

Appendix DTS.A: DTS (6 dB) Bandwidth

In this document, the “DTS6dBBW” refers to the measured “DTS (6 dB) Bandwidth” value. In this Appendix, the “fc(DTS6dBBW)” refers to the centre of the measured “DTS6dBBW”. The introduction of the “fc(DTS6dBBW)” is due to that other measurements use it as the spectrum analyzer setting.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

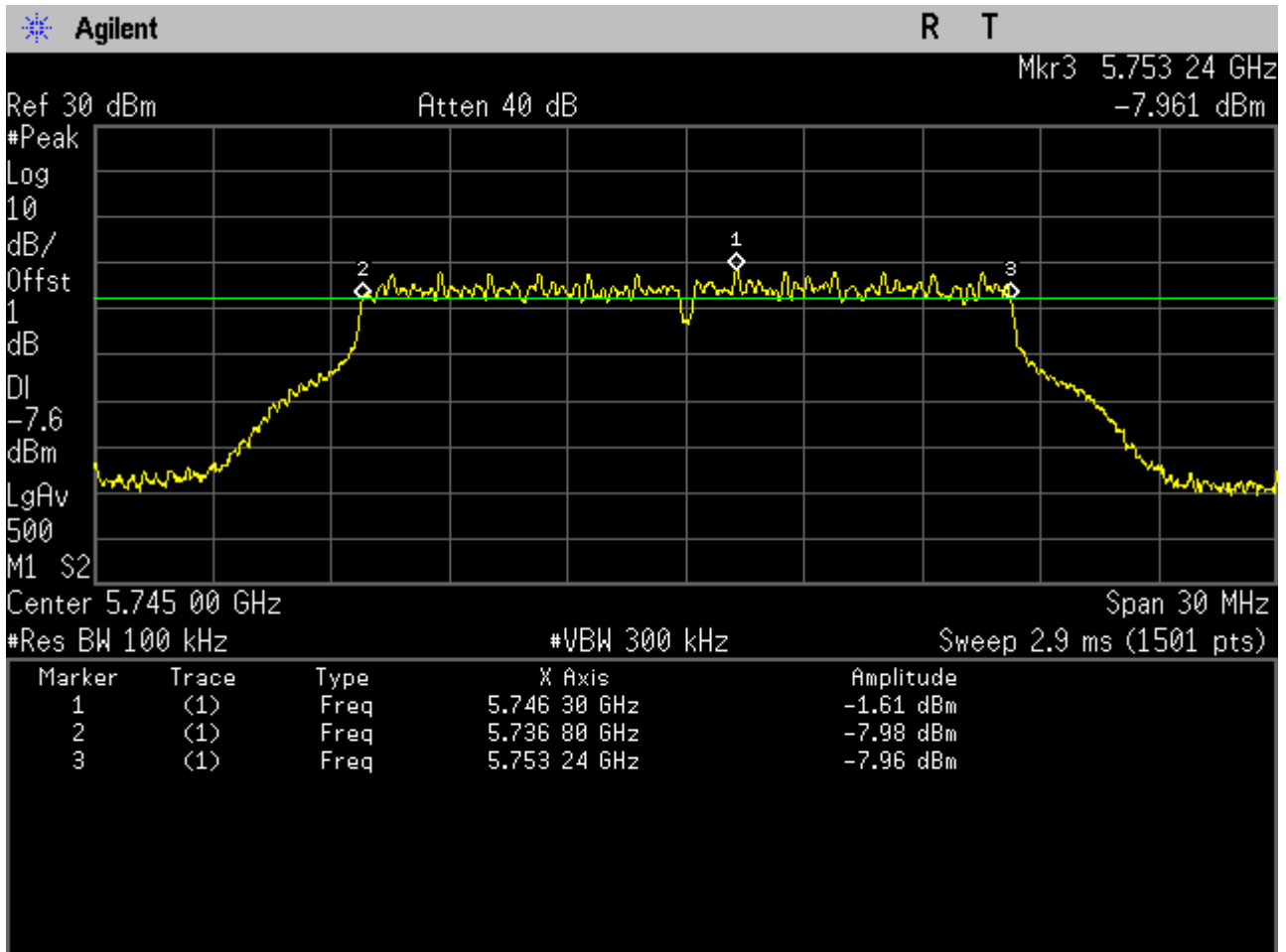
1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	DTS6dBBW[M Hz]	Verdict
11A	149	5745	Ant 1	16.44	pass
11A	149	5745	Ant 2	16.42	pass
11A	157	5785	Ant 1	16.42	pass
11A	157	5785	Ant 2	16.42	pass
11A	165	5825	Ant 1	16.44	pass
11A	165	5825	Ant 2	16.44	pass
11N20	149	5745	Ant 1	17.74	pass
11N20	149	5745	Ant 2	17.74	pass
11N20M	149	5745	Ant 1	17.74	pass
11N20M	149	5745	Ant 2	17.74	pass
11N20	157	5785	Ant 1	17.76	pass
11N20	157	5785	Ant 2	17.74	pass
11N20M	157	5785	Ant 1	17.72	pass
11N20M	157	5785	Ant 2	17.74	pass
11N20	165	5825	Ant 1	17.76	pass
11N20	165	5825	Ant 2	17.74	pass
11N20M	165	5825	Ant 1	17.74	pass
11N20M	165	5825	Ant 2	17.78	pass
11N40	151	5755	Ant 1	36.5	pass
11N40	151	5755	Ant 2	36.48	pass
11N40M	151	5755	Ant 1	36.48	pass
11N40M	151	5755	Ant 2	36.48	pass
11N40	159	5795	Ant 1	36.5	pass
11N40	159	5795	Ant 2	36.52	pass
11N40M	159	5795	Ant 1	36.44	pass
11N40M	159	5795	Ant 2	36.46	pass
11AC20	149	5745	Ant 1	17.74	pass
11AC20	149	5745	Ant 2	17.76	pass

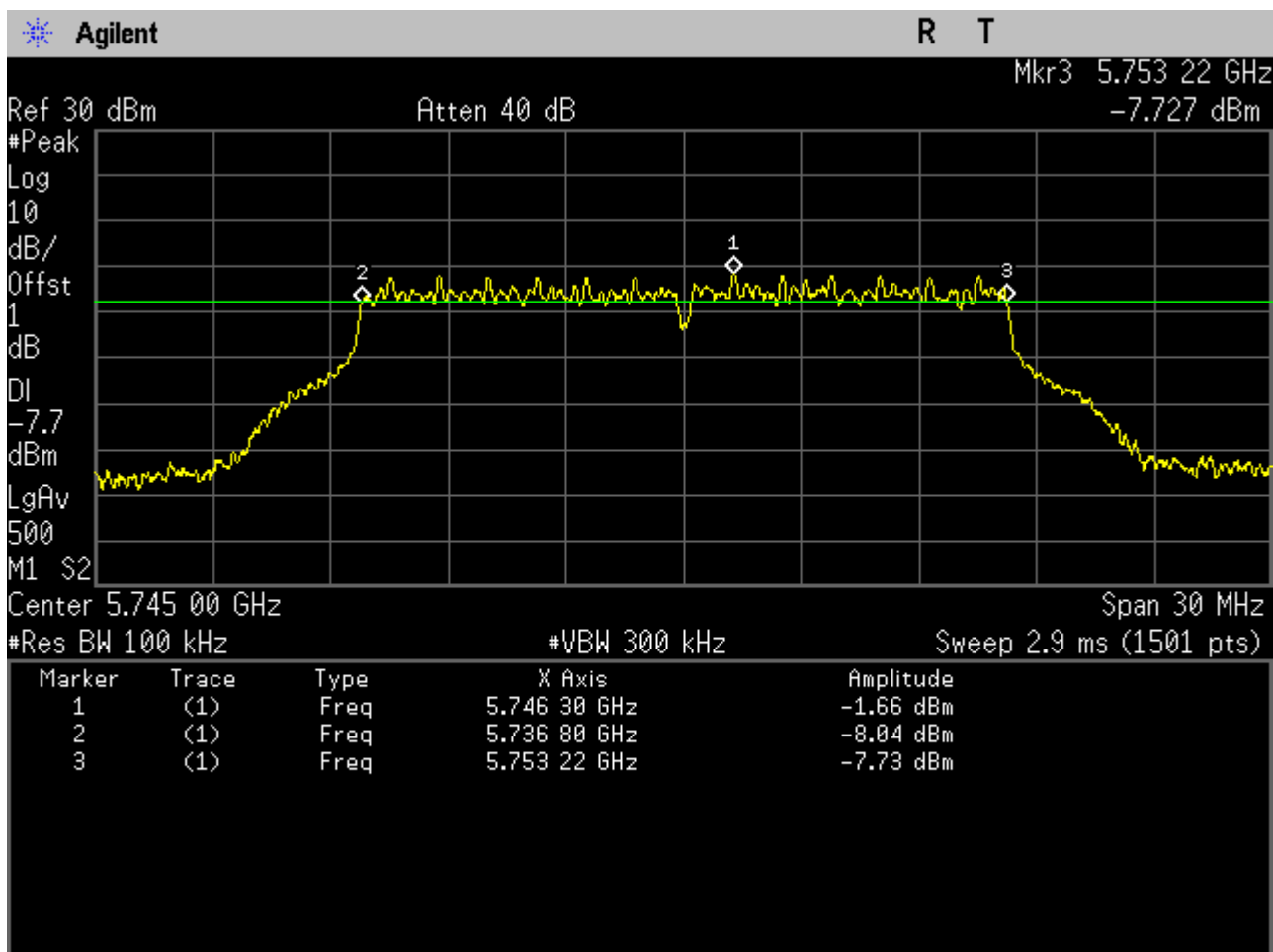
11AC20M	149	5745	Ant 1	17.74	pass
11AC20M	149	5745	Ant 2	17.8	pass
11AC20	157	5785	Ant 1	17.74	pass
11AC20	157	5785	Ant 2	17.76	pass
11AC20M	157	5785	Ant 1	17.76	pass
11AC20M	157	5785	Ant 2	17.74	pass
11AC20	165	5825	Ant 1	17.72	pass
11AC20	165	5825	Ant 2	17.74	pass
11AC20M	165	5825	Ant 1	17.78	pass
11AC20M	165	5825	Ant 2	17.74	pass
11AC40	151	5755	Ant 1	36.46	pass
11AC40	151	5755	Ant 2	36.52	pass
11AC40M	151	5755	Ant 1	36.48	pass
11AC40M	151	5755	Ant 2	36.5	pass
11AC40	159	5795	Ant 1	36.48	pass
11AC40	159	5795	Ant 2	36.48	pass
11AC40M	159	5795	Ant 1	36.46	pass
11AC40M	159	5795	Ant 2	36.48	pass
11AC80	155	5775	Ant 1	76.16	pass
11AC80	155	5775	Ant 2	76.4	pass
11AC80M	155	5775	Ant 1	76.08	pass
11AC80M	155	5775	Ant 2	76.36	pass

