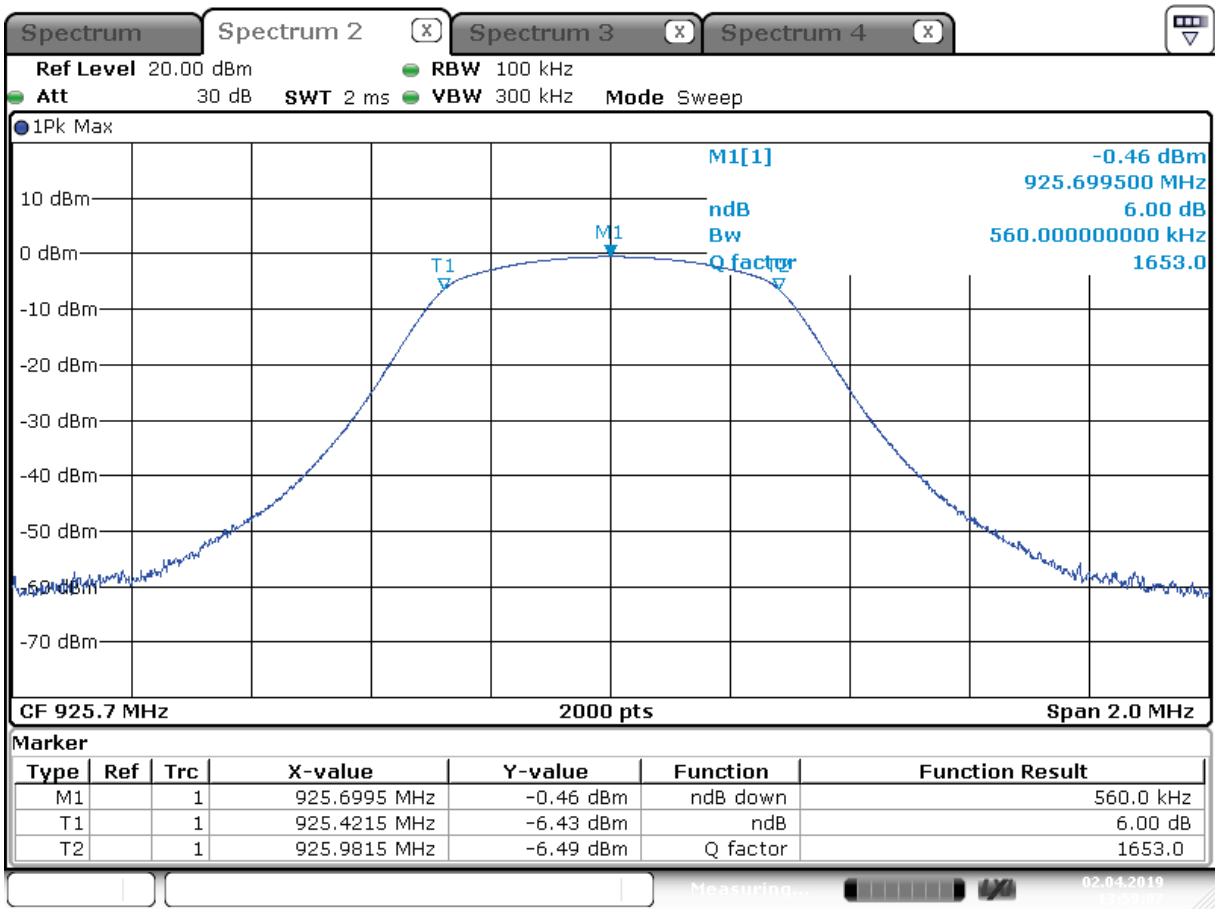
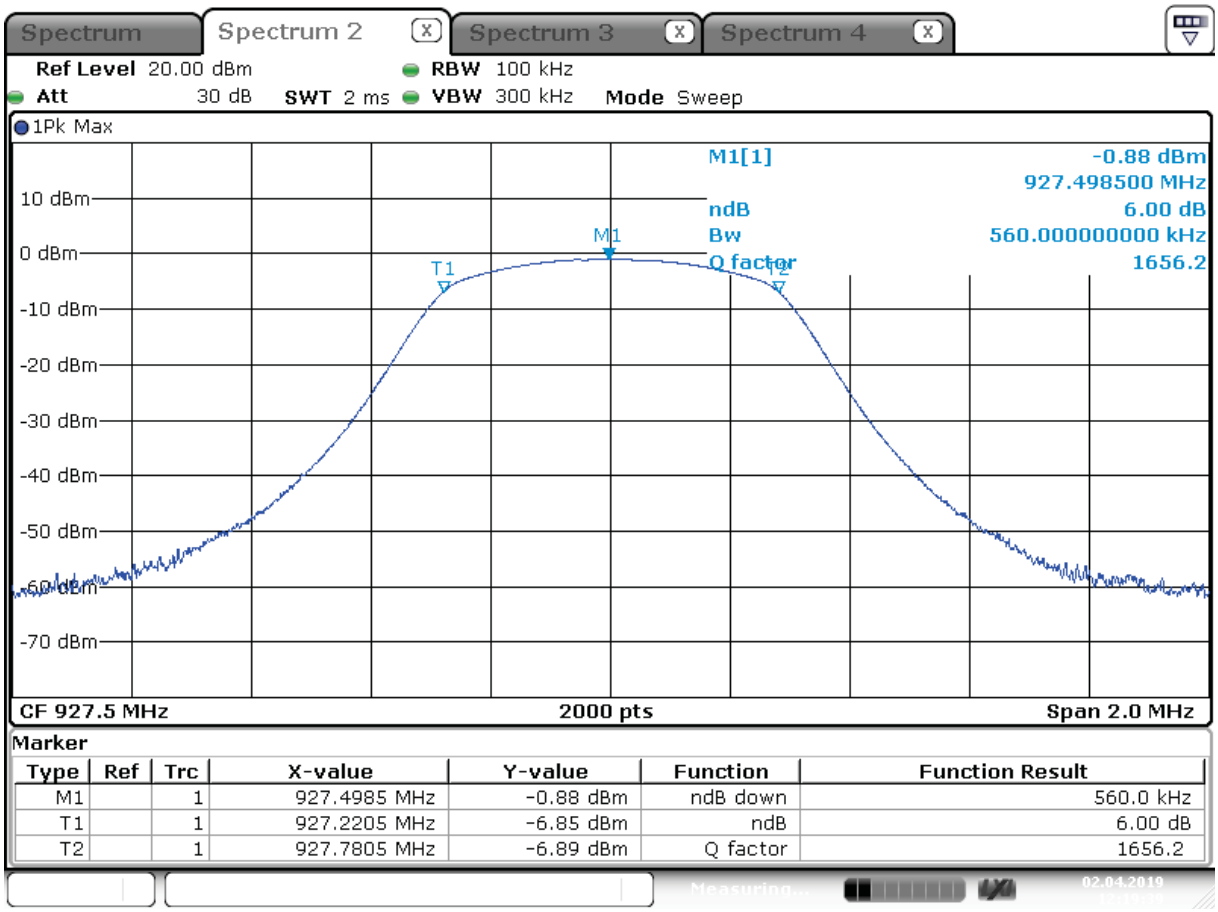
Frequency 925.7 MHz



