



Appendix U-III.A: Emission Bandwidth

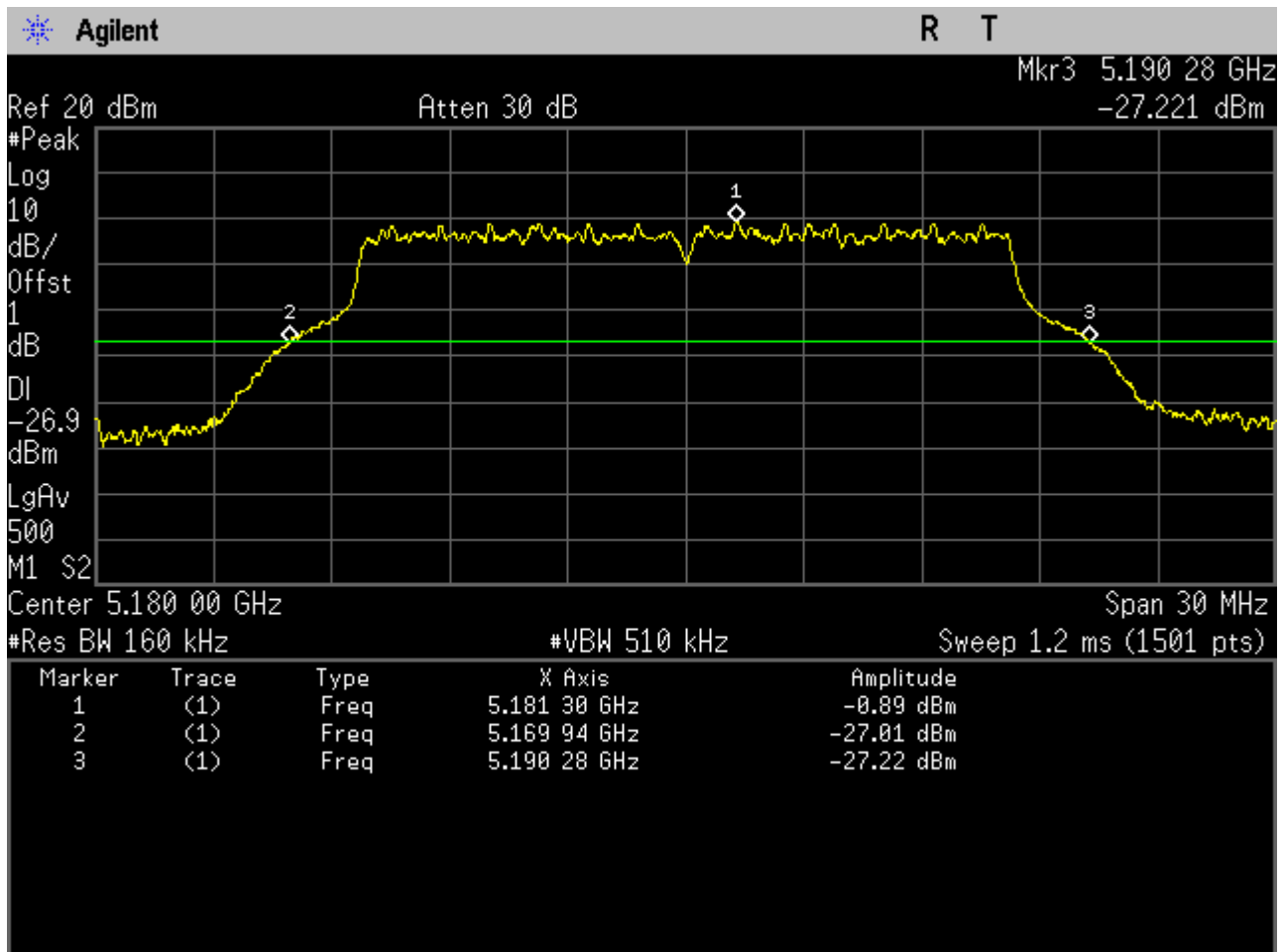
1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	20.34	pass
11A	36	5180	Ant 2	20.4	pass
11A	40	5200	Ant 1	20.34	pass
11A	40	5200	Ant 2	20.34	pass
11A	48	5240	Ant 1	20.34	pass
11A	48	5240	Ant 2	20.34	pass
11N20	36	5180	Ant 1	21.16	pass
11N20	36	5180	Ant 2	21	pass
11N20M	36	5180	Ant 1	21.06	pass
11N20M	36	5180	Ant 2	21.1	pass
11N20	40	5200	Ant 1	21.04	pass
11N20	40	5200	Ant 2	21.12	pass
11N20M	40	5200	Ant 1	21.1	pass
11N20M	40	5200	Ant 2	21.16	pass
11N20	48	5240	Ant 1	21.02	pass
11N20	48	5240	Ant 2	21.2	pass
11N20M	48	5240	Ant 1	21.18	pass
11N20M	48	5240	Ant 2	21.1	pass
11N40	38	5190	Ant 1	39.28	pass
11N40	38	5190	Ant 2	39.26	pass
11N40M	38	5190	Ant 1	39.42	pass
11N40M	38	5190	Ant 2	39.44	pass
11N40	46	5230	Ant 1	39.38	pass
11N40	46	5230	Ant 2	39.4	pass
11N40M	46	5230	Ant 1	39.52	pass
11N40M	46	5230	Ant 2	39.4	pass
11AC20	36	5180	Ant 1	21.18	pass
11AC20	36	5180	Ant 2	21.14	pass
11AC20M	36	5180	Ant 1	21.14	pass
11AC20M	36	5180	Ant 2	21.14	pass
11AC20	40	5200	Ant 1	21	pass
11AC20	40	5200	Ant 2	21	pass
11AC20M	40	5200	Ant 1	21.14	pass
11AC20M	40	5200	Ant 2	20.98	pass
11AC20	48	5240	Ant 1	21.04	pass

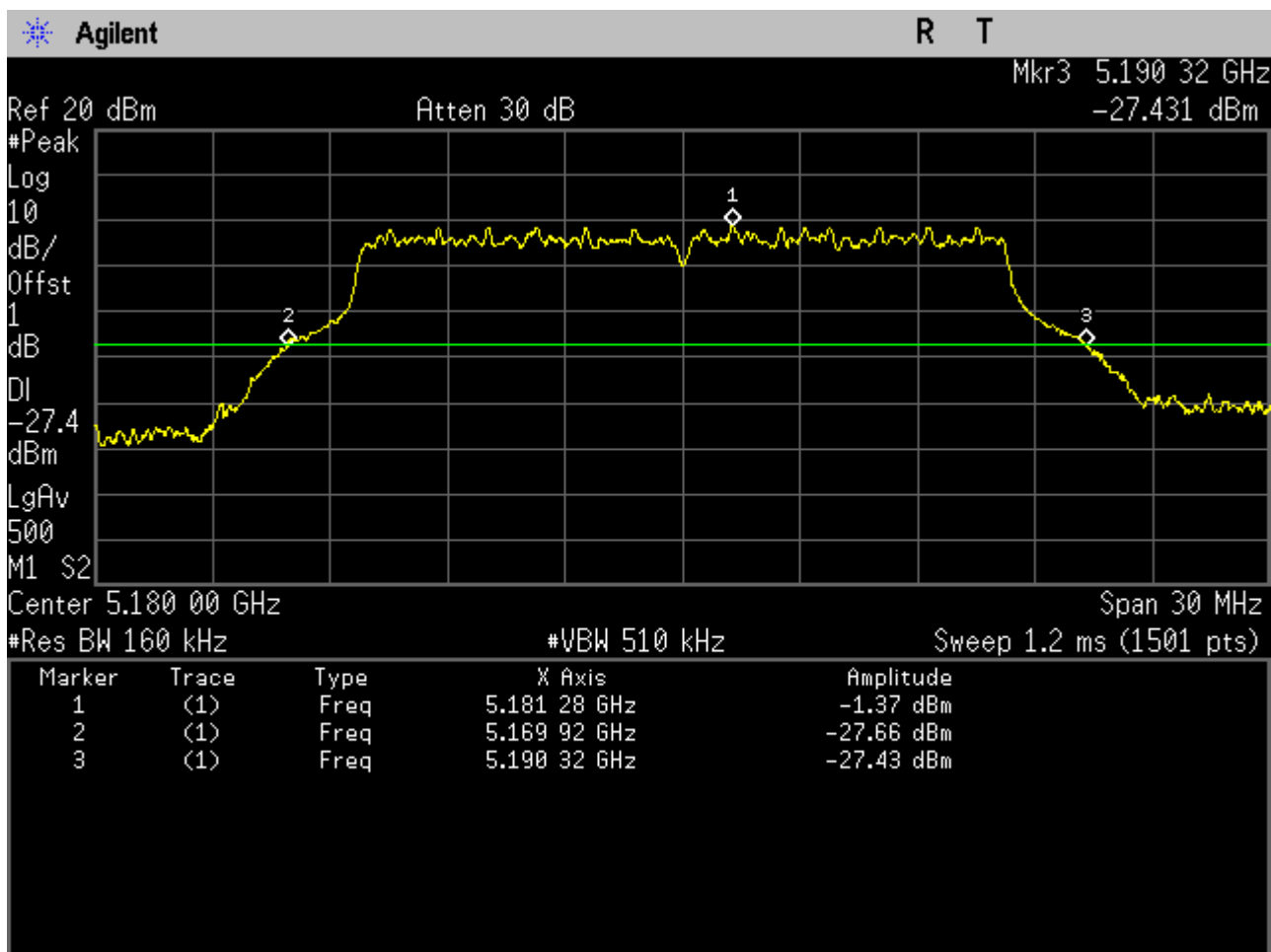
11AC20	48	5240	Ant 2	20.92	pass
11AC20M	48	5240	Ant 1	21.02	pass
11AC20M	48	5240	Ant 2	21.02	pass
11AC40	38	5190	Ant 1	39.6	pass
11AC40	38	5190	Ant 2	39.44	pass
11AC40M	38	5190	Ant 1	39.42	pass
11AC40M	38	5190	Ant 2	39.46	pass
11AC40	46	5230	Ant 1	39.42	pass
11AC40	46	5230	Ant 2	39.32	pass
11AC40M	46	5230	Ant 1	39.52	pass
11AC40M	46	5230	Ant 2	39.42	pass
11AC80	42	5210	Ant 1	81.14	pass
11AC80	42	5210	Ant 2	81.3	pass
11AC80M	42	5210	Ant 1	81.14	pass
11AC80M	42	5210	Ant 2	80.98	pass