2 Test Plot

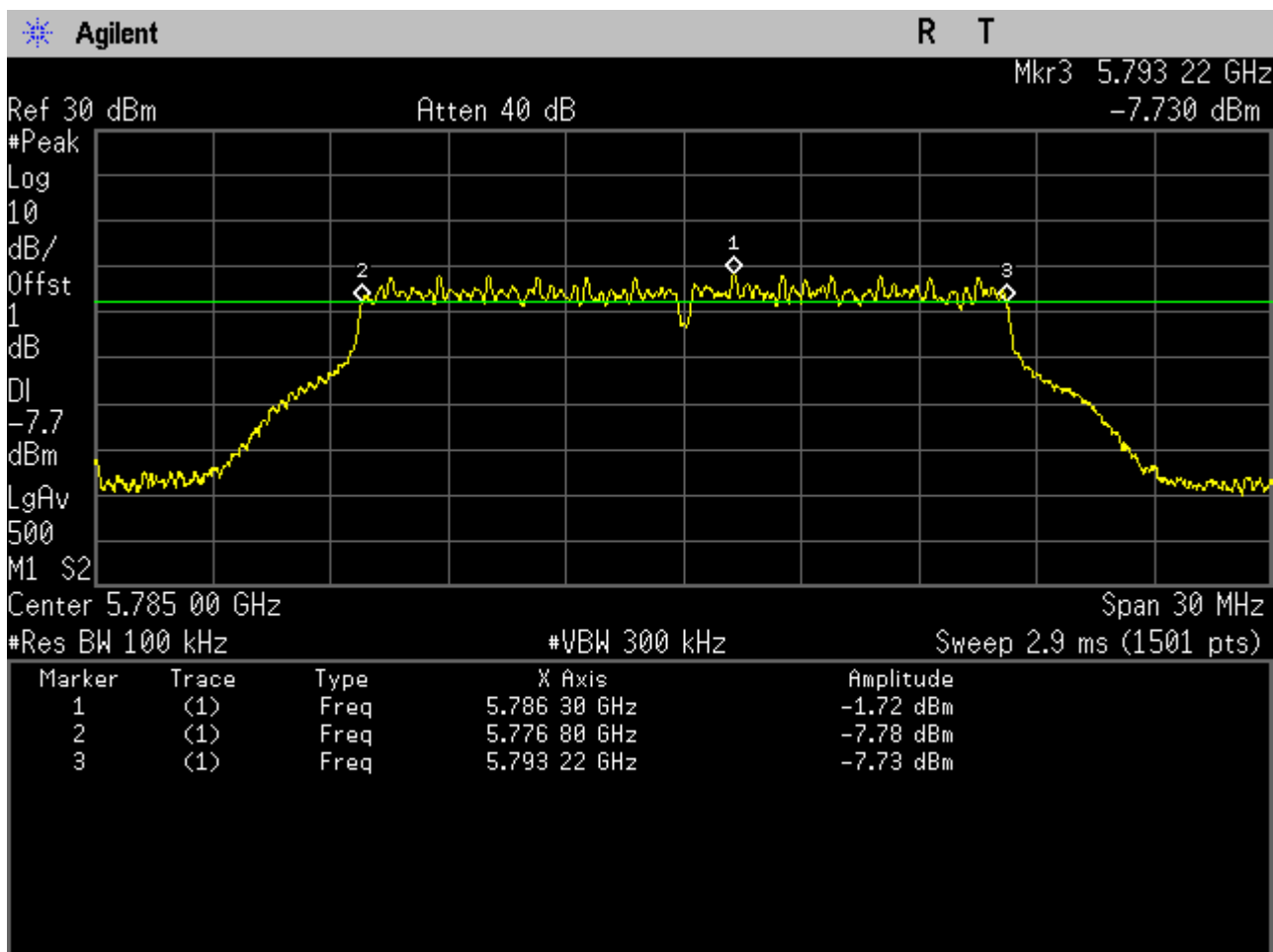
2.1 11A_149 Ant 1



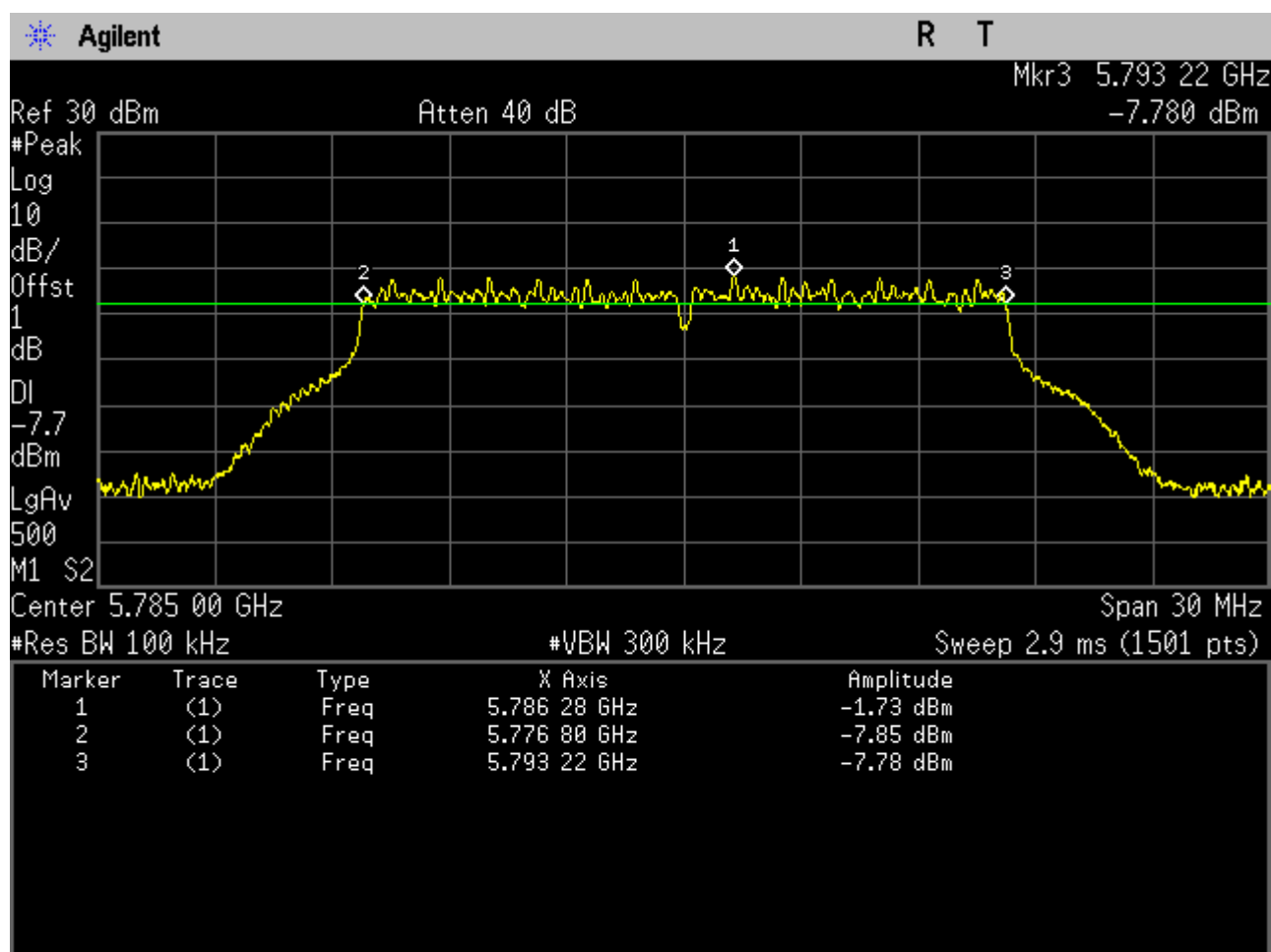
2.2 11A_149 Ant 2



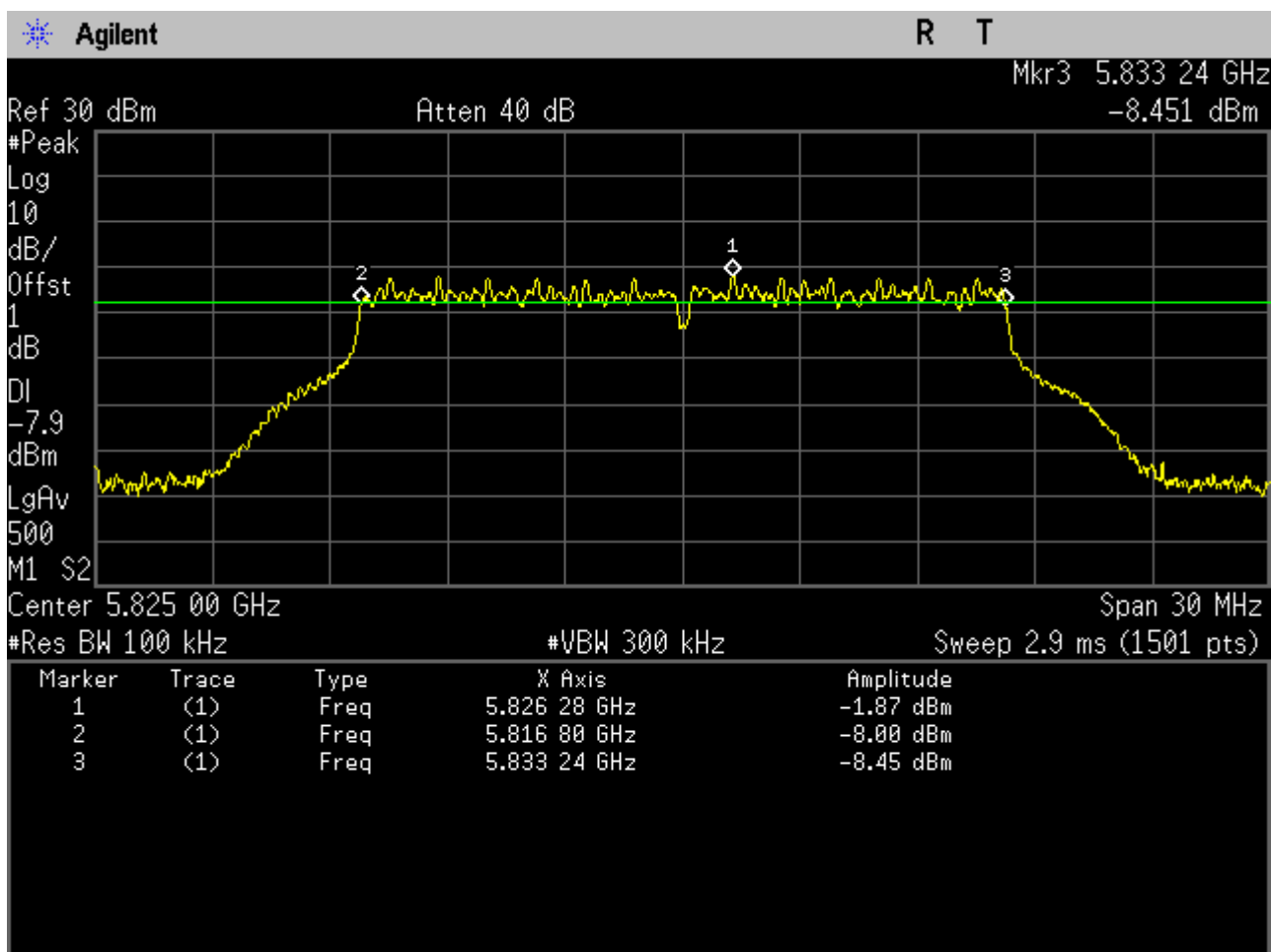
2.3 11A_157 Ant 1



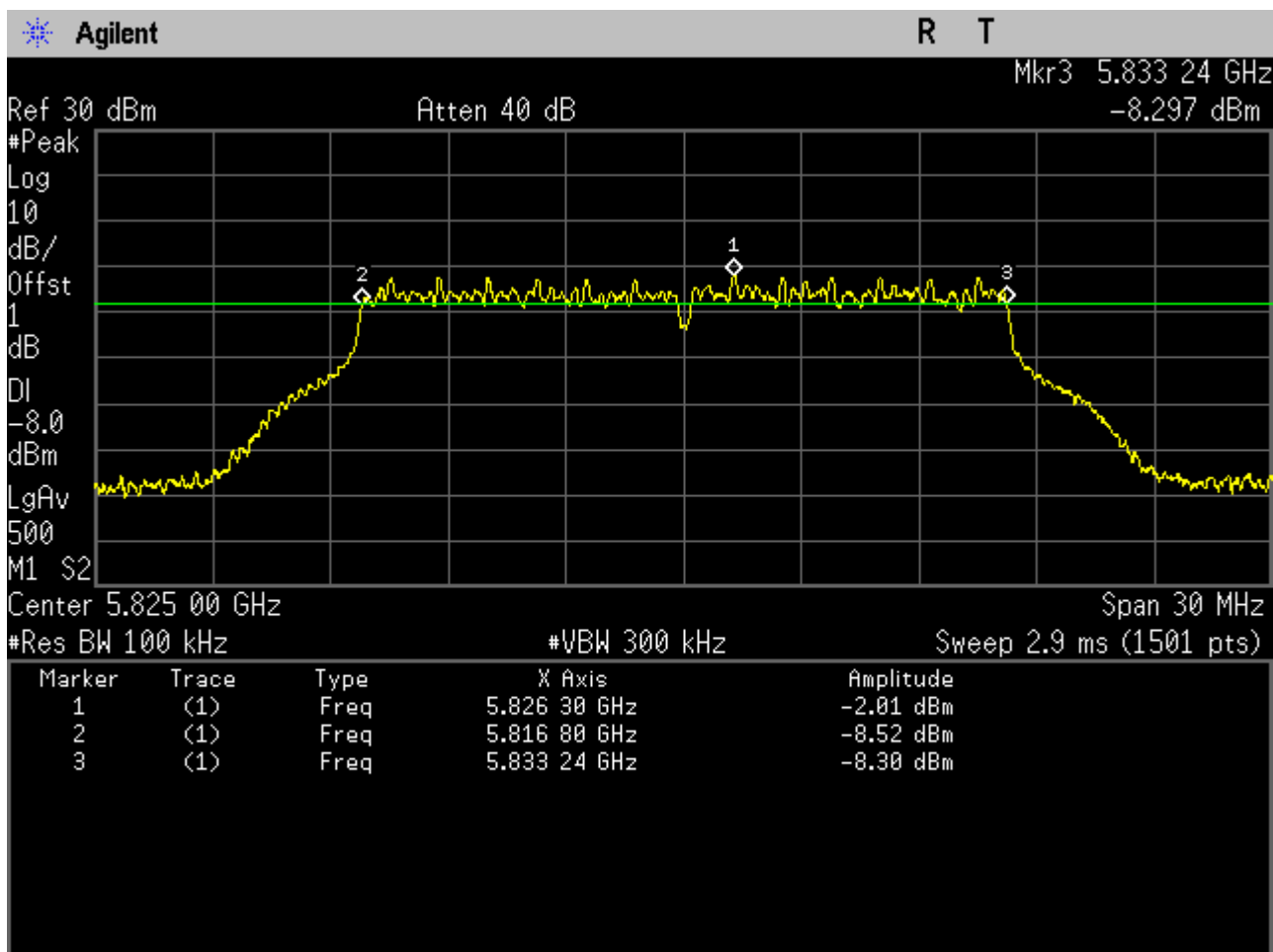
2.4 11A_157 Ant 2



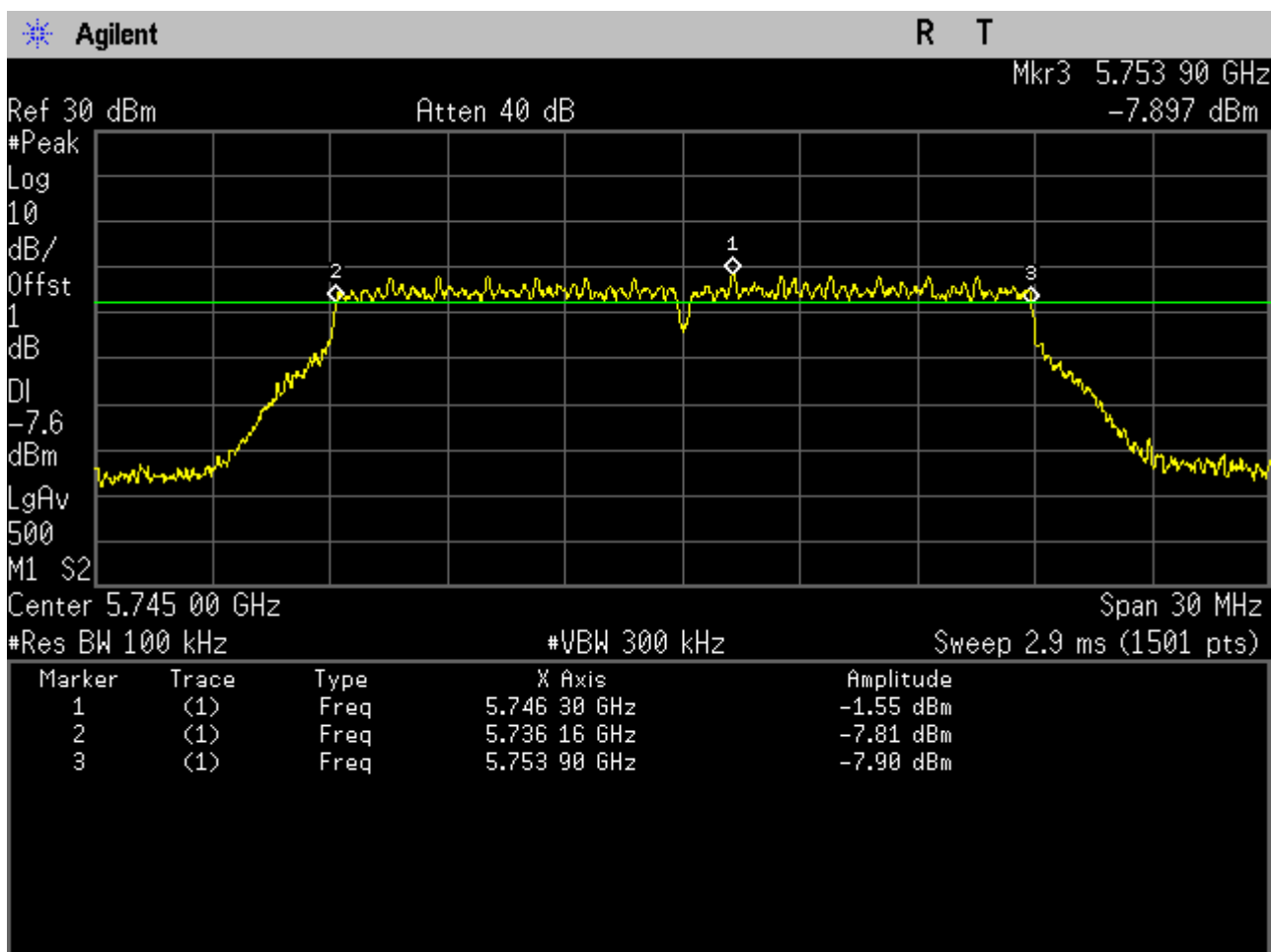
2.5 11A_165 Ant 1



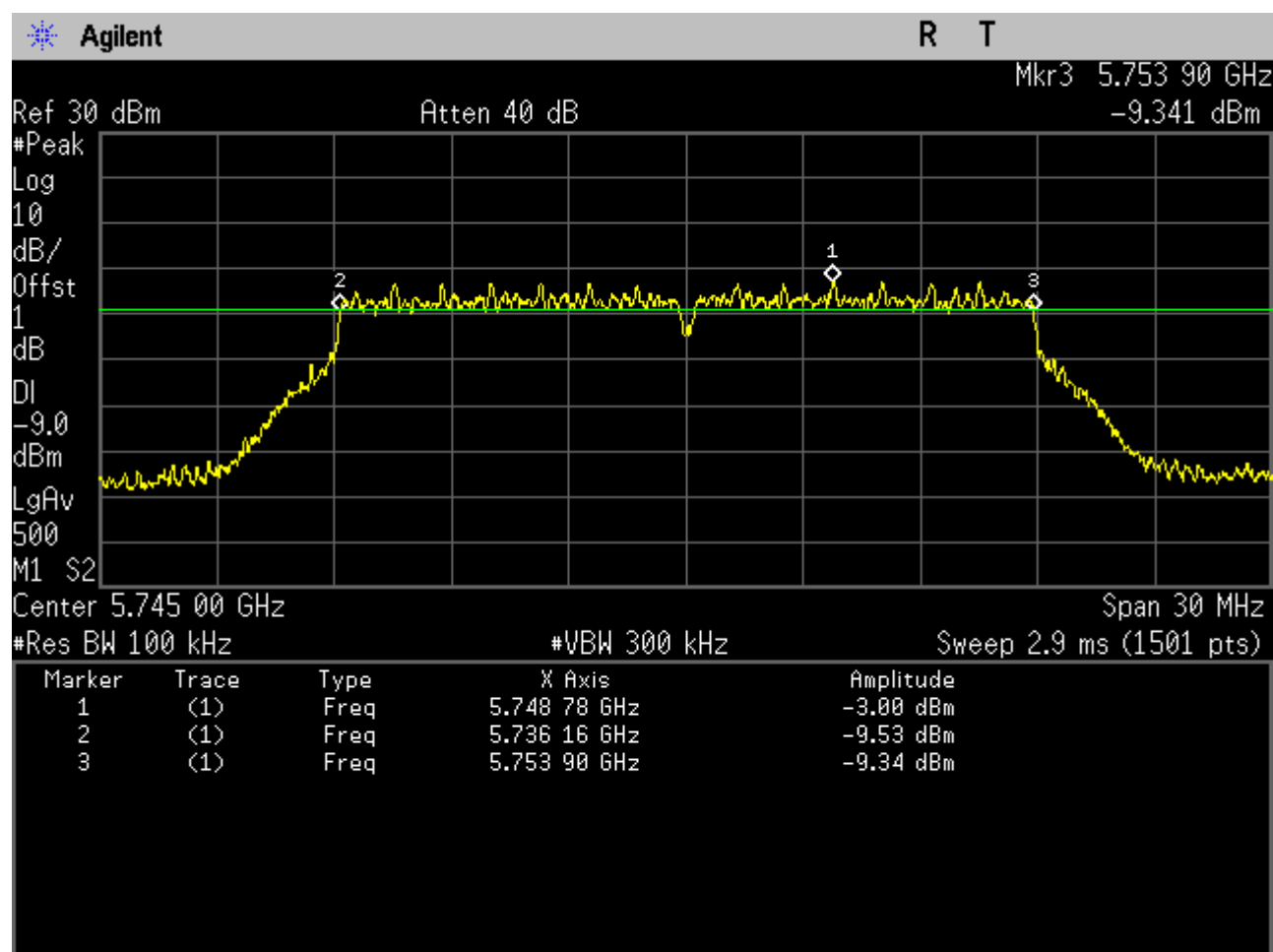
2.6 11A_165 Ant 2



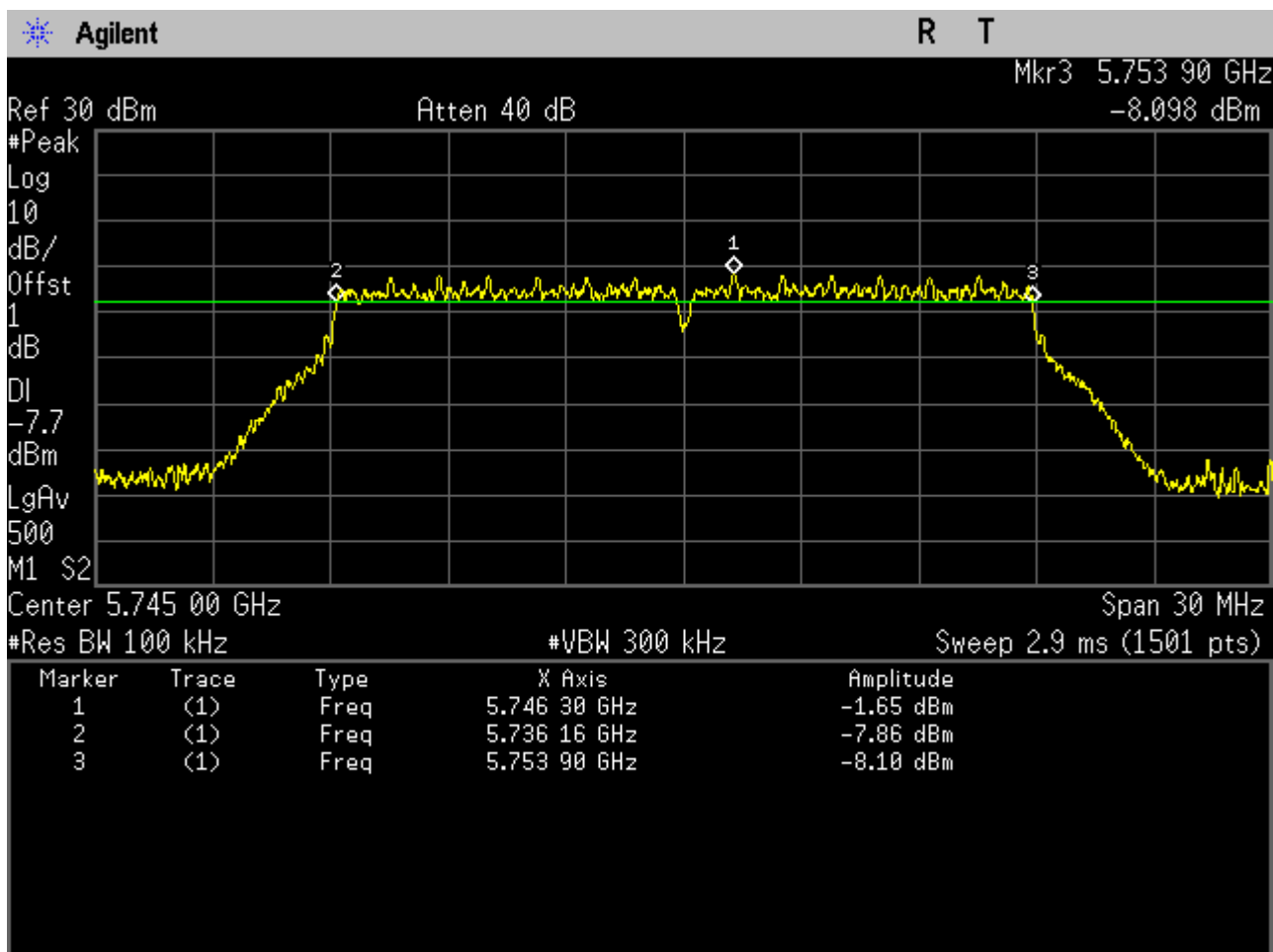
2.7 11N20_149 Ant 1



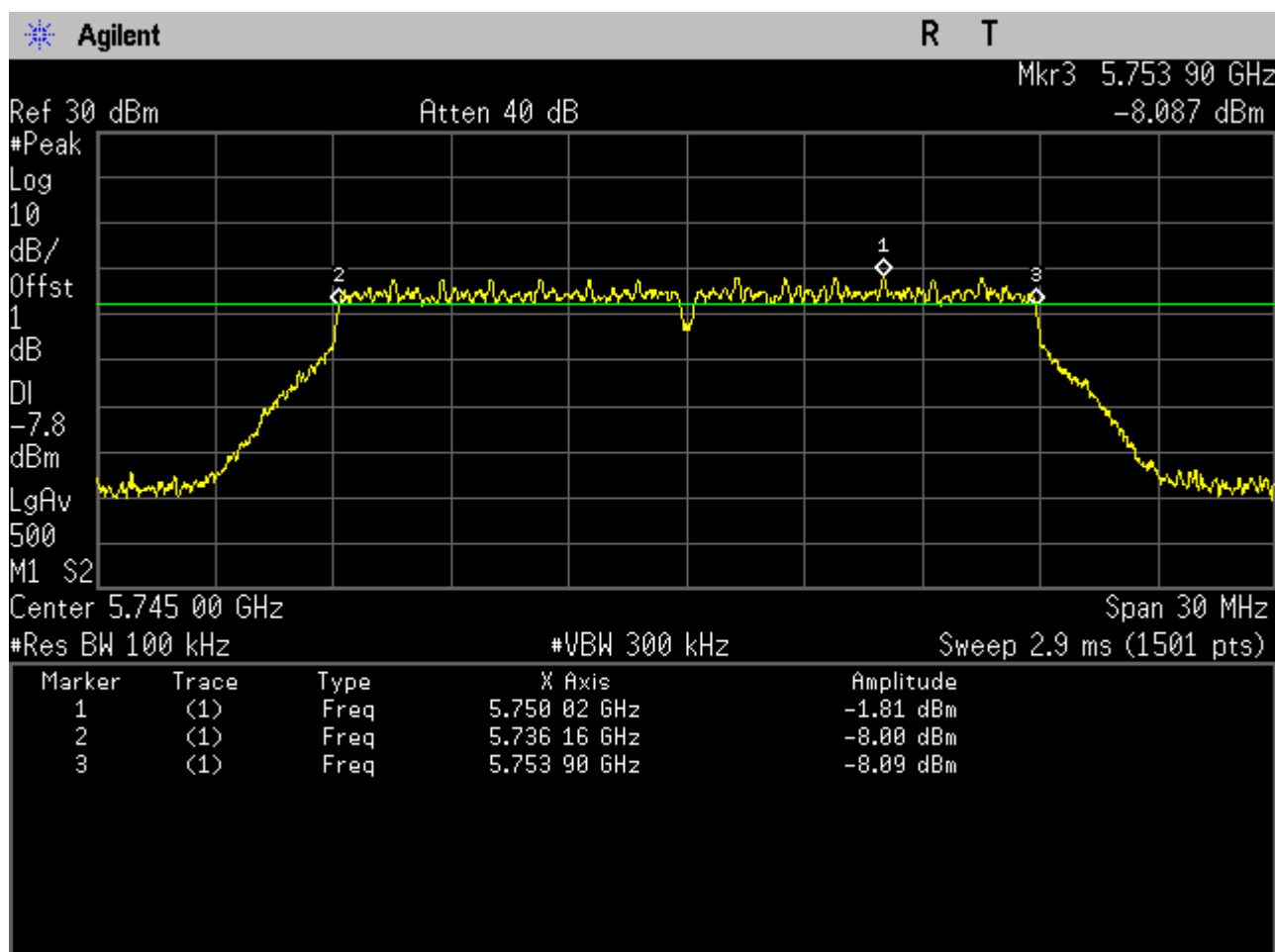
2.8 11N20_149 Ant 2



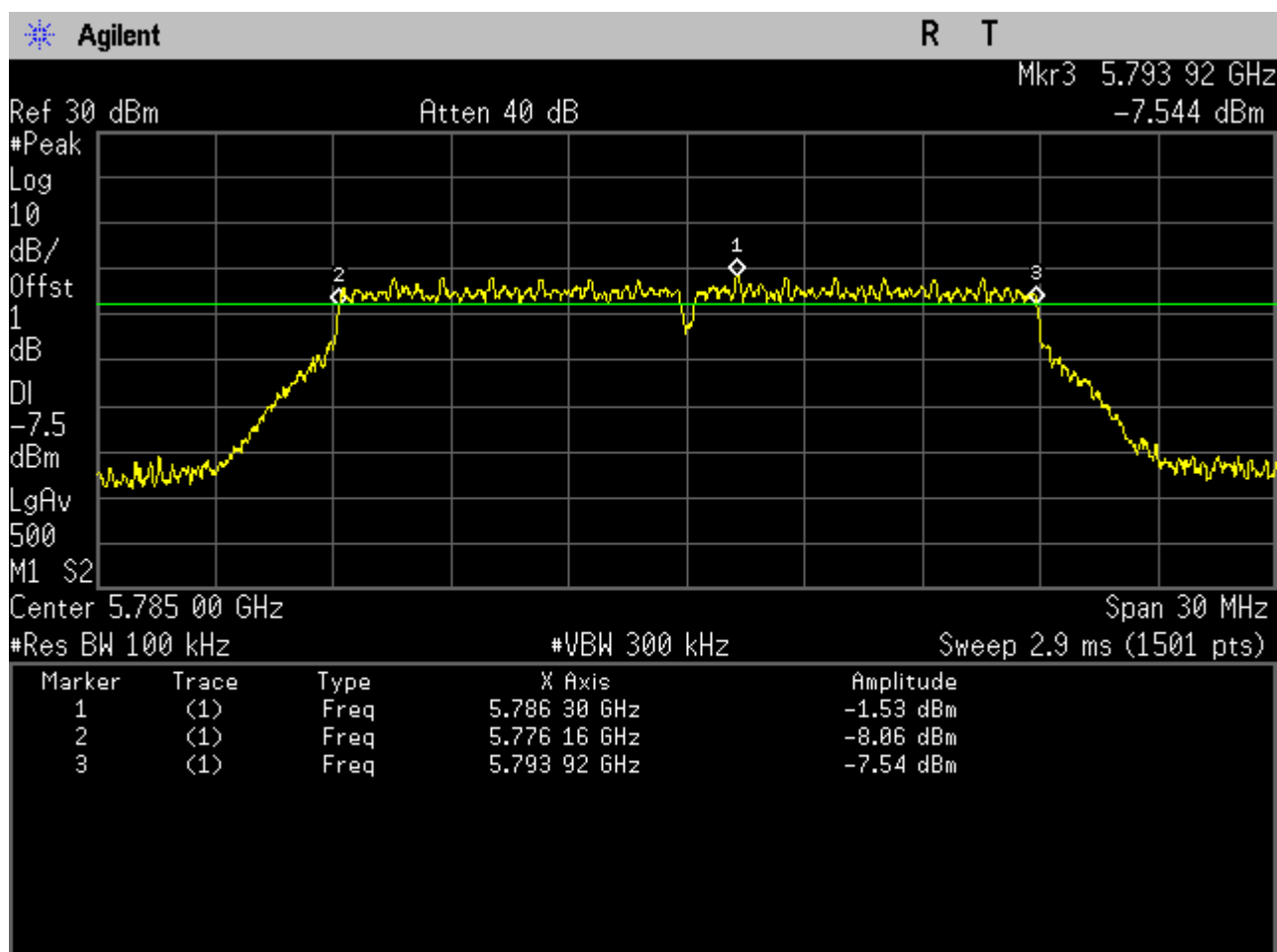
2.9 11N20M_149 Ant 1



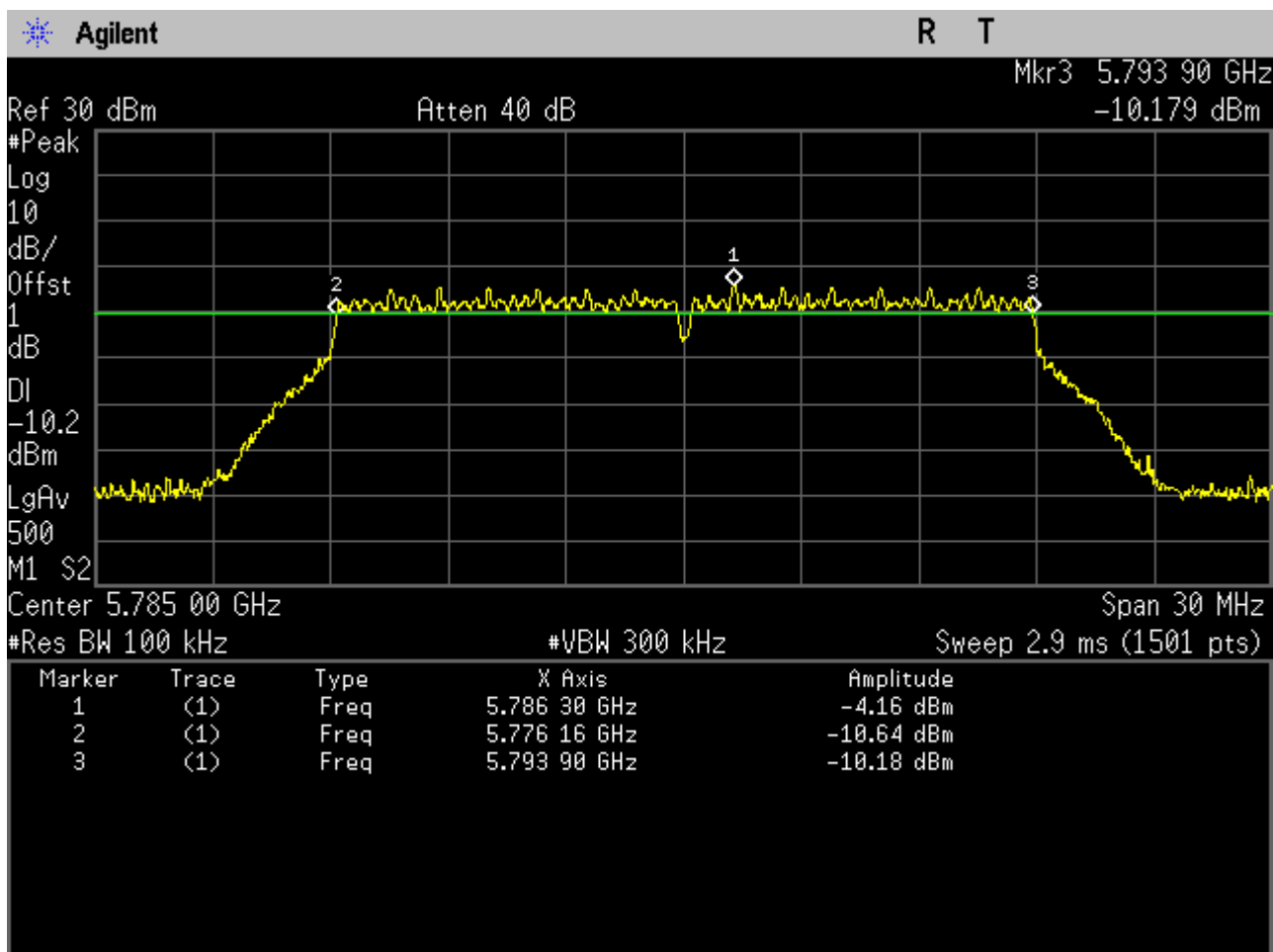
2.10 11N20M_149 Ant 2



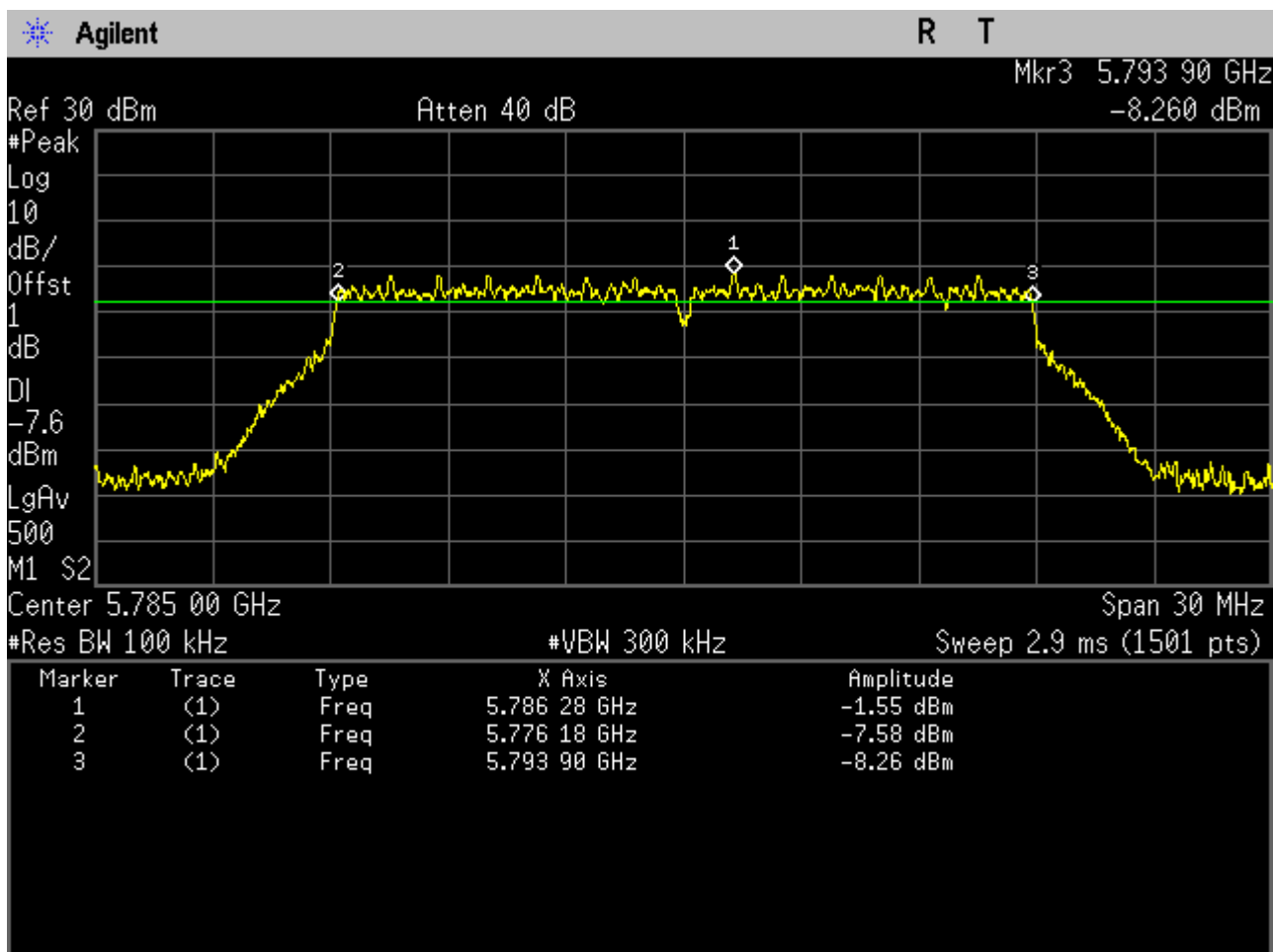
2.11 11N20_157 Ant 1



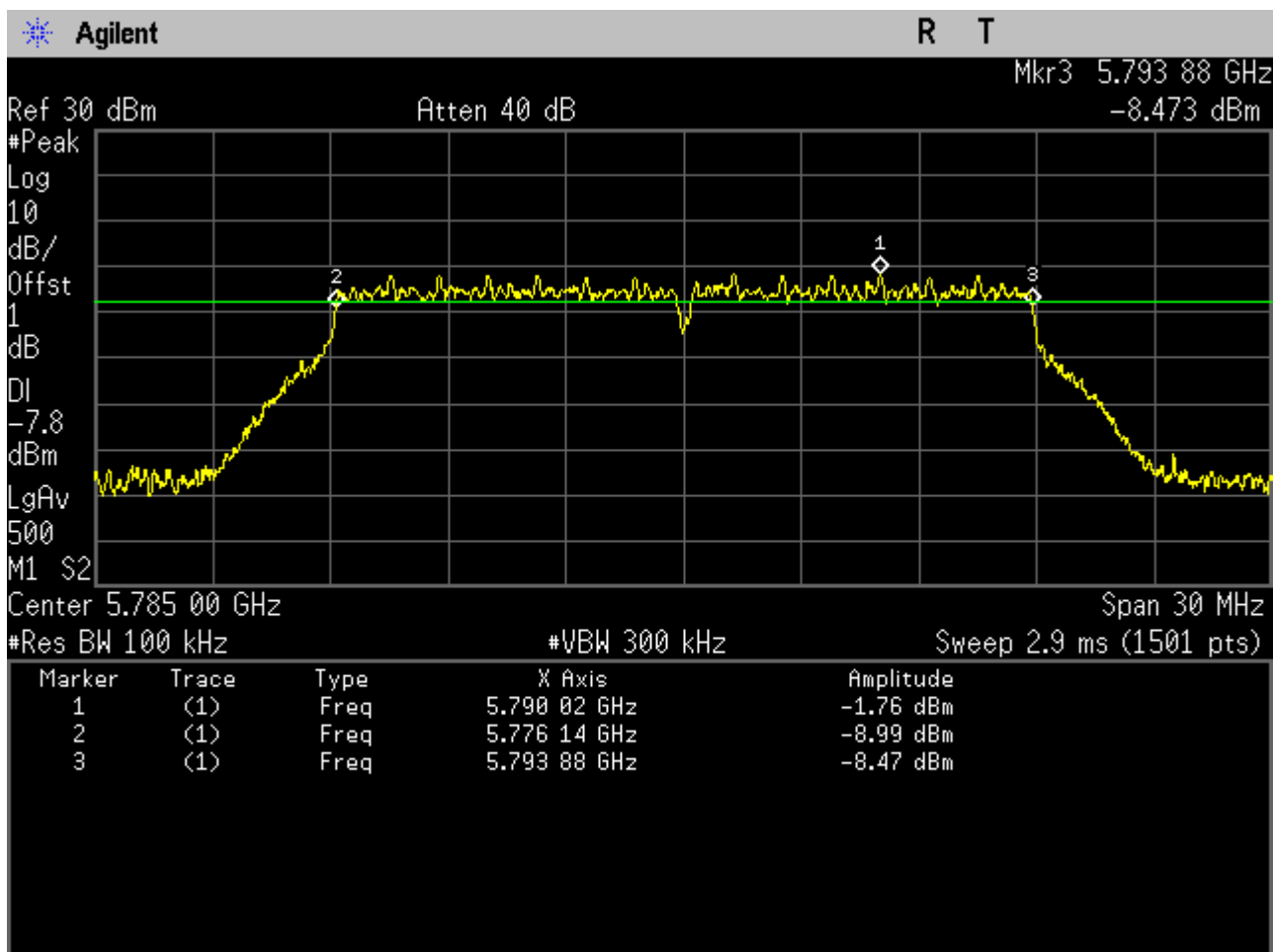
2.12 11N20_157 Ant 2



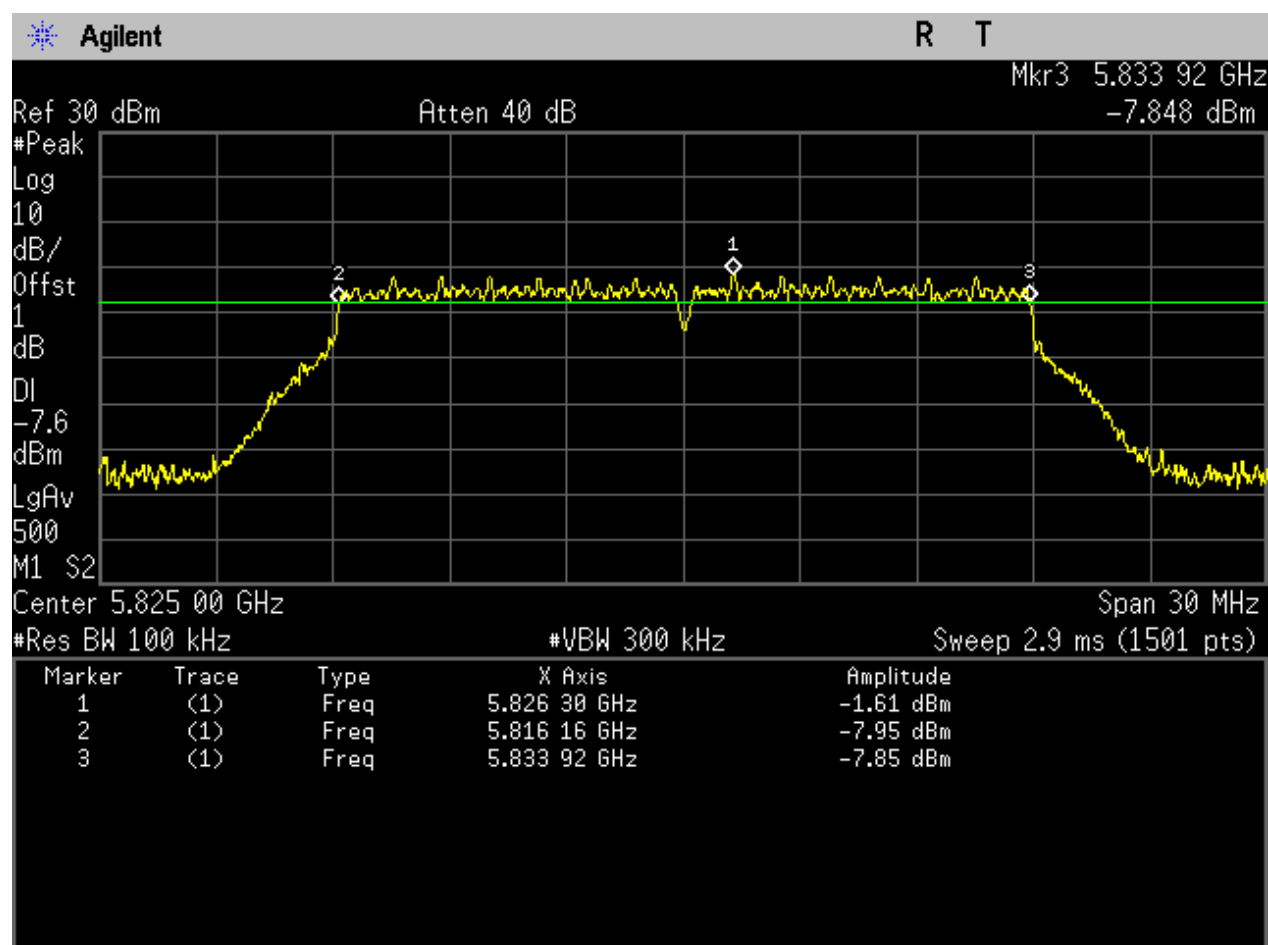
2.13 11N20M_157 Ant 1



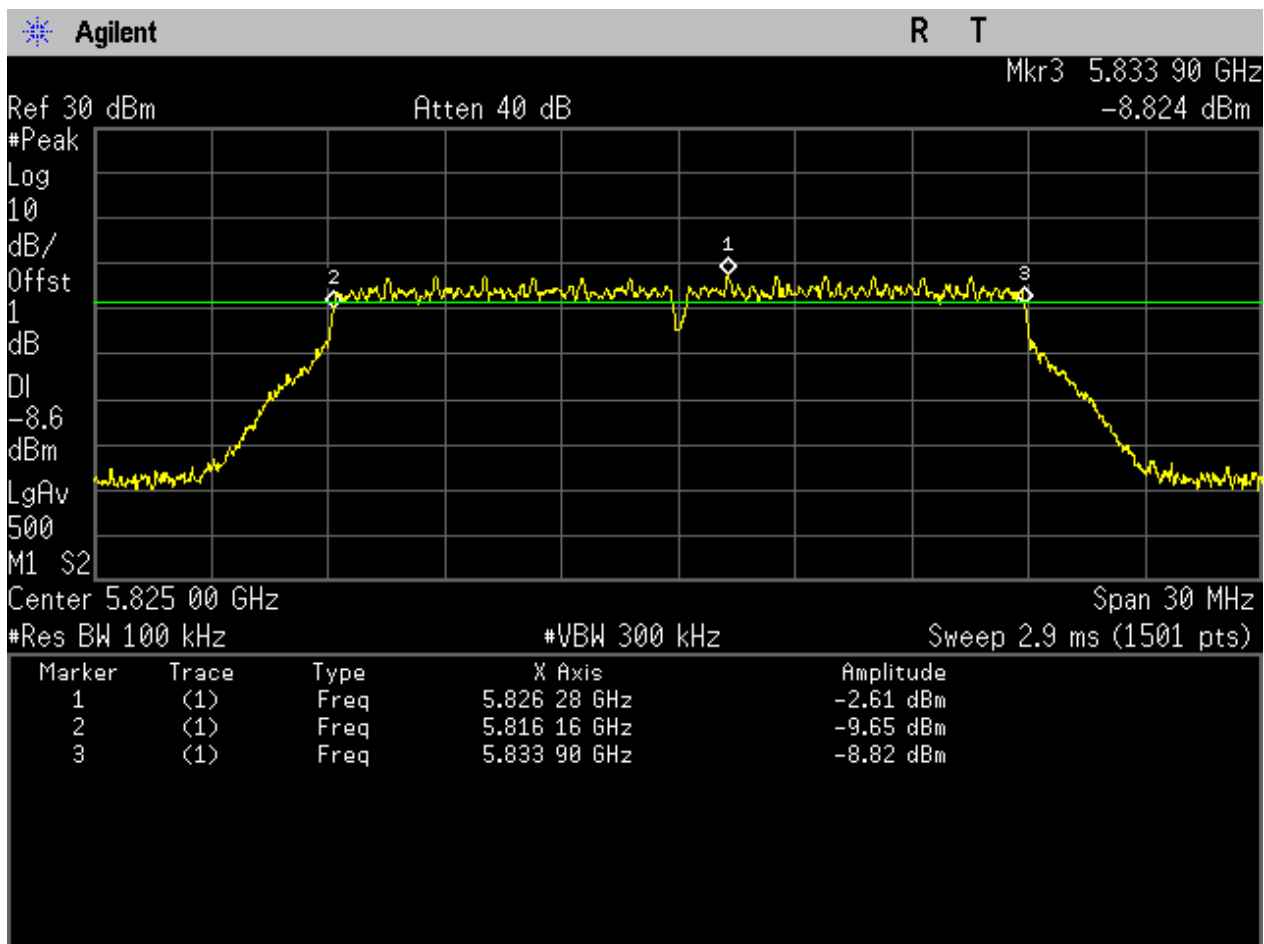
2.14 11N20M_157 Ant 2



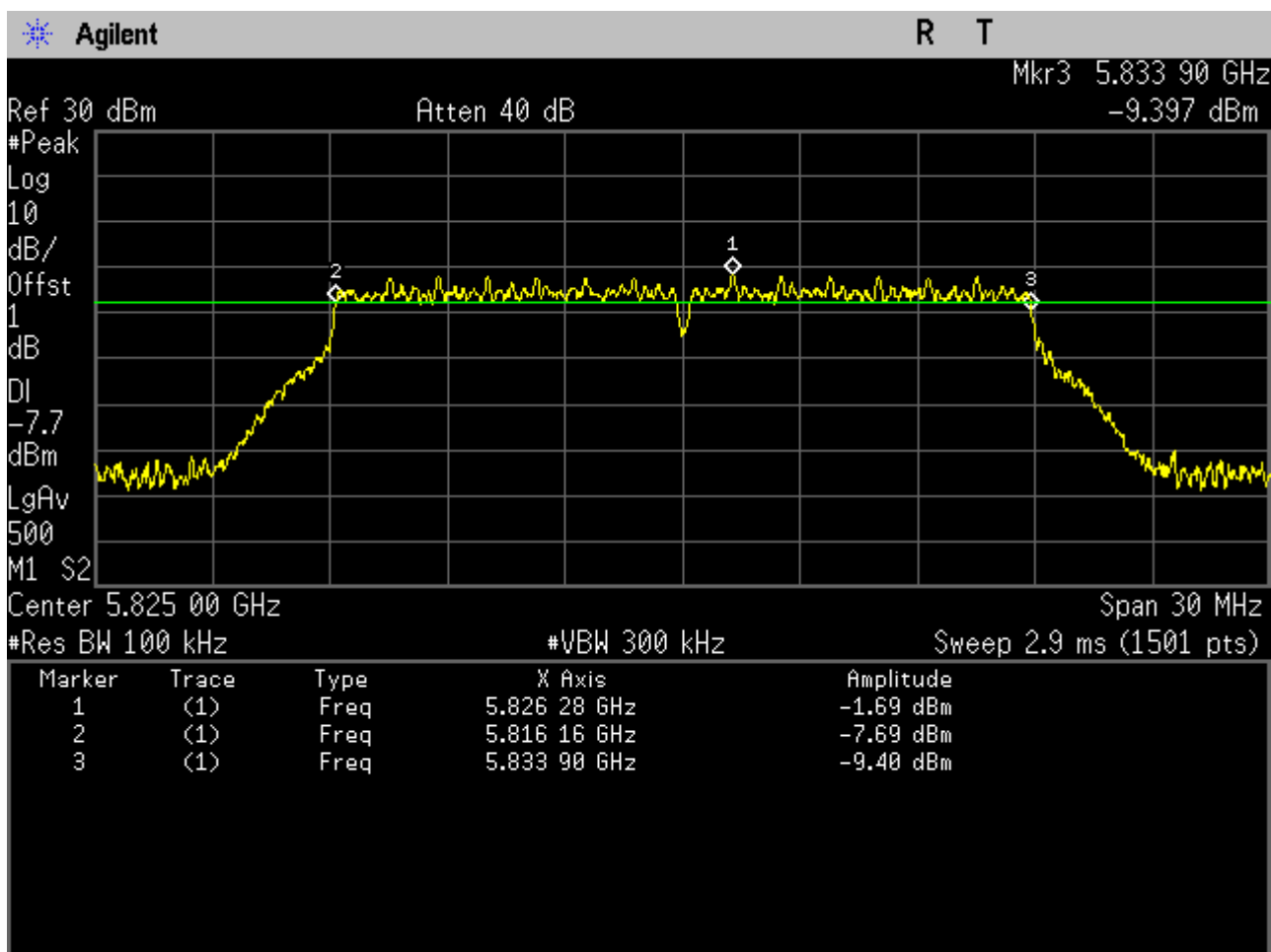
2.15 11N20_165 Ant 1



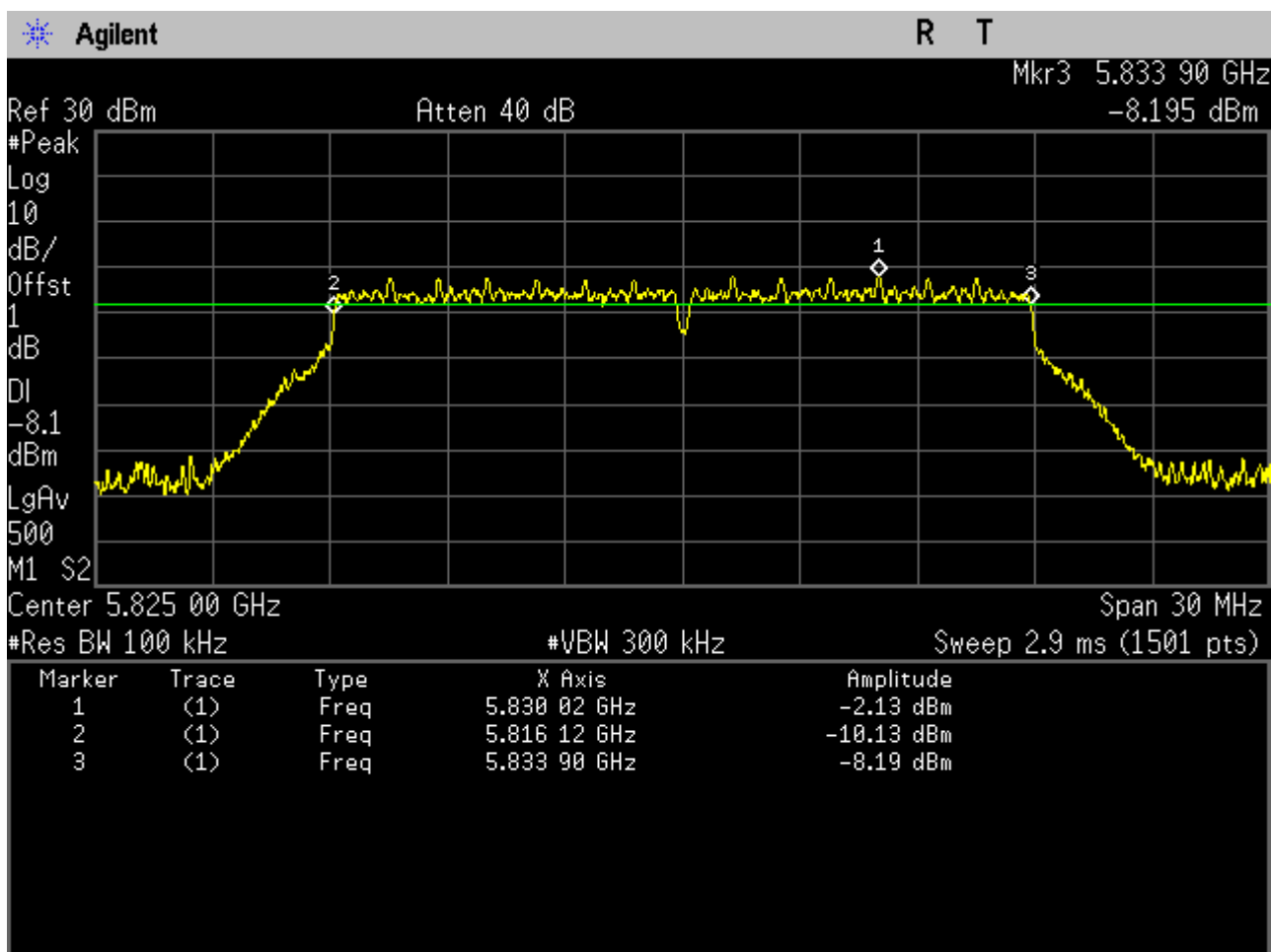
2.16 11N20_165 Ant 2



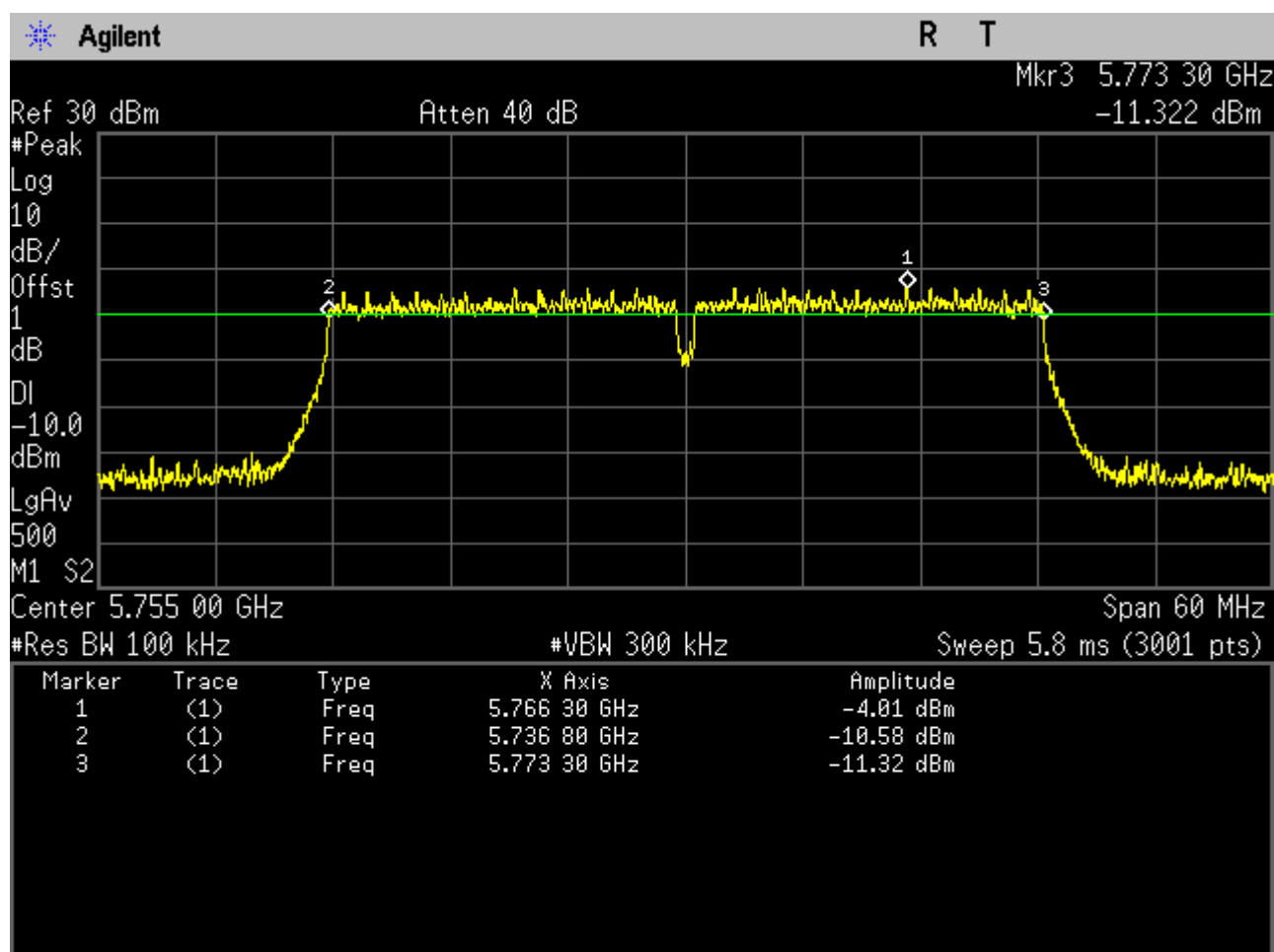
2.17 11N20M_165 Ant 1



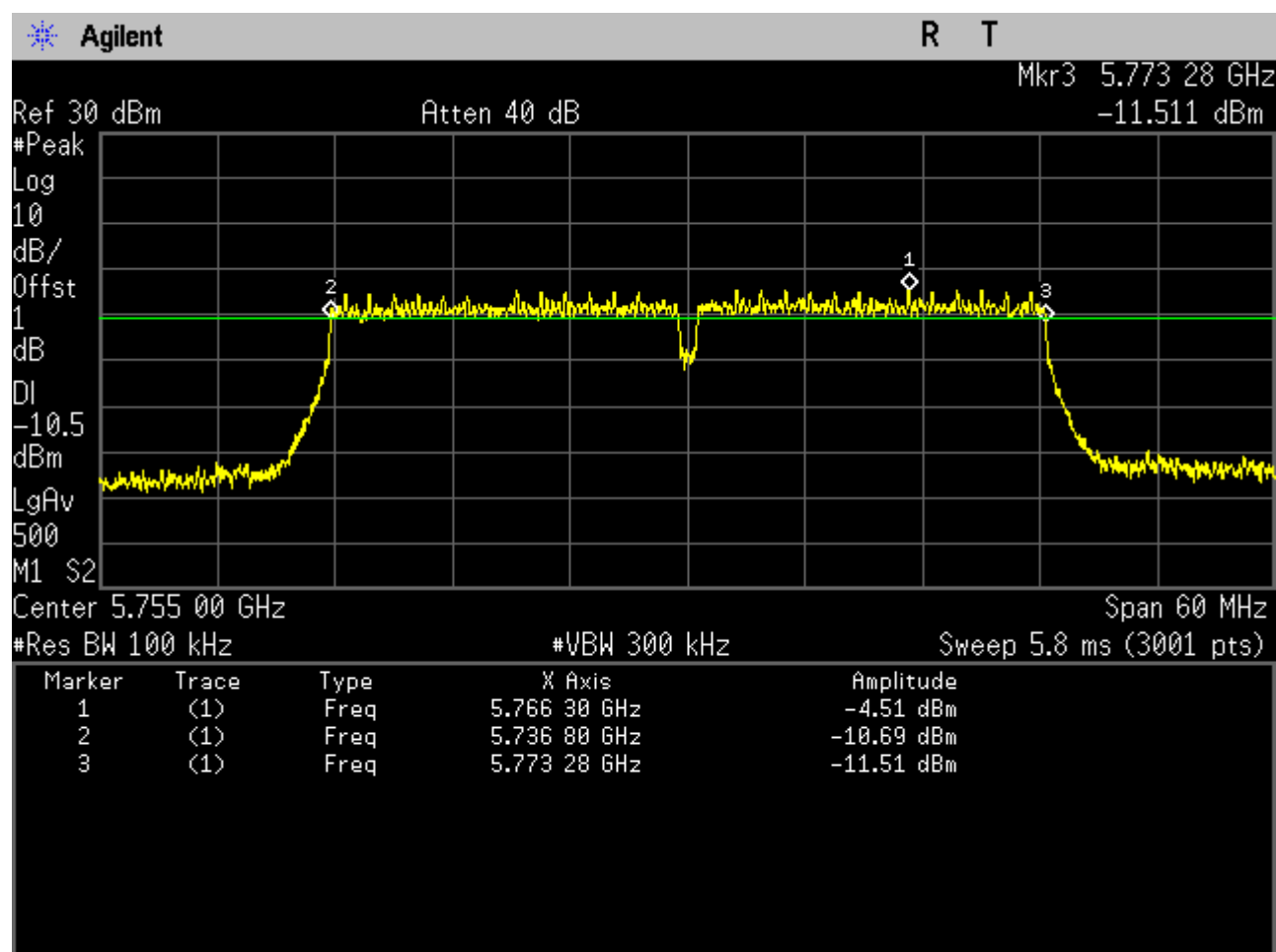
2.18 11N20M_165 Ant 2



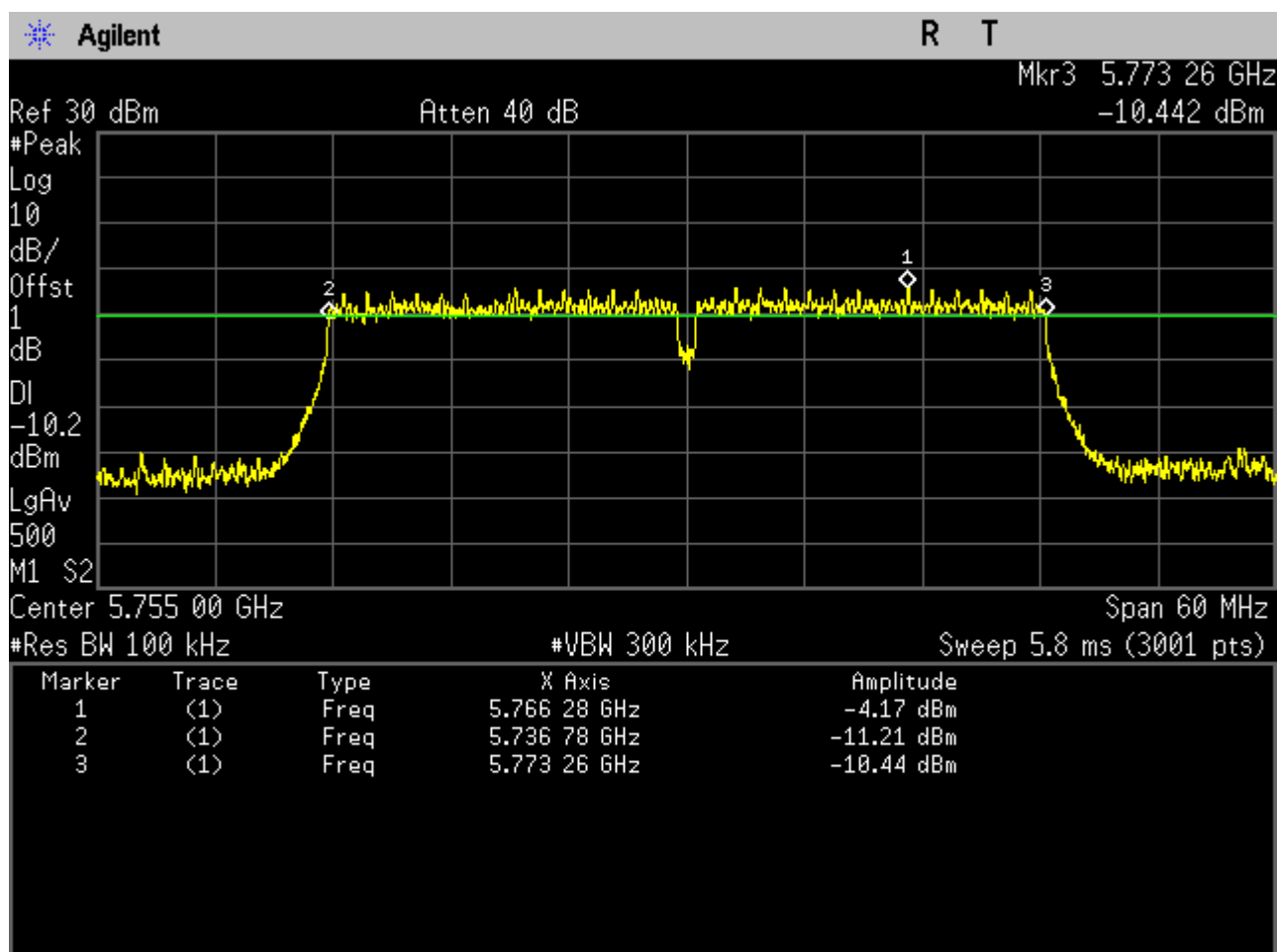
2.19 11N40_151 Ant 1



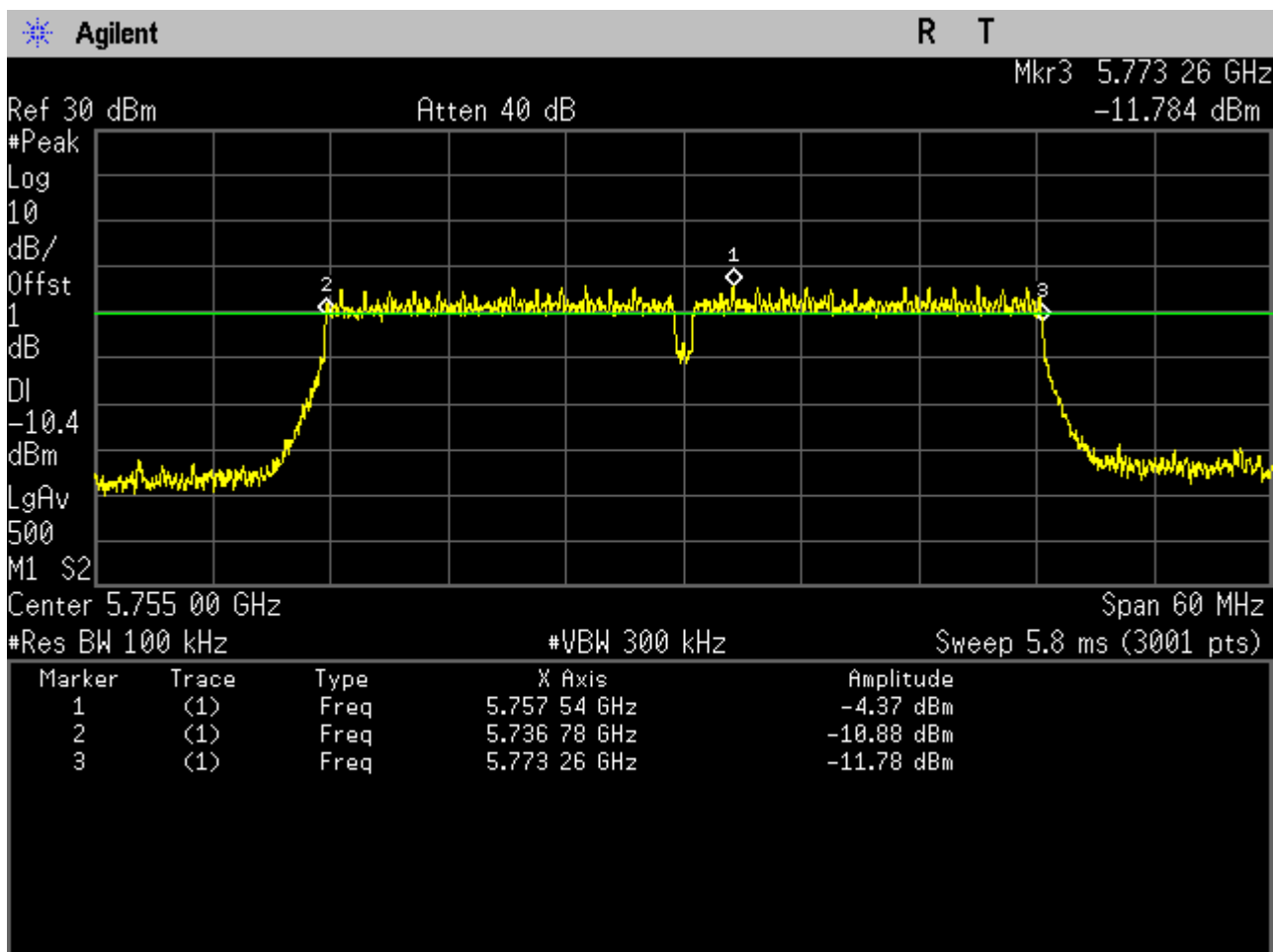
2.20 11N40_151 Ant 2



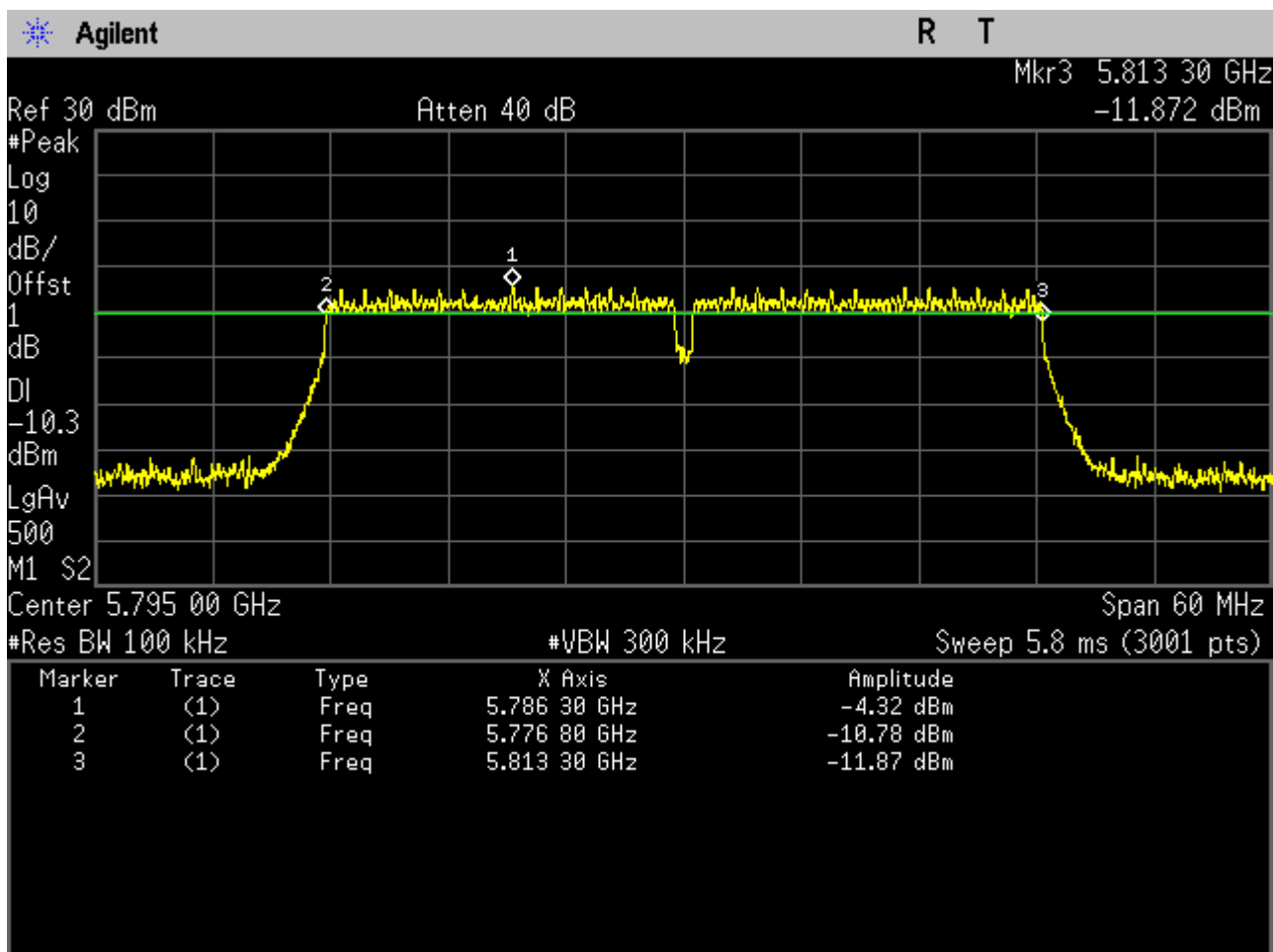
2.21 11N40M_151 Ant 1



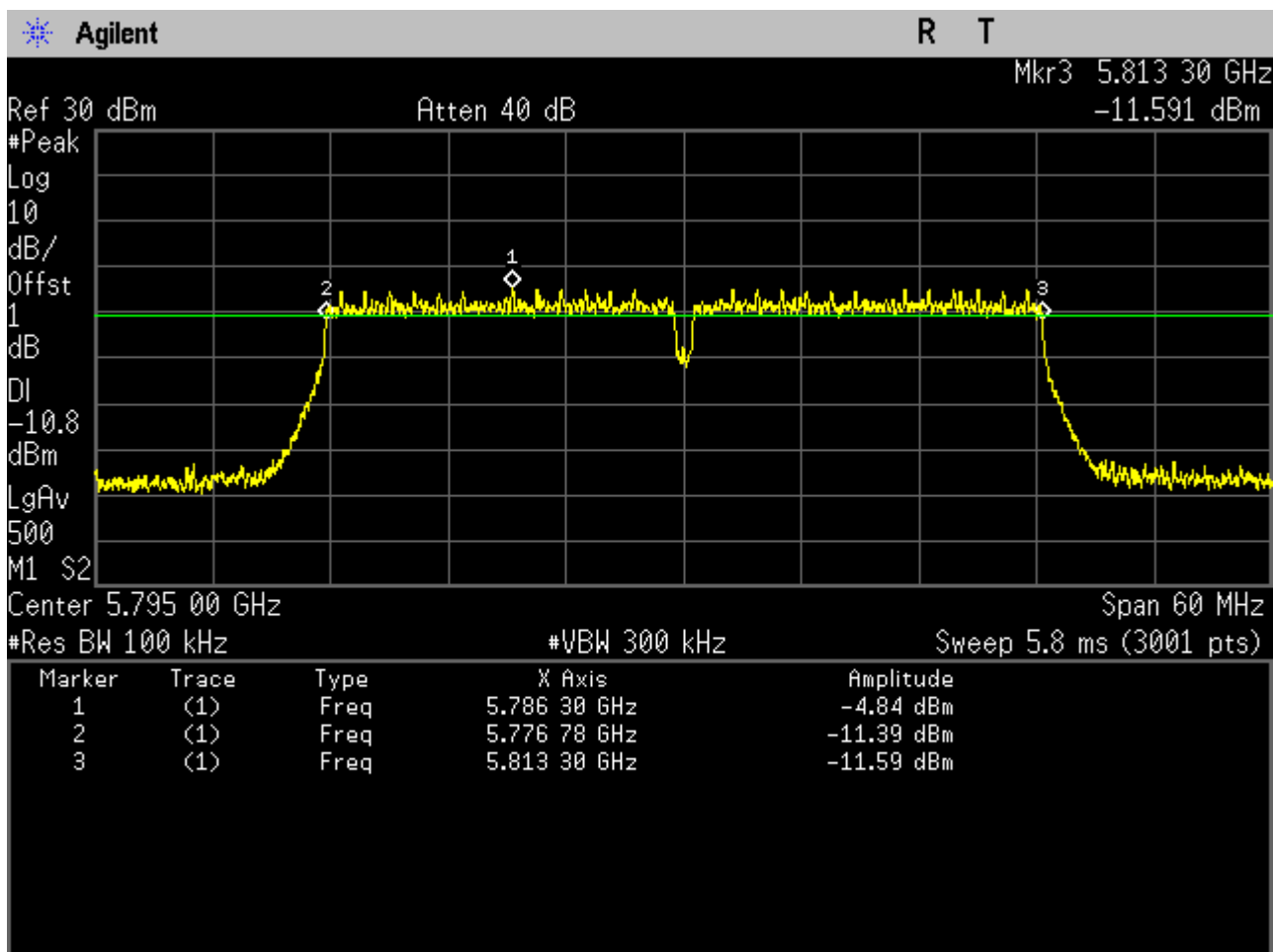
2.22 11N40M_151 Ant 2



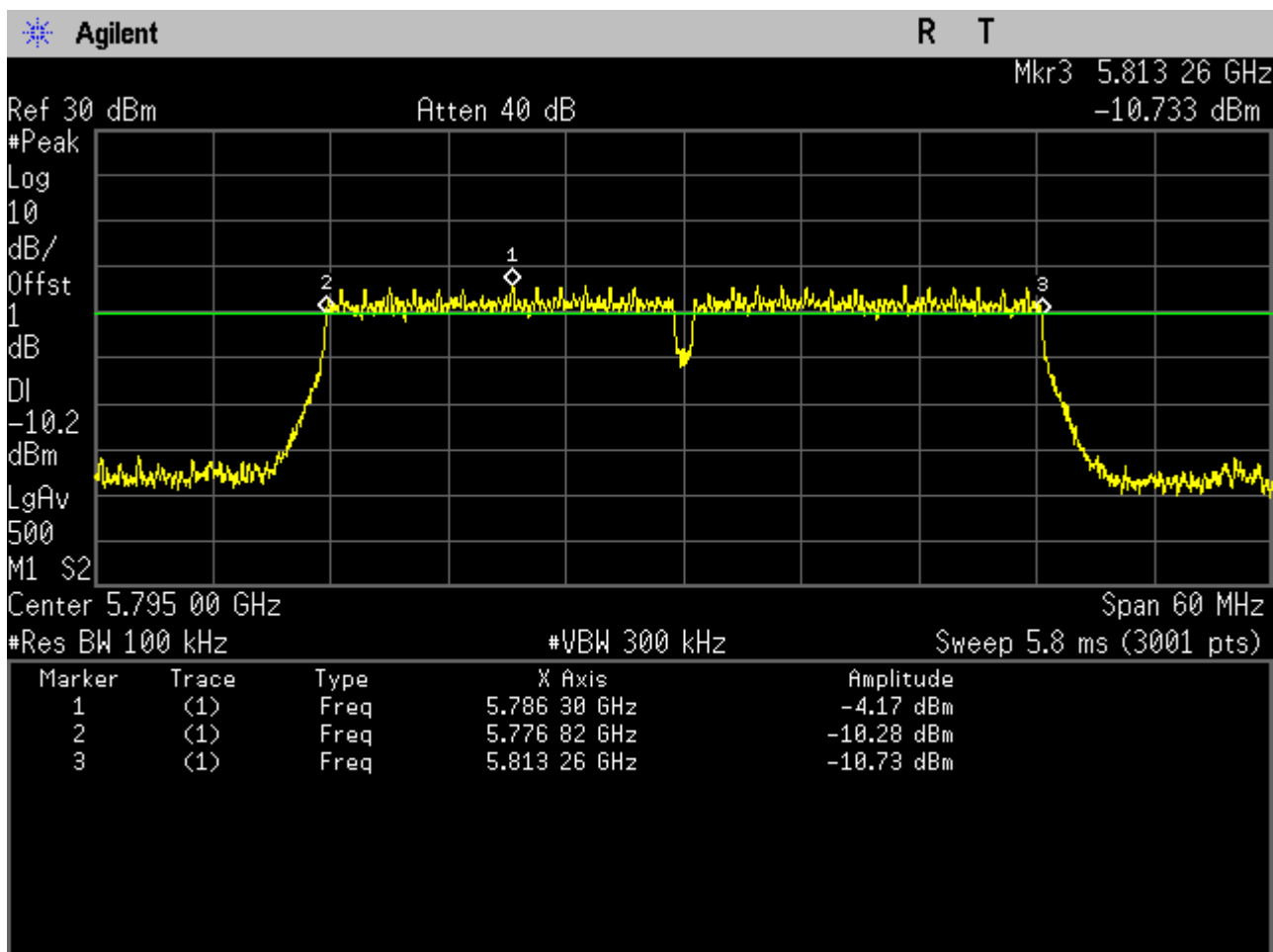
2.23 11N40_159 Ant 1



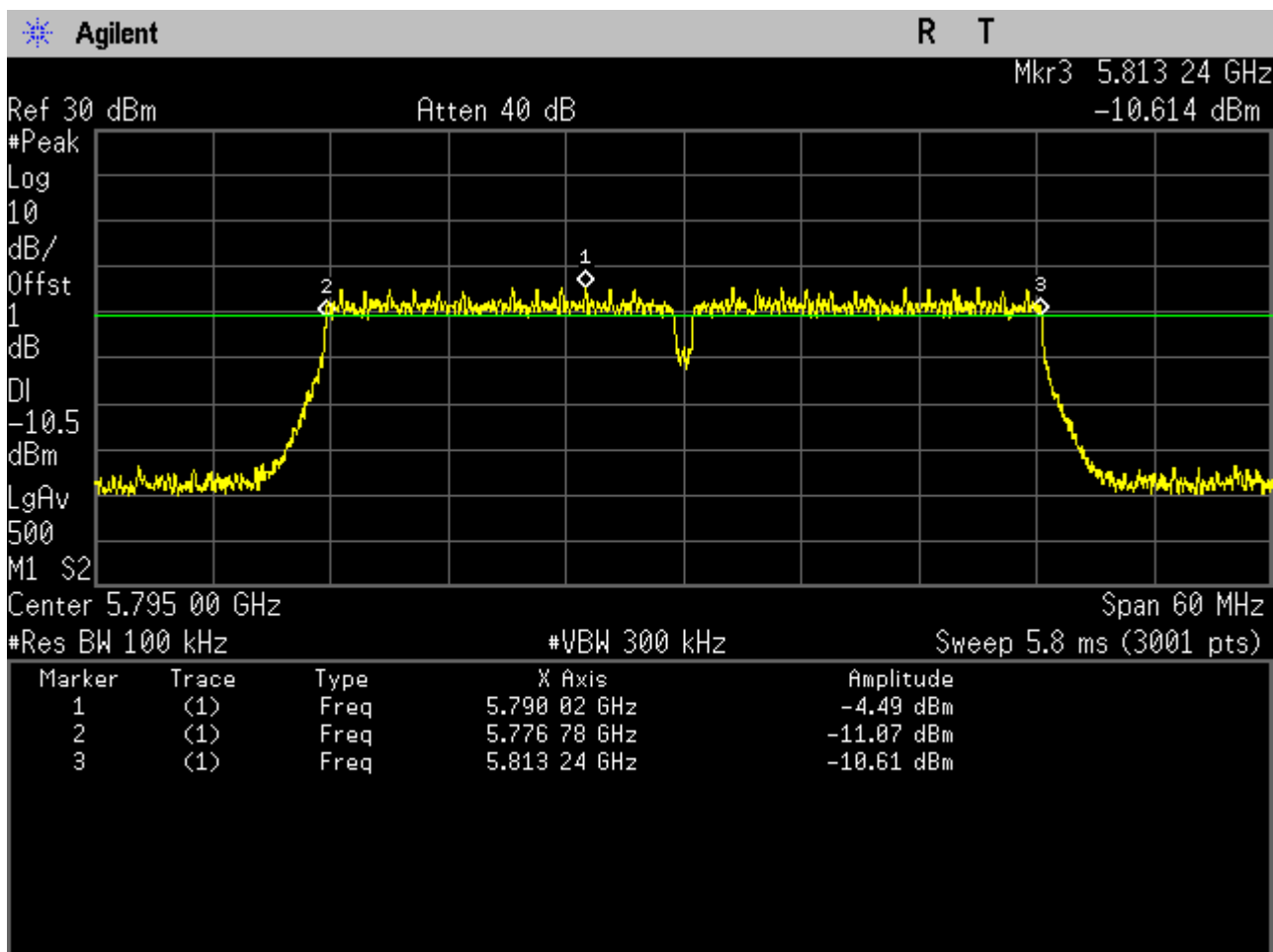
2.24 11N40_159 Ant 2



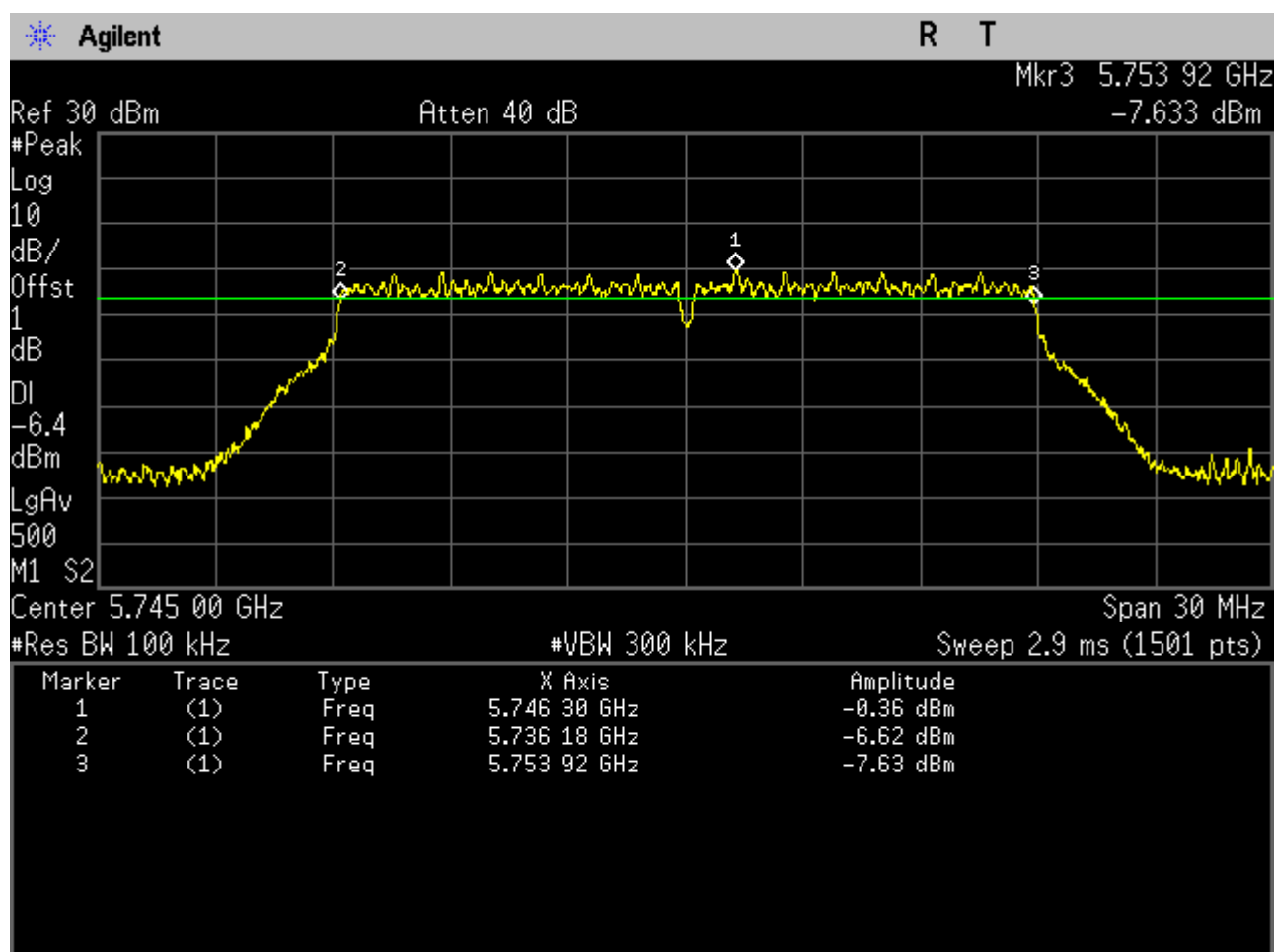
2.25 11N40M_159 Ant 1



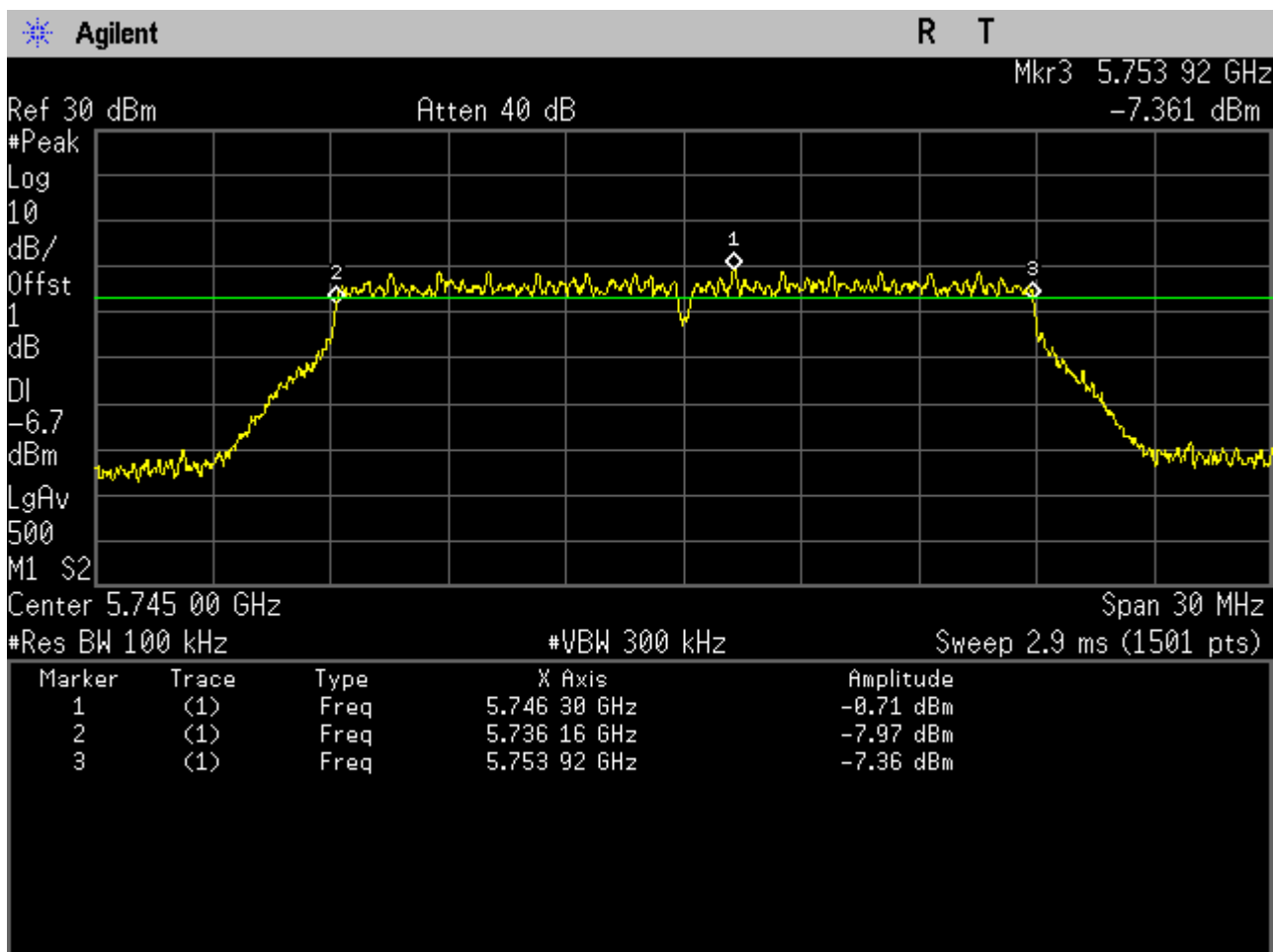
2.26 11N40M_159 Ant 2



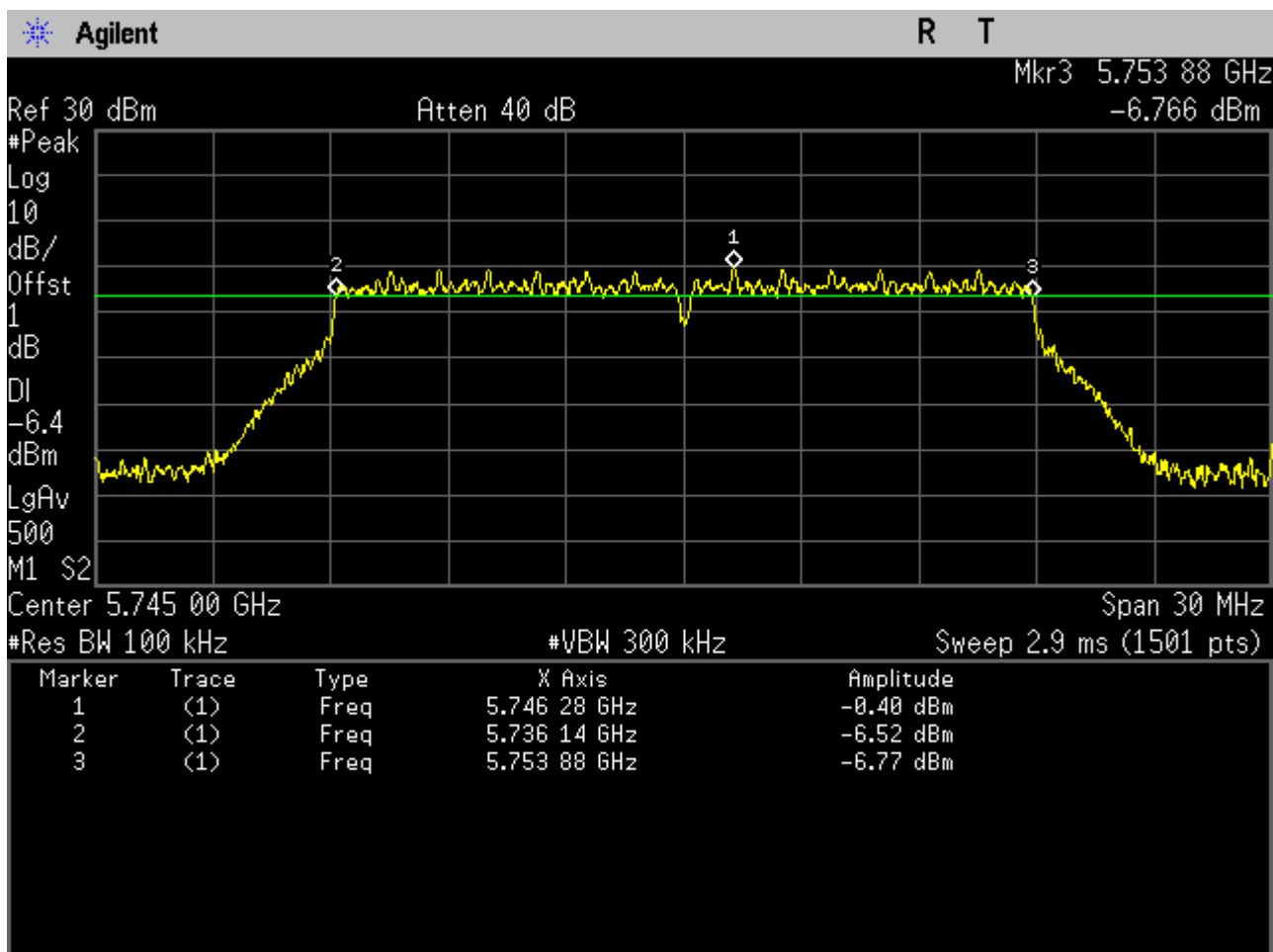
2.27 11AC20_149 Ant 1



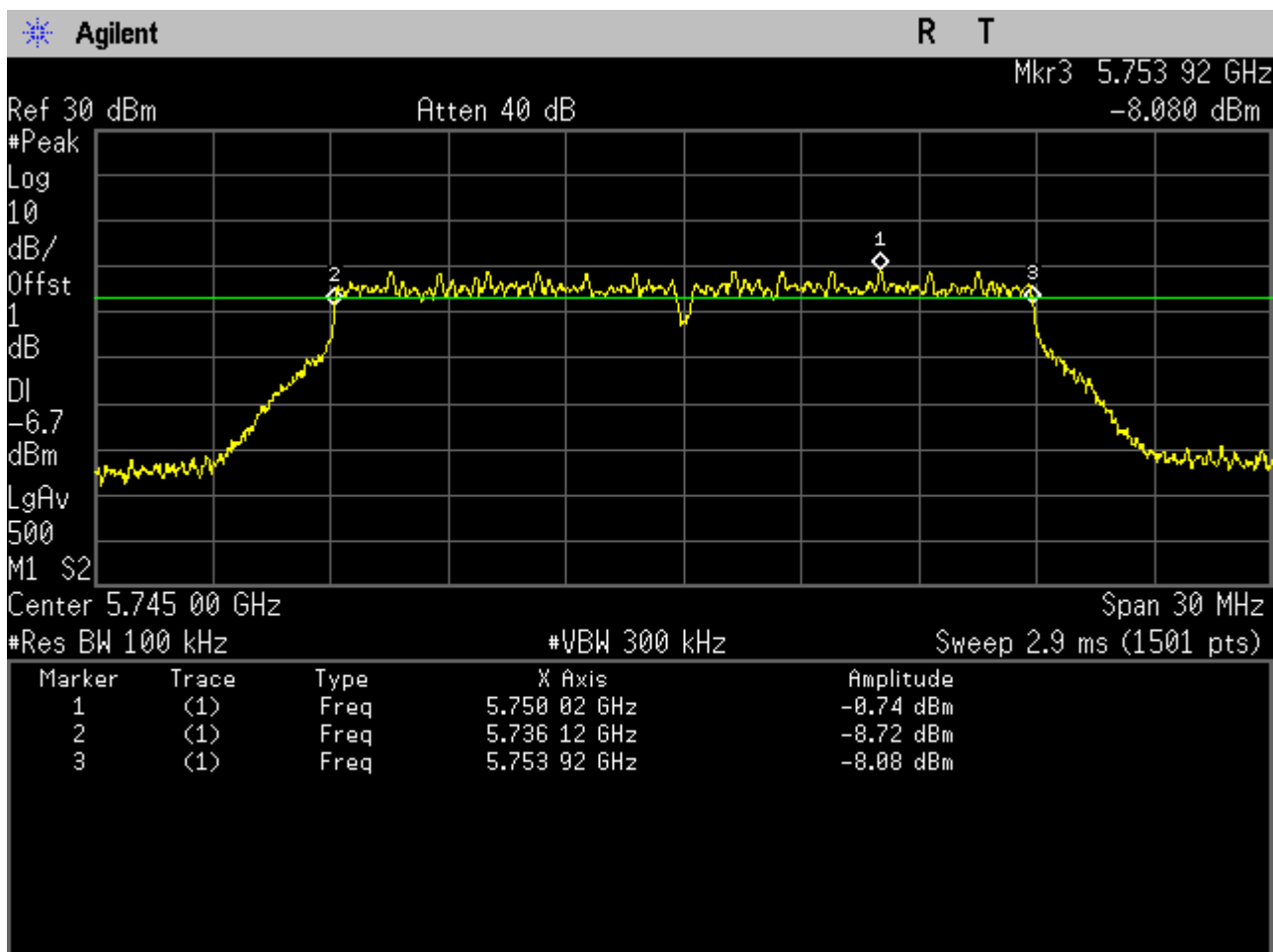
2.28 11AC20_149 Ant 2



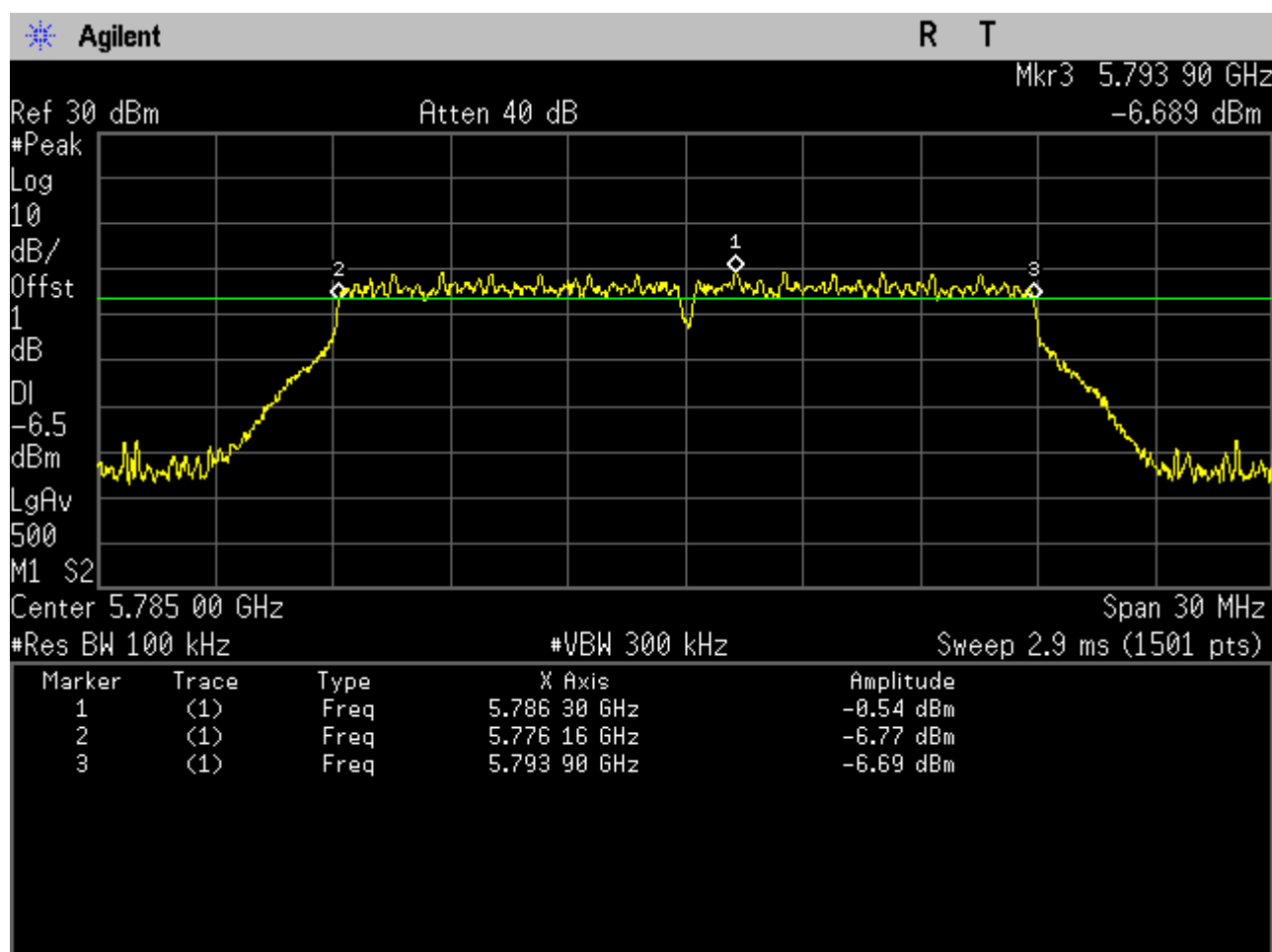
2.29 11AC20M_149 Ant 1



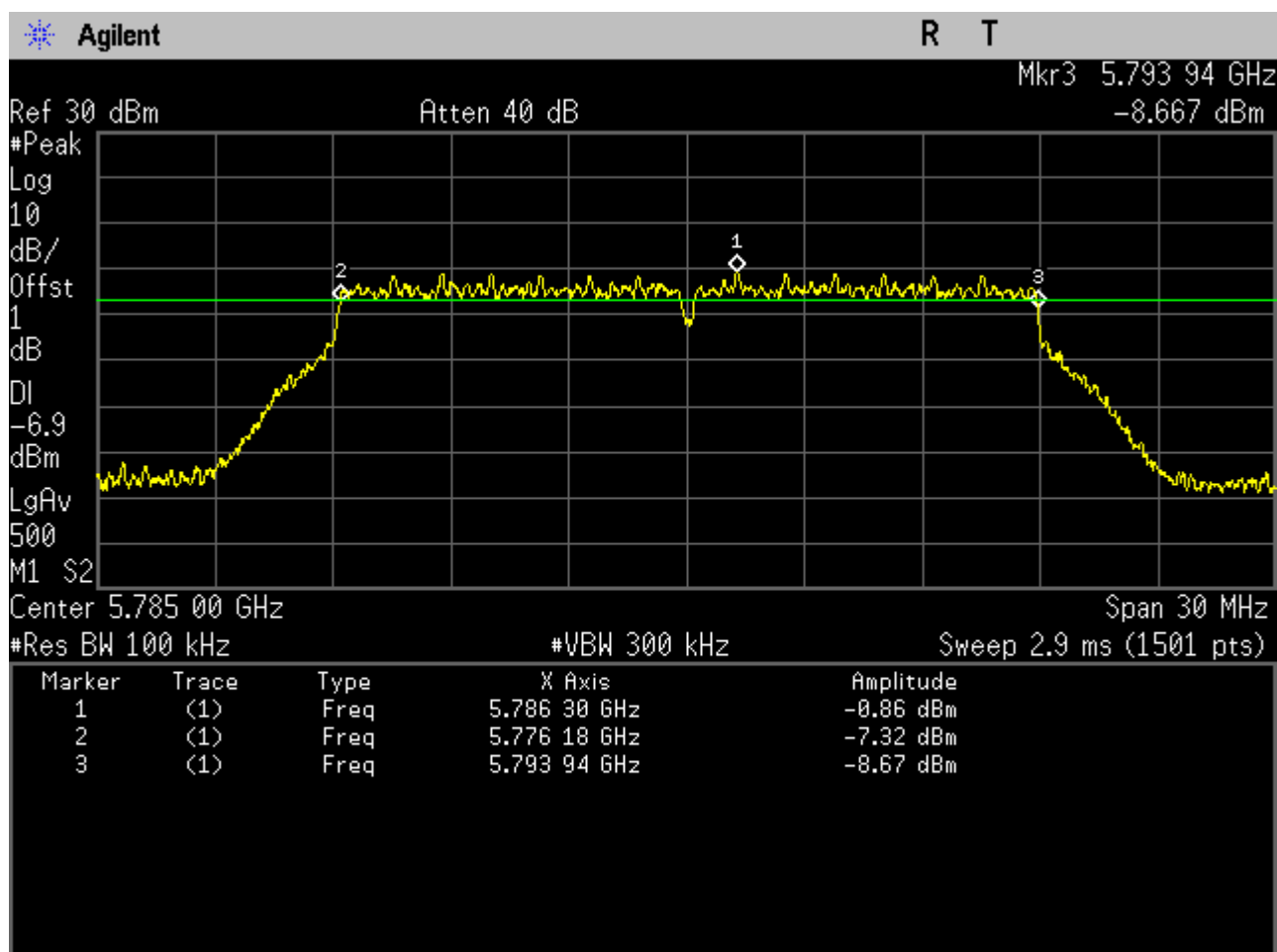
2.30 11AC20M_149 Ant 2



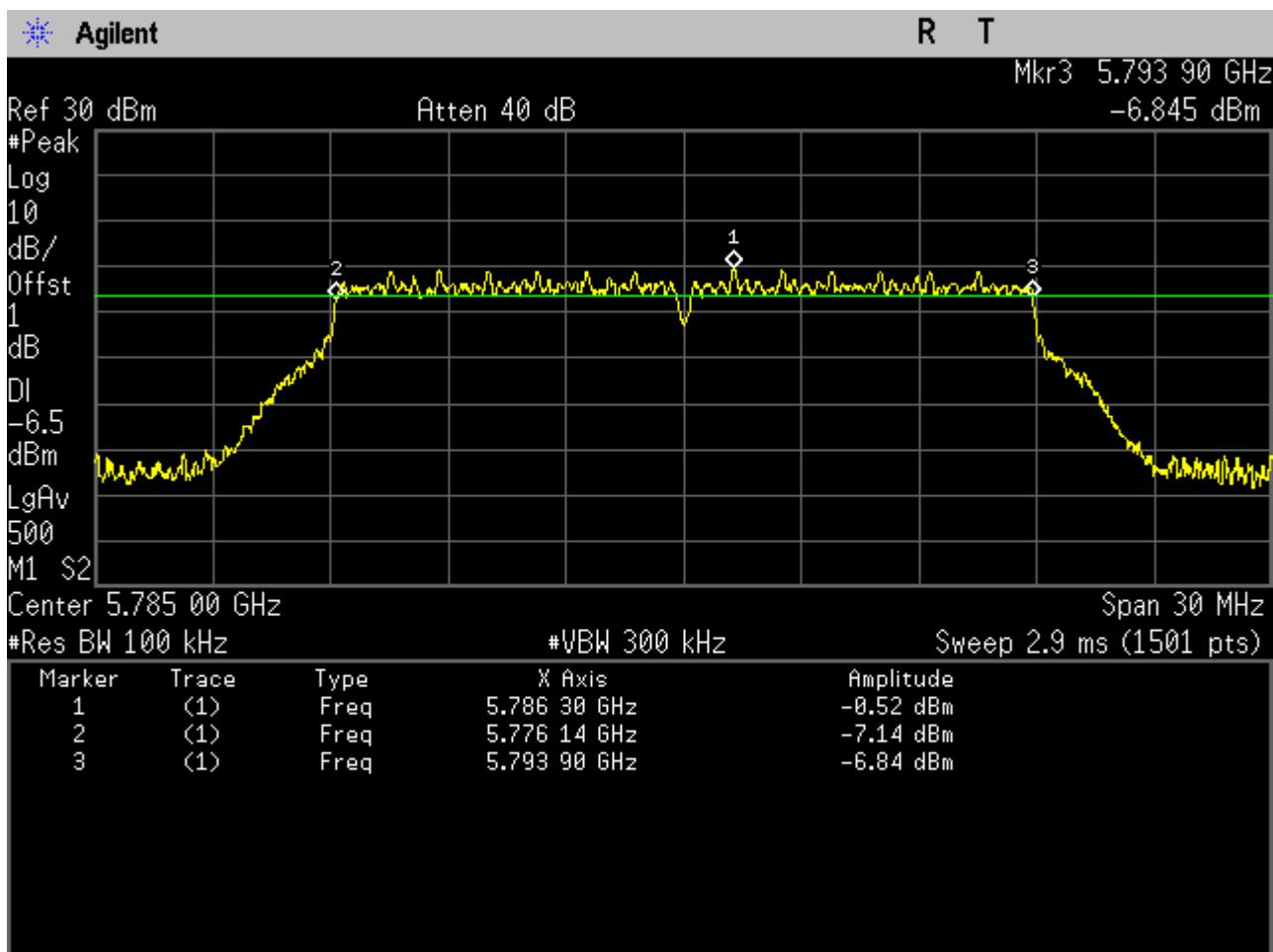
2.31 11AC20_157 Ant 1



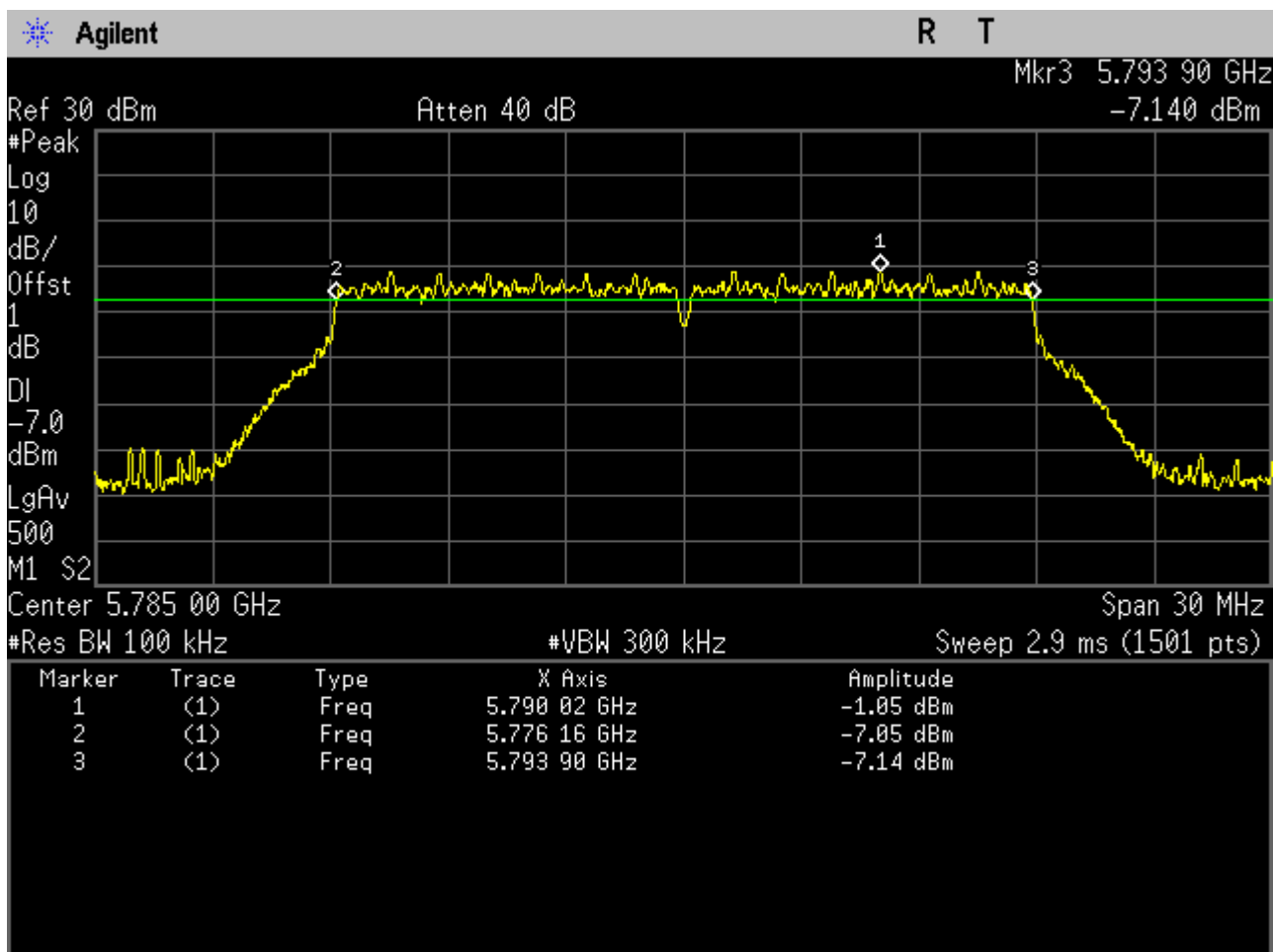
2.32 11AC20_157 Ant 2



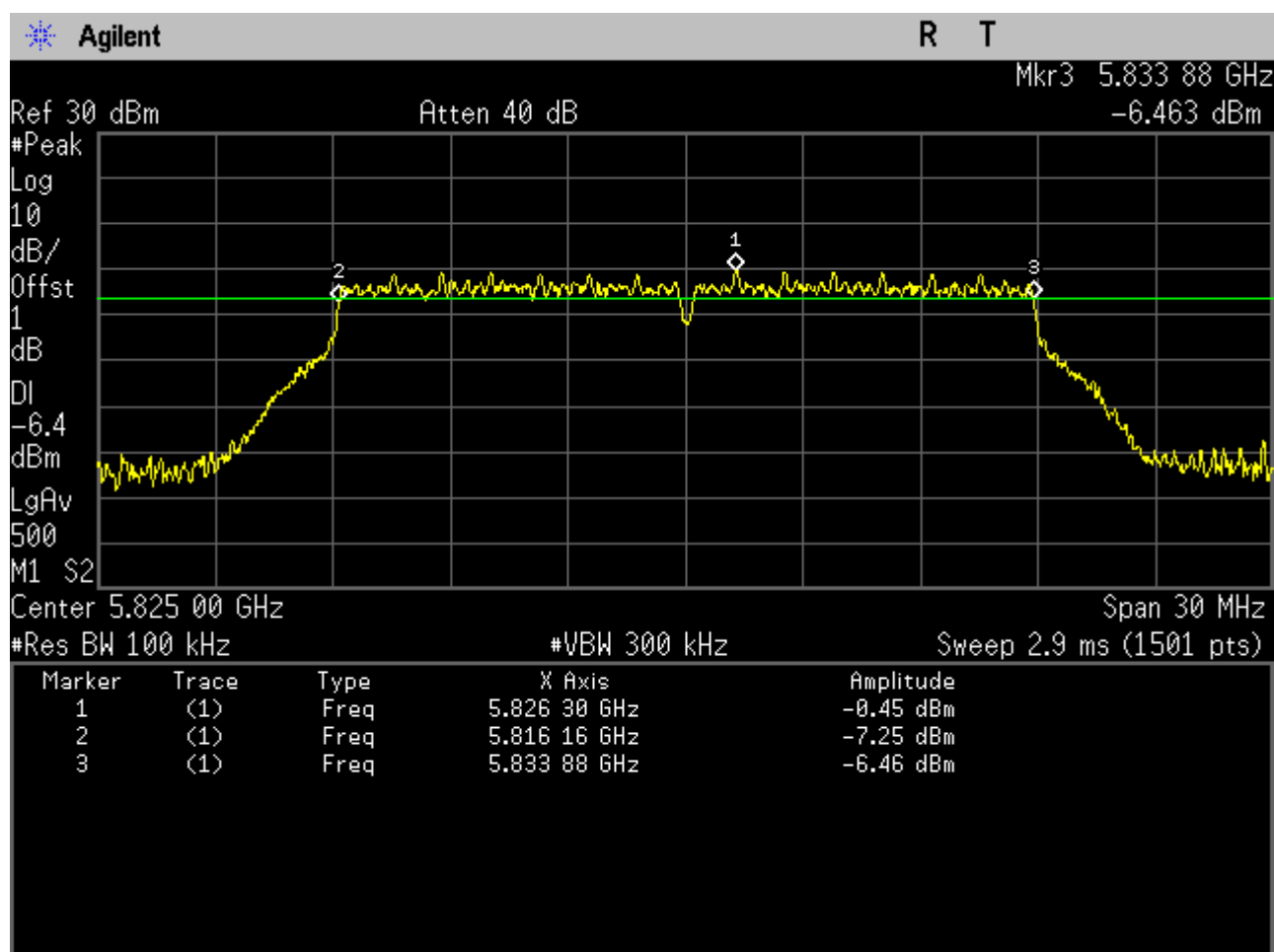
2.33 11AC20M_157 Ant 1



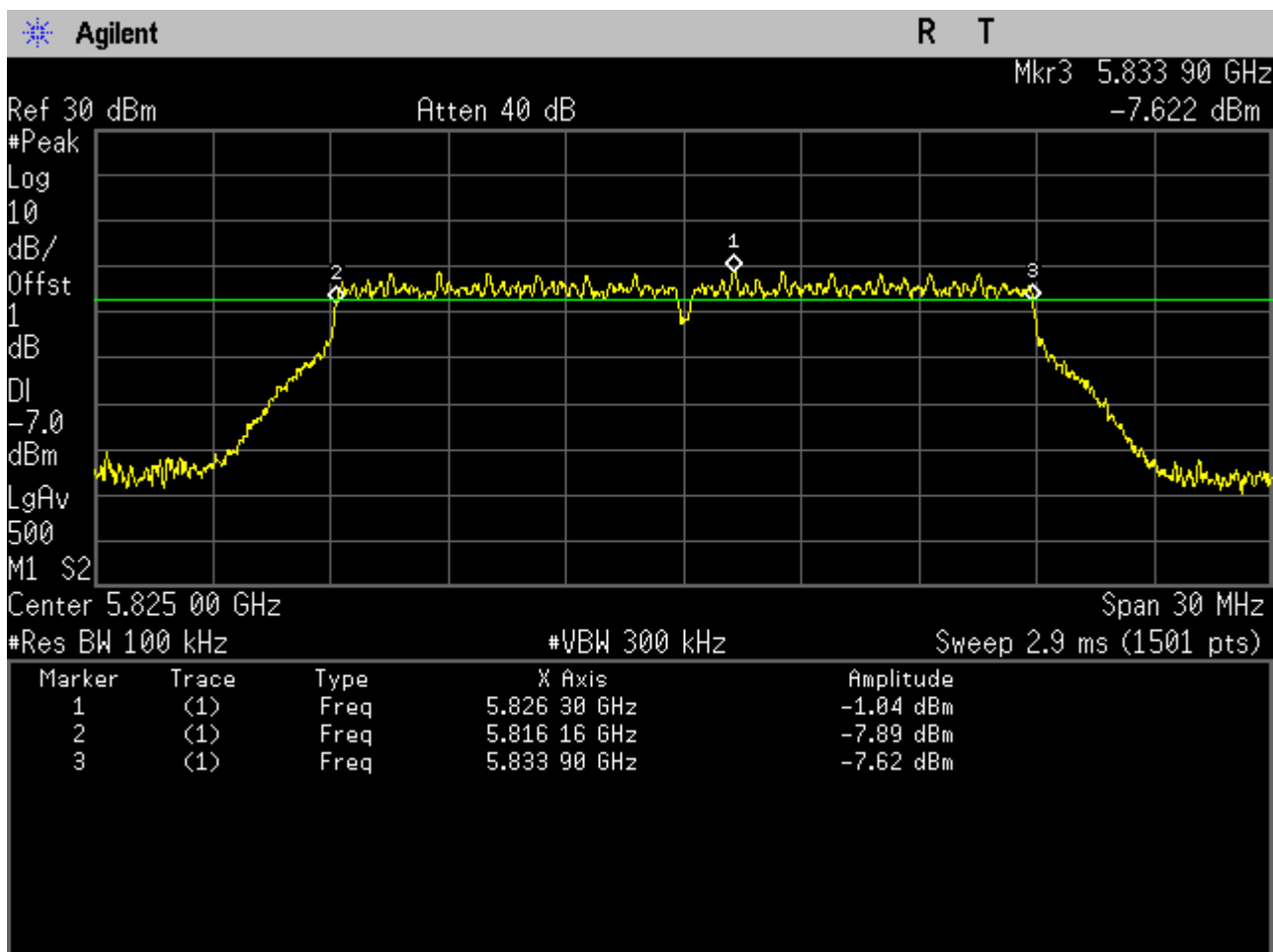
2.34 11AC20M_157 Ant 2



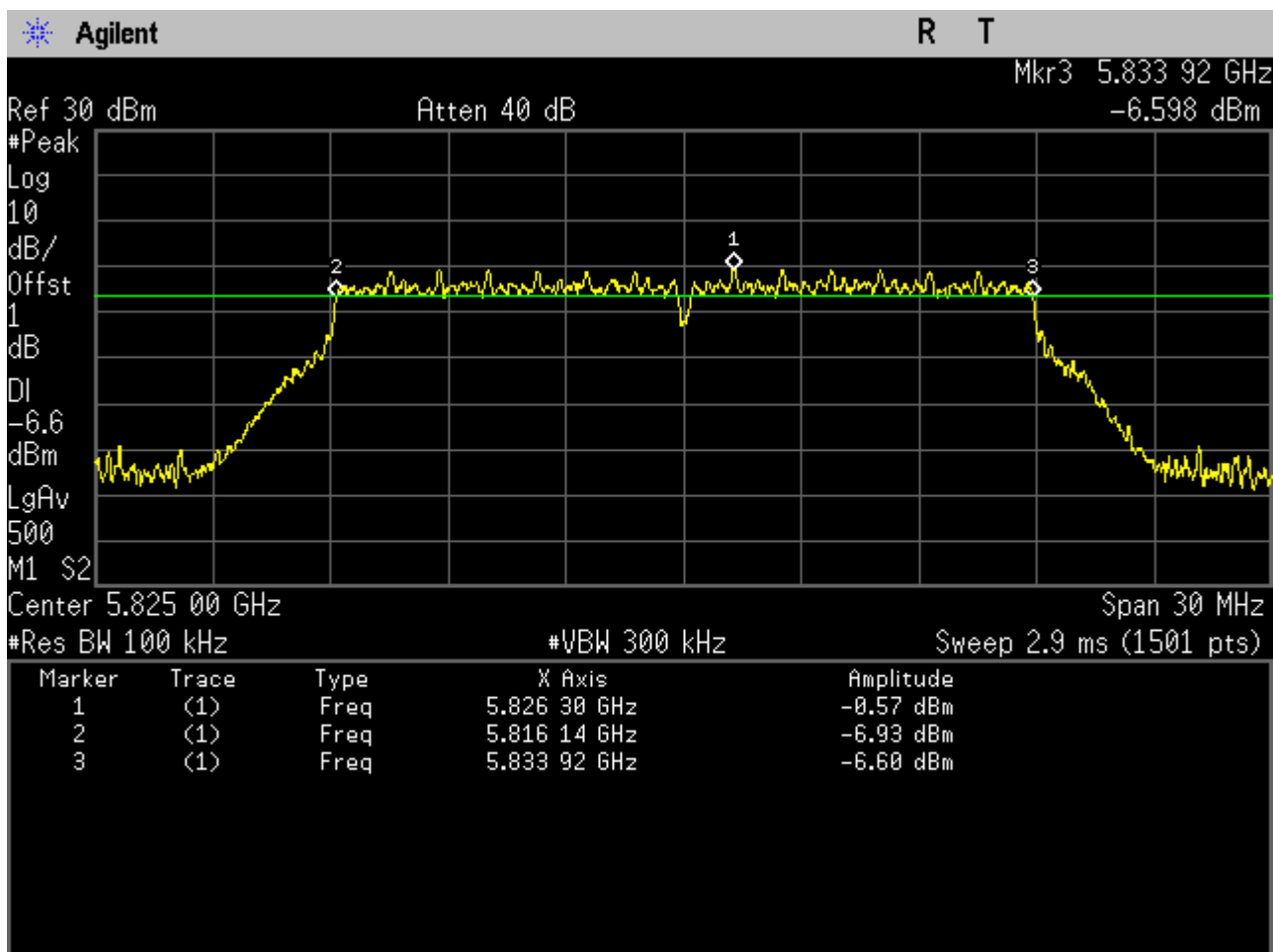
2.3511AC20_165 Ant 1



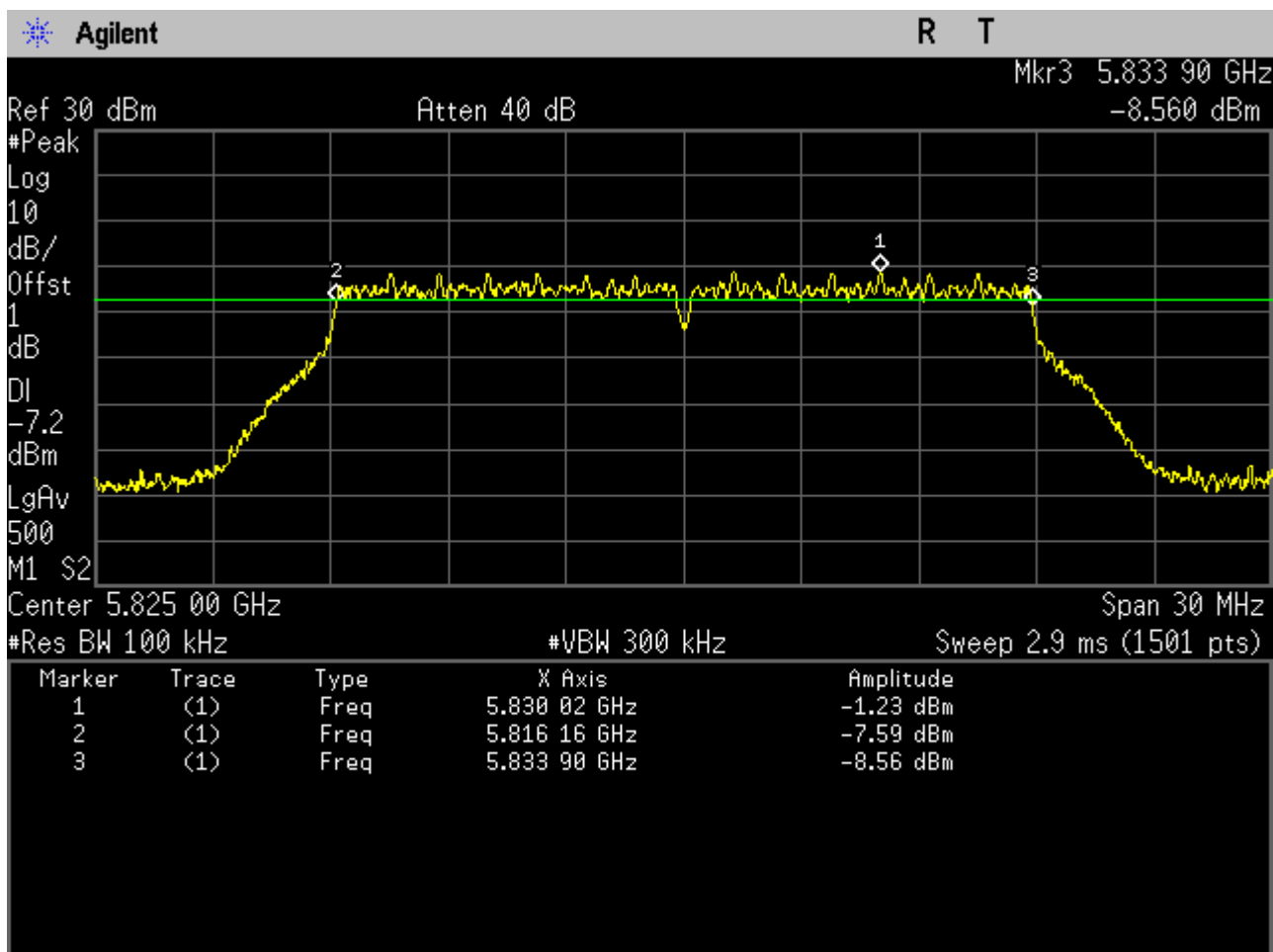
2.3611AC20_165 Ant 2



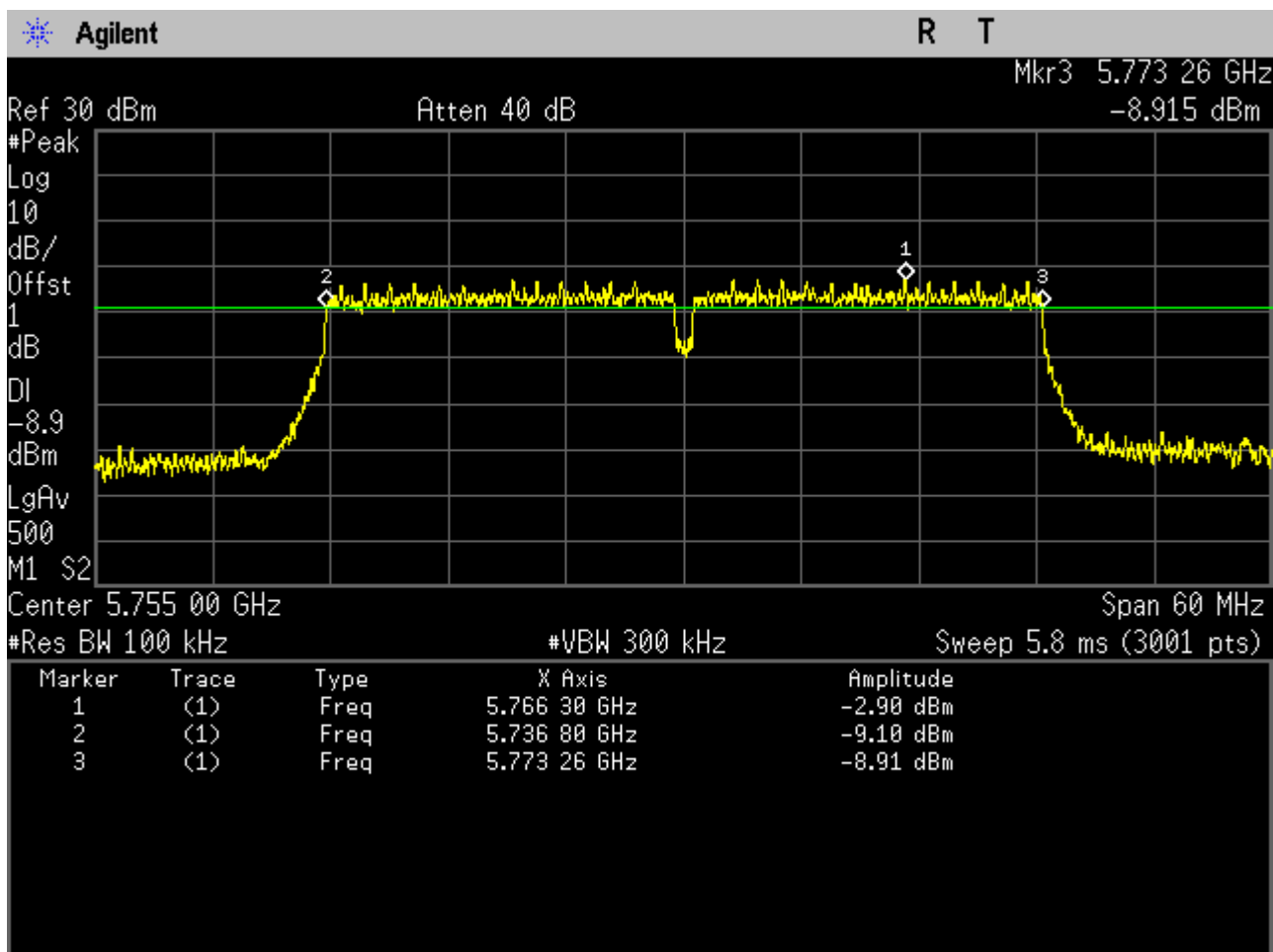
2.3711AC20M_165 Ant 1



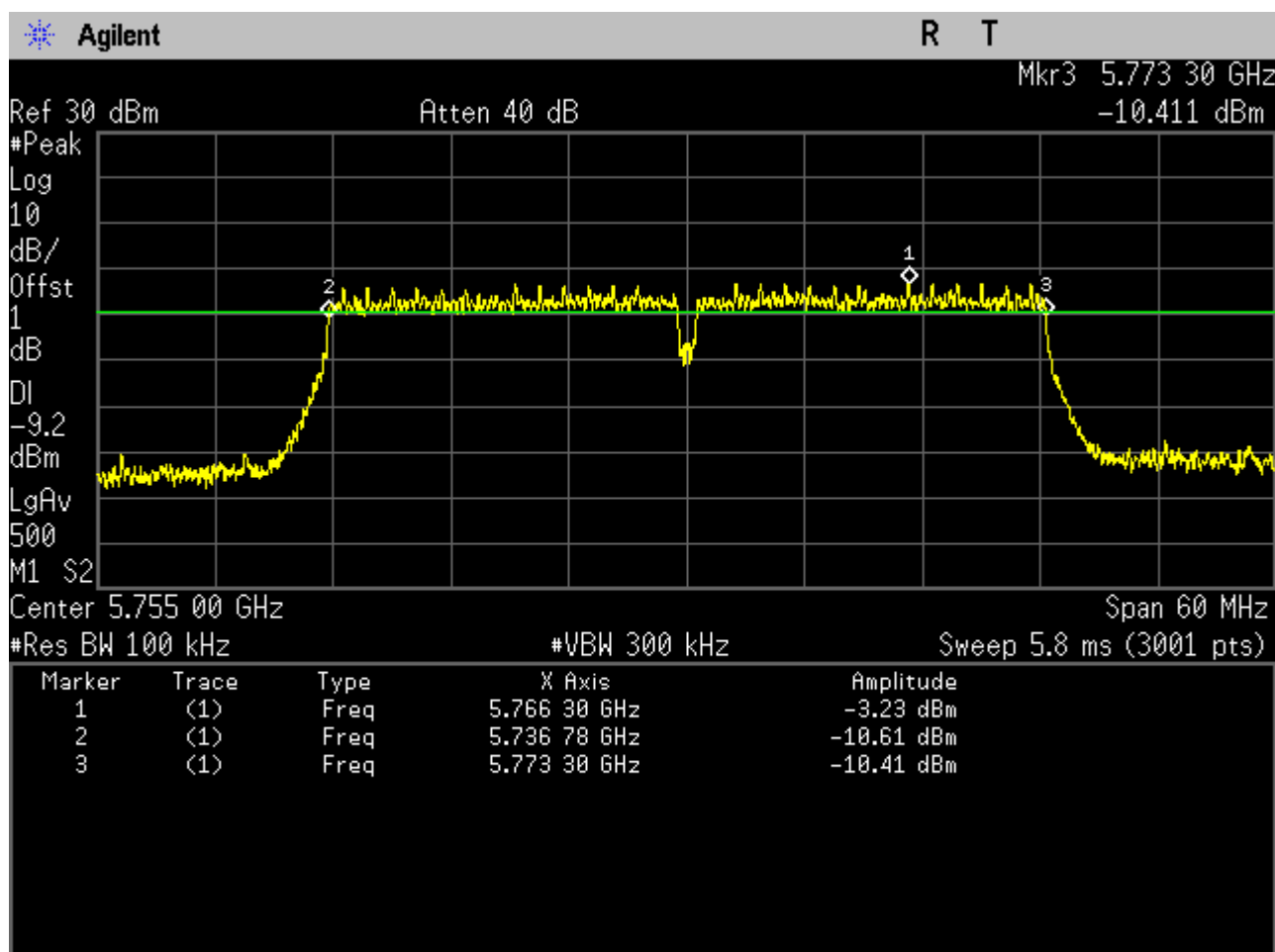
2.3811AC20M_165 Ant 2



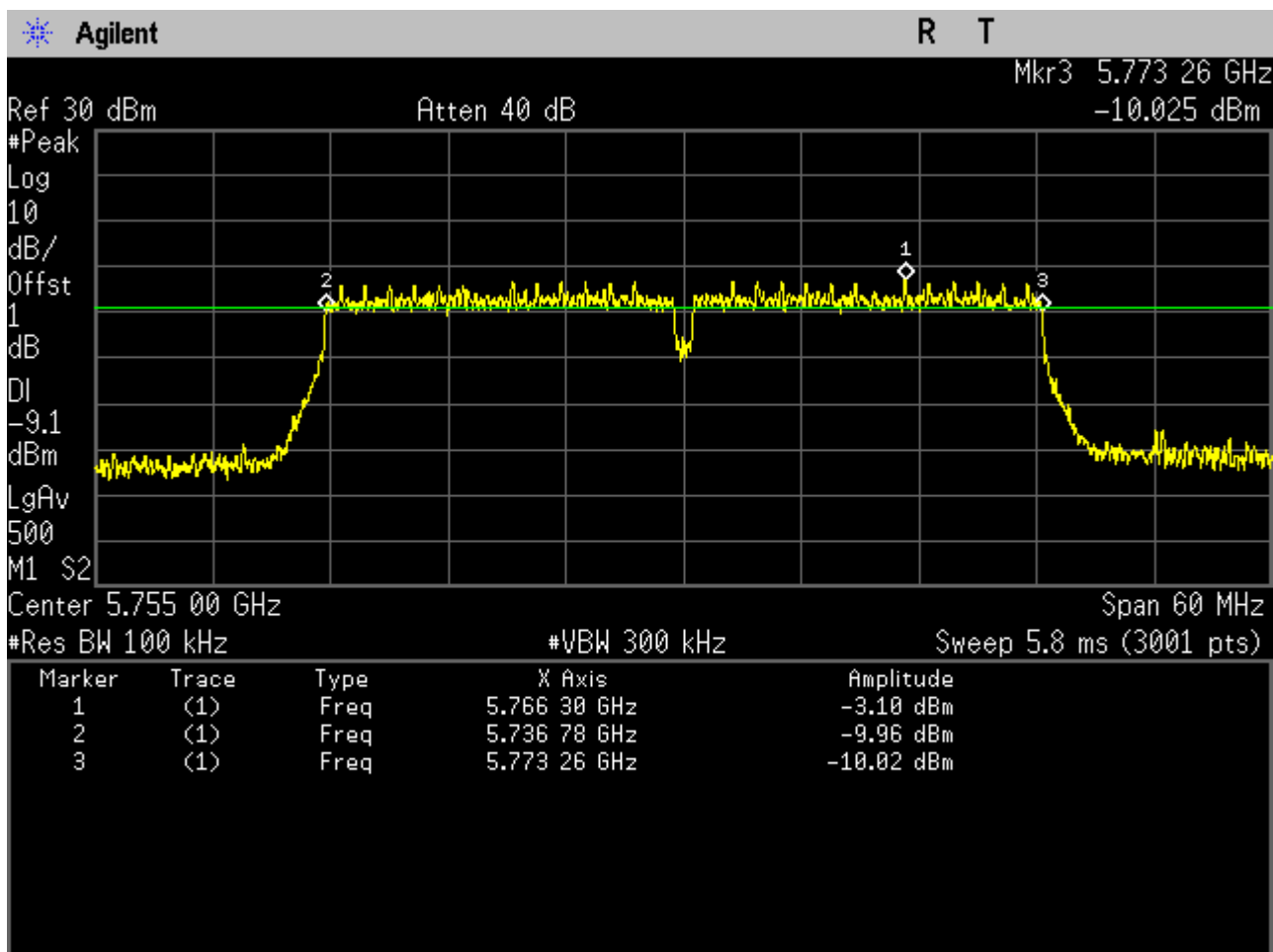
2.3911AC40_151 Ant 1



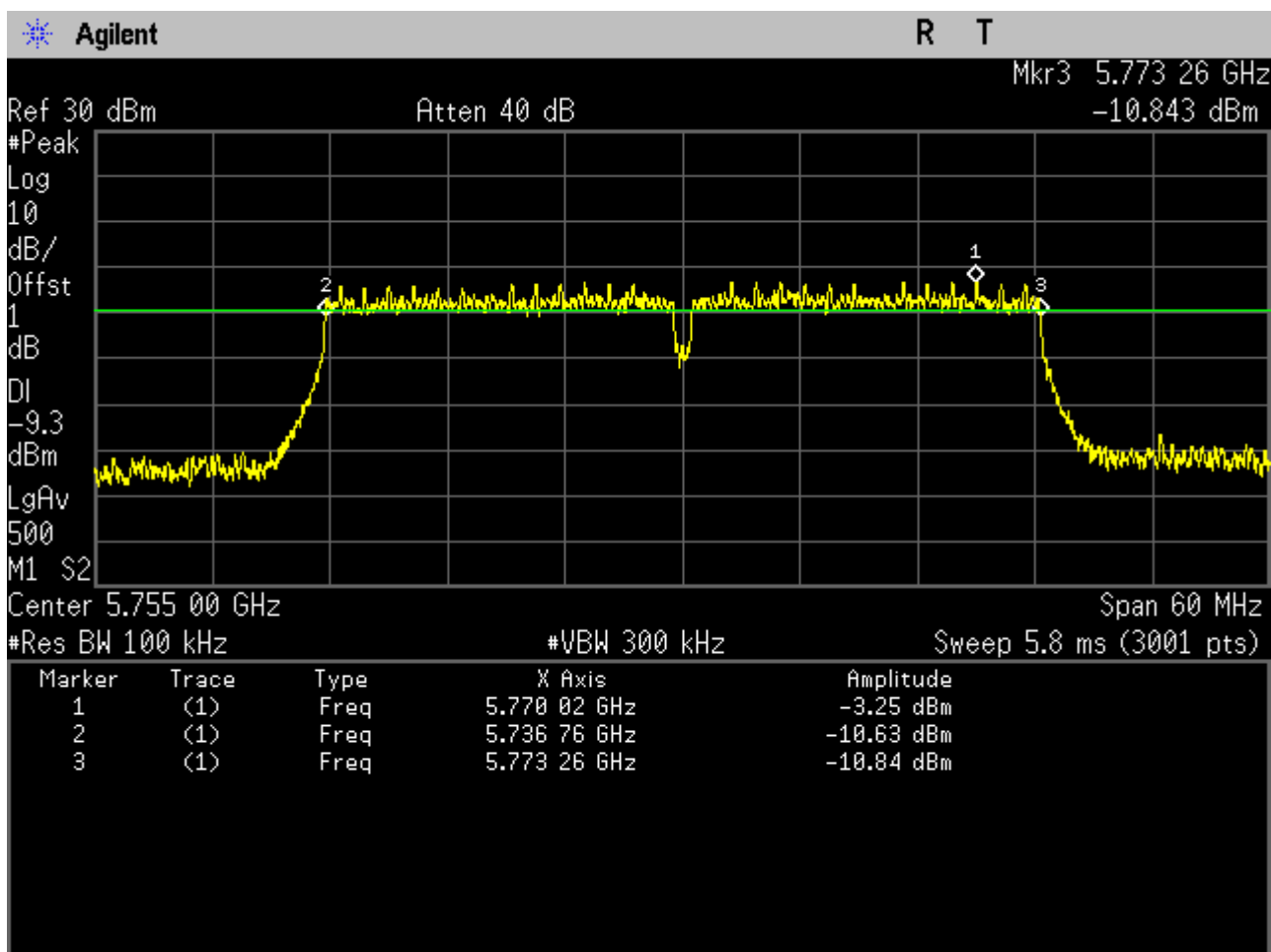
2.4011AC40_151 Ant 2



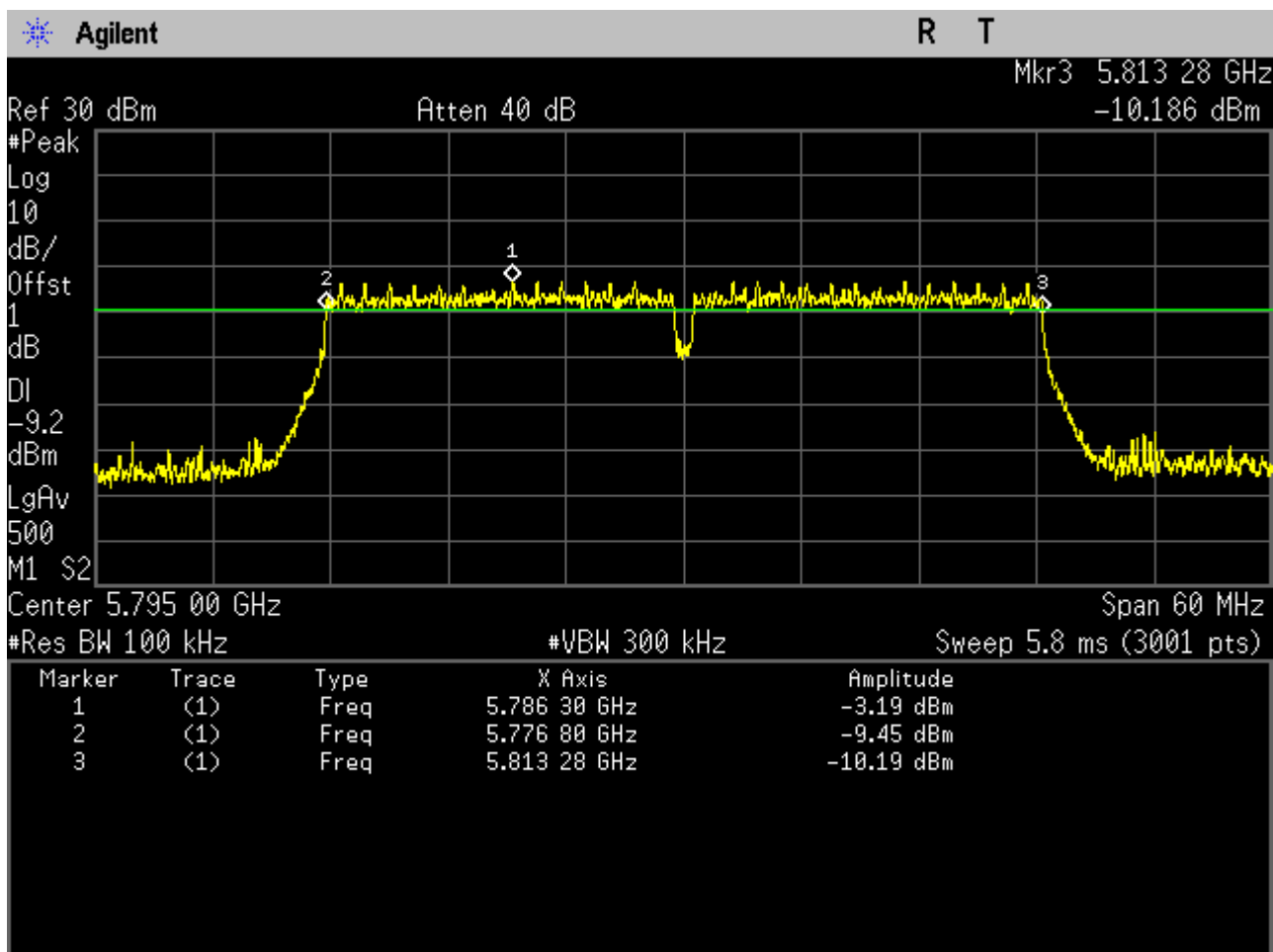
2.4111AC40M_151 Ant 1



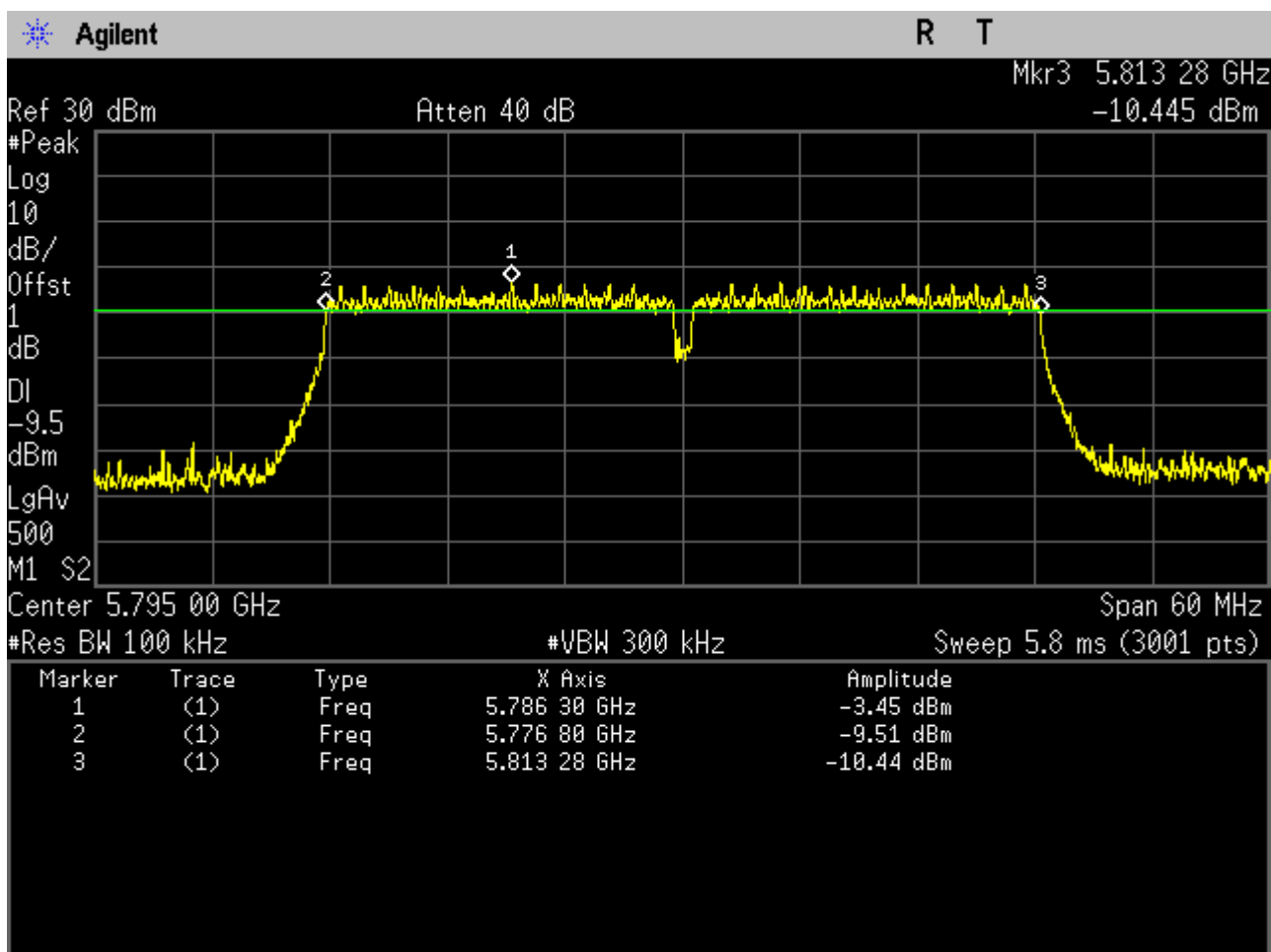
2.4211AC40M_151 Ant 2



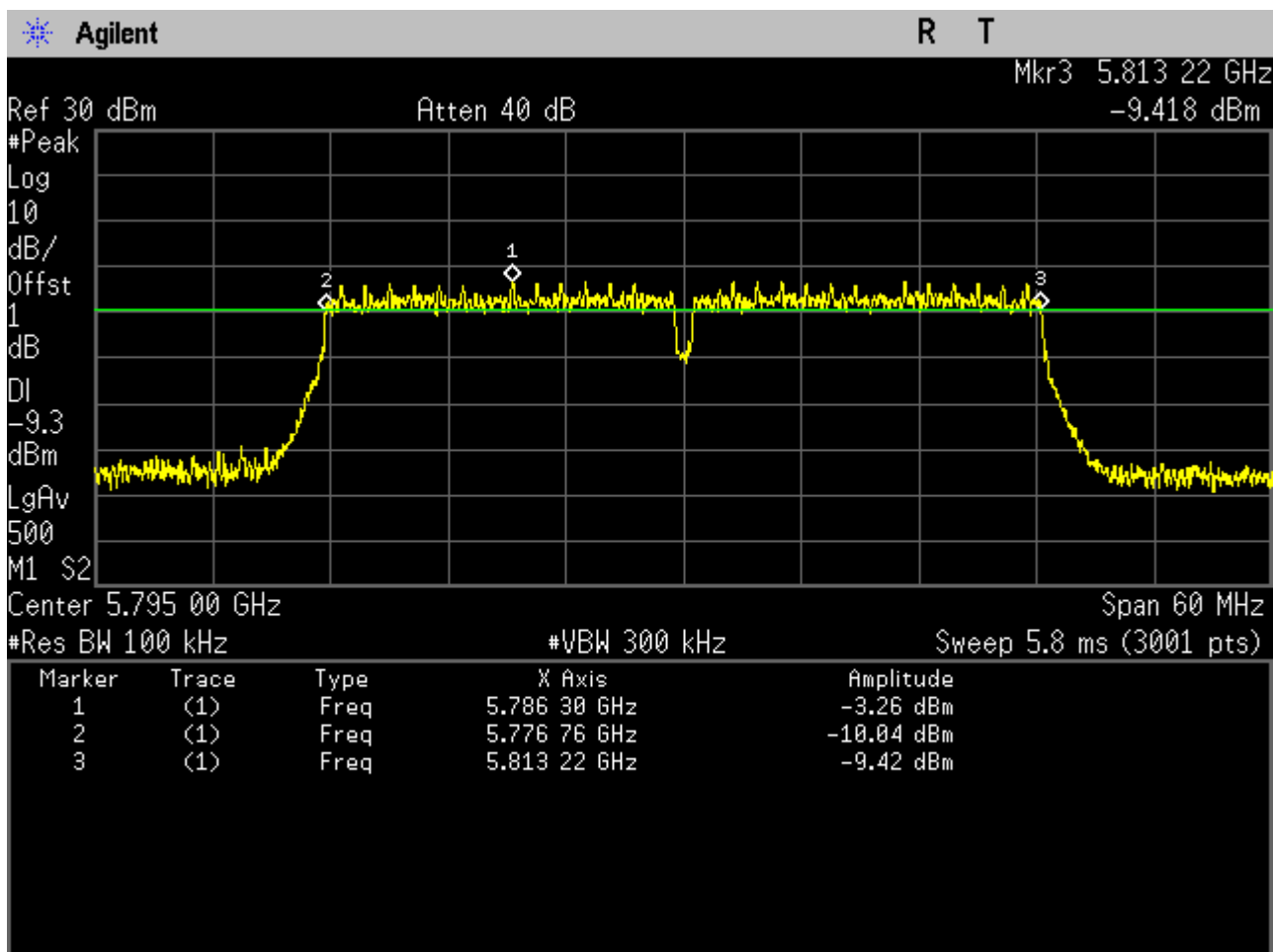
2.4311AC40_159 Ant 1



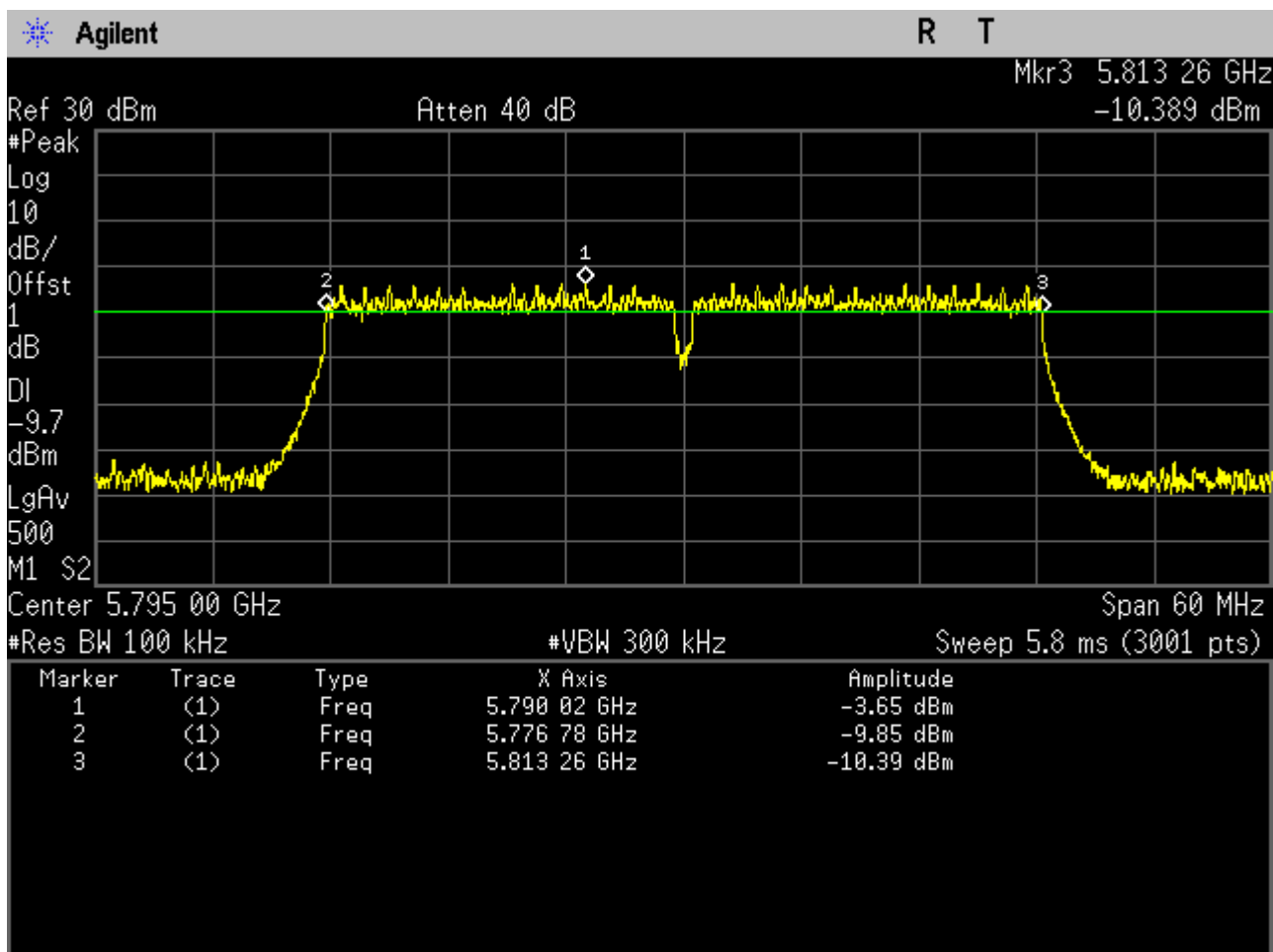
2.4411AC40_159 Ant 2



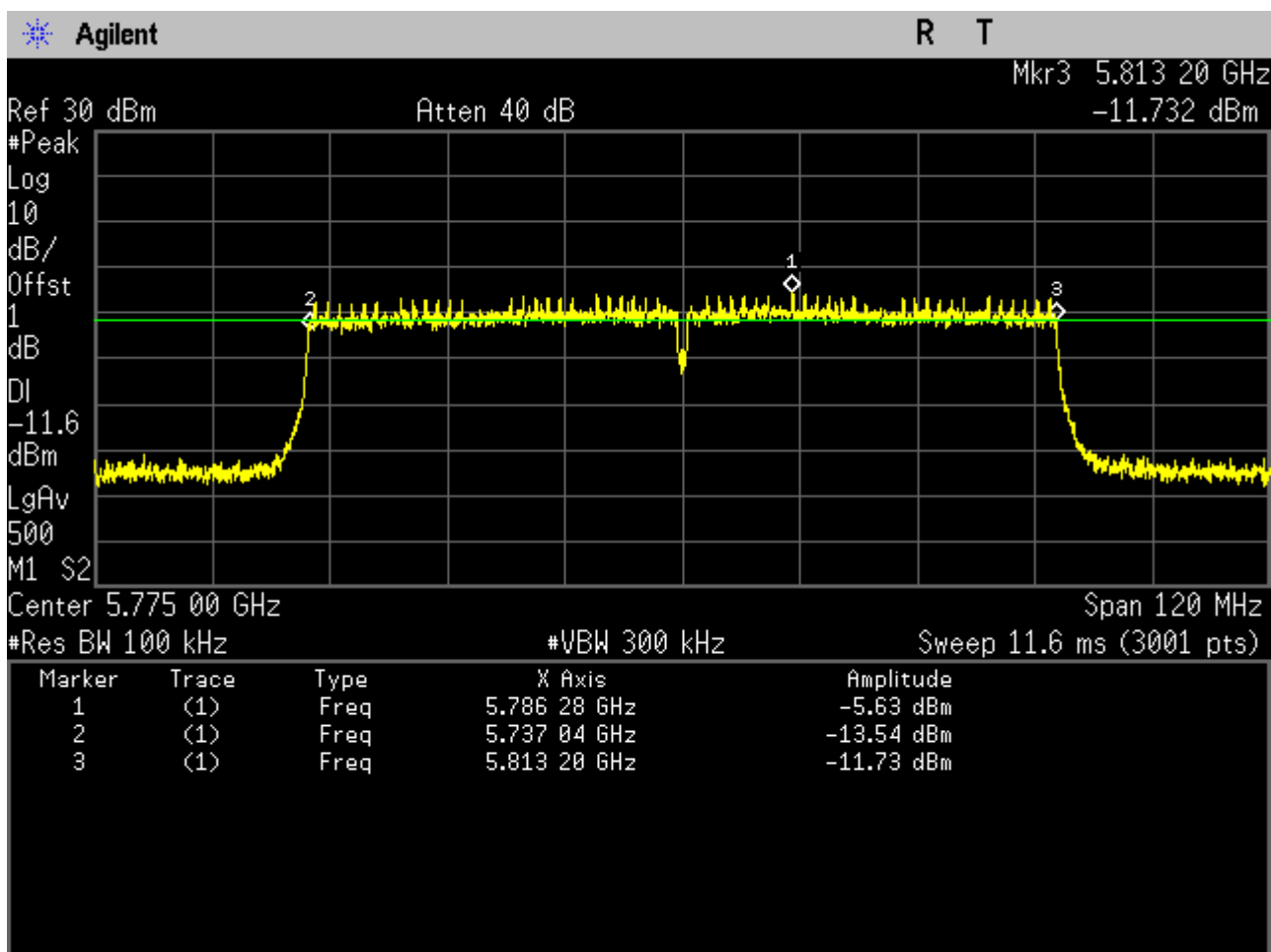
2.4511AC40M_159 Ant 1



2.4611AC40M_159 Ant 2

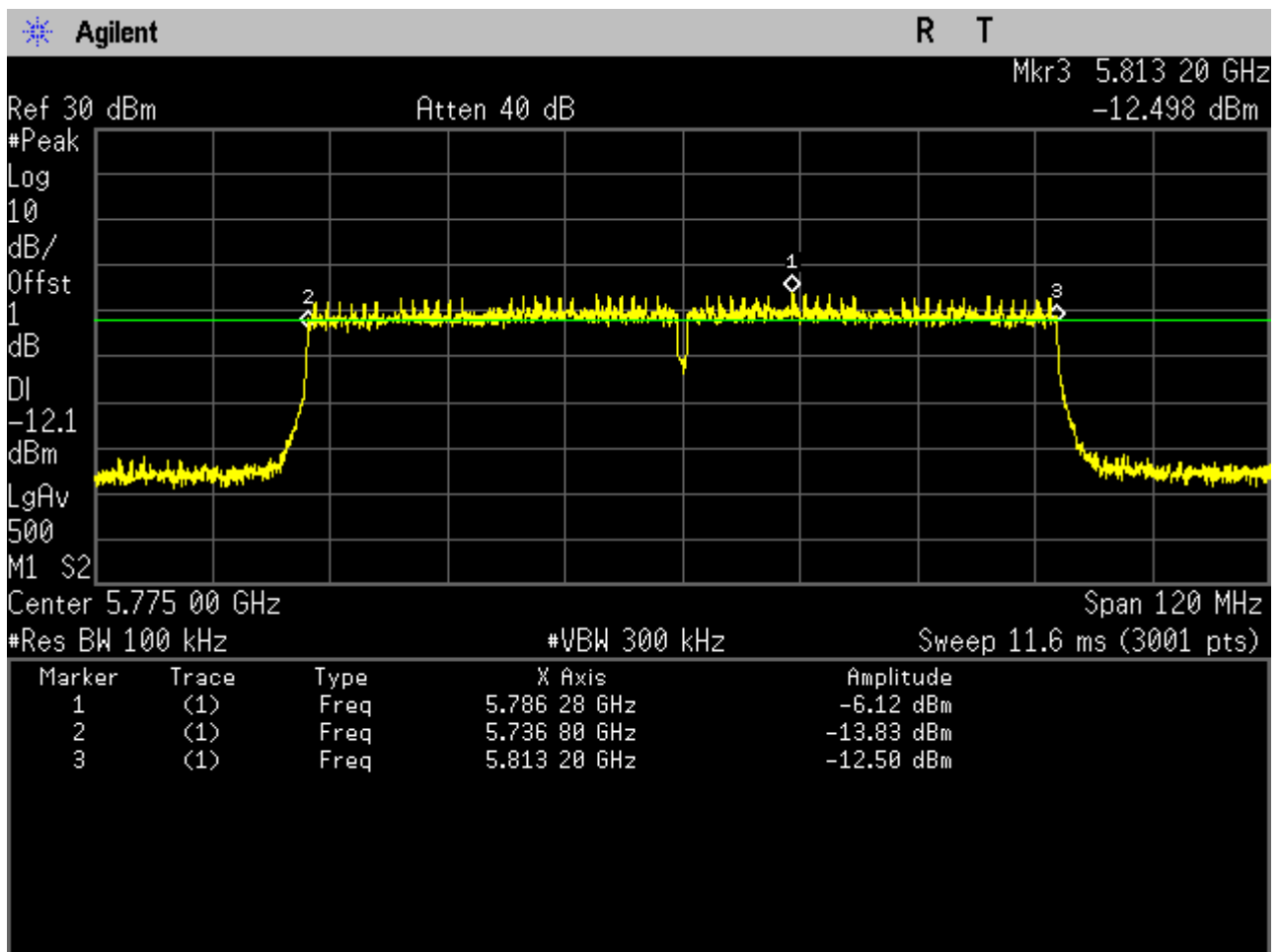


2.4711AC80_155 Ant 1

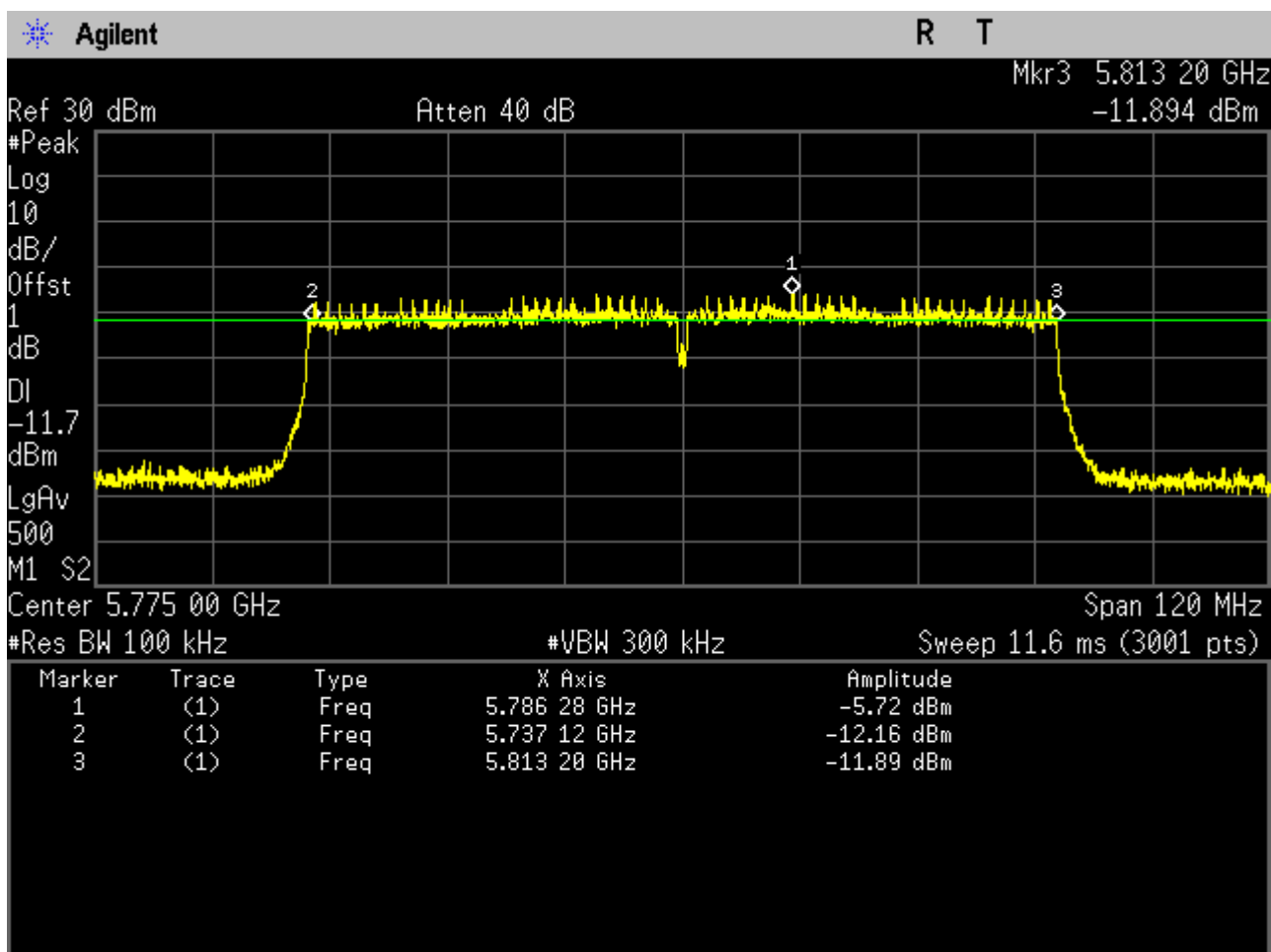




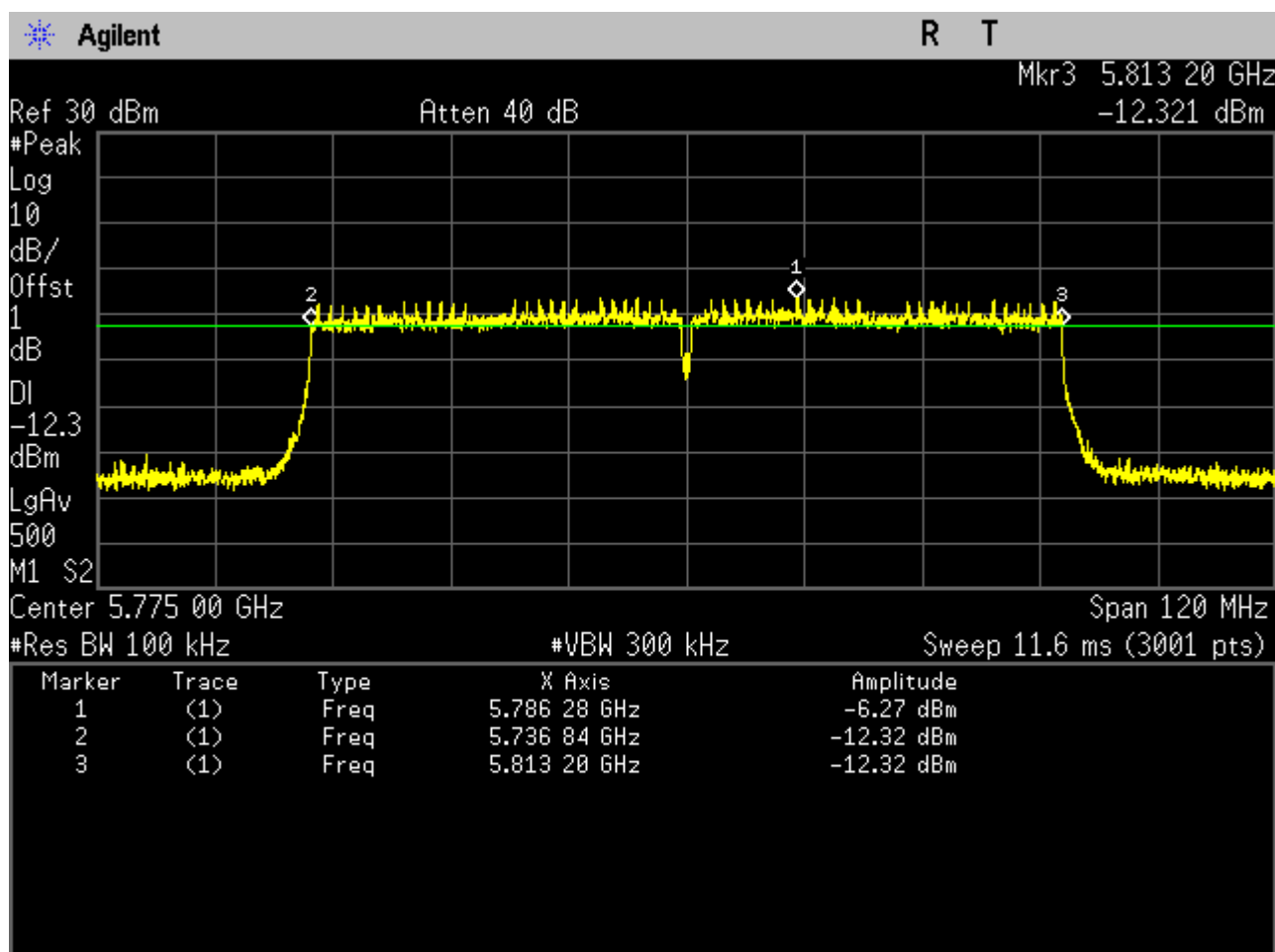
2.4811AC80_155 Ant 2



2.4911AC80M_155 Ant 1



2.5011AC80M_155 Ant 2



Appendix B: Maximum Peak Conducted Output Power

In this Appendix, the “Pmax” refers to the measured “Maximum Peak Conducted Output Power” value. The “fc(DTS6dBBW)” and “DTS6dBBW” in “DTS (6 dB) Bandwidth” are used to determine the integrated band power.

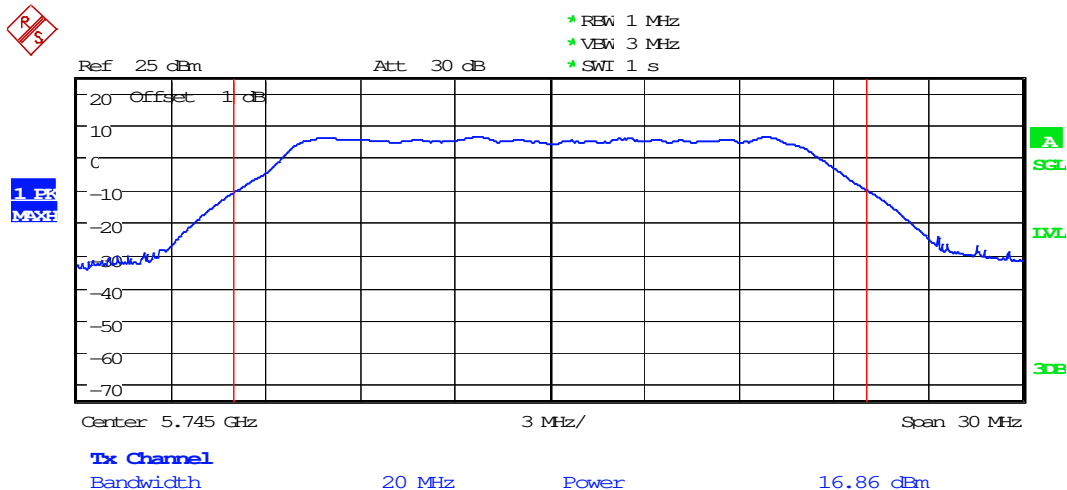
1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Meas. Level (Cond.) [dBm]	Verdict
11A	149	5745	Ant 1	16.86	pass
11A	149	5745	Ant 2	16.85	pass
11A	157	5785	Ant 1	16.17	pass
11A	157	5785	Ant 2	17.11	pass
11A	165	5825	Ant 1	17.24	pass
11A	165	5825	Ant 2	16.78	pass
11N20	149	5745	Ant 1	17.38	pass
11N20	149	5745	Ant 2	17.53	pass
11N20M	149	5745	Ant 1	17.06	pass
11N20M	149	5745	Ant 2	17.32	pass
11N20M	149	5745	Sum	20.2	pass
11N20	157	5785	Ant 1	17.54	pass
11N20	157	5785	Ant 2	17.38	pass
11N20M	157	5785	Ant 1	17.43	pass
11N20M	157	5785	Ant 2	17.59	pass
11N20M	157	5785	Sum	20.52	pass
11N20	165	5825	Ant 1	17.66	pass
11N20	165	5825	Ant 2	17.38	pass
11N20M	165	5825	Ant 1	17.35	pass
11N20M	165	5825	Ant 2	17.46	pass
11N20M	165	5825	Sum	20.42	pass
11N40	151	5755	Ant 1	17.66	pass
11N40	151	5755	Ant 2	17.86	pass
11N40M	151	5755	Ant 1	17.48	pass
11N40M	151	5755	Ant 2	17.63	pass
11N40M	151	5755	Sum	20.57	pass

11N40	159	5795	Ant 1	17.98	pass
11N40	159	5795	Ant 2	17.85	pass
11N40M	159	5795	Ant 1	17.94	pass
11N40M	159	5795	Ant 2	17.82	pass
11N40M	159	5795	Sum	20.89	pass
11AC20	149	5745	Ant 1	18.18	pass
11AC20	149	5745	Ant 2	18.11	pass
11AC20M	149	5745	Ant 1	18.07	pass
11AC20M	149	5745	Ant 2	18.10	pass
11AC20M	149	5745	Sum	21.10	pass
11AC20	157	5785	Ant 1	18.54	pass
11AC20	157	5785	Ant 2	18.49	pass
11AC20M	157	5785	Ant 1	18.36	pass
11AC20M	157	5785	Ant 2	18.15	pass
11AC20M	157	5785	Sum	21.27	pass
11AC20	165	5825	Ant 1	18.62	pass
11AC20	165	5825	Ant 2	18.23	pass
11AC20M	165	5825	Ant 1	18.36	pass
11AC20M	165	5825	Ant 2	18.14	pass
11AC20M	165	5825	Sum	21.26	pass
11AC40	151	5755	Ant 1	18.63	pass
11AC40	151	5755	Ant 2	18.66	pass
11AC40M	151	5755	Ant 1	18.37	pass
11AC40M	151	5755	Ant 2	18.31	pass
11AC40M	151	5755	Sum	21.35	pass
11AC40	159	5795	Ant 1	19.13	pass
11AC40	159	5795	Ant 2	18.69	pass
11AC40M	159	5795	Ant 1	18.55	pass
11AC40M	159	5795	Ant 2	18.37	pass
11AC40M	159	5795	Sum	21.47	pass
11AC80	155	5775	Ant 1	18.45	pass
11AC80	155	5775	Ant 2	18.3	pass
11AC80M	155	5775	Ant 1	18.05	pass
11AC80M	155	5775	Ant 2	17.85	pass
11AC80M	155	5775	Sum	20.96	pass