Date: 2.APR.2019 13:59:08

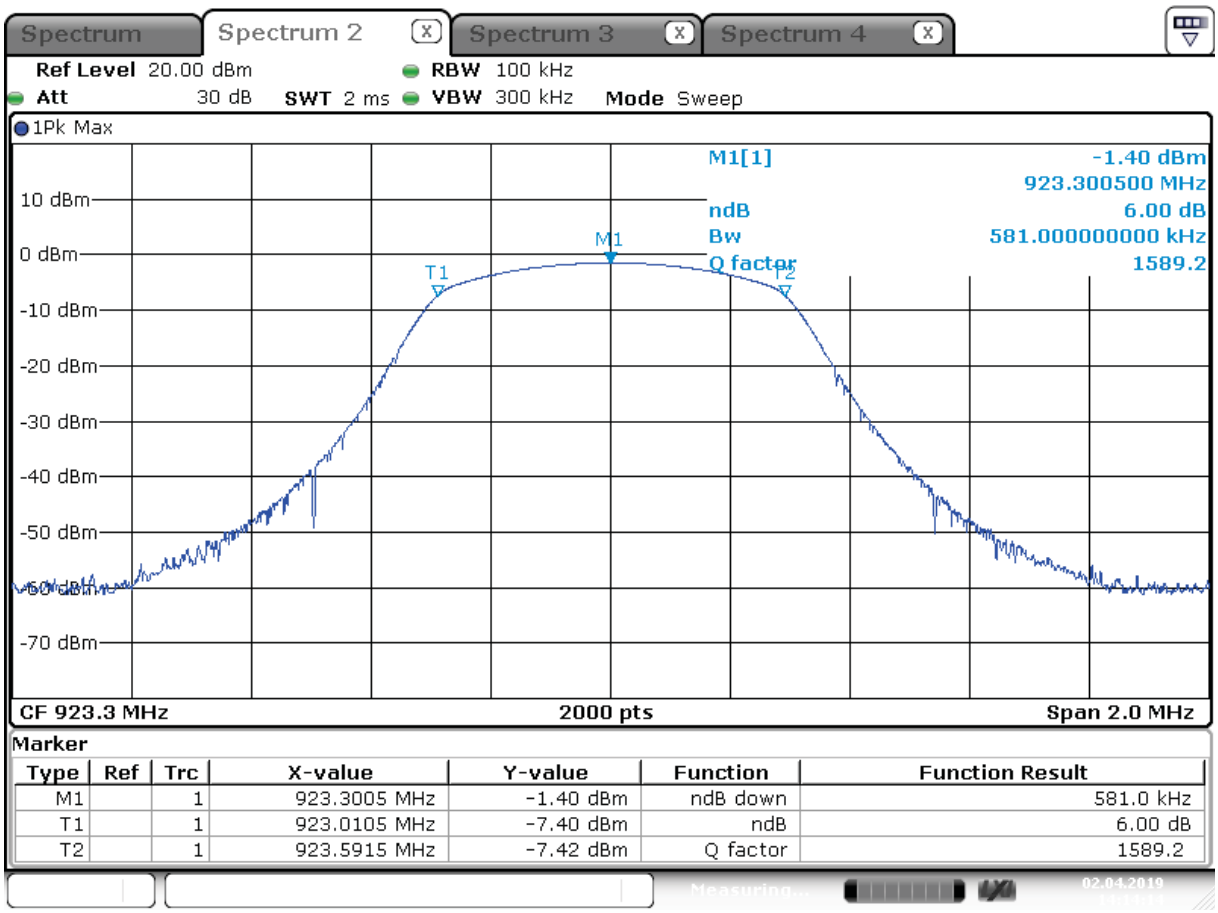
Frequency 927.5 MHz



Date: 2.APR.2019 12:19:40

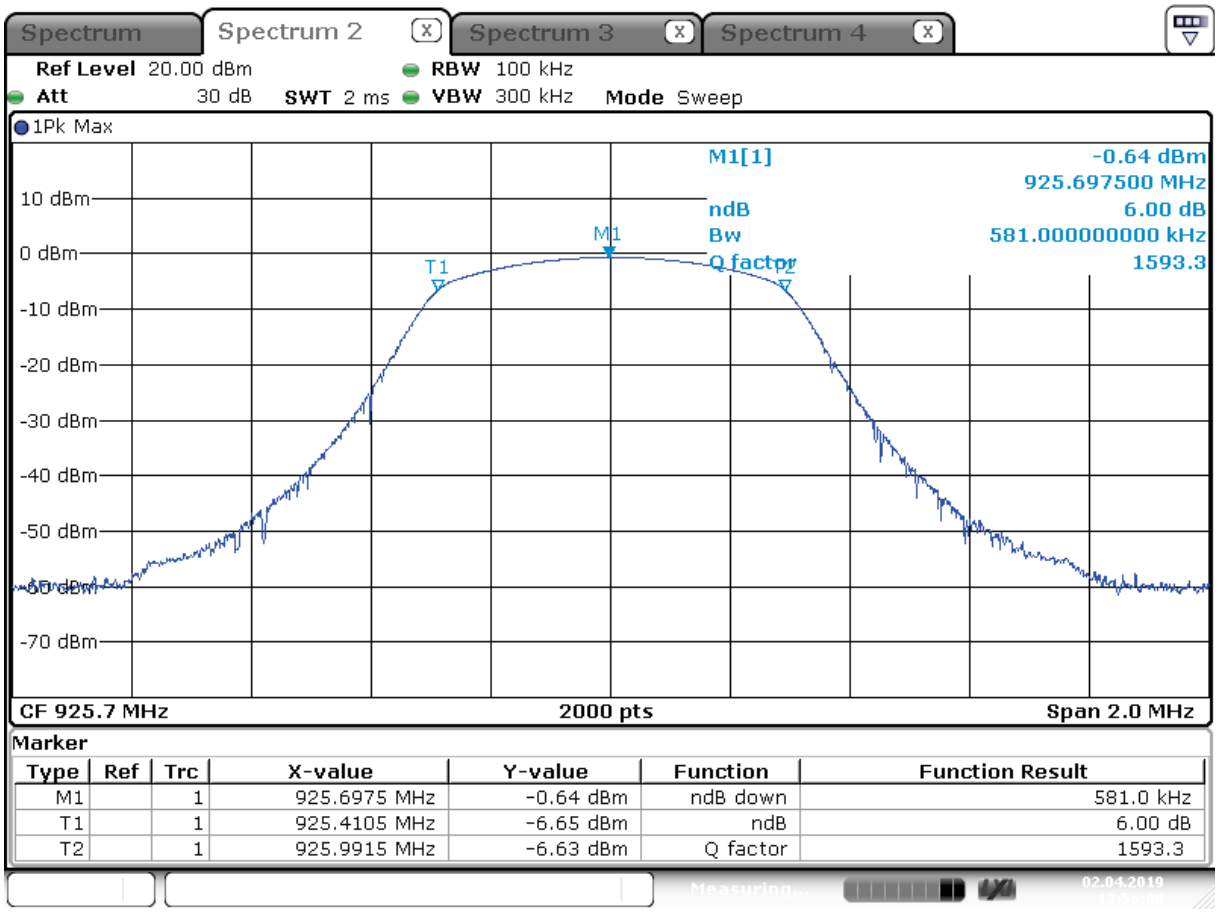
SPREAD FACTOR 12

Frequency 923.3 MHz