2 Test Plot

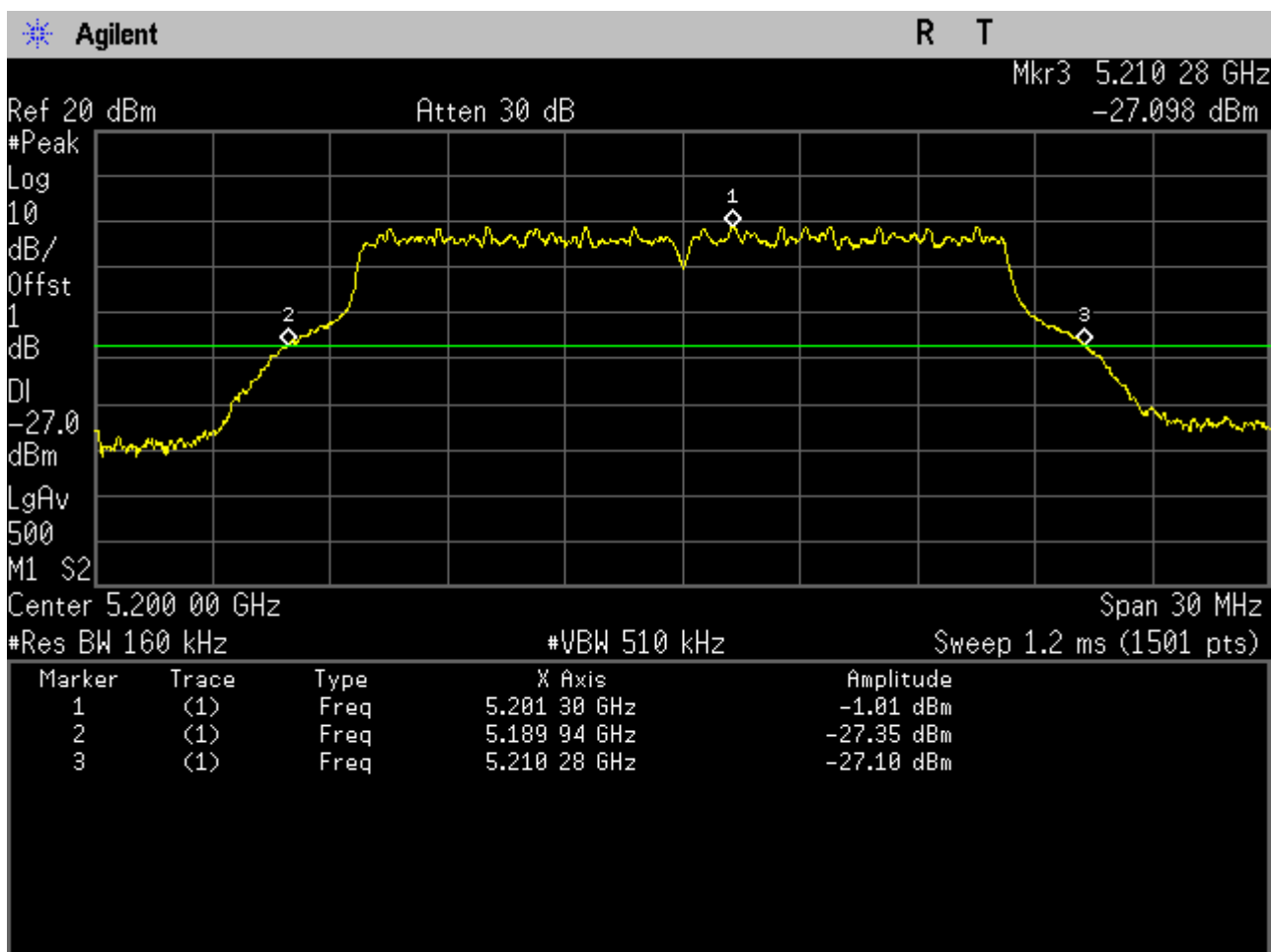
2.1 11A_36 Ant 1



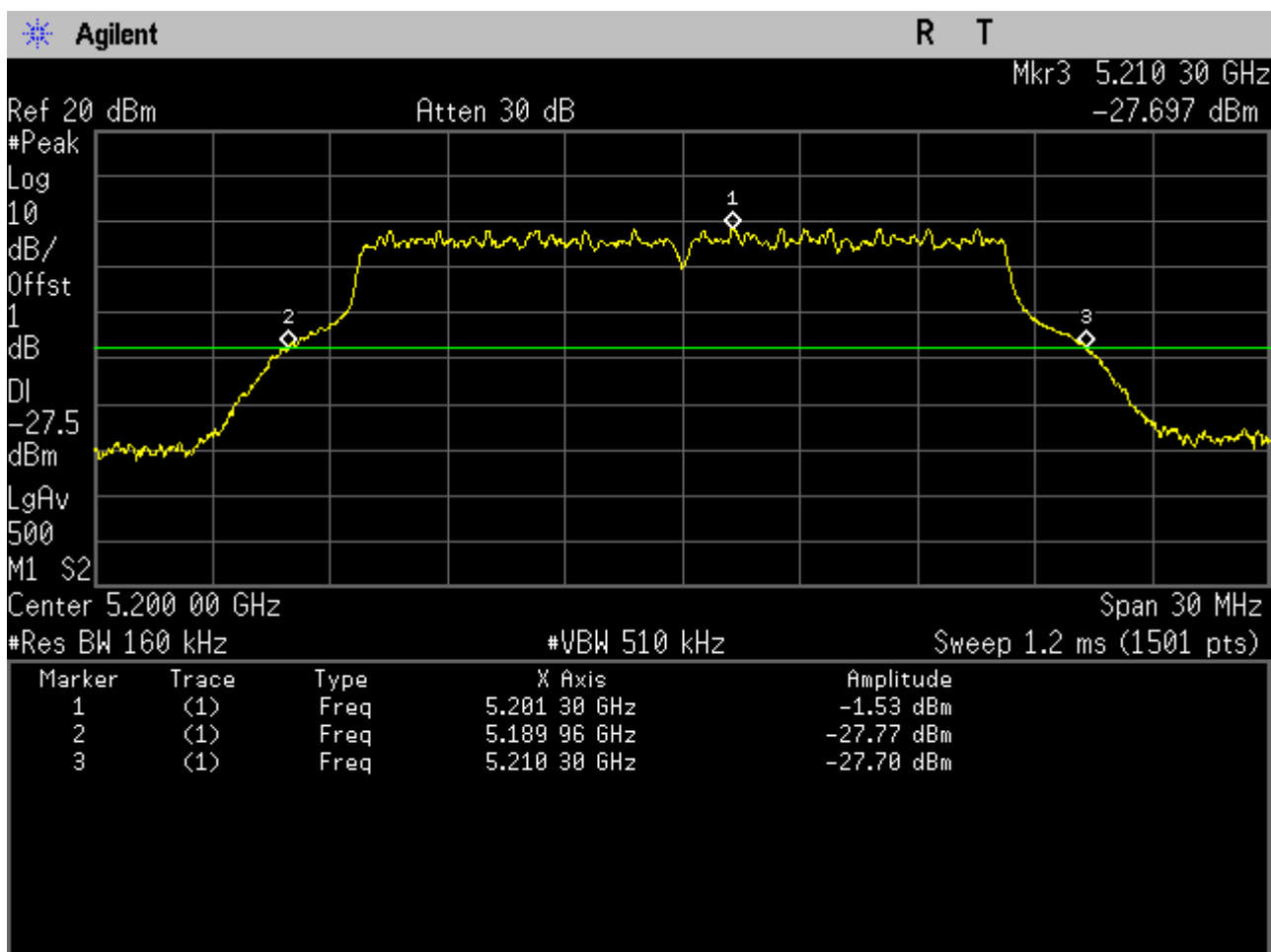
2.2 11A_36 Ant 2



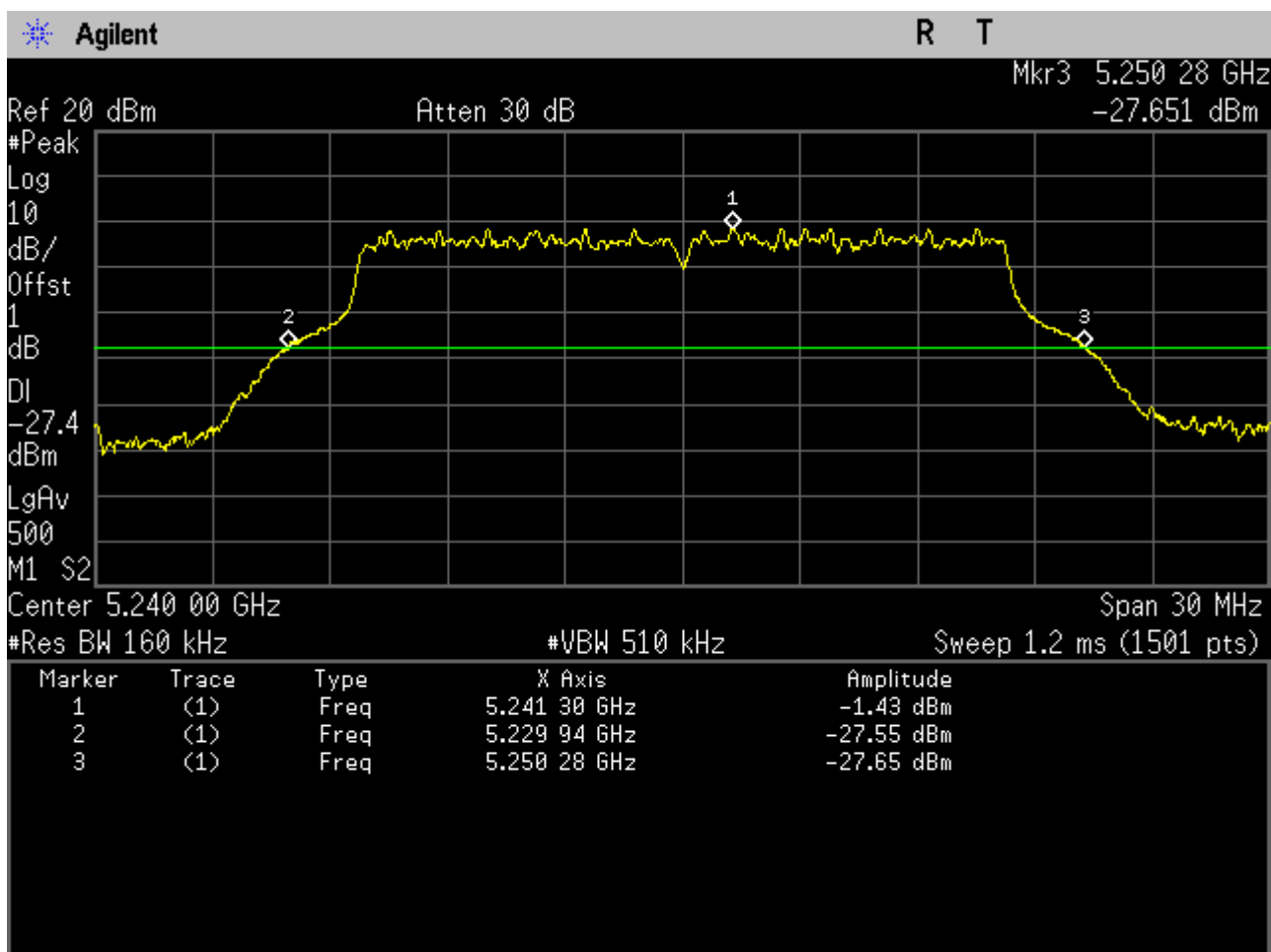
2.3 11A_40 Ant 1



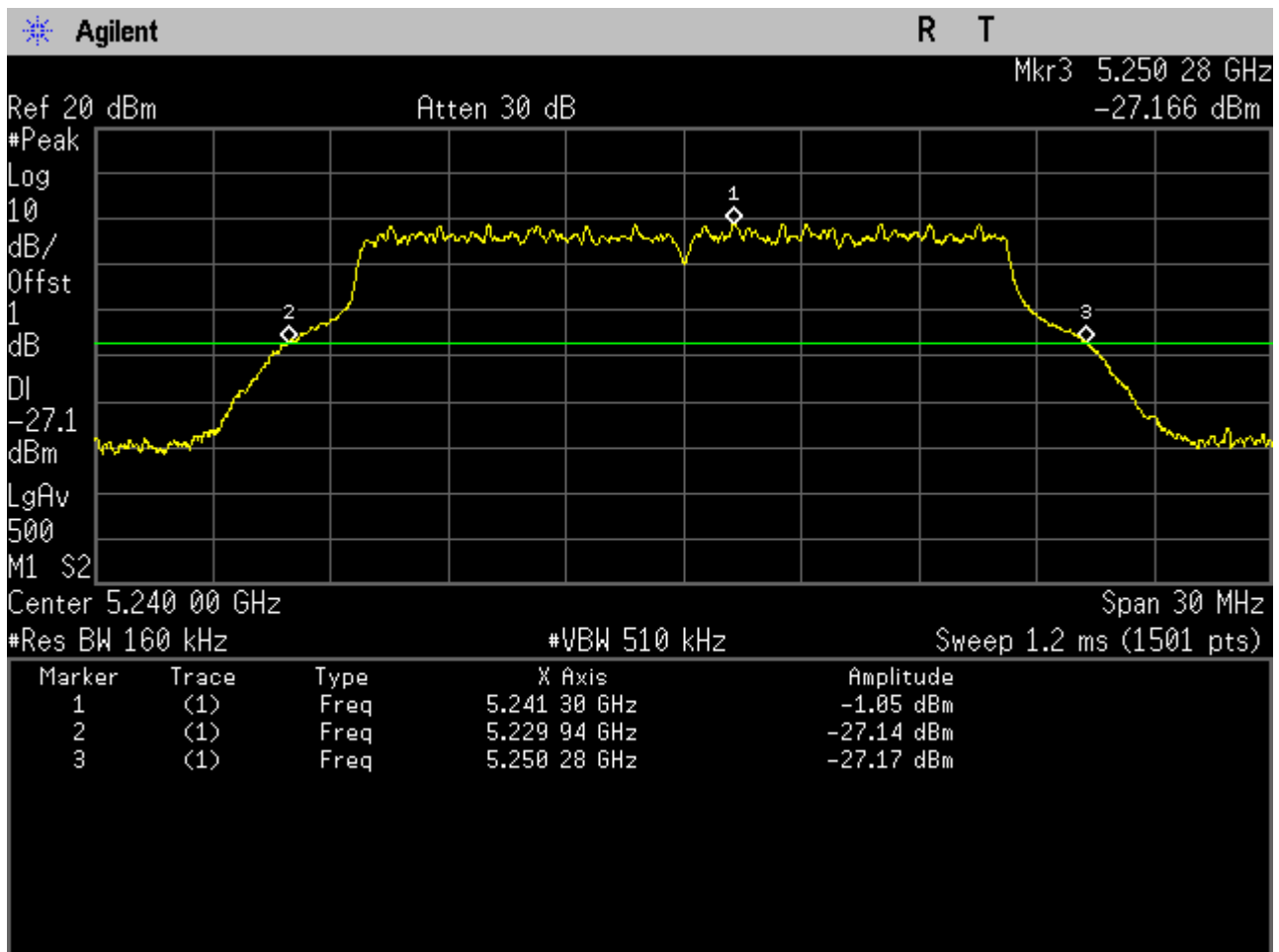
2.4 11A_40 Ant 2



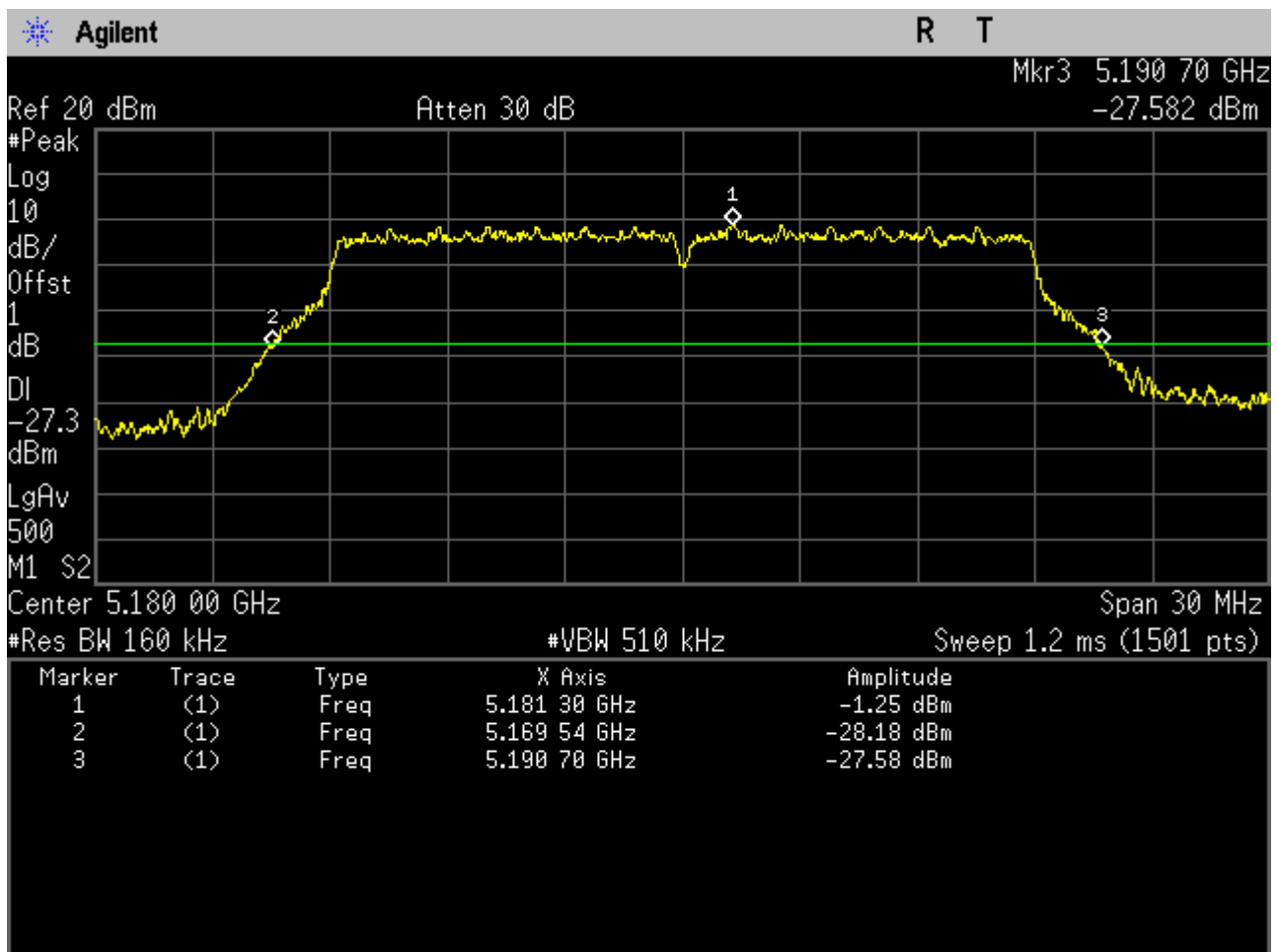
2.5 11A_48 Ant 1



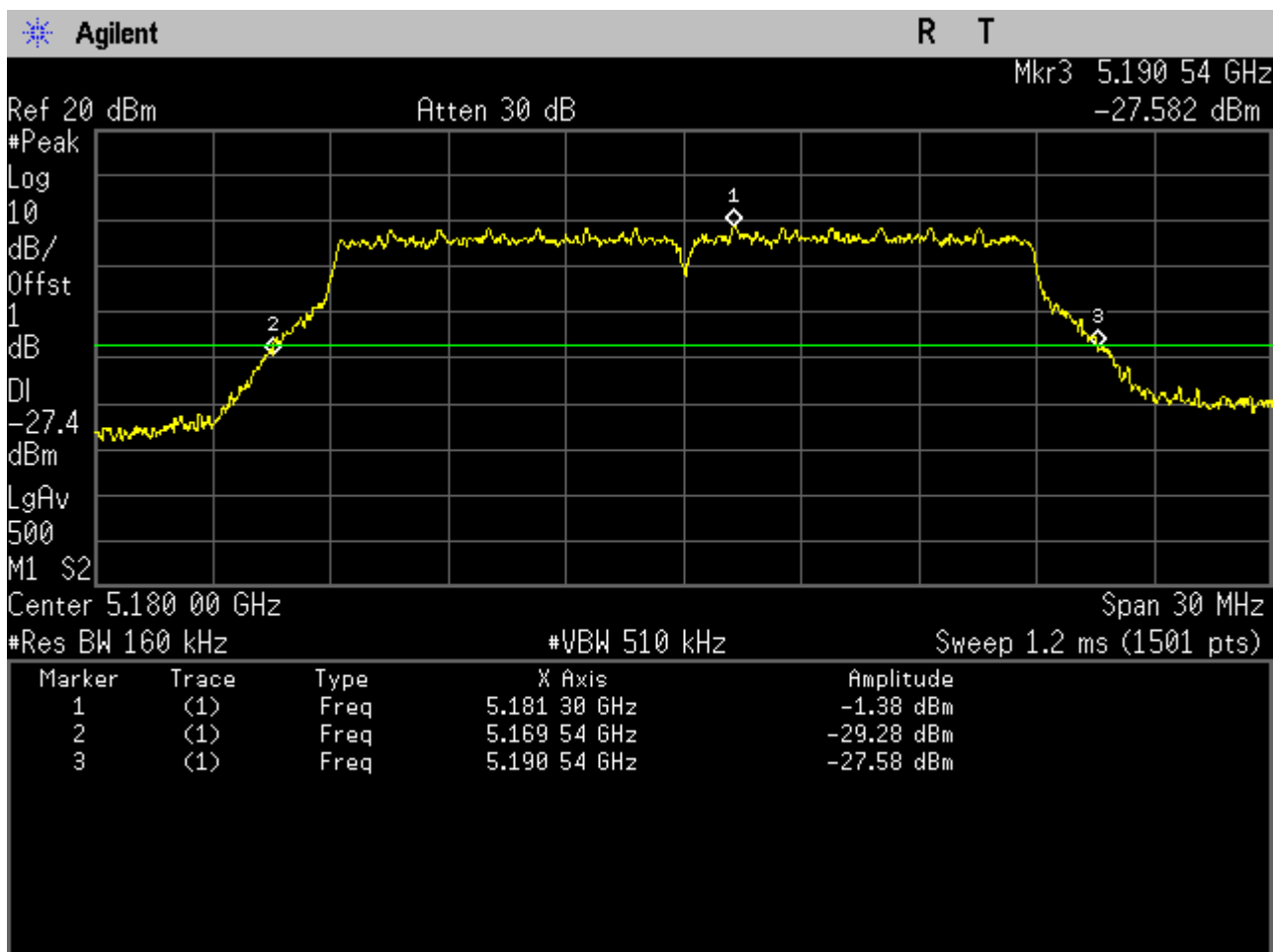
2.6 11A_48 Ant 2



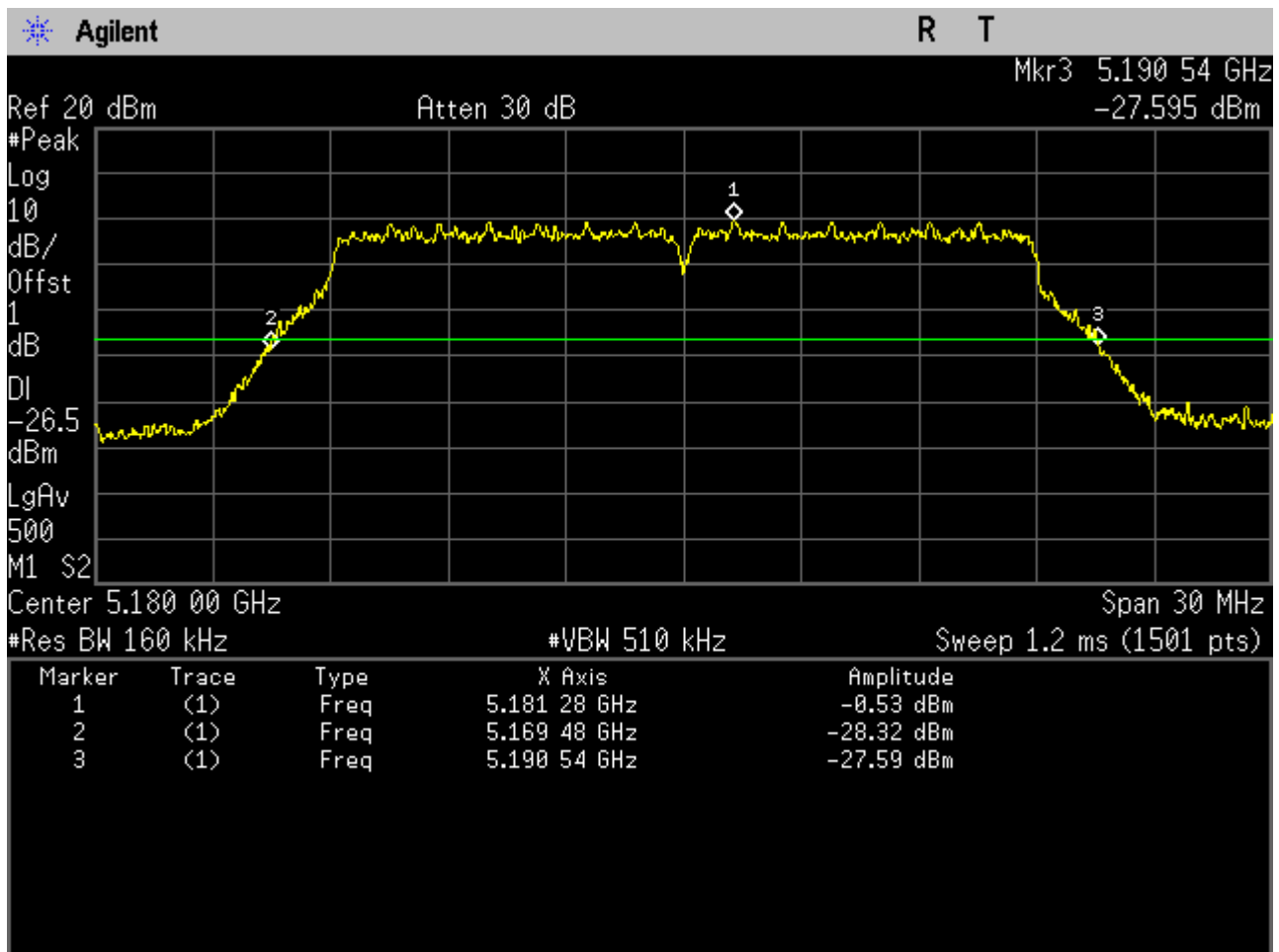
2.7 11N20_36 Ant 1



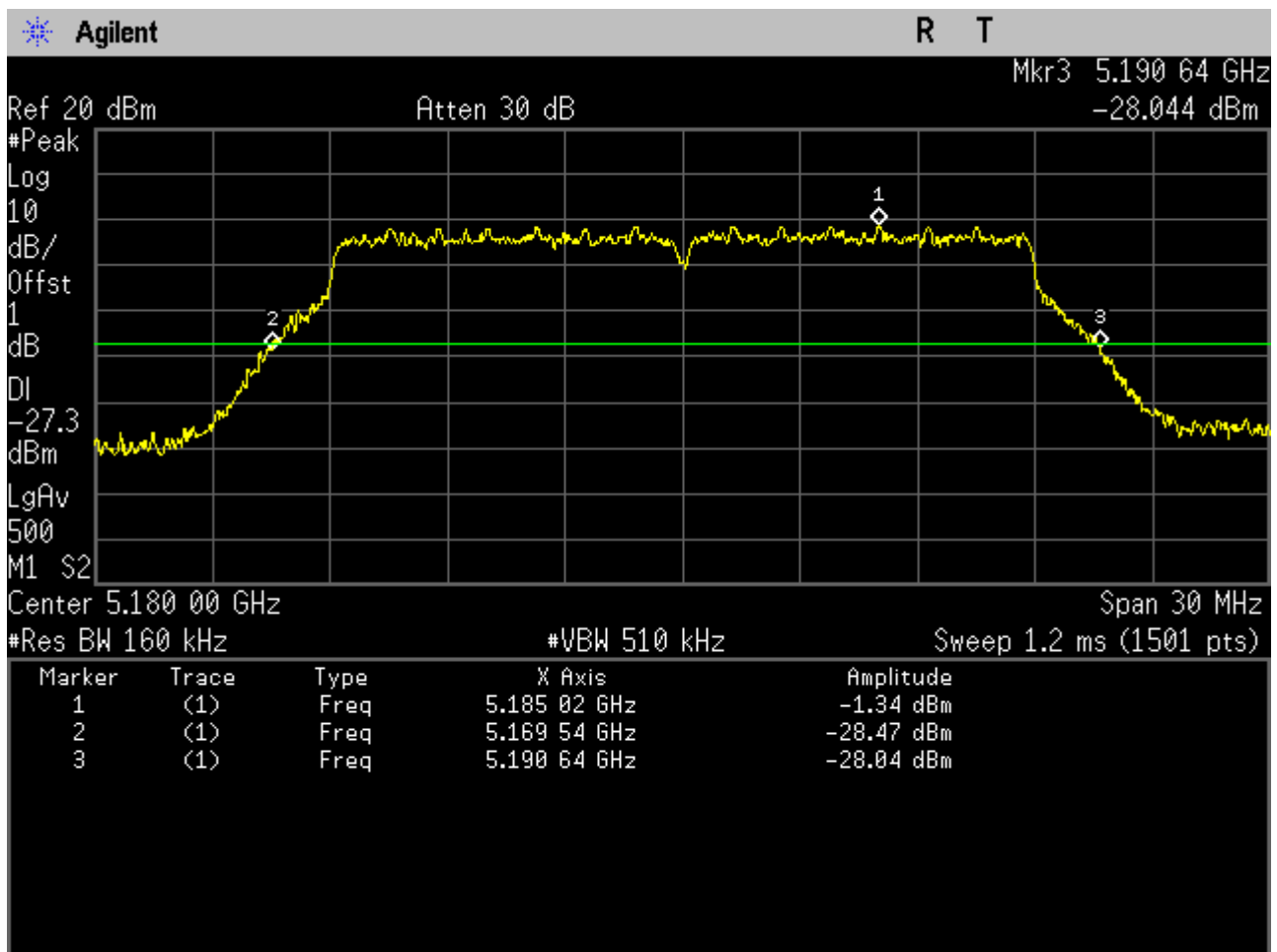
2.8 11N20_36 Ant 2



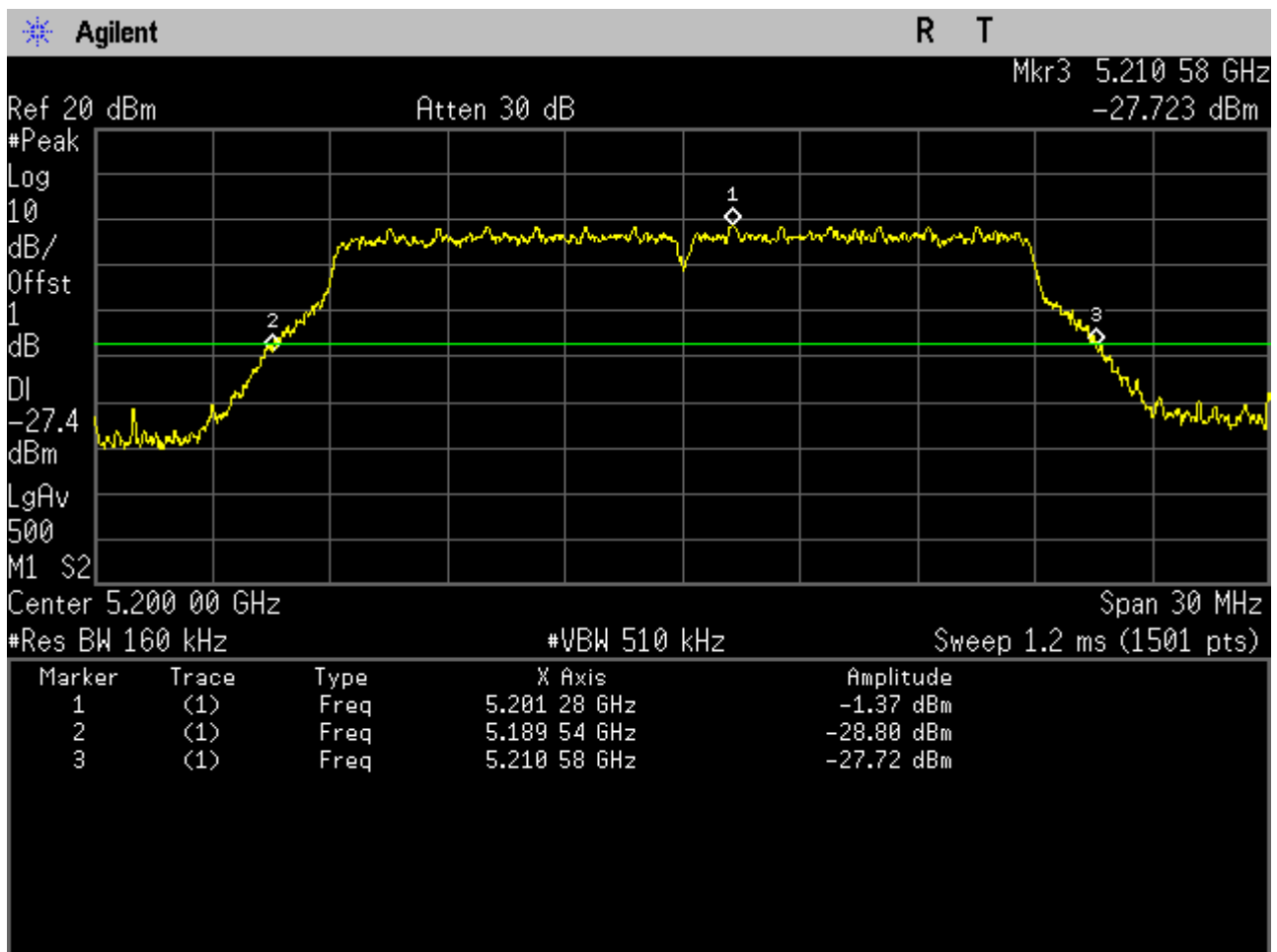
2.9 11N20M_36 Ant 1



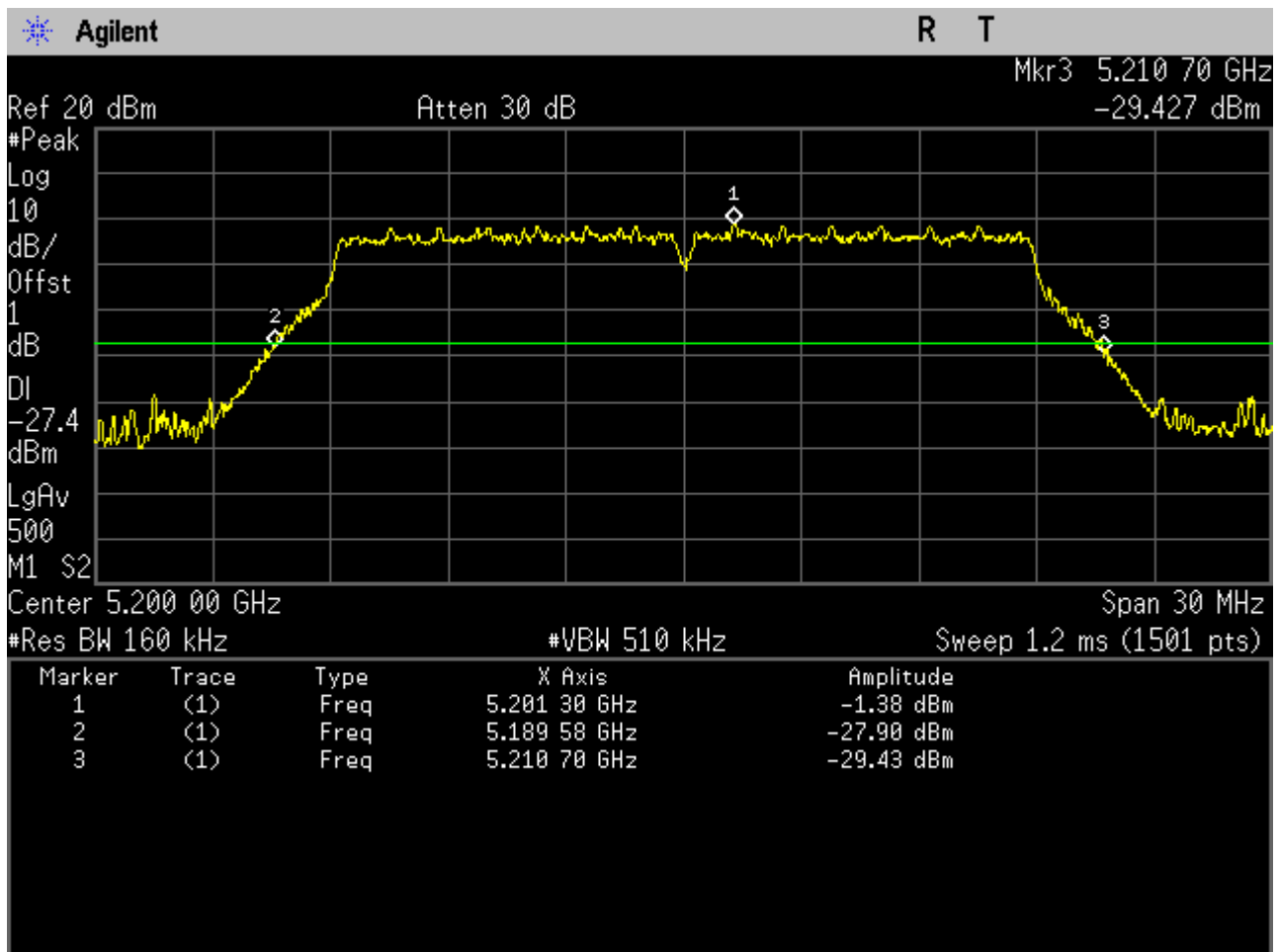
2.1011N20M_36 Ant 2



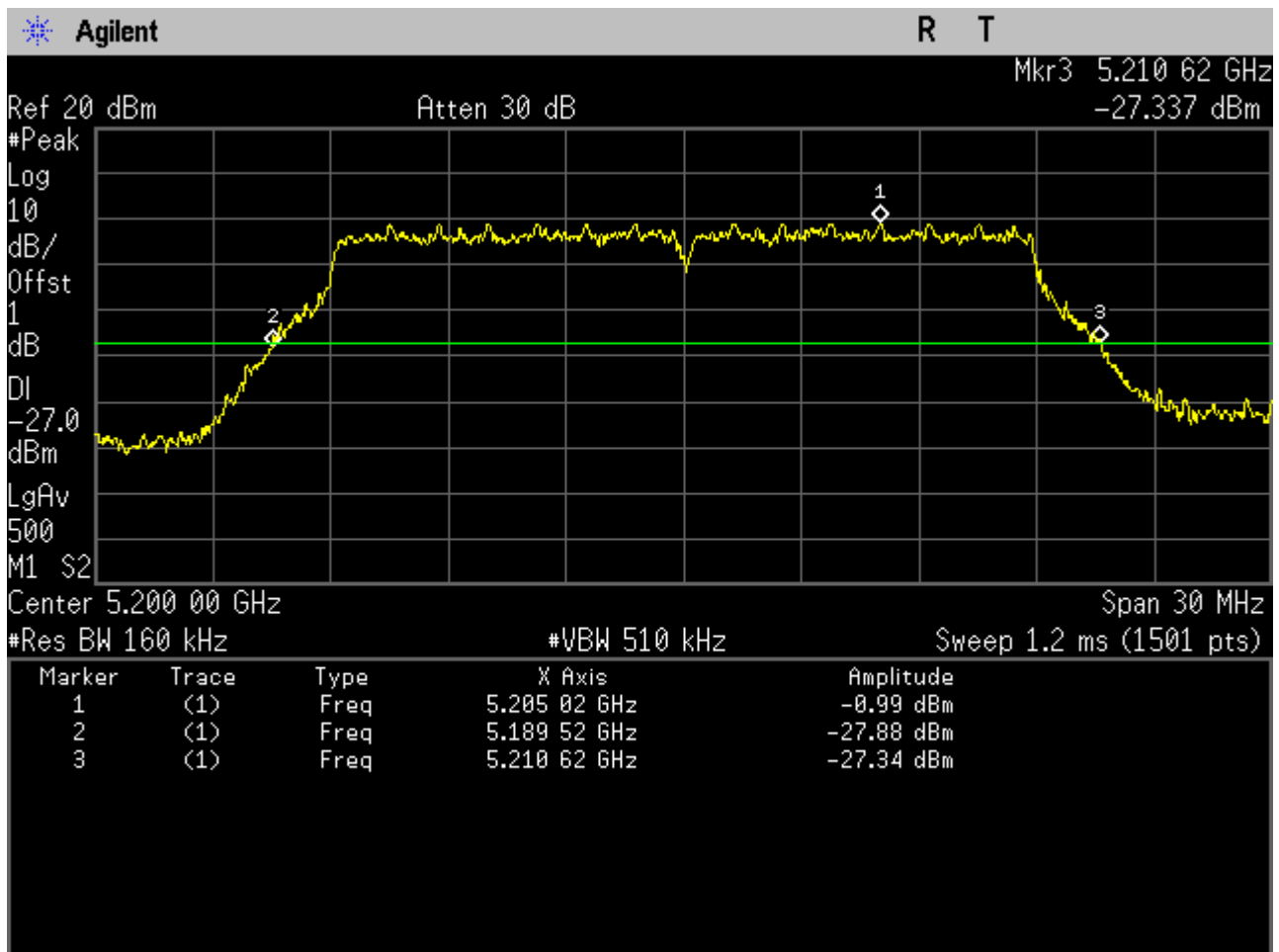
2.1111N20_40 Ant 1



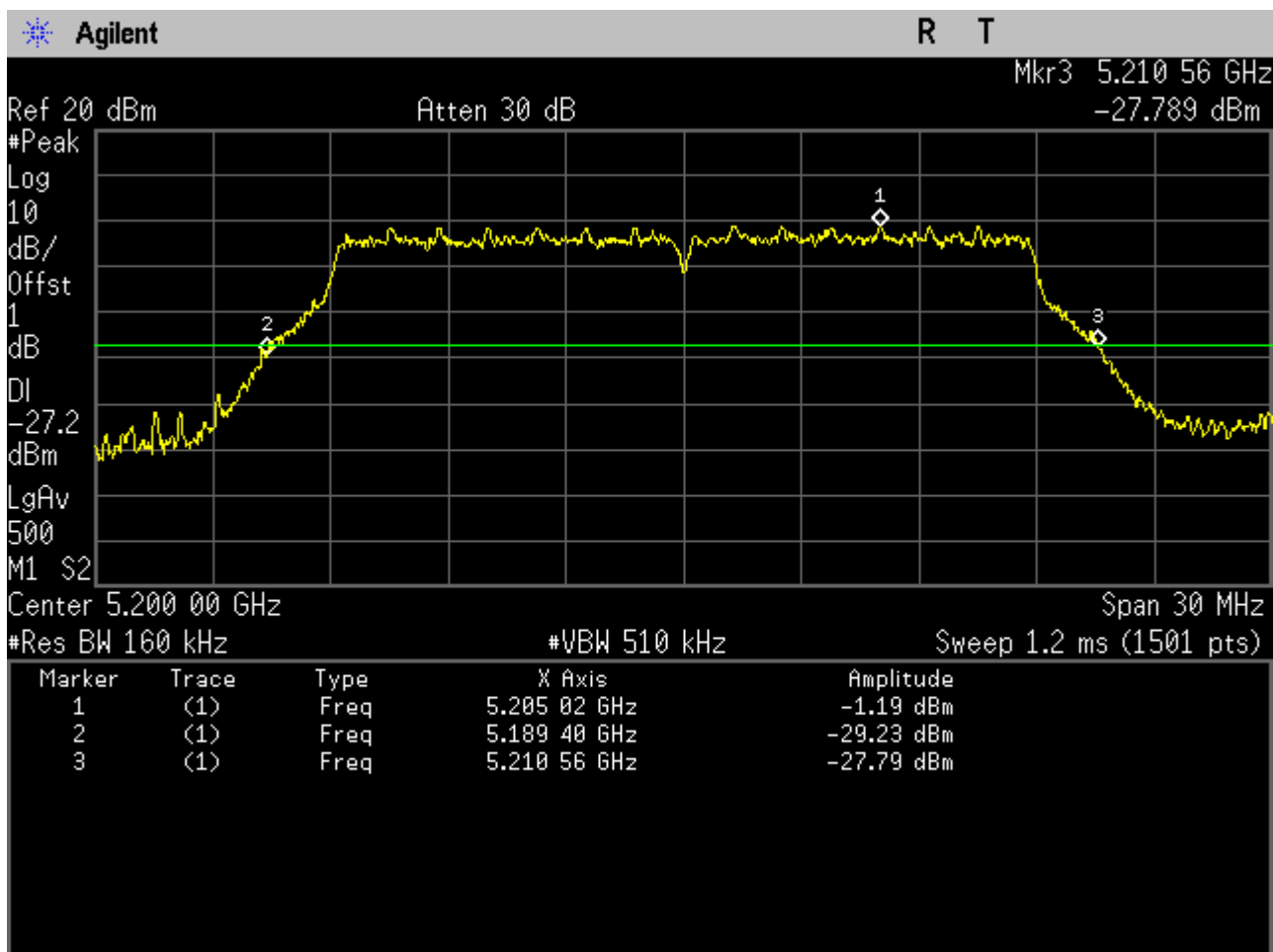
2.1211N20_40 Ant 2



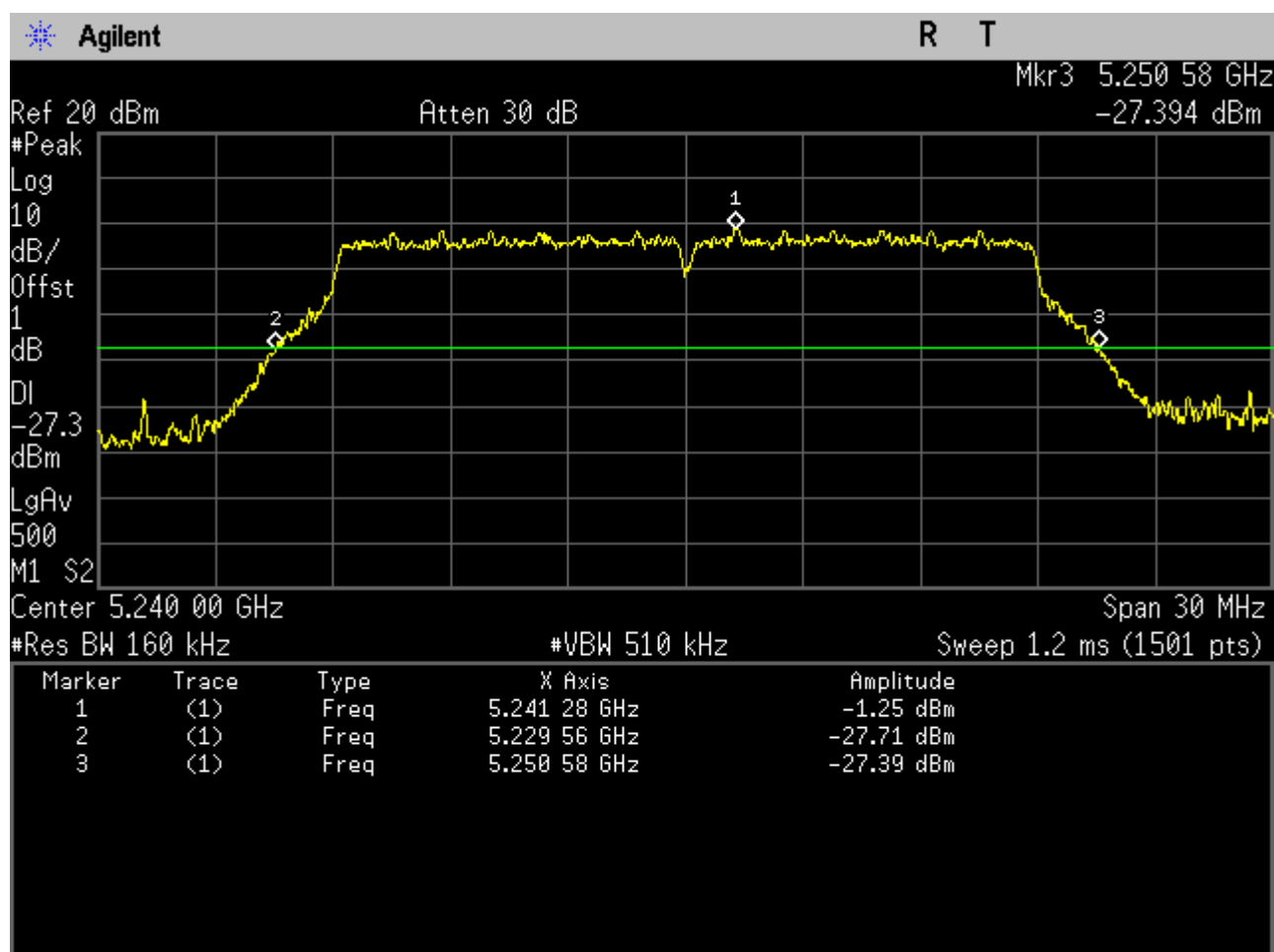
2.1311N20M_40 Ant 1



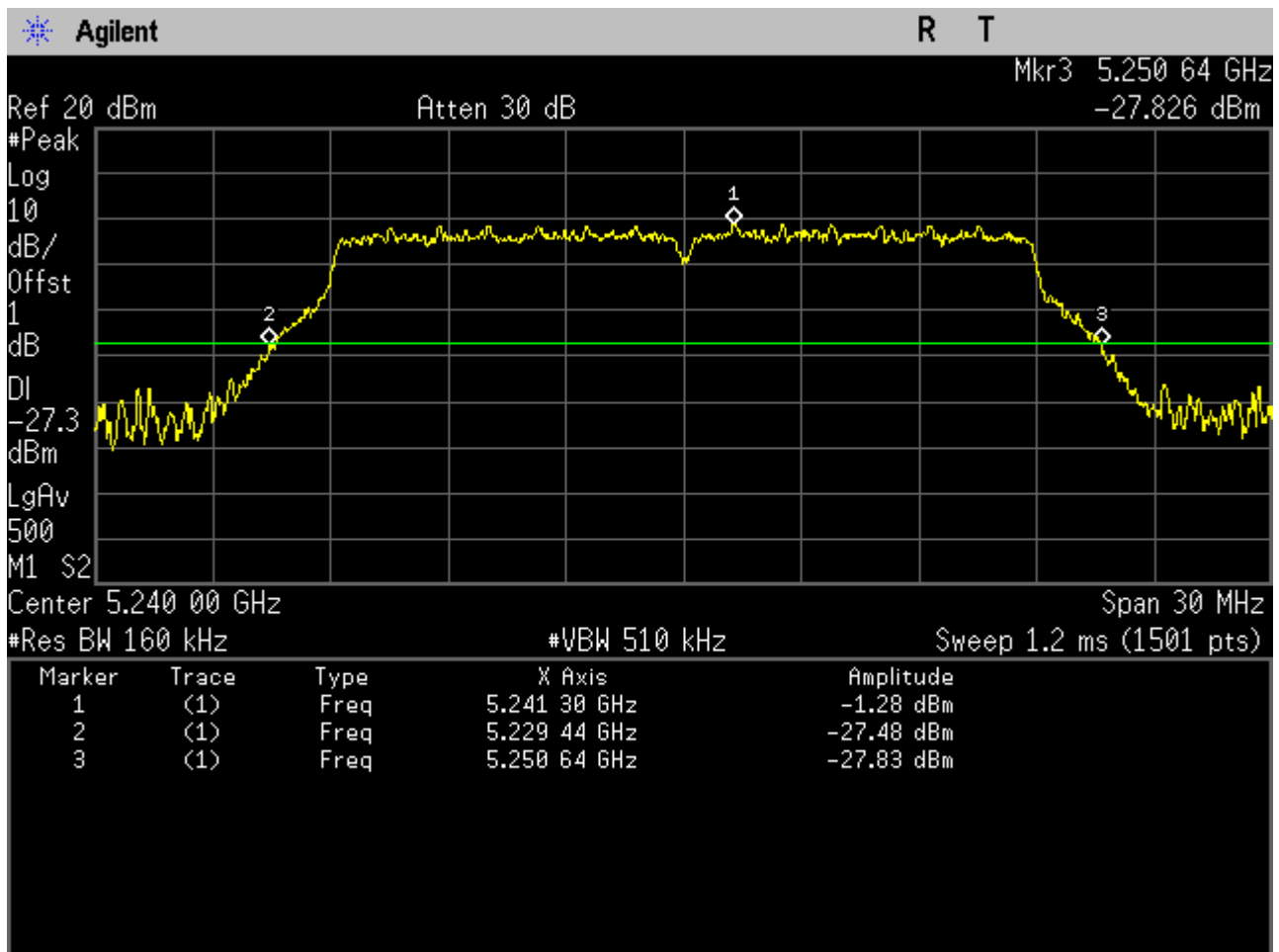
2.1411N20M_40 Ant 2



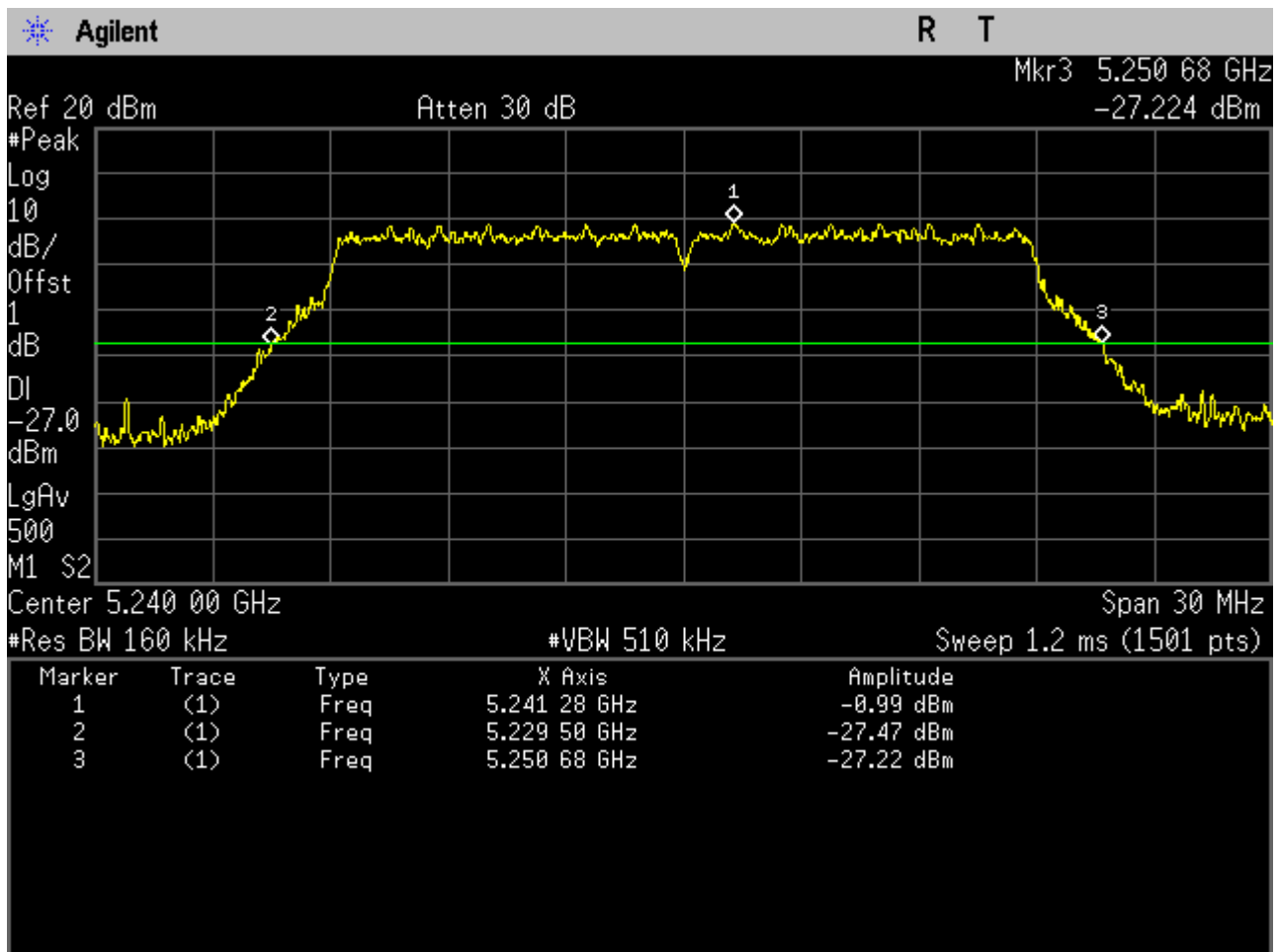
2.1511N20_48 Ant 1



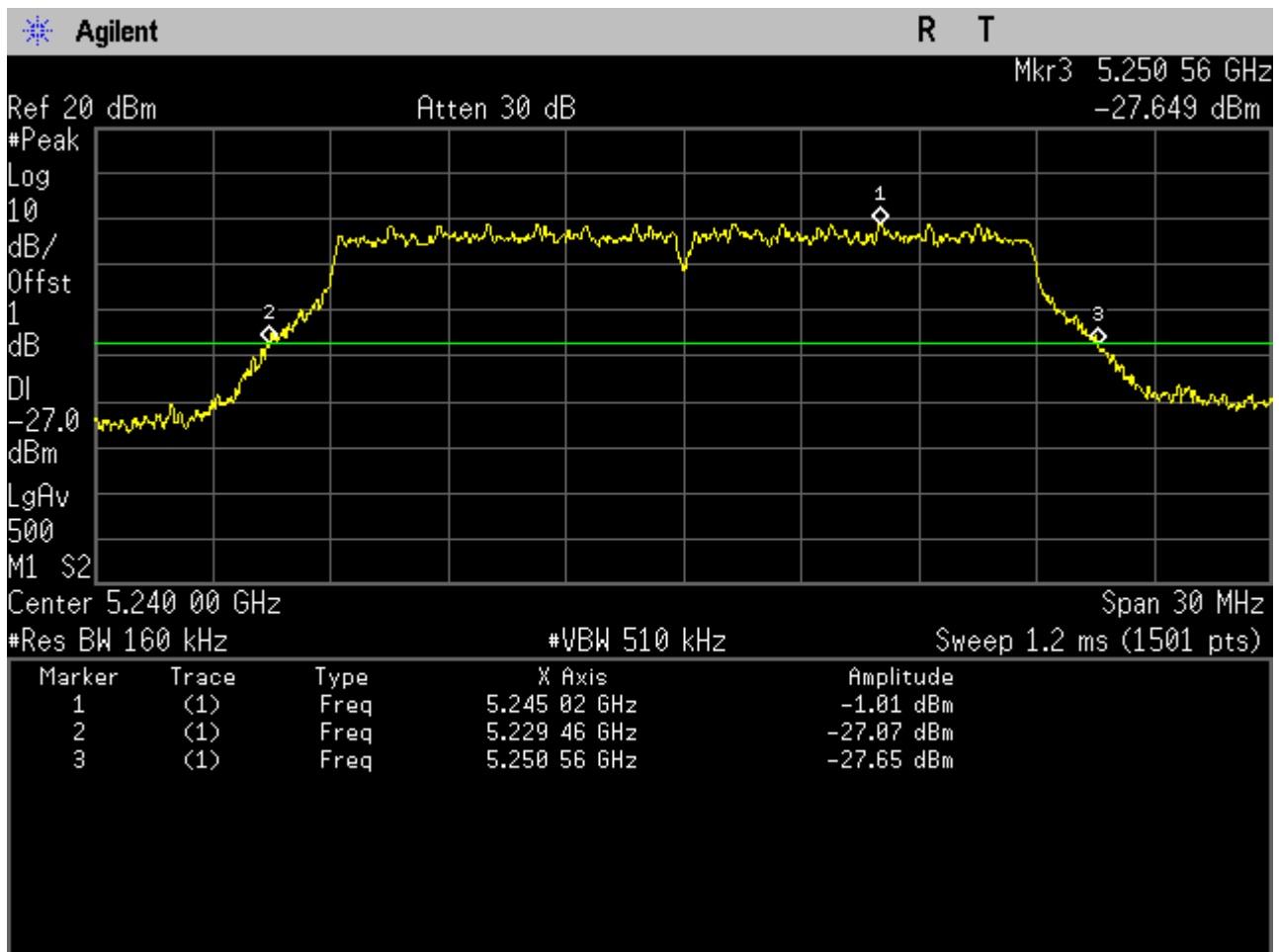
2.1611N20_48 Ant 2



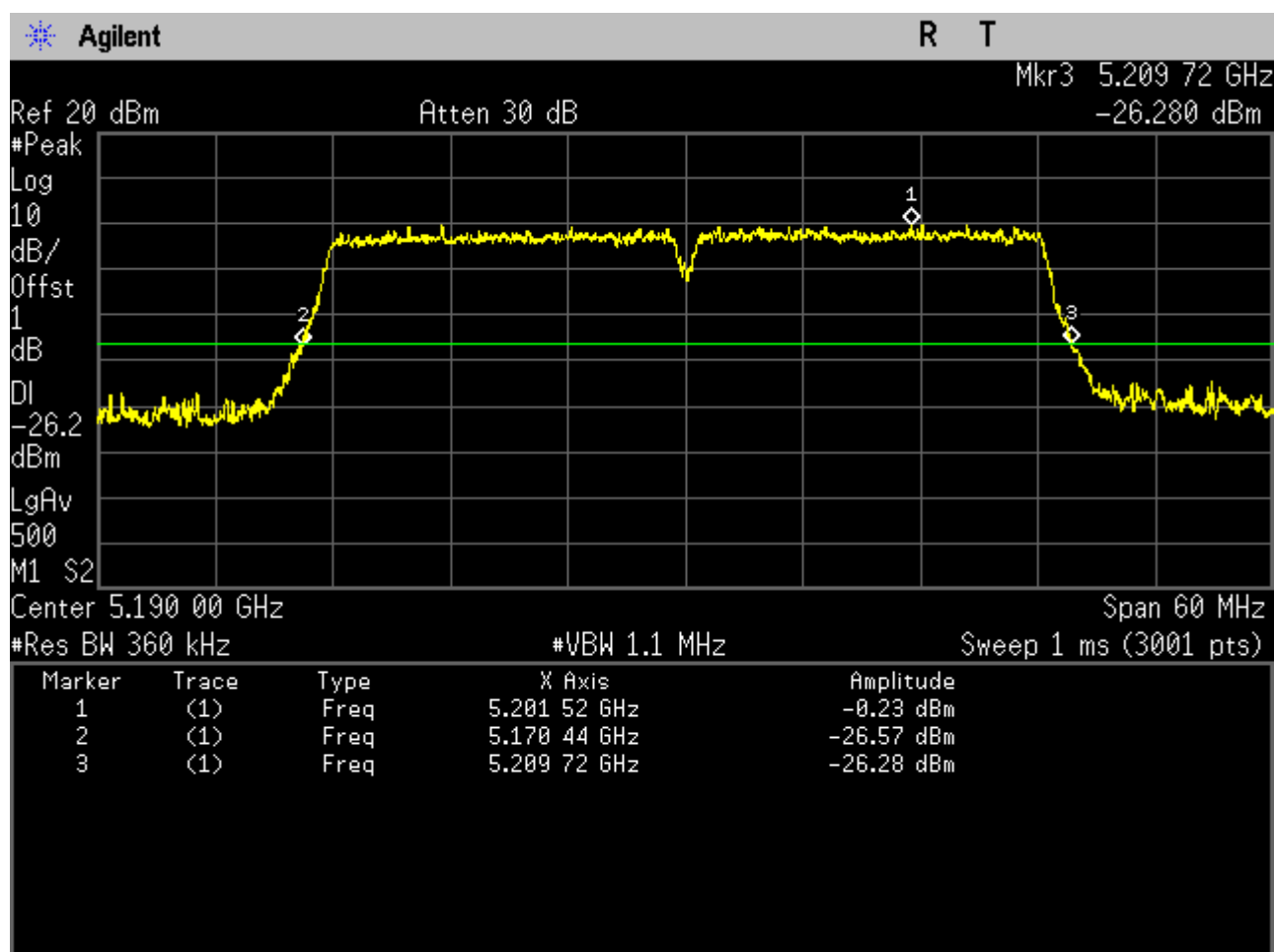
2.1711N20M_48 Ant 1



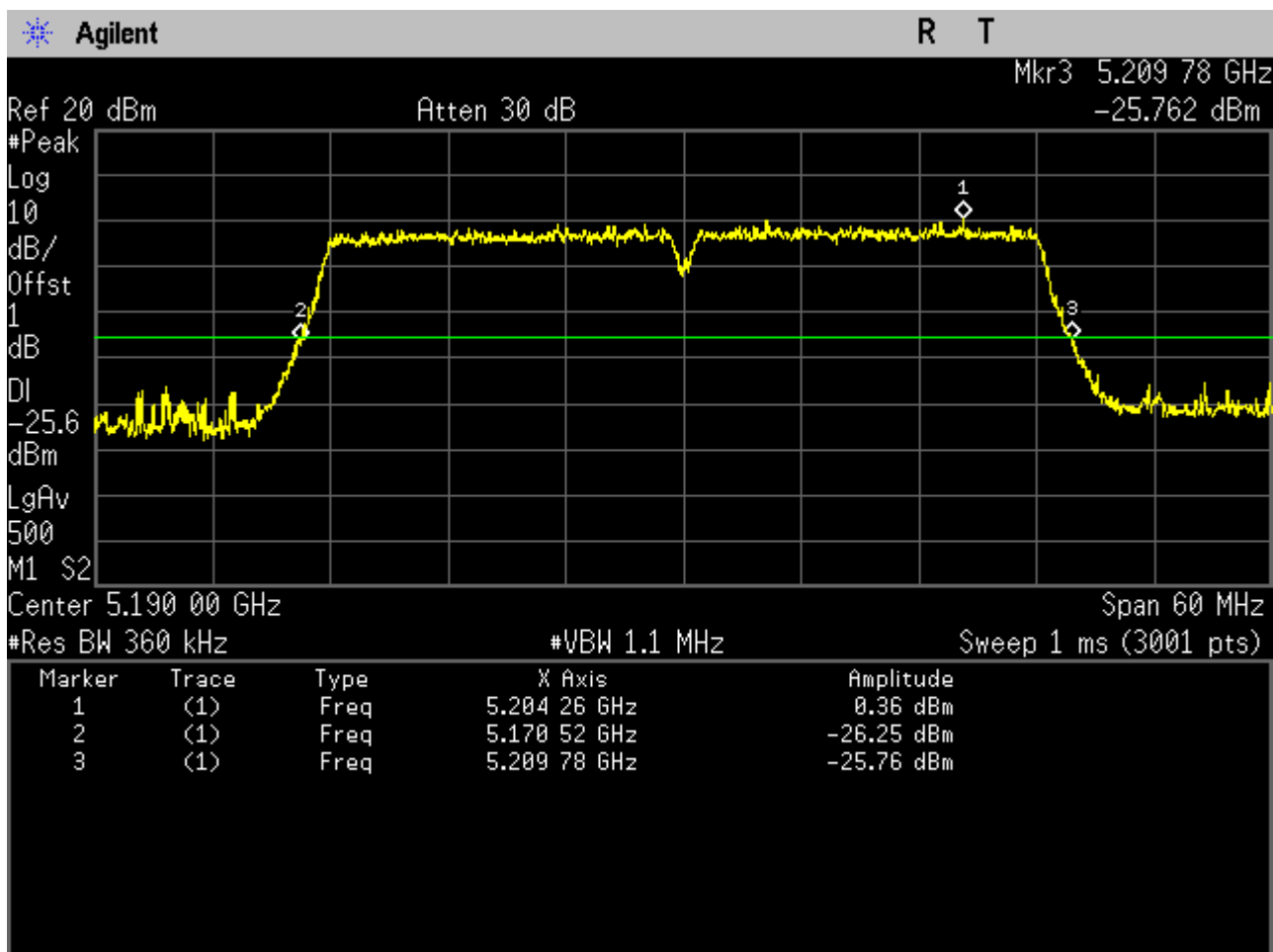
2.1811N20M_48 Ant 2



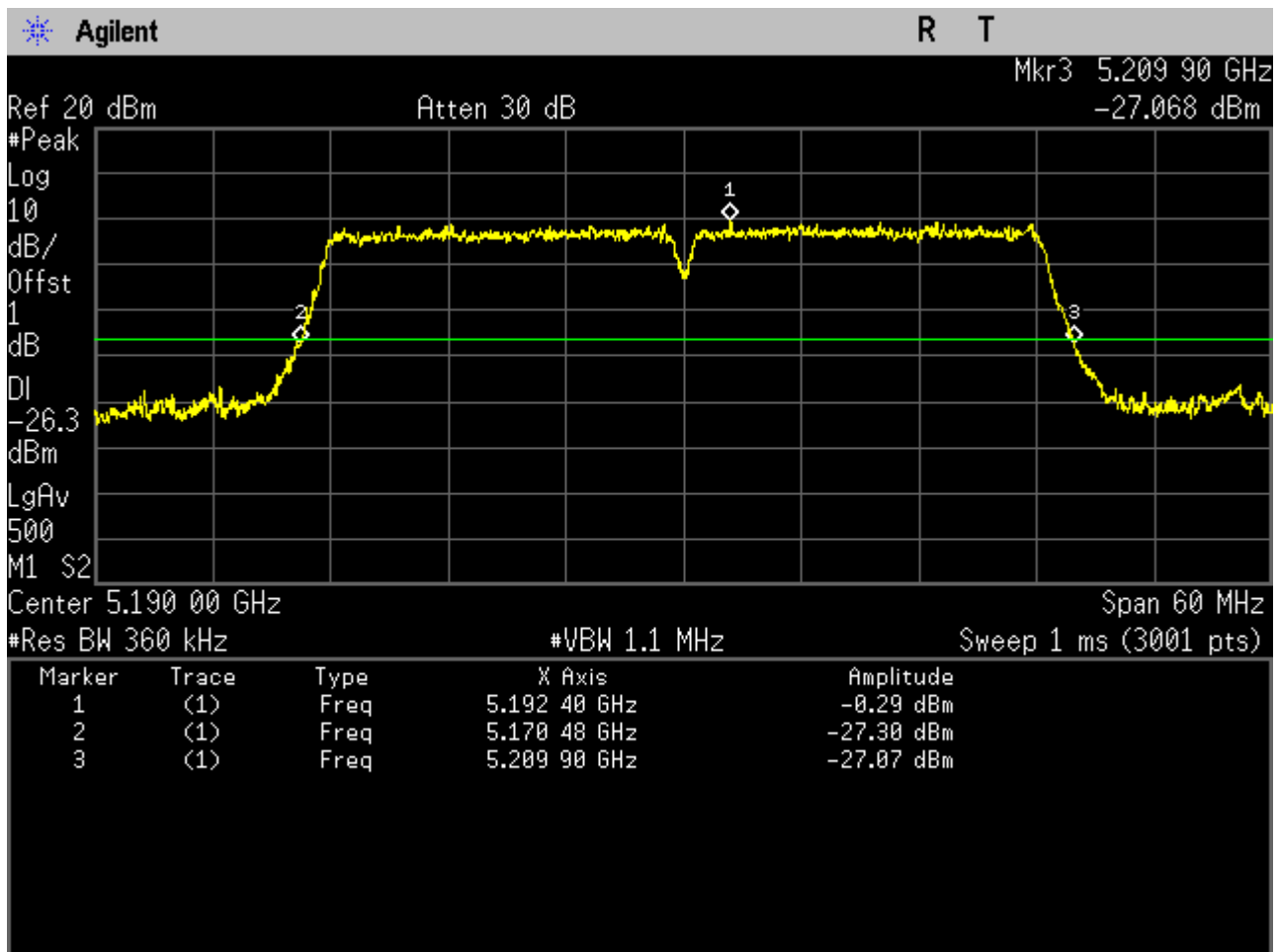
2.1911N40_38 Ant 1



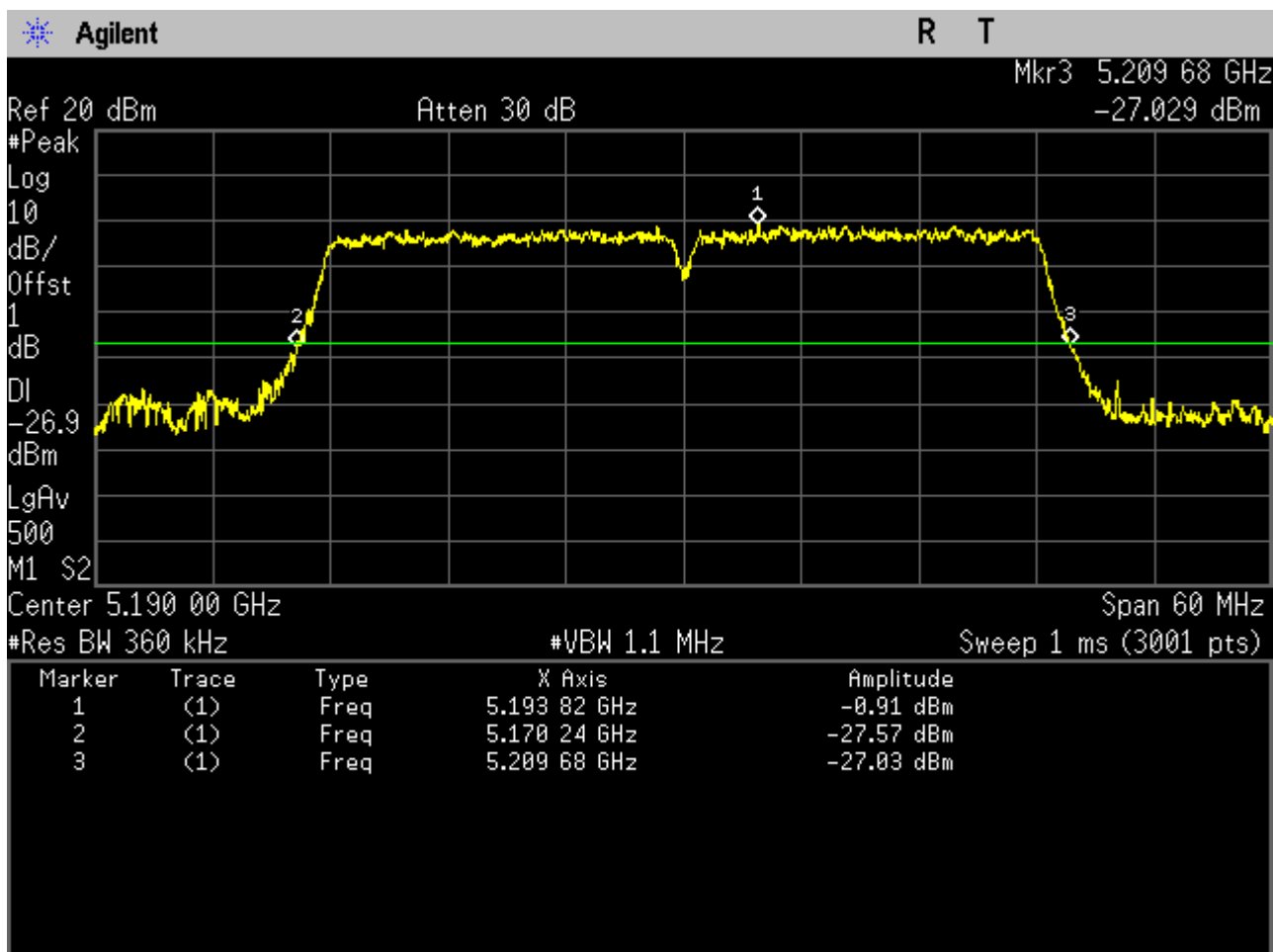
2.2011N40_38 Ant 2



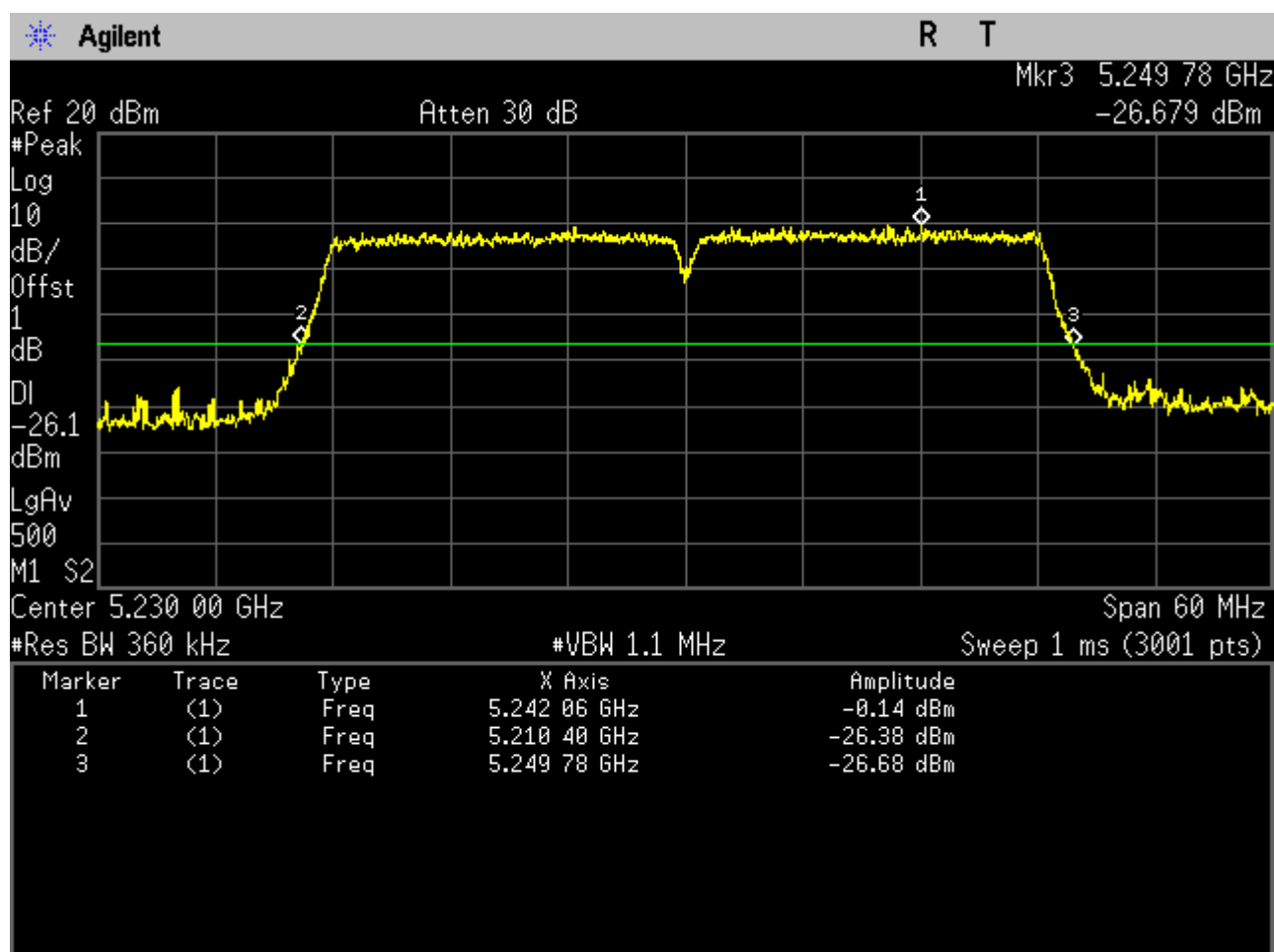
2.2111N40M_38 Ant 1



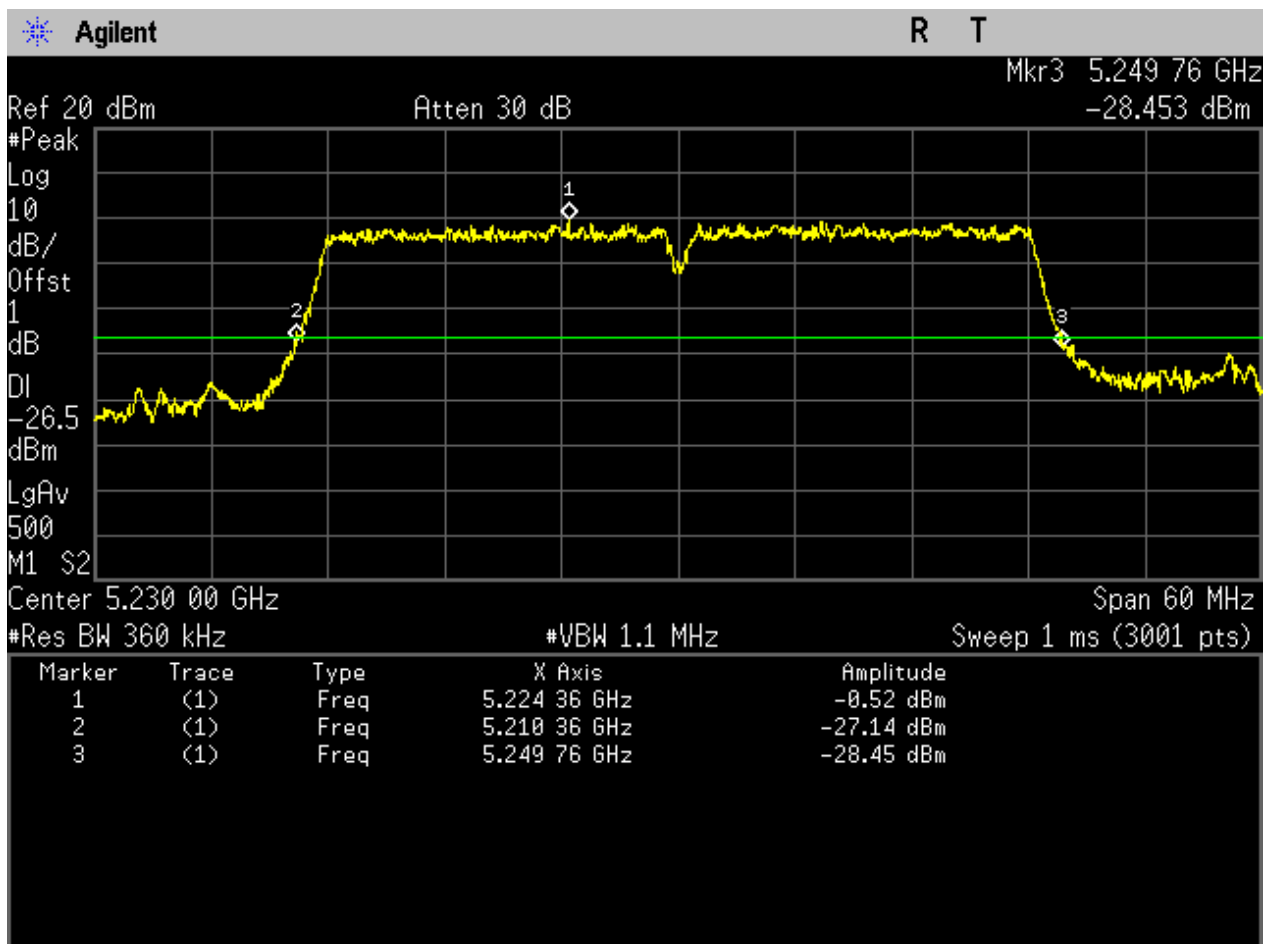
2.2211N40M_38 Ant 2



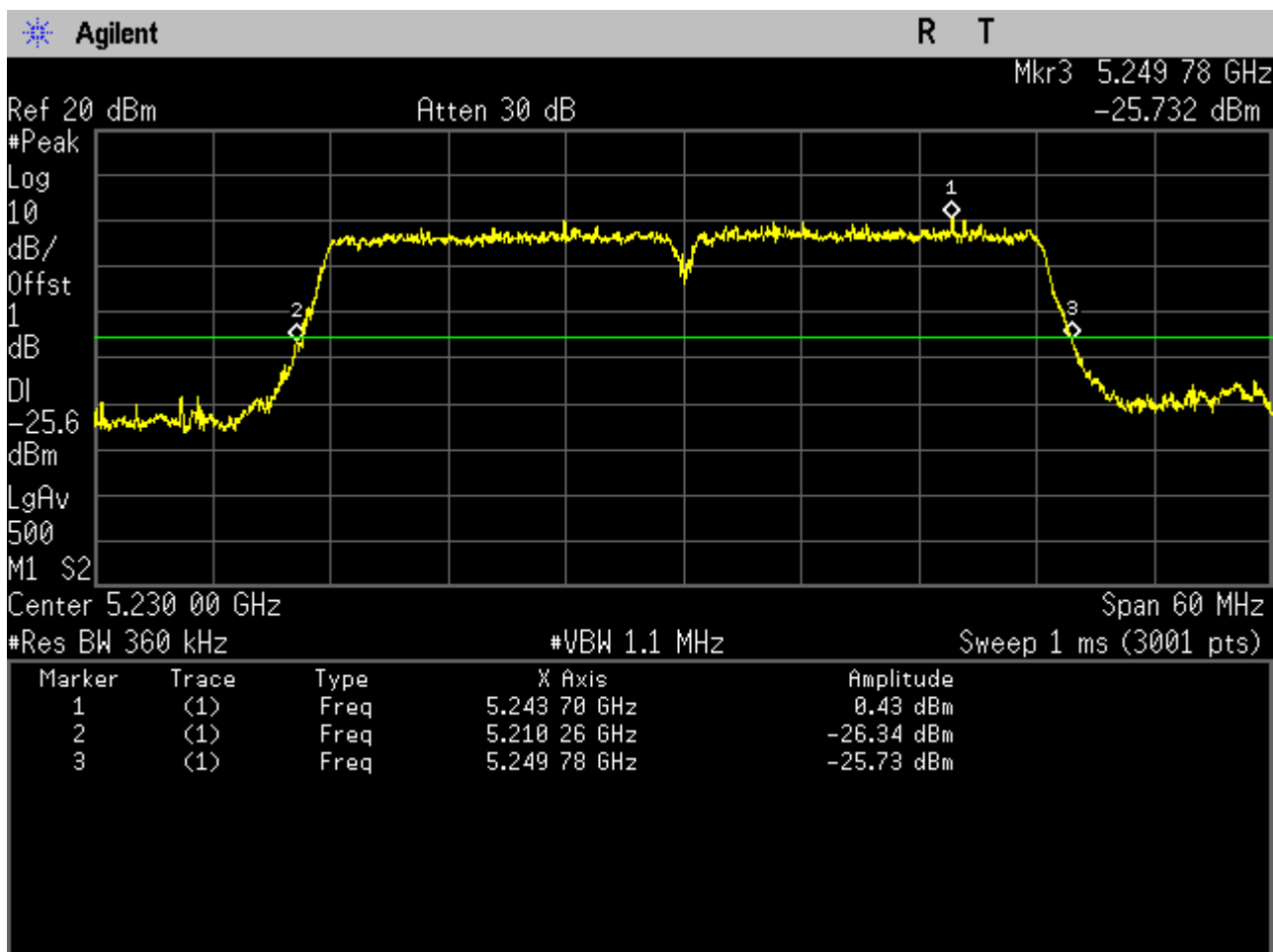
2.2311N40_46 Ant 1



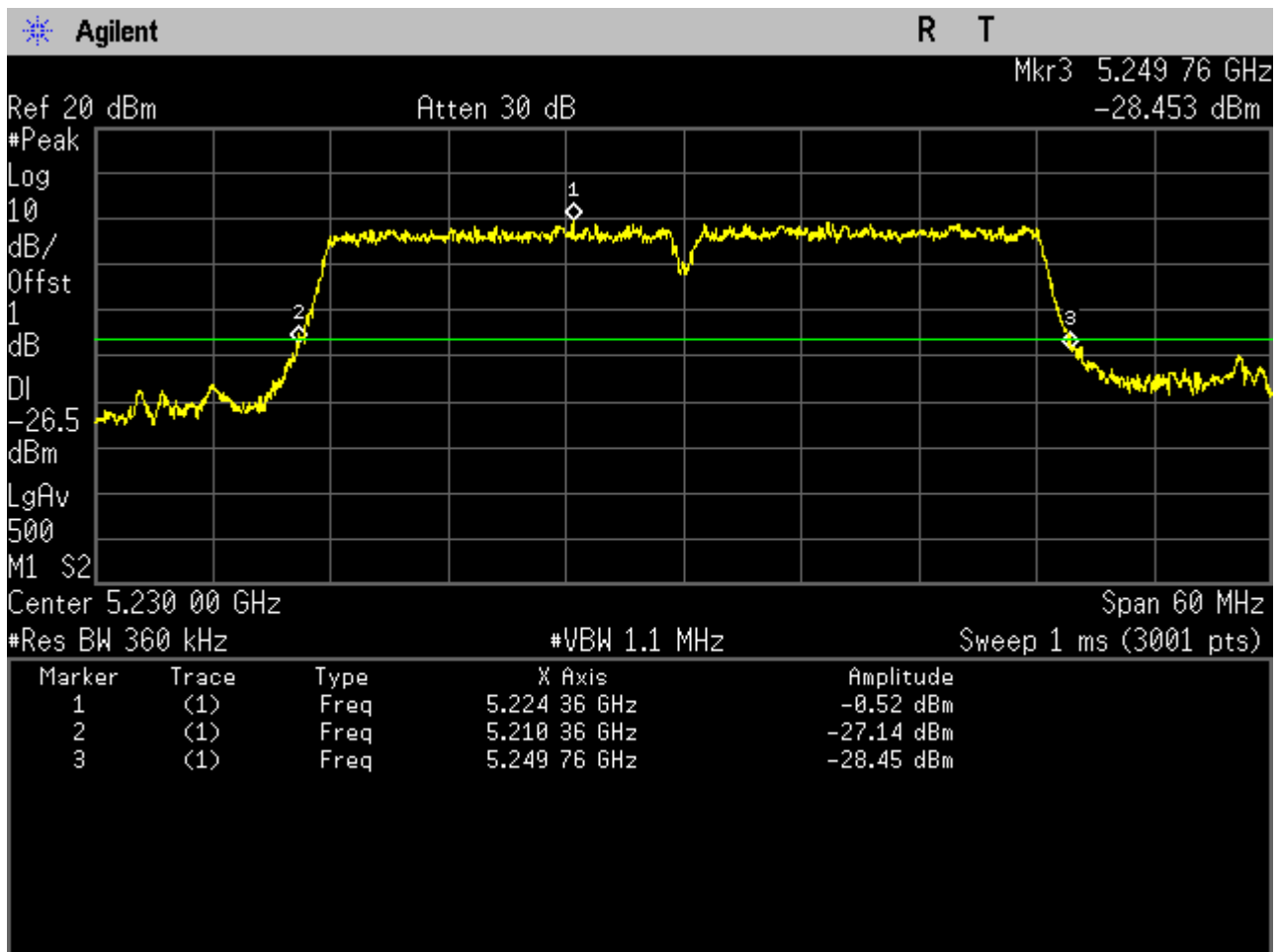
2.2411N40_46 Ant 2



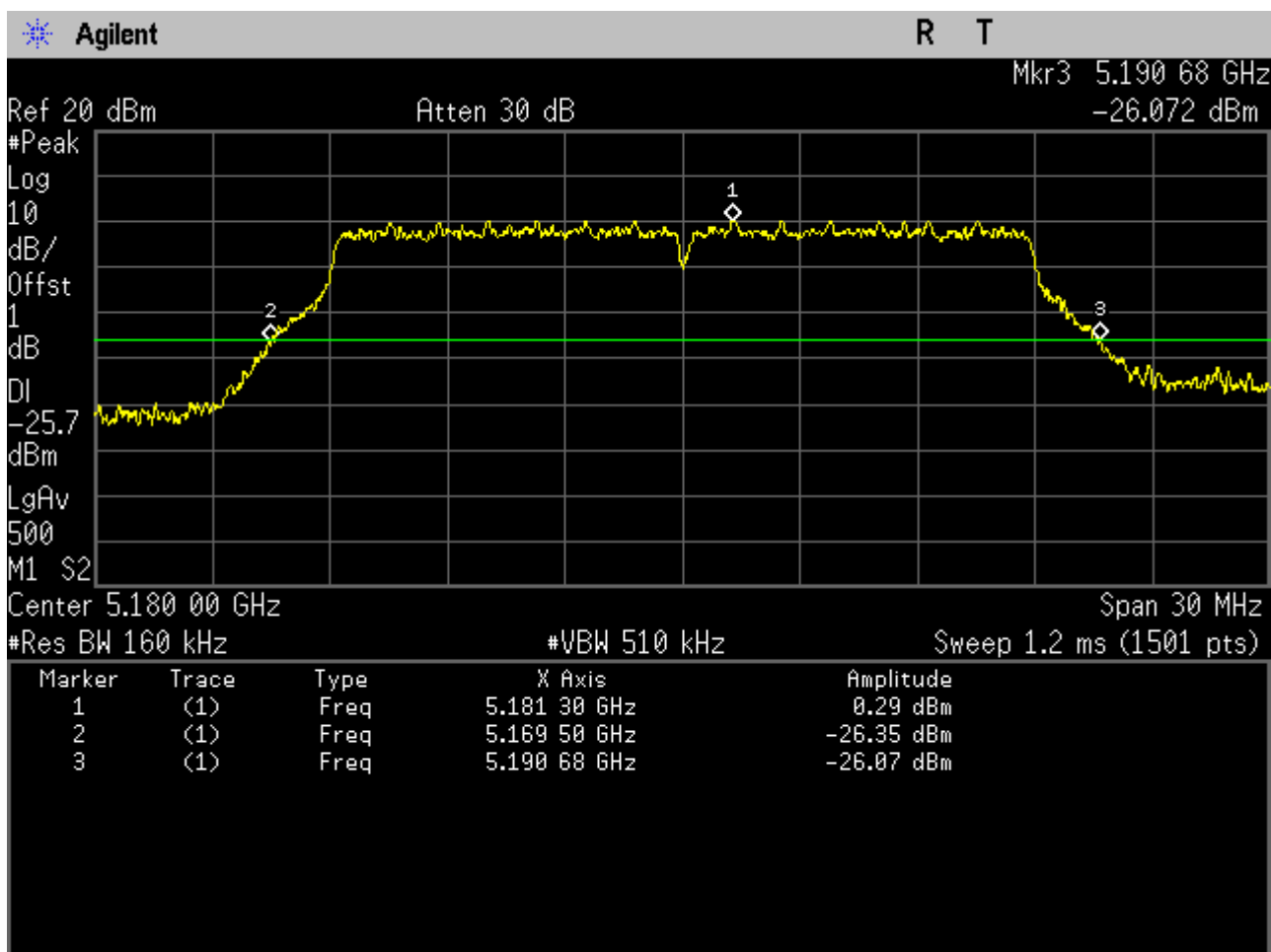
2.2511N40M_46 Ant 1



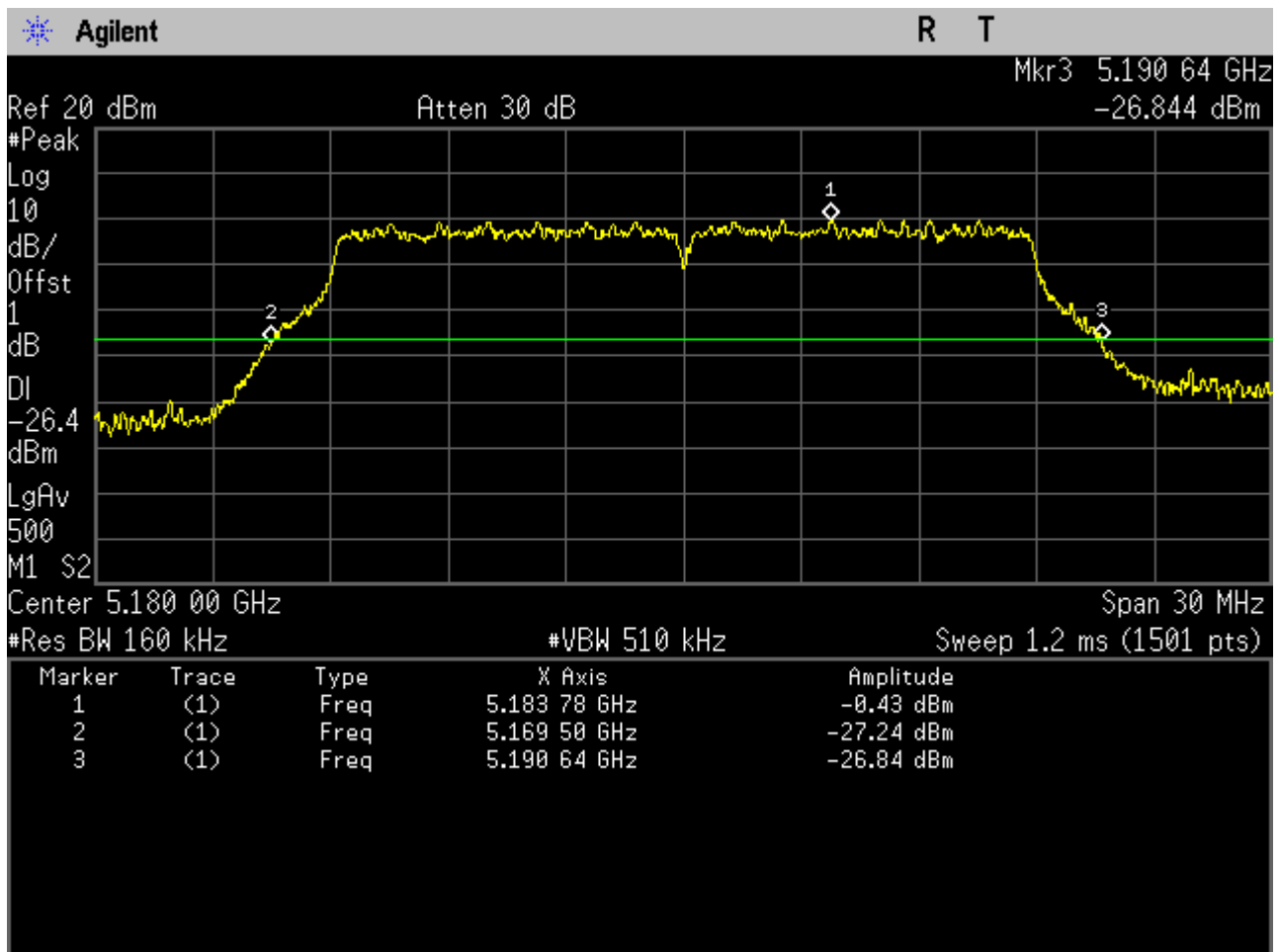
2.2611N40M_46 Ant 2



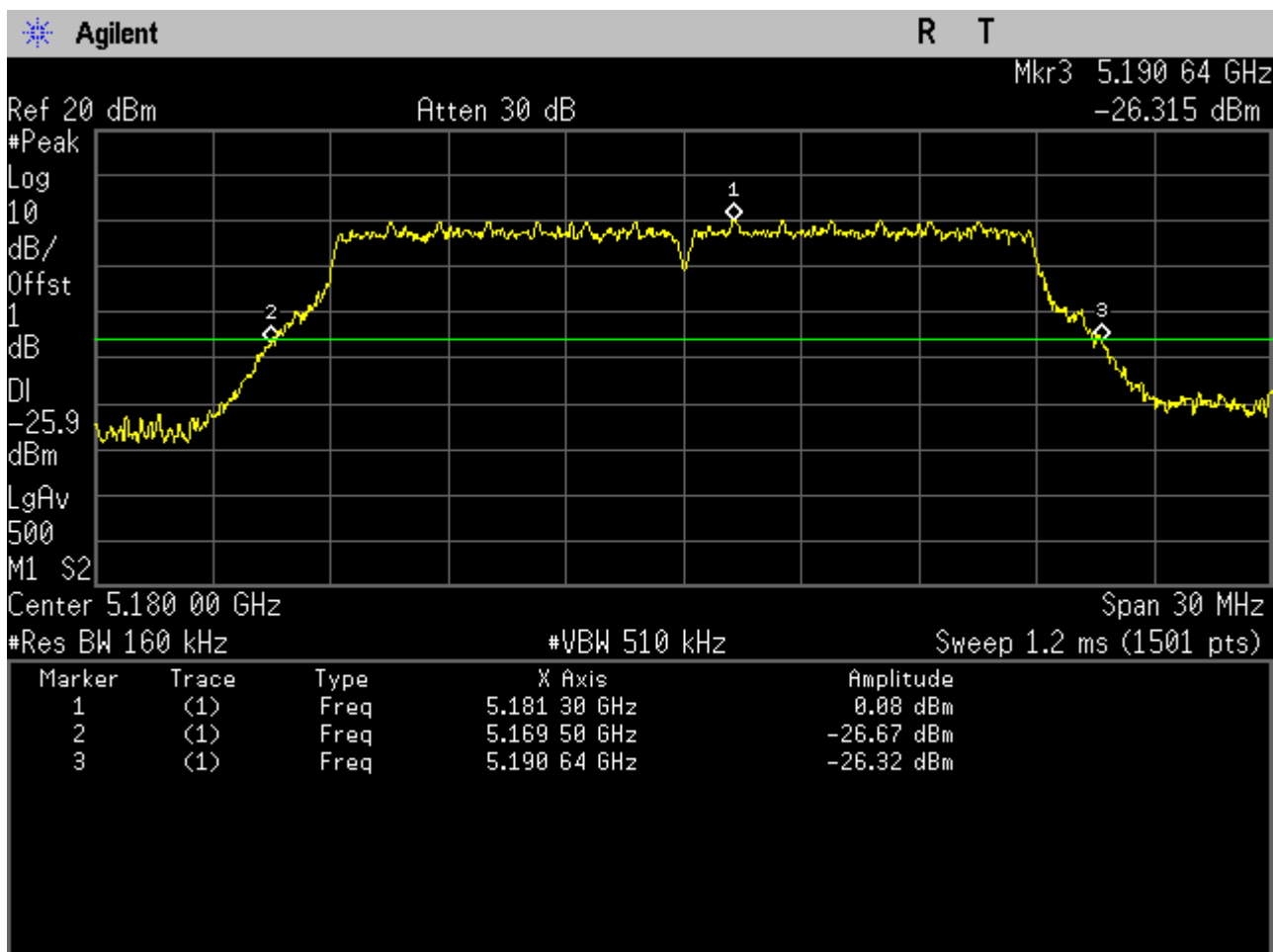
2.2711AC20_36 Ant 1



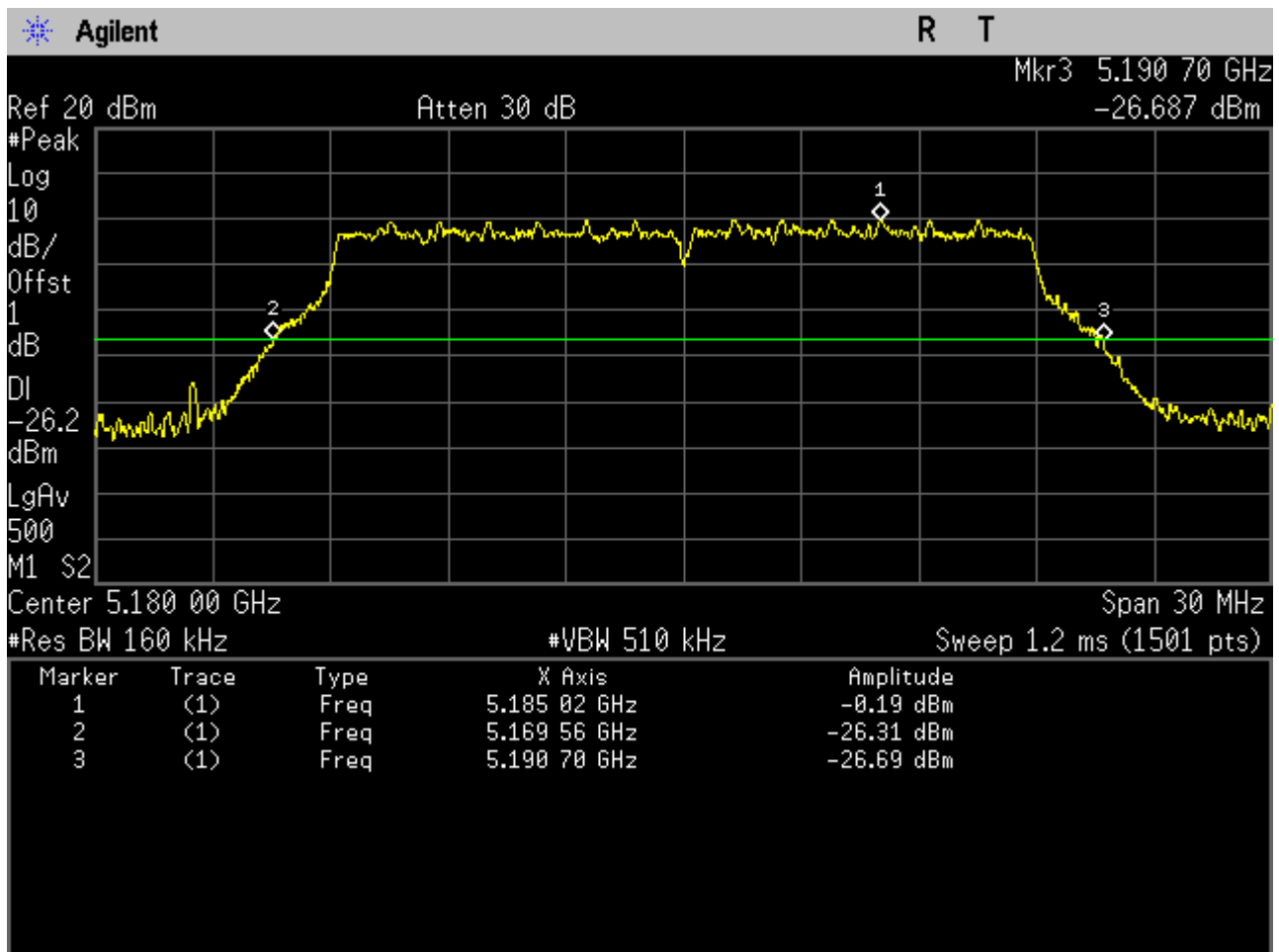
2.2811AC20_36 Ant 2



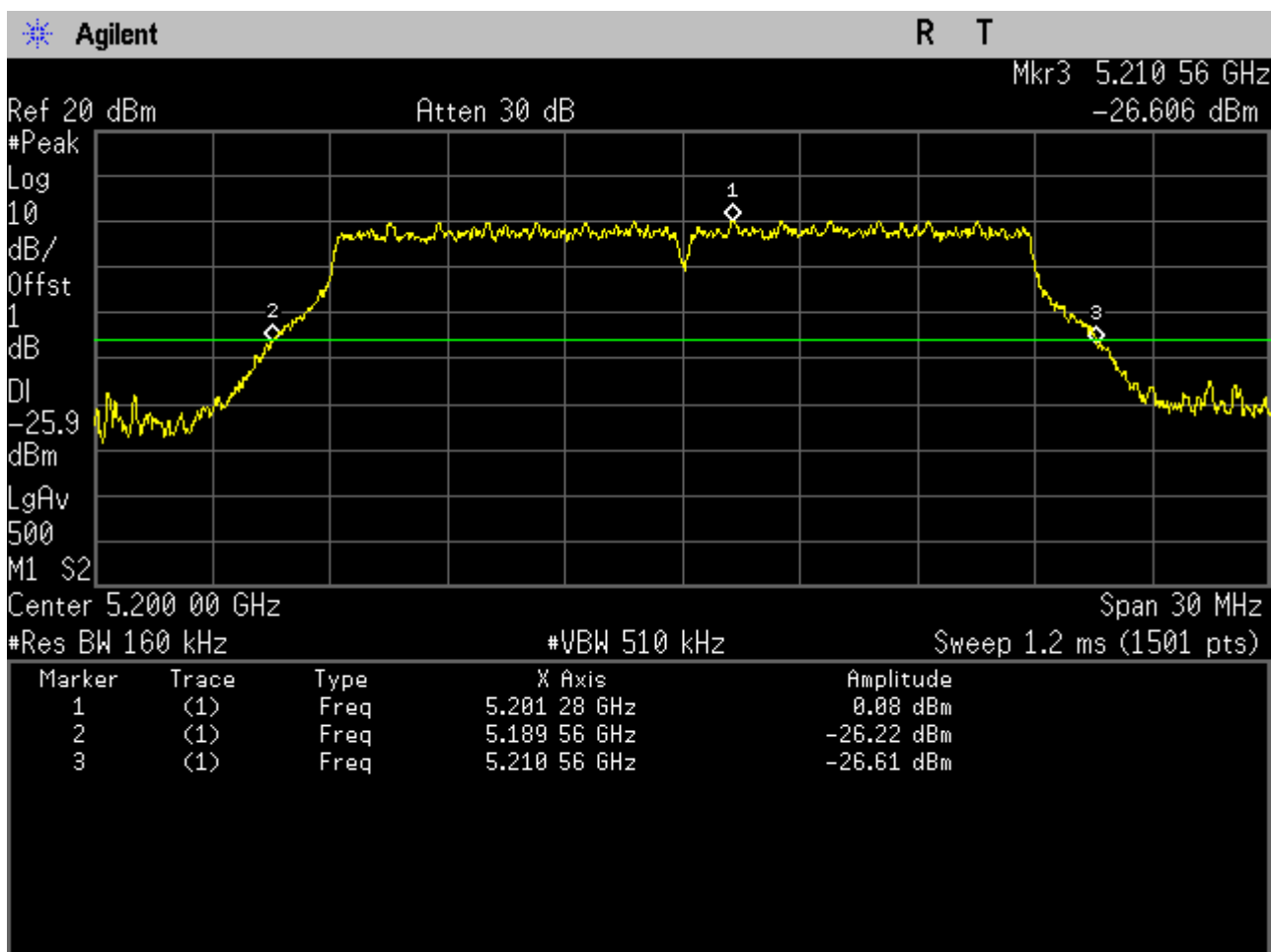
2.2911AC20M_36 Ant 1



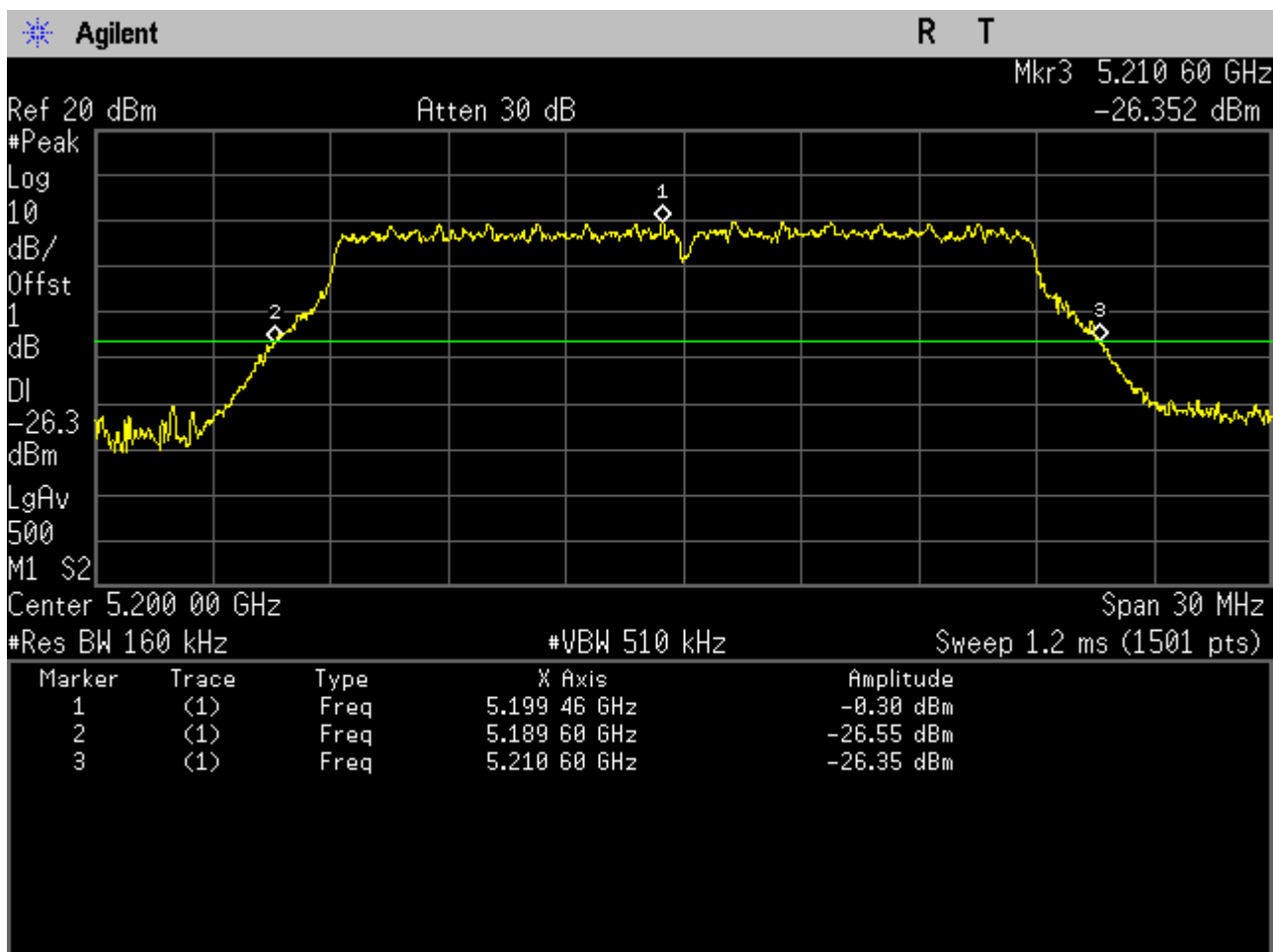
2.3011AC20M_36 Ant 2



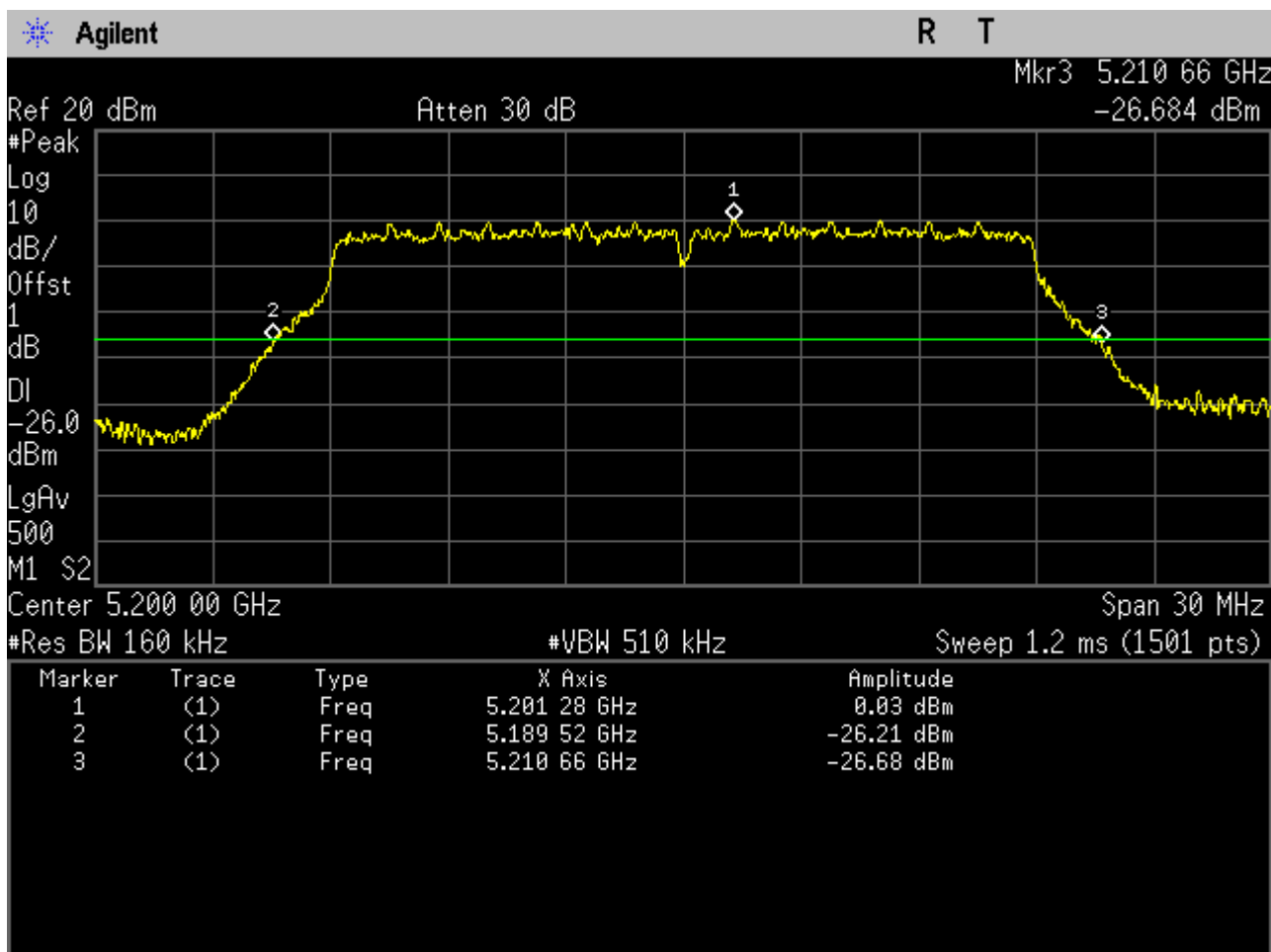
2.3111AC20_40 Ant 1



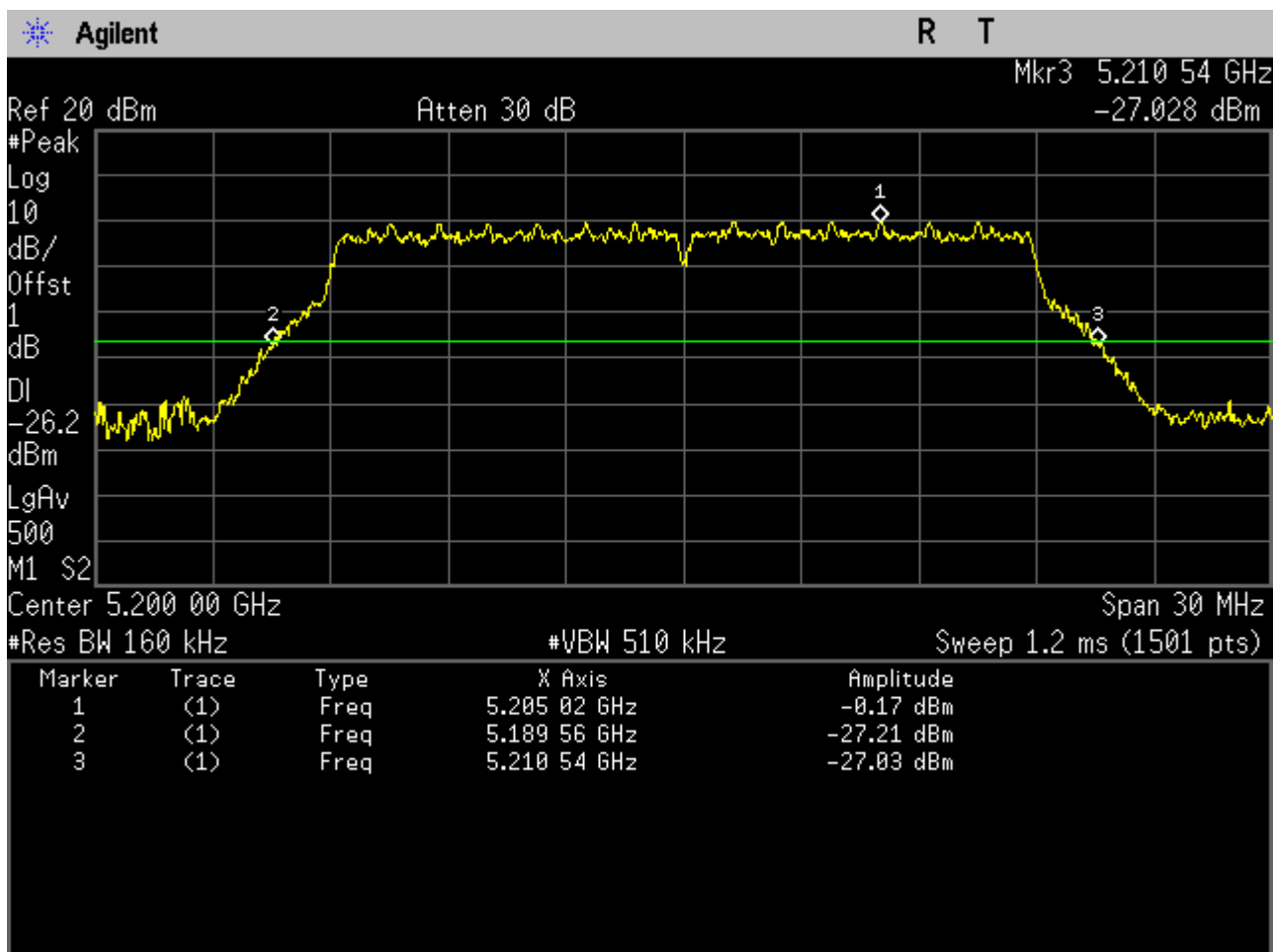
2.3211AC20_40 Ant 2



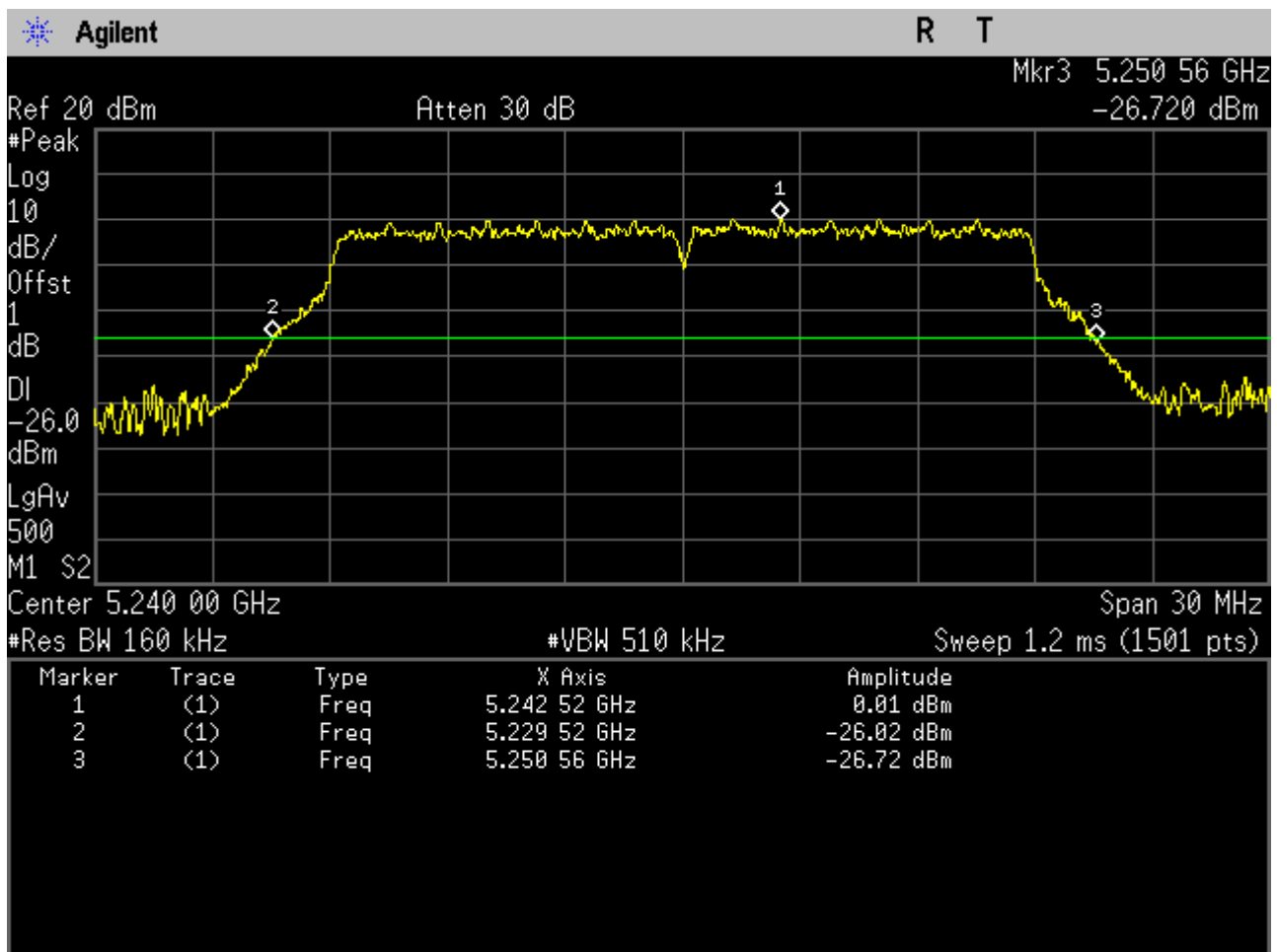
2.3311AC20M_40 Ant 1



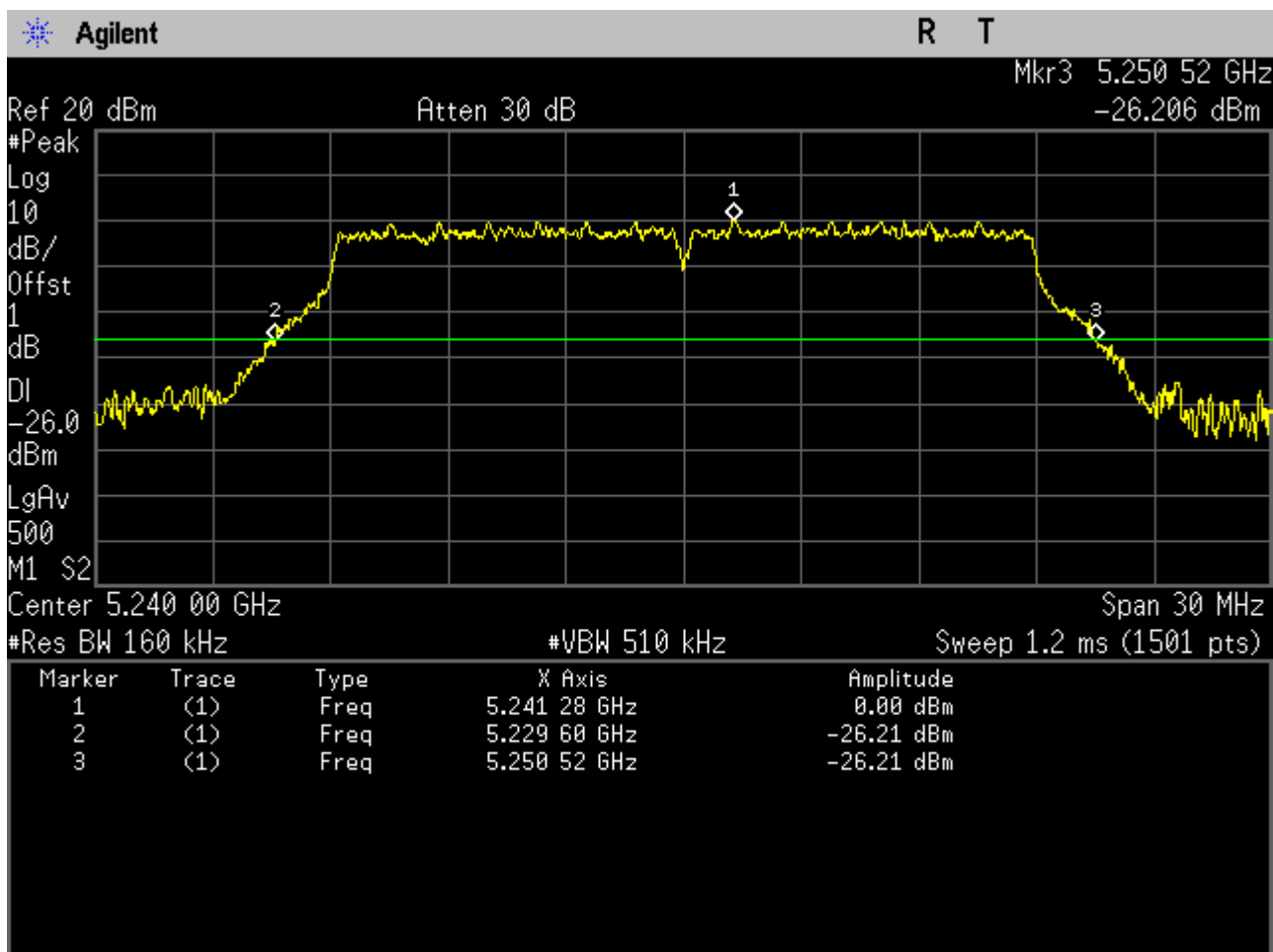
2.3411AC20M_40 Ant 2



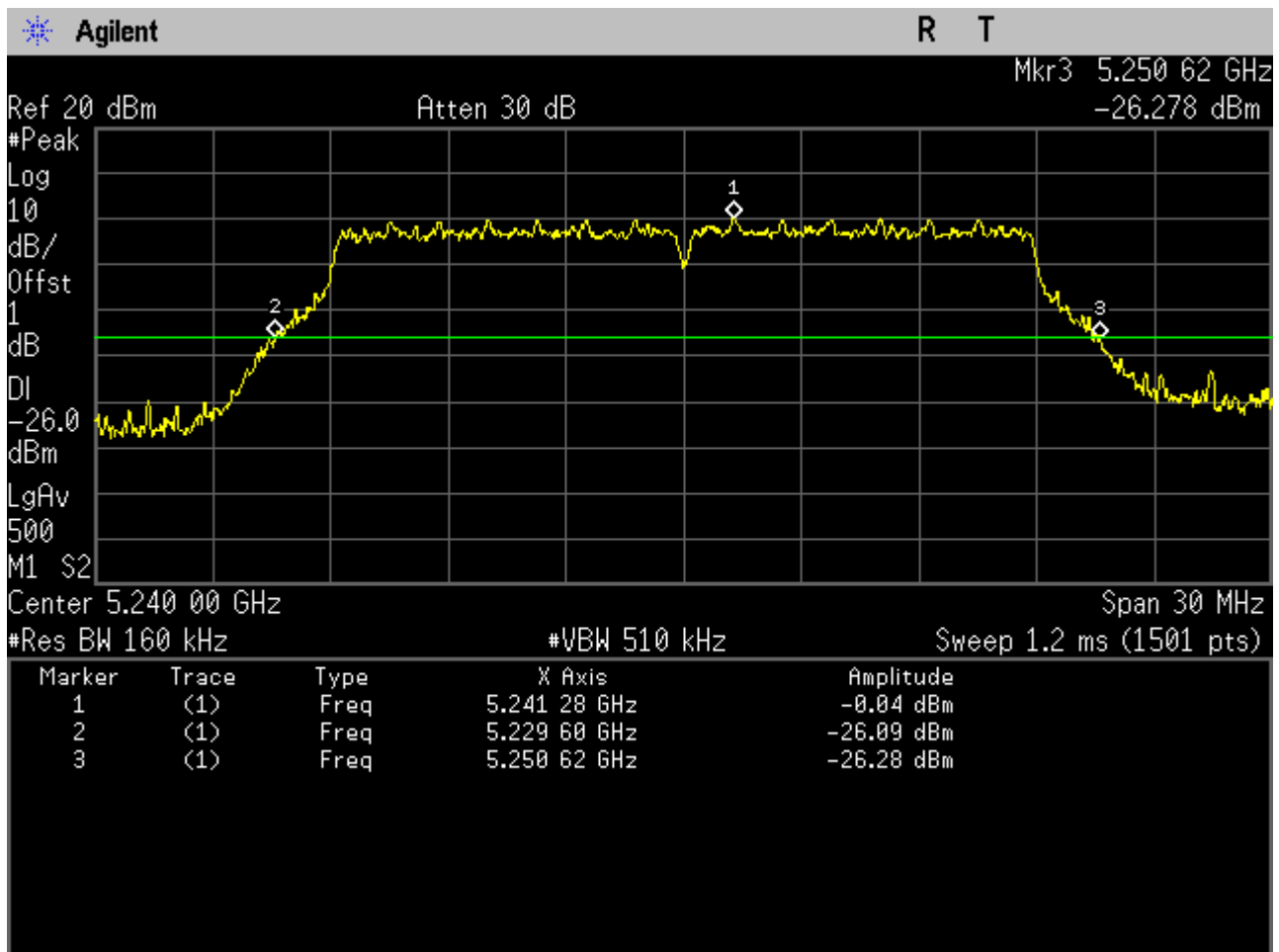
2.3511AC20_48 Ant 1



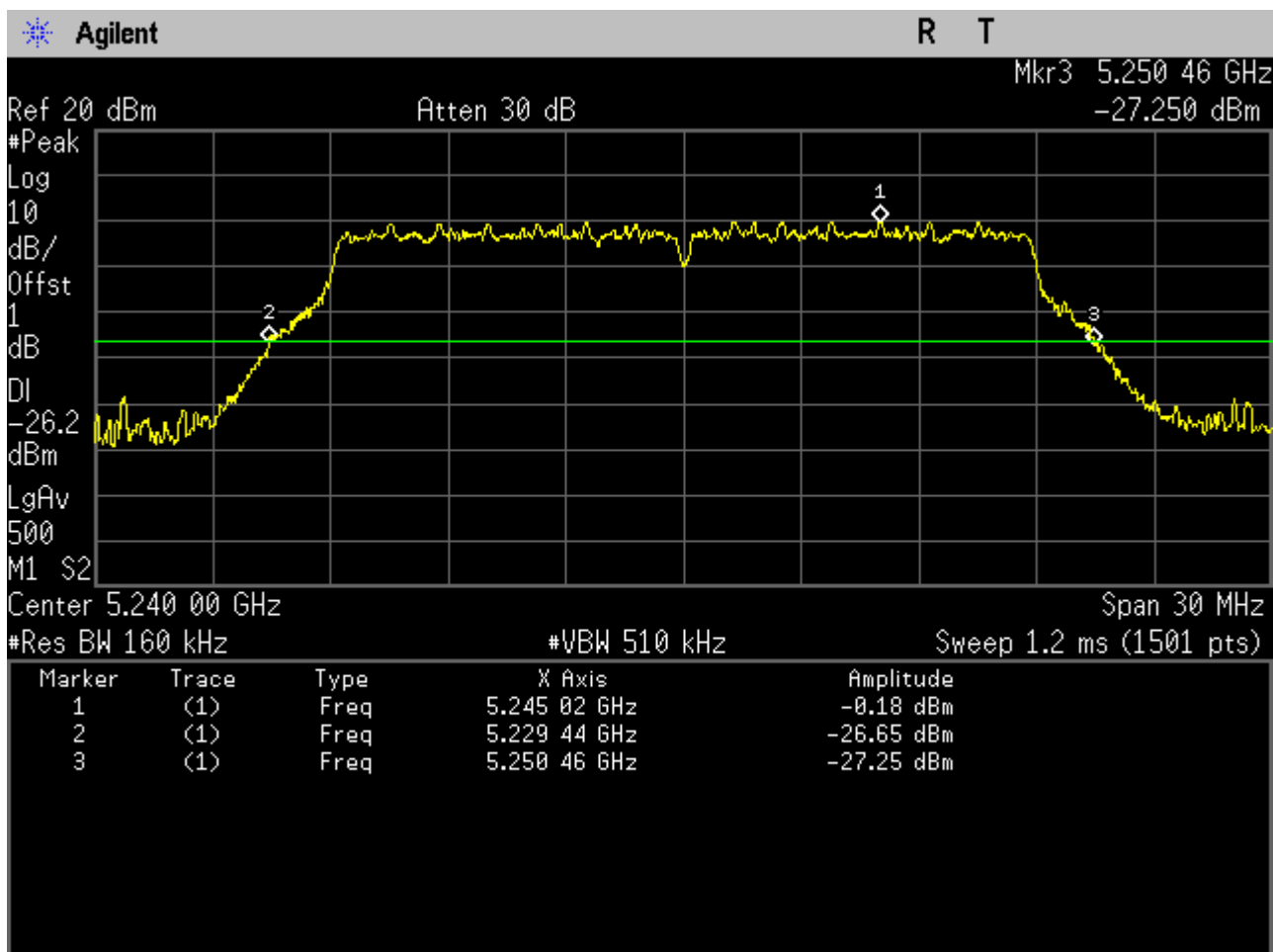
2.3611AC20_48 Ant 2



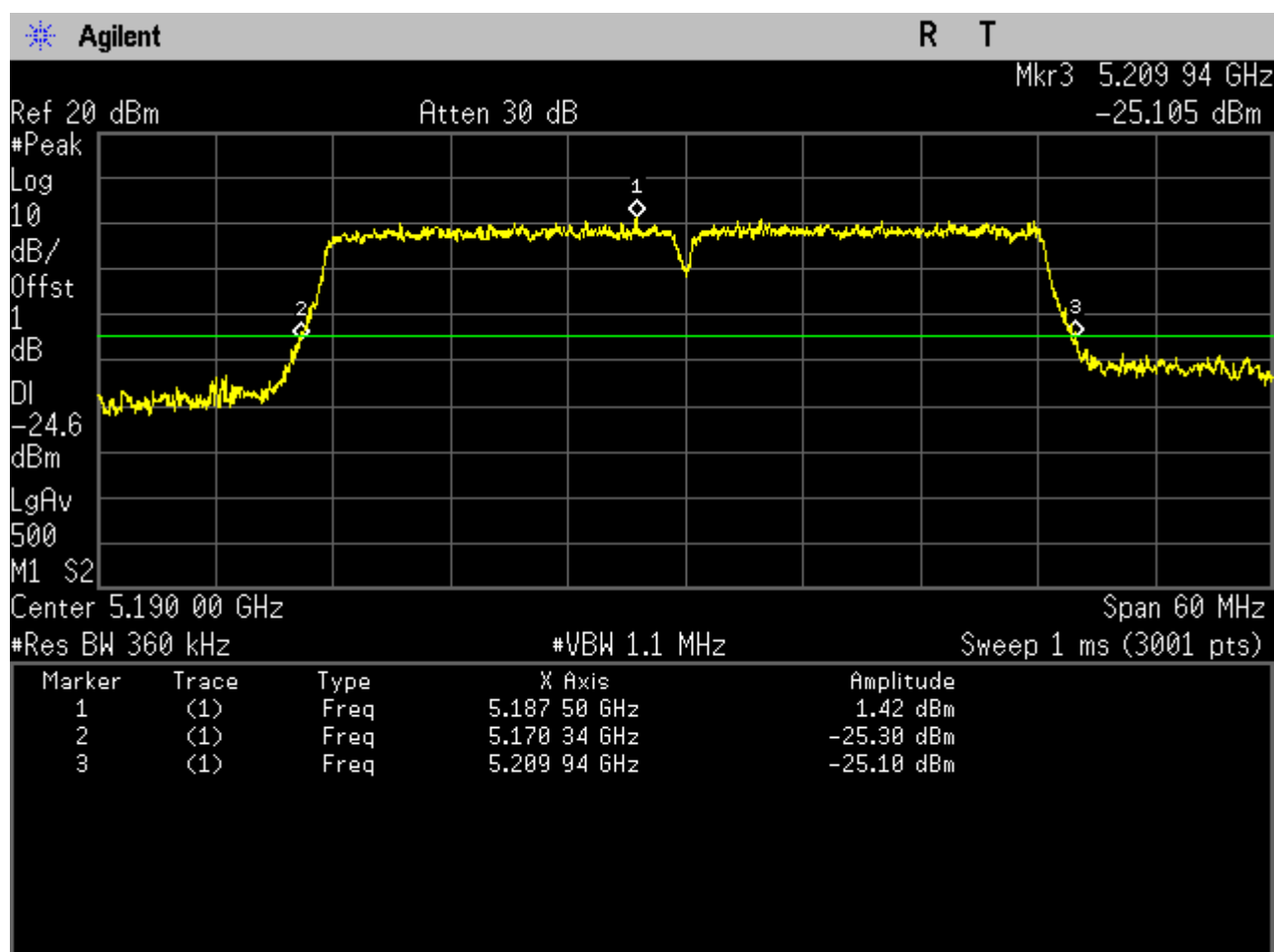
2.3711AC20M_48 Ant 1



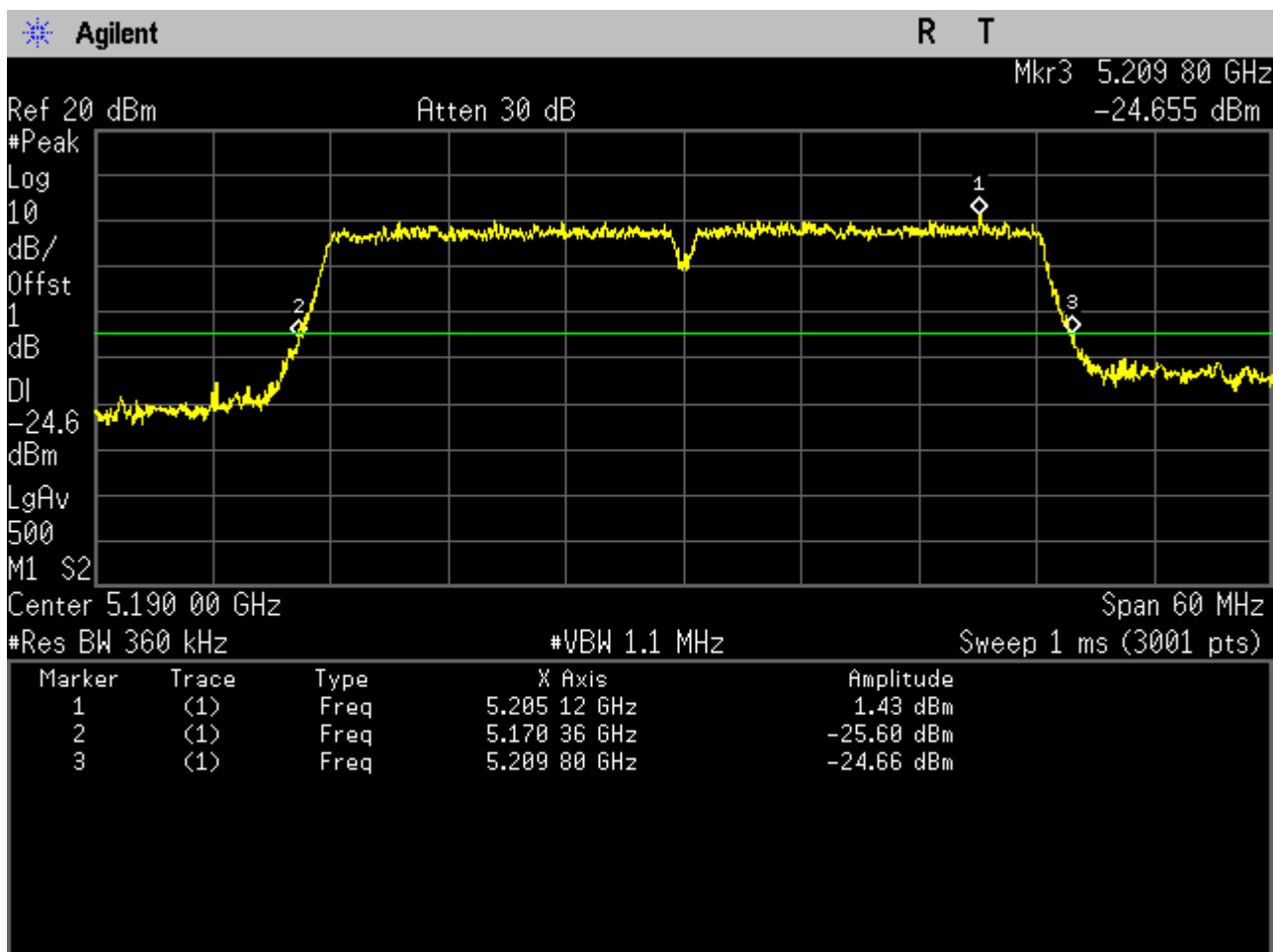
2.3811AC20M_48 Ant 2



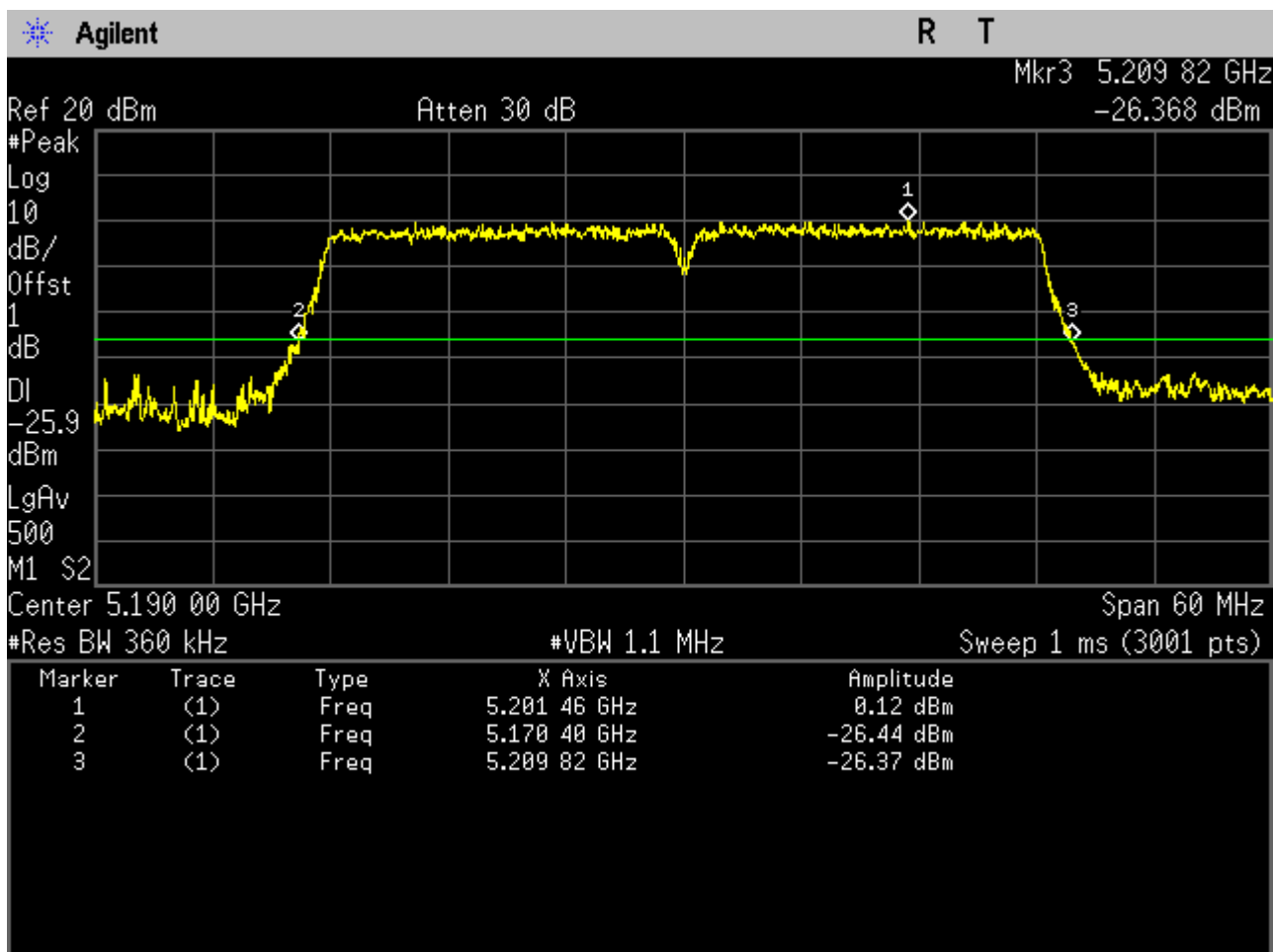
2.3911AC40_38 Ant 1



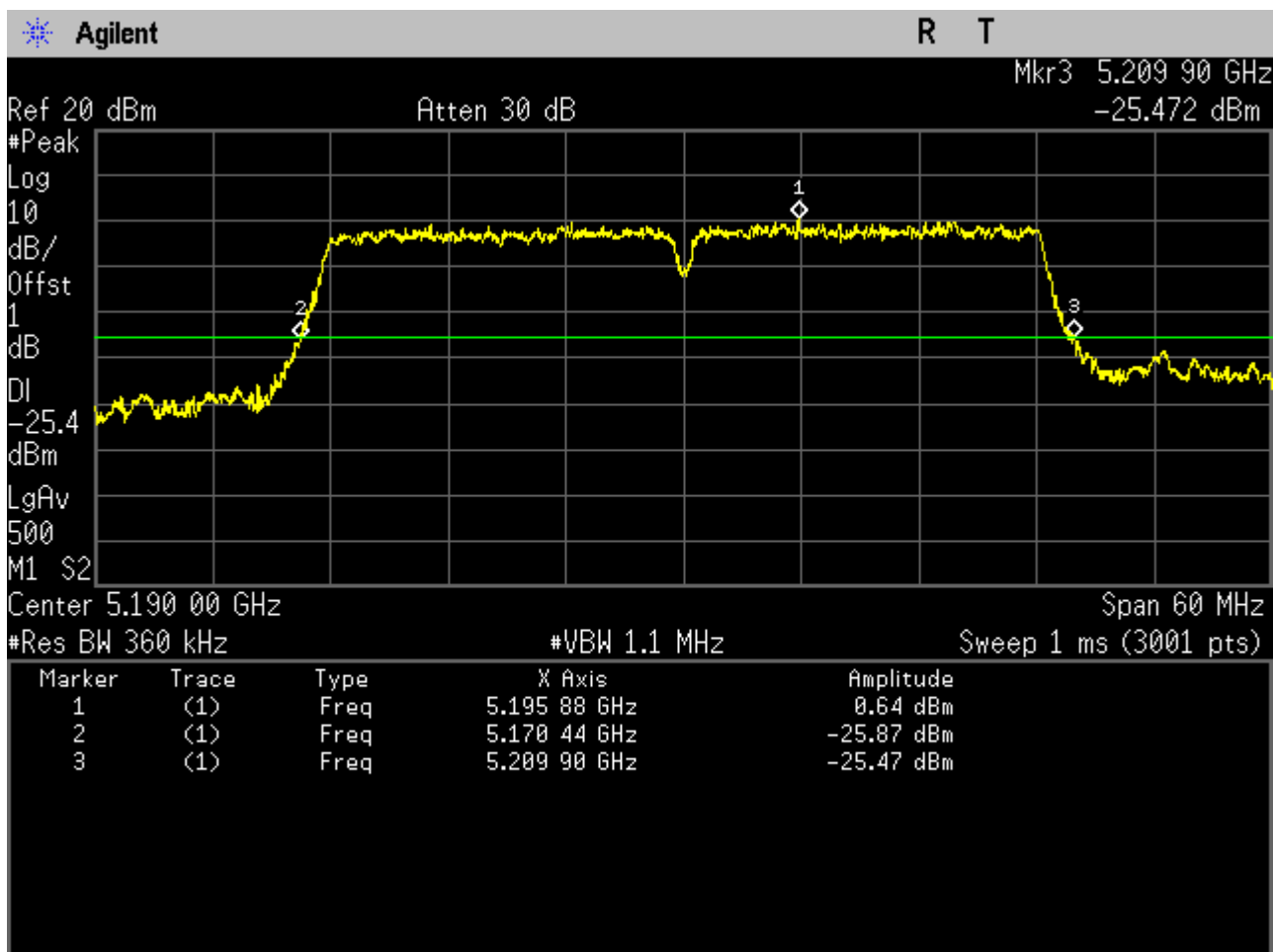
2.4011AC40_38 Ant 2



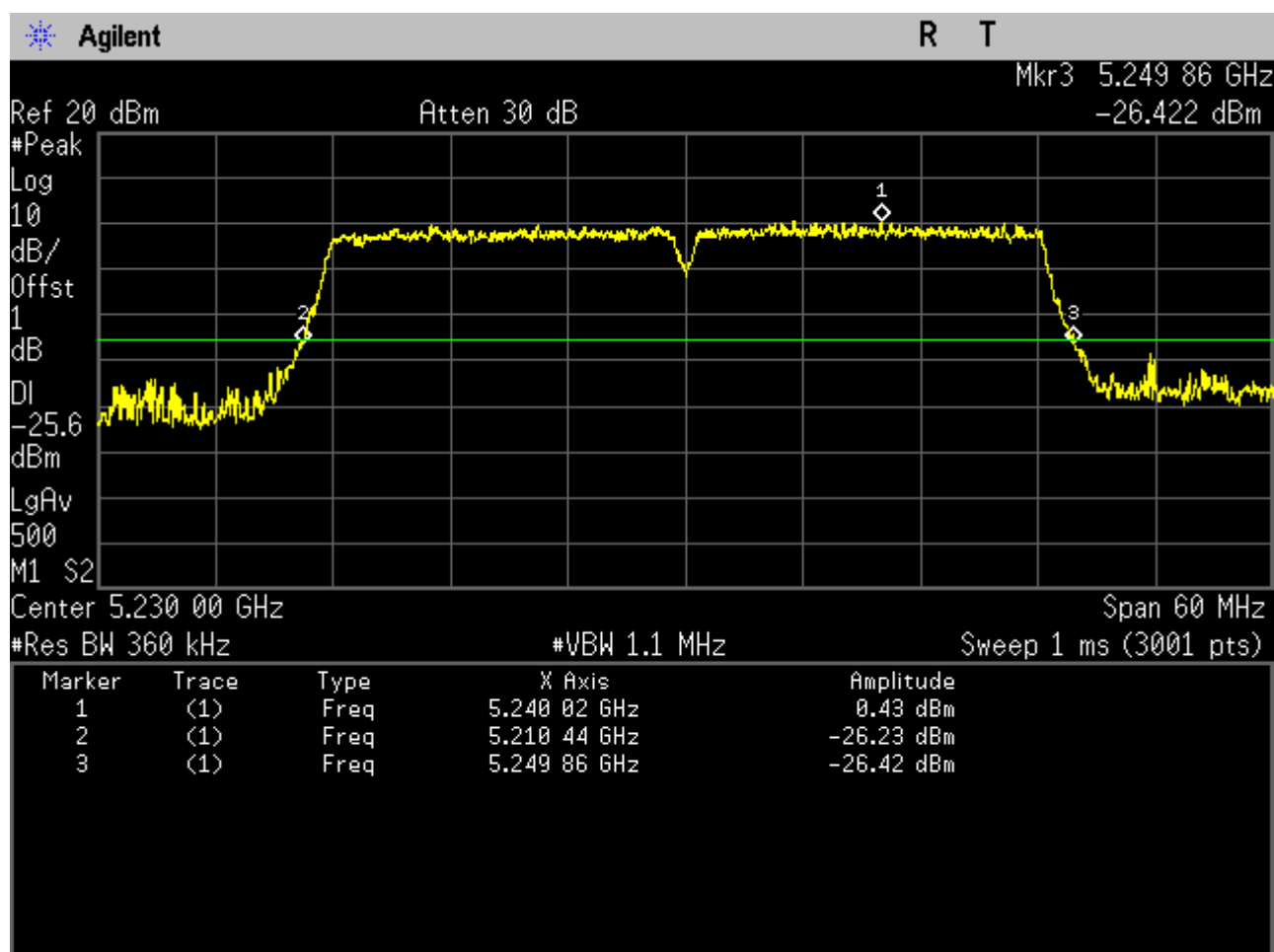
2.4111AC40M_38 Ant 1



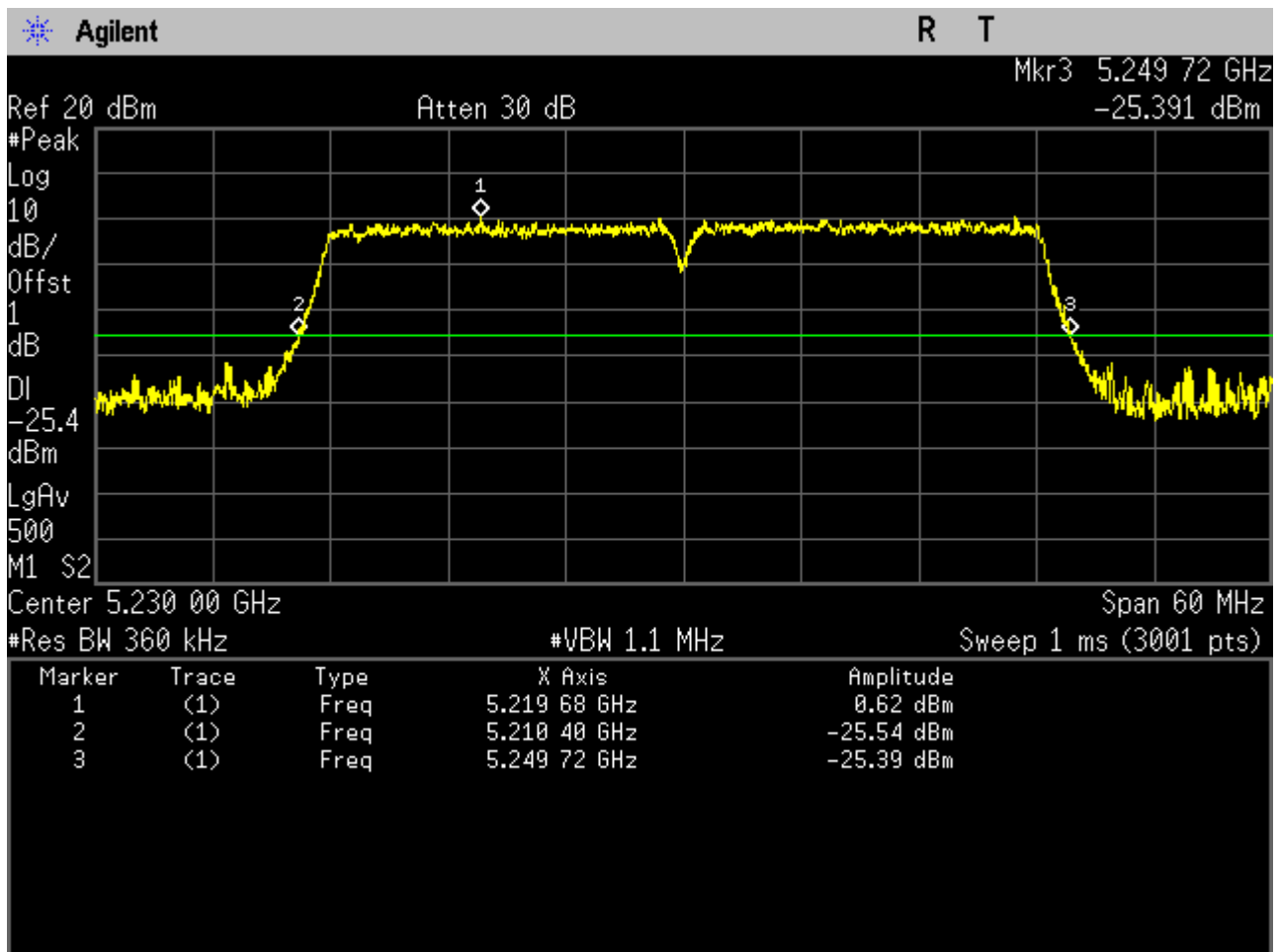
2.4211AC40M_38 Ant 2



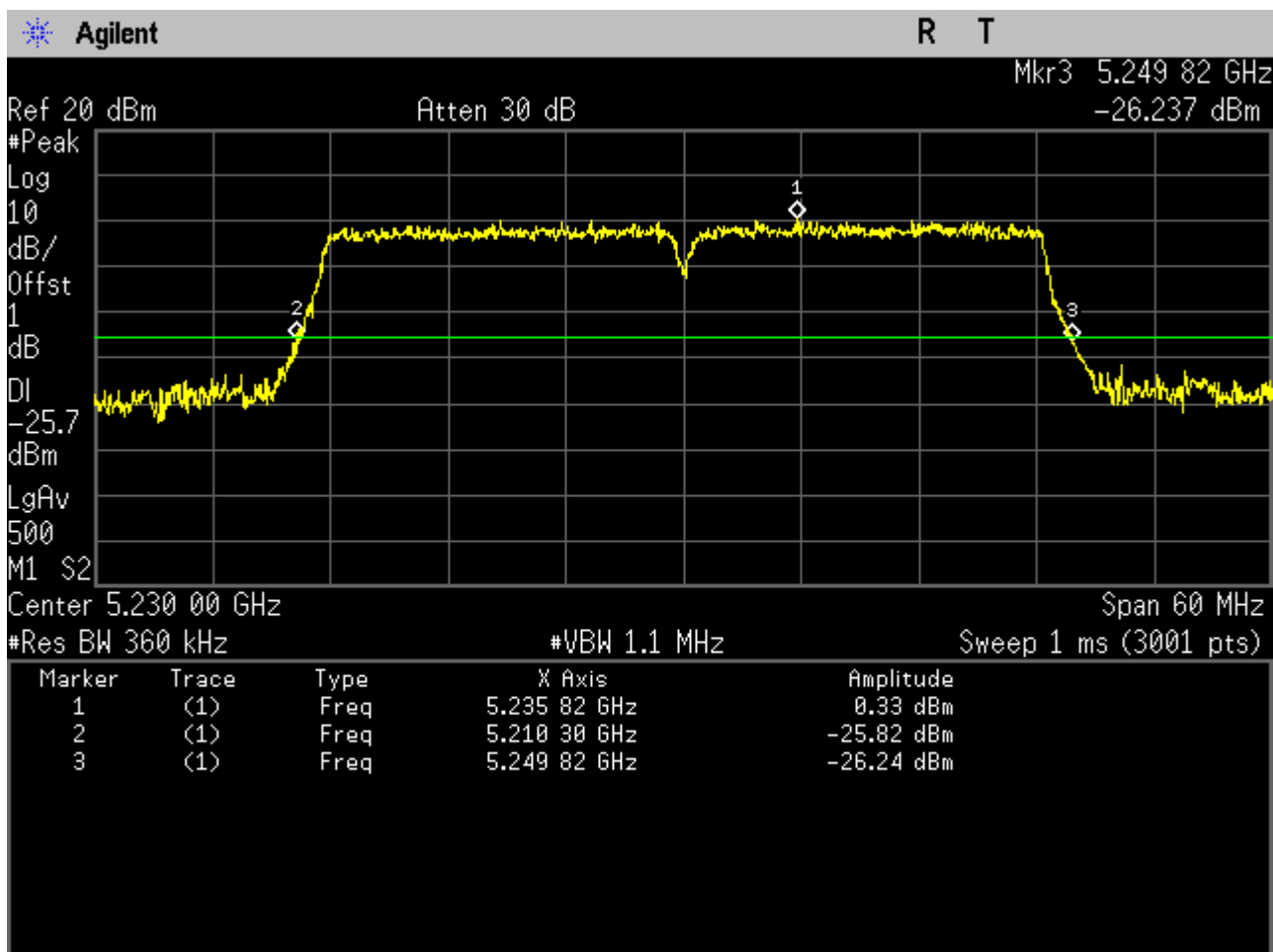
2.4311AC40_46 Ant 1



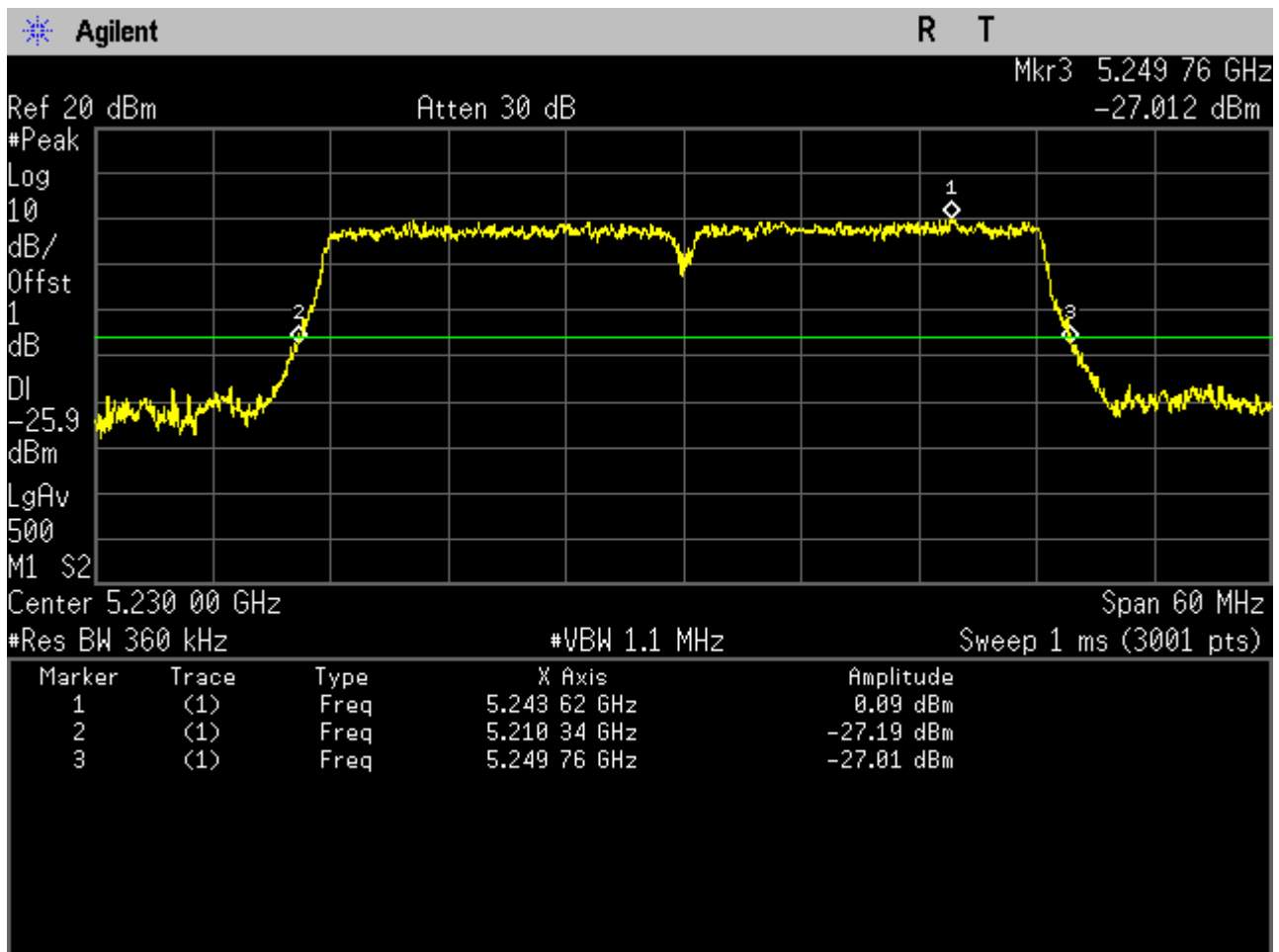
2.4411AC40_46 Ant 2



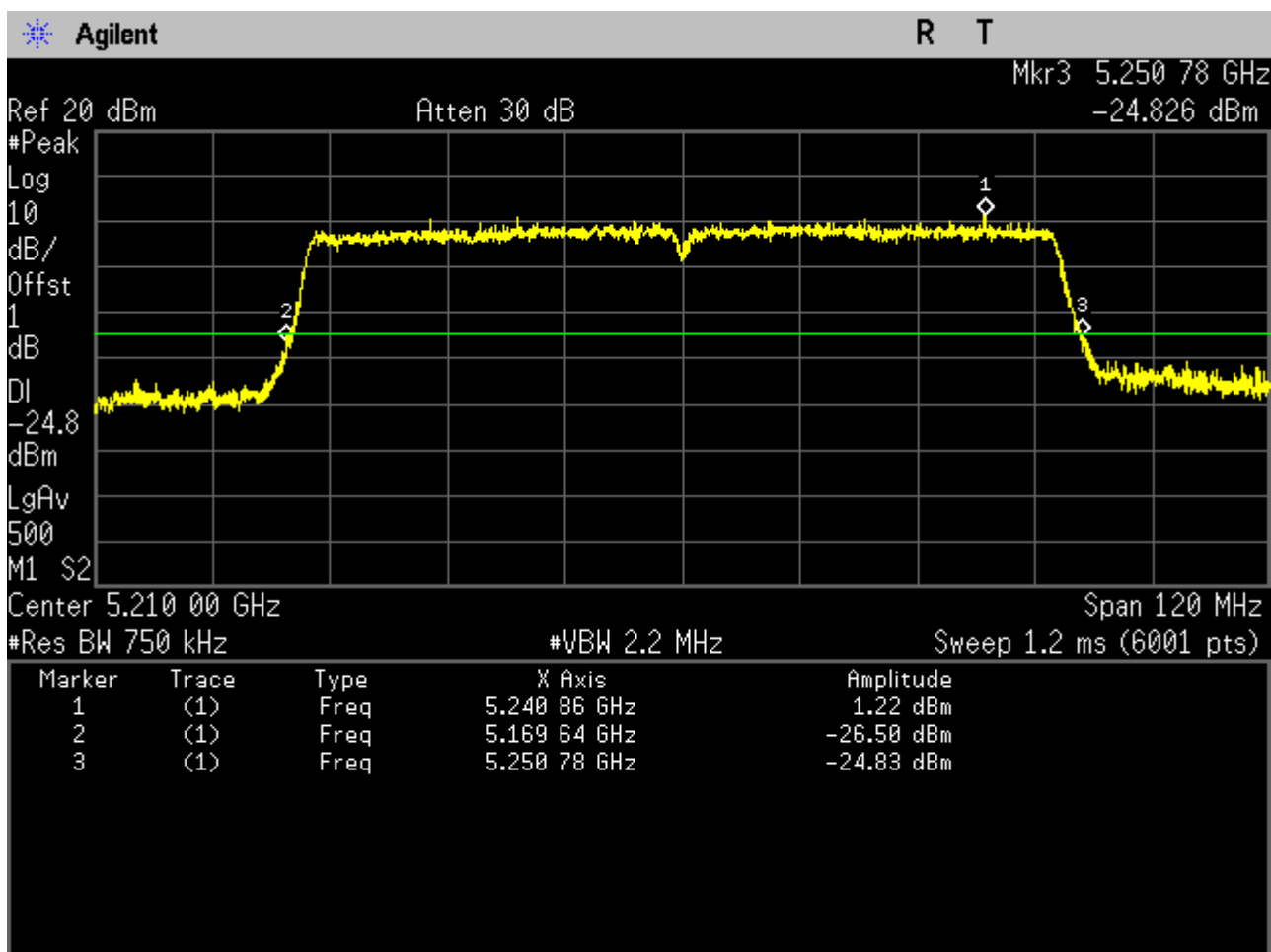
2.4511AC40M_46 Ant 1



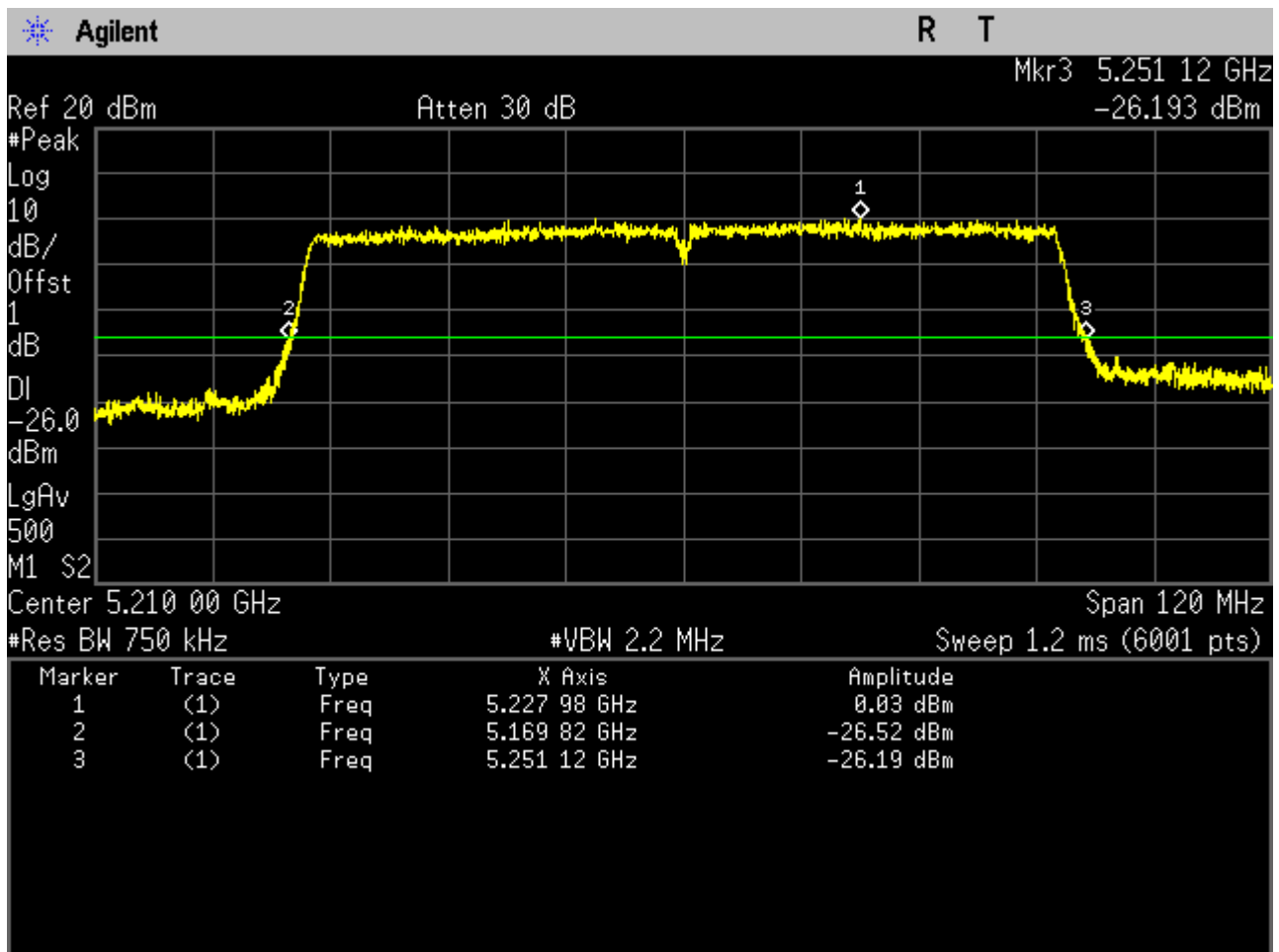
2.4611AC40M_46 Ant 2



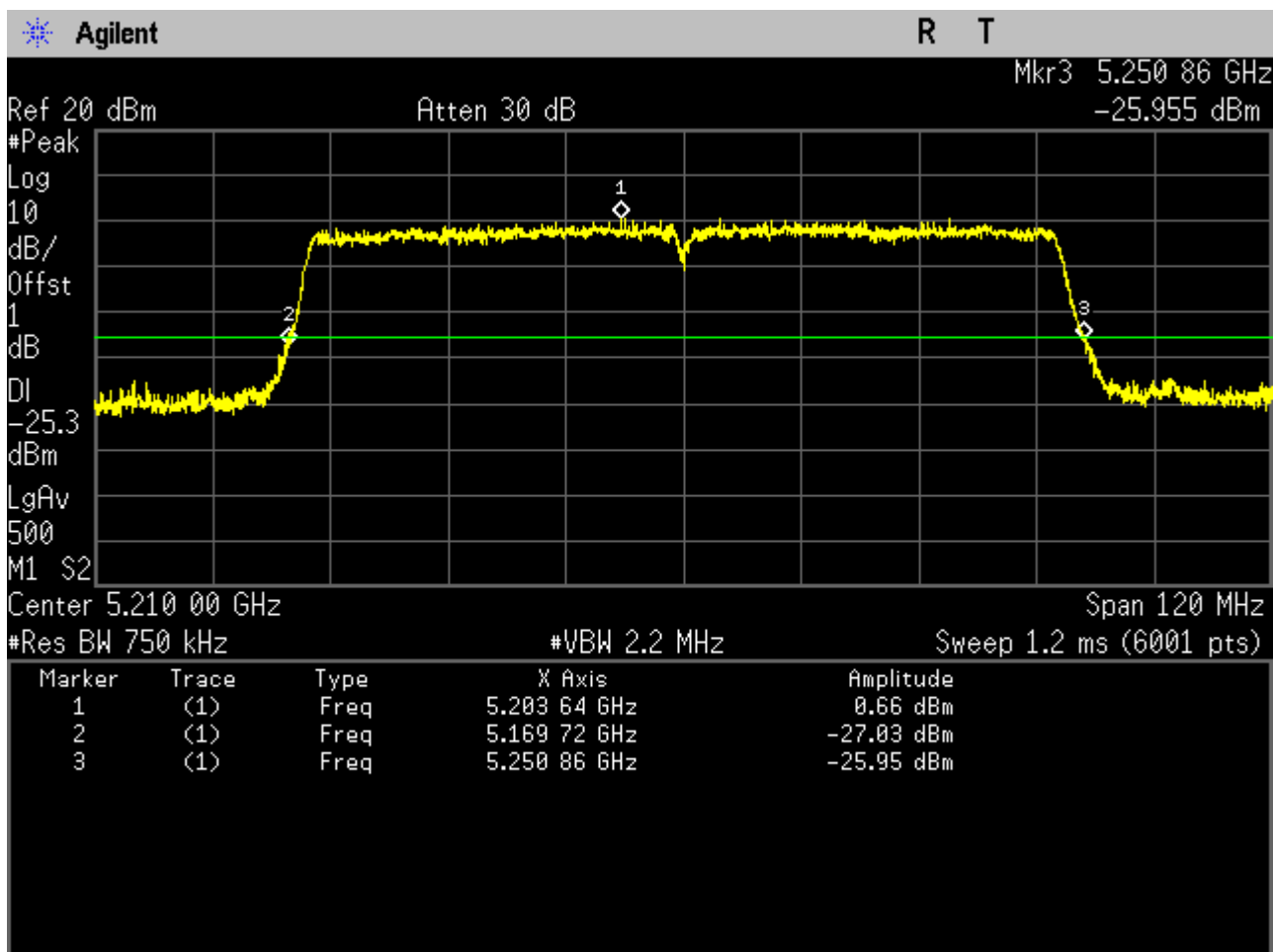
2.4711AC80_42 Ant 1



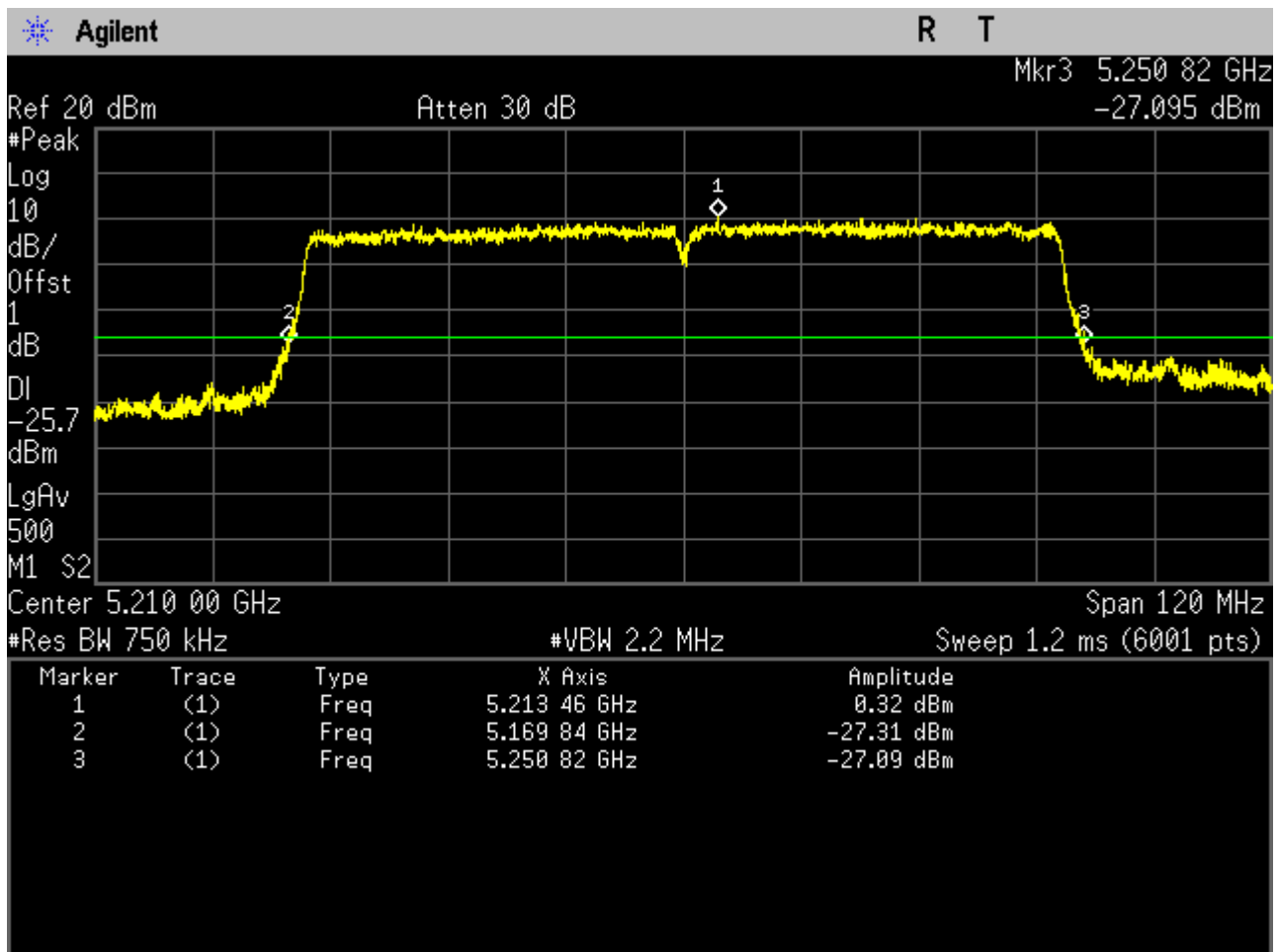
2.4811AC80_42 Ant 2



2.4911AC80M_42 Ant 1



2.5011AC80M_42 Ant 2



Appendix B: Maximum Conducted Output Power

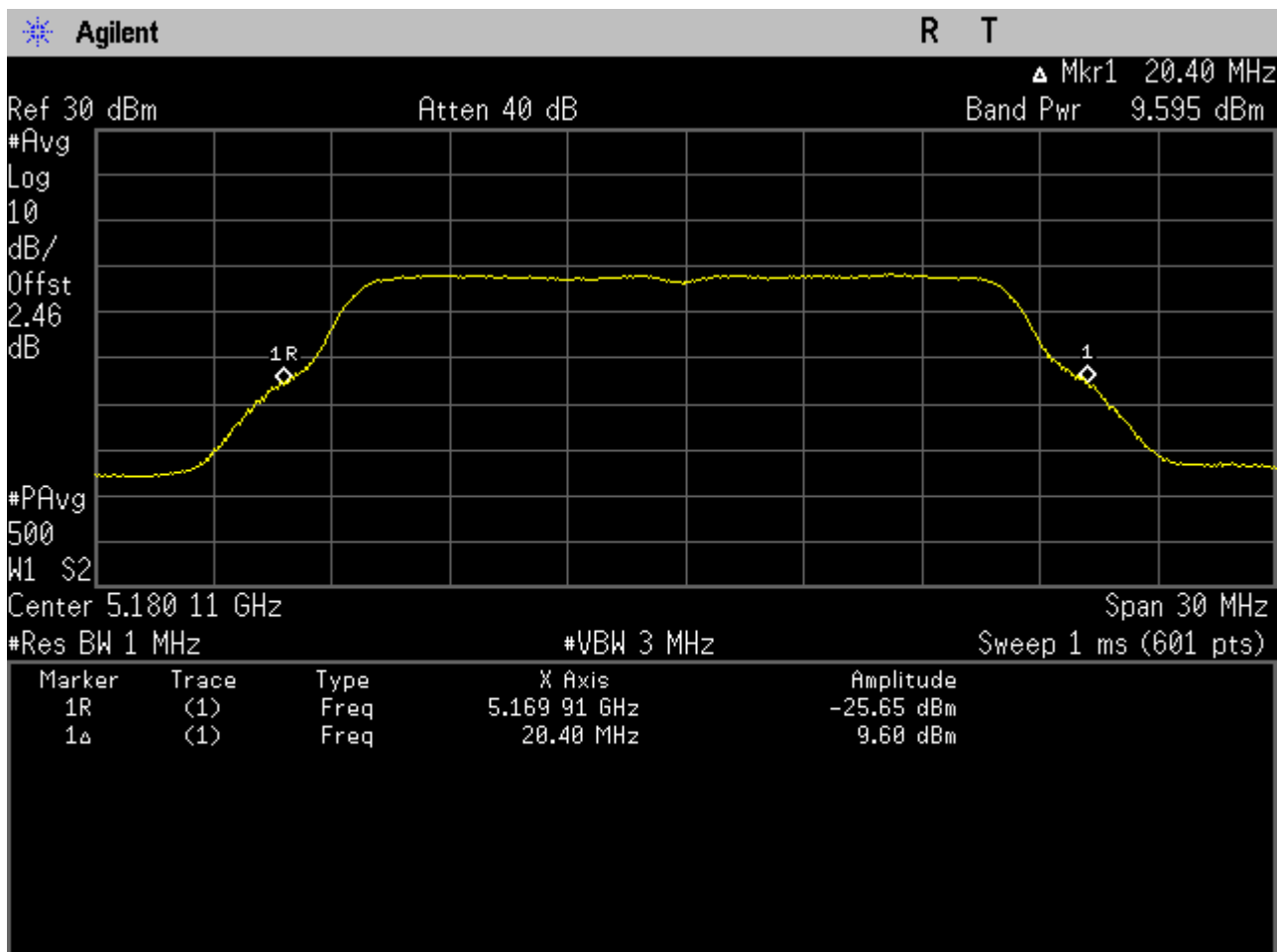
3 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	9.6	pass
11A	36	5180	Ant 2	8.94	pass
11A	40	5200	Ant 1	9.43	pass
11A	40	5200	Ant 2	8.99	pass
11A	48	5240	Ant 1	9.02	pass
11A	48	5240	Ant 2	9.4	pass
11N20	36	5180	Ant 1	9.26	pass
11N20	36	5180	Ant 2	9.02	pass
11N20M	36	5180	Ant 1	11.67	pass
11N20M	36	5180	Ant 2	11.04	pass
11N20M	36	5180	Sum	14.38	pass
11N20	40	5200	Ant 1	9.07	pass
11N20	40	5200	Ant 2	9.05	pass
11N20M	40	5200	Ant 1	11.46	pass
11N20M	40	5200	Ant 2	11.07	pass
11N20M	40	5200	Sum	14.28	pass
11N20	48	5240	Ant 1	9.03	pass
11N20	48	5240	Ant 2	9.24	pass
11N20M	48	5240	Ant 1	11.37	pass
11N20M	48	5240	Ant 2	11.28	pass
11N20M	48	5240	Sum	14.34	pass
11N40	38	5190	Ant 1	10.14	pass
11N40	38	5190	Ant 2	9.76	pass
11N40M	38	5190	Ant 1	9.98	pass
11N40M	38	5190	Ant 2	9.68	pass
11N40M	38	5190	Sum	12.84	pass
11N40	46	5230	Ant 1	9.87	pass
11N40	46	5230	Ant 2	9.73	pass
11N40M	46	5230	Ant 1	9.77	pass
11N40M	46	5230	Ant 2	9.73	pass
11N40M	46	5230	Sum	12.76	pass
11AC20	36	5180	Ant 1	10.72	pass
11AC20	36	5180	Ant 2	10.16	pass
11AC20M	36	5180	Ant 1	10.63	pass
11AC20M	36	5180	Ant 2	10.3	pass

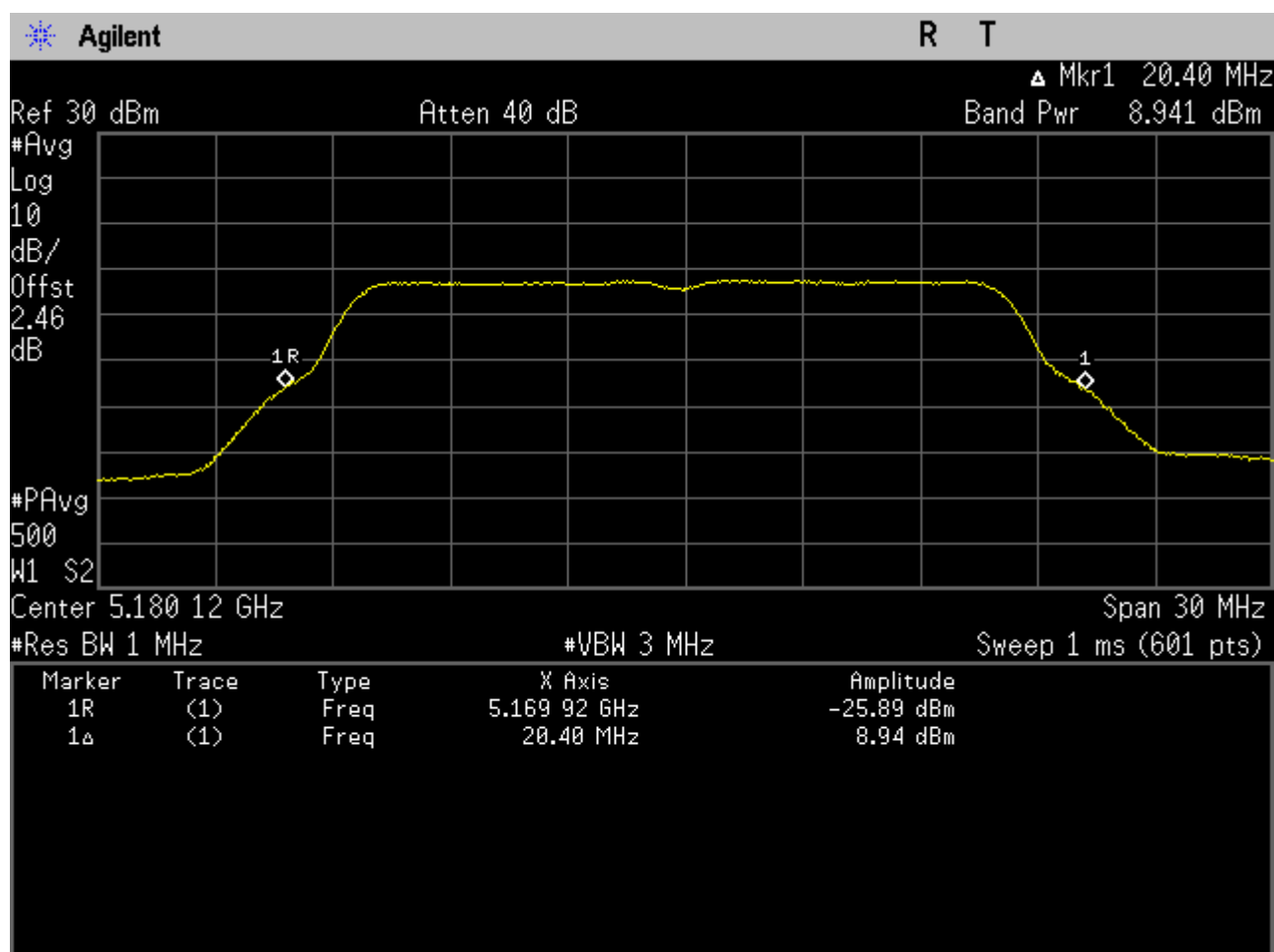
11AC20M	36	5180	Sum	13.48	pass
11AC20	40	5200	Ant 1	10.6	pass
11AC20	40	5200	Ant 2	10.15	pass
11AC20M	40	5200	Ant 1	10.52	pass
11AC20M	40	5200	Ant 2	10.24	pass
11AC20M	40	5200	Sum	13.39	pass
11AC20	48	5240	Ant 1	10.39	pass
11AC20	48	5240	Ant 2	10.48	pass
11AC20M	48	5240	Ant 1	10.36	pass
11AC20M	48	5240	Ant 2	10.32	pass
11AC20M	48	5240	Sum	13.35	pass
11AC40	38	5190	Ant 1	11.16	pass
11AC40	38	5190	Ant 2	10.57	pass
11AC40M	38	5190	Ant 1	10.86	pass
11AC40M	38	5190	Ant 2	10.54	pass
11AC40M	38	5190	Sum	13.71	pass
11AC40	46	5230	Ant 1	10.8	pass
11AC40	46	5230	Ant 2	10.79	pass
11AC40M	46	5230	Ant 1	10.87	pass
11AC40M	46	5230	Ant 2	10.67	pass
11AC40M	46	5230	Sum	13.78	pass
11AC80	42	5210	Ant 1	10.58	pass
11AC80	42	5210	Ant 2	10.23	pass
11AC80	42	5210	Ant 1	10.21	pass
11AC80	42	5210	Ant 2	9.91	pass
11AC80	42	5210	Sum	13.07	pass