2 Test Plot

2.1 11A_149 Ant 1



Date: 20.JUN.2014 05:11:25

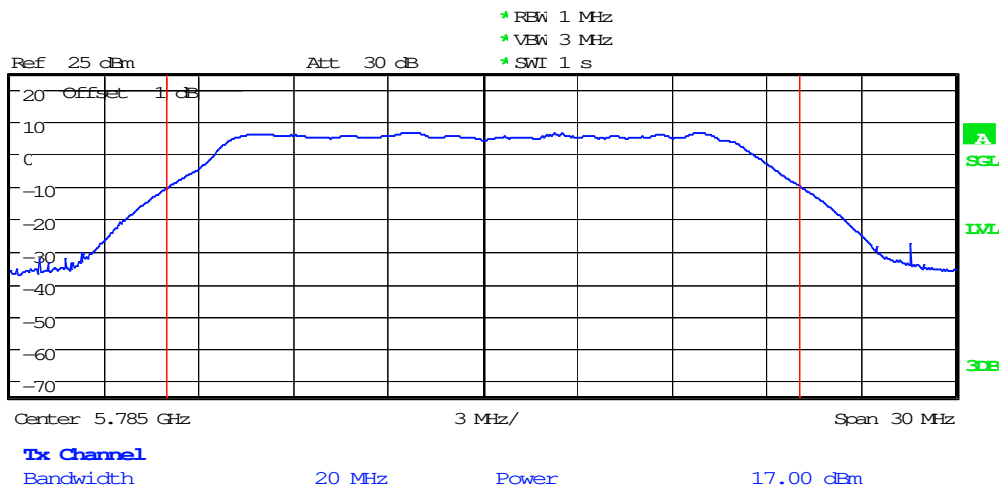


Date: 20.JUN.2014 05:13:24

2.3

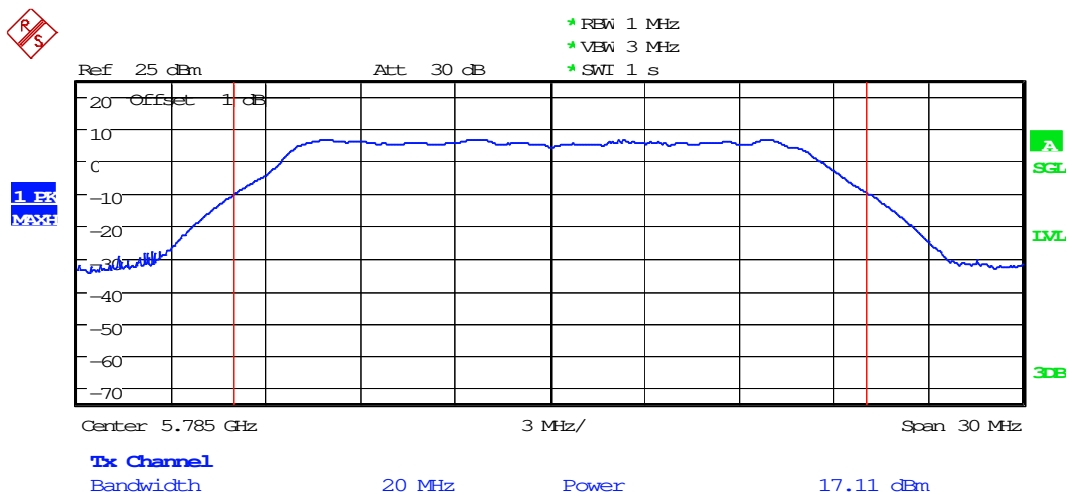


1. EK
MAX



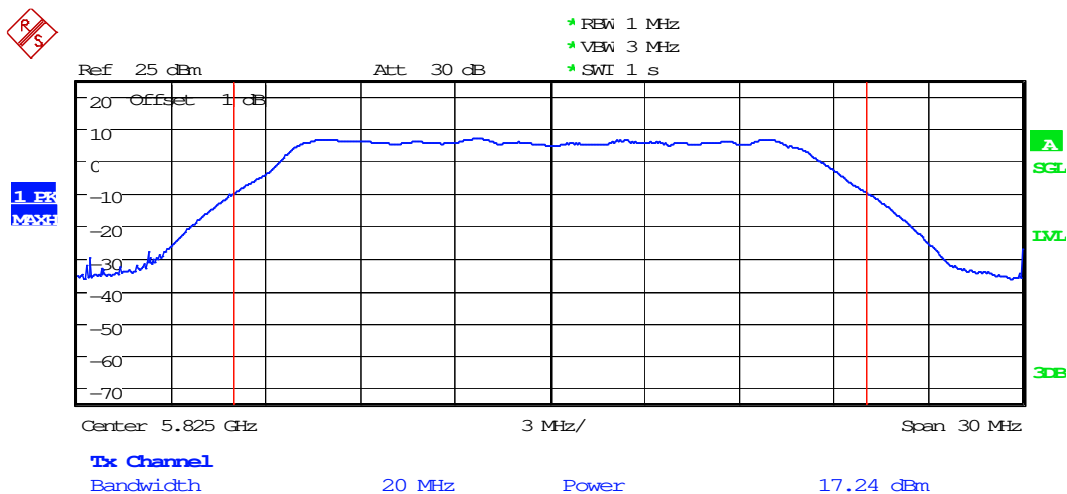
Date: 20.JUN.2014 05:16:01

2.4 11A_157 Ant 2



Date: 20.JUN.2014 05:19:12

2.5 11A_165 Ant 1

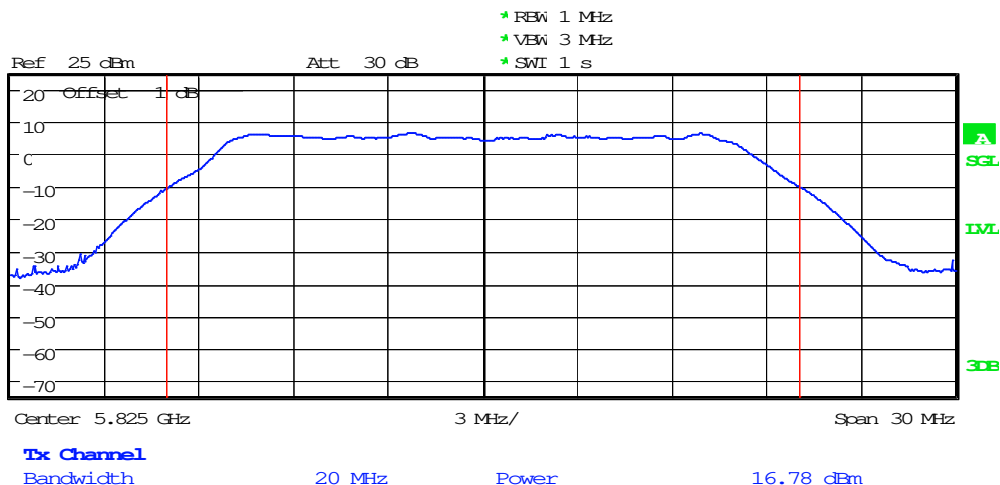


Date: 20.JUN.2014 05:17:31

2.6 11A_165 Ant 2



1. EK
MAX

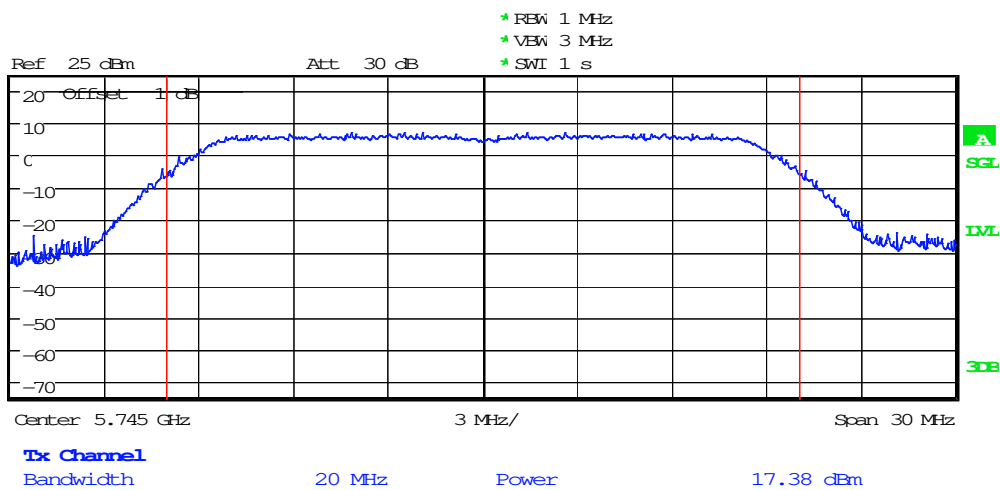


Date: 20.JUN.2014 05:20:38

2.7 11N20_149 Ant 1



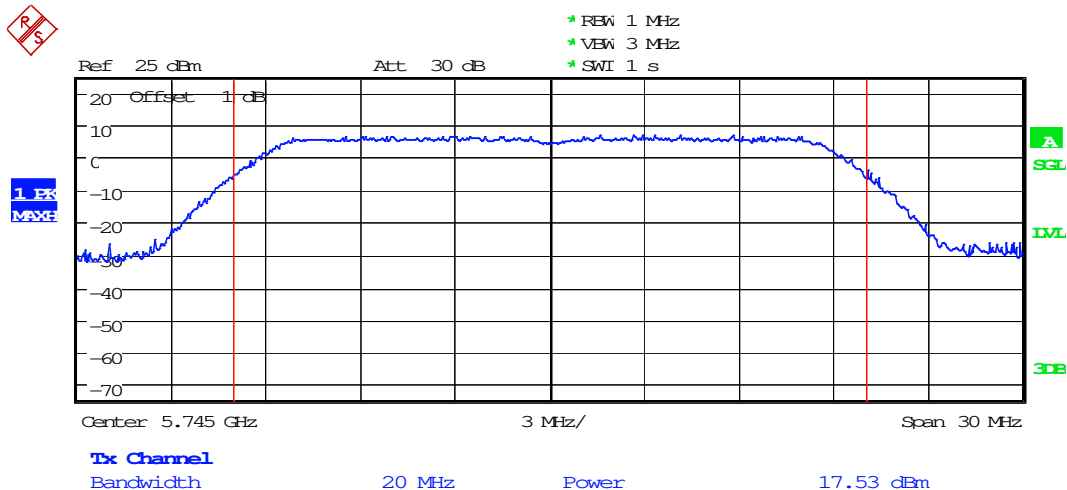
1. EK
MAX



Date: 20.JUN.2014 05:26:14

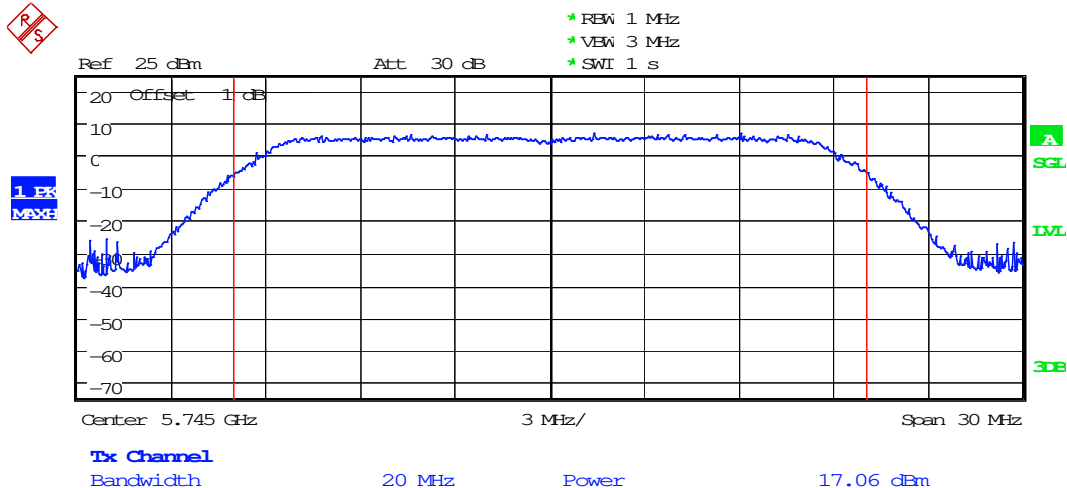


2.8 11N20_149 Ant 2



Date: 20.JUN.2014 05:41:55

2.9 11N20M_149 Ant 1

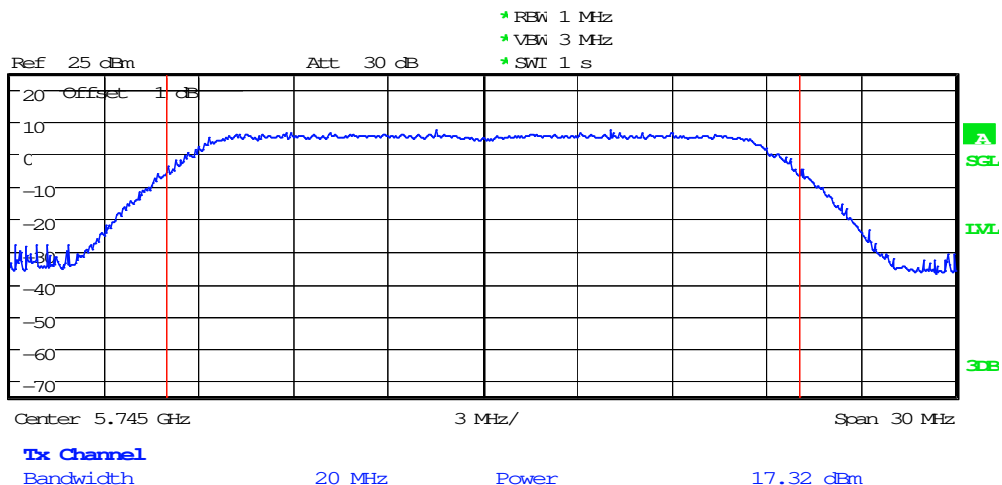


Date: 20.JUN.2014 06:38:50

2.10 11N20M_149 Ant 2

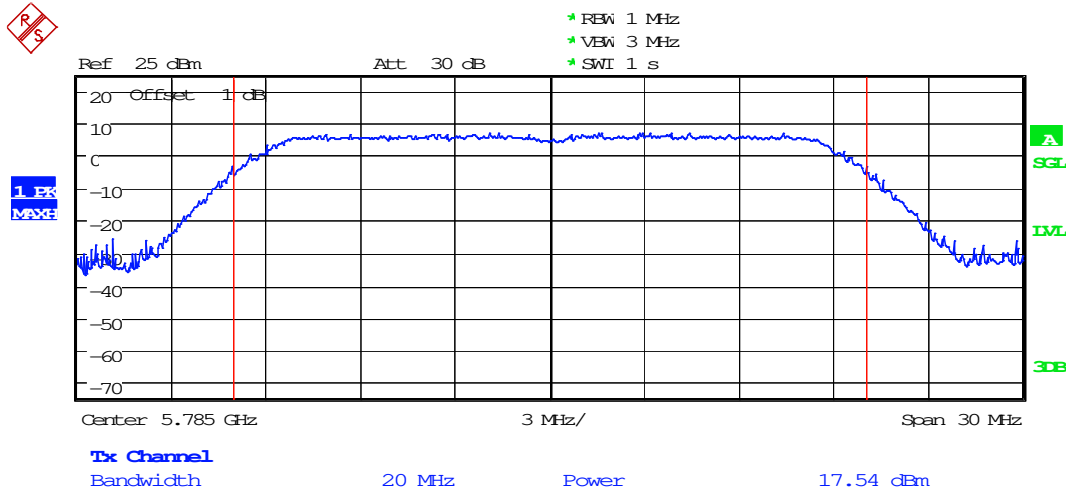


1. EK
MAX



Date: 20.JUN.2014 06:44:54

2.11 11N20_157 Ant 1

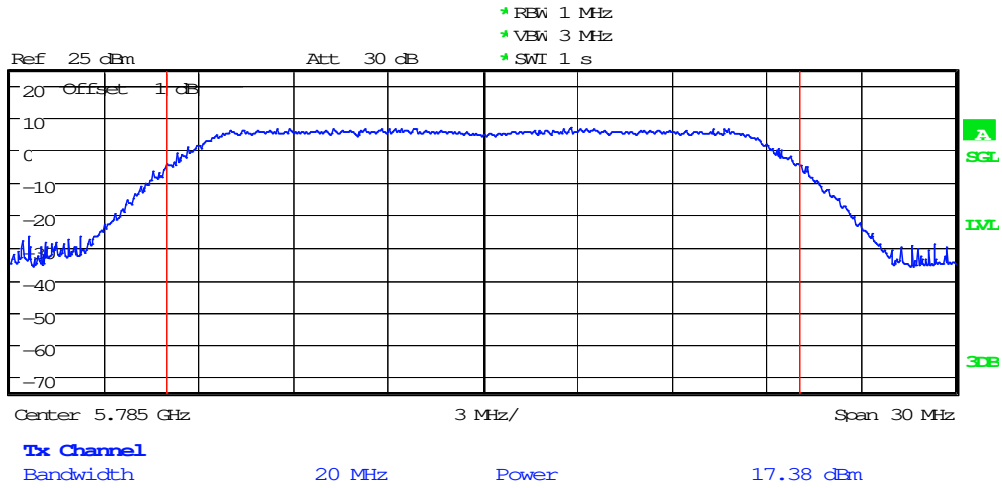


Date: 20.JUN.2014 05:29:03

2.12 11N20_157 Ant 2



1. EK
MAX

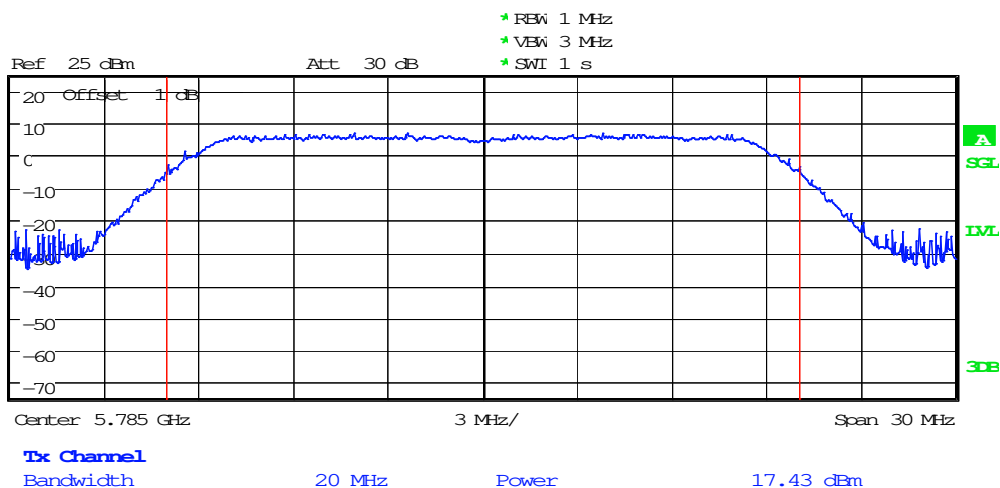


Date: 20.JUN.2014 05:43:23

2.13 11N20M_157 Ant 1

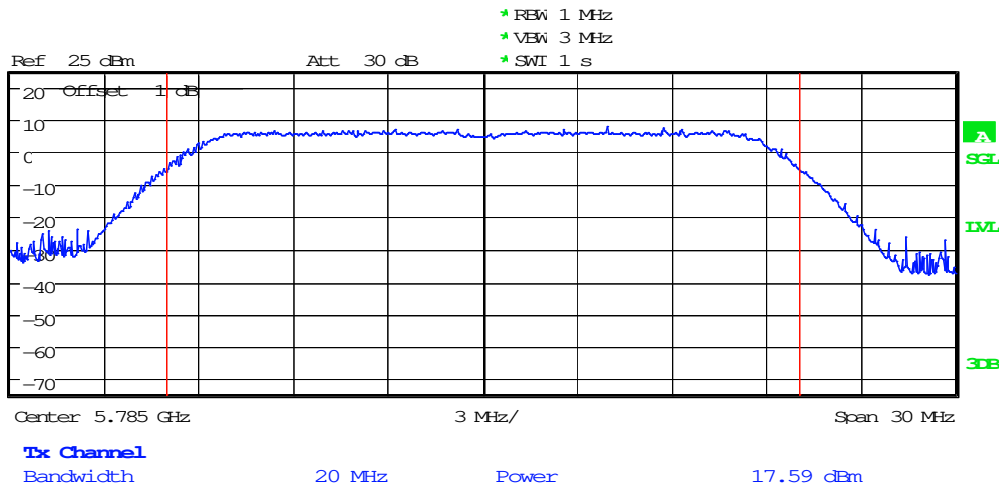


1. EK
MAX



Date: 20.JUN.2014 06:40:28

2.14 11N20M_157 Ant 2

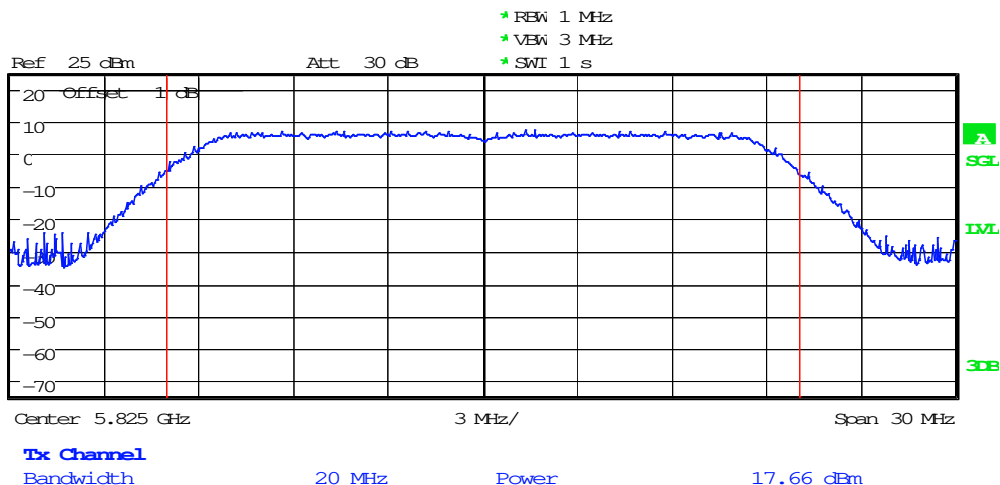
1. EK
MAXE

Date: 20.JUN.2014 06:46:16

2.15 11N20_165 Ant 1



1. EK
MAXE

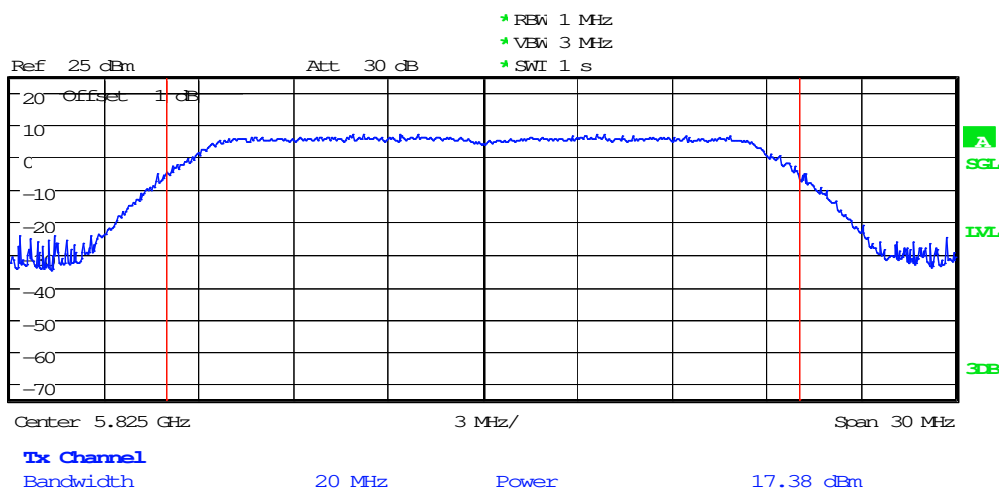


Date: 20.JUN.2014 05:36:02

2.16 11N20_165 Ant 2



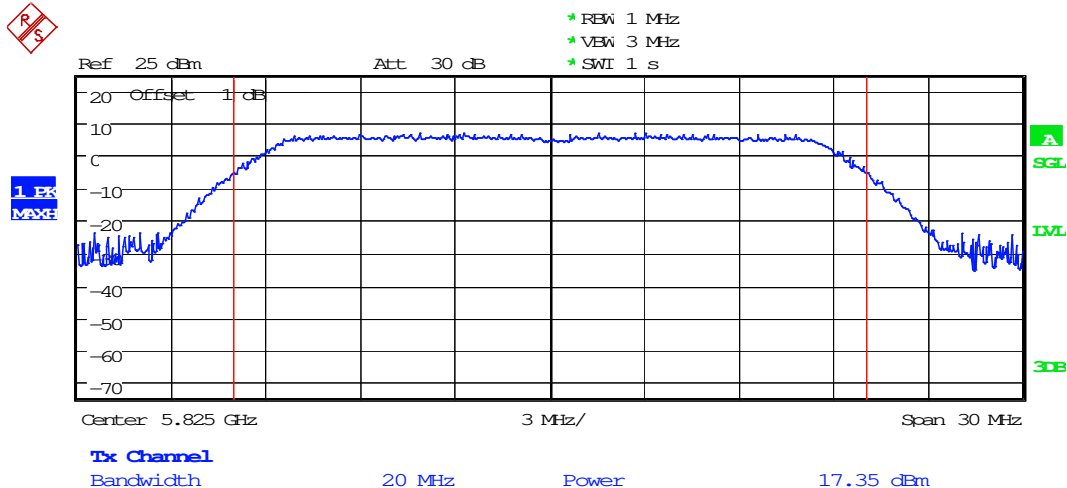
1. EK
MAX



Date: 20.JUN.2014 05:44:53



2.17 11N20M_165 Ant 1

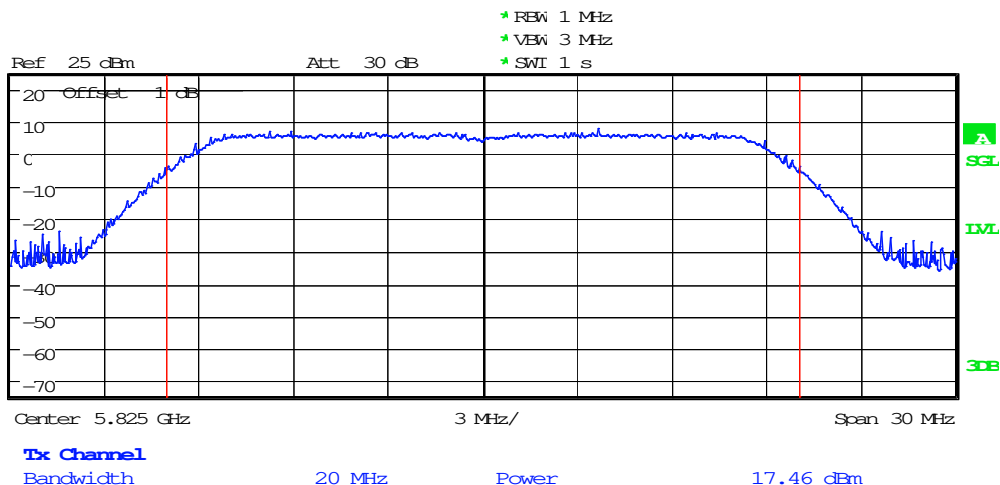


Date: 20.JUN.2014 06:41:59

2.18 11N20M_165 Ant 2



1. EK
MAX

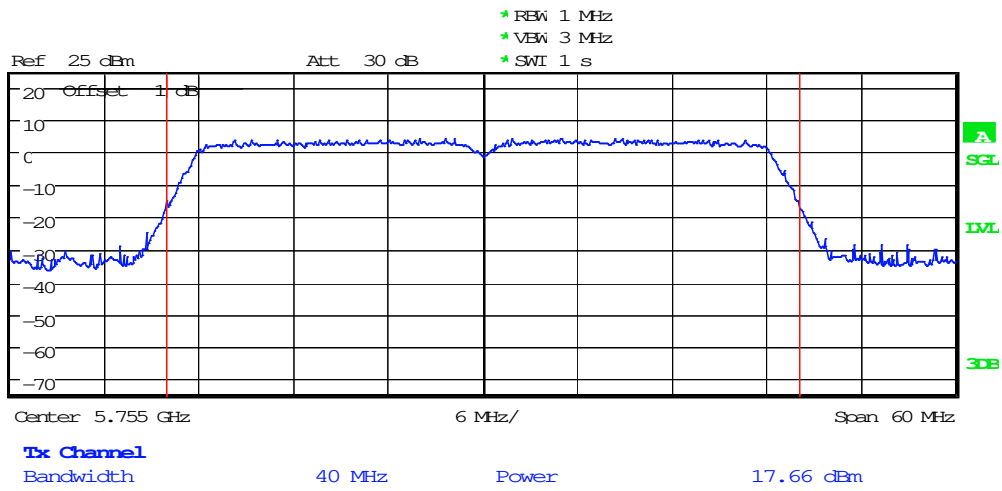


Date: 20.JUN.2014 06:47:56

2.19 11N40_151 Ant 1



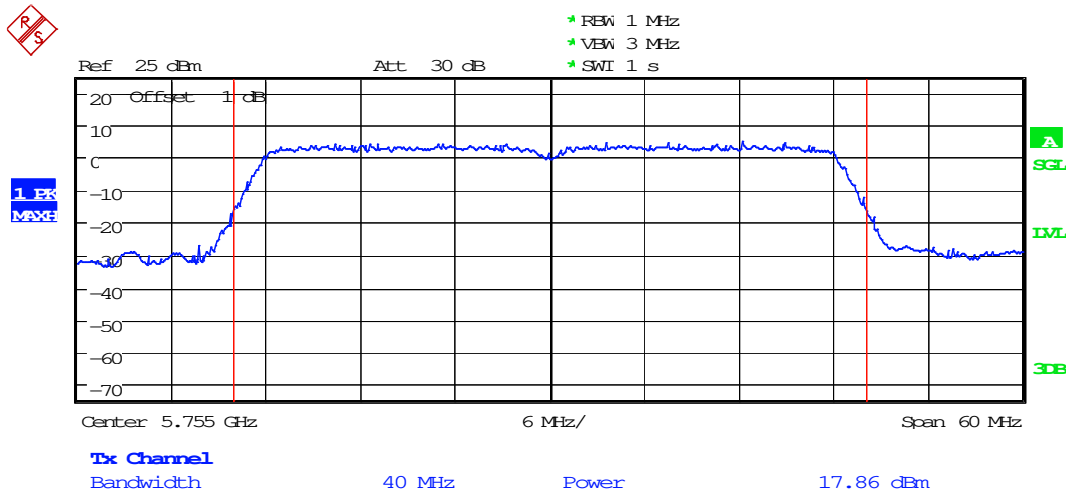
1 PK
MAX



Date: 20.JUN.2014 05:49:37



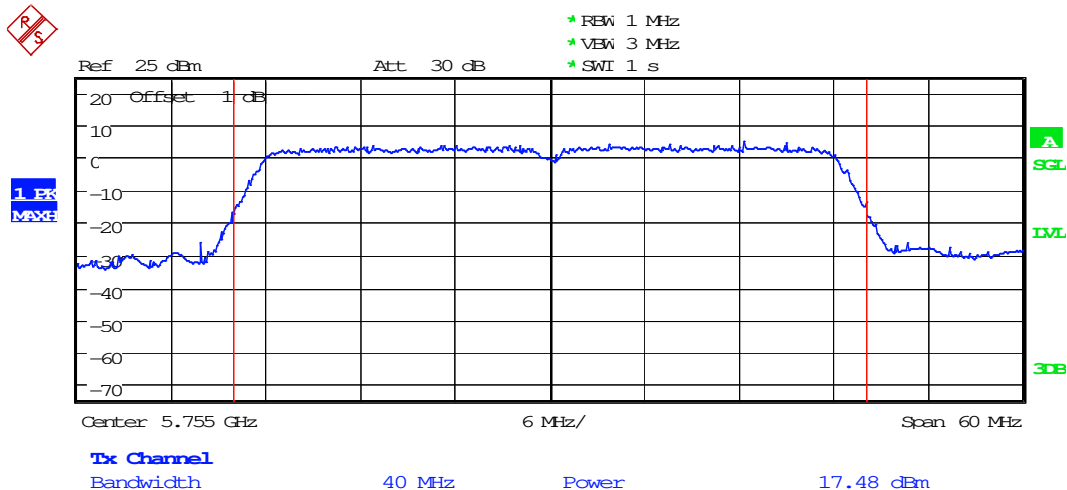
2.20 11N40_151 Ant 2



Date: 20.JUN.2014 06:26:37



2.21 11N40M_151 Ant 1

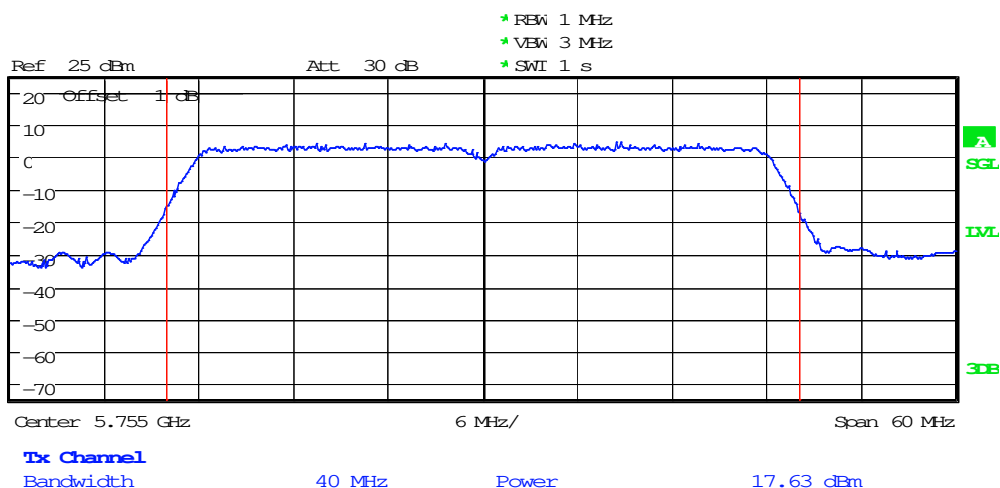


Date: 20.JUN.2014 06:53:33

2.22 11N40M_151 Ant 2



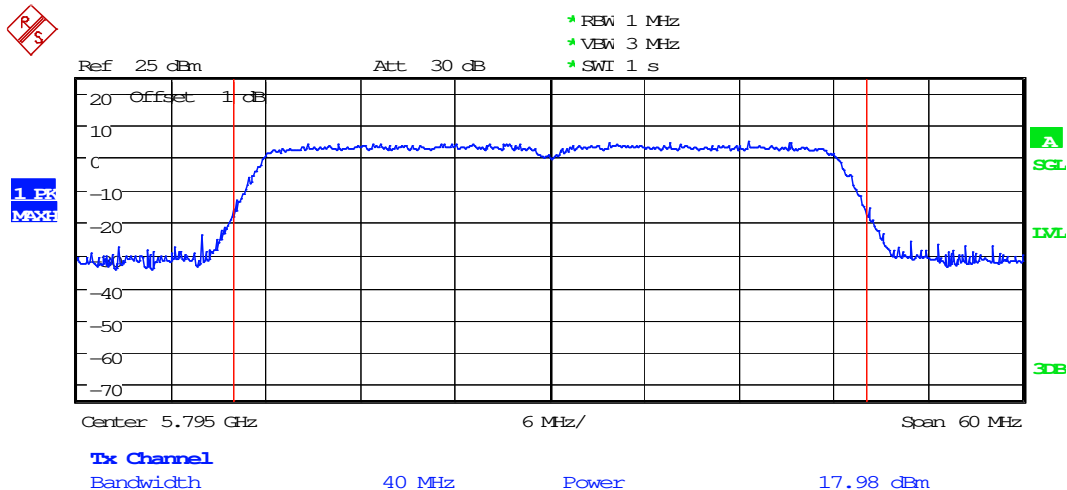
1. EK
MAX



Date: 20.JUN.2014 06:59:42



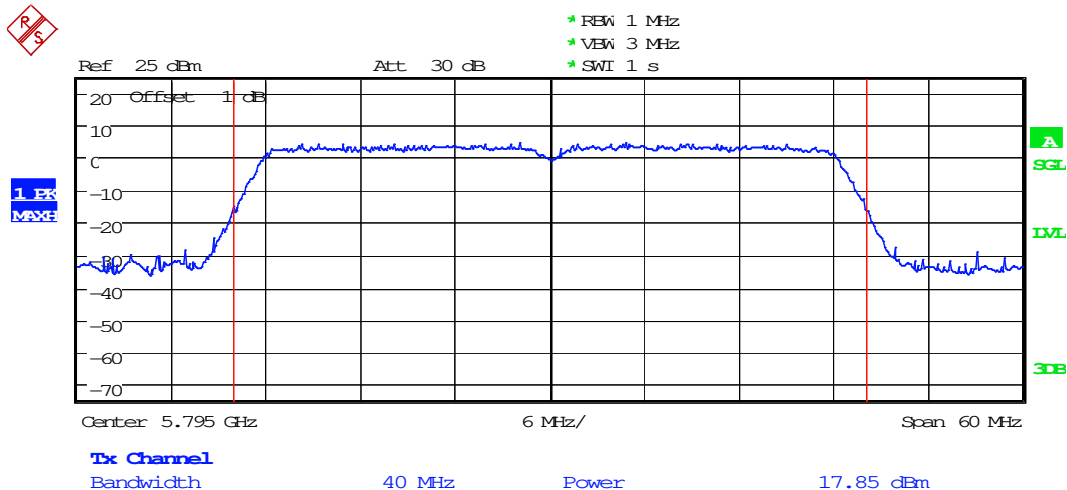
2.23 11N40_159 Ant 1



Date: 20.JUN.2014 05:52:40



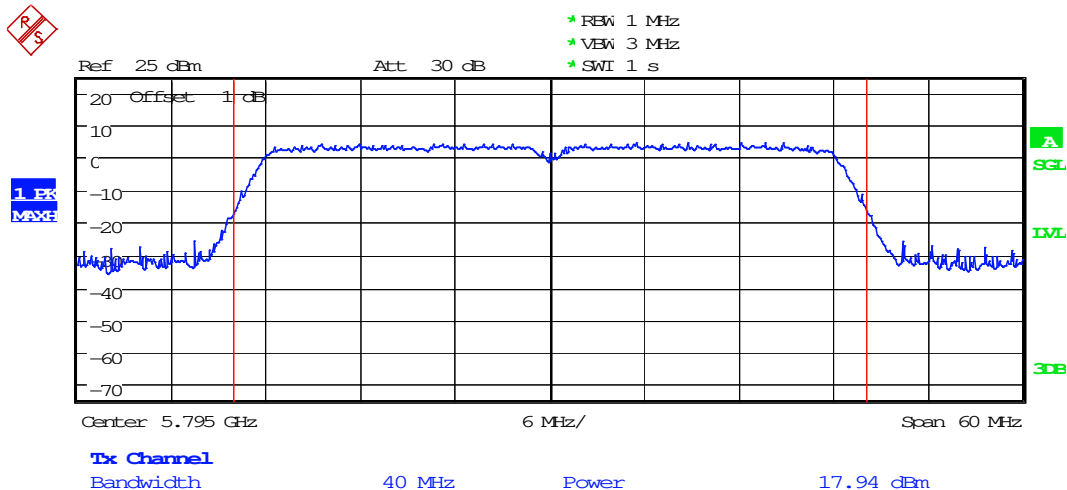
2.24 11N40_159 Ant 2



Date: 20.JUN.2014 06:28:48

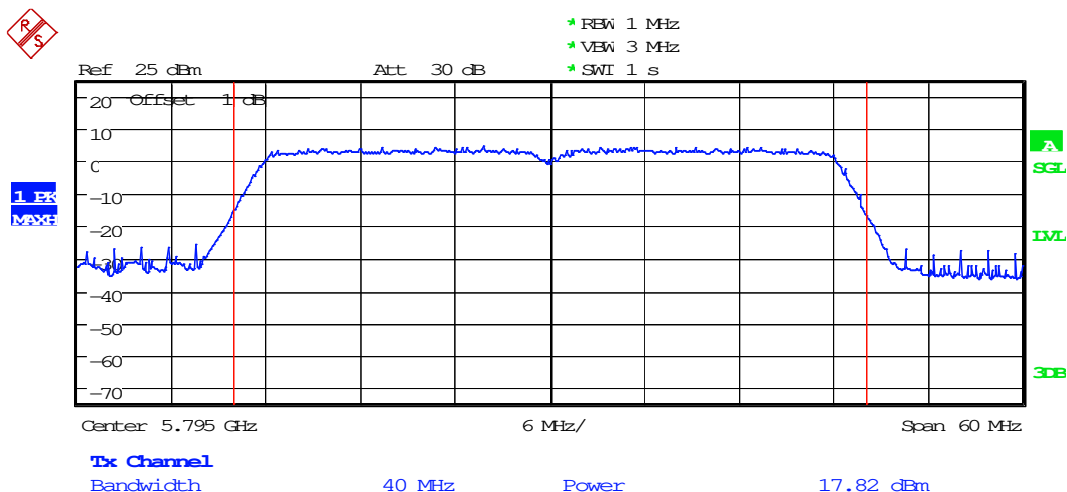


2.25 11N40M_159 Ant 1



Date: 20.JUN.2014 06:55:46

2.26 11N40M_159 Ant 2

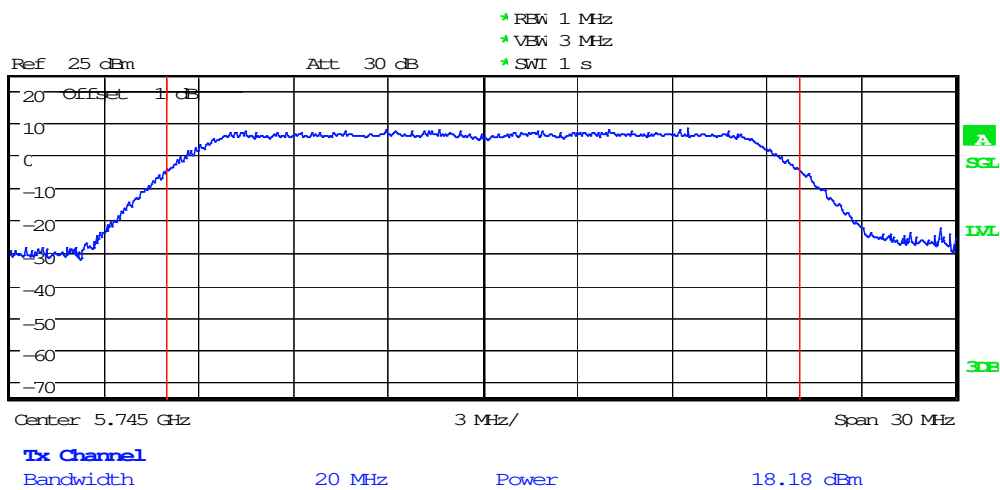


Date: 20.JUN.2014 07:02:48

2.27 11AC20_149 Ant 1

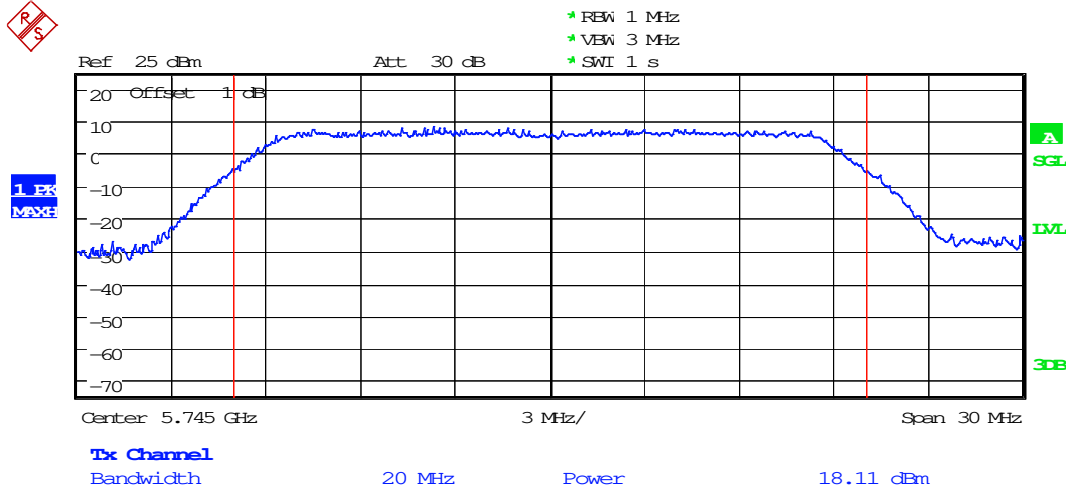


1 PK
MAX



Date: 20.JUN.2014 07:07:01

2.28 11AC20_149 Ant 2

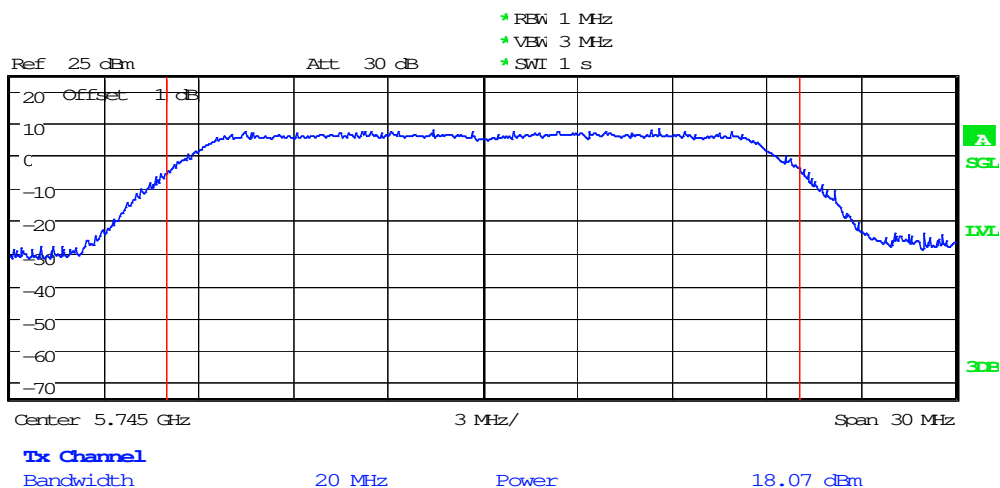


Date: 20.JUN.2014 07:13:55

2.29 11AC20M_149 Ant 1



1. EK
MAX

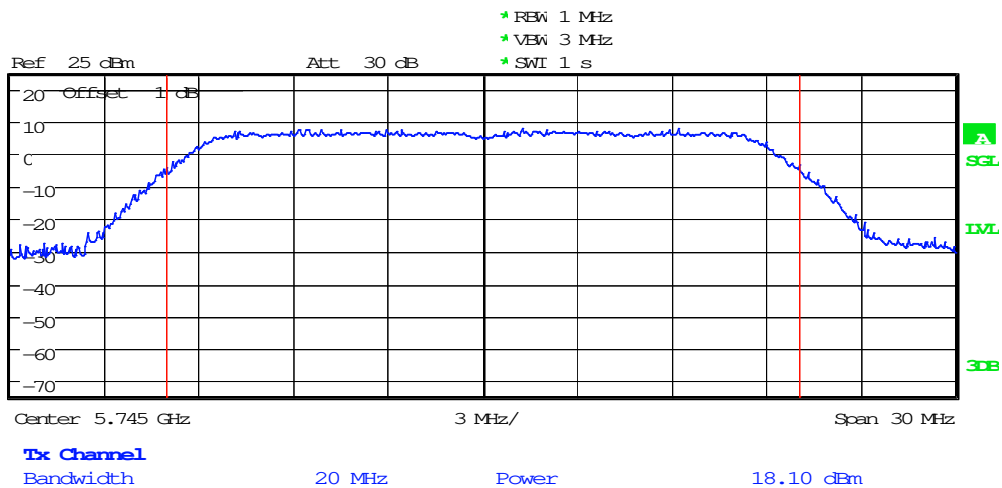


Date: 20.JUN.2014 07:44:16

2.30 11AC20M_149 Ant 2



1. EK
MAX

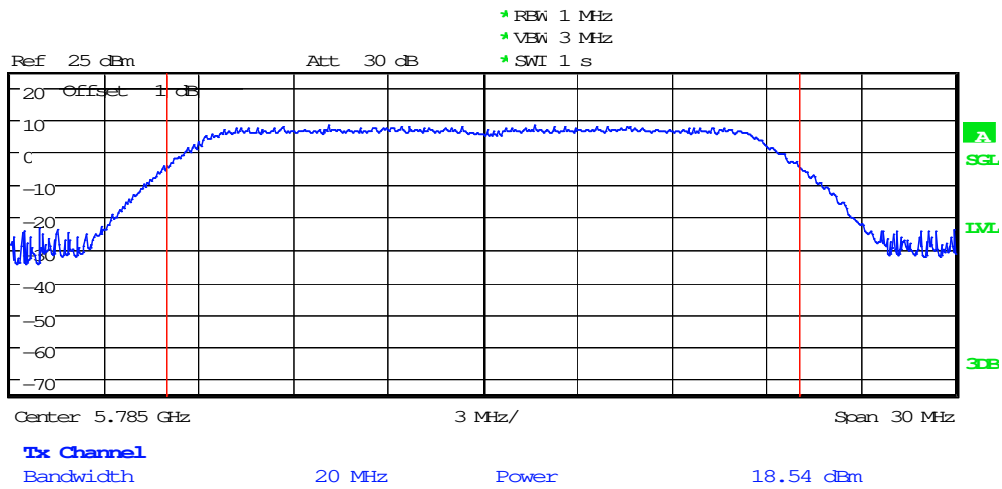


Date: 20.JUN.2014 07:48:54

2.31 11AC20_157 Ant 1



1 PK
MAX

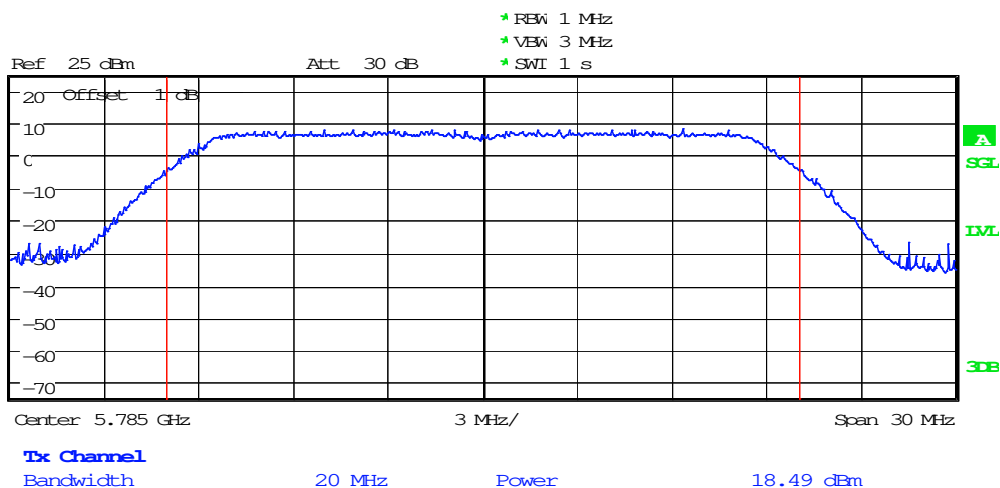


Date: 20.JUN.2014 07:08:51

2.32 11AC20_157 Ant 2



1. EK
MAX

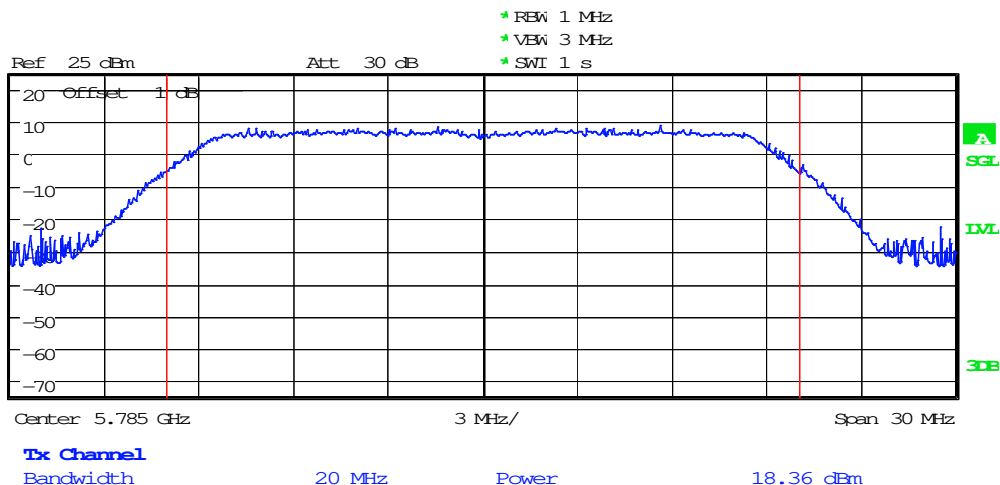


Date: 20.JUN.2014 07:15:33

2.33 11AC20M_157 Ant 1



1. EK
MAX

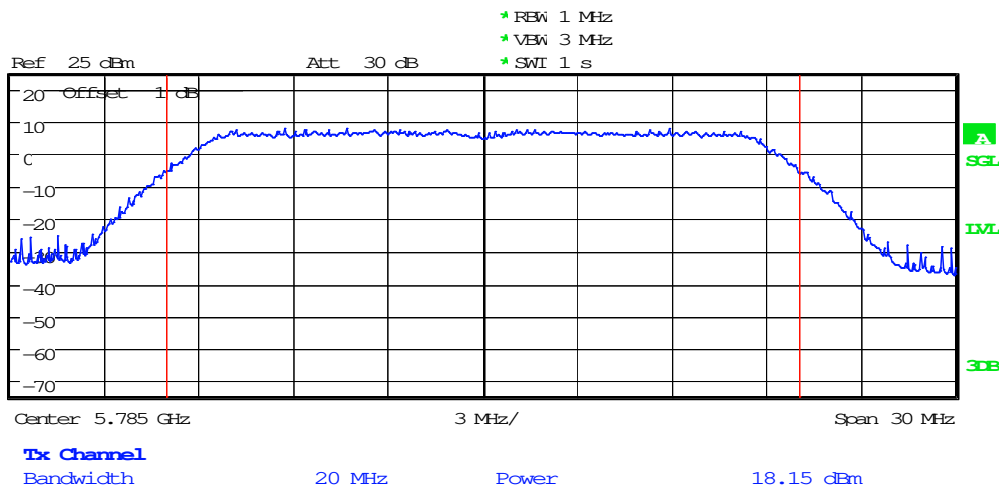


Date: 20.JUN.2014 07:45:38

2.34 11AC20M_157 Ant 2



1. EK
MAX

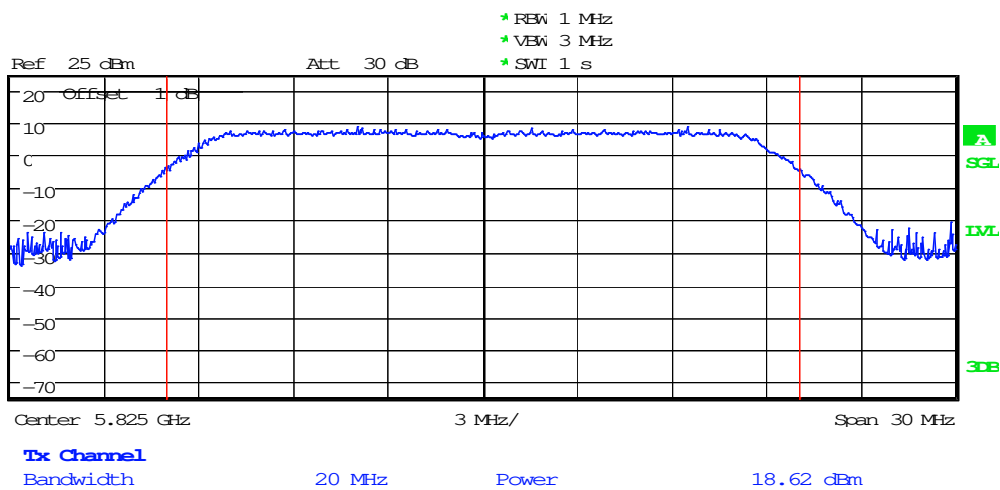


Date: 20.JUN.2014 07:50:17

2.3511AC20_165 Ant 1



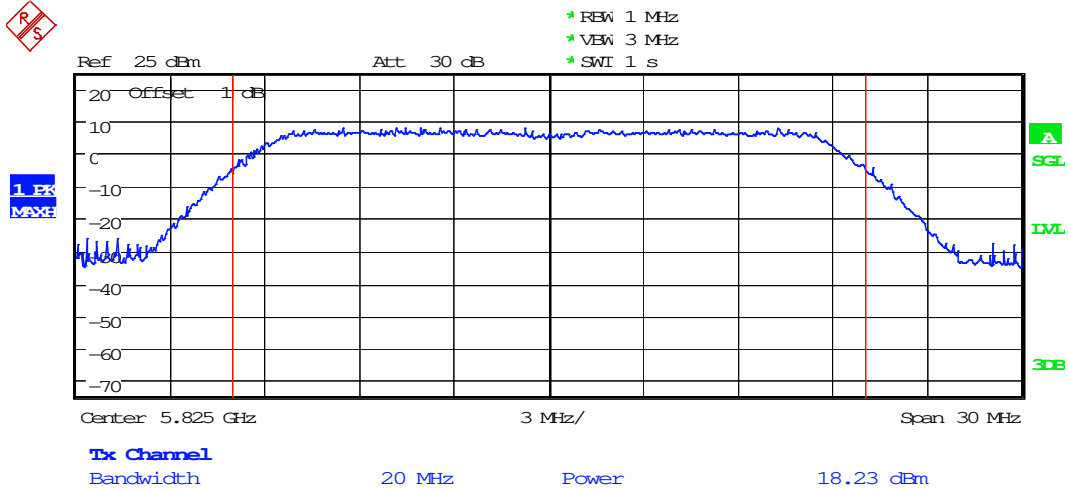
1 PK
MAX



Date: 20.JUN.2014 07:11:39



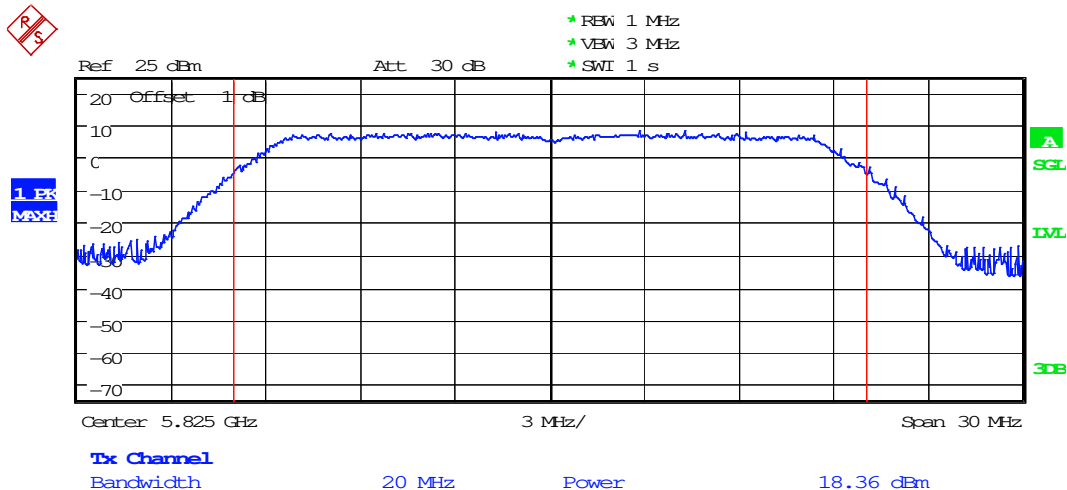
2.3611AC20_165 Ant 2



Date: 20.JUN.2014 07:17:27

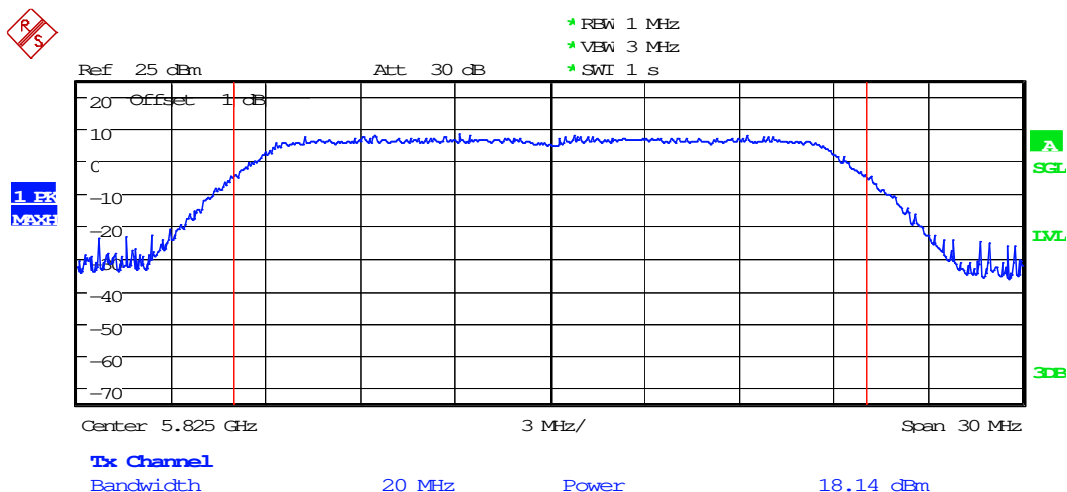


2.3711AC20M_165 Ant 1



Date: 20.JUN.2014 07:47:12

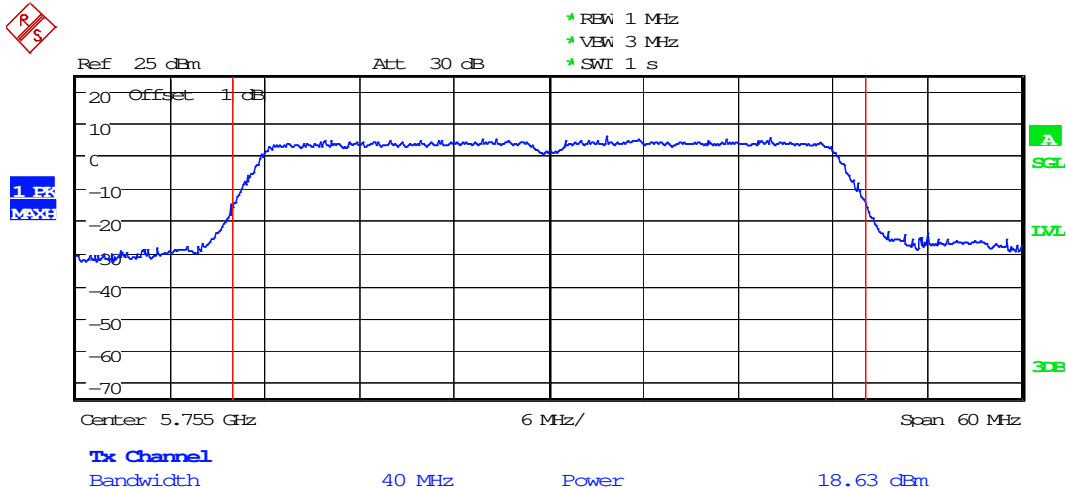
2.3811AC20M_165 Ant 2



Date: 20.JUN.2014 07:51:50



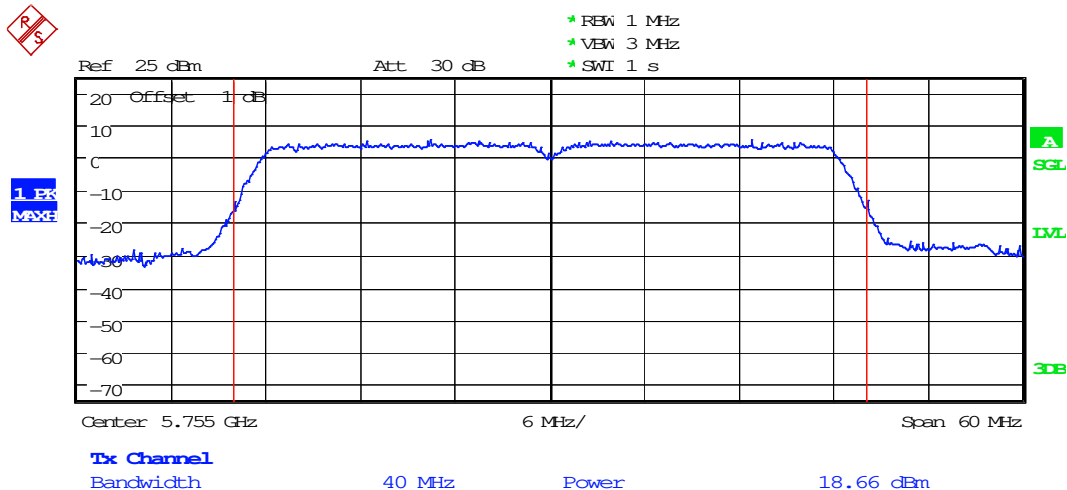
2.3911AC40_151 Ant 1



Date: 20.JUN.2014 07:19:56

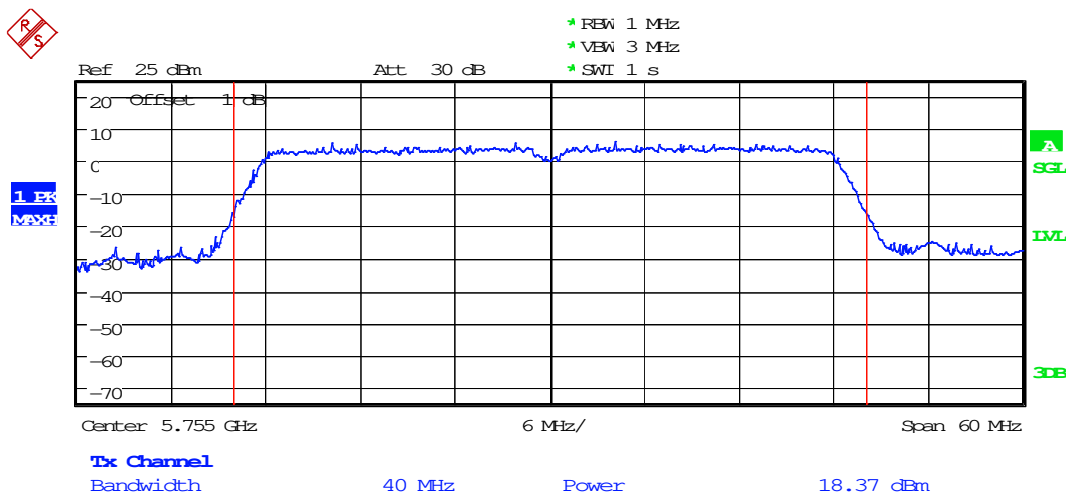


2.4011AC40_151 Ant 2



Date: 20.JUN.2014 07:30:58

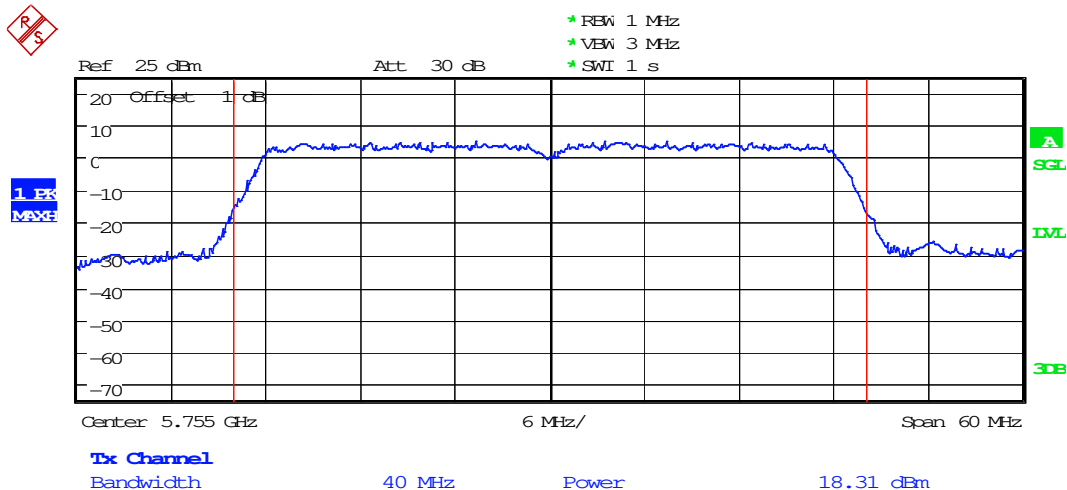
2.4111AC40M_151 Ant 1



Date: 20.JUN.2014 07:54:00



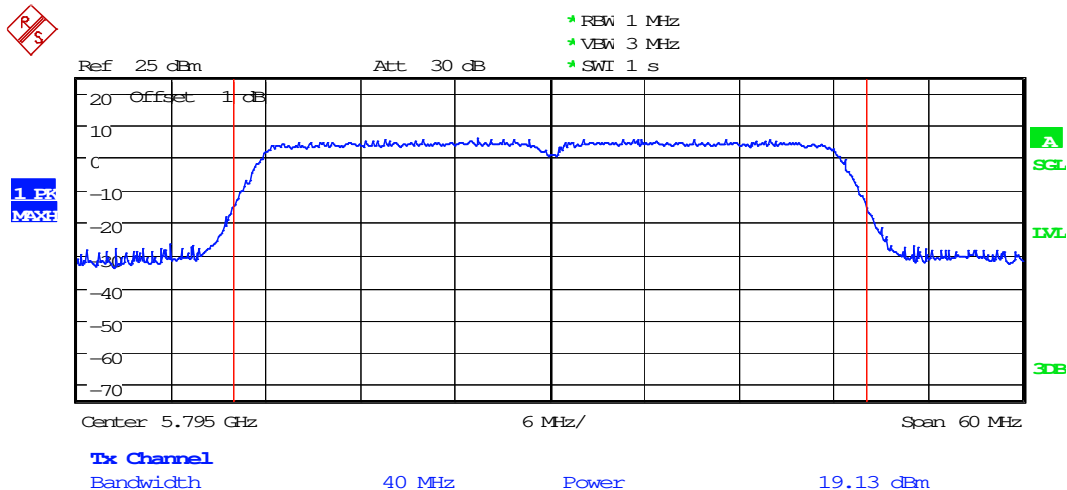
2.4211AC40M_151 Ant 2



Date: 20.JUN.2014 07:59:09

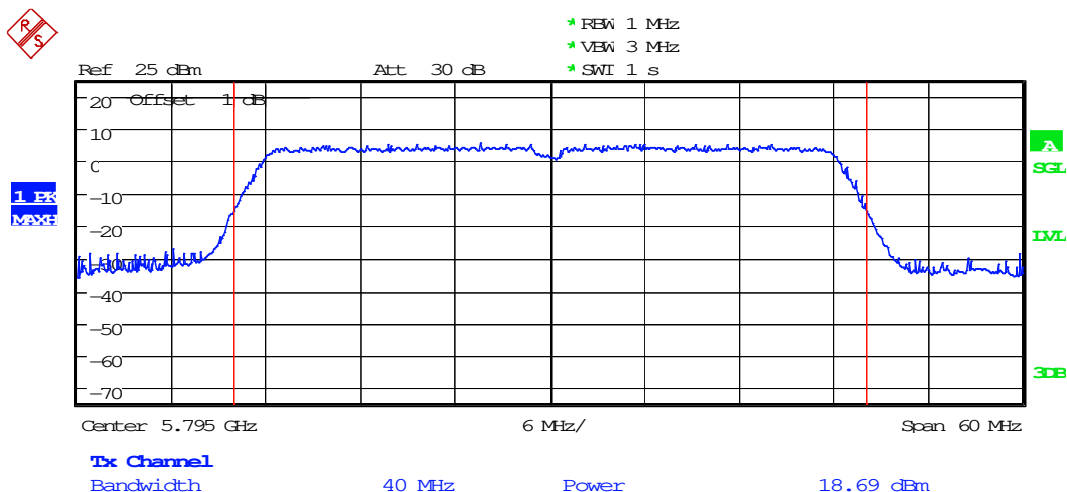


2.4311AC40_159 Ant 1



Date: 20.JUN.2014 07:22:41

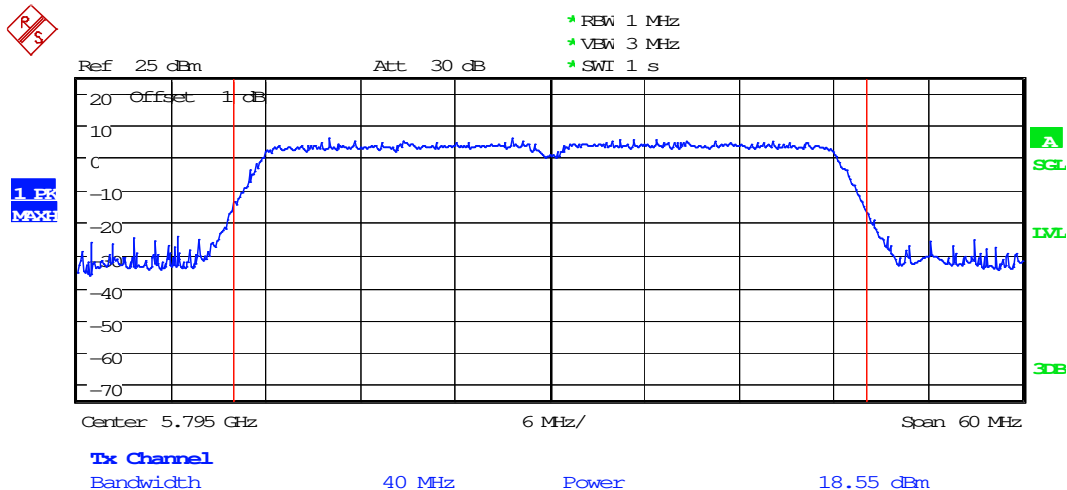
2.4411AC40_159 Ant 2



Date: 20.JUN.2014 07:33:51



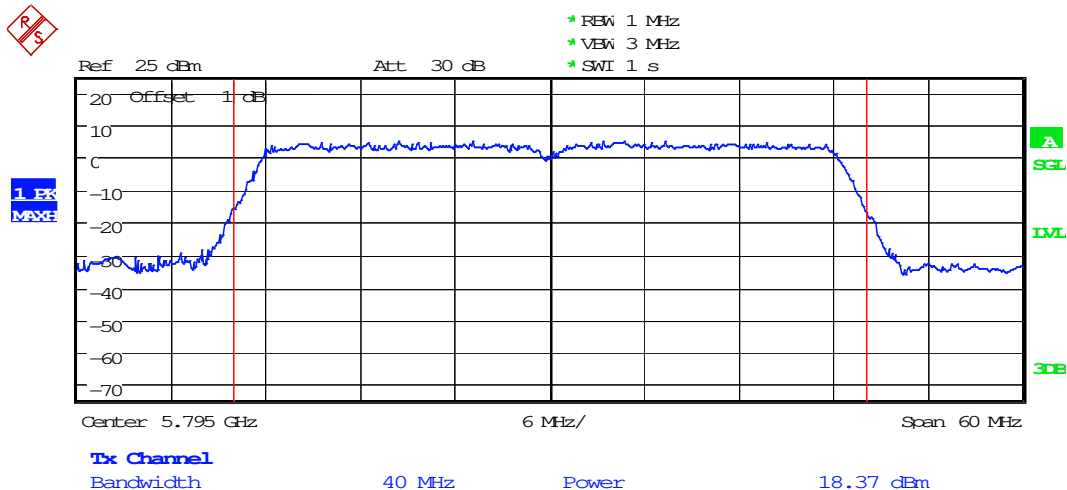
2.4511AC40M_159 Ant 1



Date: 20.JUN.2014 07:56:12



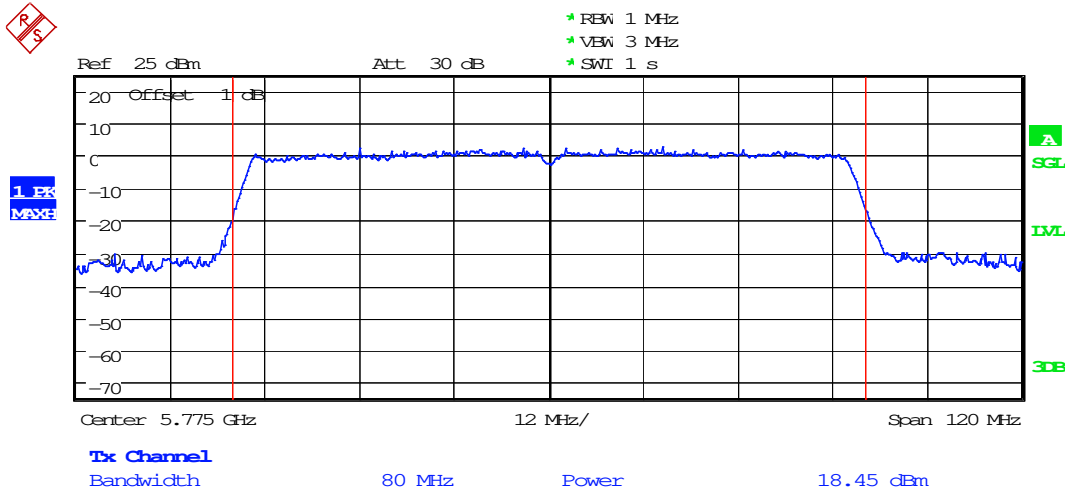
2.4611AC40M_159 Ant 2



Date: 20.JUN.2014 08:01:15



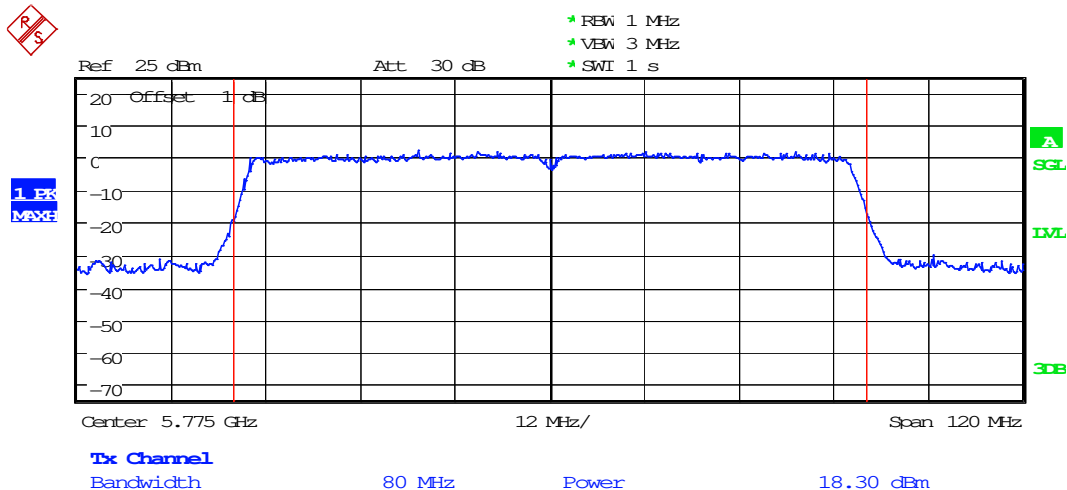
2.4711AC80_155 Ant 1



Date: 20.JUN.2014 07:37:53



2.4811AC80_155 Ant 2

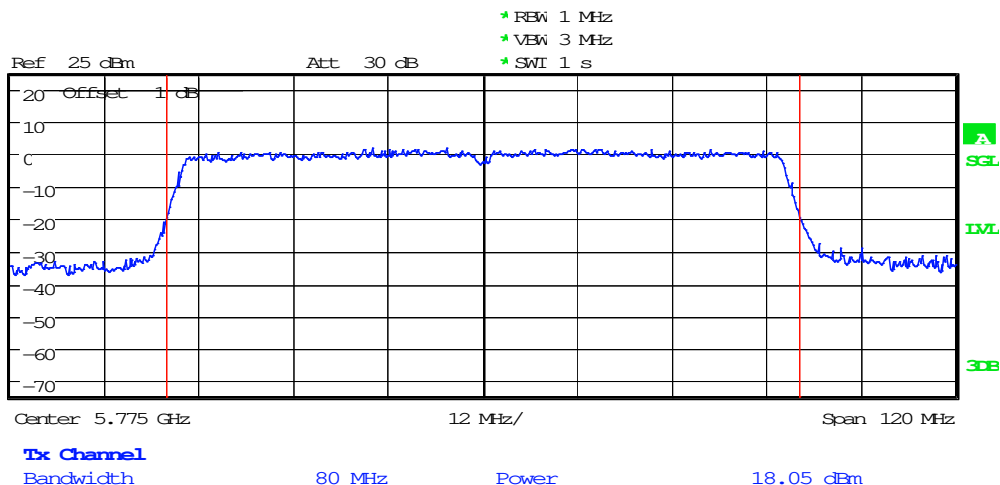


Date: 20.JUN.2014 07:40:17

2.4911AC80M_155 Ant 1



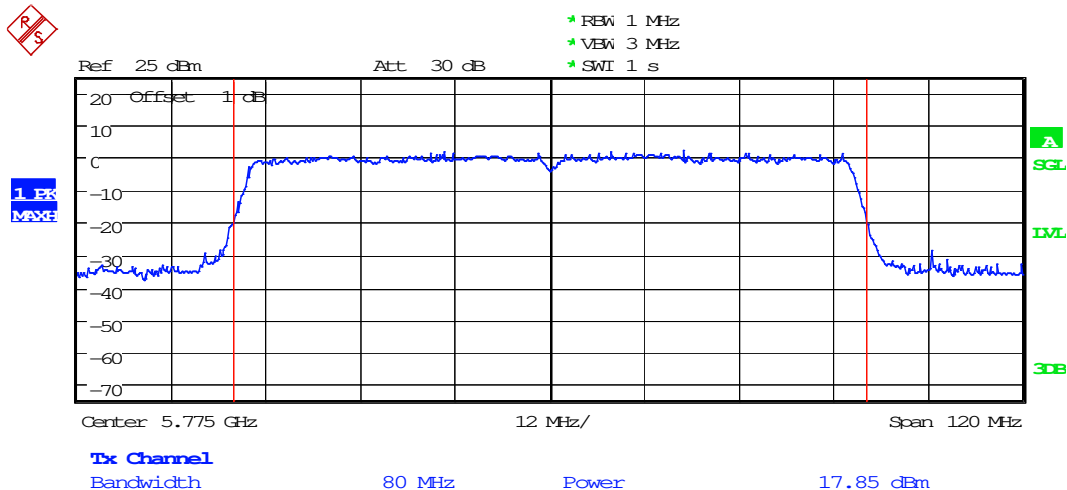
1. EK
MAX



Date: 20.JUN.2014 08:03:48



2.5011AC80M_155 Ant 2



Date: 20.JUN.2014 08:06:13

Appendix C: Maximum Power Spectral Density Level

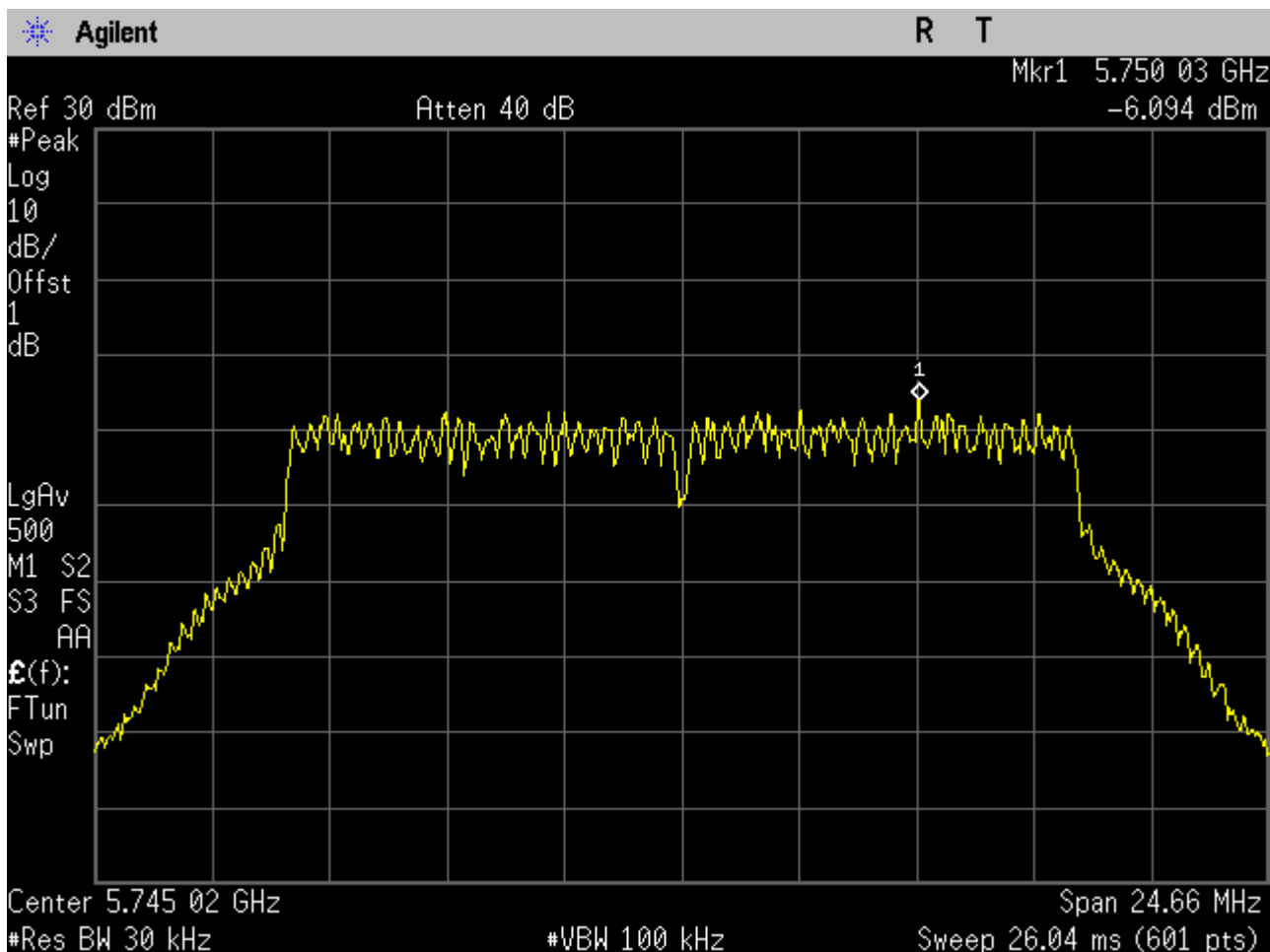
1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Meas. Level (Cond.) [dBm/30kHz]	Verdict
11A	149	5745	Ant 1	-6.09	pass
11A	149	5745	Ant 2	-6.13	pass
11A	157	5785	Ant 1	-6.31	pass
11A	157	5785	Ant 2	-6.33	pass
11A	165	5825	Ant 1	-6.34	pass
11A	165	5825	Ant 2	-6.43	pass
11N20	149	5745	Ant 1	-5.36	pass
11N20	149	5745	Ant 2	-8.19	pass
11N20M	149	5745	Ant 1	-6.28	pass
11N20M	149	5745	Ant 2	-6.51	pass
11N20M	149	5745	Sum	-3.38	pass
11N20	157	5785	Ant 1	-5.62	pass
11N20	157	5785	Ant 2	-7.98	pass
11N20M	157	5785	Ant 1	-6.25	pass
11N20M	157	5785	Ant 2	-6.25	pass
11N20M	157	5785	Sum	-3.24	pass
11N20	165	5825	Ant 1	-5.71	pass
11N20	165	5825	Ant 2	-6.58	pass
11N20M	165	5825	Ant 1	-6.37	pass
11N20M	165	5825	Ant 2	-6.32	pass
11N20M	165	5825	Sum	-3.33	pass
11N40	151	5755	Ant 1	-8.34	pass
11N40	151	5755	Ant 2	-8.82	pass
11N40M	151	5755	Ant 1	-8.43	pass
11N40M	151	5755	Ant 2	-8.68	pass
11N40M	151	5755	Sum	-5.54	pass
11N40	159	5795	Ant 1	-8.47	pass
11N40	159	5795	Ant 2	-9.07	pass
11N40M	159	5795	Ant 1	-8.34	pass
11N40M	159	5795	Ant 2	-8.62	pass
11N40M	159	5795	Sum	-5.47	pass
11AC20	149	5745	Ant 1	-4.95	pass
11AC20	149	5745	Ant 2	-5.17	pass
11AC20M	149	5745	Ant 1	-5.64	pass

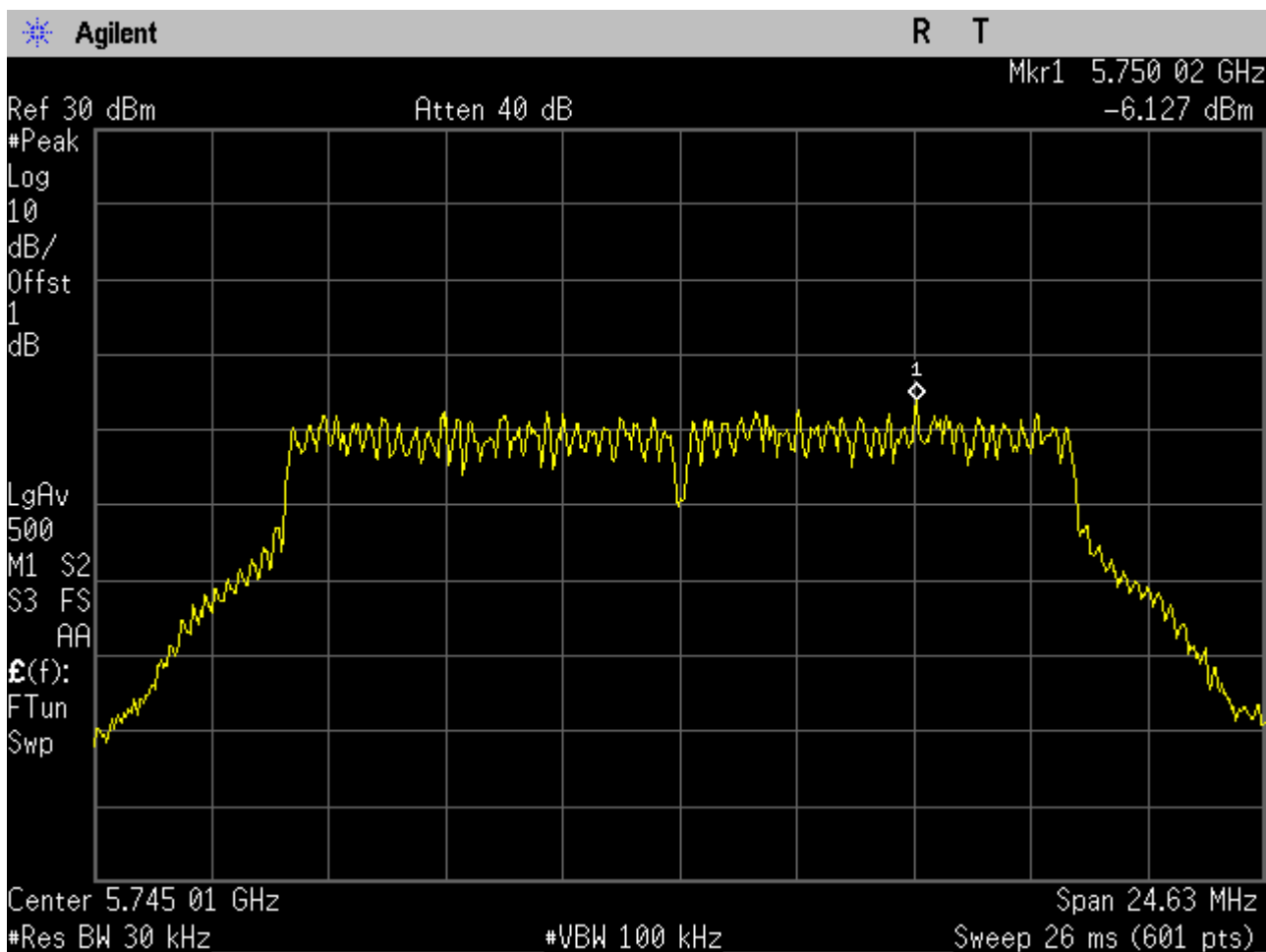
11AC20M	149	5745	Ant 2	-4.36	pass
11AC20M	149	5745	Sum	-1.94	pass
11AC20	157	5785	Ant 1	-5.03	pass
11AC20	157	5785	Ant 2	-5.16	pass
11AC20M	157	5785	Ant 1	-5.36	pass
11AC20M	157	5785	Ant 2	-4.5	pass
11AC20M	157	5785	Sum	-1.9	pass
11AC20	165	5825	Ant 1	-5.01	pass
11AC20	165	5825	Ant 2	-5.56	pass
11AC20M	165	5825	Ant 1	-5.97	pass
11AC20M	165	5825	Ant 2	-4.71	pass
11AC20M	165	5825	Sum	-2.28	pass
11AC40	151	5755	Ant 1	-7.42	pass
11AC40	151	5755	Ant 2	-7.55	pass
11AC40M	151	5755	Ant 1	-8.16	pass
11AC40M	151	5755	Ant 2	-7.36	pass
11AC40M	151	5755	Sum	-4.73	pass
11AC40	159	5795	Ant 1	-7.7	pass
11AC40	159	5795	Ant 2	-7.9	pass
11AC40M	159	5795	Ant 1	-8.43	pass
11AC40M	159	5795	Ant 2	-7.82	pass
11AC40M	159	5795	Sum	-5.10	pass
11AC80	155	5775	Ant 1	-10.18	pass
11AC80	155	5775	Ant 2	-10.47	pass
11AC80M	155	5775	Ant 1	-10.1	pass
11AC80M	155	5775	Ant 2	-10.68	pass
11AC80M	155	5775	Sum	-7.37	pass