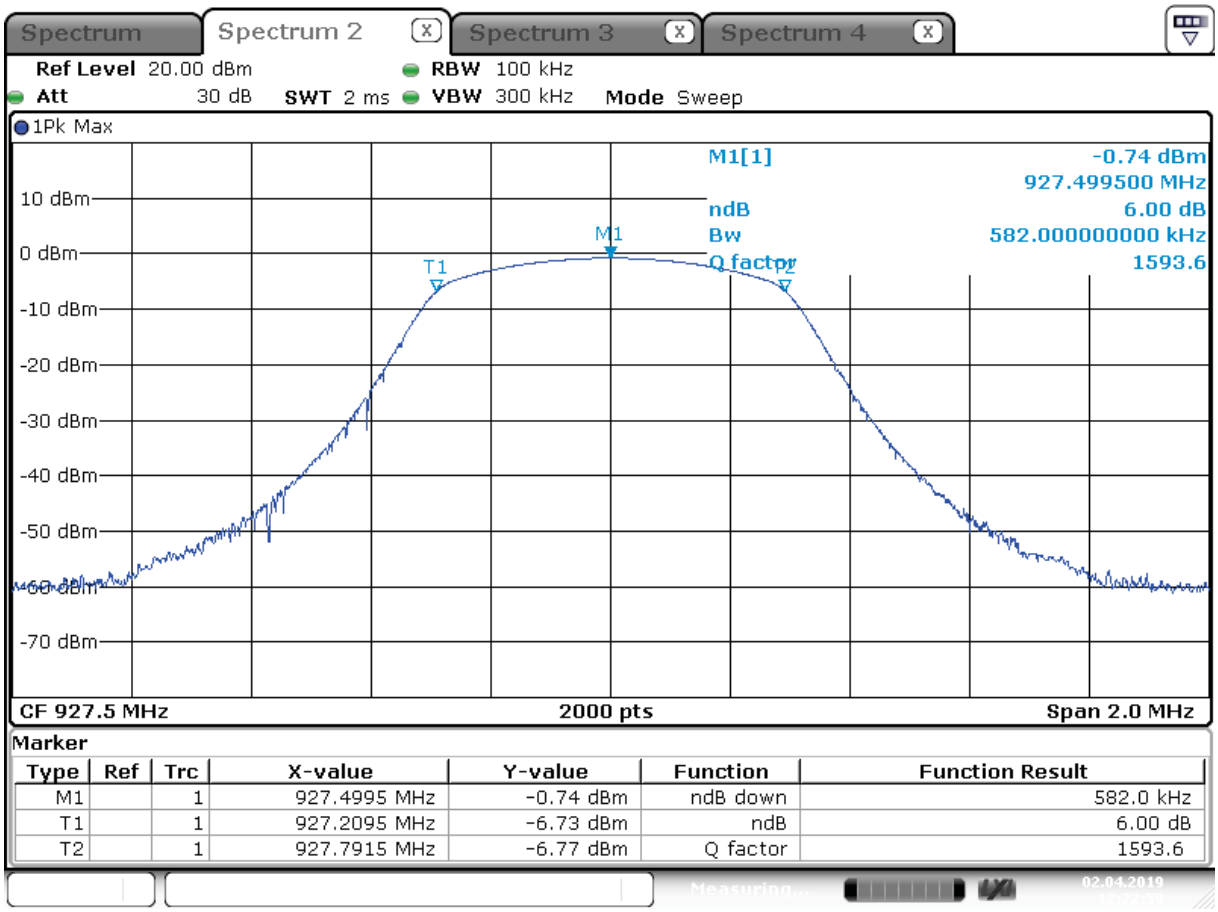
Date: 2.APR.2019 14:14:14

Frequency 925.7 MHz



Date: 2.APR.2019 13:56:01

Frequency 927.5 MHz

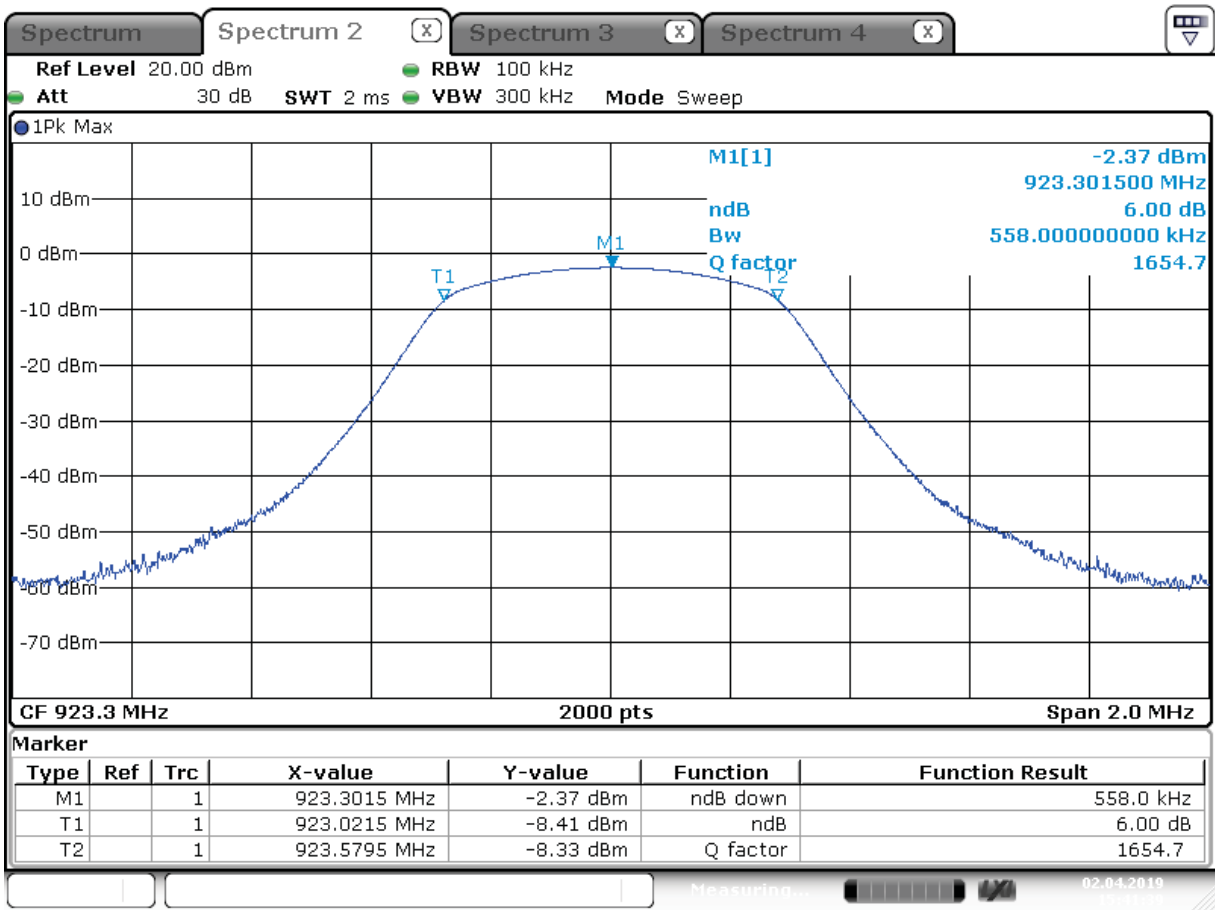


Date: 2.APR.2019 12:22:59

RF OUTPUT 2