4 Test Plot

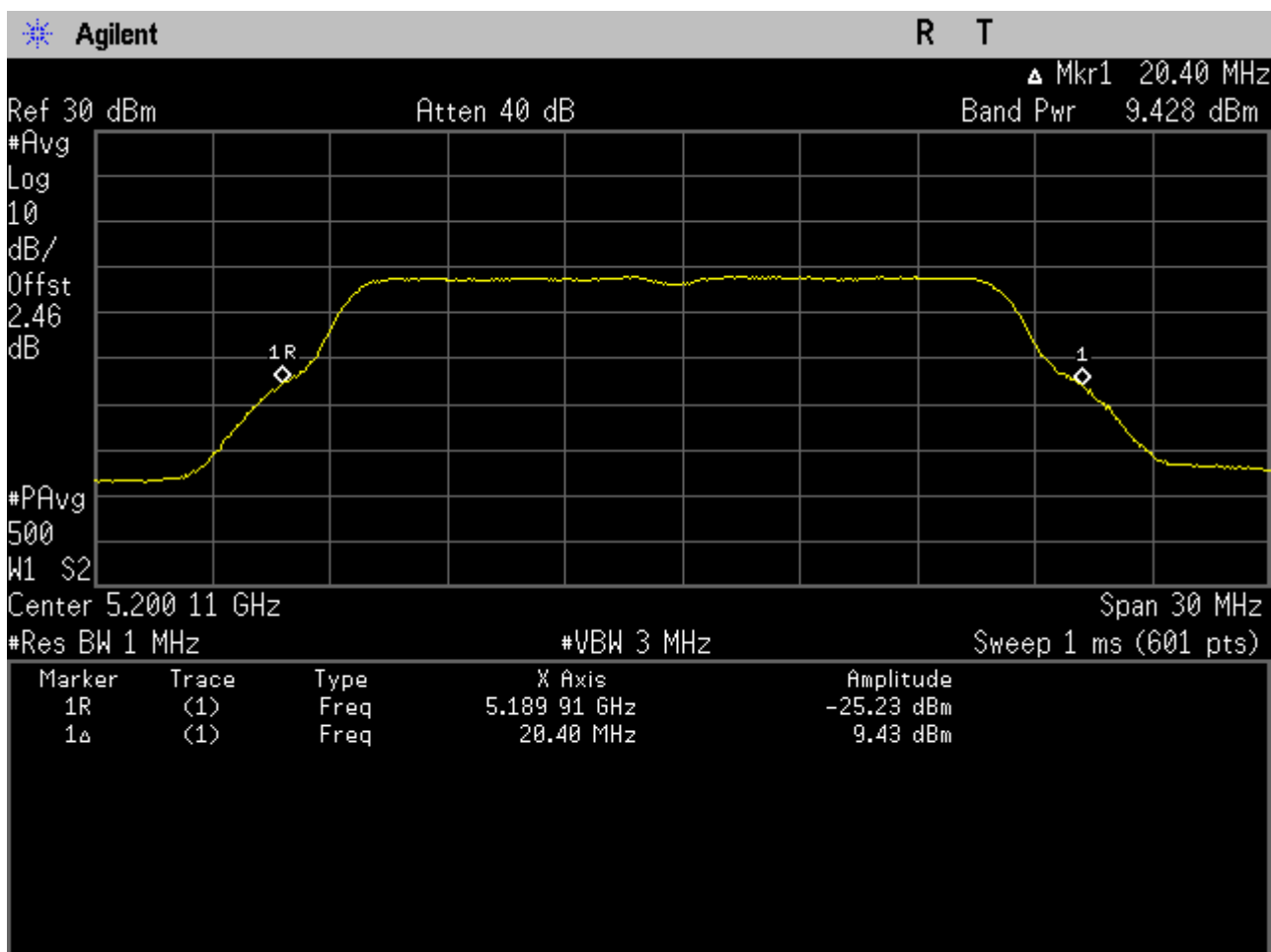
4.1 11A_36 Ant 1



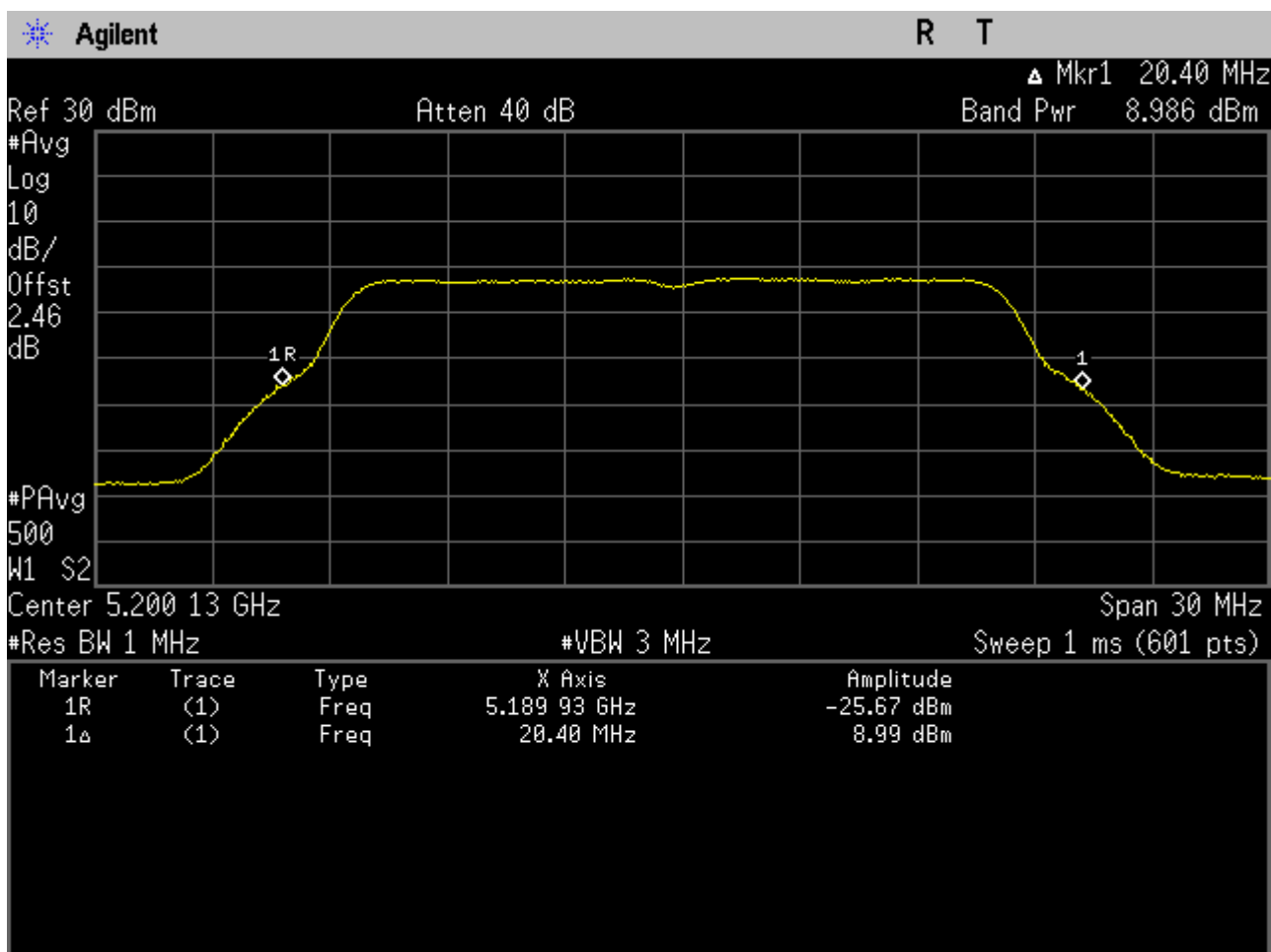
4.2 11A_36 Ant 2



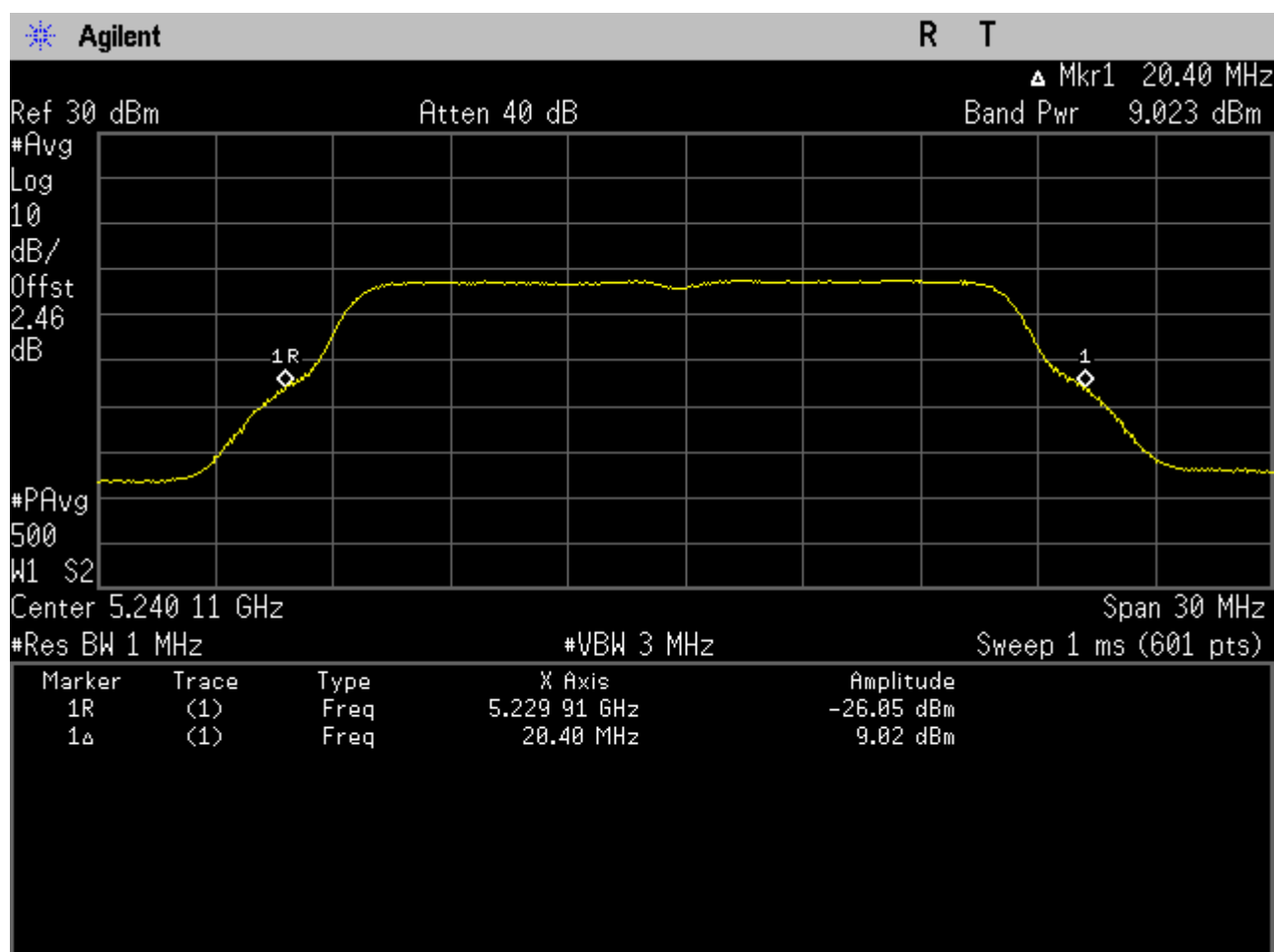
4.3 11A_40 Ant 1



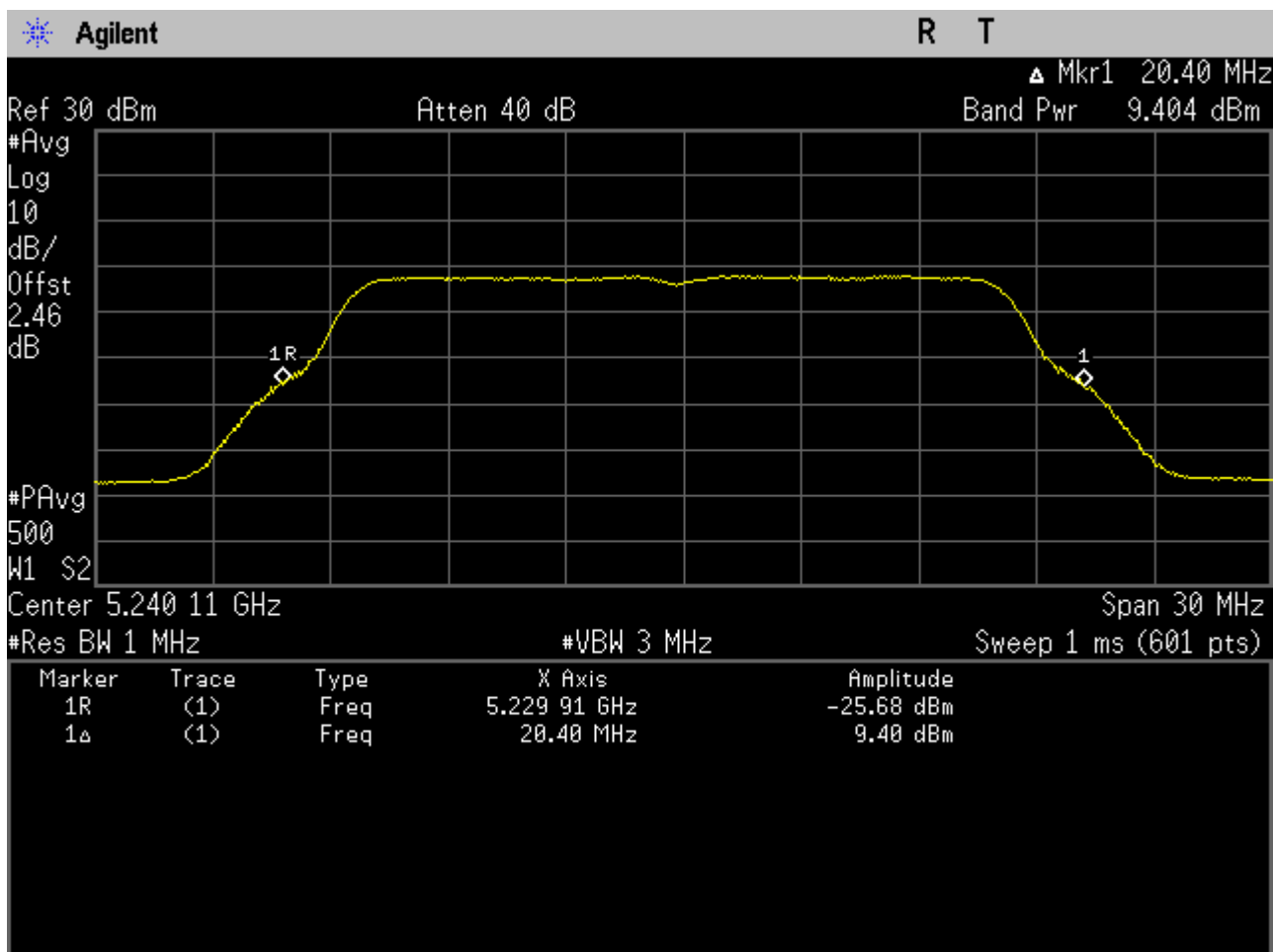
4.4 11A_40 Ant 2



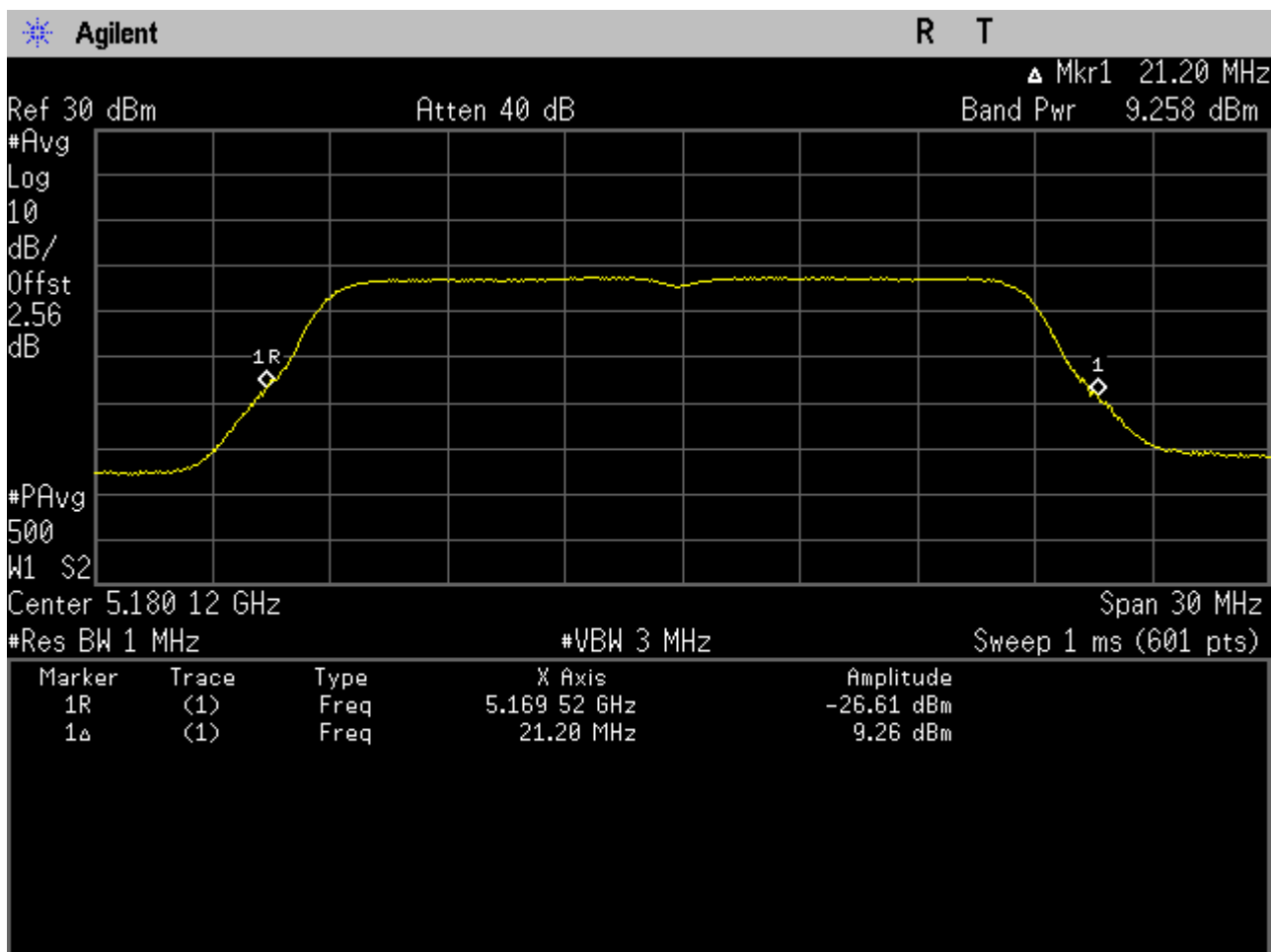
4.5 11A_48 Ant 1



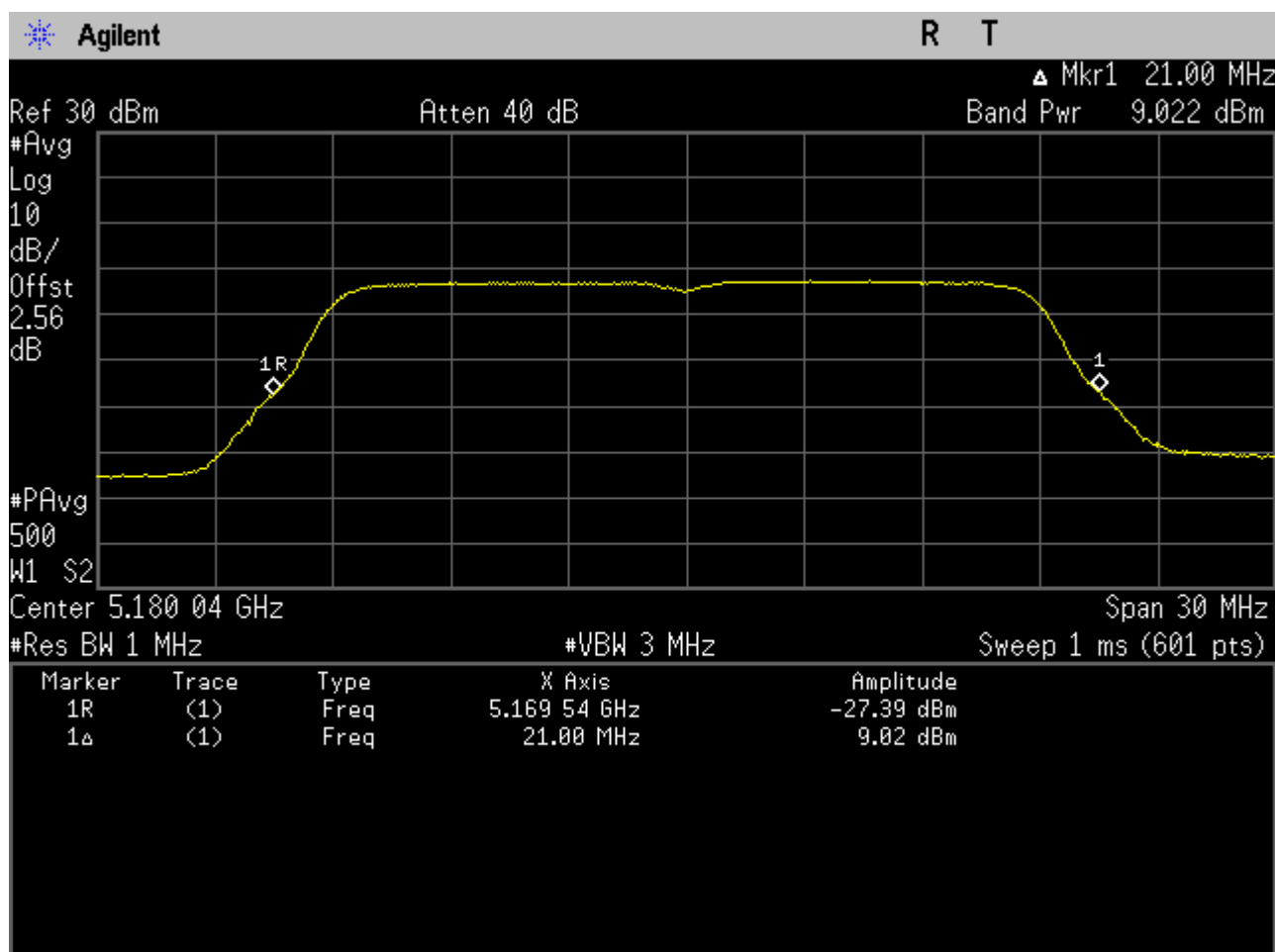
4.6 11A_48 Ant 2



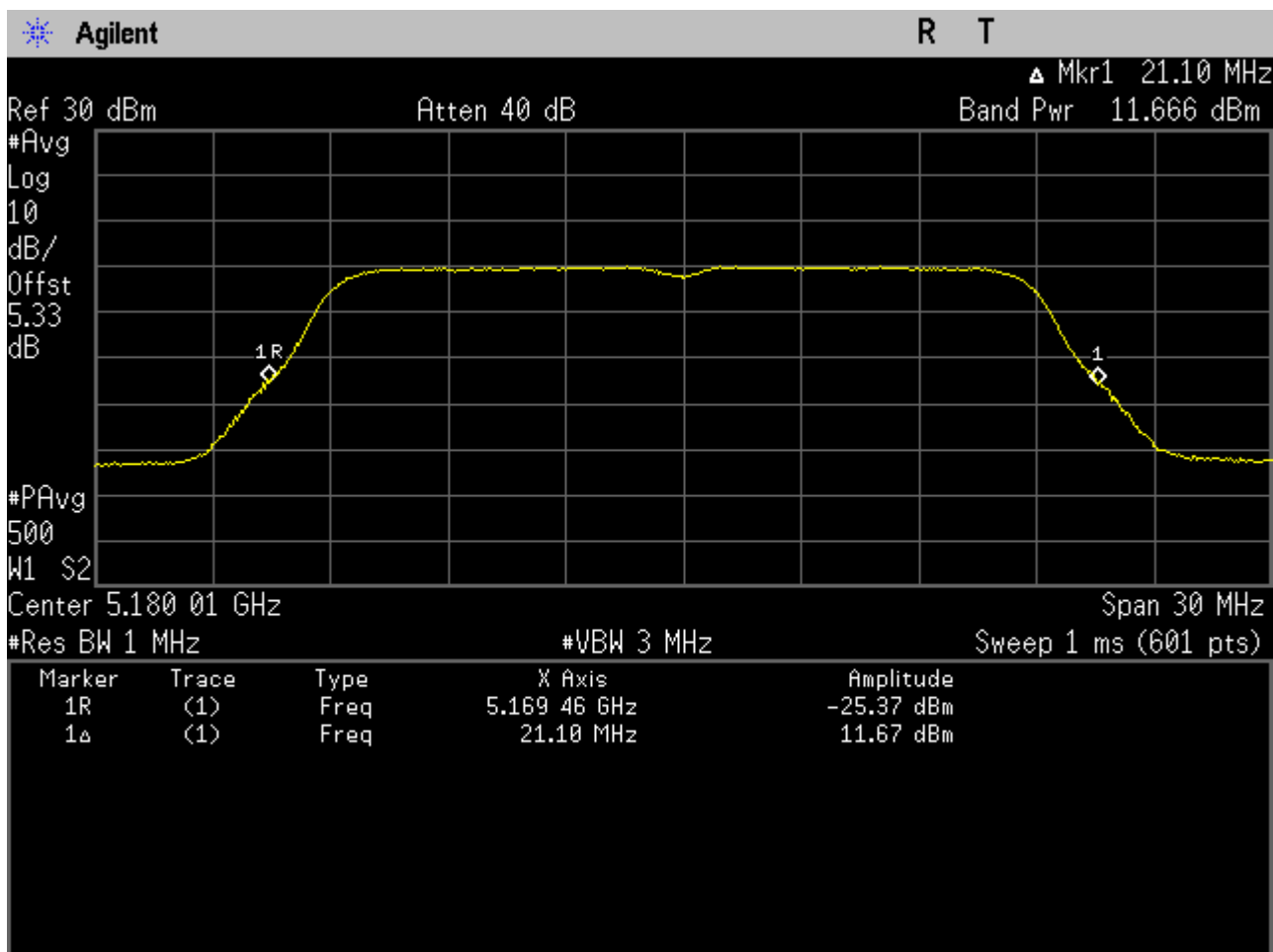
4.7 11N20_36 Ant 1



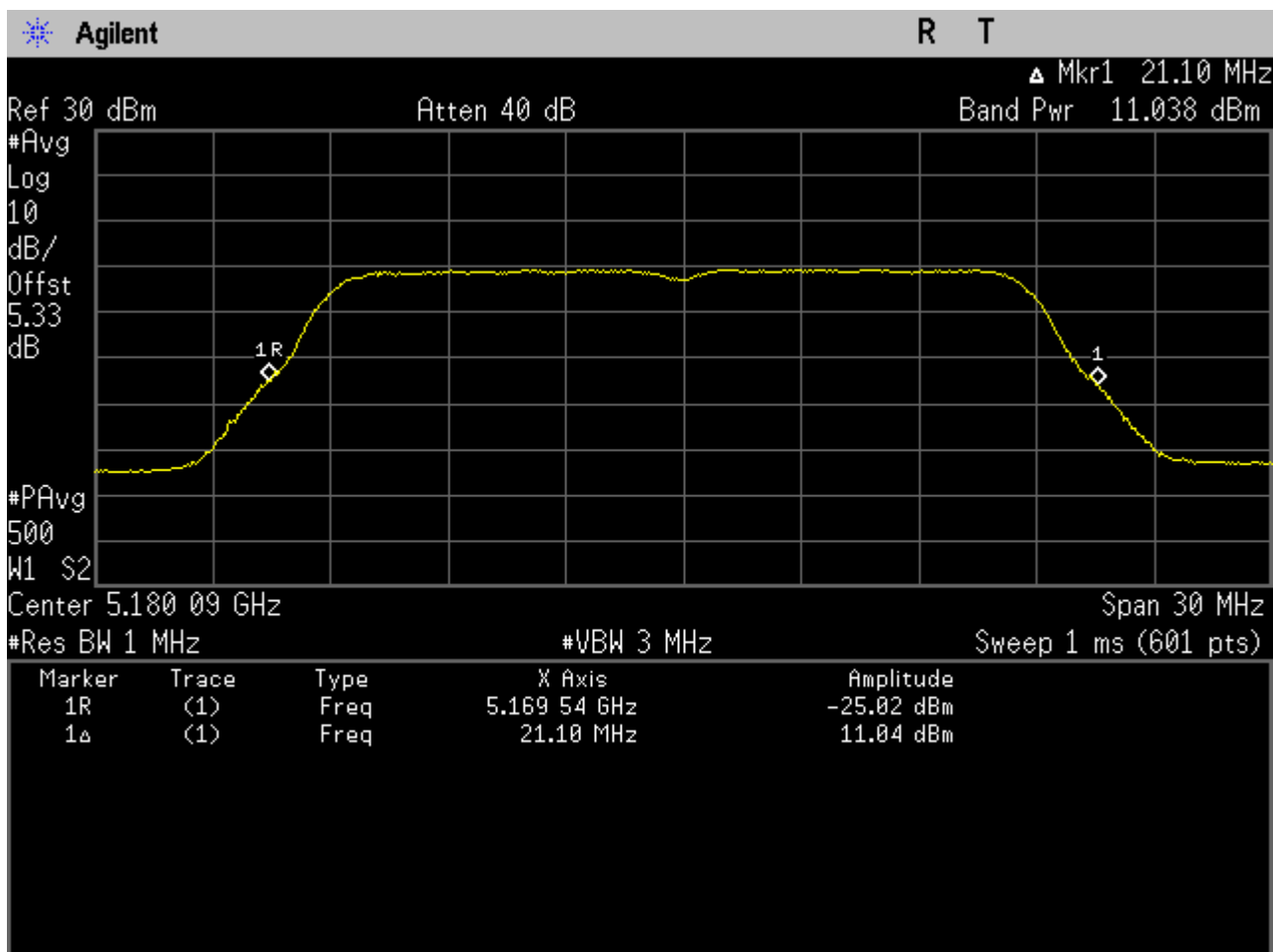
4.8 11N20_36 Ant 2



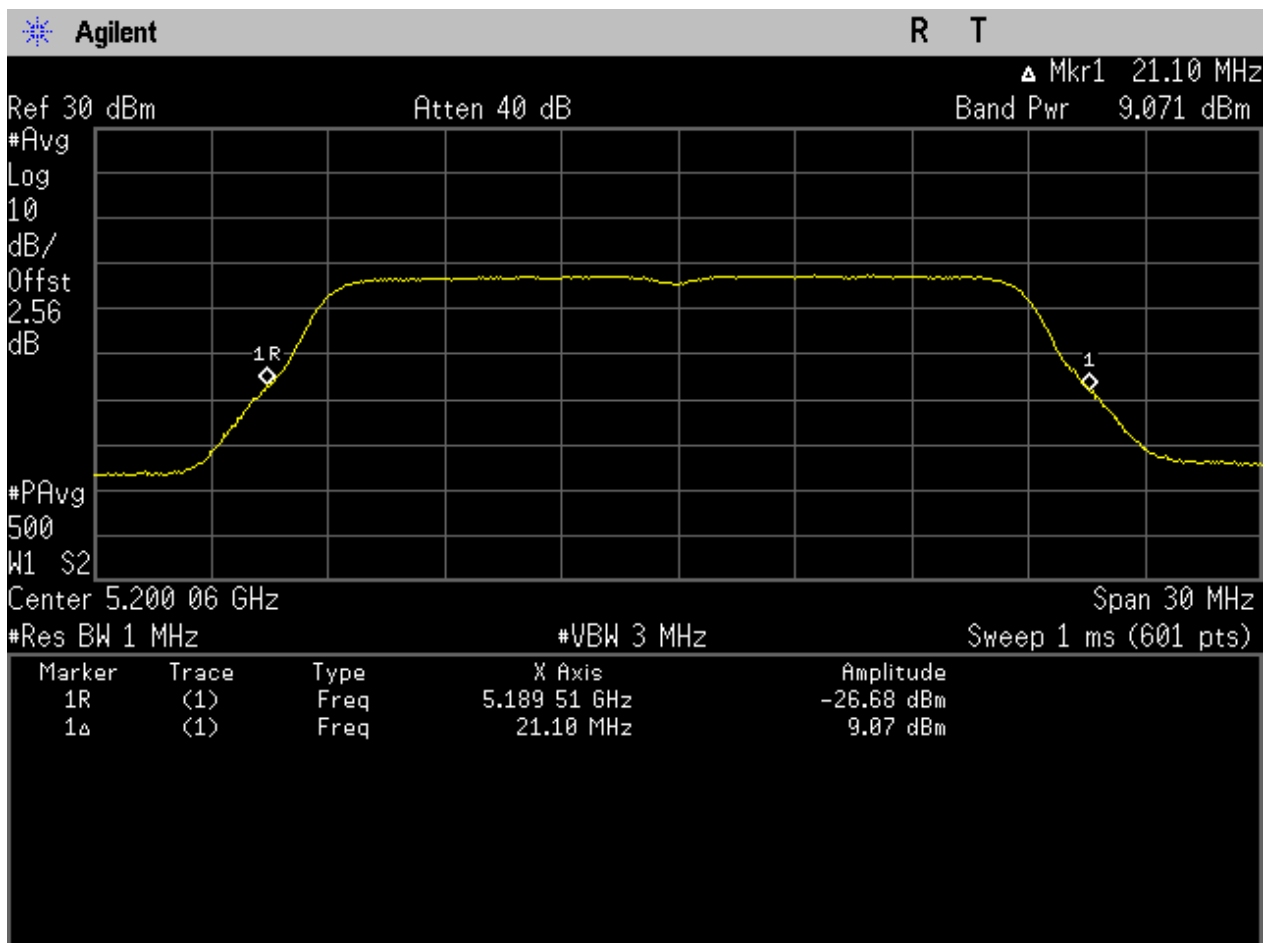
4.9 11N20M_36 Ant 1



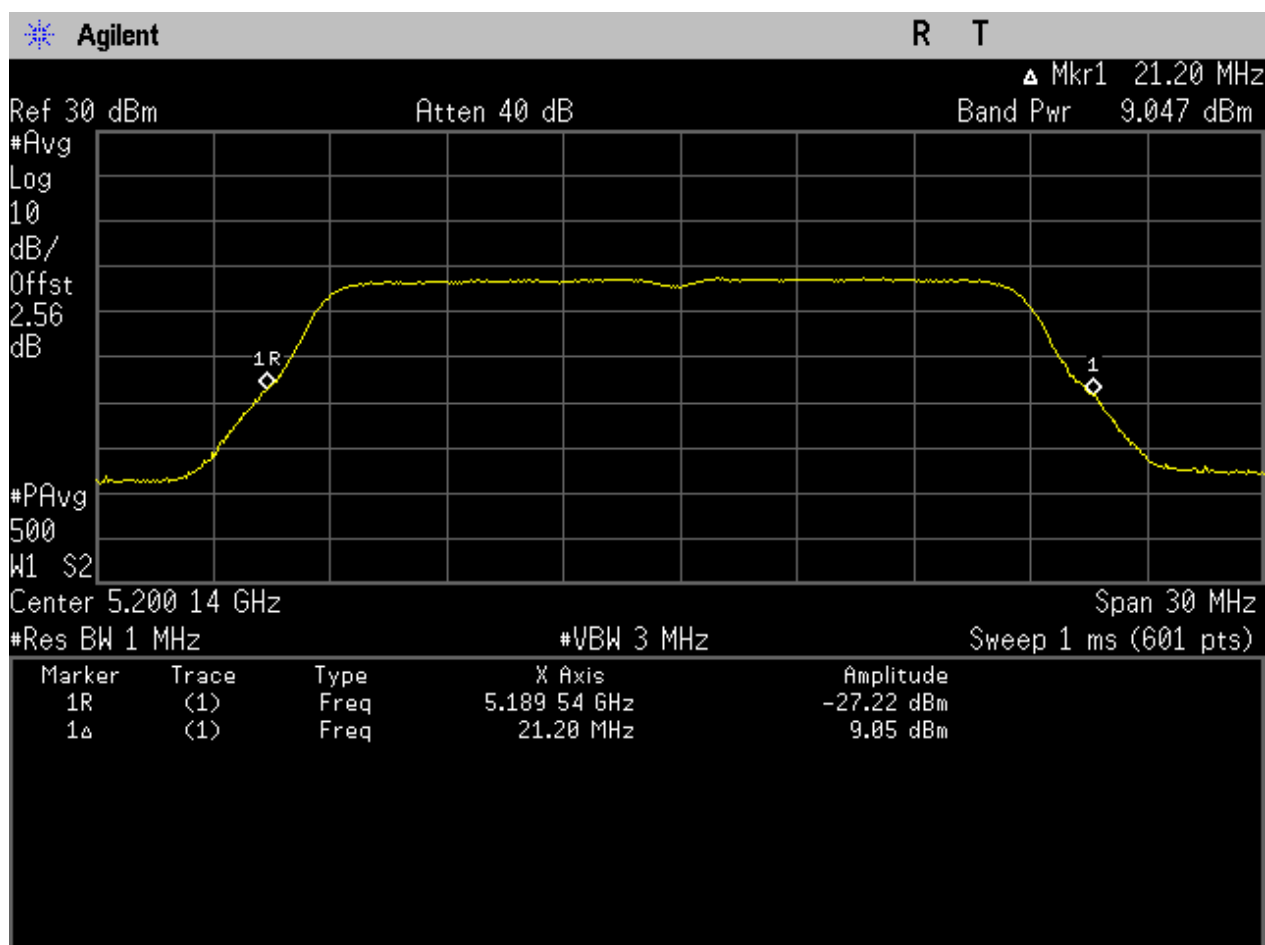
4.1011N20M_36 Ant 2



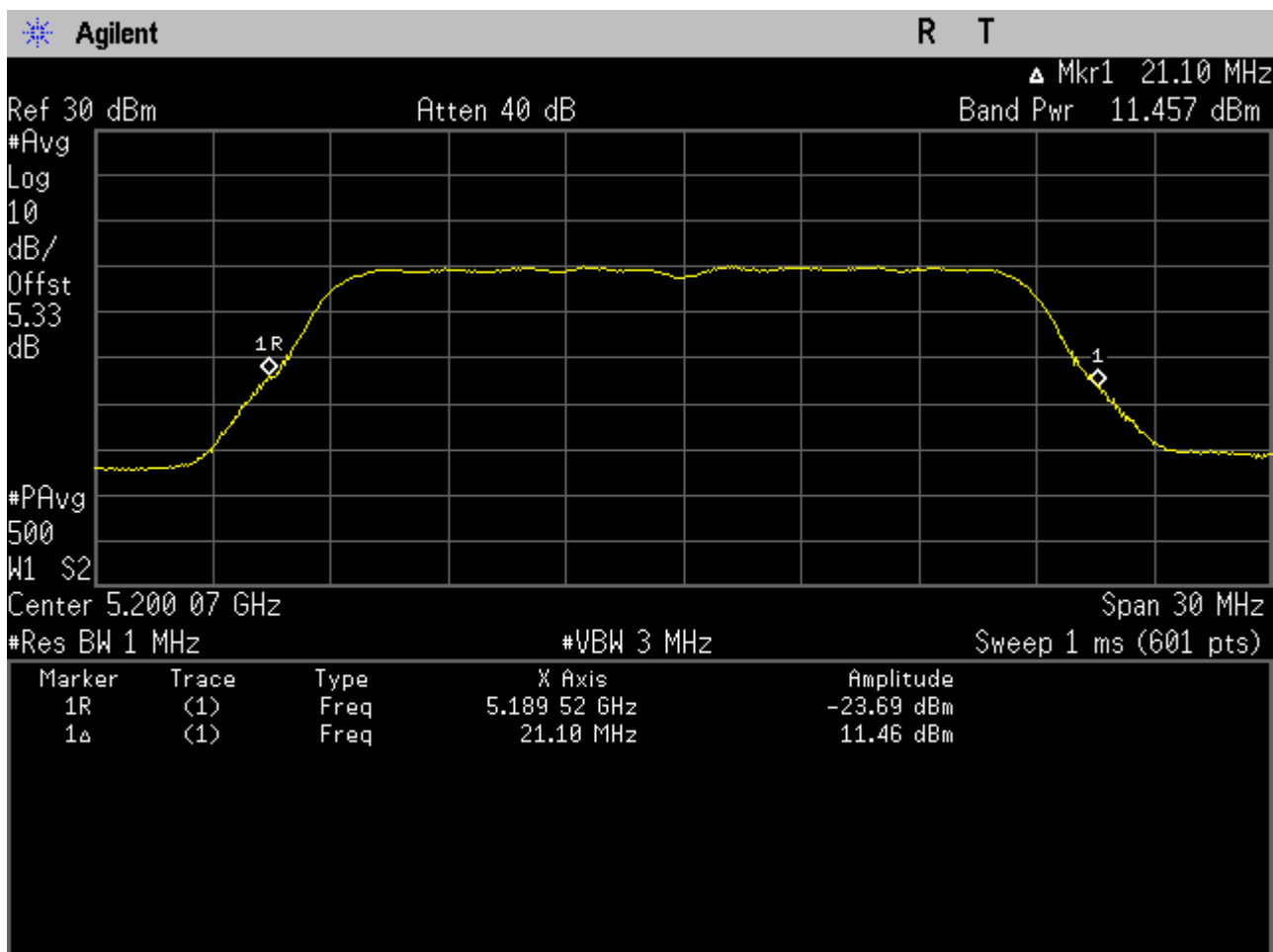
4.1111N20_40 Ant 1



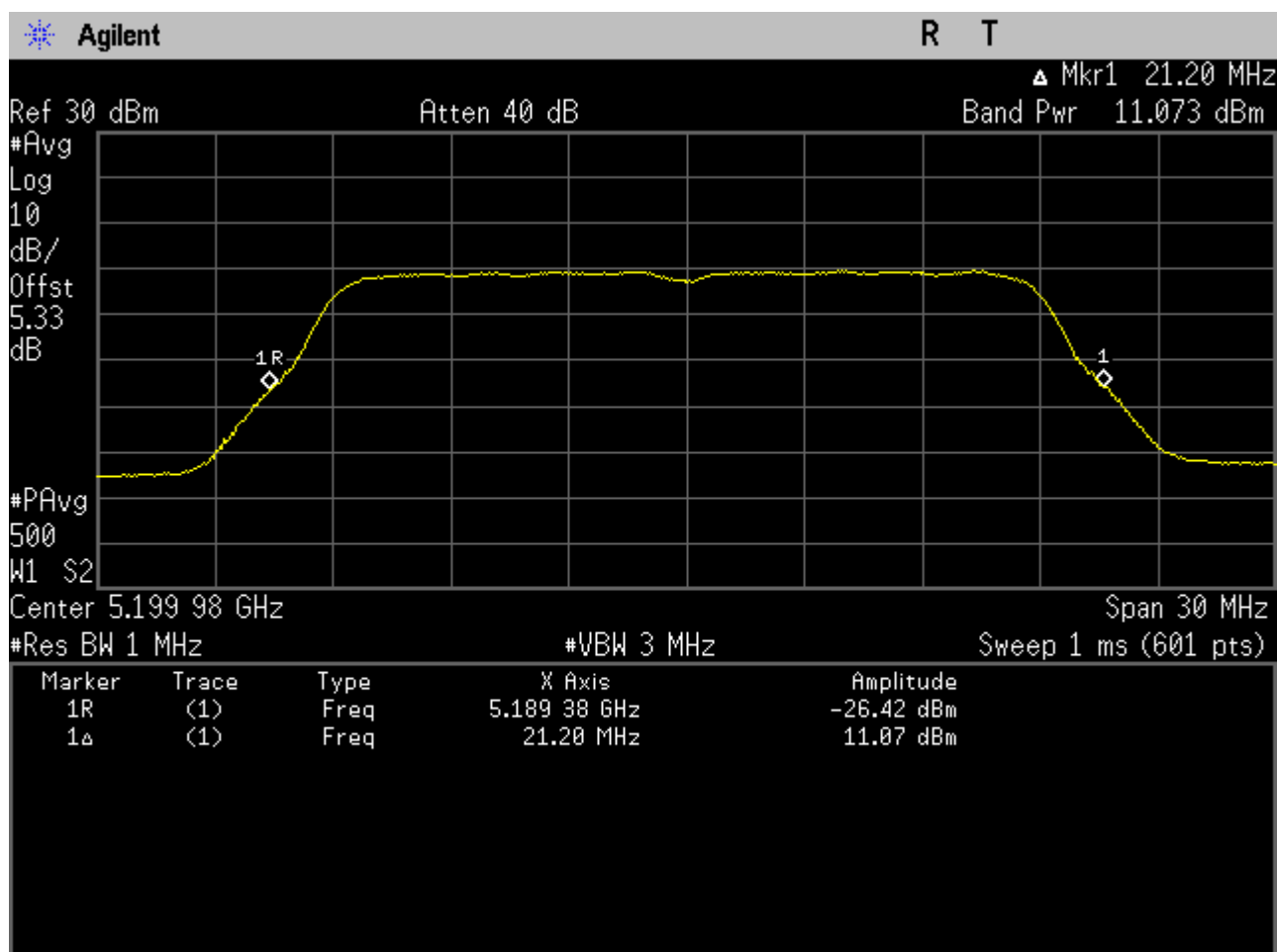
4.1211N20_40 Ant 2



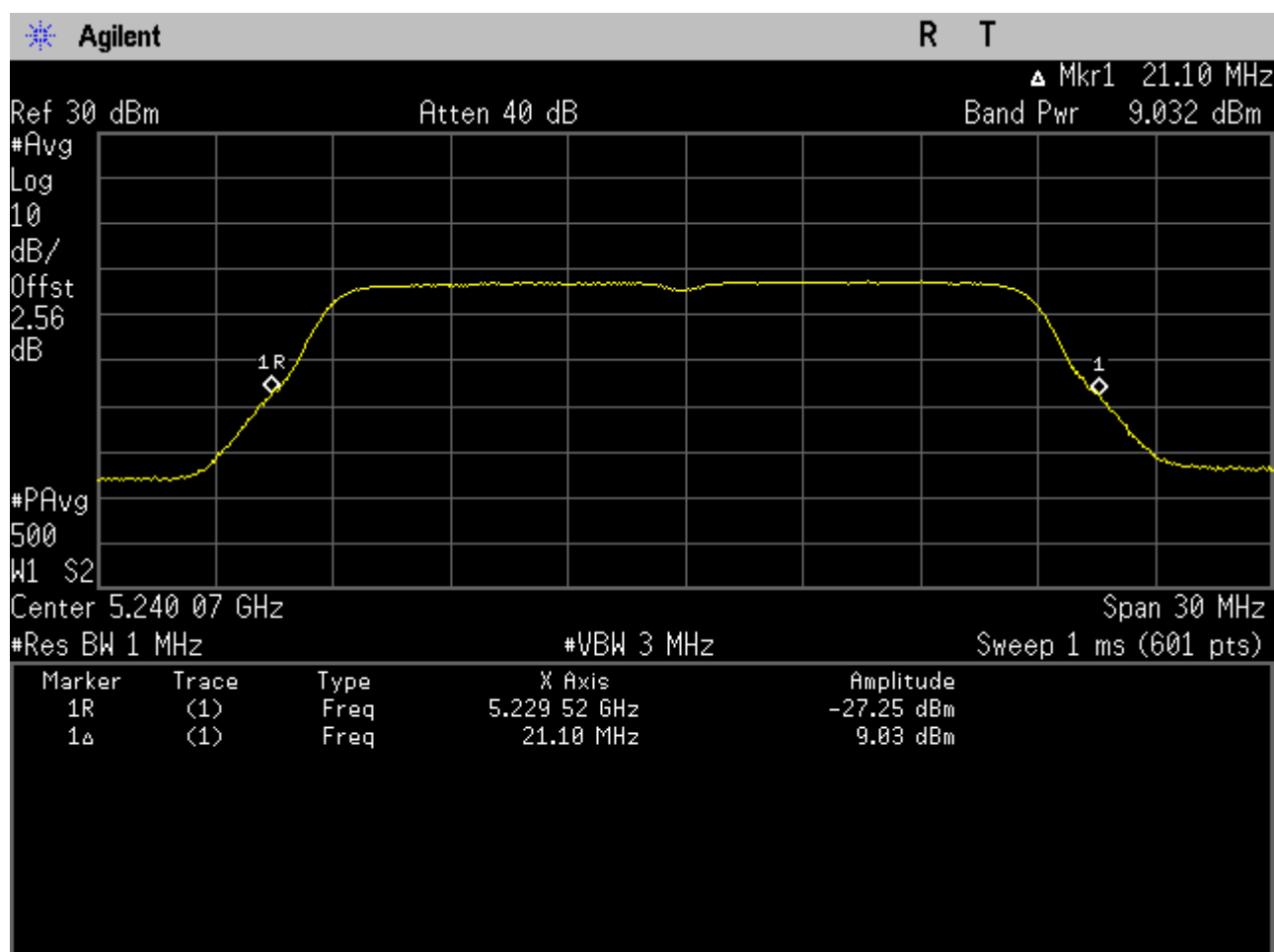
4.1311N20M_40 Ant 1



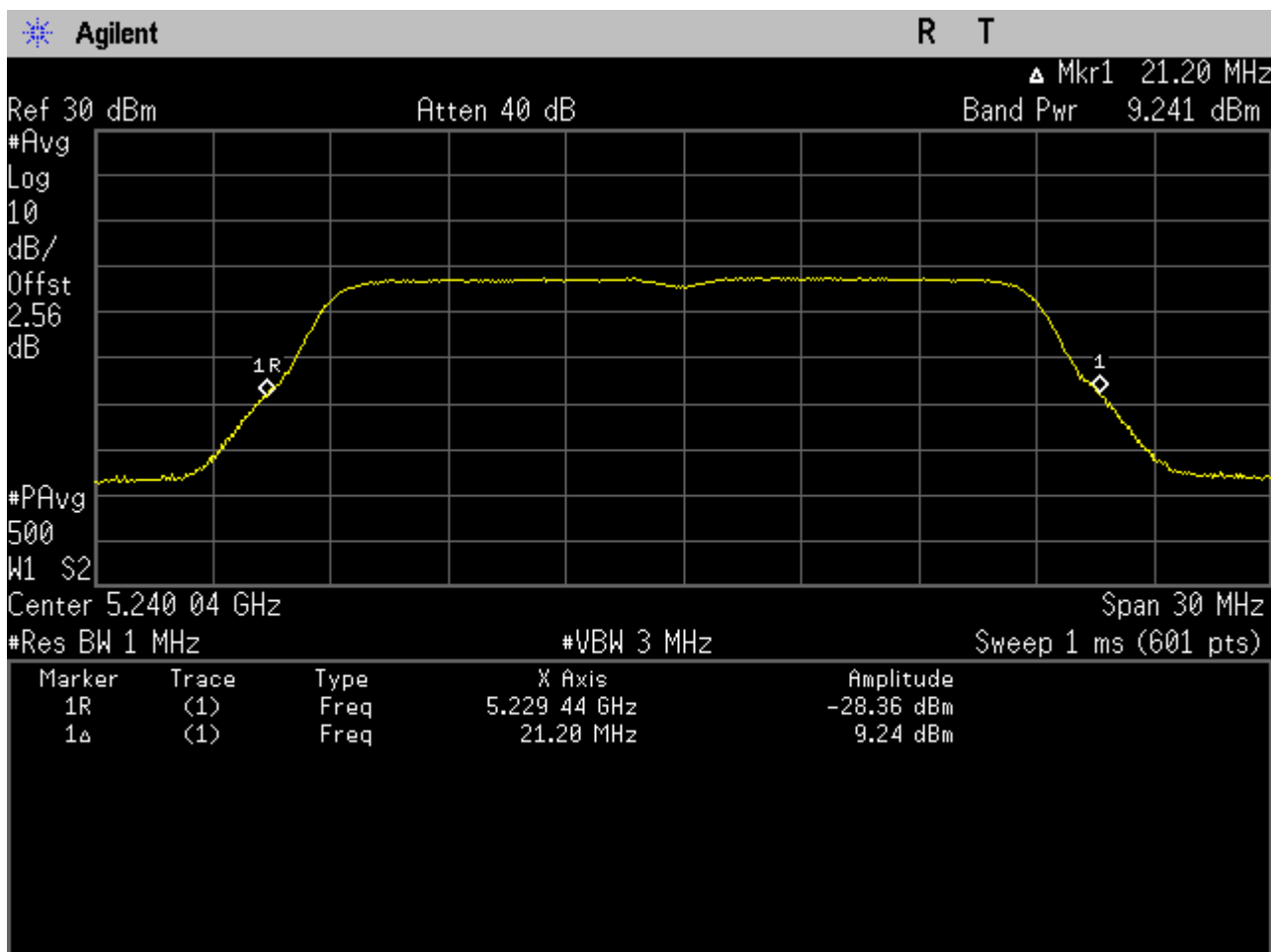
4.1411N20M_40 Ant 2



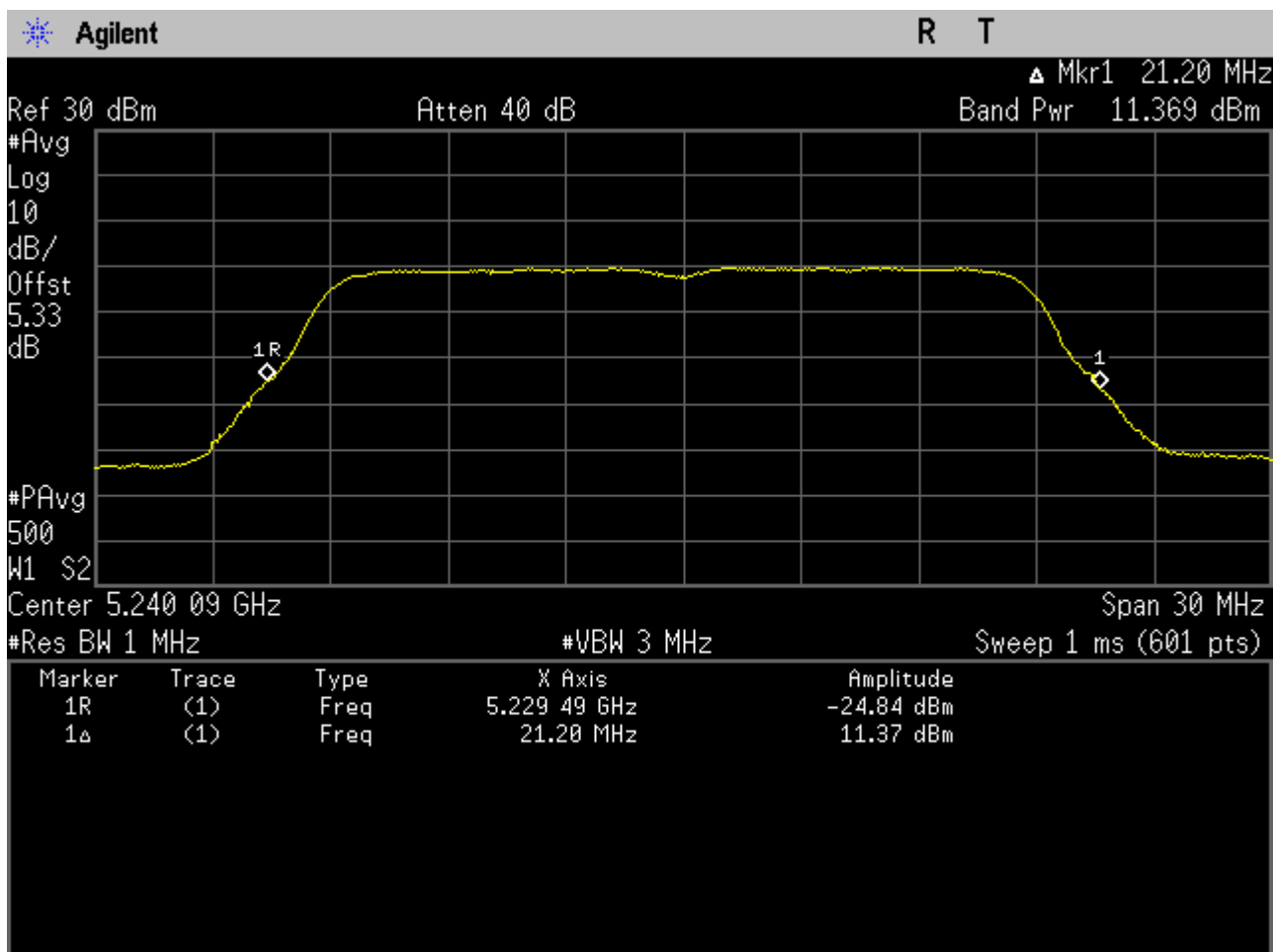
4.1511N20_48 Ant 1



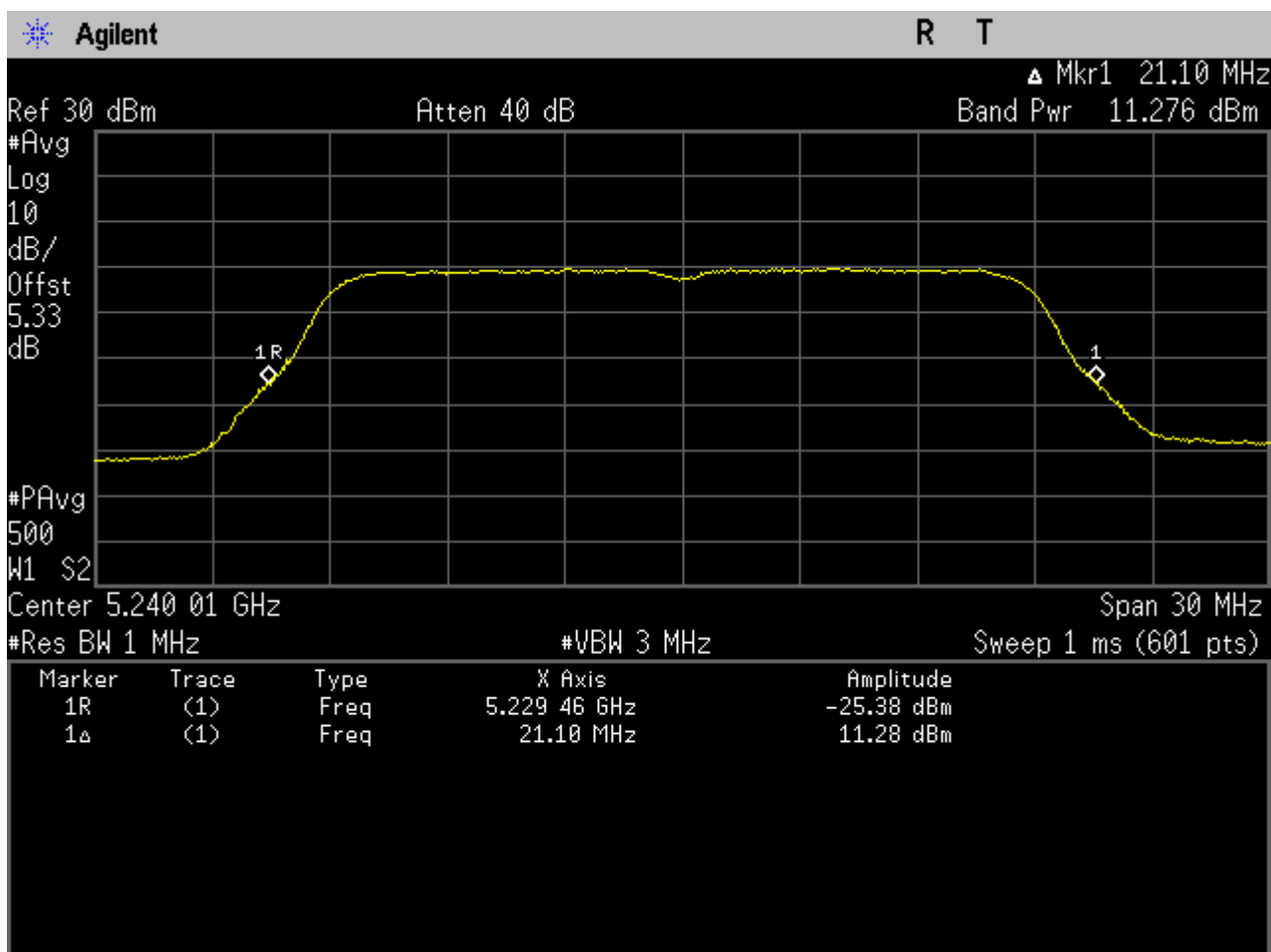
4.1611N20_48 Ant 2



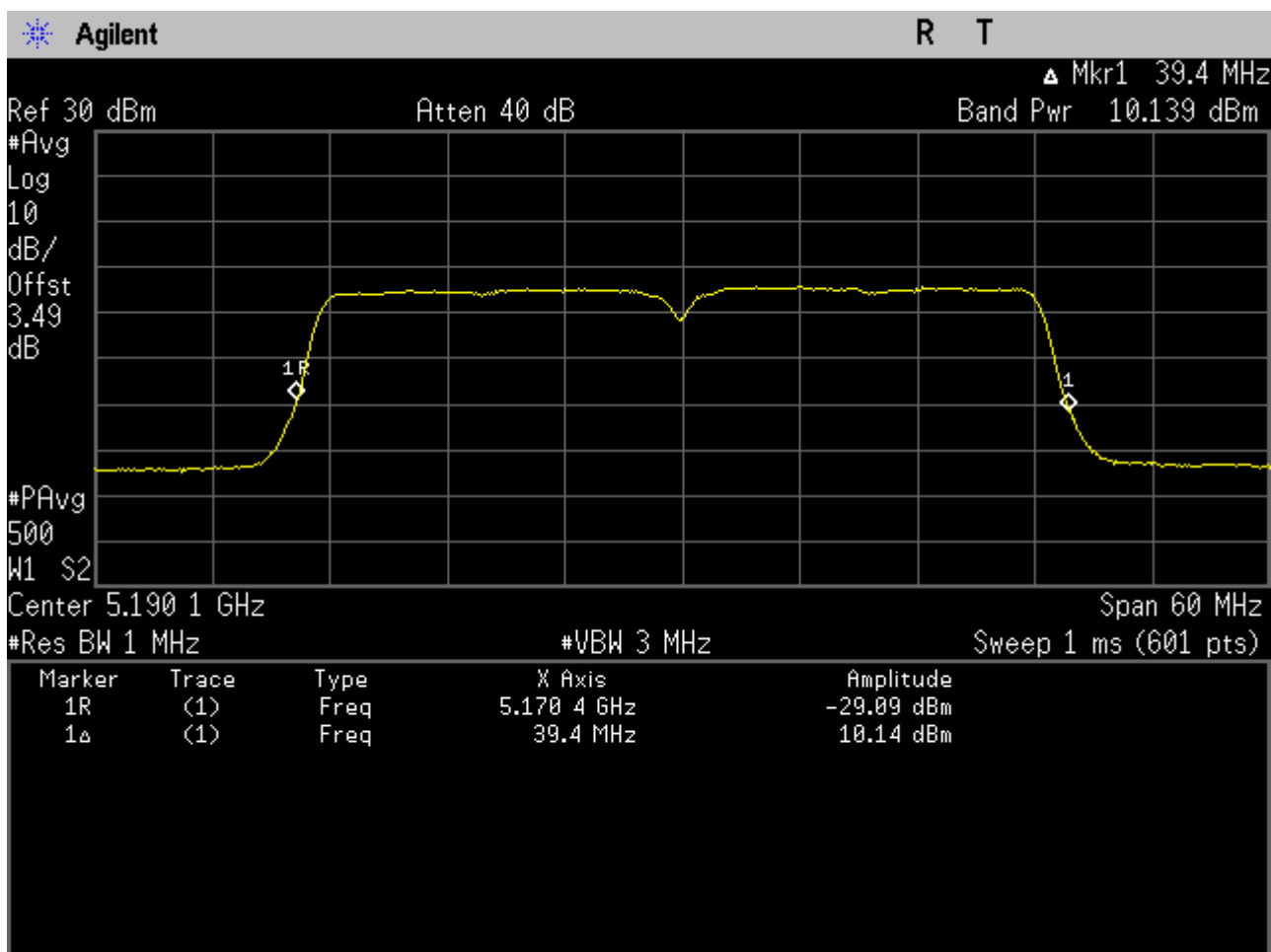
4.1711N20M_48 Ant 1



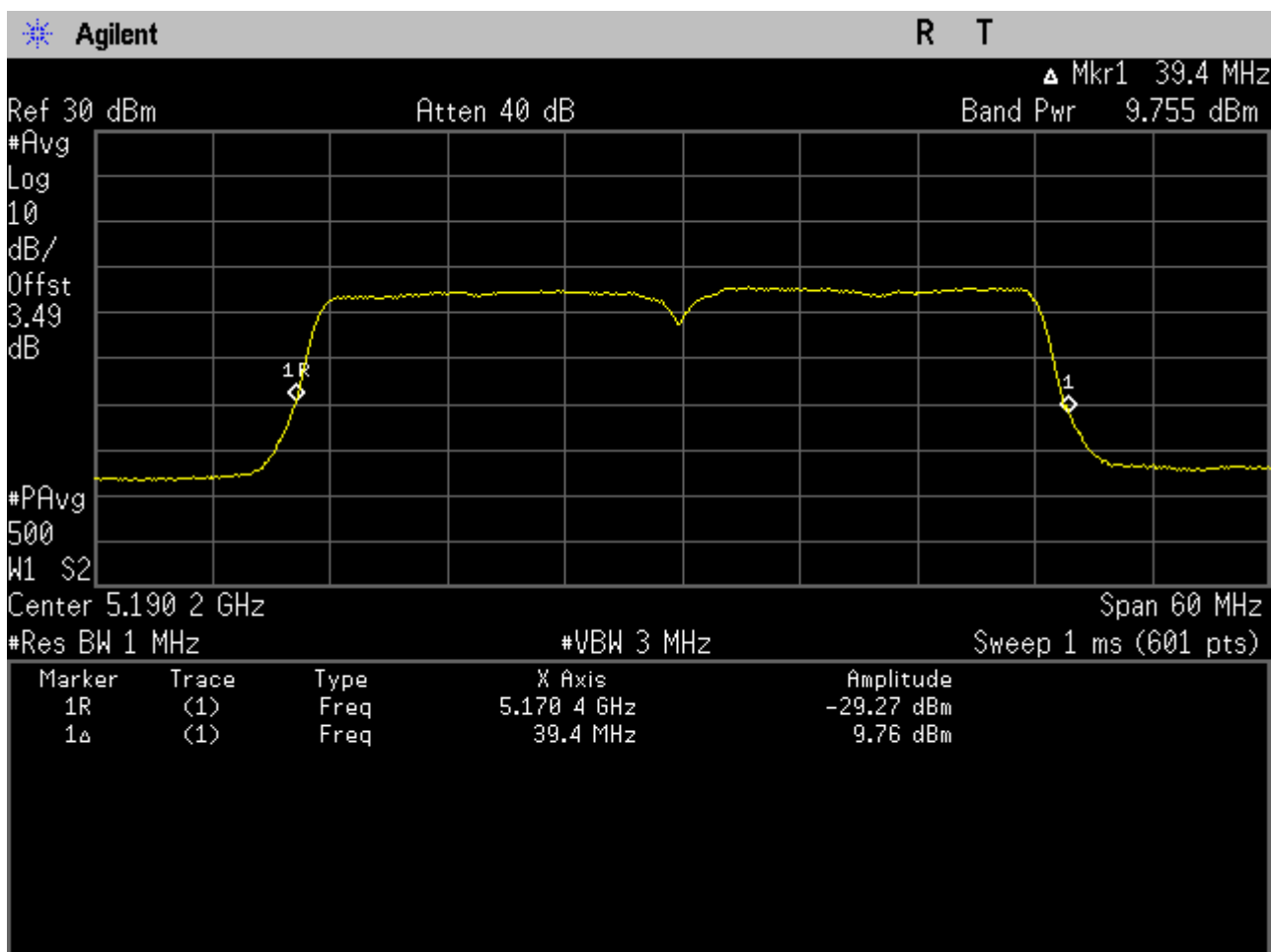
4.1811N20M_48 Ant 2



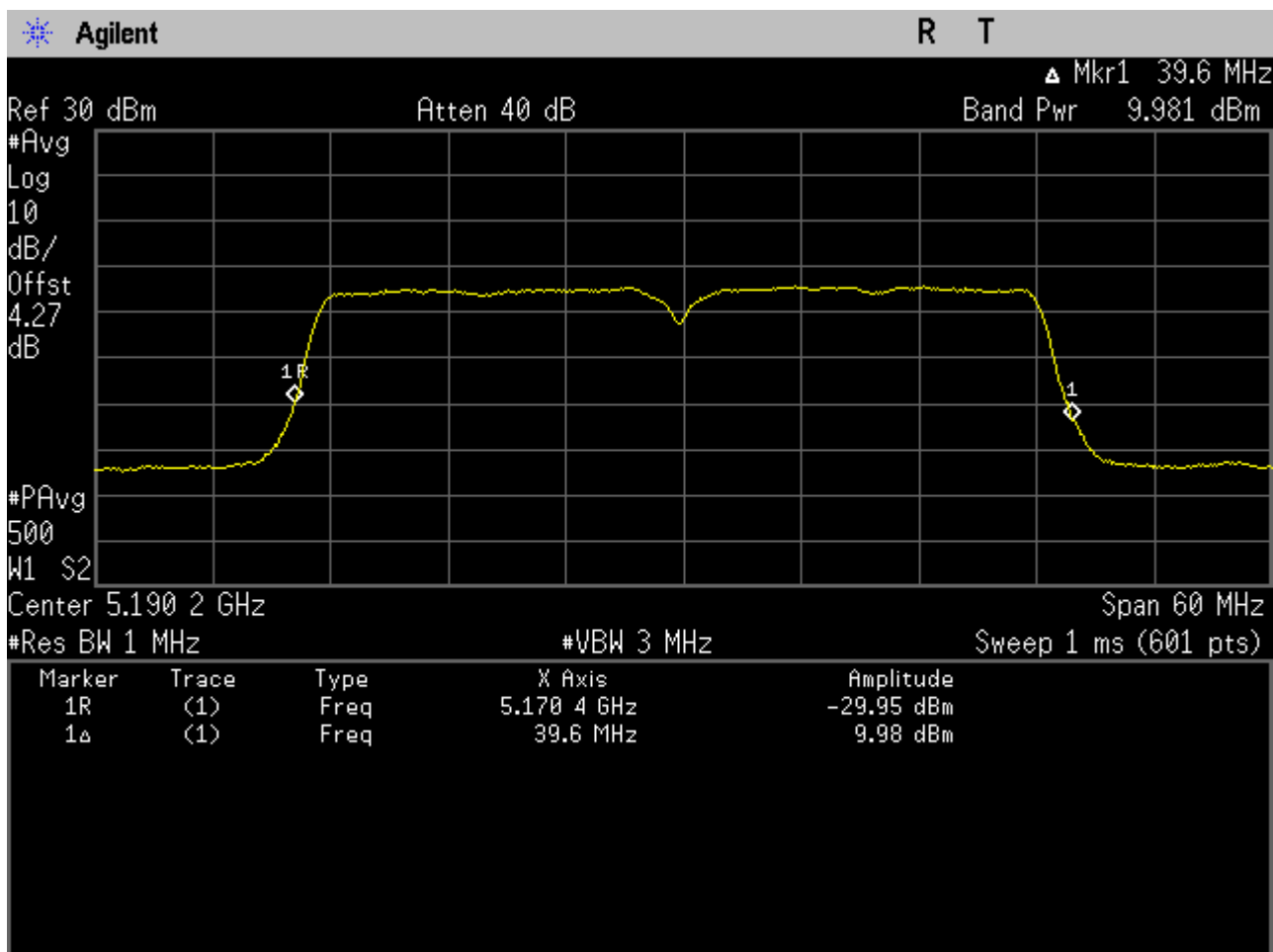
4.1911N40_38 Ant 1



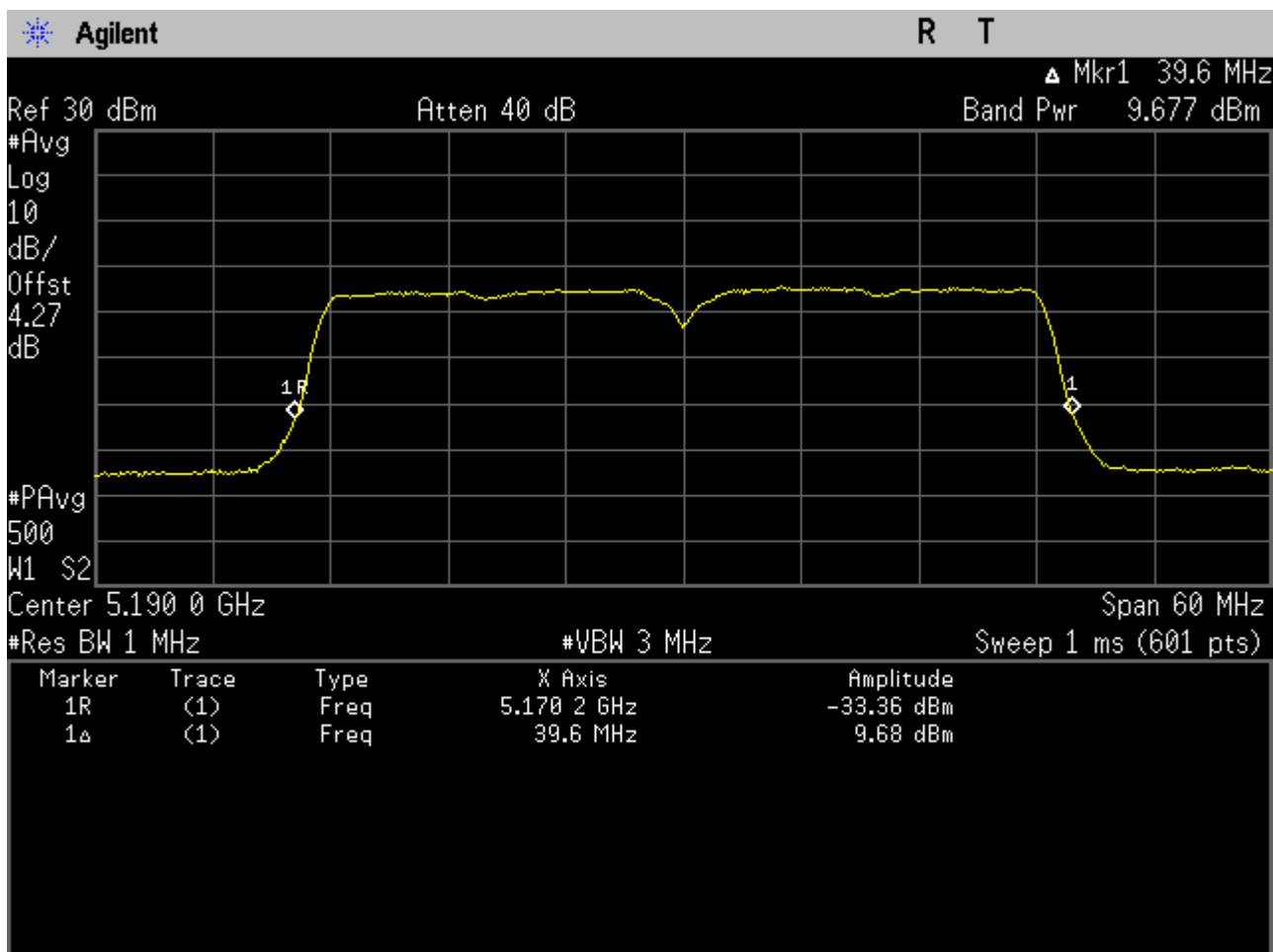
4.2011N40_38 Ant 2



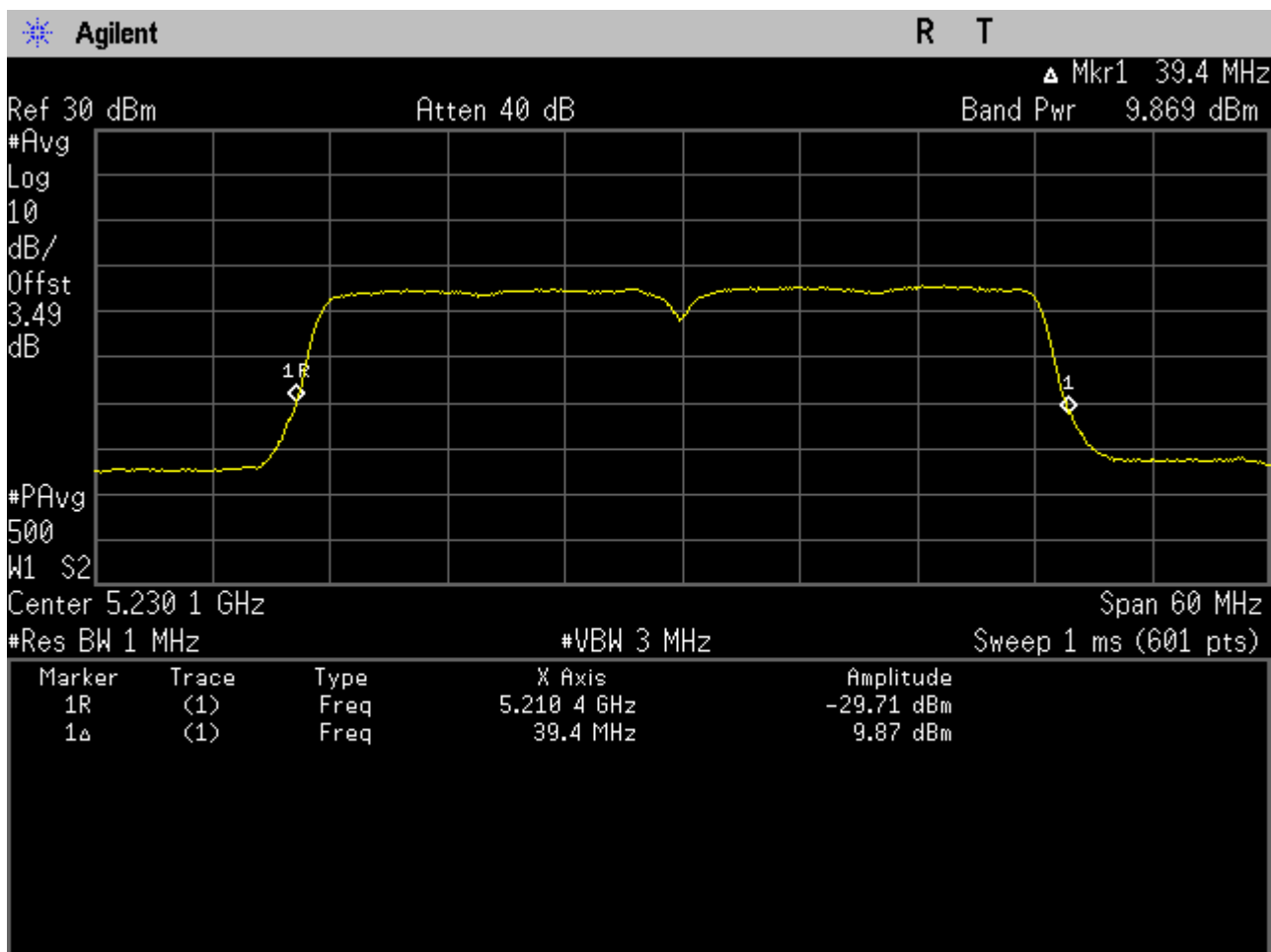
4.2111N40M_38 Ant 1



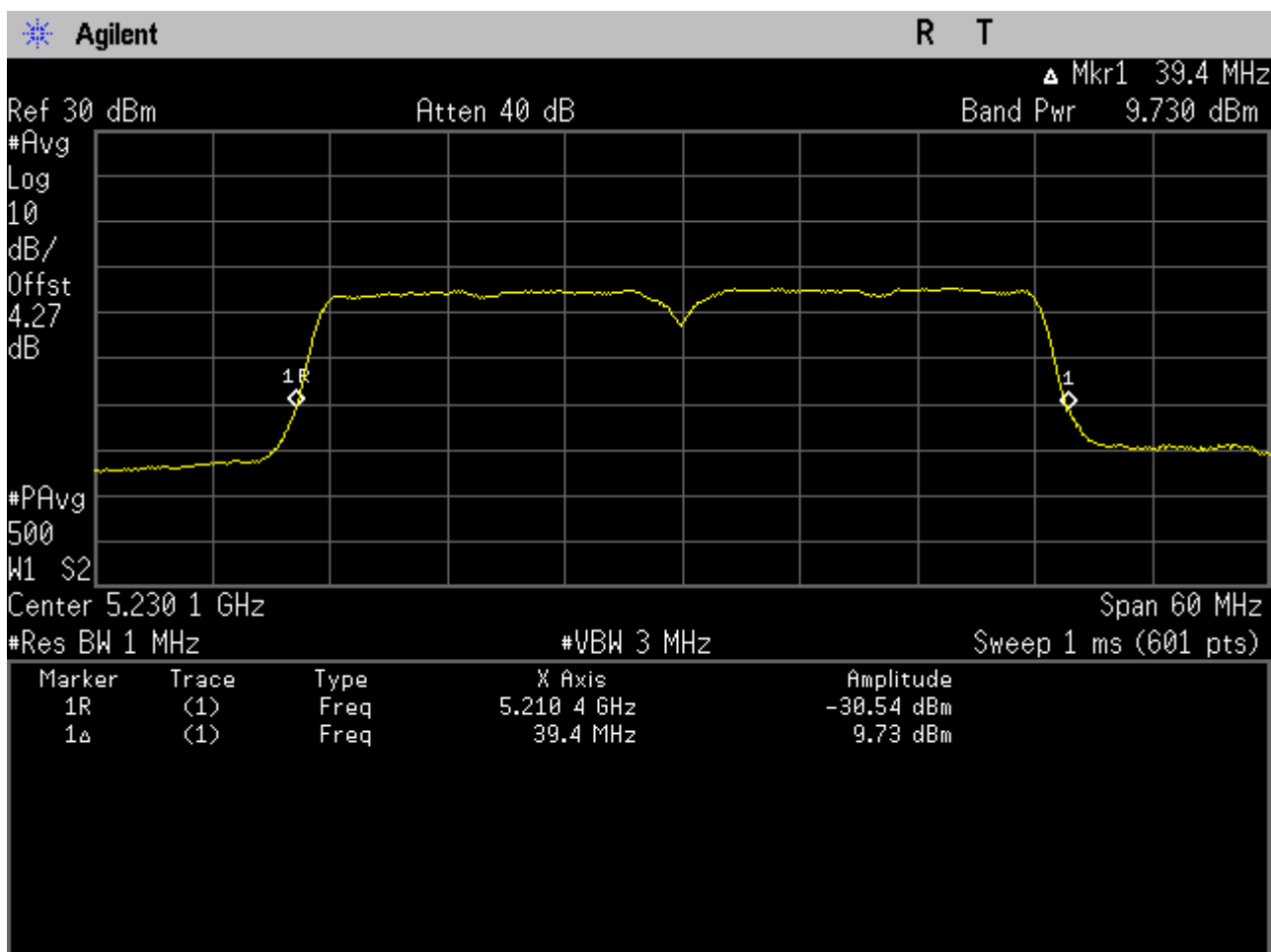
4.2211N40M_38 Ant 2



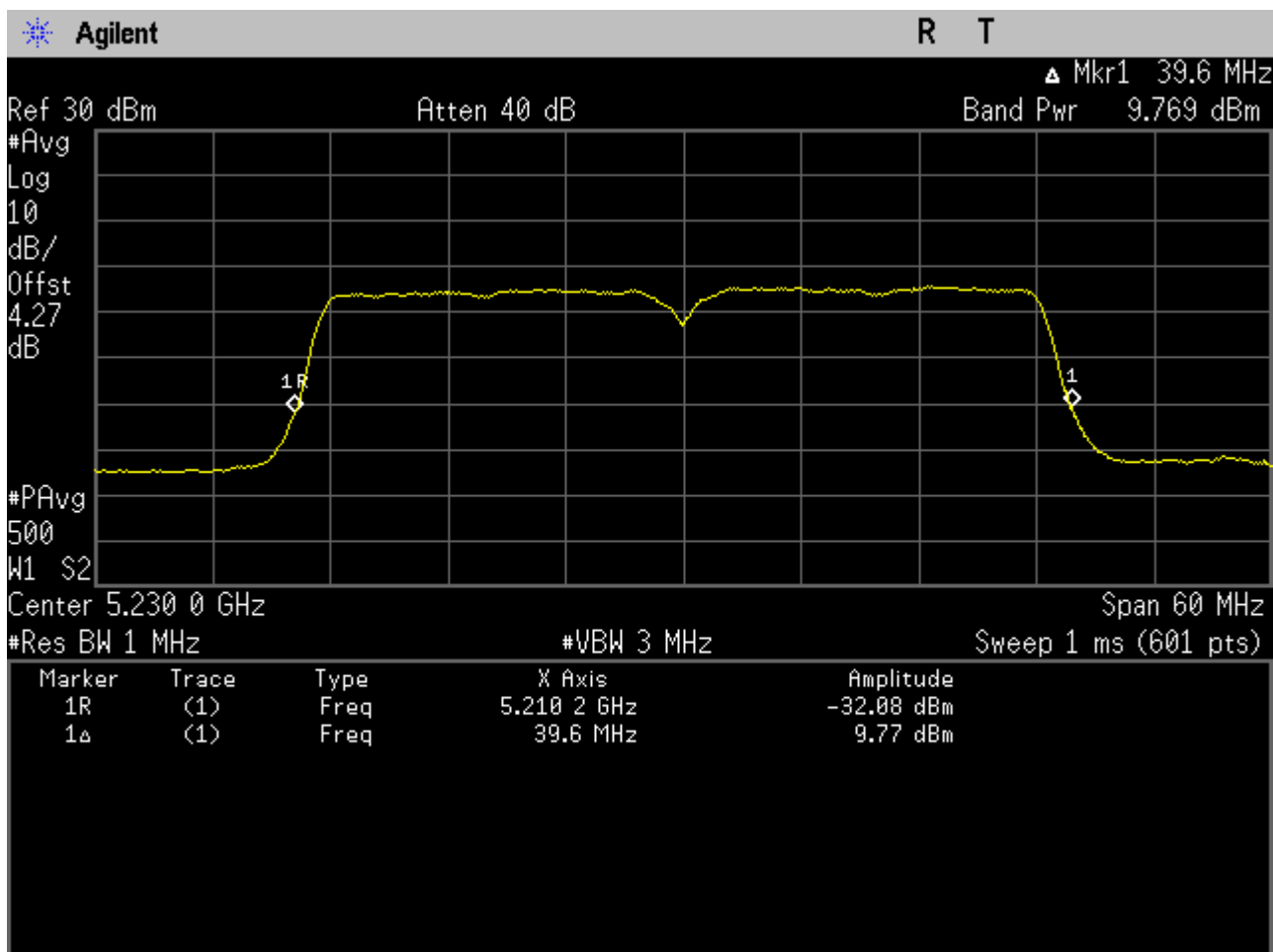
4.2311N40_46 Ant 1



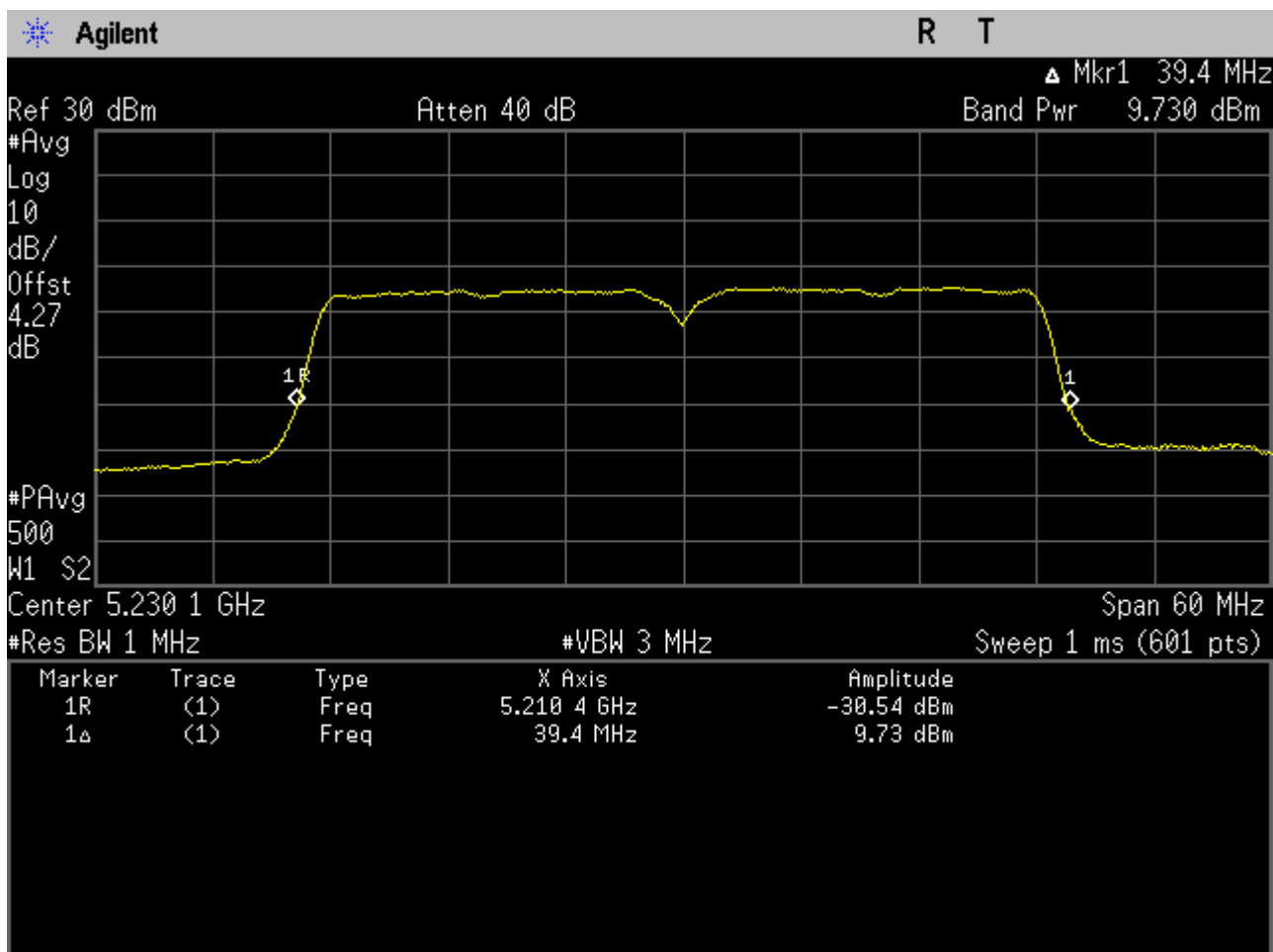
4.2411N40_46 Ant 2



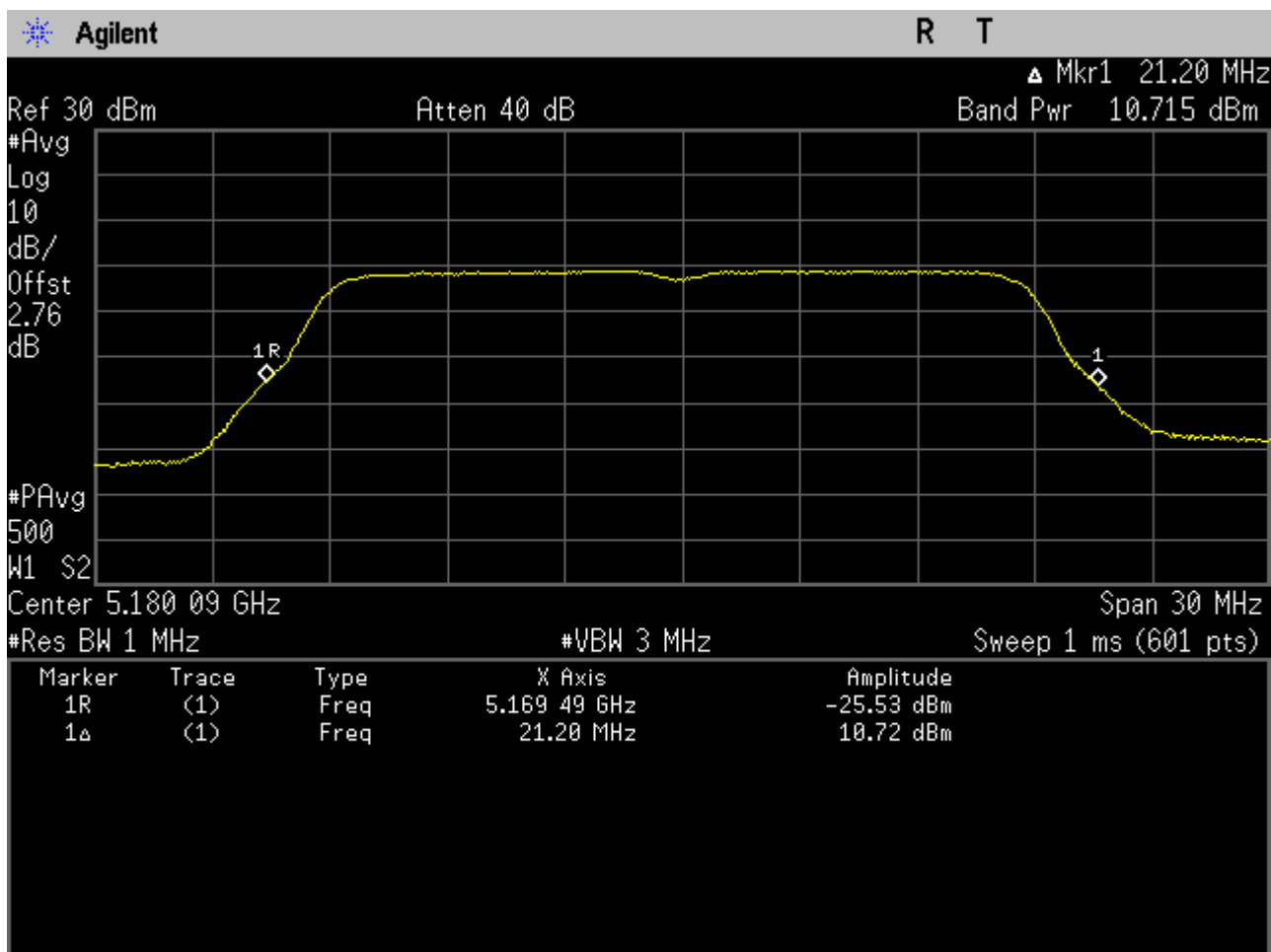
4.2511N40M_46 Ant 1



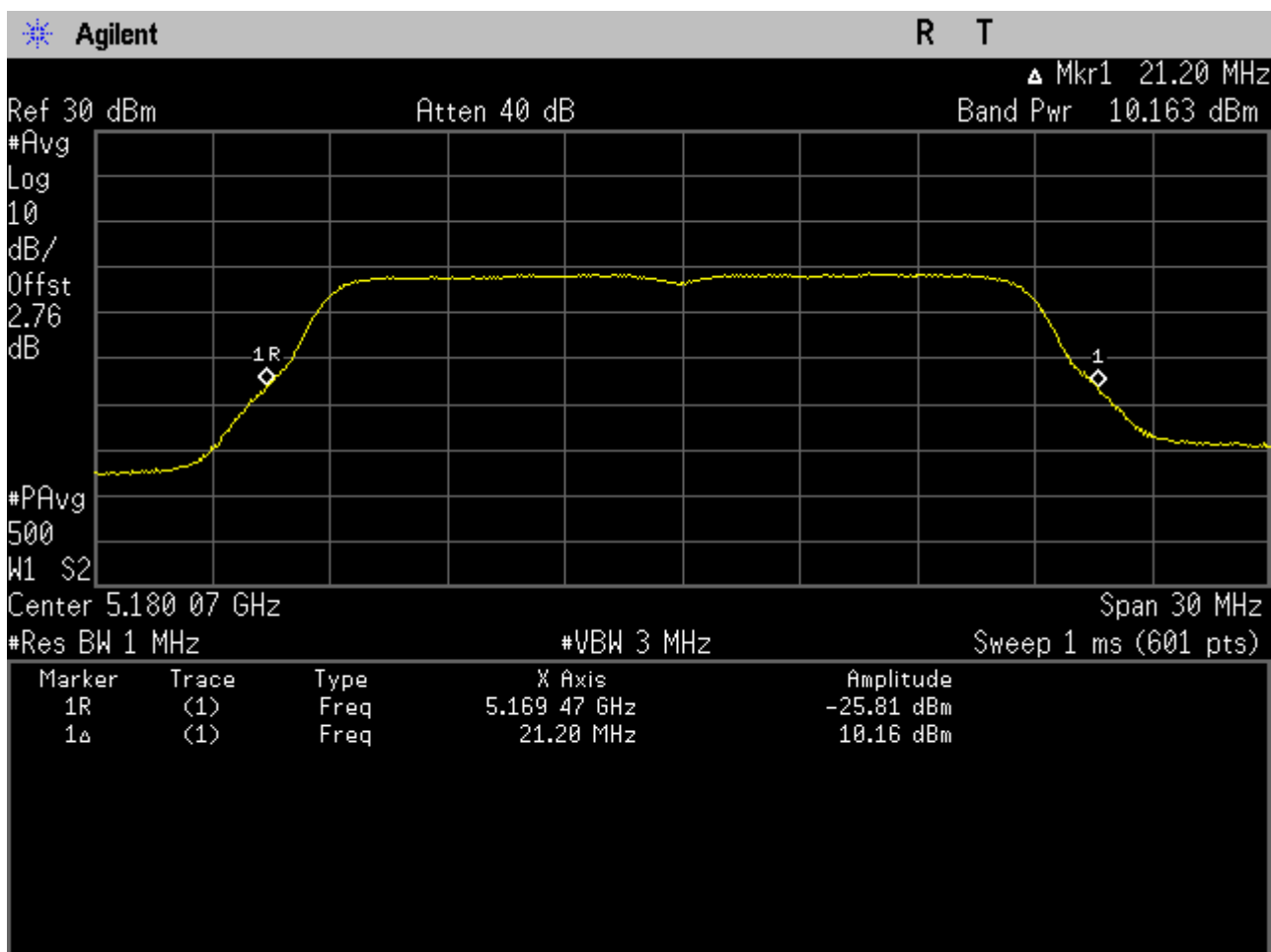
4.2611N40M_46 Ant 2



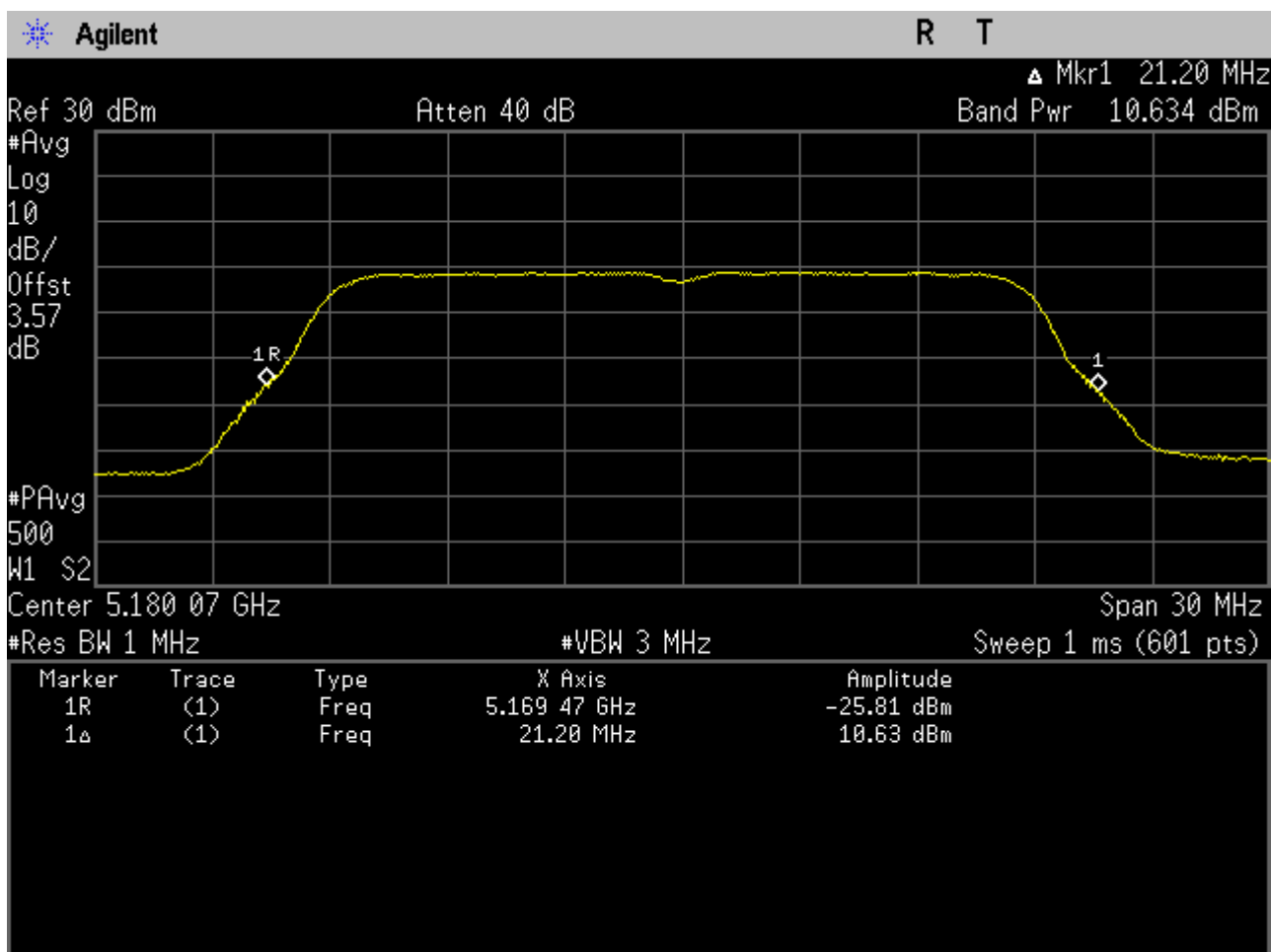
4.2711AC20_36 Ant 1



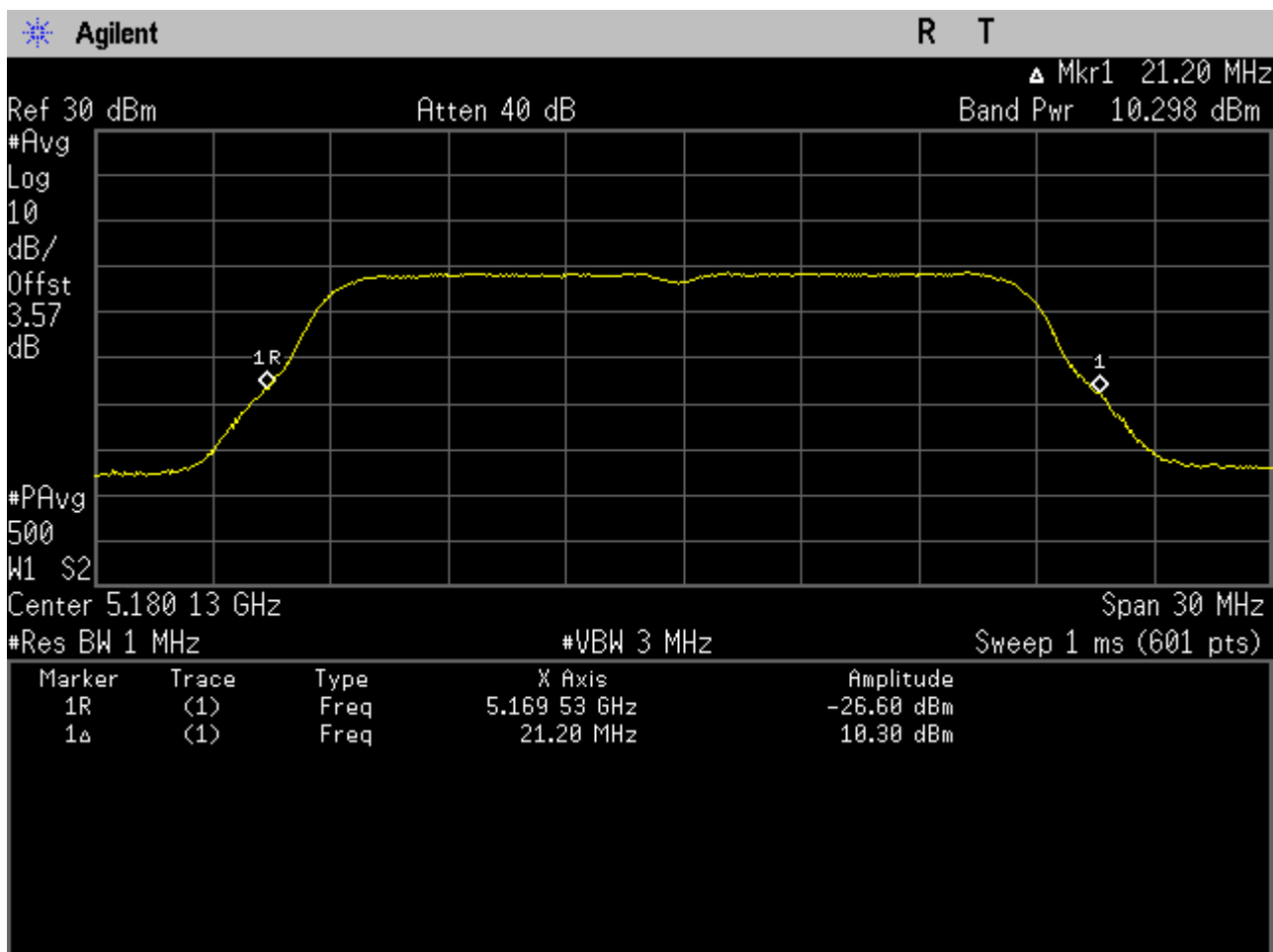
4.2811AC20_36 Ant 2



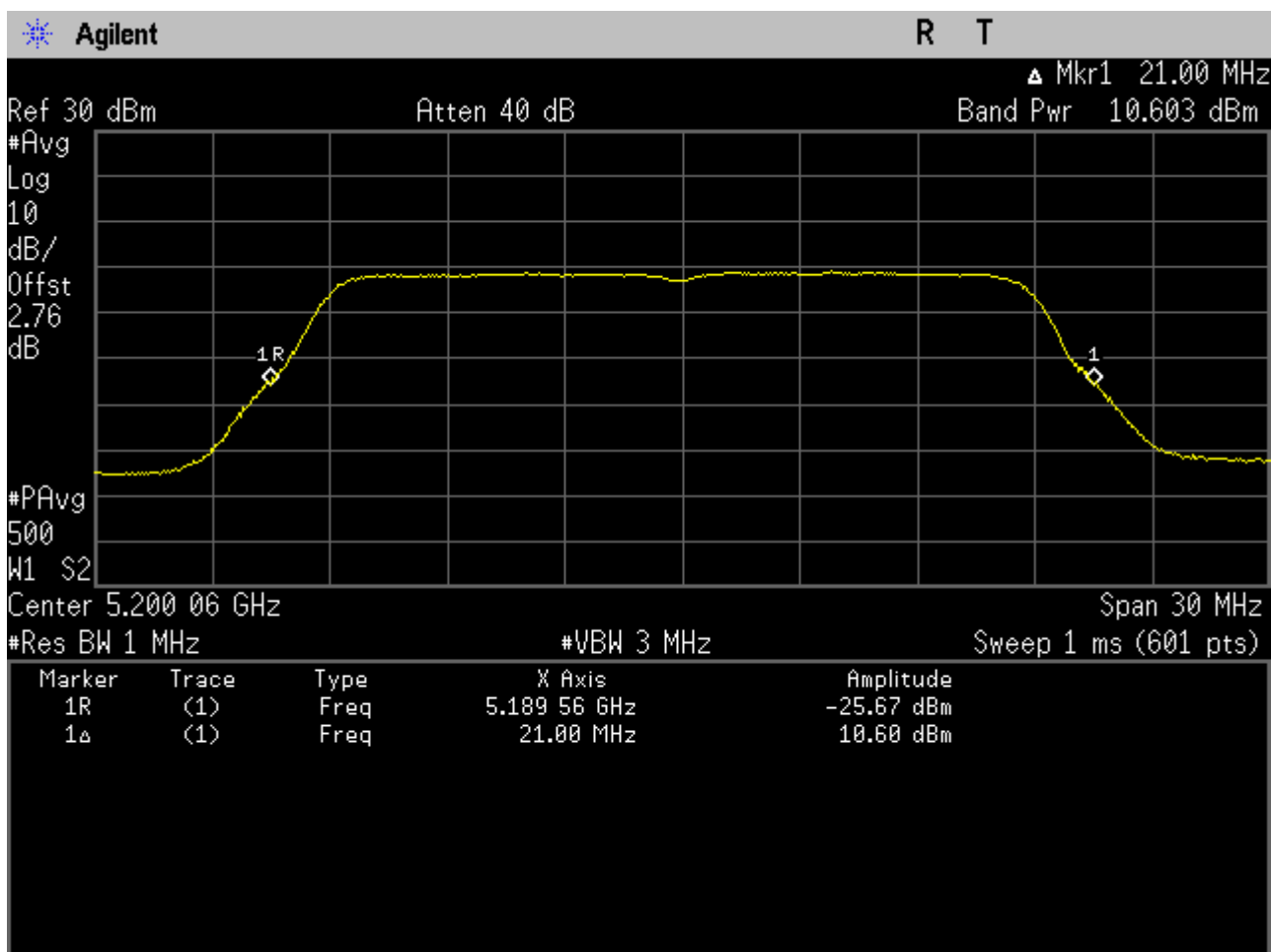
4.2911AC20M_36 Ant 1



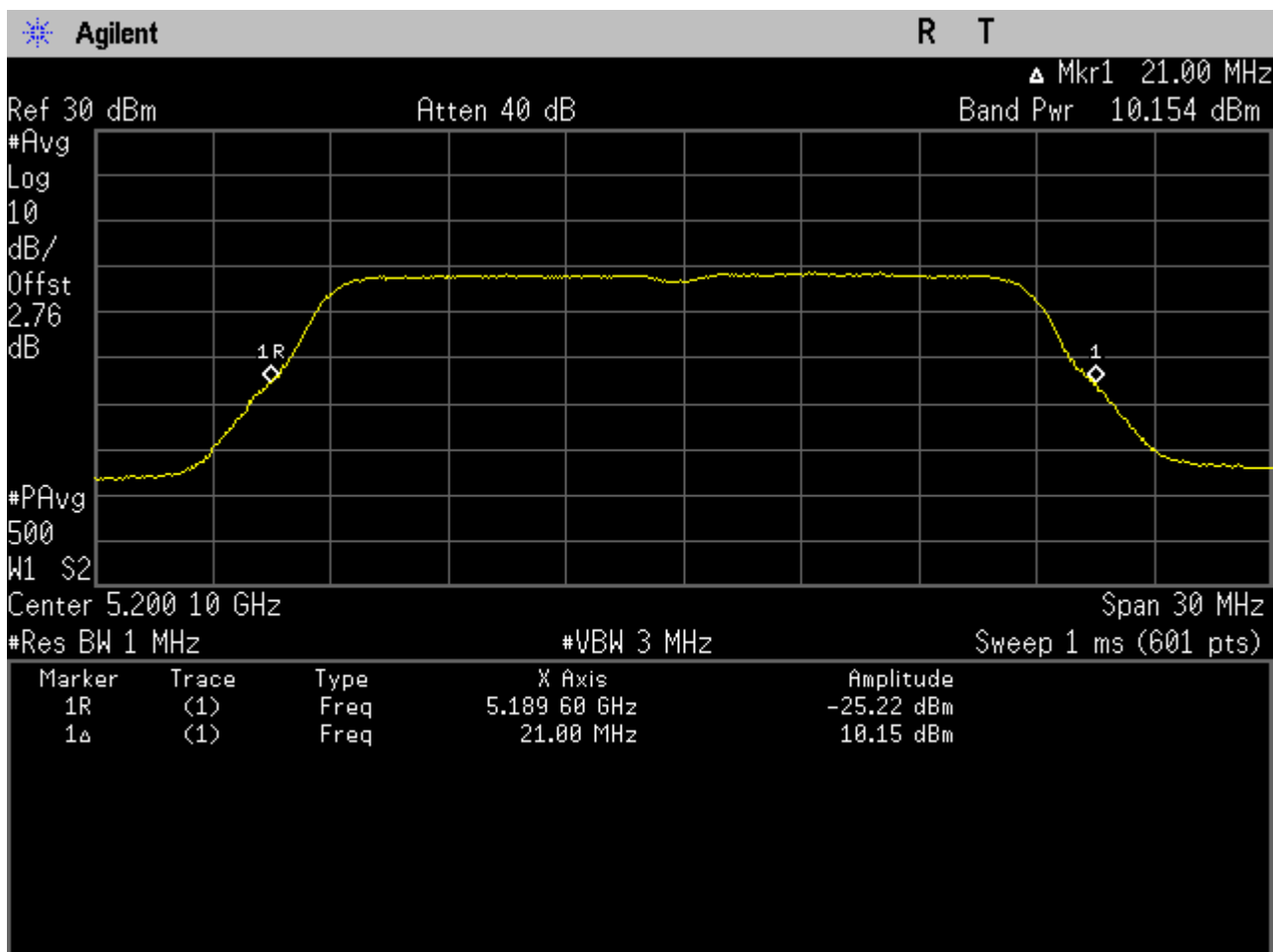
4.3011AC20M_36 Ant 2



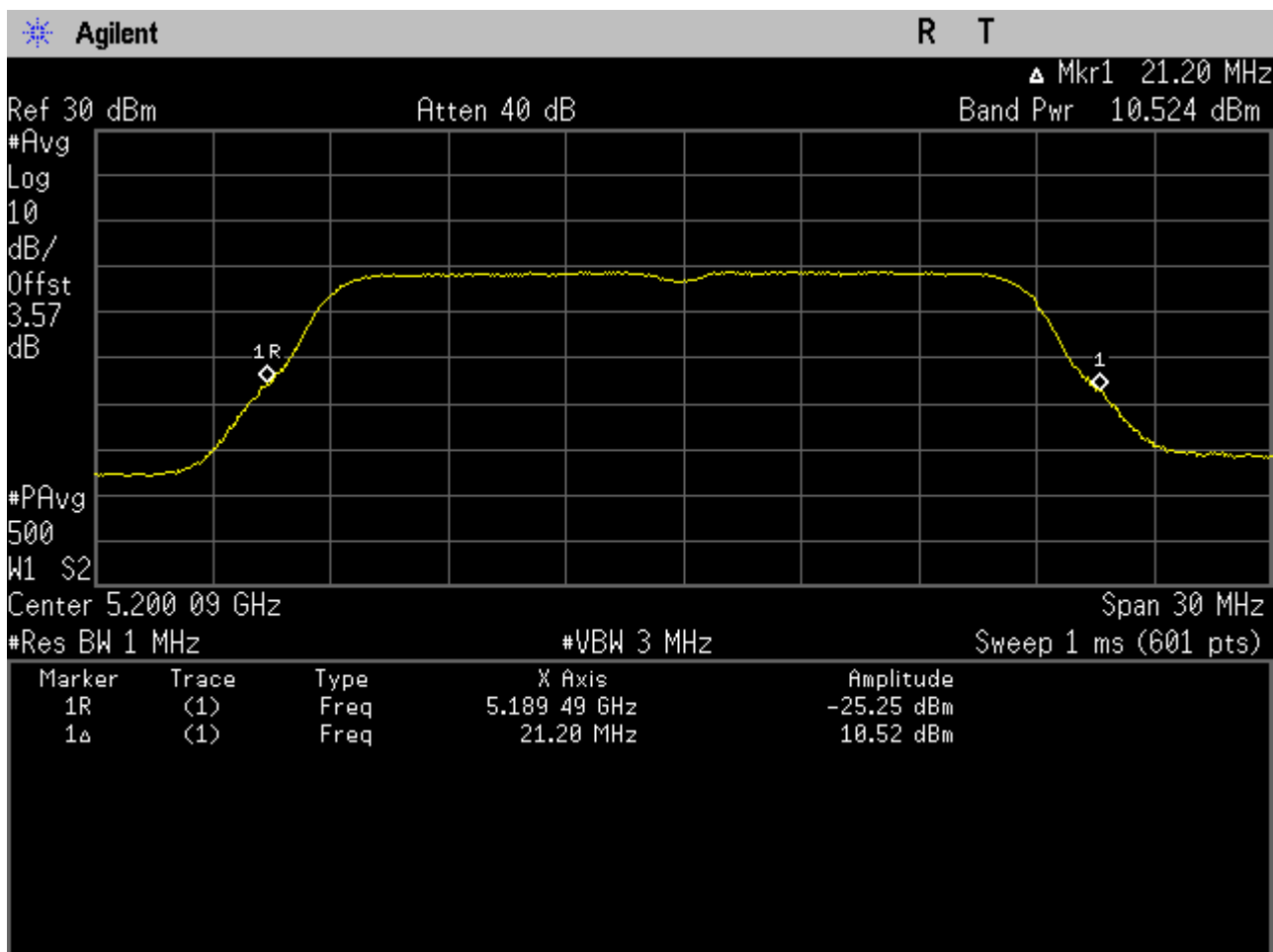
4.3111AC20_40 Ant 1



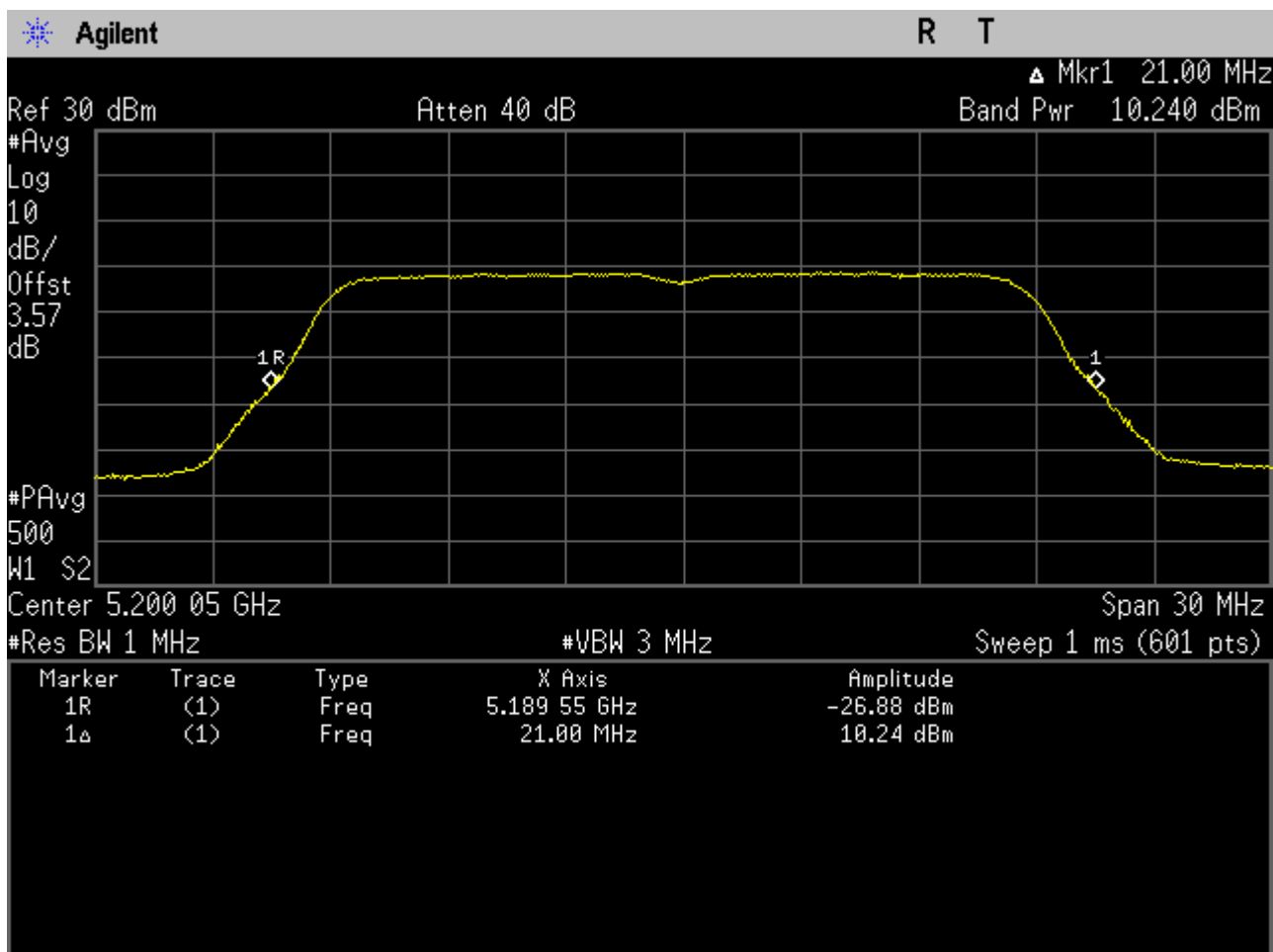
4.3211AC20_40 Ant 2



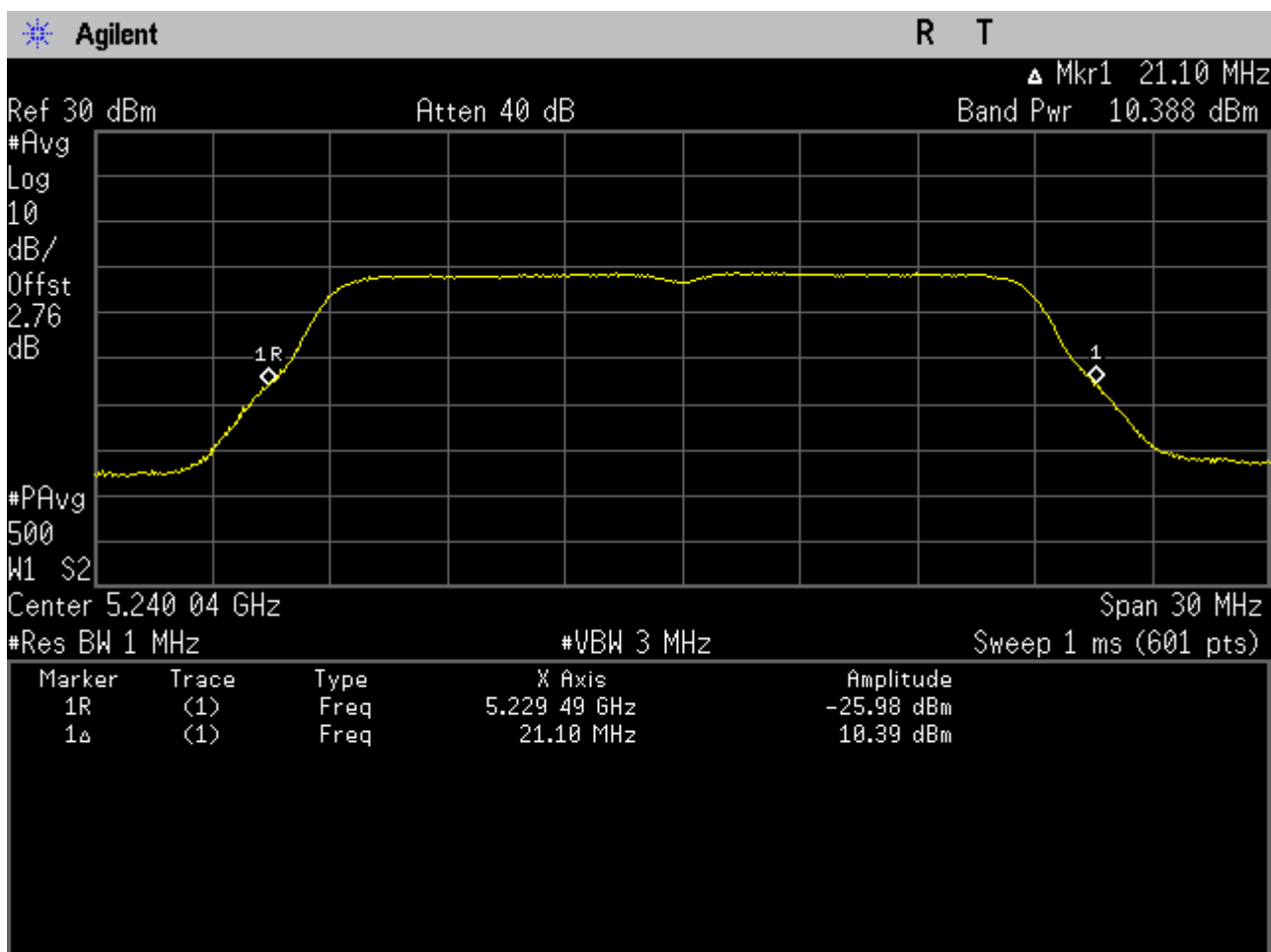
4.3311AC20M_40 Ant 1



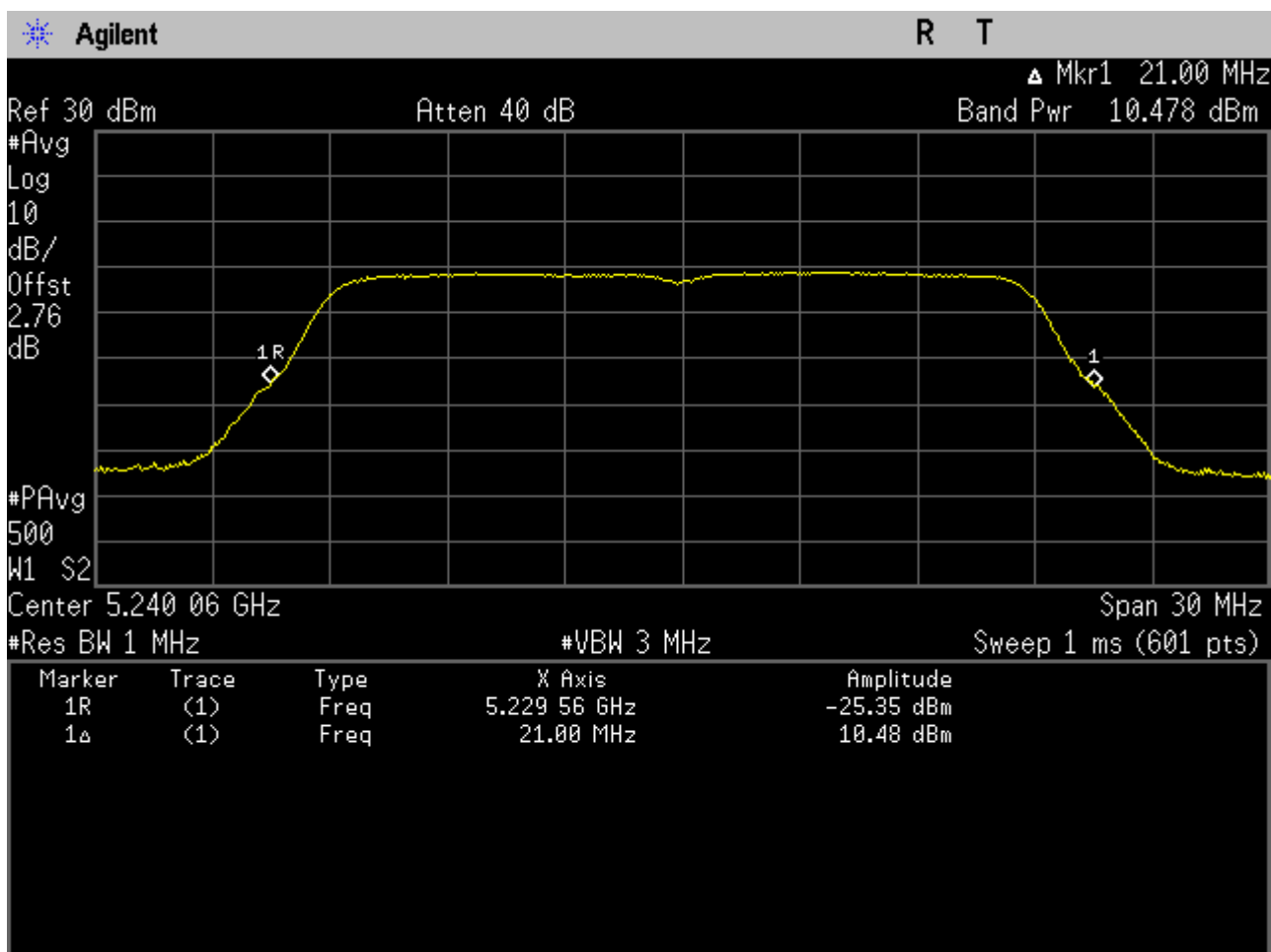
4.3411AC20M_40 Ant 2



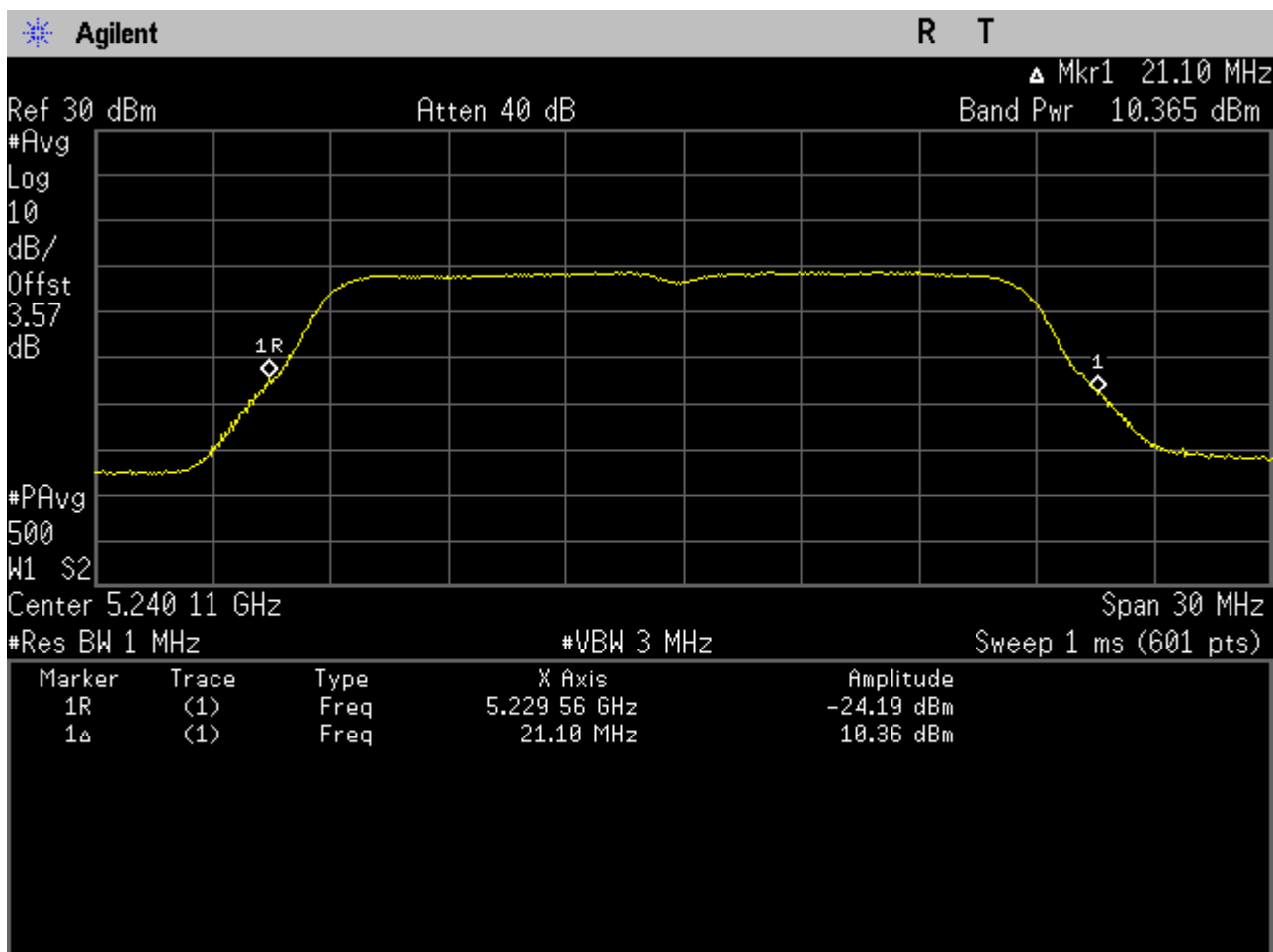
4.3511AC20_48 Ant 1



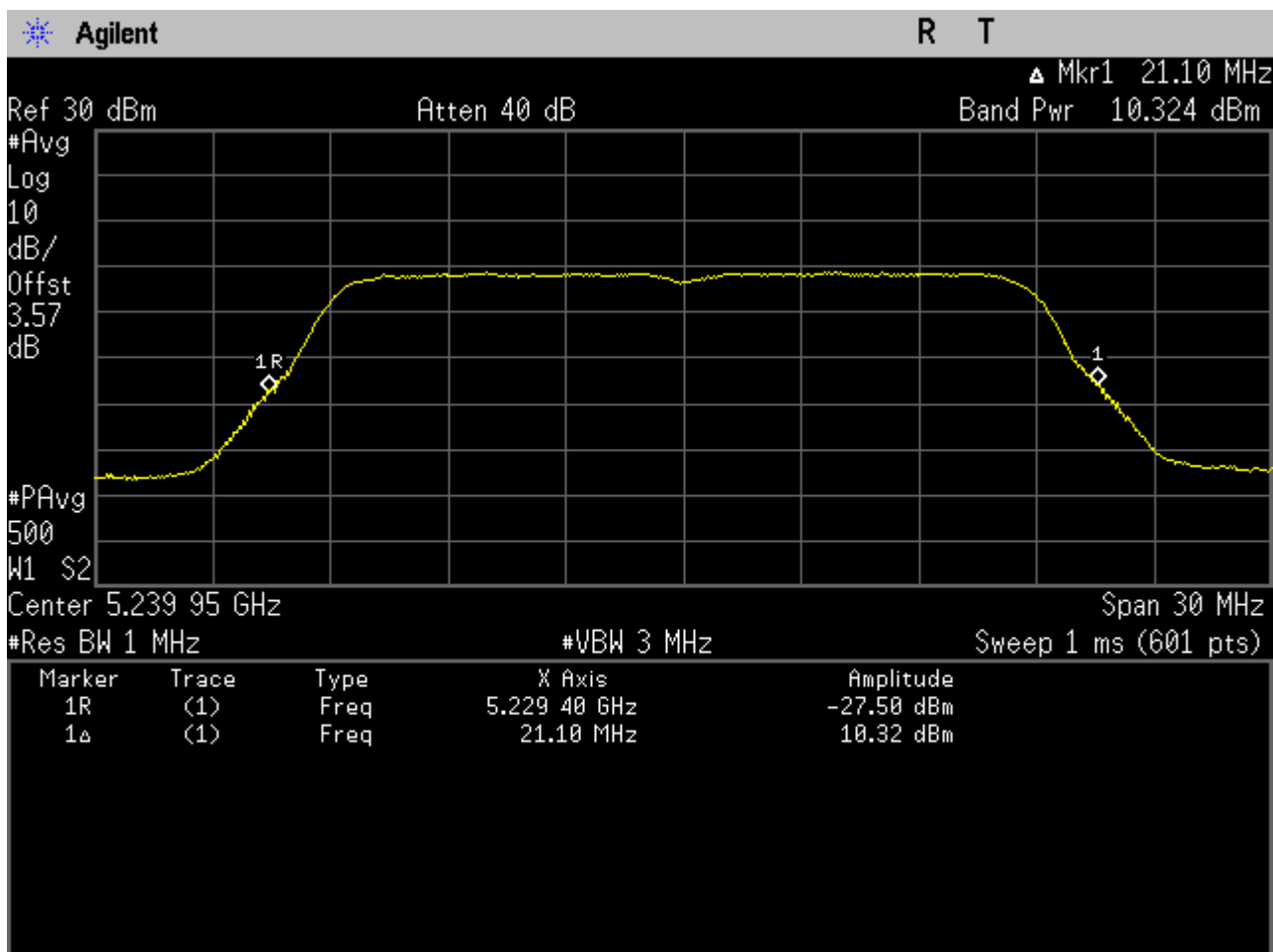
4.3611AC20_48 Ant 2



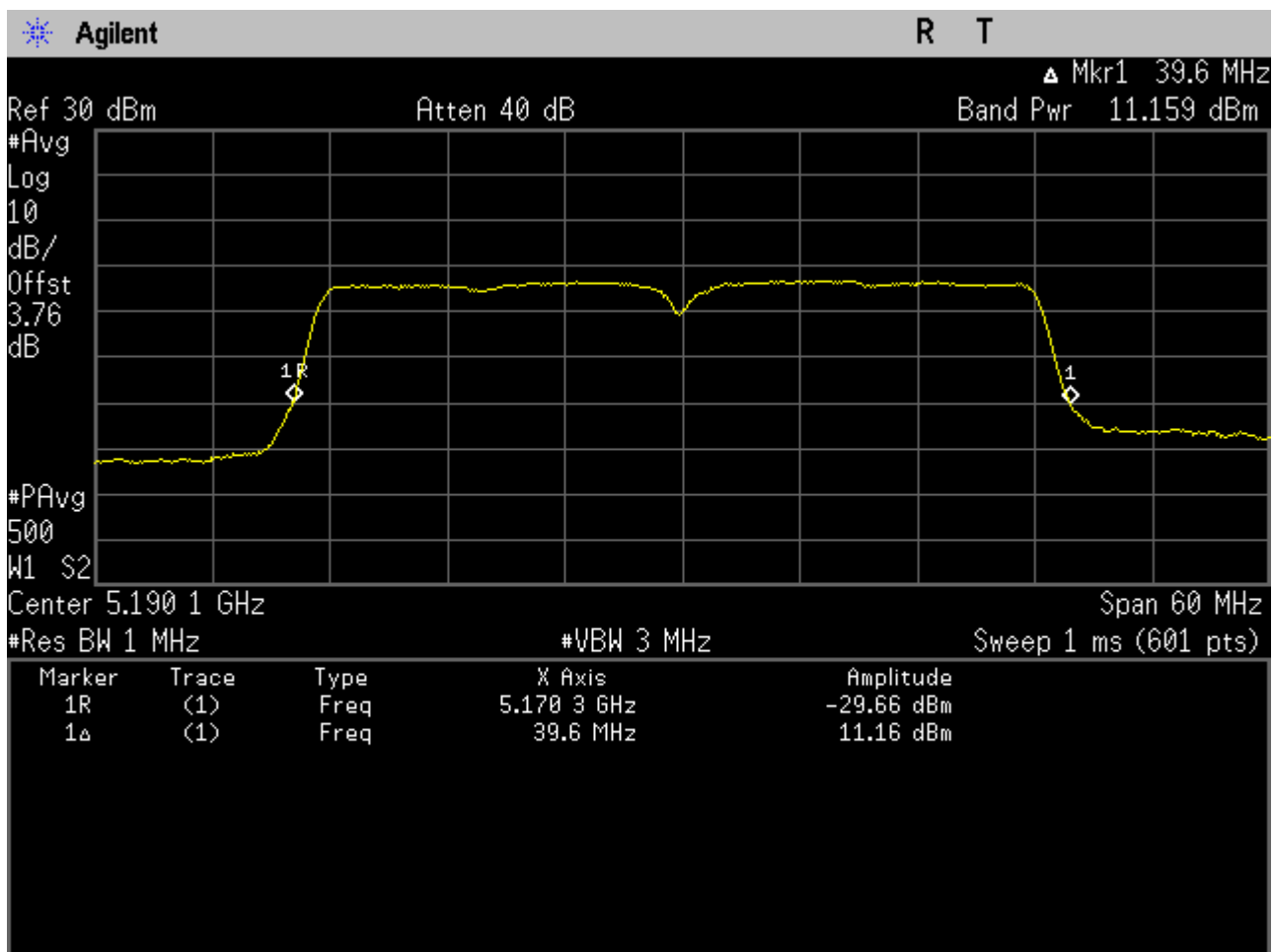
4.3711AC20M_48 Ant 1



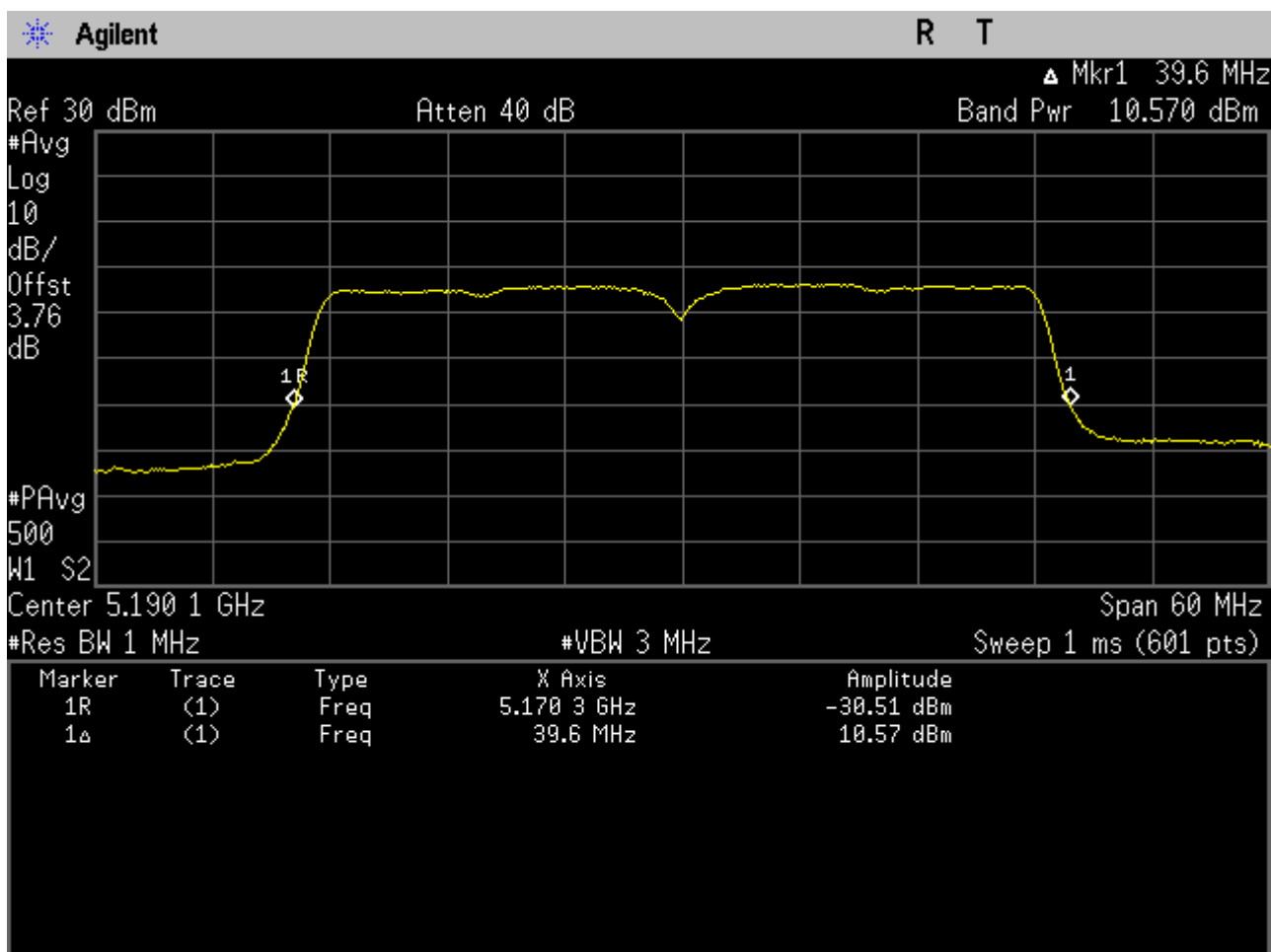
4.3811AC20M_48 Ant 2



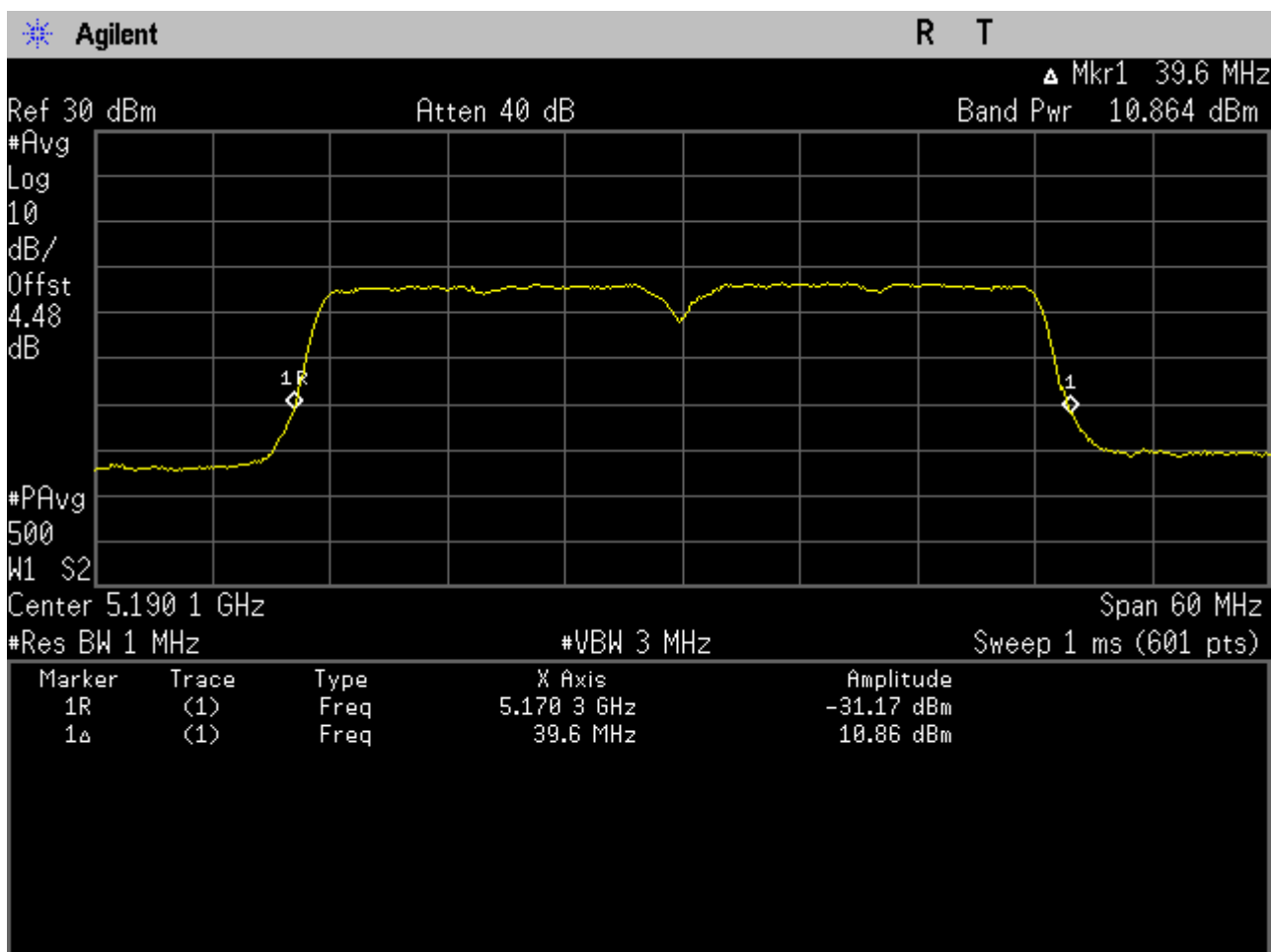
4.3911AC40_38 Ant 1



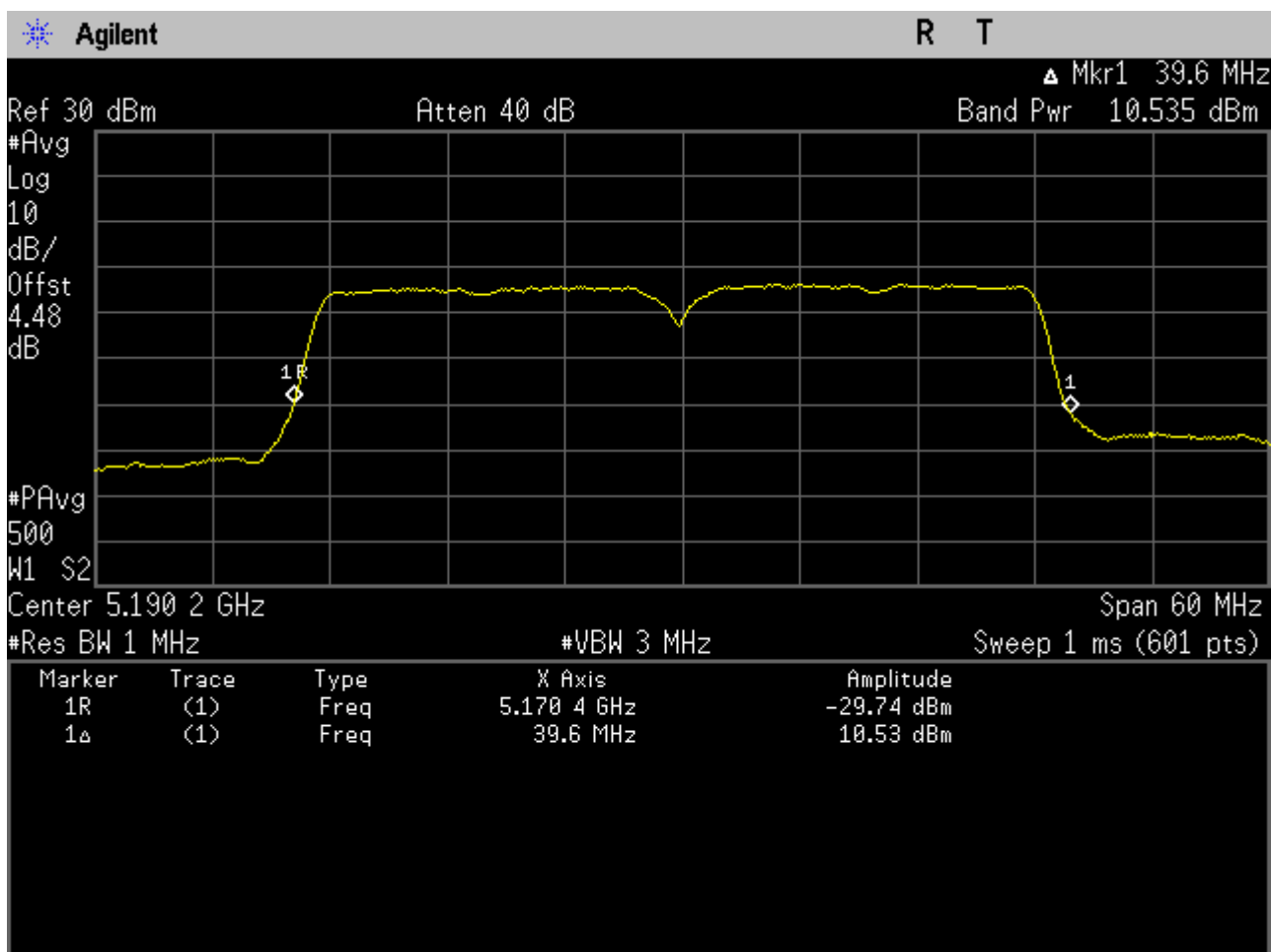
4.4011AC40_38 Ant 2



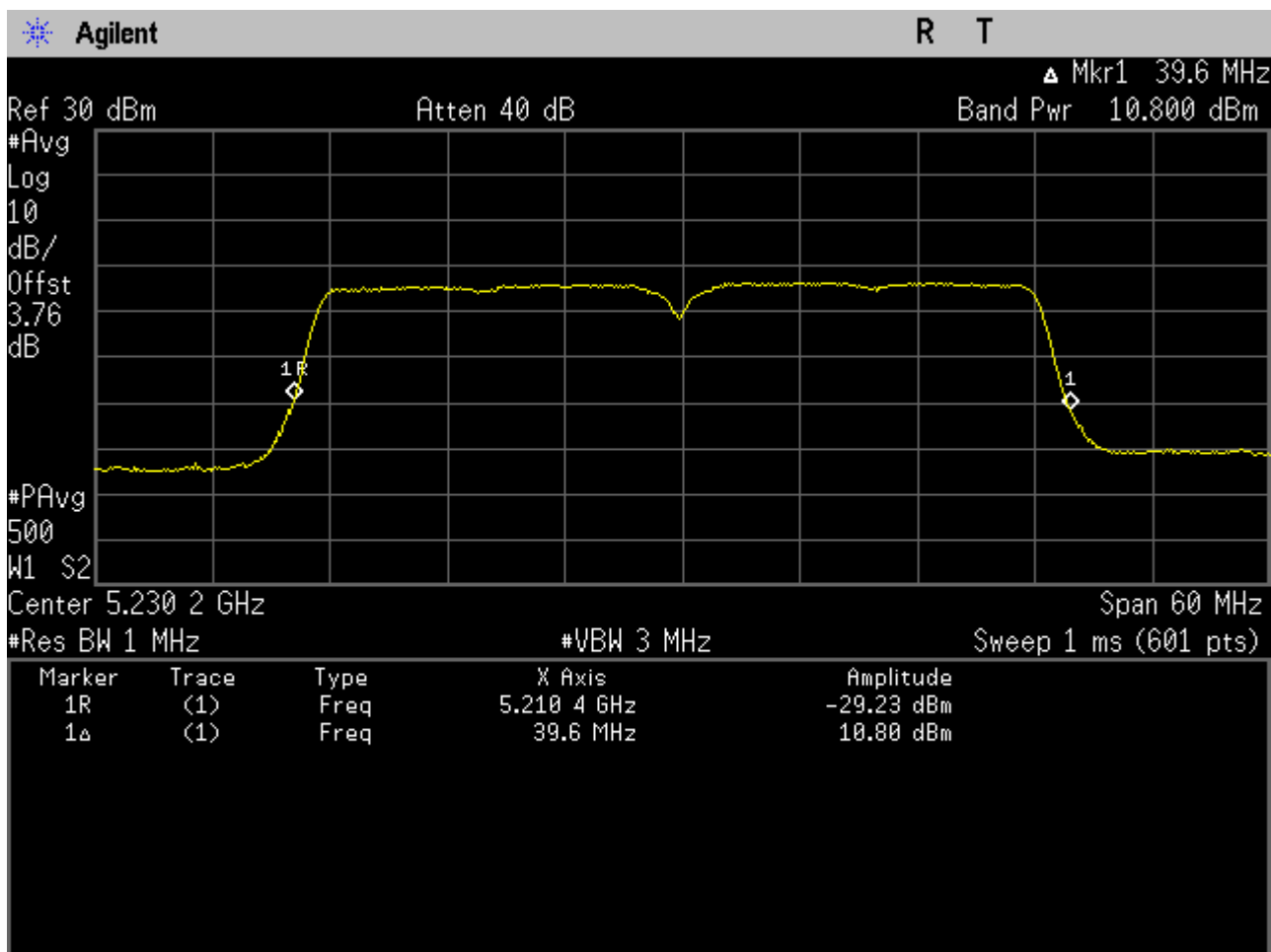
4.4111AC40M_38 Ant 1