2 Test Plot

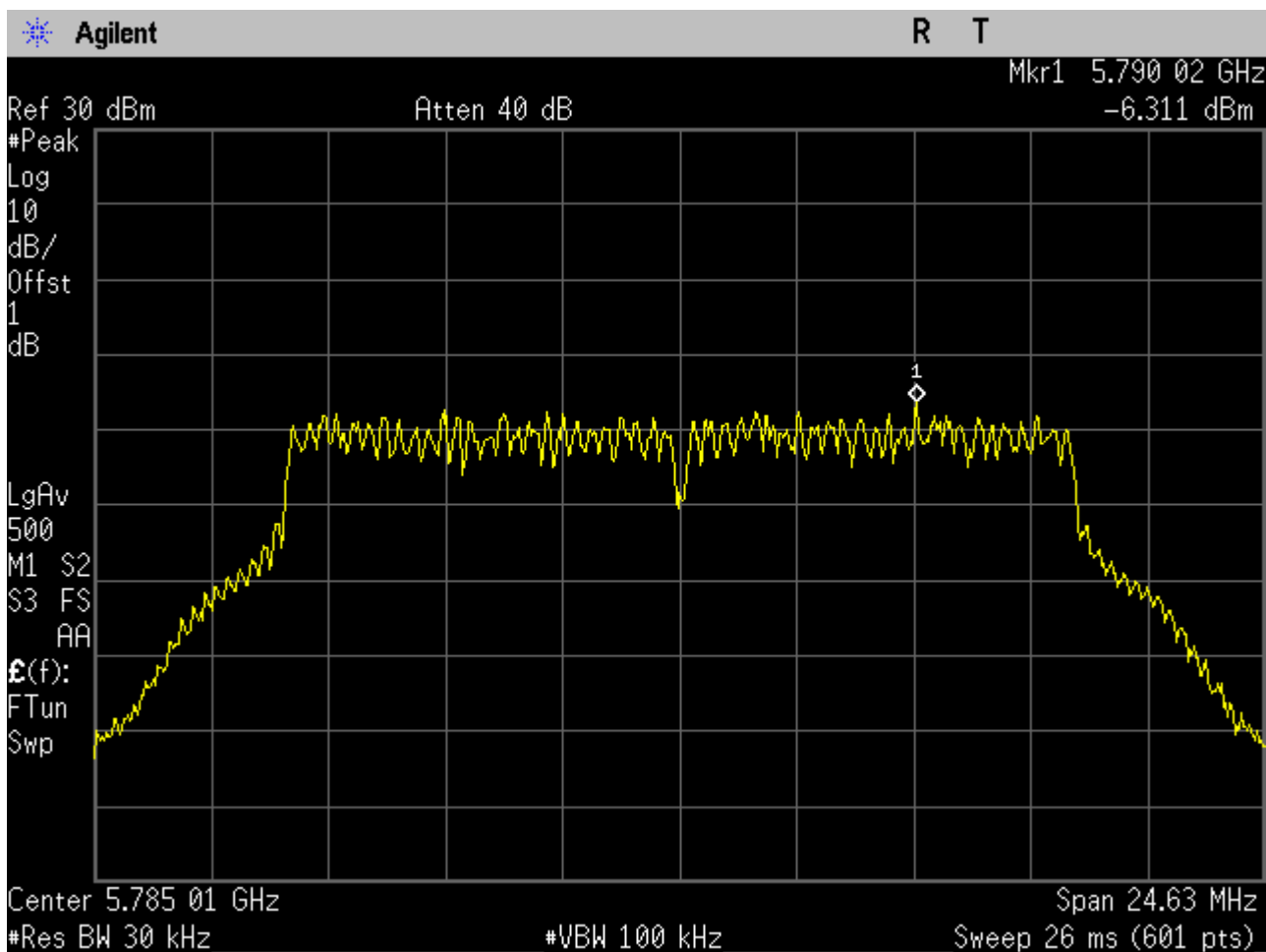
2.5111A_149 Ant 1



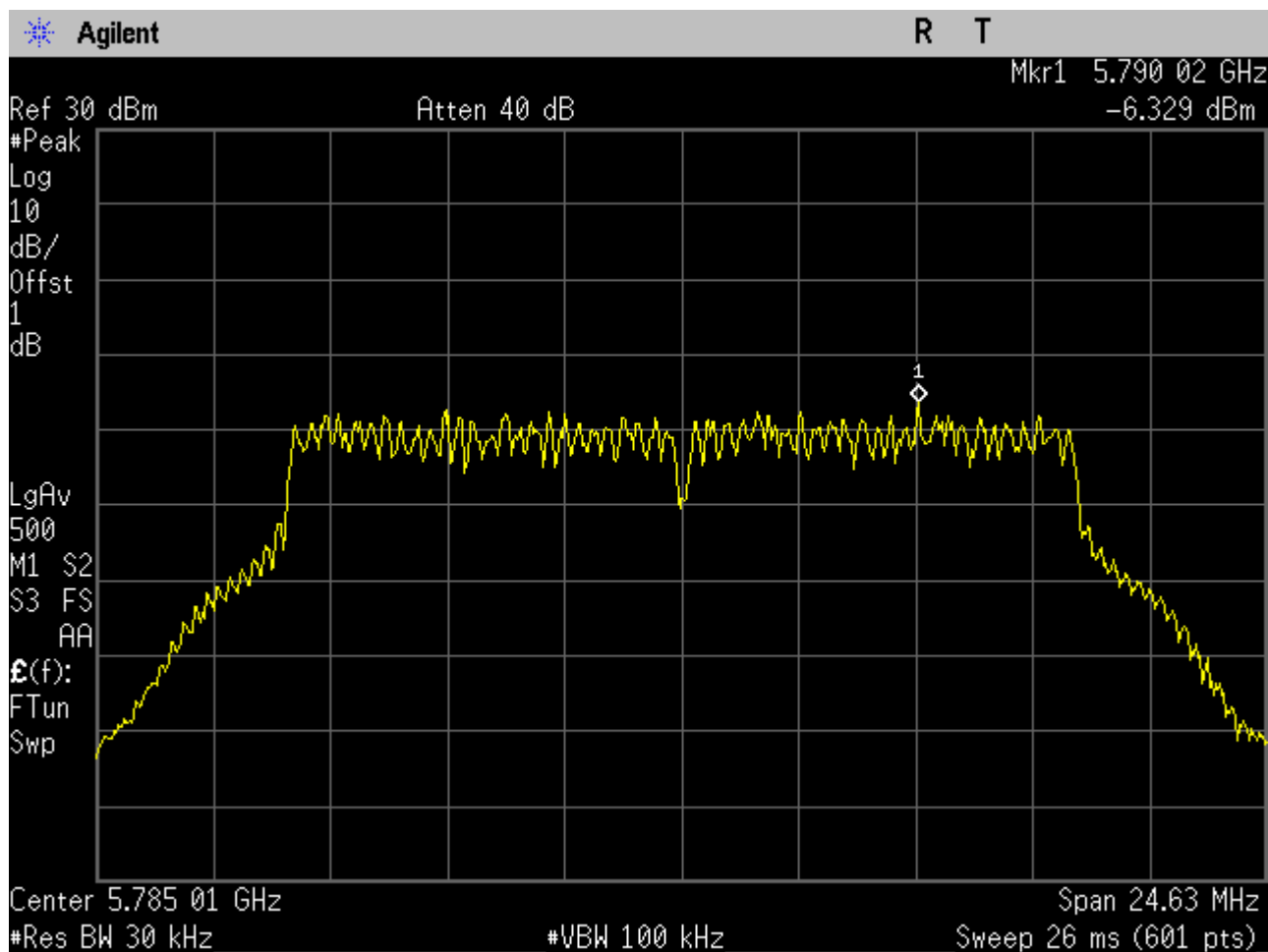
2.5211A_149 Ant 2



2.5311A_157 Ant 1

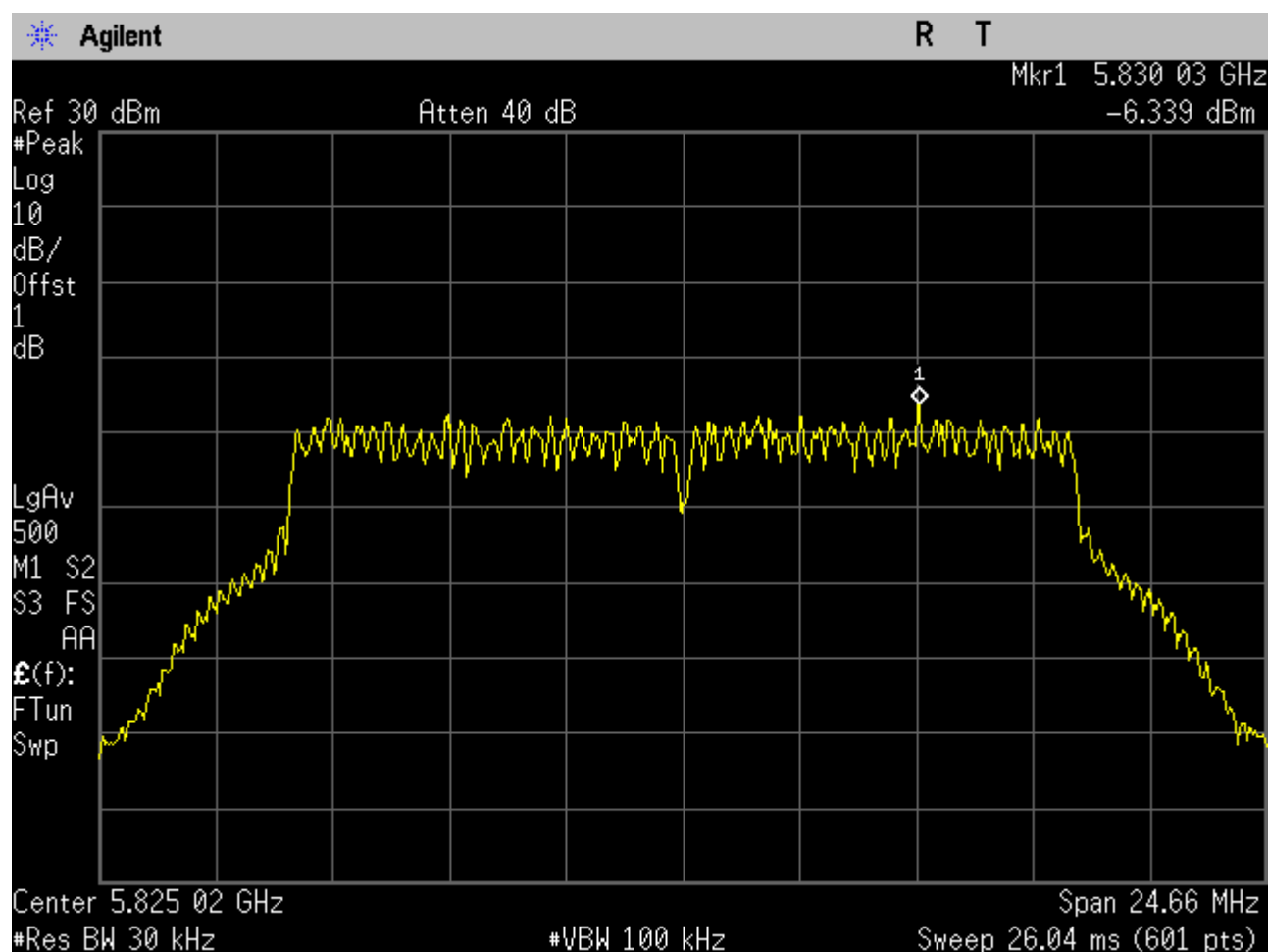


2.5411A_157 Ant 2

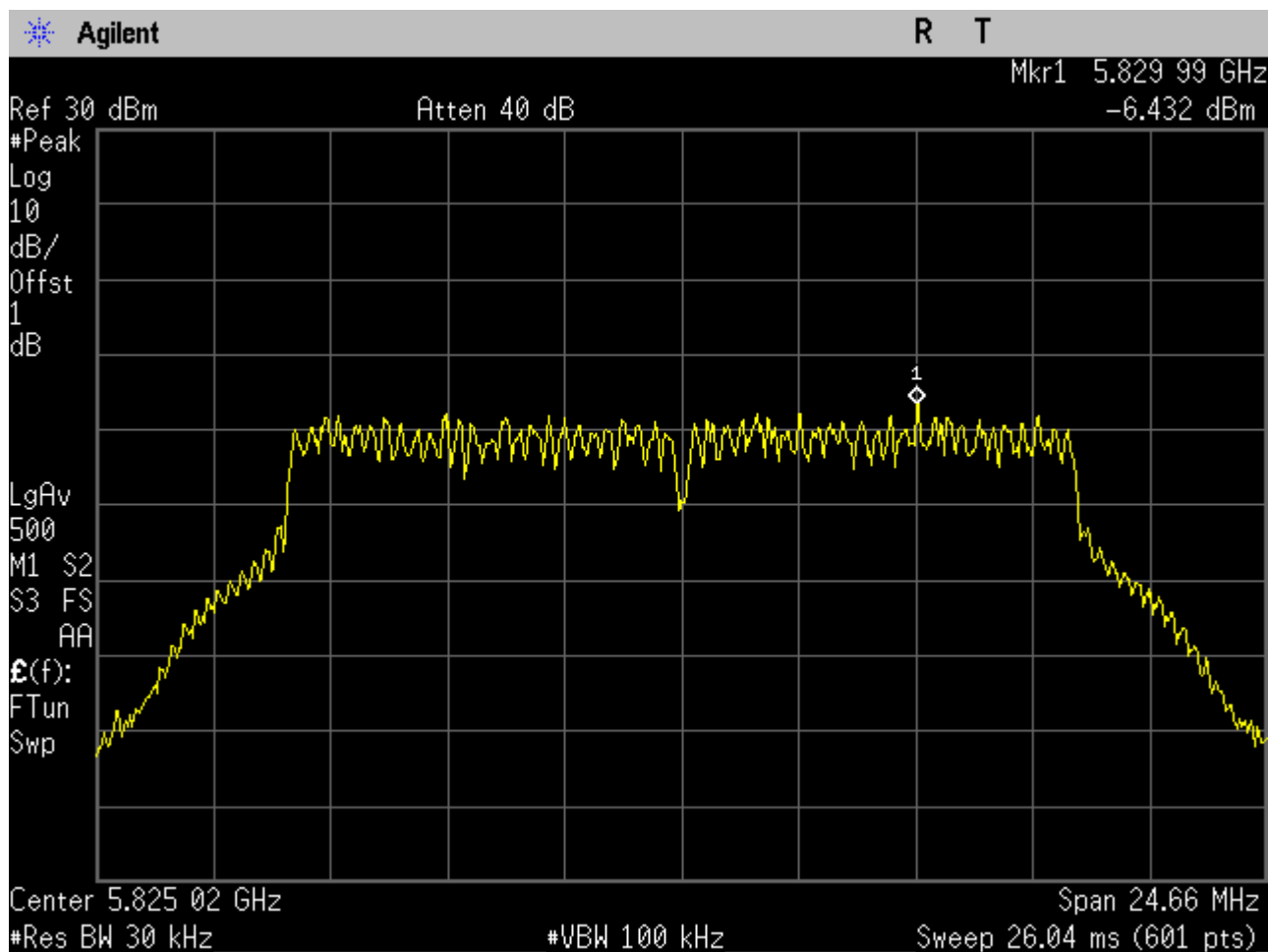




2.5511A_165 Ant 1

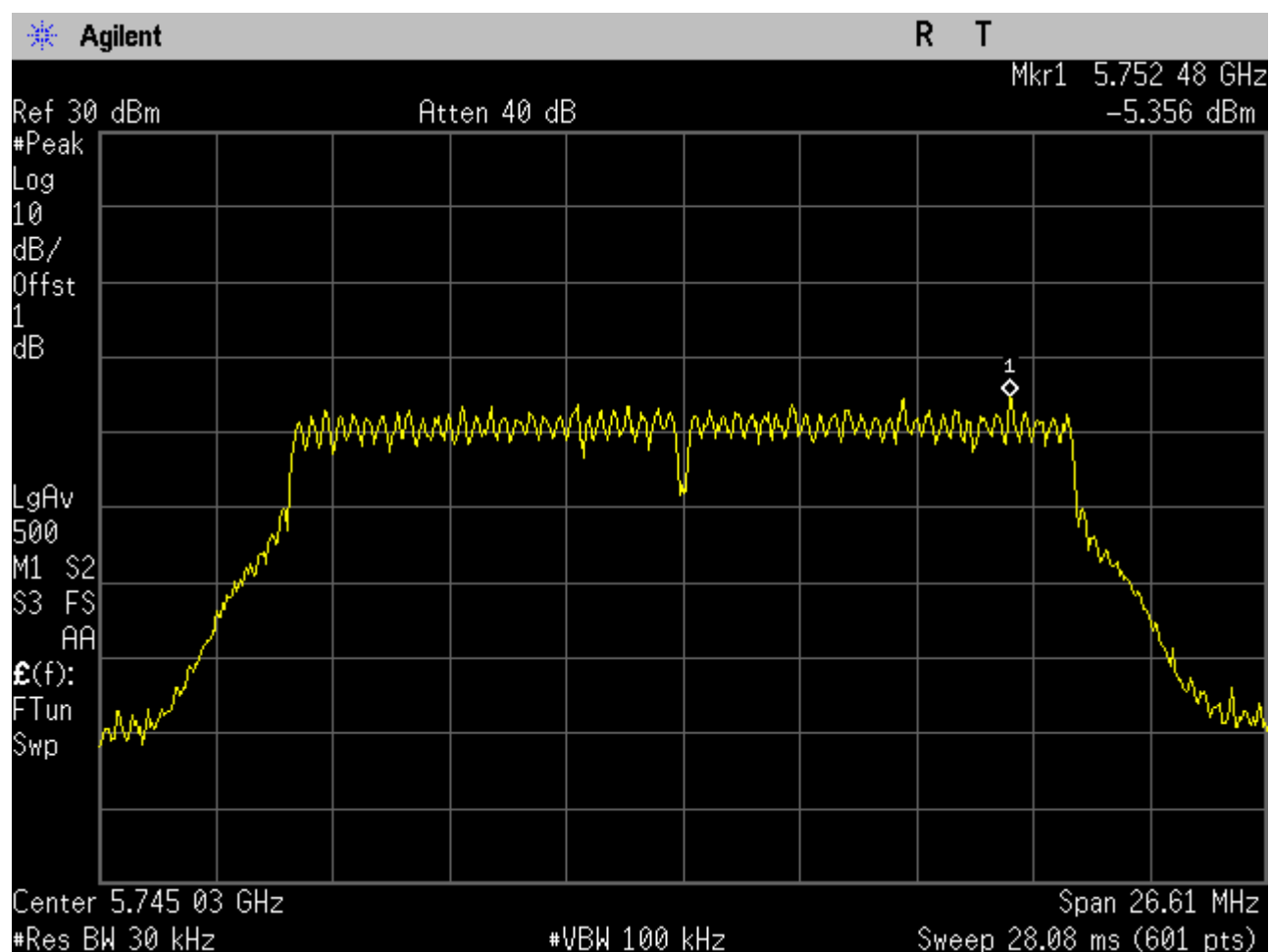


2.5611A_165 Ant 2

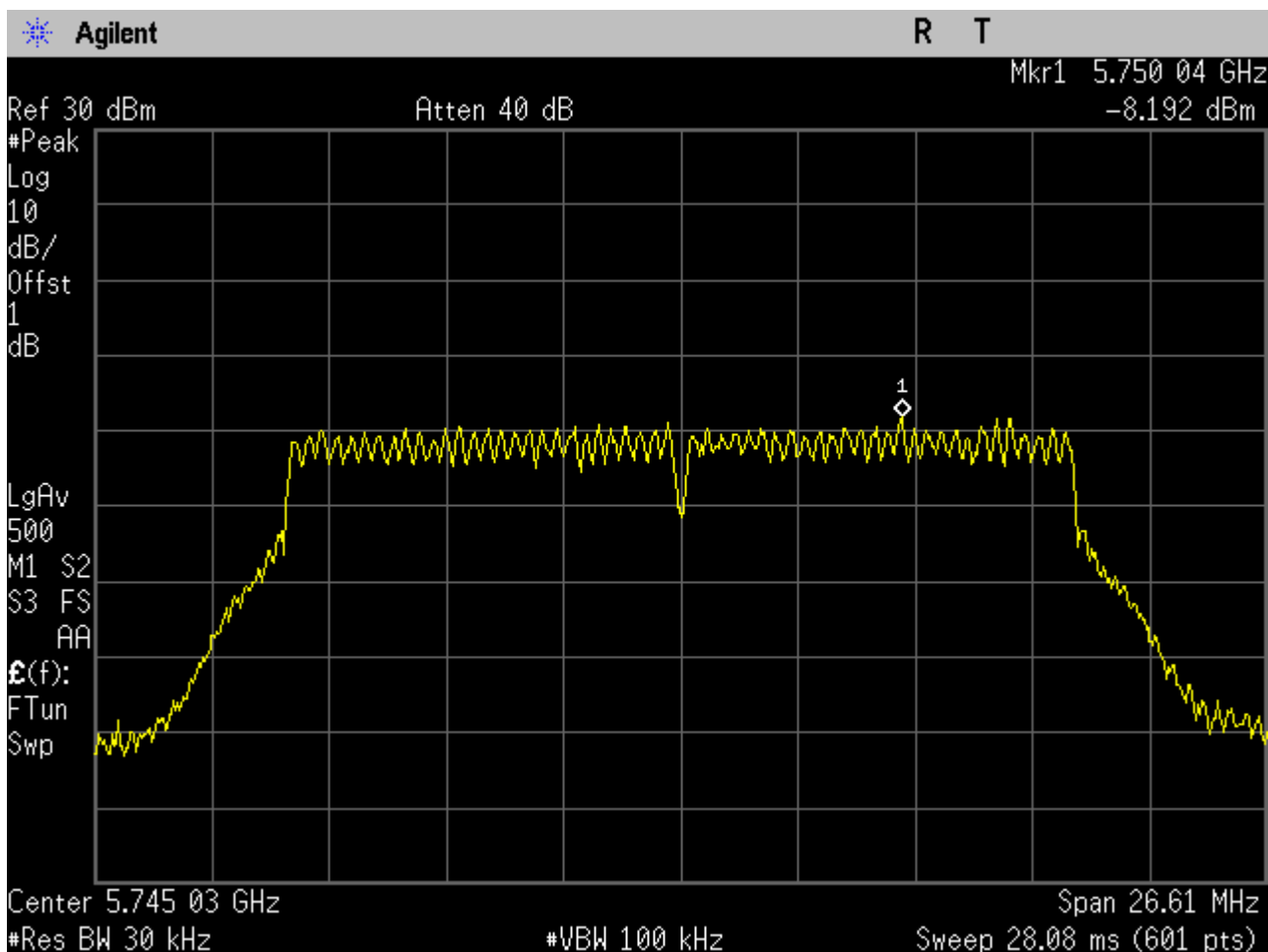




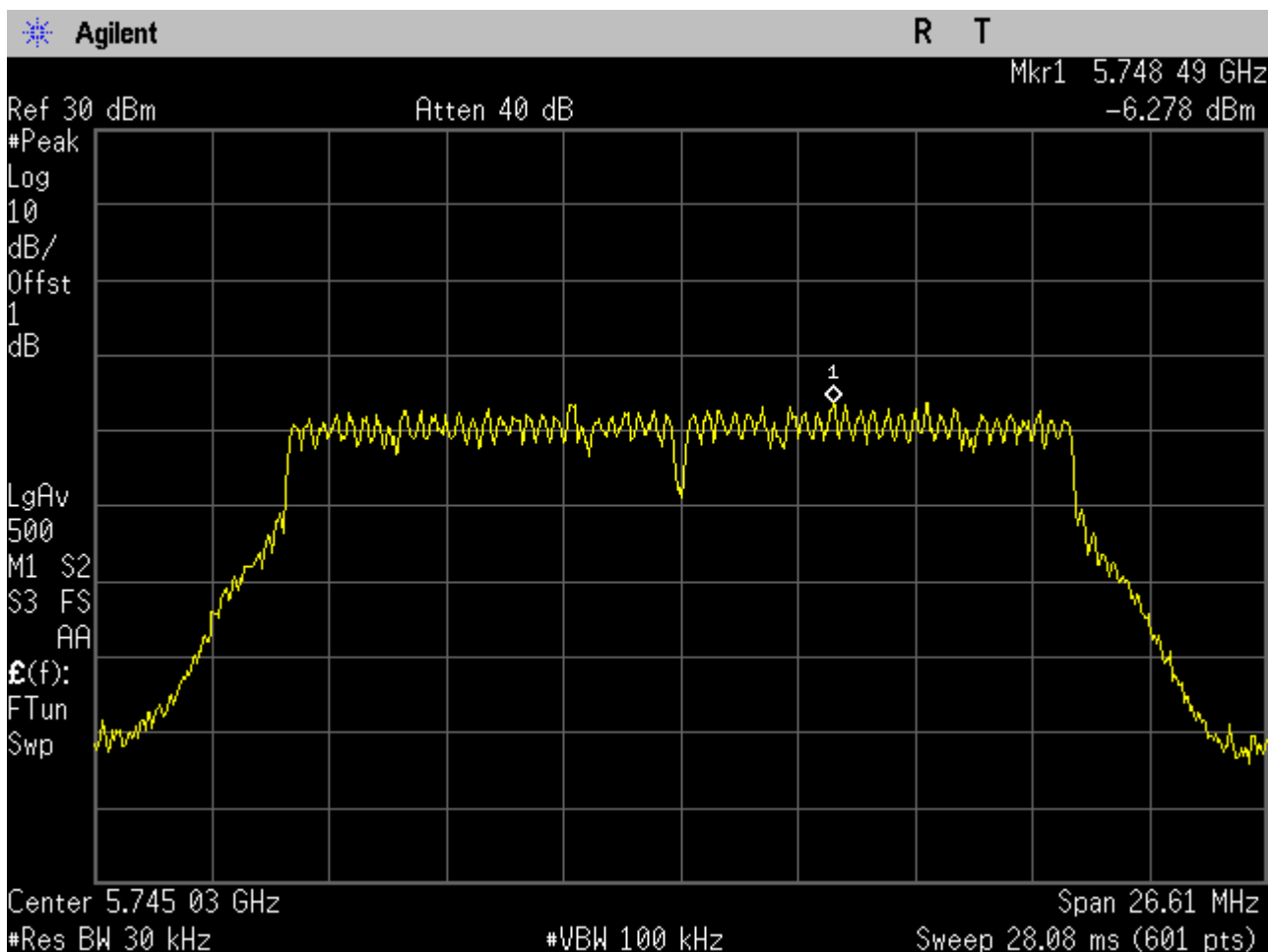
2.5711N20_149 Ant 1



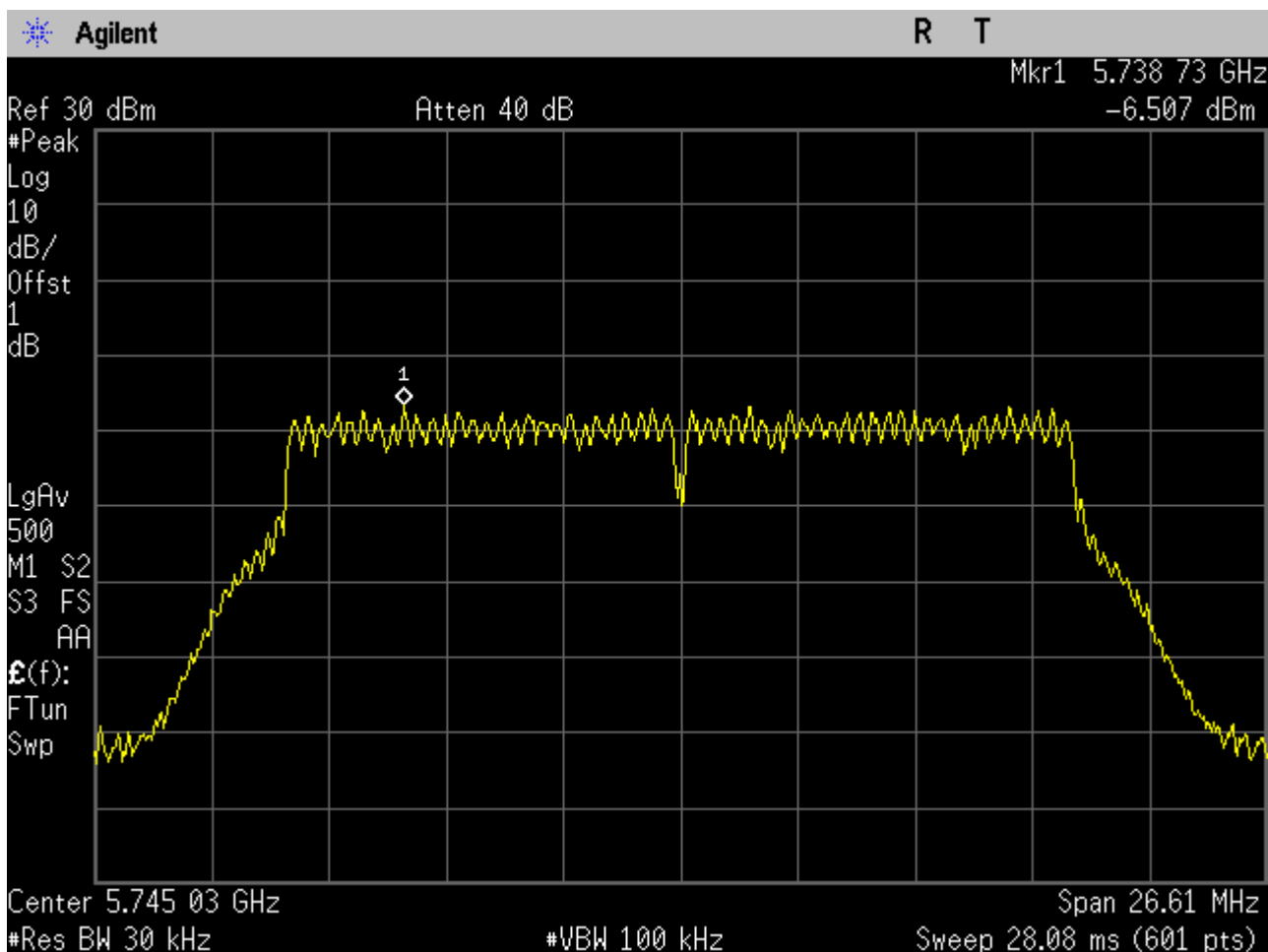
2.5811N20_149 Ant 2



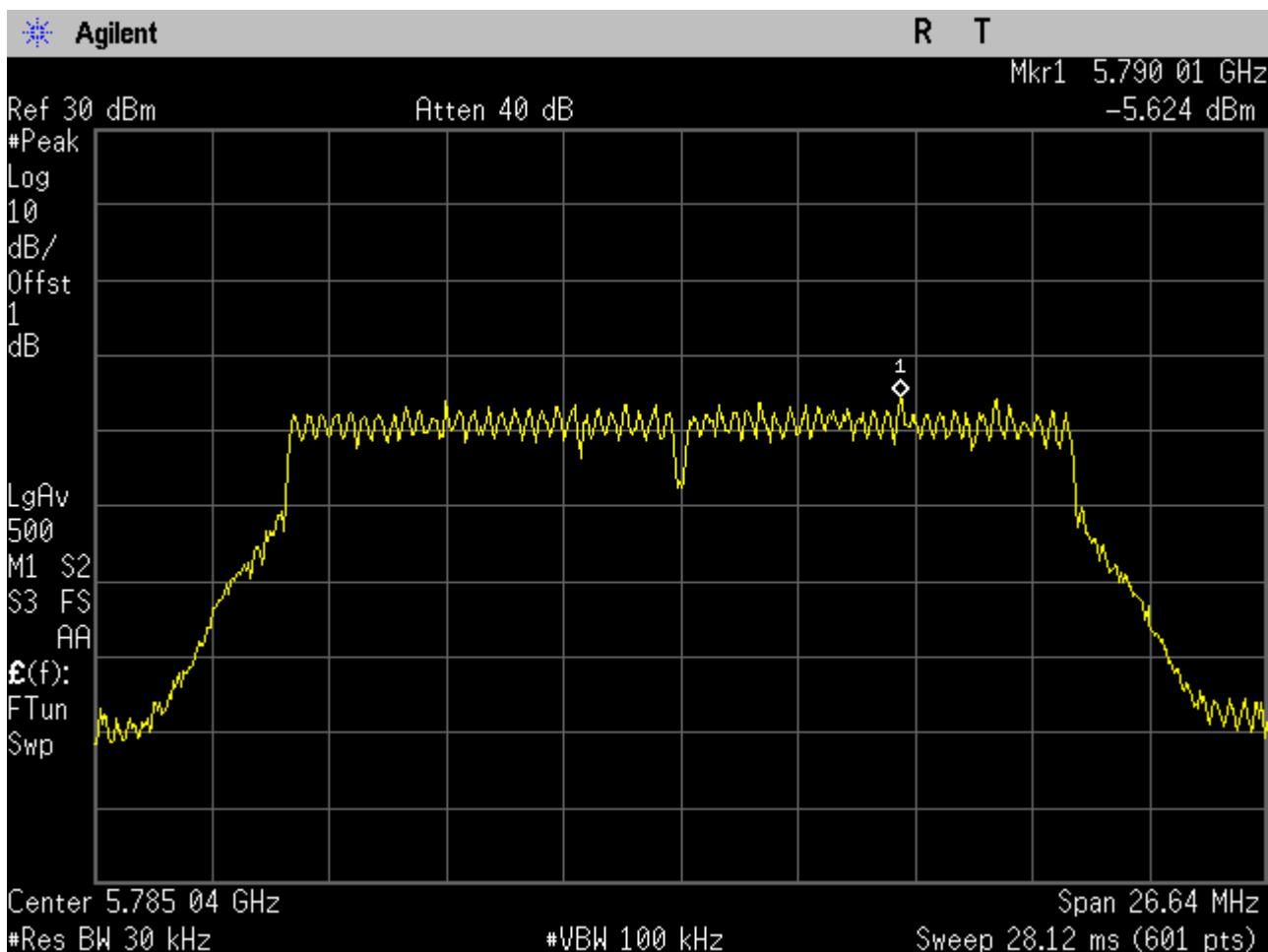
2.5911N20M_149 Ant 1



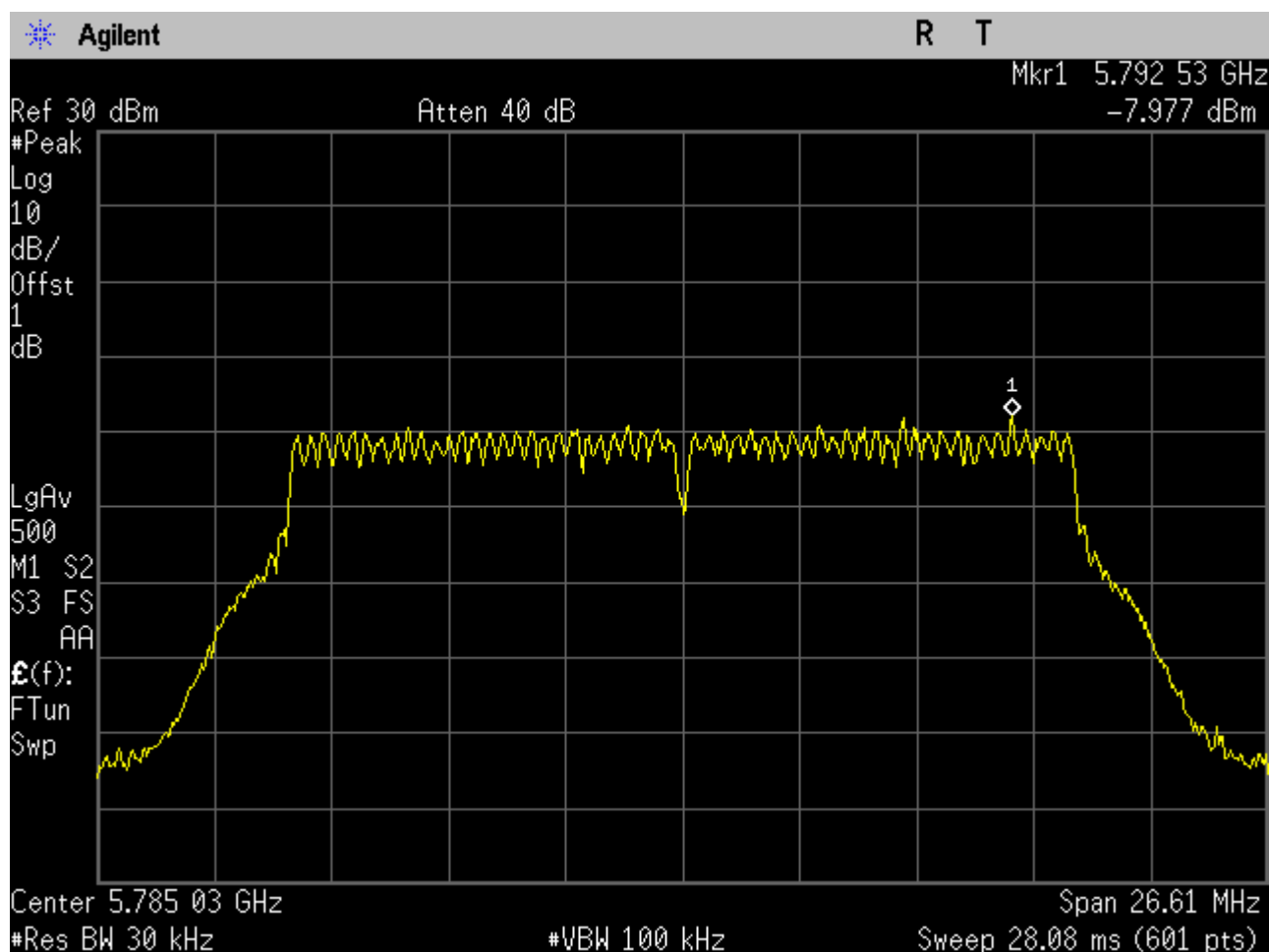
2.60 11N20M_149 Ant 2



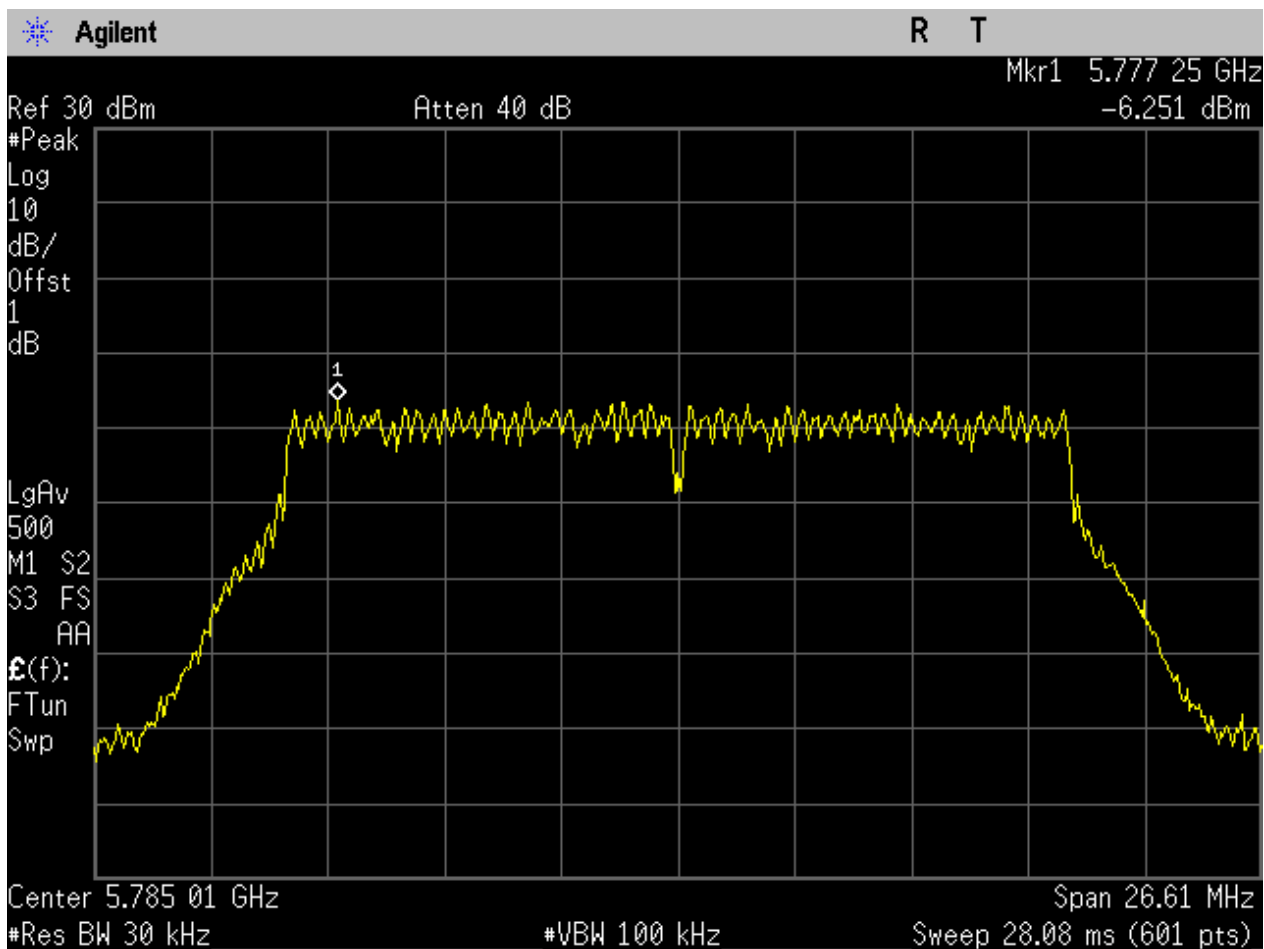
2.61 11N20_157 Ant 1



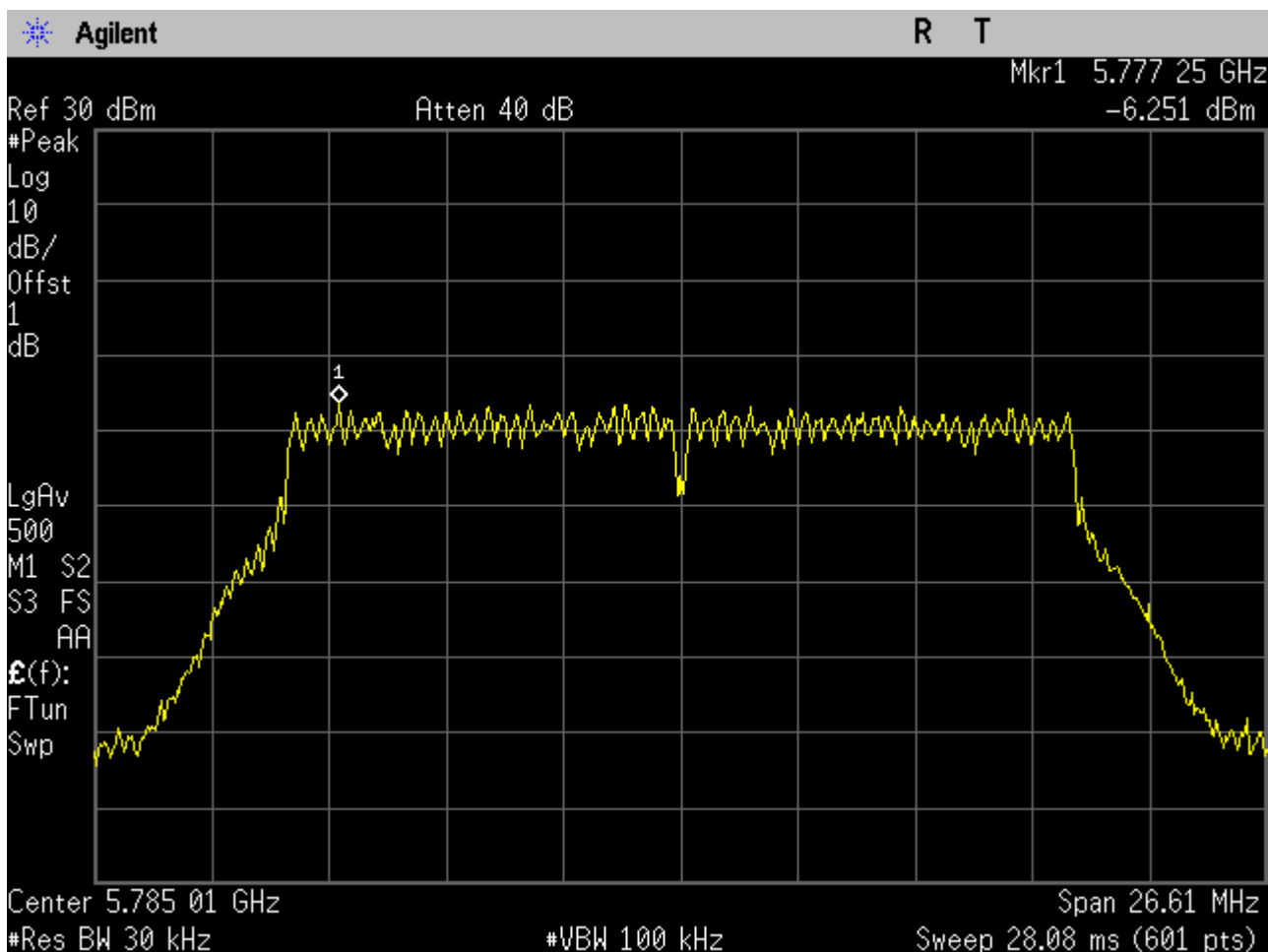
2.62 11N20_157 Ant 2



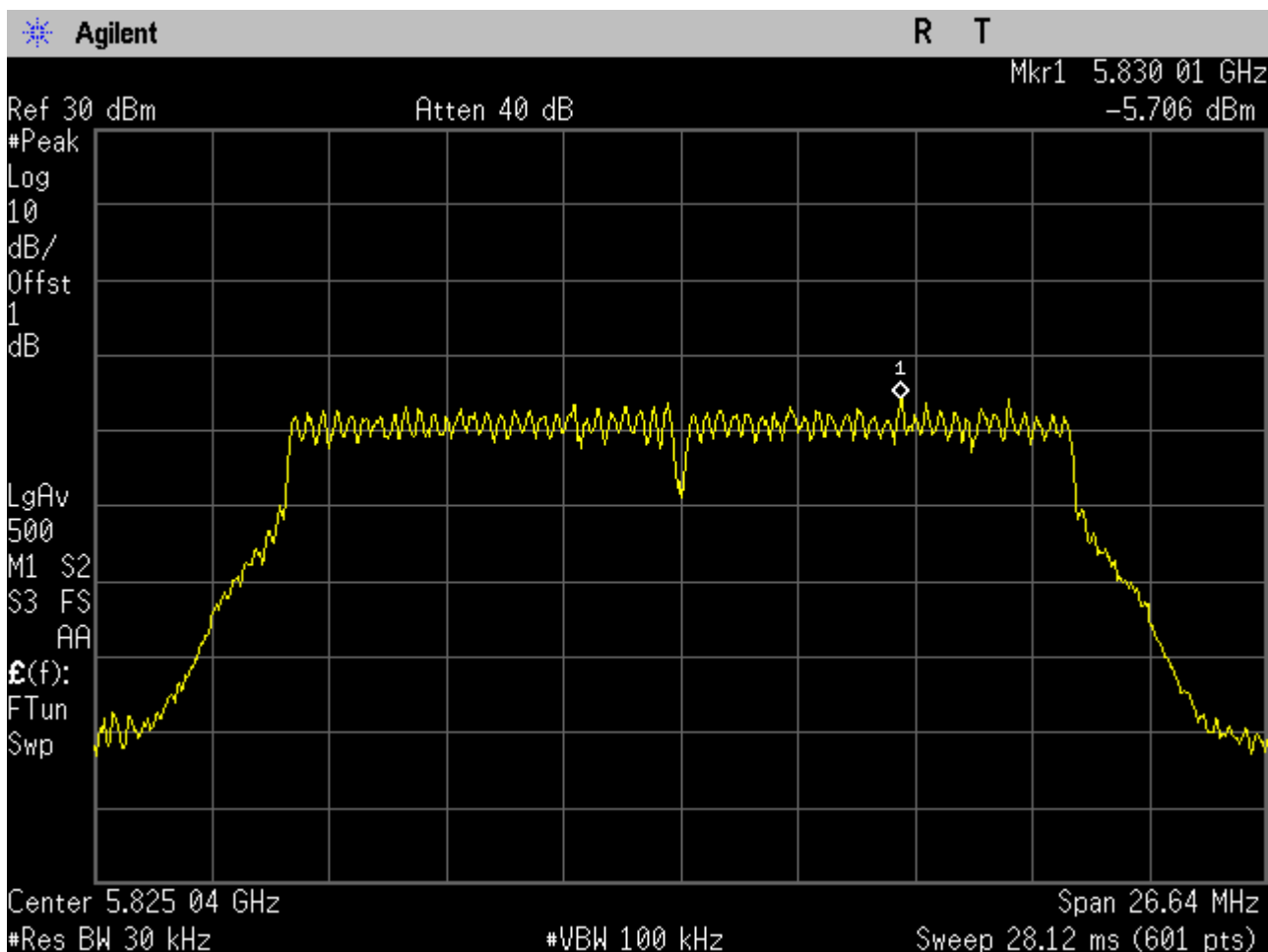
2.63 11N20M_157 Ant 1



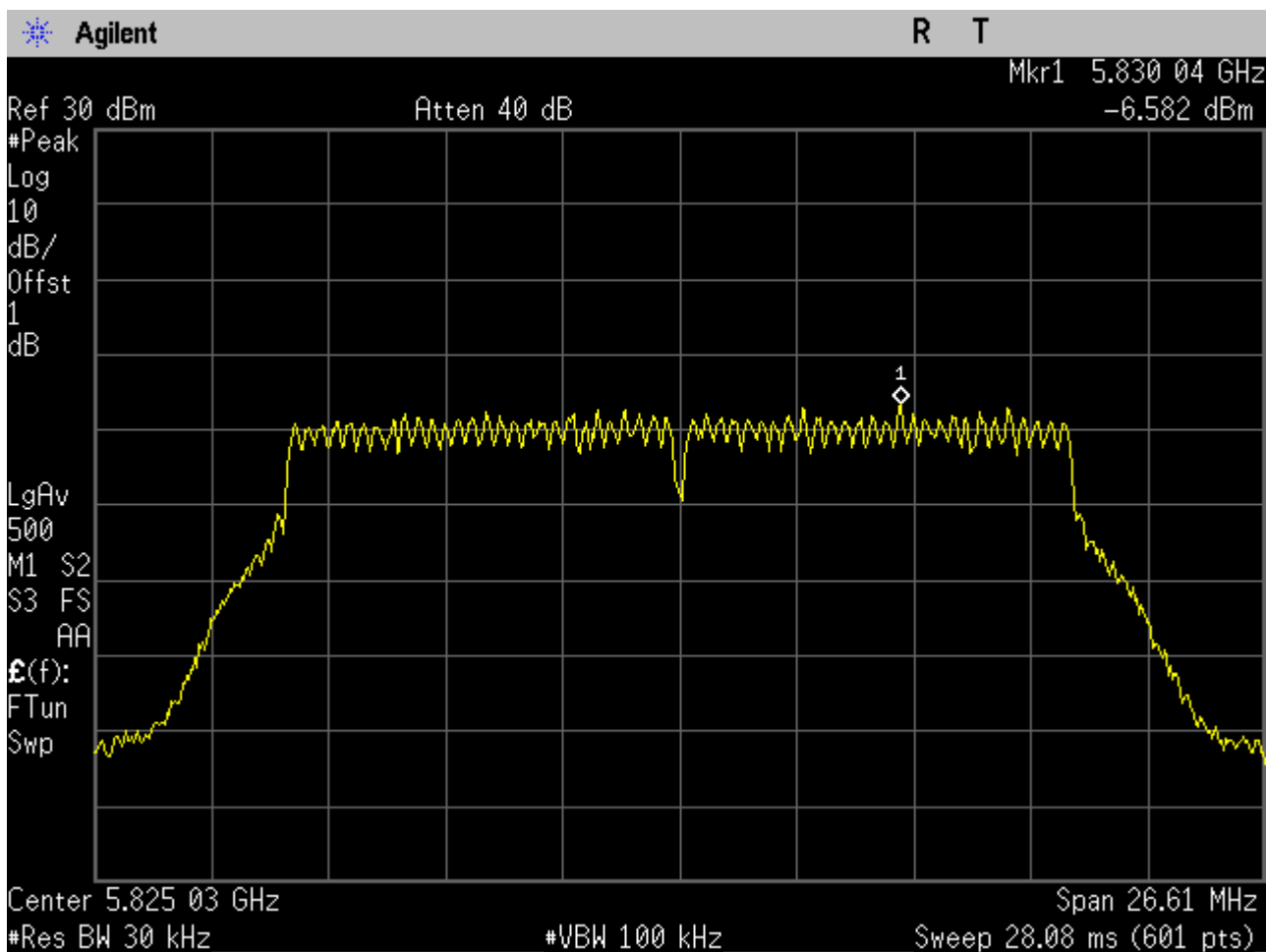
2.64 11N20M_157 Ant 2



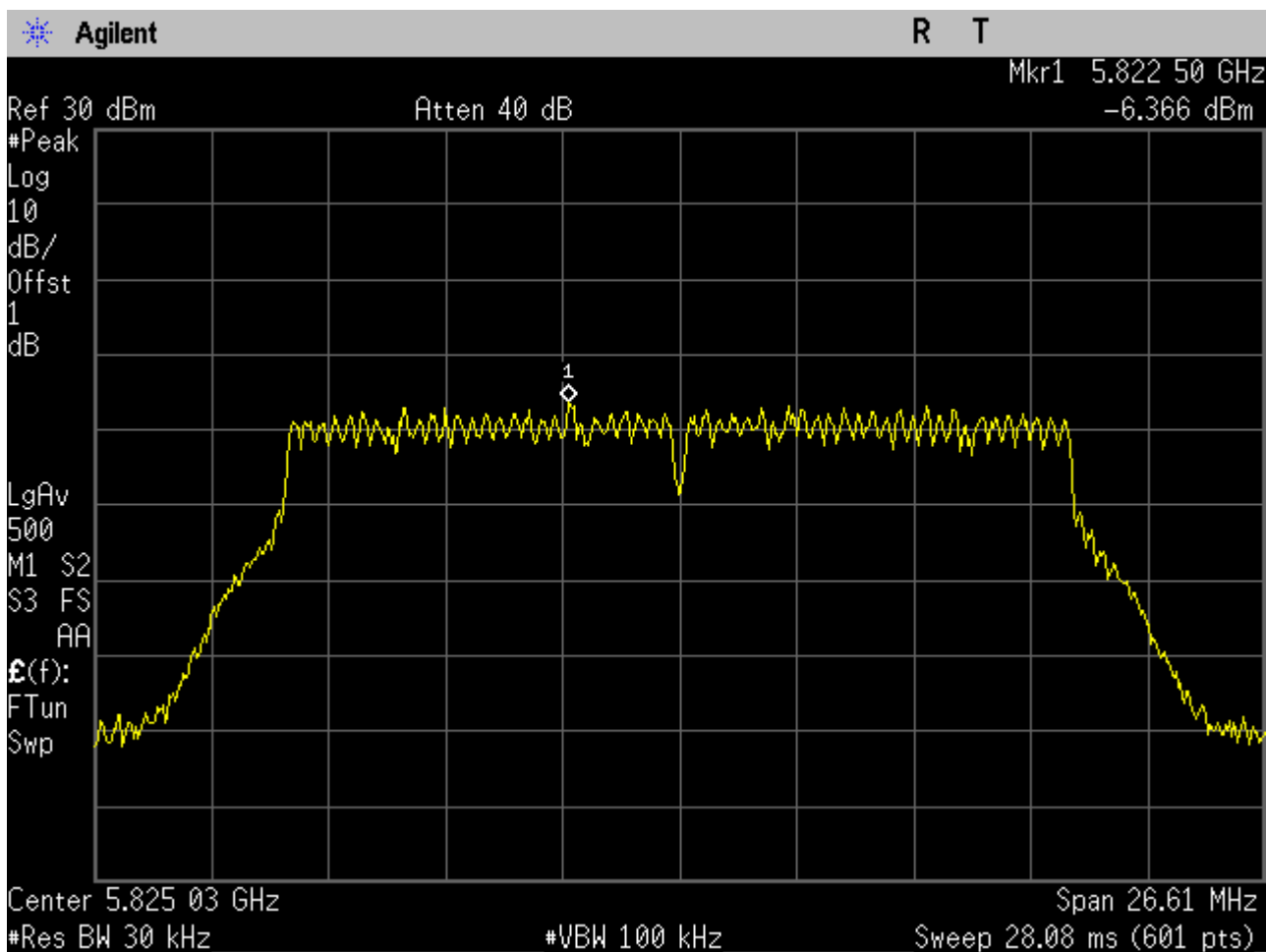
2.65 11N20_165 Ant 1



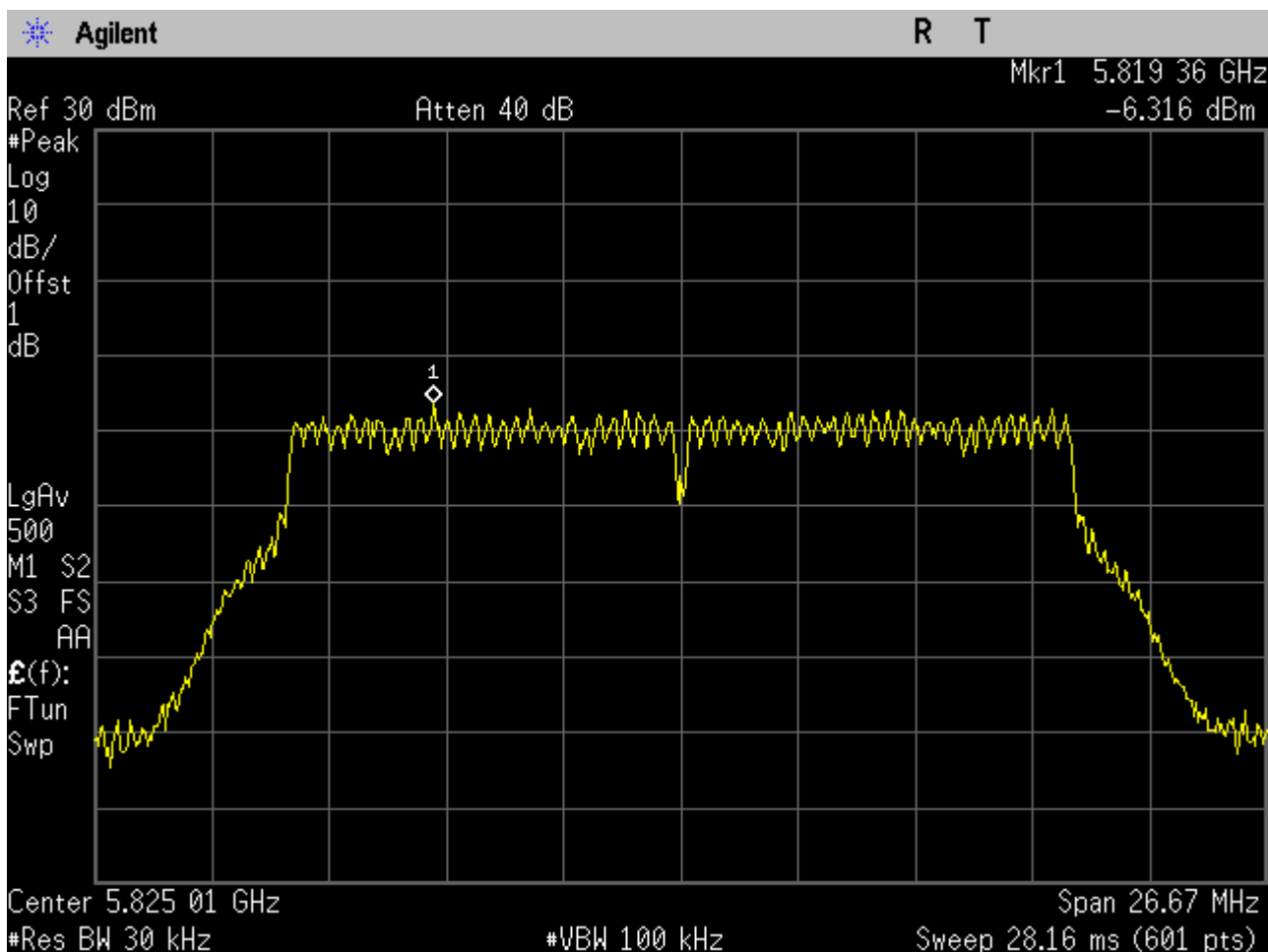
2.66 11N20_165 Ant 2



2.67 11N20M_165 Ant 1

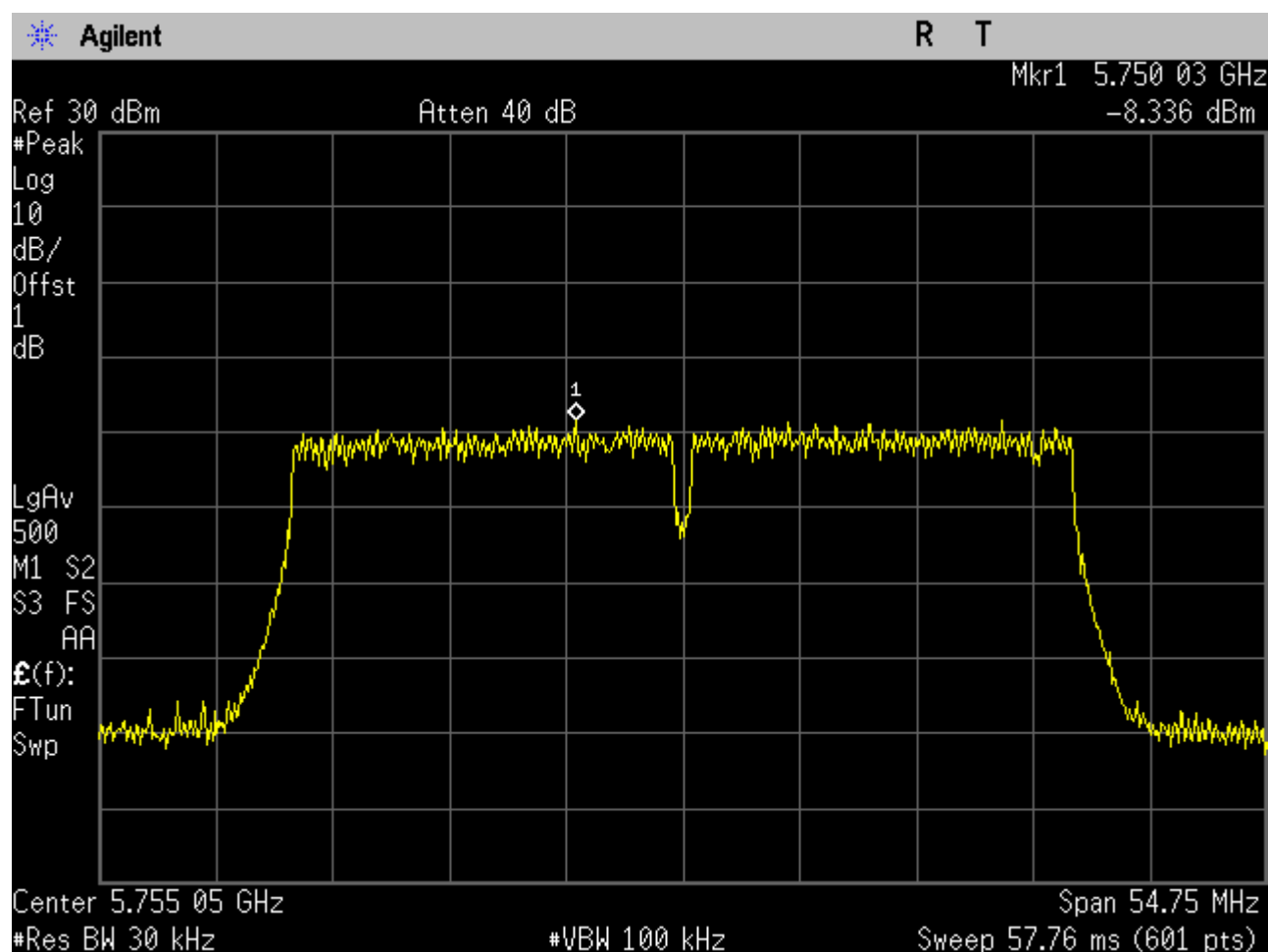


2.68 11N20M_165 Ant 2

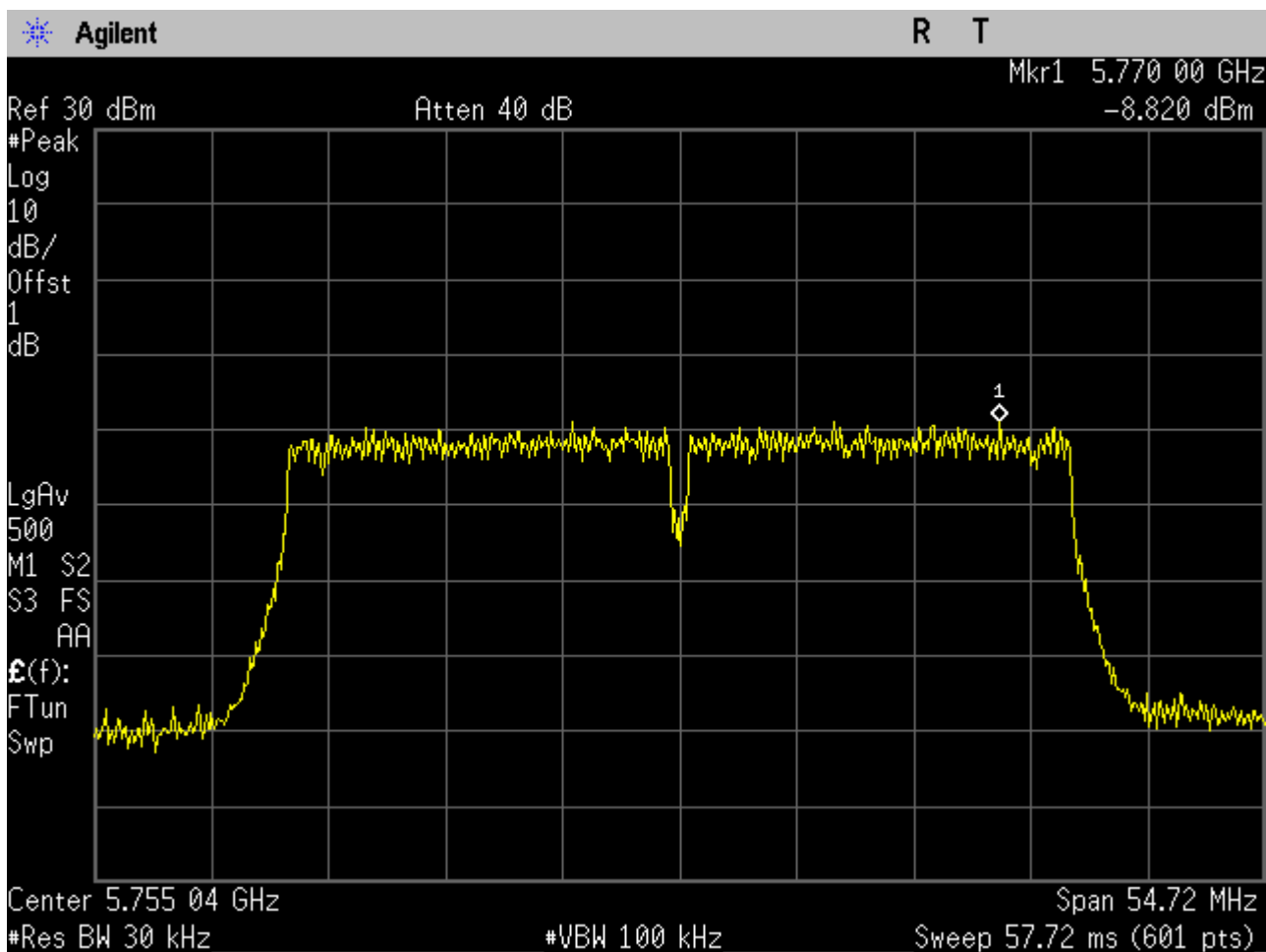




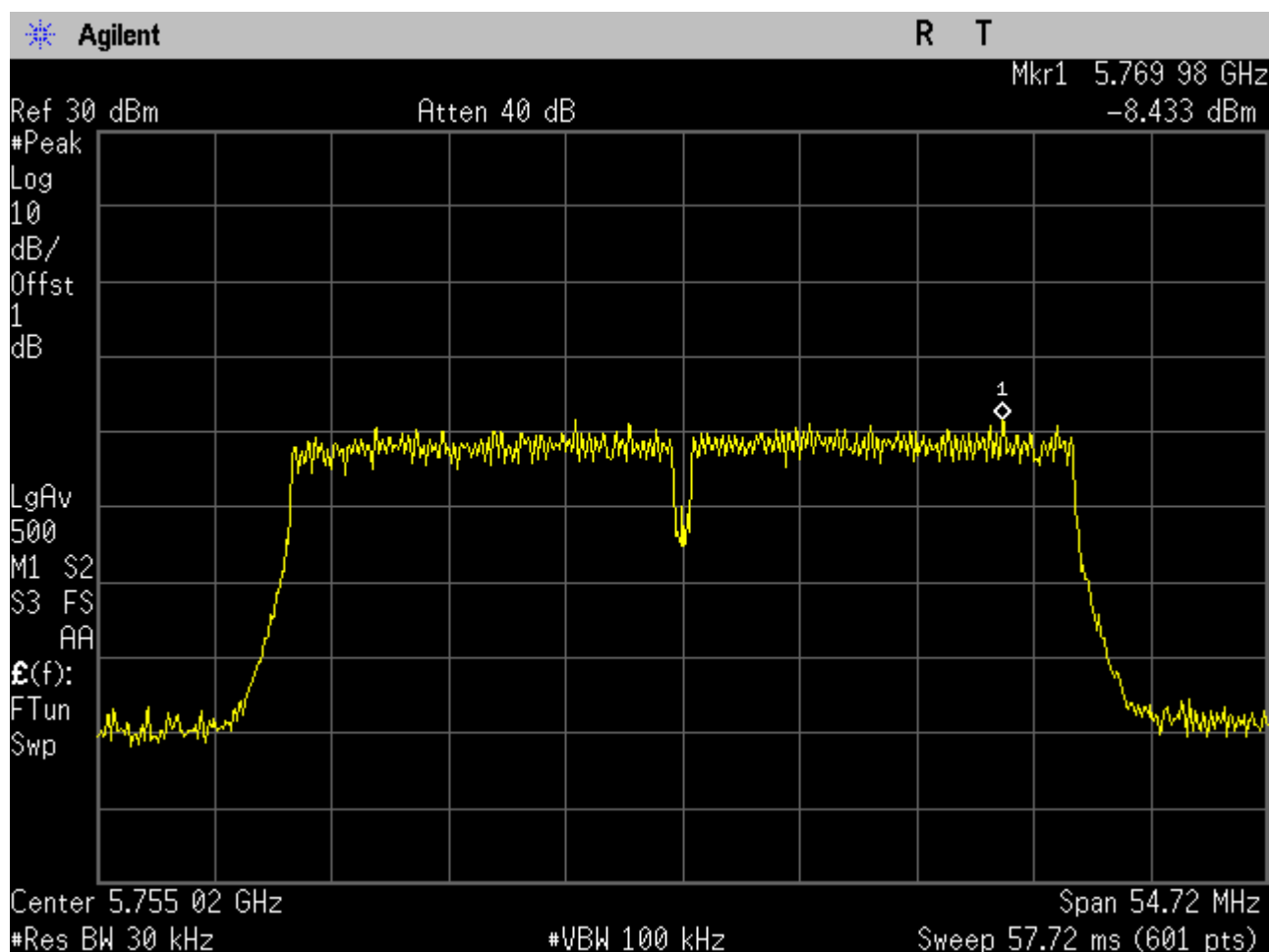
2.69 11N40_151 Ant 1



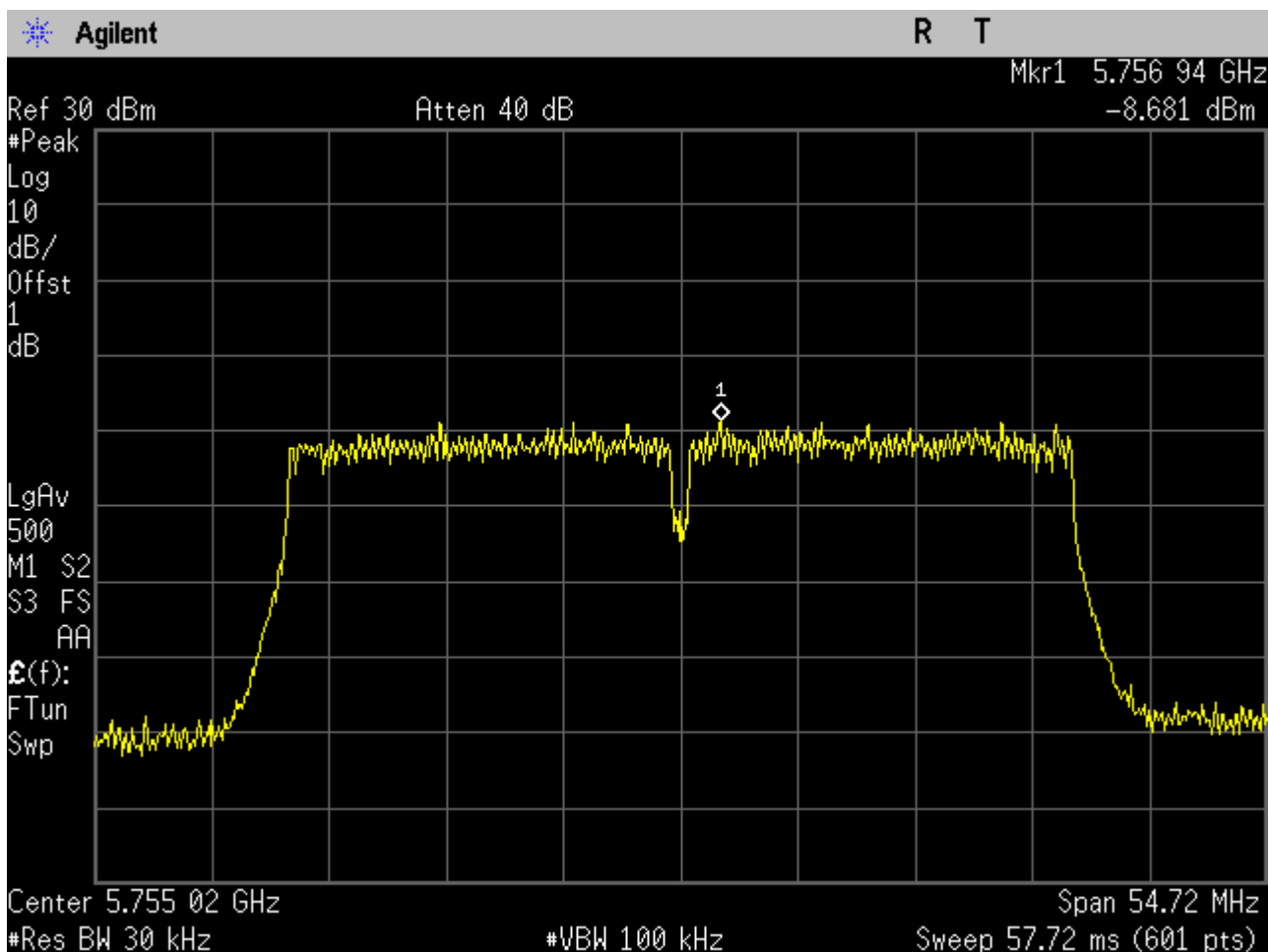
2.70 11N40_151 Ant 2



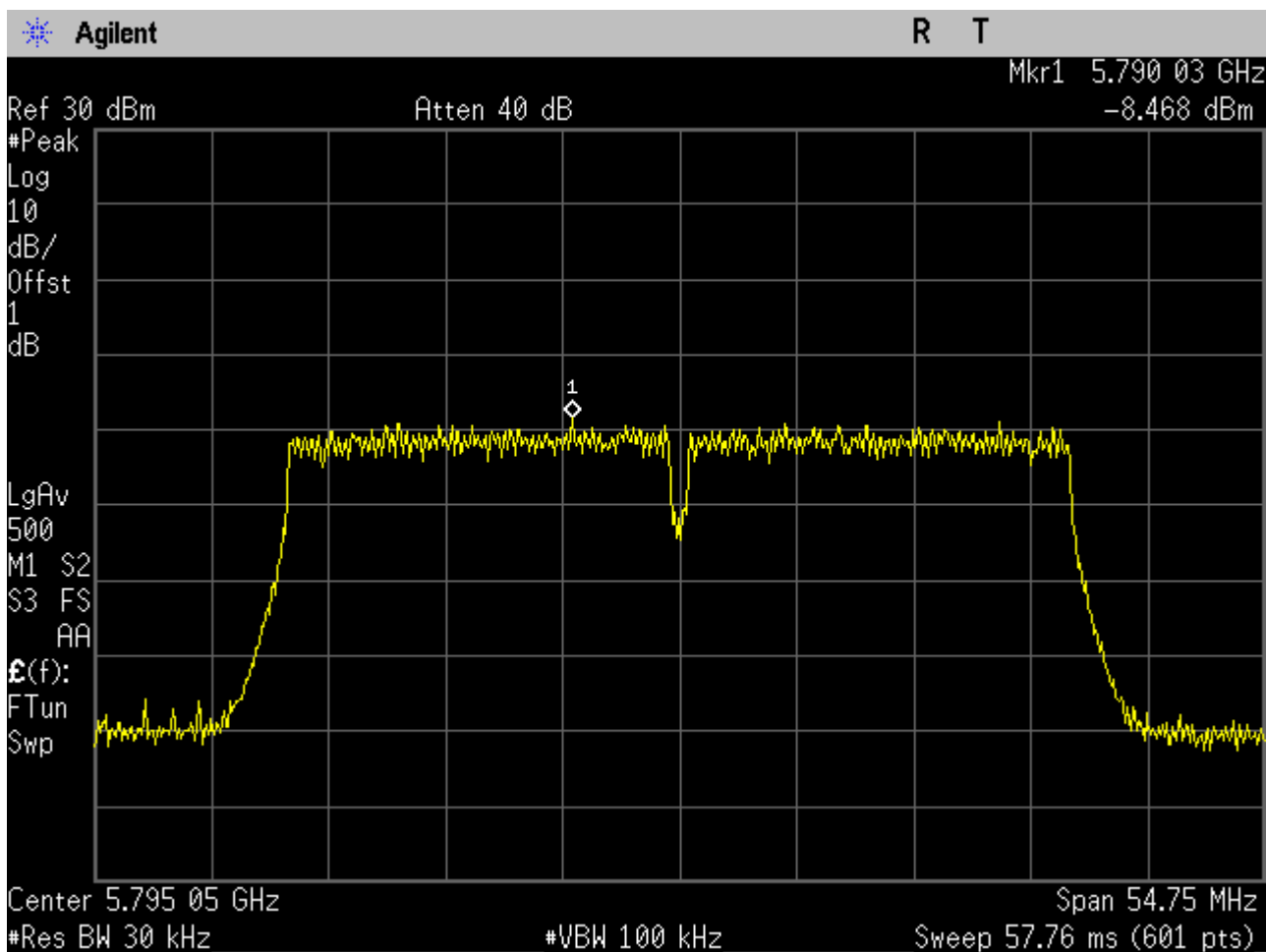
2.71 11N40M_151 Ant 1



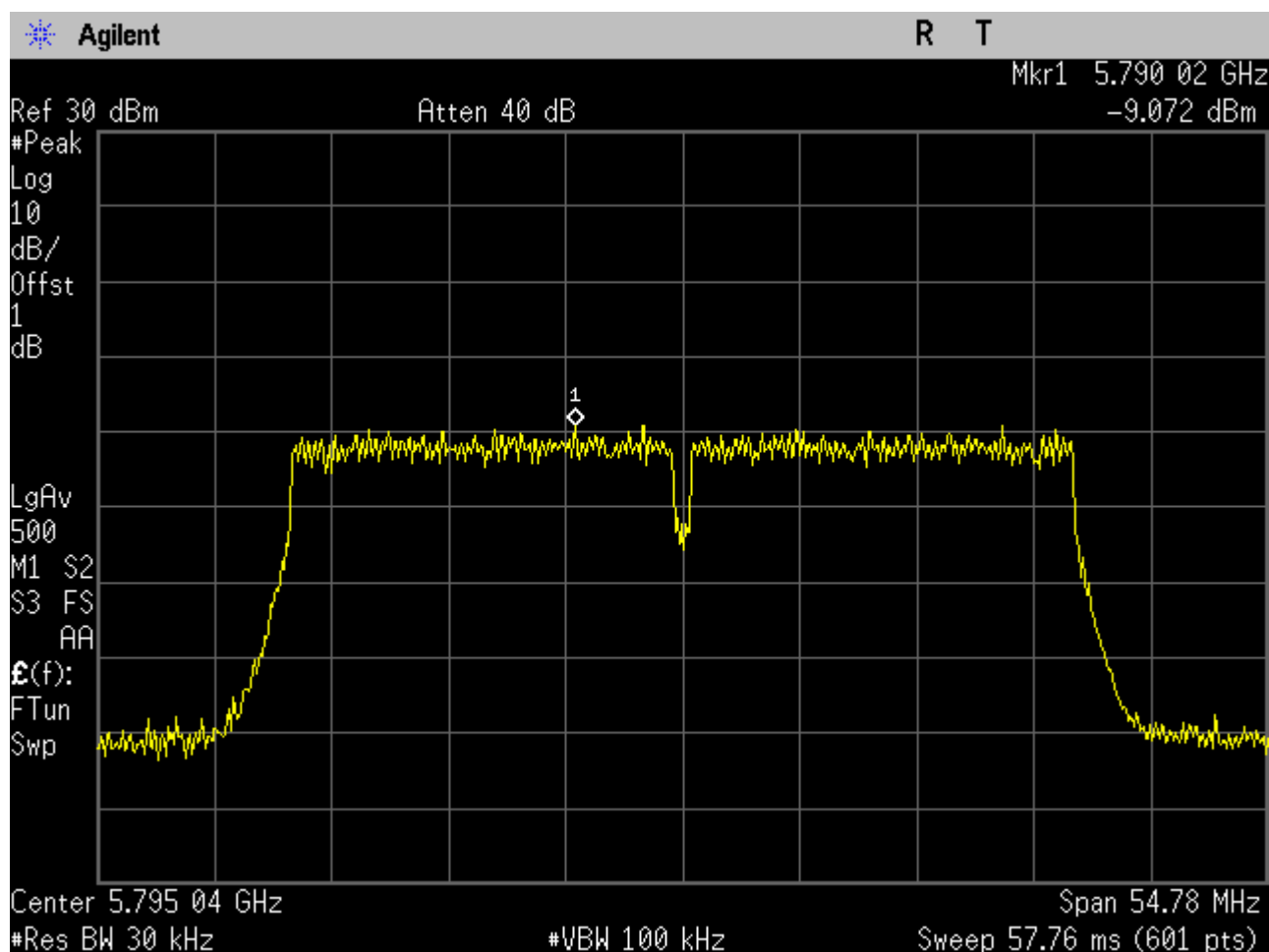
2.72 11N40M_151 Ant 2



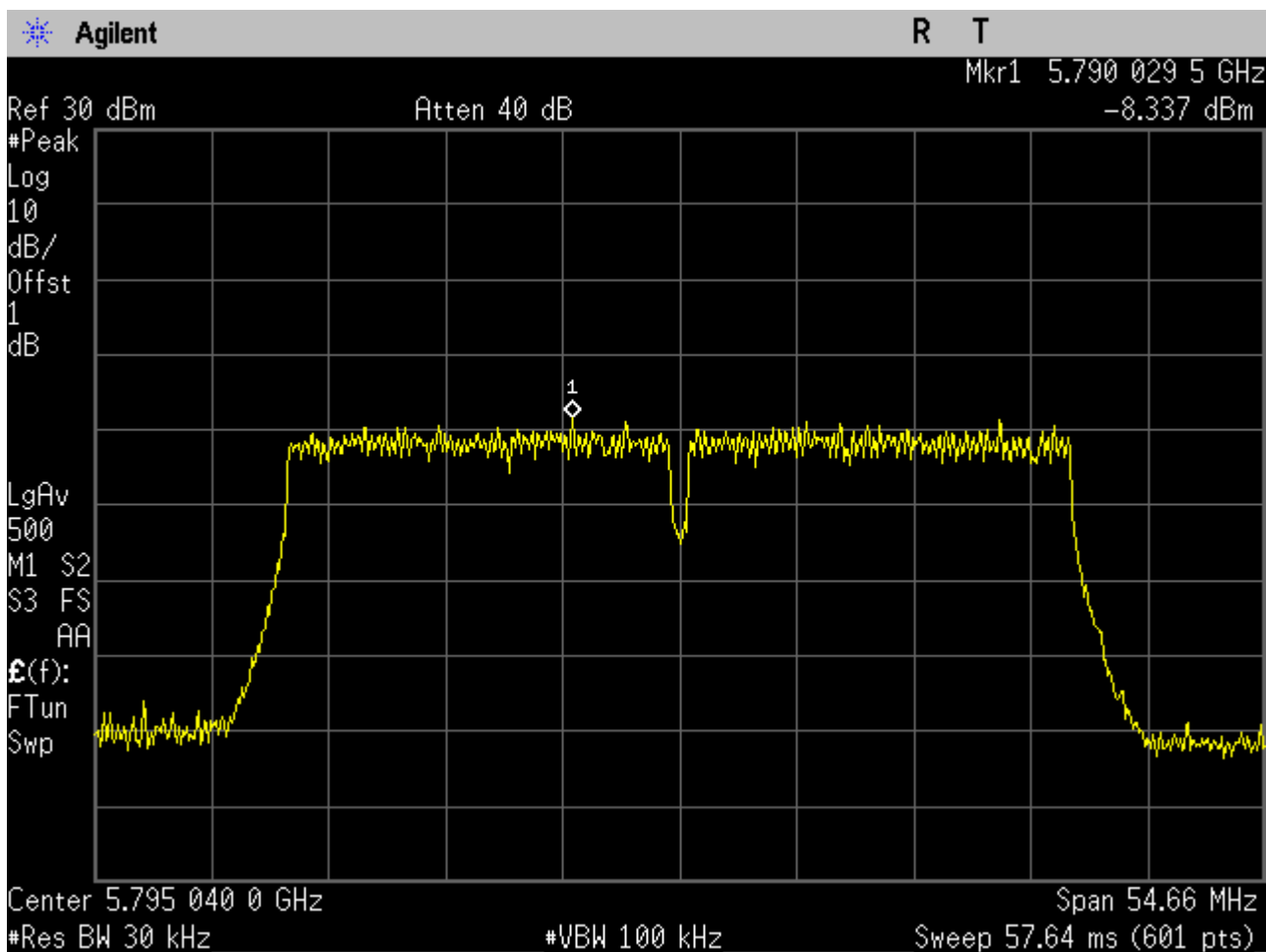
2.73 11N40_159 Ant 1



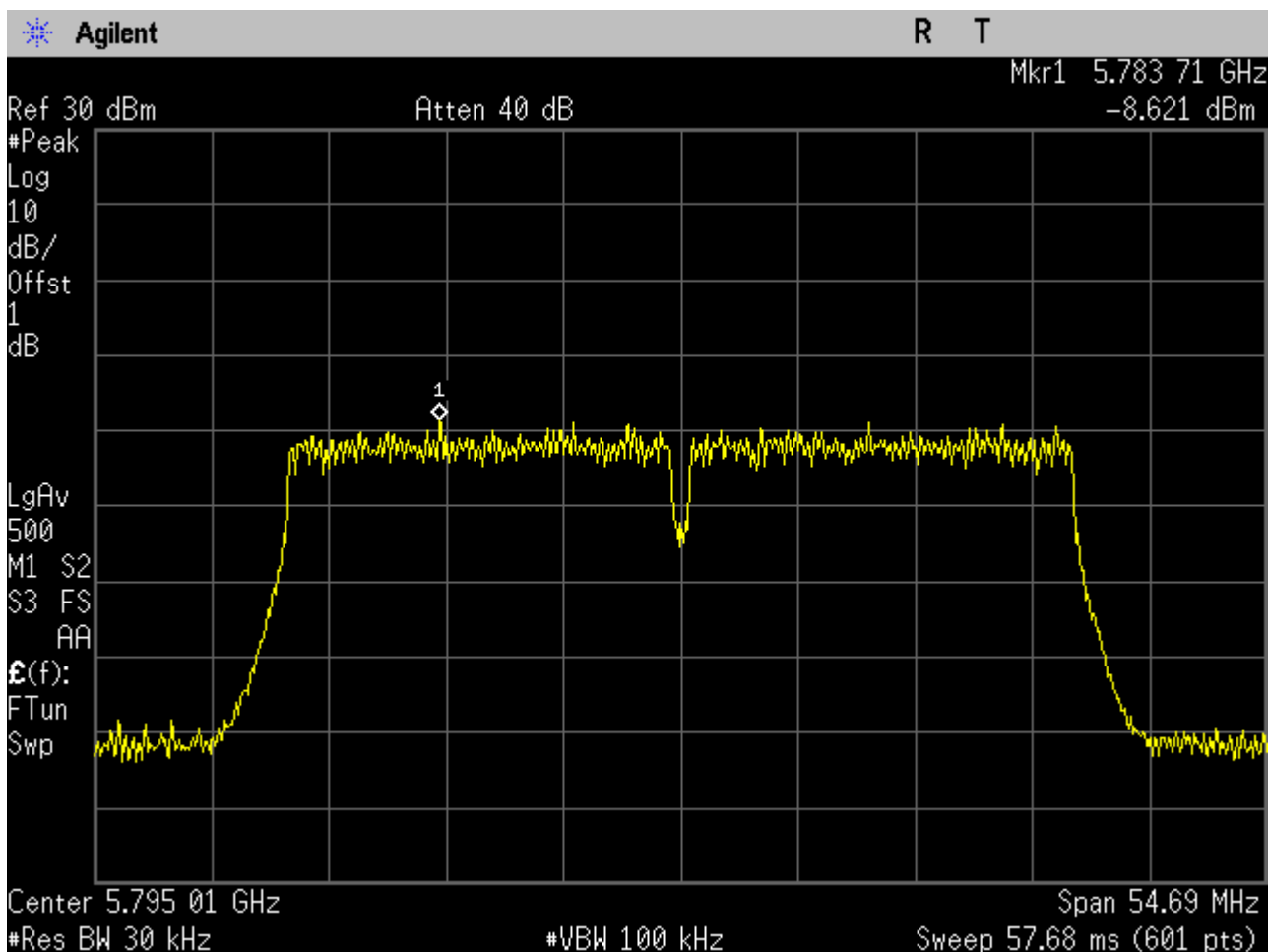
2.74 11N40_159 Ant 2



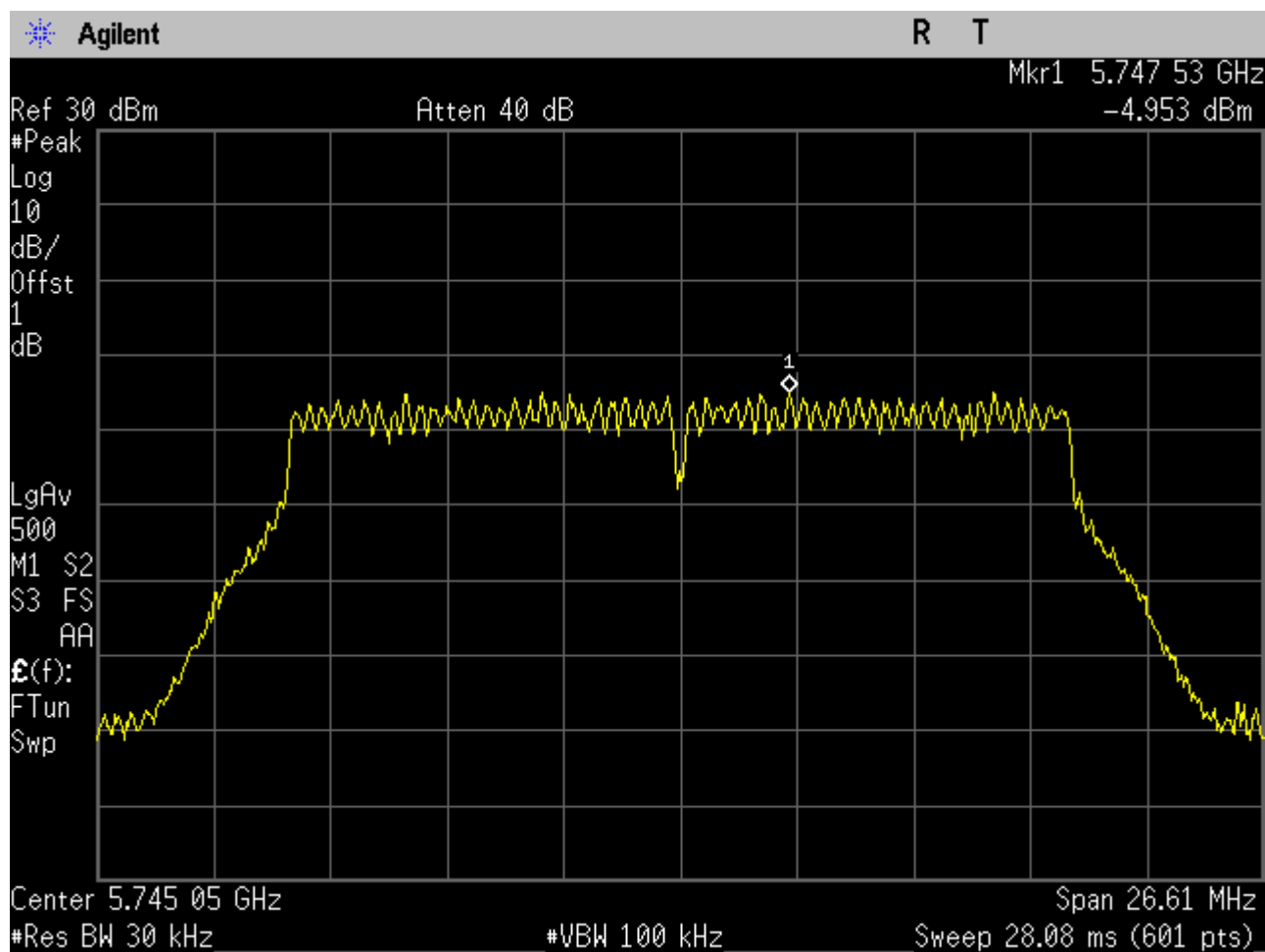
2.75 11N40M_159 Ant 1



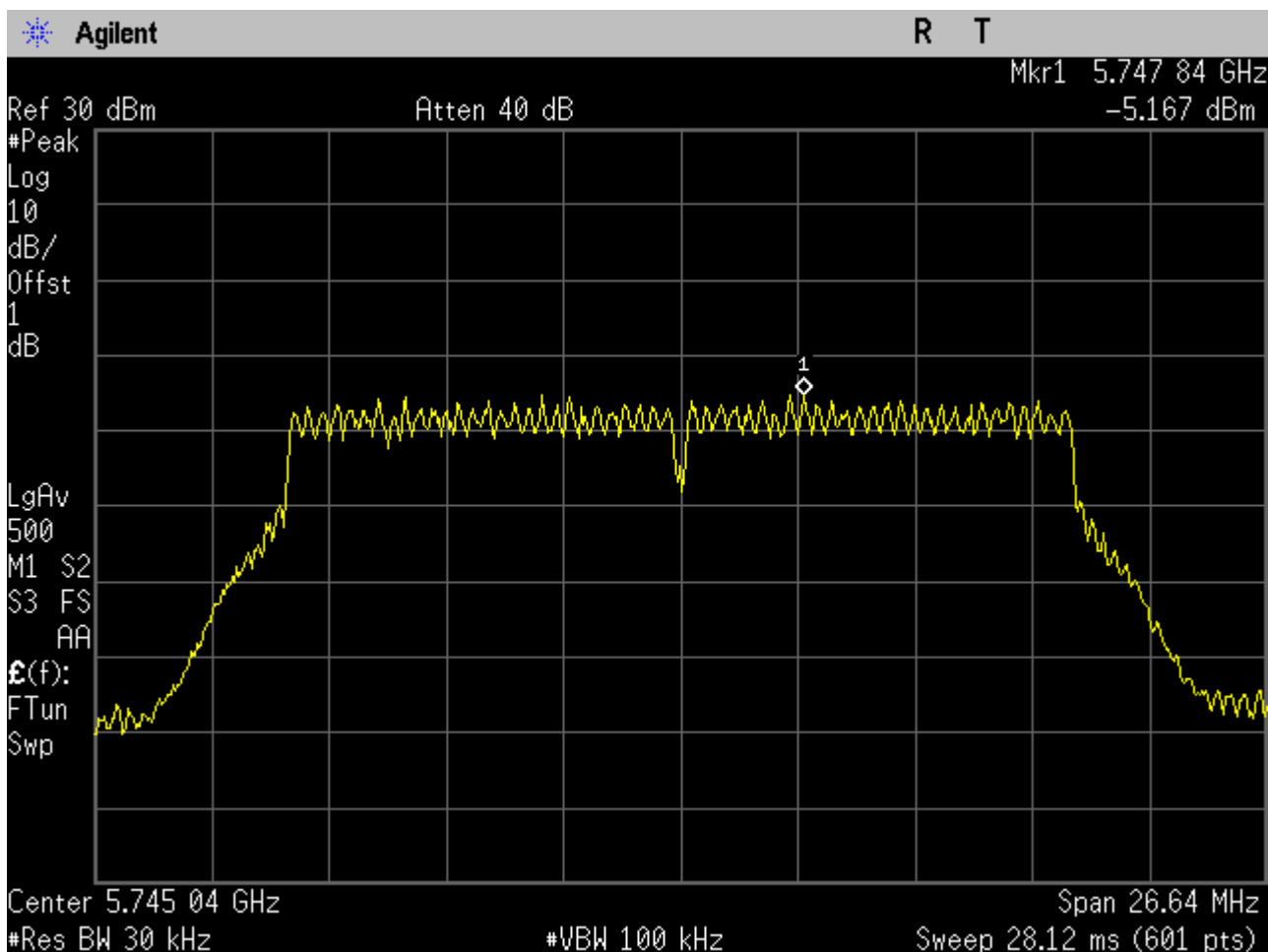
2.76 11N40M_159 Ant 2



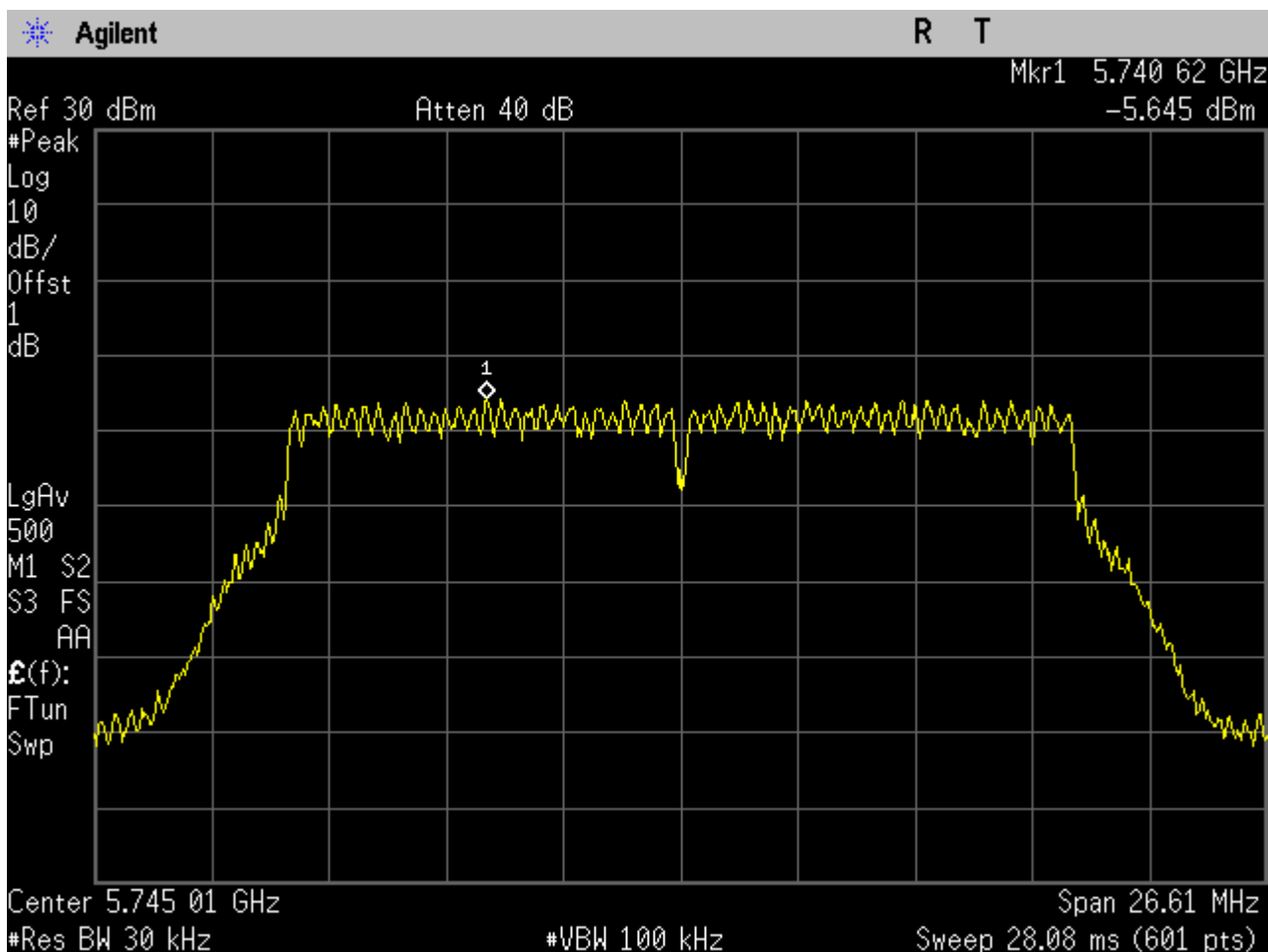
2.77 11AC20_149 Ant 1



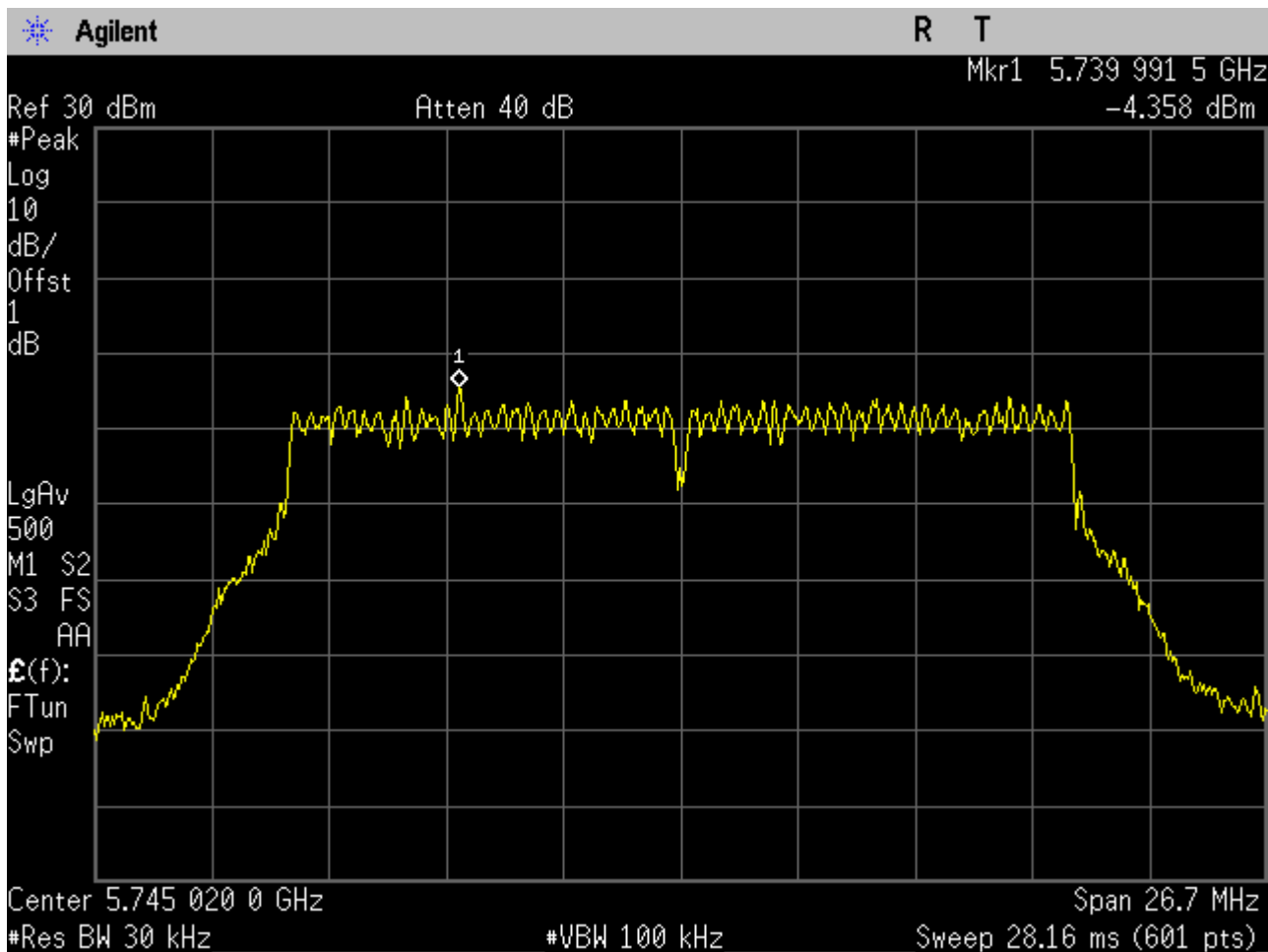
2.78 11AC20_149 Ant 2



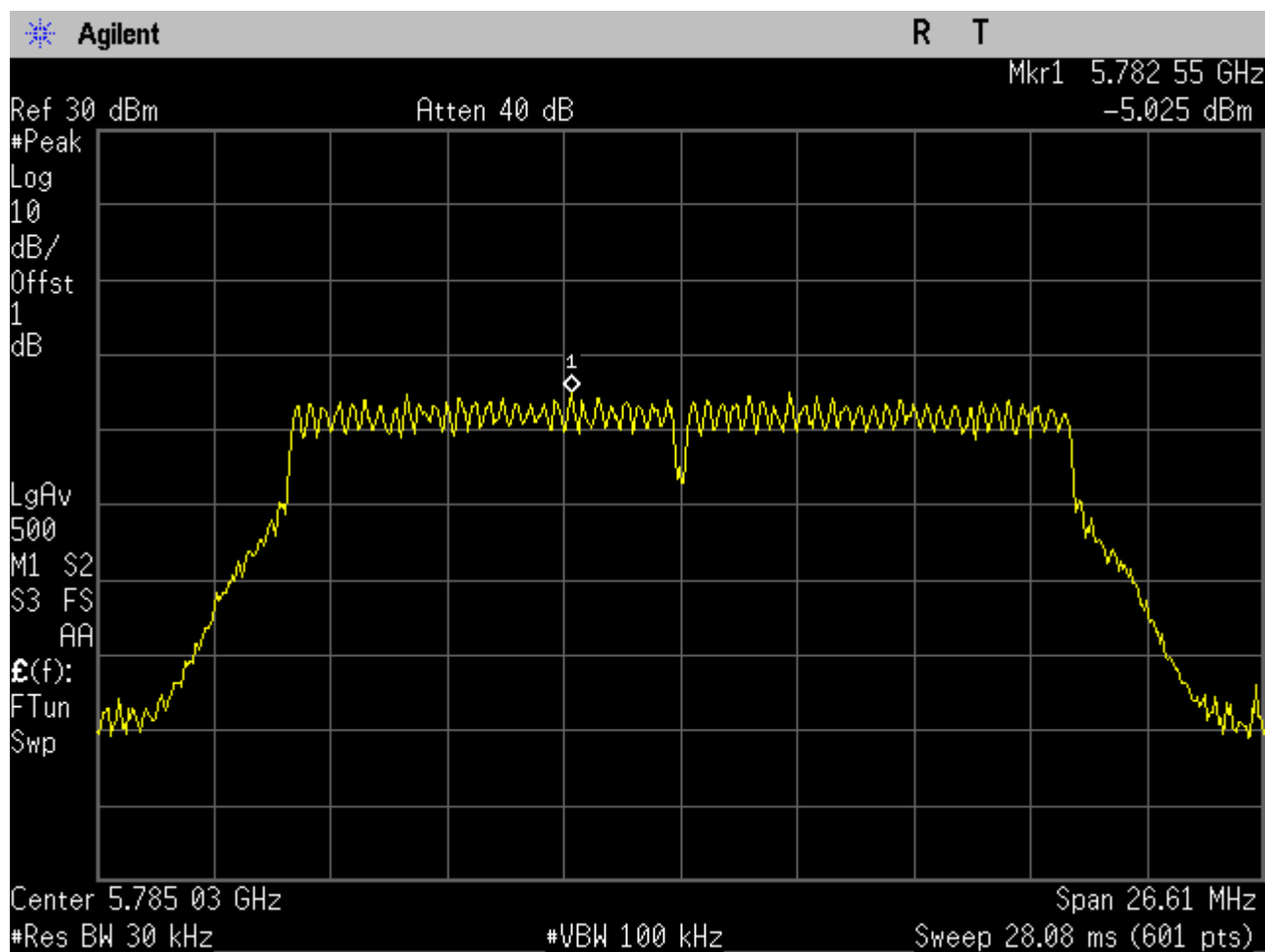
2.79 11AC20M_149 Ant 1



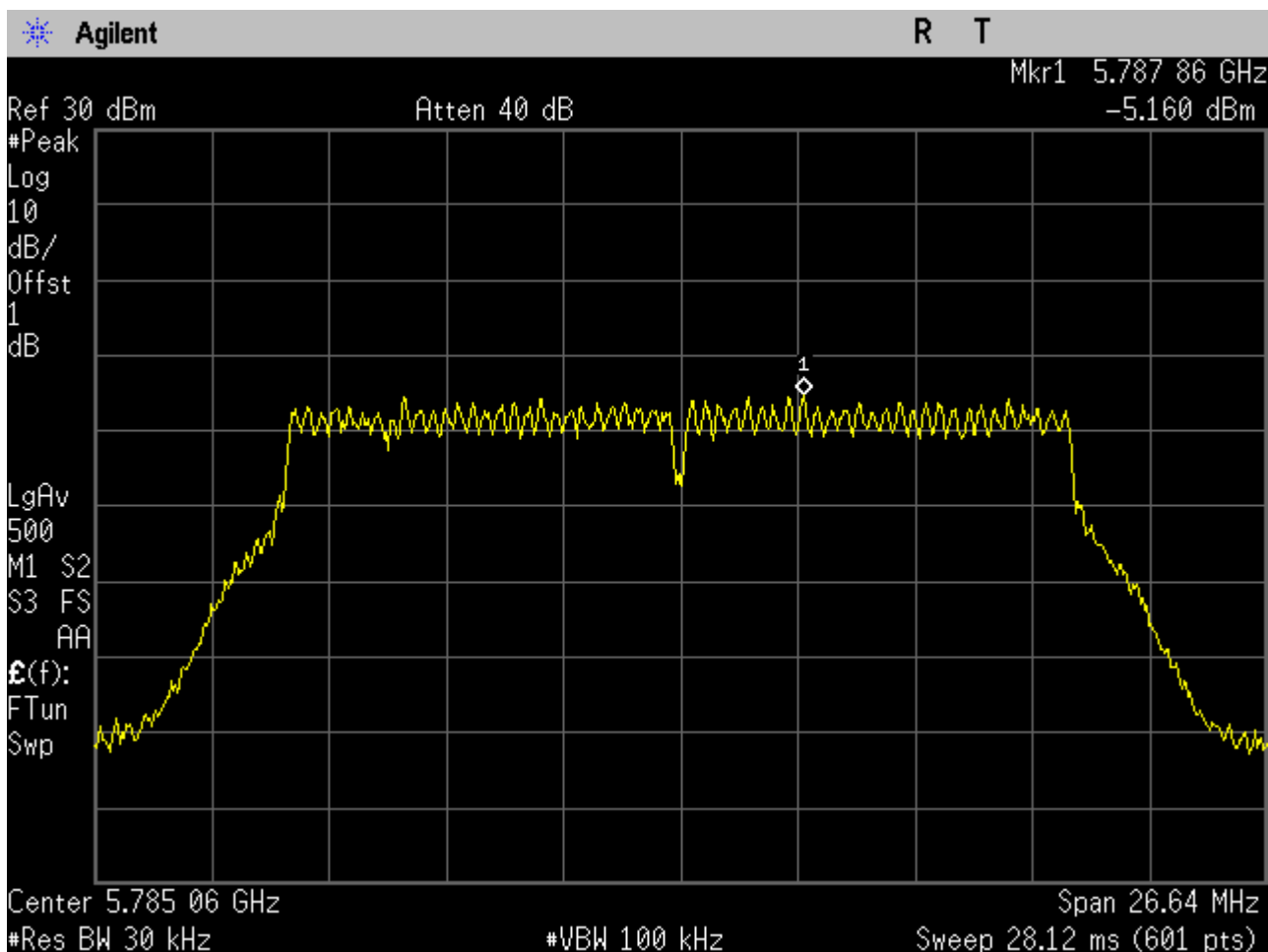
2.80 11AC20M_149 Ant 2



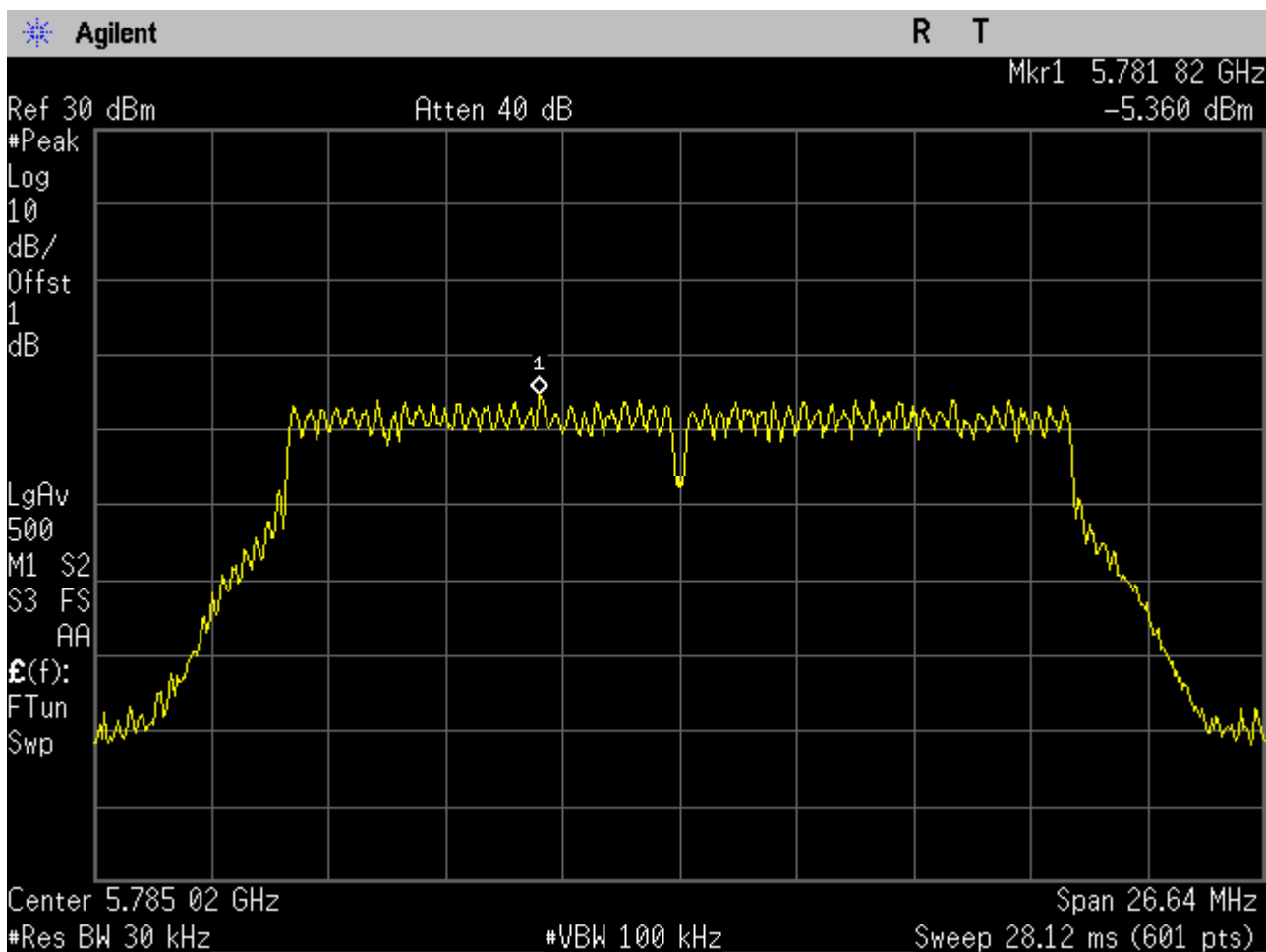
2.81 11AC20_157 Ant 1



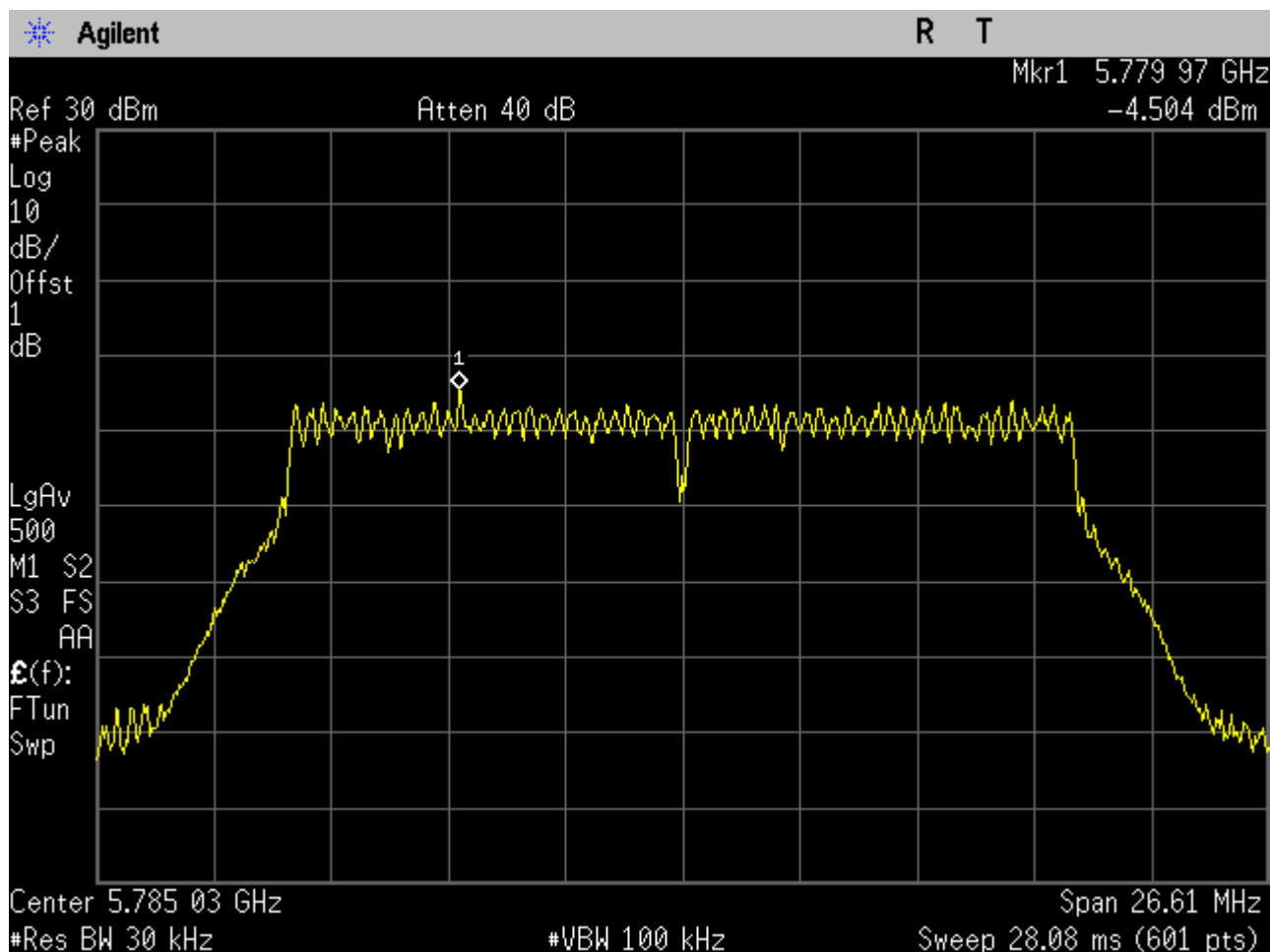
2.82 11AC20_157 Ant 2



2.83 11AC20M_157 Ant 1

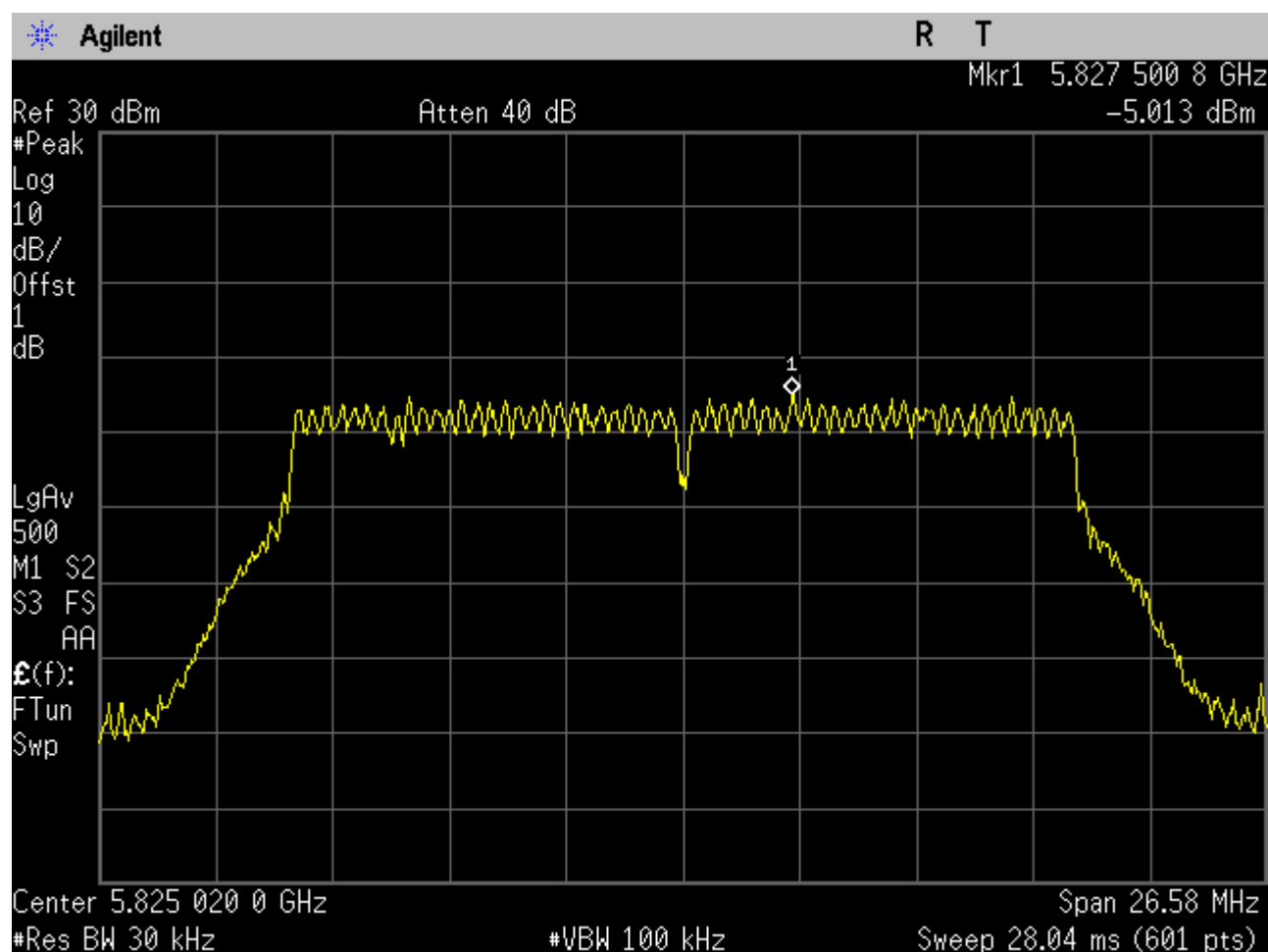


2.84 11AC20M_157 Ant 2

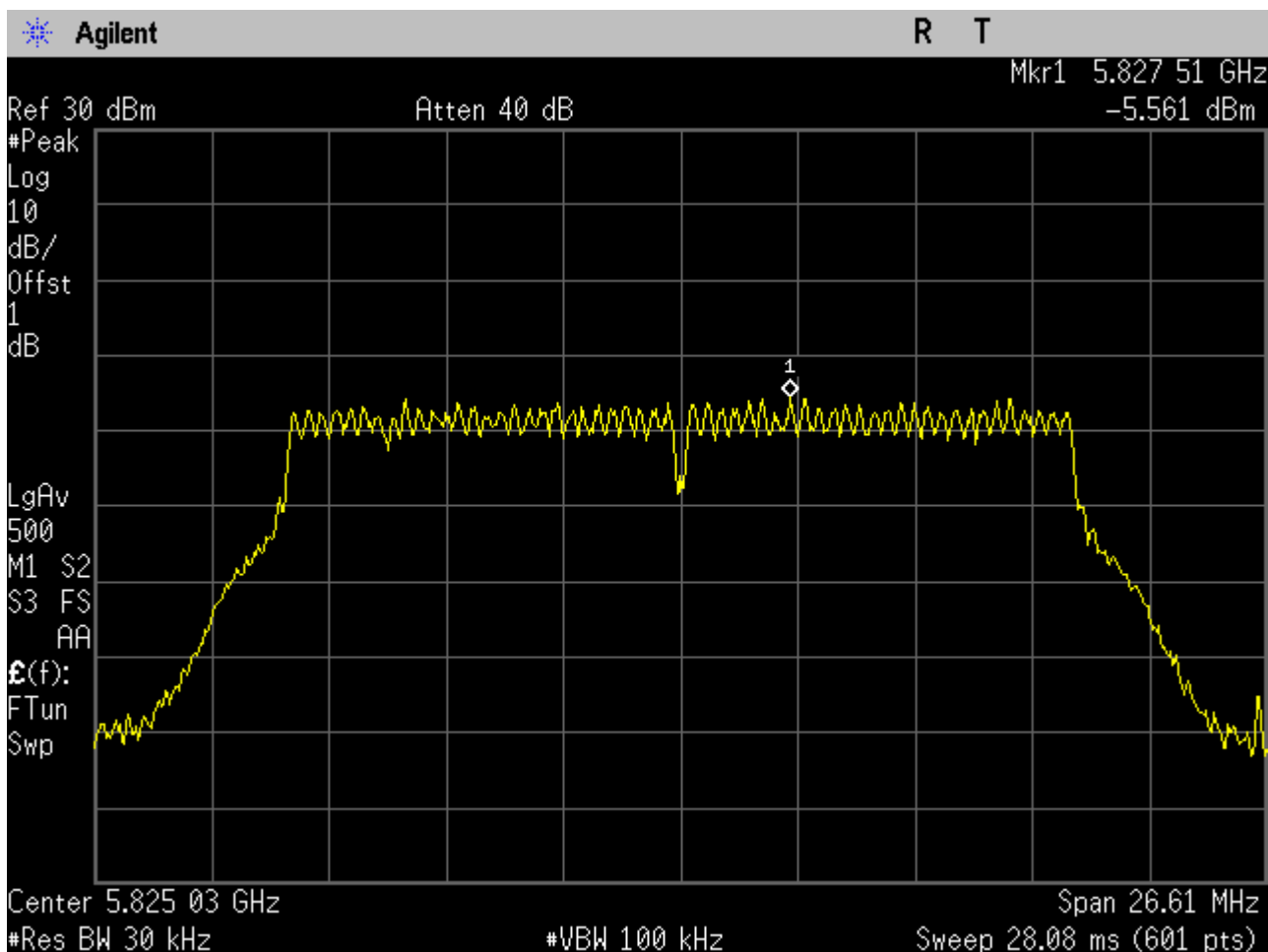




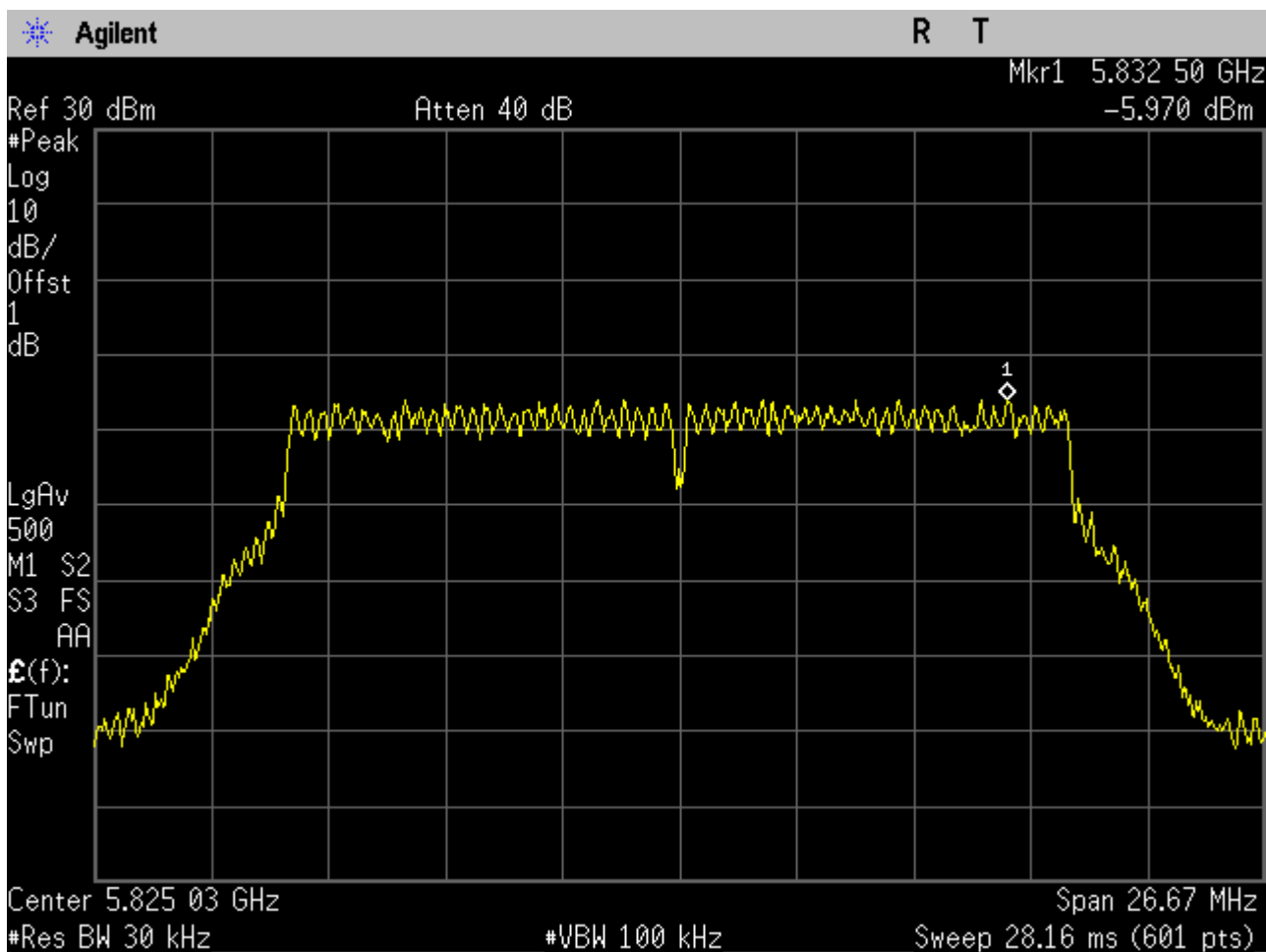
2.8511AC20_165 Ant 1



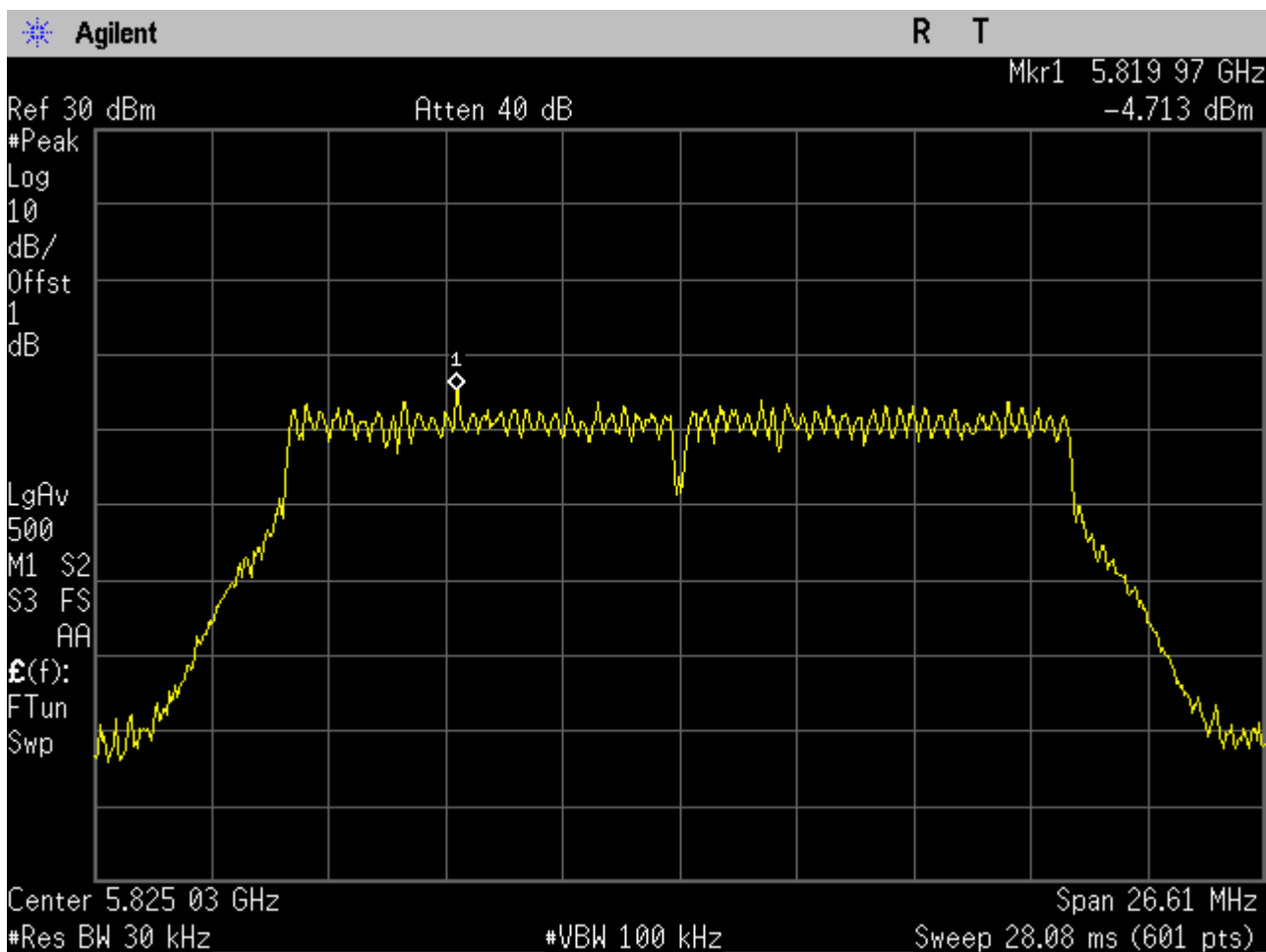
2.8611AC20_165 Ant 2



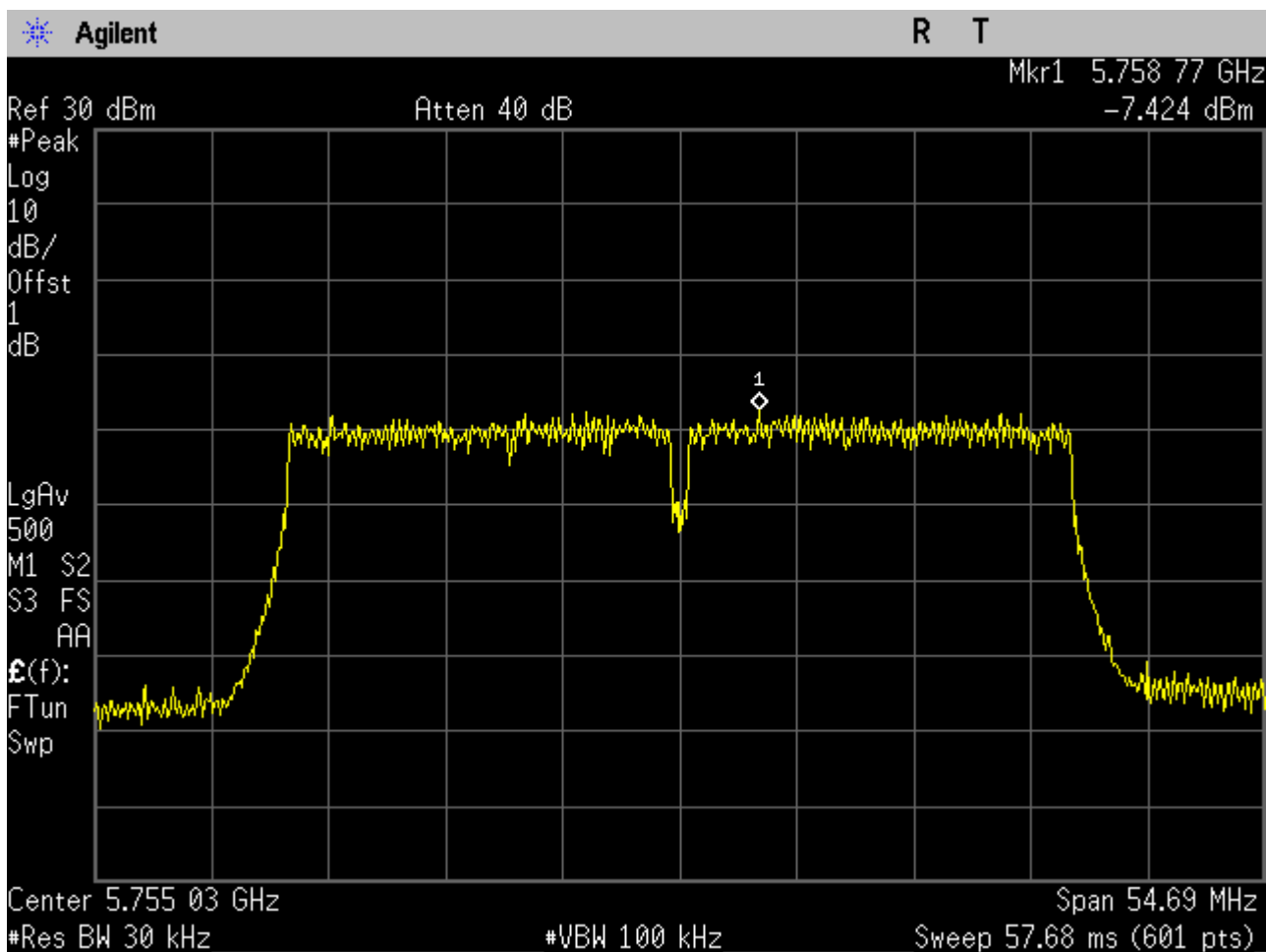
2.8711AC20M_165 Ant 1



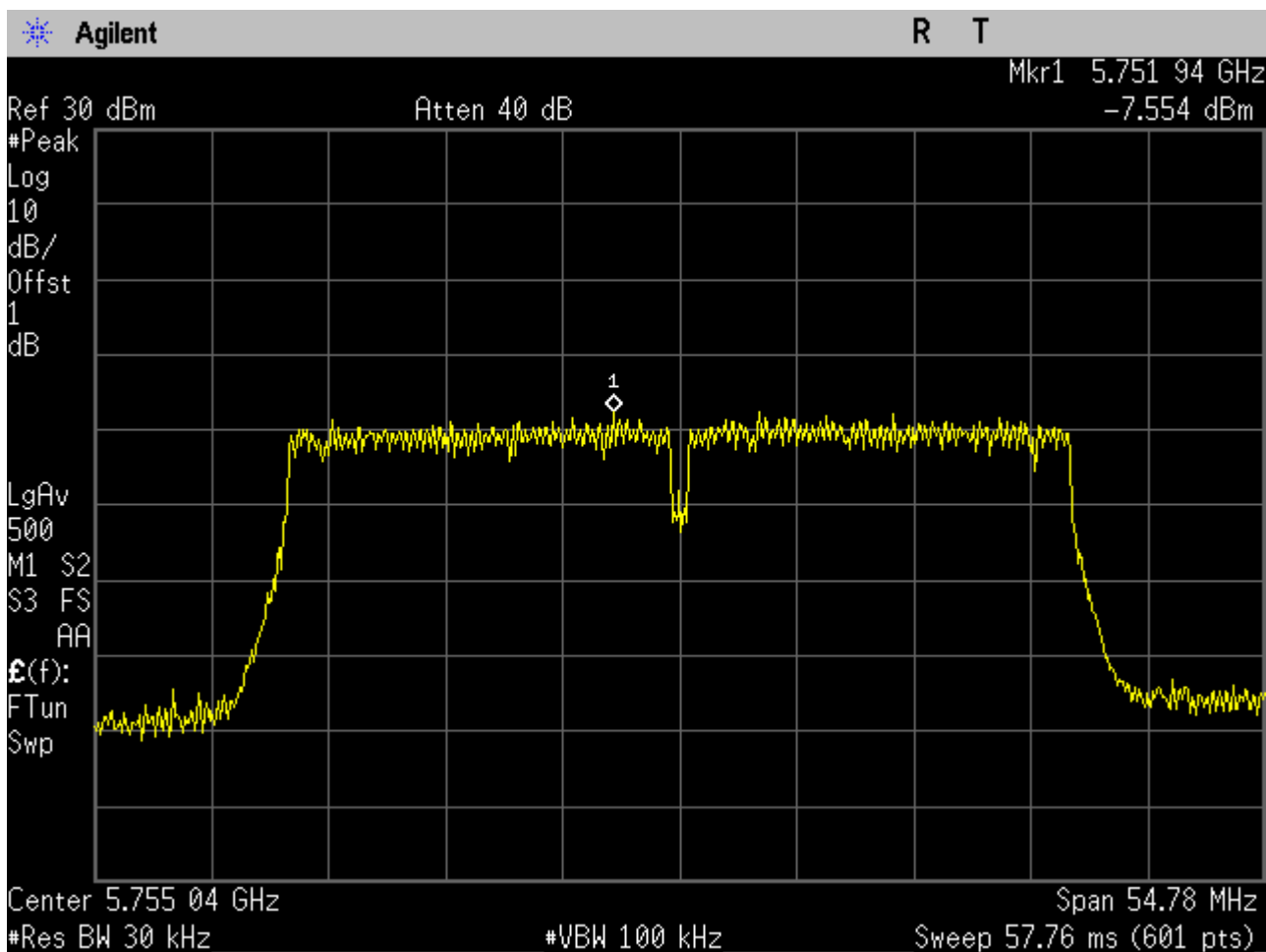
2.8811AC20M_165 Ant 2



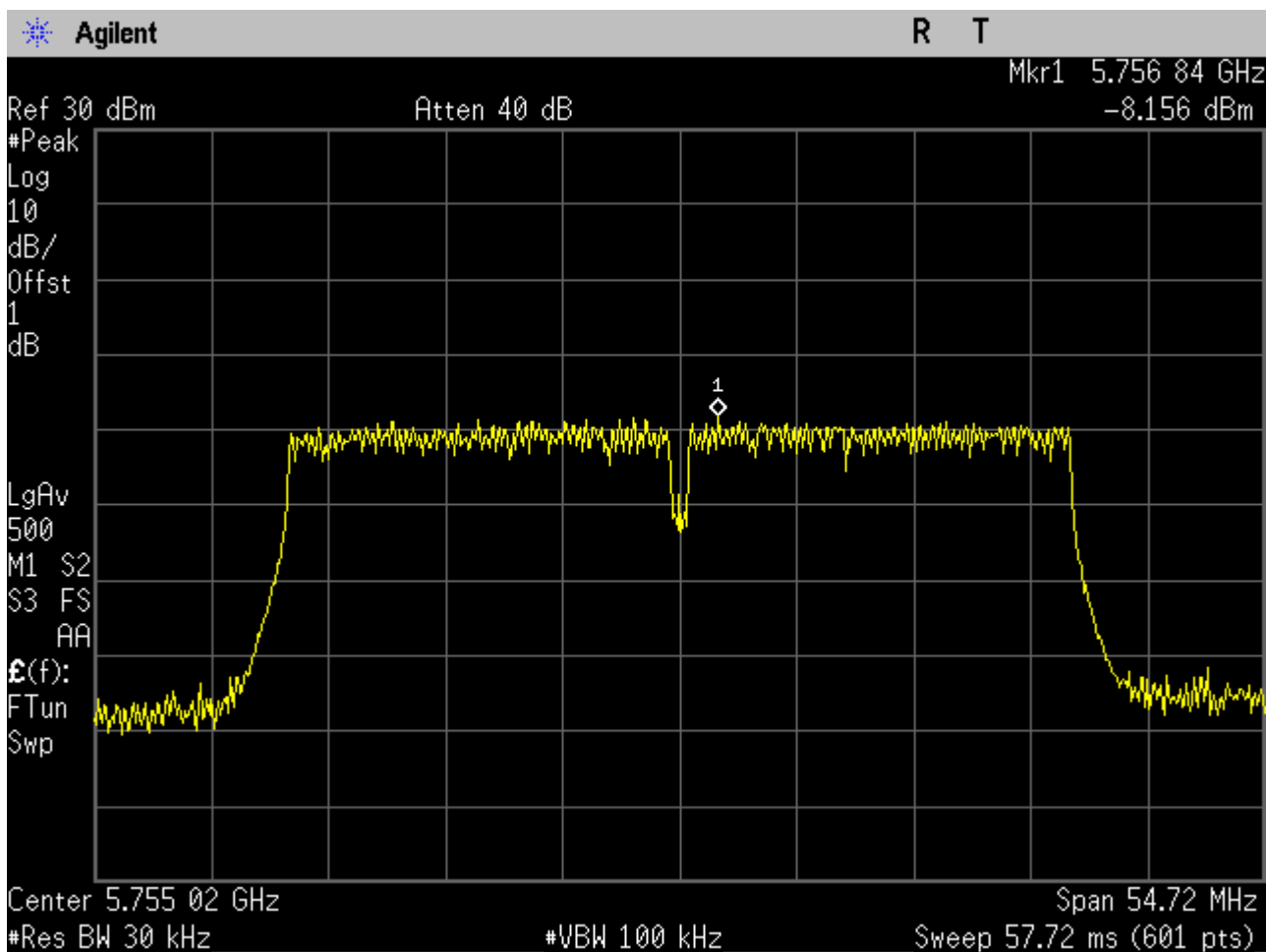