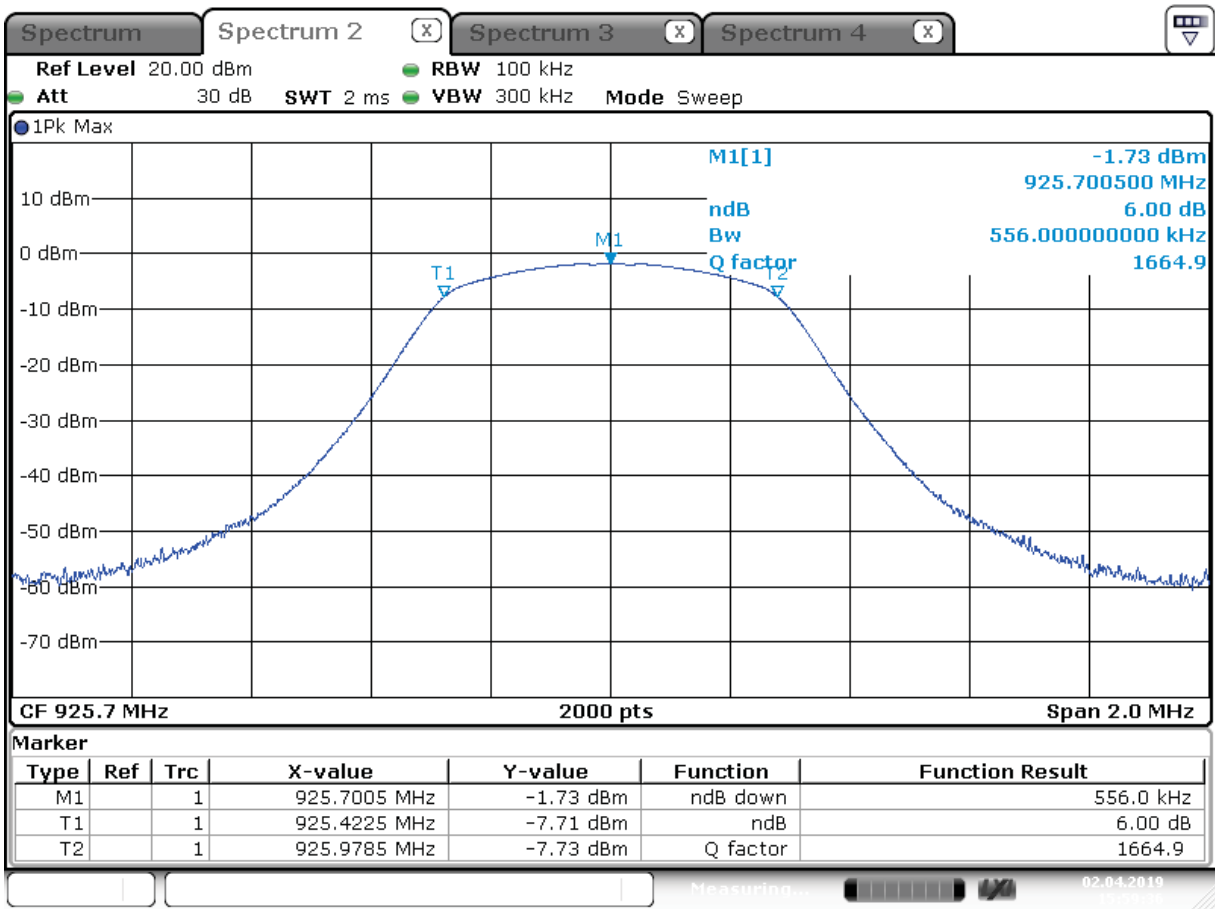
SPREAD FACTOR 7

Frequency 923.3 MHz



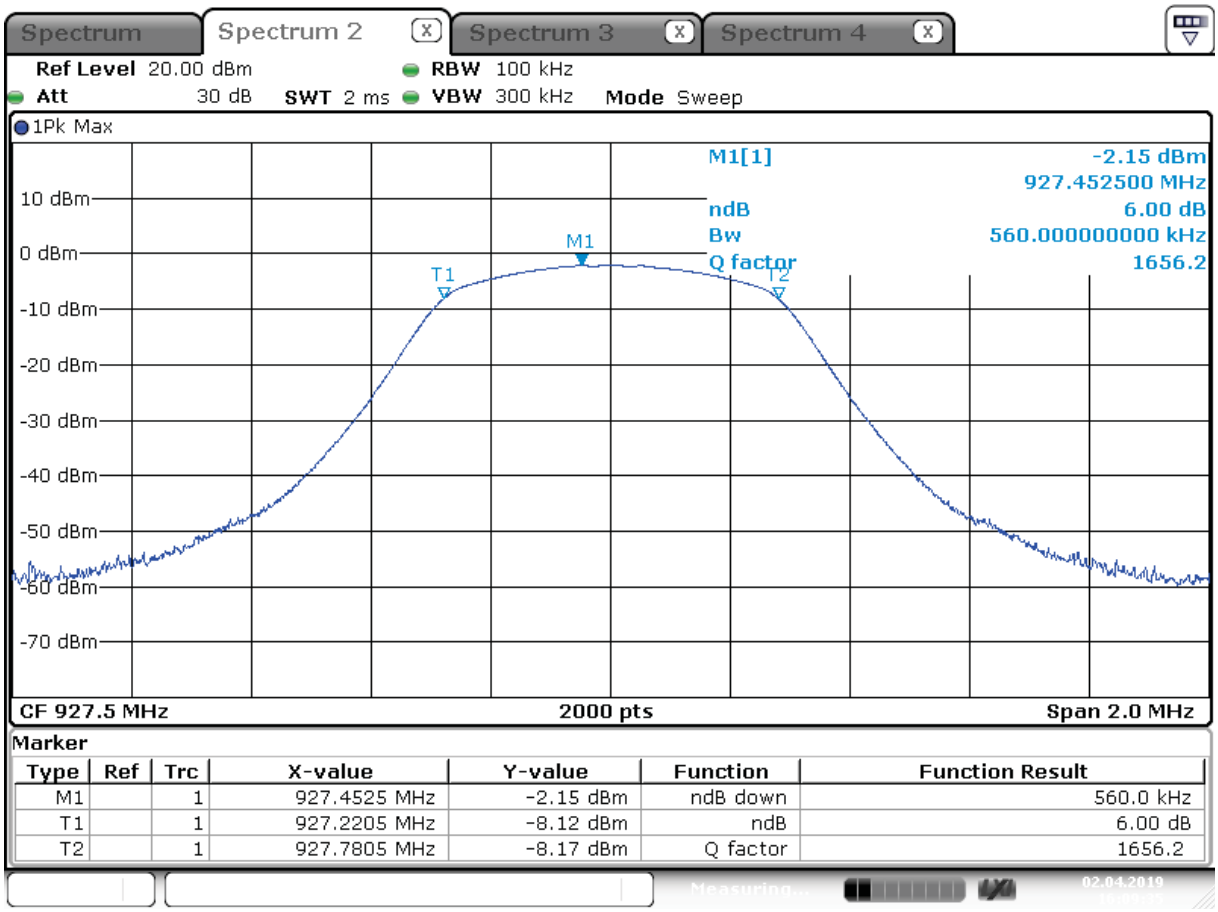
Date: 2.APR.2019 15:41:39

Frequency 925.7 MHz



Date: 2.APR.2019 15:59:36

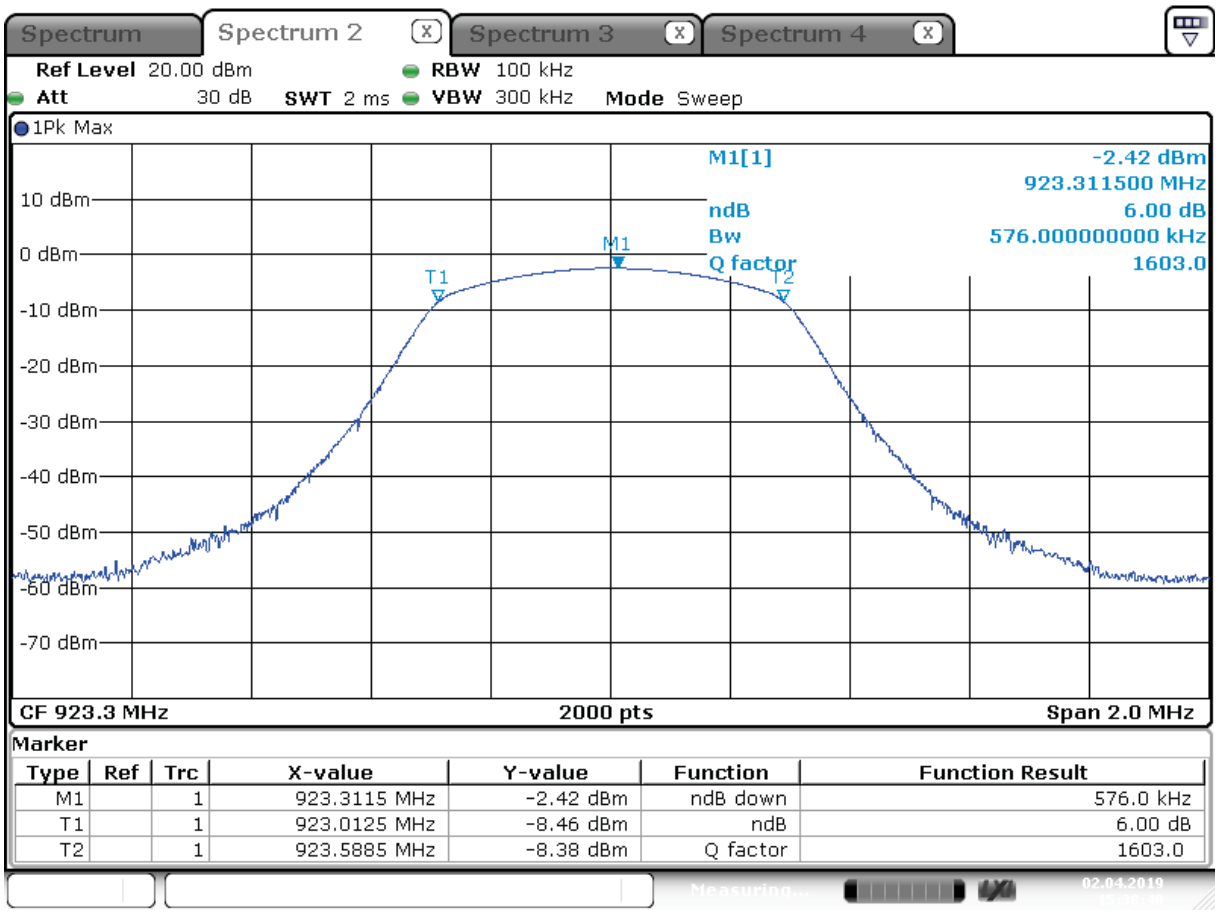