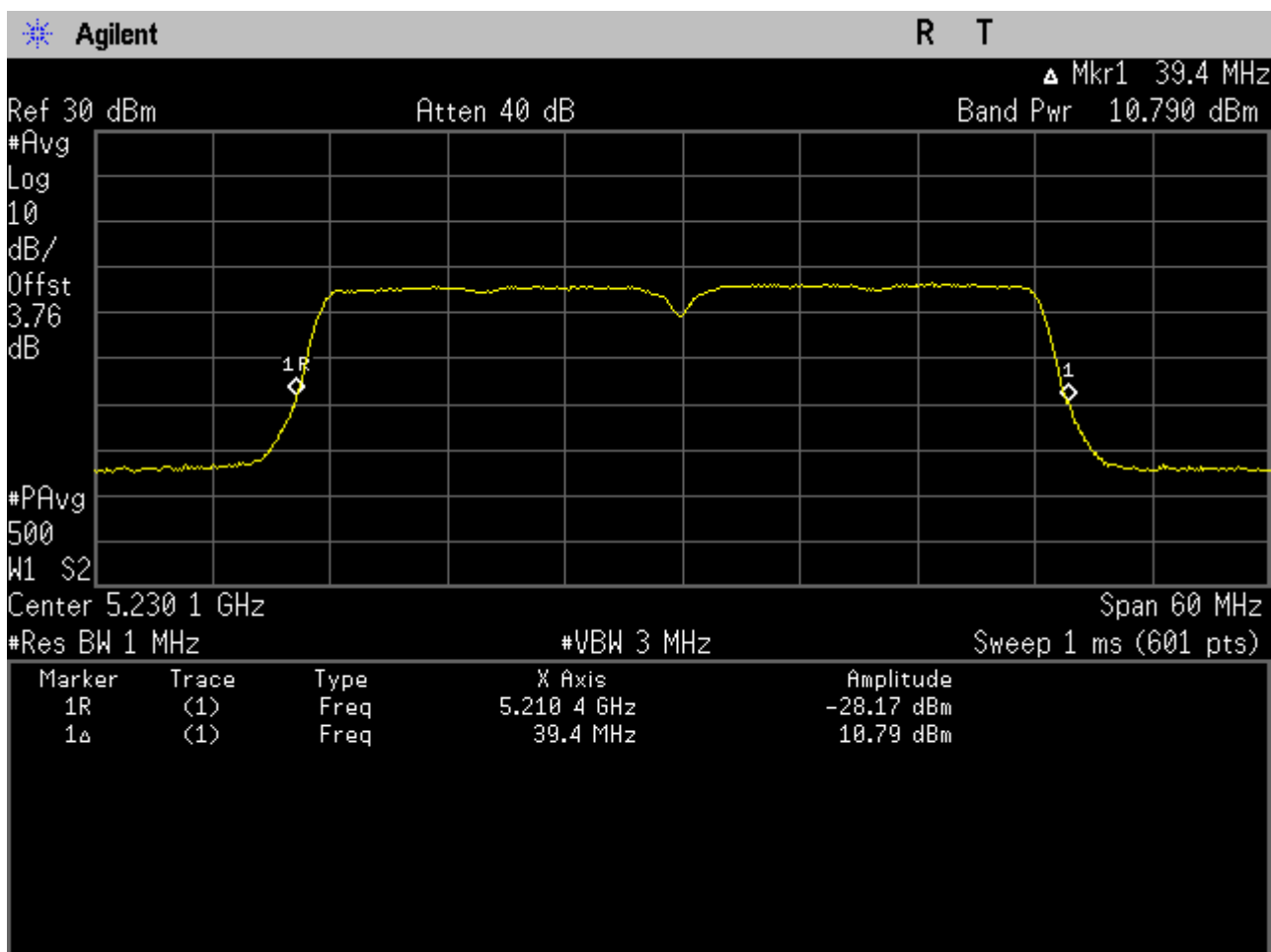
4.4211AC40M_38 Ant 2



4.4311AC40_46 Ant 1

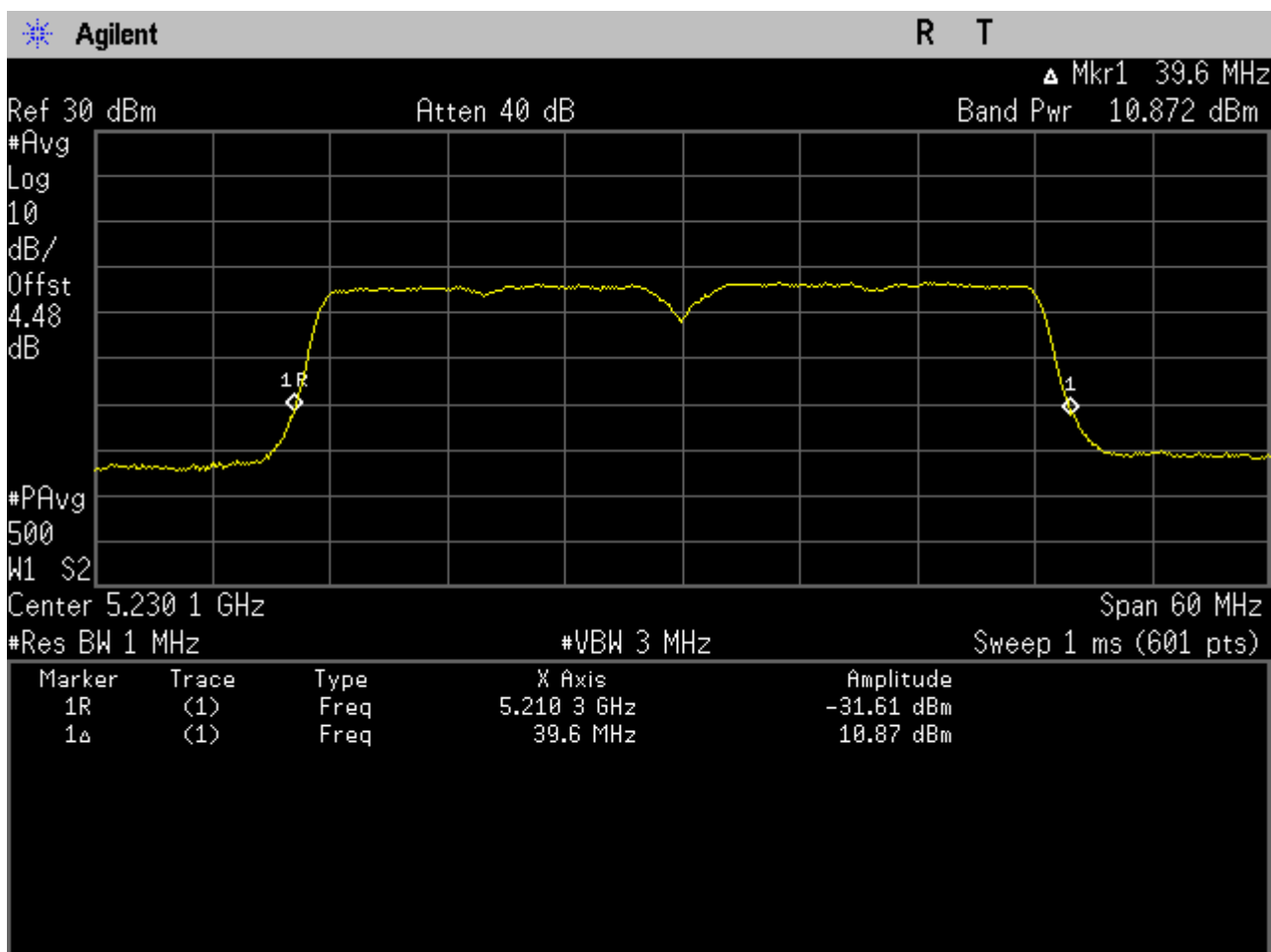


4.4411AC40_46 Ant 2

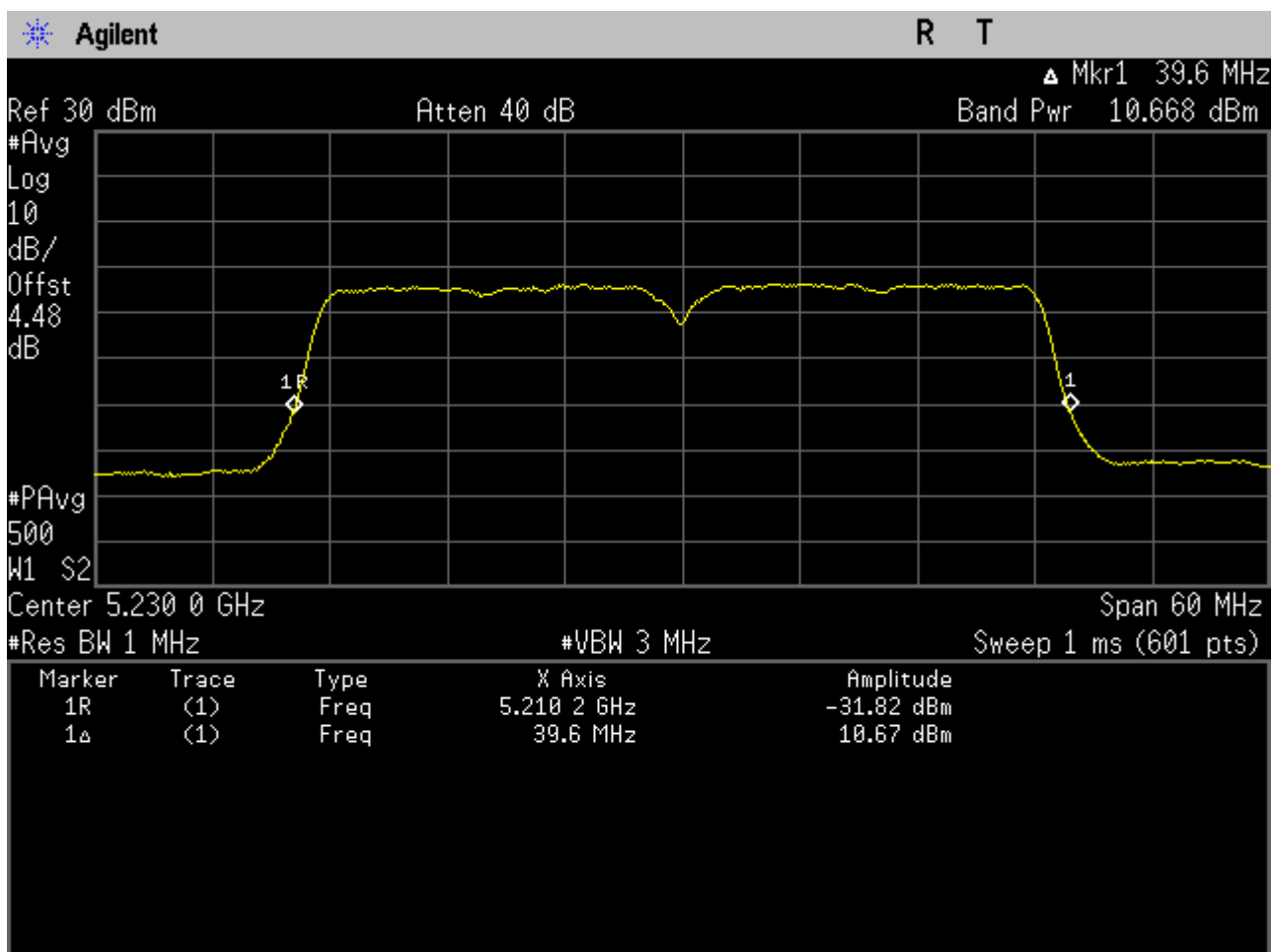




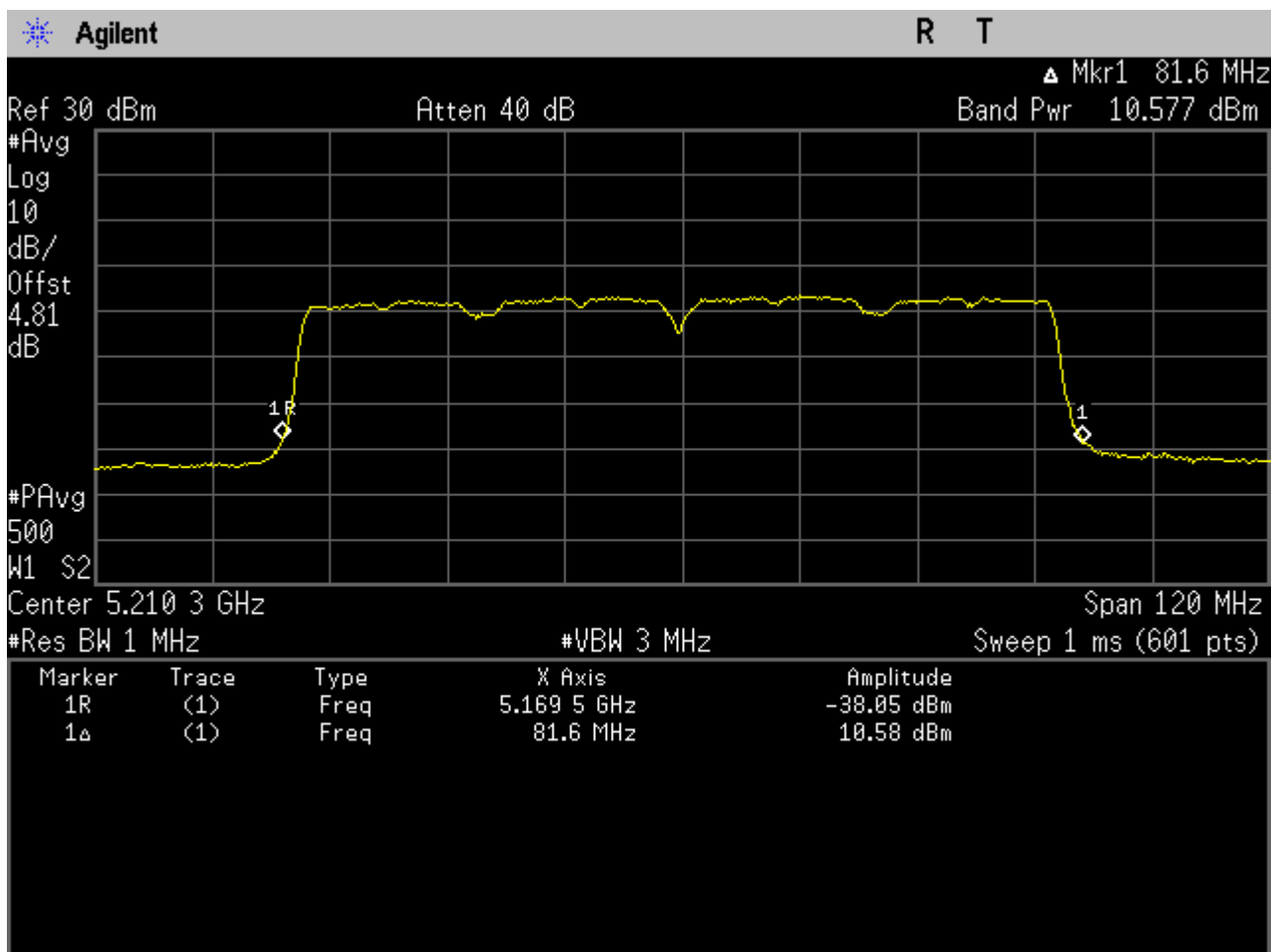
4.4511AC40M_46 Ant 1



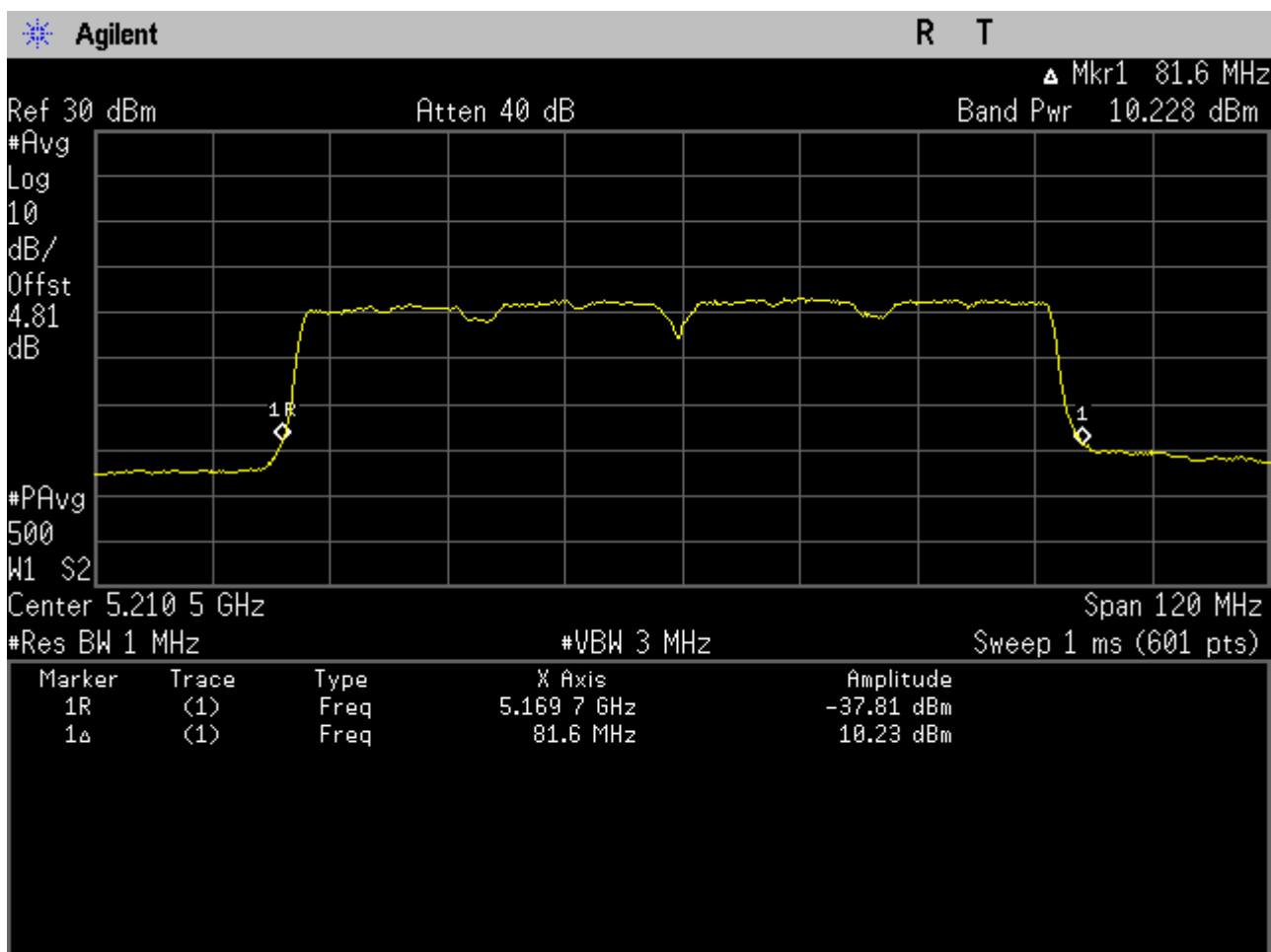
4.4611AC40M_46 Ant 2



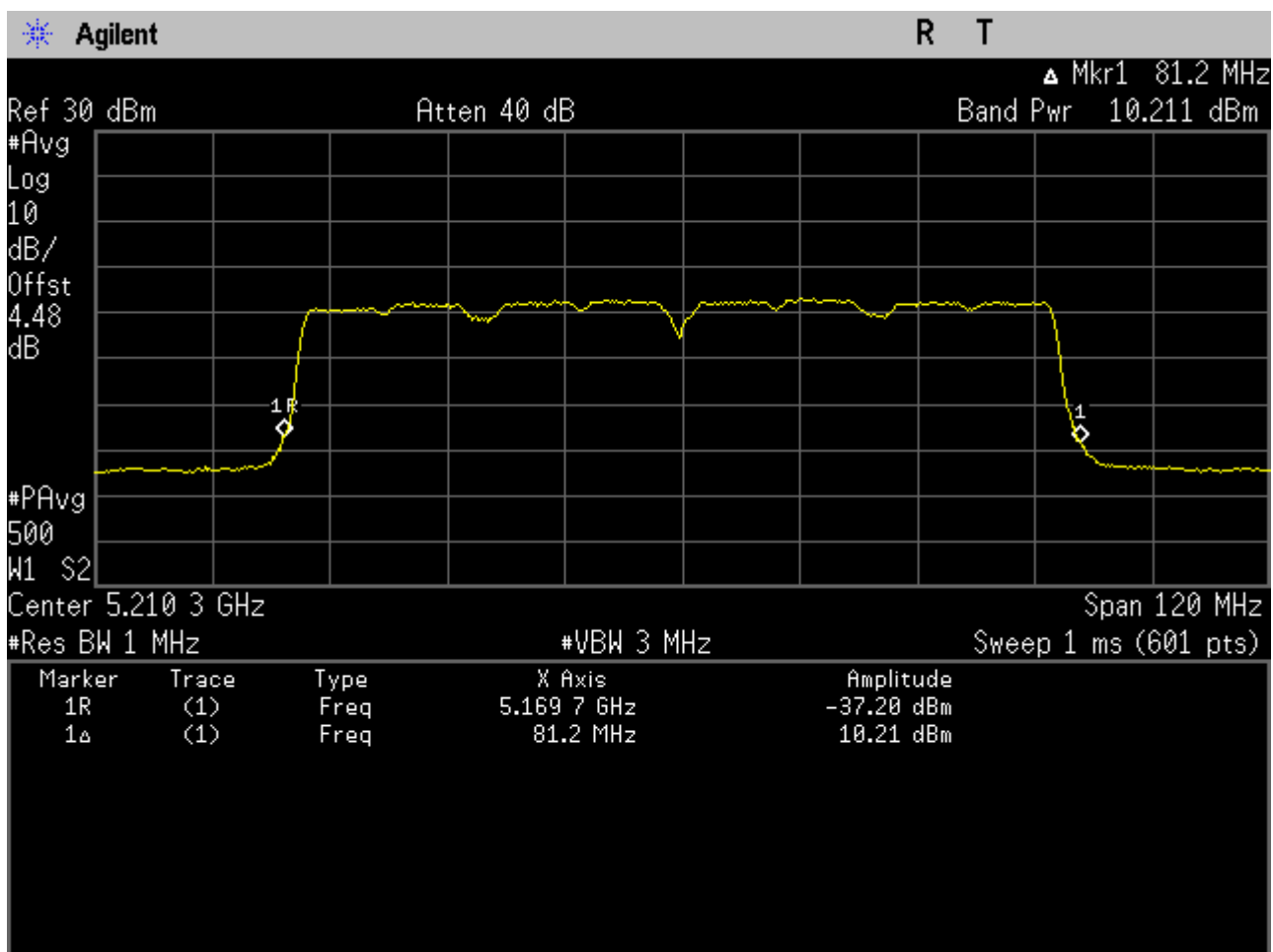
4.4711AC80_42 Ant 1



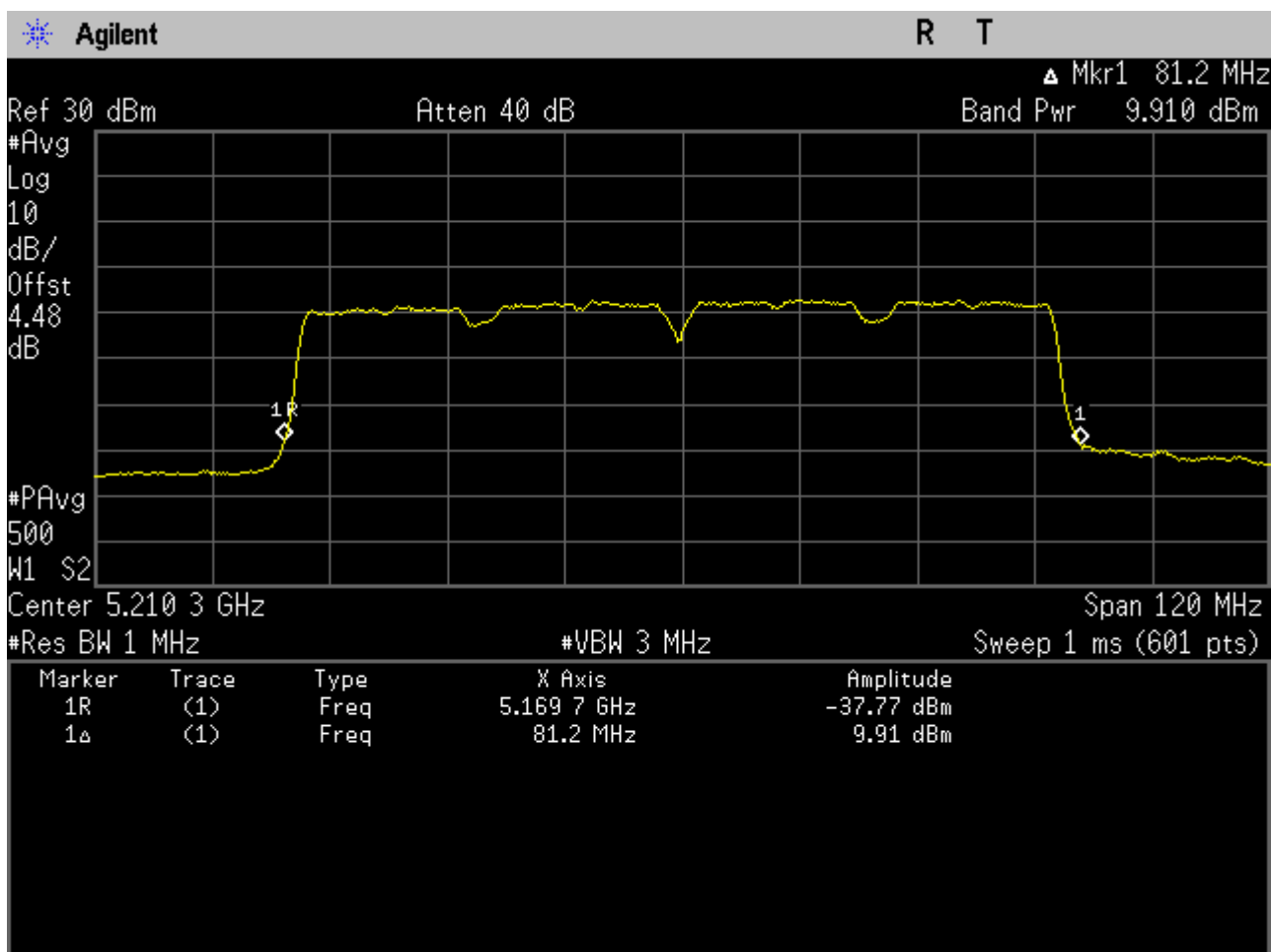
4.4811AC80_42 Ant 2



4.4911AC80M_42 Ant 1



4.5011AC80M_42 Ant 2



Appendix C: Peak Power Spectral Density Level

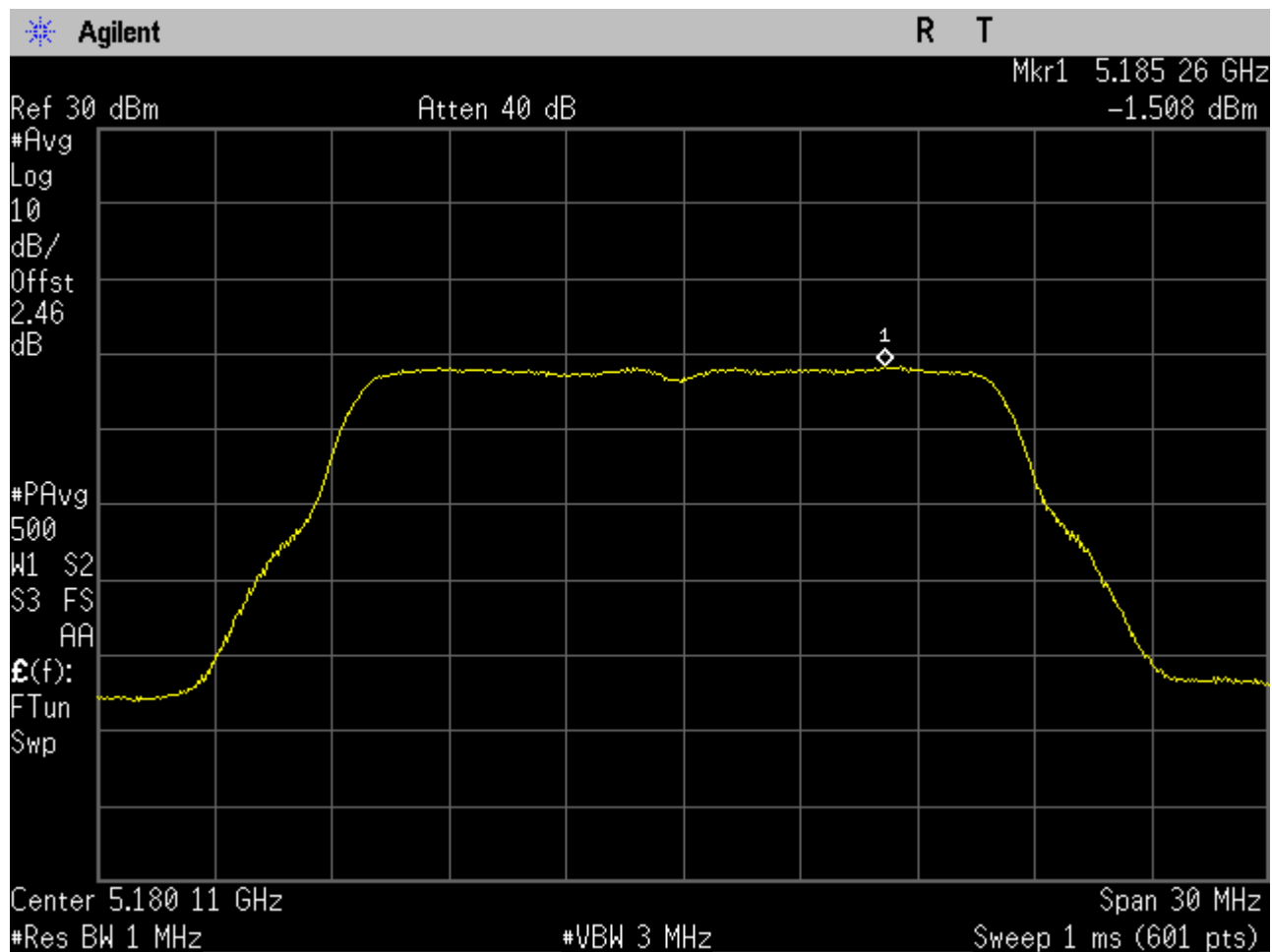
5 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Meas. Level [dBm/MHz]	Verdict
11A	36	5180	Ant 1	-1.51	pass
11A	36	5180	Ant 2	-2.46	pass
11A	40	5200	Ant 1	-1.92	pass
11A	40	5200	Ant 2	-2.26	pass
11A	48	5240	Ant 1	-2.3	pass
11A	48	5240	Ant 2	-1.96	pass
11N20	36	5180	Ant 1	-2.42	pass
11N20	36	5180	Ant 2	-2.61	pass
11N20M	36	5180	Ant 1	0.03	pass
11N20M	36	5180	Ant 2	-0.51	pass
11N20M	36	5180	Sum	2.78	pass
11N20	40	5200	Ant 1	-2.59	pass
11N20	40	5200	Ant 2	-2.61	pass
11N20M	40	5200	Ant 1	0.22	pass
11N20M	40	5200	Ant 2	-0.29	pass
11N20M	40	5200	Sum	2.98	pass
11N20	48	5240	Ant 1	-2.56	pass
11N20	48	5240	Ant 2	-2.41	pass
11N20M	48	5240	Ant 1	-0.16	pass
11N20M	48	5240	Ant 2	-0.25	pass
11N20M	48	5240	Sum	2.81	pass
11N40	38	5190	Ant 1	-4.26	pass
11N40	38	5190	Ant 2	-4.4	pass
11N40M	38	5190	Ant 1	-4.32	pass
11N40M	38	5190	Ant 2	-4.32	pass
11N40M	38	5190	Sum	-1.31	pass
11N40	46	5230	Ant 1	-4.29	pass
11N40	46	5230	Ant 2	-4.43	pass
11N40M	46	5230	Ant 1	-4.38	pass
11N40M	46	5230	Ant 2	-4.43	pass
11N40M	46	5230	Sum	-1.39	pass
11AC20	36	5180	Ant 1	-0.95	pass
11AC20	36	5180	Ant 2	-1.38	pass
11AC20M	36	5180	Ant 1	-0.96	pass
11AC20M	36	5180	Ant 2	-1.14	pass

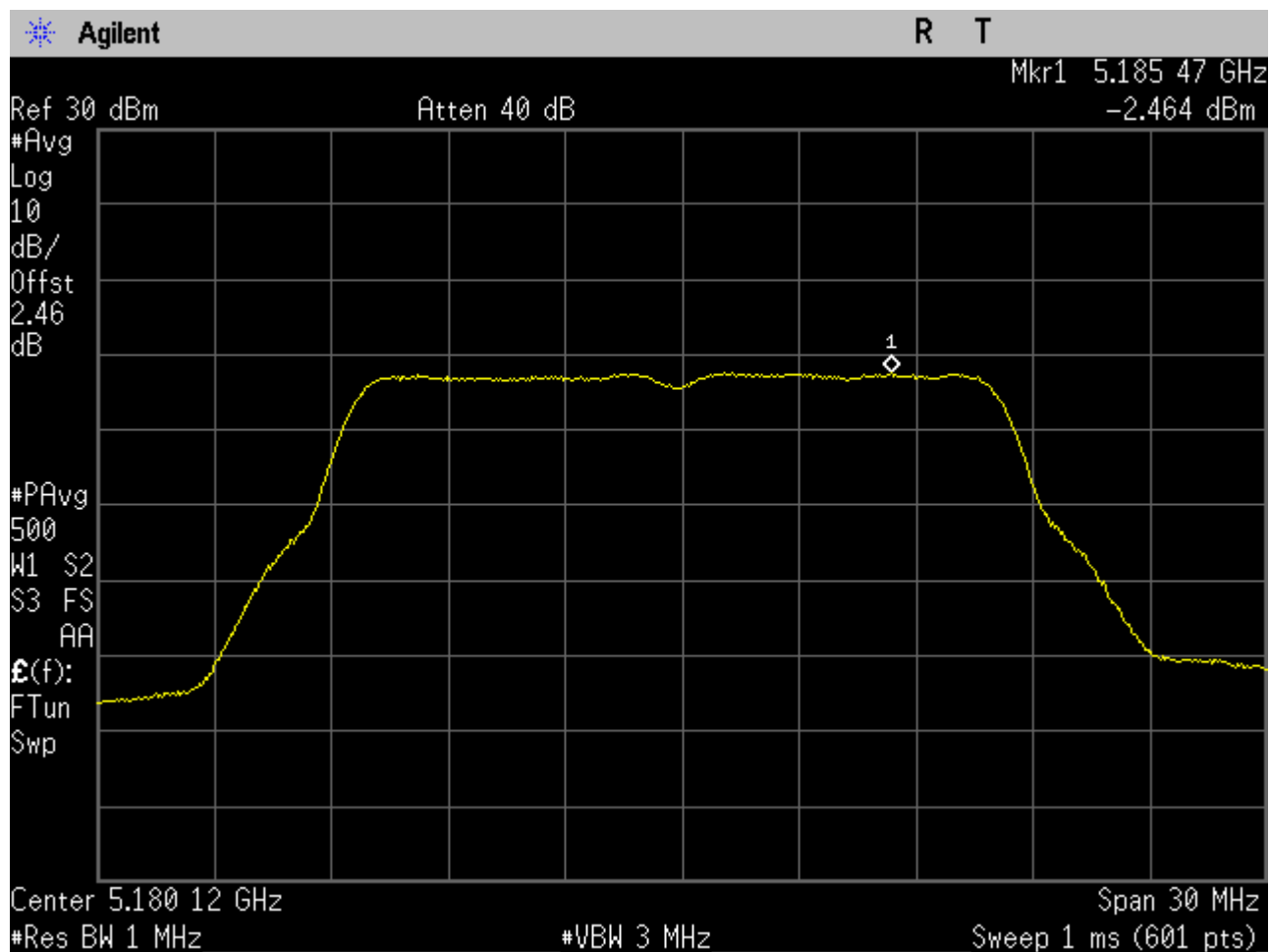
11AC20M	36	5180	Sum	1.96	pass
11AC20	40	5200	Ant 1	-0.89	pass
11AC20	40	5200	Ant 2	-1.27	pass
11AC20M	40	5200	Ant 1	-1.05	pass
11AC20M	40	5200	Ant 2	-1.18	pass
11AC20M	40	5200	Sum	1.90	pass
11AC20	48	5240	Ant 1	-1.29	pass
11AC20	48	5240	Ant 2	-1.02	pass
11AC20M	48	5240	Ant 1	-1.14	pass
11AC20M	48	5240	Ant 2	-1.22	pass
11AC20M	48	5240	Sum	1.83	pass
11AC40	38	5190	Ant 1	-3.11	pass
11AC40	38	5190	Ant 2	-3.63	pass
11AC40M	38	5190	Ant 1	-3.47	pass
11AC40M	38	5190	Ant 2	-3.69	pass
11AC40M	38	5190	Sum	-0.57	pass
11AC40	46	5230	Ant 1	-3.59	pass
11AC40	46	5230	Ant 2	-3.5	pass
11AC40M	46	5230	Ant 1	-3.39	pass
11AC40M	46	5230	Ant 2	-3.62	pass
11AC40M	46	5230	Sum	-0.49	pass
11AC80	42	5210	Ant 1	-6.44	pass
11AC80	42	5210	Ant 2	-6.71	pass
11AC80M	42	5210	Ant 1	-6.84	pass
11AC80M	42	5210	Ant 2	-7.27	pass
11AC80M	42	5210	Sum	-4.04	pass