2.8911AC40_151 Ant 1



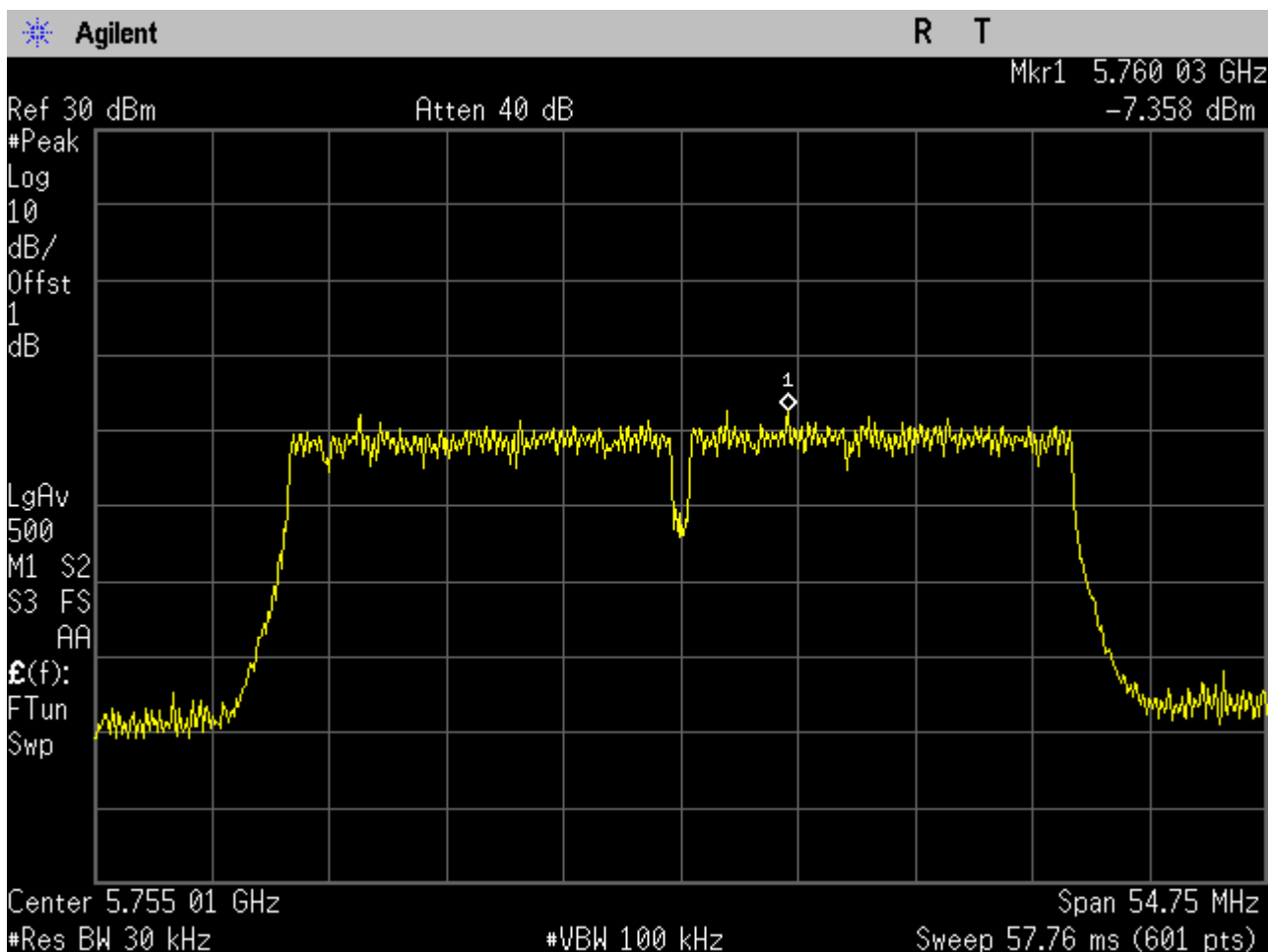
2.9011AC40_151 Ant 2



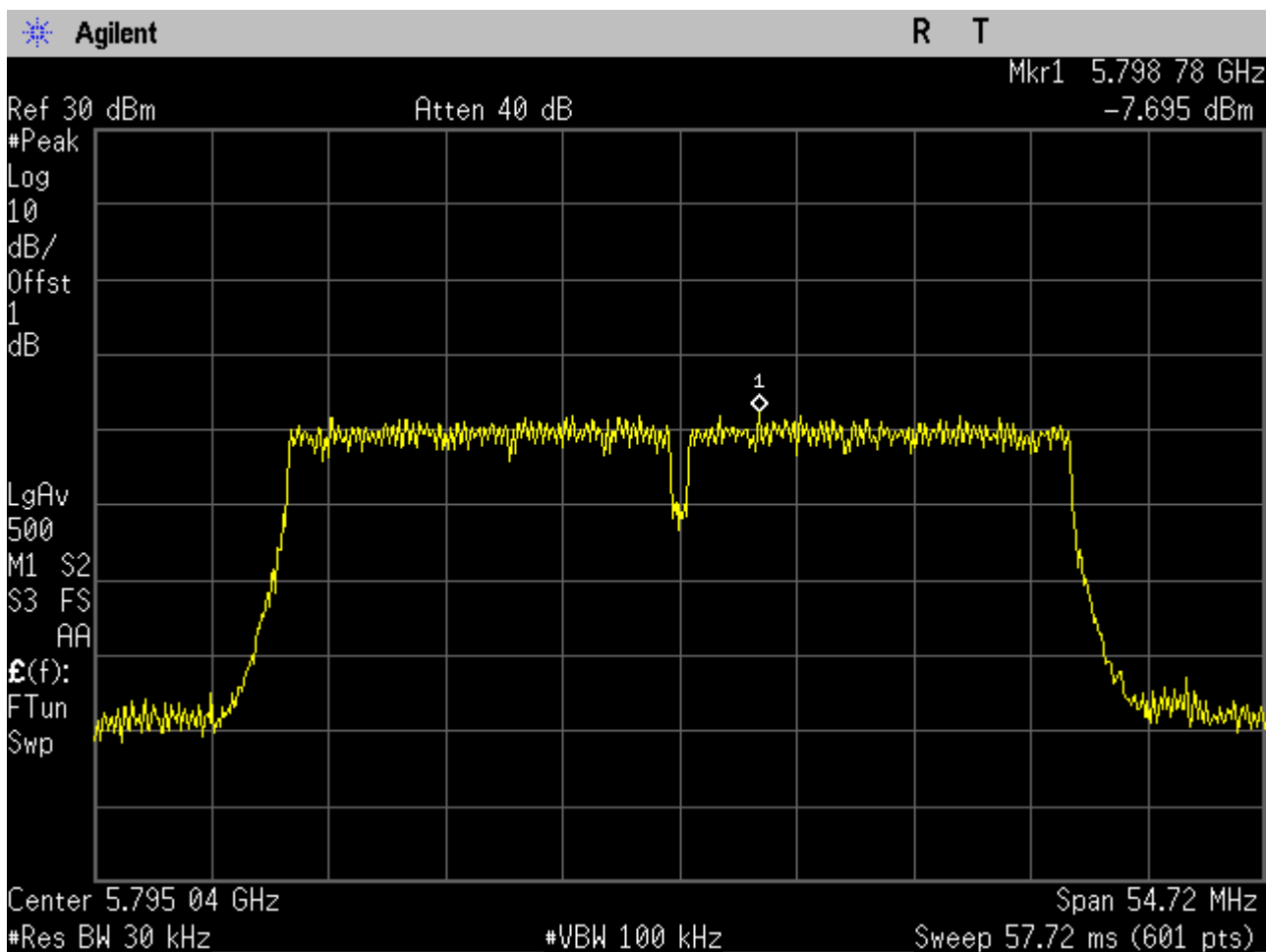
2.9111AC40M_151 Ant 1



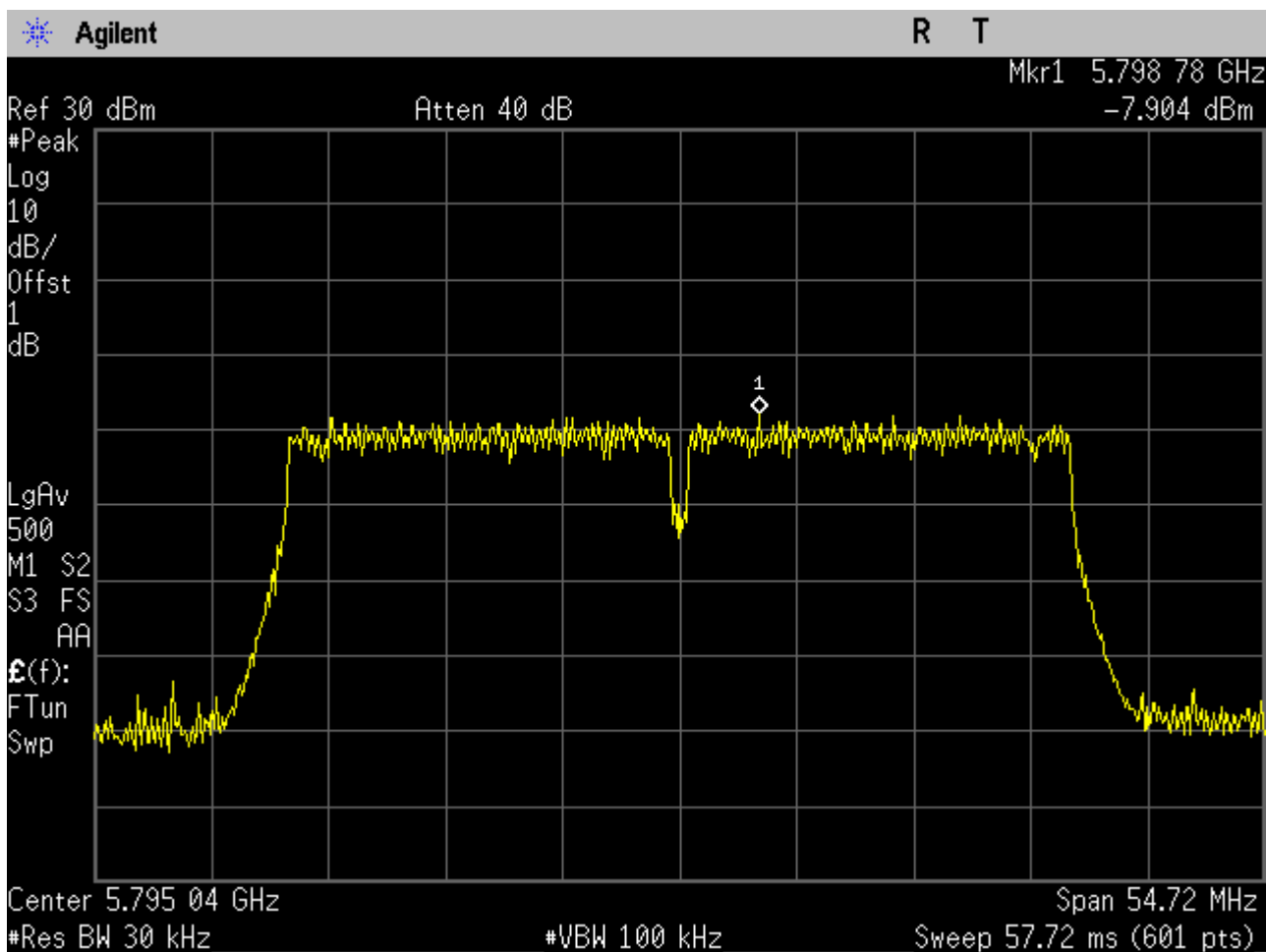
2.9211AC40M_151 Ant 2



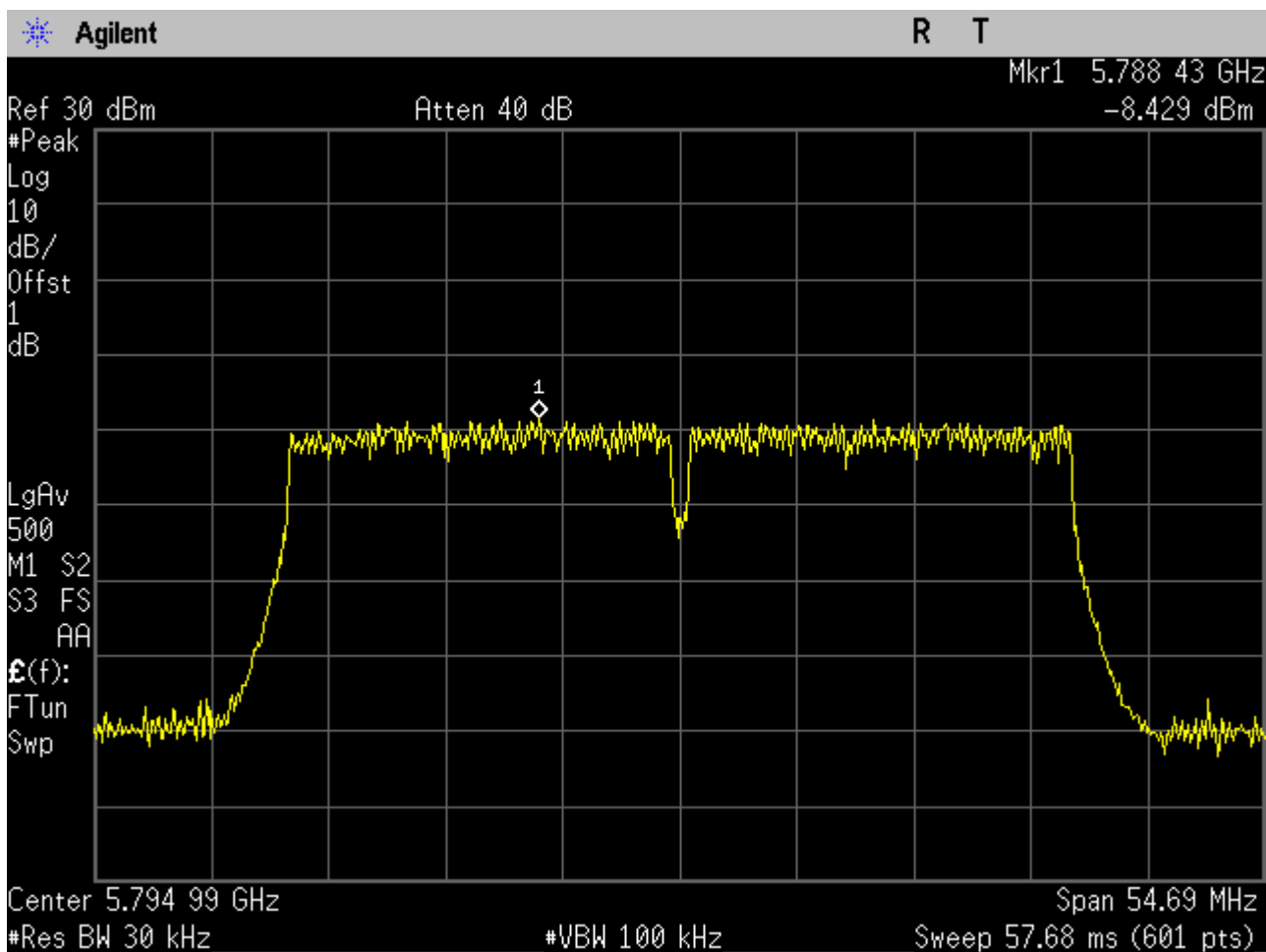
2.9311AC40_159 Ant 1



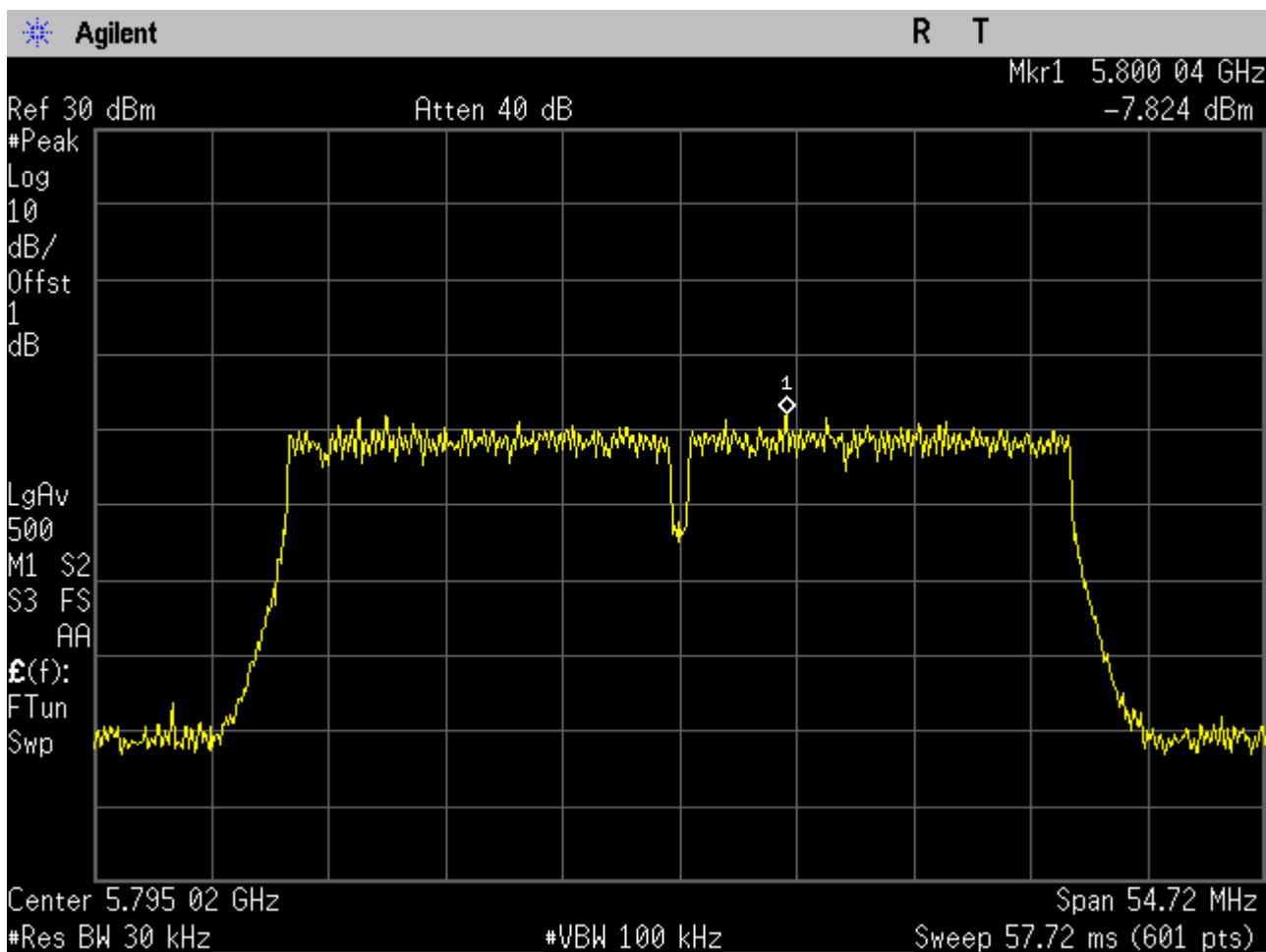
2.9411AC40_159 Ant 2



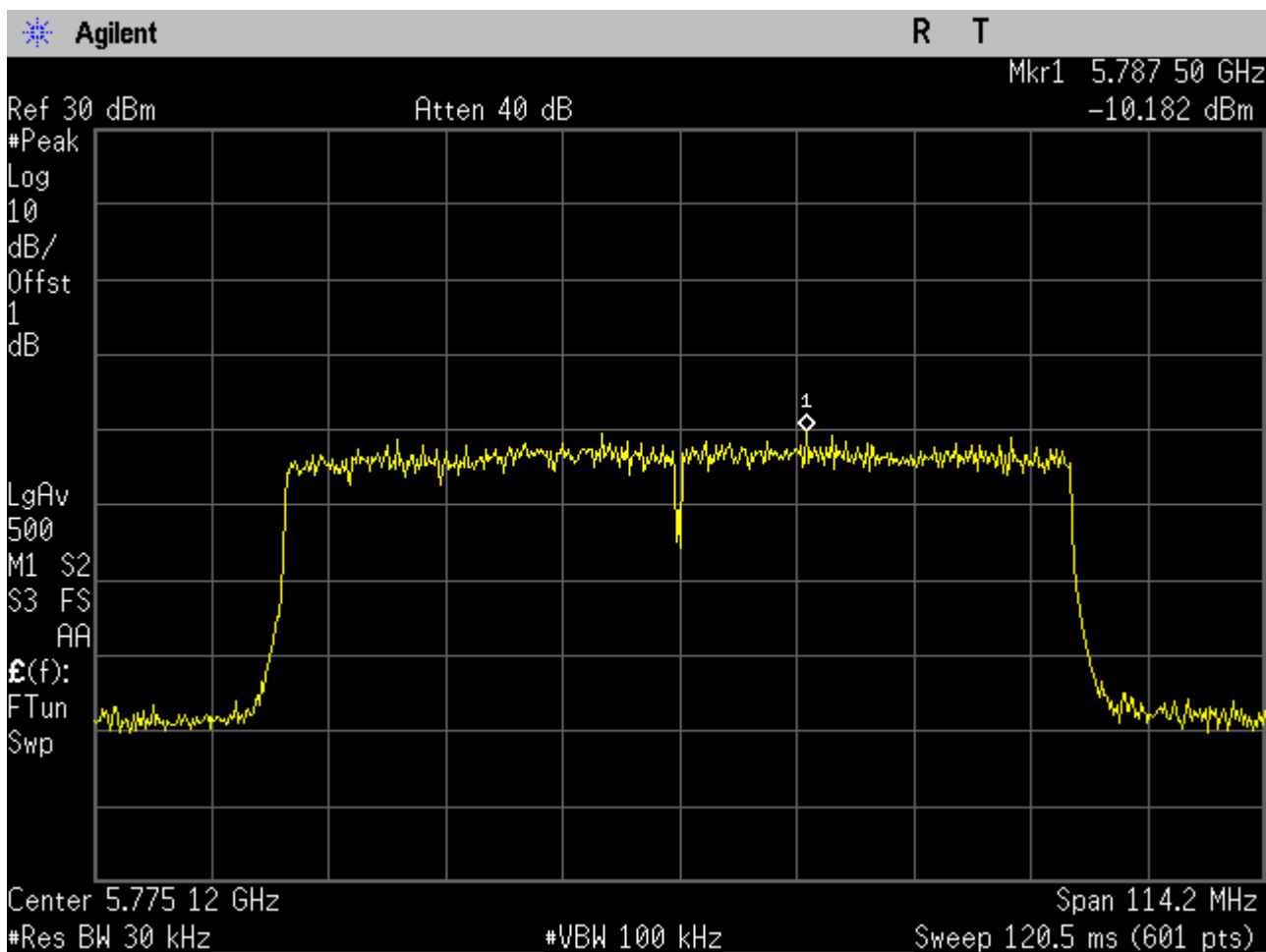
2.9511AC40M_159 Ant 1



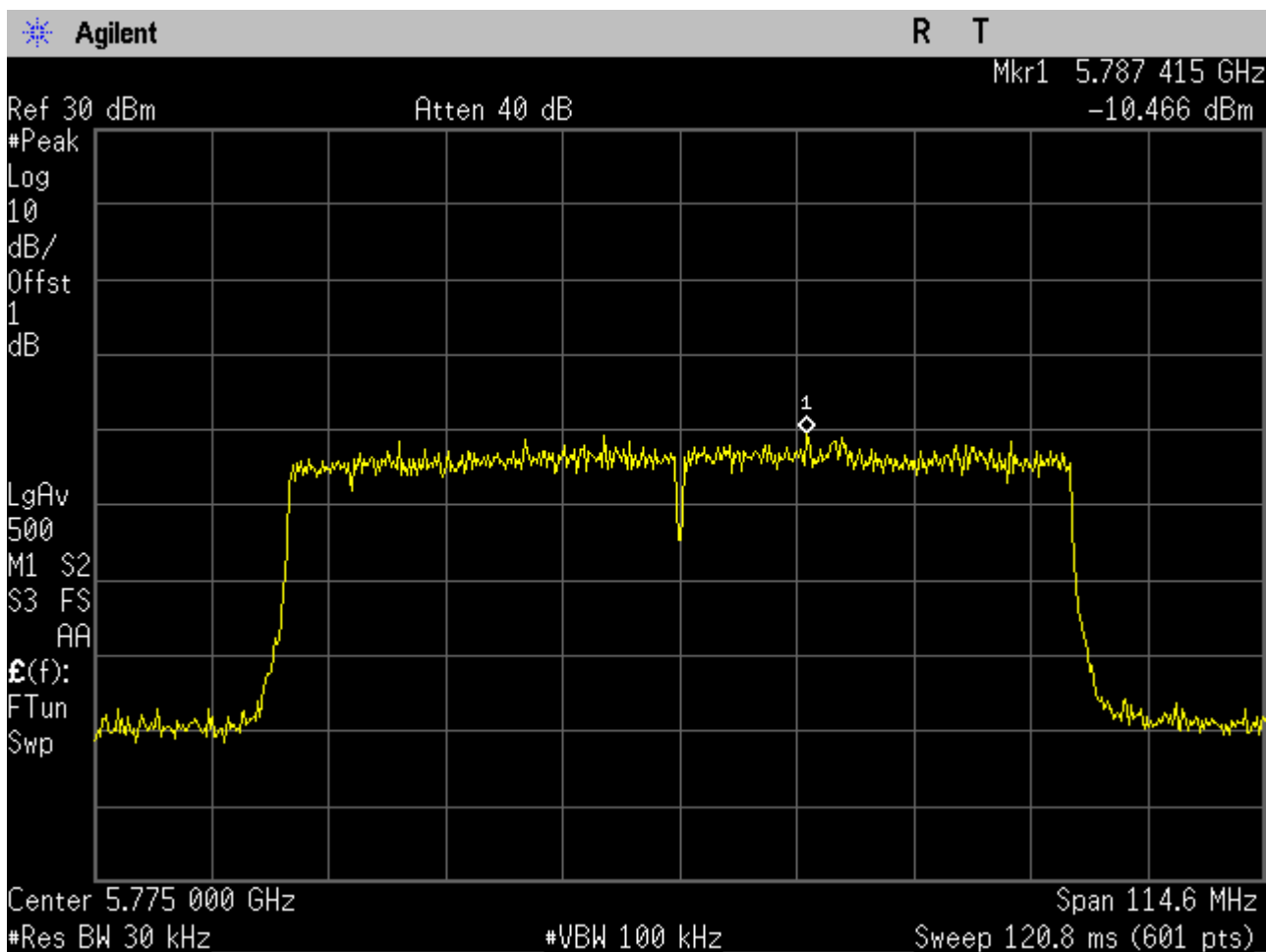
2.9611AC40M_159 Ant 2



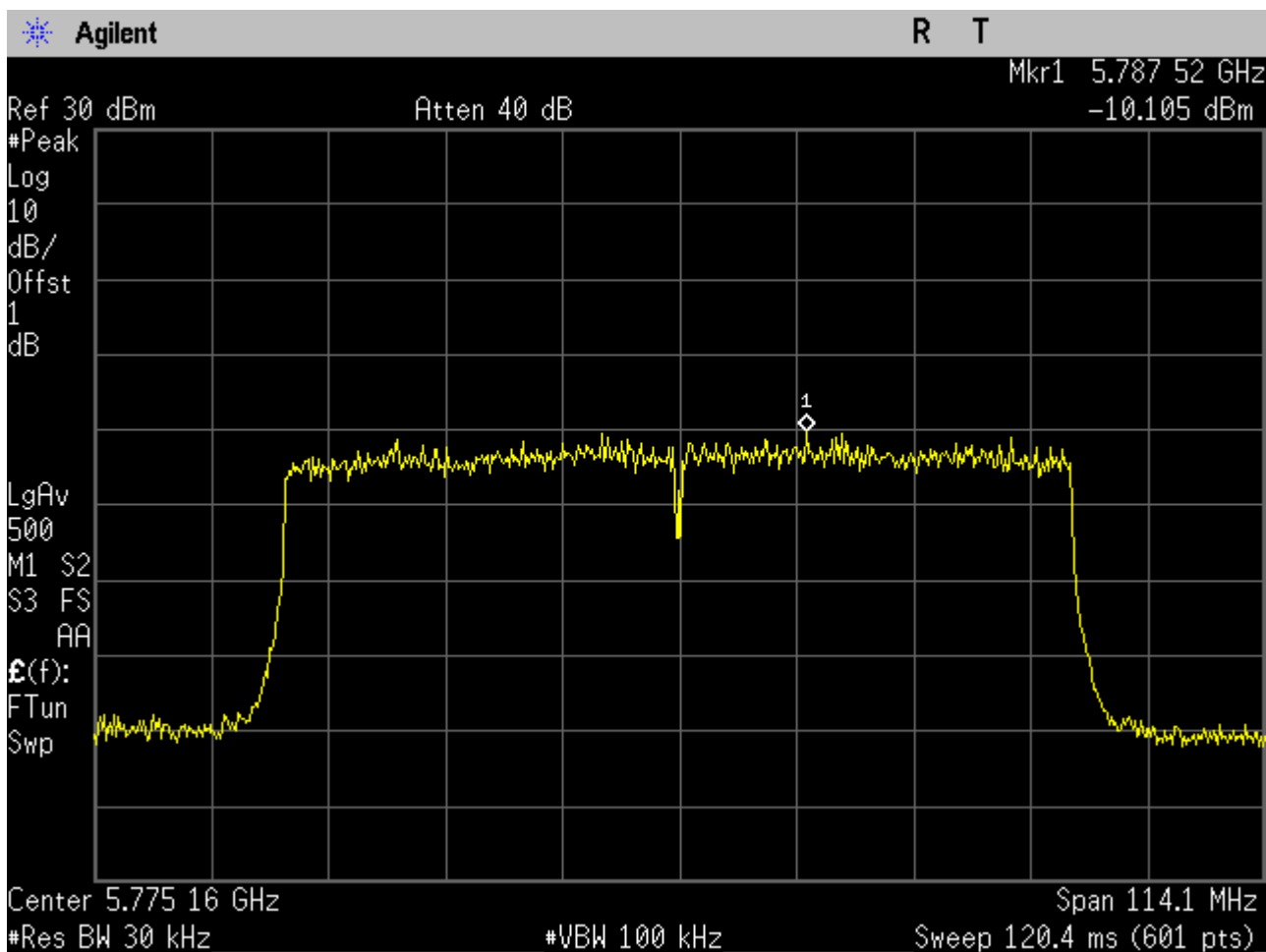
2.9711AC80_155 Ant 1



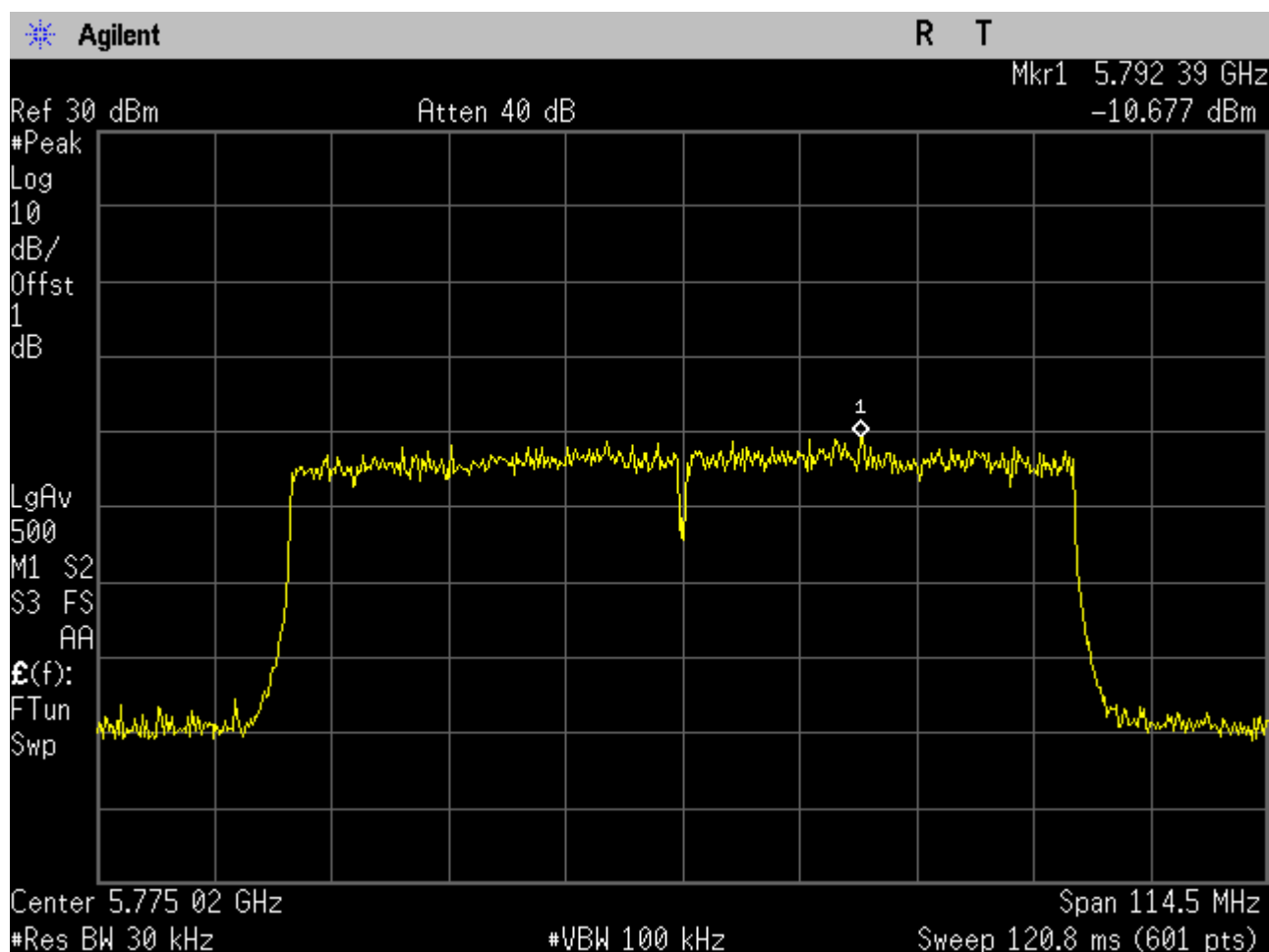
2.9811AC80_155 Ant 2



2.9911AC80M_155 Ant 1



2.100 11AC80M_155 Ant 2



Appendix D: Unwanted Emissions into Non-Restricted Frequency Bands

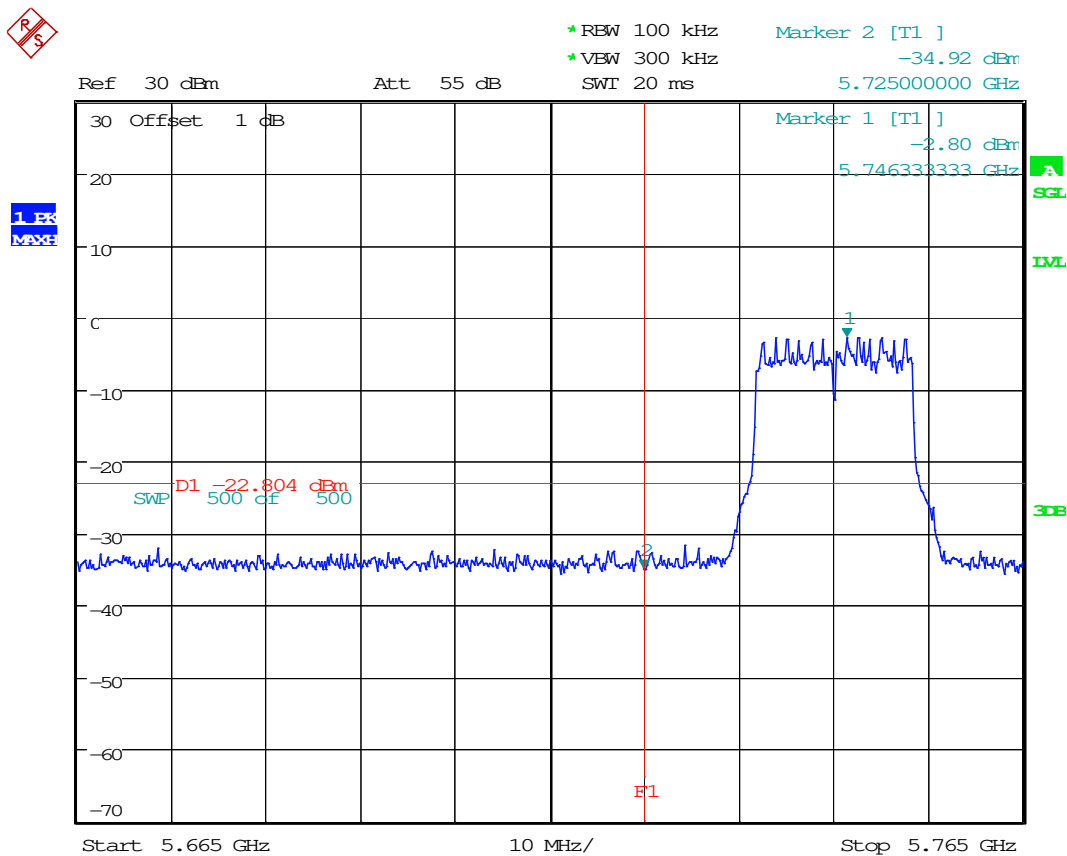
1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	Max. Level [dBm]	Verdict
11A	149	5745	Ant 1	<limit	pass
11A	149	5745	Ant 2	<limit	pass
11A	157	5785	Ant 1	<limit	pass
11A	157	5785	Ant 2	<limit	pass
11A	165	5825	Ant 1	<limit	pass
11A	165	5825	Ant 2	<limit	pass
11N20	149	5745	Ant 1	<limit	pass
11N20	149	5745	Ant 2	<limit	pass
11N20M	149	5745	Ant 1	<limit	pass
11N20M	149	5745	Ant 2	<limit	pass
11N20	157	5785	Ant 1	<limit	pass
11N20	157	5785	Ant 2	<limit	pass
11N20M	157	5785	Ant 1	<limit	pass
11N20M	157	5785	Ant 2	<limit	pass
11N20	165	5825	Ant 1	<limit	pass
11N20	165	5825	Ant 2	<limit	pass
11N20M	165	5825	Ant 1	<limit	pass
11N20M	165	5825	Ant 2	<limit	pass
11N40	151	5755	Ant 1	<limit	pass
11N40	151	5755	Ant 2	<limit	pass
11N40M	151	5755	Ant 1	<limit	pass
11N40M	151	5755	Ant 2	<limit	pass
11N40	159	5795	Ant 1	<limit	pass
11N40	159	5795	Ant 2	<limit	pass
11N40M	159	5795	Ant 1	<limit	pass
11N40M	159	5795	Ant 2	<limit	pass
11AC20	149	5745	Ant 1	<limit	pass
11AC20	149	5745	Ant 2	<limit	pass
11AC20M	149	5745	Ant 1	<limit	pass
11AC20M	149	5745	Ant 2	<limit	pass
11AC20	157	5785	Ant 1	<limit	pass
11AC20	157	5785	Ant 2	<limit	pass
11AC20M	157	5785	Ant 1	<limit	pass
11AC20M	157	5785	Ant 2	<limit	pass
11AC20	165	5825	Ant 1	<limit	pass

11AC20	165	5825	Ant 2	<limit	pass
11AC20M	165	5825	Ant 1	<limit	pass
11AC20M	165	5825	Ant 2	<limit	pass
11AC40	151	5755	Ant 1	<limit	pass
11AC40	151	5755	Ant 2	<limit	pass
11AC40M	151	5755	Ant 1	<limit	pass
11AC40M	151	5755	Ant 2	<limit	pass
11AC40	159	5795	Ant 1	<limit	pass
11AC40	159	5795	Ant 2	<limit	pass
11AC40M	159	5795	Ant 1	<limit	pass
11AC40M	159	5795	Ant 2	<limit	pass
11AC80	155	5775	Ant 1	<limit	pass
11AC80	155	5775	Ant 2	<limit	pass
11AC80M	155	5775	Ant 1	<limit	pass
11AC80M	155	5775	Ant 2	<limit	pass

