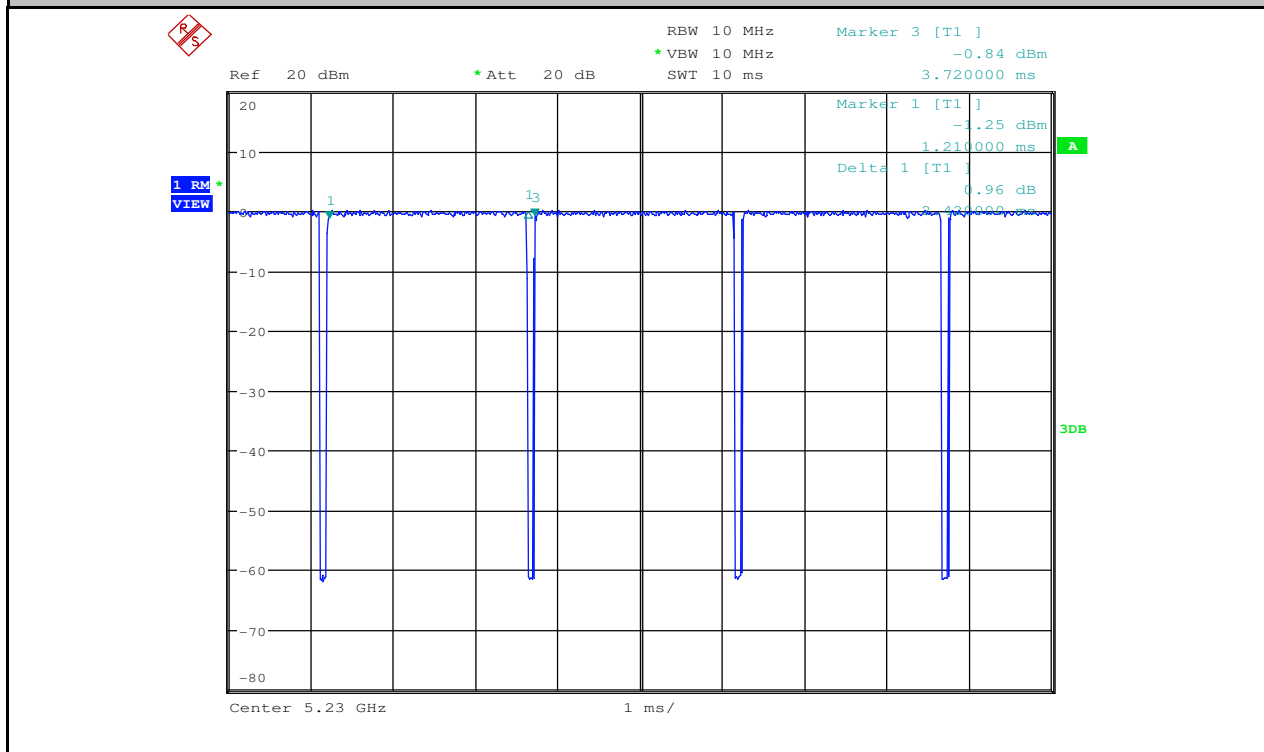
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Duty Cycle_11AC40_5230_Ant1



Duty Cycle_11AC40_5230_Ant2