6 Test Plot

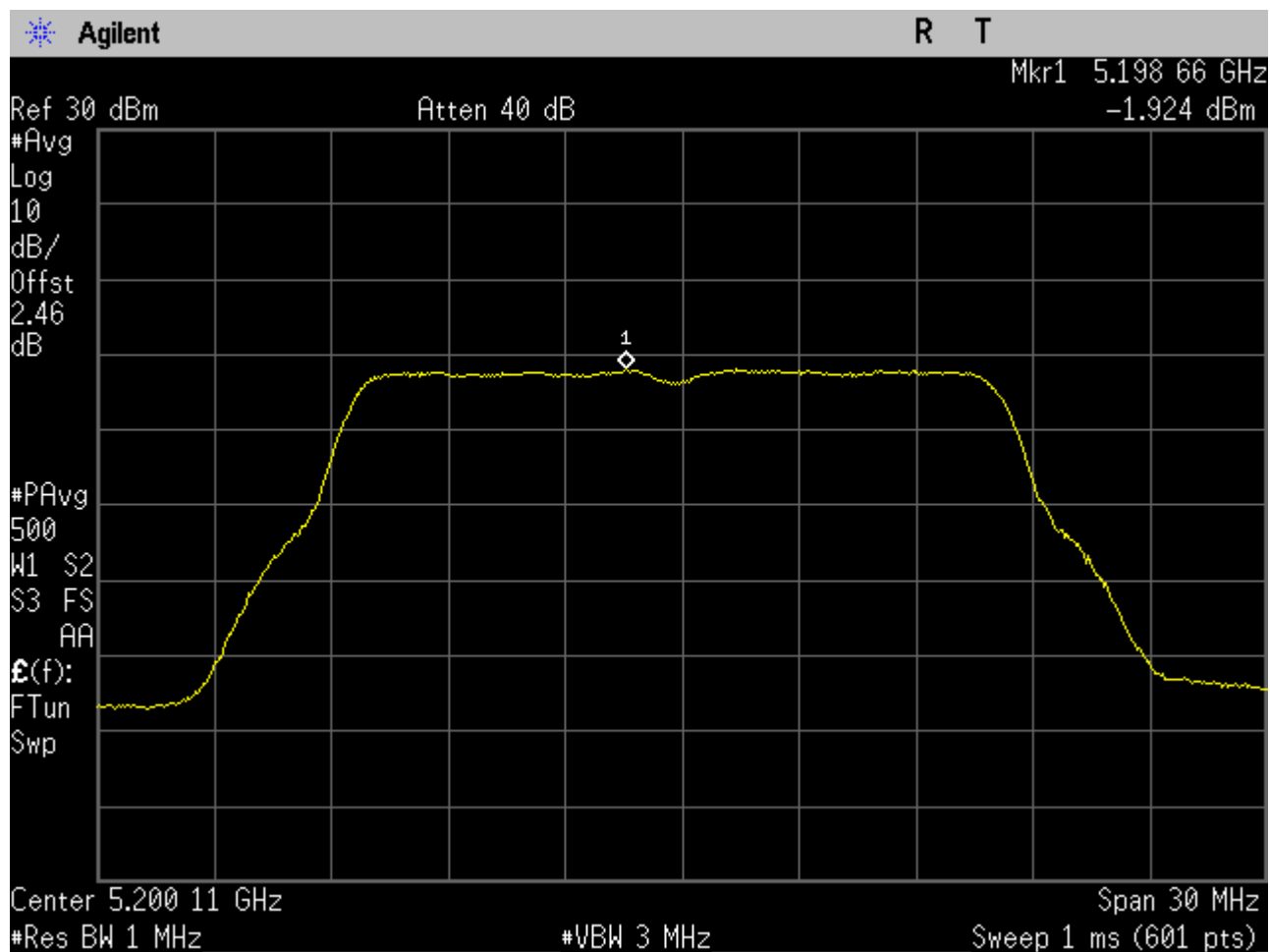
6.1 11A_36 Ant 1



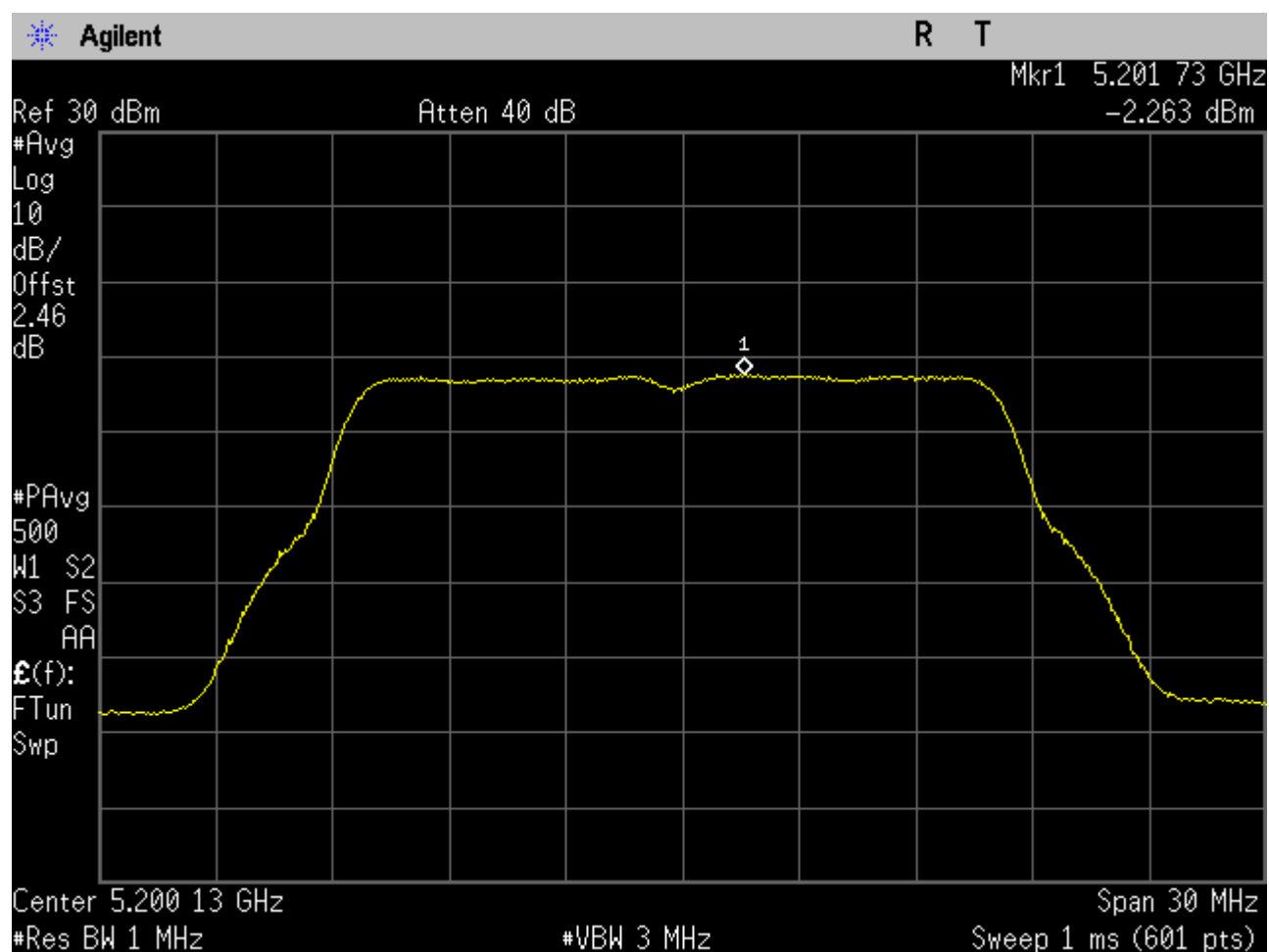
6.2 11A_36 Ant 2



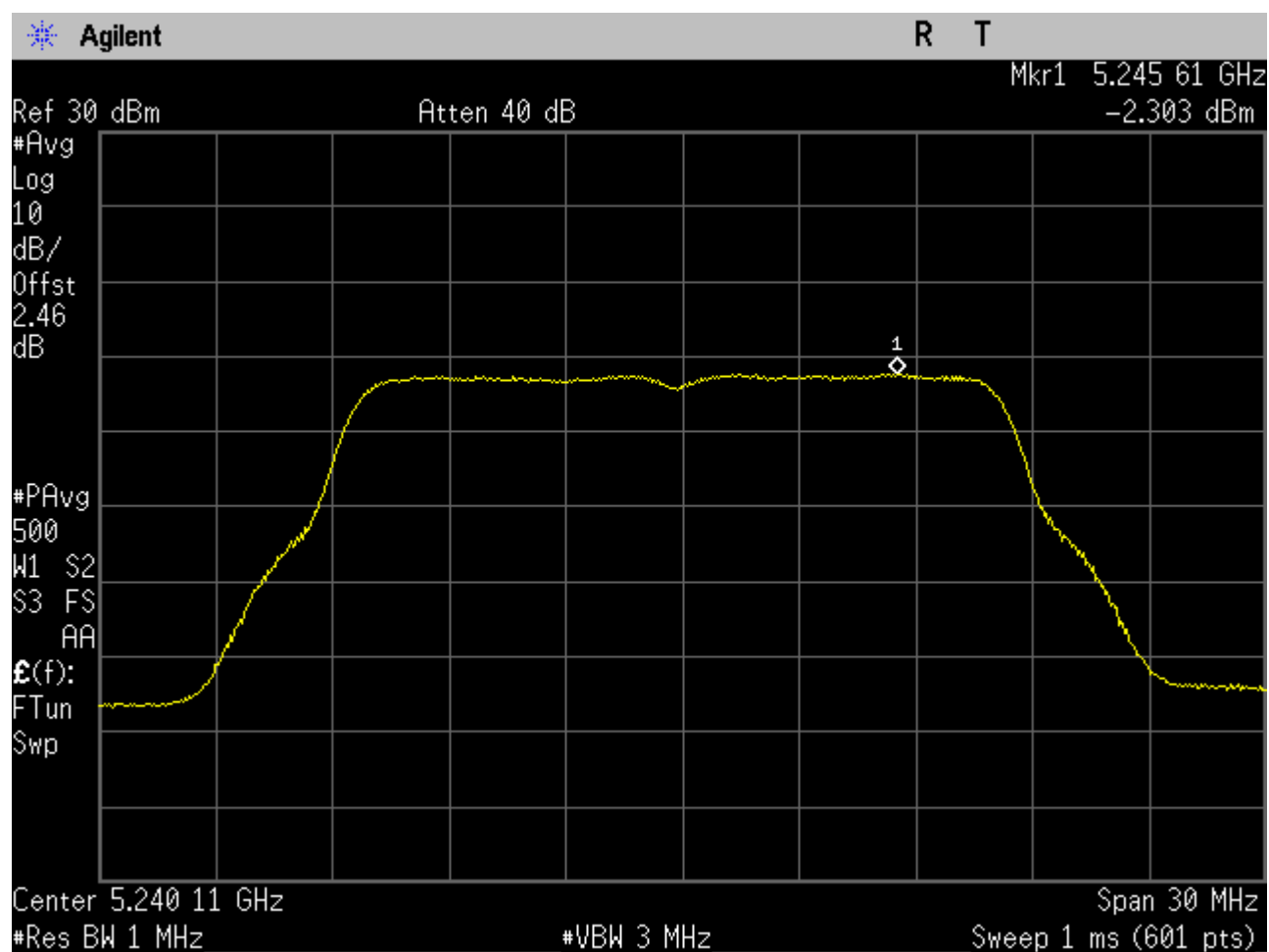
6.3 11A_40 Ant 1



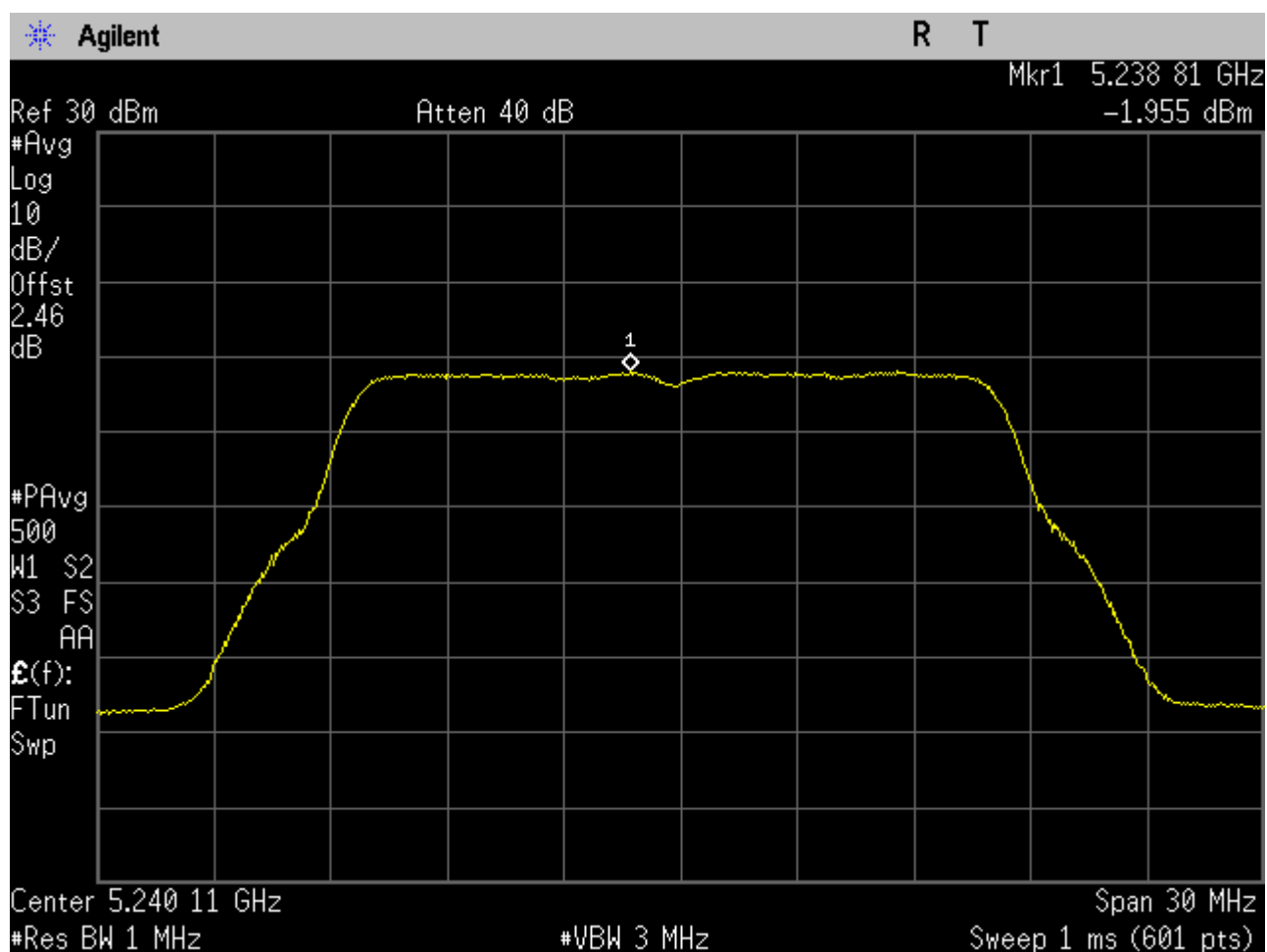
6.4 11A_40 Ant 2



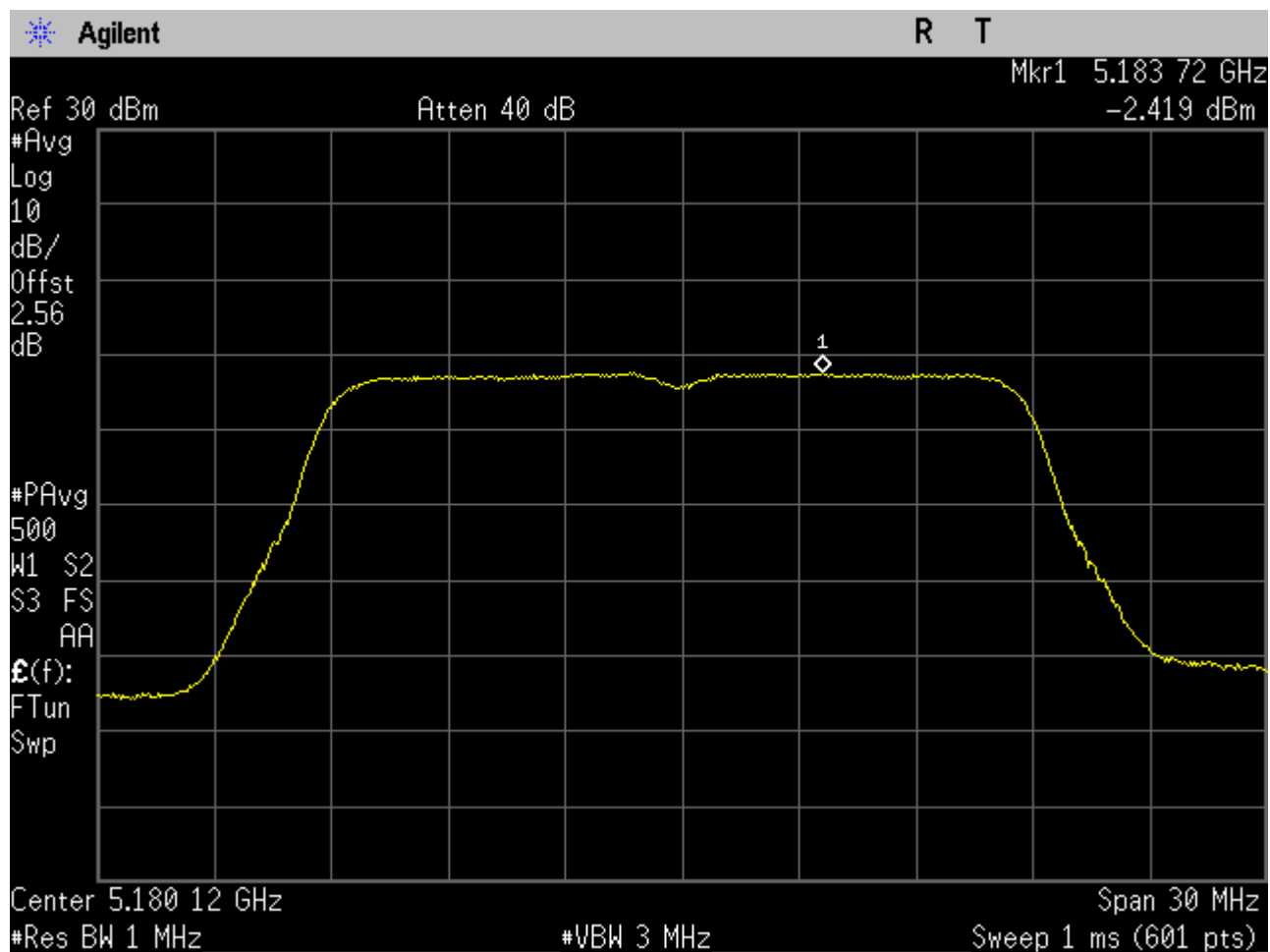
6.5 11A_48 Ant 1



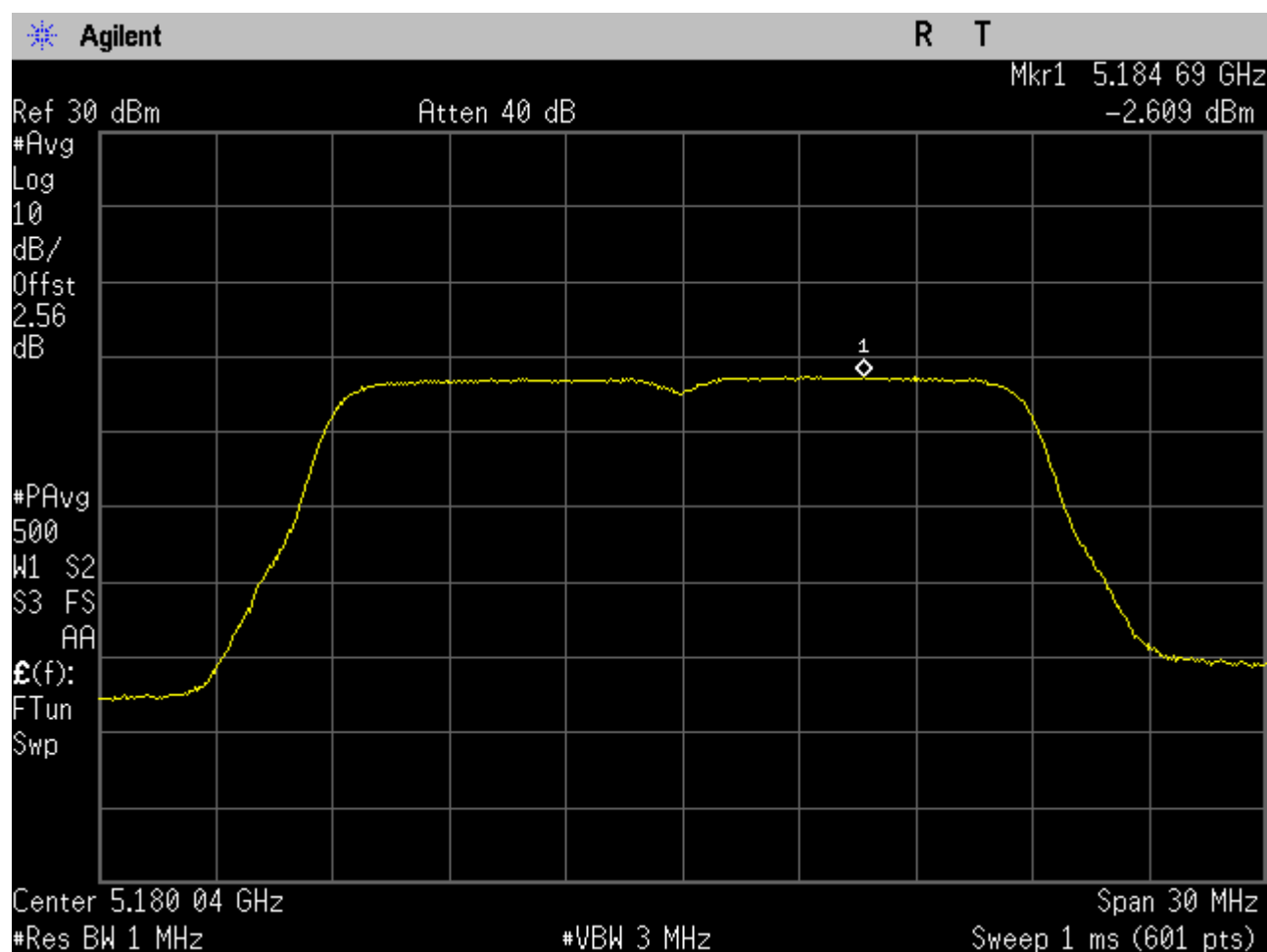
6.6 11A_48 Ant 2



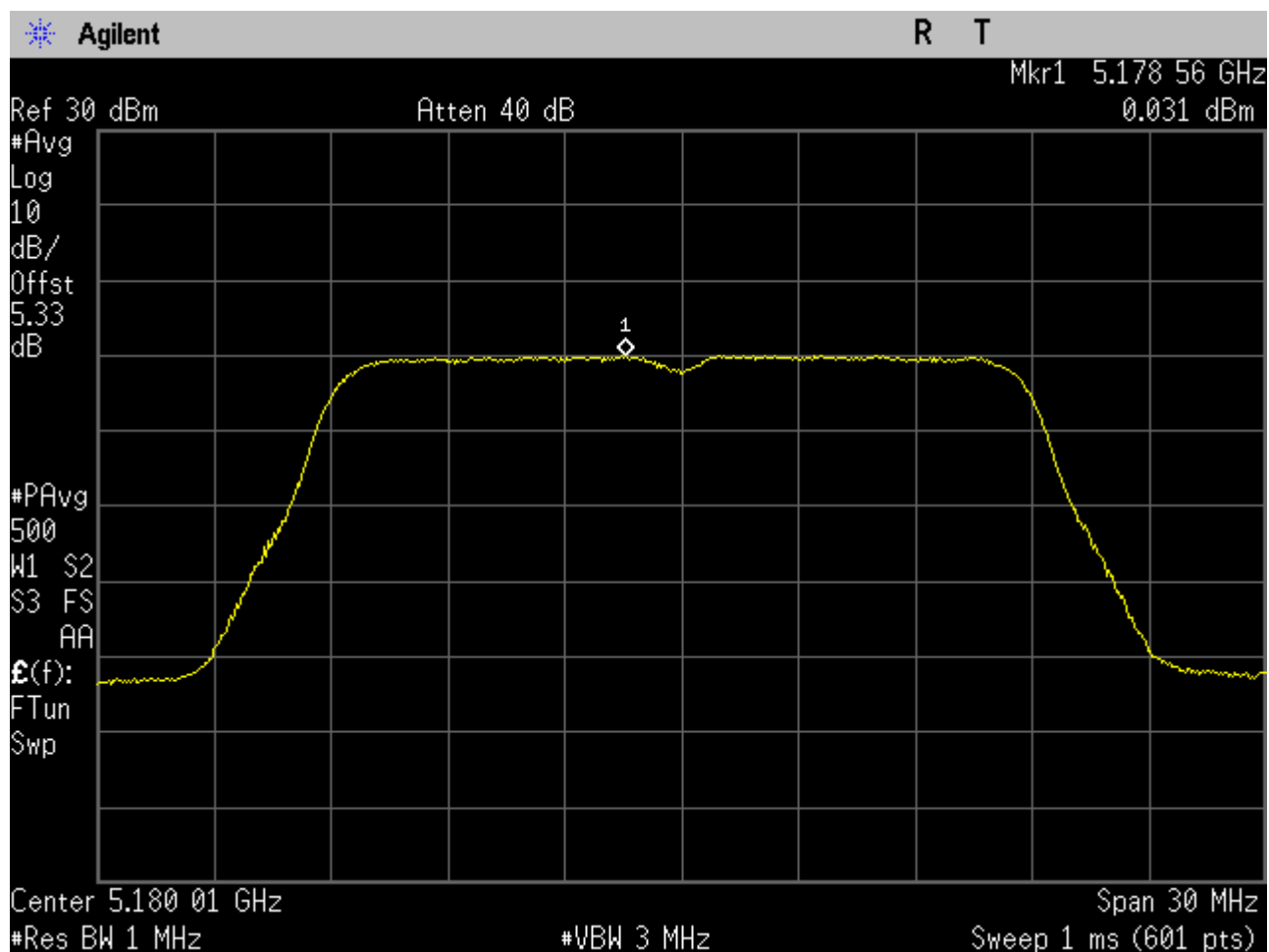
6.7 11N20_36 Ant 1



6.8 11N20_36 Ant 2

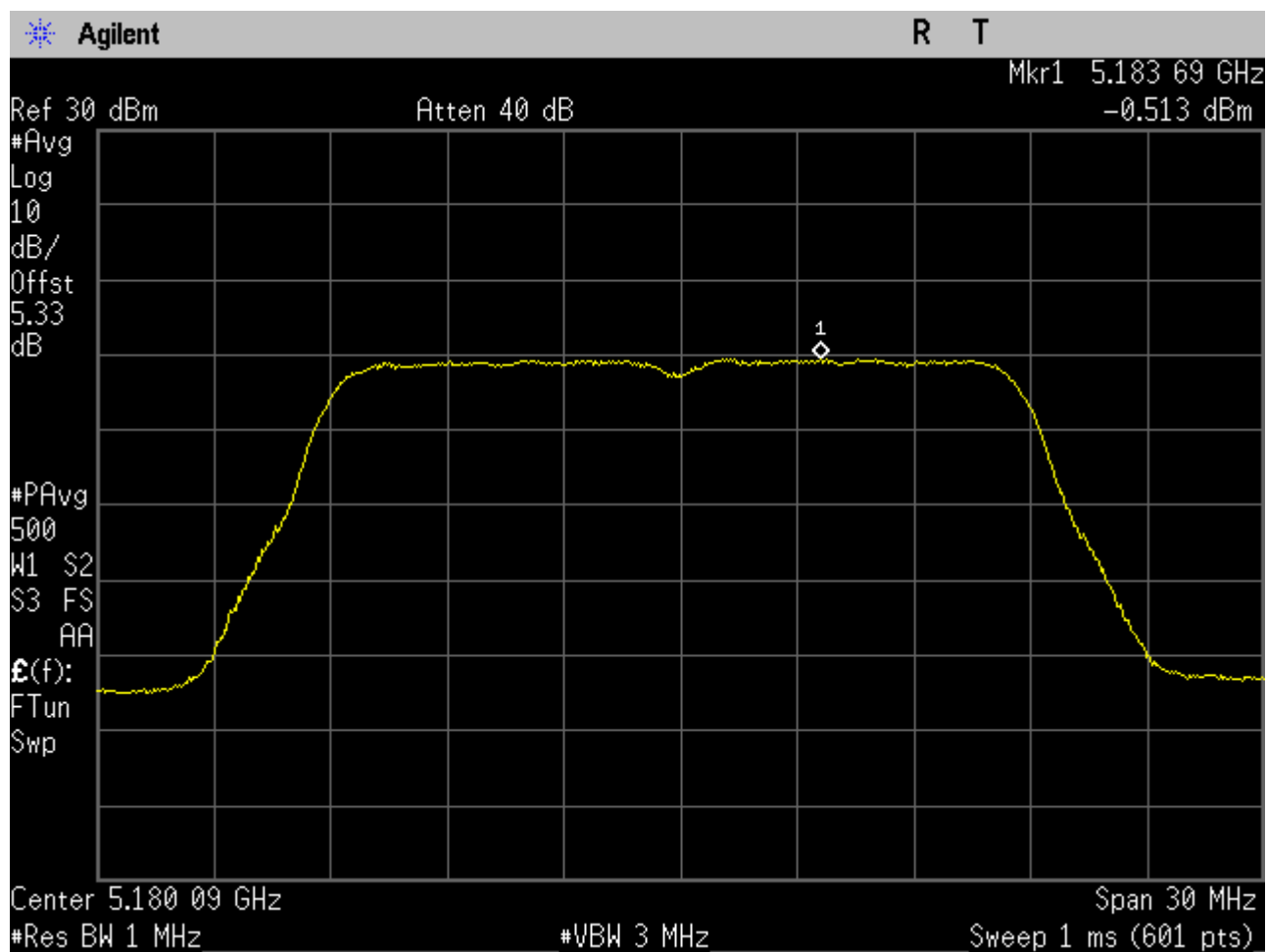


6.9 11N20M_36 Ant 1



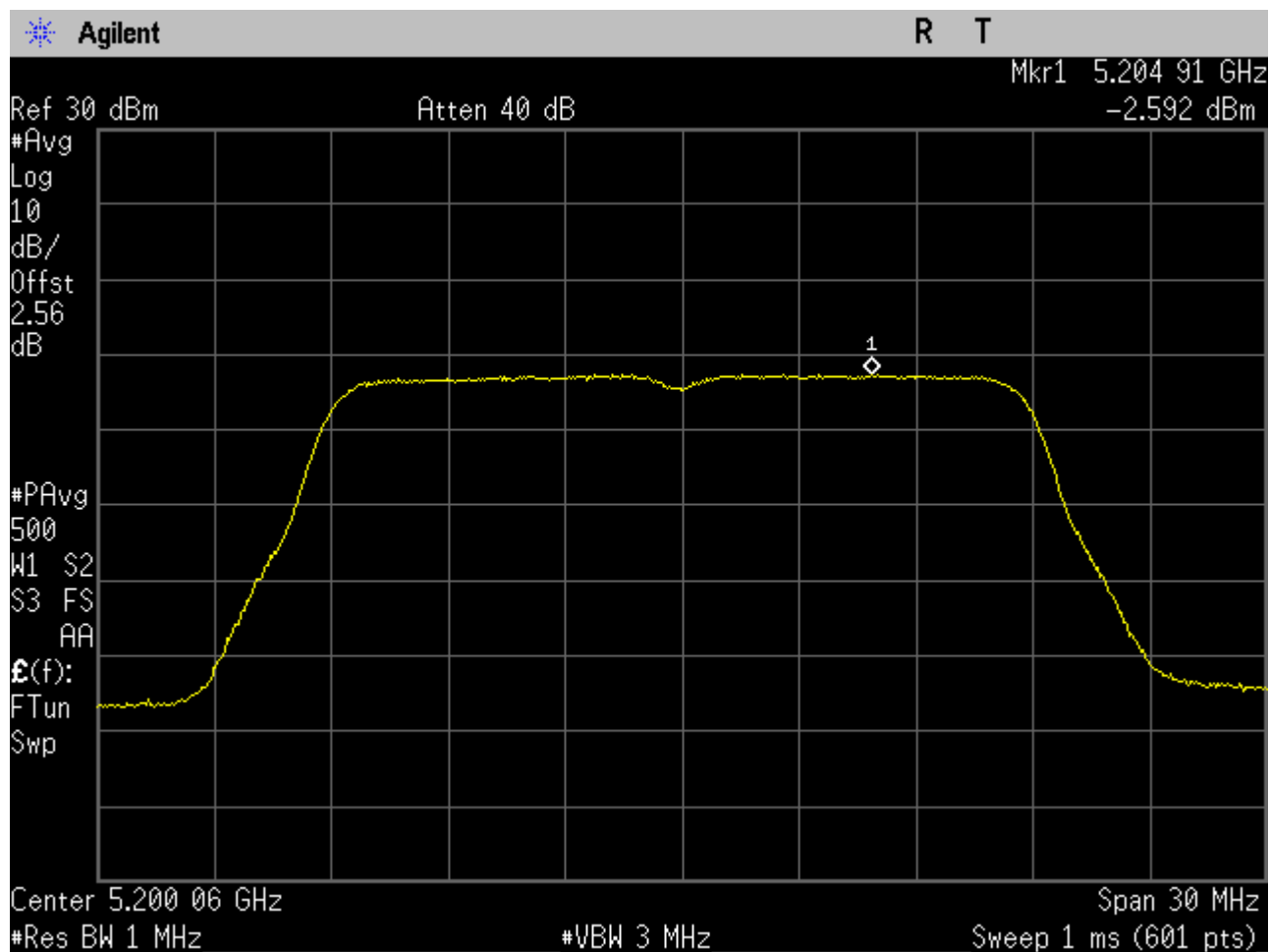


6.1011N20M_36 Ant 2

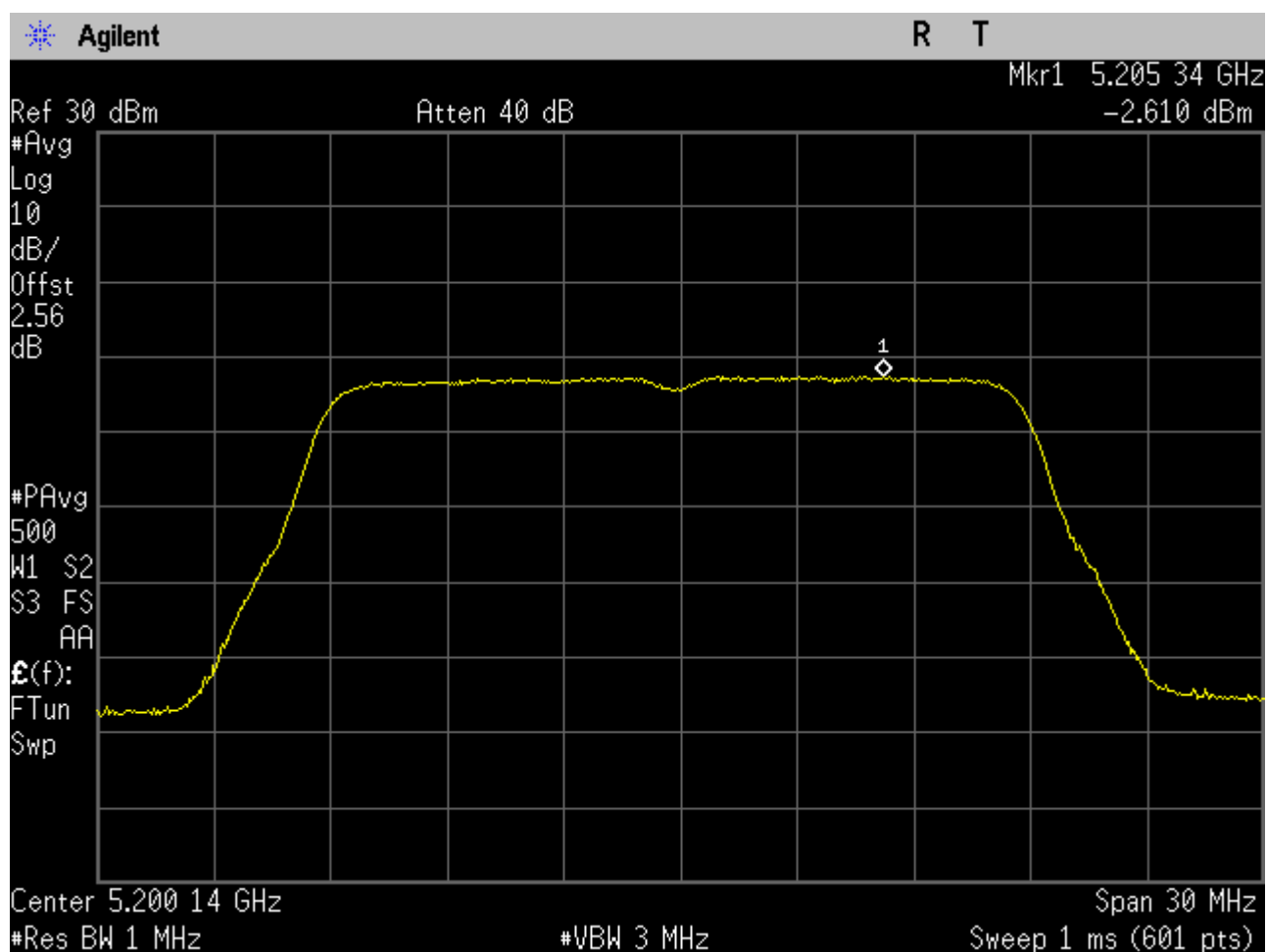




6.1111N20_40 Ant 1

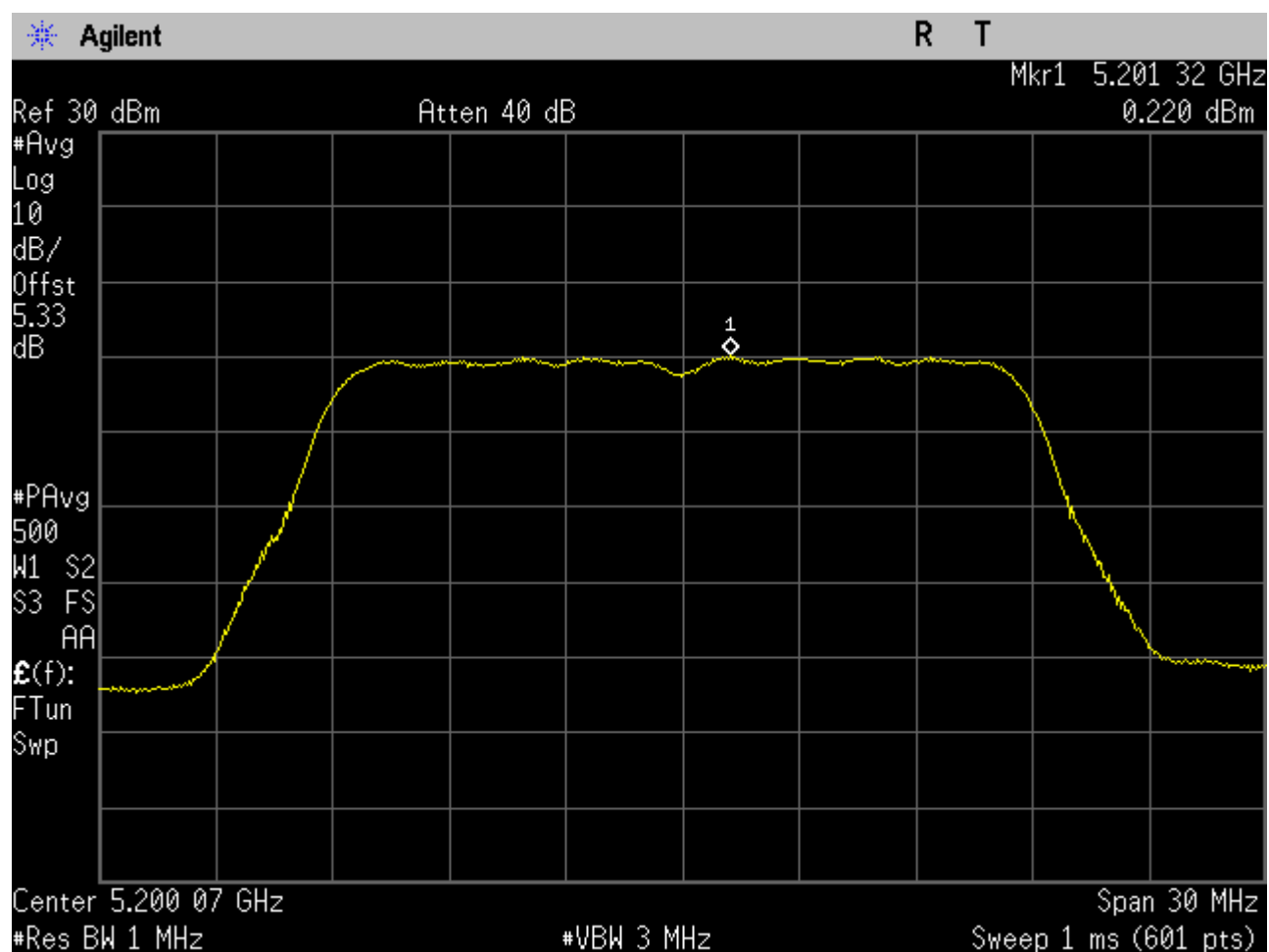


6.1211N20_40 Ant 2



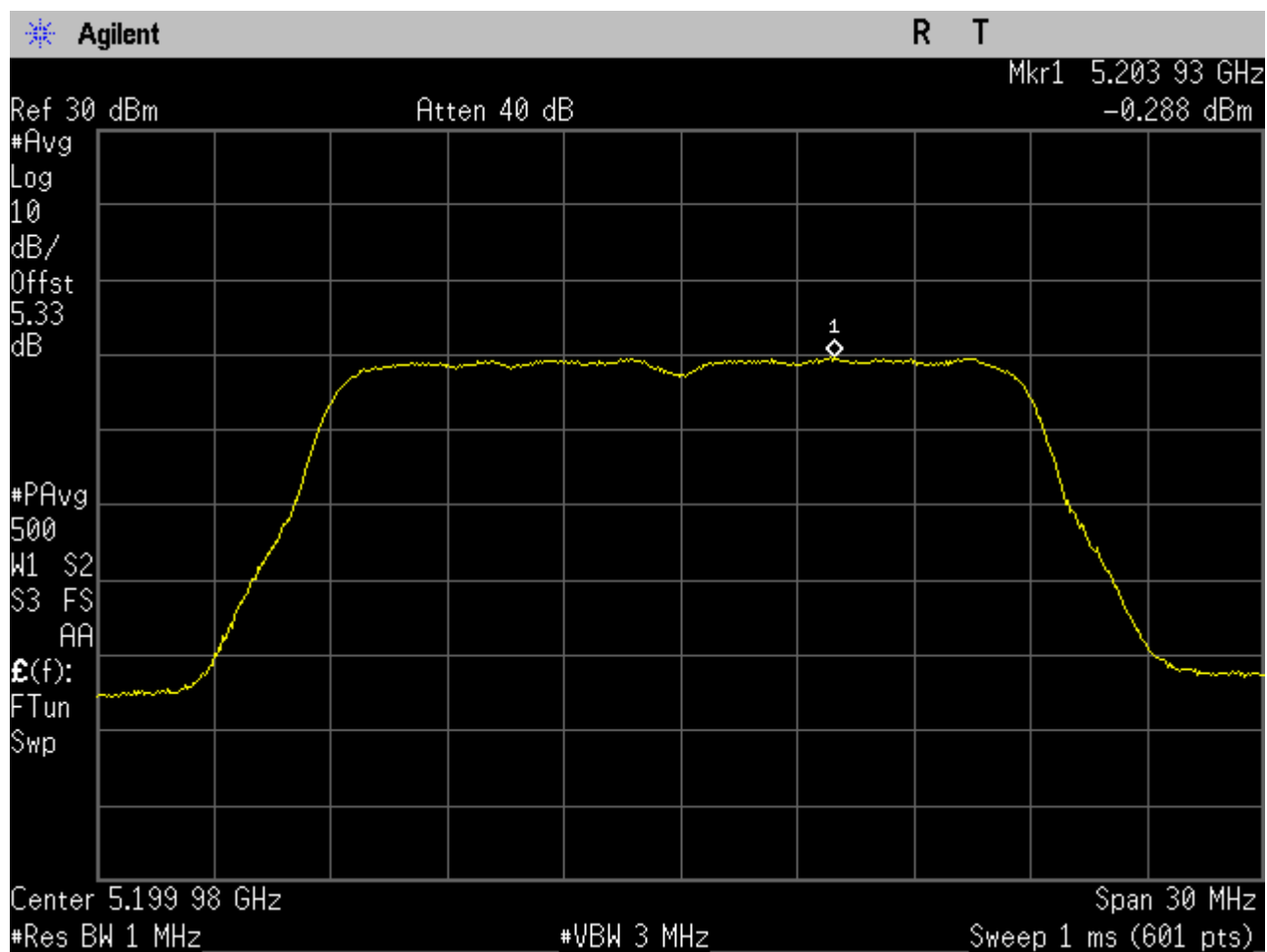


6.1311N20M_40 Ant 1

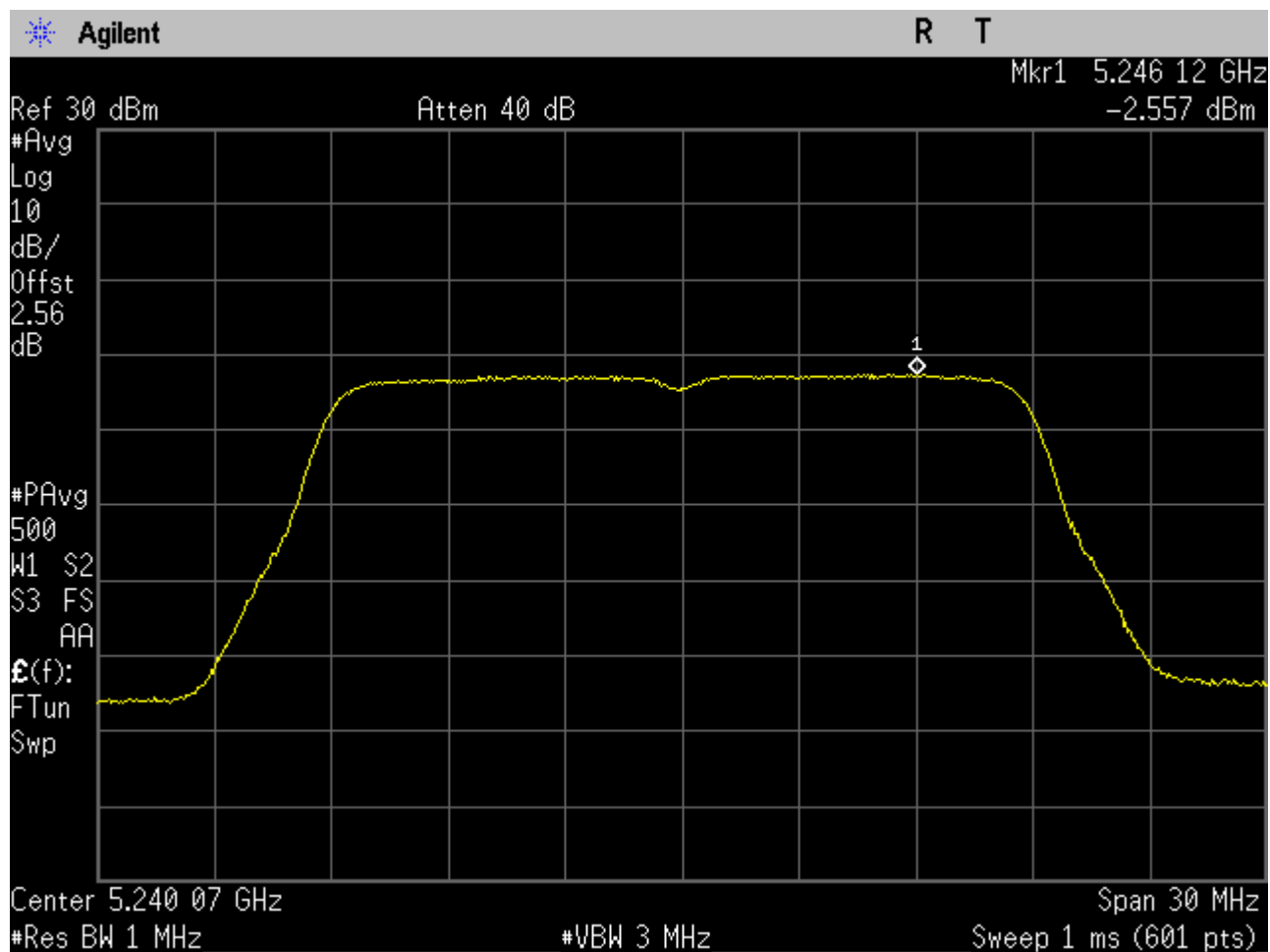




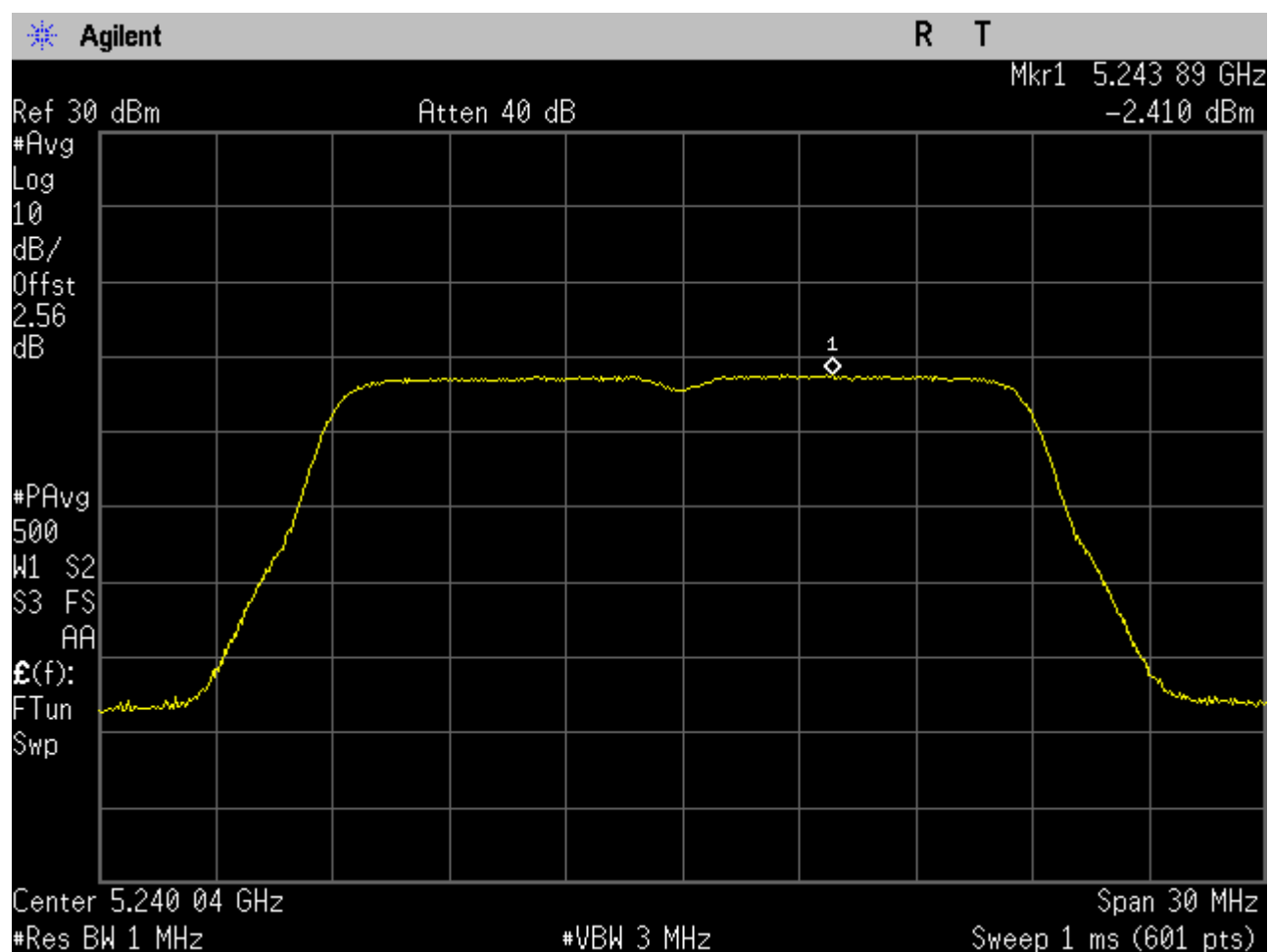
6.1411N20M_40 Ant 2



6.1511N20_48 Ant 1

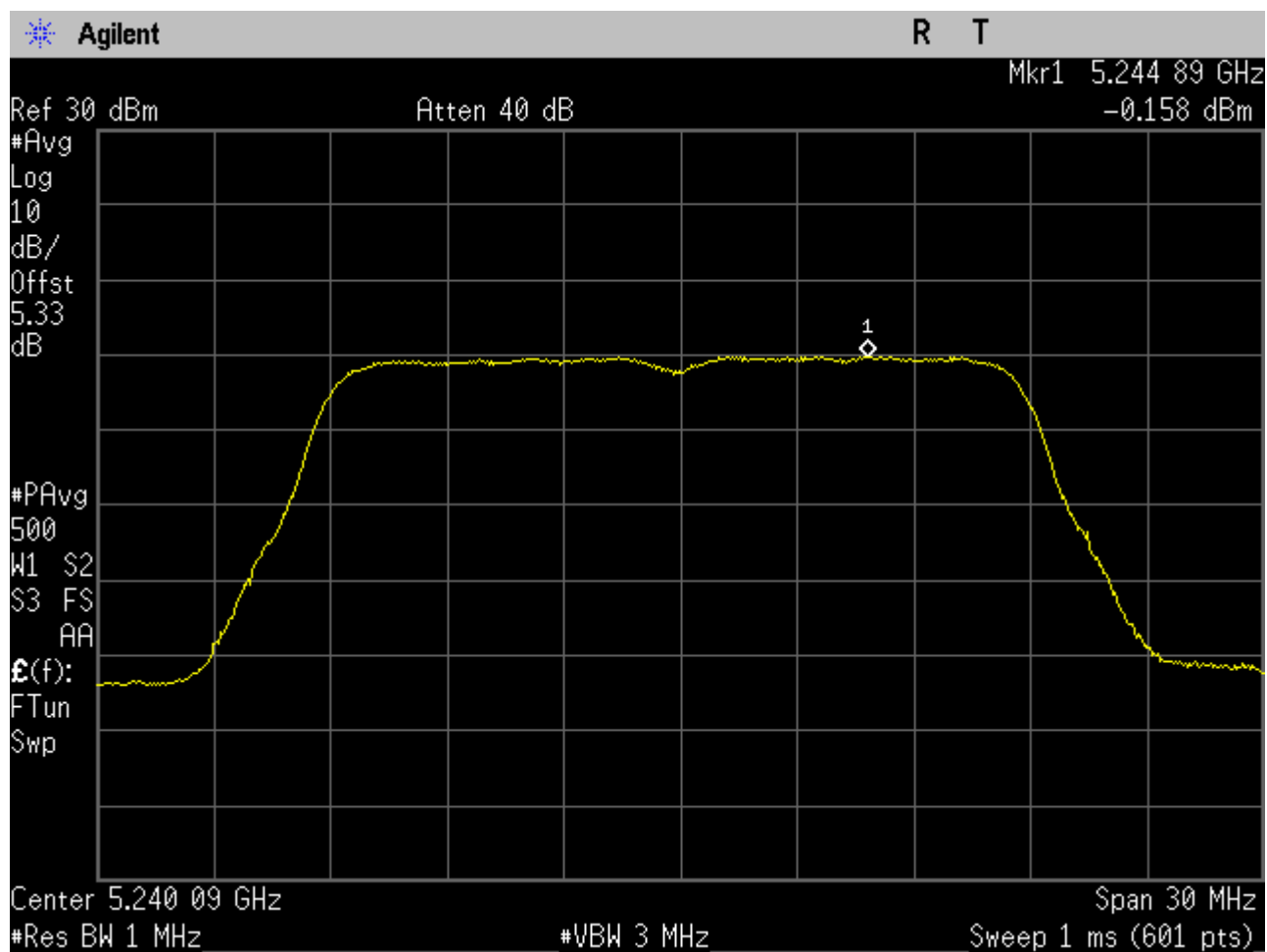


6.1611N20_48 Ant 2



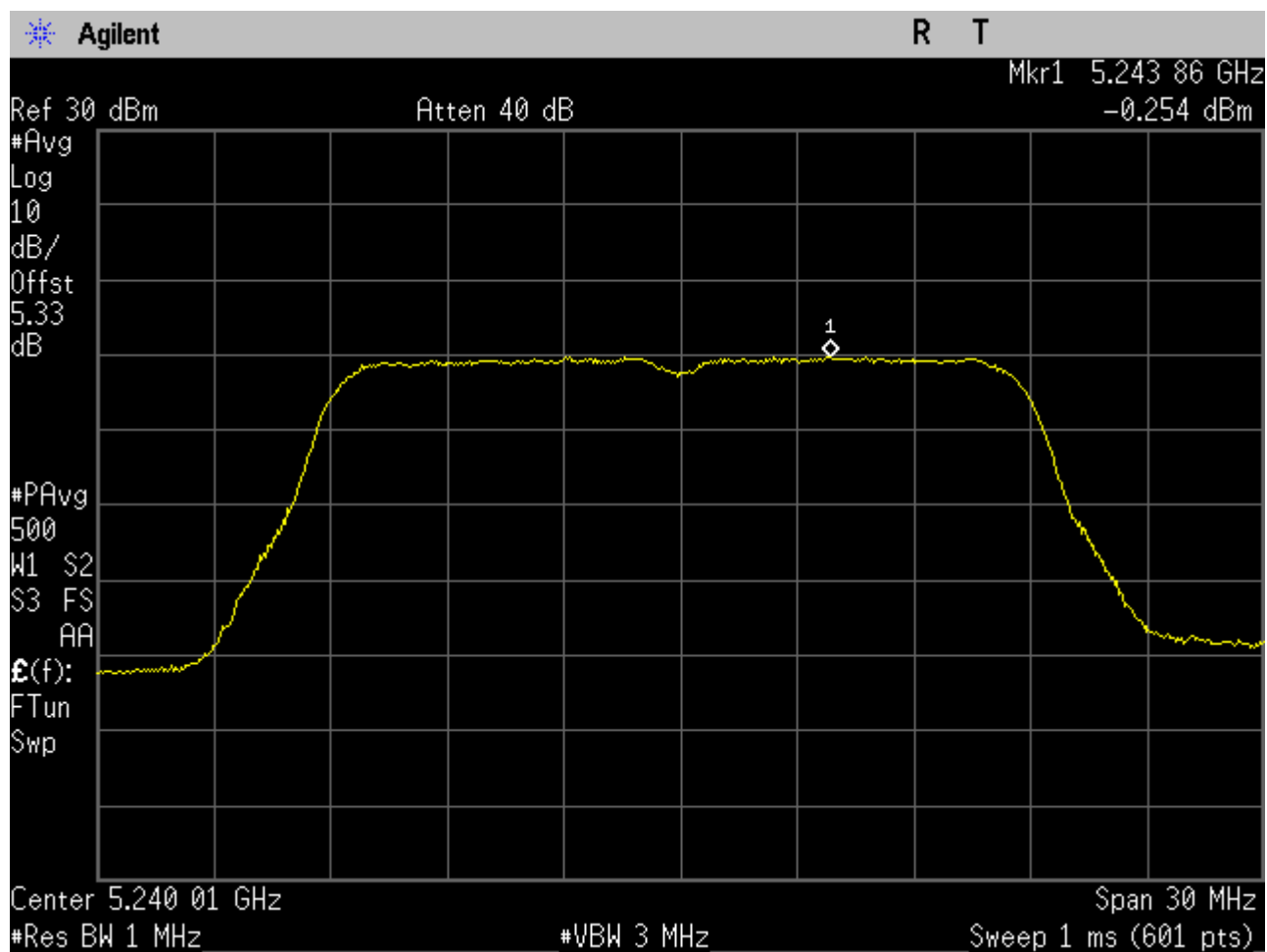


6.1711N20M_48 Ant 1

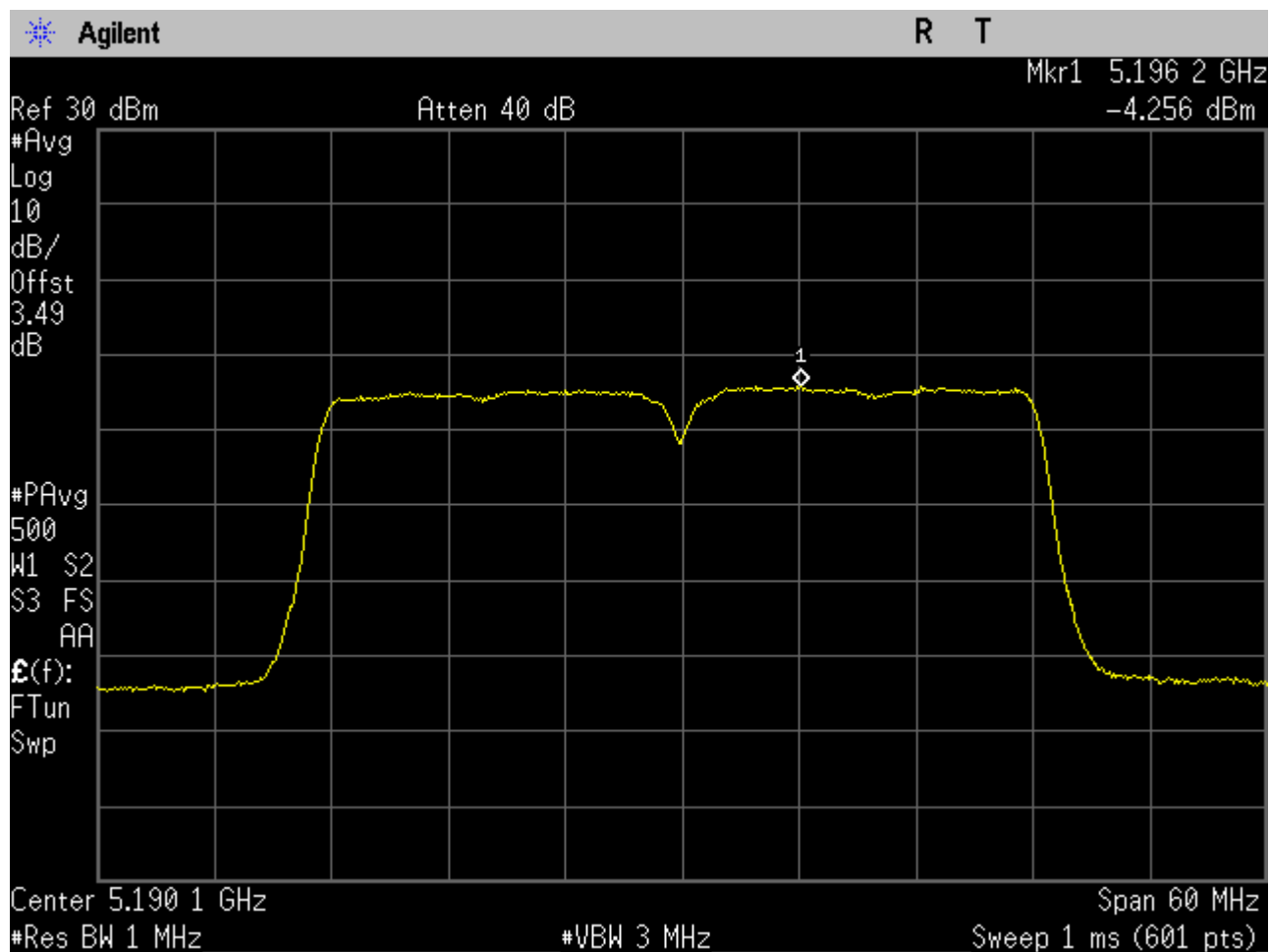




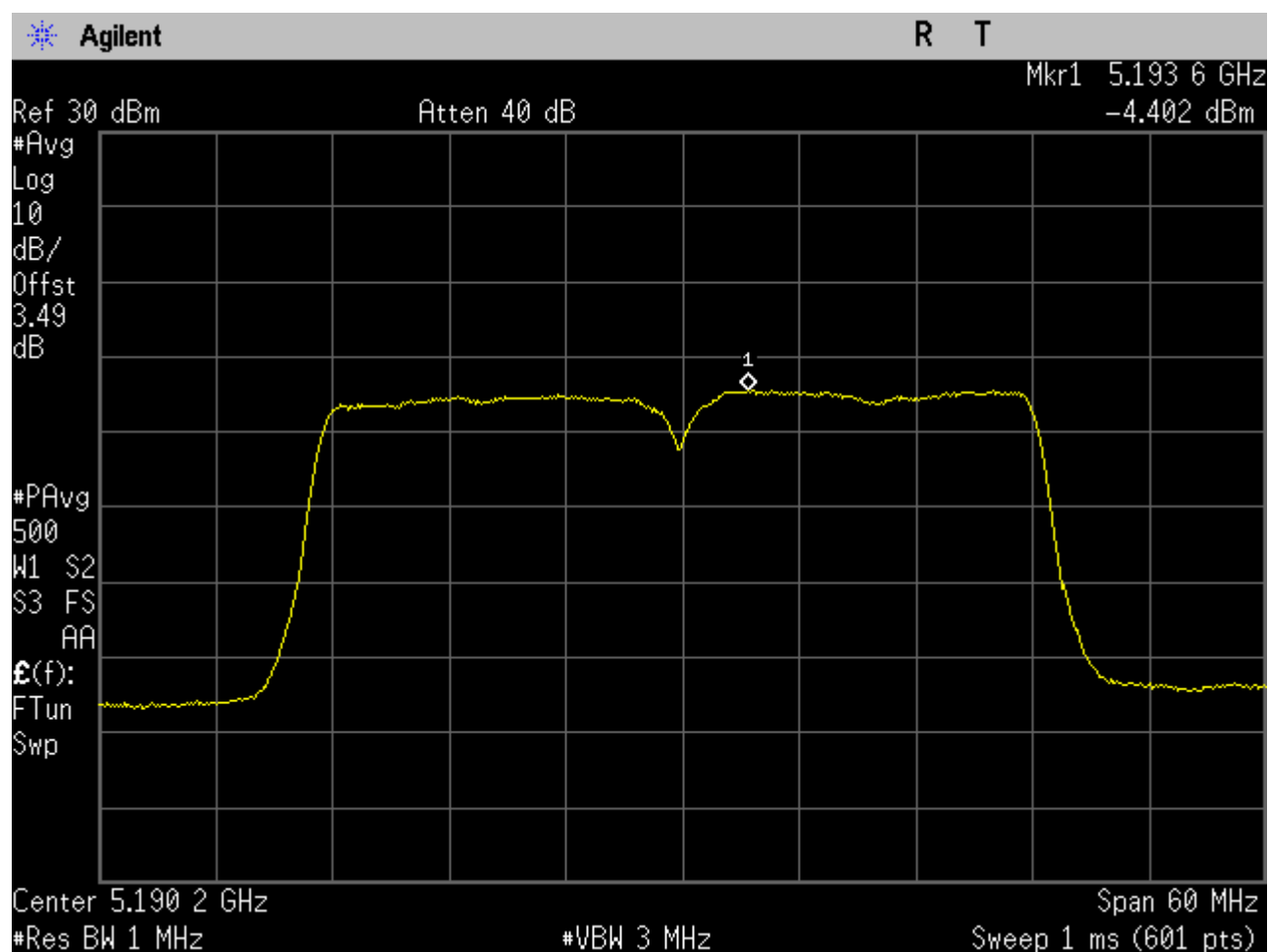
6.1811N20M_48 Ant 2



6.1911N40_38 Ant 1

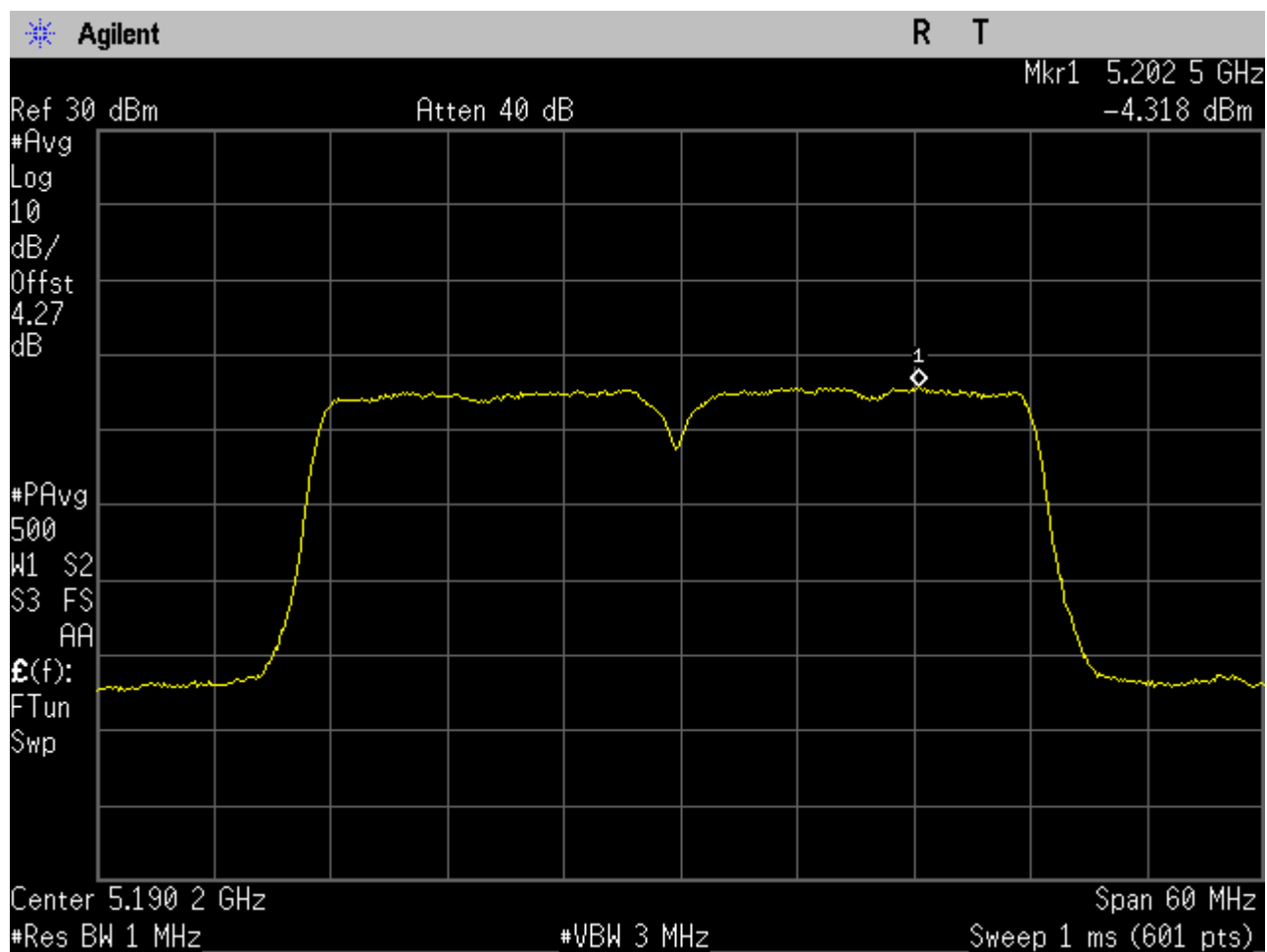


6.2011N40_38 Ant 2



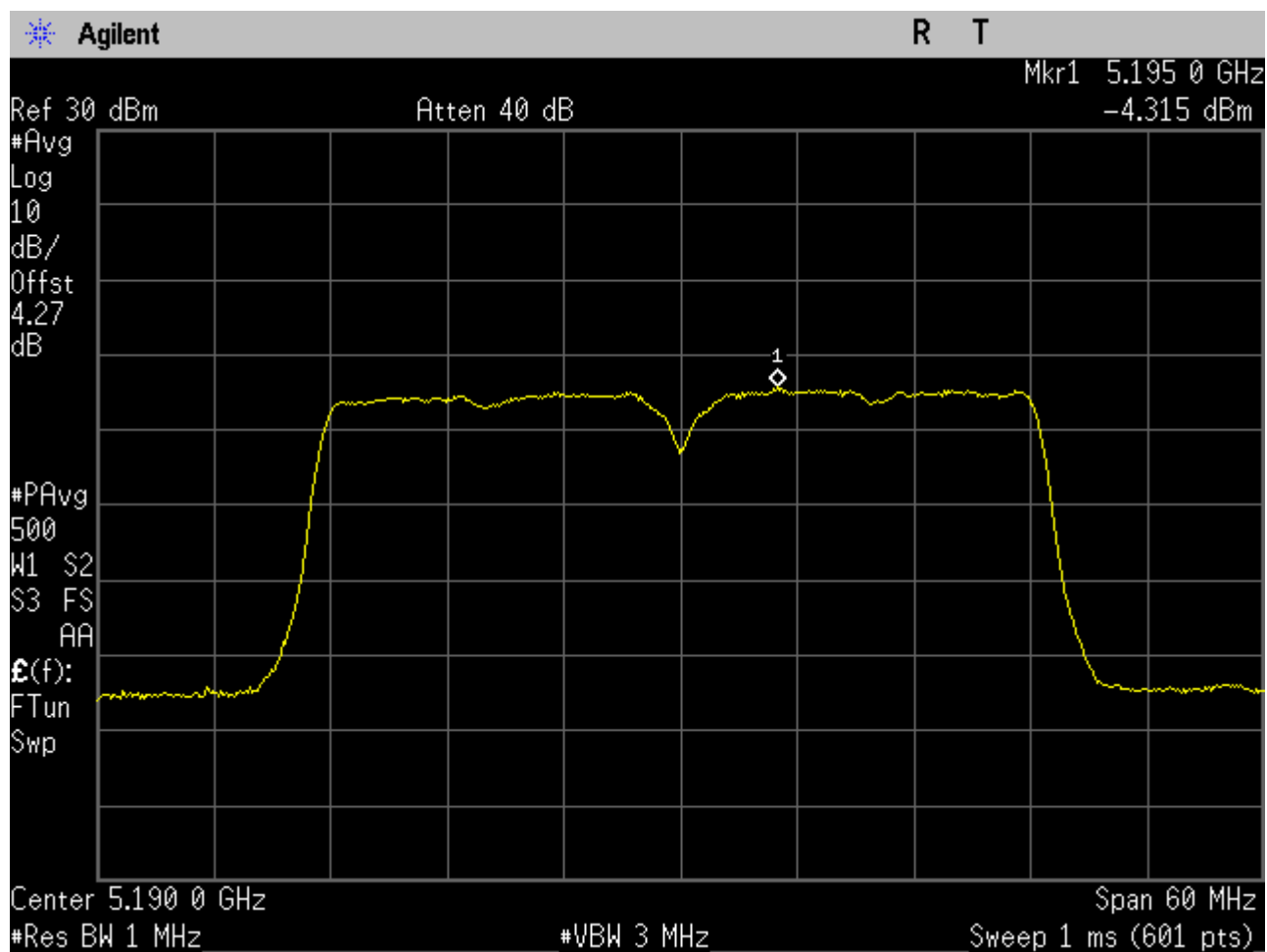


6.2111N40M_38 Ant 1

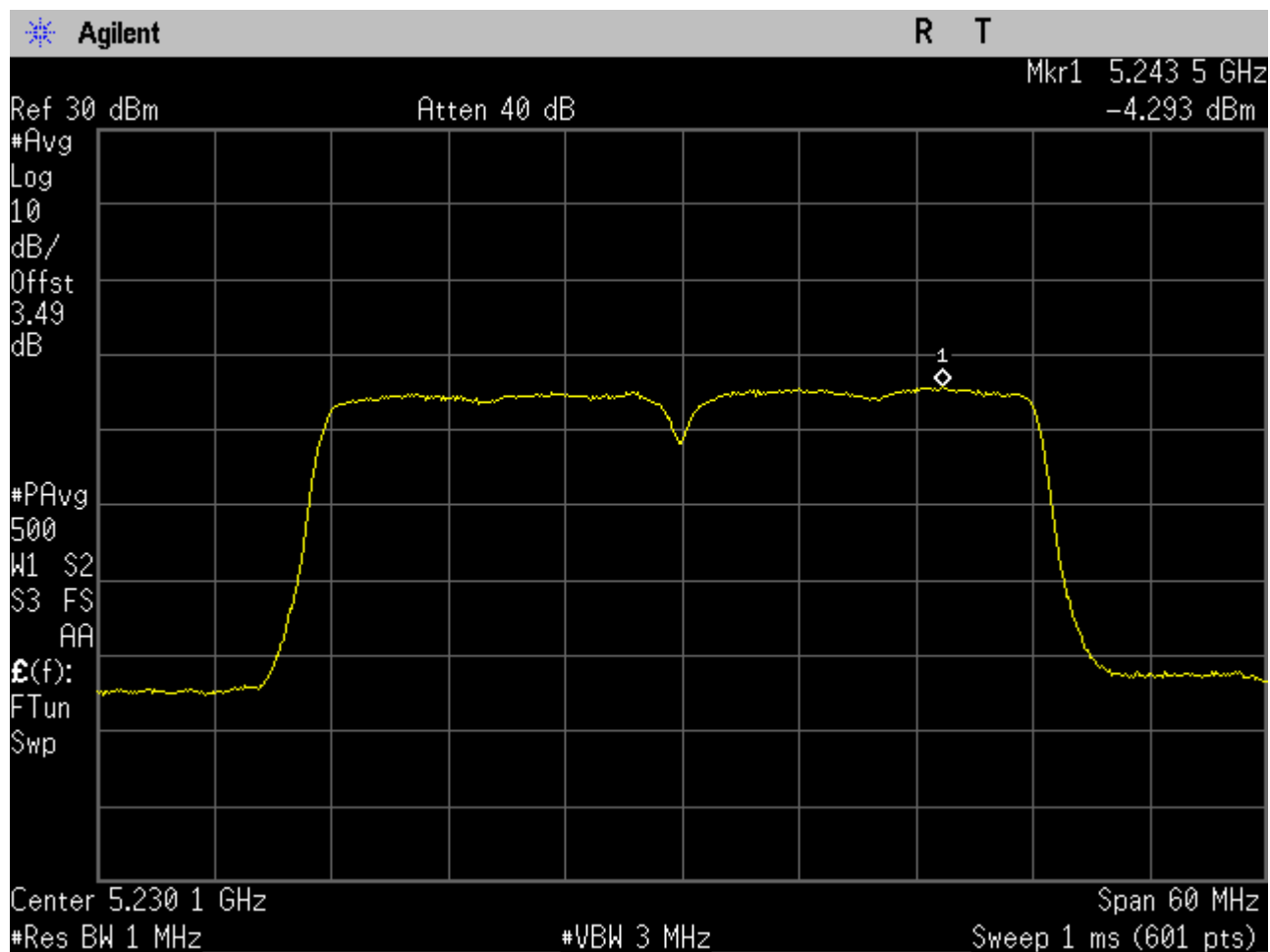




6.2211N40M_38 Ant 2

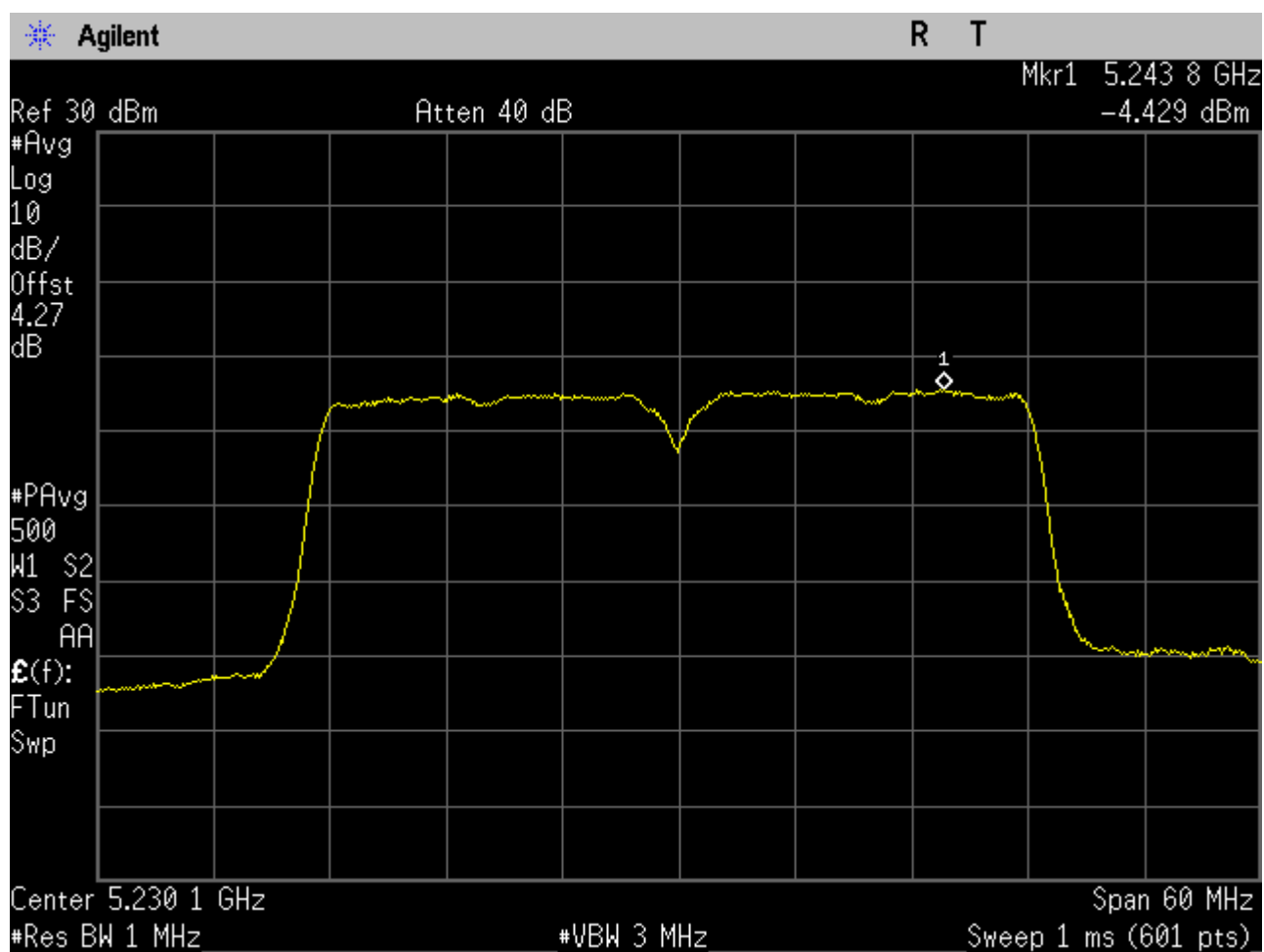


6.2311N40_46 Ant 1



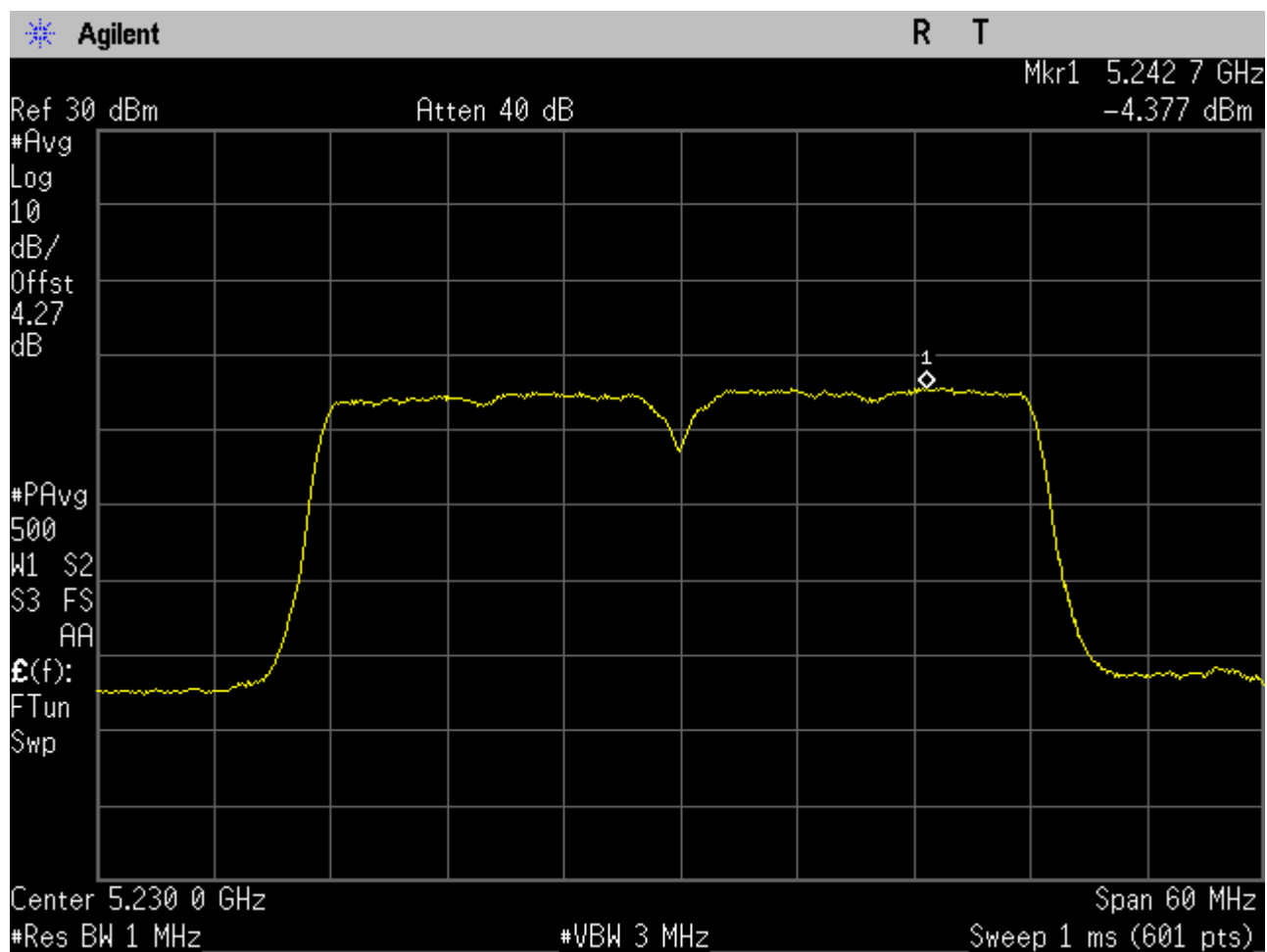


6.2411N40_46 Ant 2

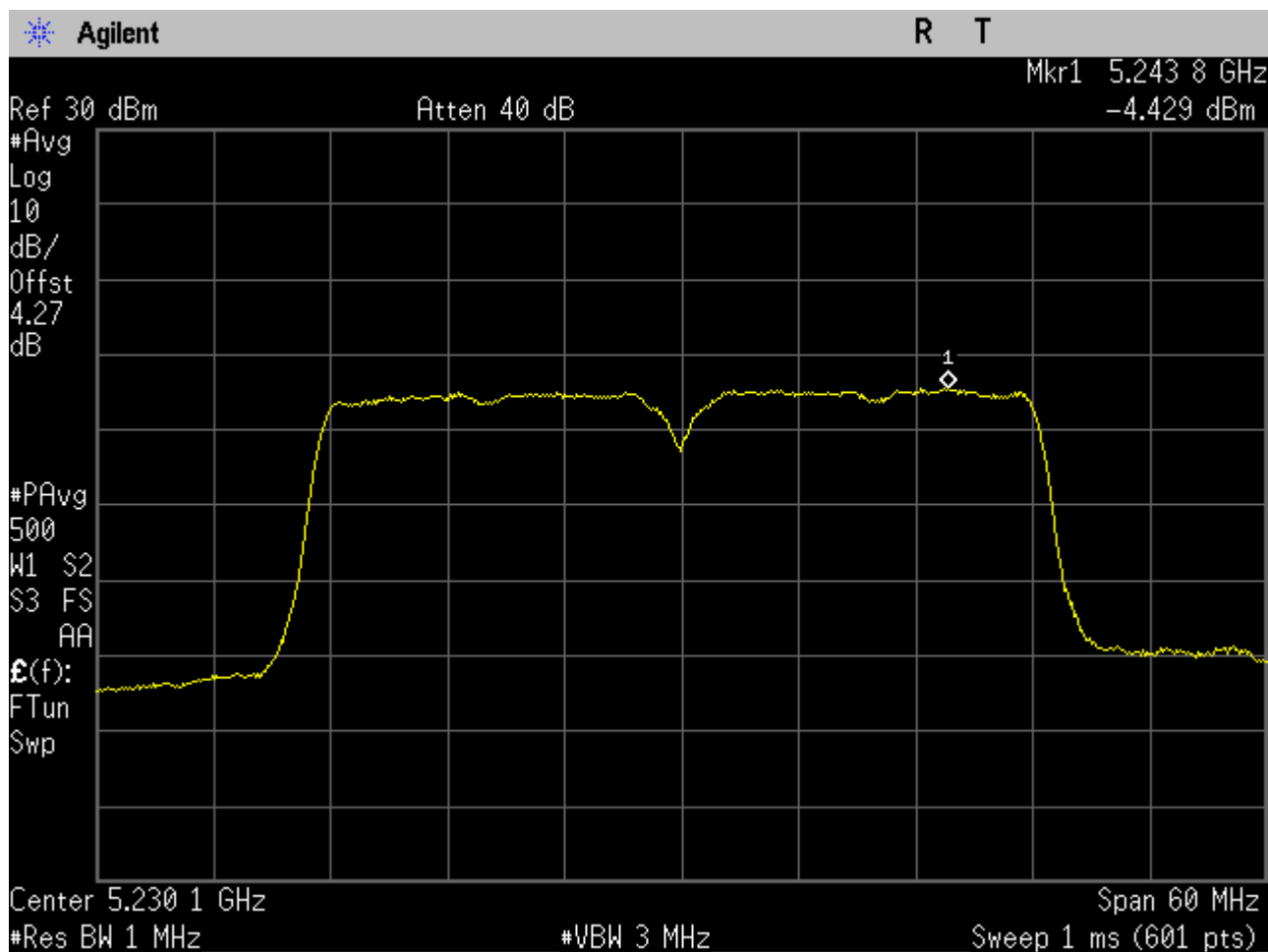




6.2511N40M_46 Ant 1

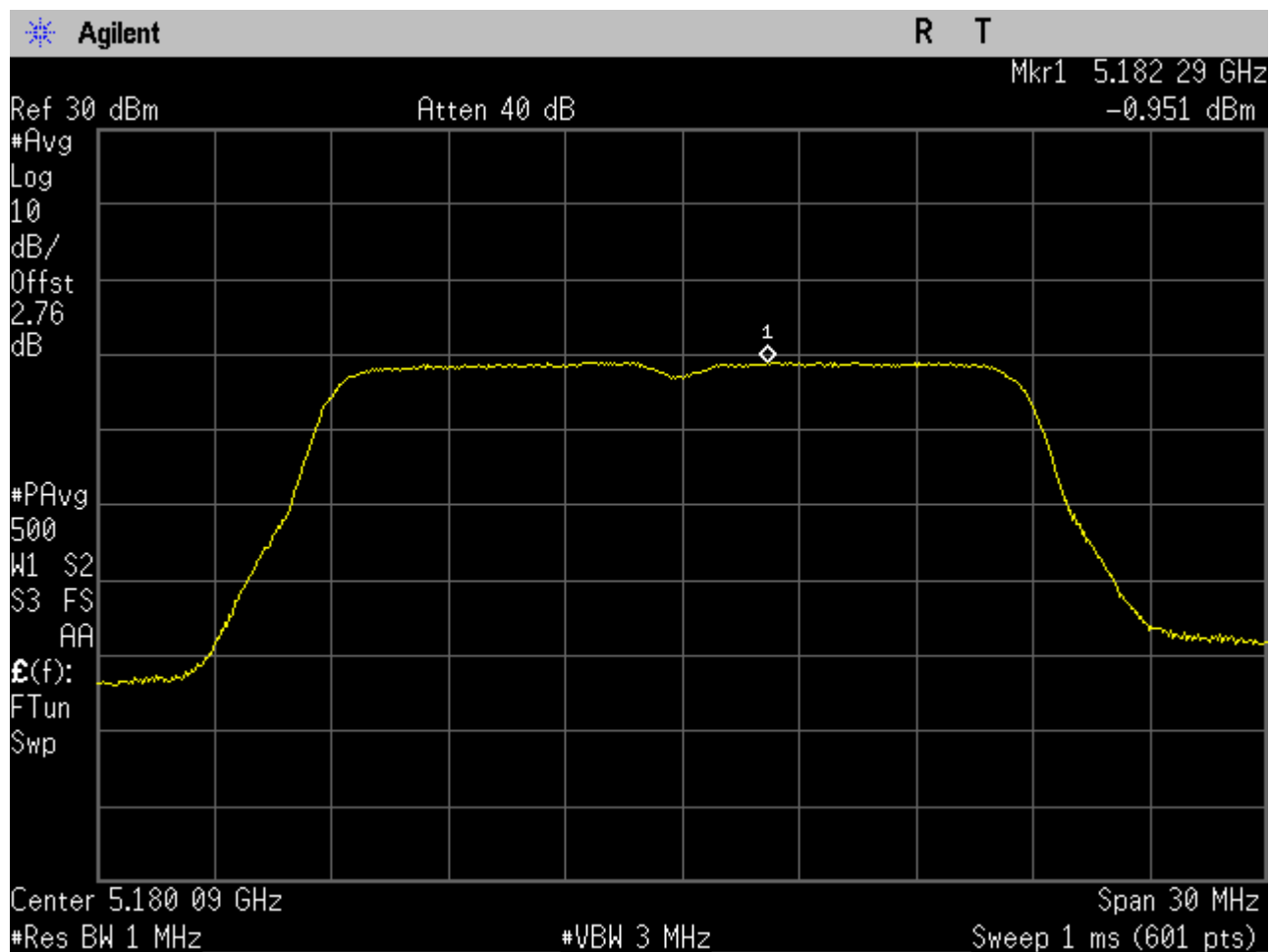


6.2611N40M_46 Ant 2



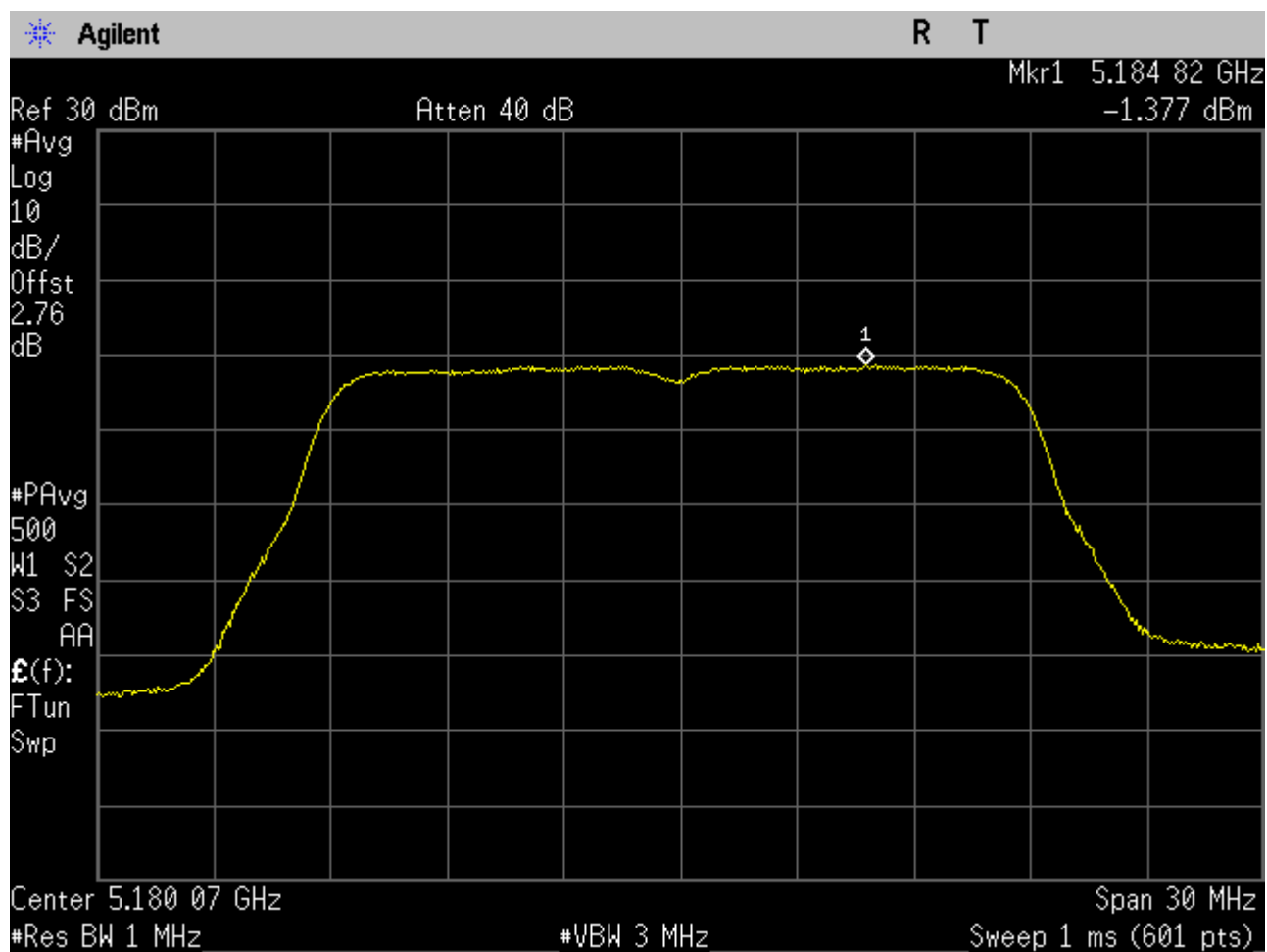


6.2711AC20_36 Ant 1

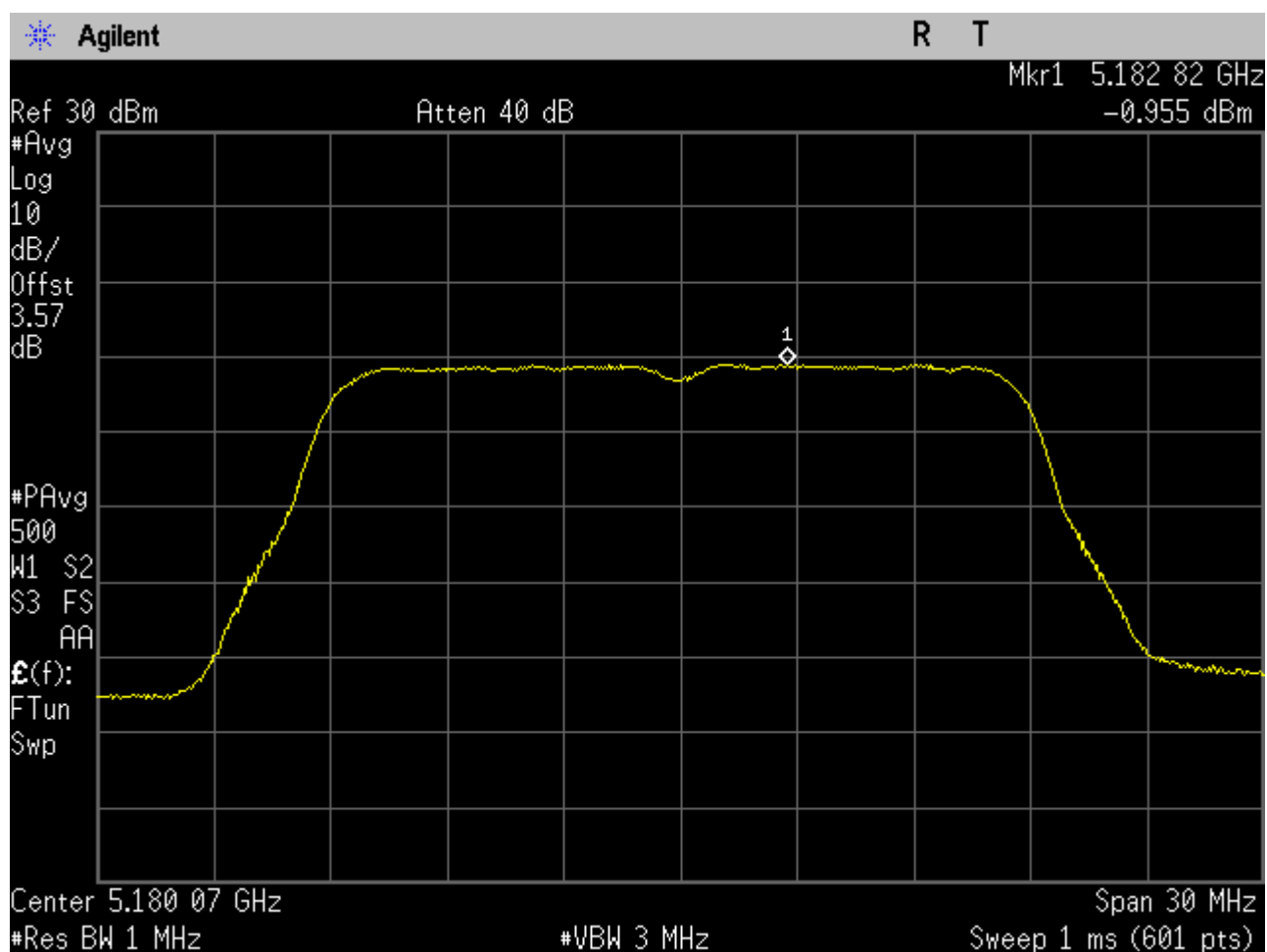




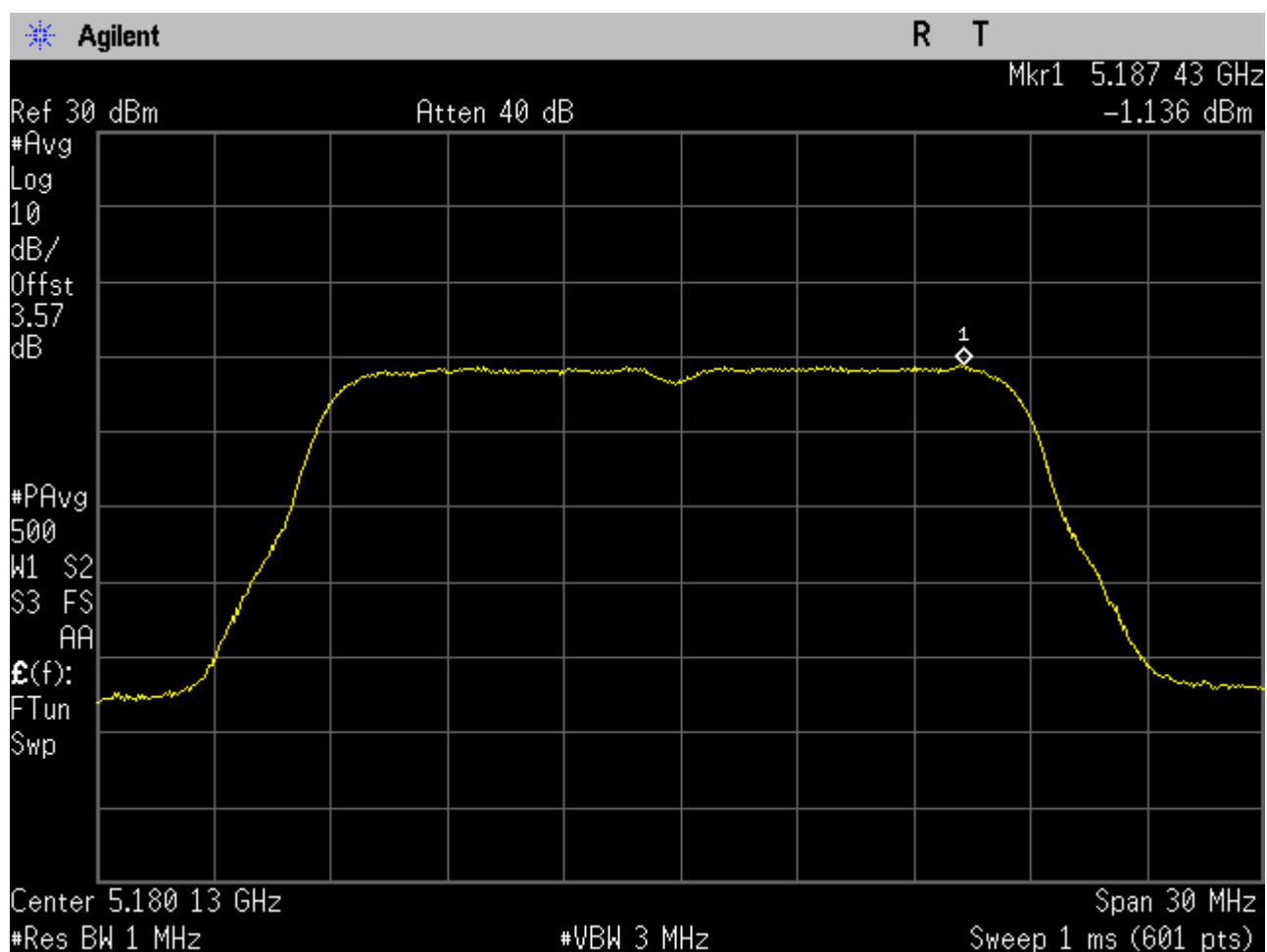
6.2811AC20_36 Ant 2



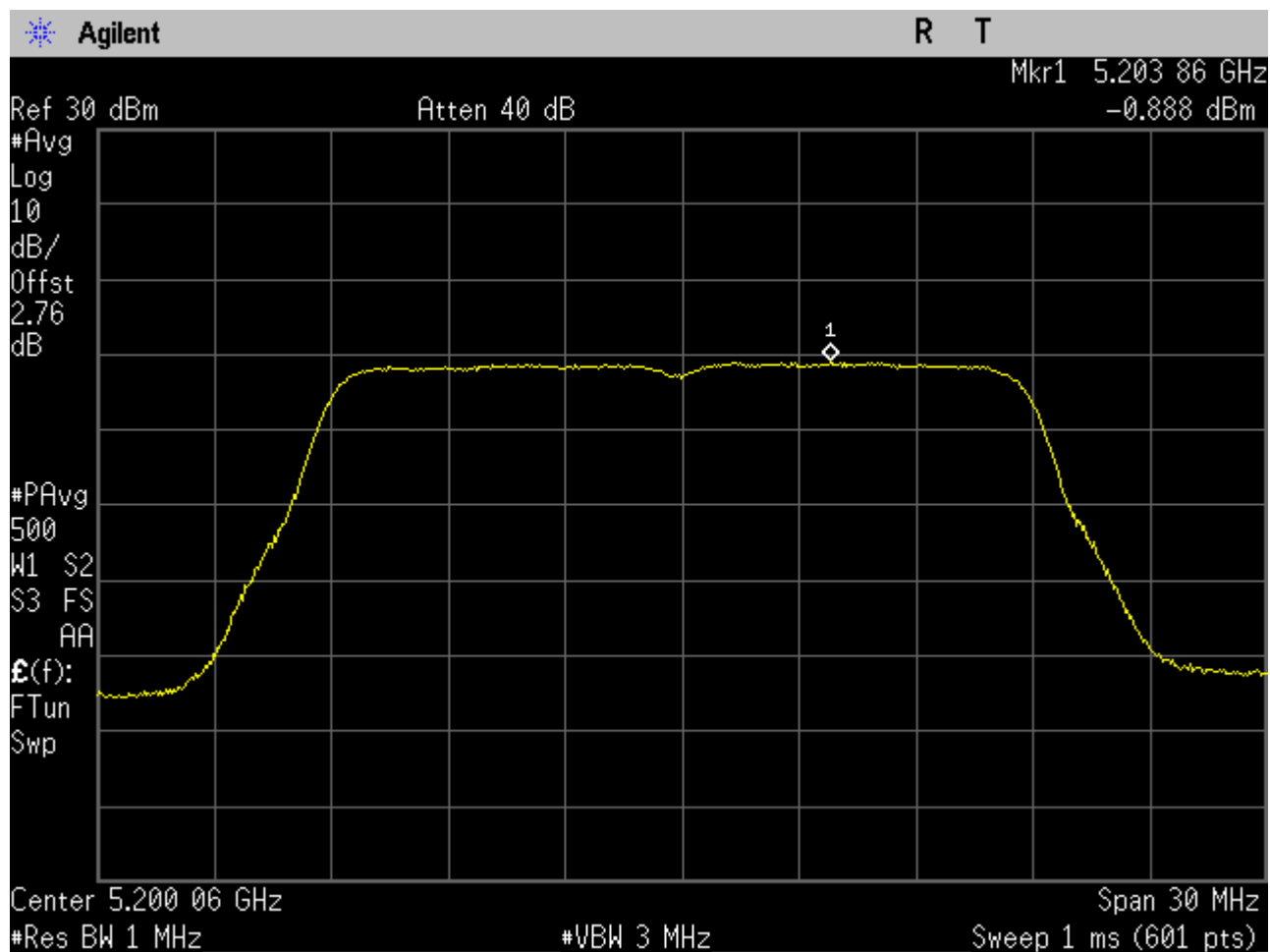
6.2911AC20M_36 Ant 1



6.3011AC20M_36 Ant 2

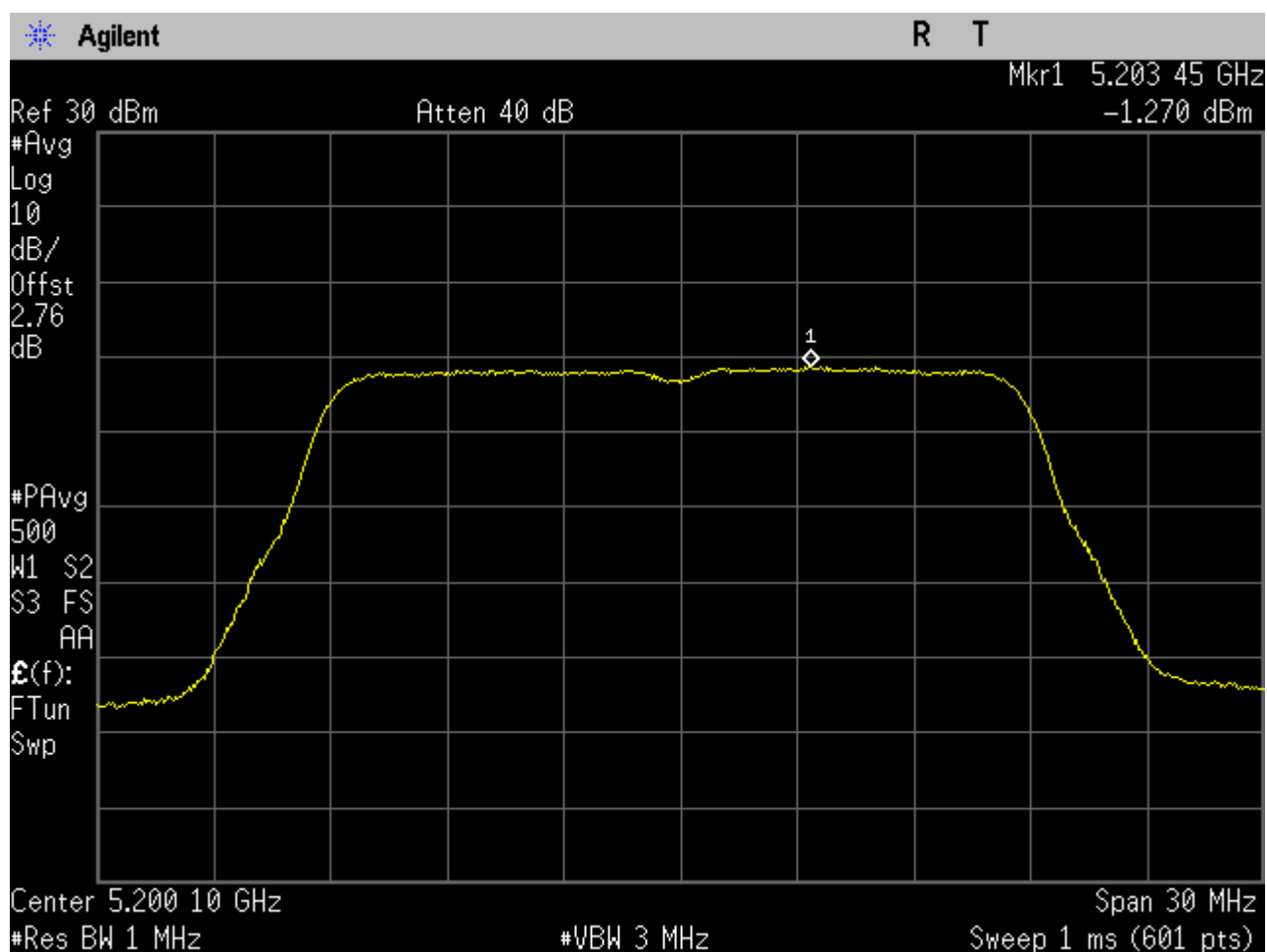


6.3111AC20_40 Ant 1



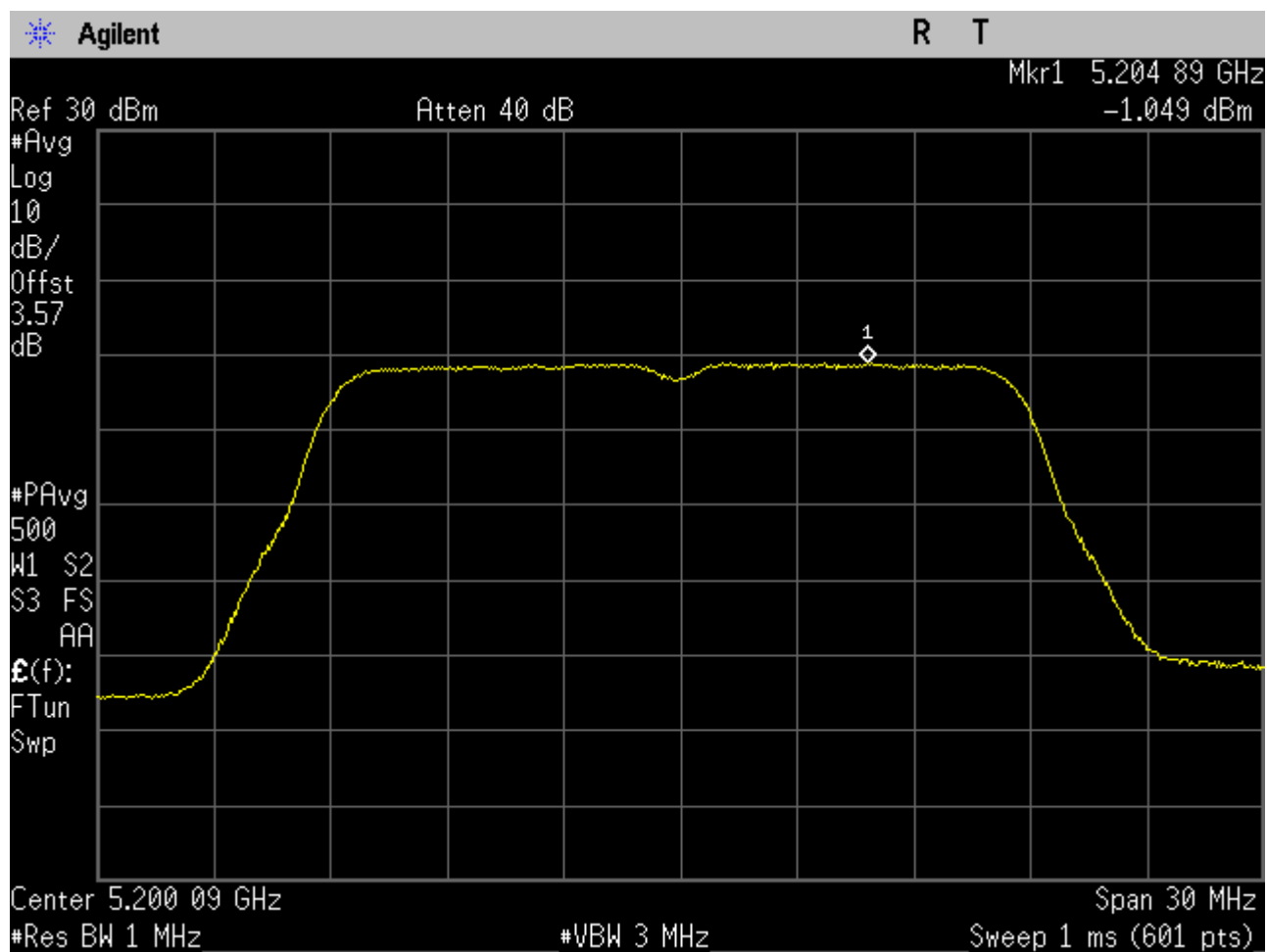


6.3211AC20_40 Ant 2



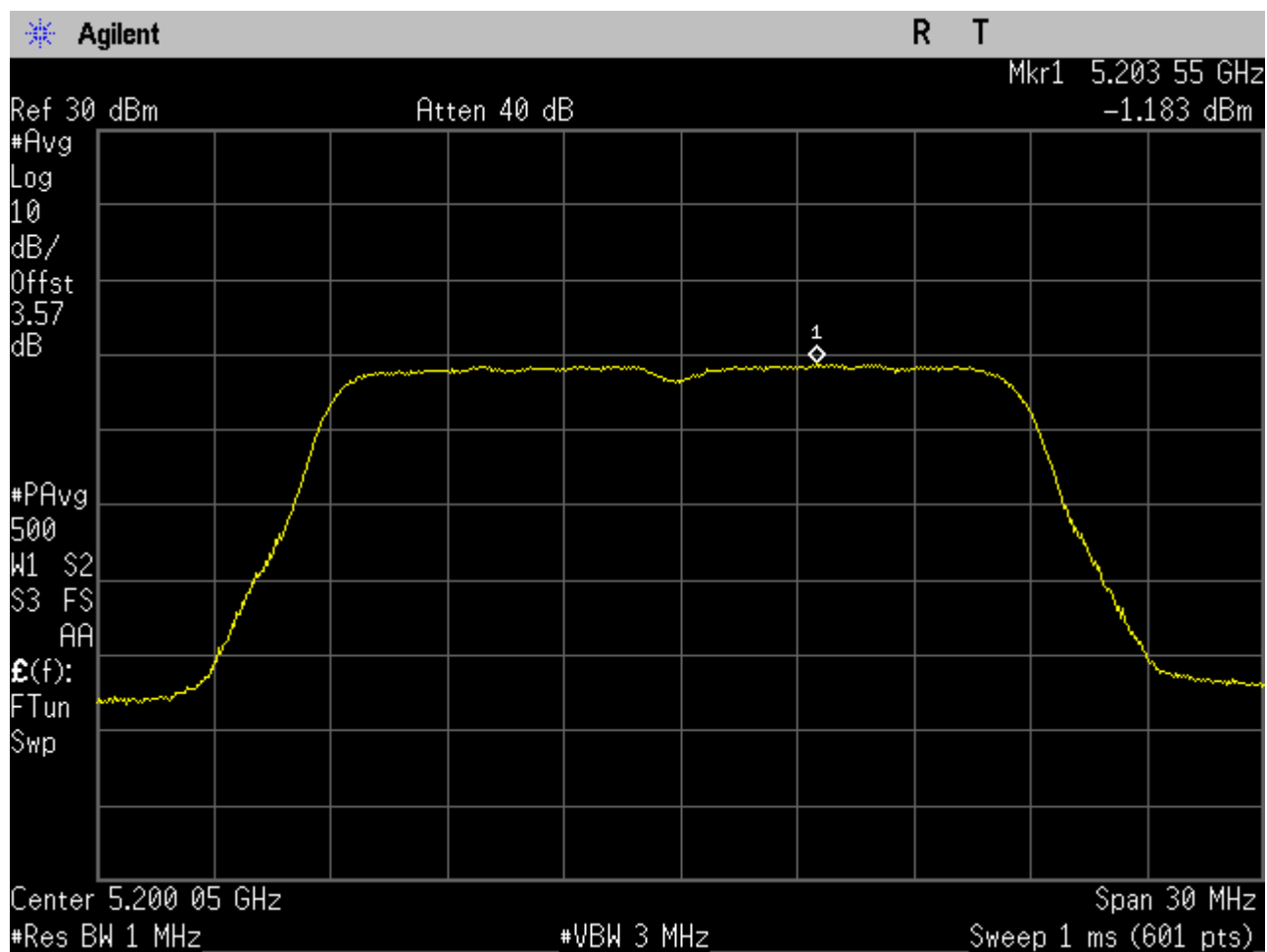


6.3311AC20M_40 Ant 1



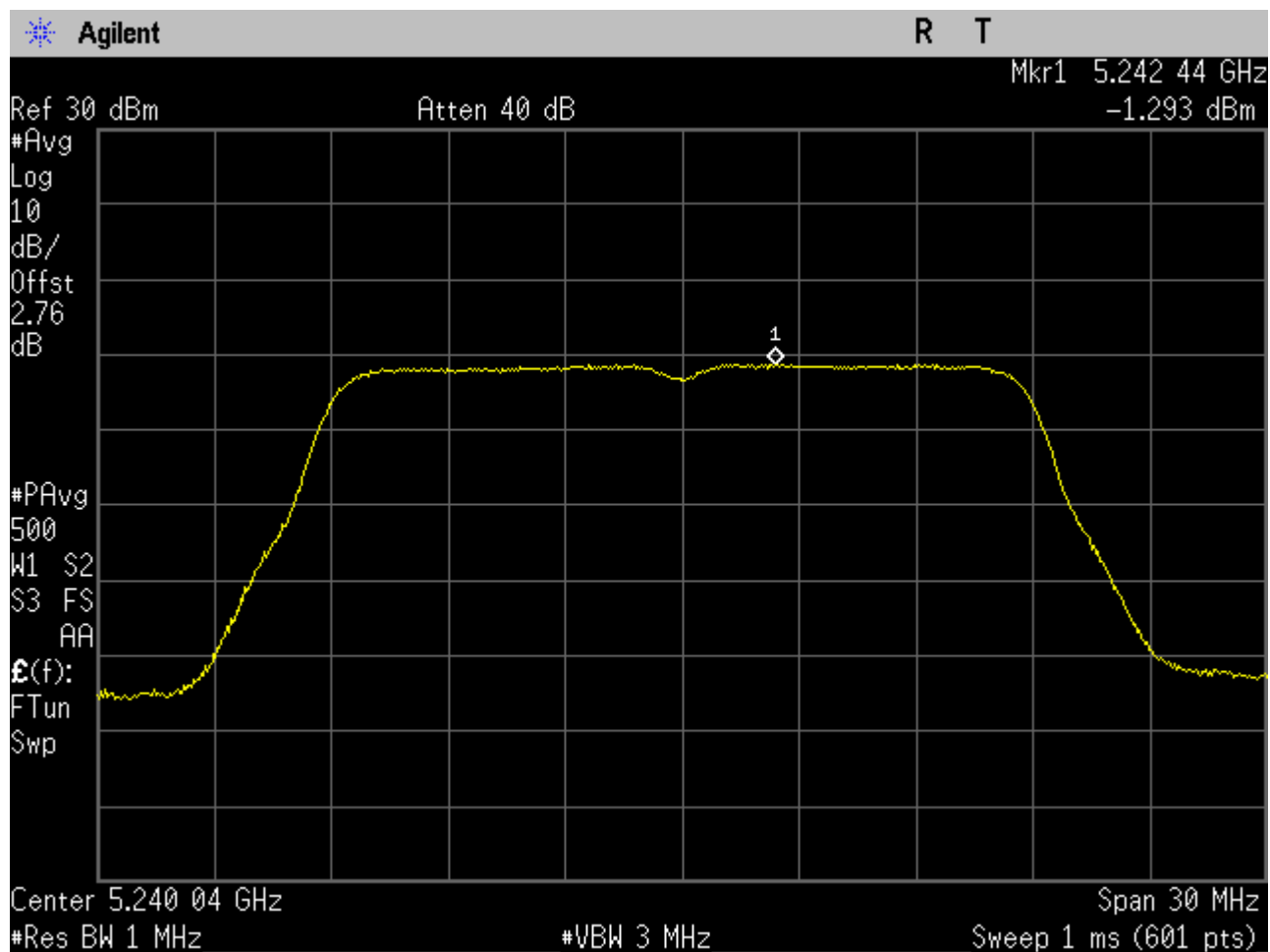


6.3411AC20M_40 Ant 2



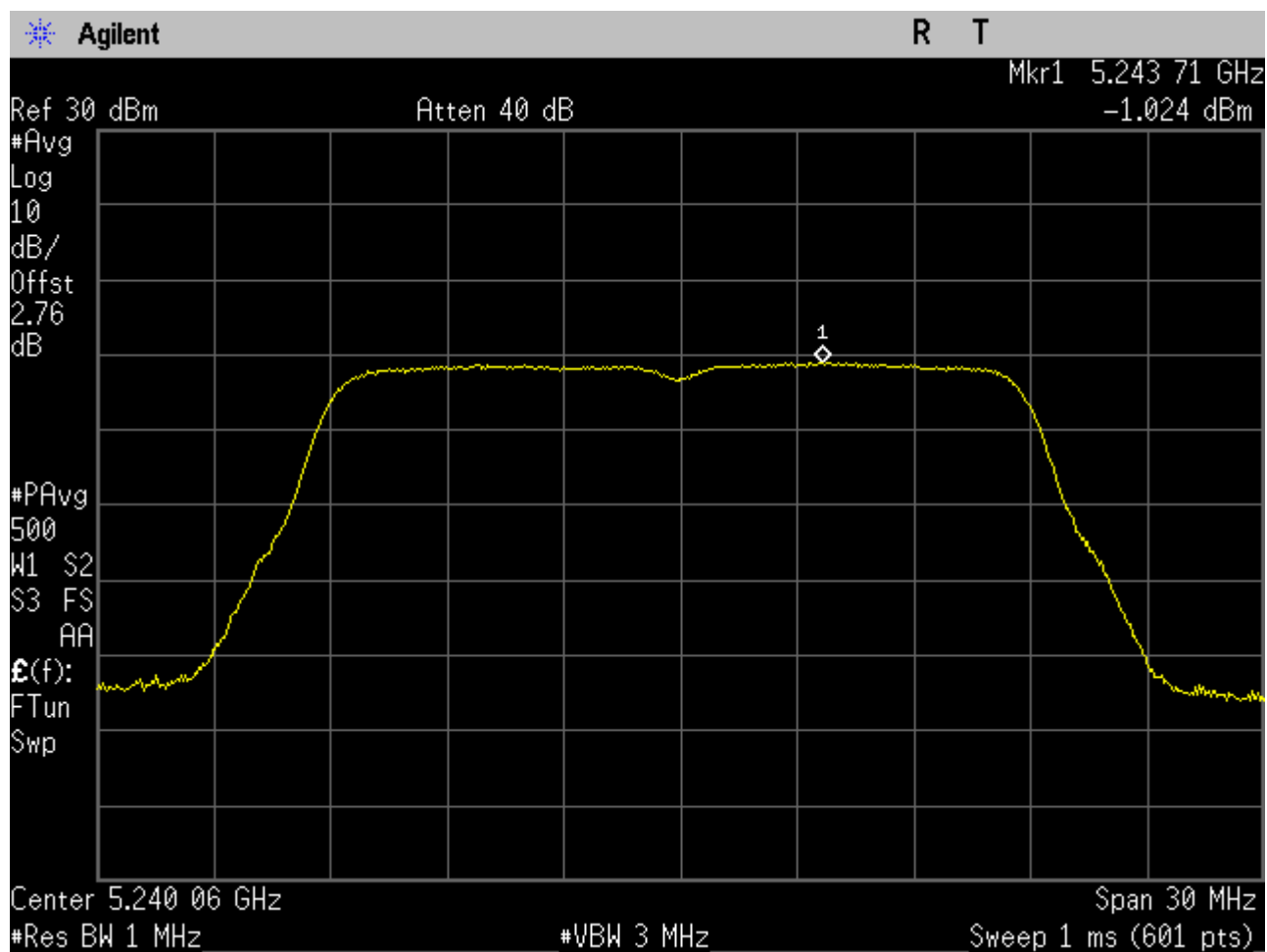


6.3511AC20_48 Ant 1



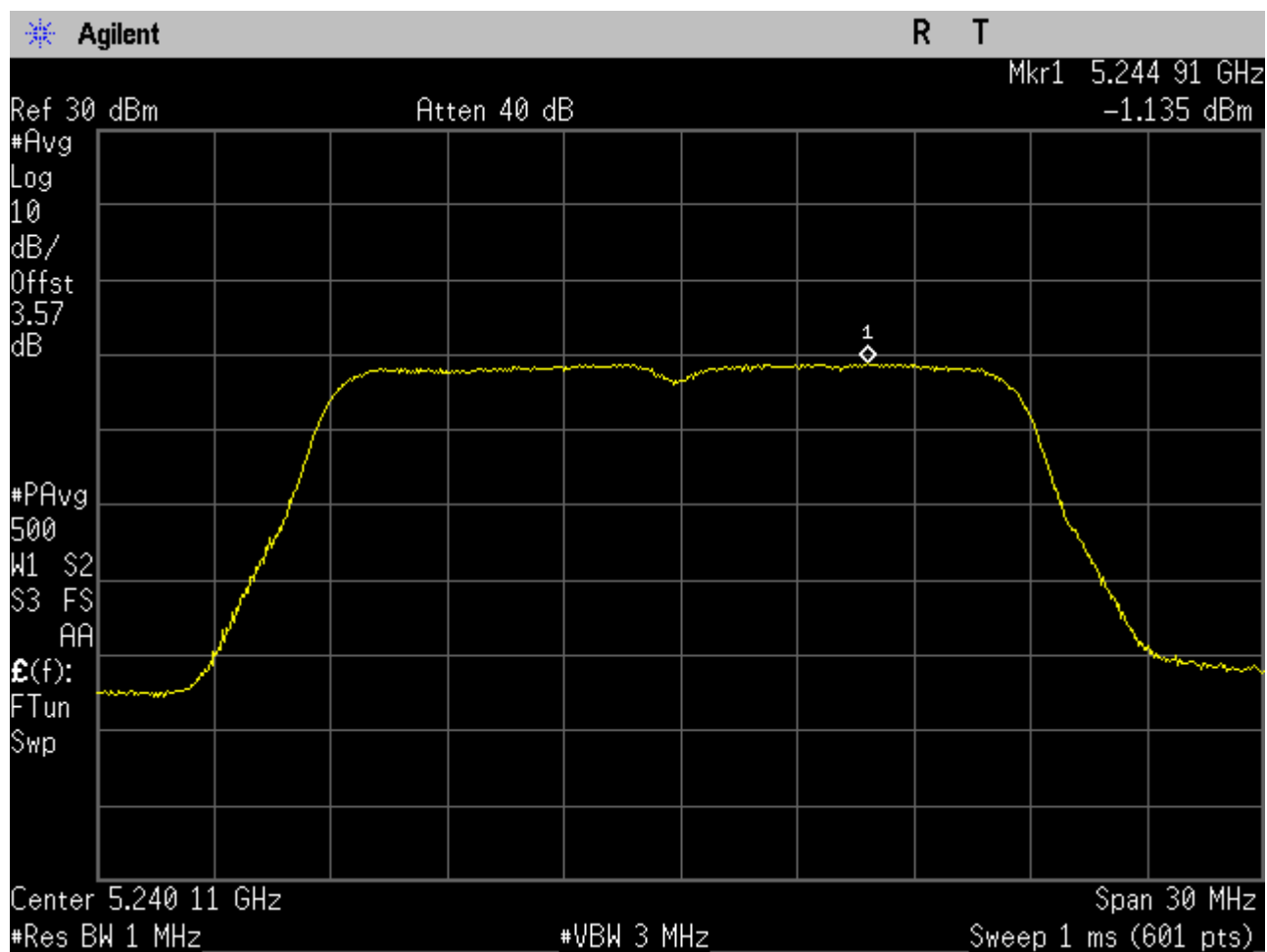


6.3611AC20_48 Ant 2



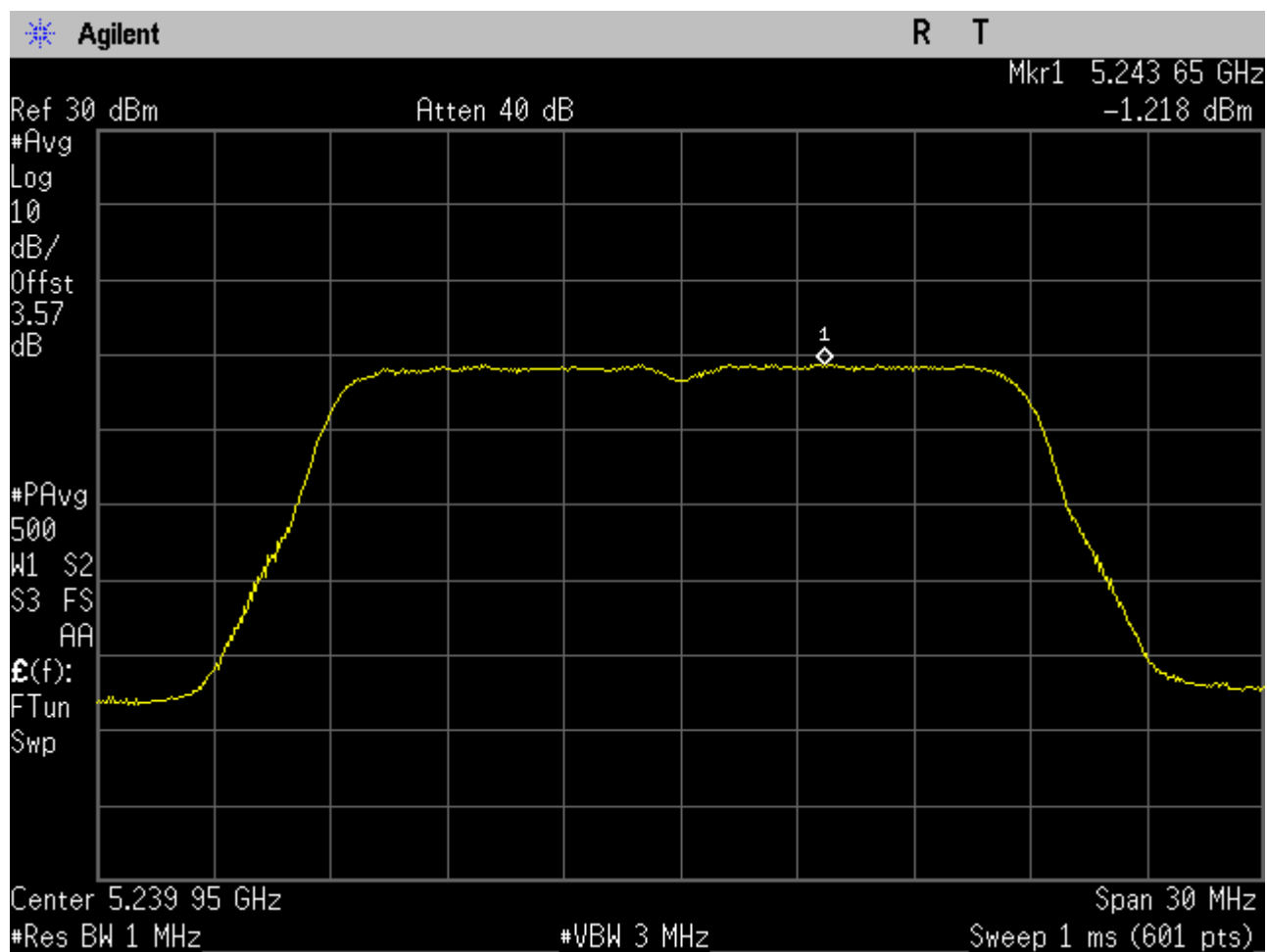


6.3711AC20M_48 Ant 1



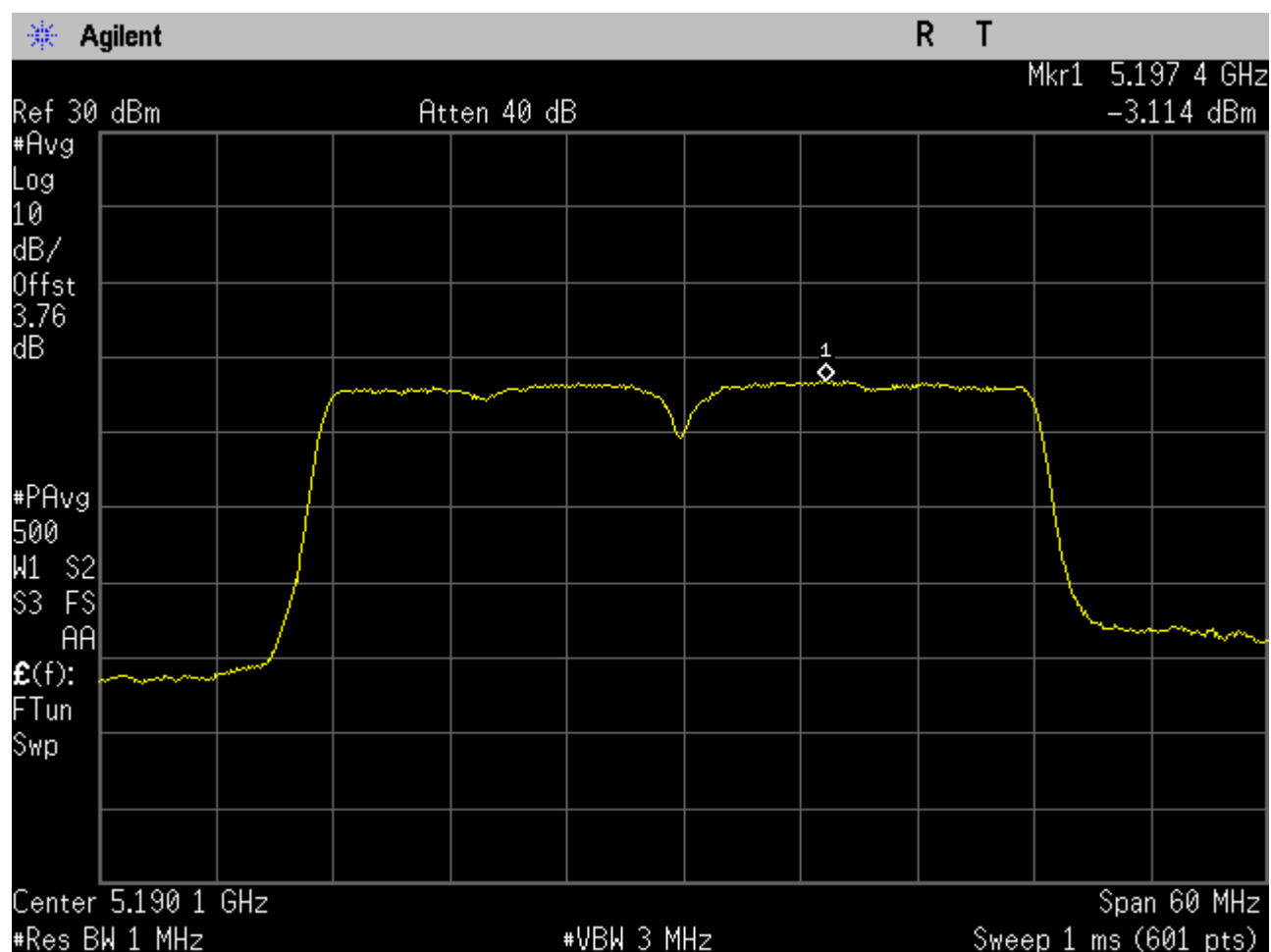


6.3811AC20M_48 Ant 2



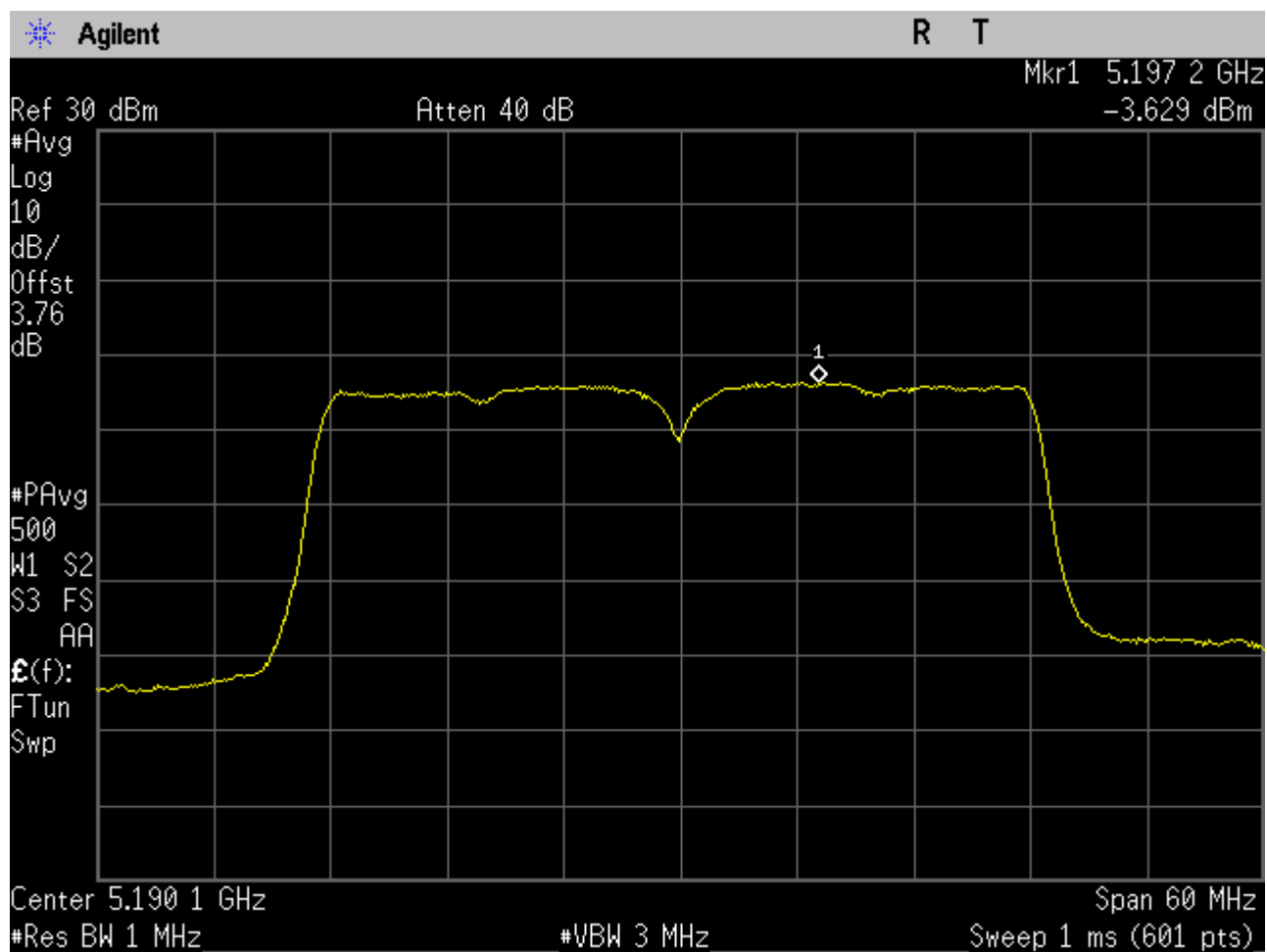


6.3911AC40_38 Ant 1



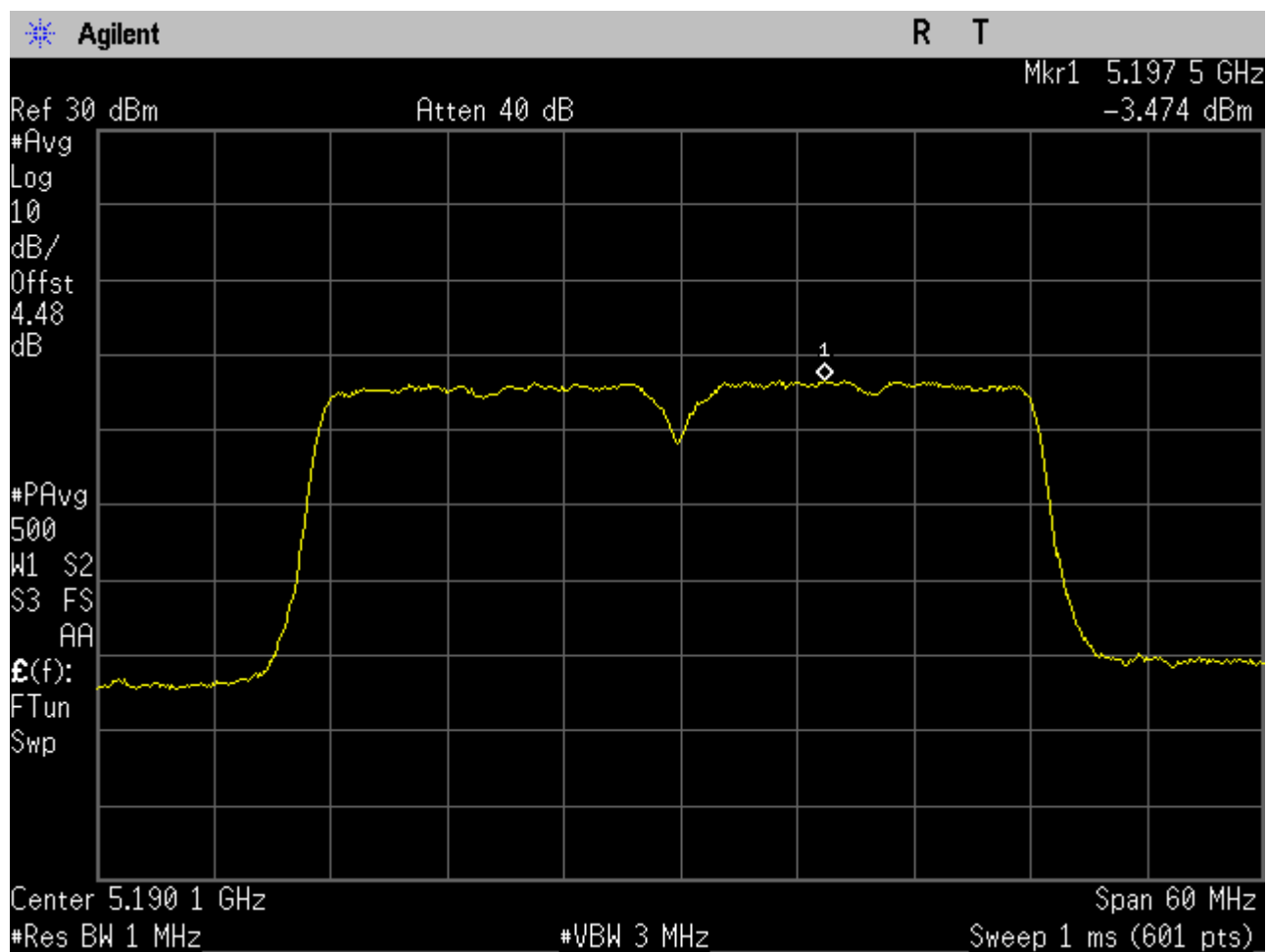


6.4011AC40_38 Ant 2



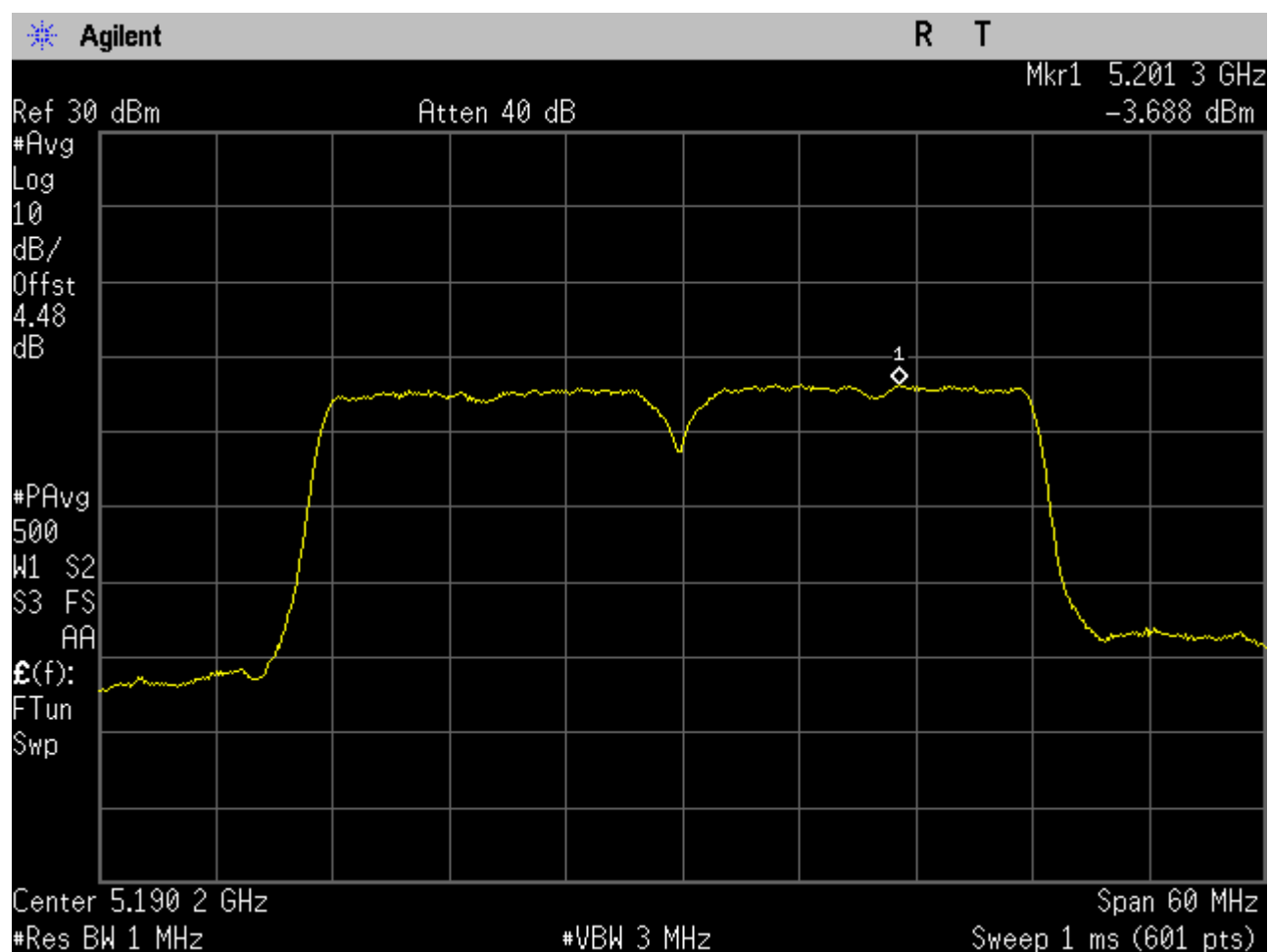


6.4111AC40M_38 Ant 1



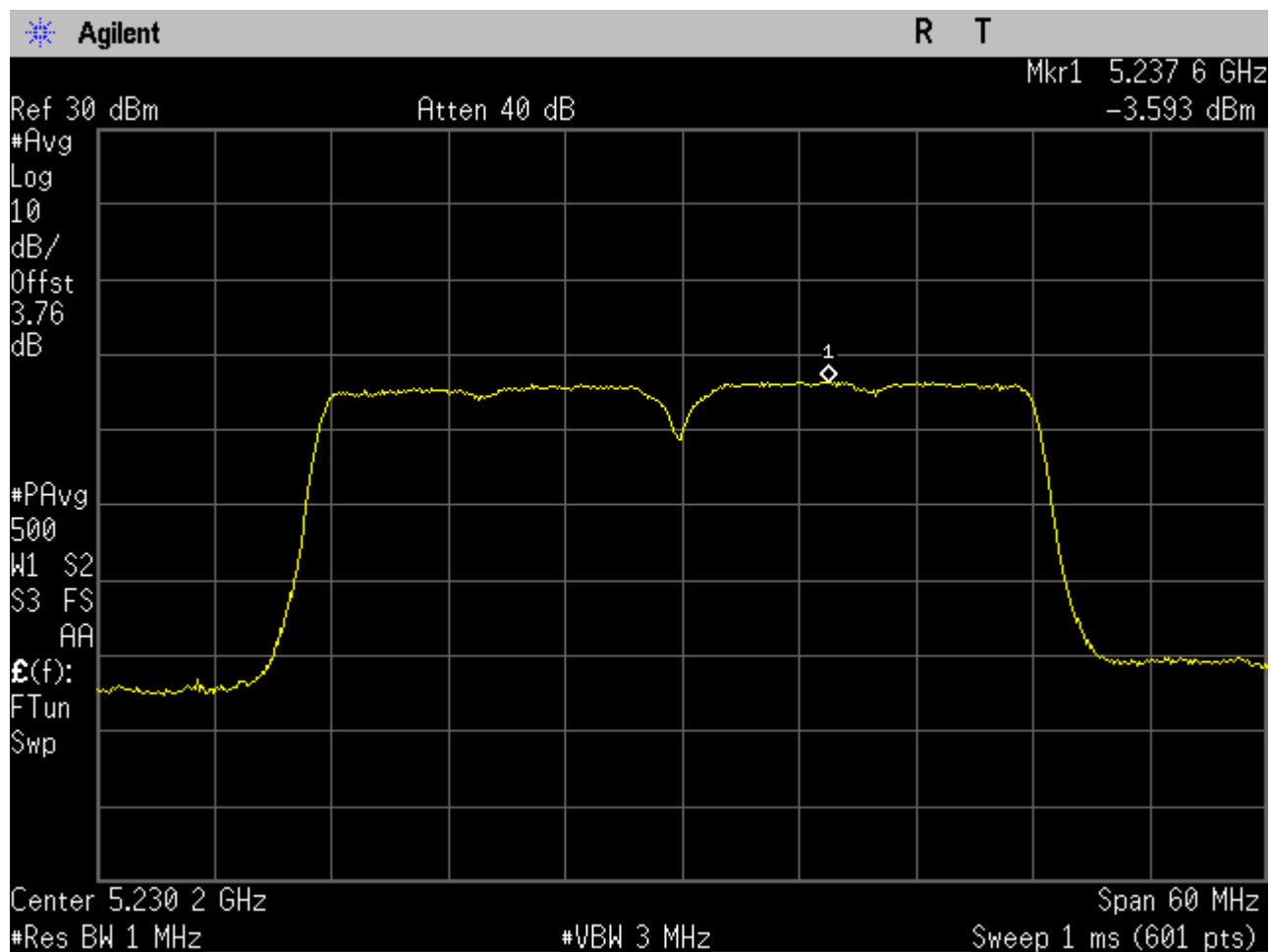


6.4211AC40M_38 Ant 2



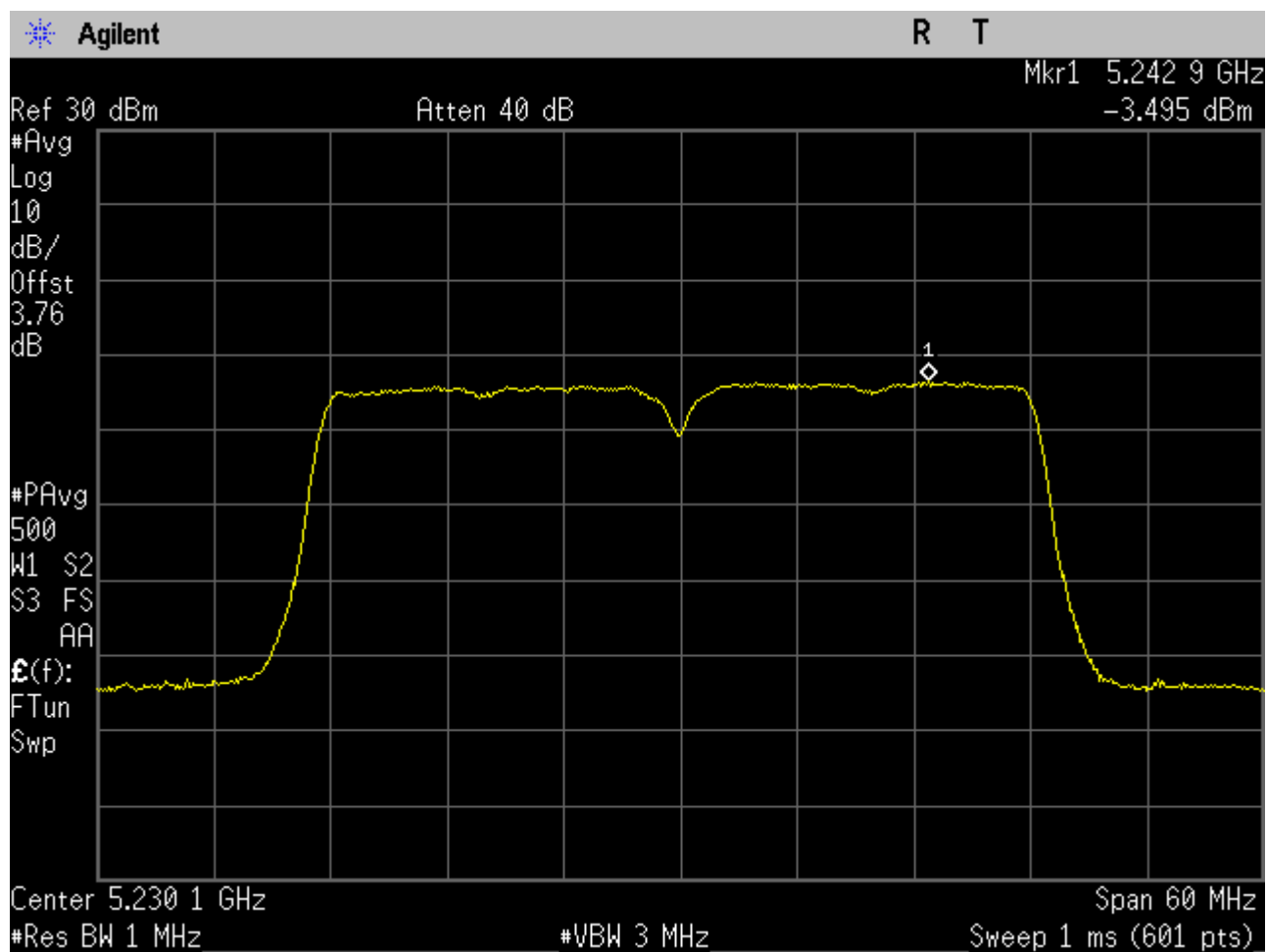


6.4311AC40_46 Ant 1



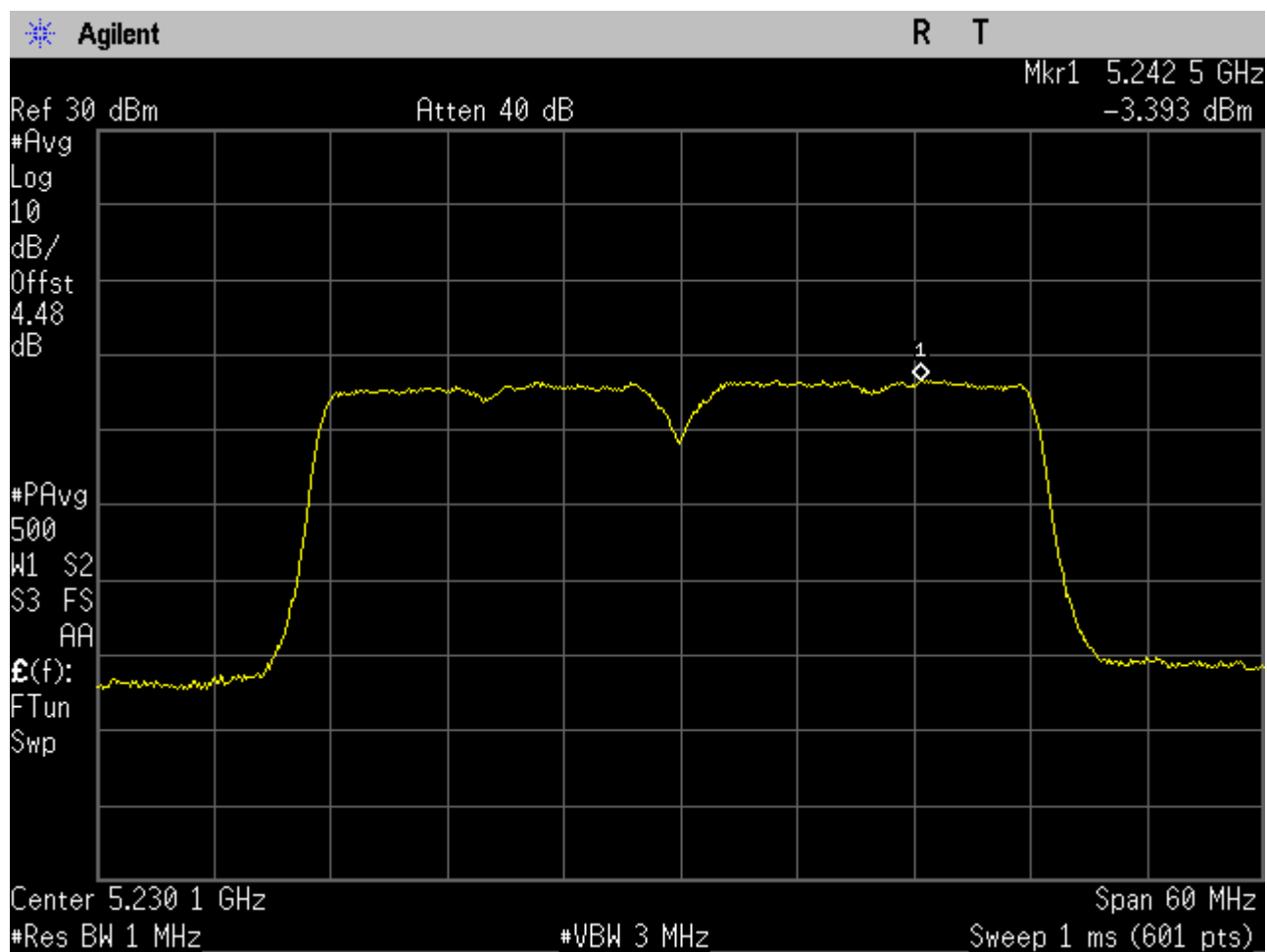


6.4411AC40_46 Ant 2