Frequency 927.5 MHz



Date: 2.APR.2019 16:09:35

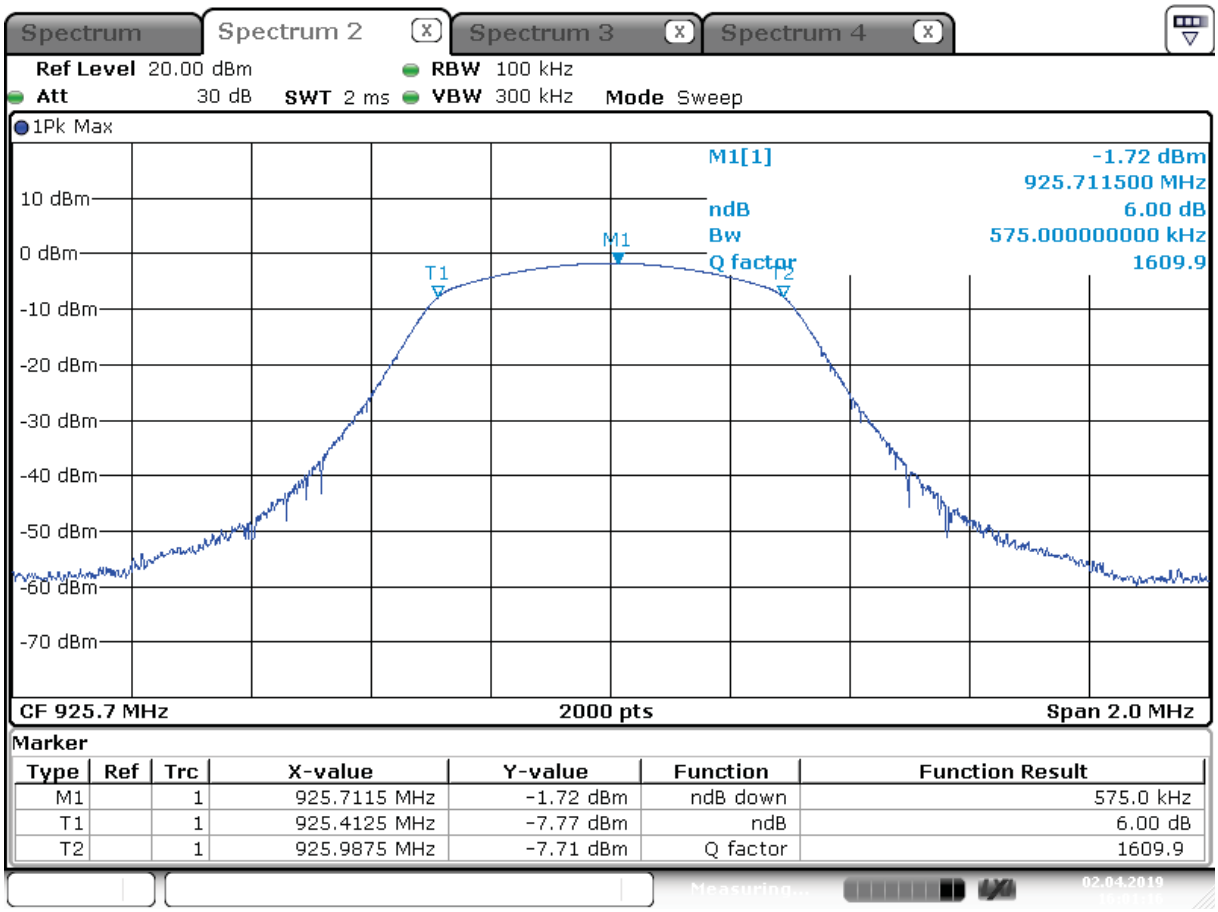
SPREAD FACTOR 12

Frequency 923.3 MHz



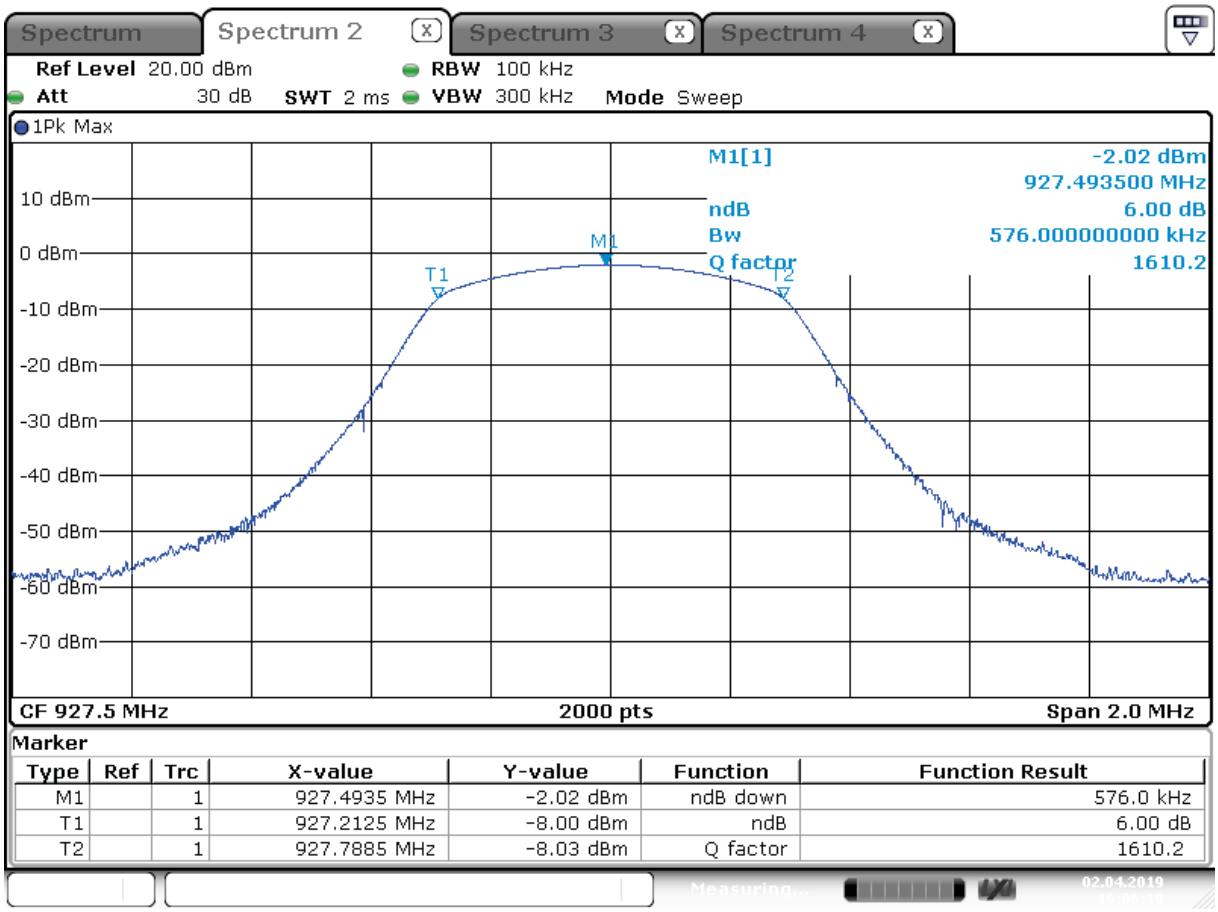
Date: 2.APR.2019 15:38:40

Frequency 925.7 MHz