2 Test Plot

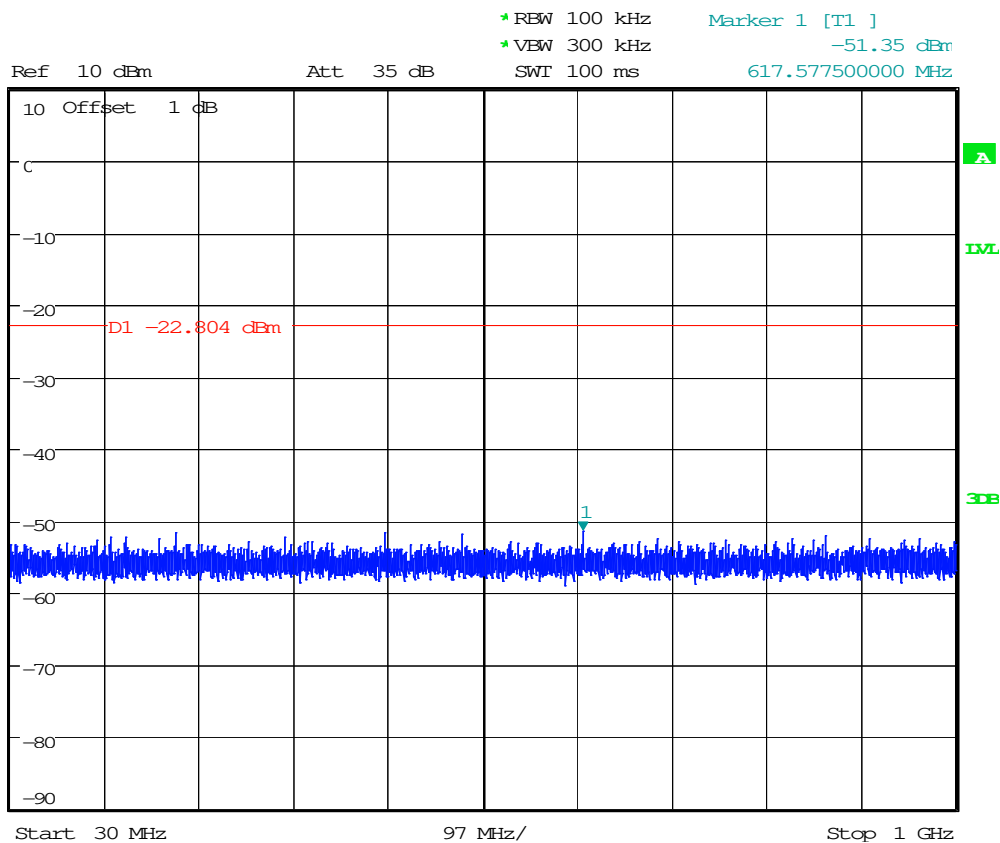
2.1 11A_149 Ant 1



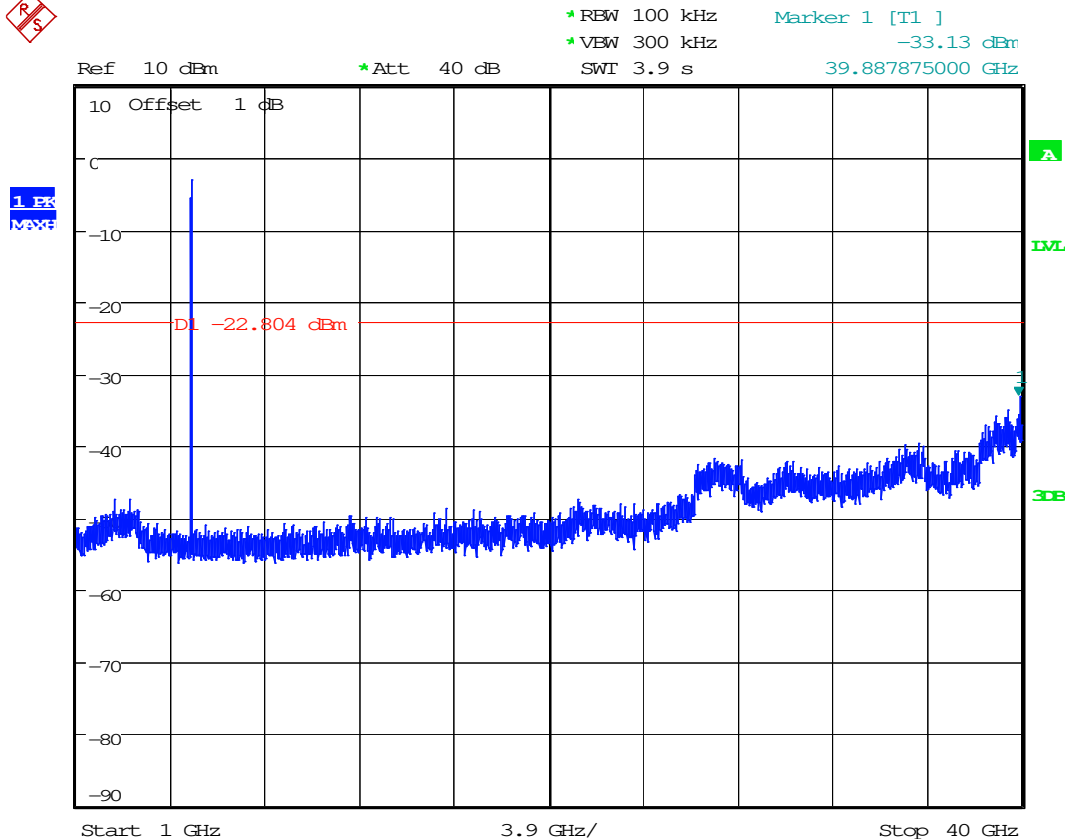
Date: 20.JUN.2014 05:11:45



1. EK
100%

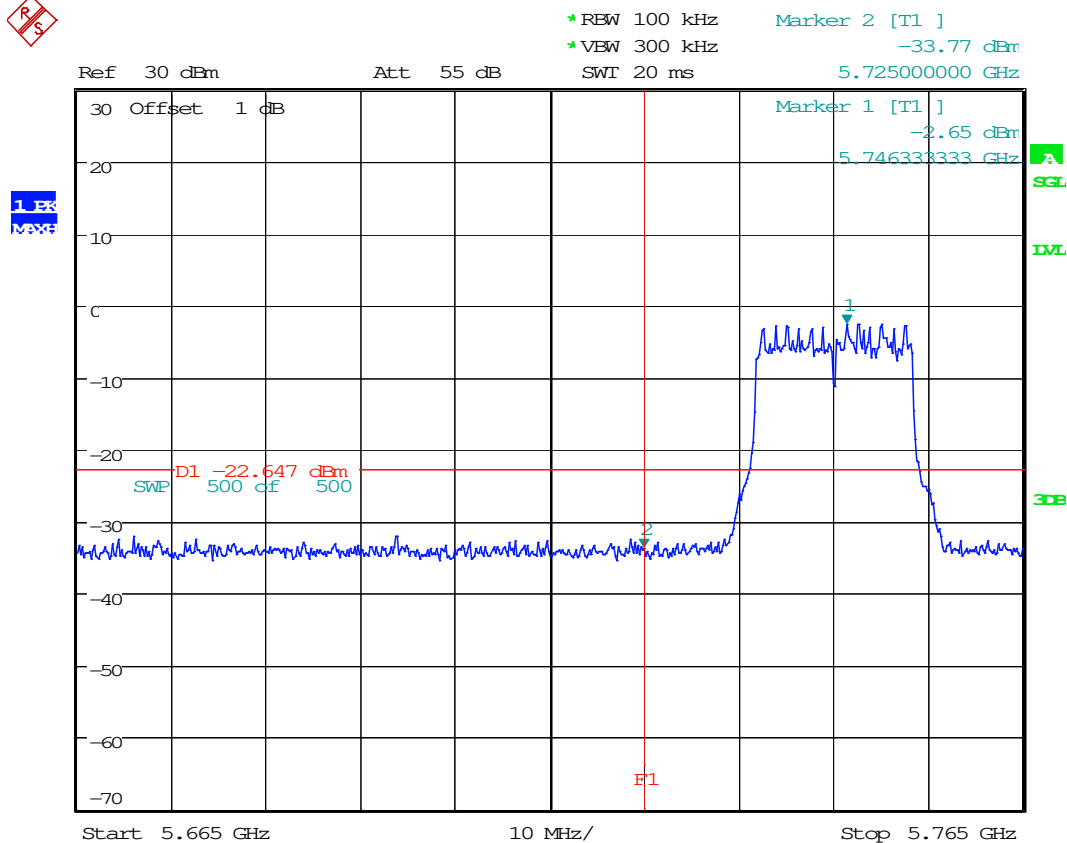


Date: 20.JUN.2014 05:12:01



Date: 20.JUN.2014 05:12:16

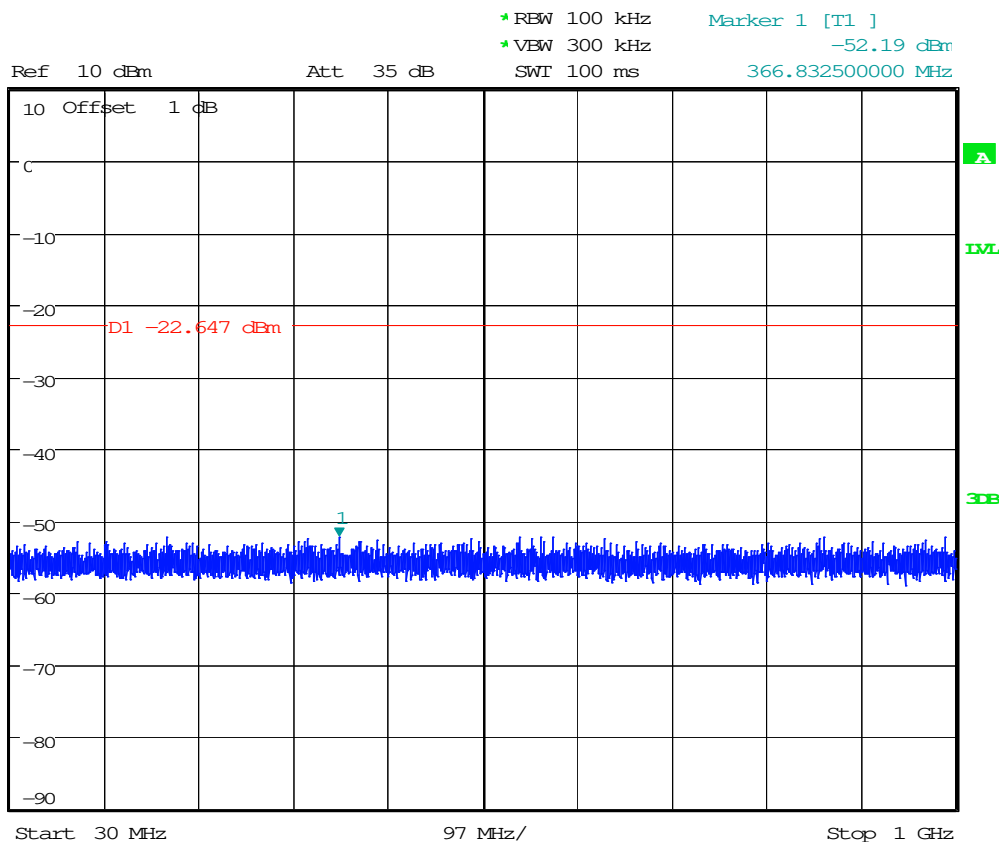
2.2 11A_149 Ant 2



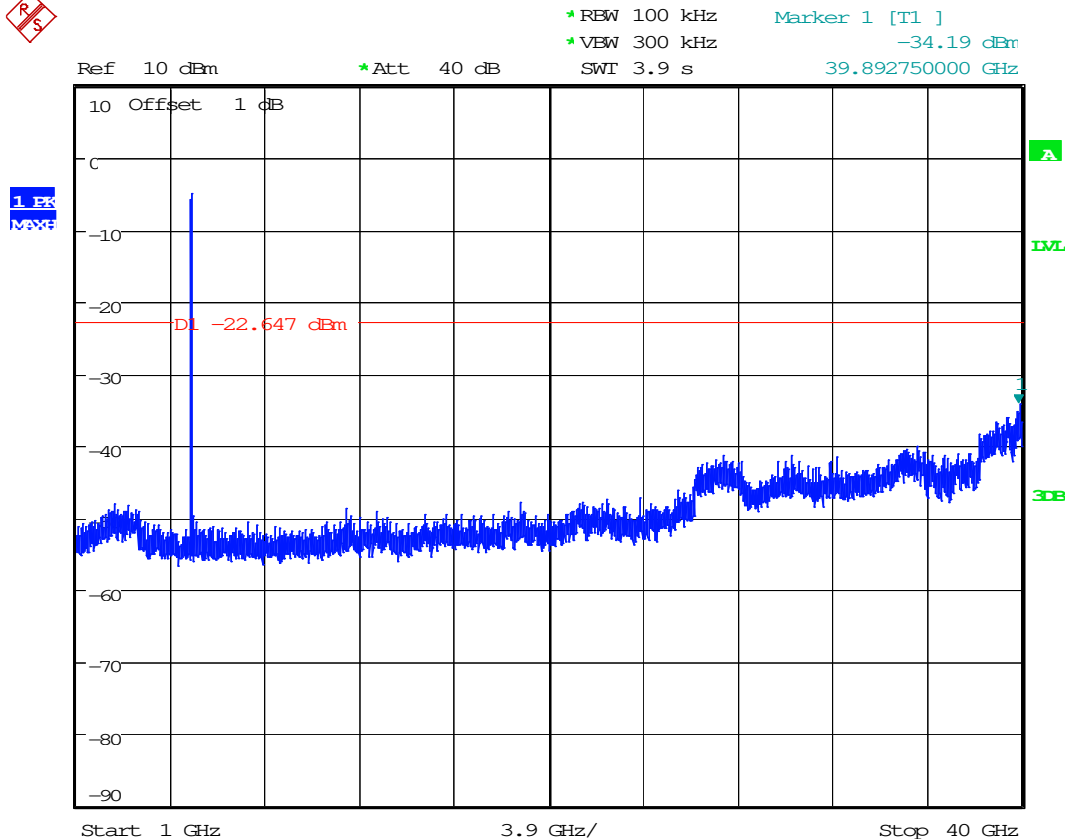
Date: 20.JUN.2014 05:13:45



1 EK
100%

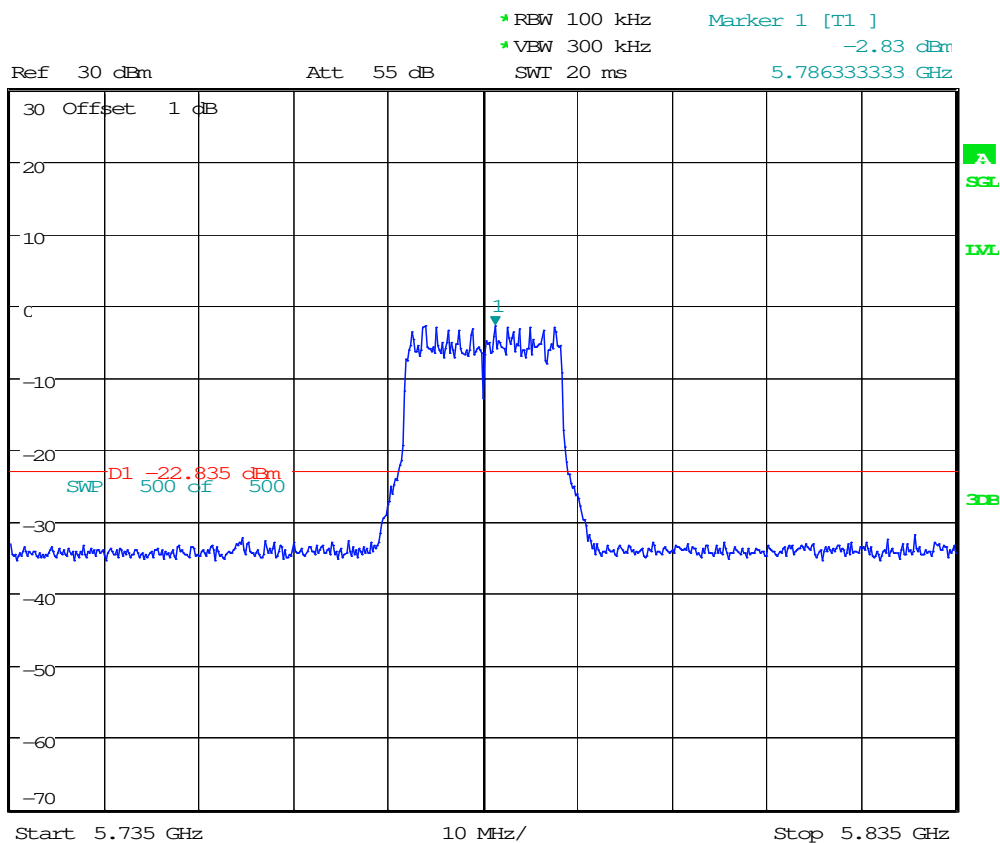


Date: 20.JUN.2014 05:14:00



Date: 20.JUN.2014 05:14:16

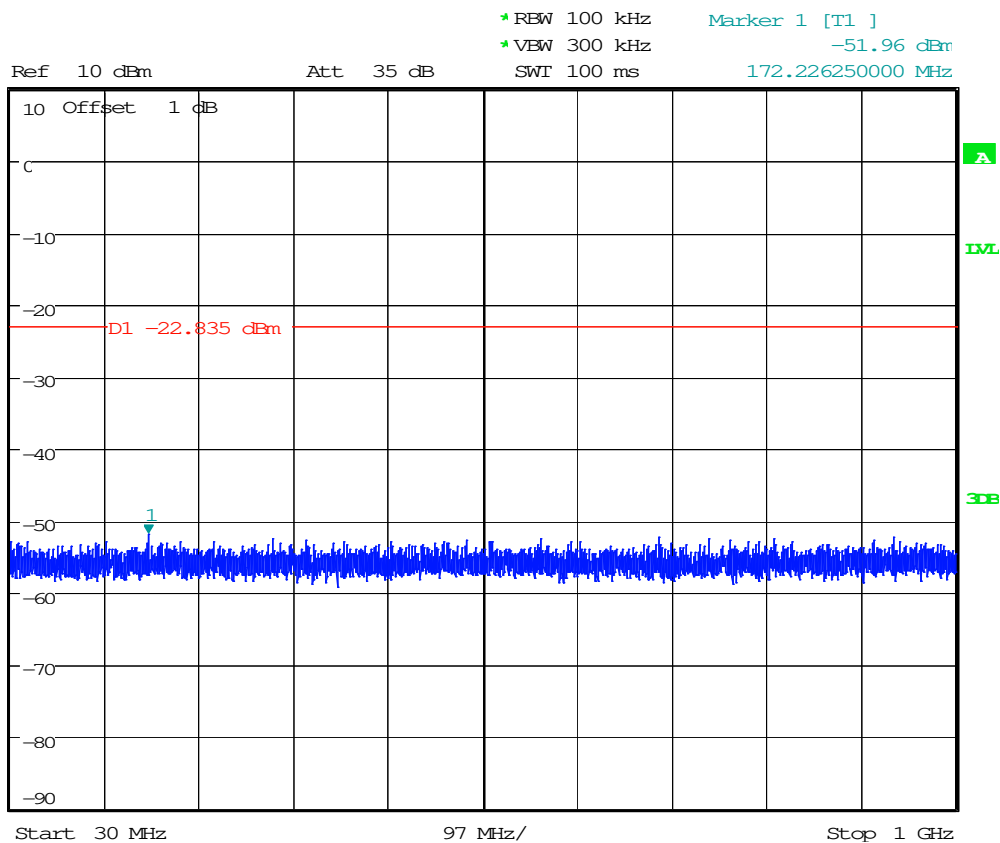
2.3 11A_157 Ant 1


1.33
1.33


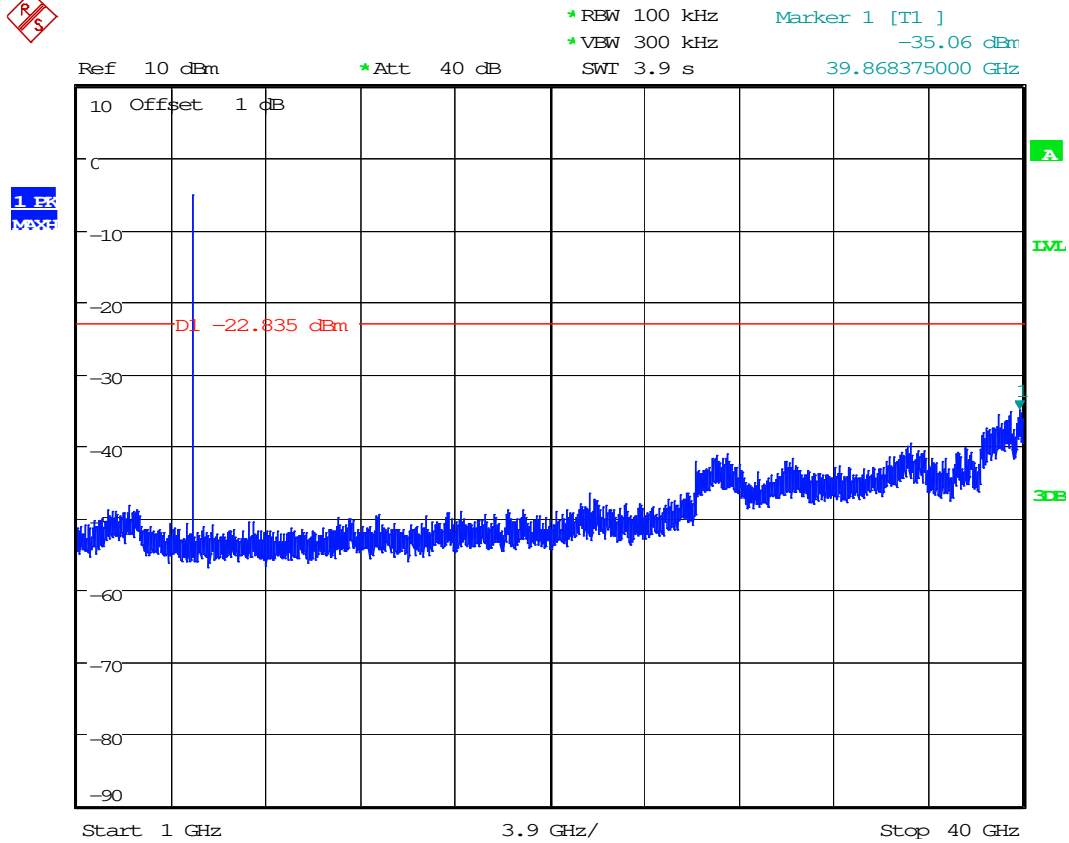
Date: 20.JUN.2014 05:16:22



1 EK
MAX

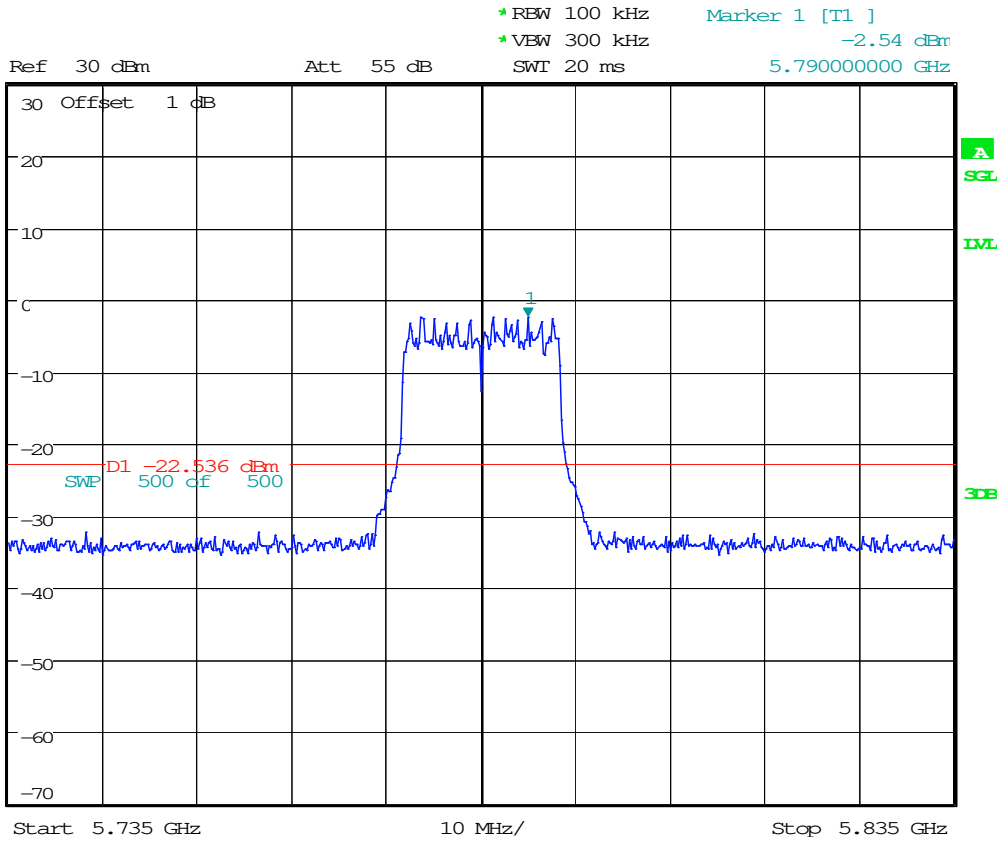


Date: 20.JUN.2014 05:16:38



Date: 20.JUN.2014 05:16:53

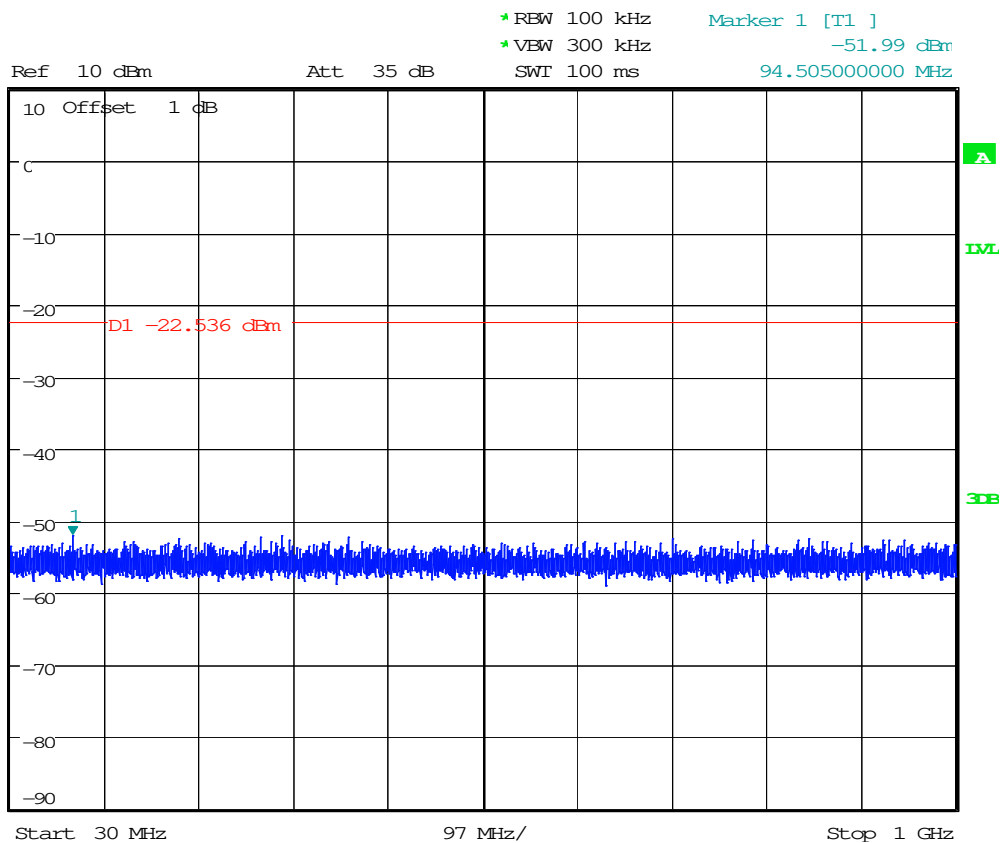
2.4 11A_157 Ant 2



Date: 20.JUN.2014 05:19:33



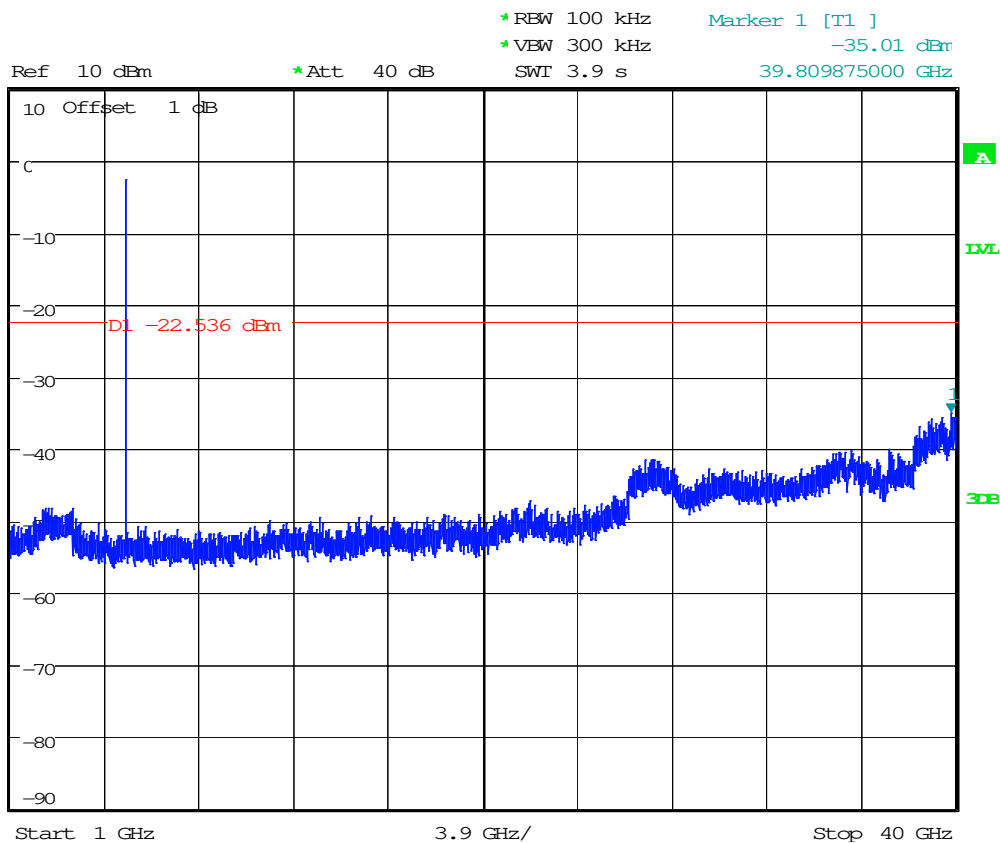
1. EK
100%



Date: 20.JUN.2014 05:19:49

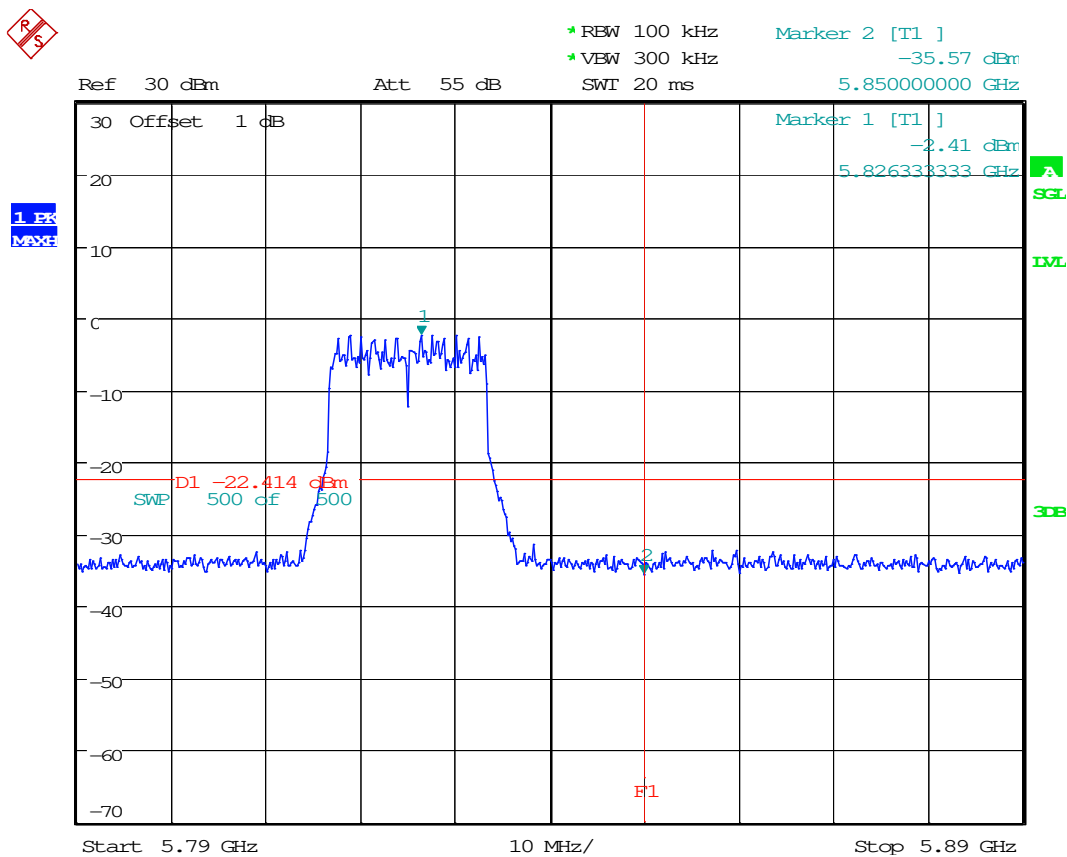


1 EK
MAX



Date: 20.JUN.2014 05:20:05

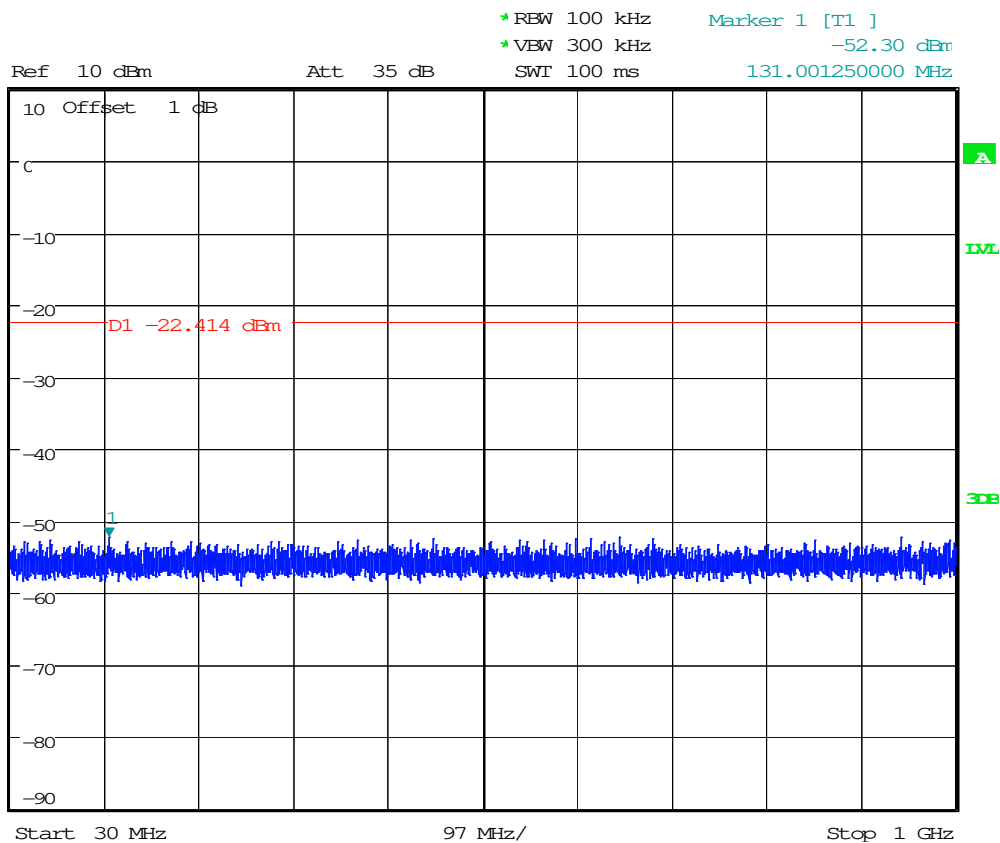
2.5 11A_165 Ant 1



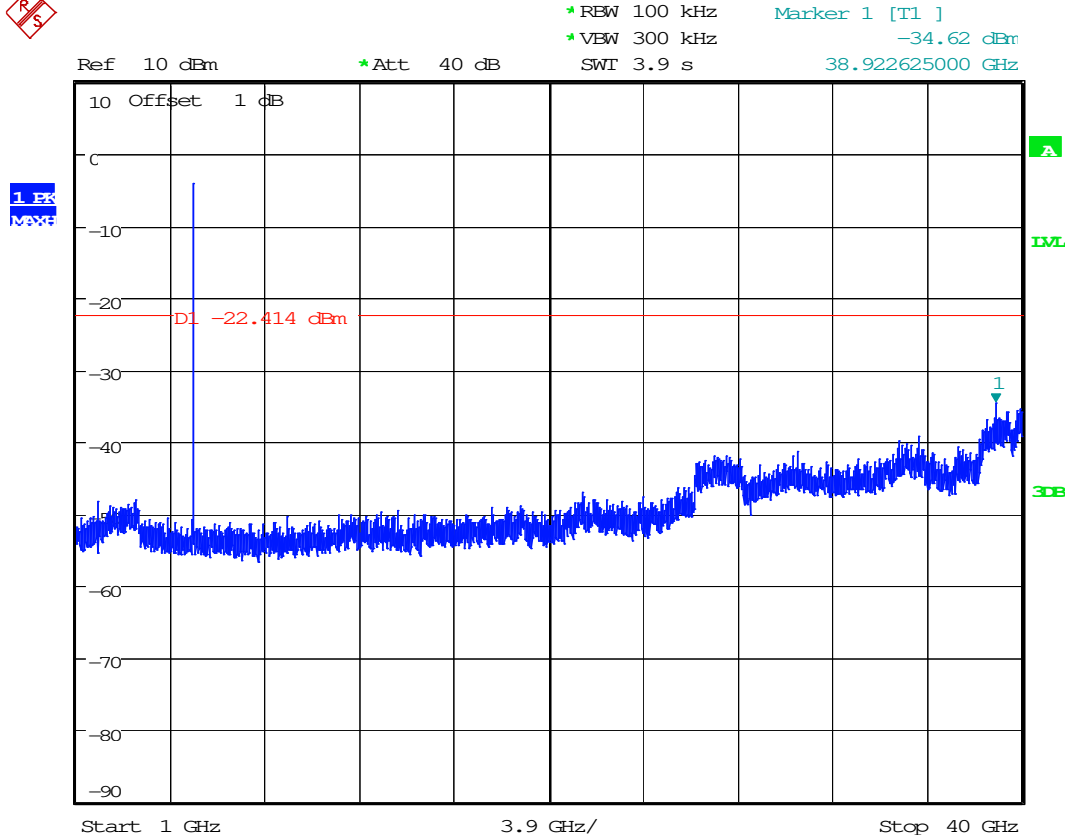
Date: 20.JUN.2014 05:17:53



1 EK
MAX

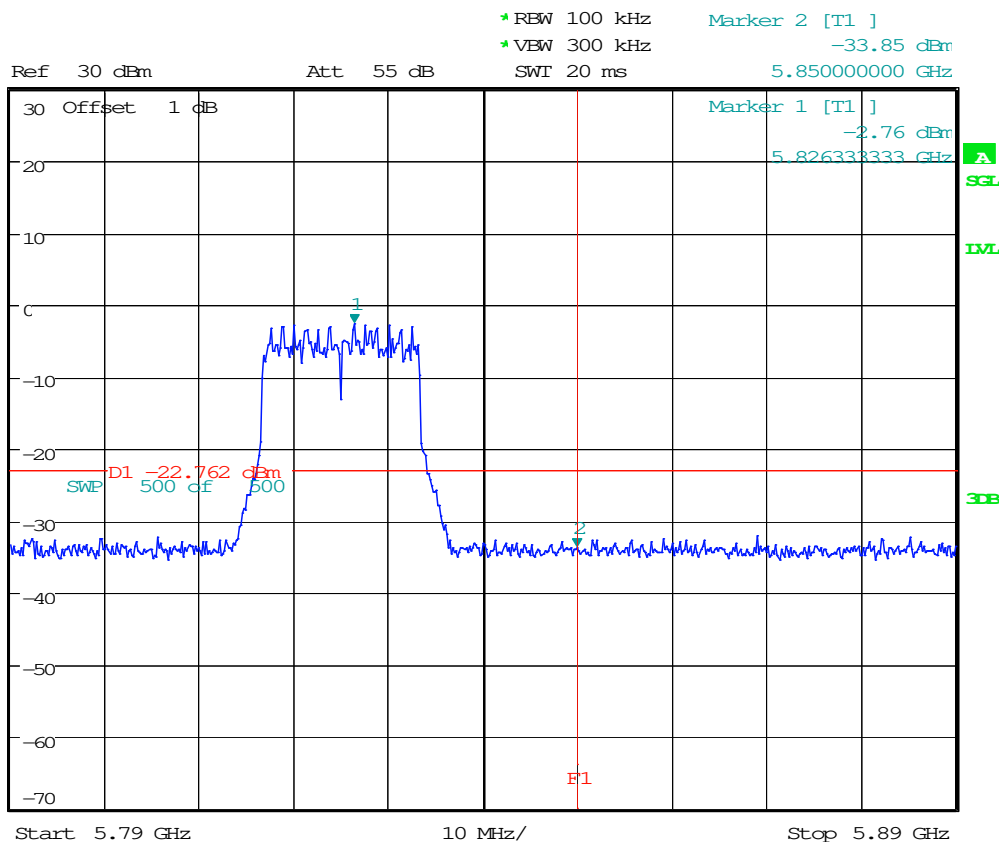


Date: 20.JUN.2014 05:18:08



Date: 20.JUN.2014 05:18:24

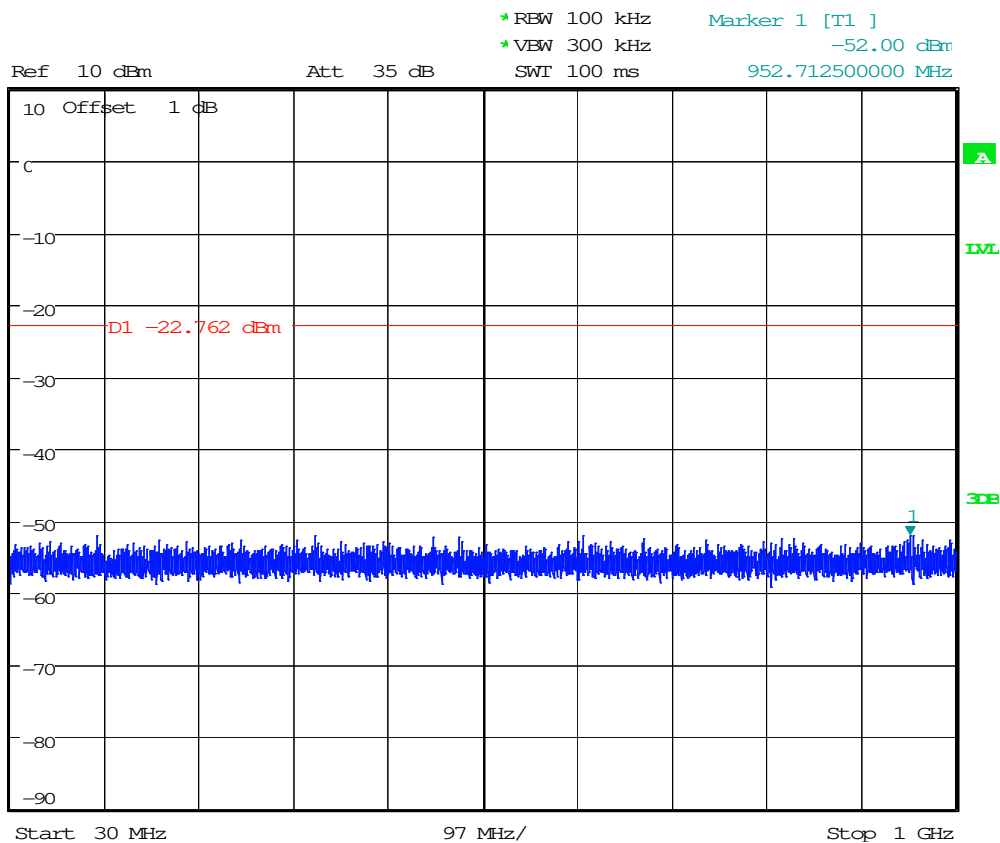
2.6 11A_165 Ant 2


1 PK
MAX


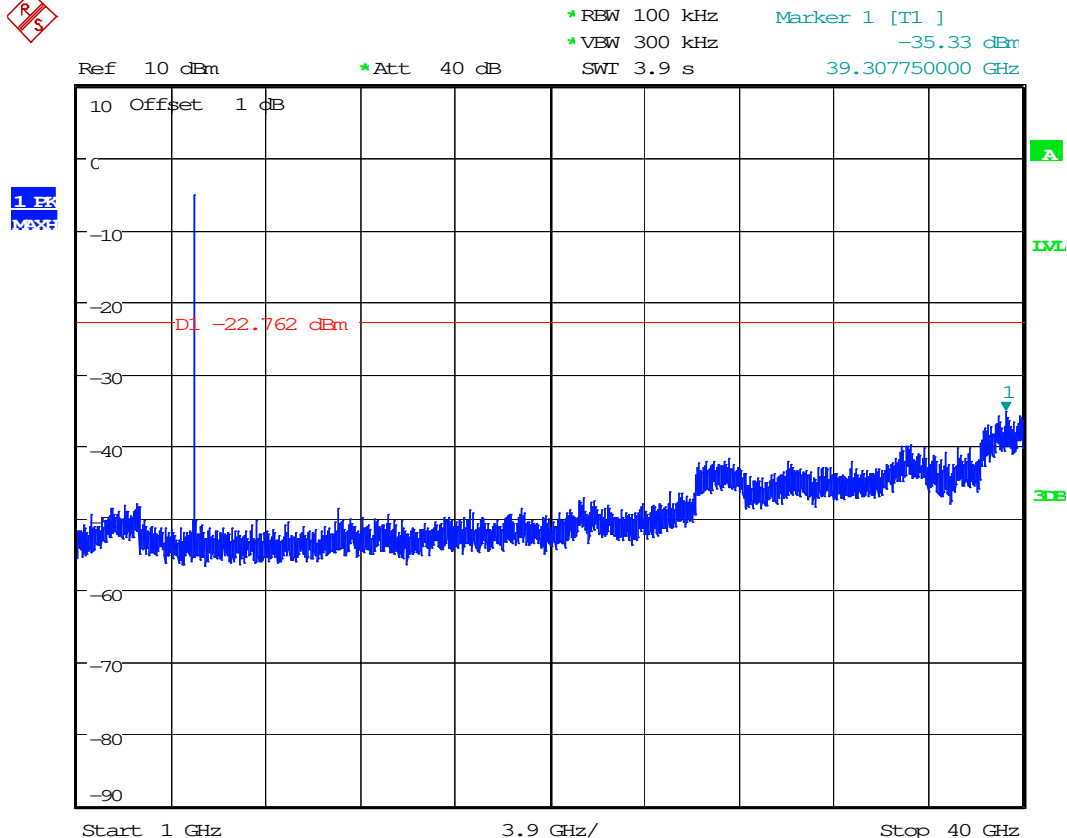
Date: 20.JUN.2014 05:20:59



1 EK
MAX



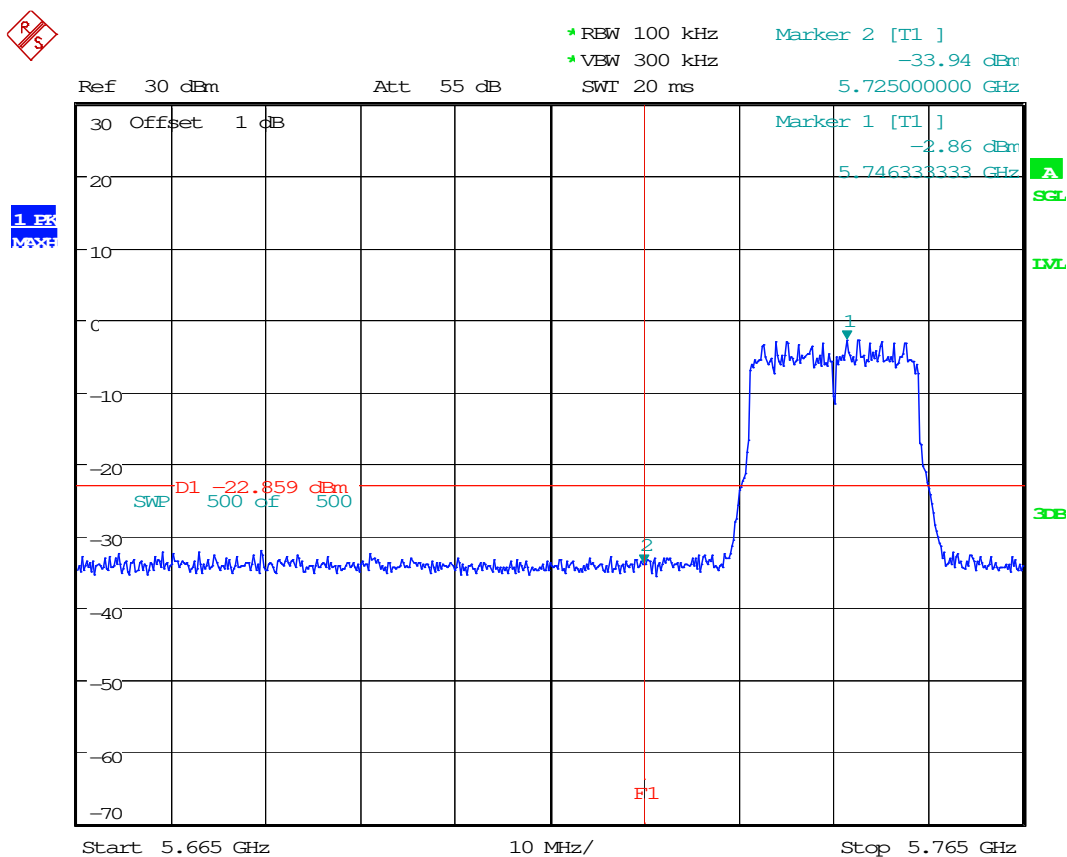
Date: 20.JUN.2014 05:21:15



Date: 20.JUN.2014 05:21:31



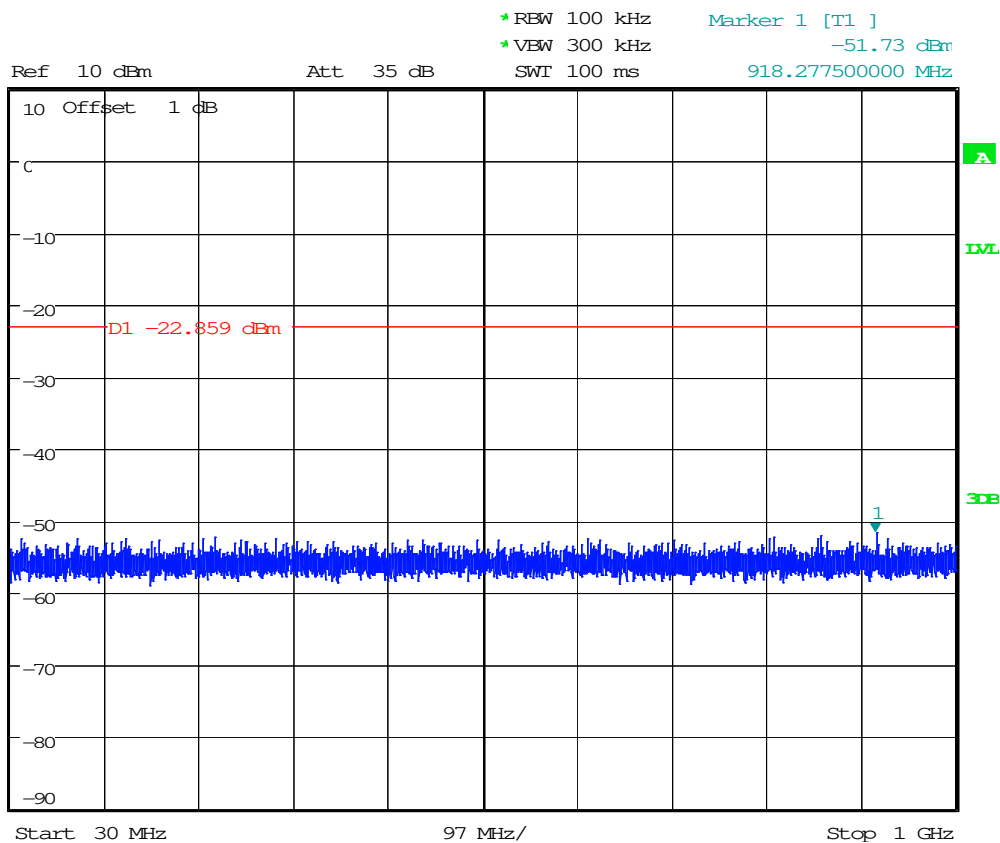
2.7 11N20_149 Ant 1



Date: 20.JUN.2014 05:26:35



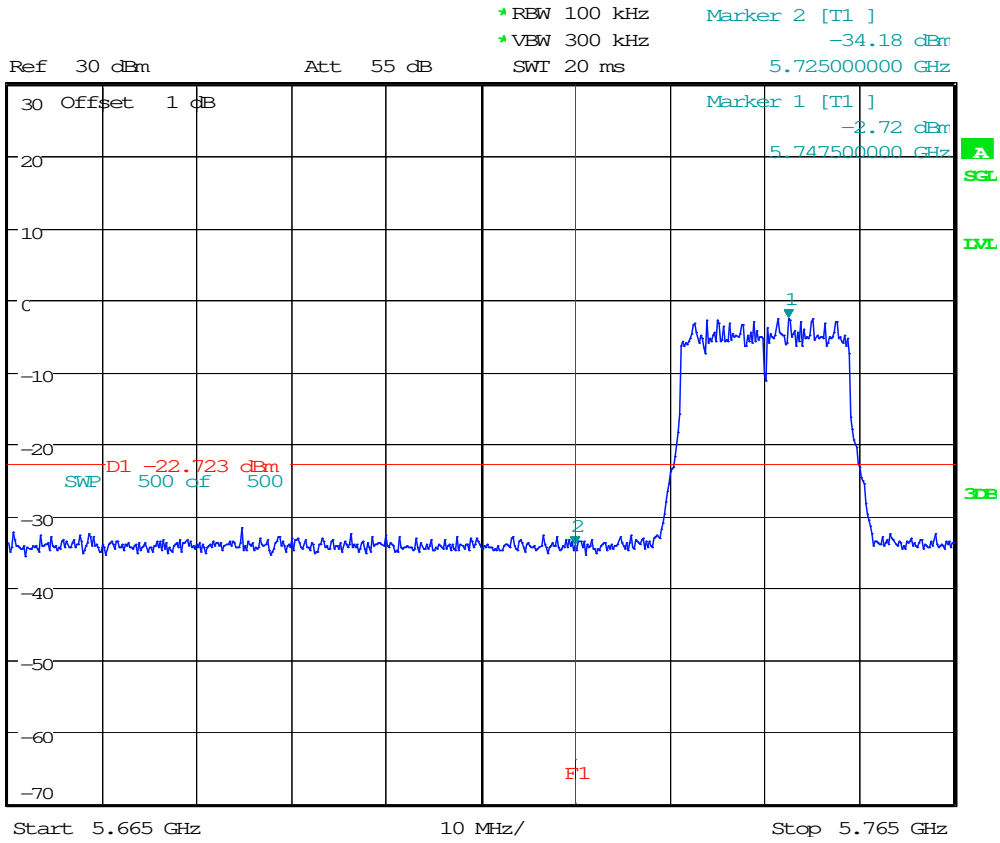
1. EK
100%



Date: 20.JUN.2014 05:26:51



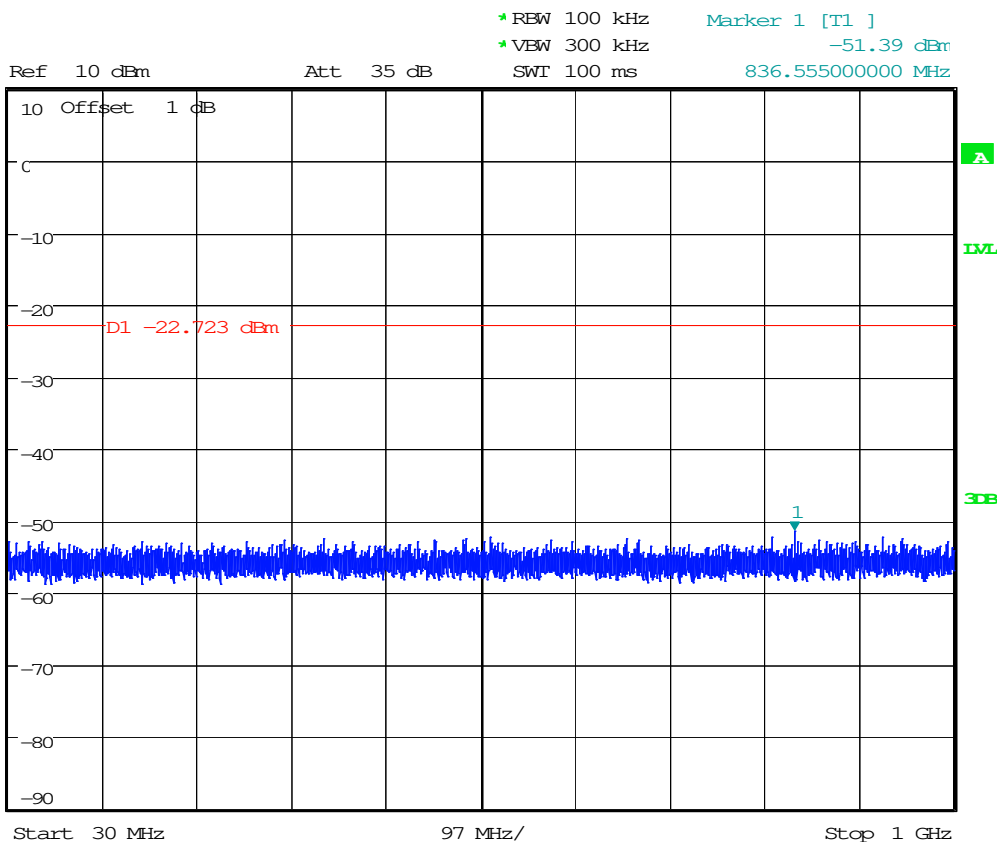
2.8 11N20_149 Ant 2



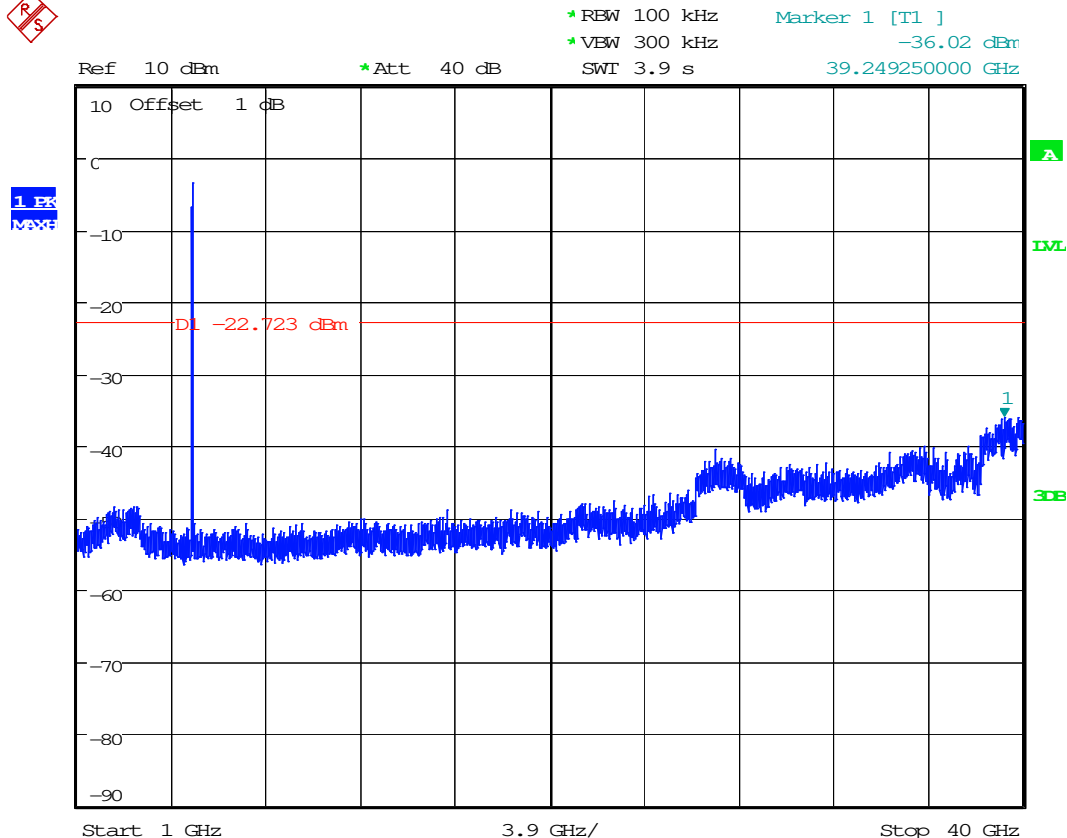
Date: 20.JUN.2014 05:42:16



1. EK
10.00



Date: 20.JUN.2014 05:42:31

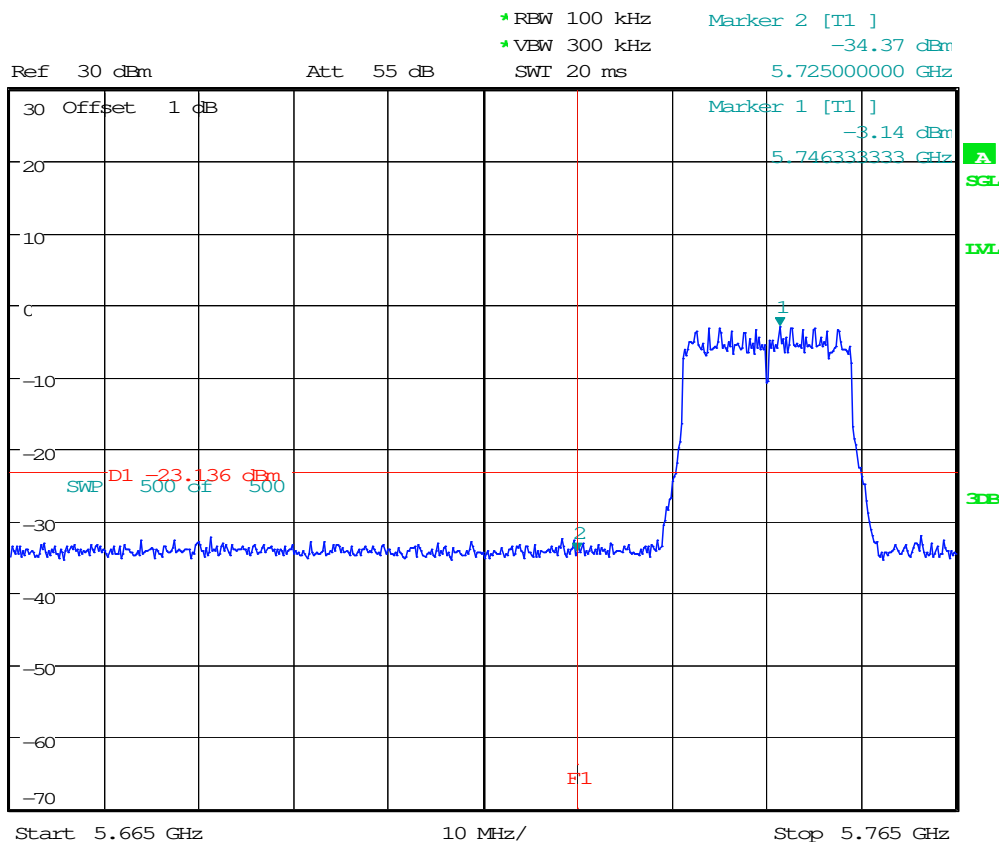


Date: 20.JUN.2014 05:42:47

2.9 11N20M_149 Ant 1



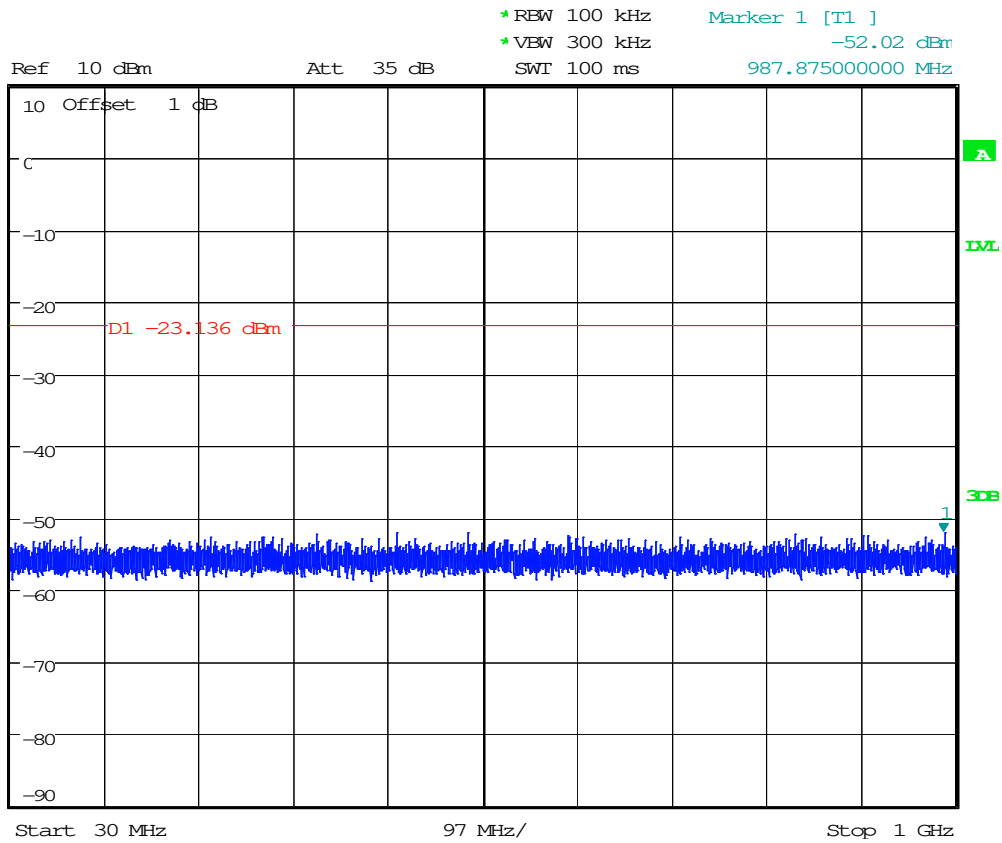
1 EK
MAX



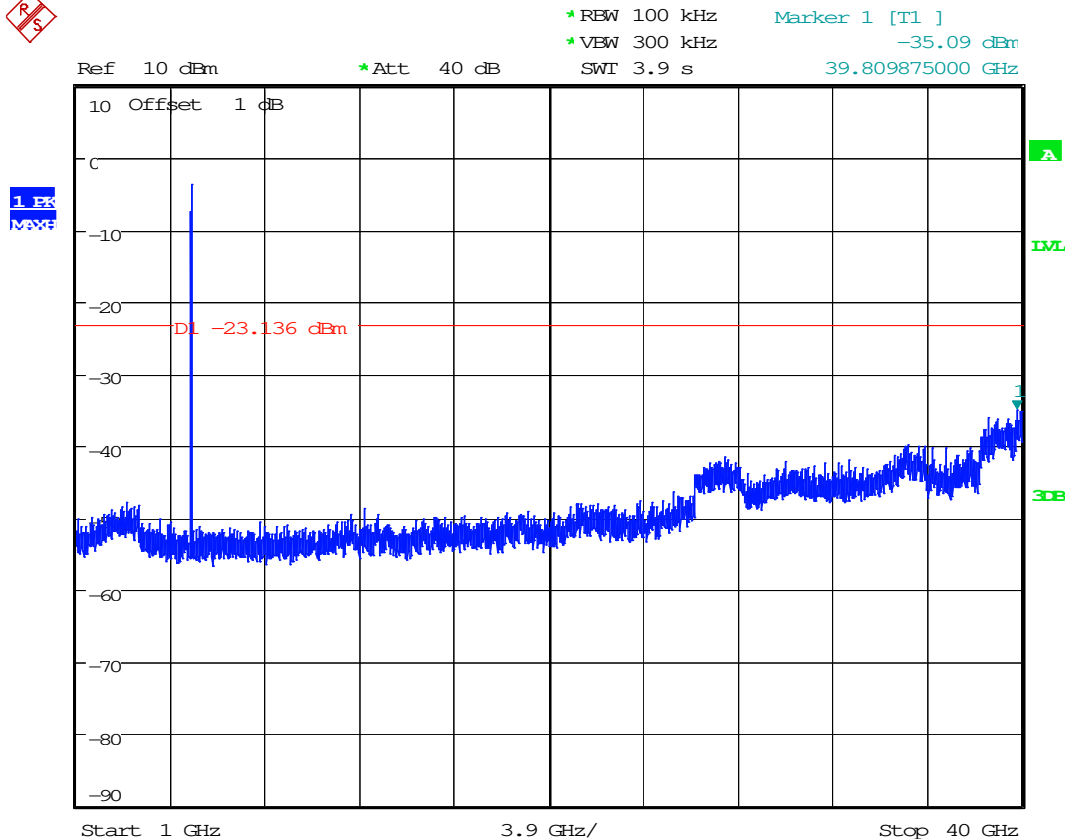
Date: 20.JUN.2014 06:39:10



1 EK
MAX



Date: 20.JUN.2014 06:39:25

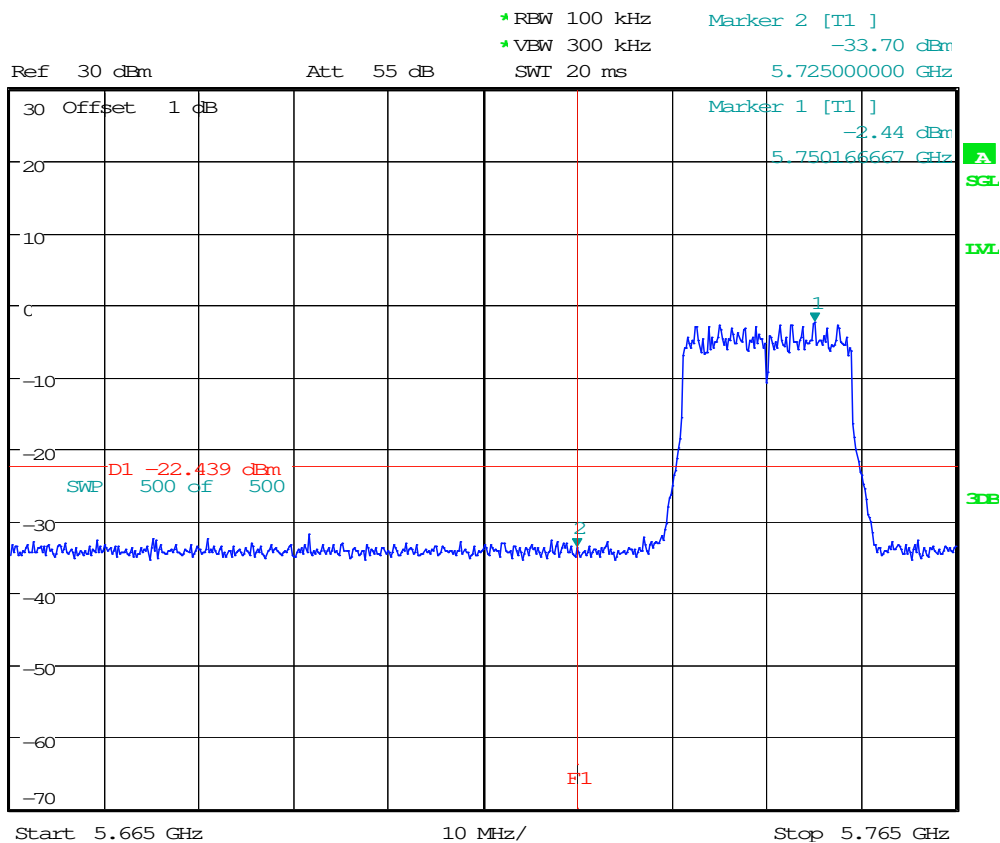


Date: 20.JUN.2014 06:39:41

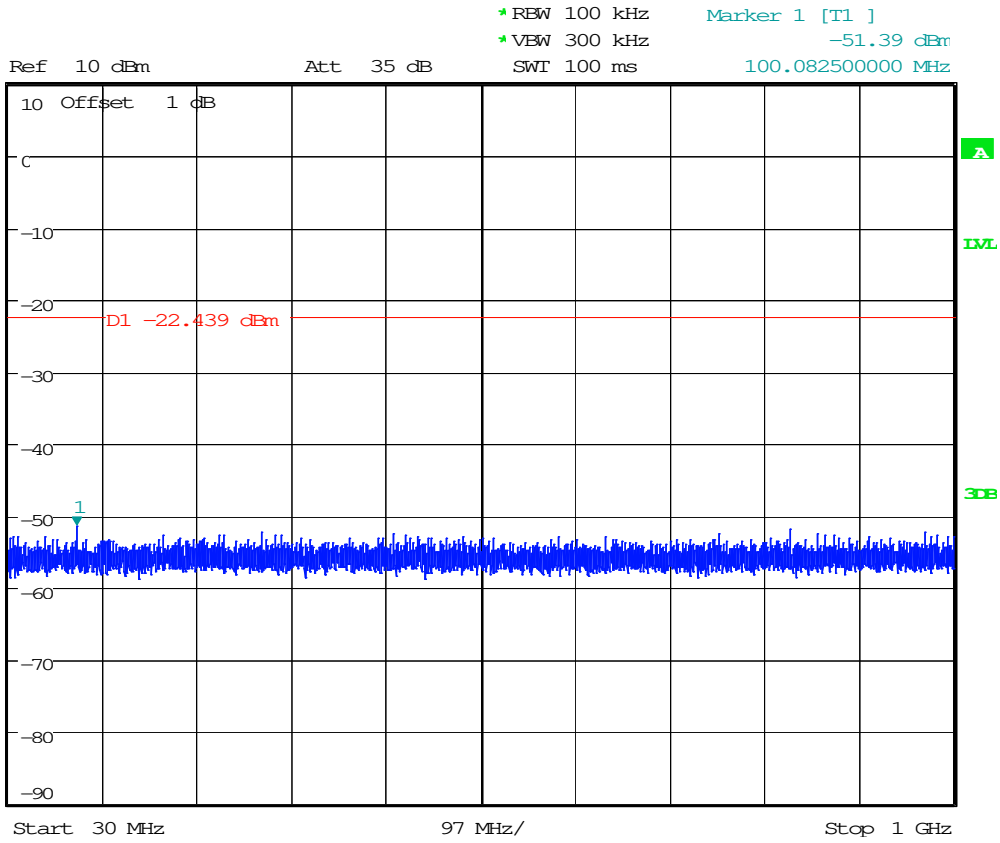
2.10 11N20M_149 Ant 2



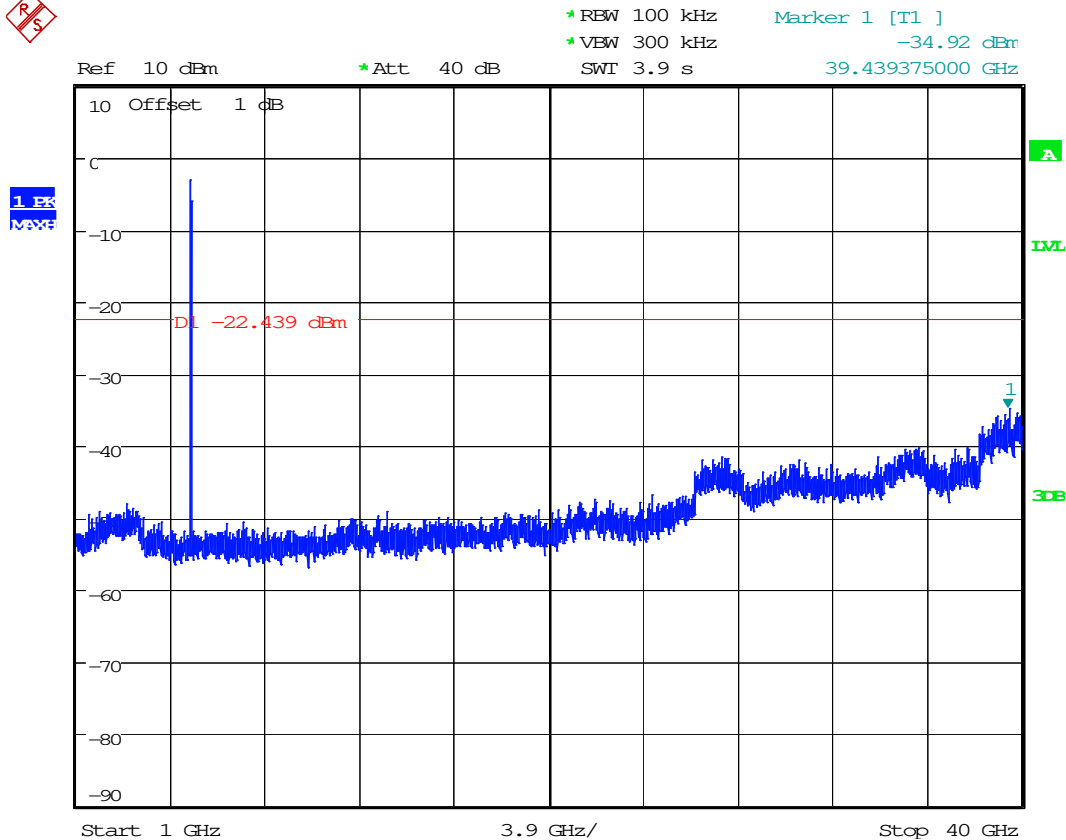
1 EK
MAX



Date: 20.JUN.2014 06:45:14

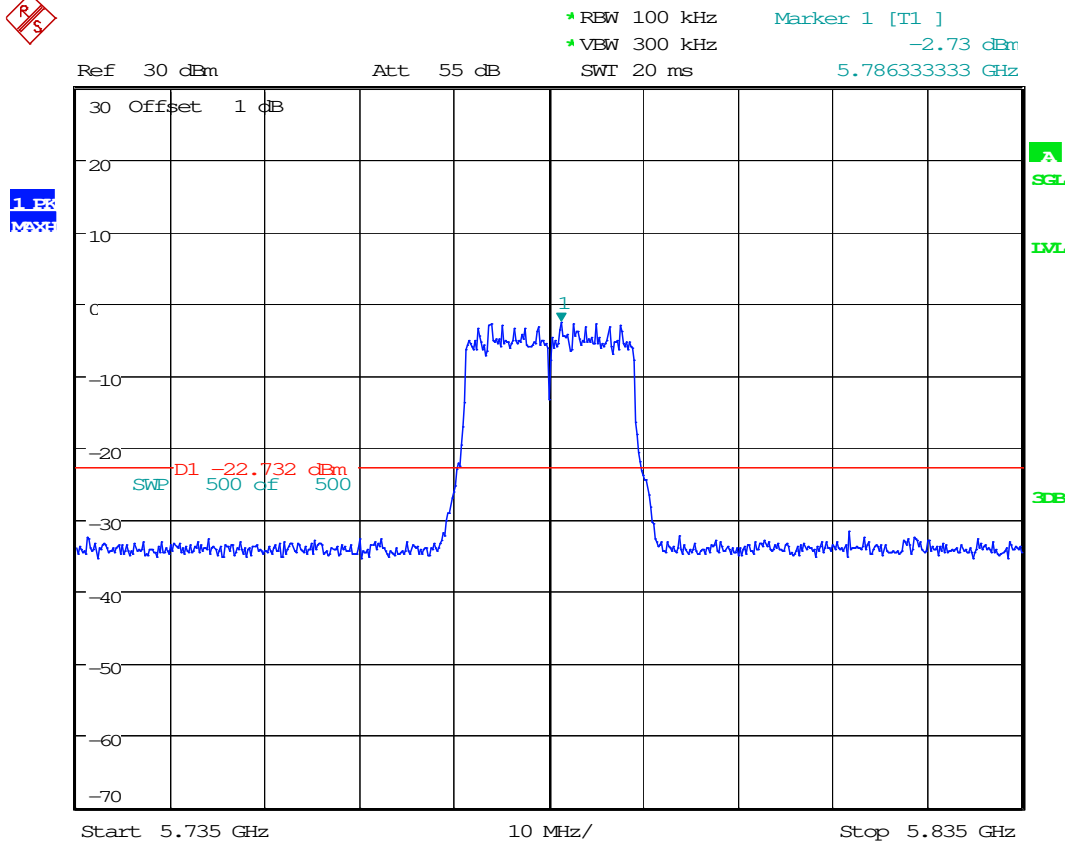


Date: 20.JUN.2014 06:45:29



Date: 20.JUN.2014 06:45:45

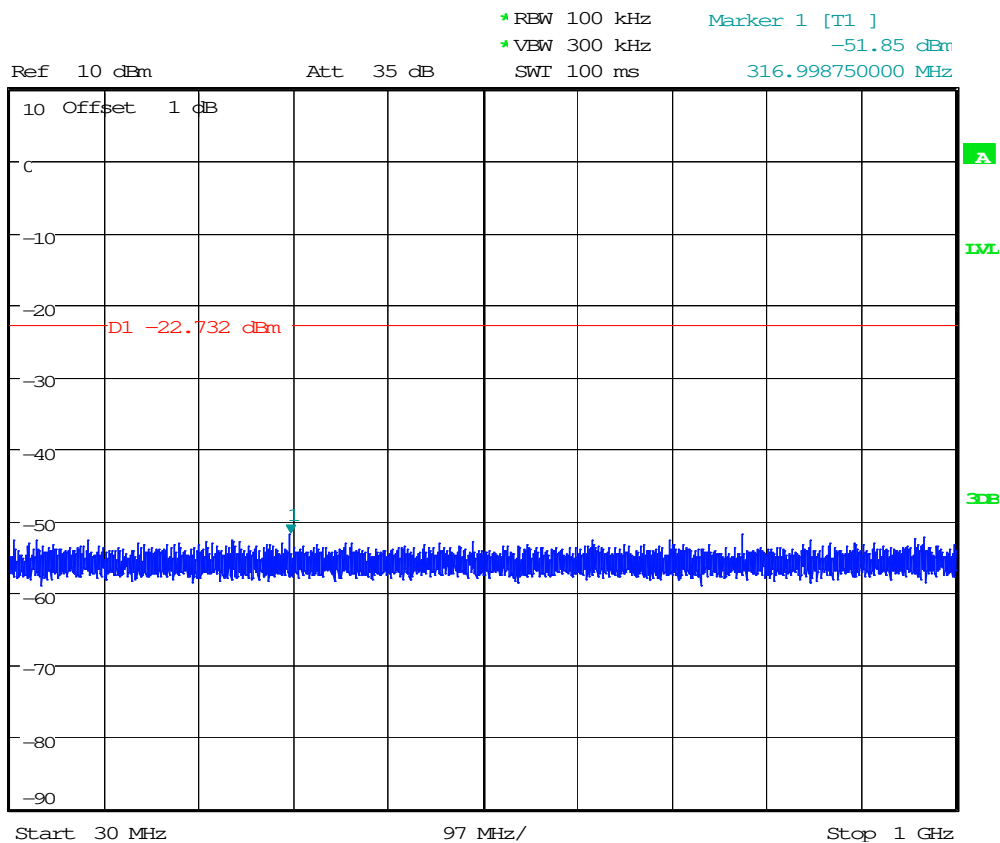
2.11 11N20_157 Ant 1



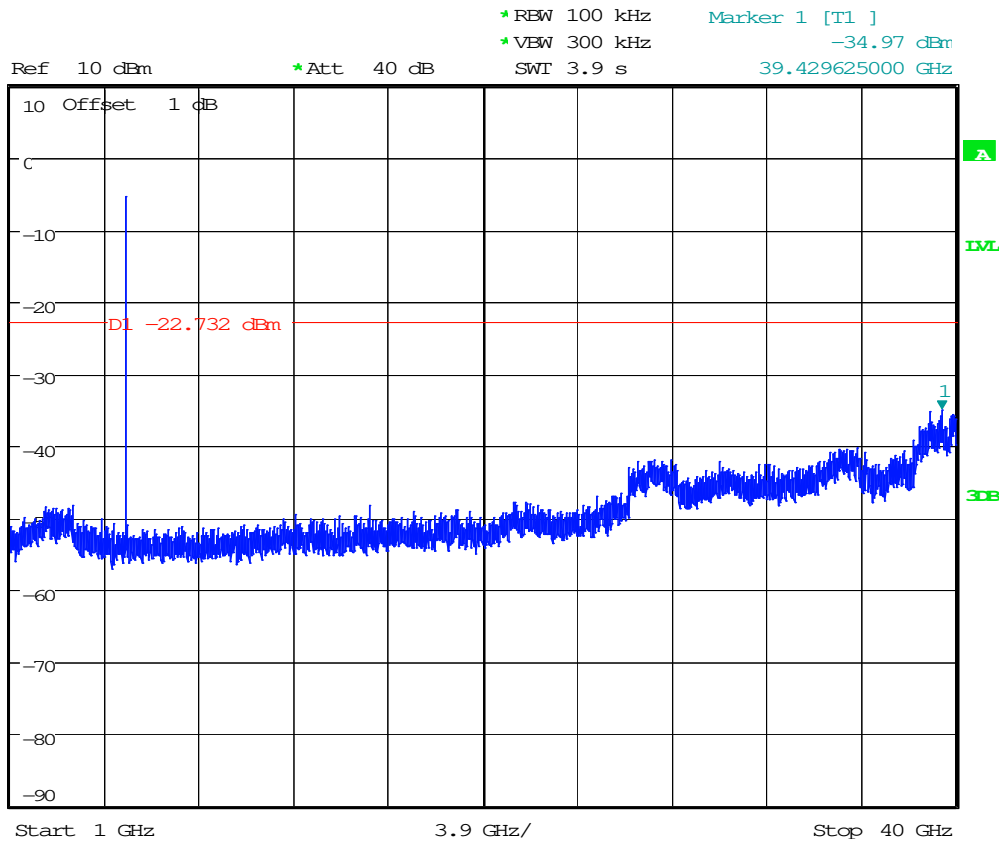
Date: 20.JUN.2014 05:29:25



1. EK
100%



Date: 20.JUN.2014 05:29:40

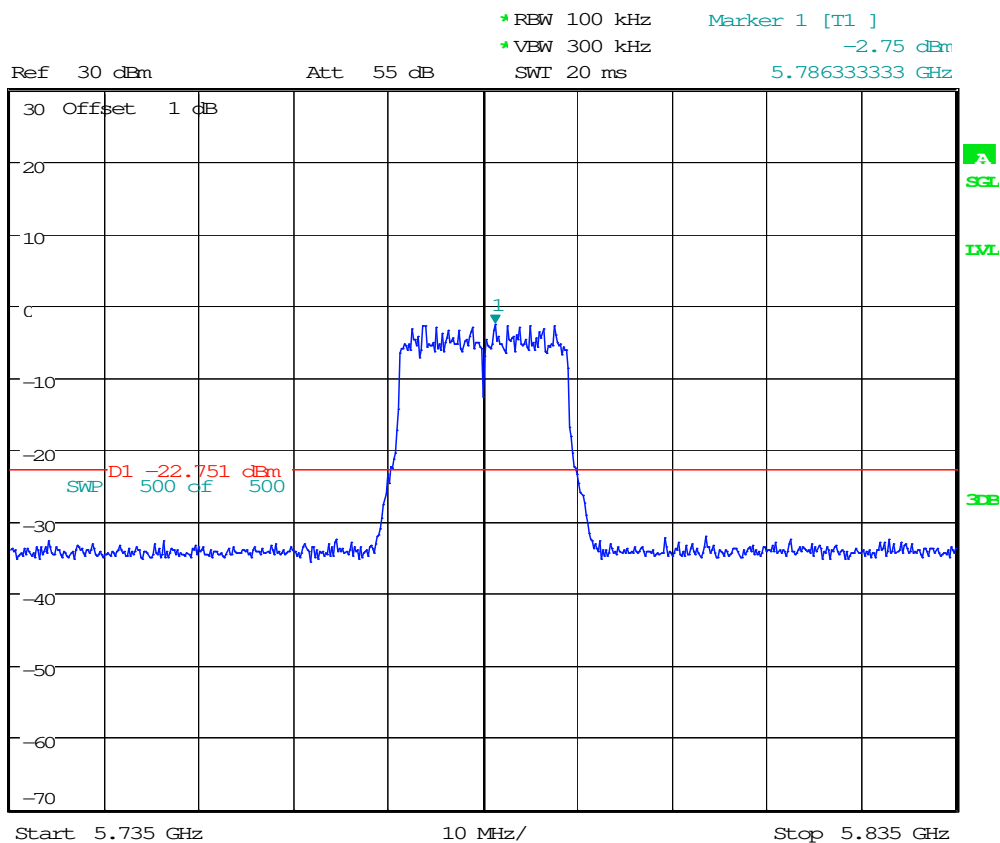
1 EK
MAX

Date: 20.JUN.2014 05:29:56

2.12 11N20_157 Ant 2



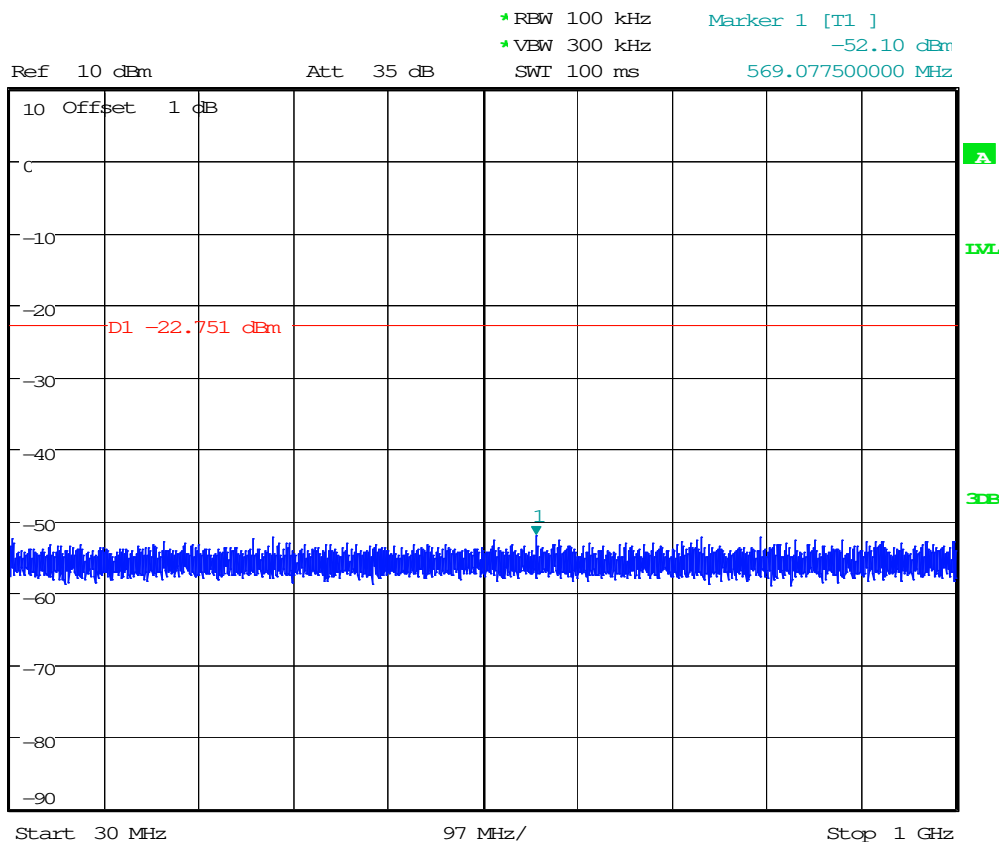
1.33
1.33



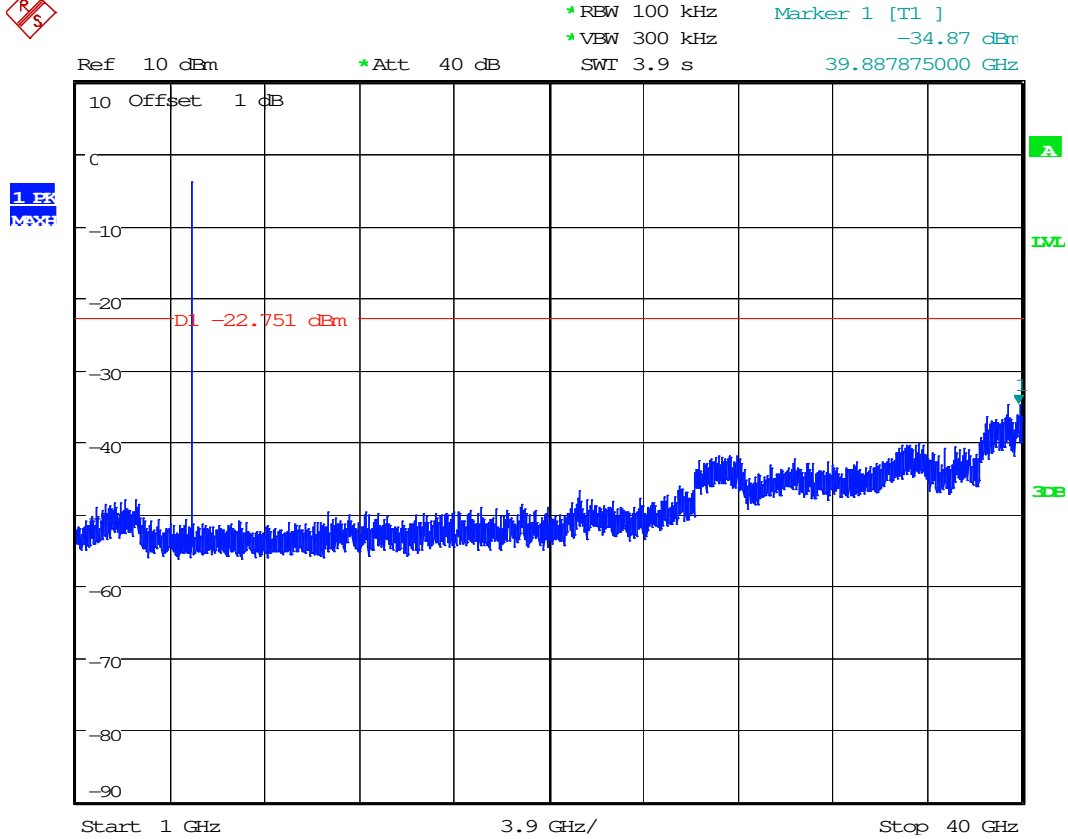
Date: 20.JUN.2014 05:43:44



1 EK
MAX

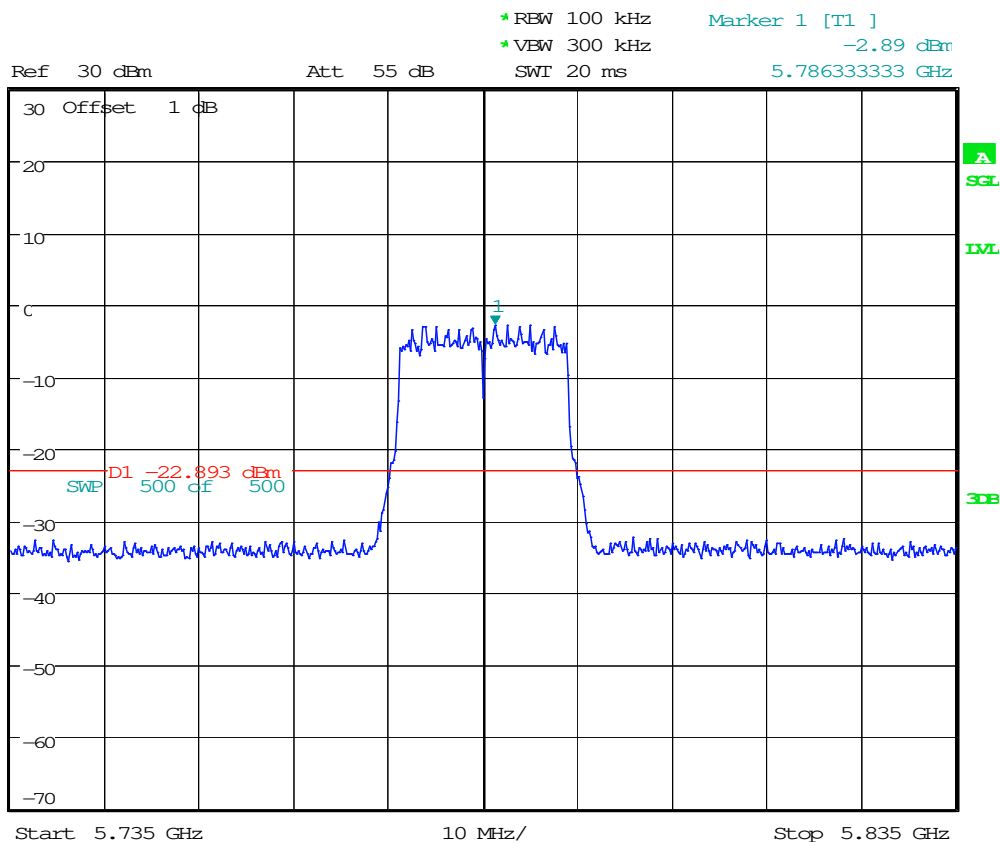


Date: 20.JUN.2014 05:43:59



Date: 20.JUN.2014 05:44:15

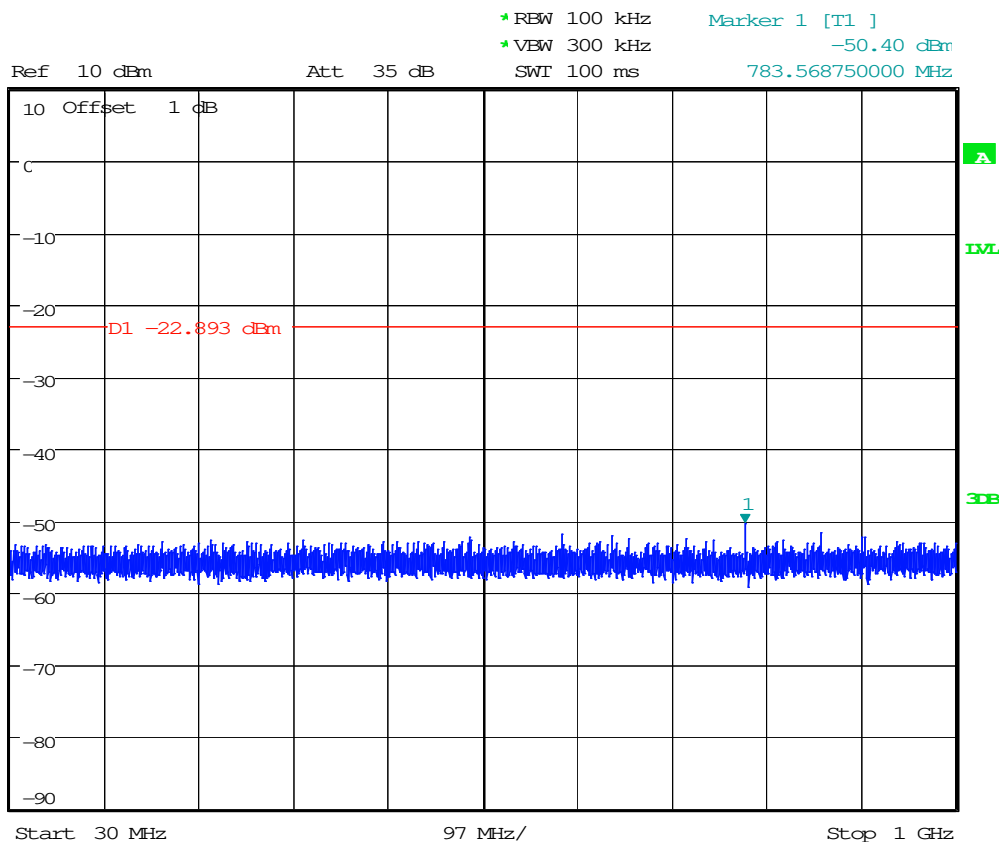
2.13 11N20M_157 Ant 1


1 PK
MAX


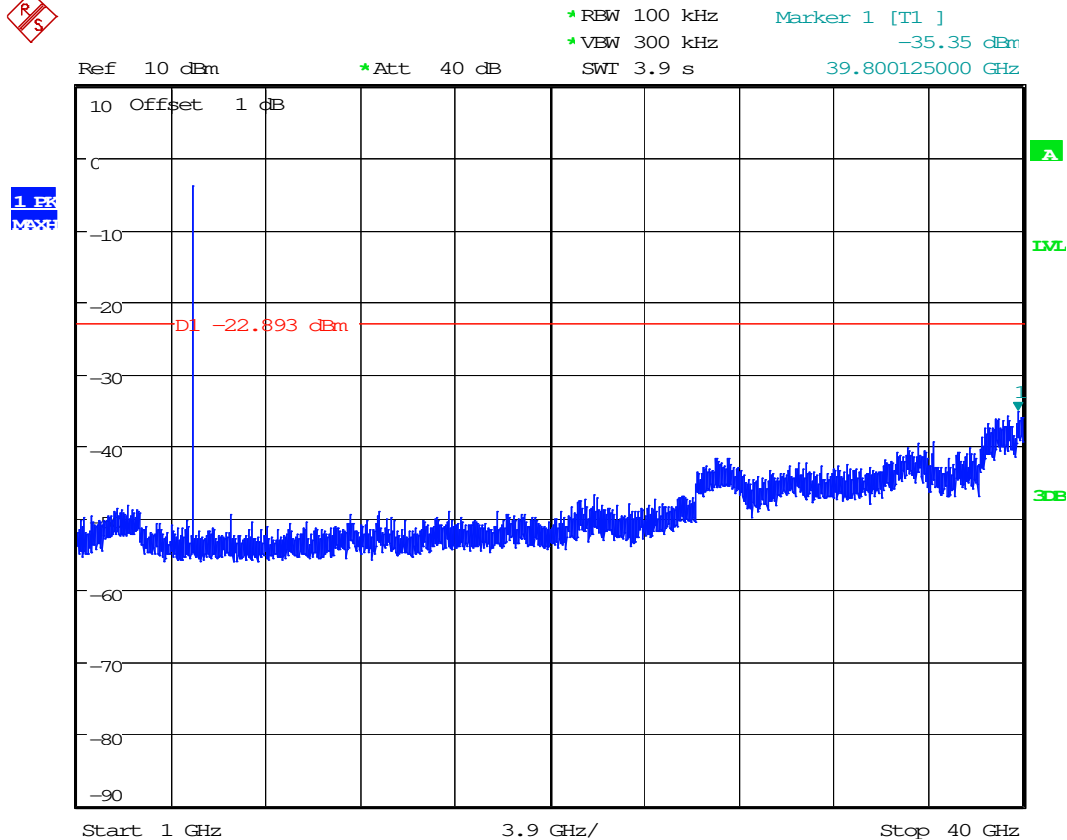
Date: 20.JUN.2014 06:40:48



1 EK
MAX



Date: 20.JUN.2014 06:41:03

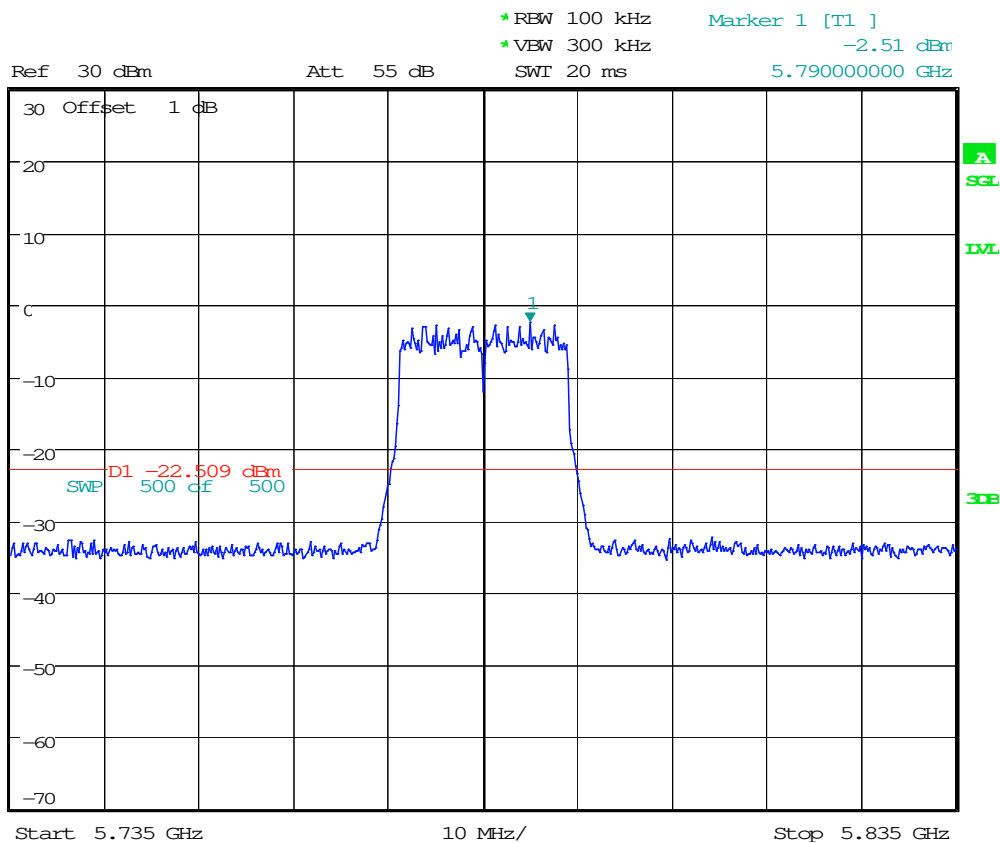


Date: 20.JUN.2014 06:41:19

2.14 11N20M_157 Ant 2



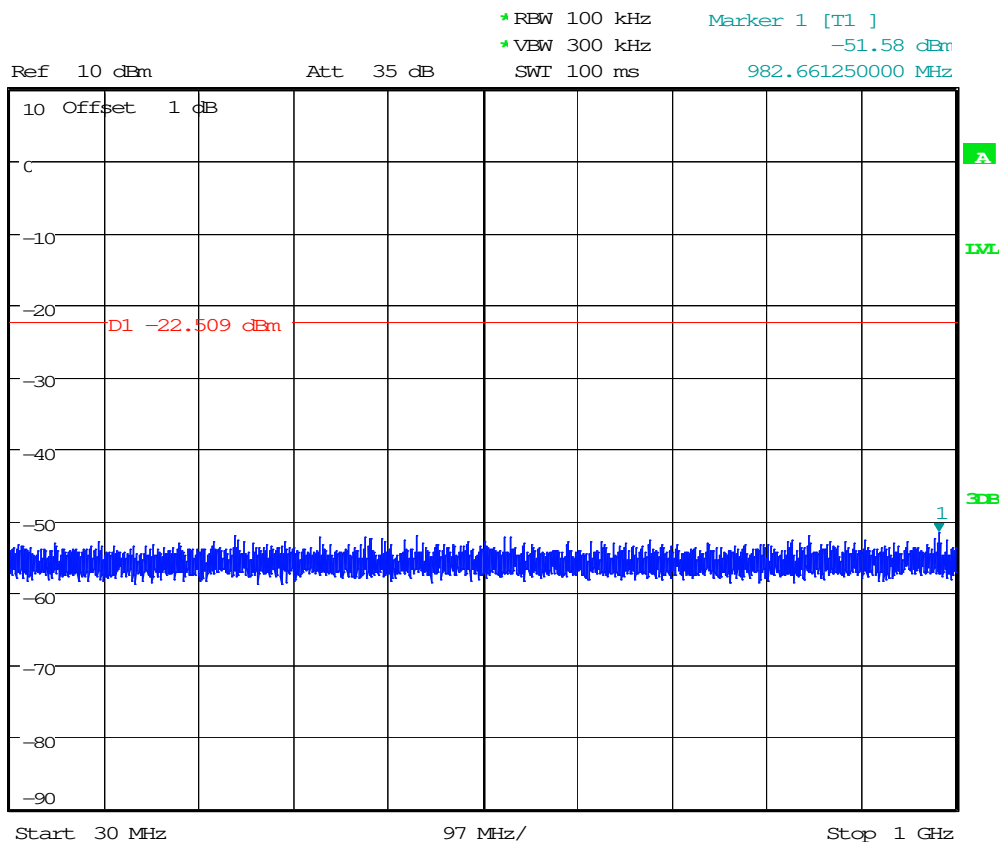
1 EK
MAX



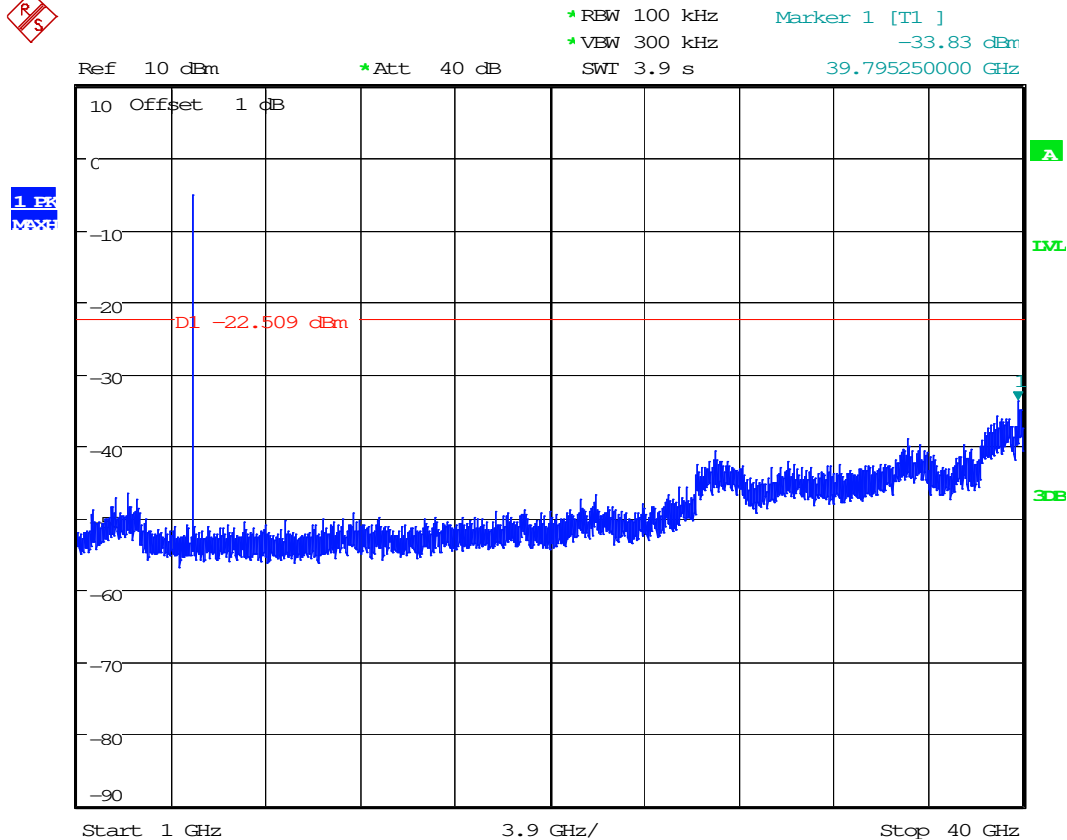
Date: 20.JUN.2014 06:46:36



1. EK
MAX

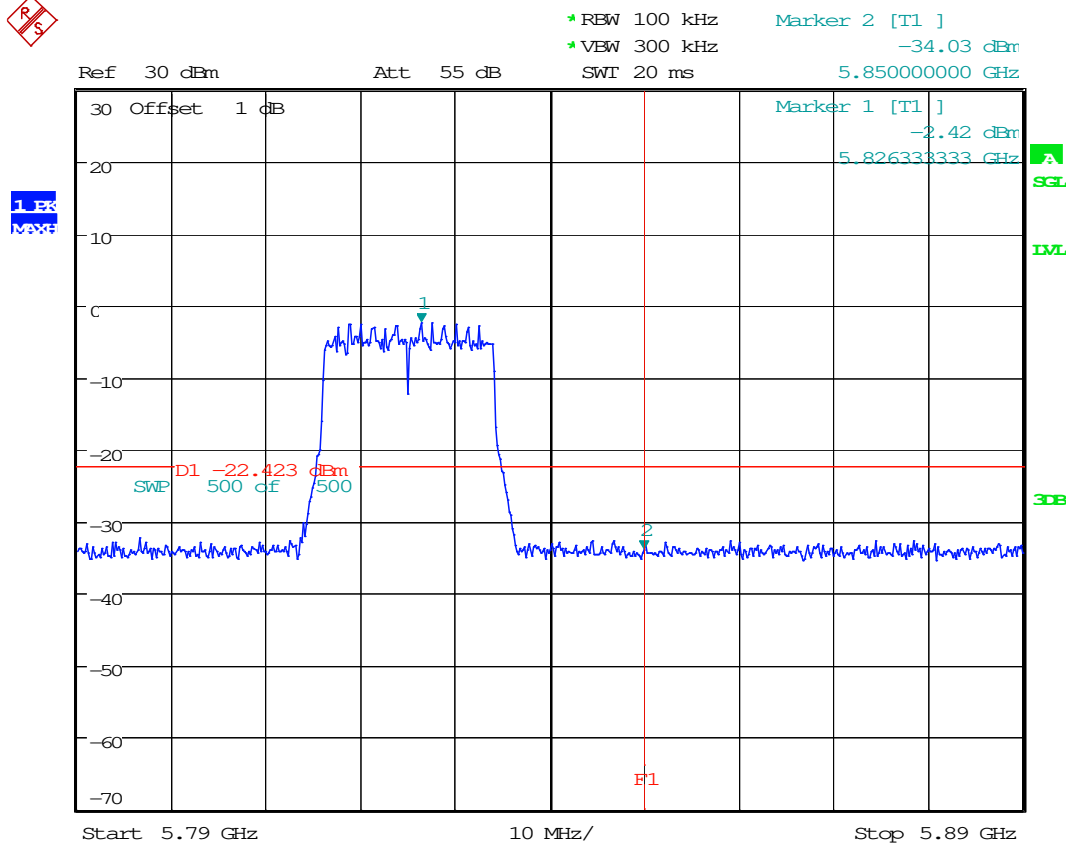


Date: 20.JUN.2014 06:46:51



Date: 20.JUN.2014 06:47:07

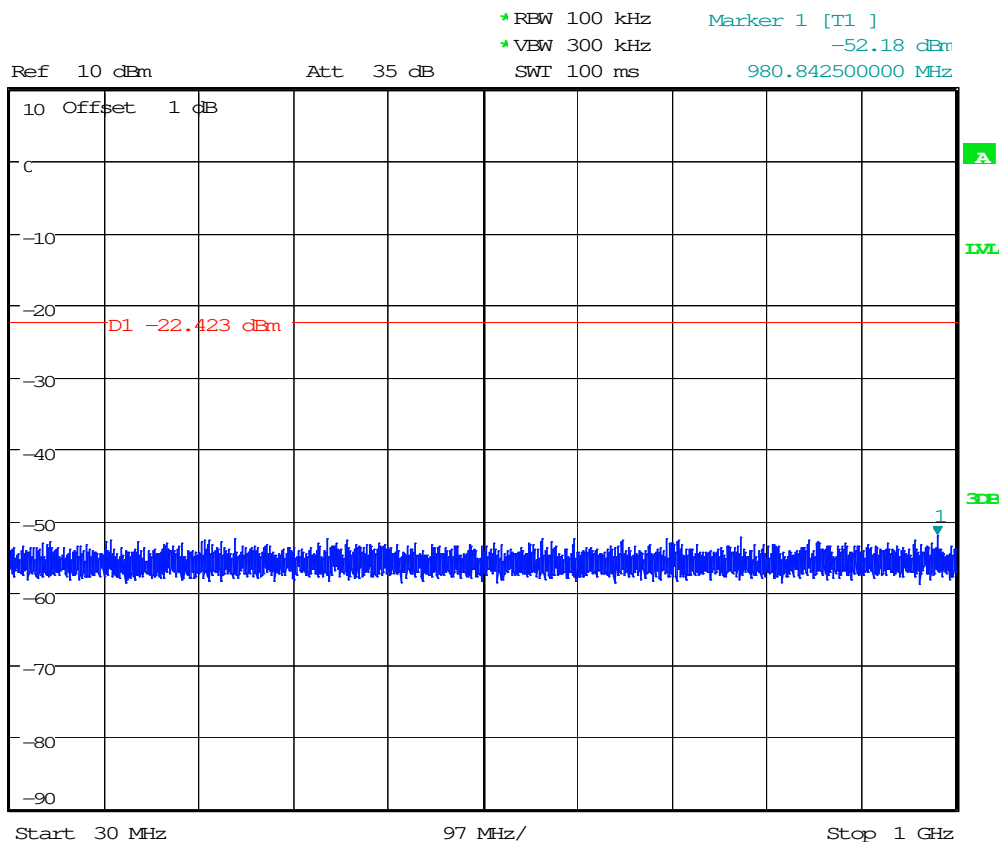
2.15 11N20_165 Ant 1



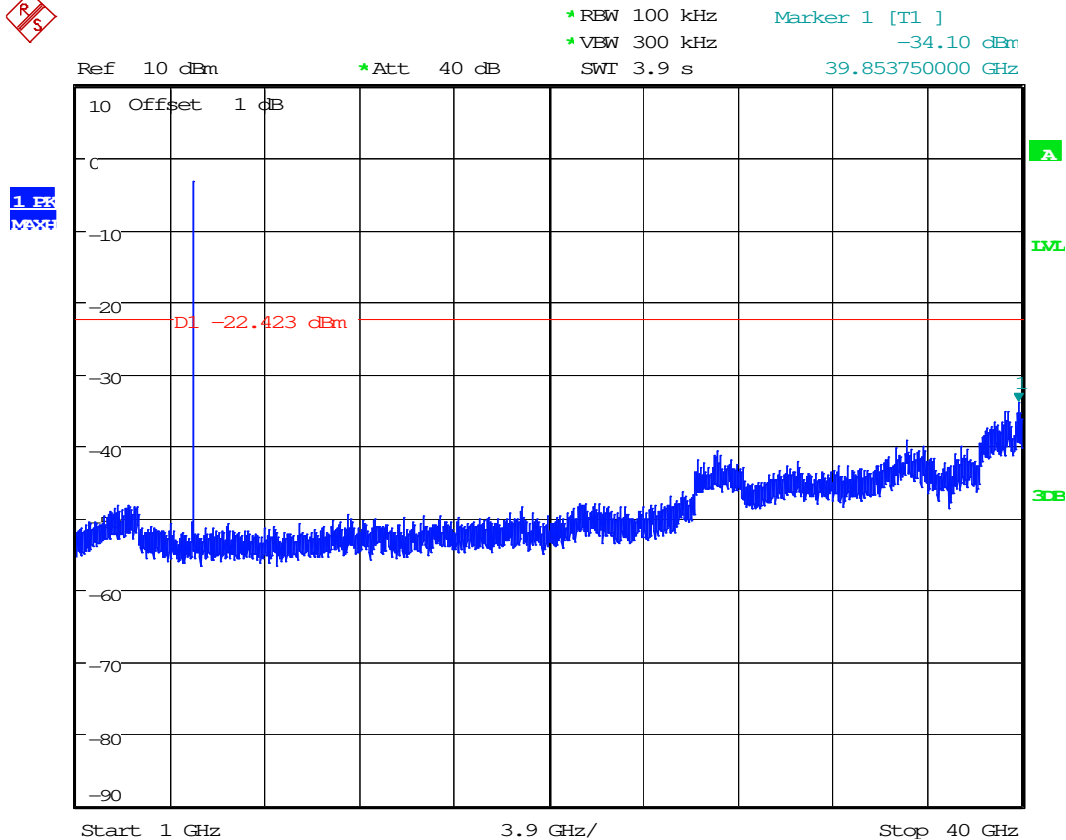
Date: 20.JUN.2014 05:36:23



1. EK
100%



Date: 20.JUN.2014 05:36:39

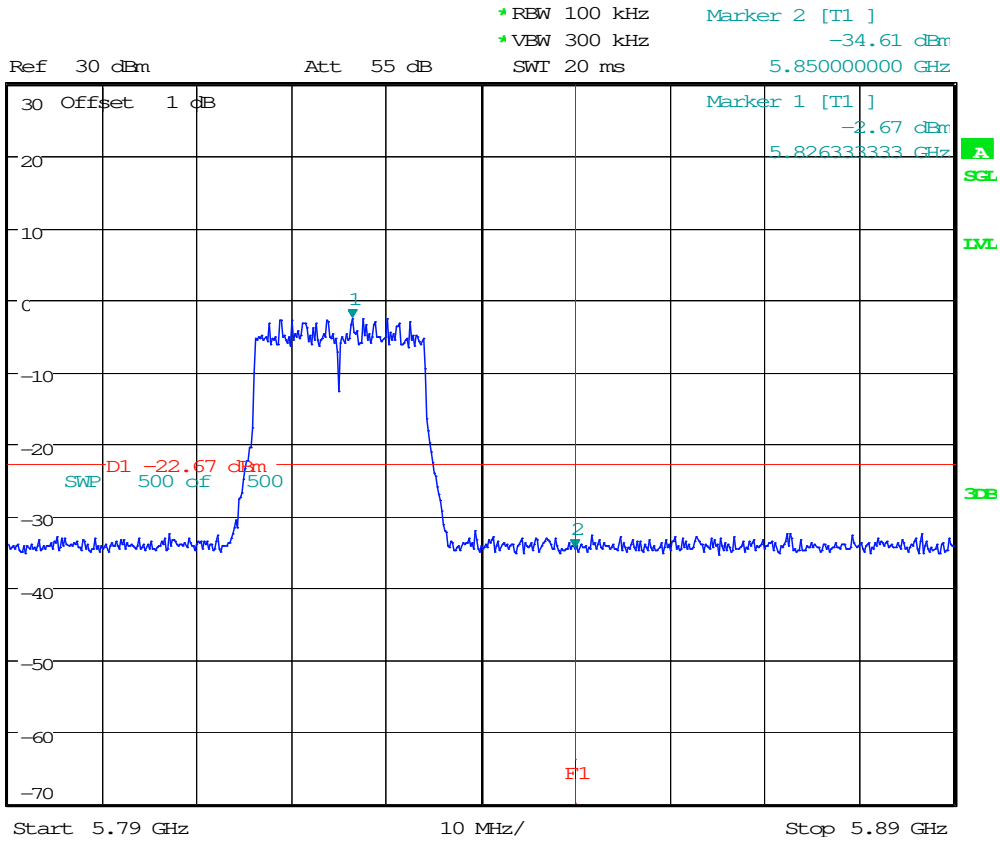


Date: 20.JUN.2014 05:36:55

2.16 11N20_165 Ant 2



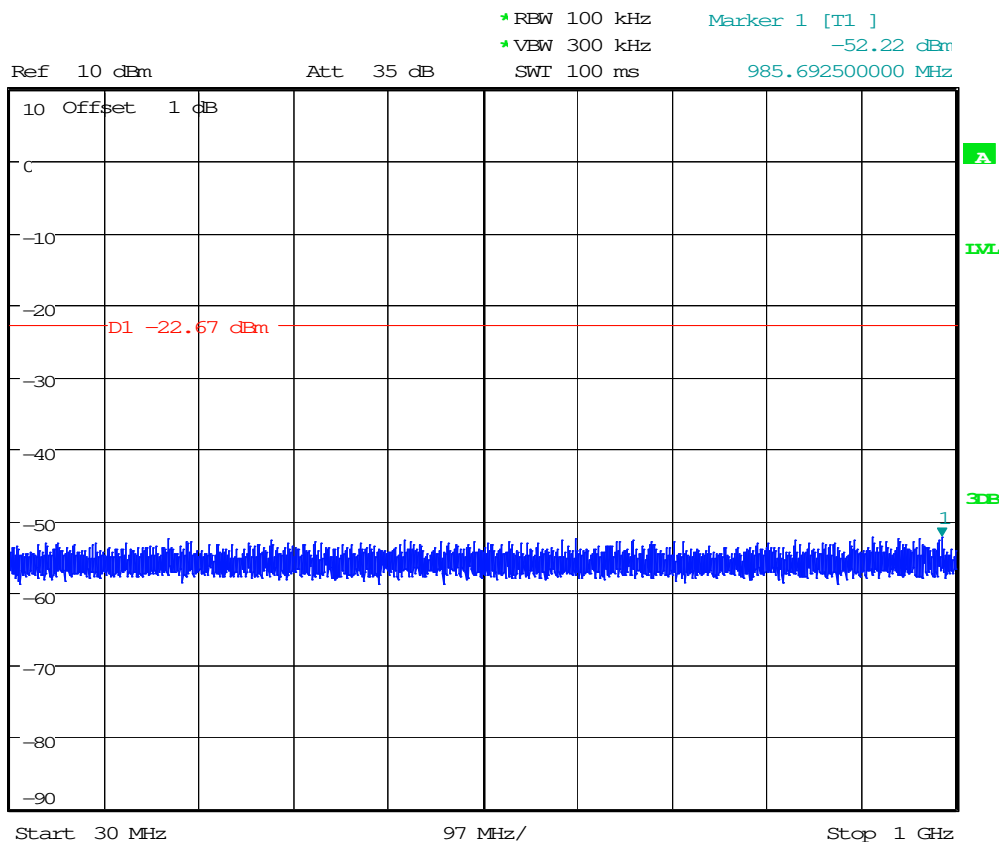
1 EK
MAX



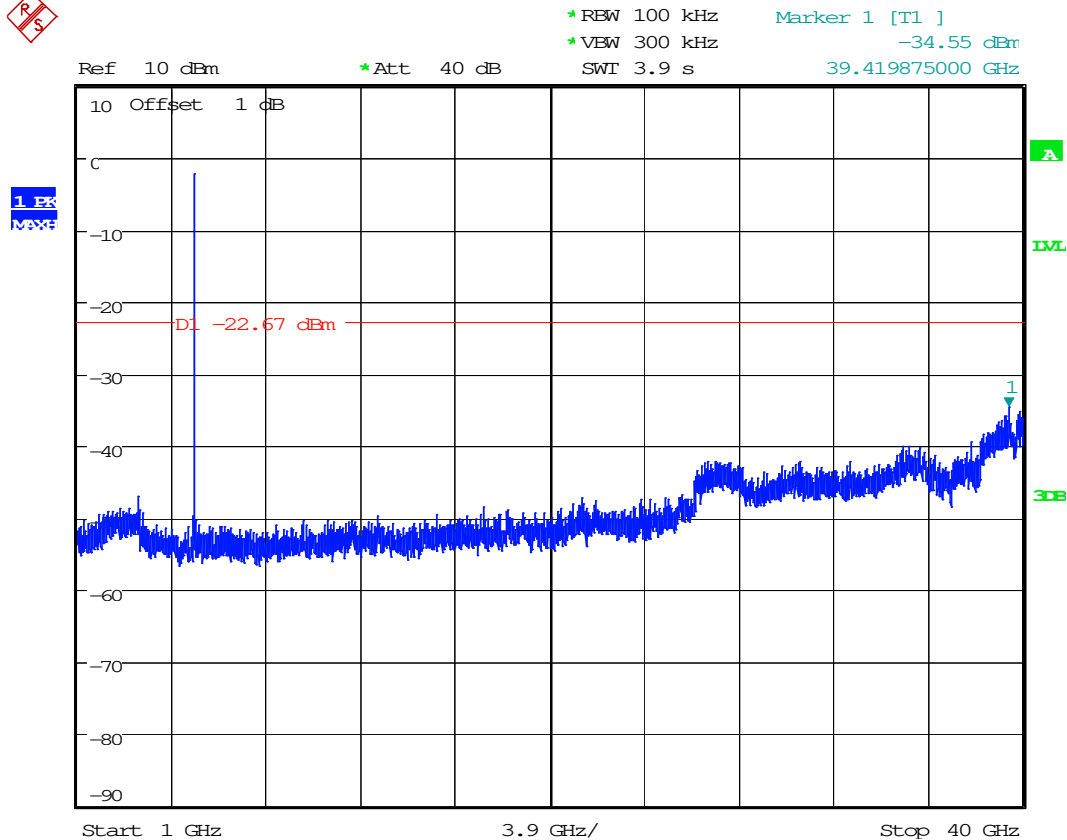
Date: 20.JUN.2014 05:45:15



1 EK
MAX

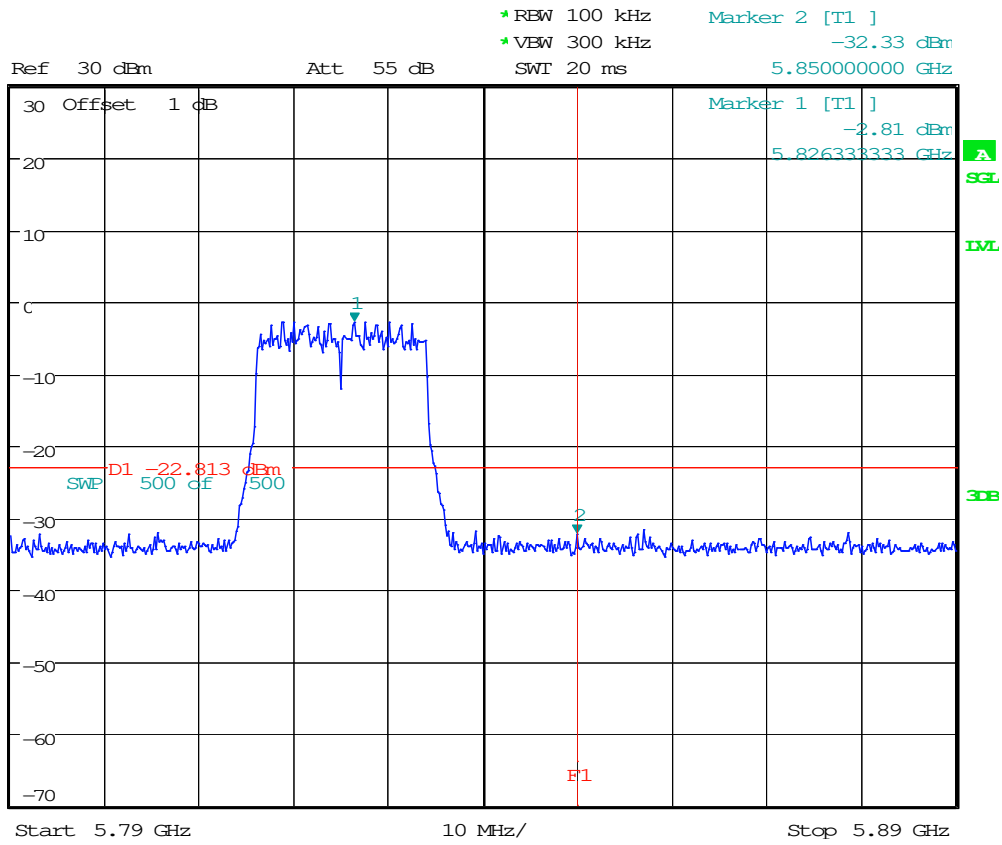


Date: 20.JUN.2014 05:45:30



Date: 20.JUN.2014 05:45:46

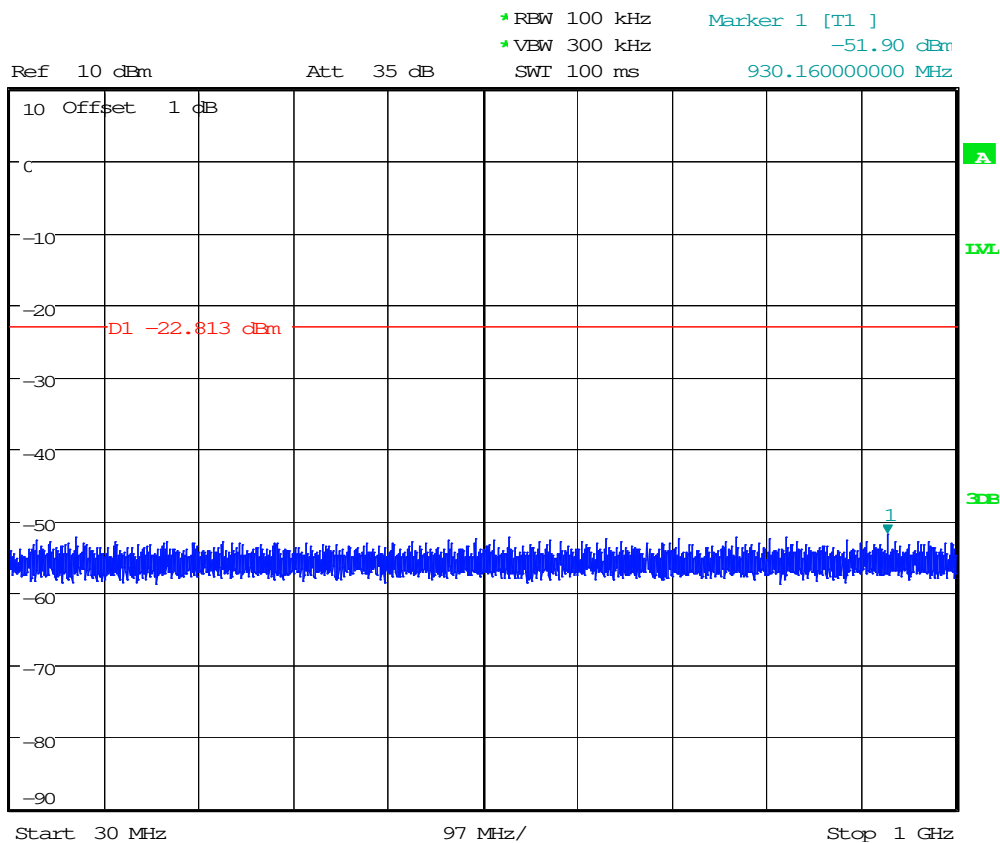
2.17 11N20M_165 Ant 1


1 EK
MAX


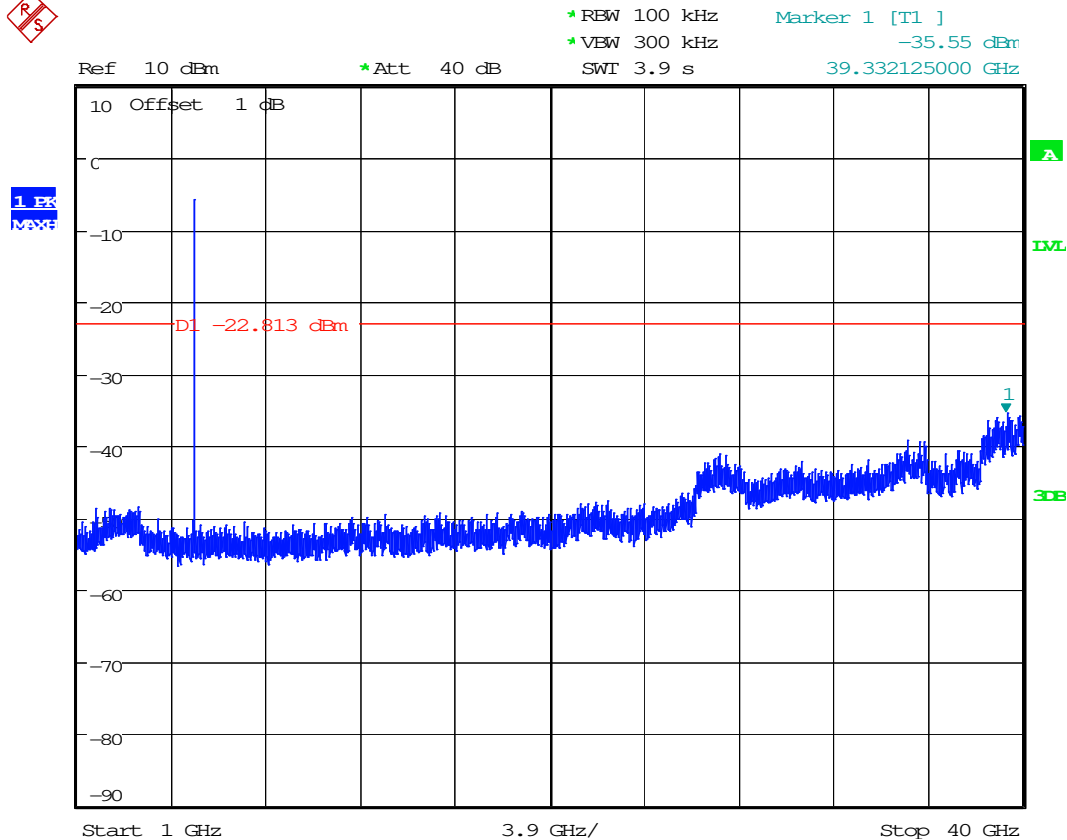
Date: 20.JUN.2014 06:42:20



1 EK
MAX



Date: 20.JUN.2014 06:42:35

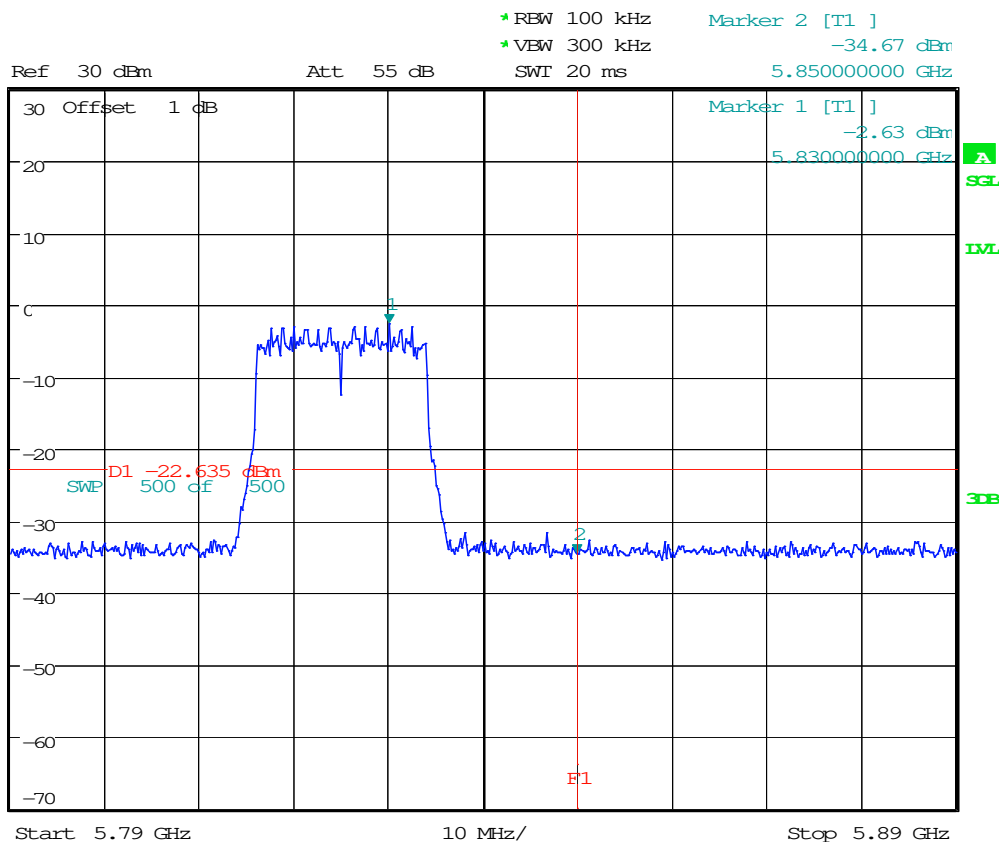


Date: 20.JUN.2014 06:42:51

2.18 11N20M_165 Ant 2



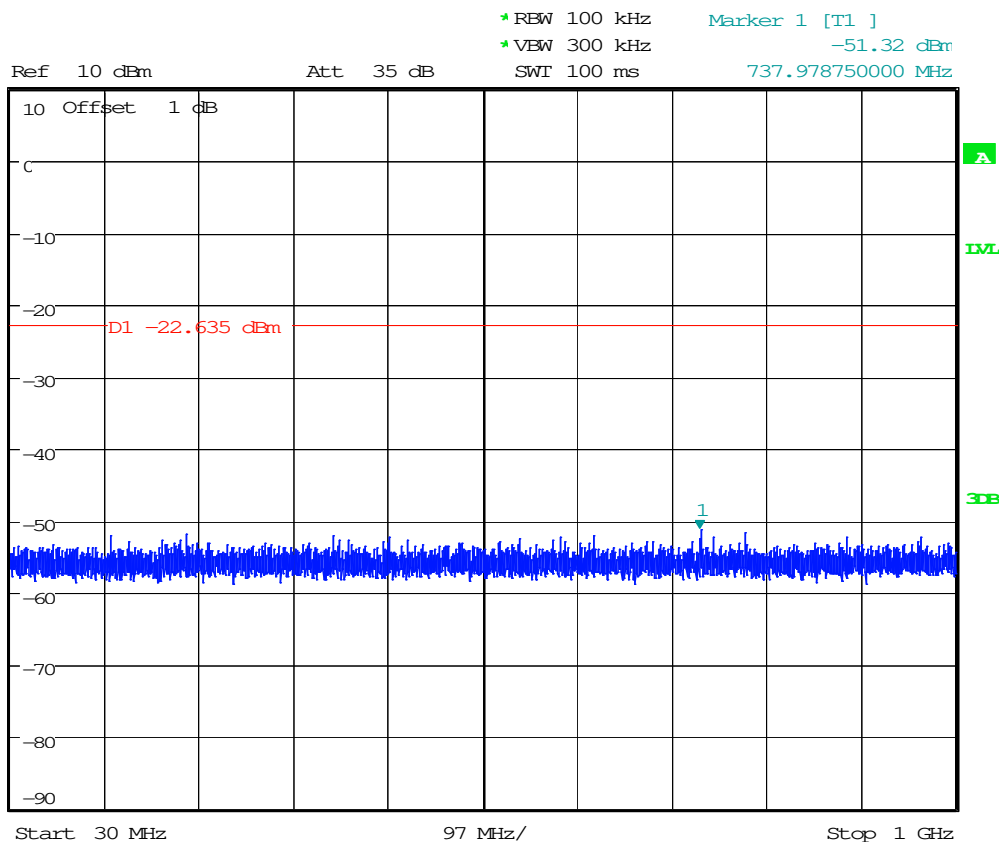
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Date: 20.JUN.2014 06:48:16



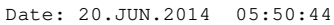
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Date: 20.JUN.2014 06:48:31

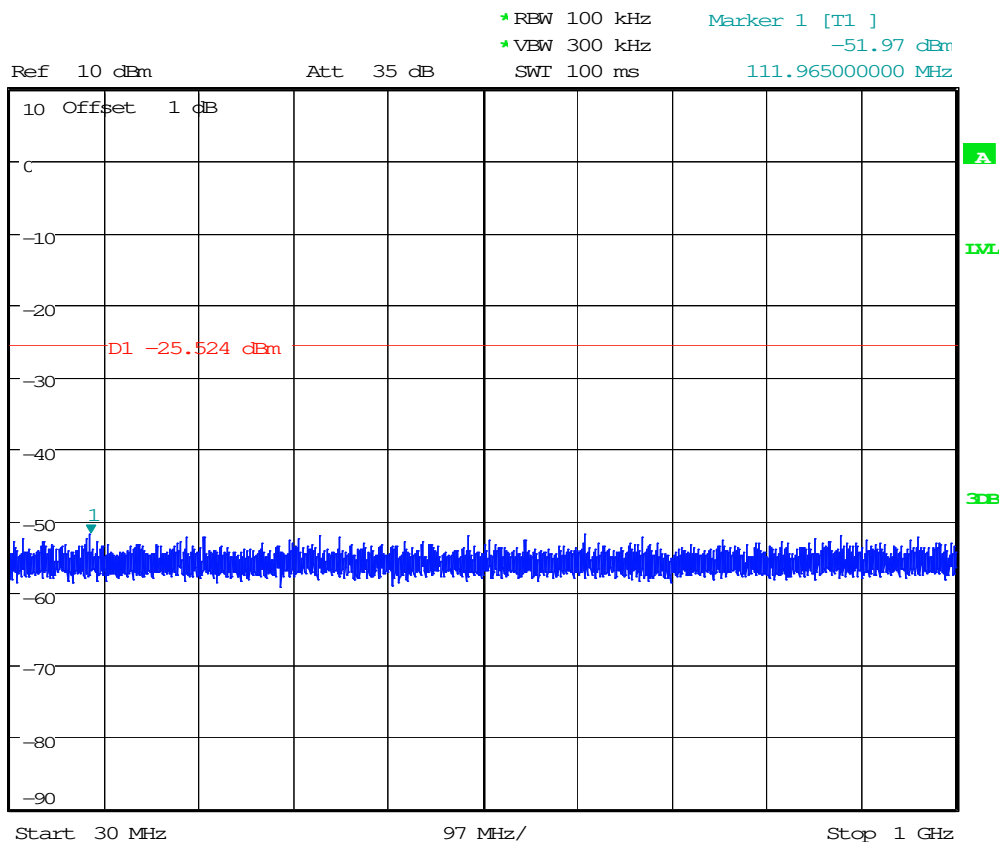


3D

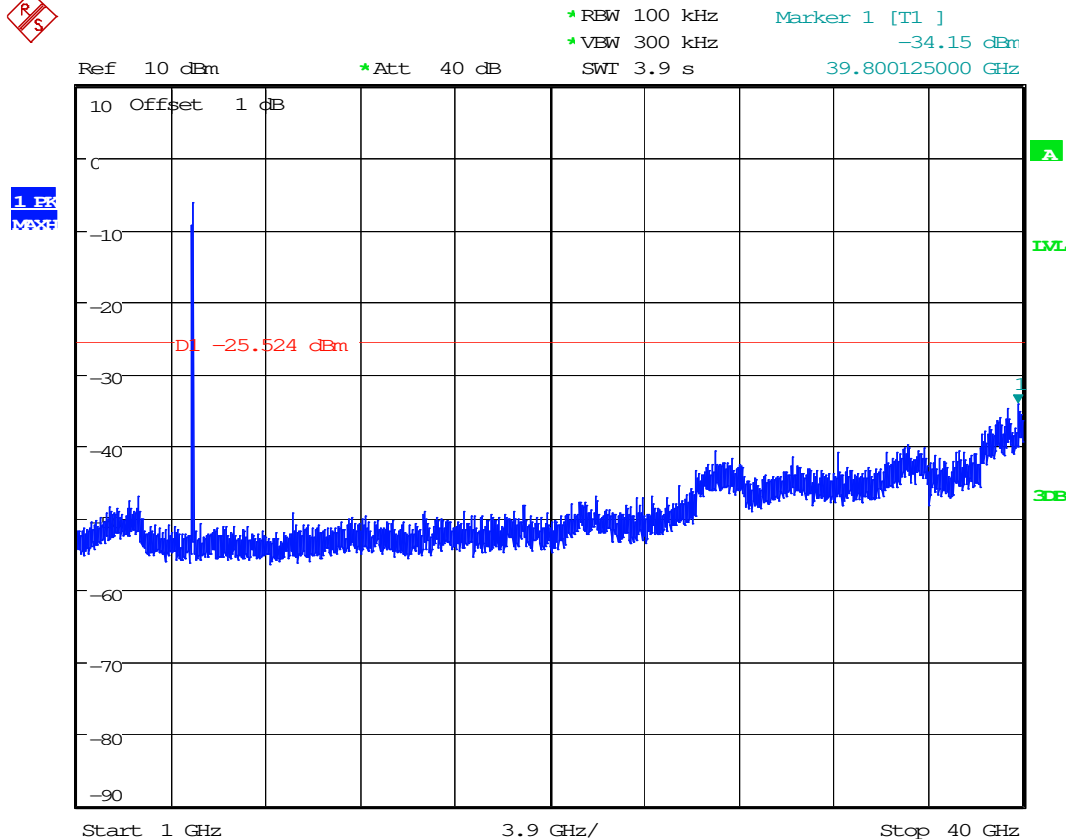




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Date: 20.JUN.2014 05:51:00

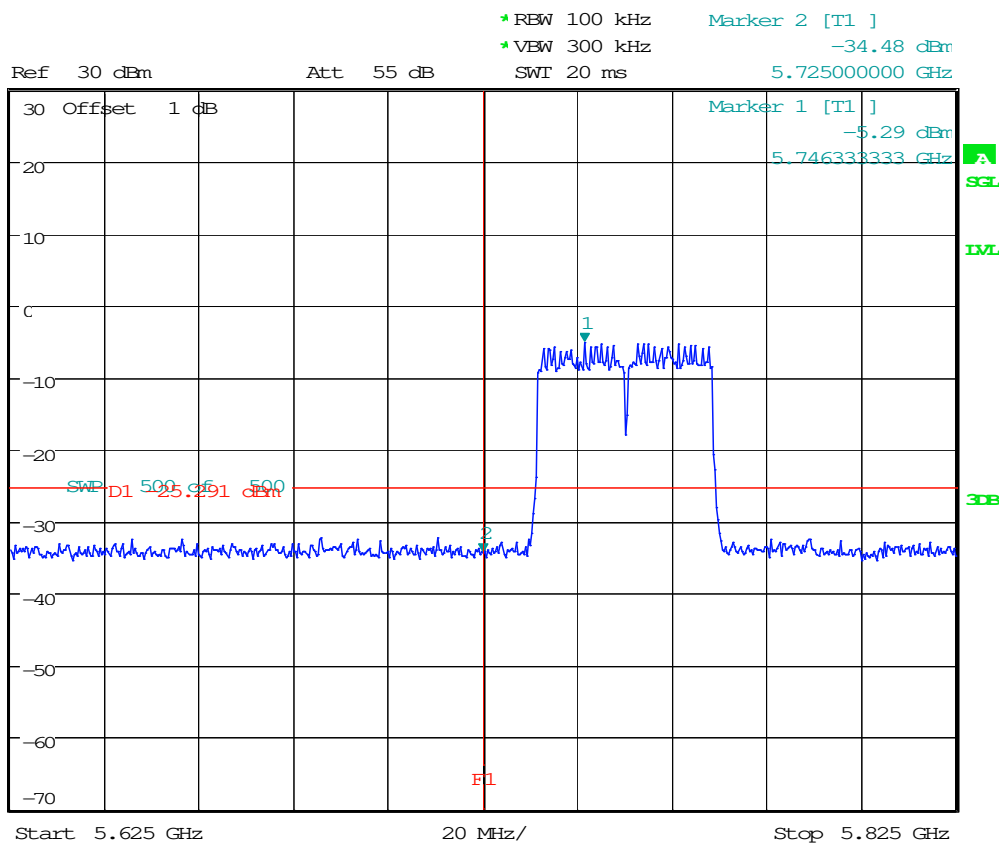


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2.20 11N40_151 Ant 2



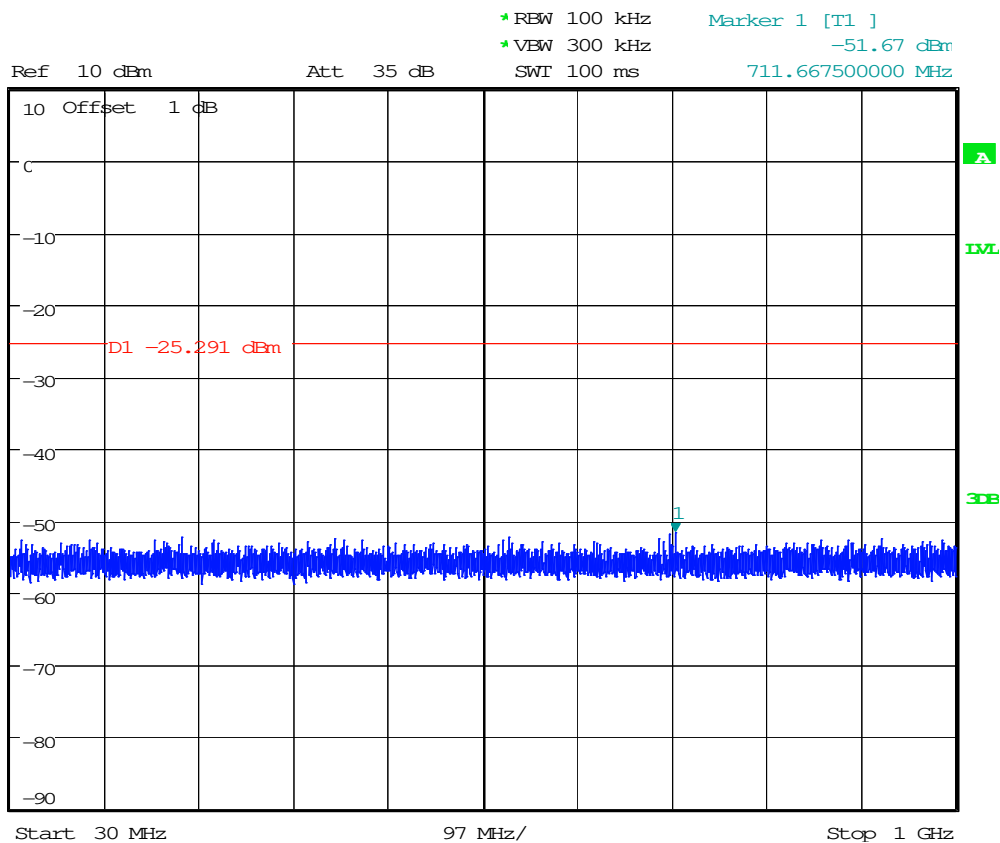
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Date: 20.JUN.2014 06:27:43



1. EK
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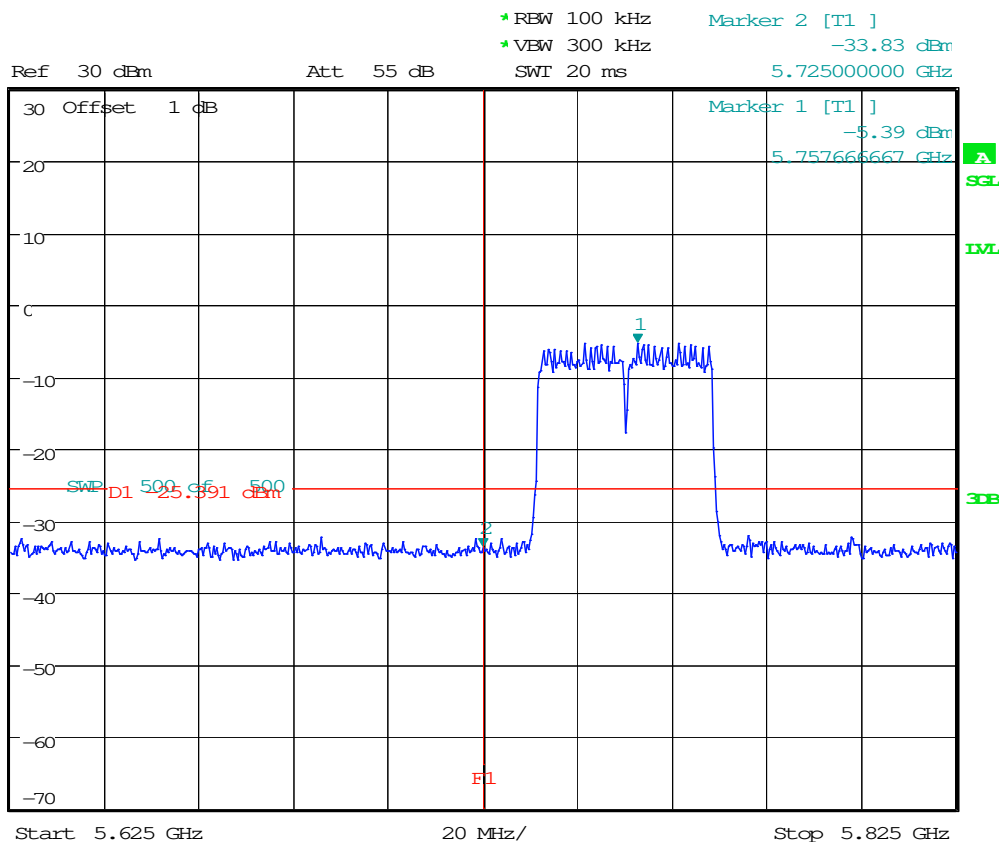
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2.21 11N40M_151 Ant 1



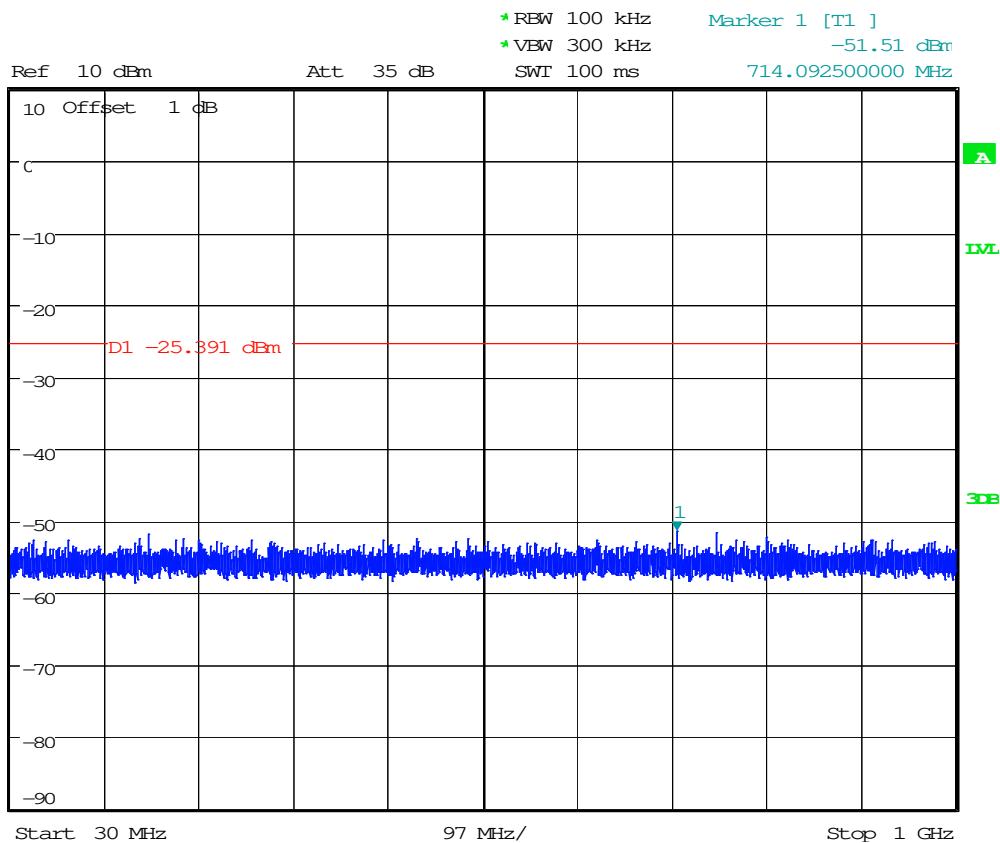
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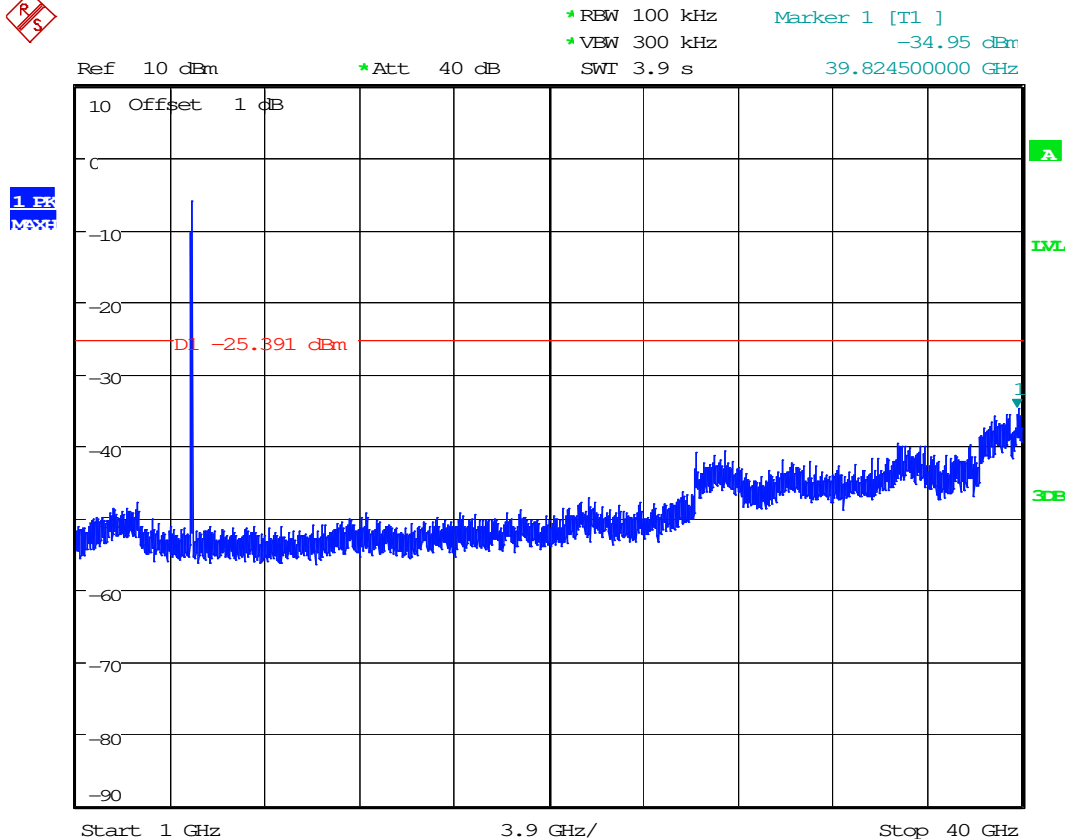
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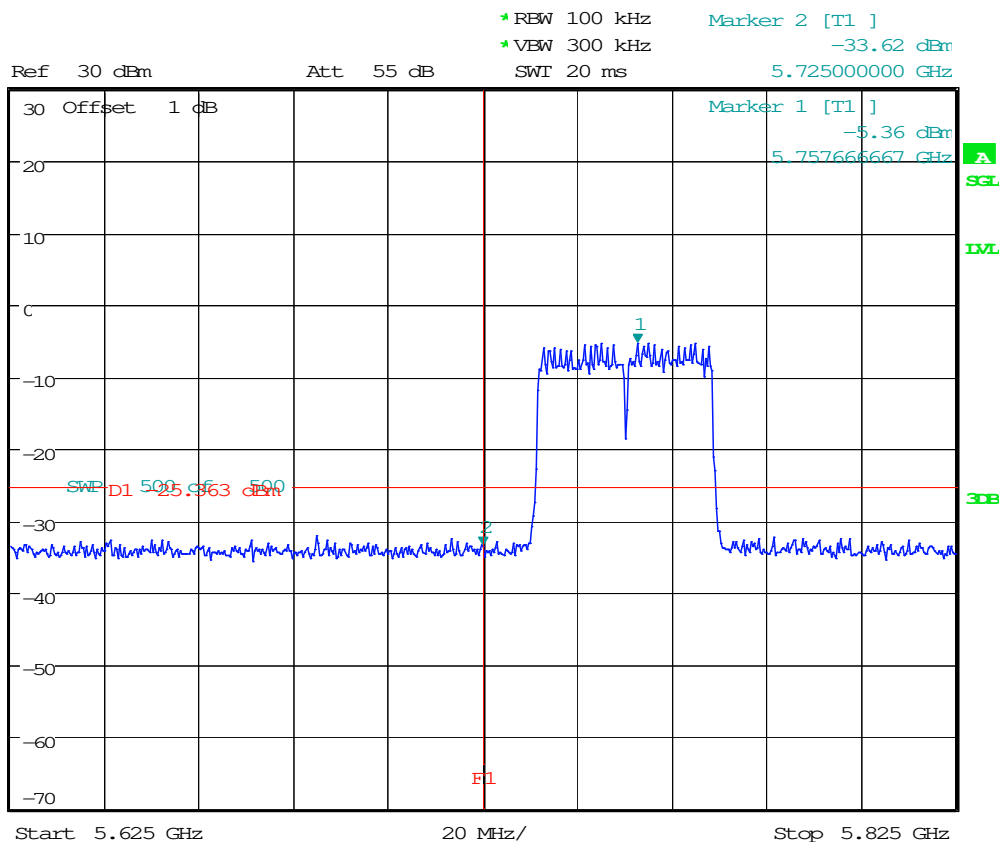


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2.22 11N40M_151 Ant 2



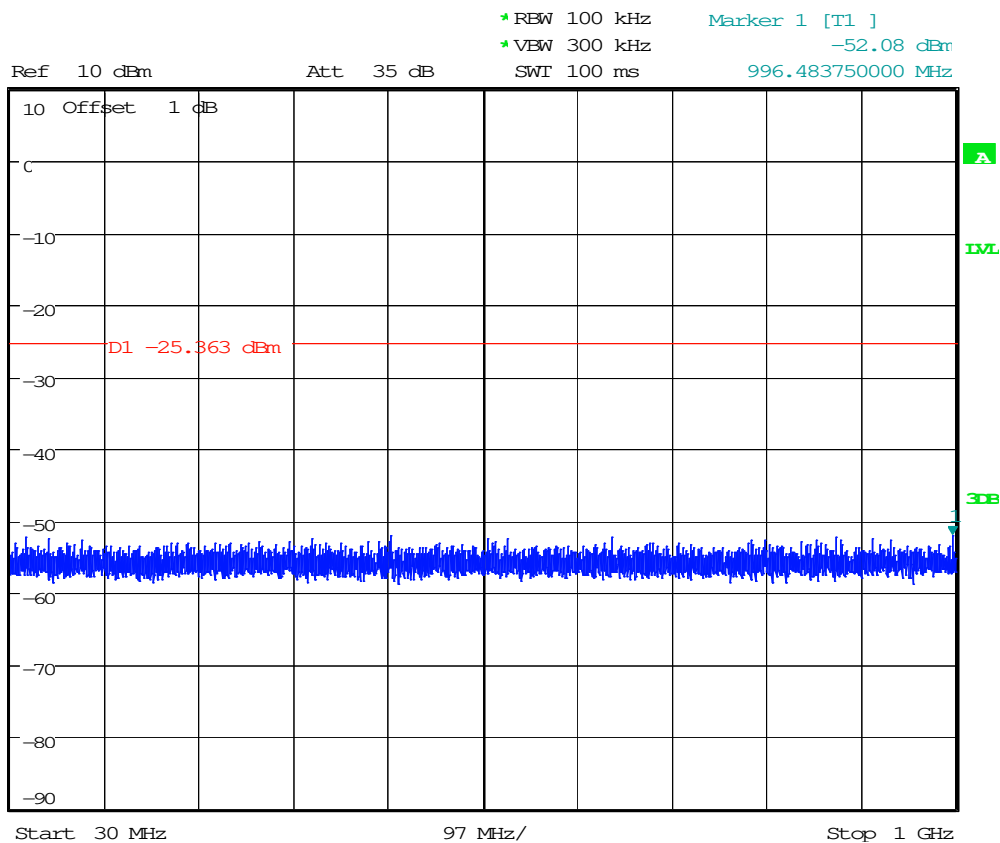
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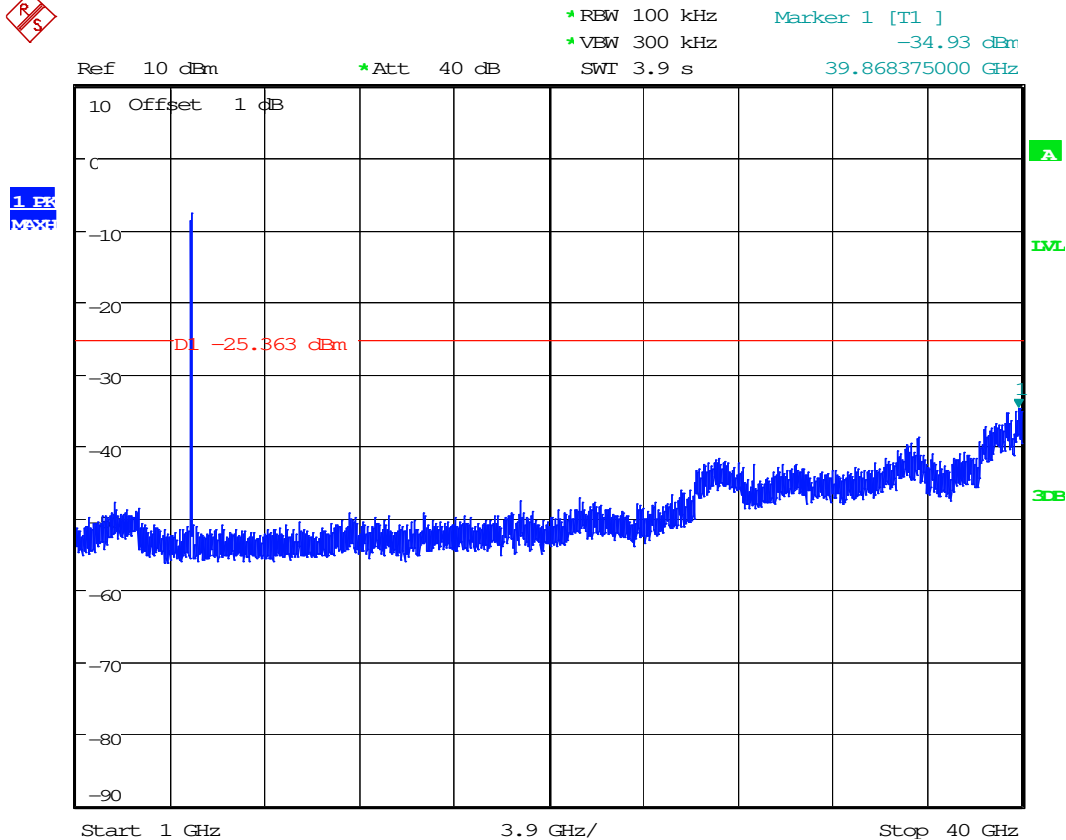
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Date: 20.JUN.2014 07:01:04