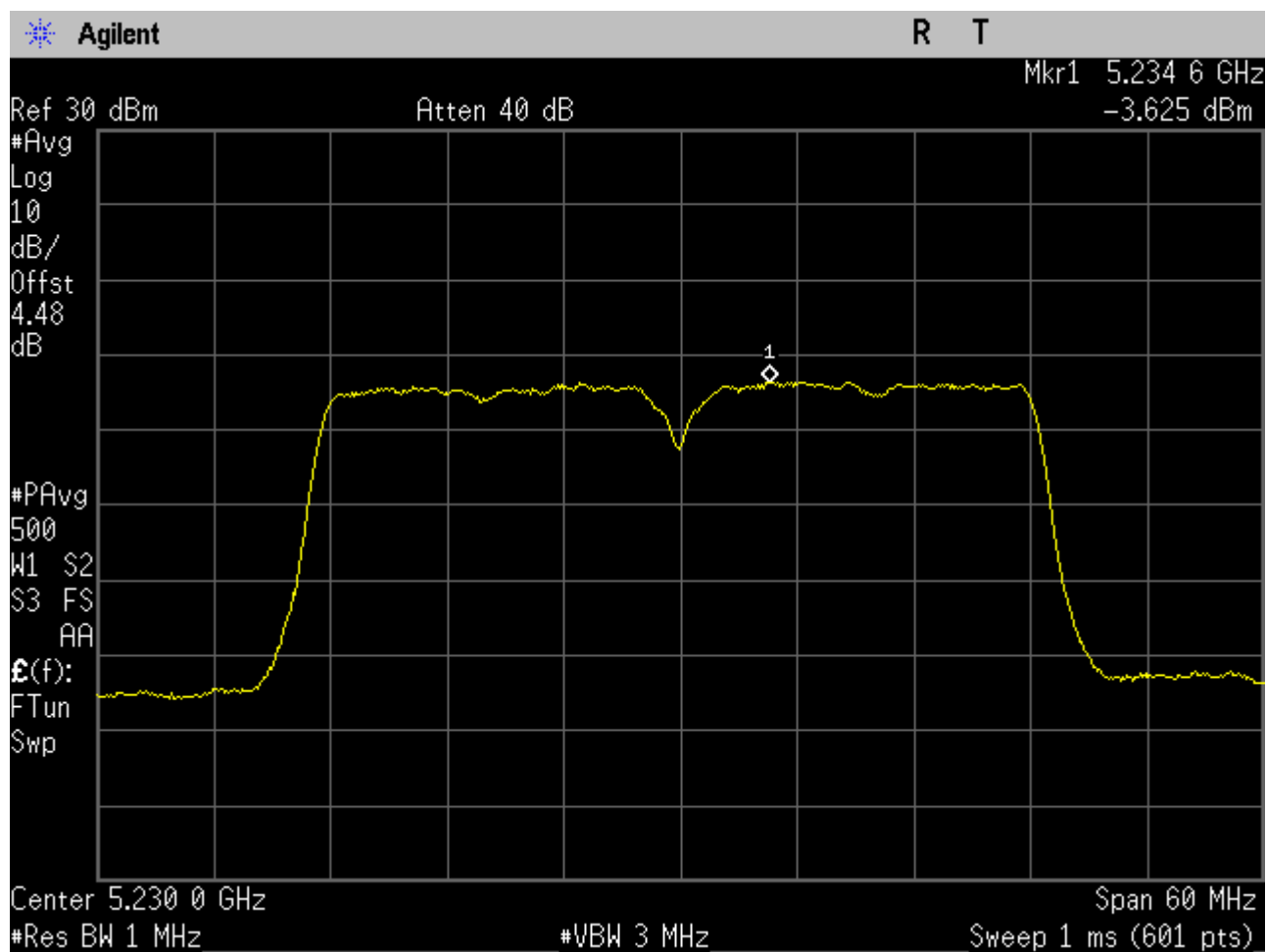


6.4511AC40M_46 Ant 1

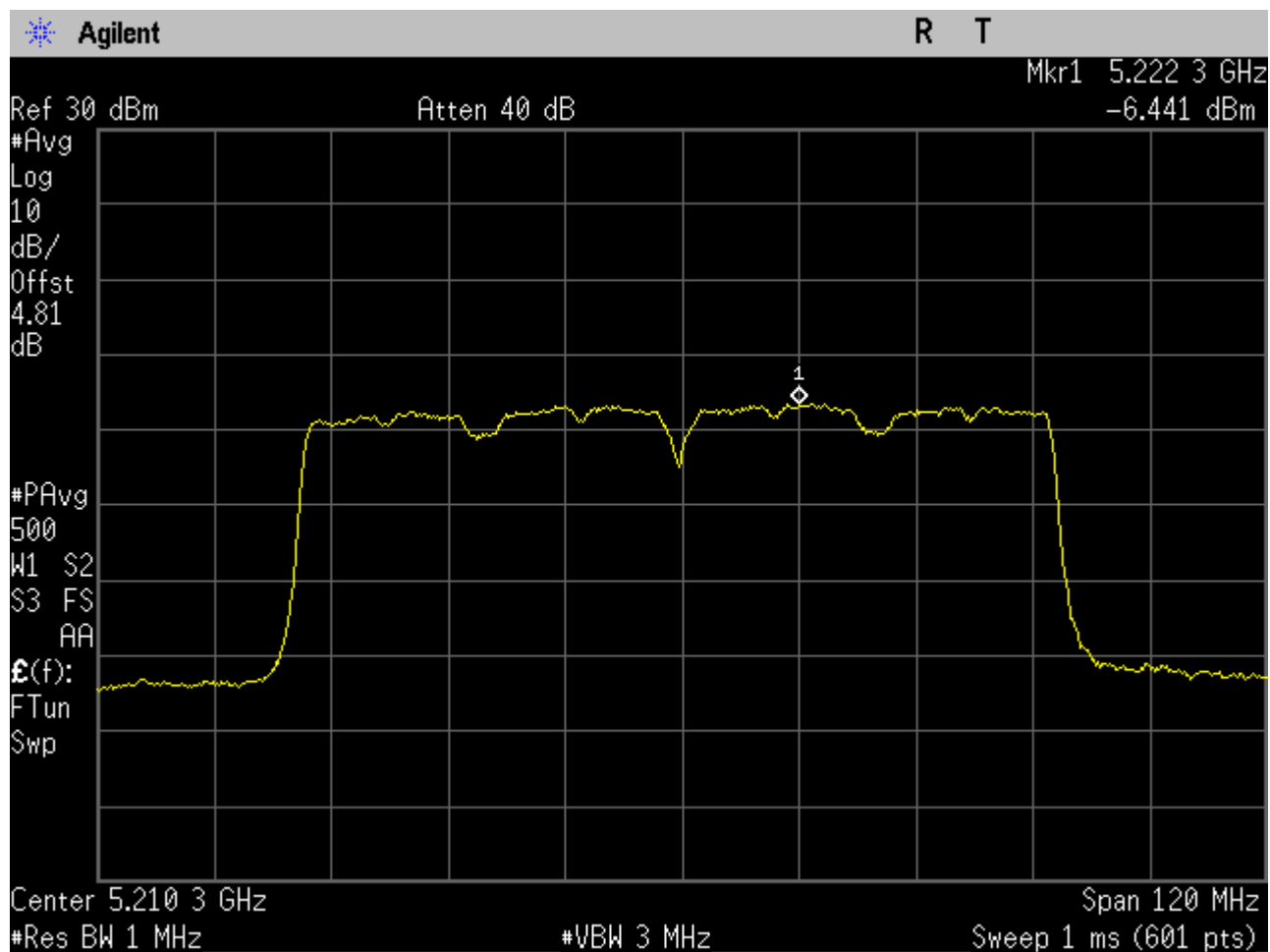




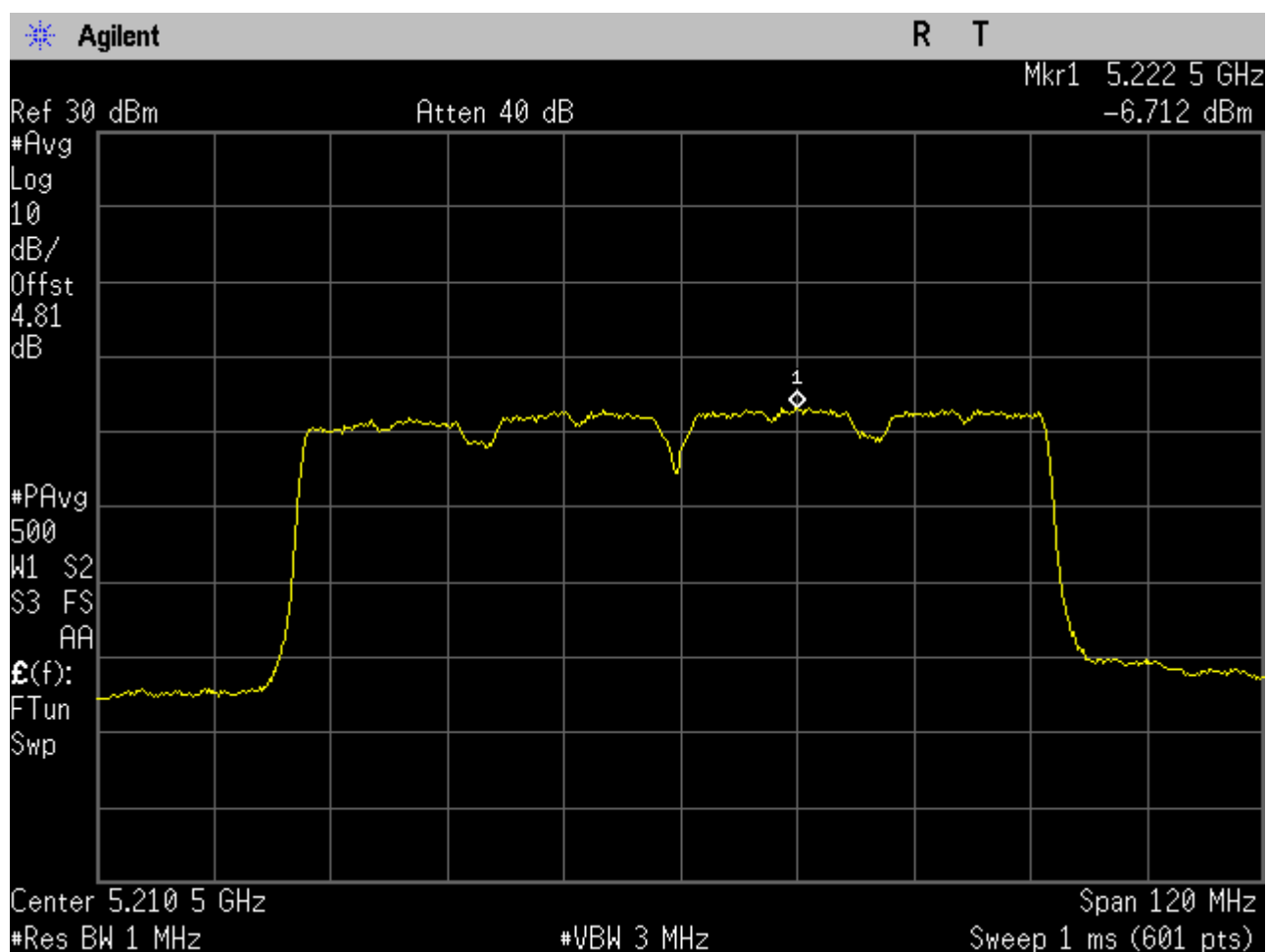
6.4611AC40M_46 Ant 2



6.4711AC80_42 Ant 1

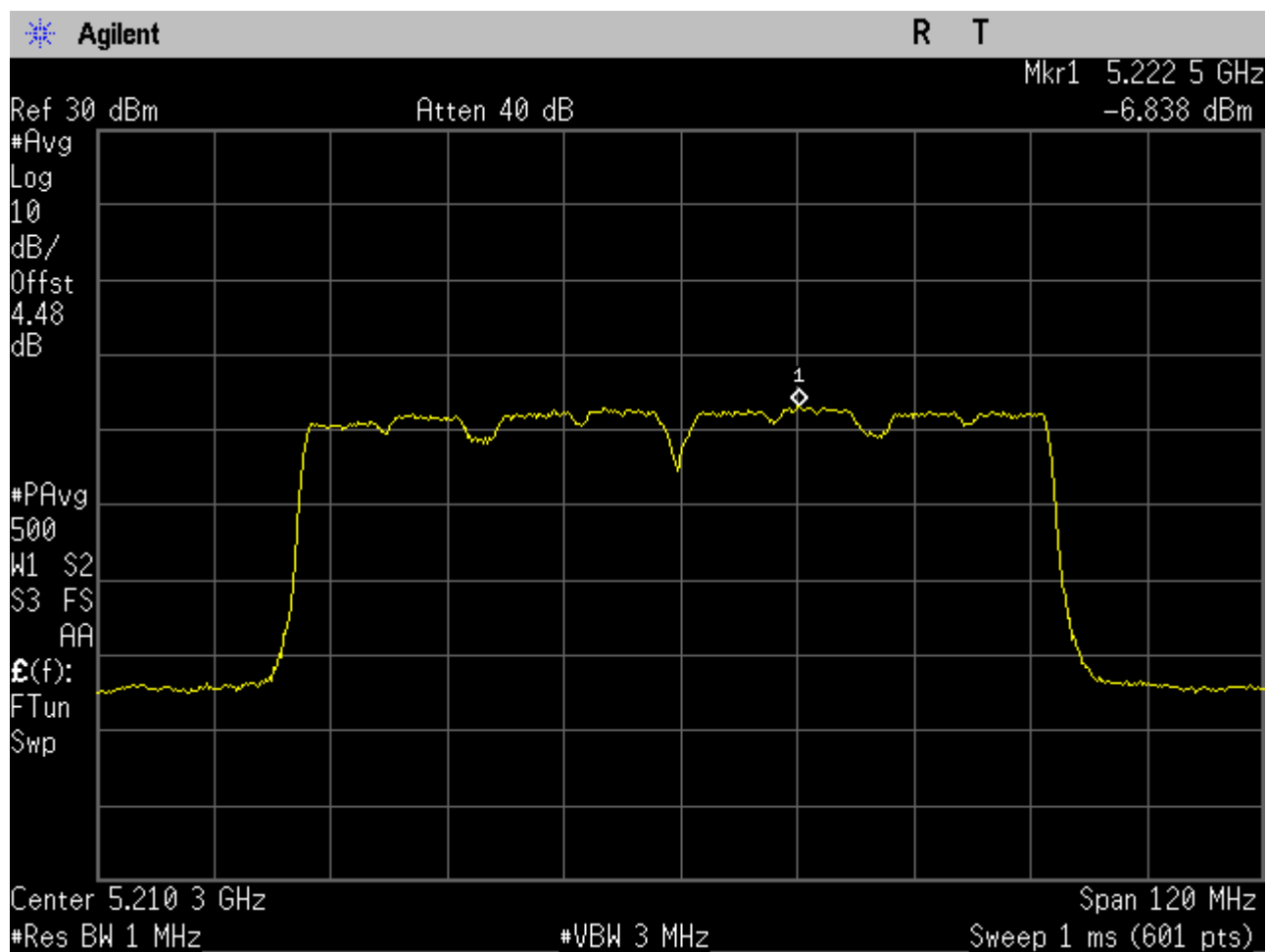


6.4811AC80_42 Ant 2



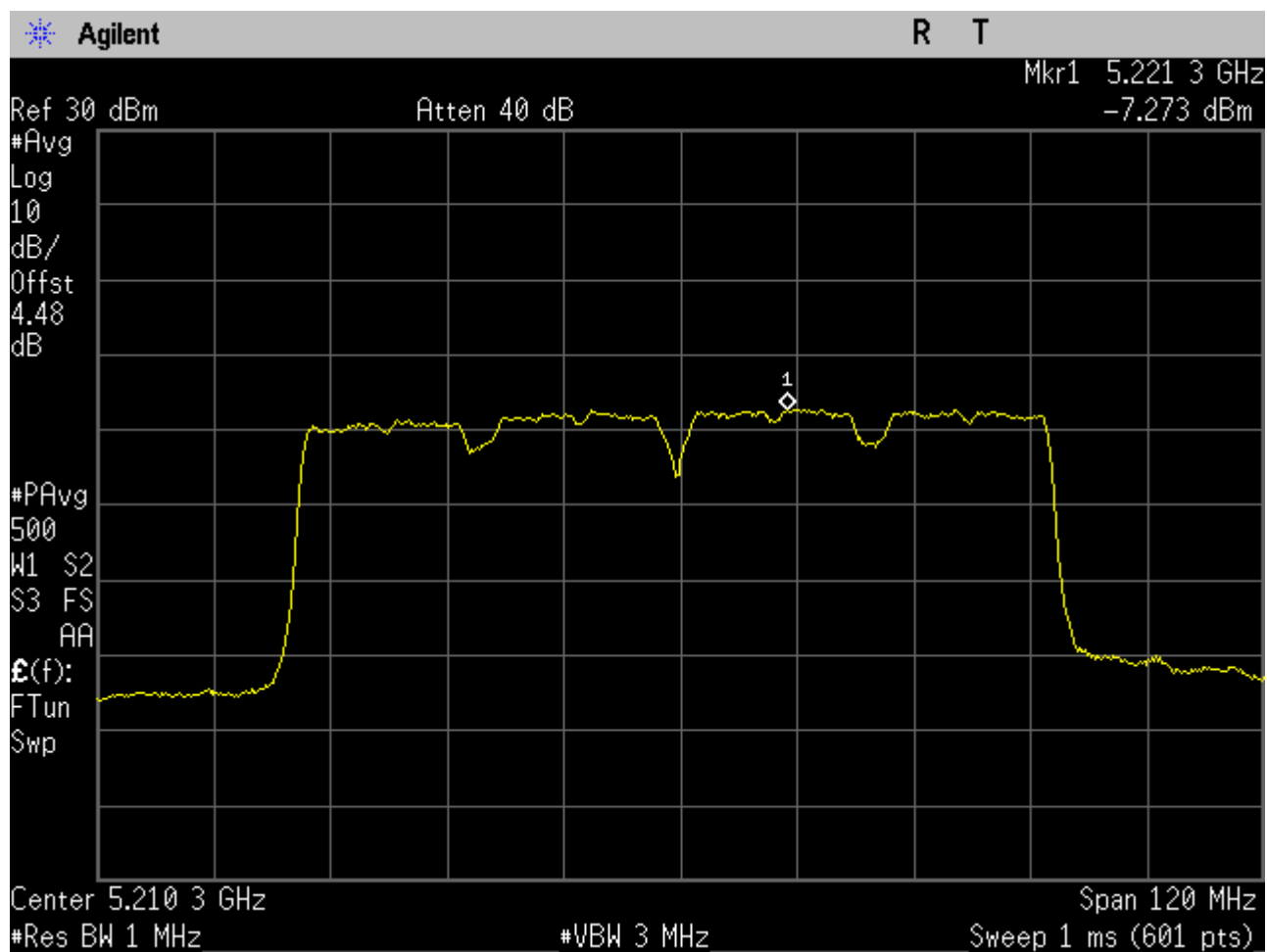


6.4911AC80M_42 Ant 1





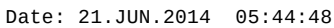
6.5011AC80M_42 Ant 2





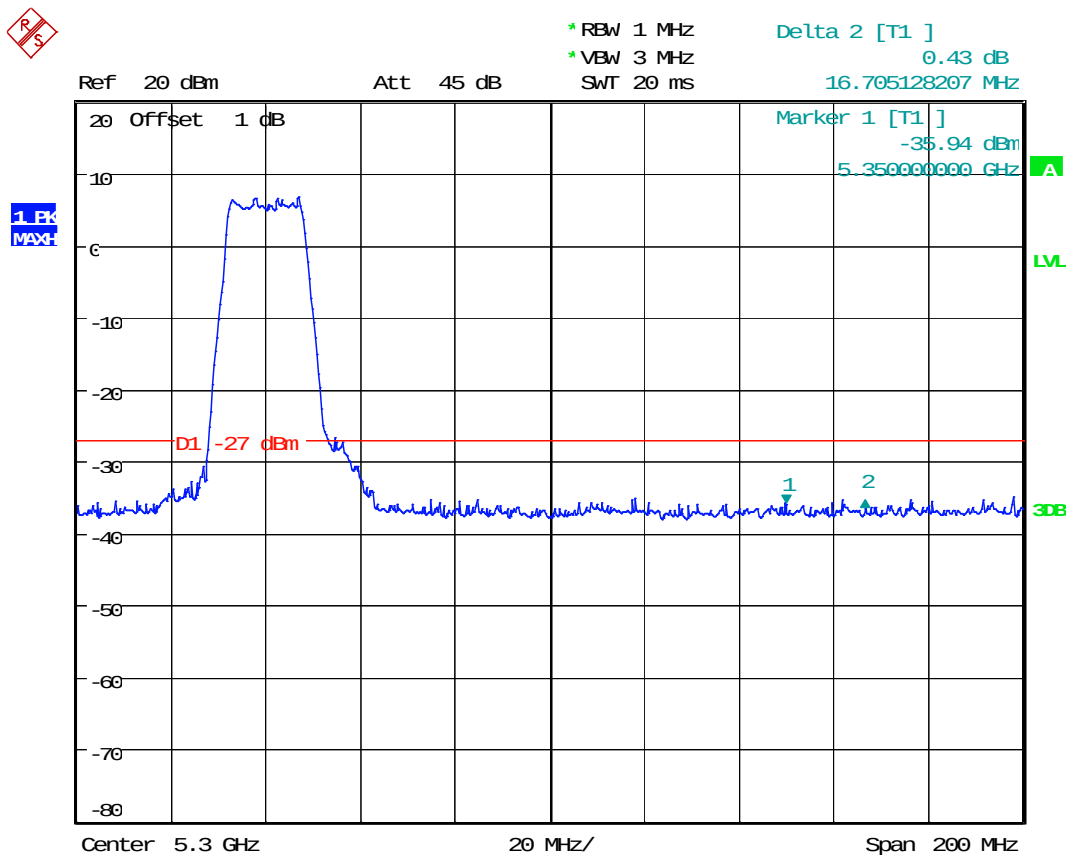
Appendix D: Unwanted Emissions into Non-Restricted Frequency Bands







7.3 11A_48 Ant 1

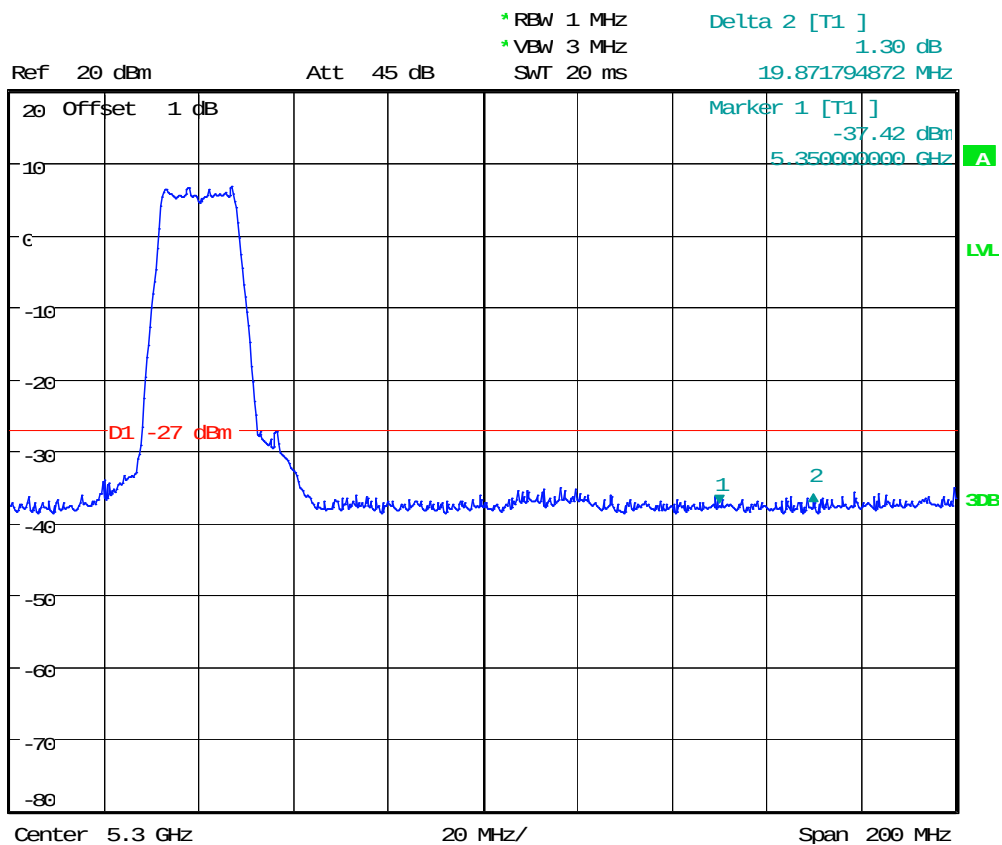


Date: 21.JUN.2014 05:48:05

7.4 11A_48 Ant 2



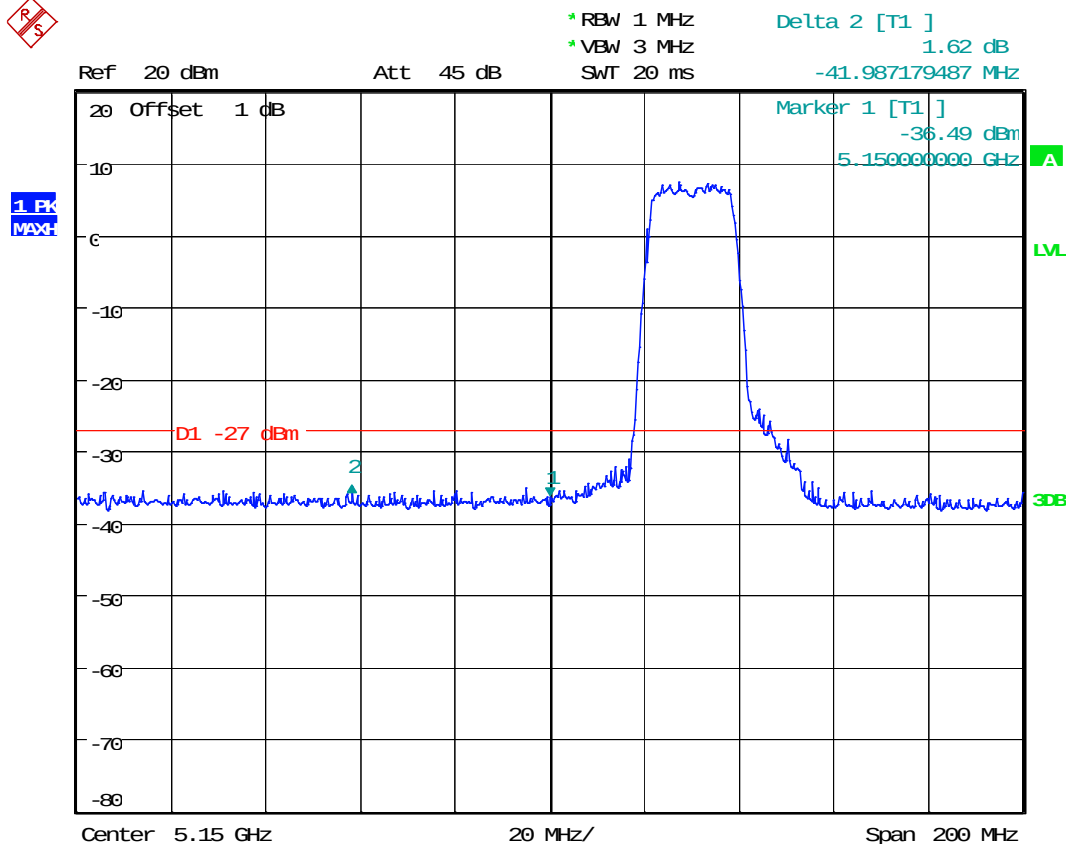
1 PK
MAX



Date: 21.JUN.2014 05:48:47

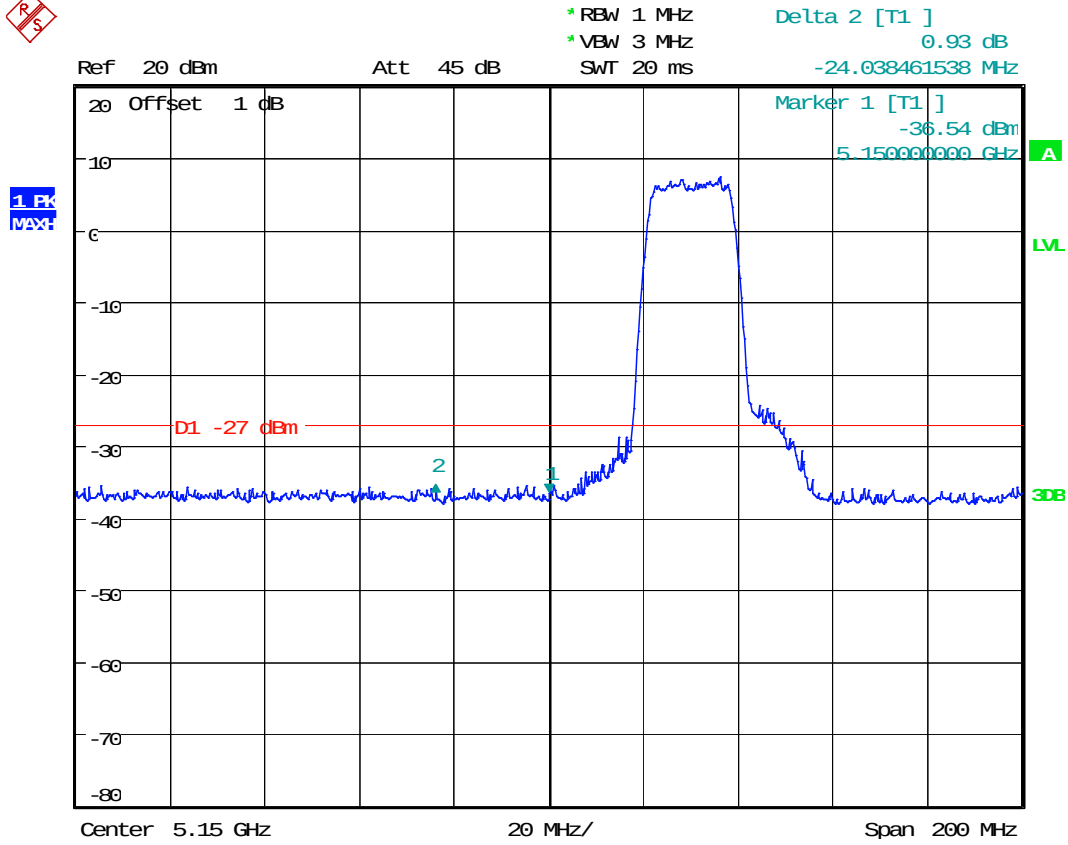


7.5 11N20_36 Ant 1



Date: 21.JUN.2014 05:50:21

7.6 11N20_36 Ant 2



Date: 21.JUN.2014 05:51:14



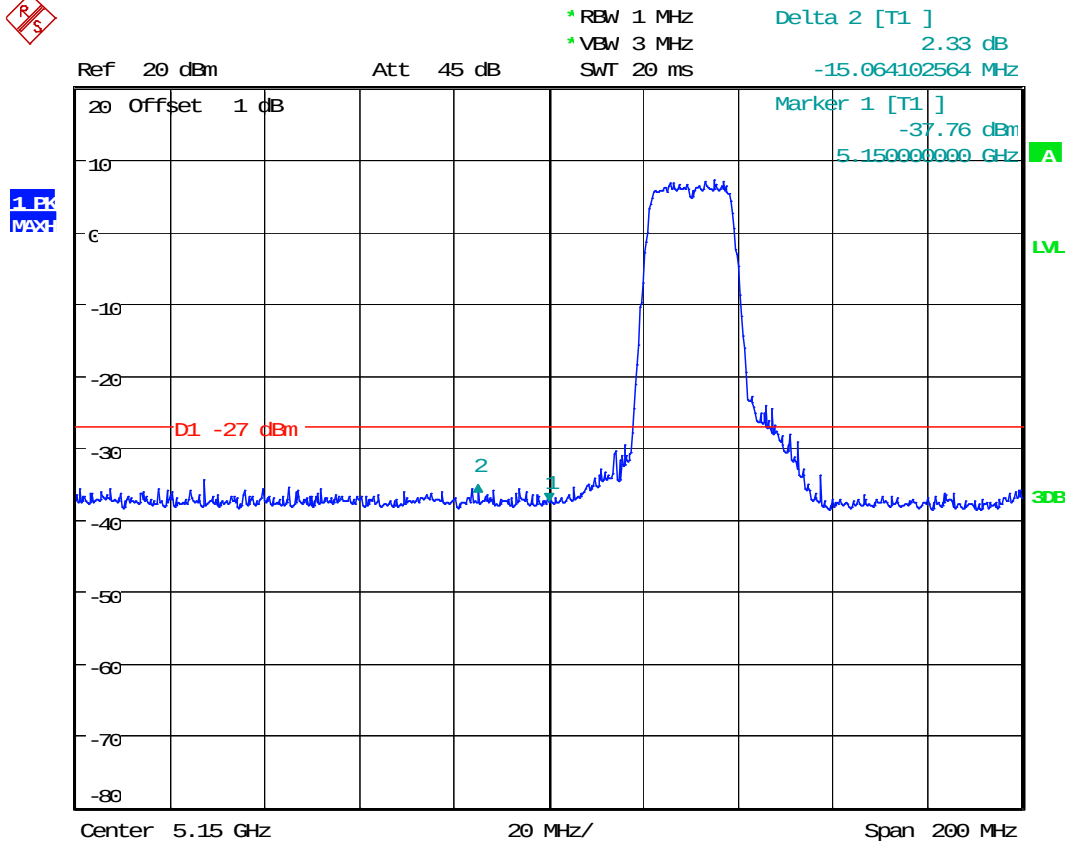
A

LVL

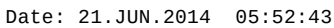
3DB



7.8 11N20M_36 Ant 2



Date: 21.JUN.2014 06:01:41





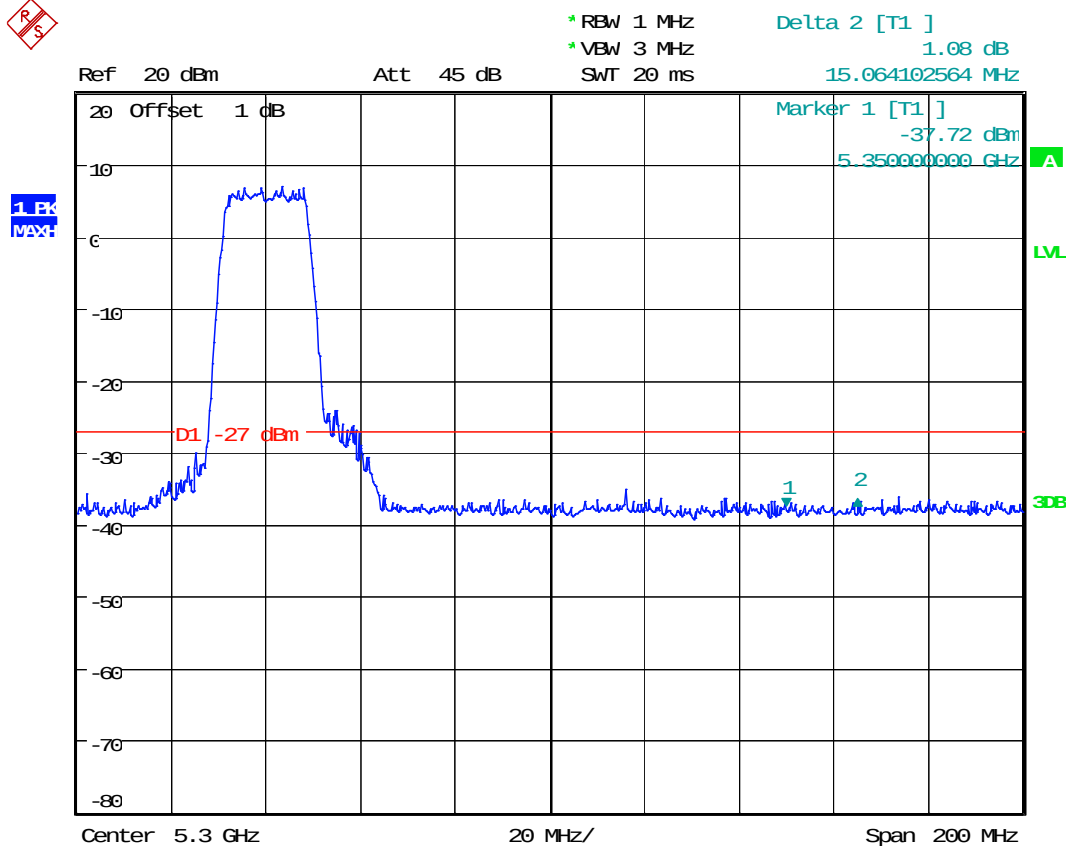
A

LVL

3DB



7.1111N20M_48 Ant 1

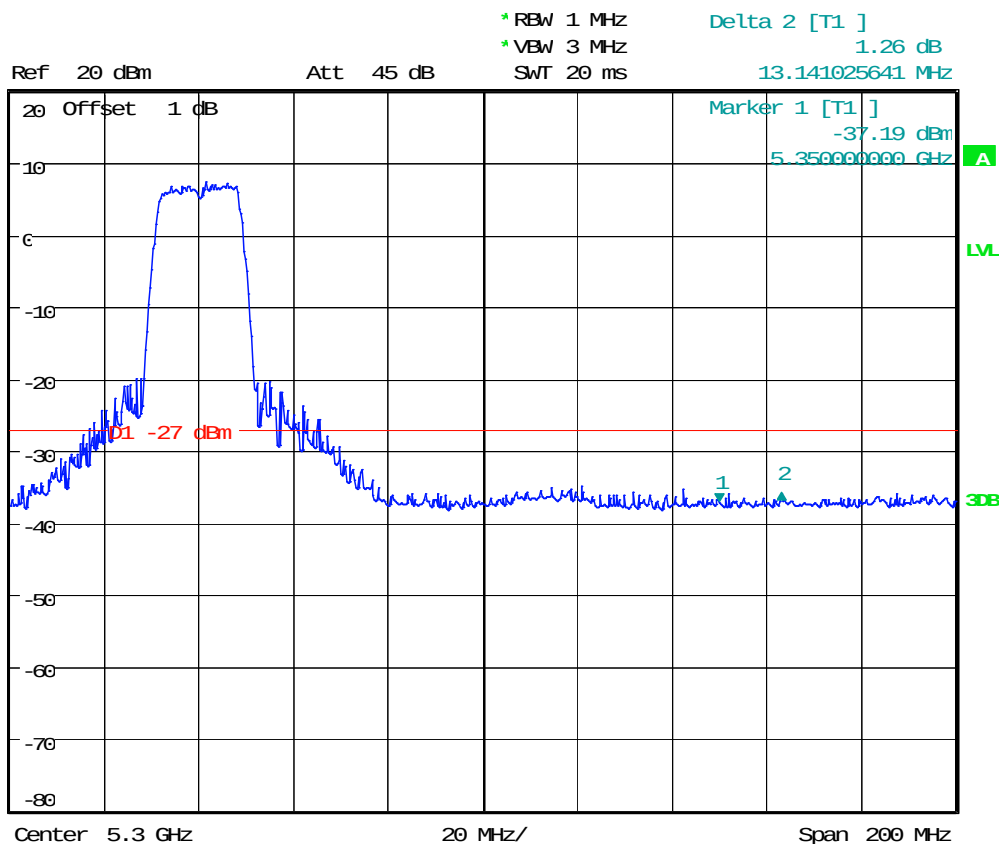


Date: 21.JUN.2014 06:03:08

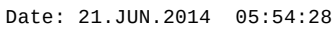
7.1211N20M_48 Ant 2



1 PK
MAX

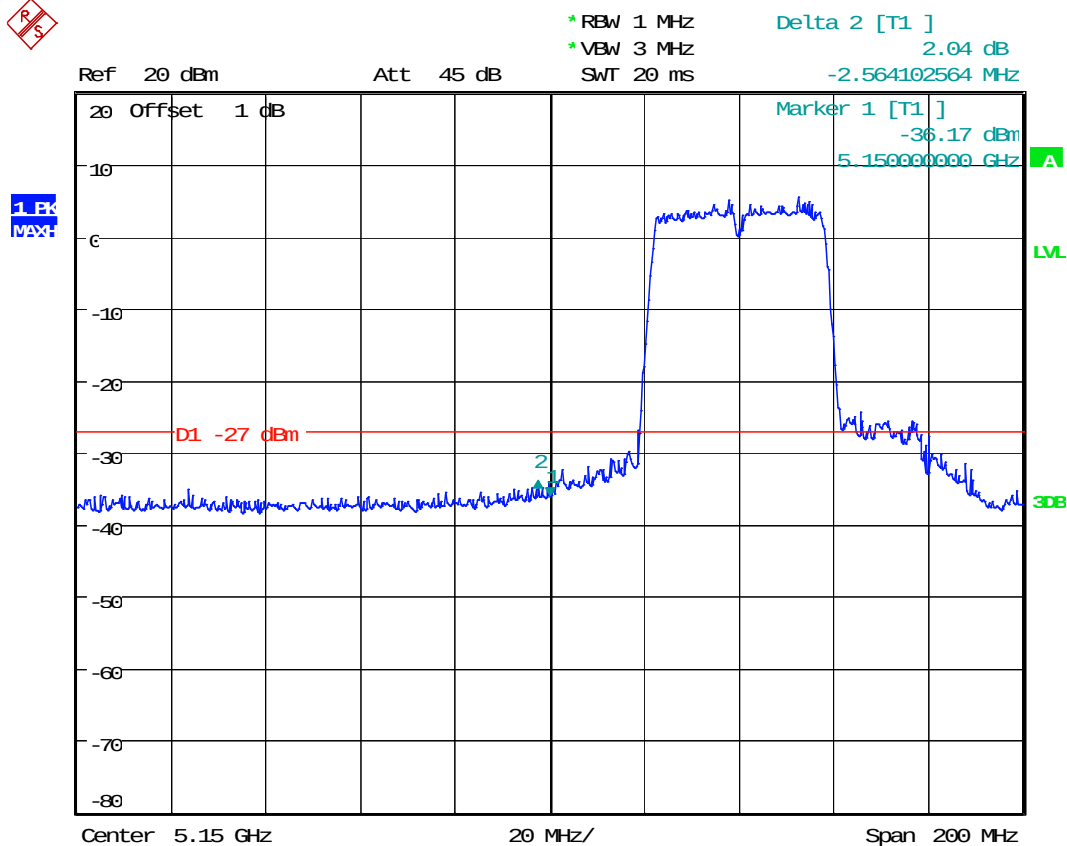


Date: 21.JUN.2014 06:02:41





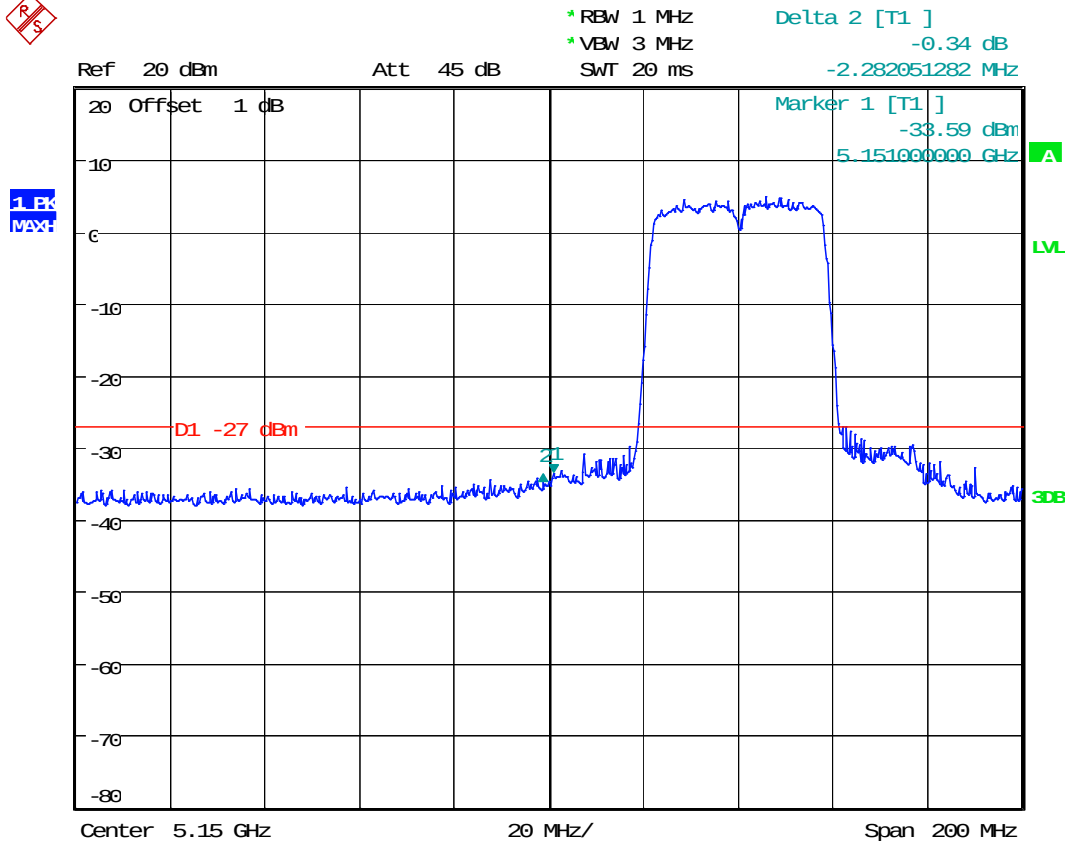
7.1411N40_38 Ant 2



Date: 21.JUN.2014 05:55:01



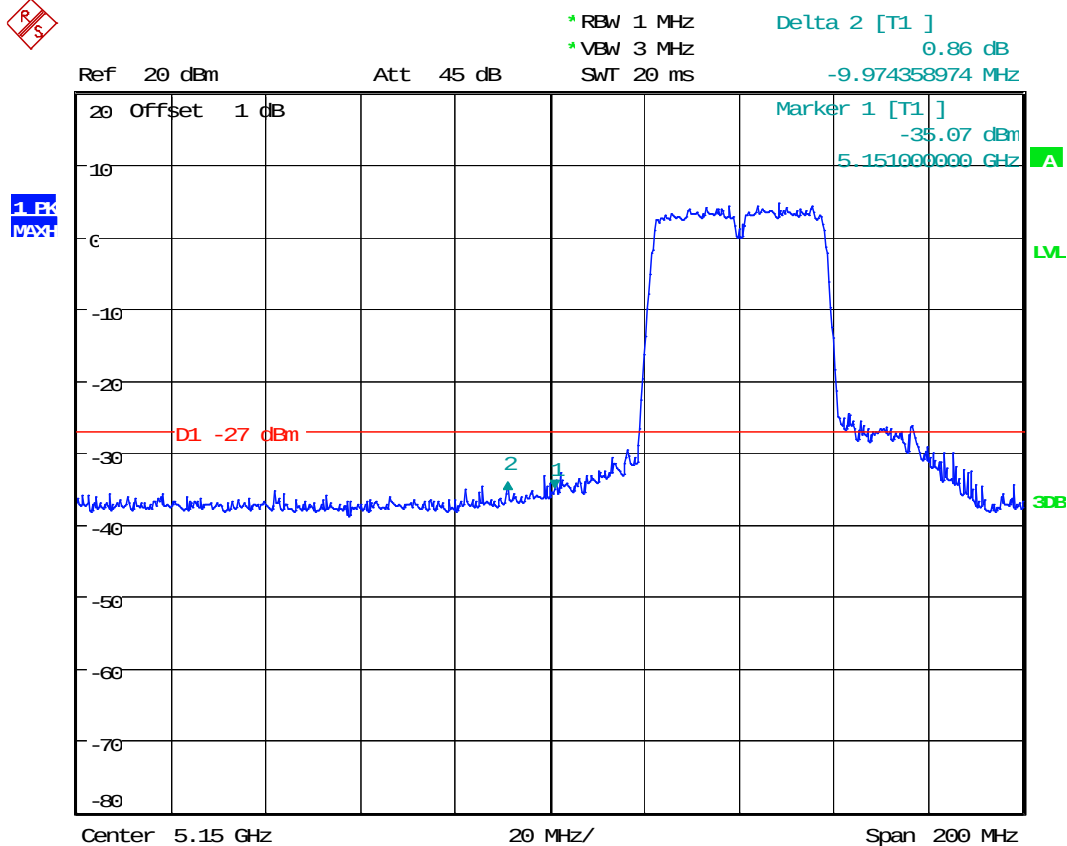
7.1511N40M_38 Ant 1



Date: 21.JUN.2014 06:04:04



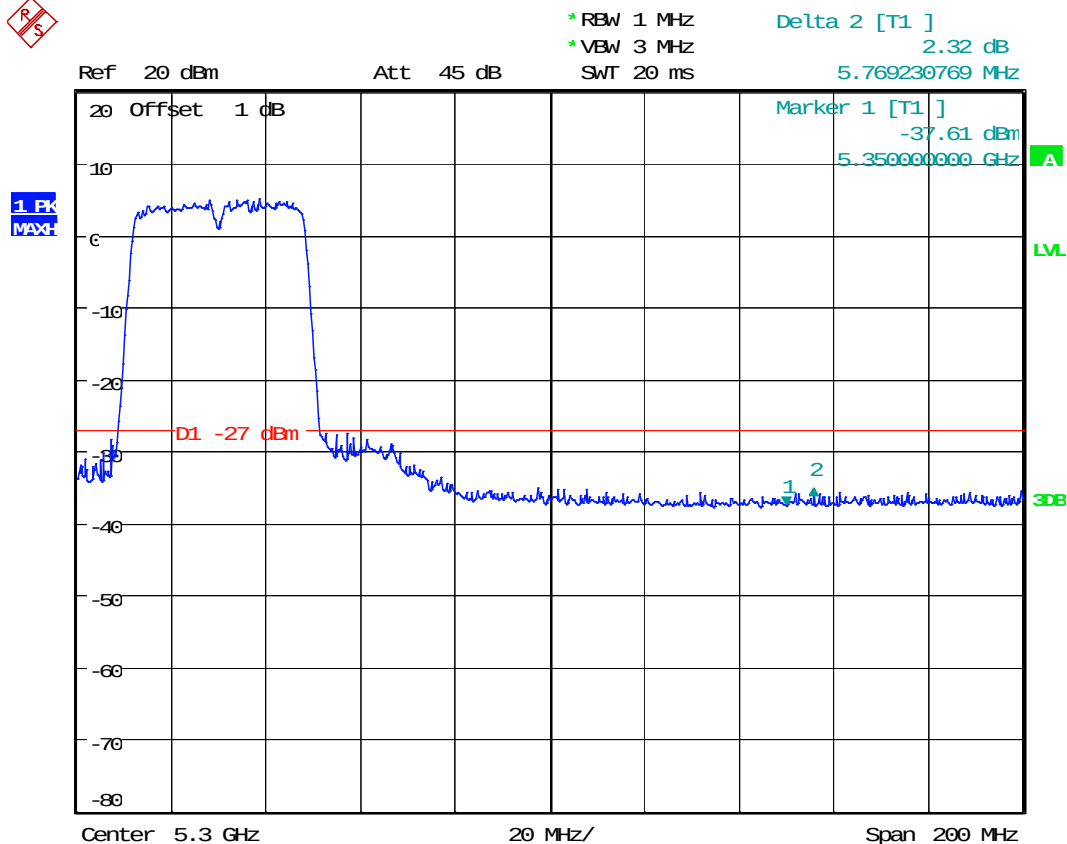
7.1611N40M_38 Ant 2



Date: 21.JUN.2014 06:04:33

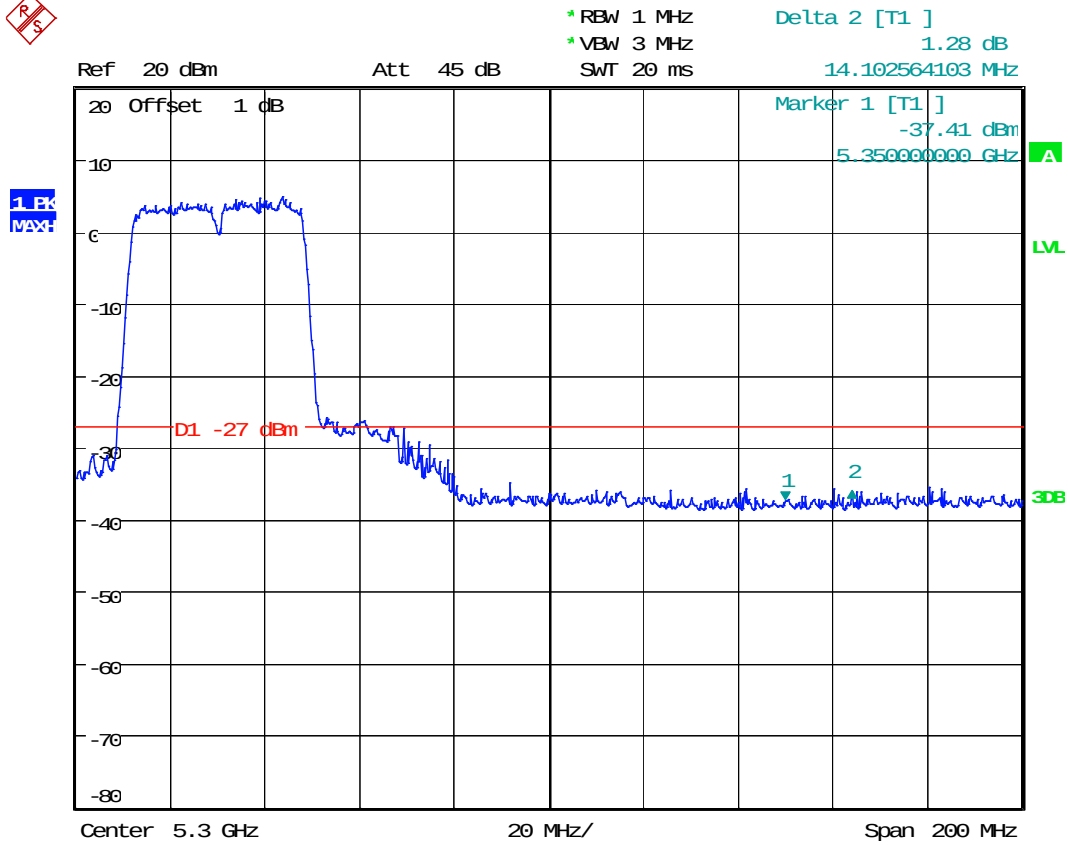


7.1711N40_46 Ant 1



Date: 21.JUN.2014 05:58:51

7.1811N40_46 Ant 2



Date: 21.JUN.2014 05:59:25



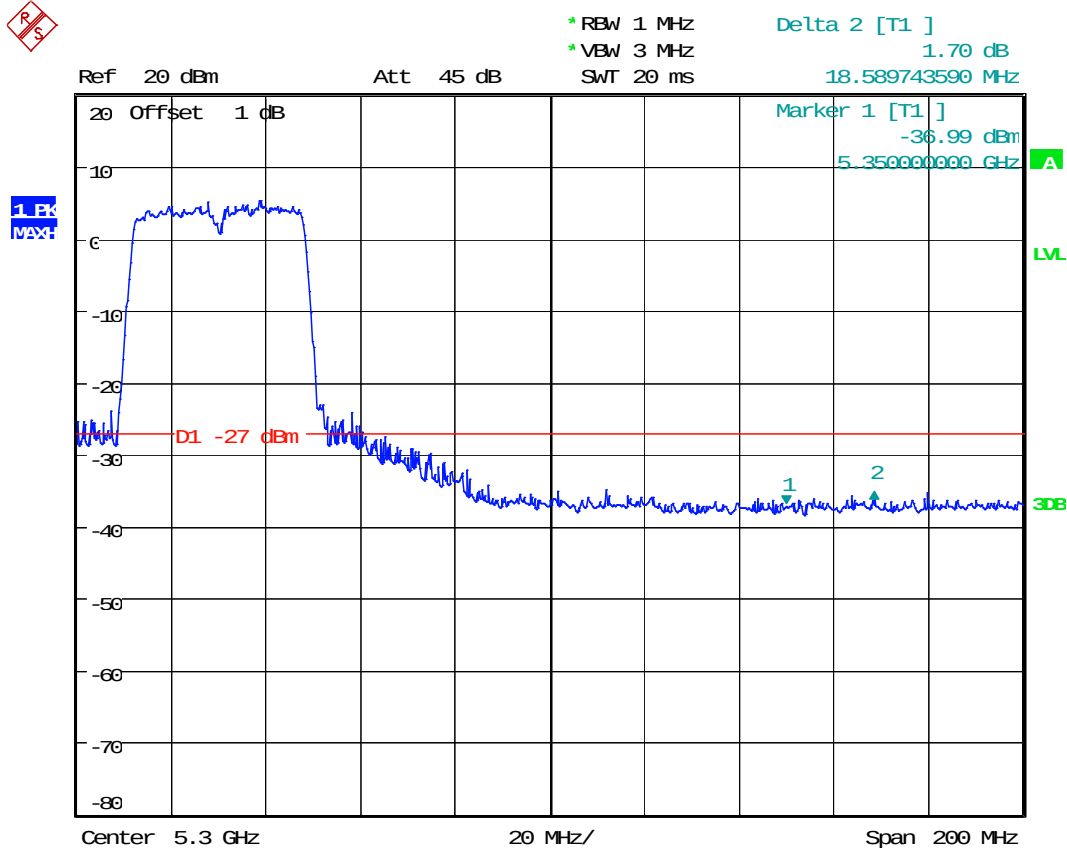
A

LVL

3DB



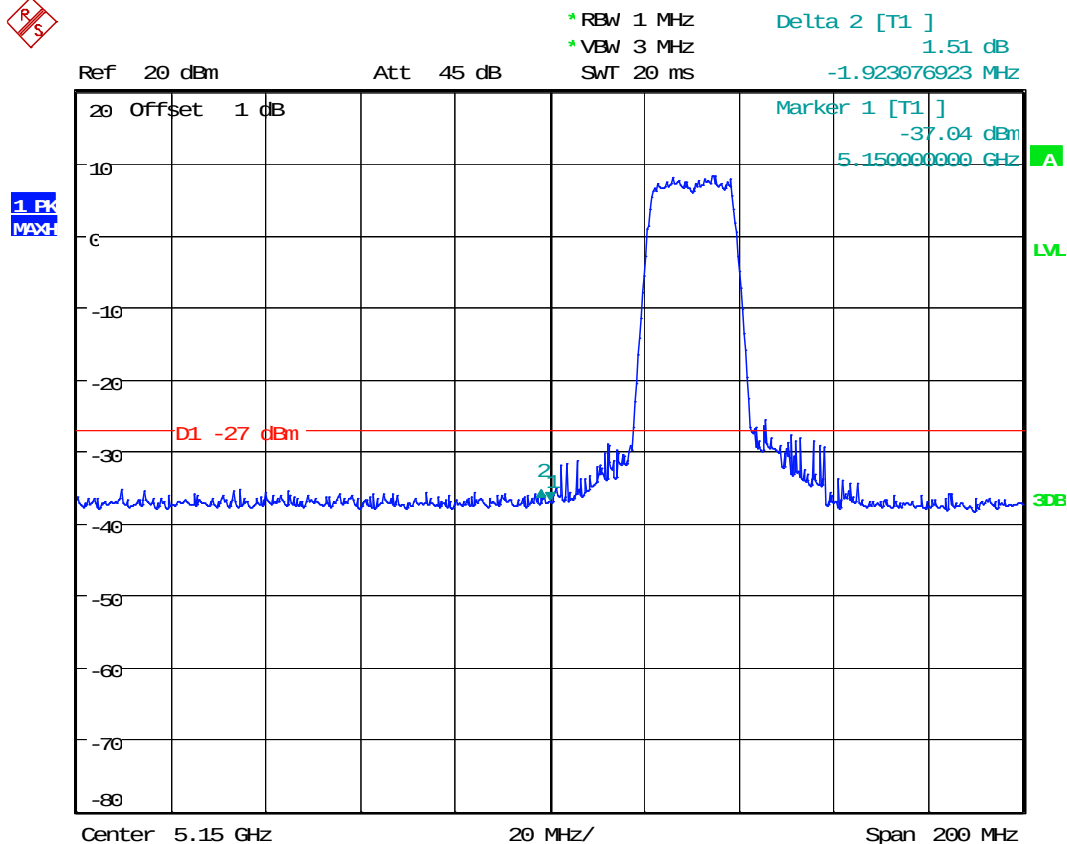
7.2011N40M_46 Ant 2



Date: 21.JUN.2014 06:06:17



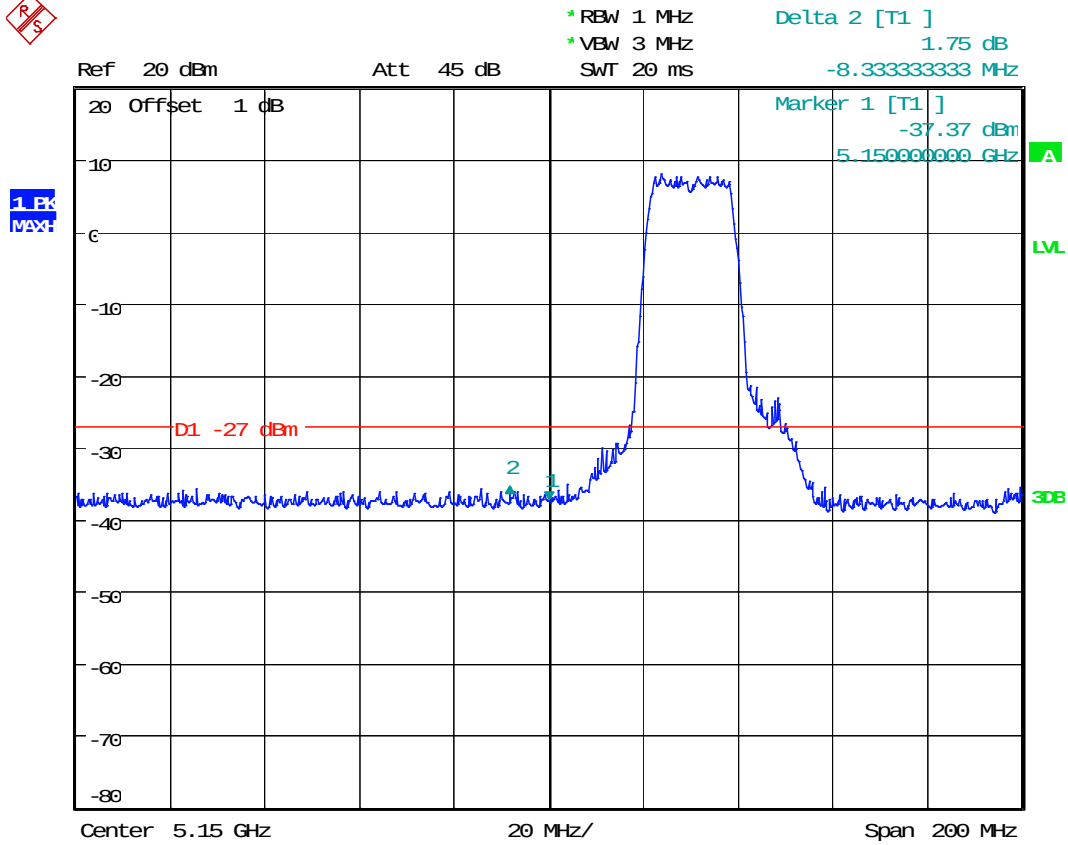
7.2111AC20_36 Ant 1



Date: 21.JUN.2014 06:08:40



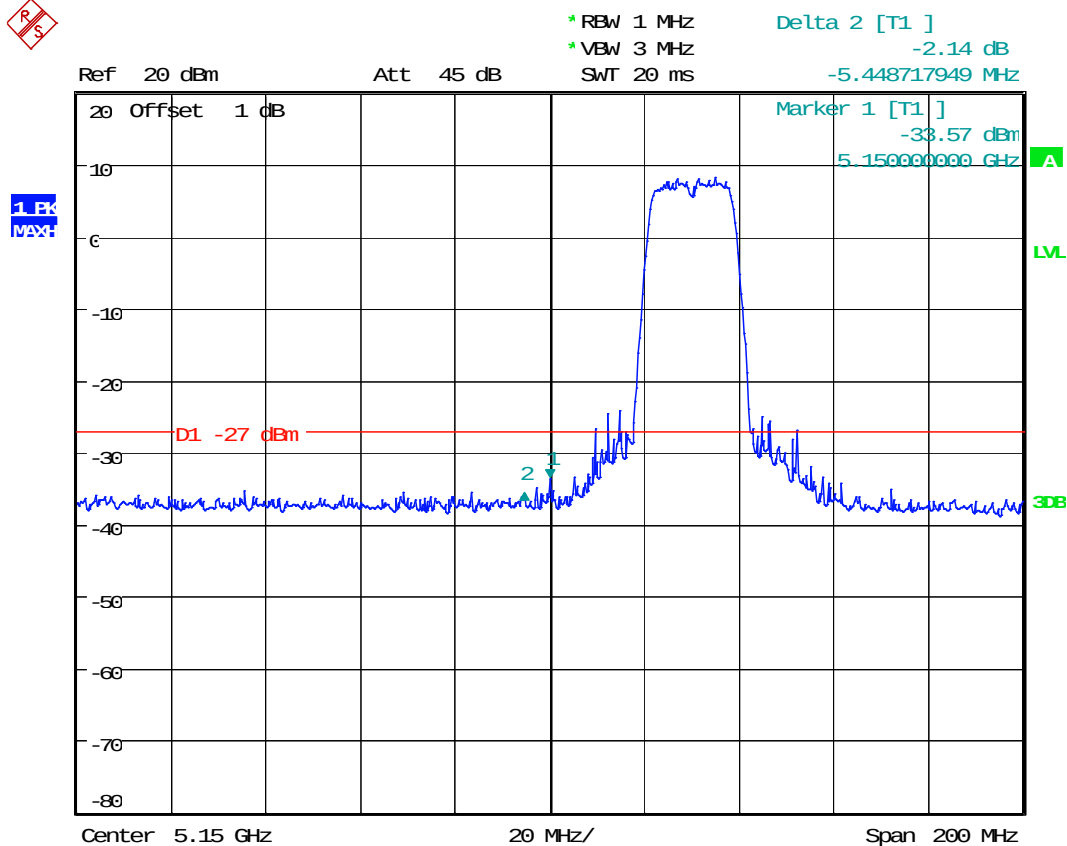
7.2211AC20_36 Ant 2



Date: 21.JUN.2014 06:09:05



7.2311AC20M_36 Ant 1



Date: 21.JUN.2014 06:16:44



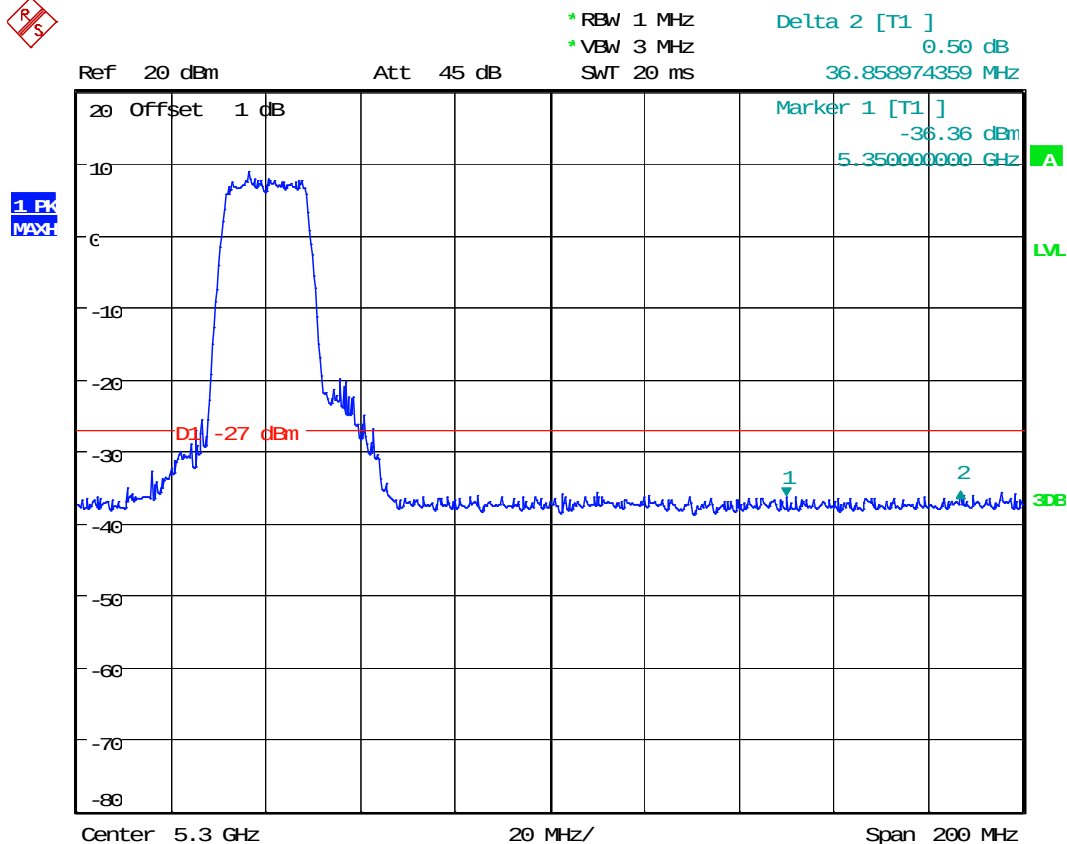
A

LVL

3DB

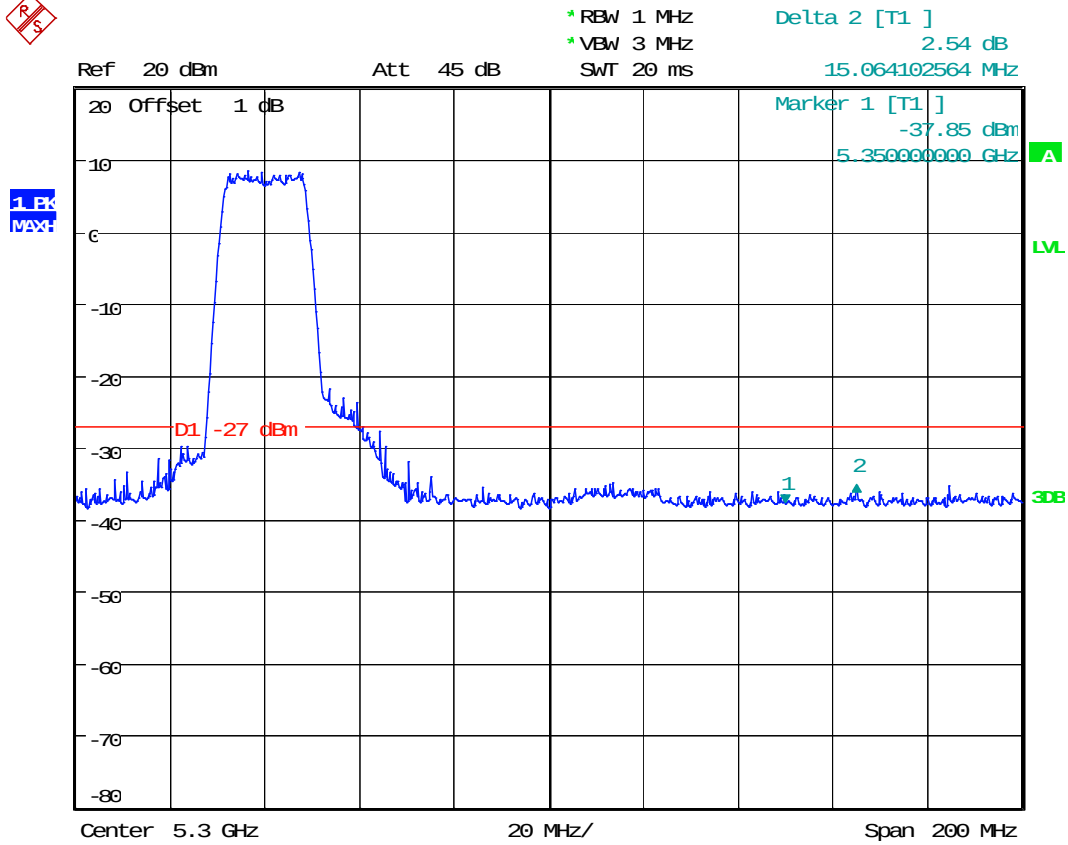


7.2511AC20_48 Ant 1



Date: 21.JUN.2014 06:09:56

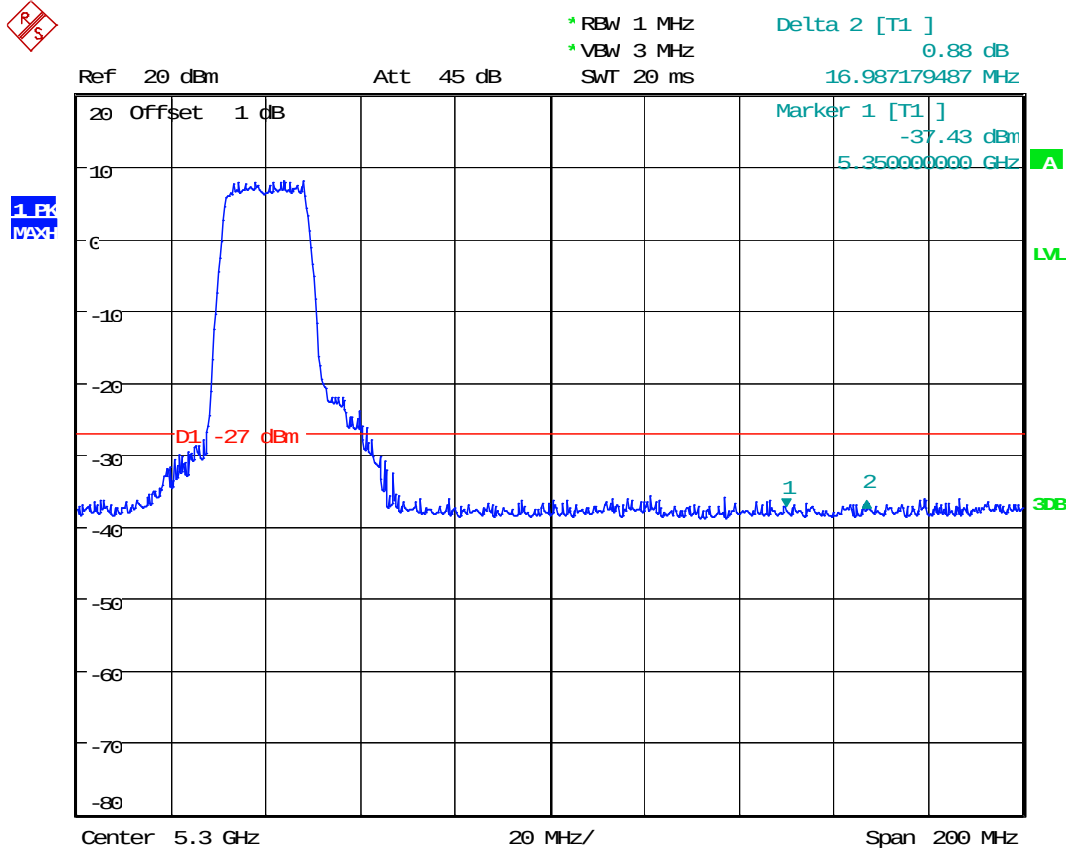
7.2611AC20_48 Ant 2



Date: 21.JUN.2014 06:10:41



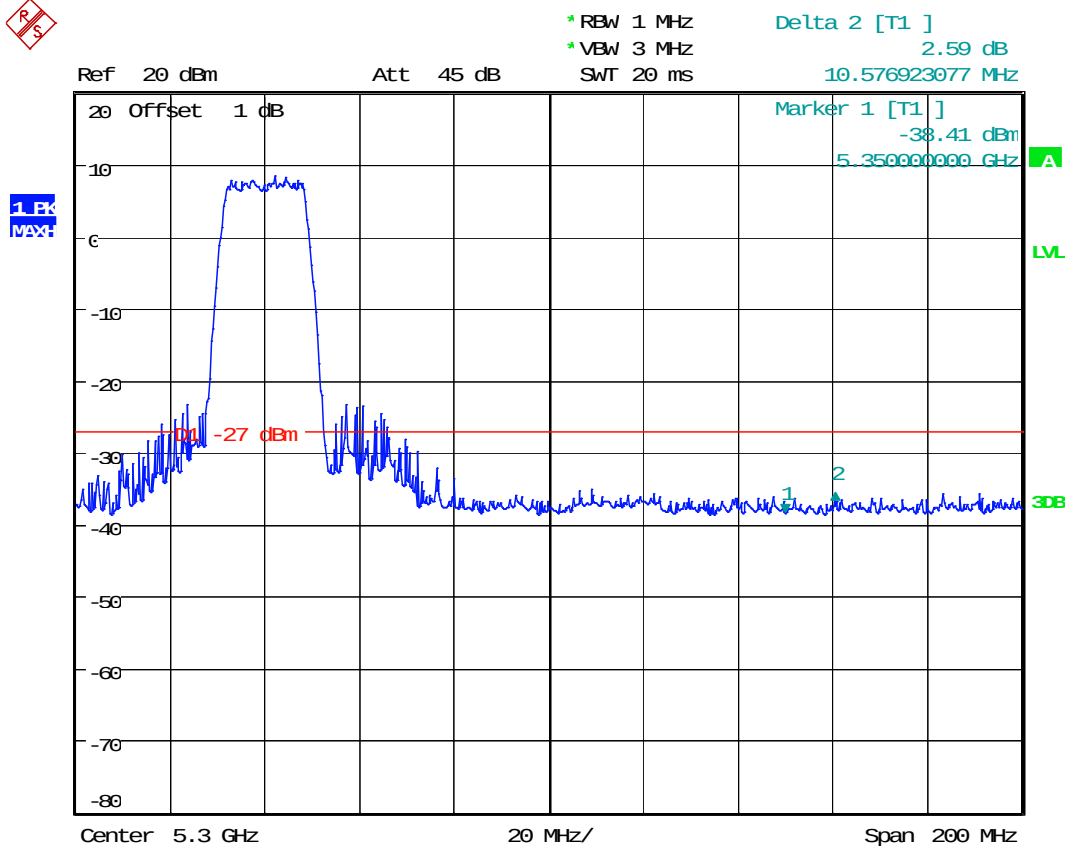
7.2711AC20M_48 Ant 1



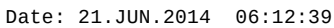
Date: 21.JUN.2014 06:18:07



7.2811AC20M_48 Ant 2



Date: 21.JUN.2014 06:17:45





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7.3211AC40M_38 Ant 2

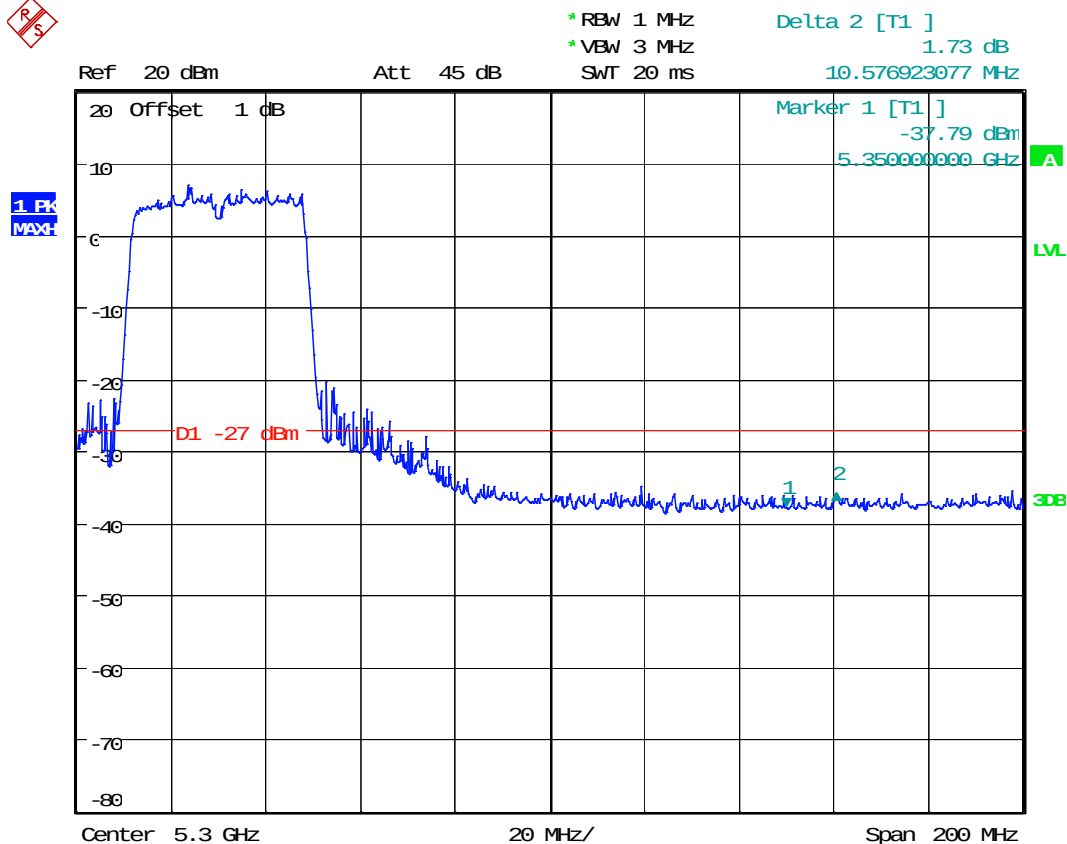


Report No:
SYBH(Z-RF)009032014-2005

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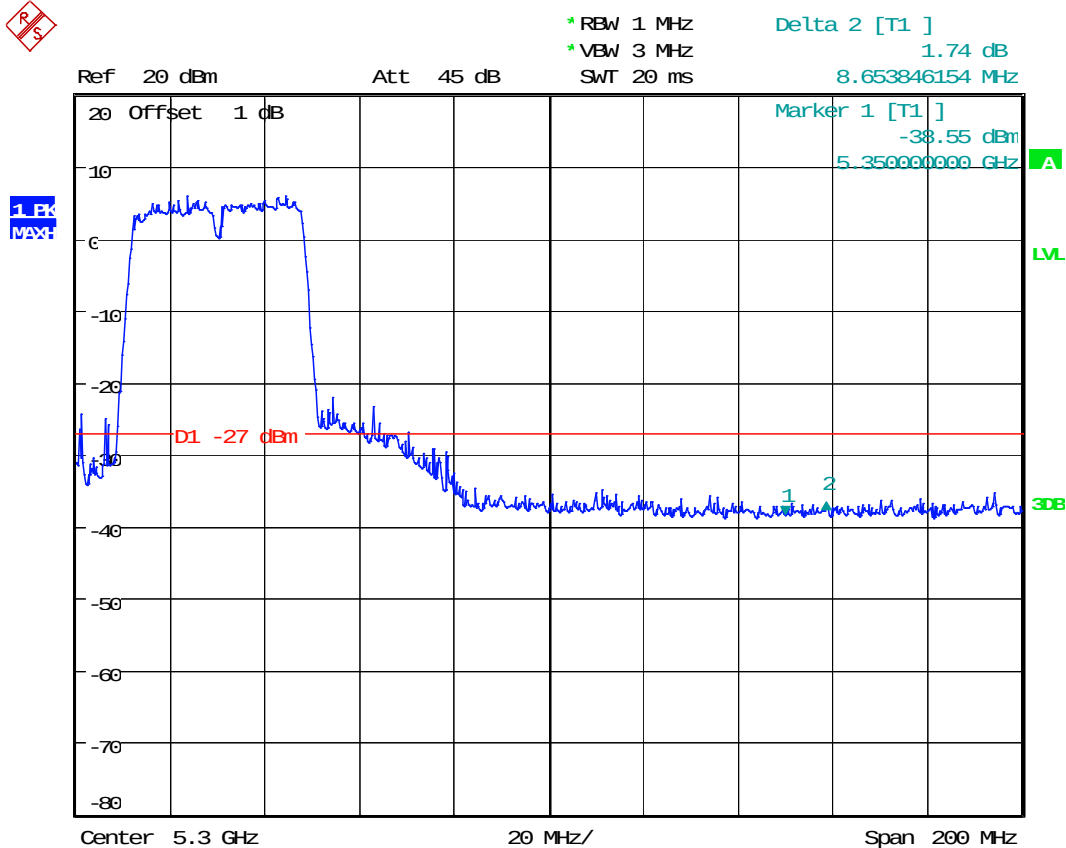
7.3311AC40_46 Ant 1