Date: 2.APR.2019 16:01:16

Frequency 927.5 MHz



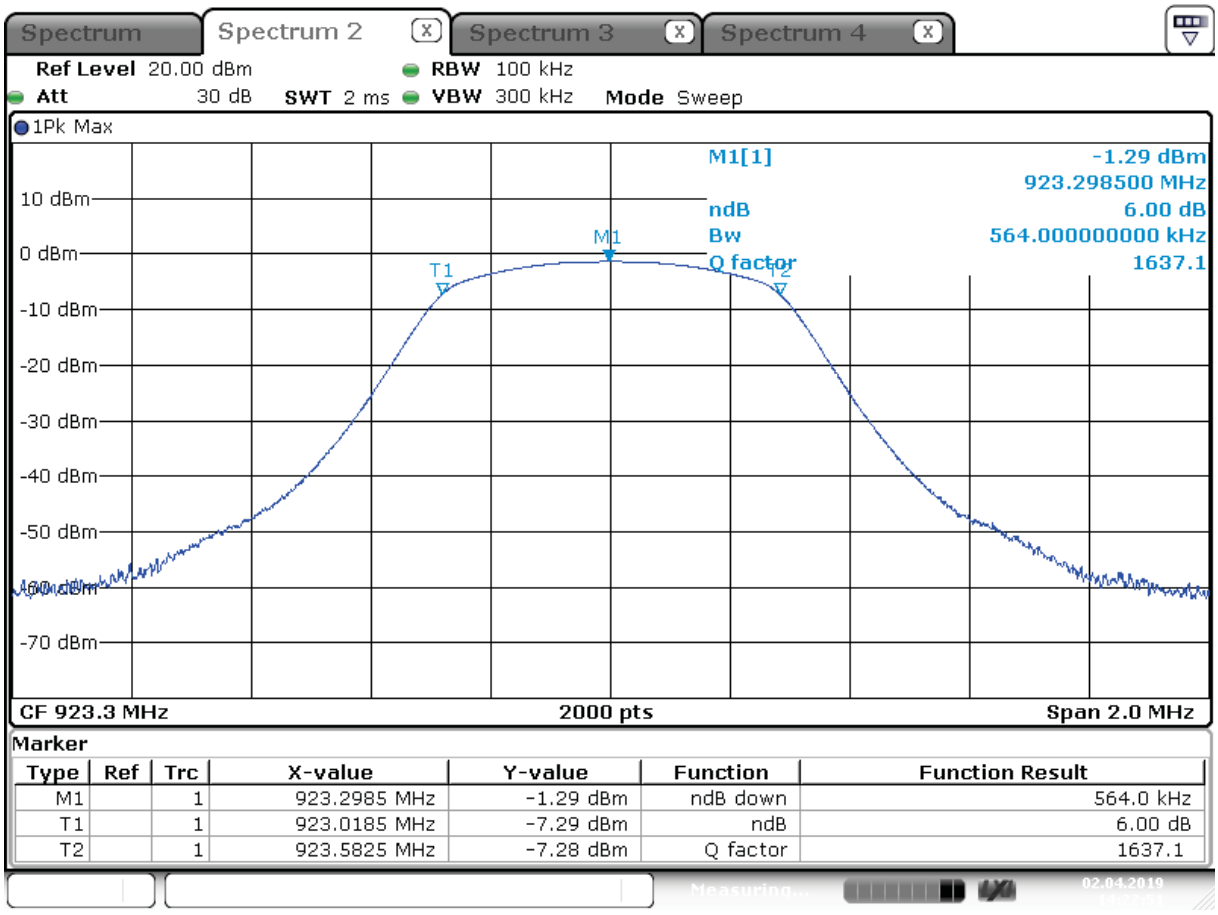
Date: 2.APR.2019 16:06:19

Module 4

RF OUTPUT 1

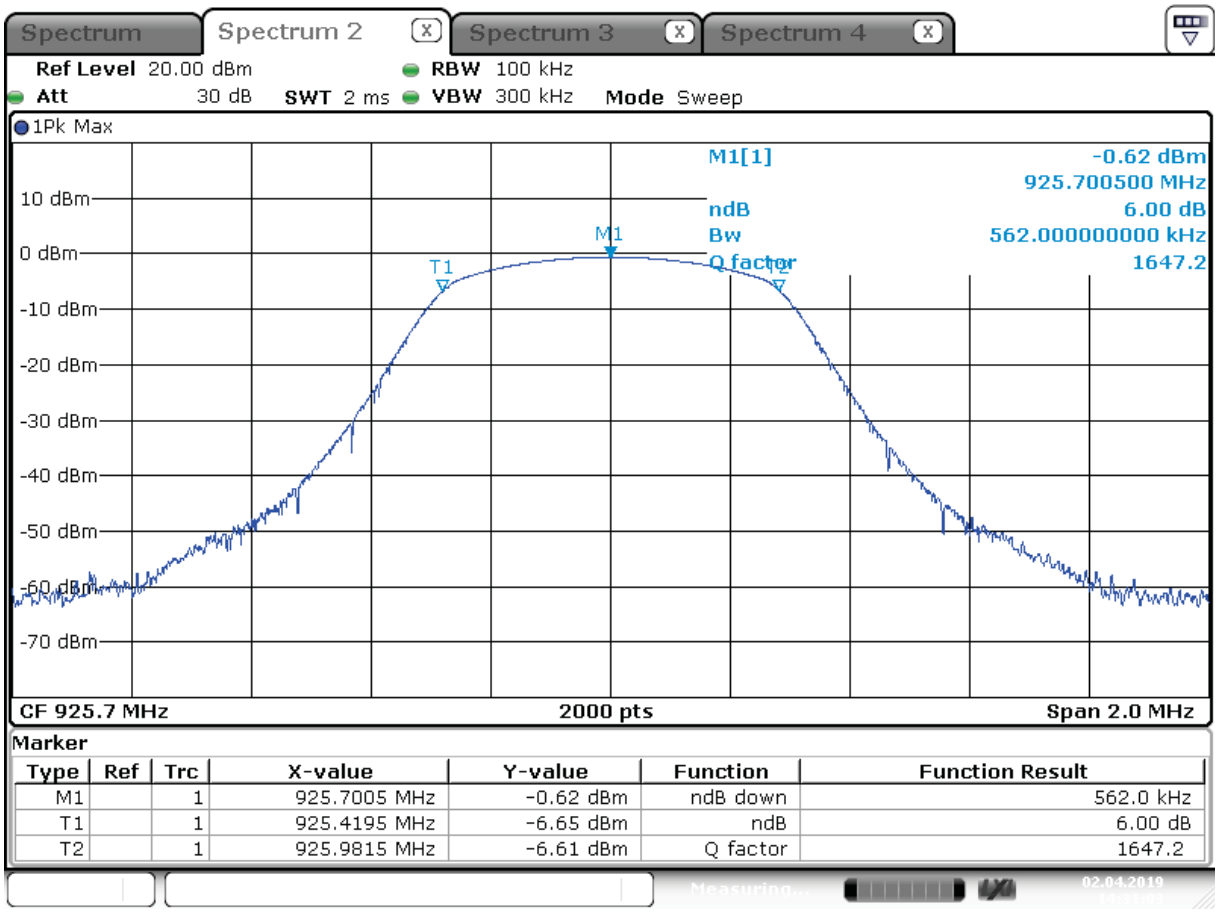
SPREAD FACTOR 7

Frequency 923.3 MHz