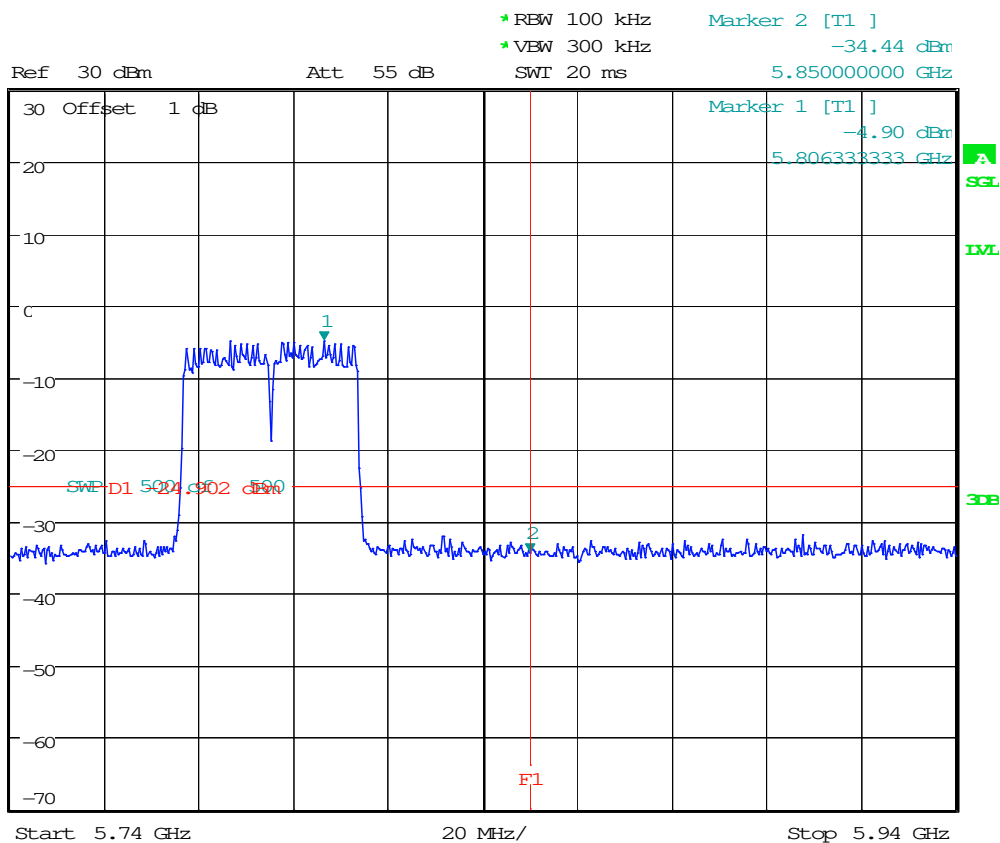


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2.23 11N40_159 Ant 1



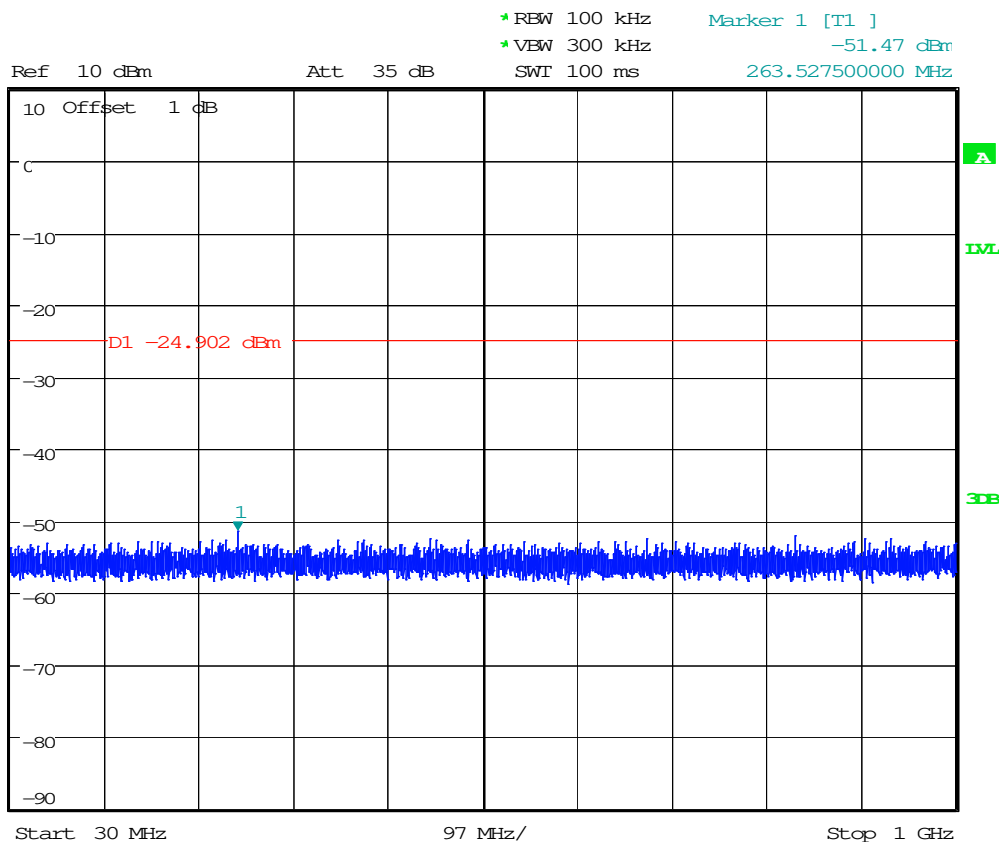
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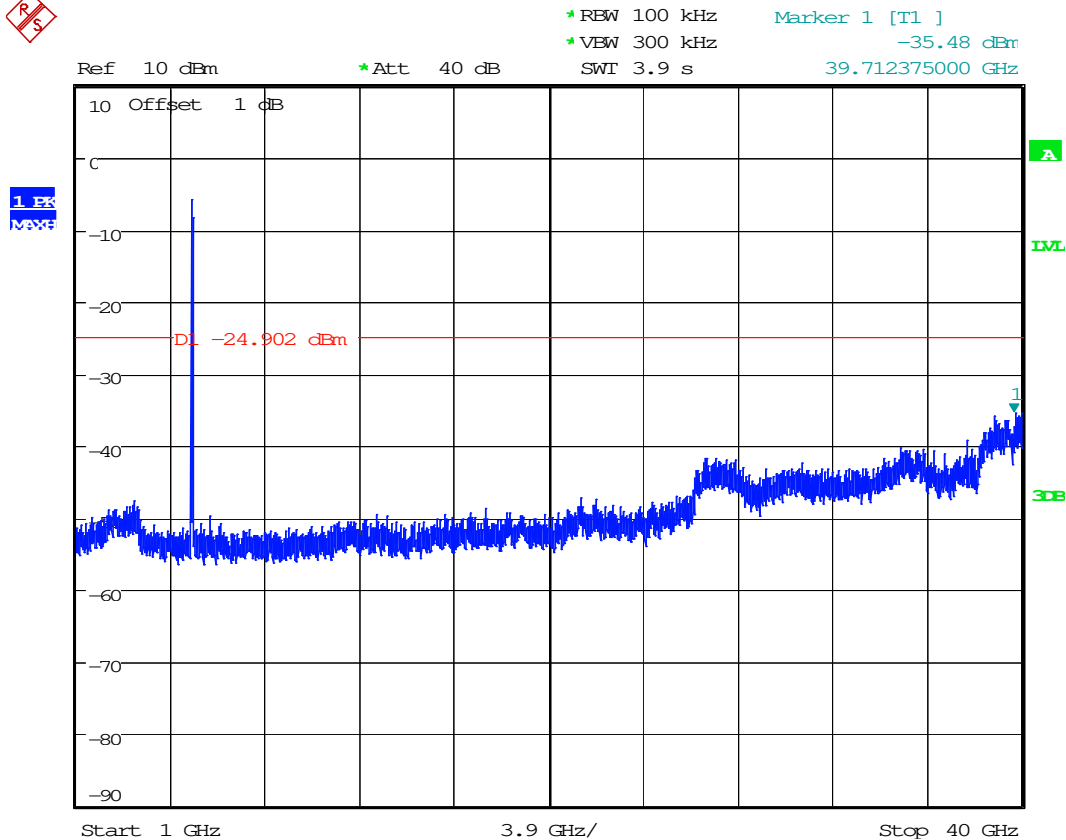
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MAX



Date: 20.JUN.2014 05:54:03

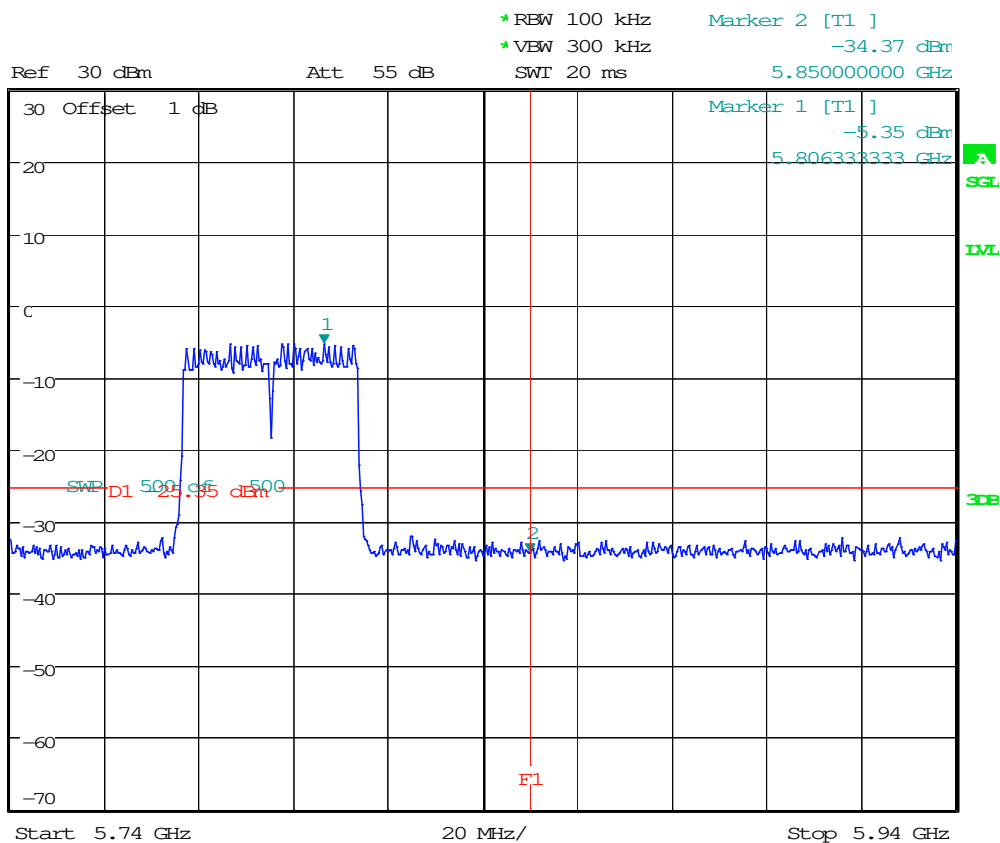


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2.24 11N40_159 Ant 2



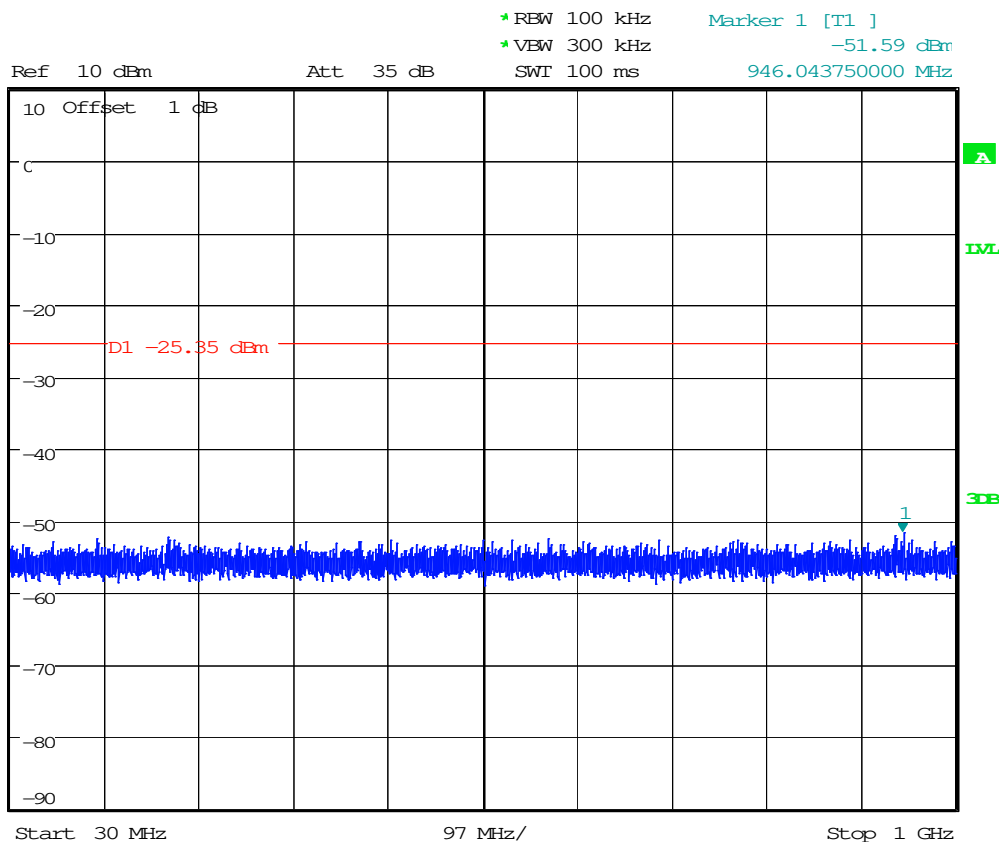
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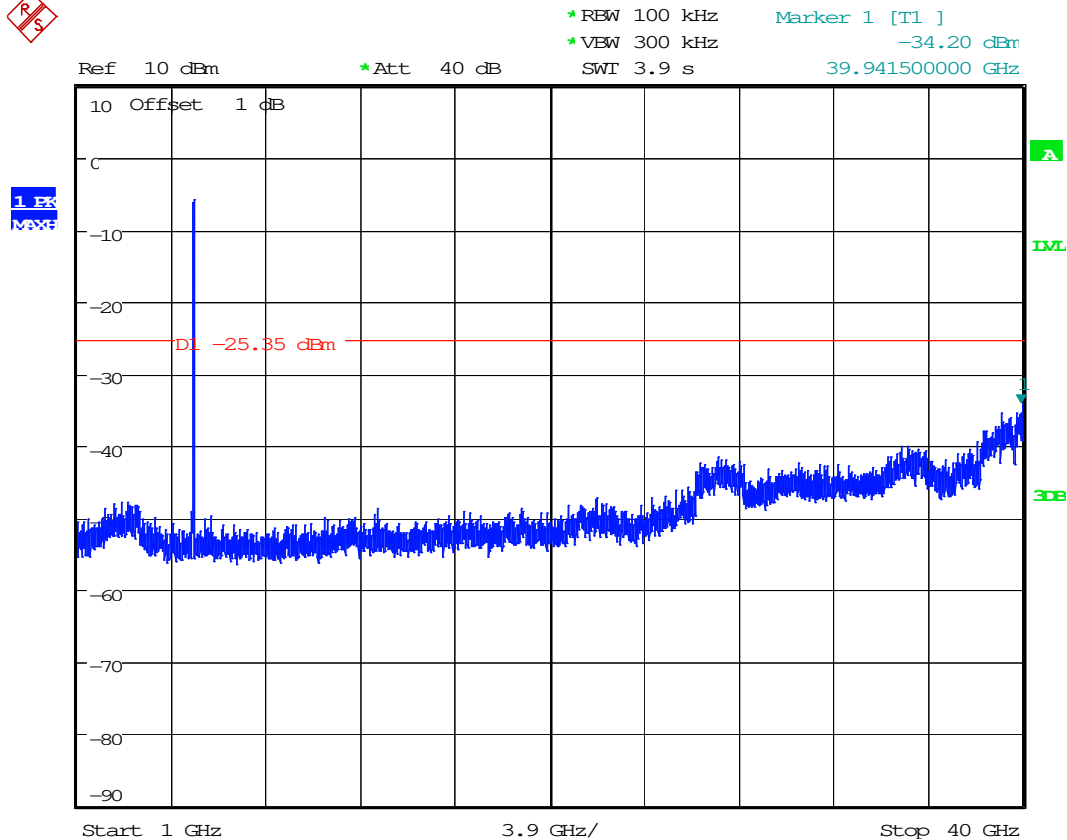
Date: 20.JUN.2014 06:29:55



1. EK
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Date: 20.JUN.2014 06:30:10



Date: 20.JUN.2014 06:30:26

2.25 11N40M_159 Ant 1

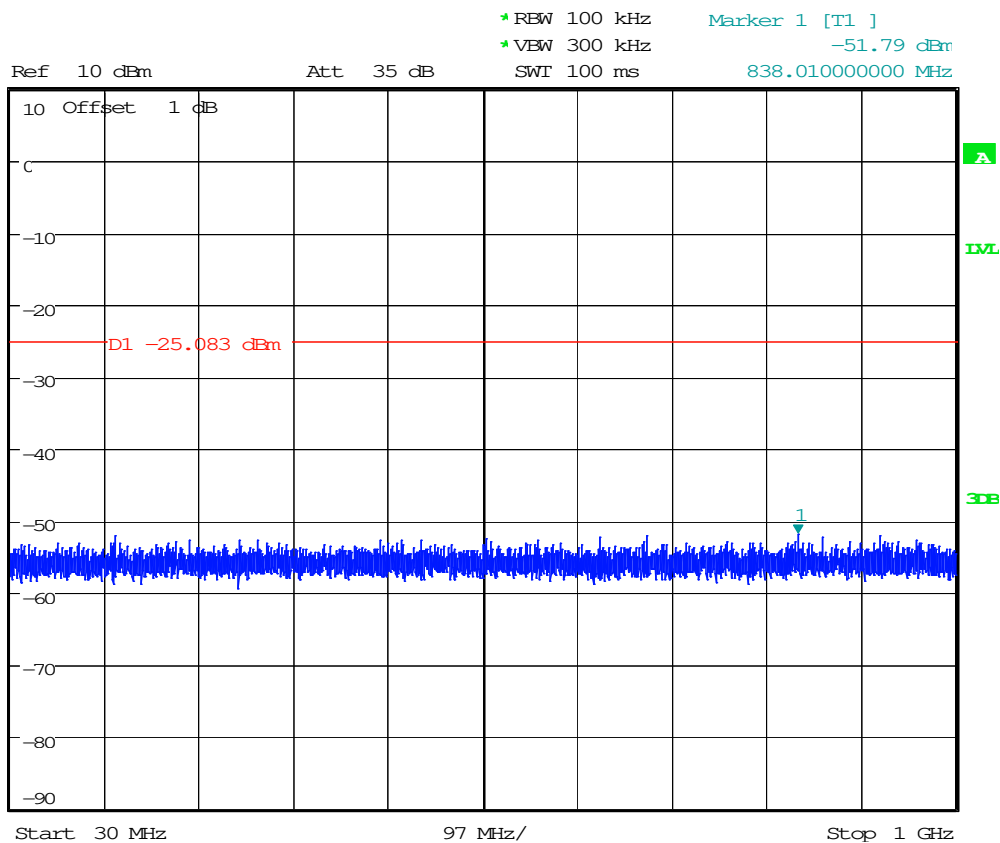


Report No:
SYBH(Z-RF)032052014-2003

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1. EK
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Date: 20.JUN.2014 06:57:08



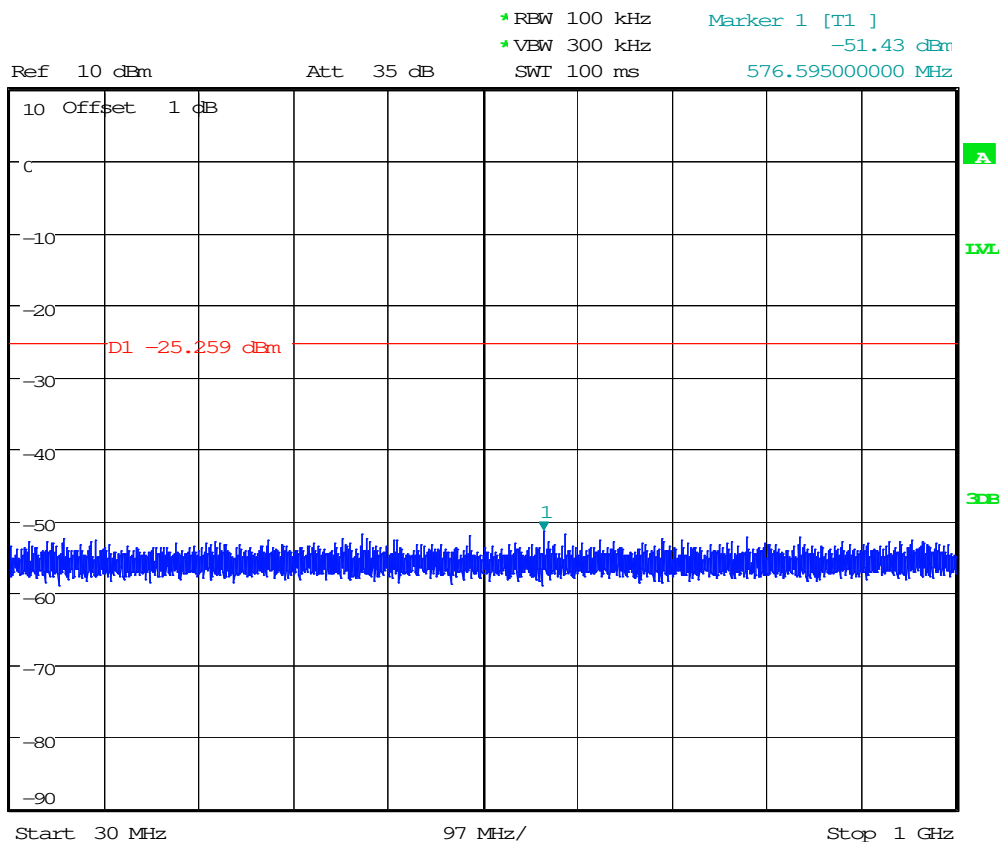
2.26 11N40M_159 Ant 2



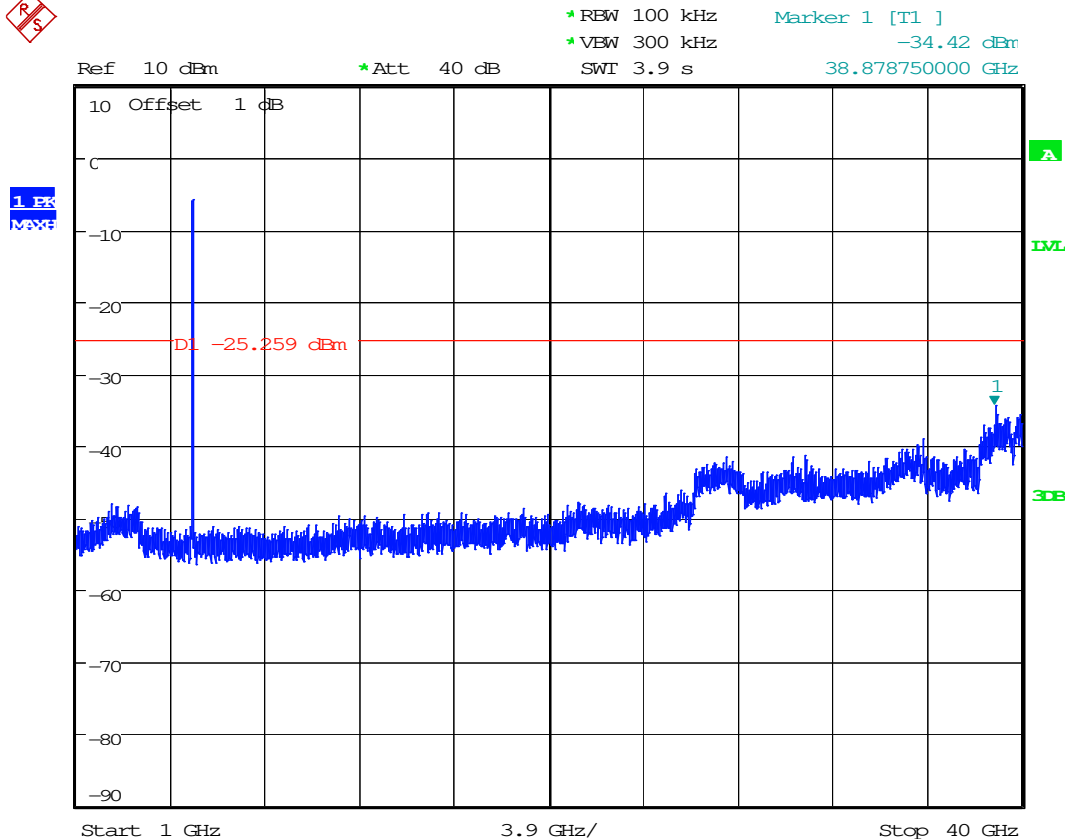
A
SGL
IML
3DB



1 EK
MAX

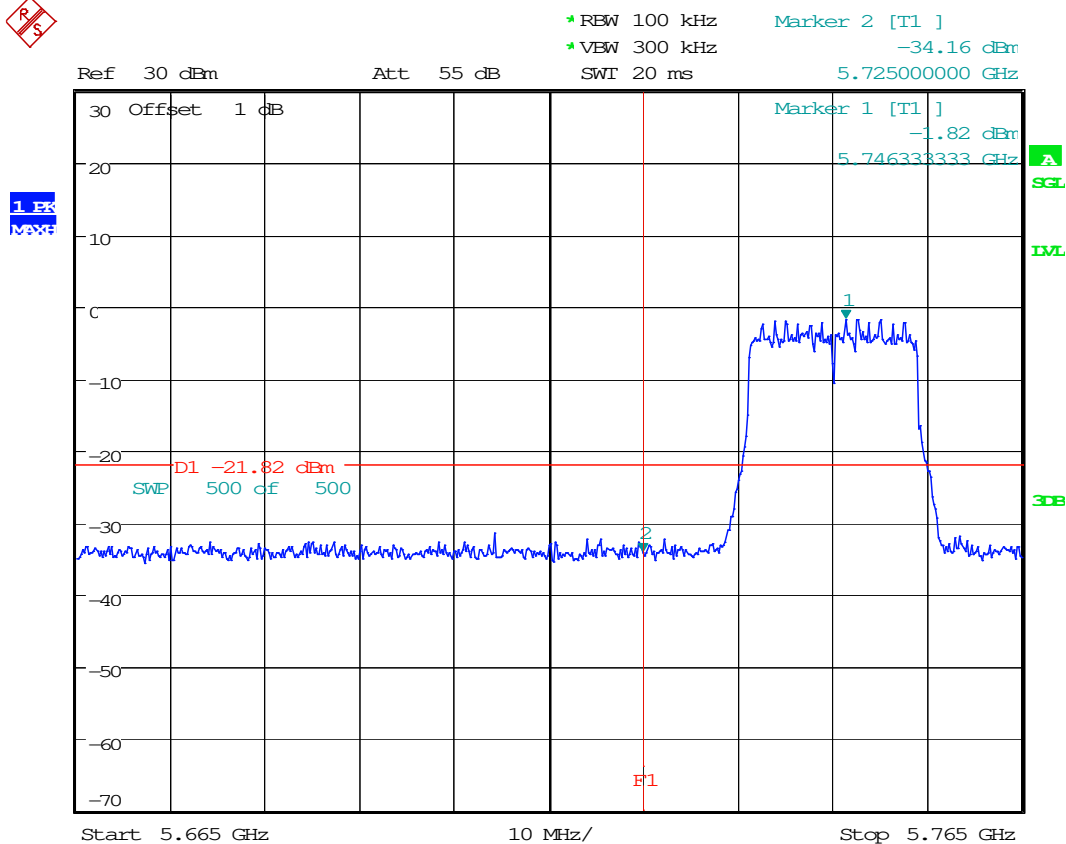


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Date: 20.JUN.2014 07:04:26

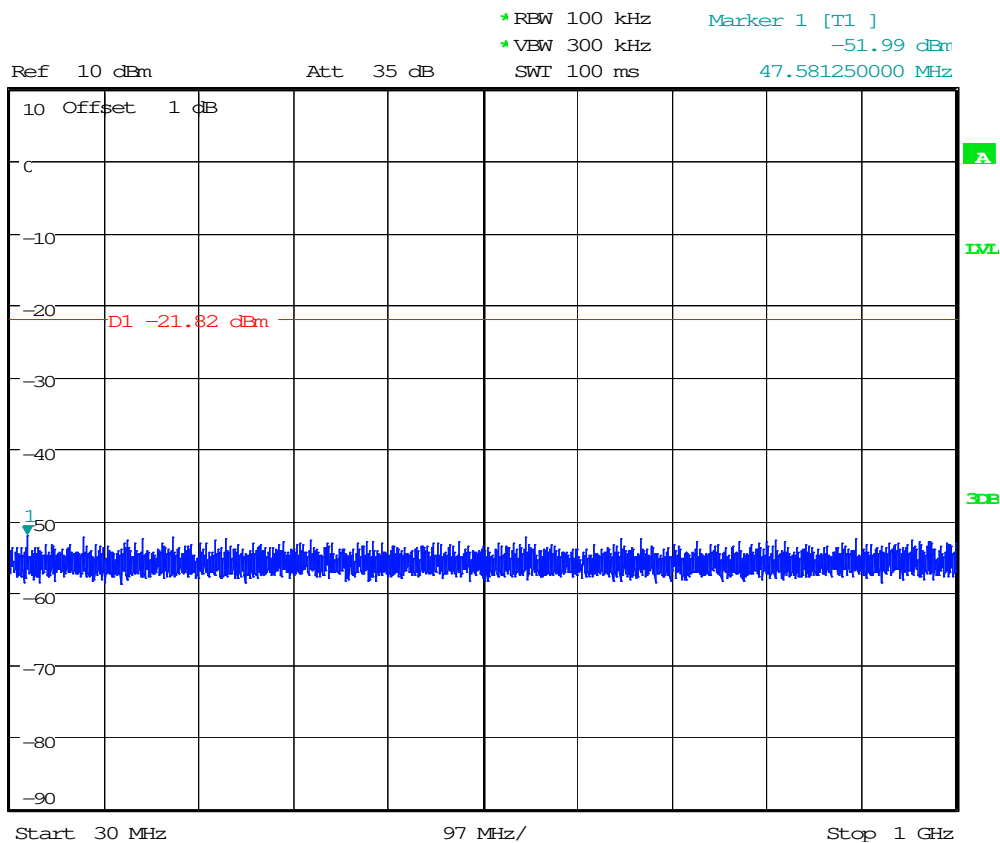
2.27 11AC20_149 Ant 1



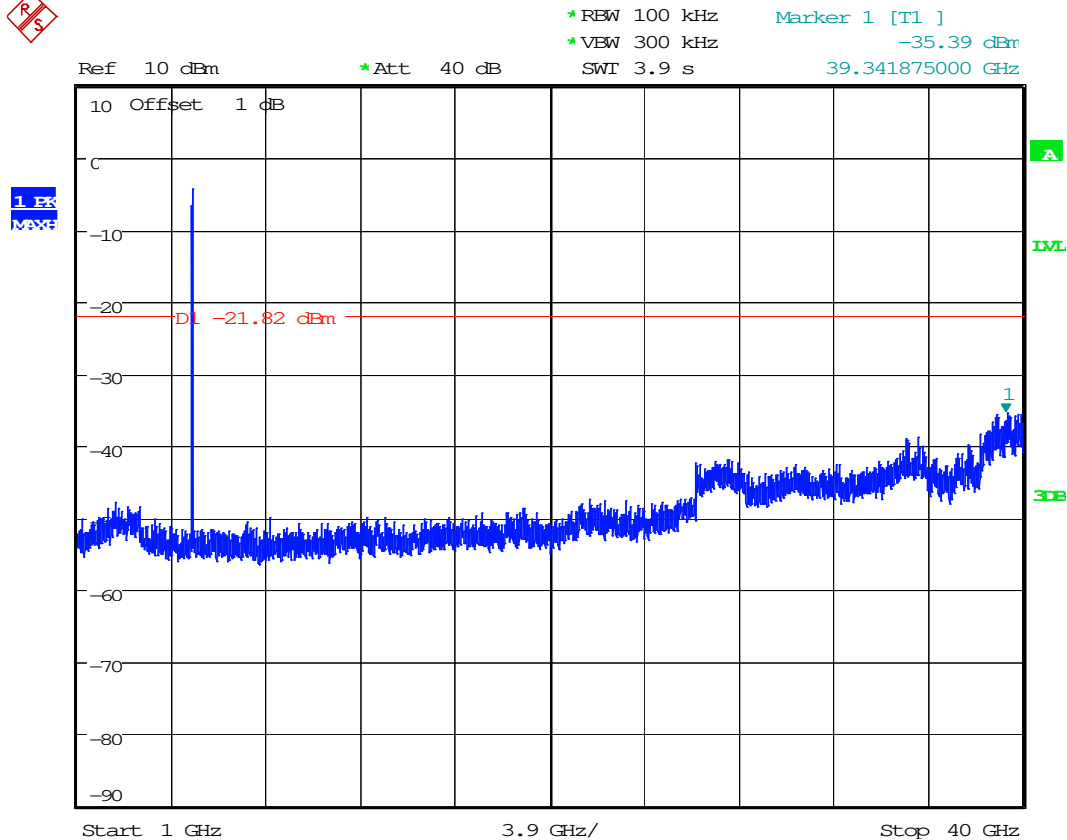
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1. EK
MAX



Date: 20.JUN.2014 07:07:37

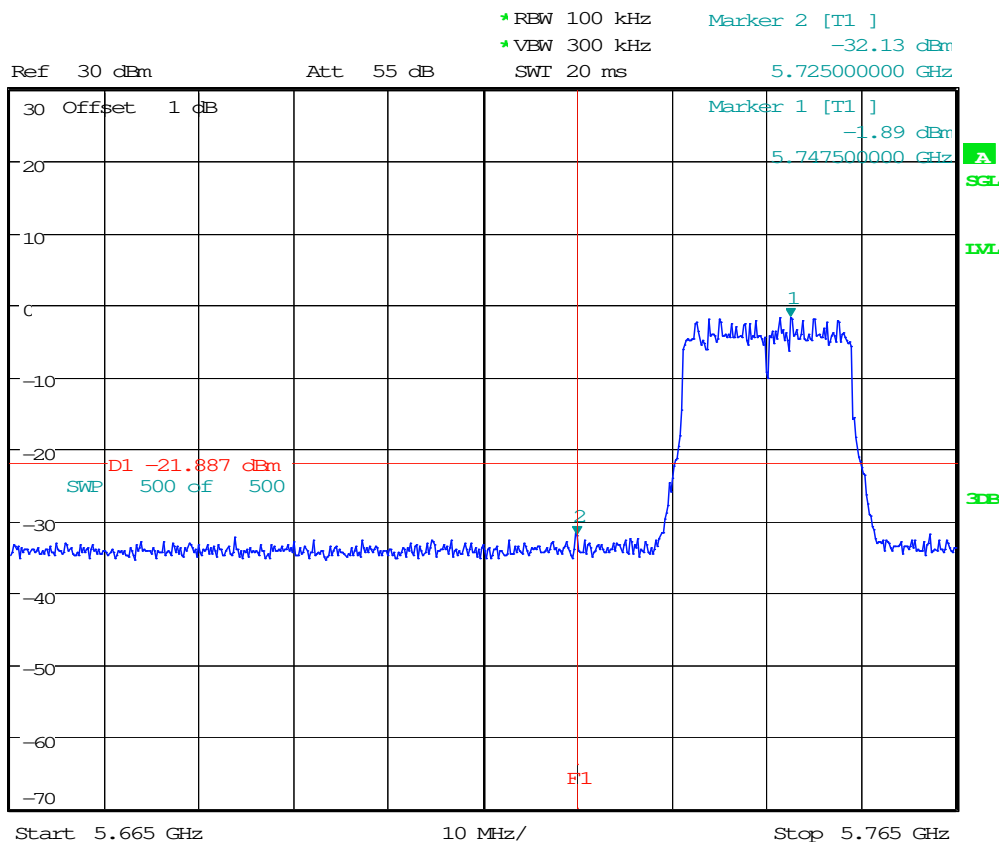


Date: 20.JUN.2014 07:07:52

2.28 11AC20_149 Ant 2



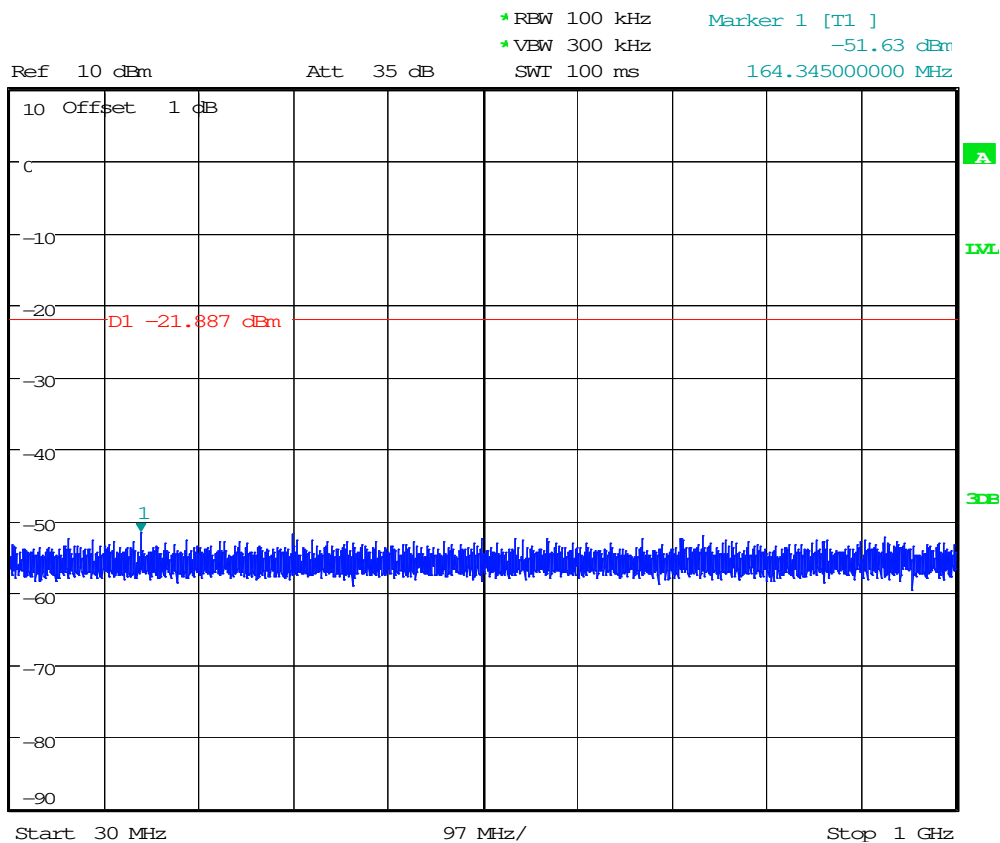
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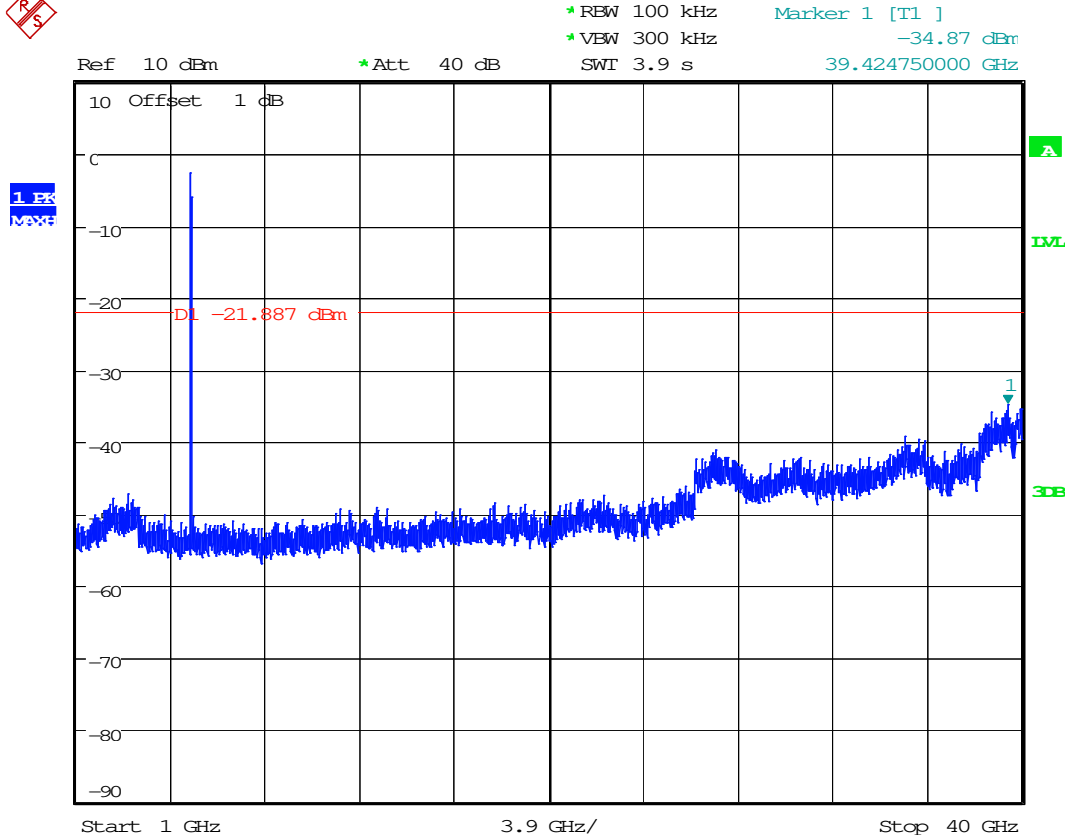
Date: 20.JUN.2014 07:14:15



1. EK
MAX

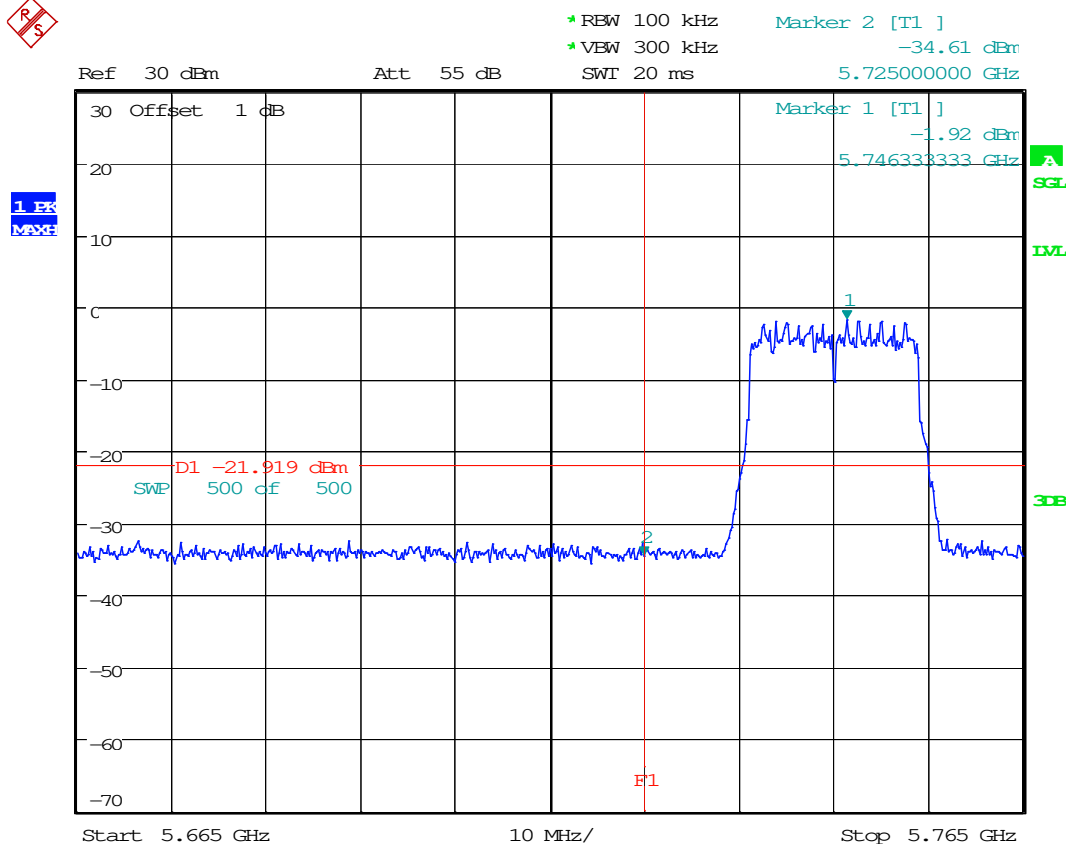


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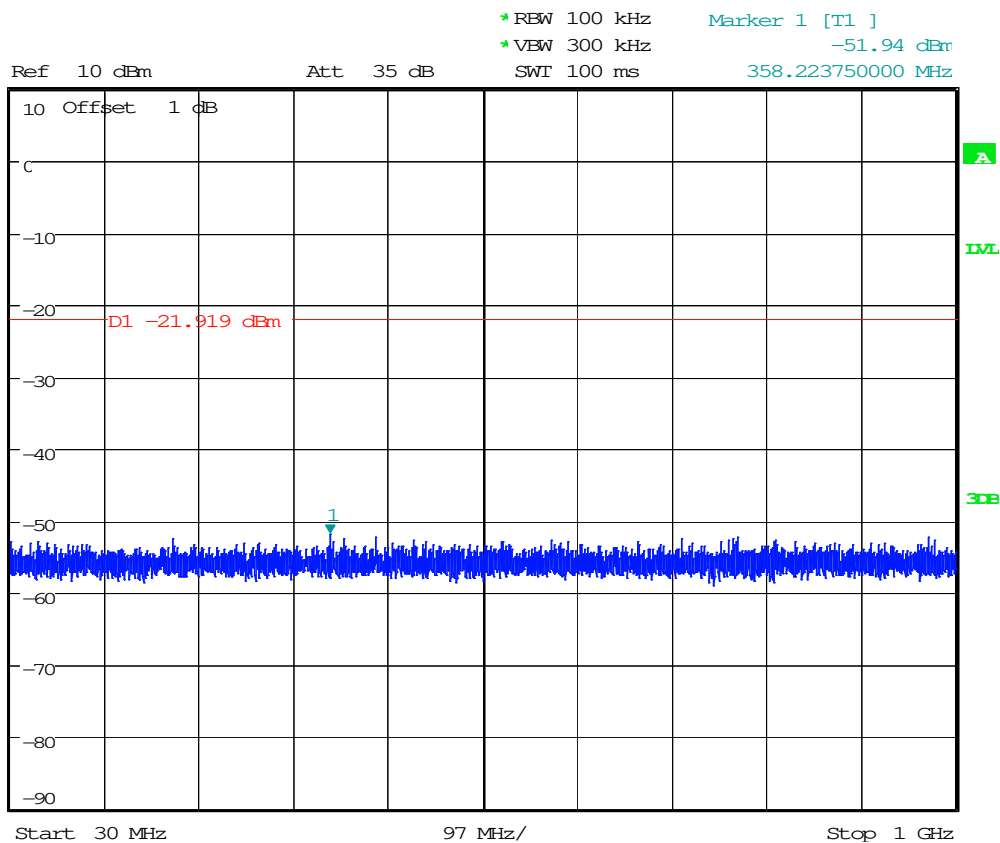
2.29 11AC20M_149 Ant 1



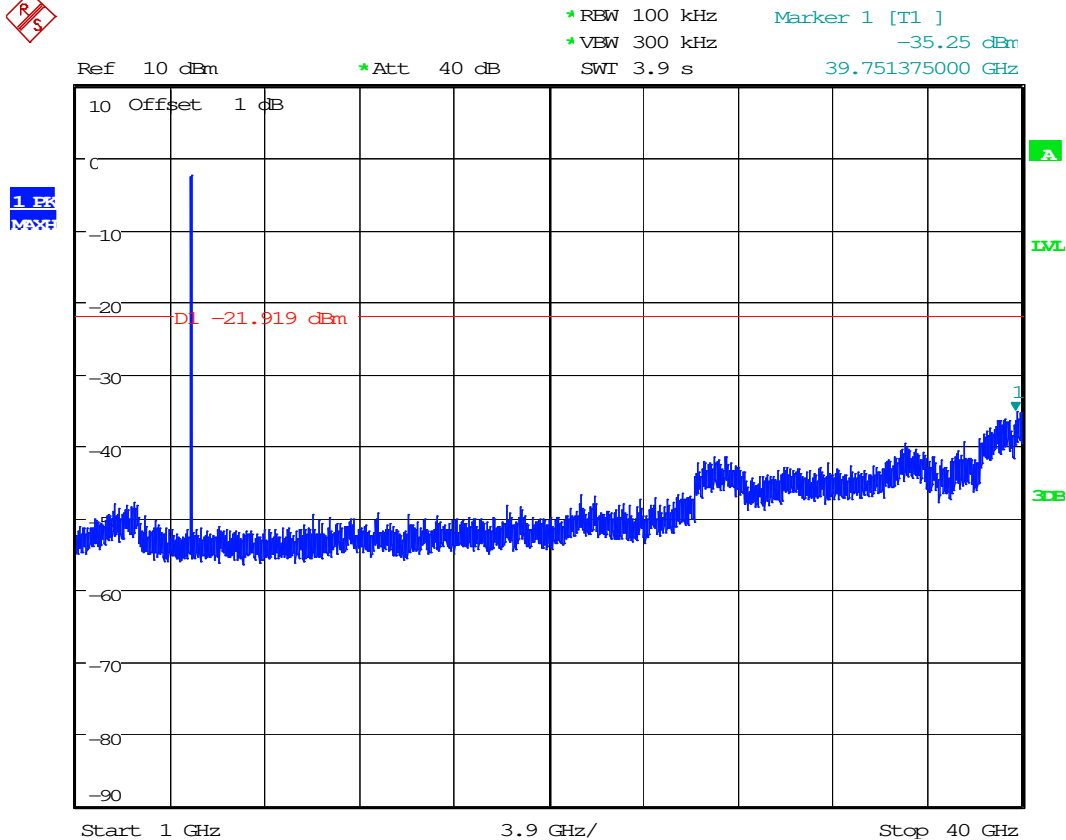
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1 EK
MAX



Date: 20.JUN.2014 07:44:52

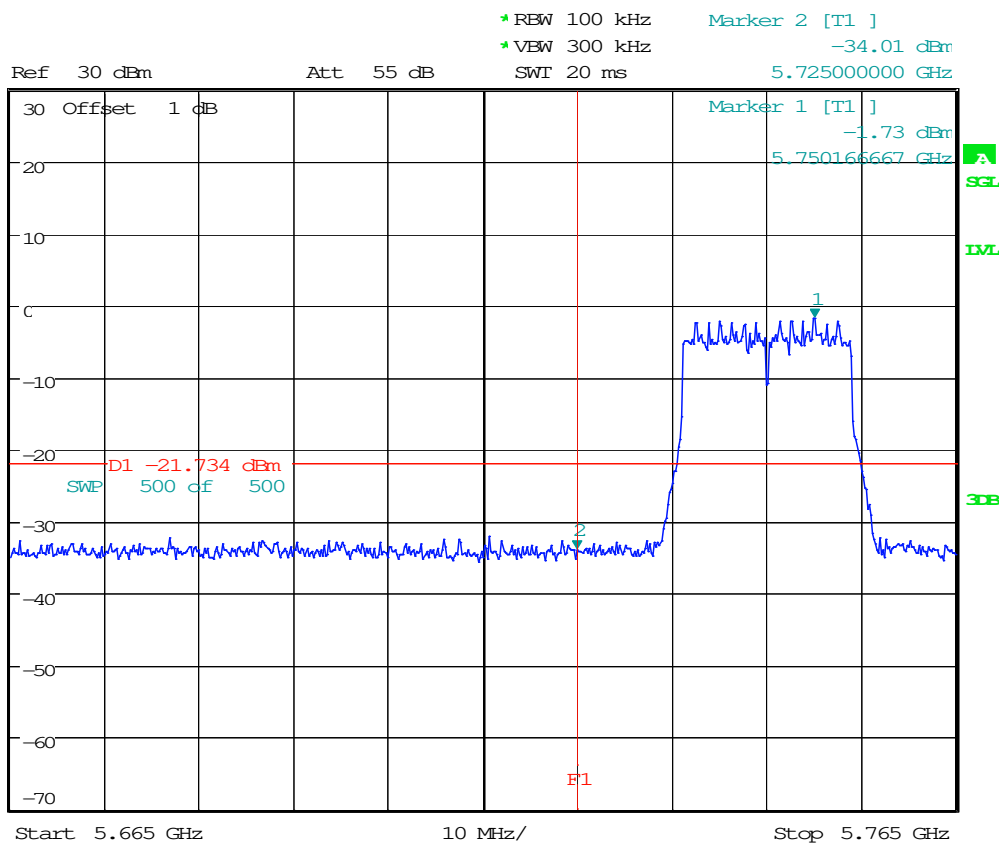


Date: 20.JUN.2014 07:45:07

2.30 11AC20M_149 Ant 2



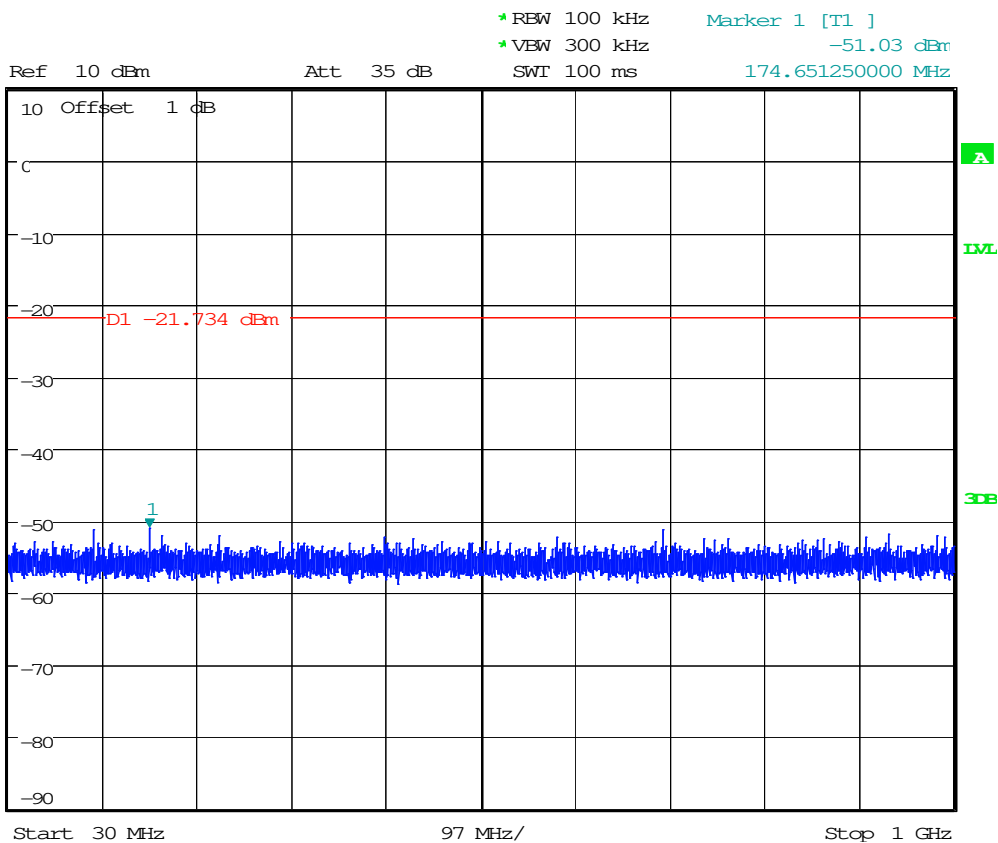
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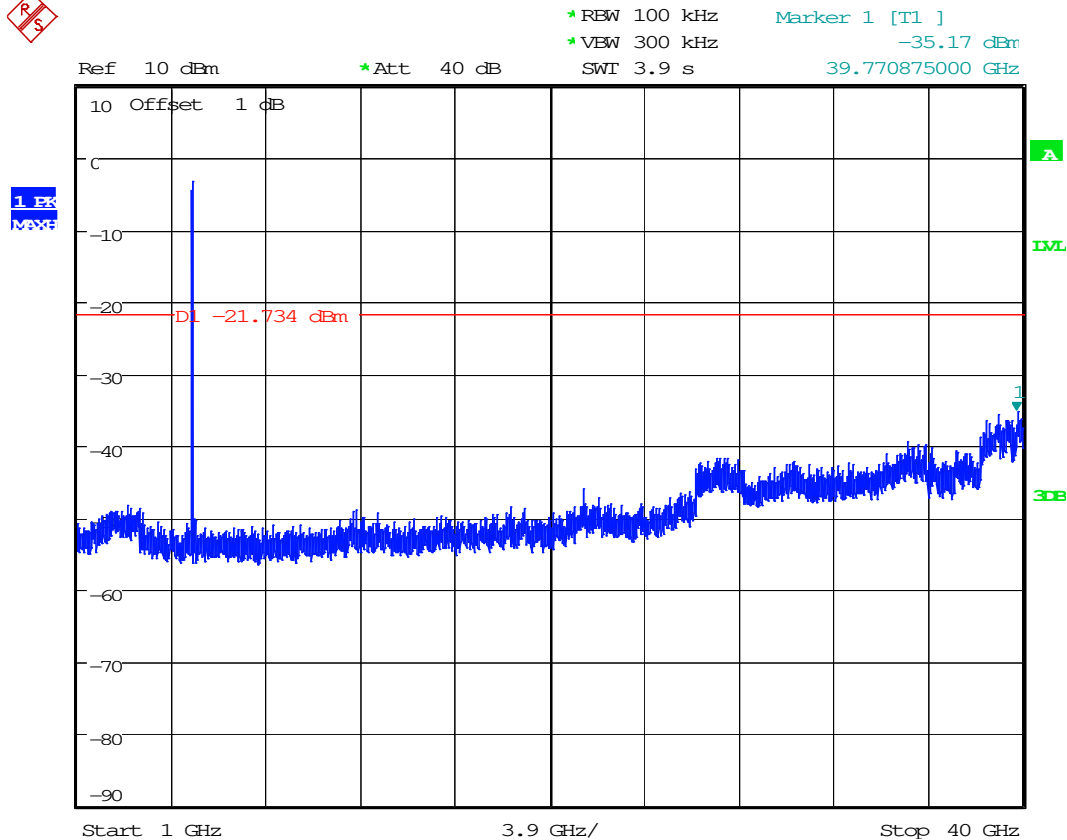
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Date: 20.JUN.2014 07:49:30

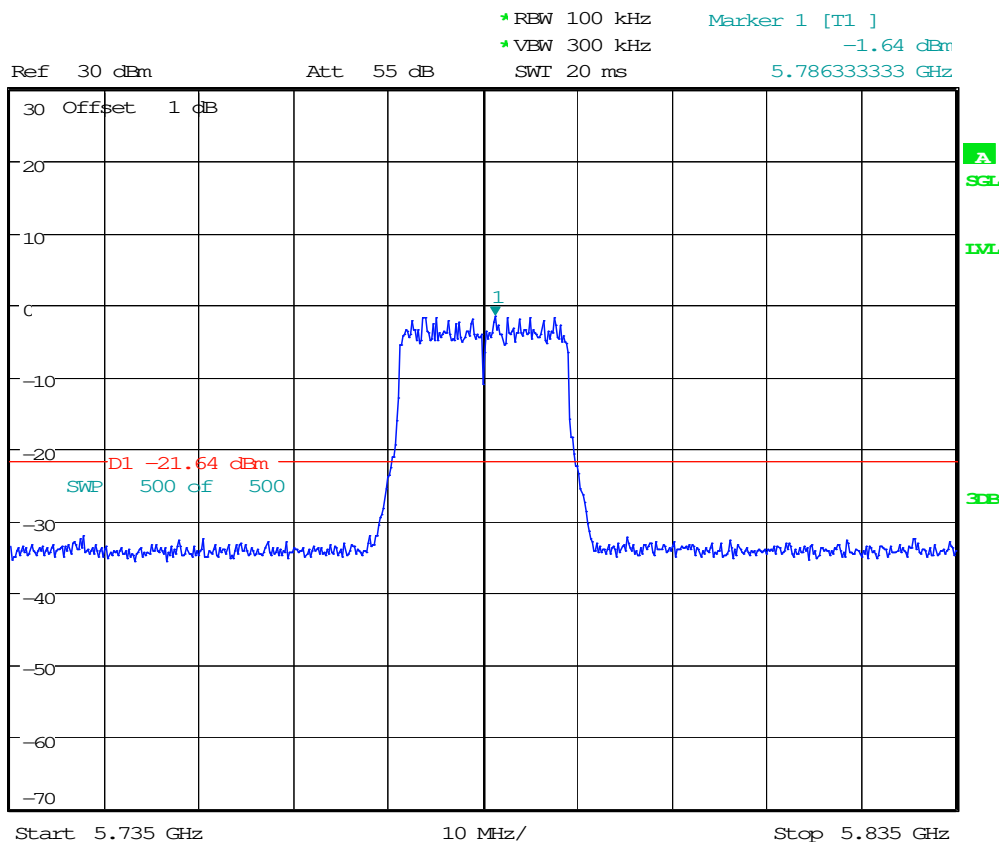


Date: 20.JUN.2014 07:49:45

2.31 11AC20_157 Ant 1



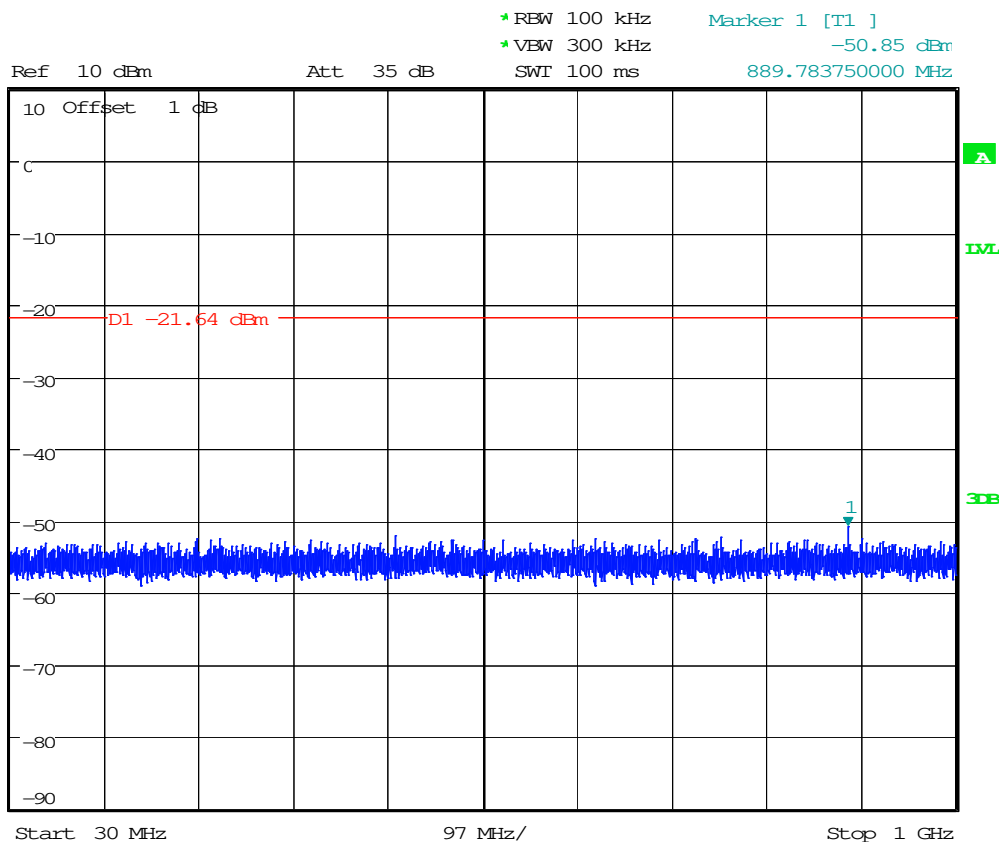
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MAX



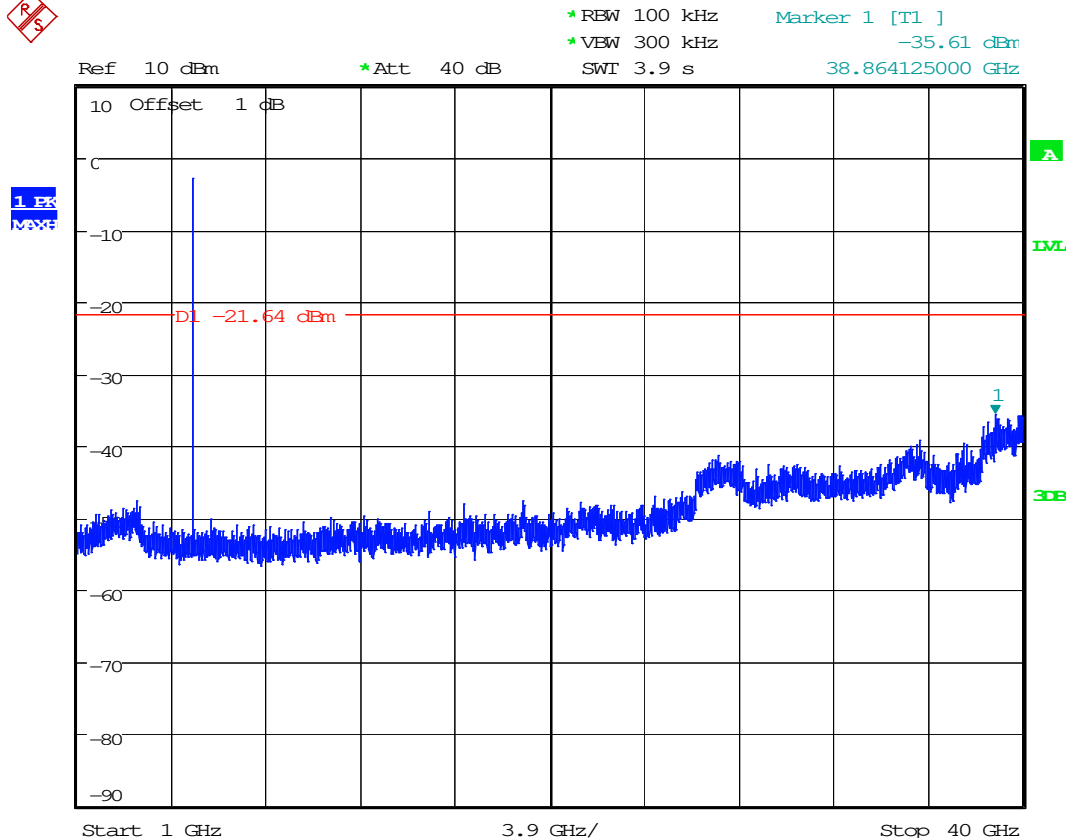
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1 EK
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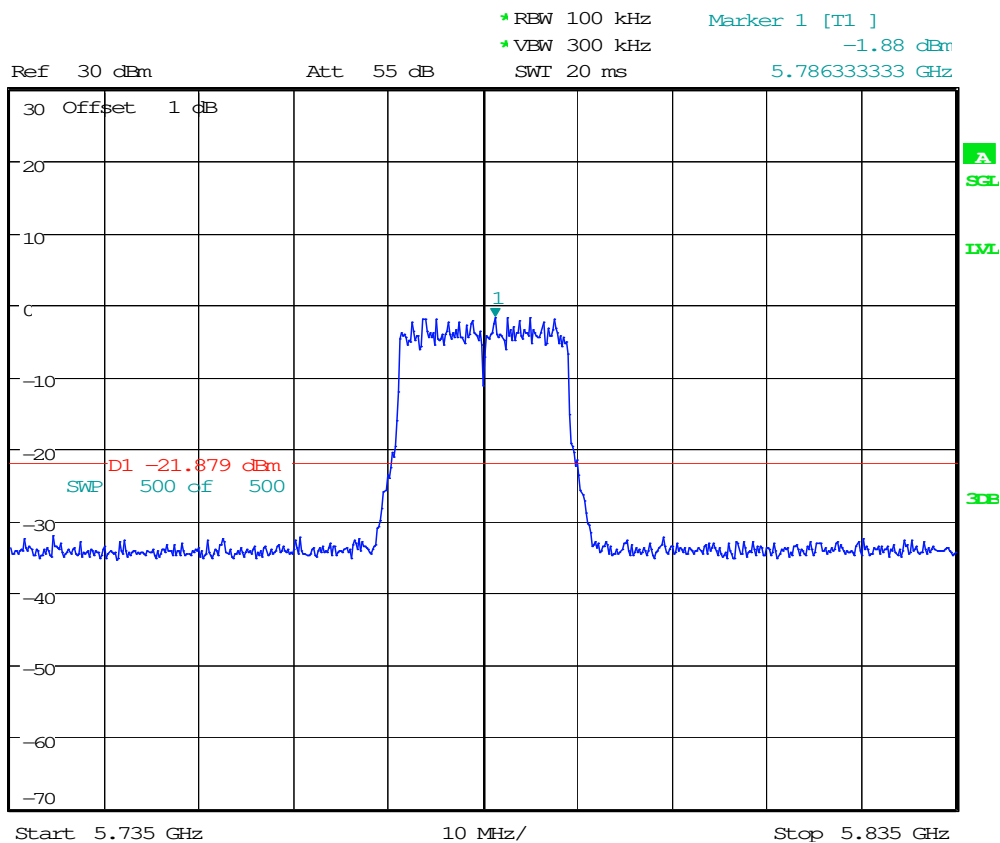


Date: 20.JUN.2014 07:09:42

2.32 11AC20_157 Ant 2



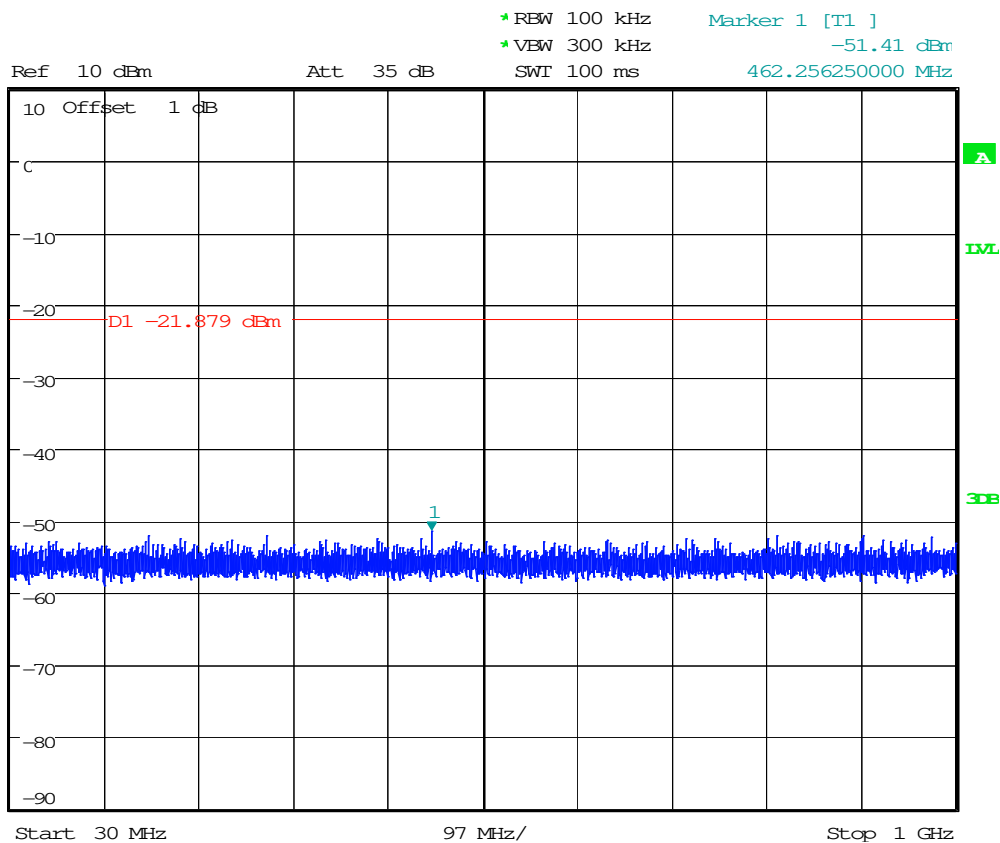
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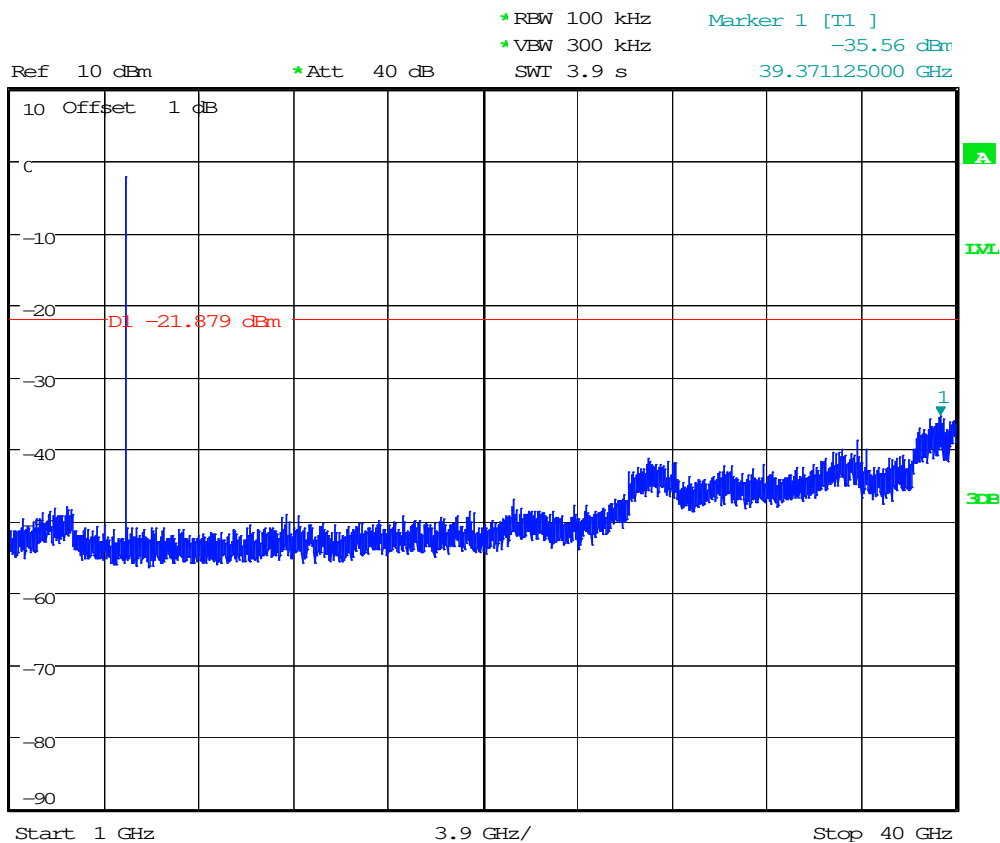
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MAX



Date: 20.JUN.2014 07:16:08



1 EK
MAX

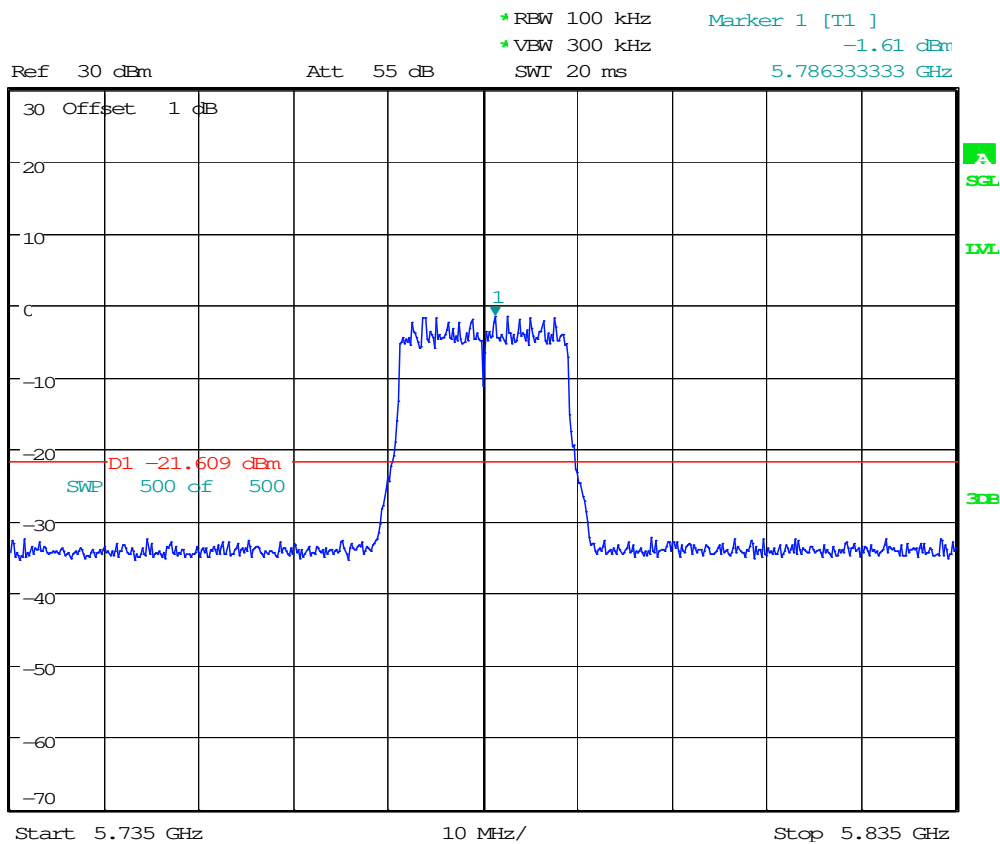


Date: 20.JUN.2014 07:16:24

2.33 11AC20M_157 Ant 1



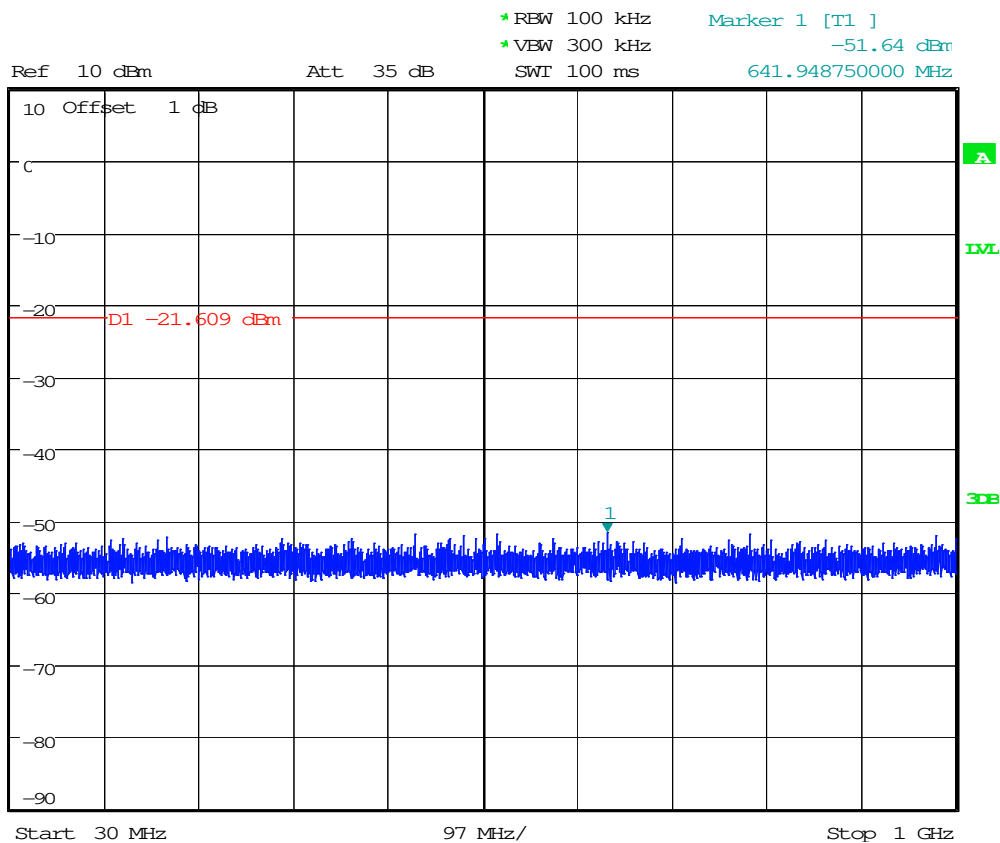
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MAX



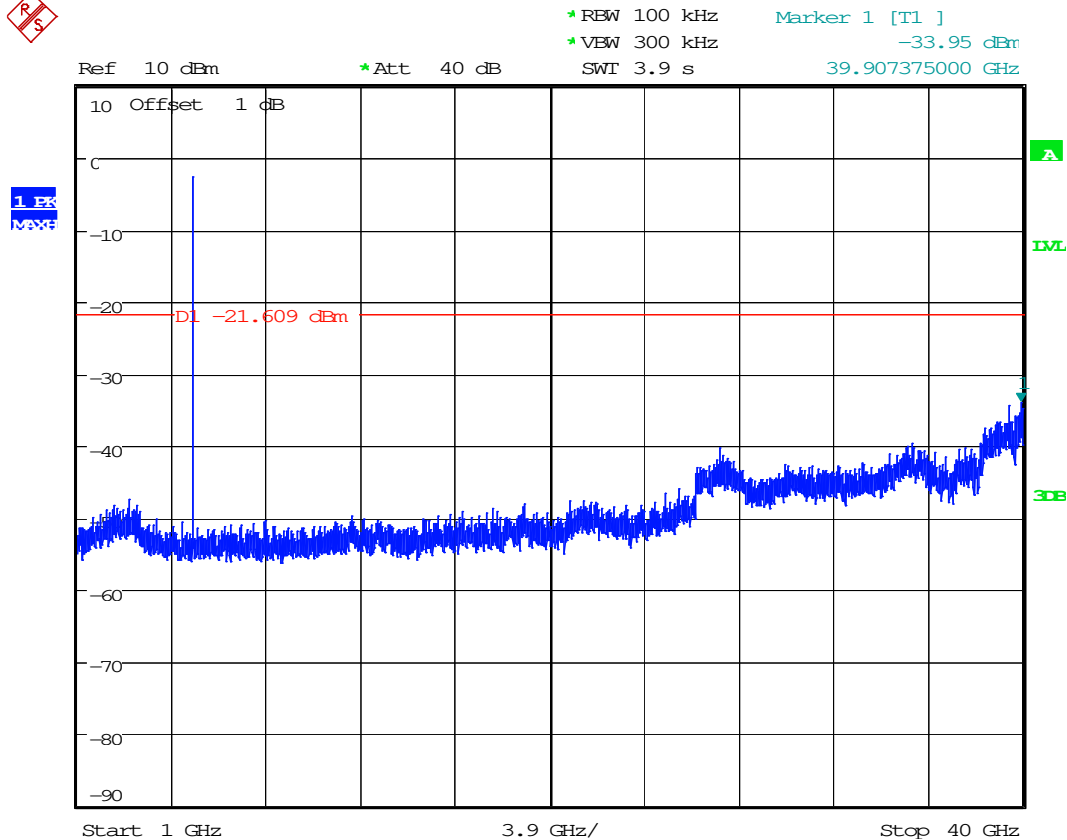
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1 EK
MAX



Date: 20.JUN.2014 07:46:14



Date: 20.JUN.2014 07:46:29

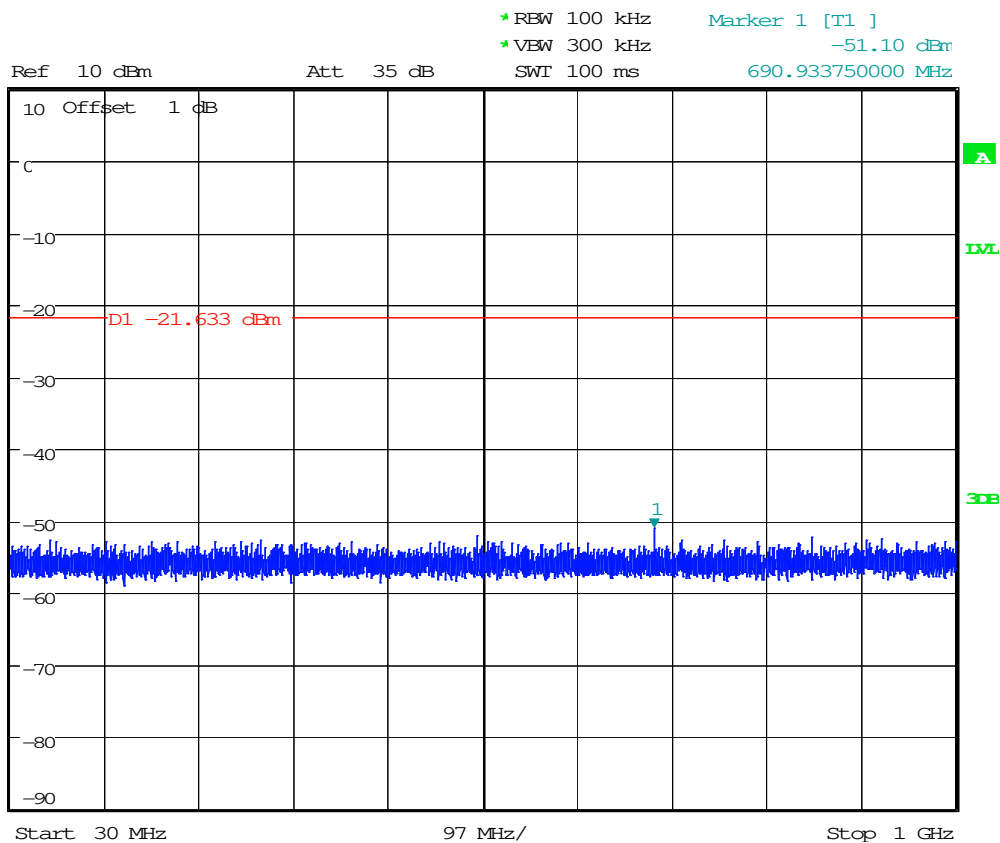
2.34 11AC20M_157 Ant 2



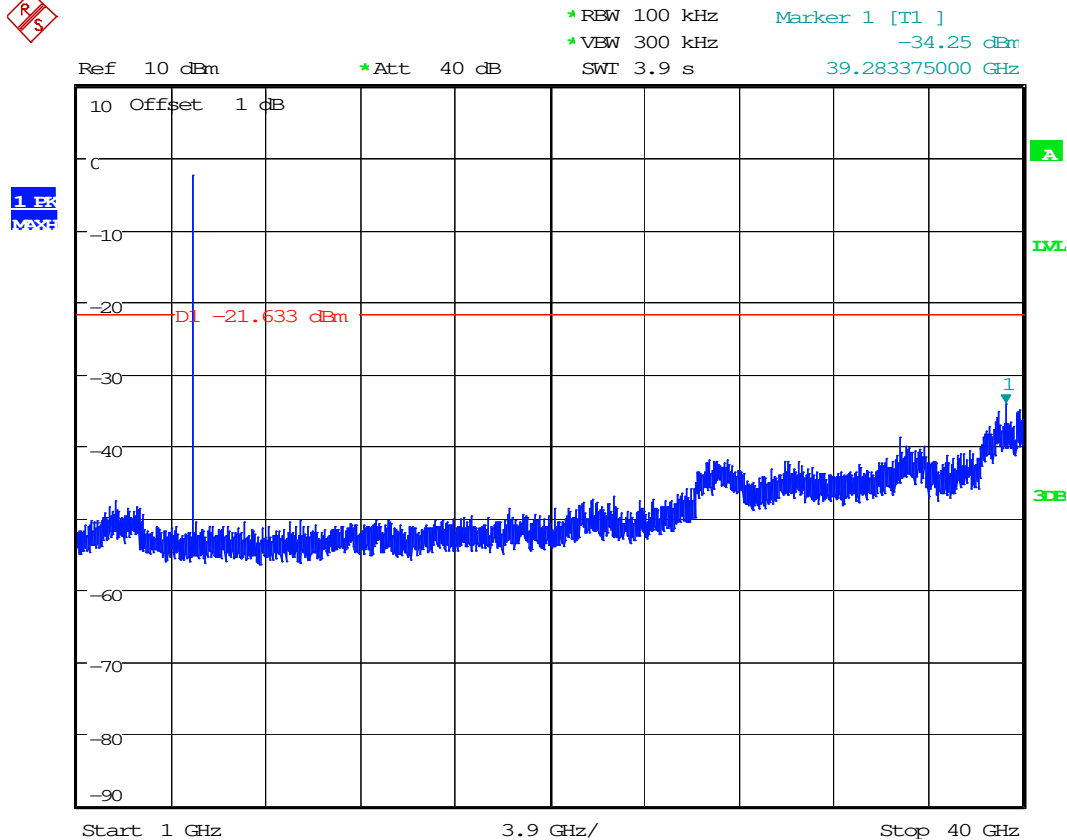
A
SGL
LVL
3DB



1 EK
MAX

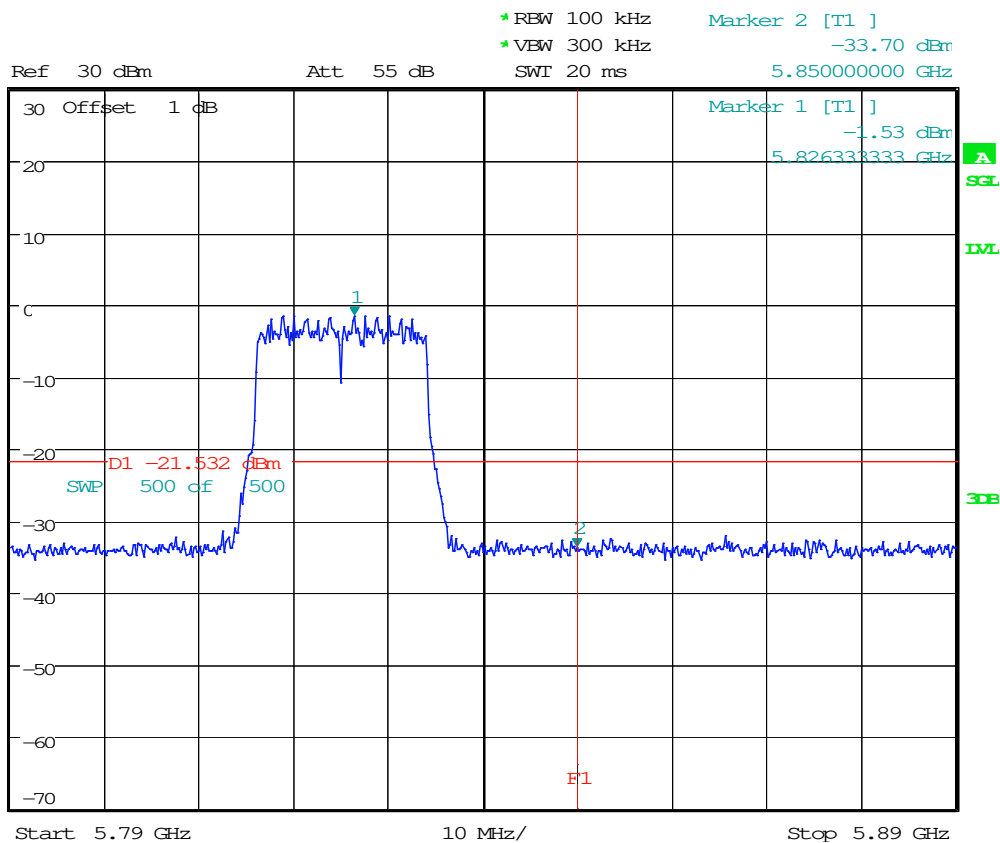


Date: 20.JUN.2014 07:50:52

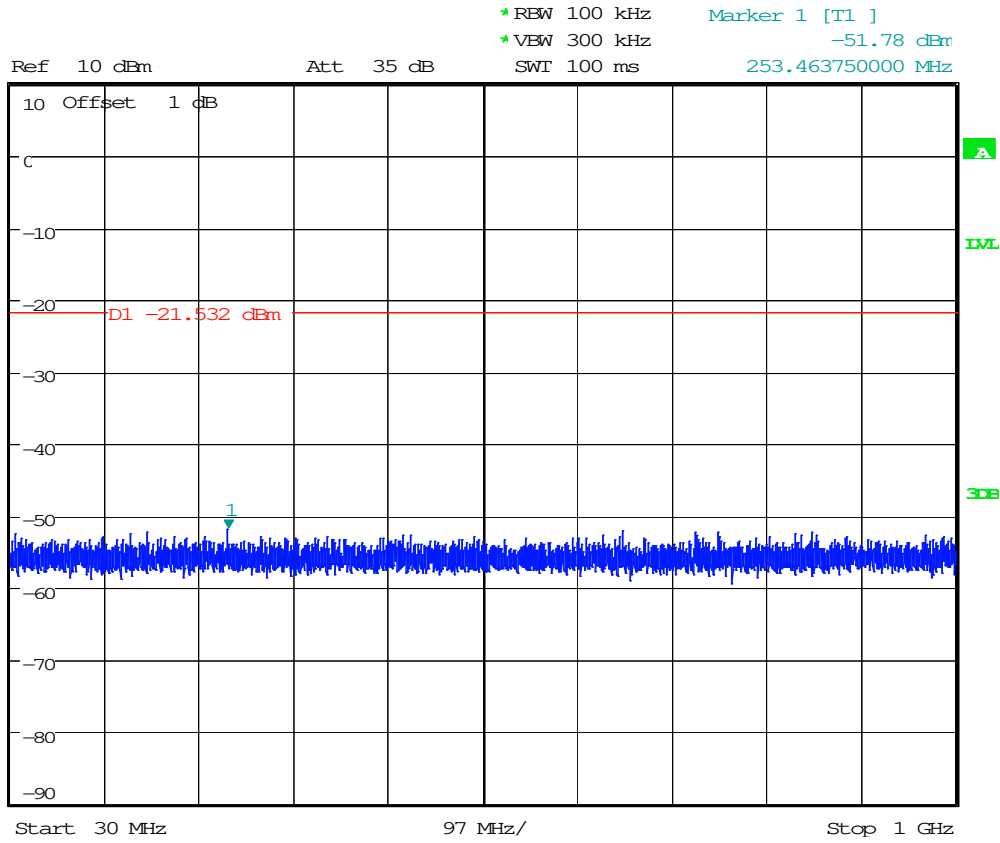


Date: 20.JUN.2014 07:51:08

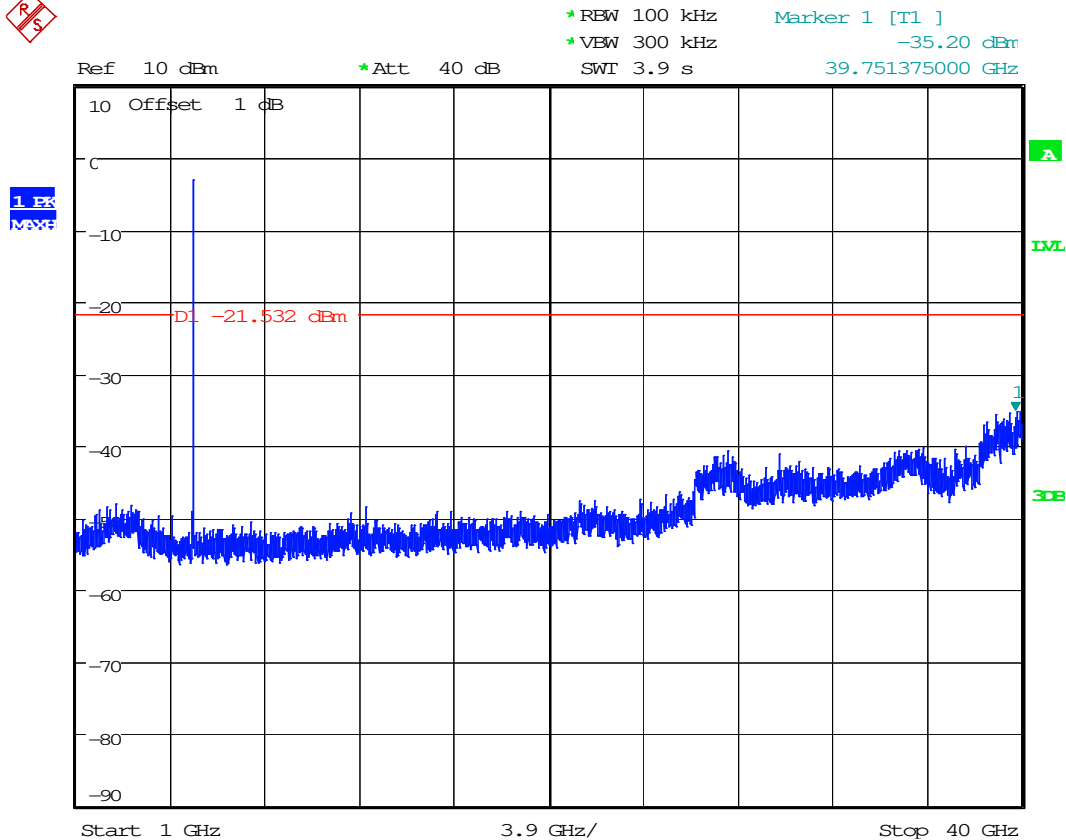
2.35 11AC20_165 Ant 1


1 EK
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Date: 20.JUN.2014 07:11:59

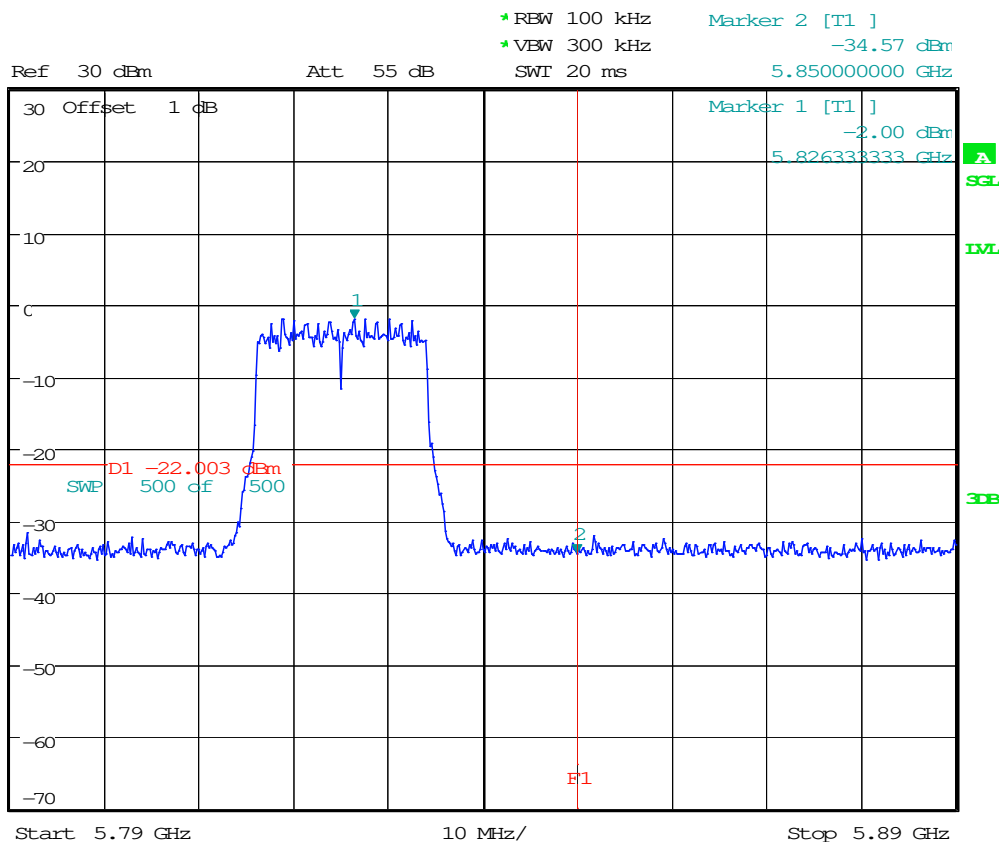
1 EK
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Date: 20.JUN.2014 07:12:14



Date: 20.JUN.2014 07:12:30

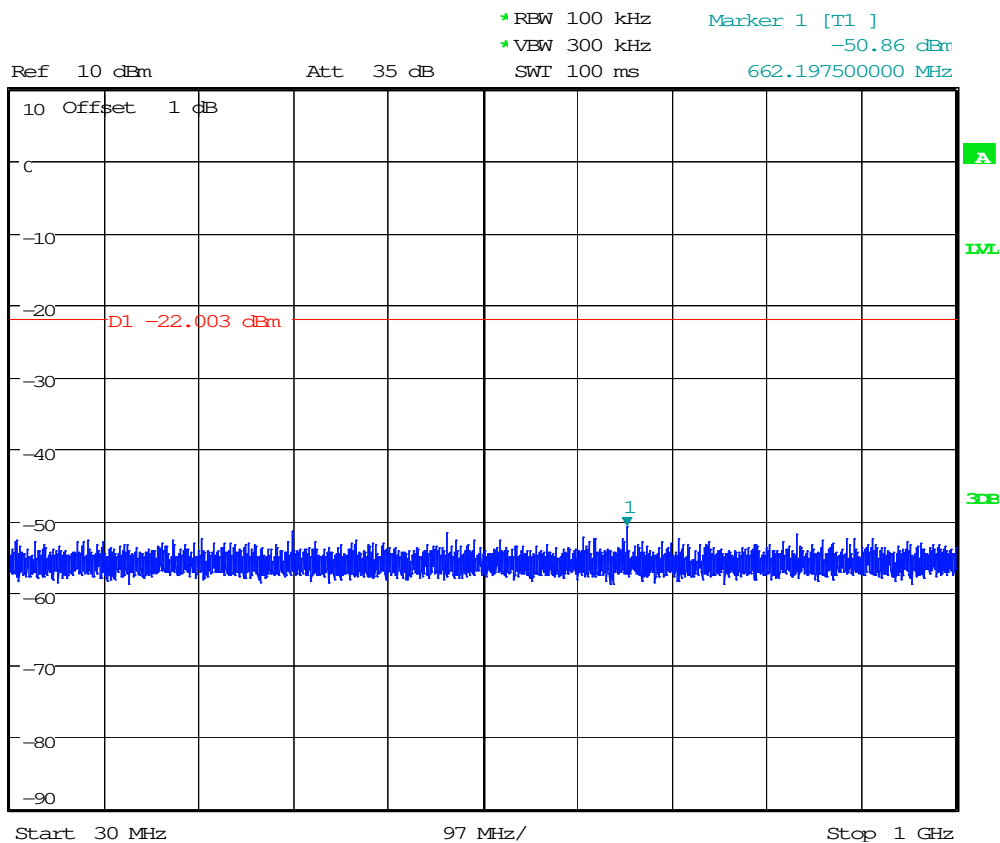
2.36 11AC20_165 Ant 2


1 EK
100W


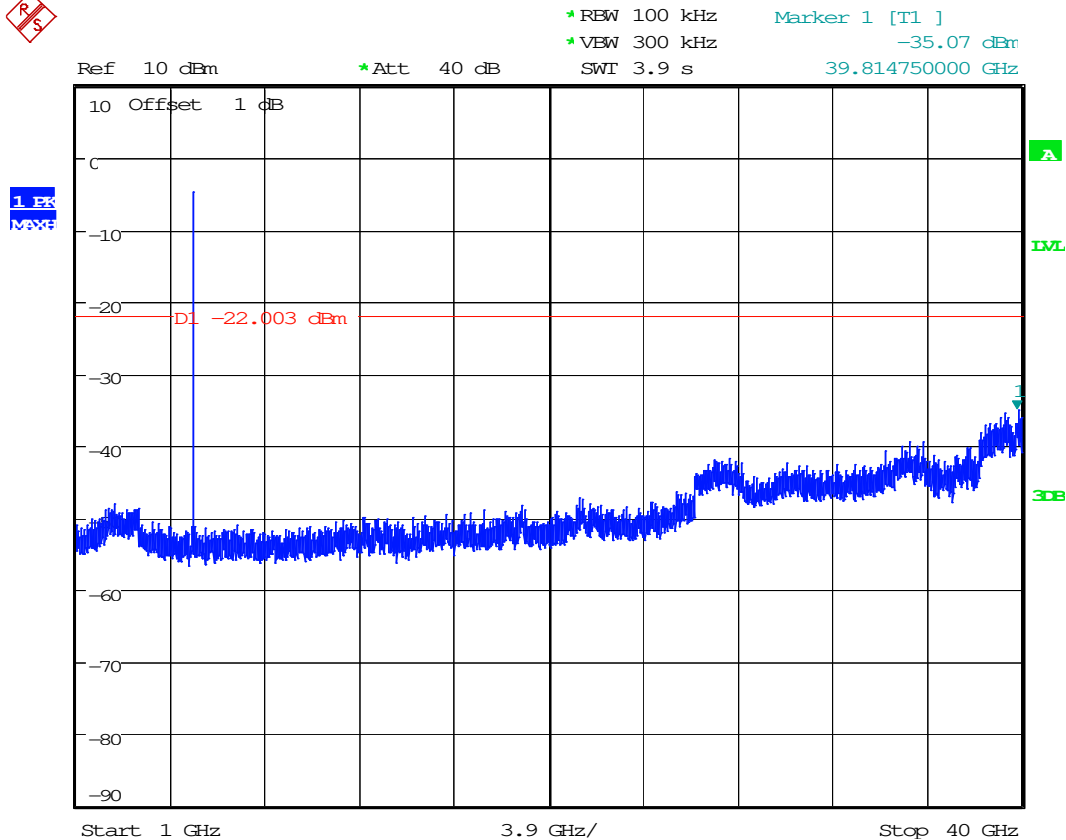
Date: 20.JUN.2014 07:17:47



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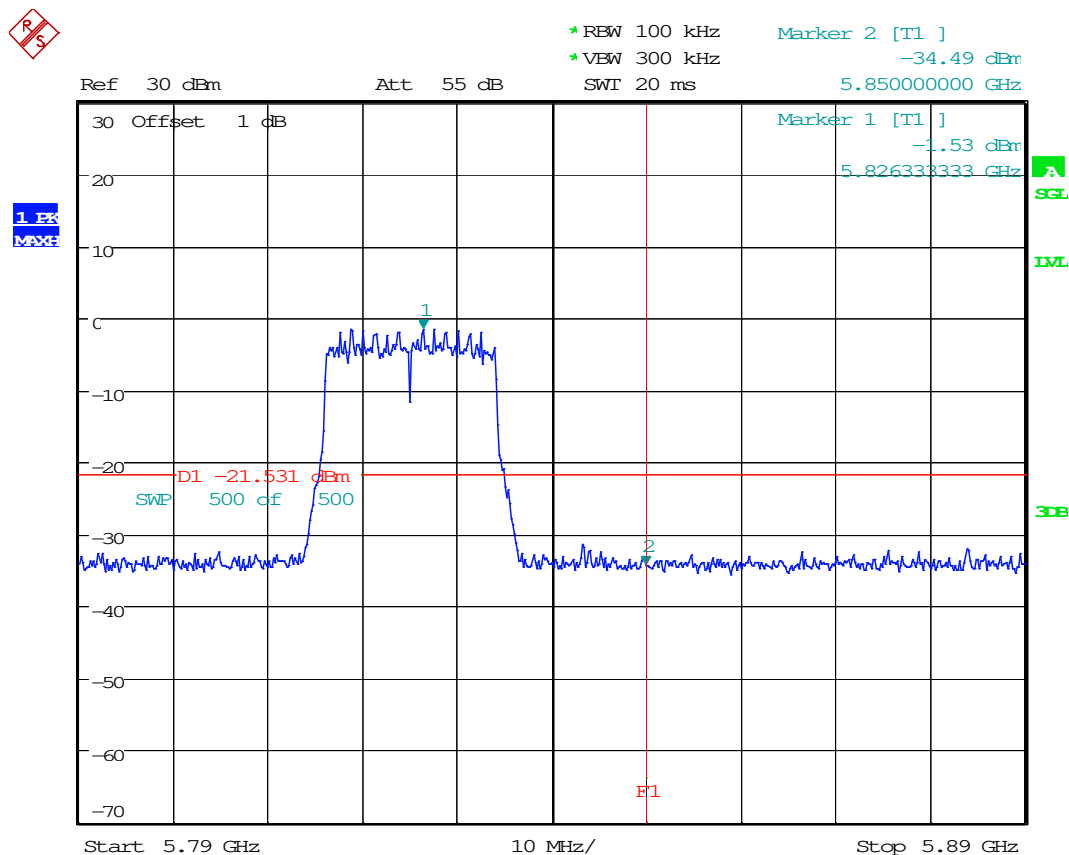