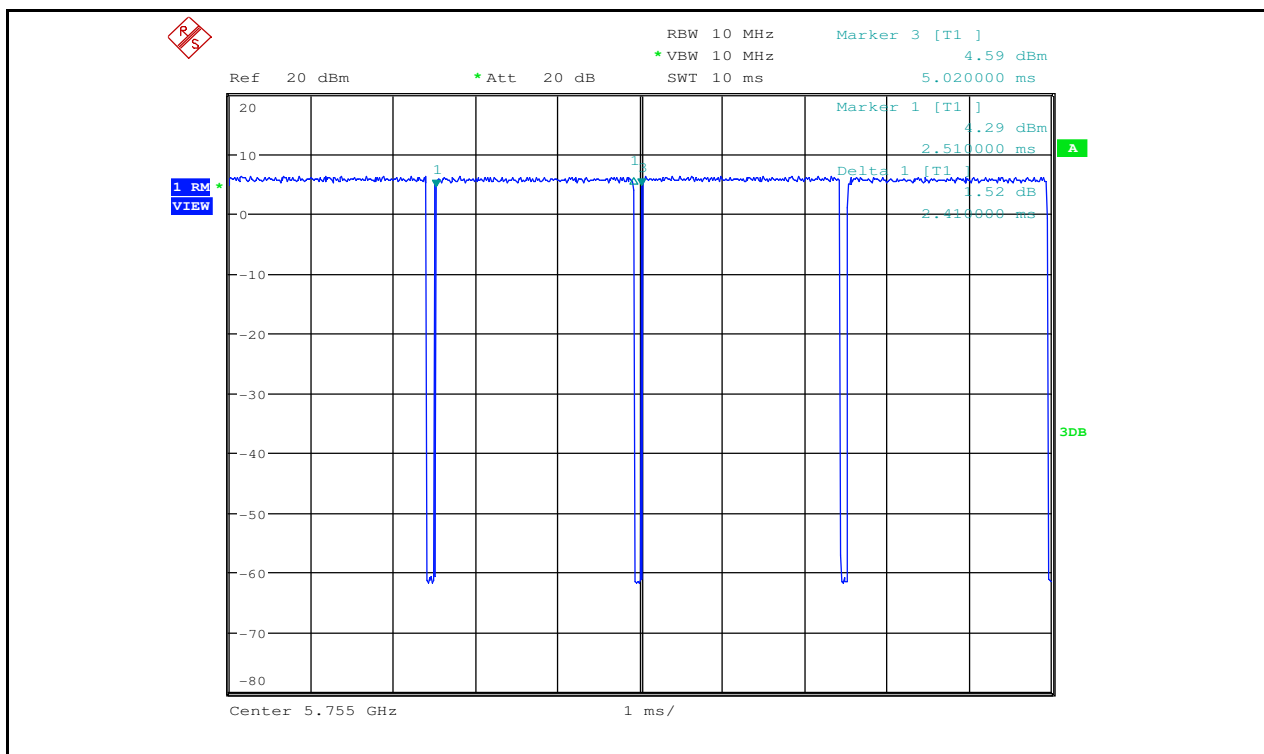
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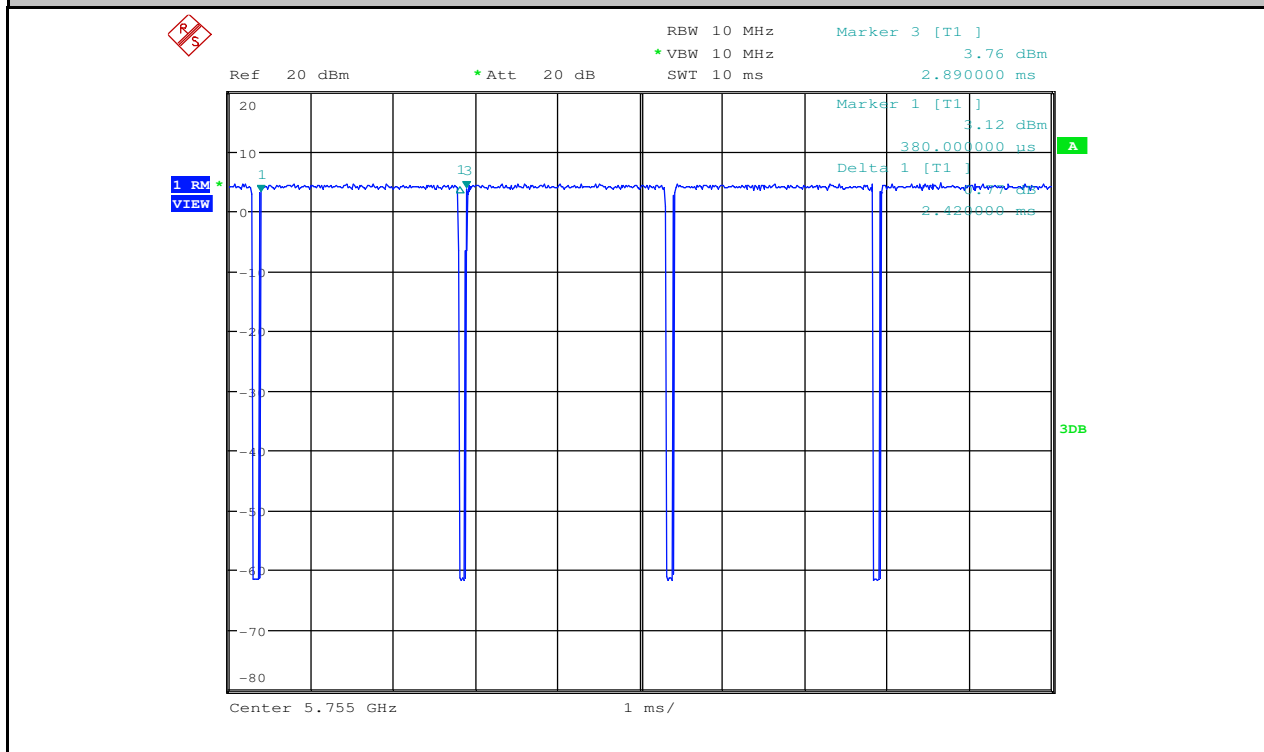
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