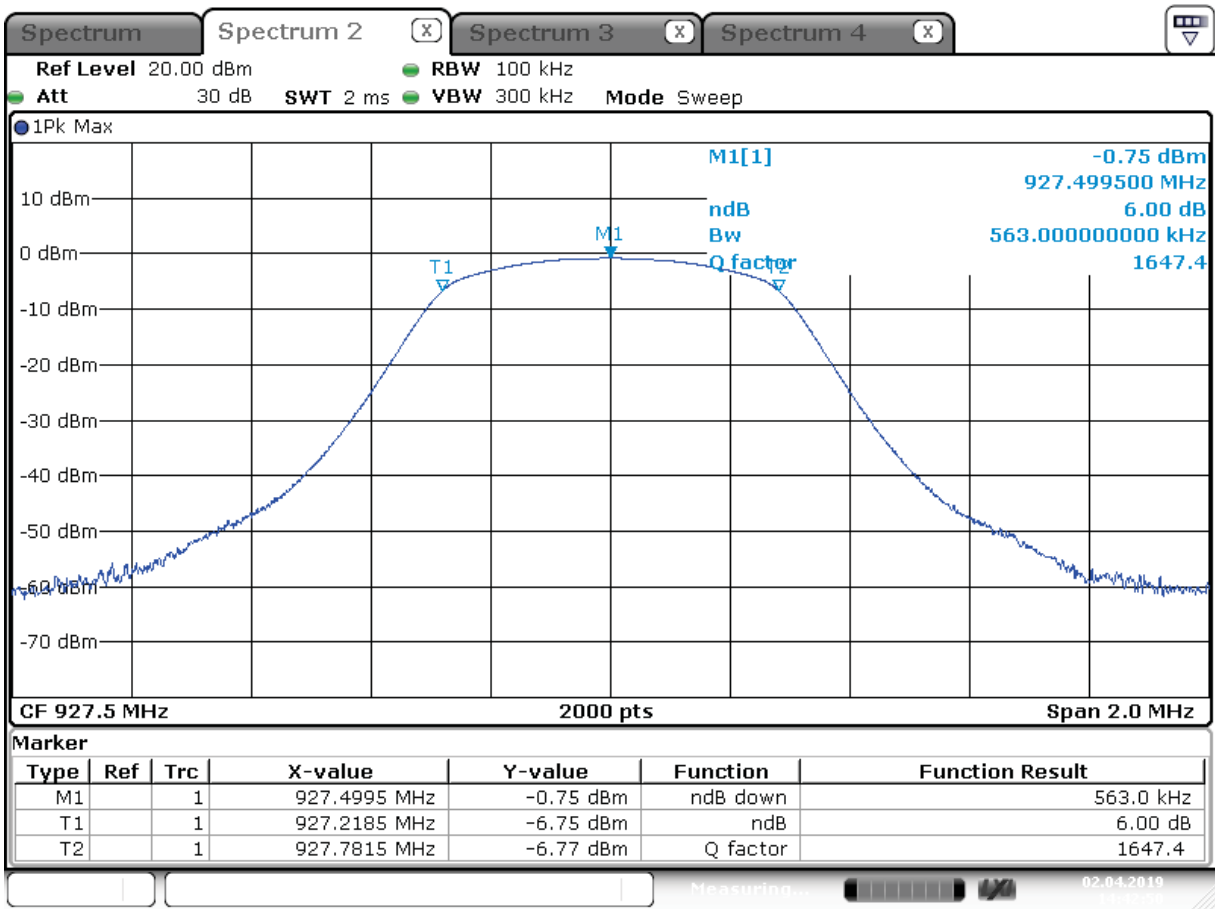
Date: 2.APR.2019 14:22:52

Frequency 925.7 MHz



Date: 2.APR.2019 14:31:03

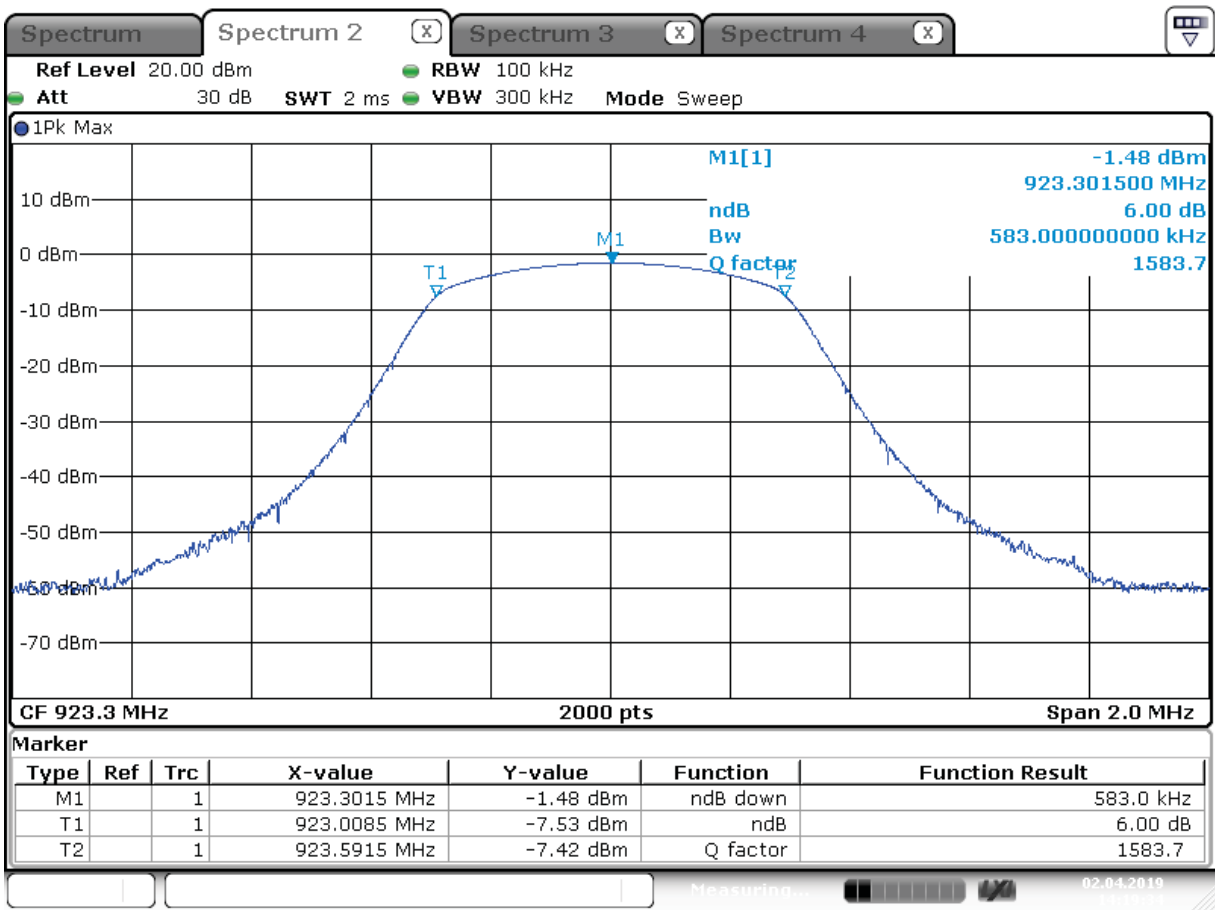
Frequency 927.5 MHz



Date: 2.APR.2019 14:42:50