Date: 21.JUN.2014 06:13:22



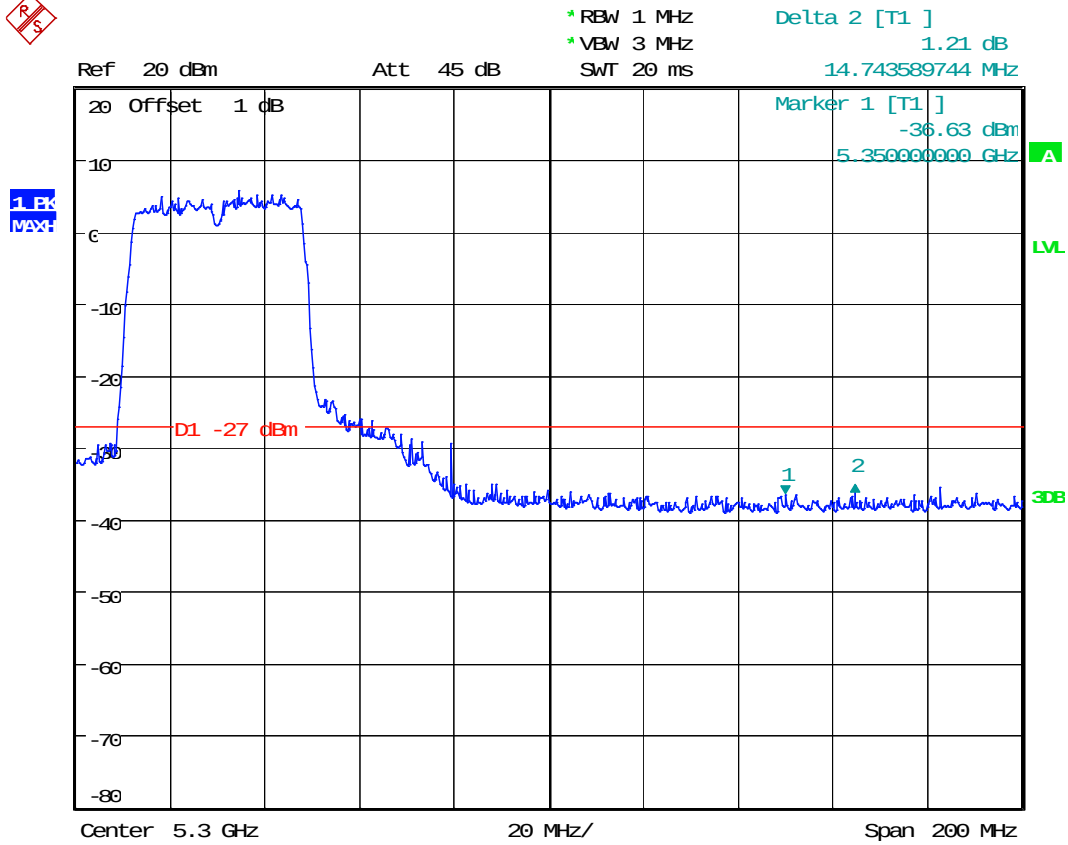
7.3411AC40_46 Ant 2



Date: 21.JUN.2014 06:13:53



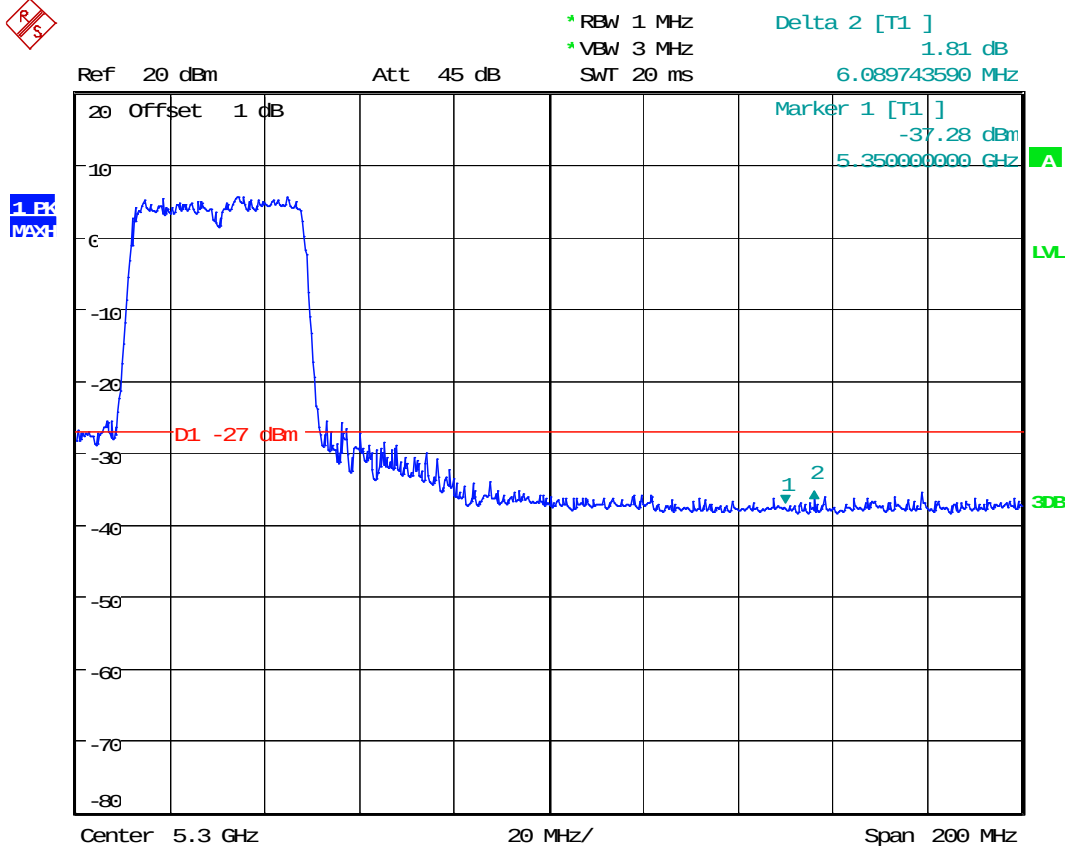
7.3511AC40M_46 Ant 1



Date: 21.JUN.2014 06:21:06



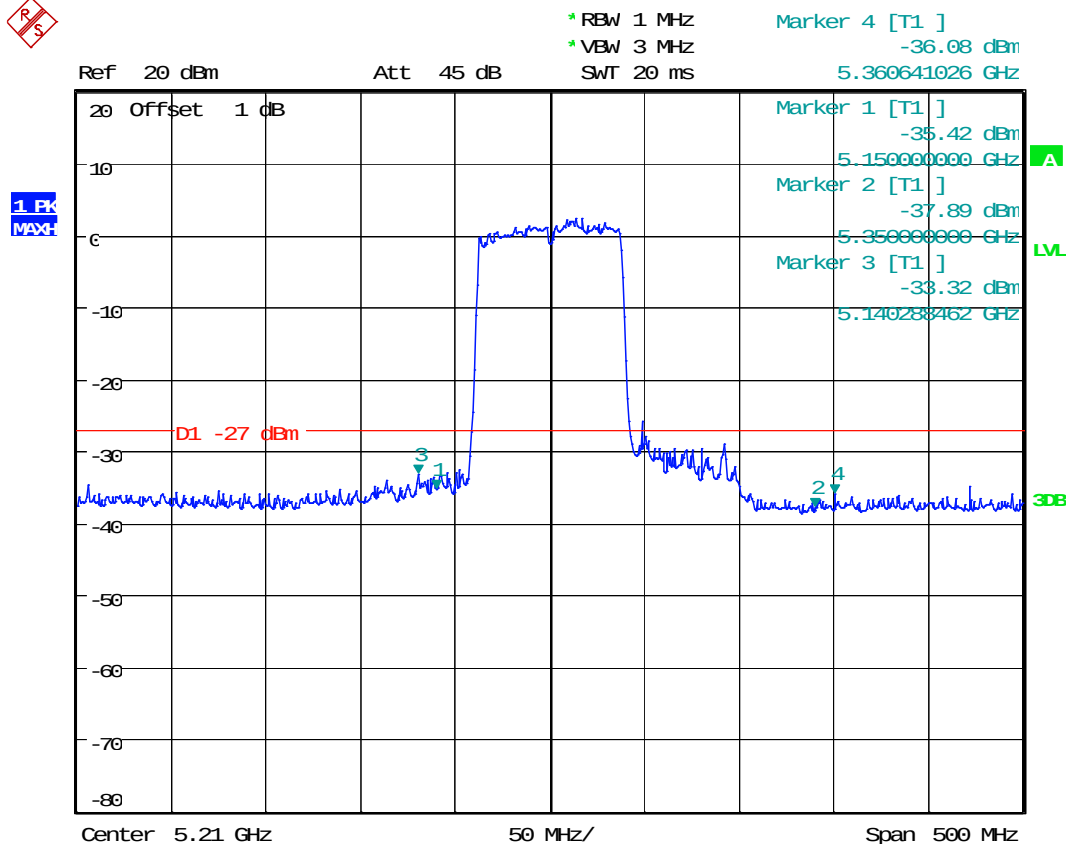
7.3611AC40M_46 Ant 2



Date: 21.JUN.2014 06:20:34



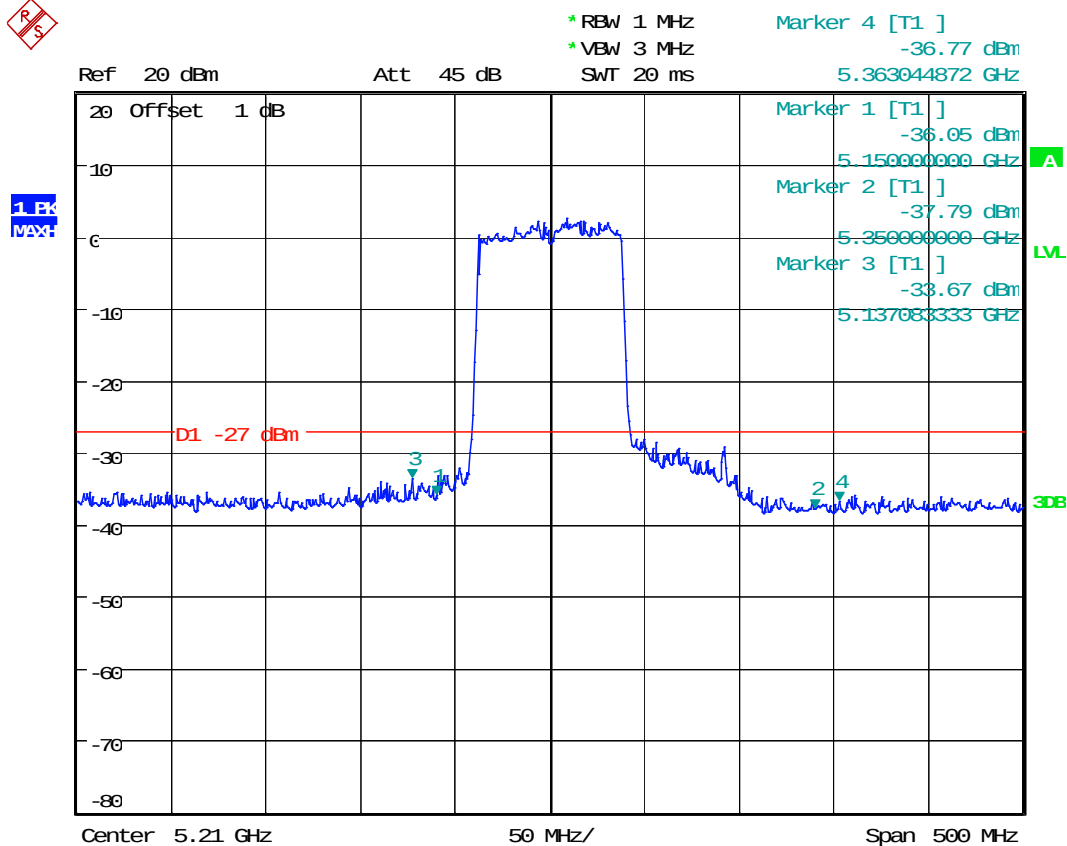
7.3711AC80_42 Ant 1



Date: 21.JUN.2014 06:24:58

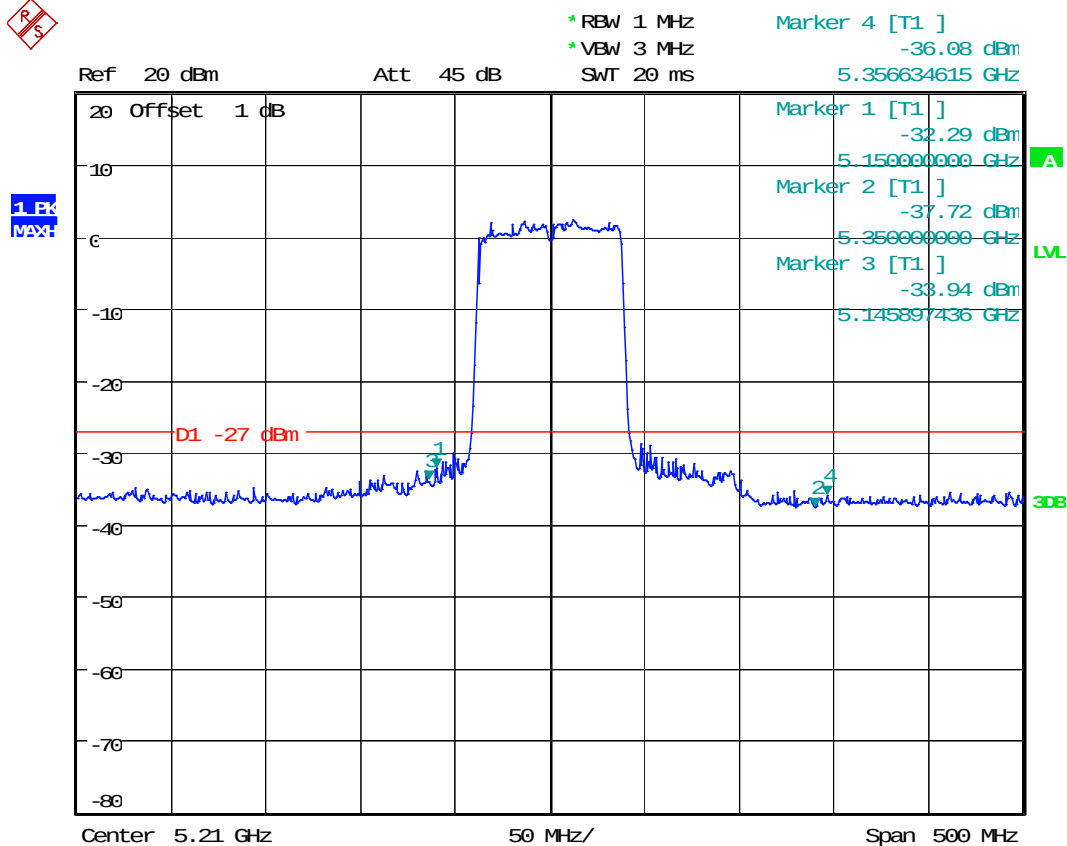


7.3811AC80_42 Ant 2



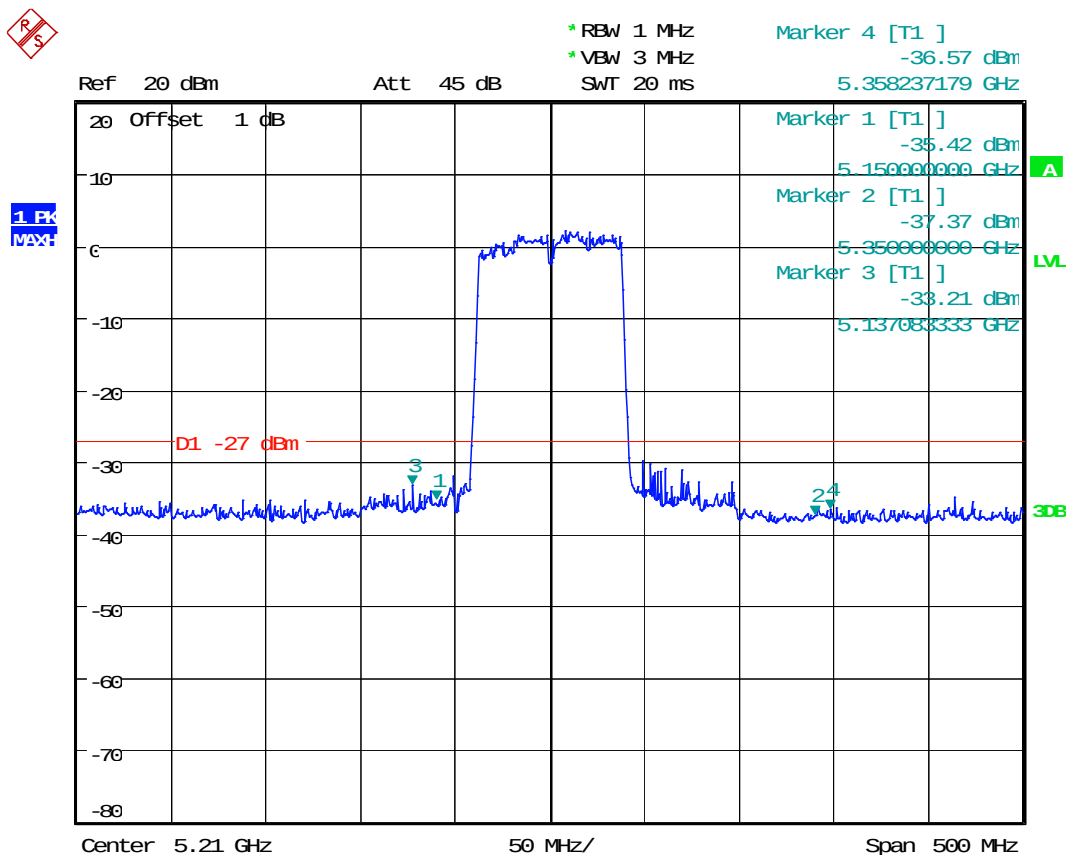
Date: 21.JUN.2014 06:25:36

7.3911AC80M_42 Ant 1



Date: 21.JUN.2014 06:23:27

7.4011AC80M_42 Ant 2



Date: 21.JUN.2014 06:24:09



Appendix E: Peak Excursion Ratio

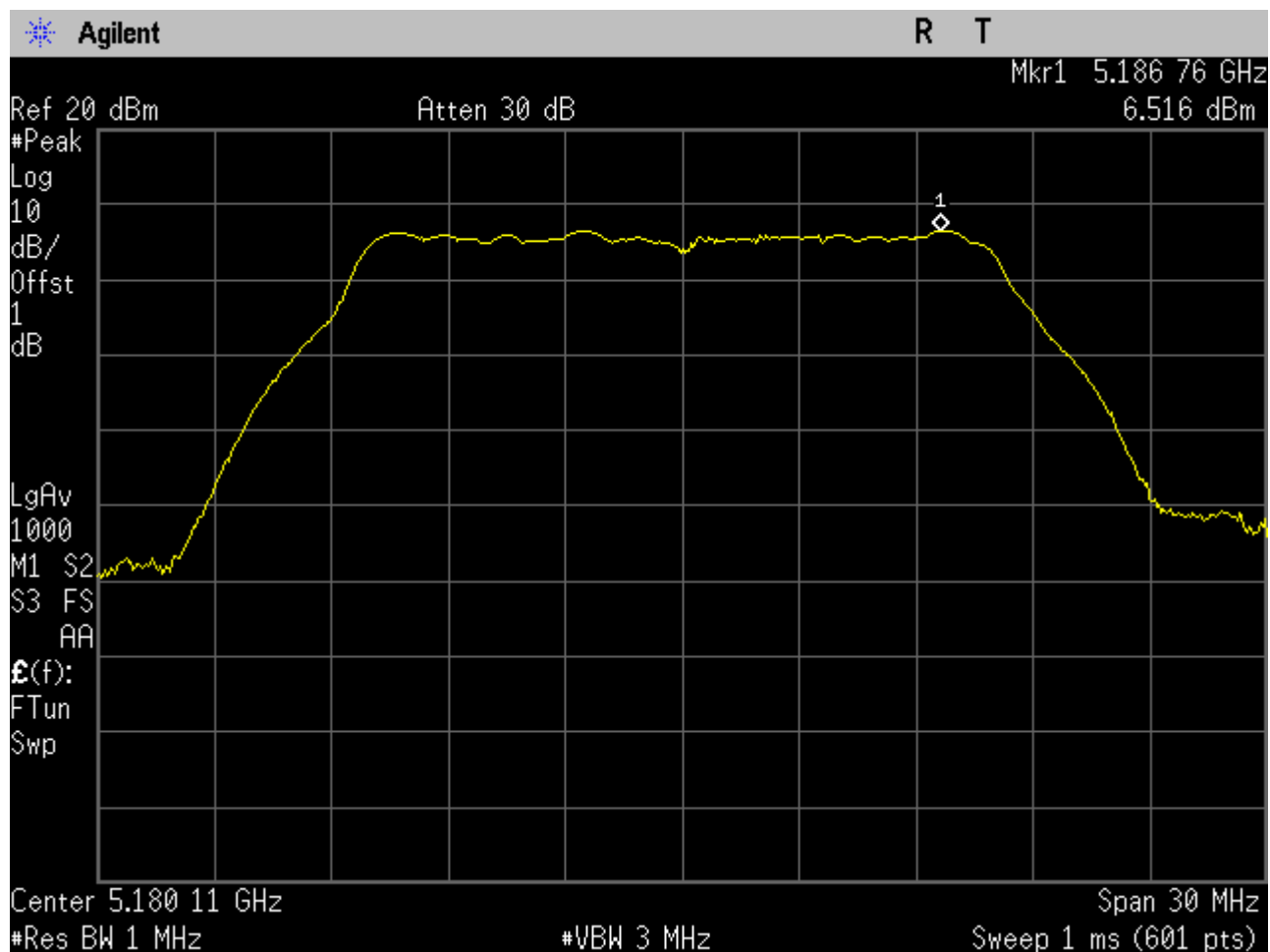
8 Result Table

Test Mode	Test Channel	Frequency [MHz]	Ant	PK Level [dBm]	PPSD[dBm]	Peak Excursion Ratio [dB]	Verdict
11A	36	5180	Ant 1	6.52	-1.51	8.03	pass
11A	36	5180	Ant 2	6.19	-2.46	8.65	pass
11A	40	5200	Ant 1	6.40	-1.92	8.32	pass
11A	40	5200	Ant 2	6.03	-2.26	8.29	pass
11A	48	5240	Ant 1	6.05	-2.30	8.35	pass
11A	48	5240	Ant 2	6.37	-1.96	8.33	pass
11N20	36	5180	Ant 1	7.03	-2.42	9.45	pass
11N20	36	5180	Ant 2	7.01	-2.61	9.62	pass
11N20M	36	5180	Ant 1	8.36	0.03	8.33	pass
11N20M	36	5180	Ant 2	6.68	-0.51	7.19	pass
11N20	40	5200	Ant 1	6.97	-2.59	9.56	pass
11N20	40	5200	Ant 2	7.10	-2.61	9.71	pass
11N20M	40	5200	Ant 1	7.36	0.22	7.14	pass
11N20M	40	5200	Ant 2	7.94	-0.29	8.23	pass
11N20	48	5240	Ant 1	6.89	-2.56	9.45	pass
11N20	48	5240	Ant 2	6.83	-2.41	9.24	pass
11N20M	48	5240	Ant 1	7.27	-0.16	7.43	pass
11N20M	48	5240	Ant 2	7.88	-0.25	8.13	pass
11N40	38	5190	Ant 1	4.85	-4.26	9.11	pass
11N40	38	5190	Ant 2	4.66	-4.40	9.06	pass
11N40M	38	5190	Ant 1	5.14	-4.32	9.46	pass
11N40M	38	5190	Ant 2	4.77	-4.32	9.09	pass
11N40	46	5230	Ant 1	4.66	-4.29	8.95	pass
11N40	46	5230	Ant 2	4.15	-4.43	8.58	pass
11N40M	46	5230	Ant 1	6.10	-4.38	10.48	pass
11N40M	46	5230	Ant 2	4.15	-4.43	8.58	pass
11AC20	36	5180	Ant 1	8.54	-0.95	9.49	pass
11AC20	36	5180	Ant 2	9.06	-1.38	10.44	pass
11AC20M	36	5180	Ant 1	8.54	-0.96	9.50	pass
11AC20M	36	5180	Ant 2	8.37	-1.14	9.51	pass
11AC20	40	5200	Ant 1	8.62	-0.89	9.51	pass
11AC20	40	5200	Ant 2	8.05	-1.27	9.32	pass
11AC20M	40	5200	Ant 1	8.11	-1.05	9.16	pass
11AC20M	40	5200	Ant 2	7.93	-1.18	9.11	pass

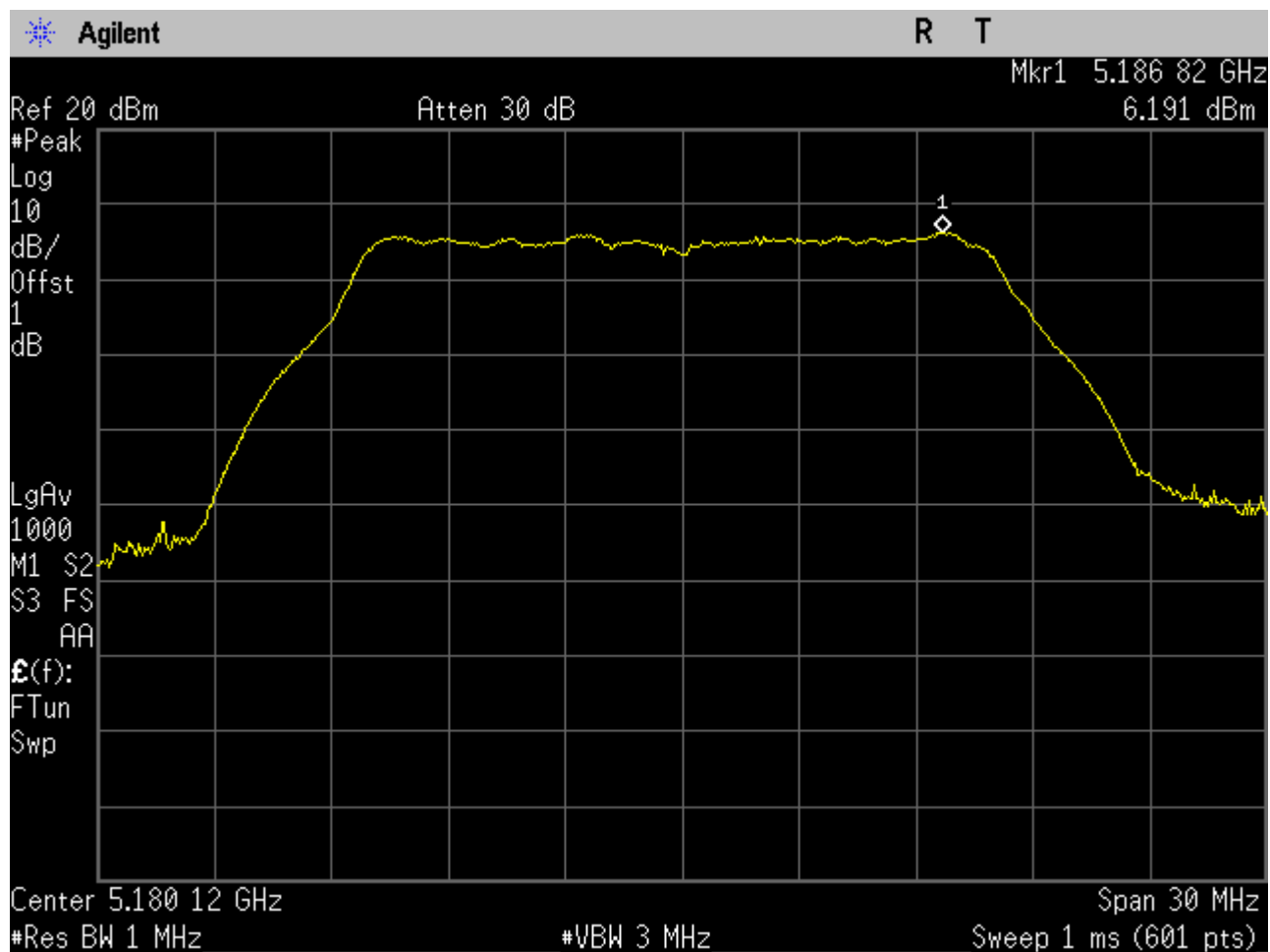
11AC20	48	5240	Ant 1	8.00	-1.29	9.29	pass
11AC20	48	5240	Ant 2	8.98	-1.02	10.00	pass
11AC20M	48	5240	Ant 1	8.36	-1.14	9.50	pass
11AC20M	48	5240	Ant 2	7.54	-1.22	8.76	pass
11AC40	38	5190	Ant 1	6.08	-3.11	9.19	pass
11AC40	38	5190	Ant 2	5.51	-3.63	9.14	pass
11AC40M	38	5190	Ant 1	5.99	-3.47	9.46	pass
11AC40M	38	5190	Ant 2	5.18	-3.69	8.87	pass
11AC40	46	5230	Ant 1	5.89	-3.59	9.48	pass
11AC40	46	5230	Ant 2	5.68	-3.50	9.18	pass
11AC40M	46	5230	Ant 1	5.87	-3.39	9.26	pass
11AC40M	46	5230	Ant 2	5.23	-3.62	8.85	pass
11AC80	42	5210	Ant 1	1.97	-6.44	8.41	pass
11AC80	42	5210	Ant 2	1.92	-6.71	8.63	pass
11AC80	42	5210	Ant 1	3.12	-6.84	9.96	pass
11AC80	42	5210	Ant 2	1.71	-7.27	8.98	pass