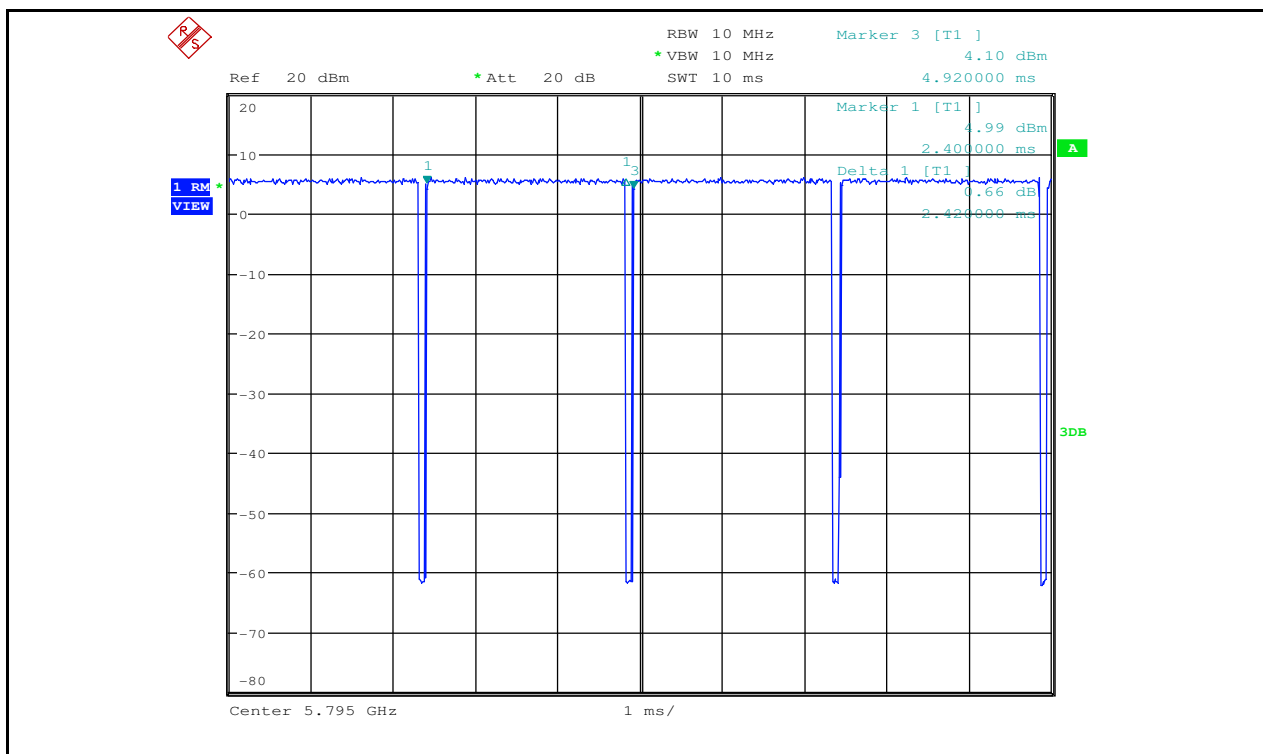
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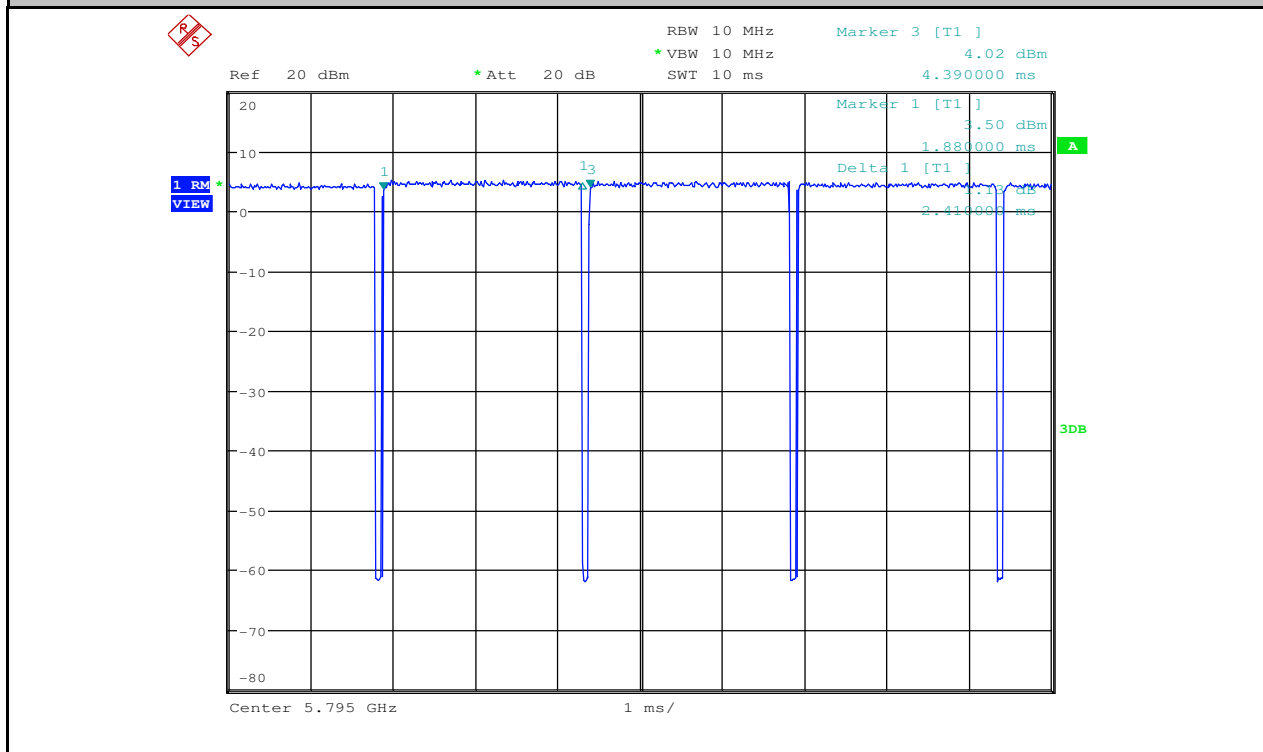
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Duty Cycle_11AC40_5795_Ant1



Duty Cycle_11AC40_5795_Ant2



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