Date: 20.JUN.2014 07:18:02



Date: 20.JUN.2014 07:18:18

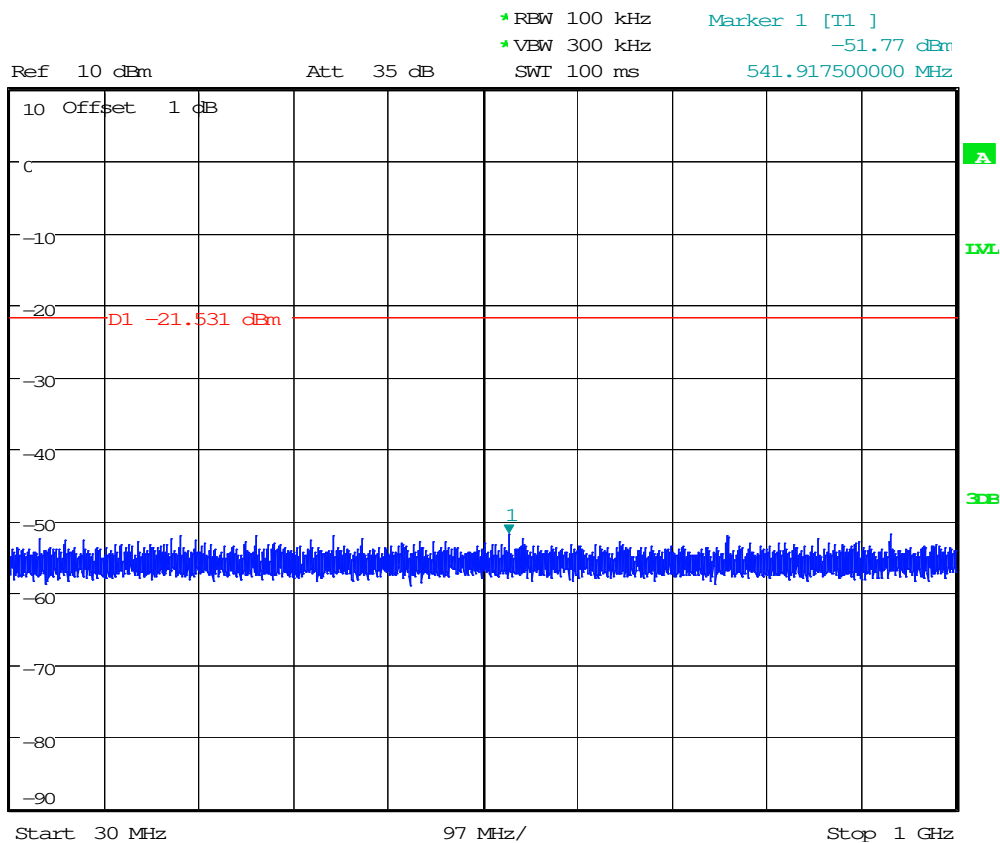
2.37 11AC20M_165 Ant 1



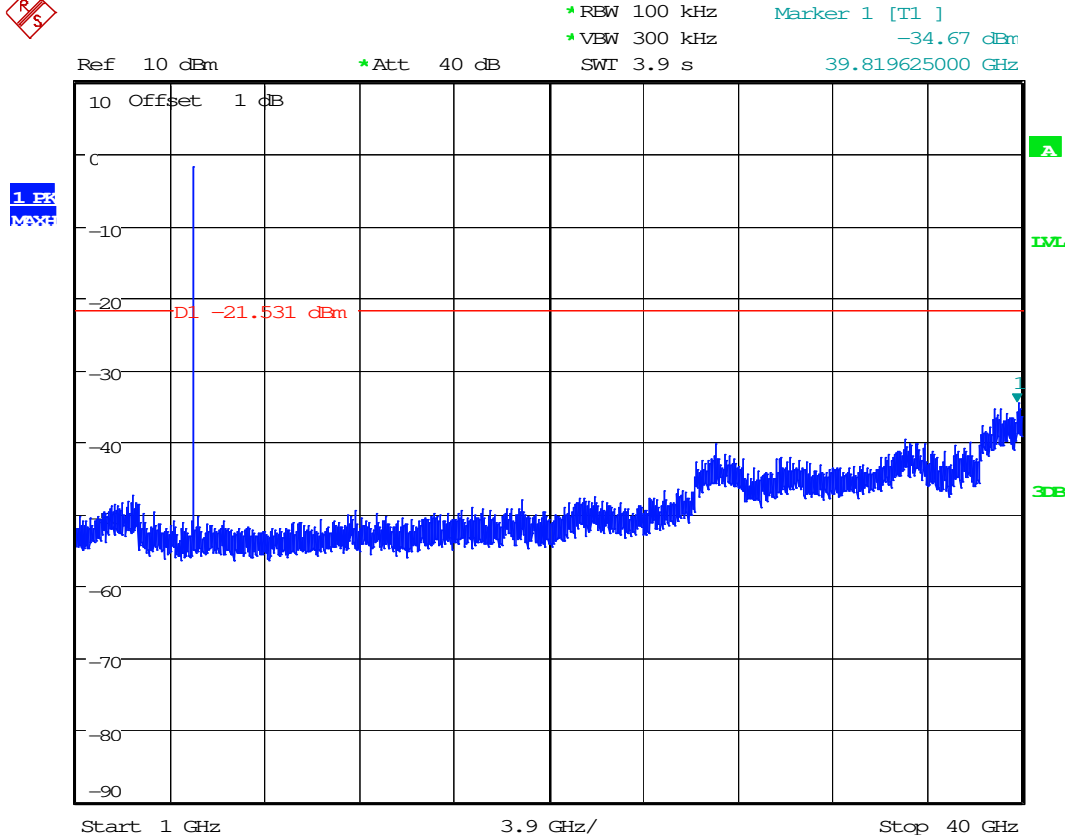
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1 EK
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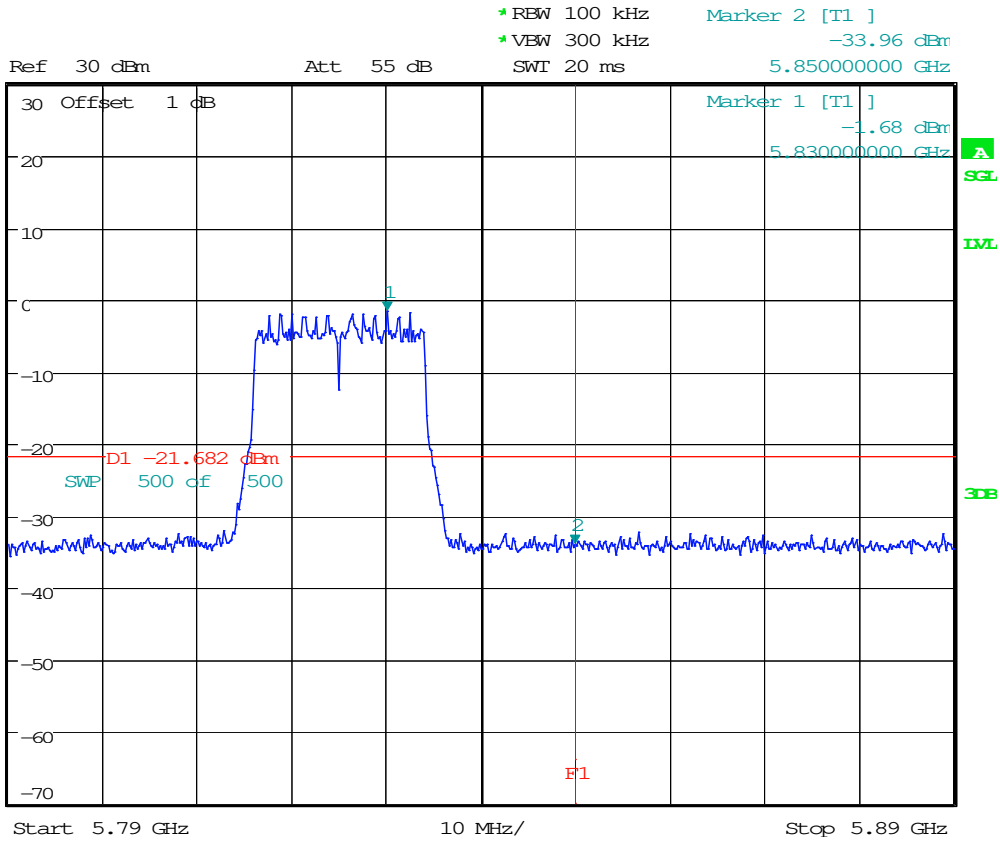


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Date: 20.JUN.2014 07:48:04

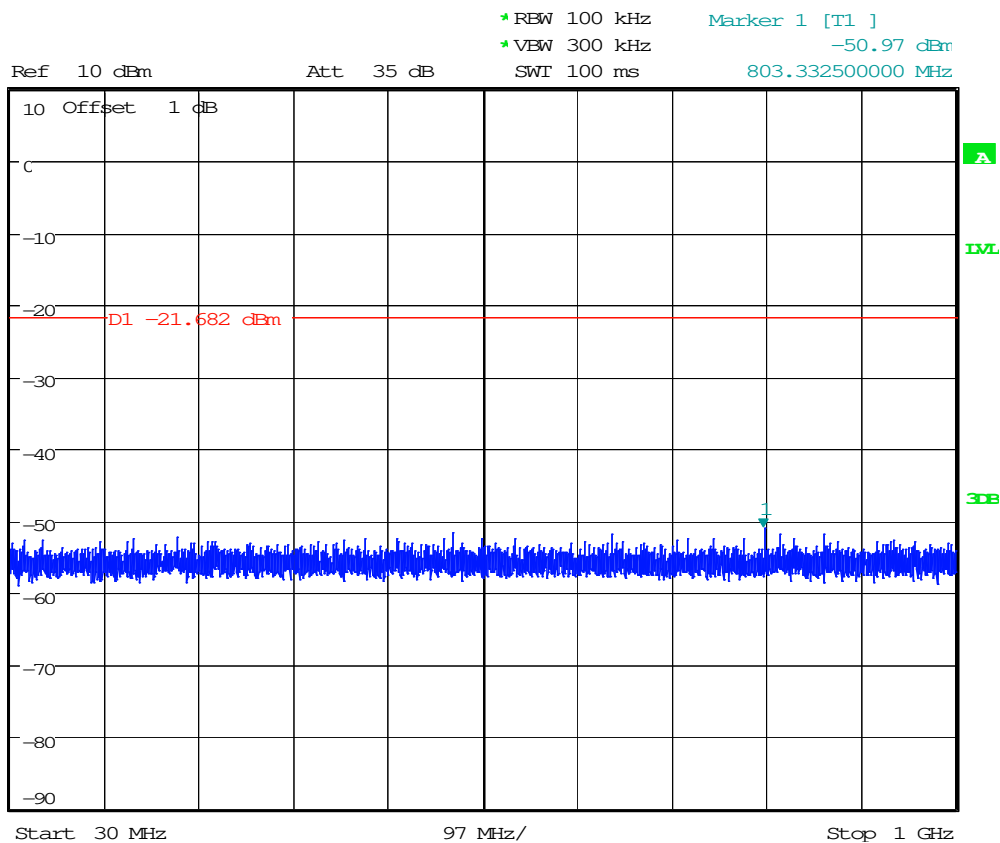
2.38 11AC20M_165 Ant 2


1 EK
100W


Date: 20.JUN.2014 07:52:10



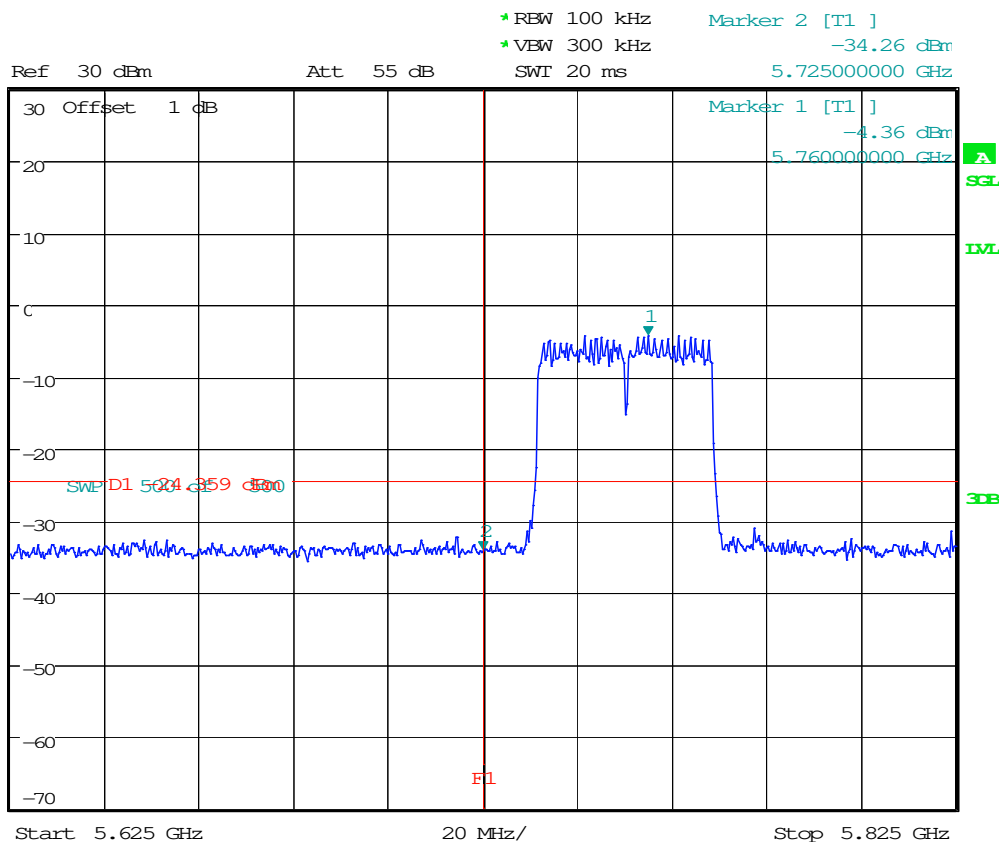
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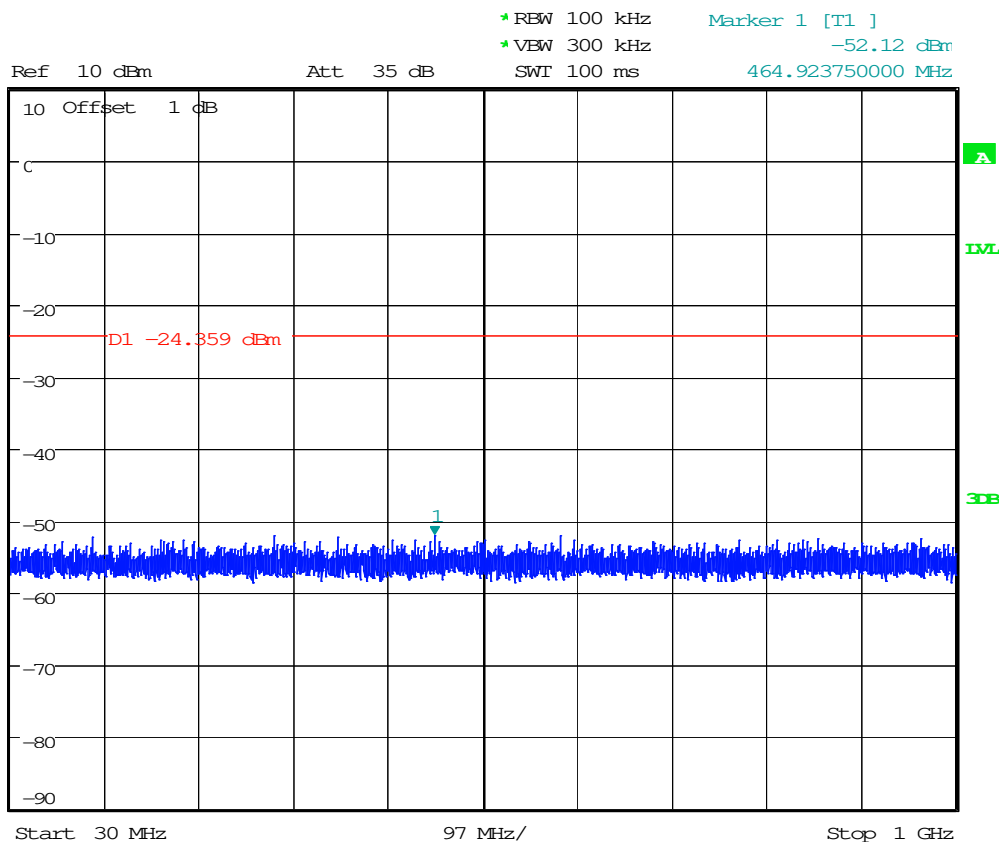
2.39 11AC40_151 Ant 1


1 EK
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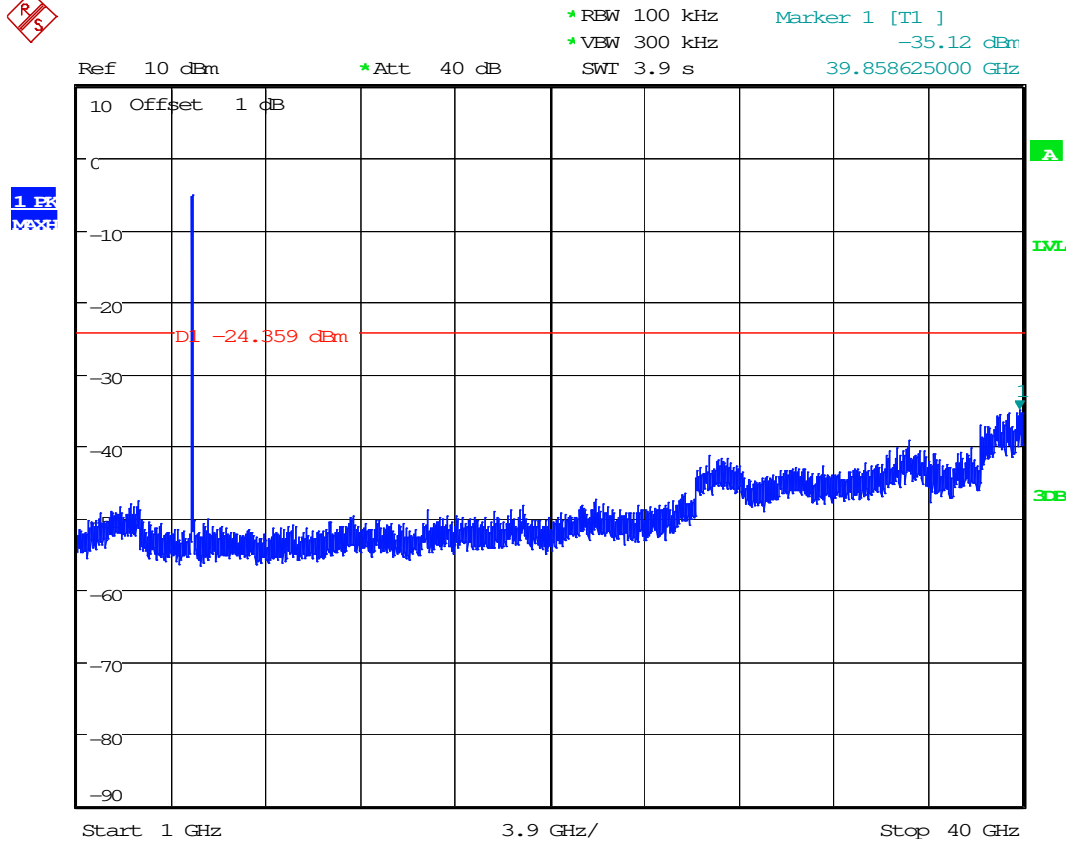
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1. EK
MAX



Date: 20.JUN.2014 07:21:17

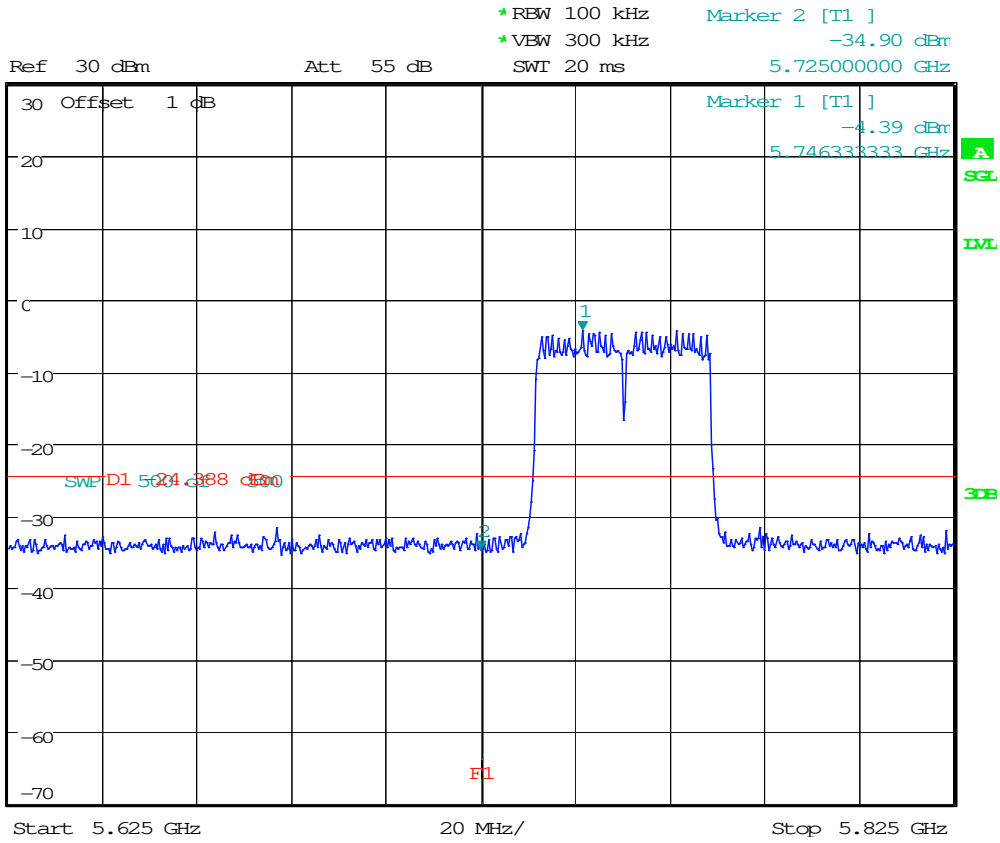


Date: 20.JUN.2014 07:21:33

2.40 11AC40_151 Ant 2



1 EK
MAX



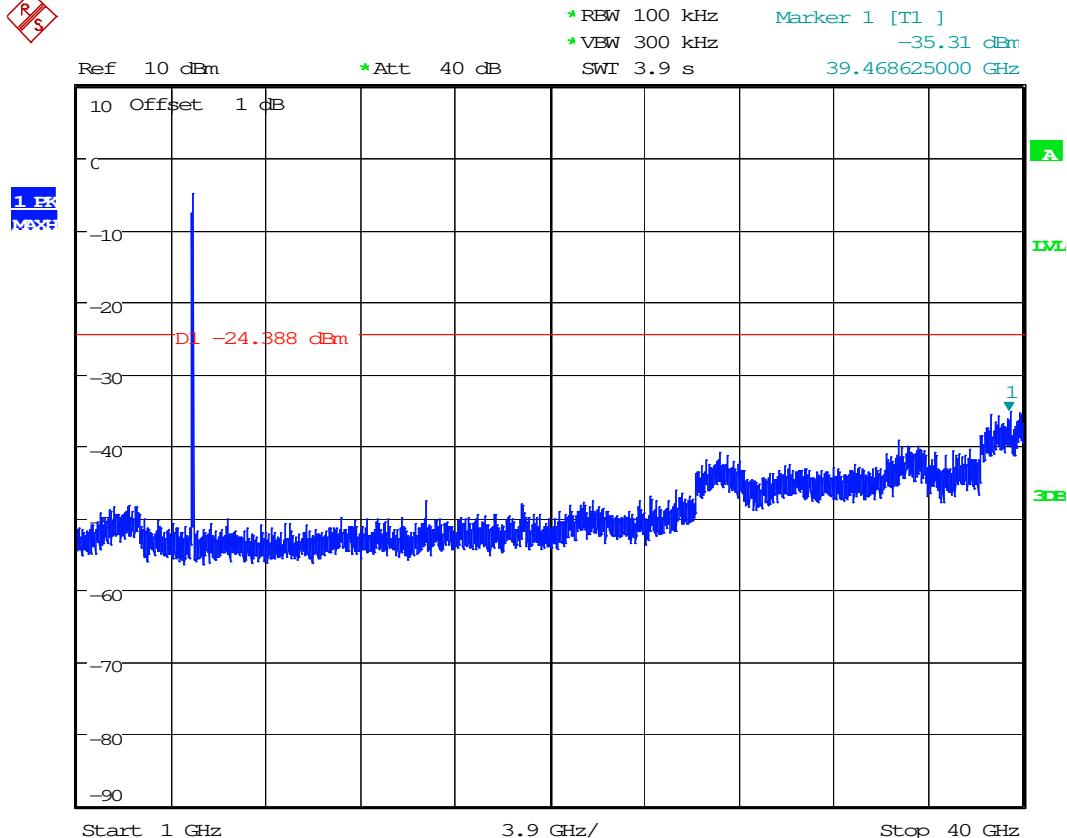
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A

LM

3DB



Date: 20.JUN.2014 07:32:35

2.41 11AC40M_151 Ant 1

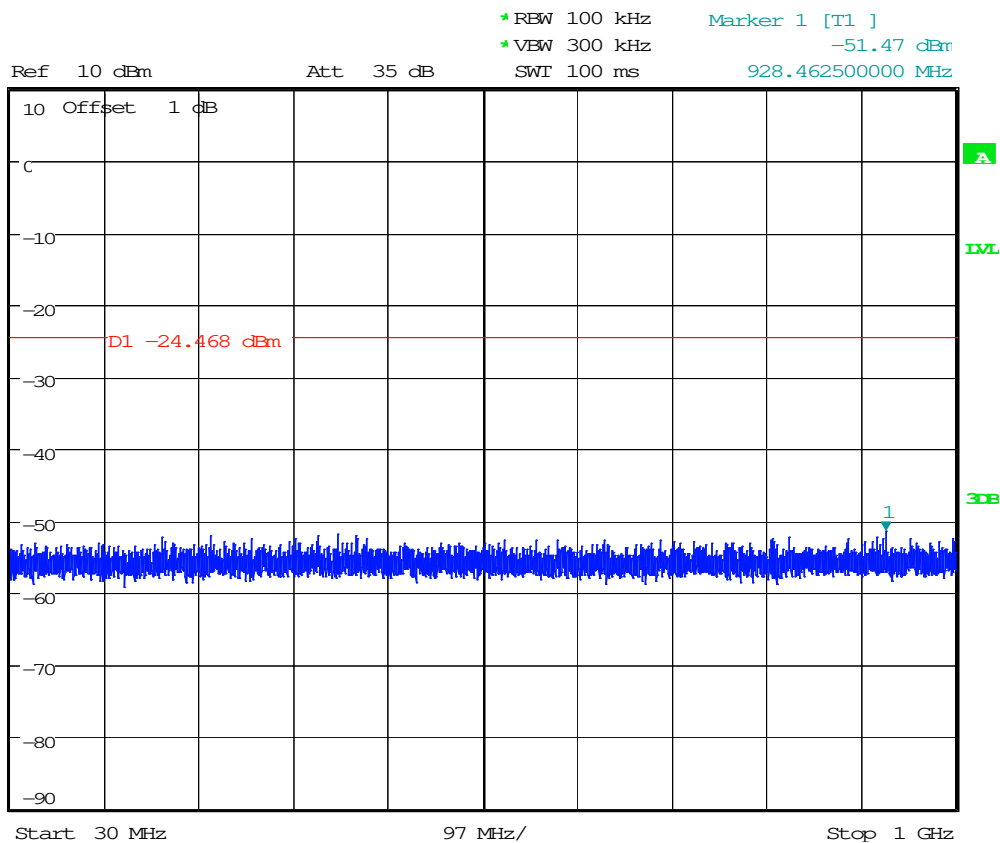


Report No:
SYBH(Z-RF)032052014-2003

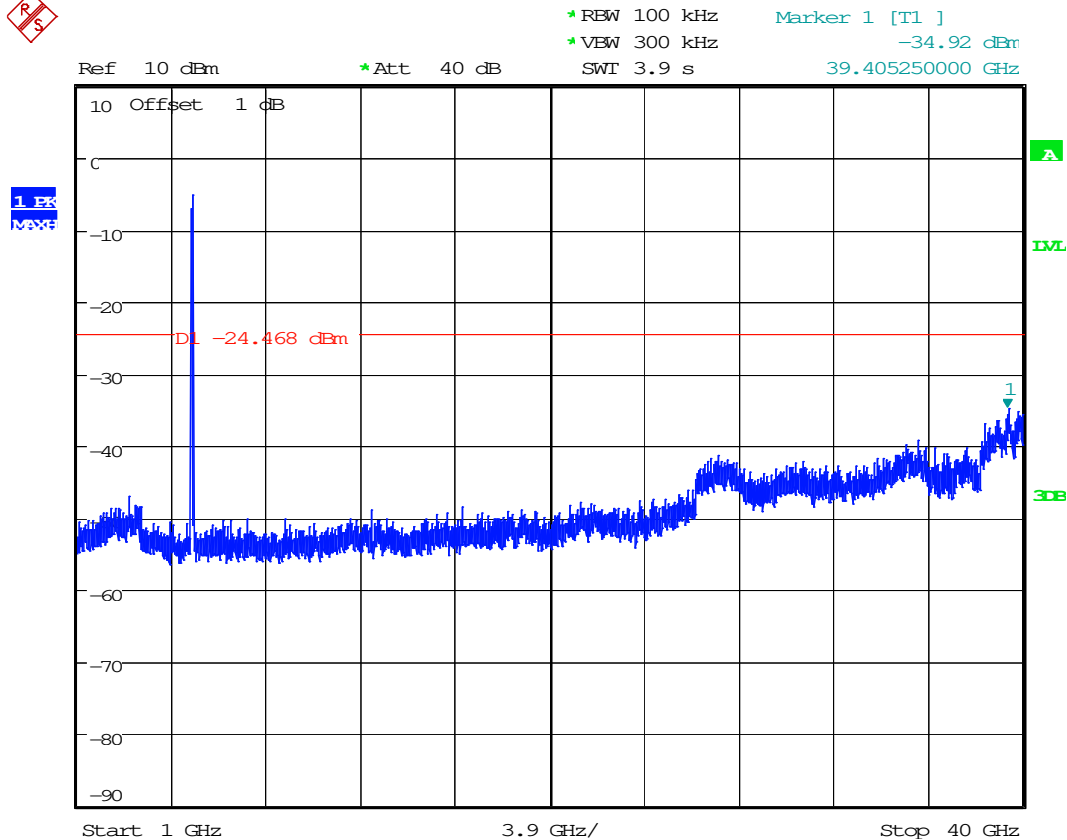
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1. EK
100%



Date: 20.JUN.2014 07:55:21

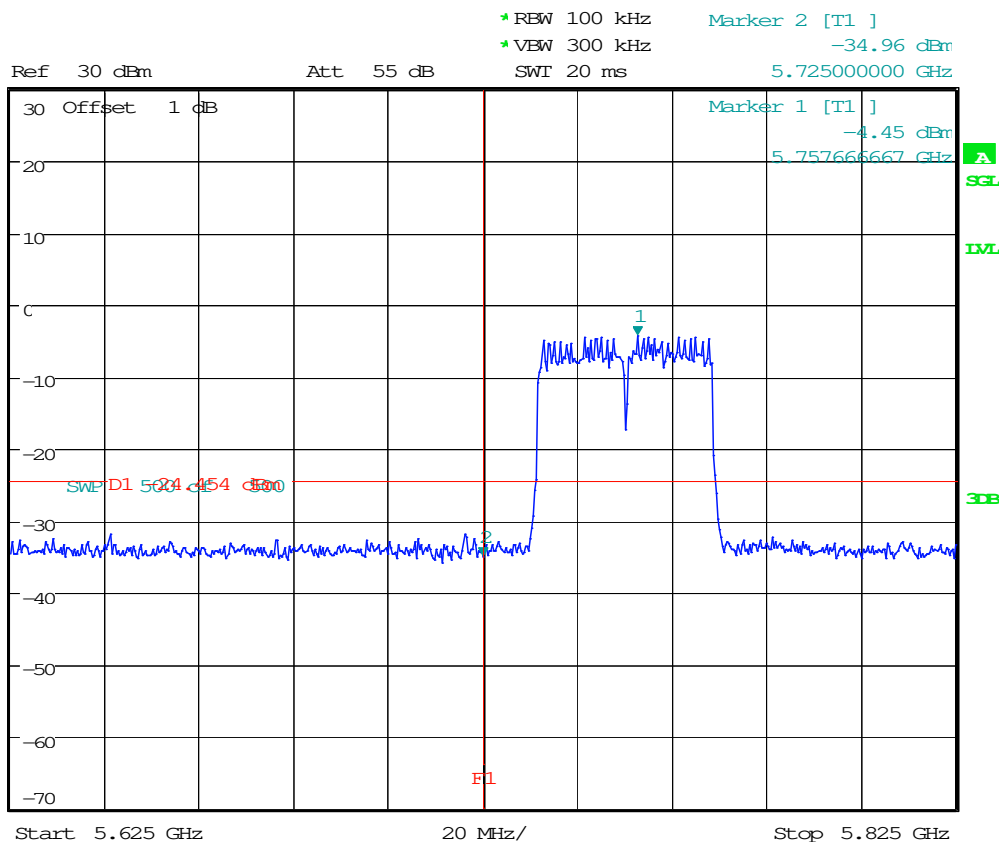


Date: 20.JUN.2014 07:55:37

2.42 11AC40M_151 Ant 2



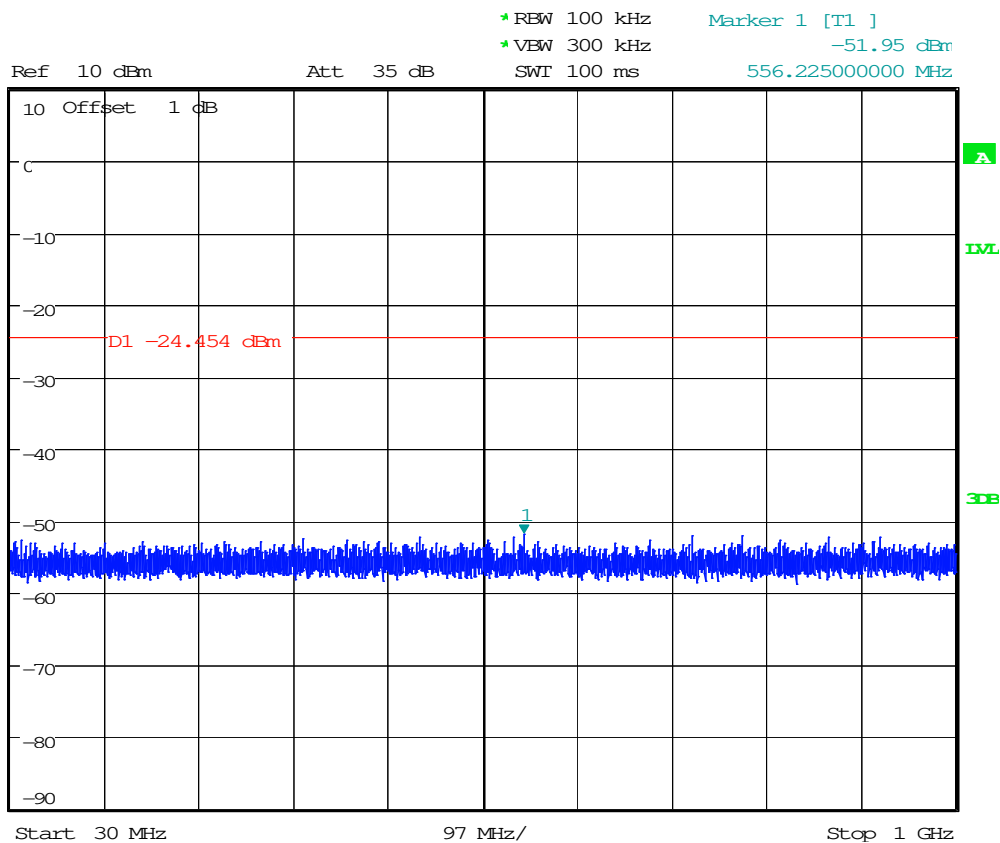
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MAX



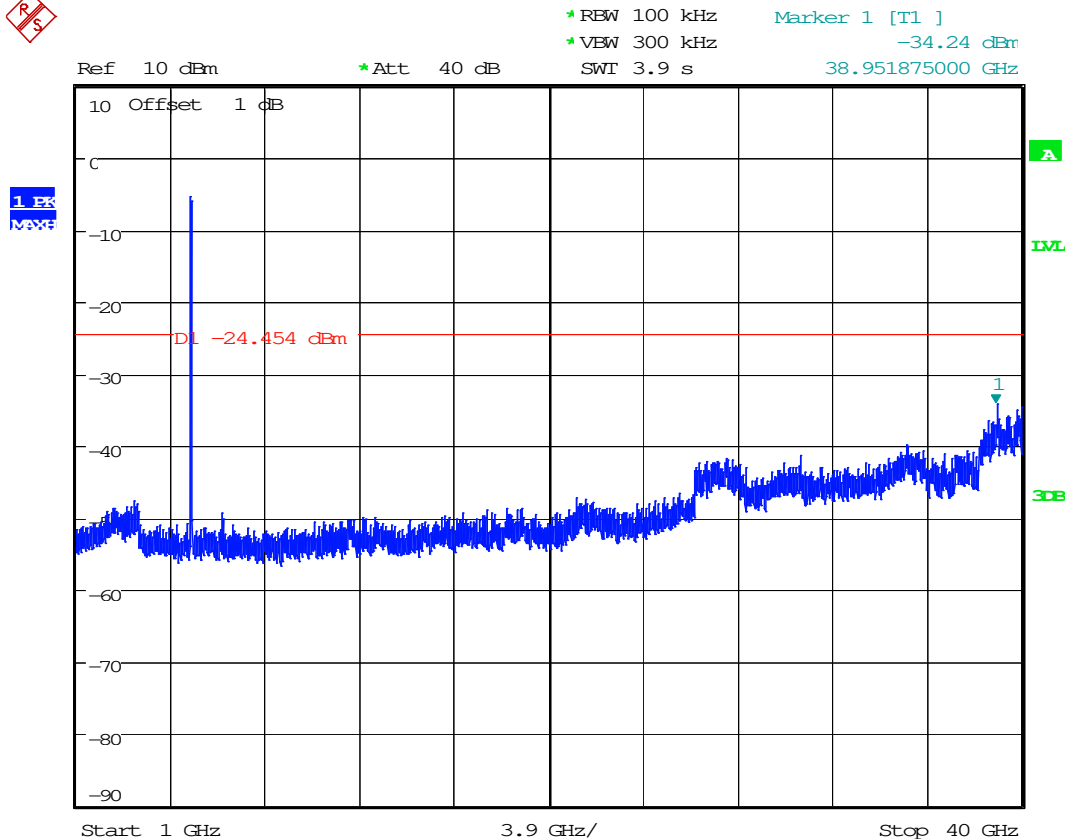
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1 EK
MAX



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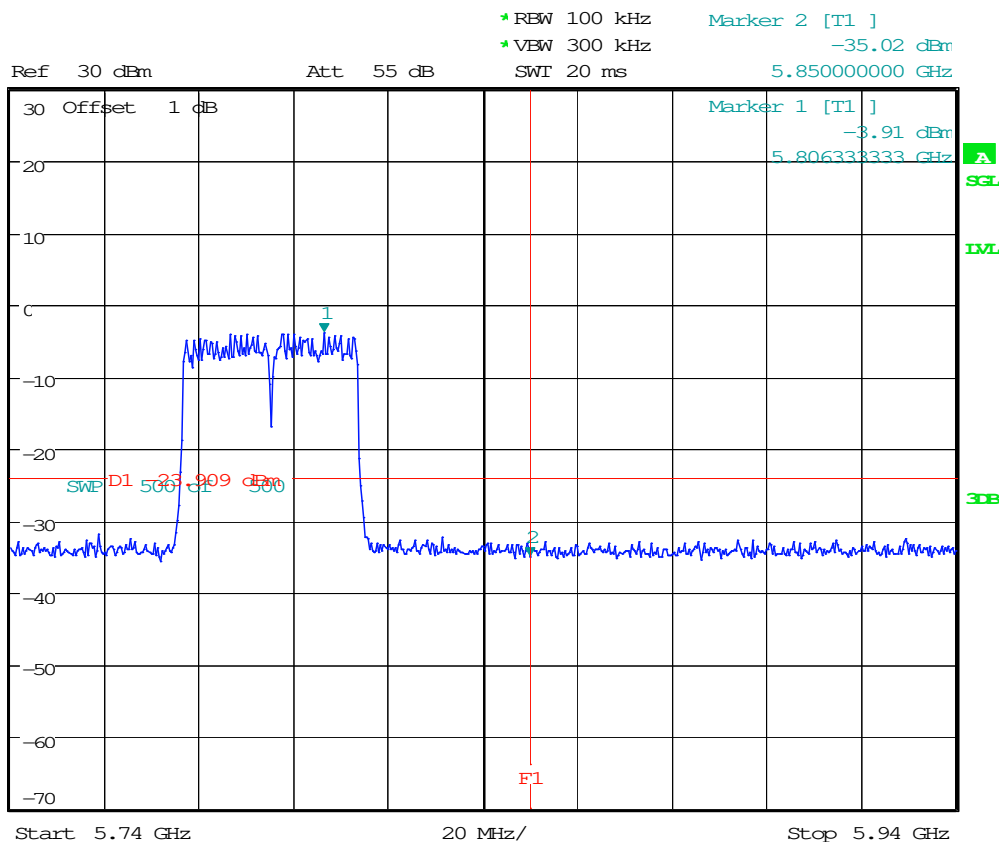


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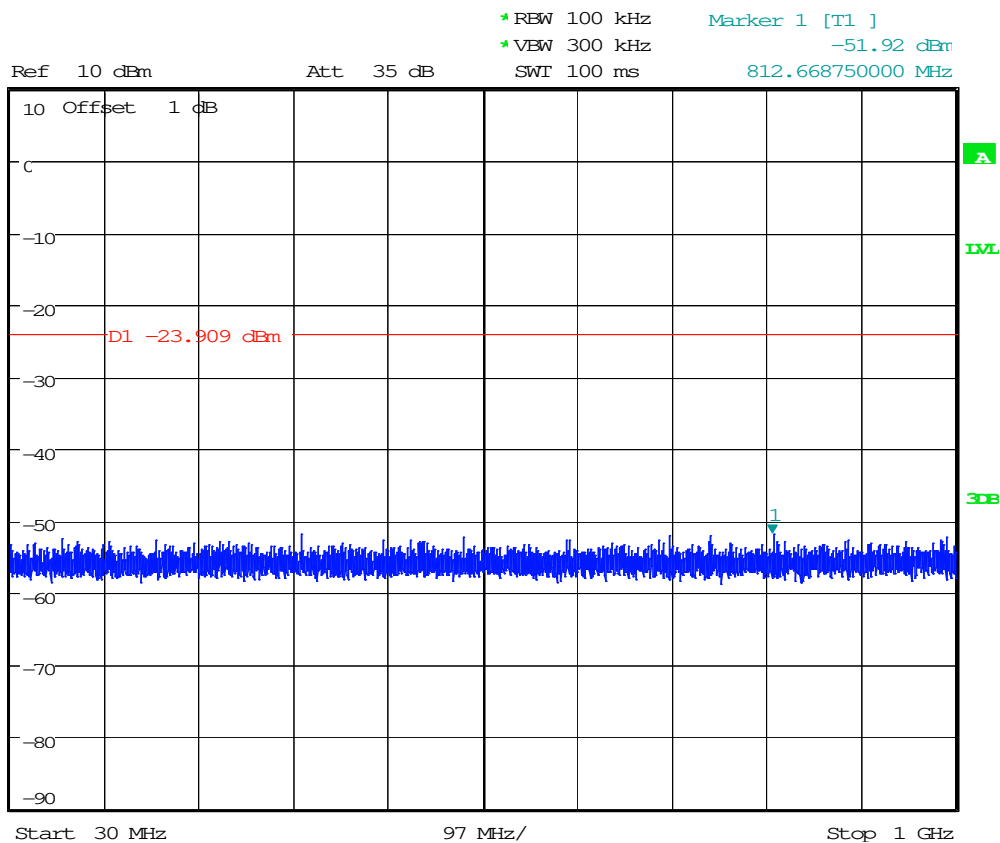
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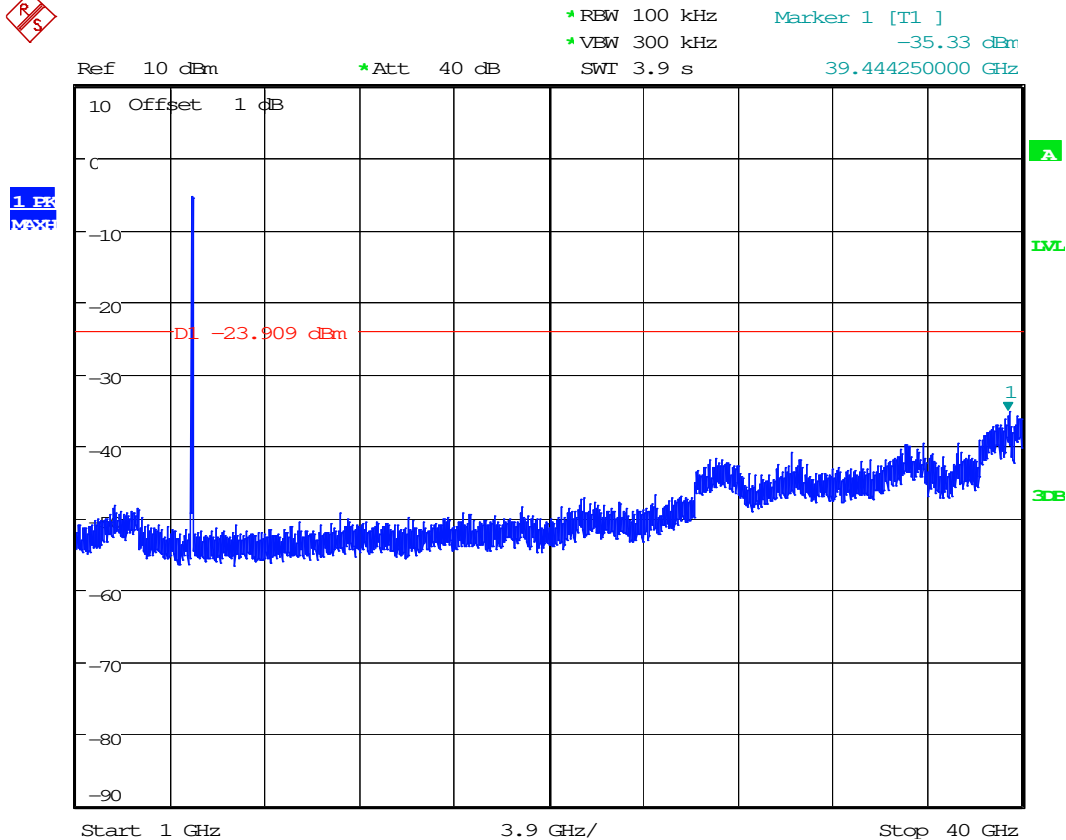
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1. EK
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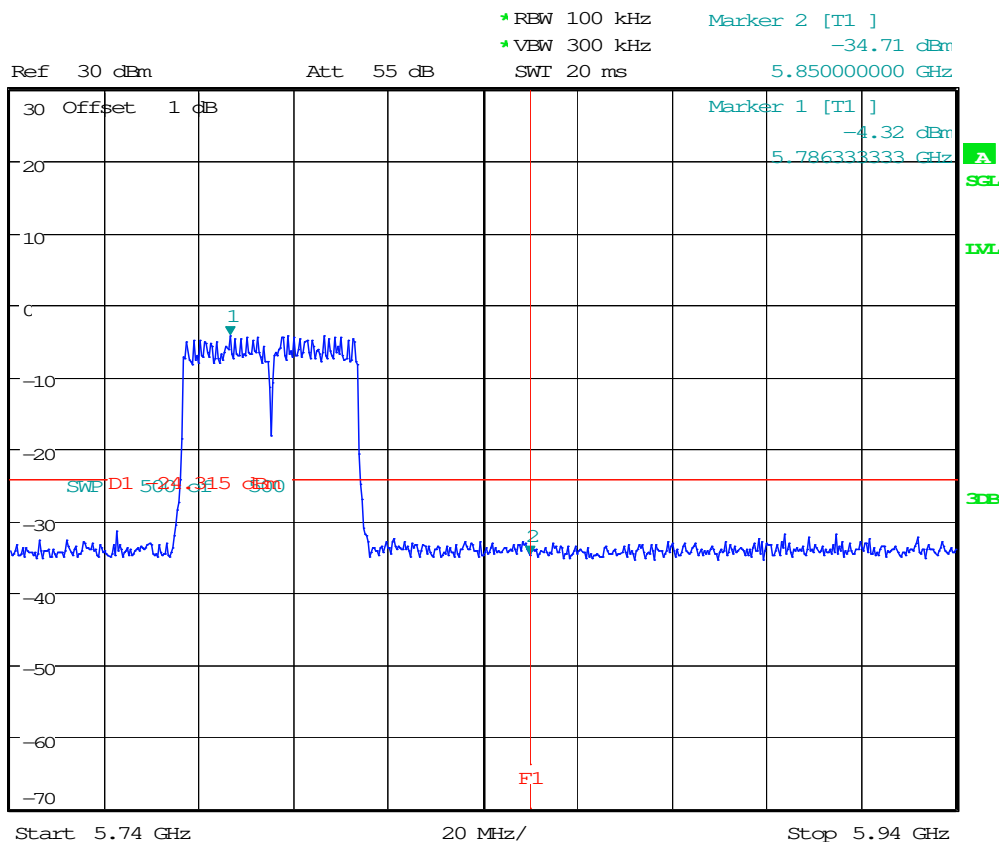


Date: 20.JUN.2014 07:24:02



Date: 20.JUN.2014 07:24:18

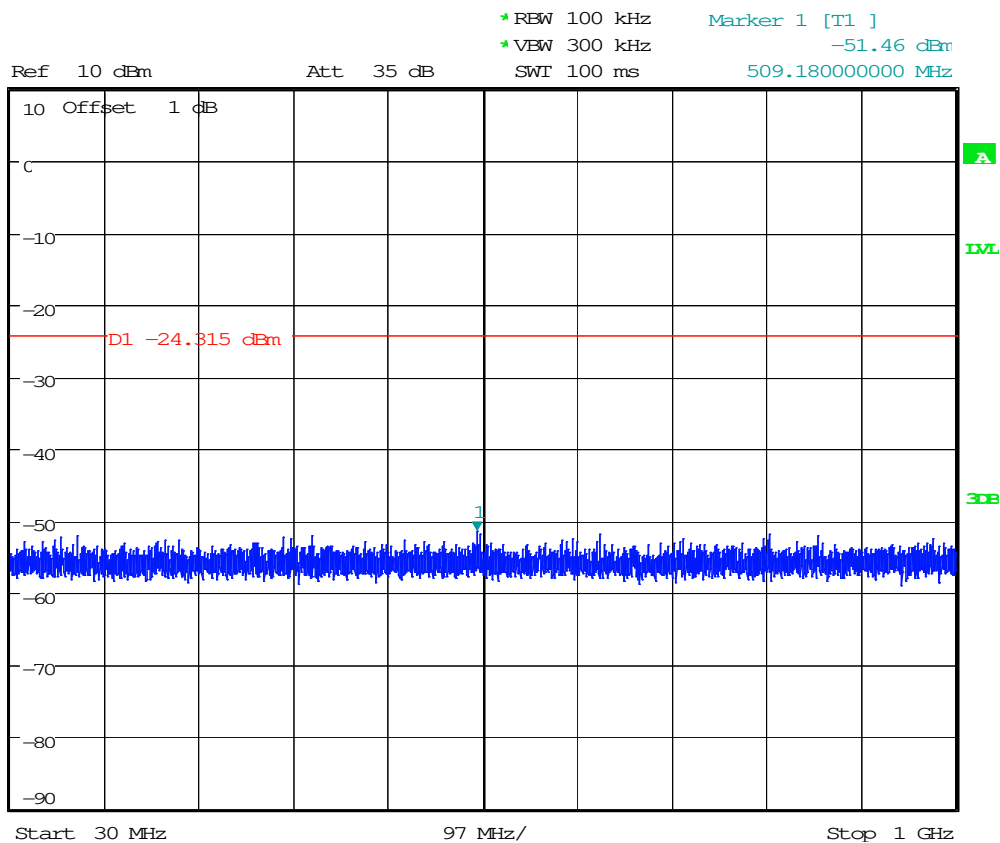
2.44 11AC40_159 Ant 2


1 EK
100%


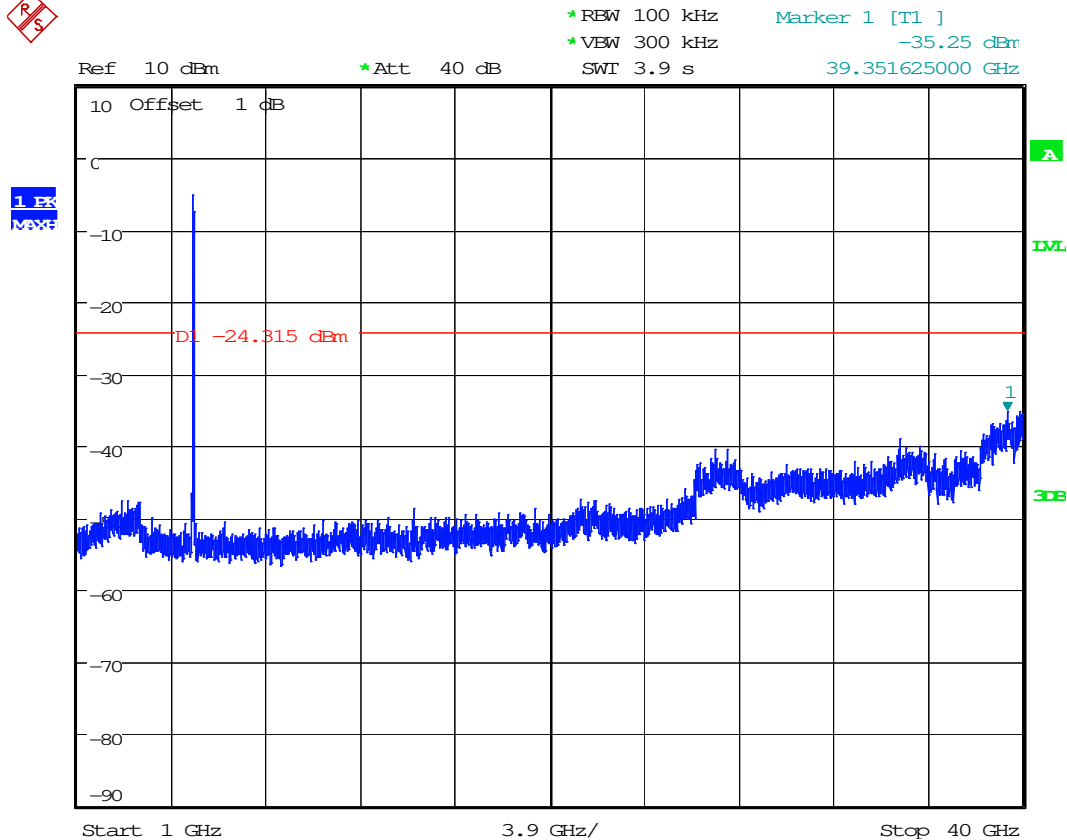
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1 EK
MAX

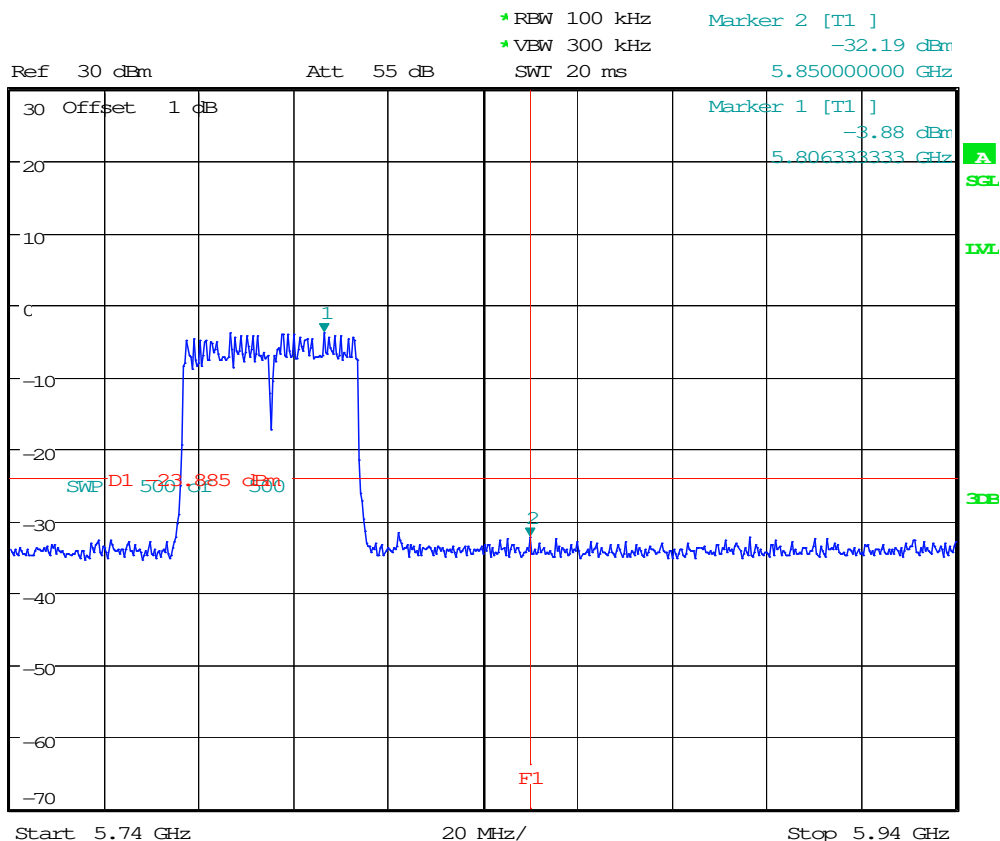


Date: 20.JUN.2014 07:35:13



Date: 20.JUN.2014 07:35:29

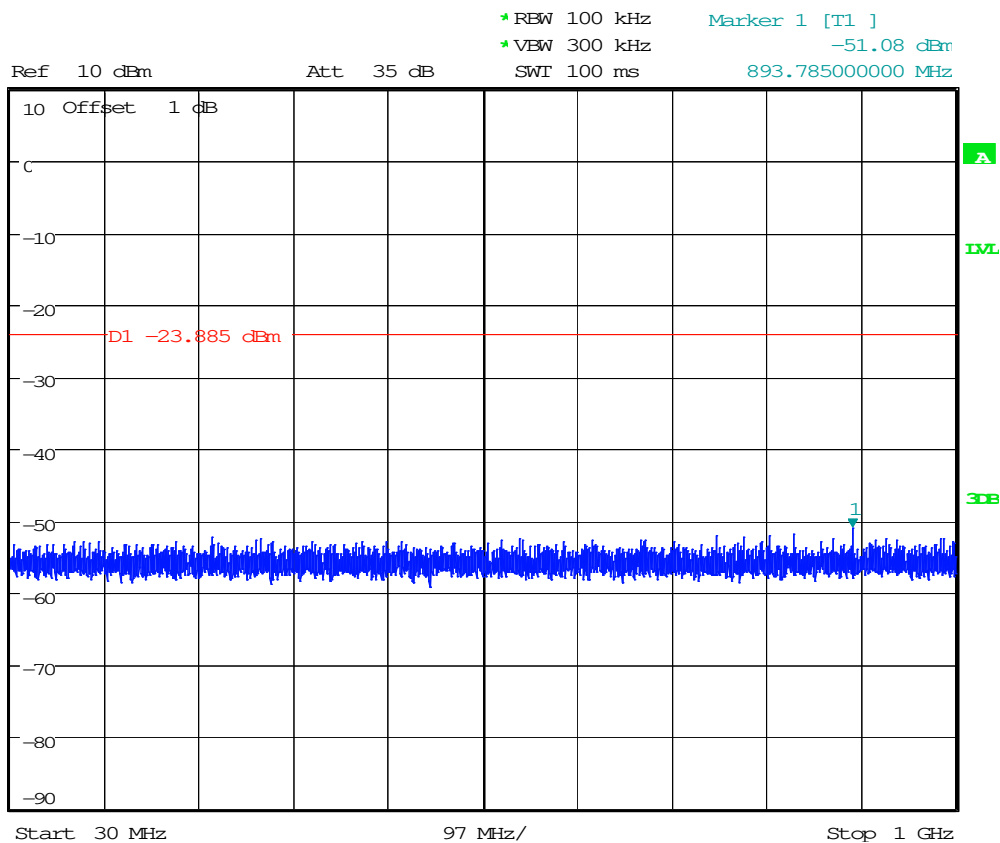
2.45 11AC40M_159 Ant 1


1 EK
MAX


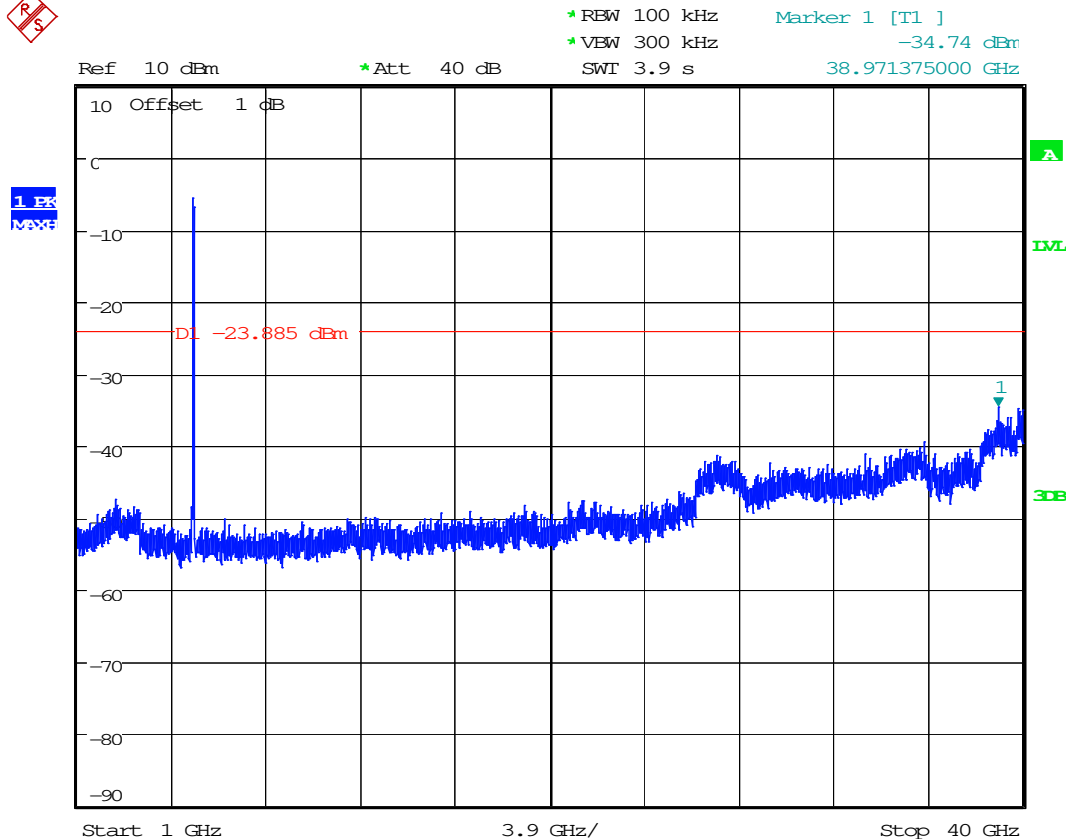
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1. EK
100%



Date: 20.JUN.2014 07:57:34

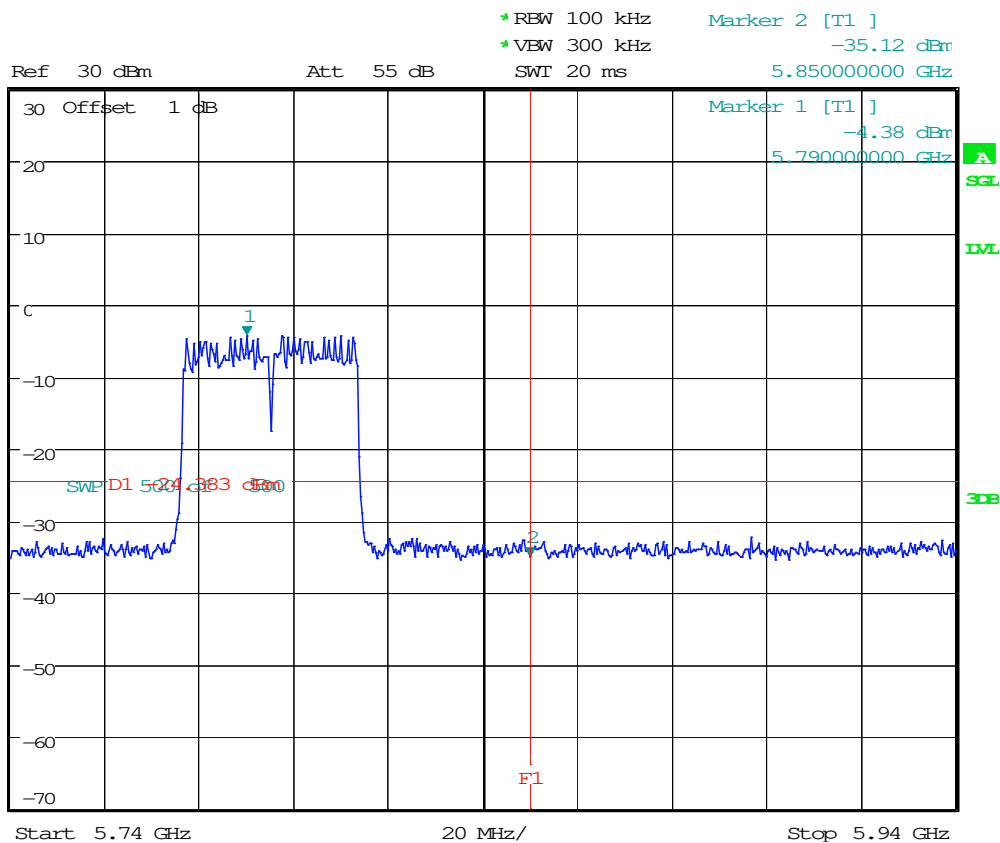


Date: 20.JUN.2014 07:57:50

2.46 11AC40M_159 Ant 2



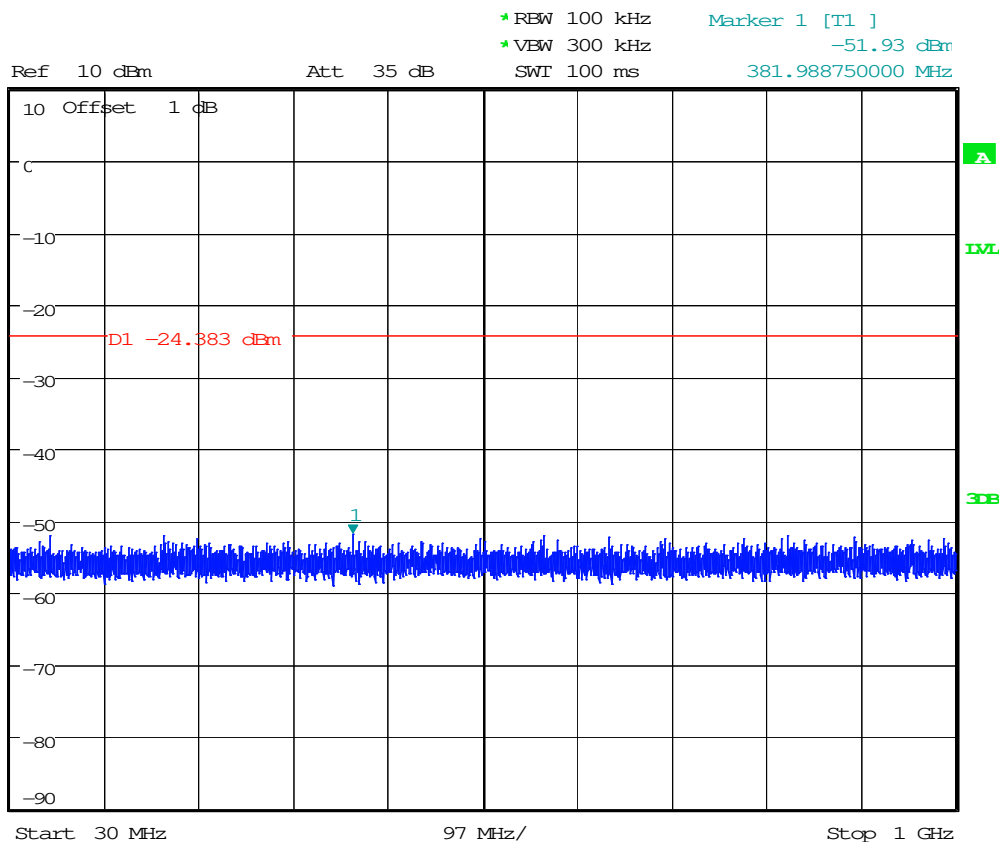
1 EK
MAX



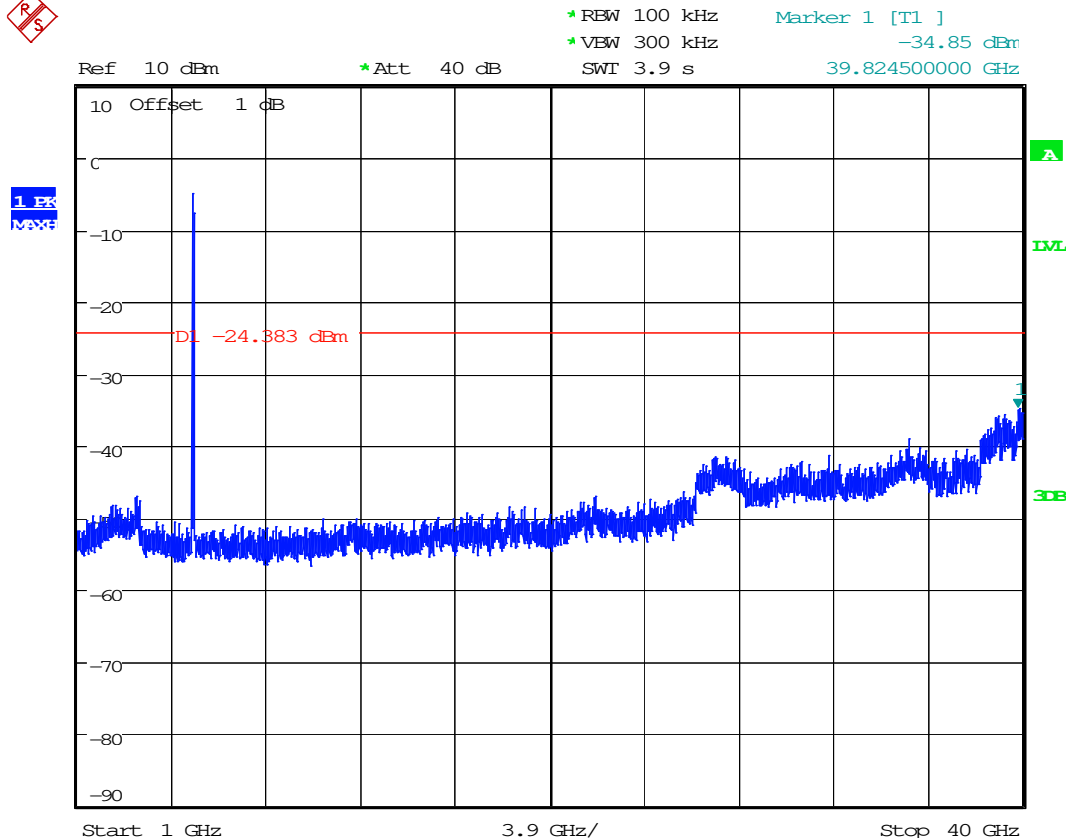
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1 EK
MAX

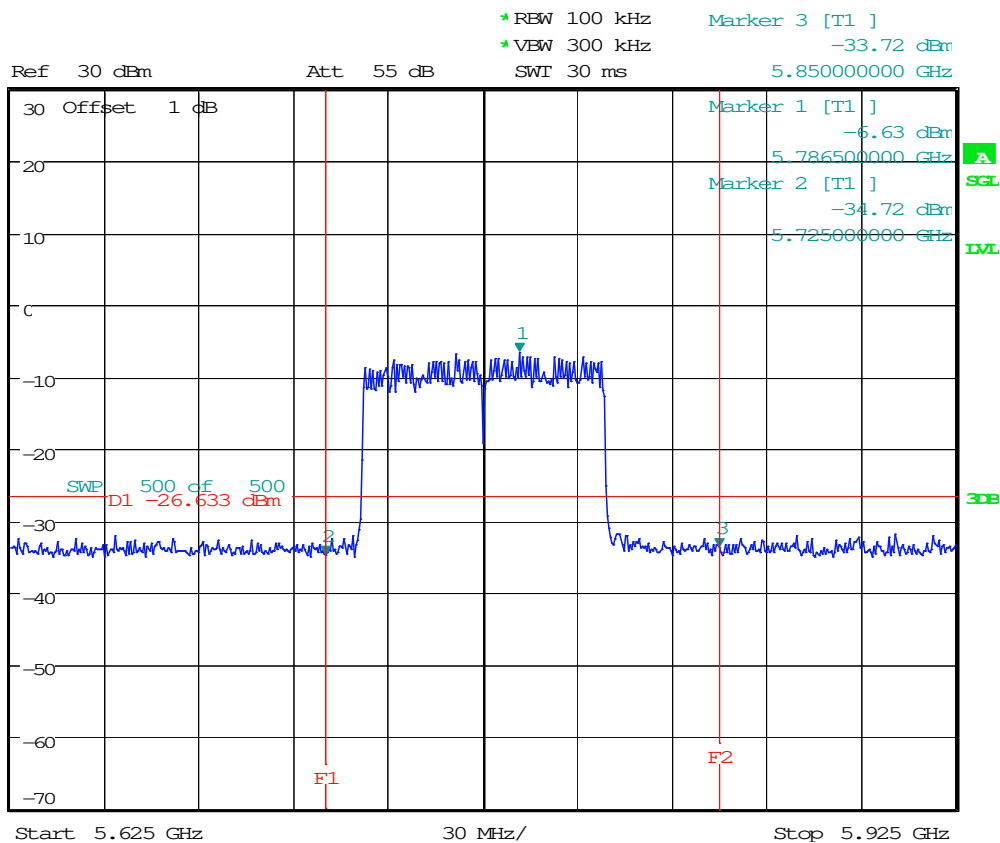


Date: 20.JUN.2014 08:02:36



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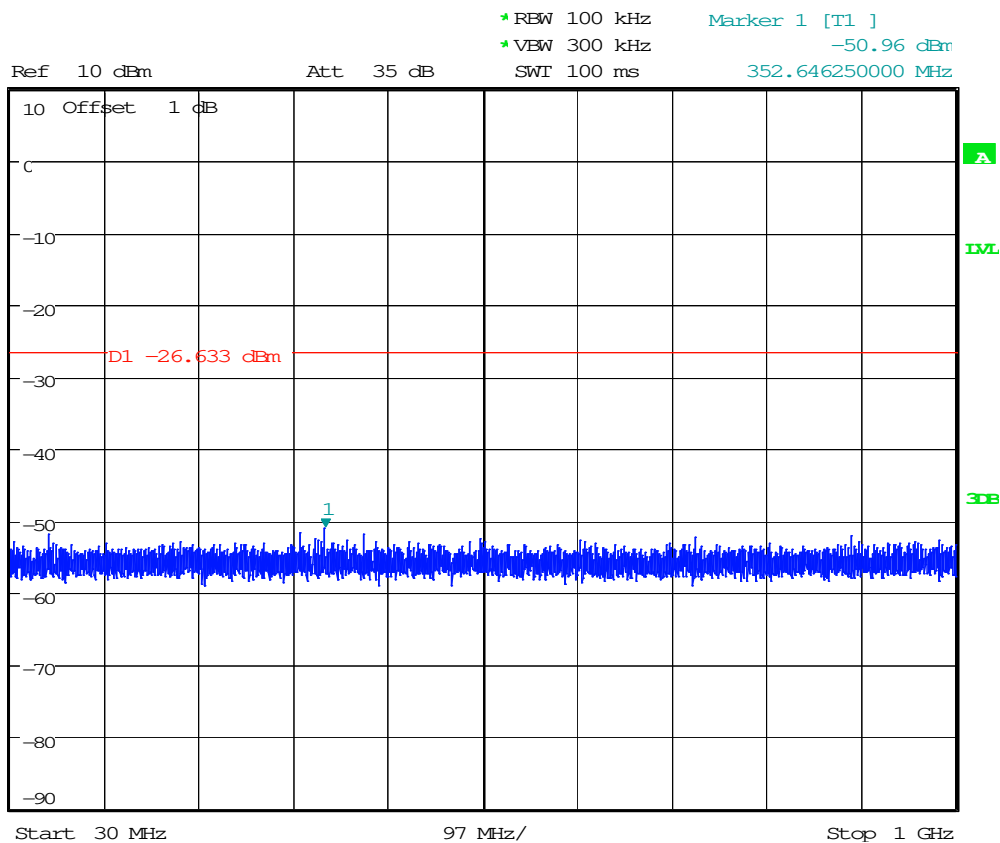
2.47 11AC80_155 Ant 1


1 EK
MAX


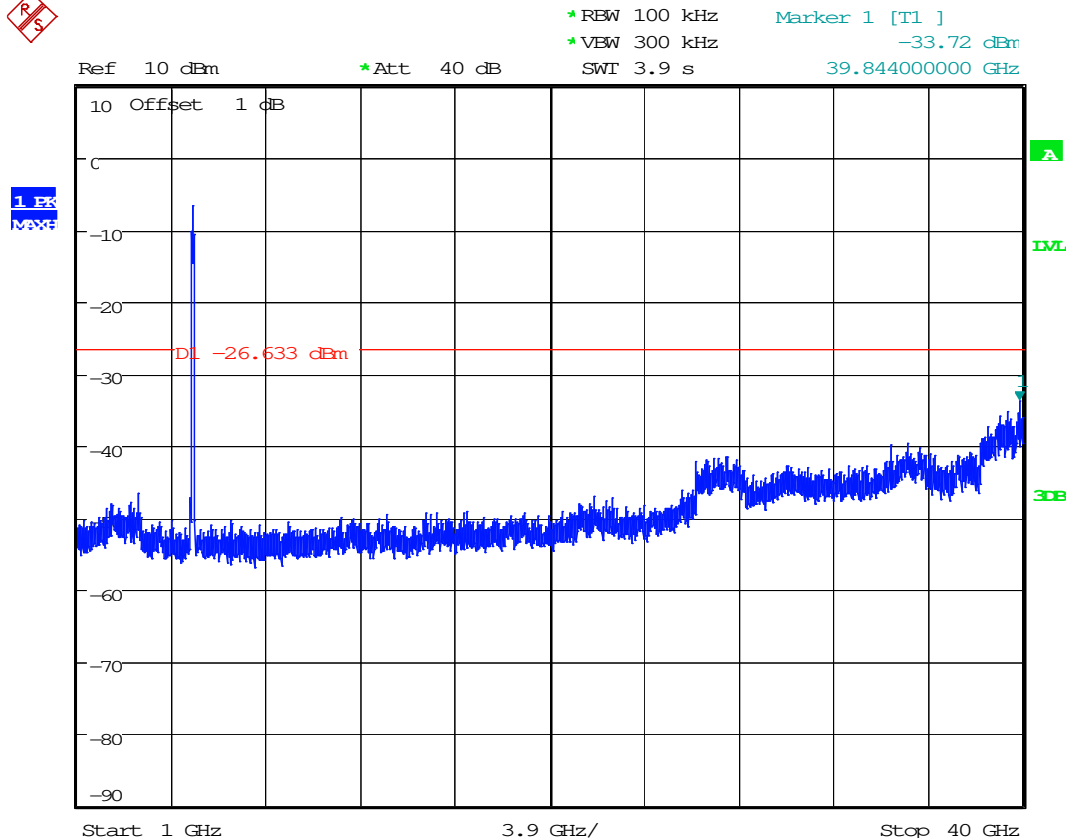
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1 EK
MAX



Date: 20.JUN.2014 07:39:20

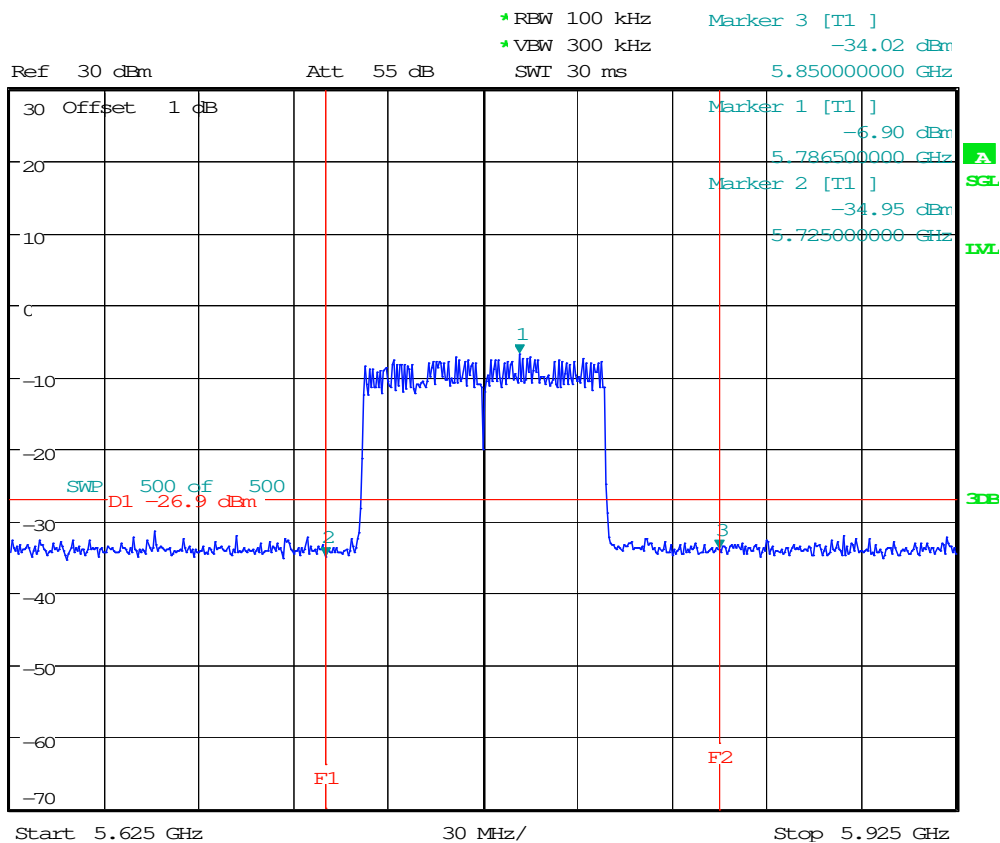


Date: 20.JUN.2014 07:39:36

2.48 11AC80_155 Ant 2



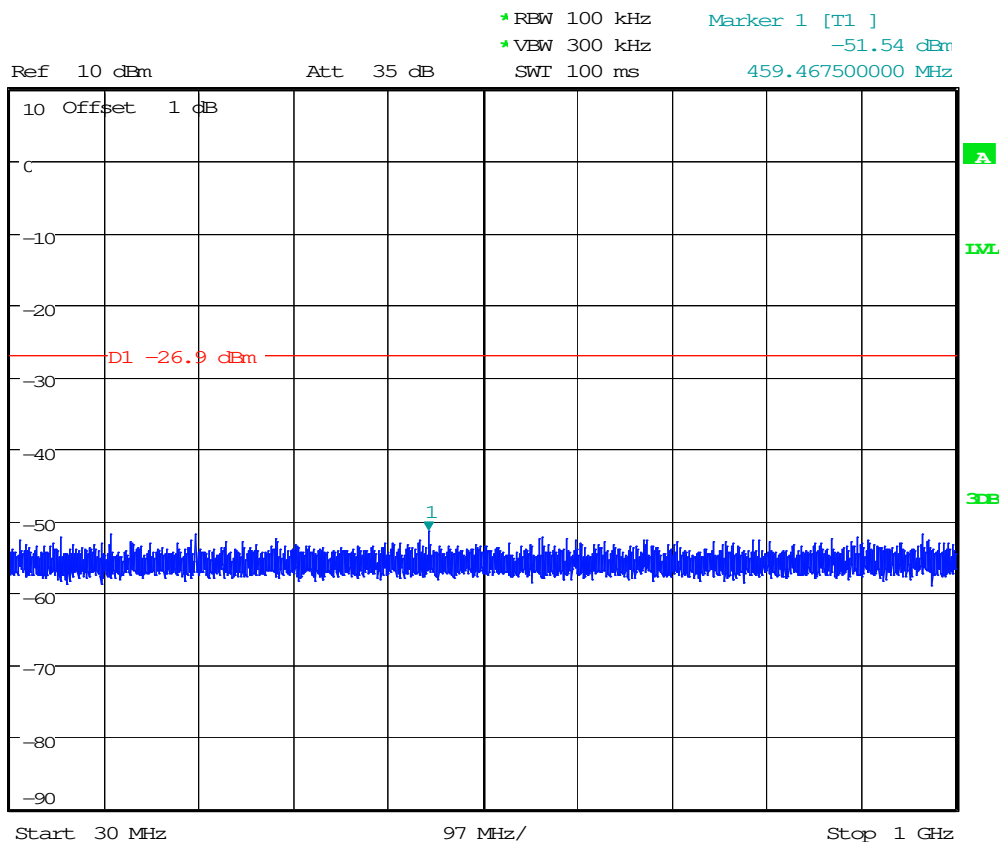
1 EK
MAX



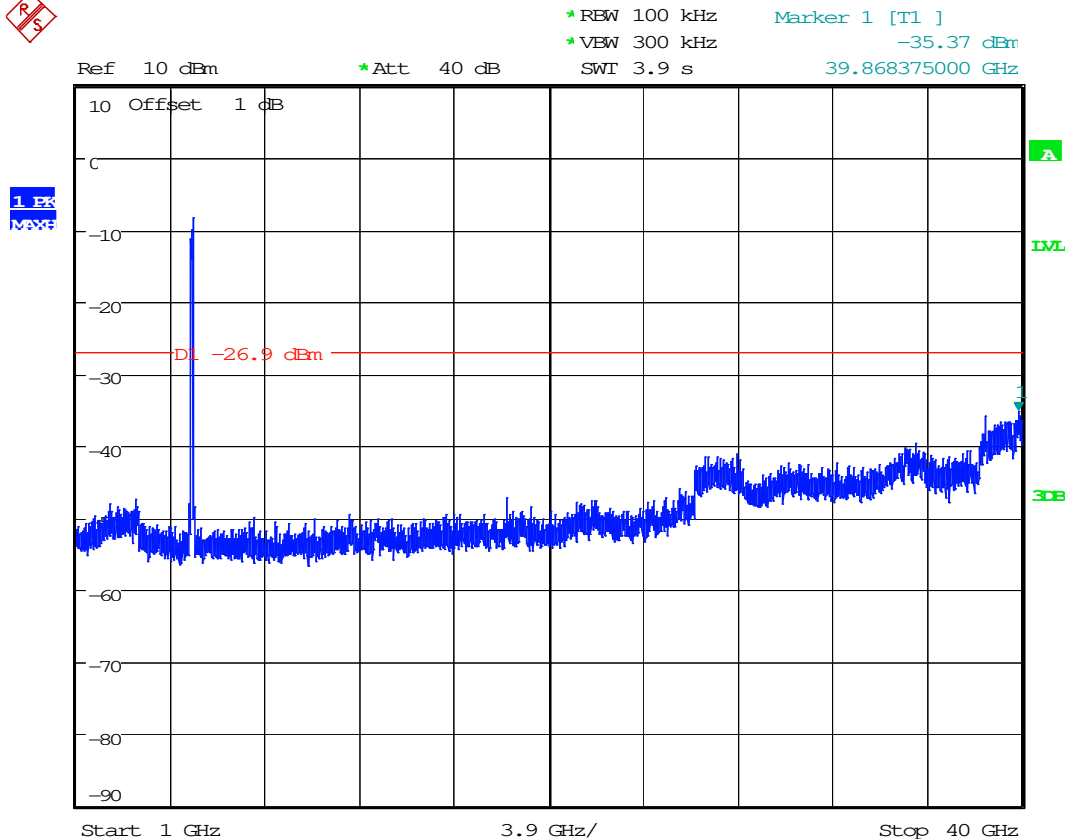
Date: 20.JUN.2014 07:41:28



1. EK
MAX

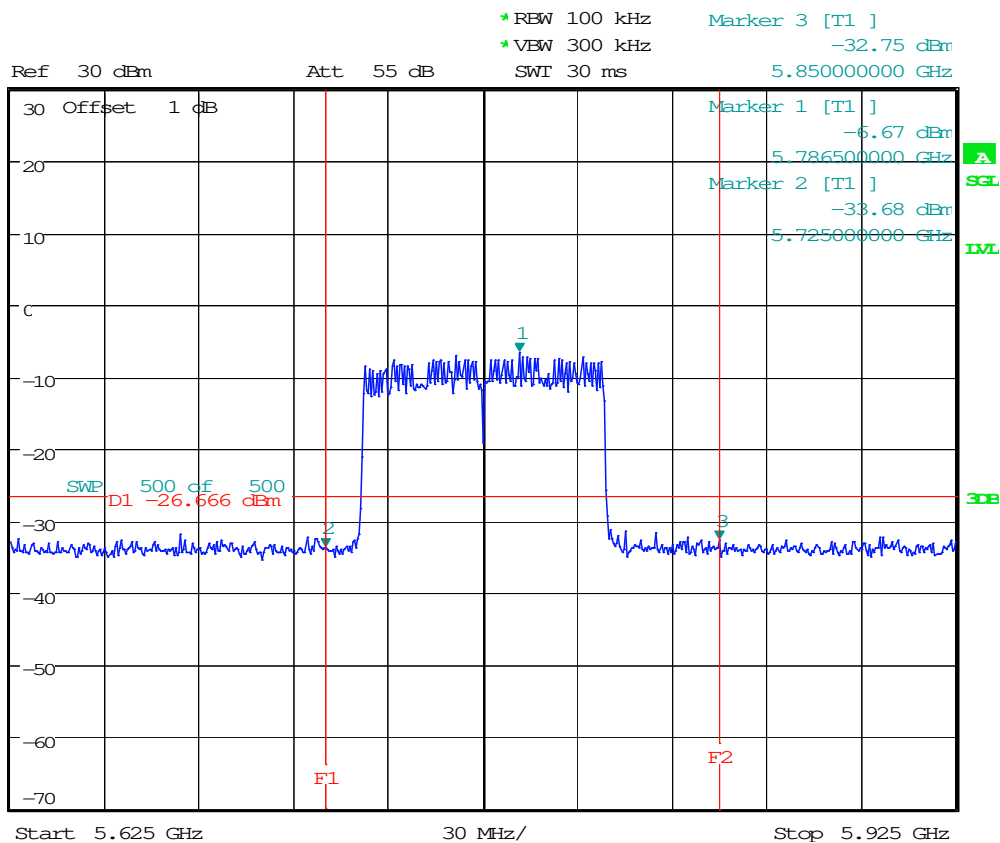


Date: 20.JUN.2014 07:41:44



Date: 20.JUN.2014 07:41:59

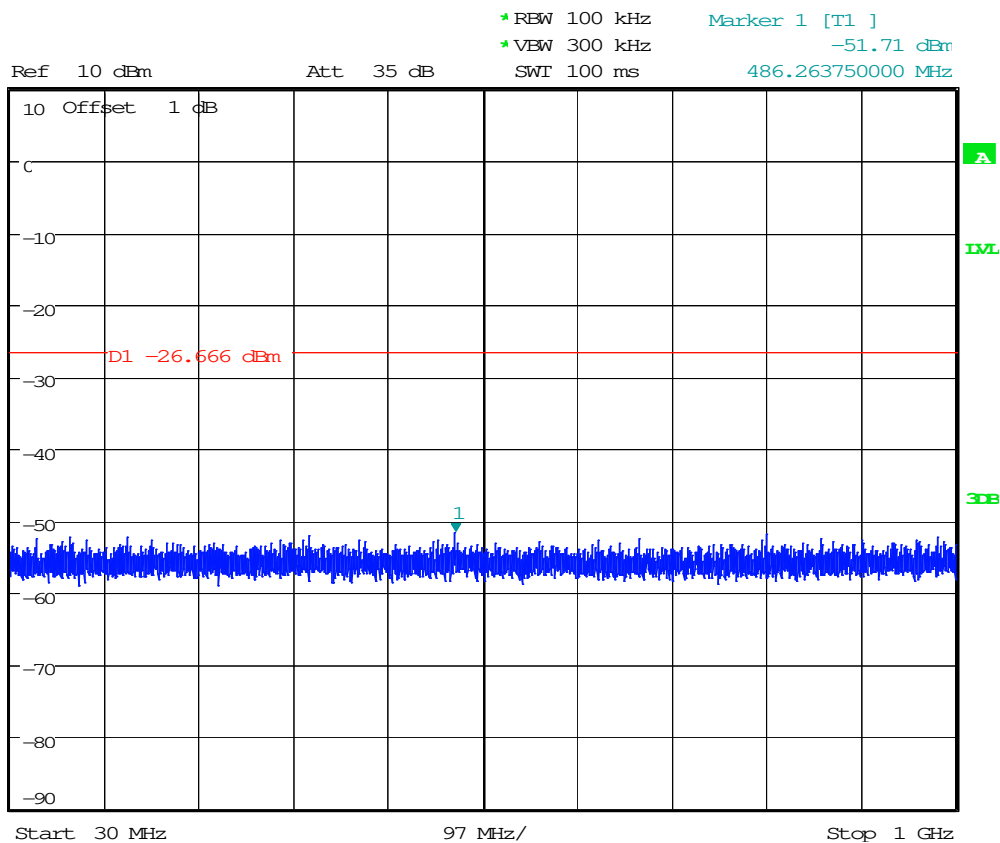
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1 EK
MAX


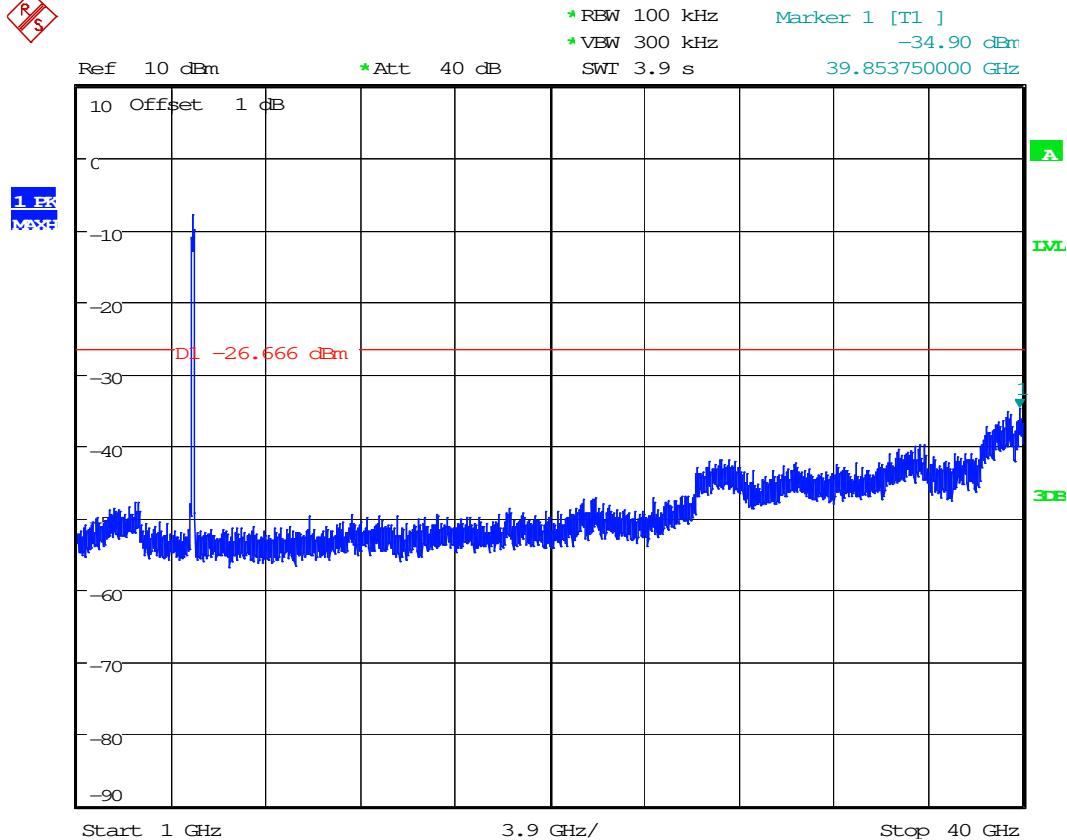
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1 EK
MAX

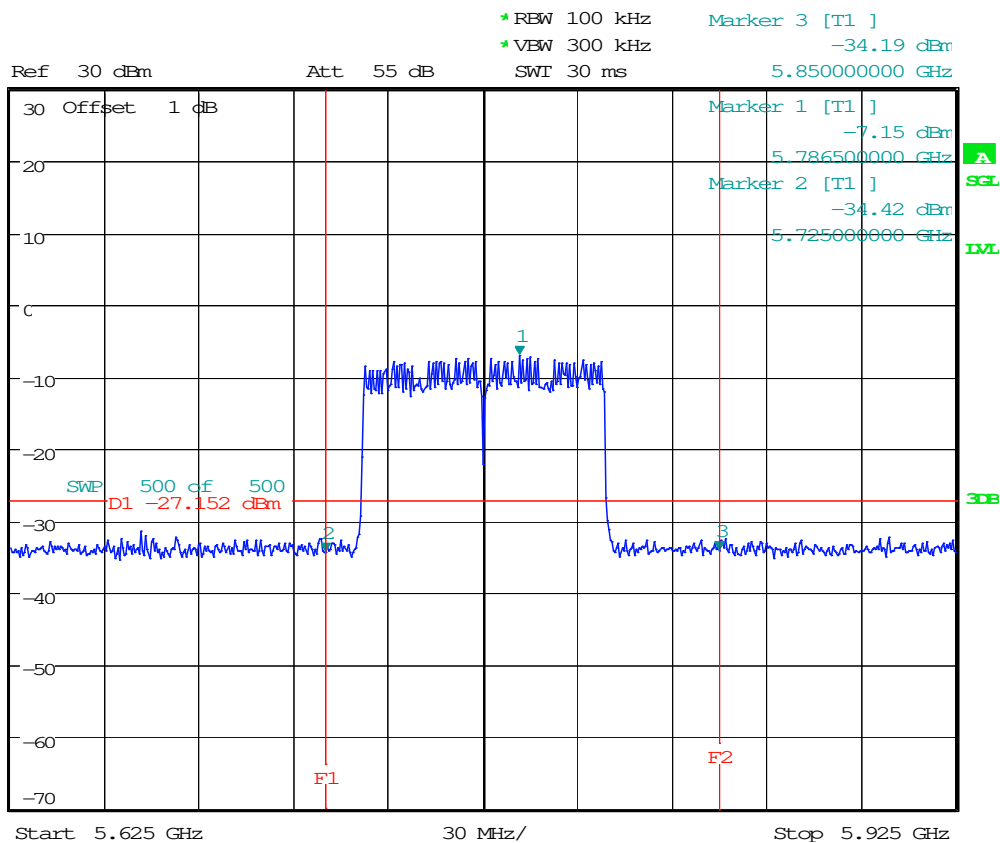


Date: 20.JUN.2014 08:05:15



Date: 20.JUN.2014 08:05:30

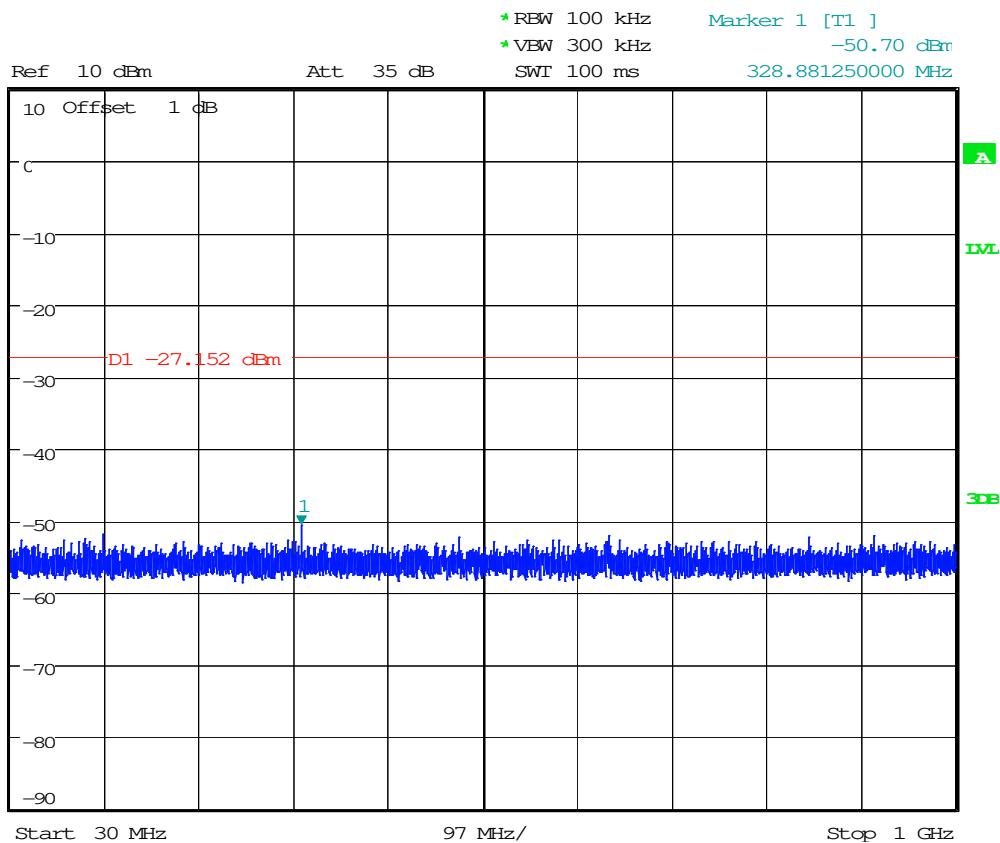
2.50 11AC80M_155 Ant 2


1 PK
Max


Date: 20.JUN.2014 08:07:24



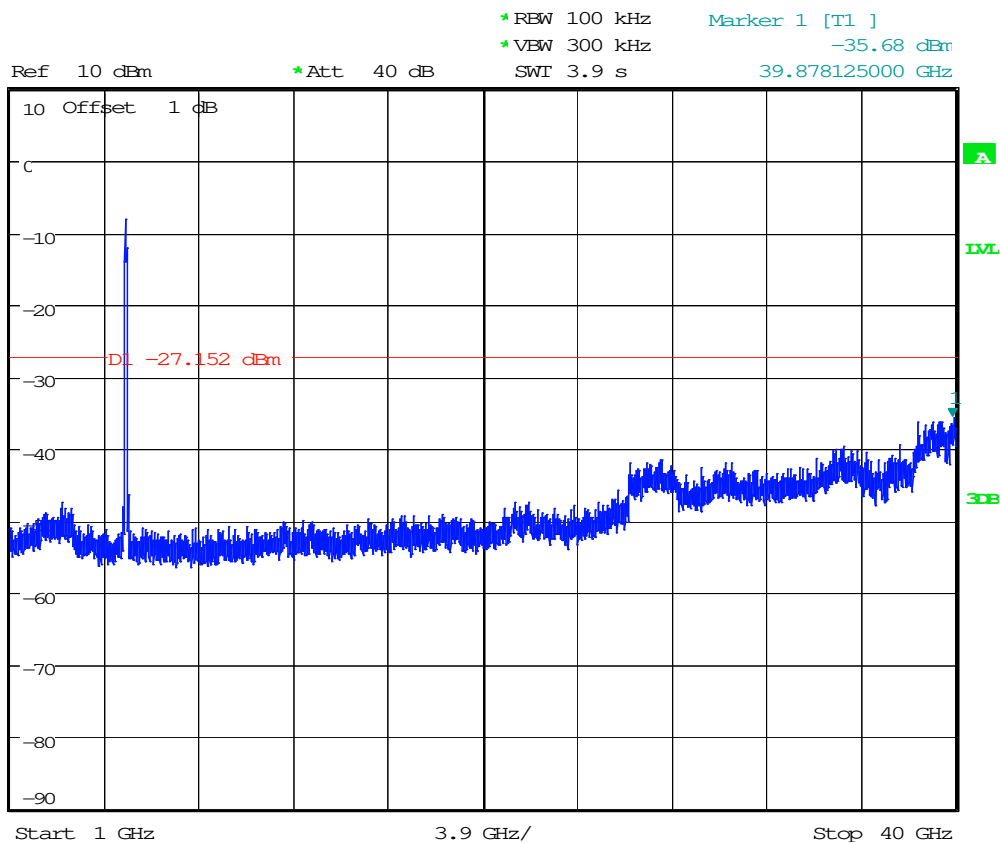
1. EK
100%



Date: 20.JUN.2014 08:07:39



1 EK
MAX

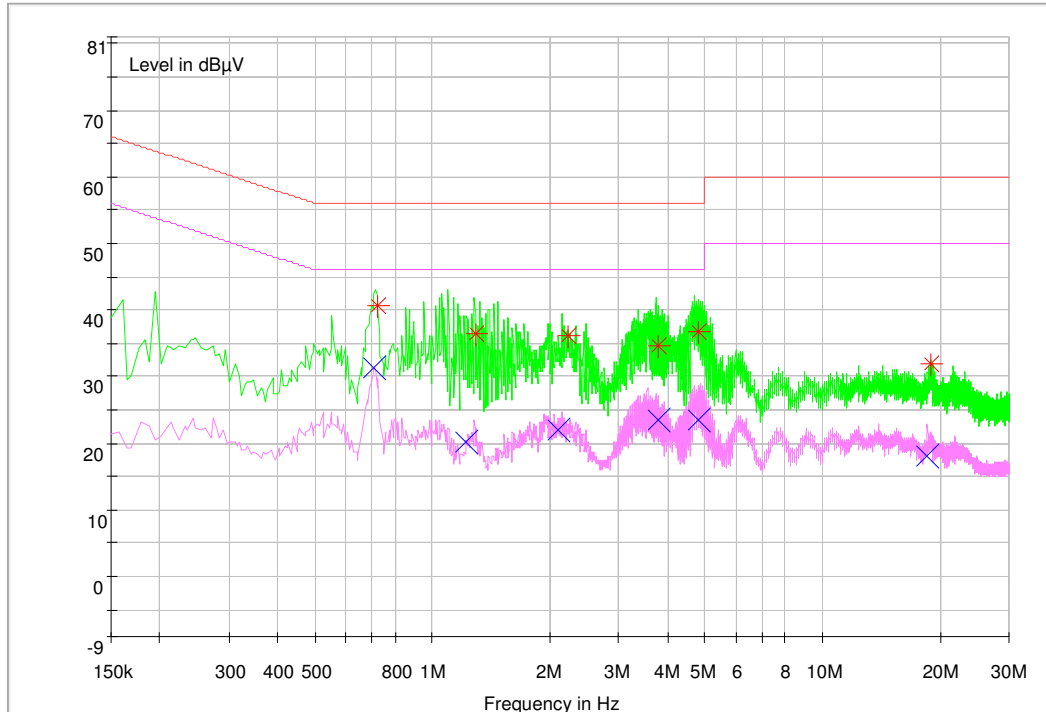


Date: 20.JUN.2014 08:07:55

Appendix E: 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 F: Unwanted Emissions into Restricted Frequency Bands

802.11a SISO test channels, 5745MHz(149), 5785MHz(157), 5825 MHz (165)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
149	11490	62.14	47.23
157	11570	61.78	46.72
165	11650	63.07	48.51

802.11n-HT20 SISO test channels, 5745MHz(149), 5785MHz(157),5825 MHz (165)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
149	11490	62.25	47.58
157	11570	62.46	47.87
165	11650	63.84	48.46

802.11n-HT20 MIMO test channels, 5745MHz(149),5785MHz(157),5825 MHz (165)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
149	11490	61.43	47.2
157	11570	61.64	43.57
165	11650	60.82	41.85

802.11 n-HT40 SISO test channels, 5755MHz(151), 5795MHz(159)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
151	11510	54.54	39.43
159	11590	58.68	42.05

802.11 n-HT40 MIMO test channels, 5190MHz(38), 5230MHz(46), 5755MHz(151), 5795MHz(159)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
151	11510	53.54	38.02
159	11590	59.74	42.86

802.11ac SISO test channels, 5775MHz(155)

TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
155	11550	53.91	38.09

802.11ac MIMO test channels, 5775MHz(155)



TX channel No.	2 nd -order freq. (MHz)	Peak(dBμV)	AV(dBμV)
155	11550	54.41	37.93

END