9 Test Plot

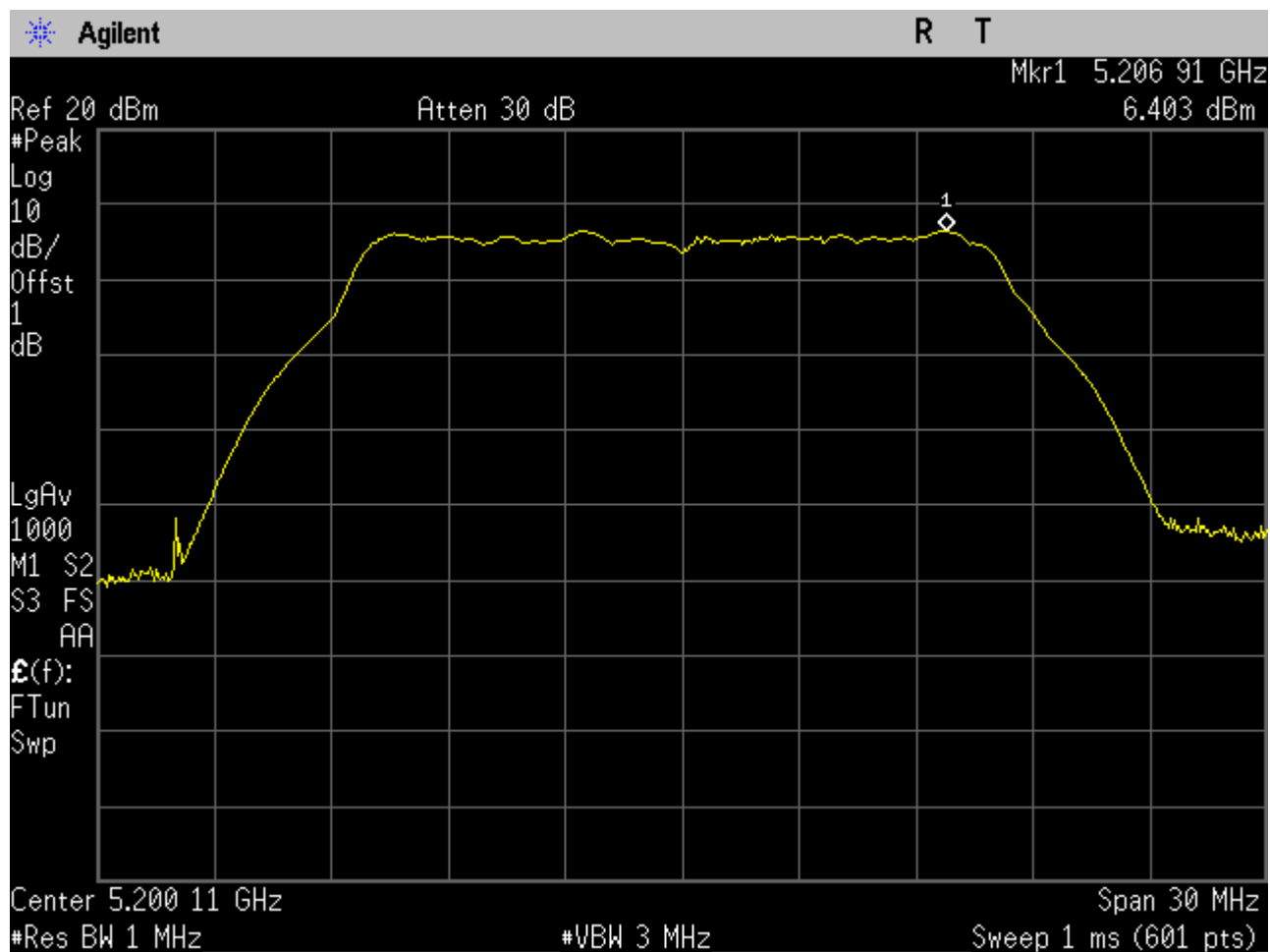
9.1 11A_36 Ant 1



9.2 11A_36 Ant 2

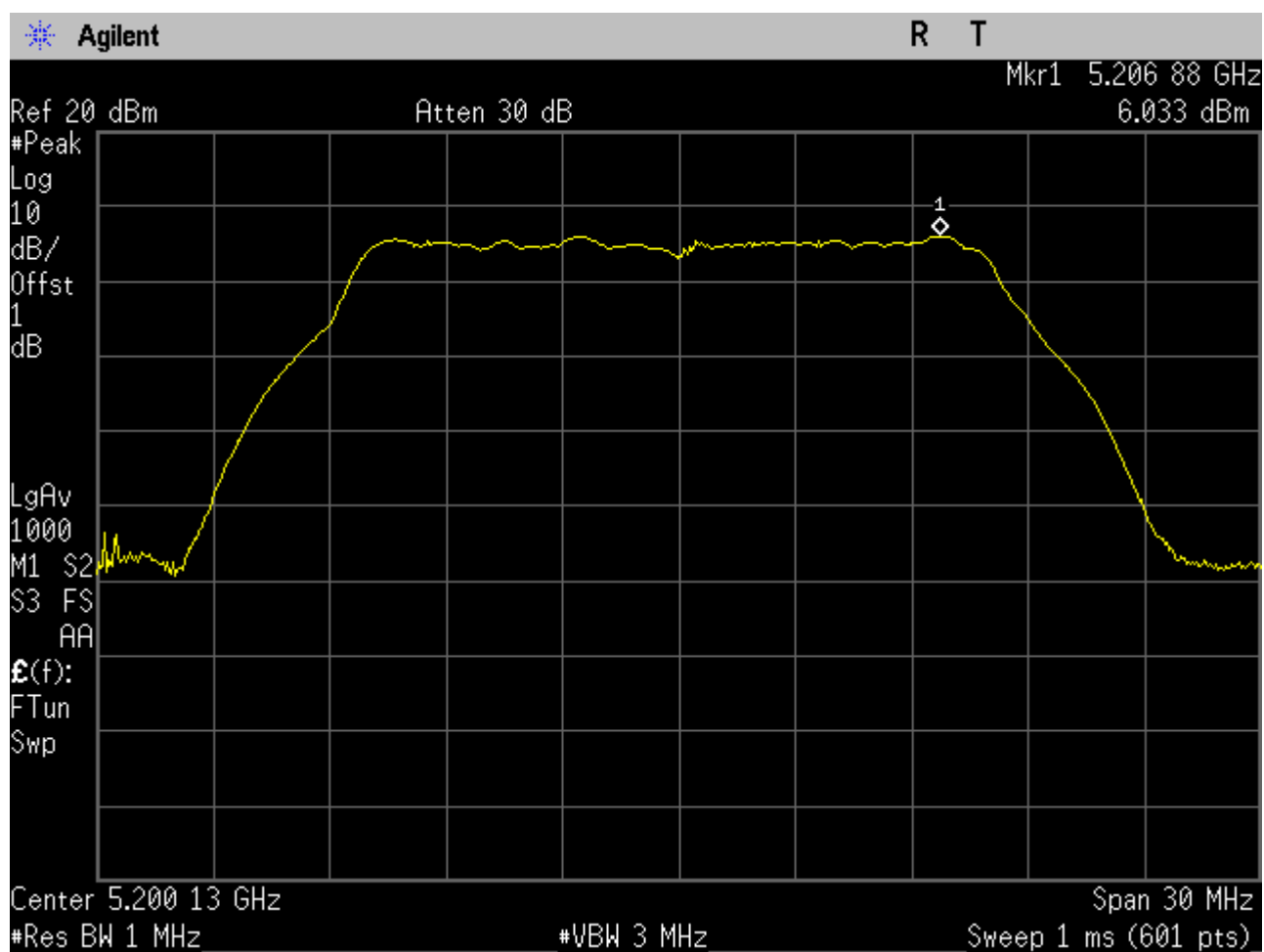


9.3 11A_40 Ant 1

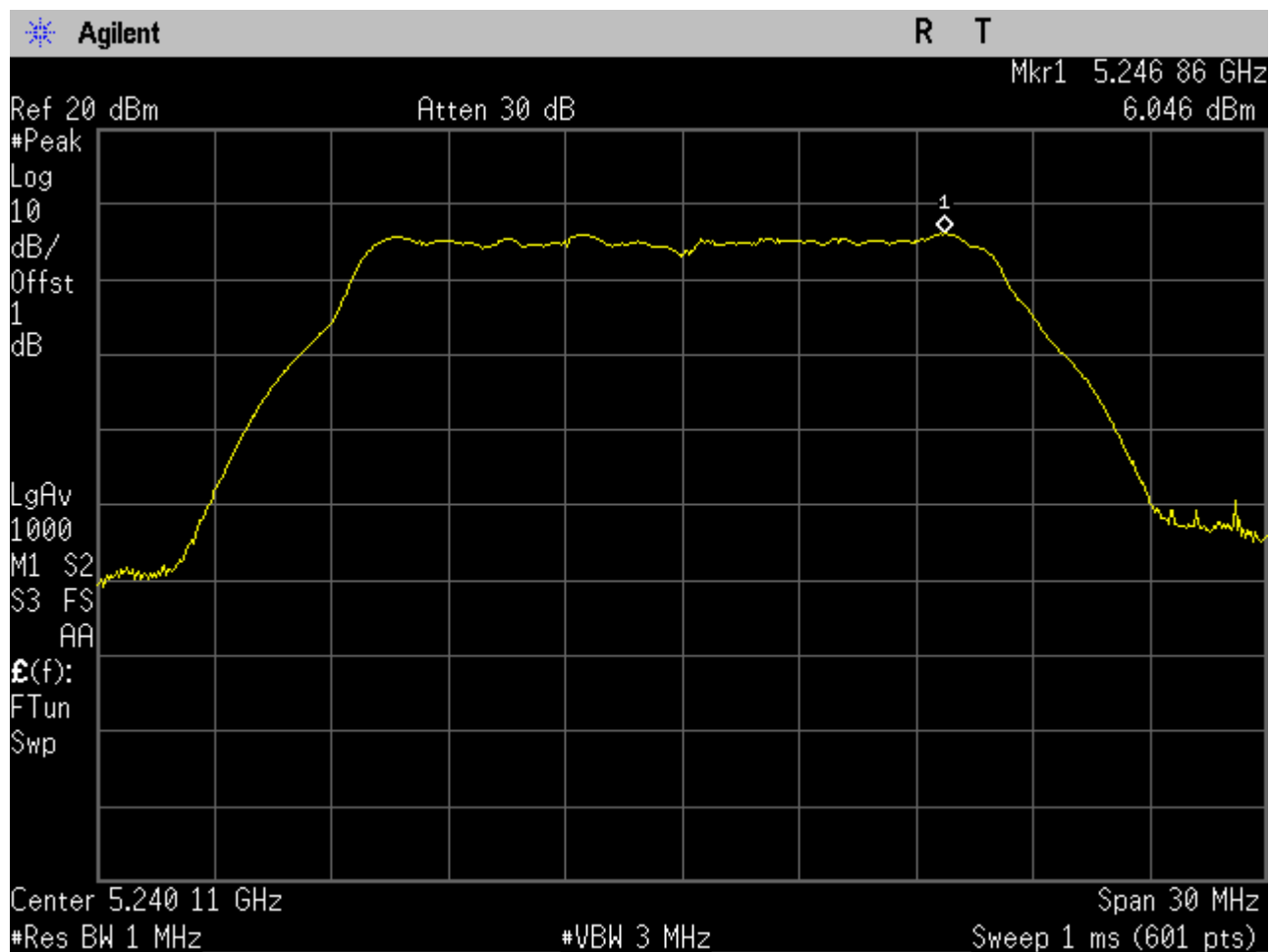




9.4 11A_40 Ant 2

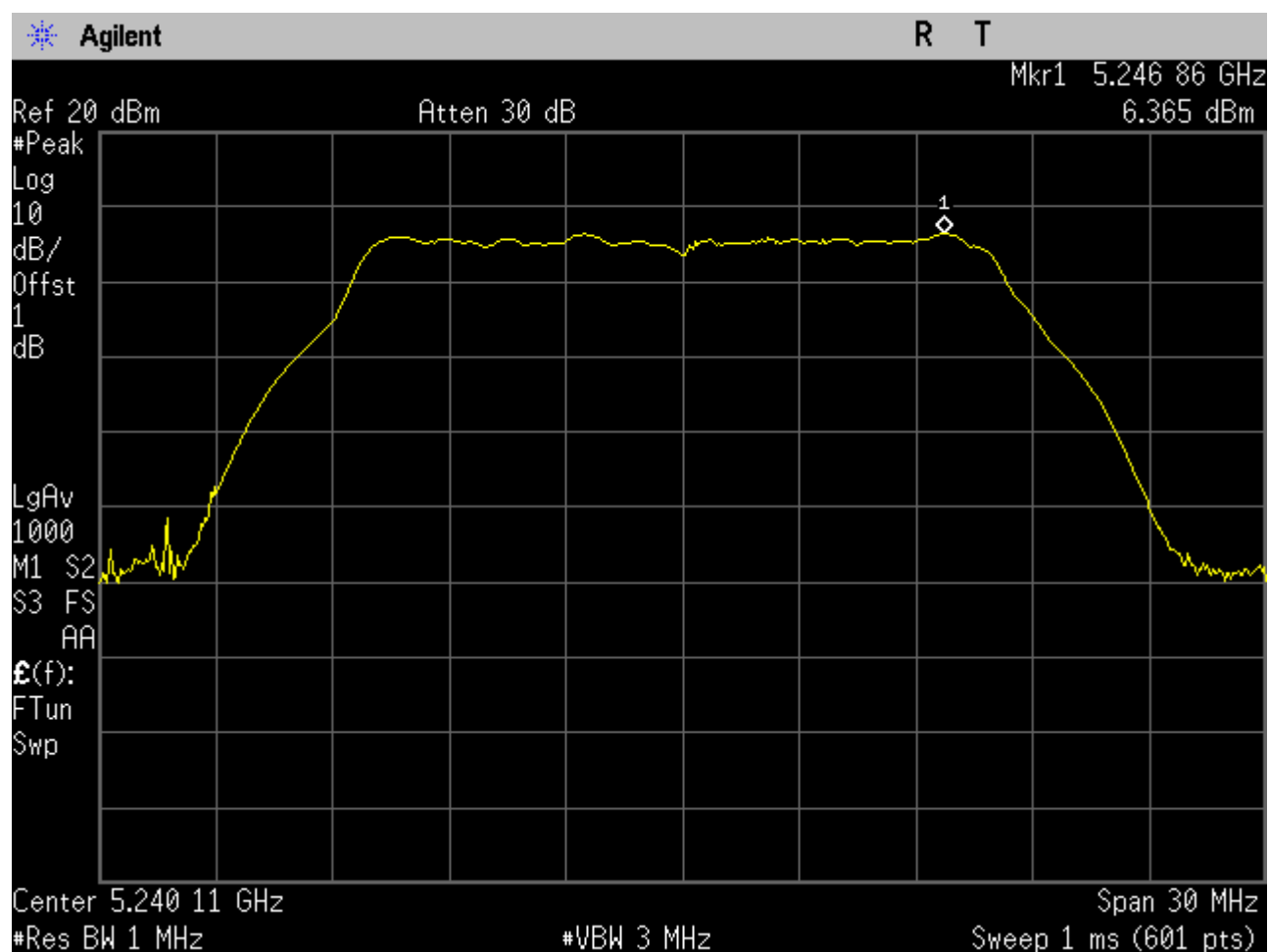


9.5 11A_48 Ant 1

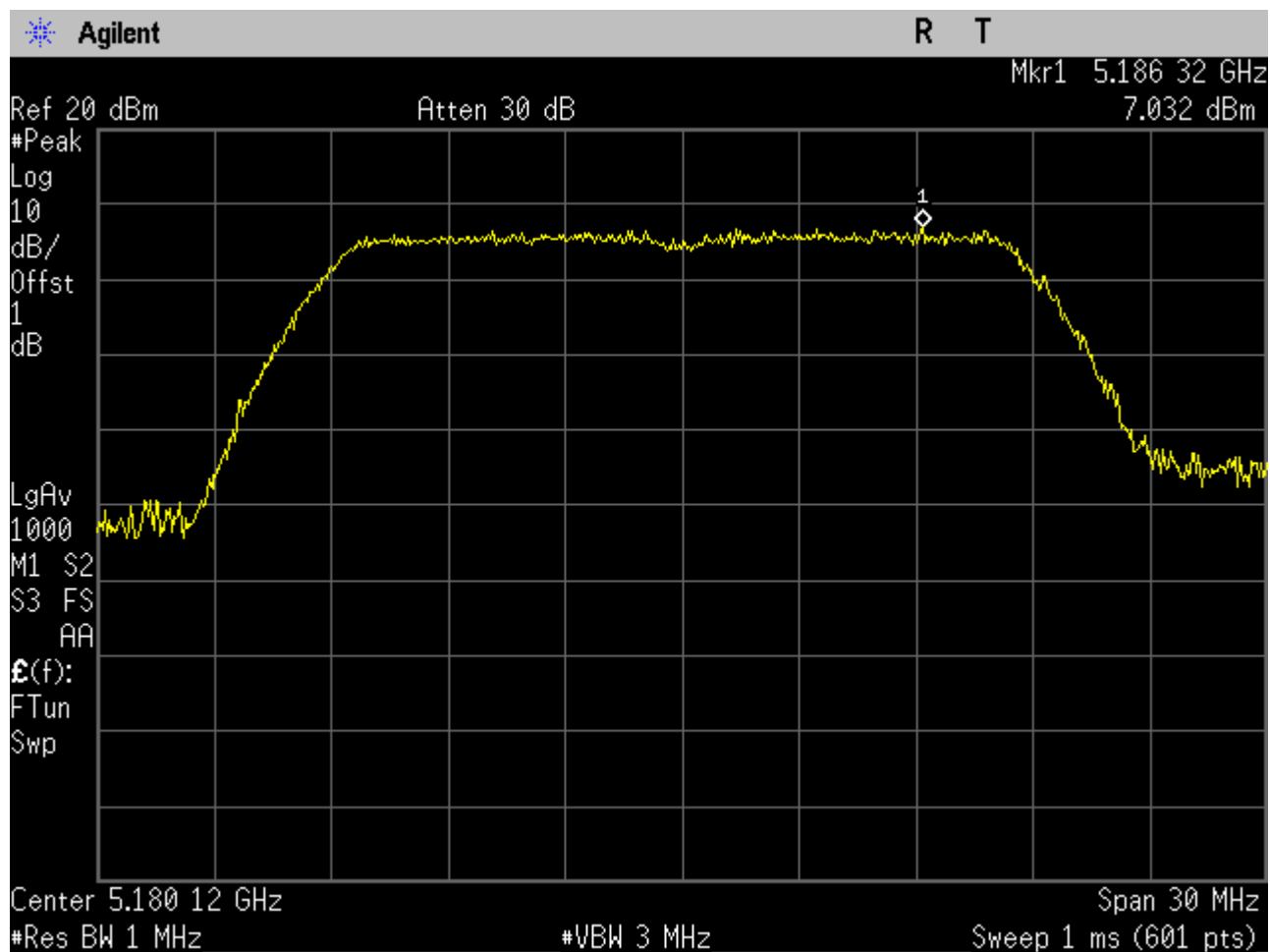




9.6 11A_48 Ant 2

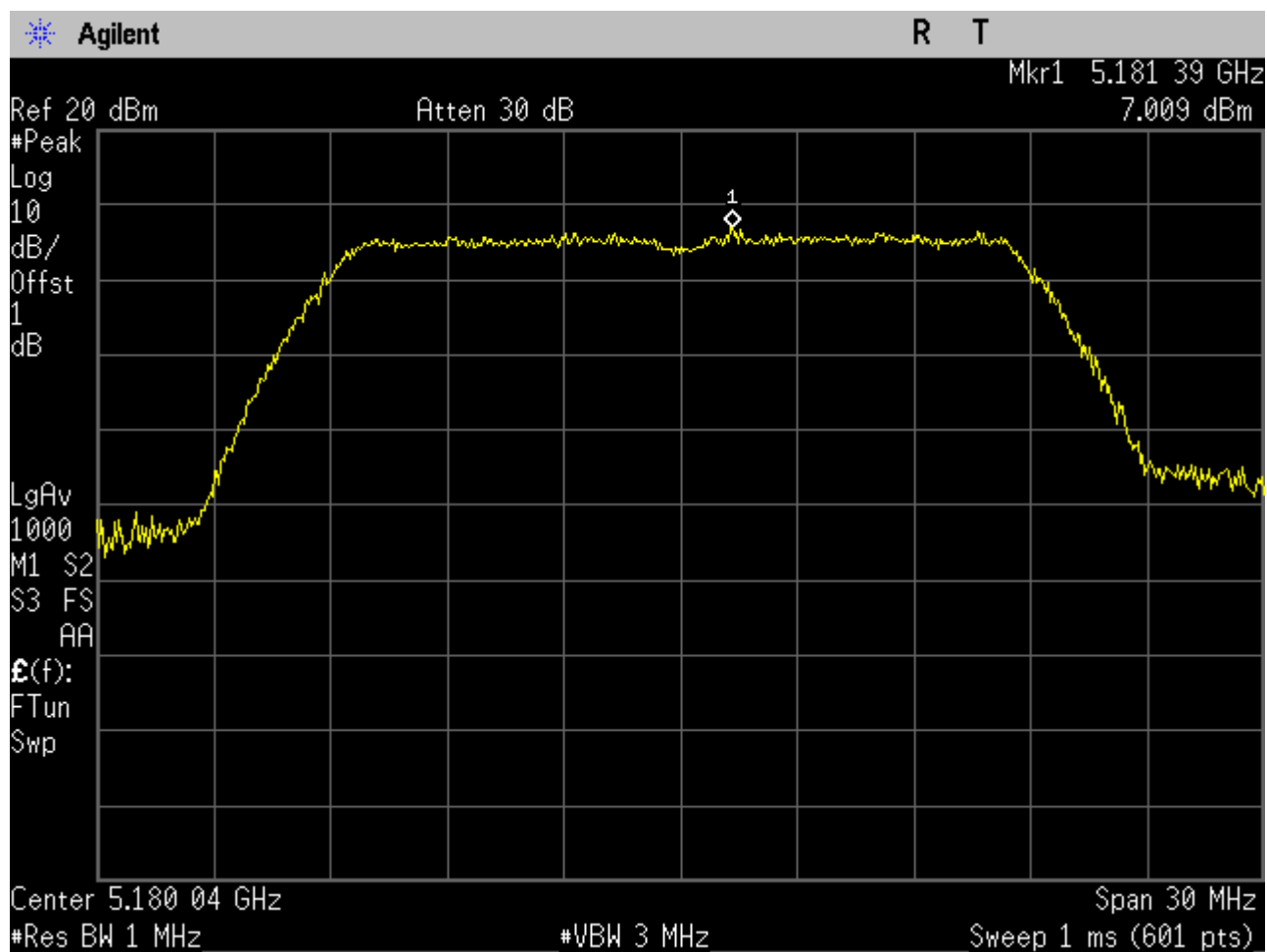


9.7 11N20_36 Ant 1

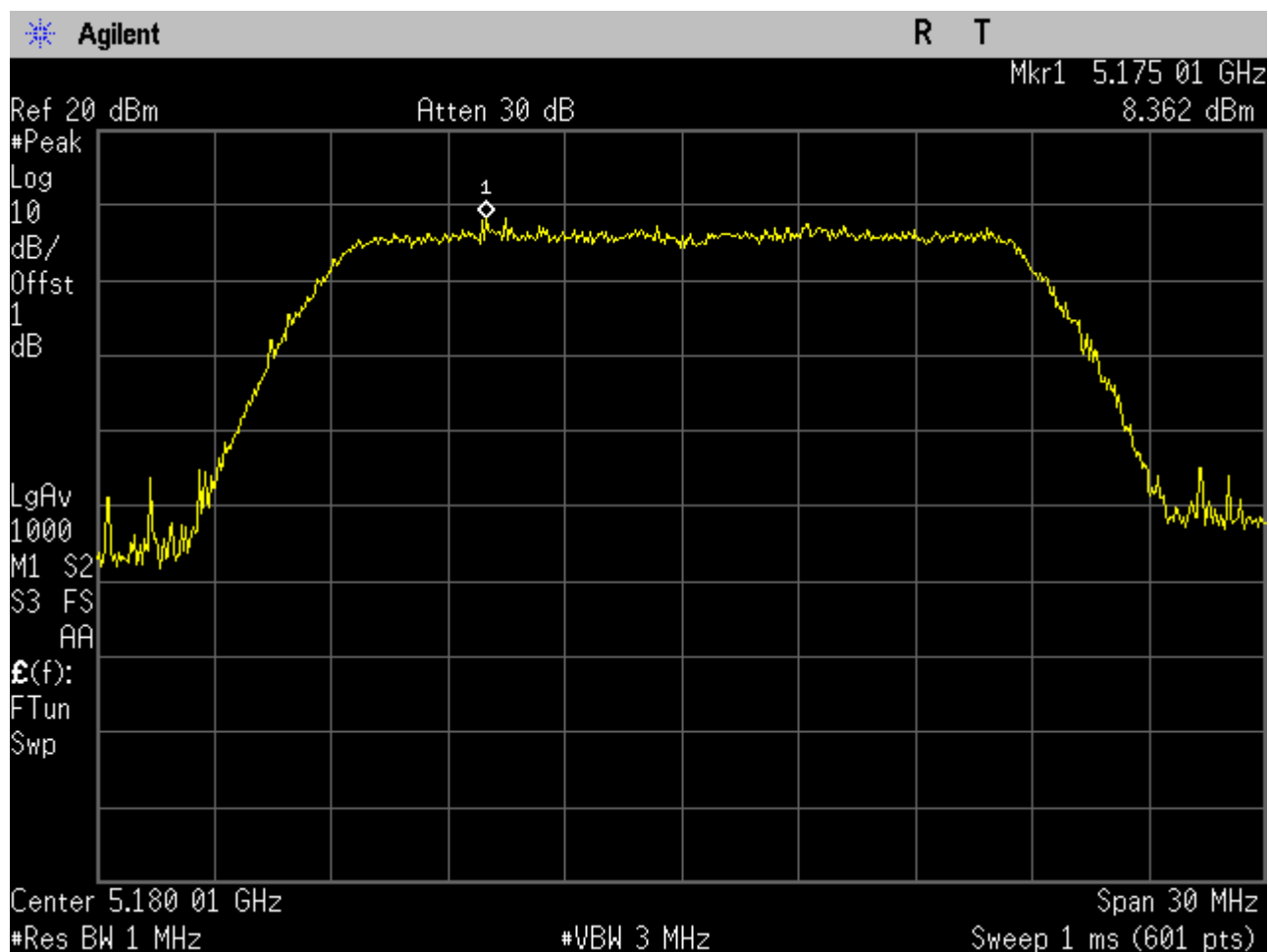




9.8 11N20_36 Ant 2

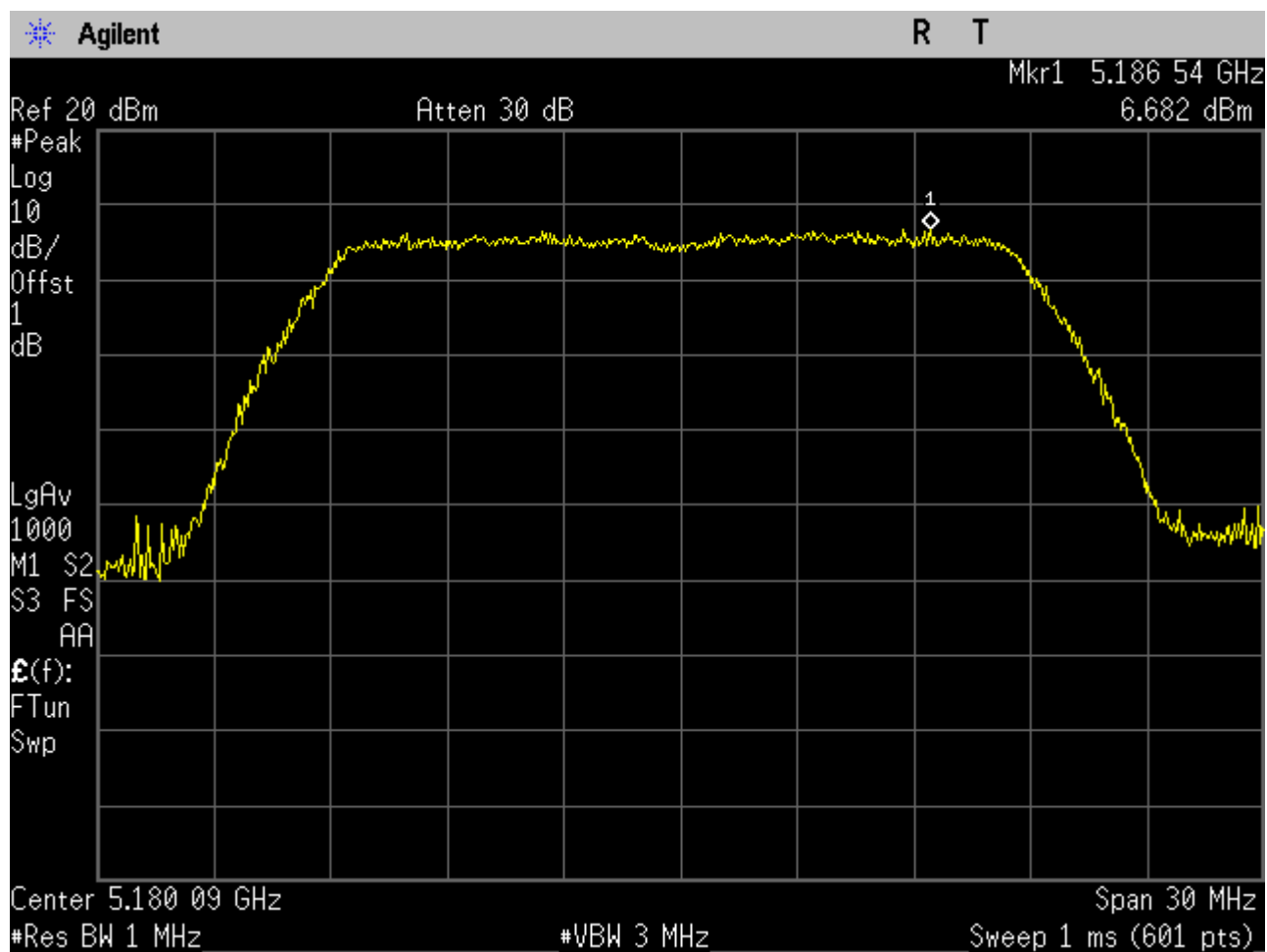


9.9 11N20M_36 Ant 1



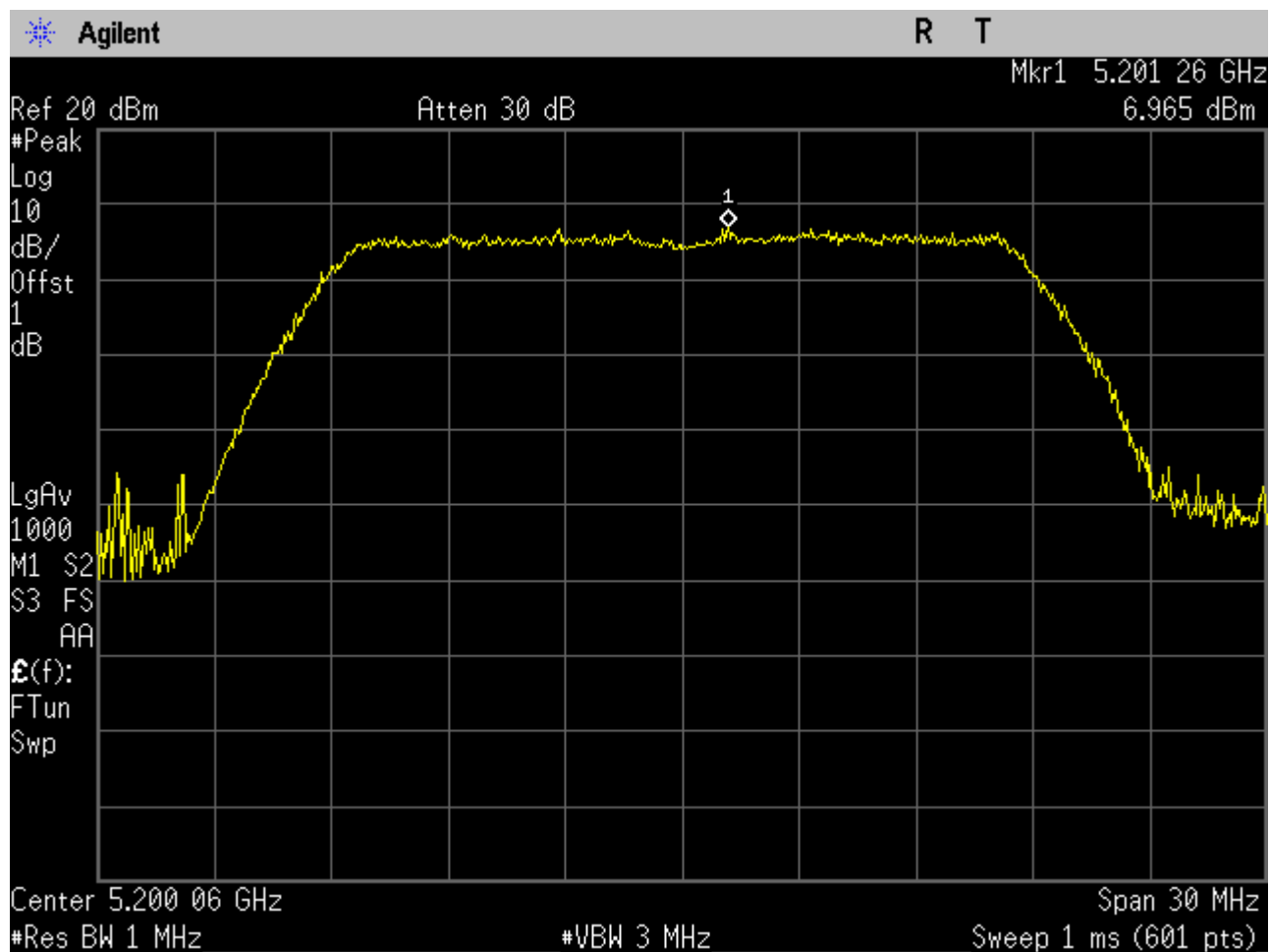


9.1011N20M_36 Ant 2



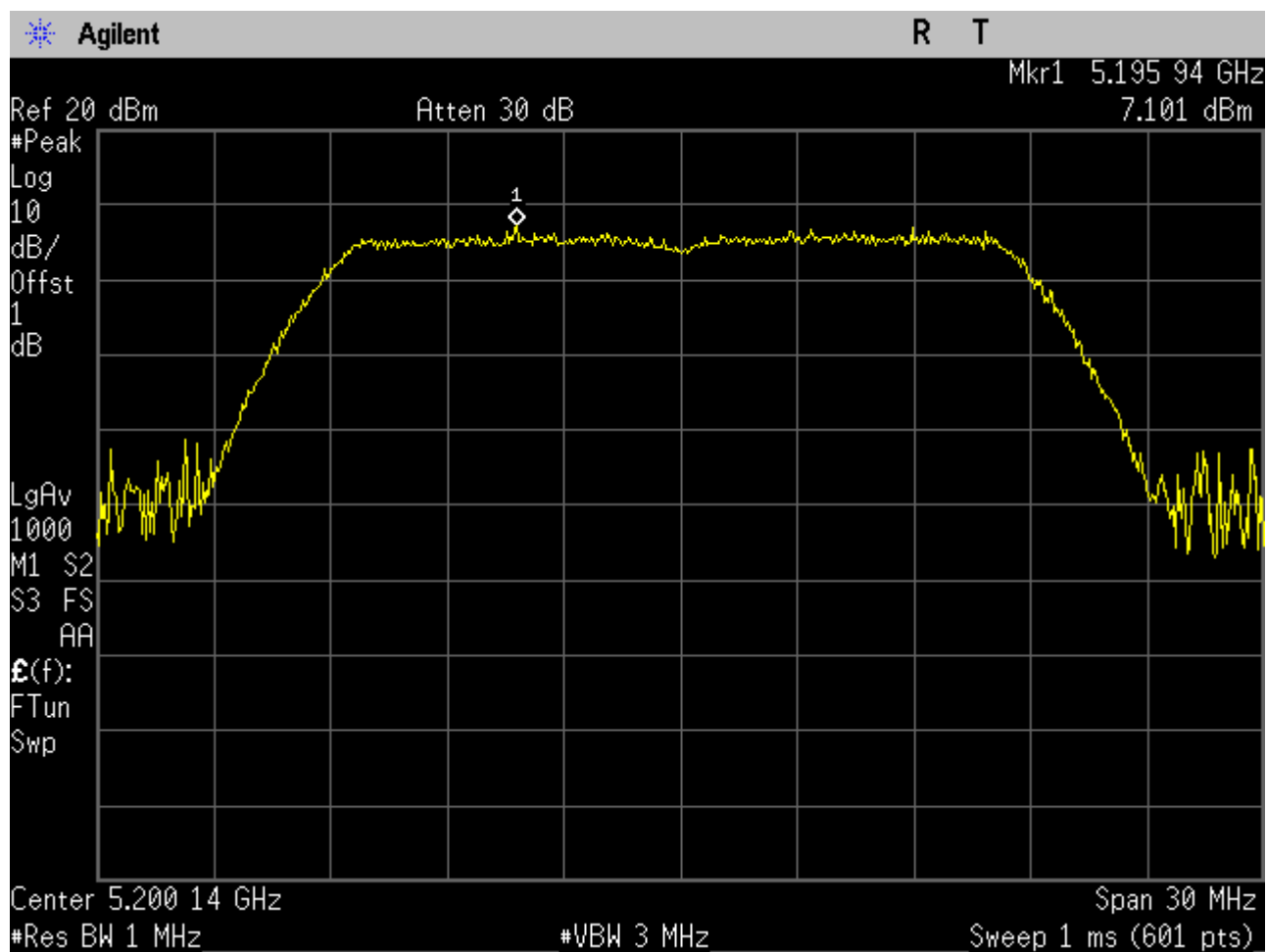


9.1111N20_40 Ant 1

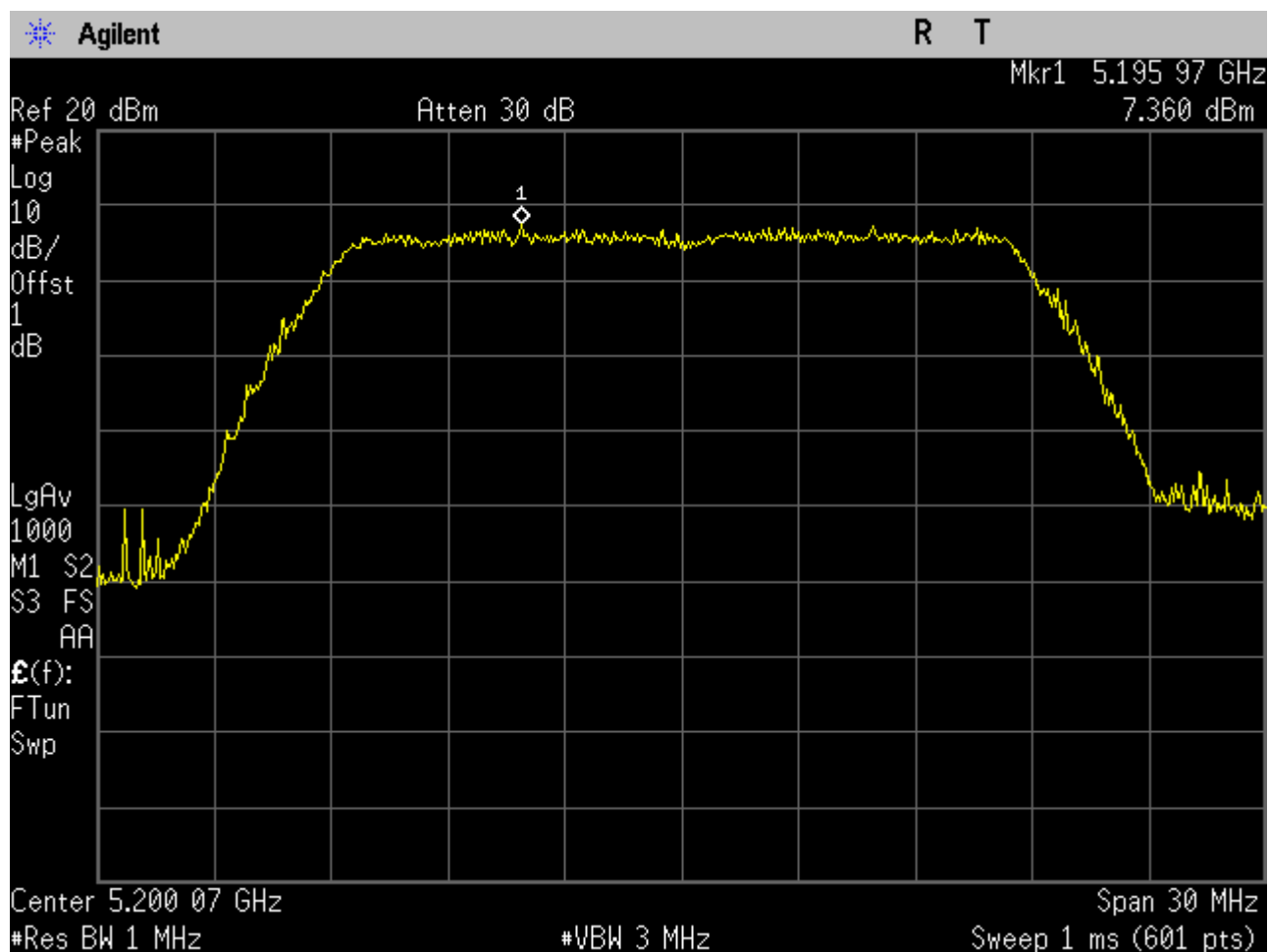




9.1211N20_40 Ant 2

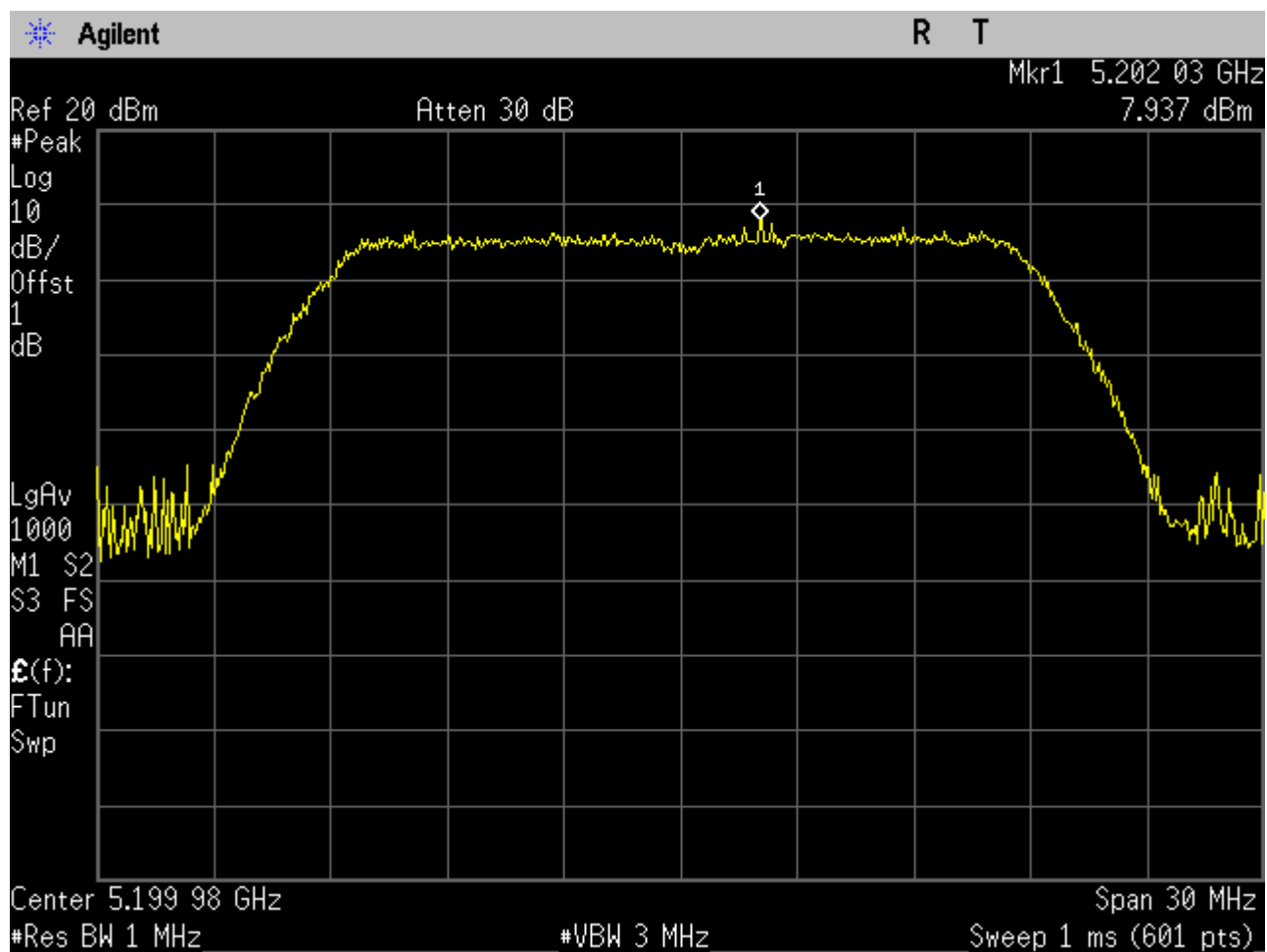


9.1311N20M_40 Ant 1

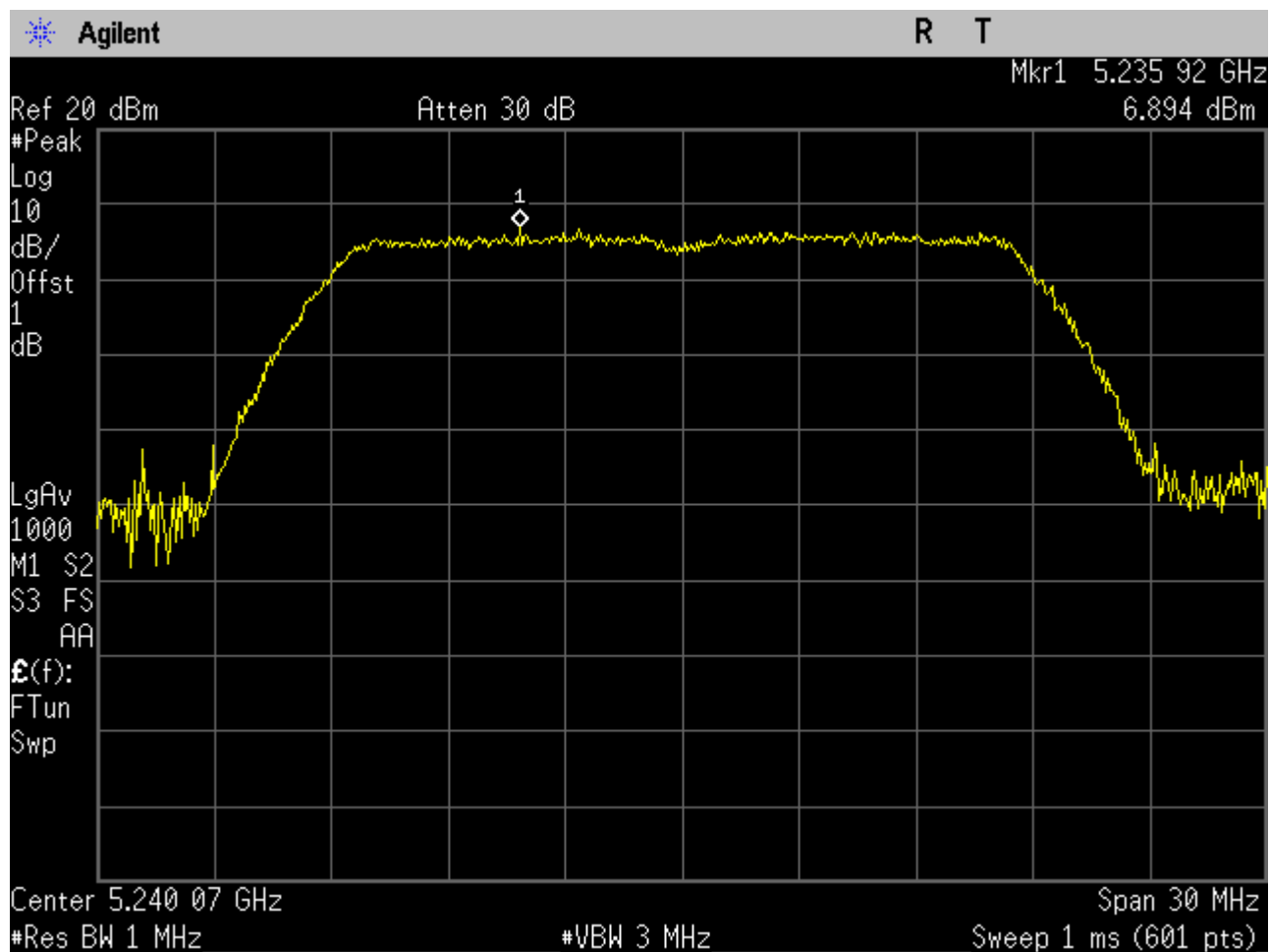




9.1411N20M_40 Ant 2

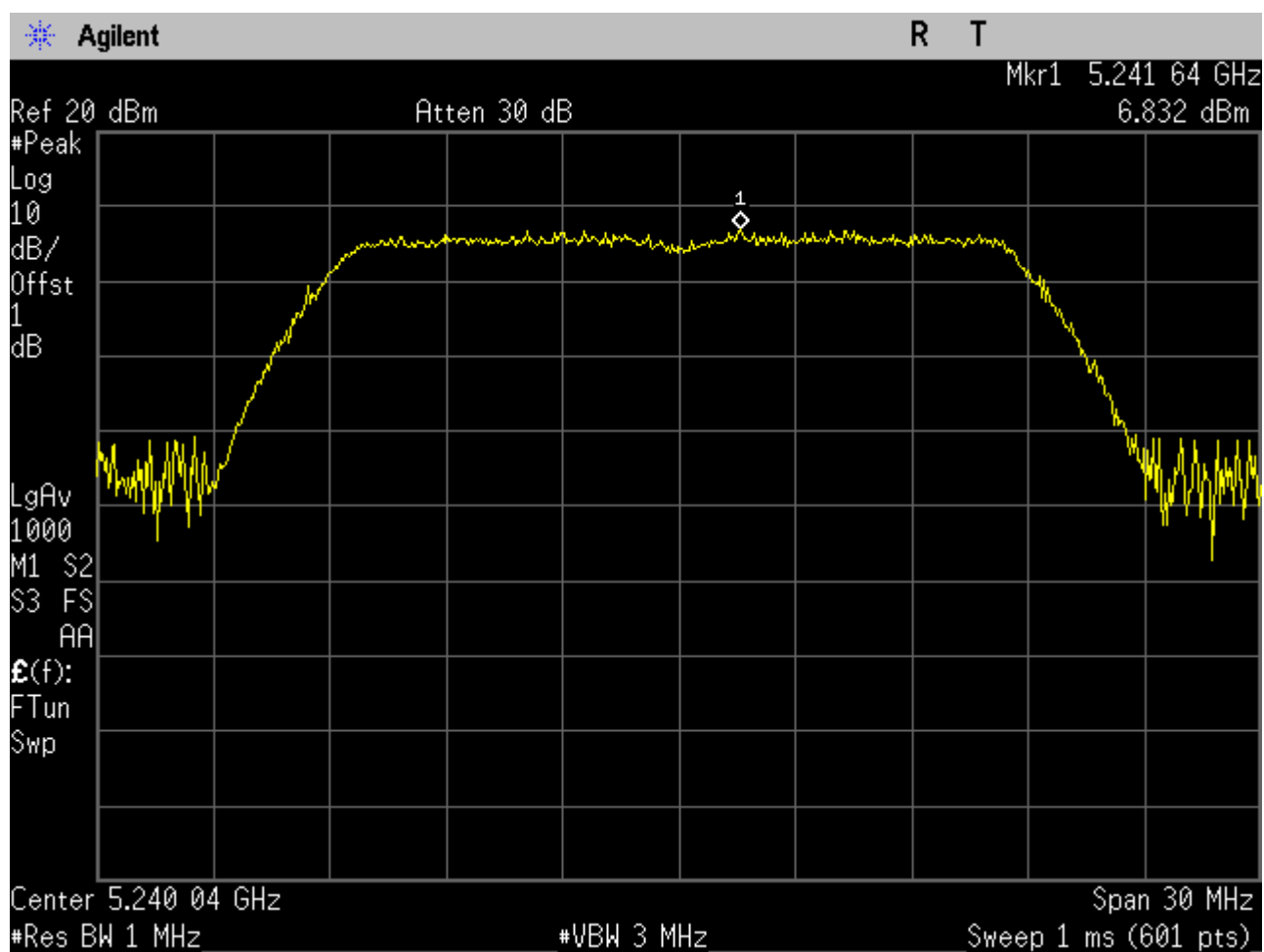


9.1511N20_48 Ant 1



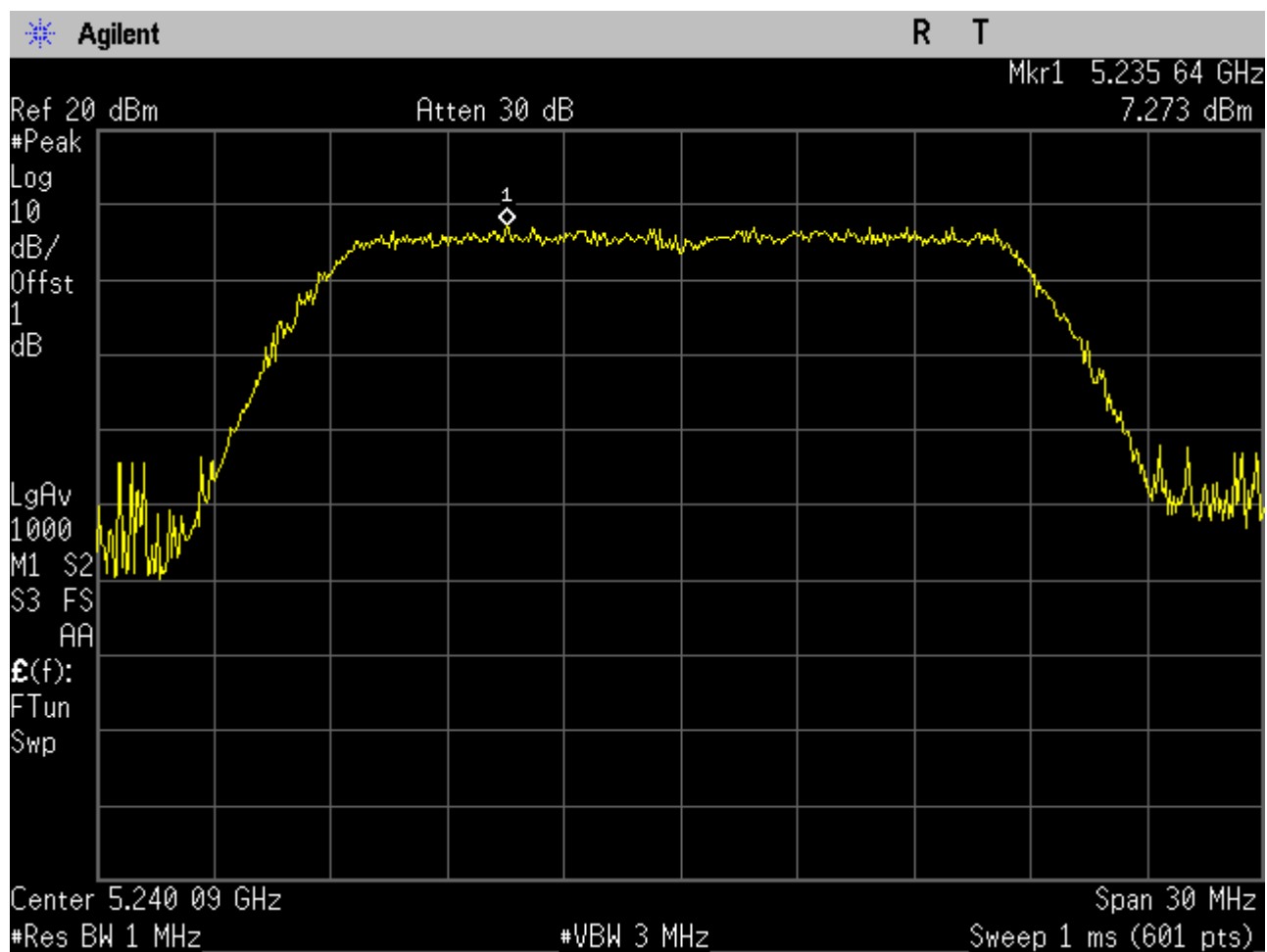


9.1611N20_48 Ant 2



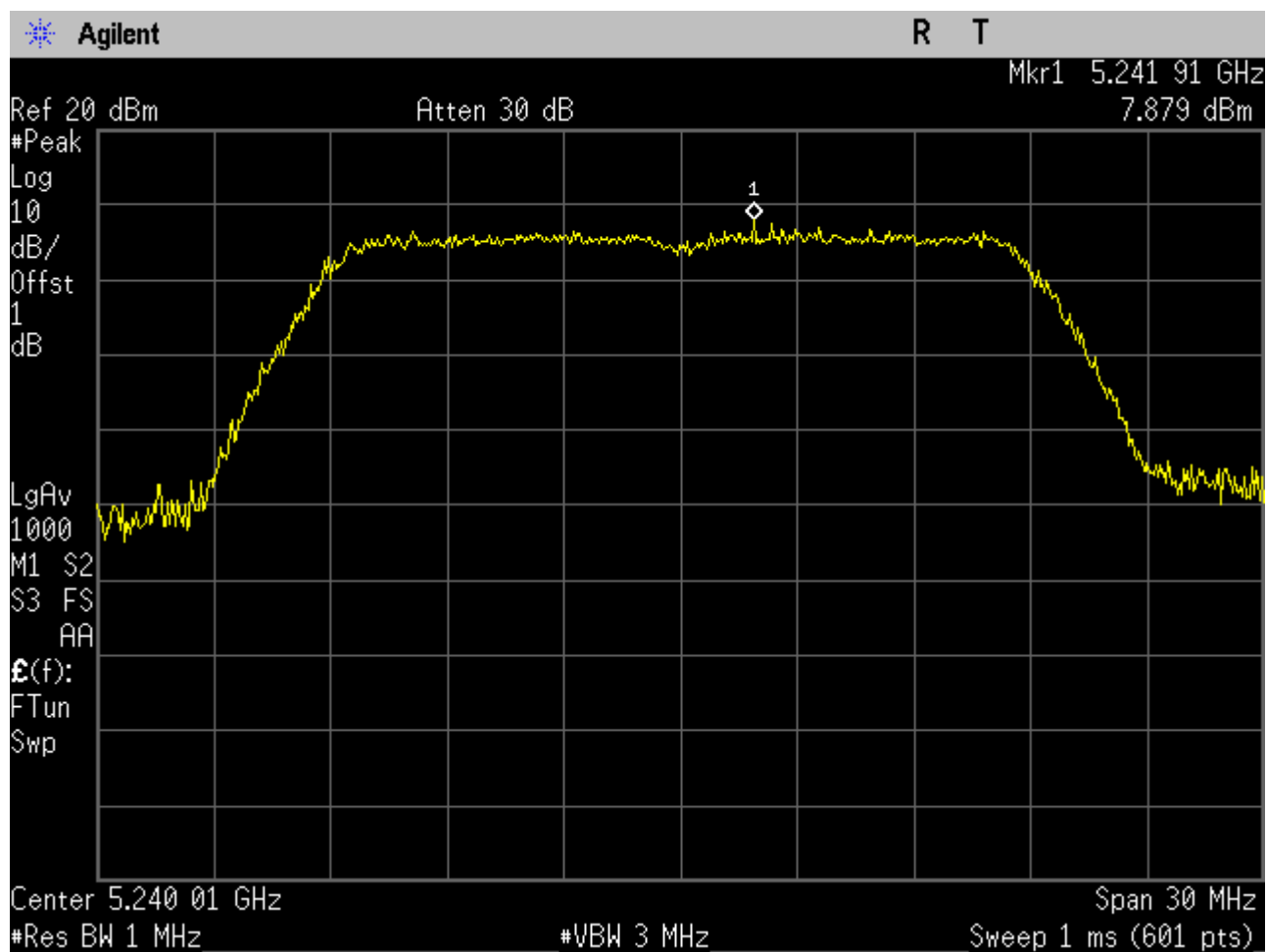


9.1711N20M_48 Ant 1

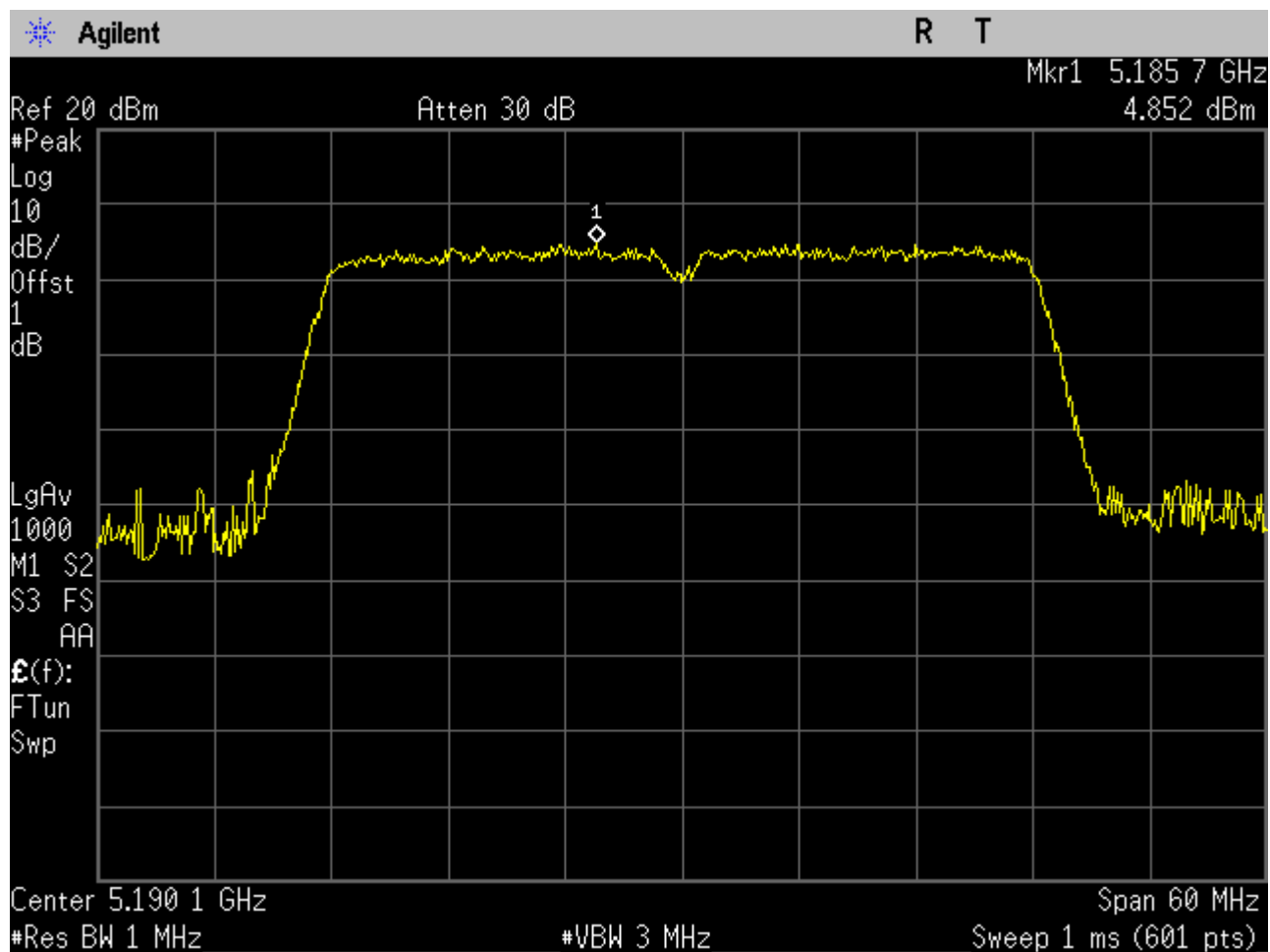




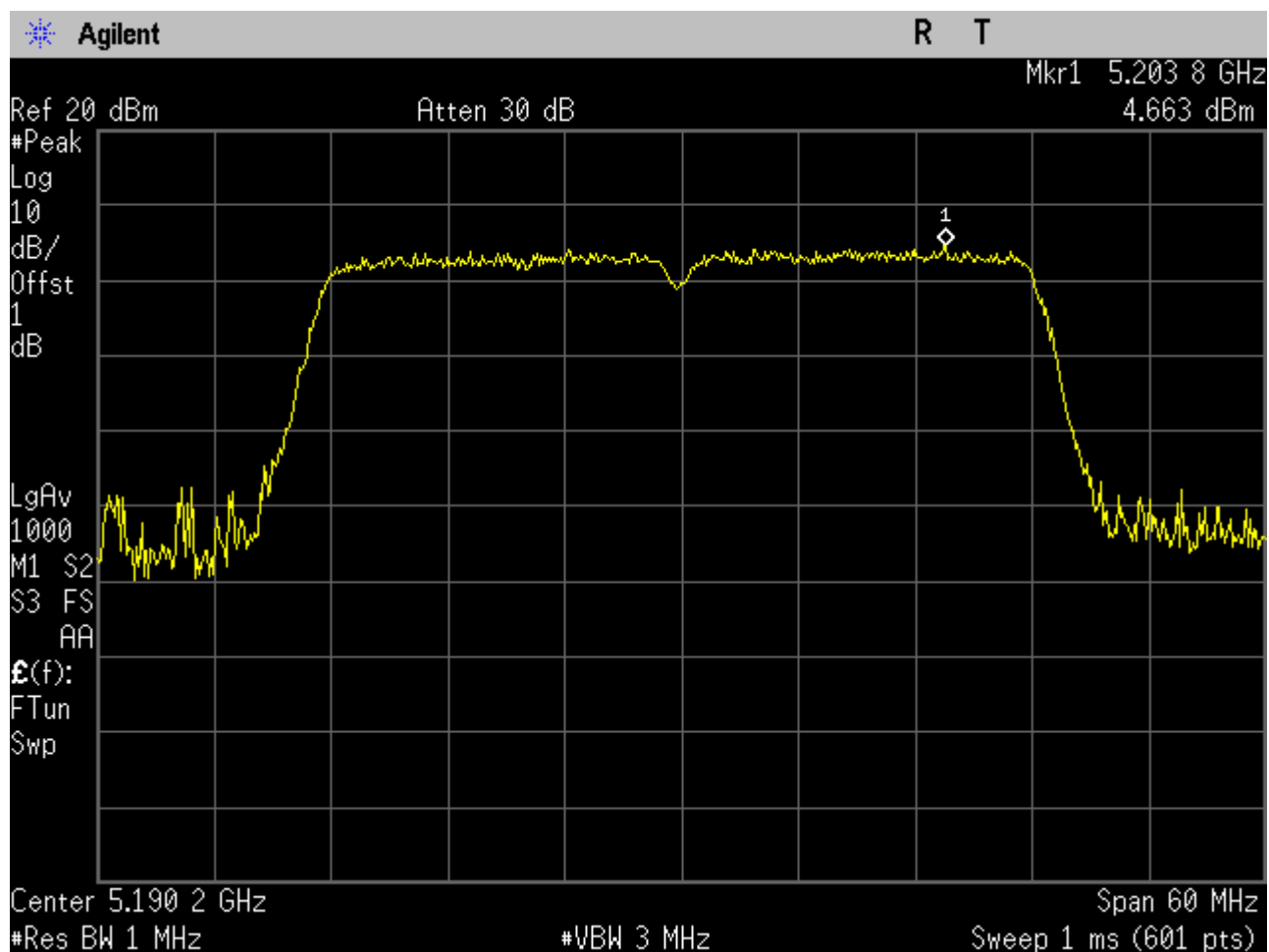
9.1811N20M_48 Ant 2



9.1911N40_38 Ant 1

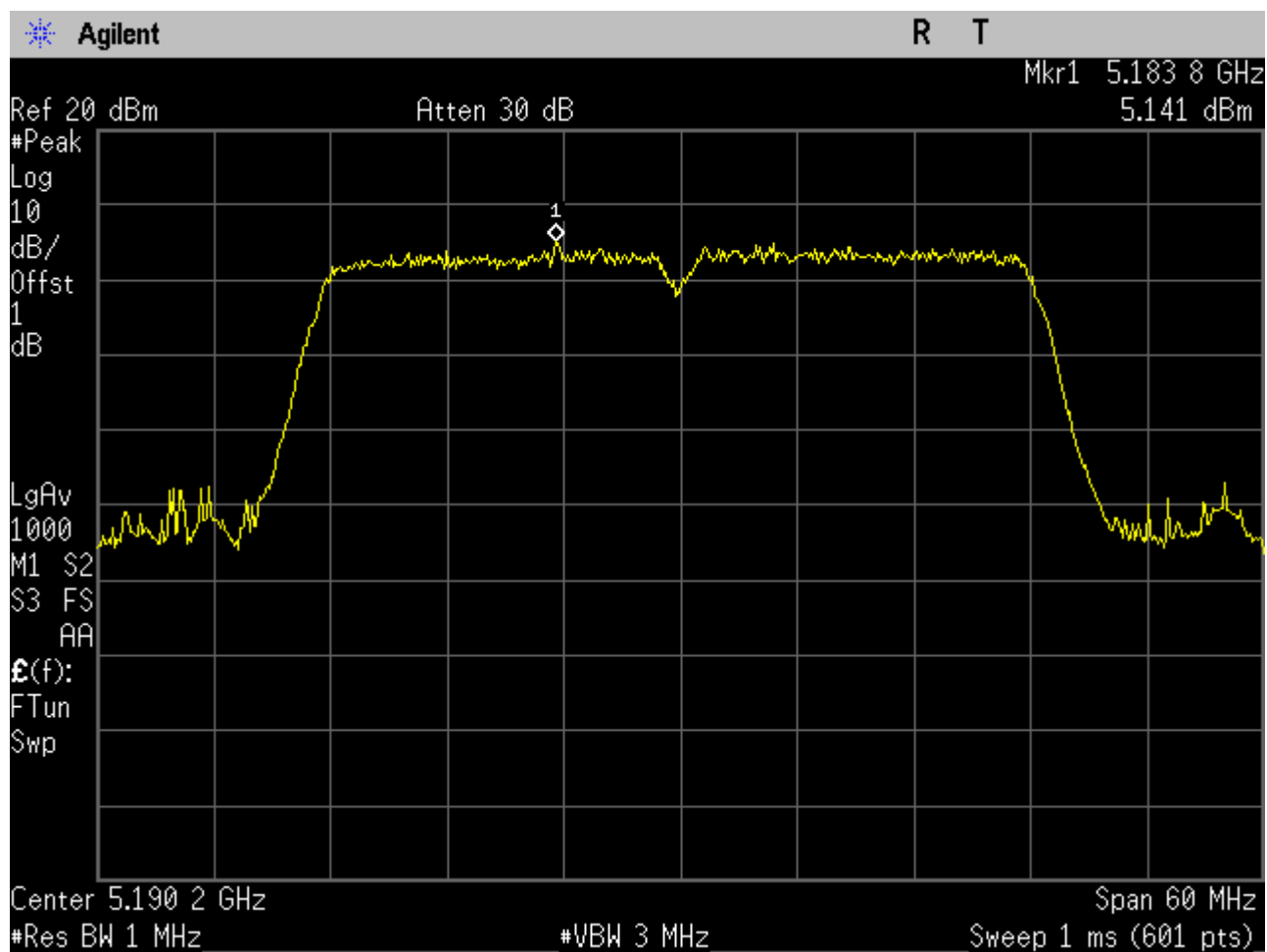


9.2011N40_38 Ant 2



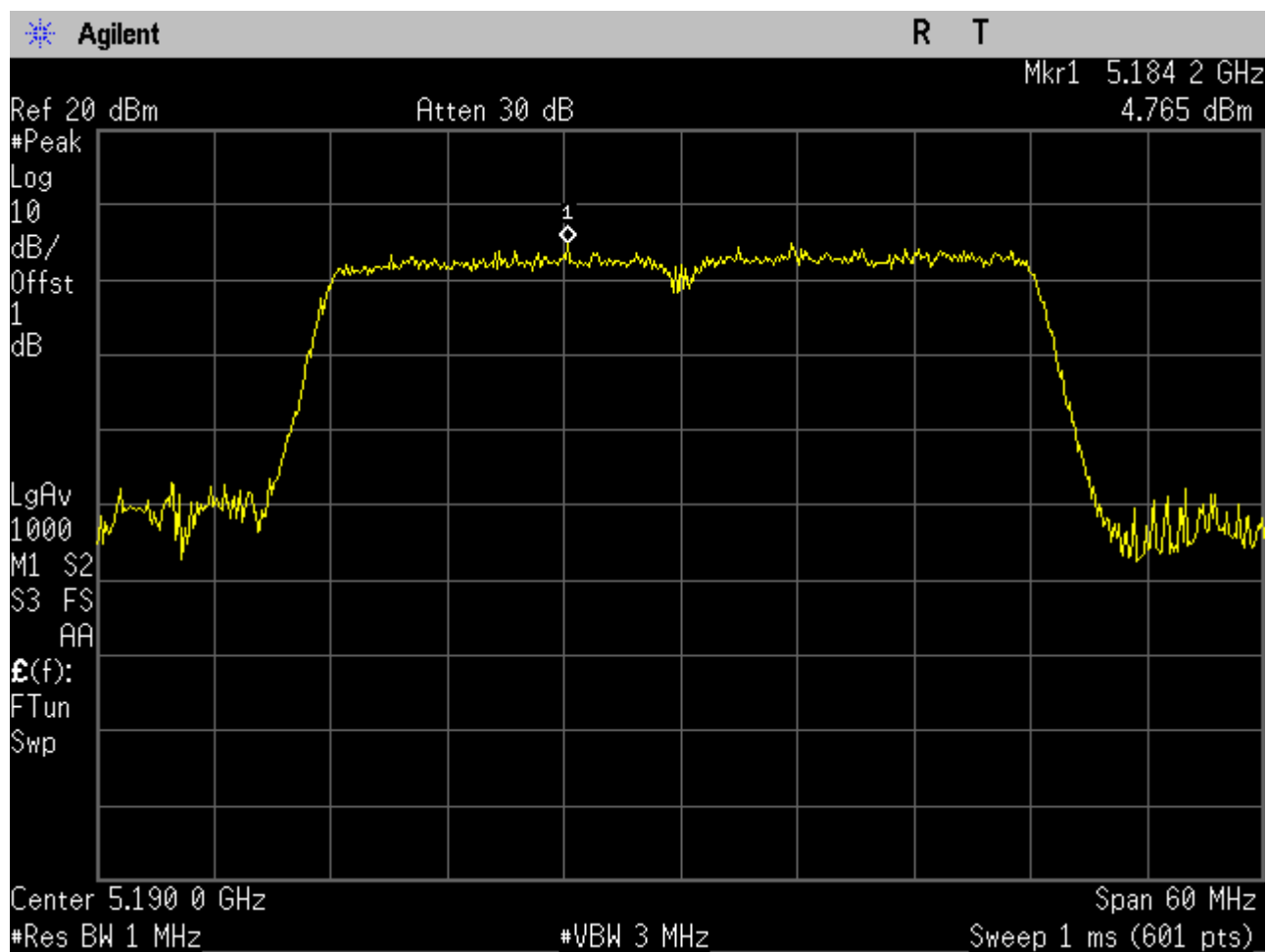


9.2111N40M_38 Ant 1



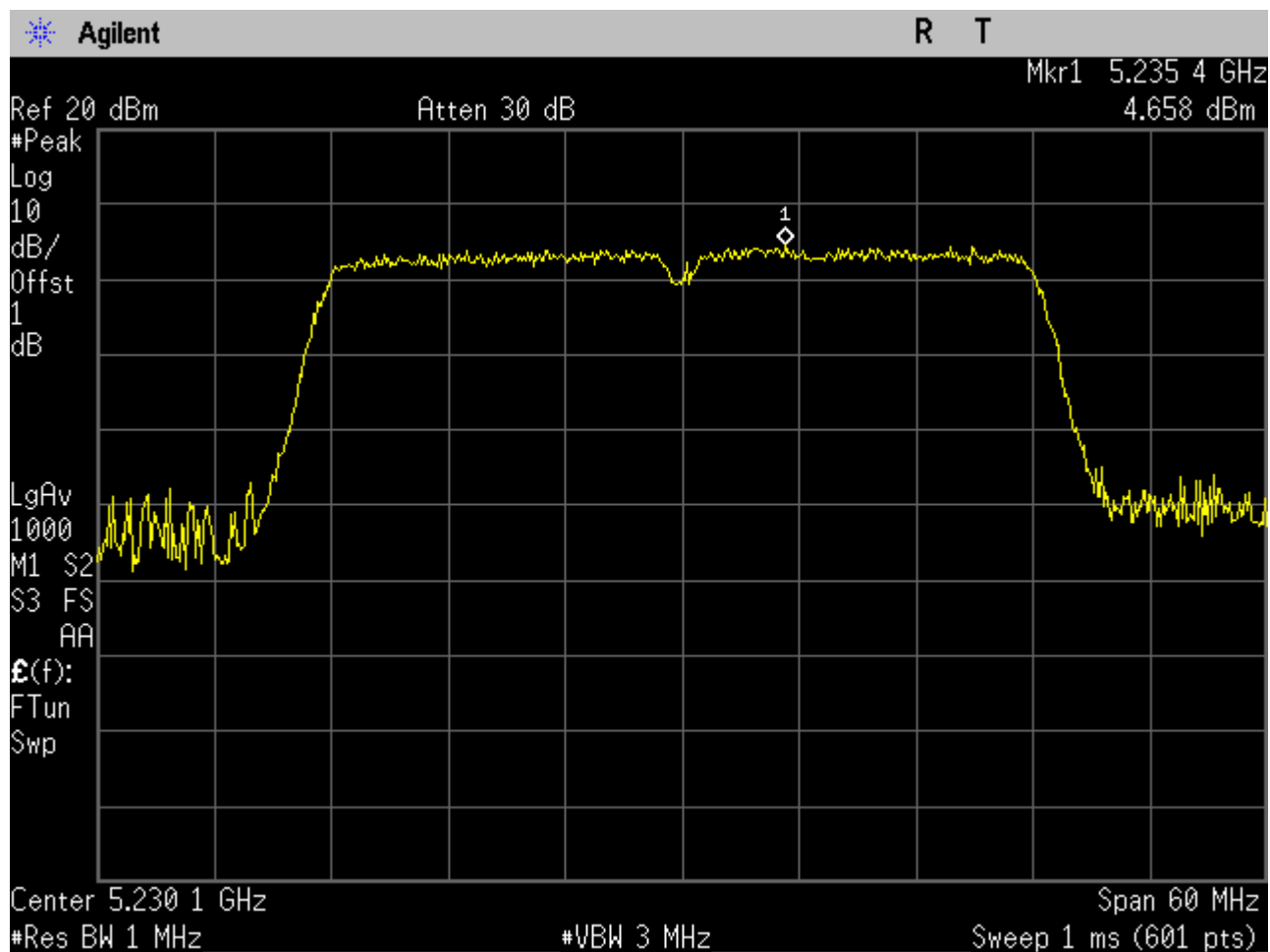


9.2211N40M_38 Ant 2



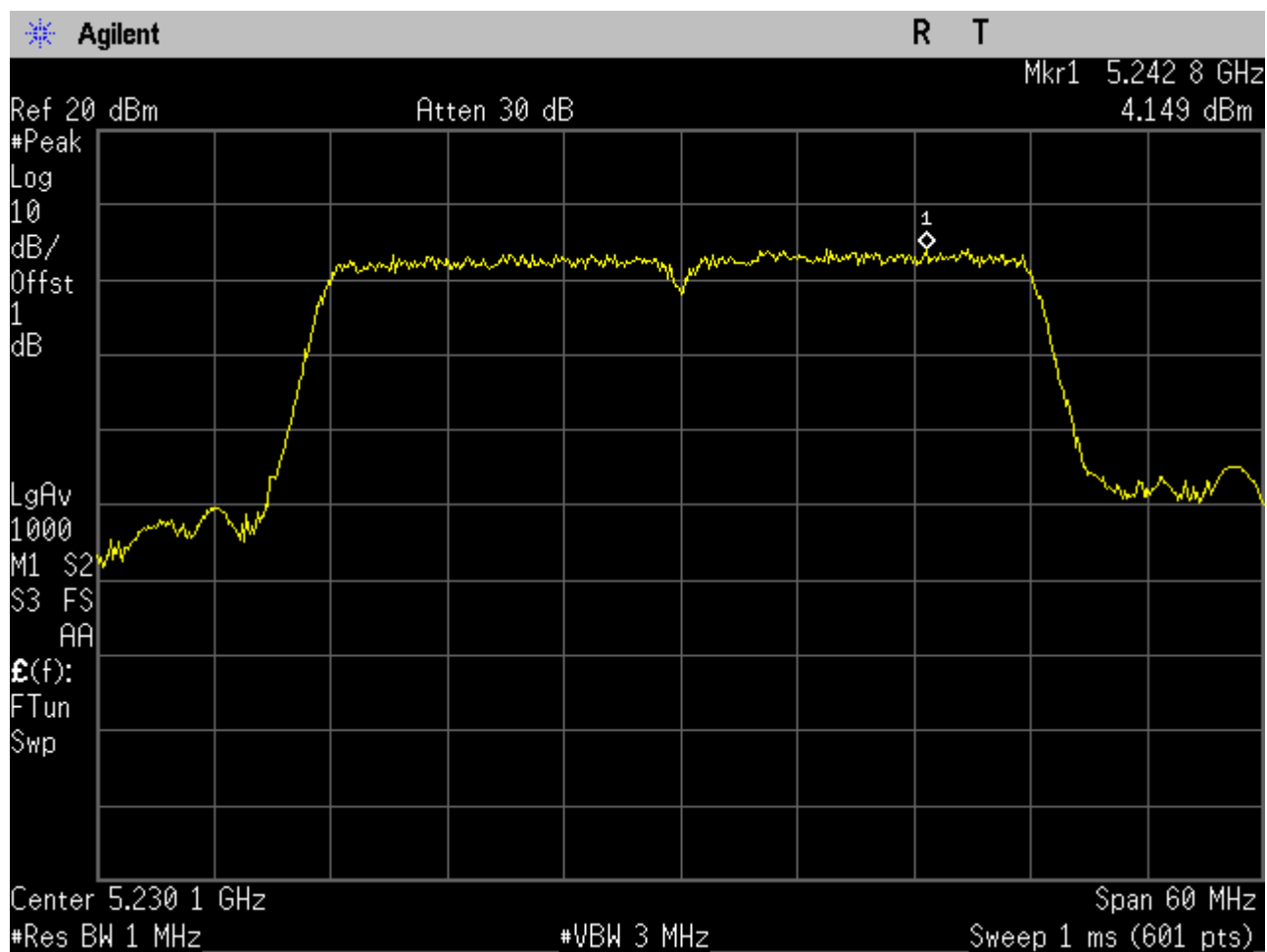


9.2311N40_46 Ant 1



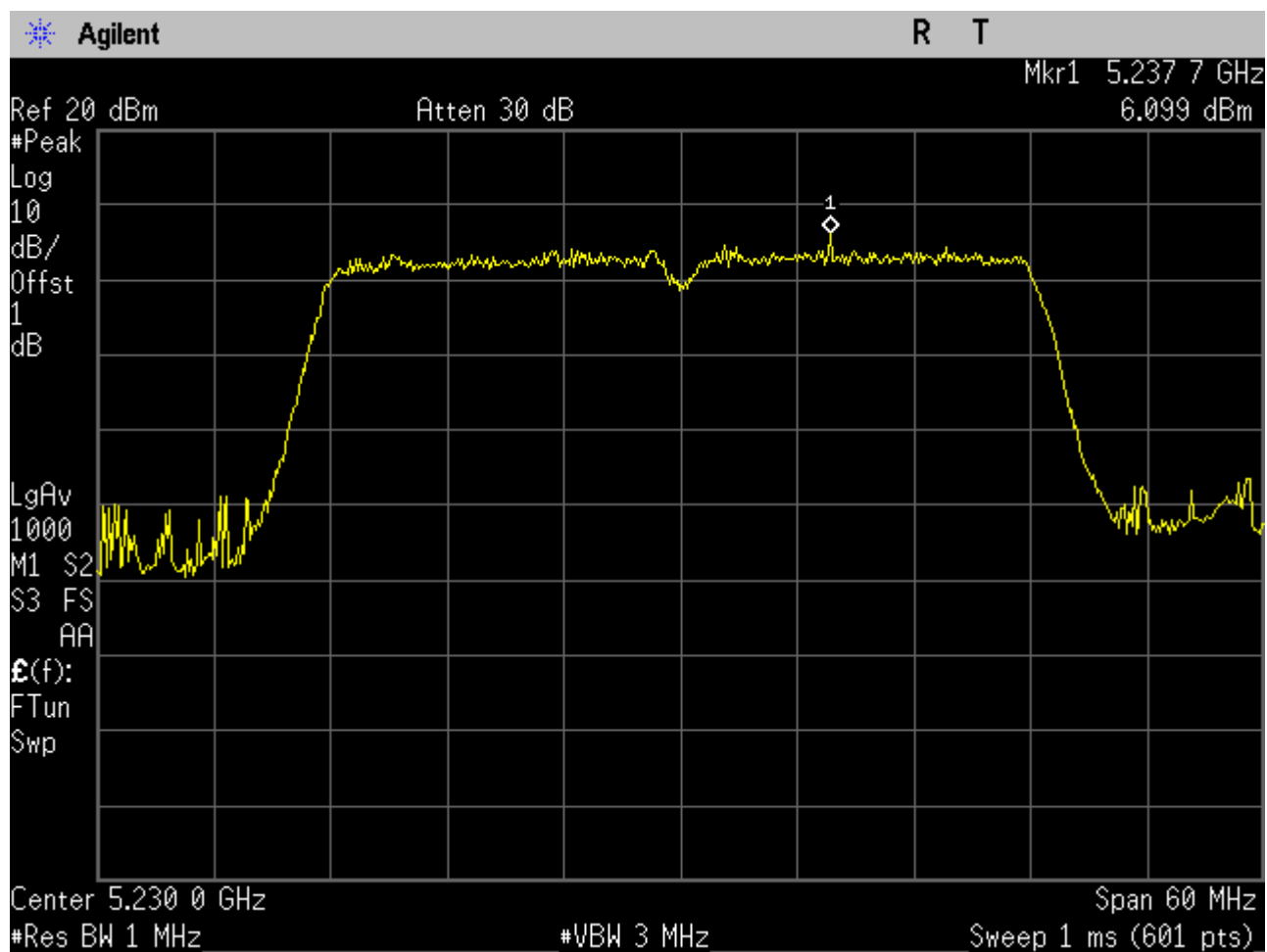


9.2411N40_46 Ant 2



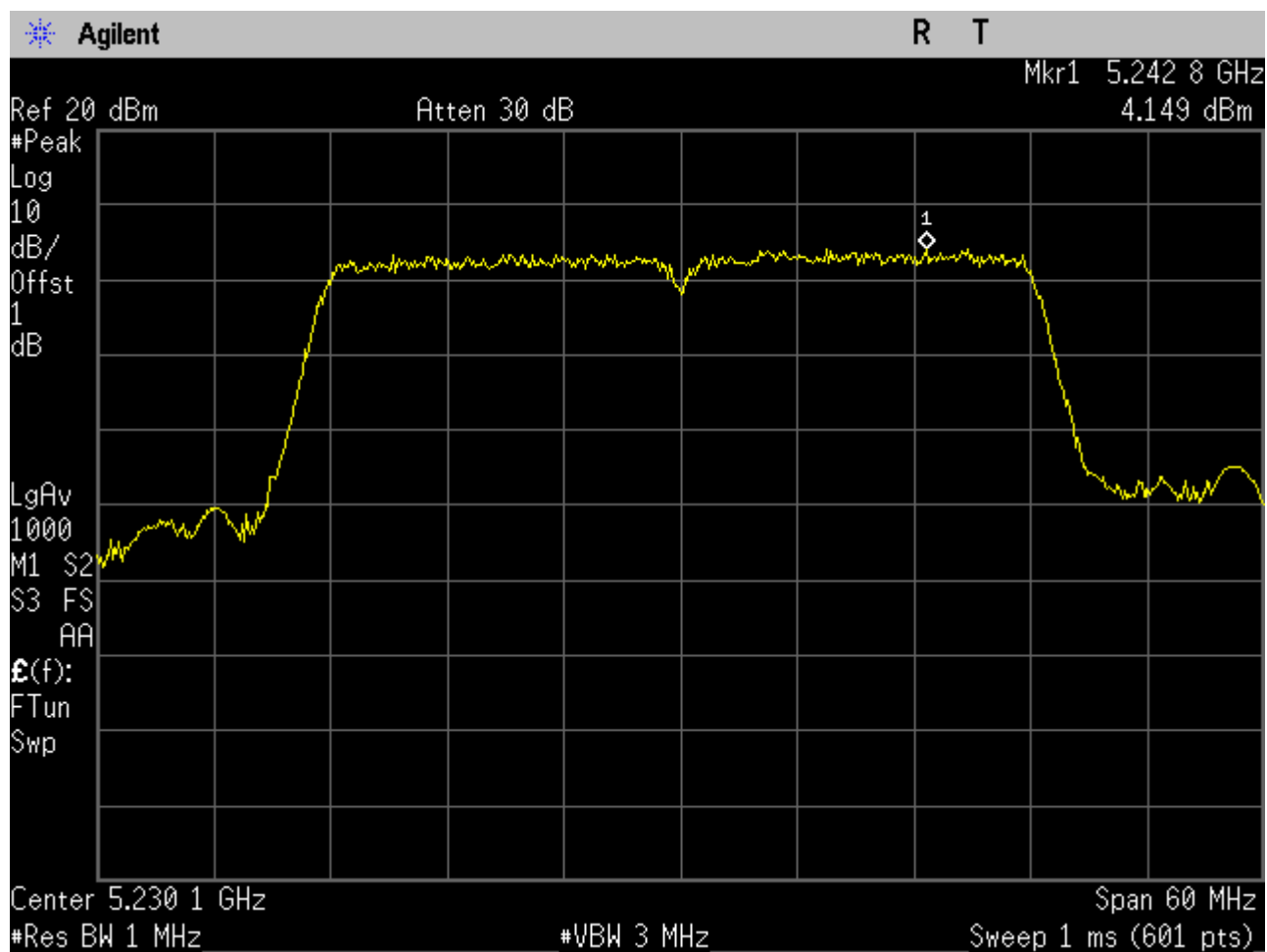


9.2511N40M_46 Ant 1

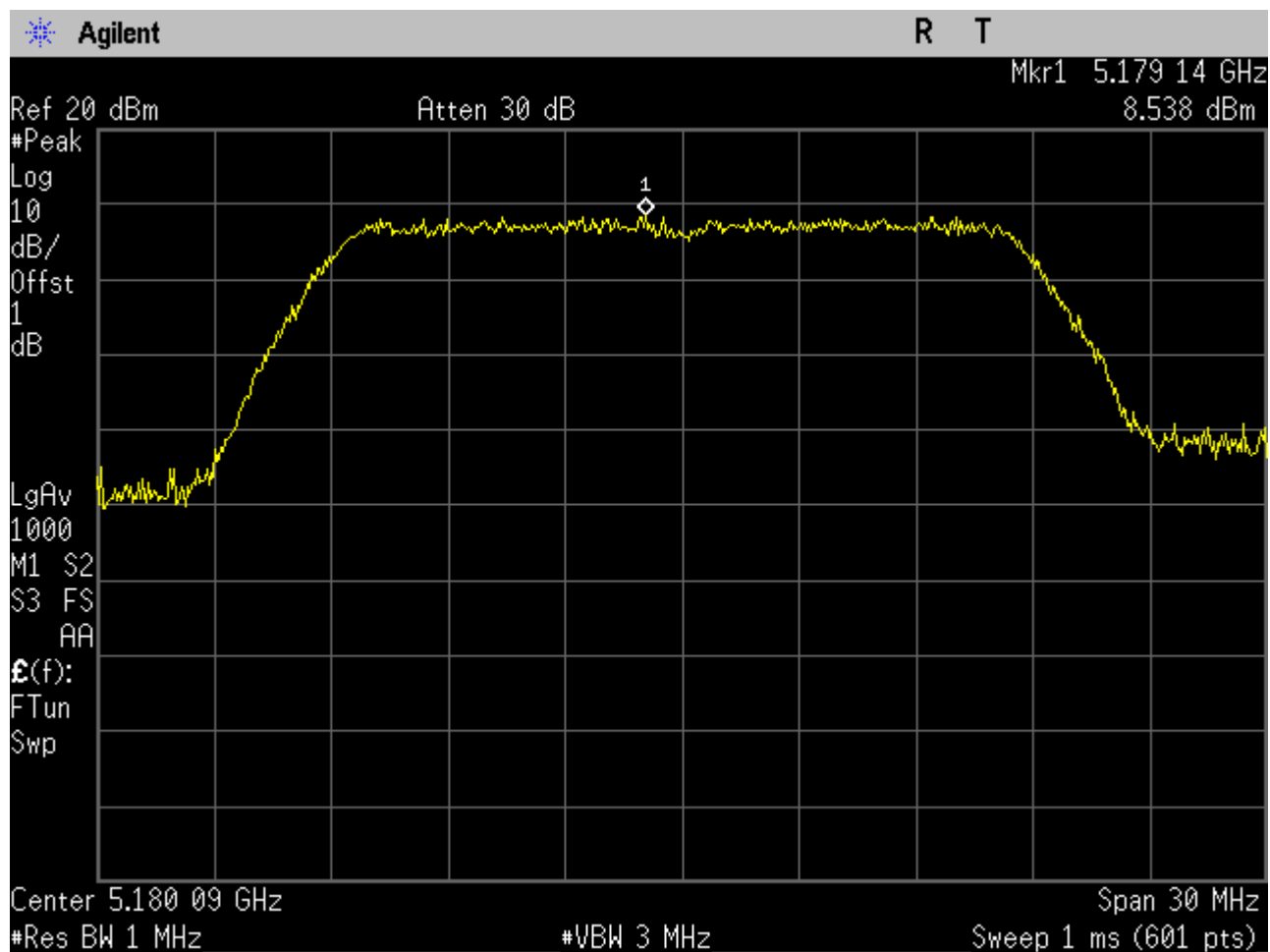




9.2611N40M_46 Ant 2

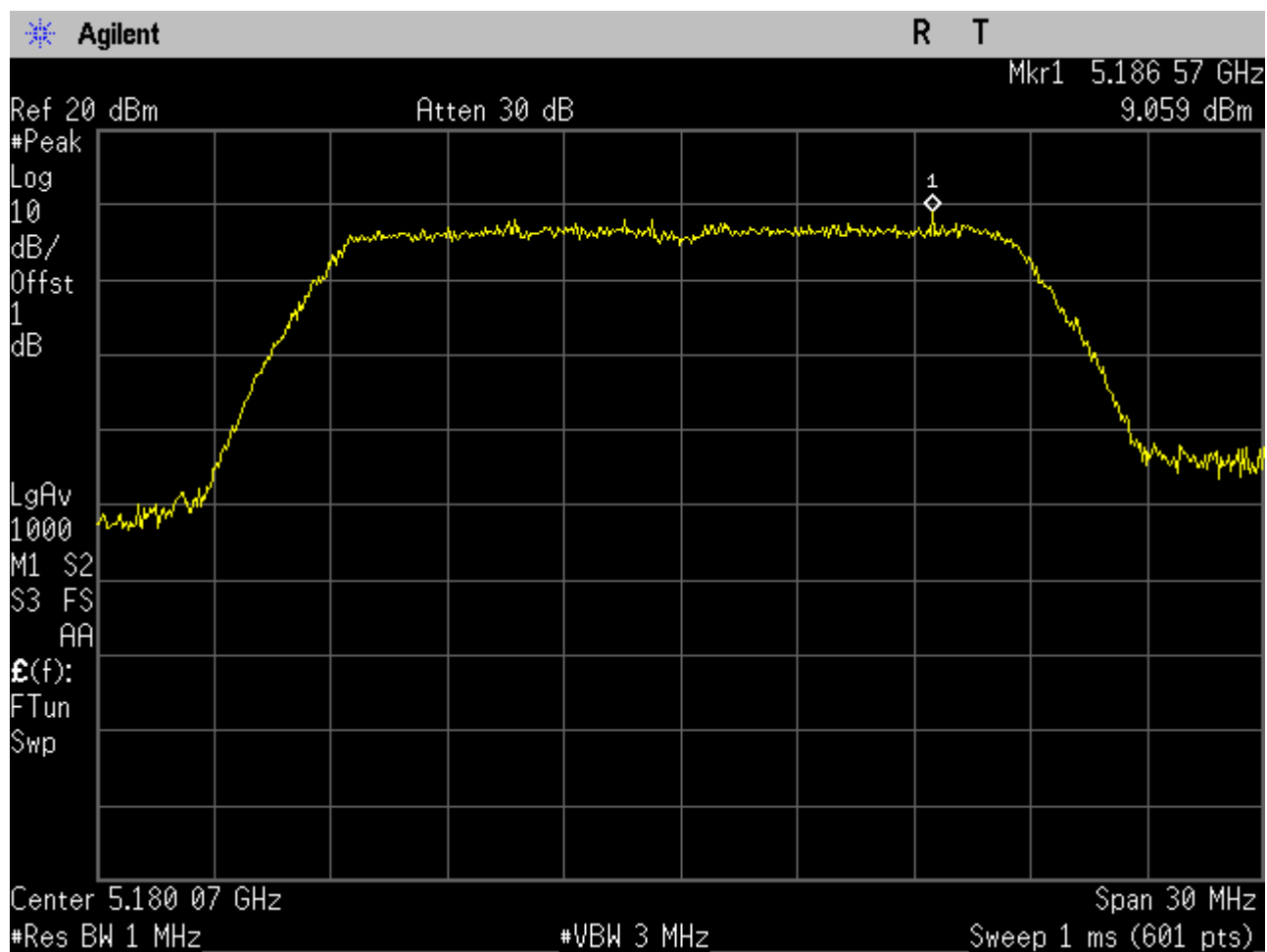


9.2711AC20_36 Ant 1



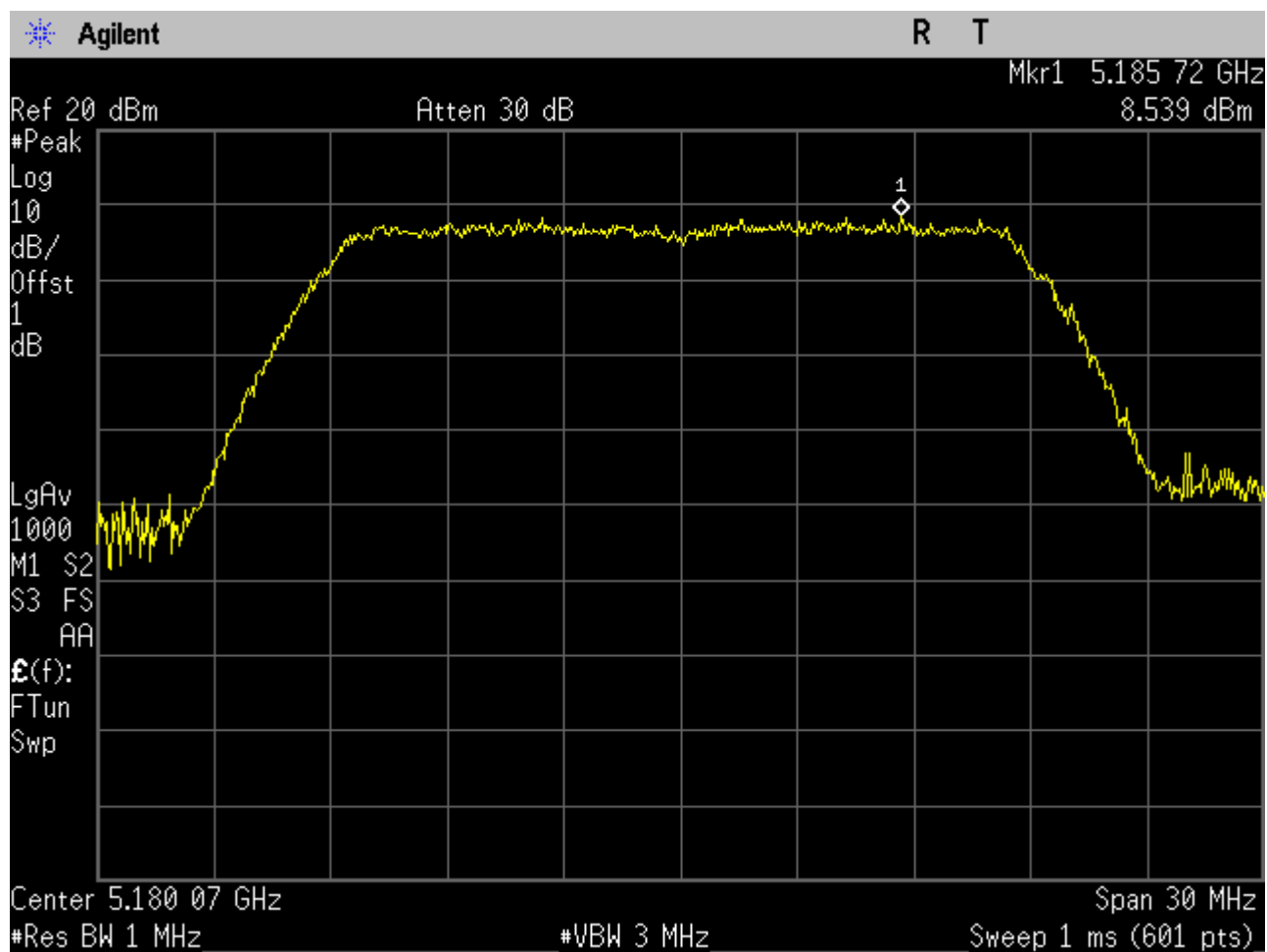


9.2811AC20_36 Ant 2



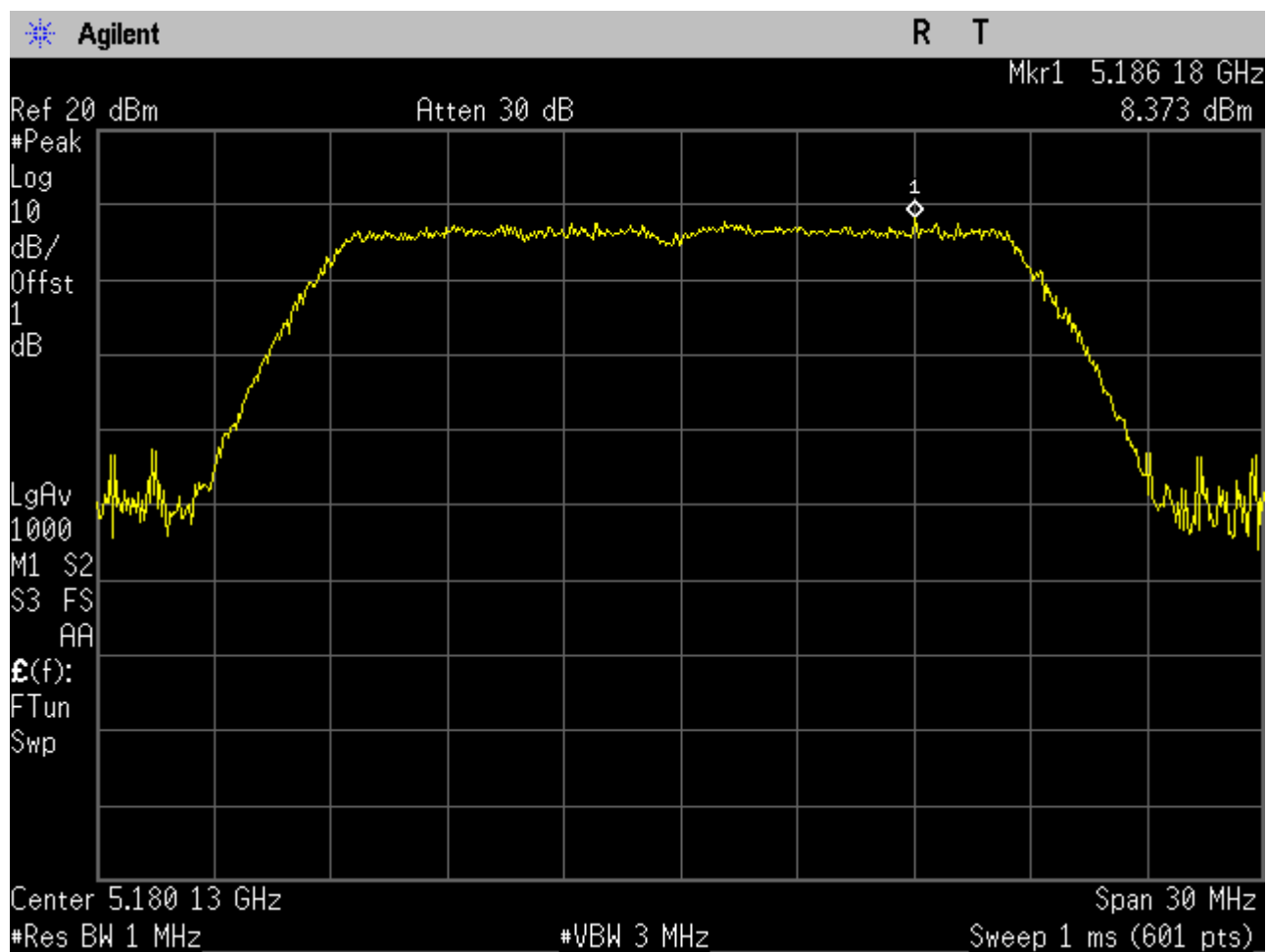


9.2911AC20M_36 Ant 1

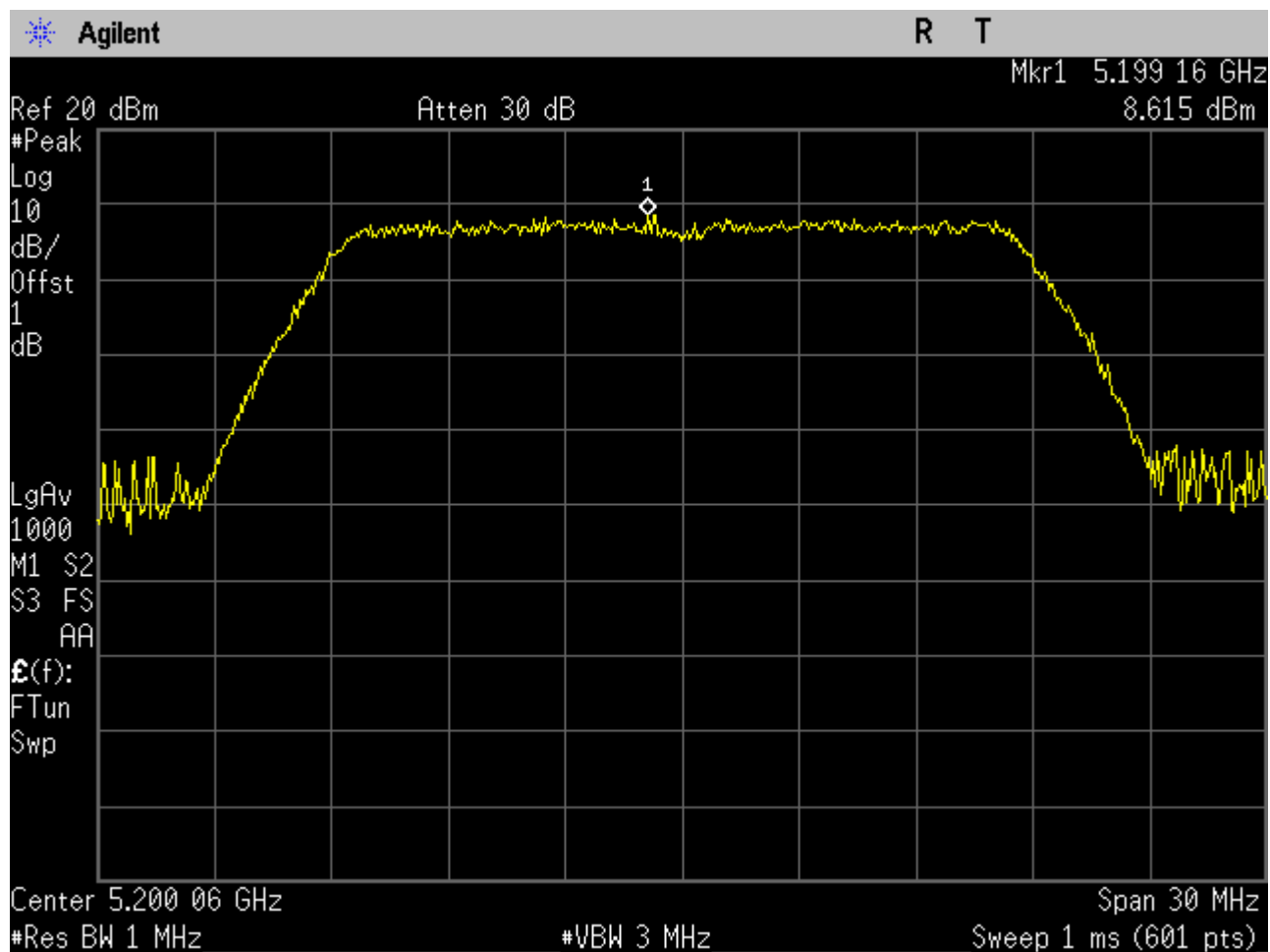




9.3011AC20M_36 Ant 2

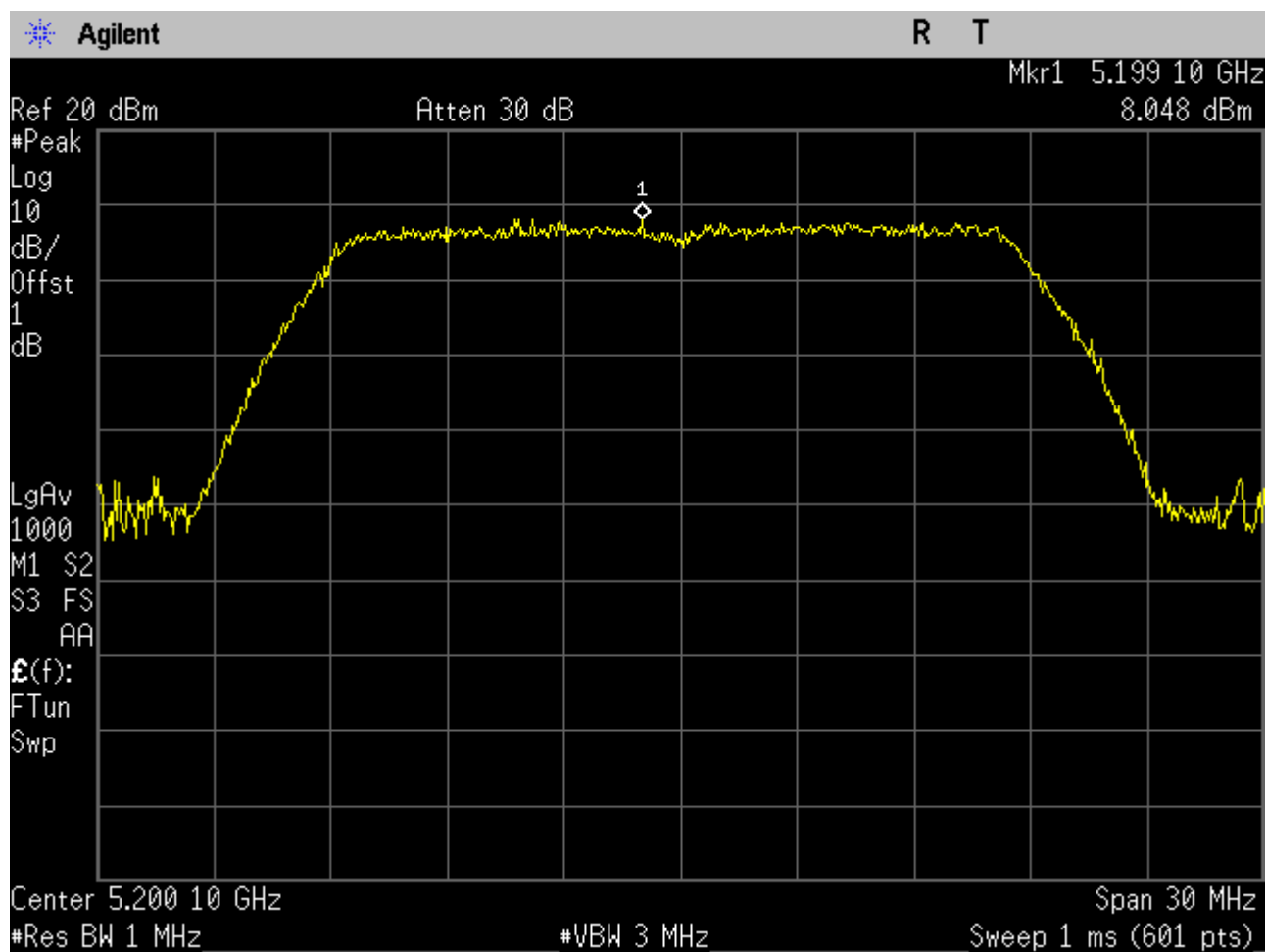


9.3111AC20_40 Ant 1



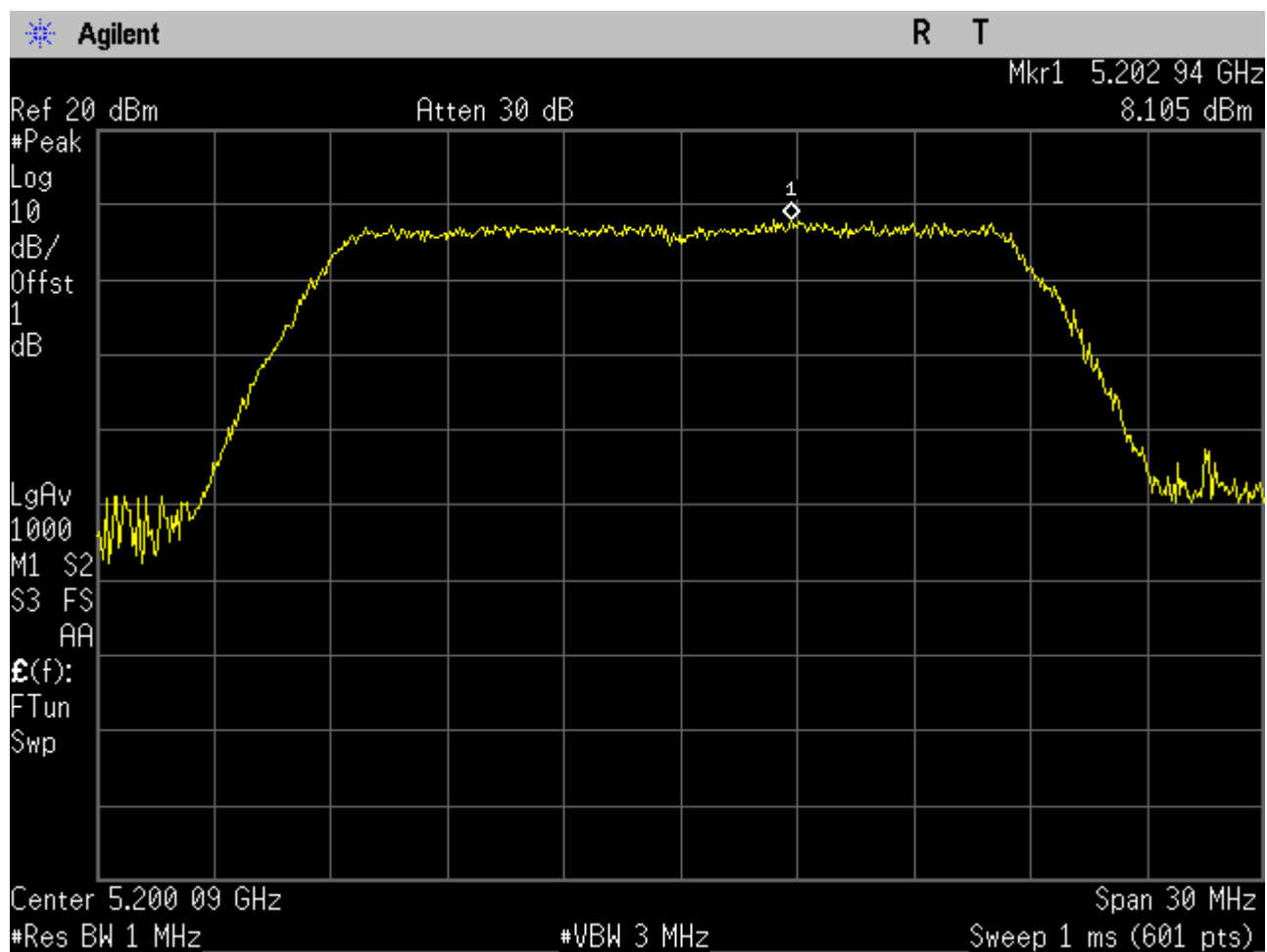


9.3211AC20_40 Ant 2



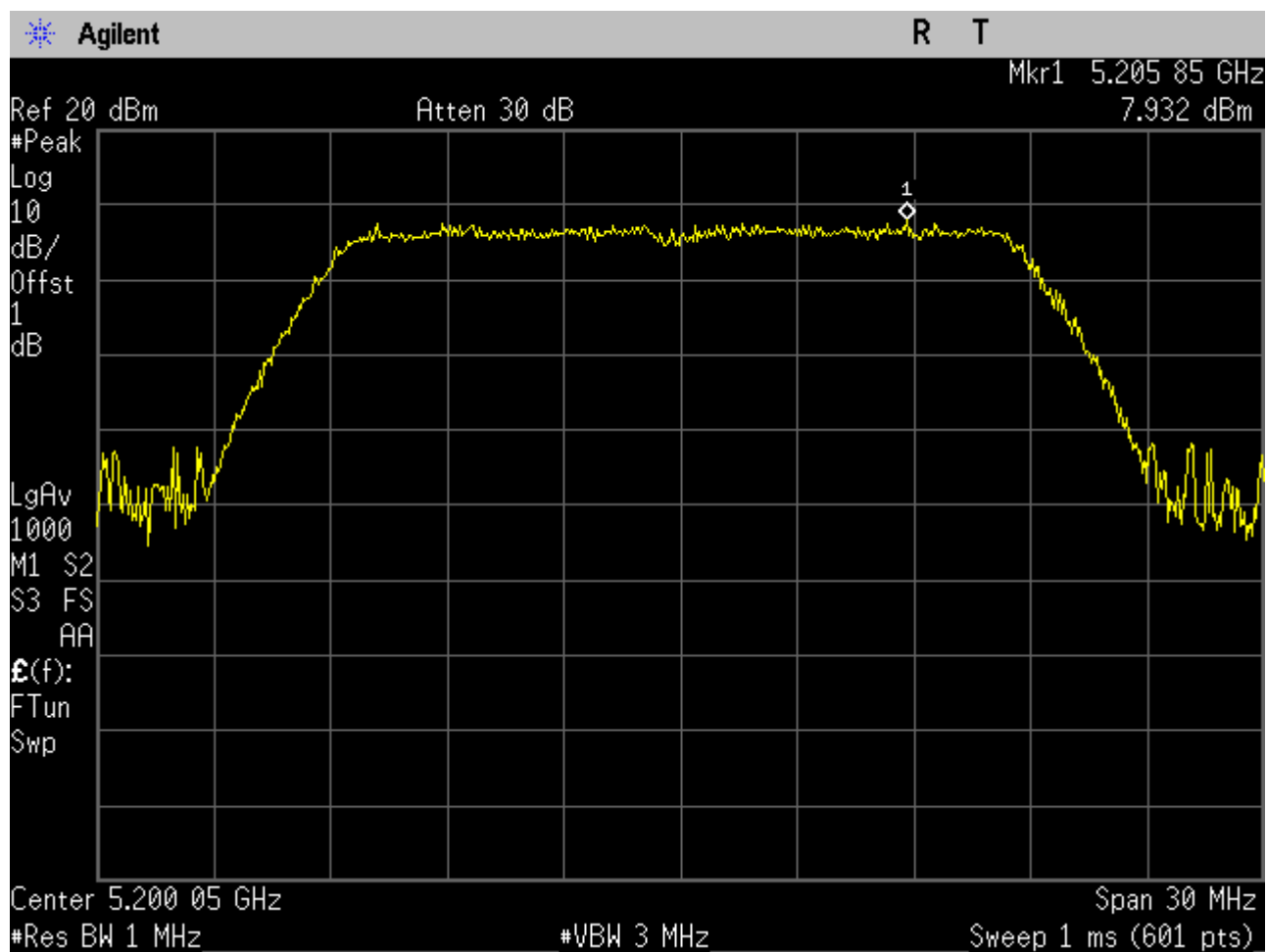


9.3311AC20M_40 Ant 1

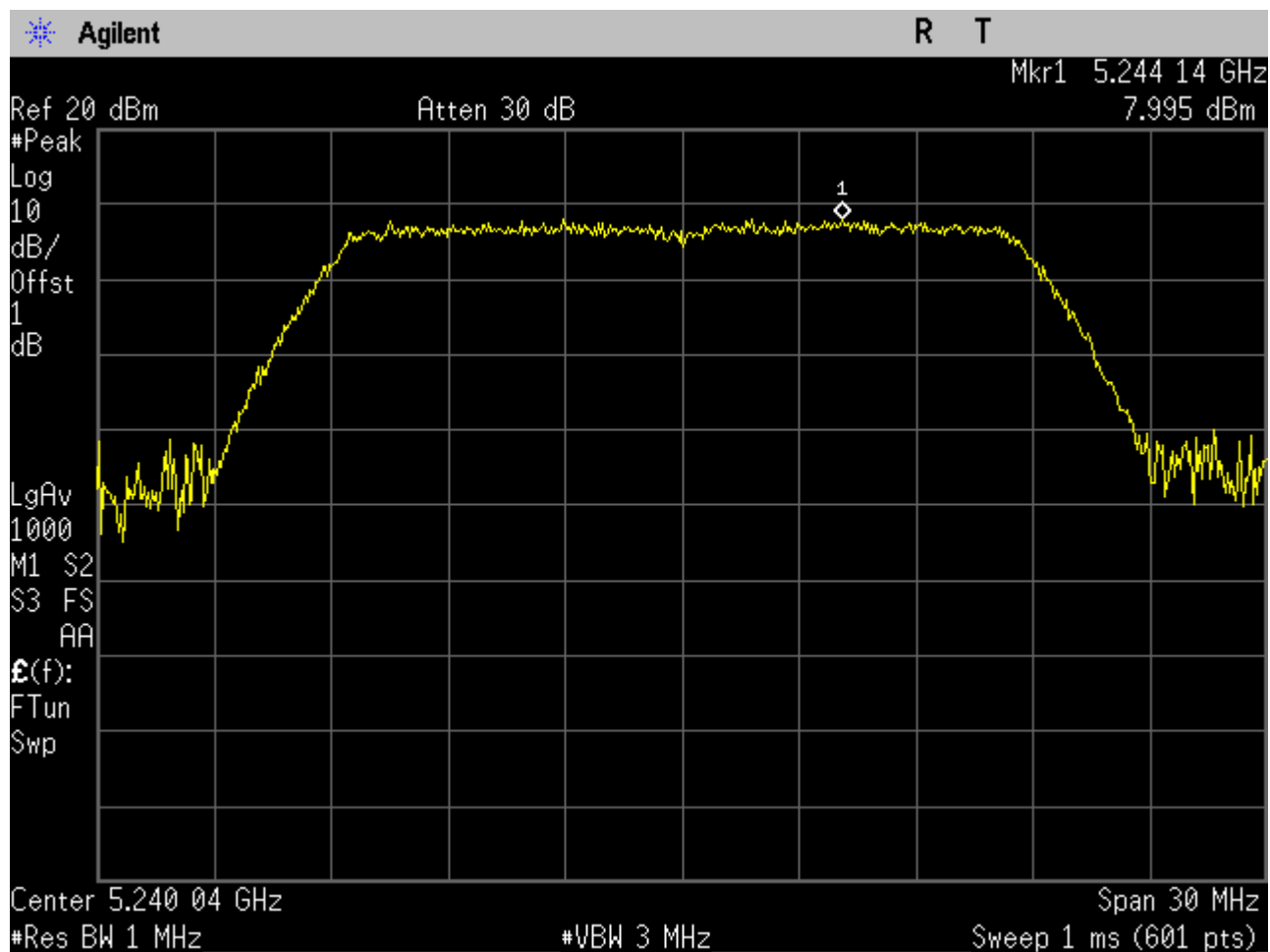




9.3411AC20M_40 Ant 2

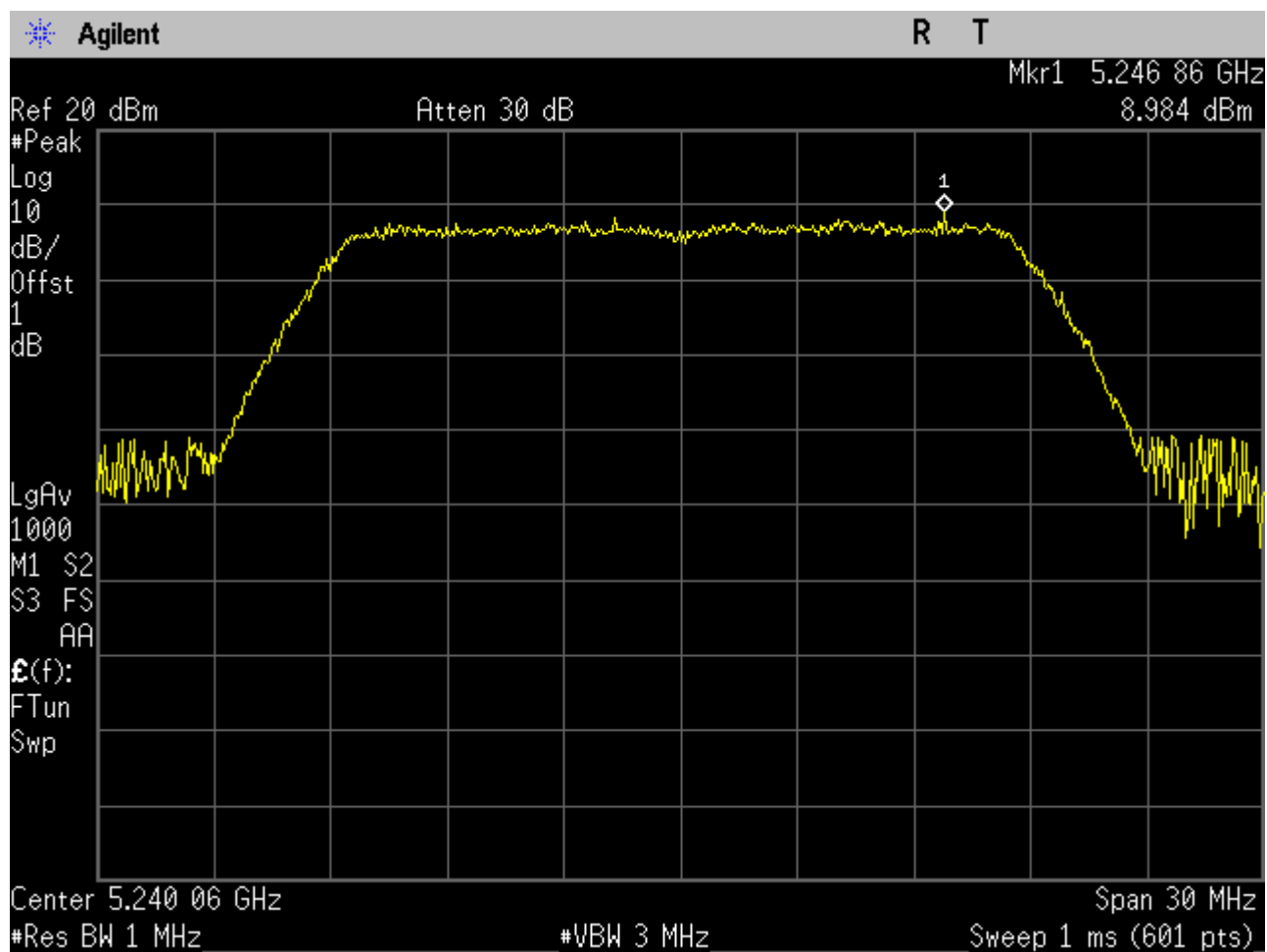


9.3511AC20_48 Ant 1



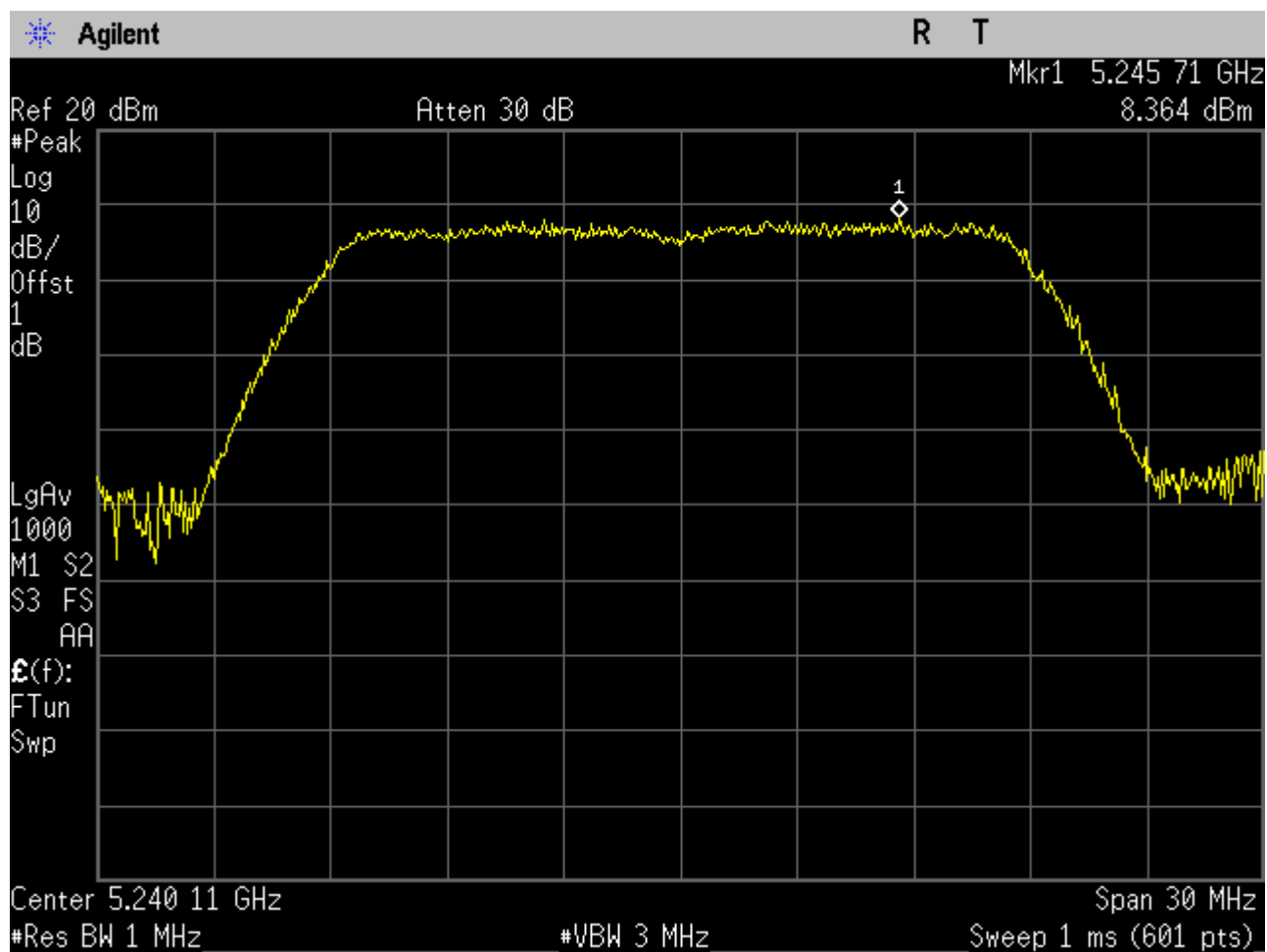


9.3611AC20_48 Ant 2



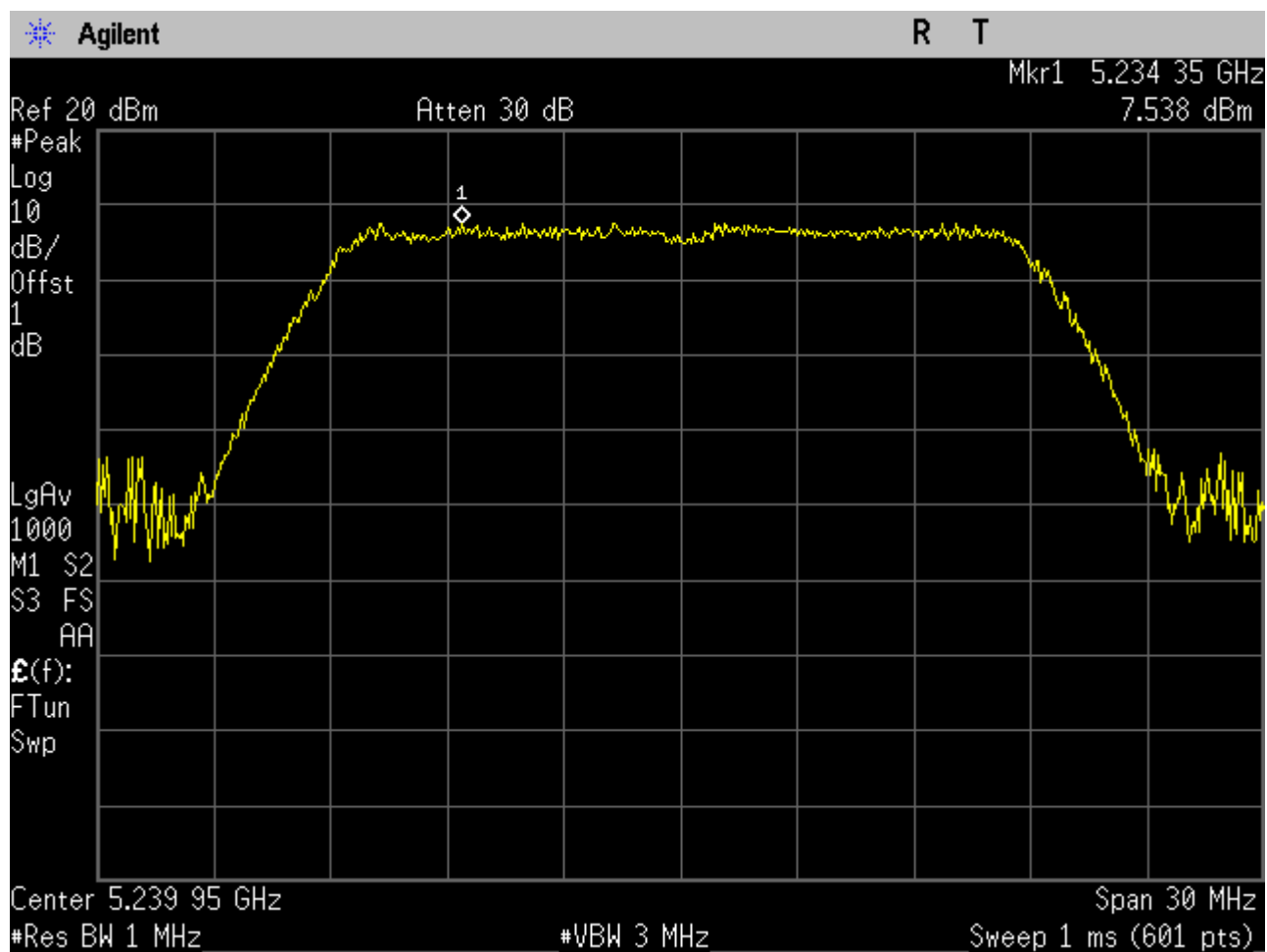


9.3711AC20M_48 Ant 1

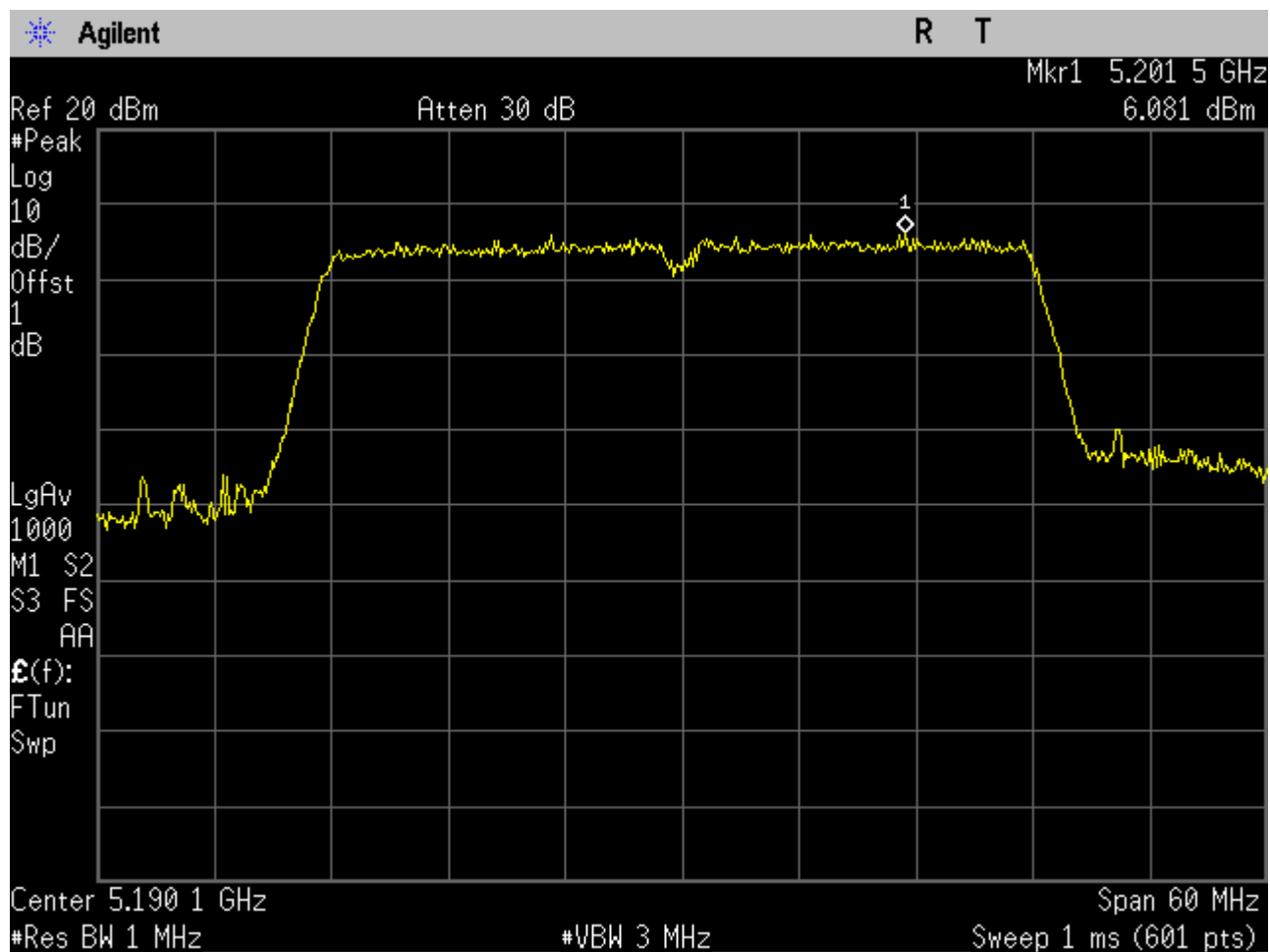




9.3811AC20M_48 Ant 2

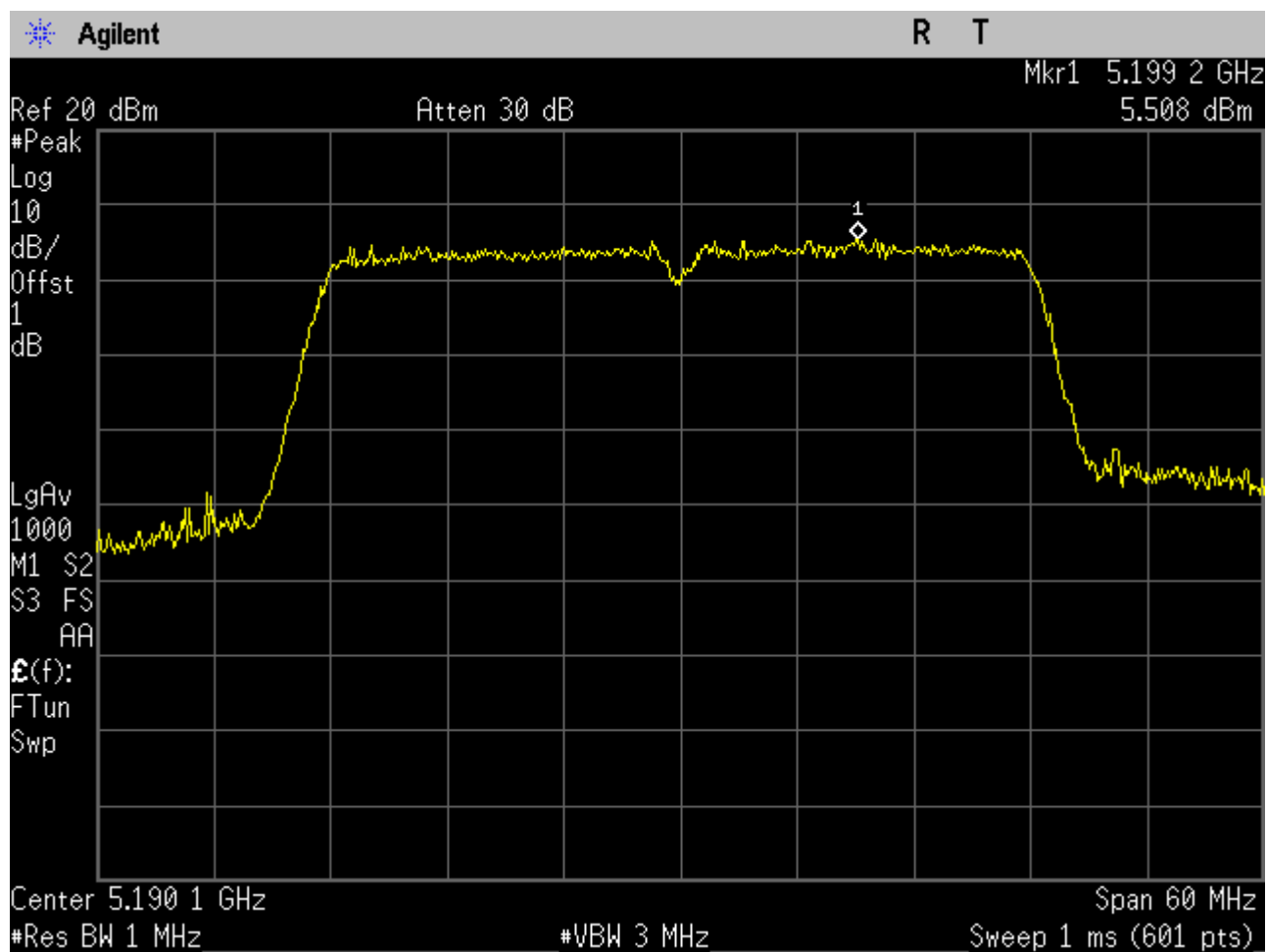


9.3911AC40_38 Ant 1



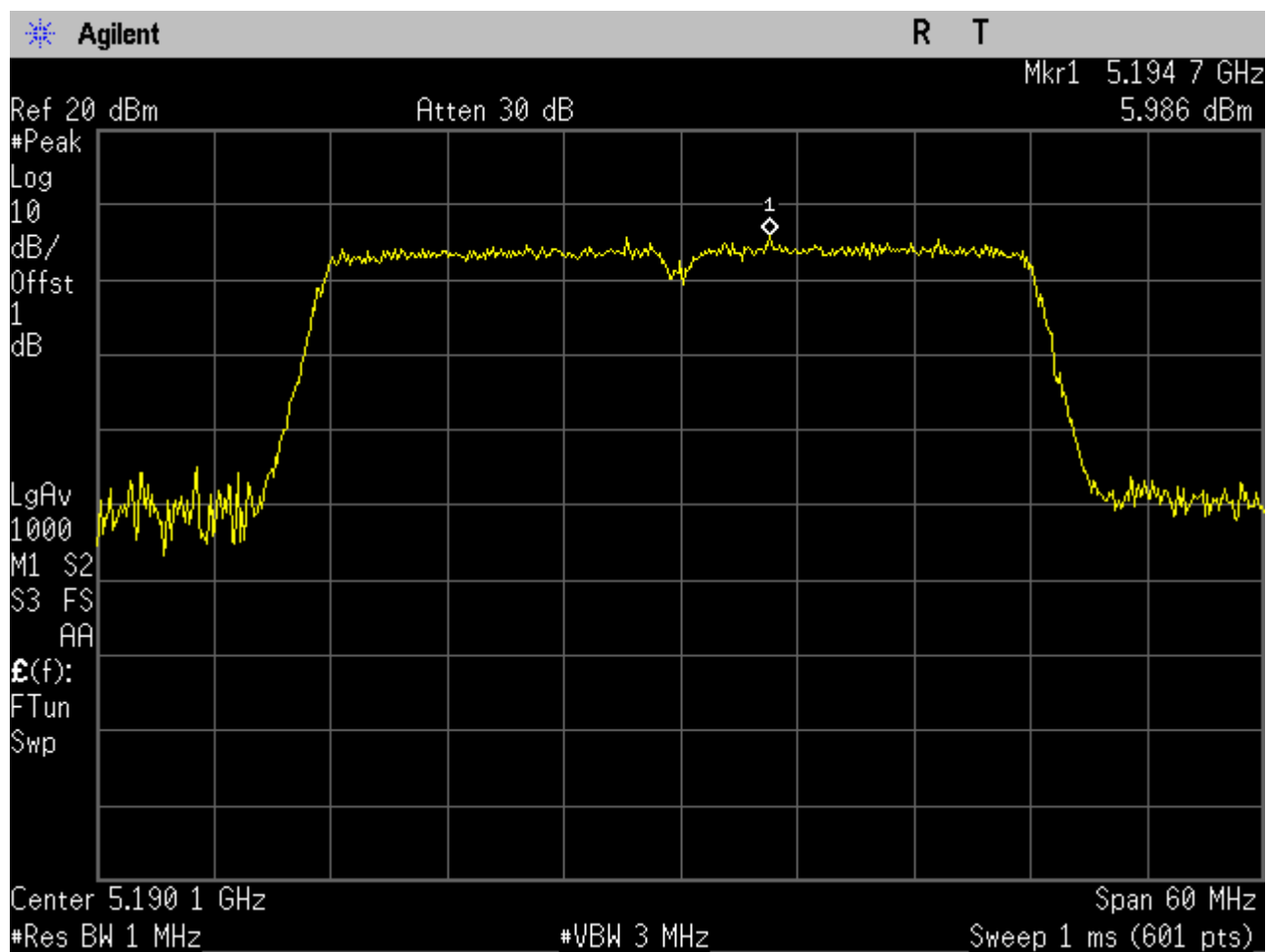


9.4011AC40_38 Ant 2



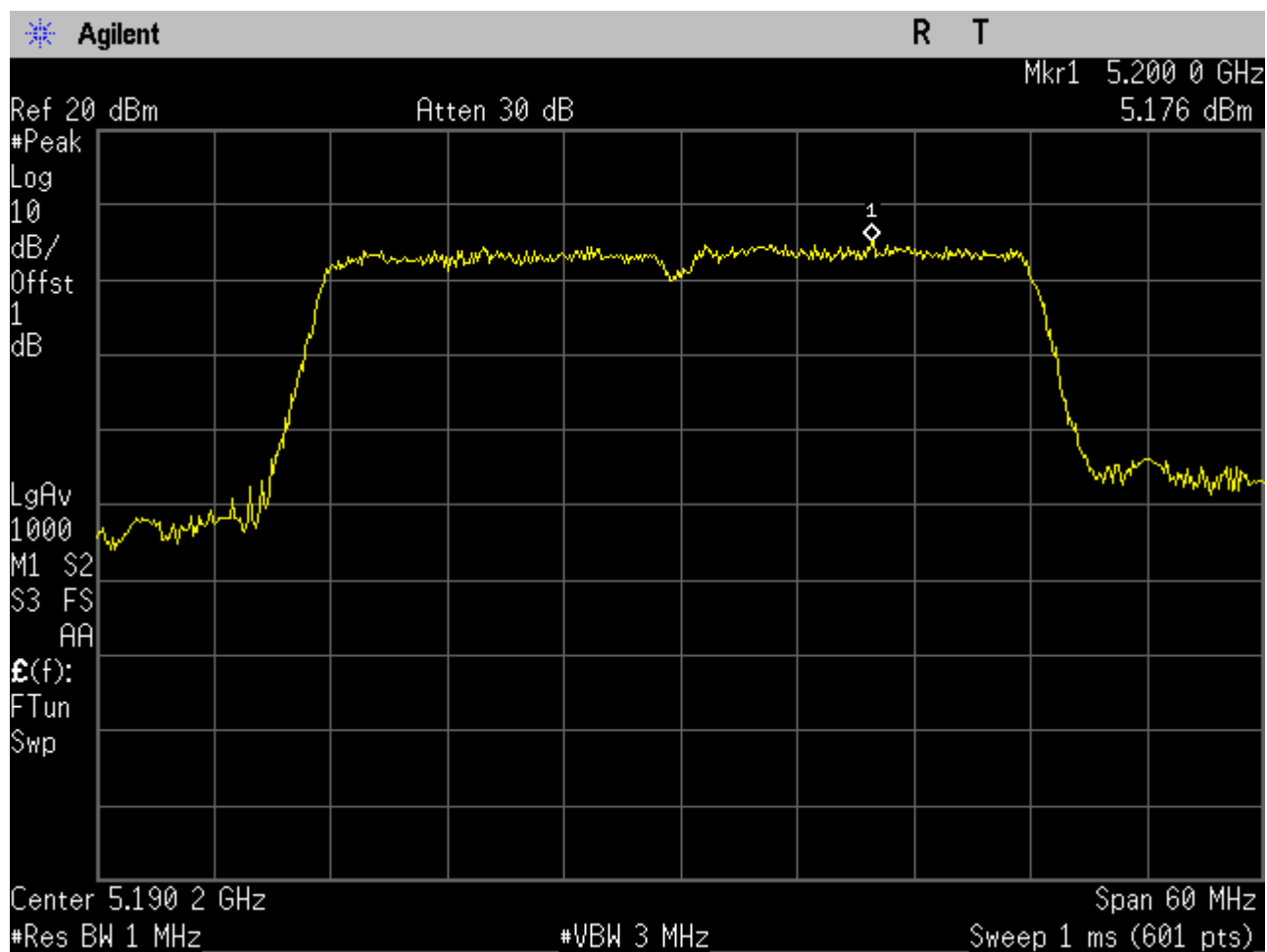


9.4111AC40M_38 Ant 1



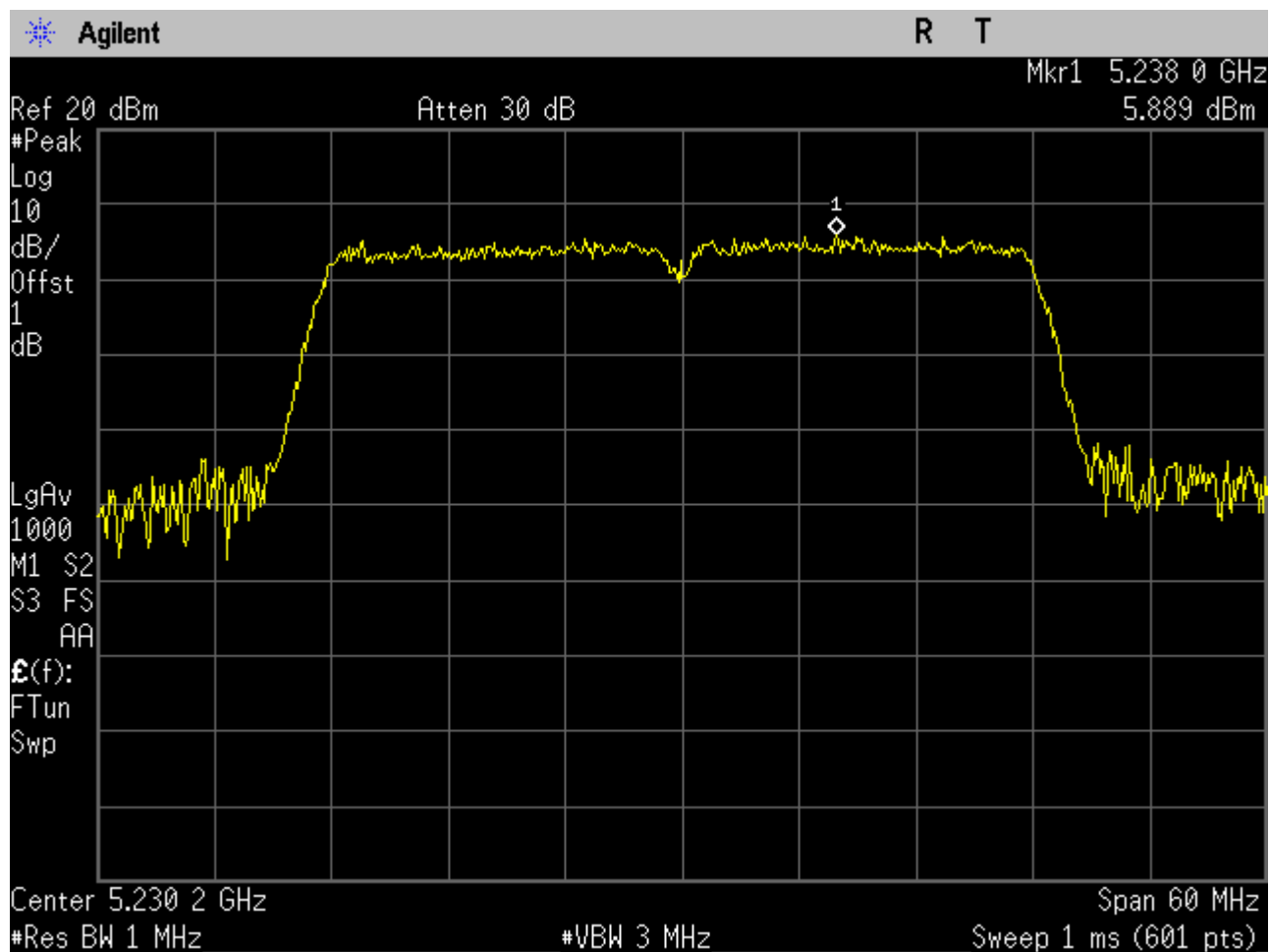


9.4211AC40M_38 Ant 2



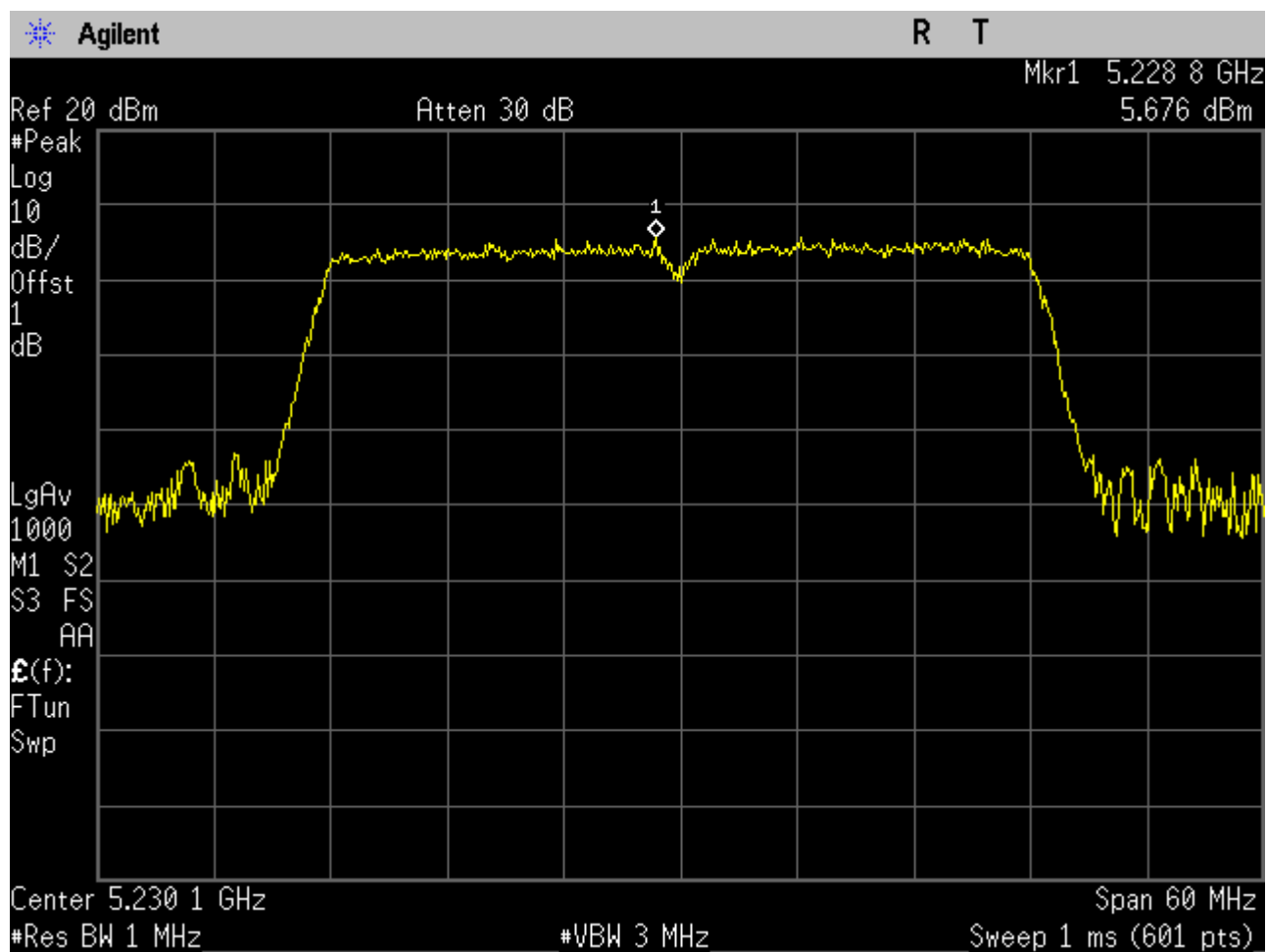


9.4311AC40_46 Ant 1



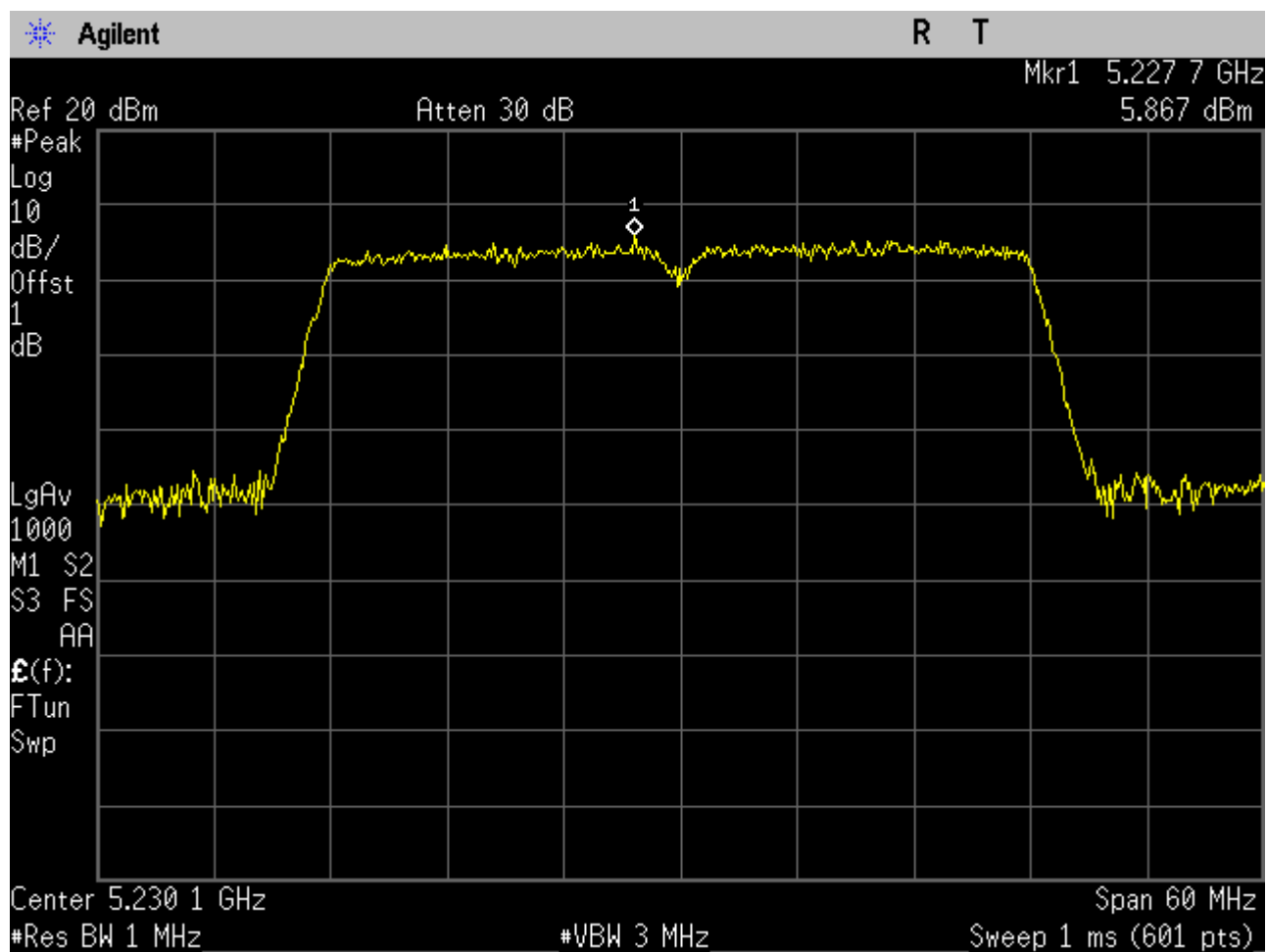


9.4411AC40_46 Ant 2



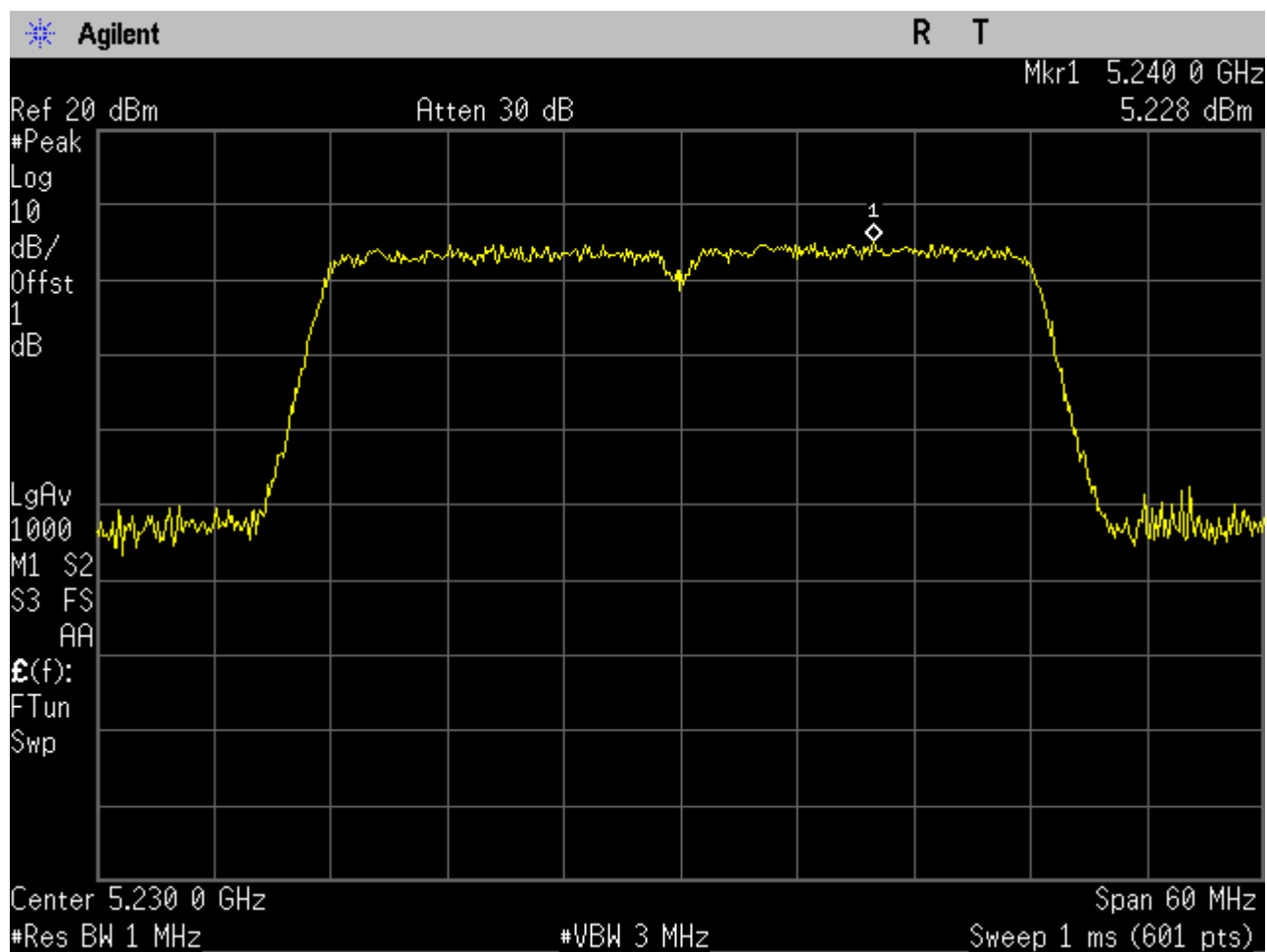


9.4511AC40M_46 Ant 1



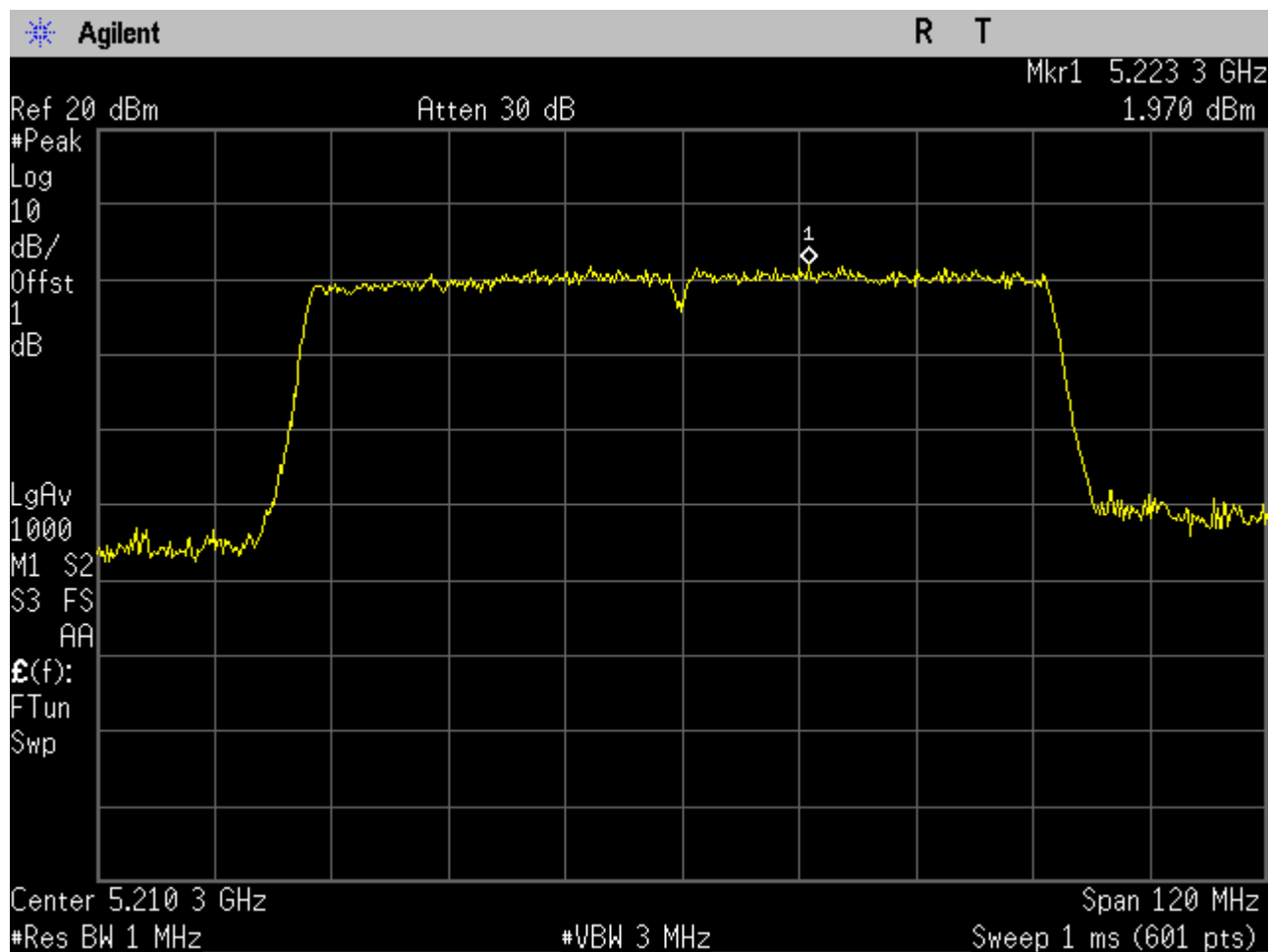


9.4611AC40M_46 Ant 2



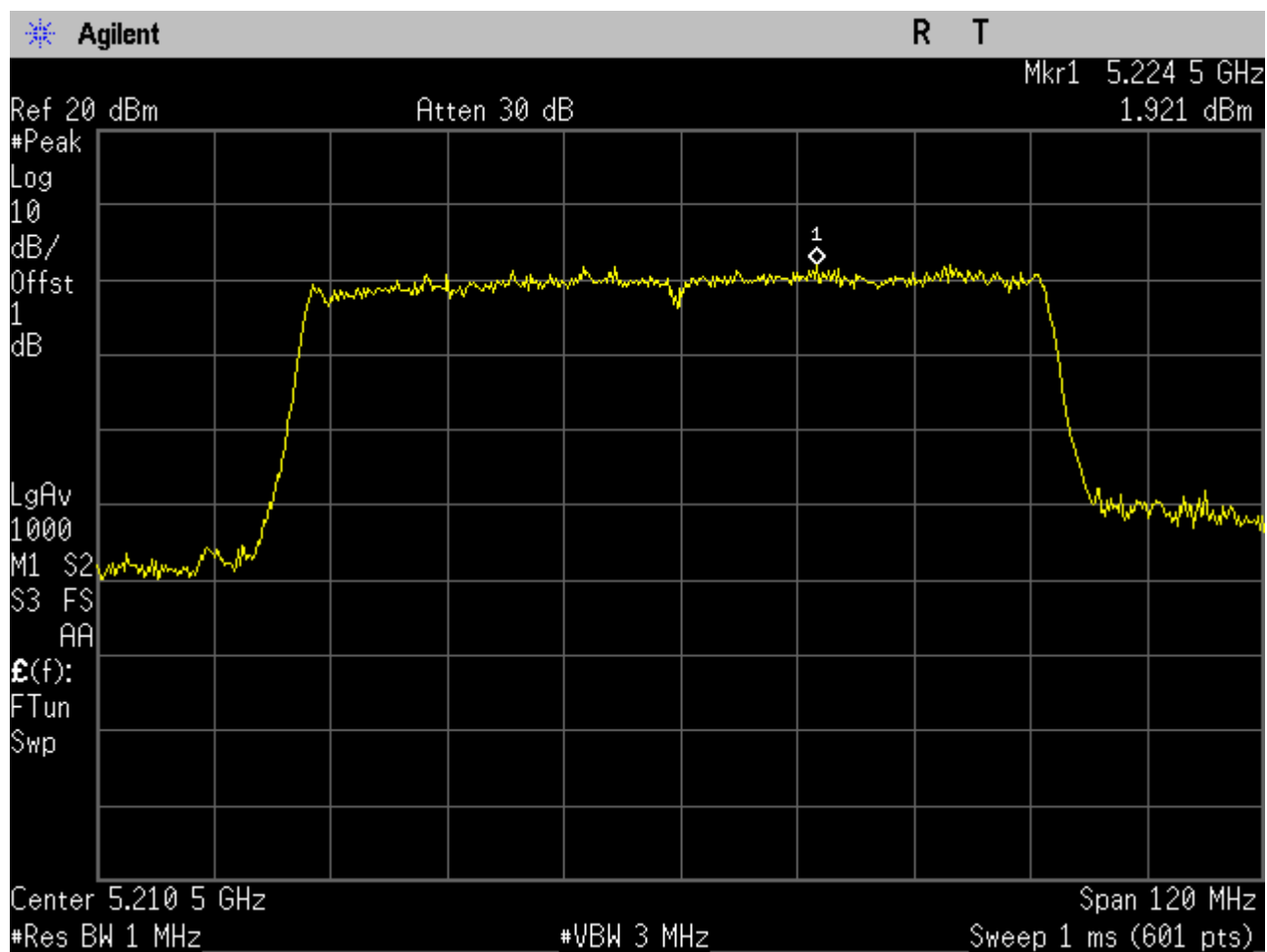


9.4711AC80_42 Ant 1



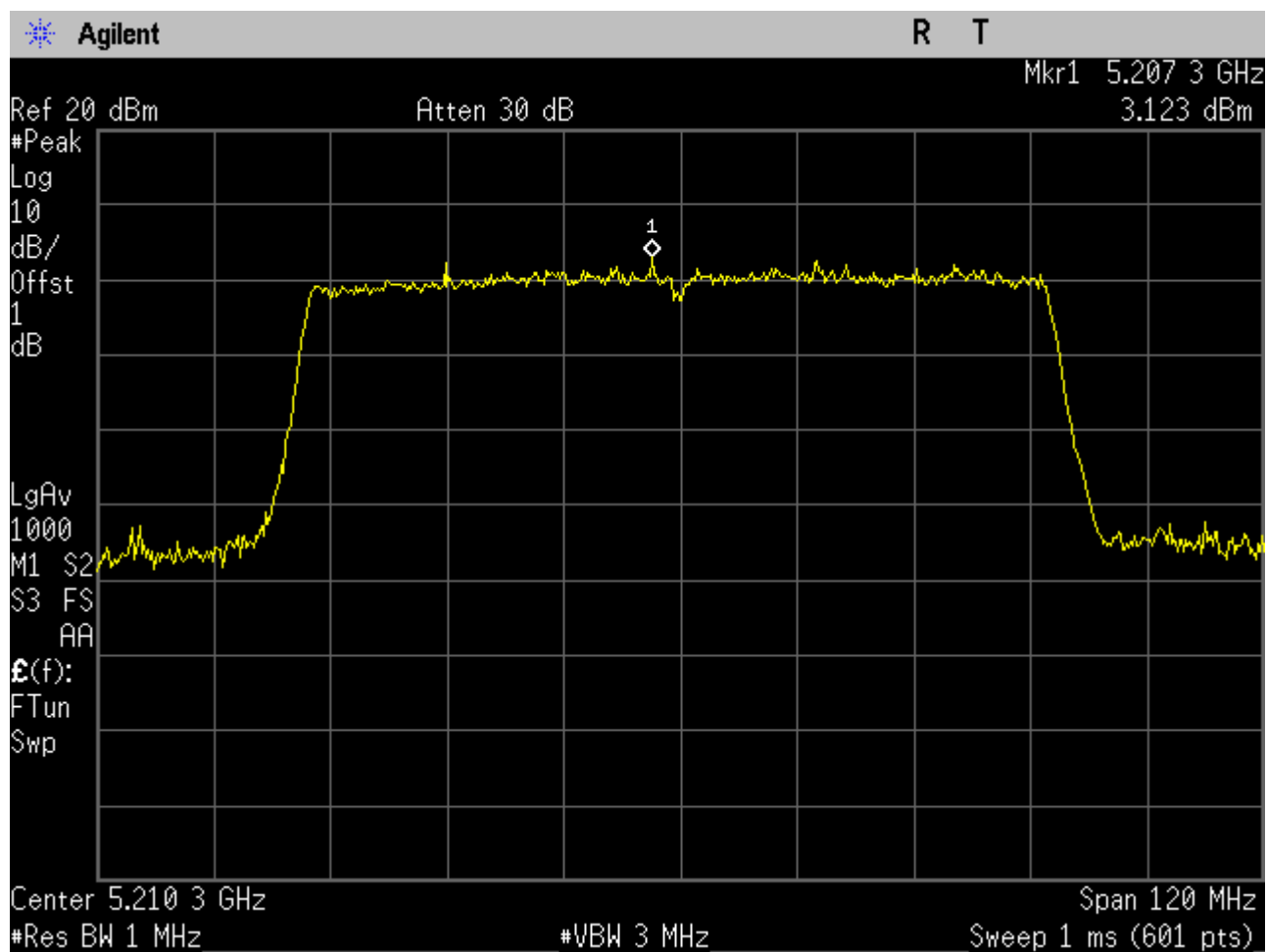


9.4811AC80_42 Ant 2



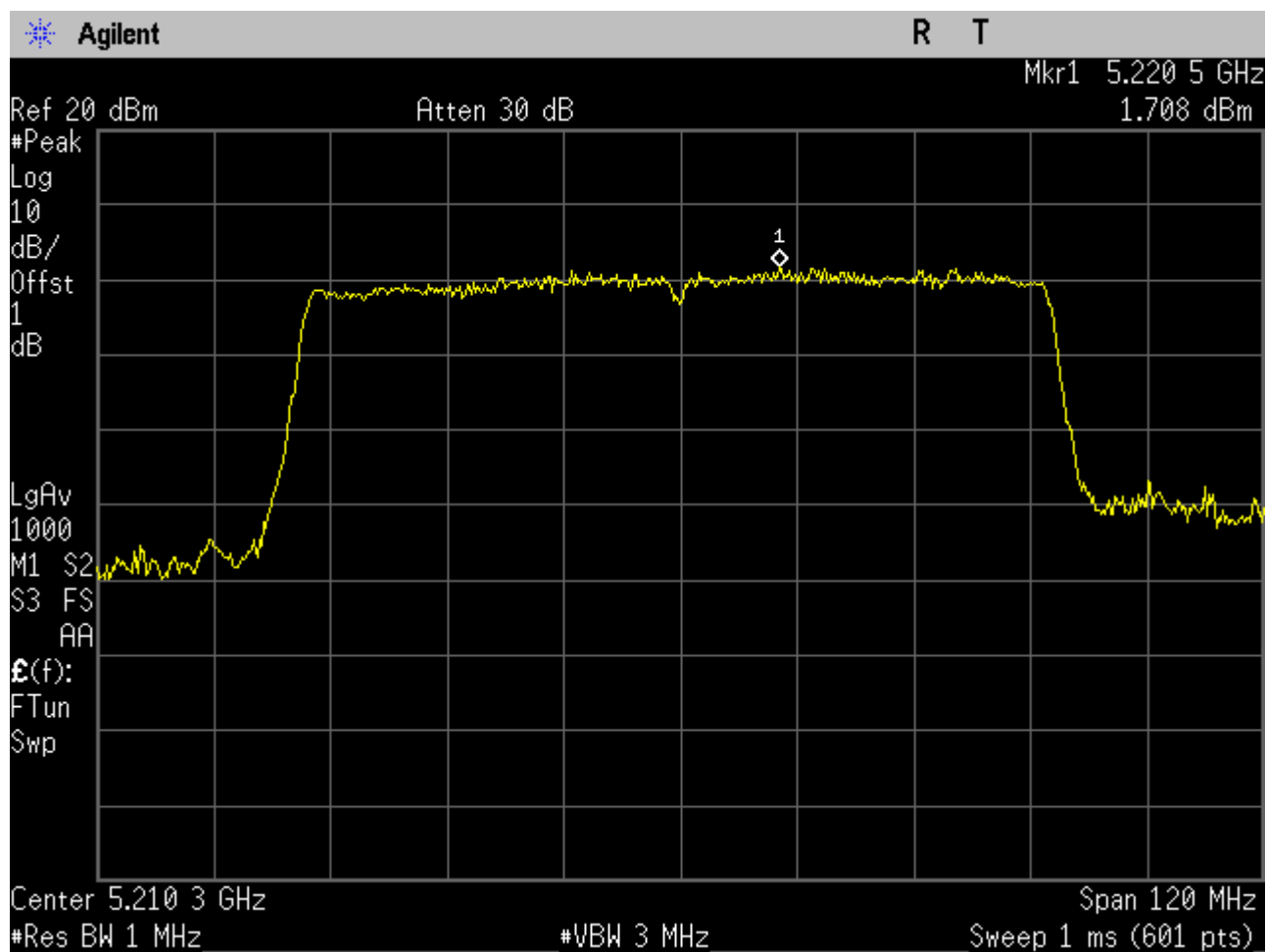


9.4911AC80M_42 Ant 1





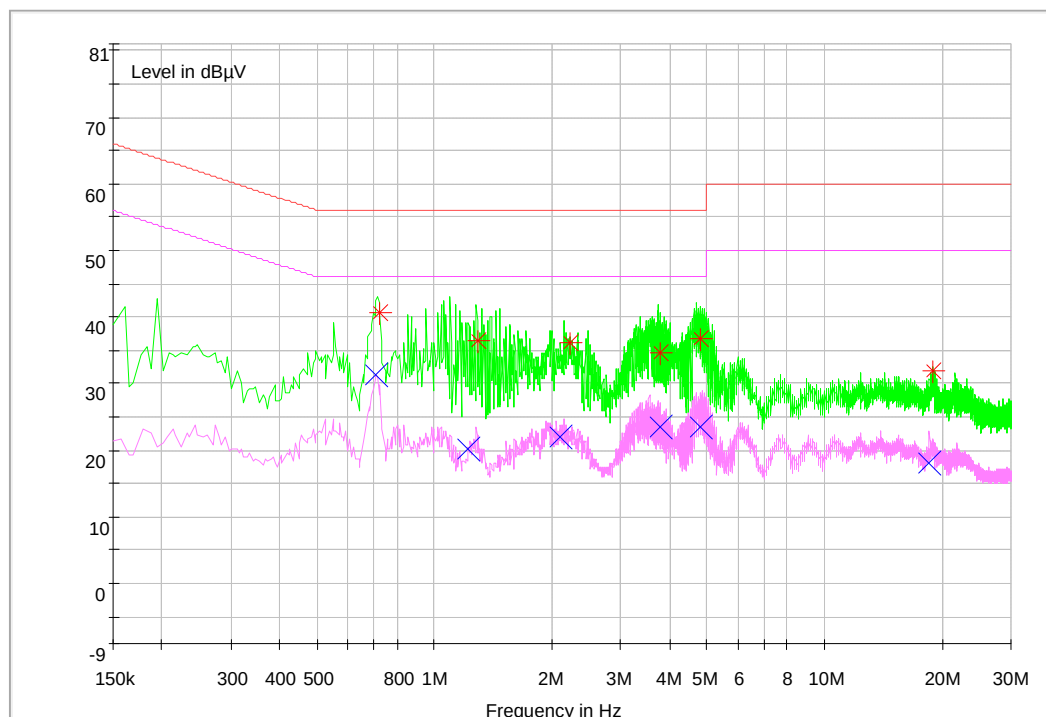
9.5011AC80M_42 Ant 2



Appendix F: AC Power Line Conducted Emissions

Note: RBW = 9 kHz, VBW = 30 kHz

Channel 6



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.719246	40.6	9.7	56.0	15.4	L1	FLO
1.294796	36.3	9.7	56.0	19.7	N	FLO
2.227606	36.2	9.7	56.0	19.8	L1	FLO
3.804278	34.7	9.7	56.0	21.3	N	FLO
4.774860	36.8	9.8	56.0	19.2	N	FLO
18.870356	31.9	10.1	60.0	28.1	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.707441	31.5	9.7	46.0	14.5	L1	FLO
1.221428	20.1	9.7	46.0	25.9	N	FLO
2.097416	21.9	9.7	46.0	24.1	L1	FLO
3.772616	23.4	9.7	46.0	22.6	N	FLO
4.786170	23.4	9.8	46.0	22.6	L1	FLO
18.537442	18.2	10.1	50.0	31.8	L1	FLO

Appendix G: Unwanted Emissions

802.11a SISO test channels, 5180MHz(36), 5200MHz(40), 5240MHz(48),

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
36	10306	60.92	45.84
40	10400	61.29	45.88
48	10480	60.97	45.63

802.11n-HT20 SISO test channels, 5180MHz(36), 5200MHz(40), 5240MHz(48),

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
36	10306	60.98	45.57
40	10400	61.24	46.21
48	10480	60.88	45.81

802.11n-HT20 MIMO test channels, 5180MHz(36), 5200MHz(40), 5240MHz(48),

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
36	10306	50.36	36.44
40	10400	50.47	36.72
48	10480	49.90	36.25

802.11 n-HT40 SISO test channels, 5190MHz(38), 5230MHz(46)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
38	10380	50.89	36.20
46	10460	60.57	45.71

802.11 n-HT40 MIMO test channels, 5190MHz(38), 5230MHz(46)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
38	10380	50.99	36.07
46	10460	50.49	35.87

802.11ac SISO test channels, 5210MHz(42)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
42	10420	50.18	35.98

802.11ac MIMO test channels, 5210MHz(42)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
42	10420	51.32	35.96

END