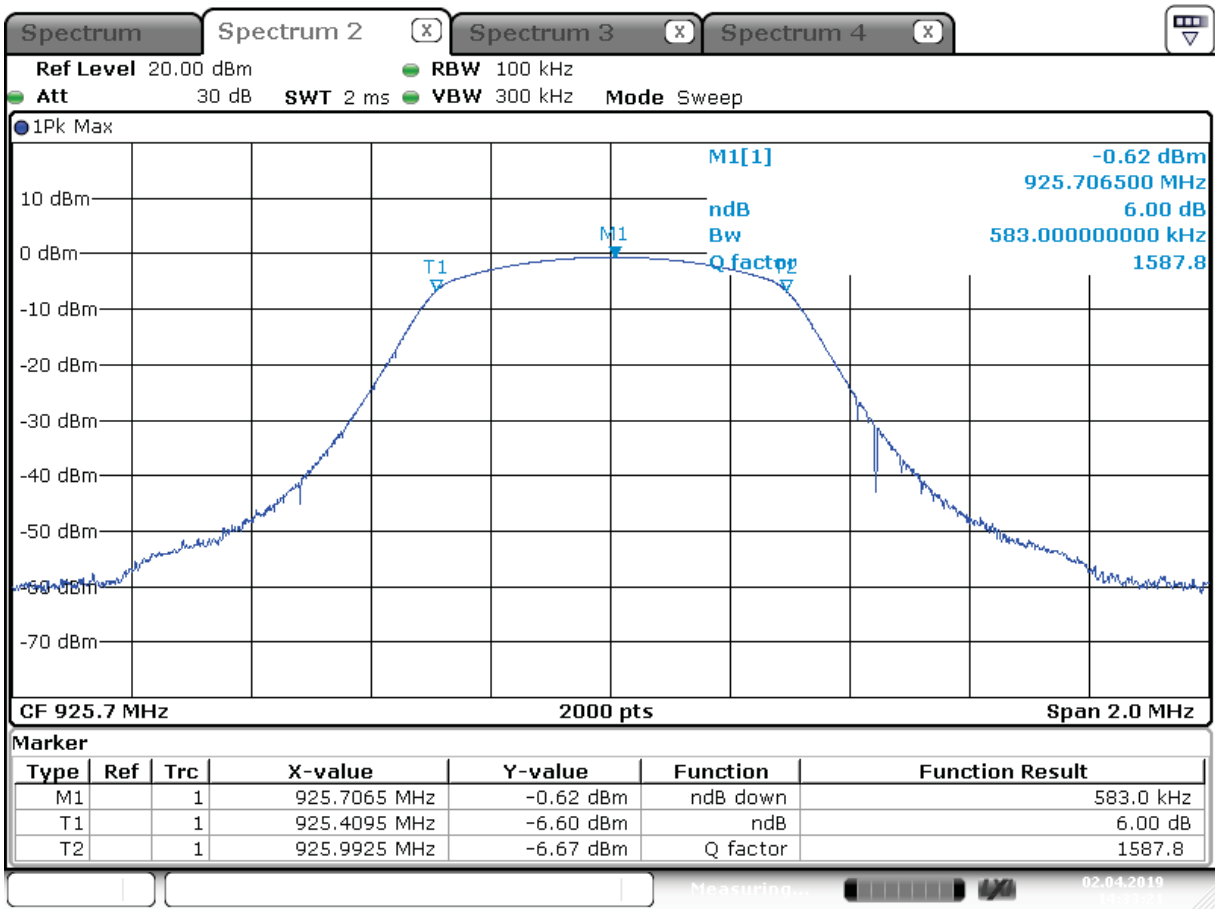
SPREAD FACTOR 12

Frequency 923.3 MHz



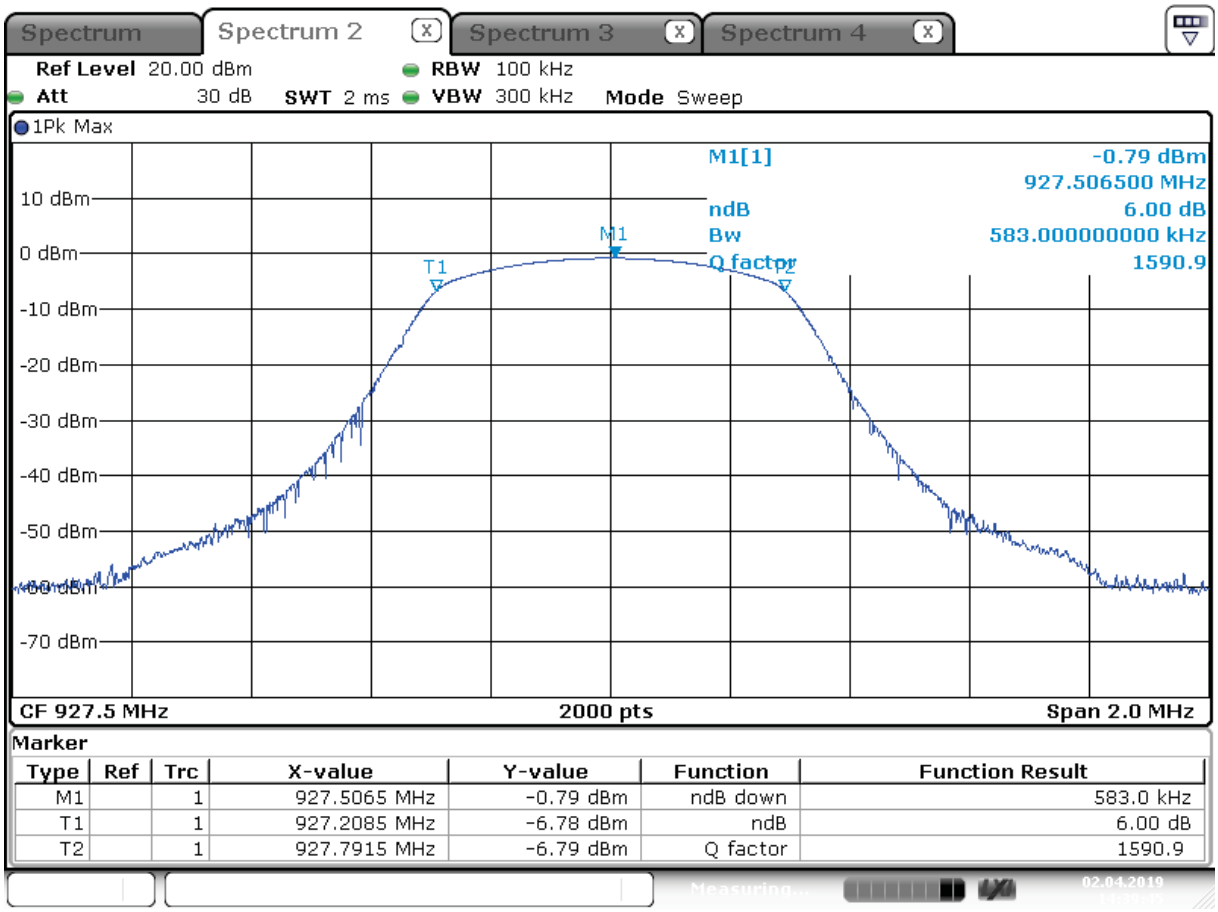
Date: 2.APR.2019 14:19:34

Frequency 925.7 MHz



Date: 2.APR.2019 14:33:21

Frequency 927.5 MHz

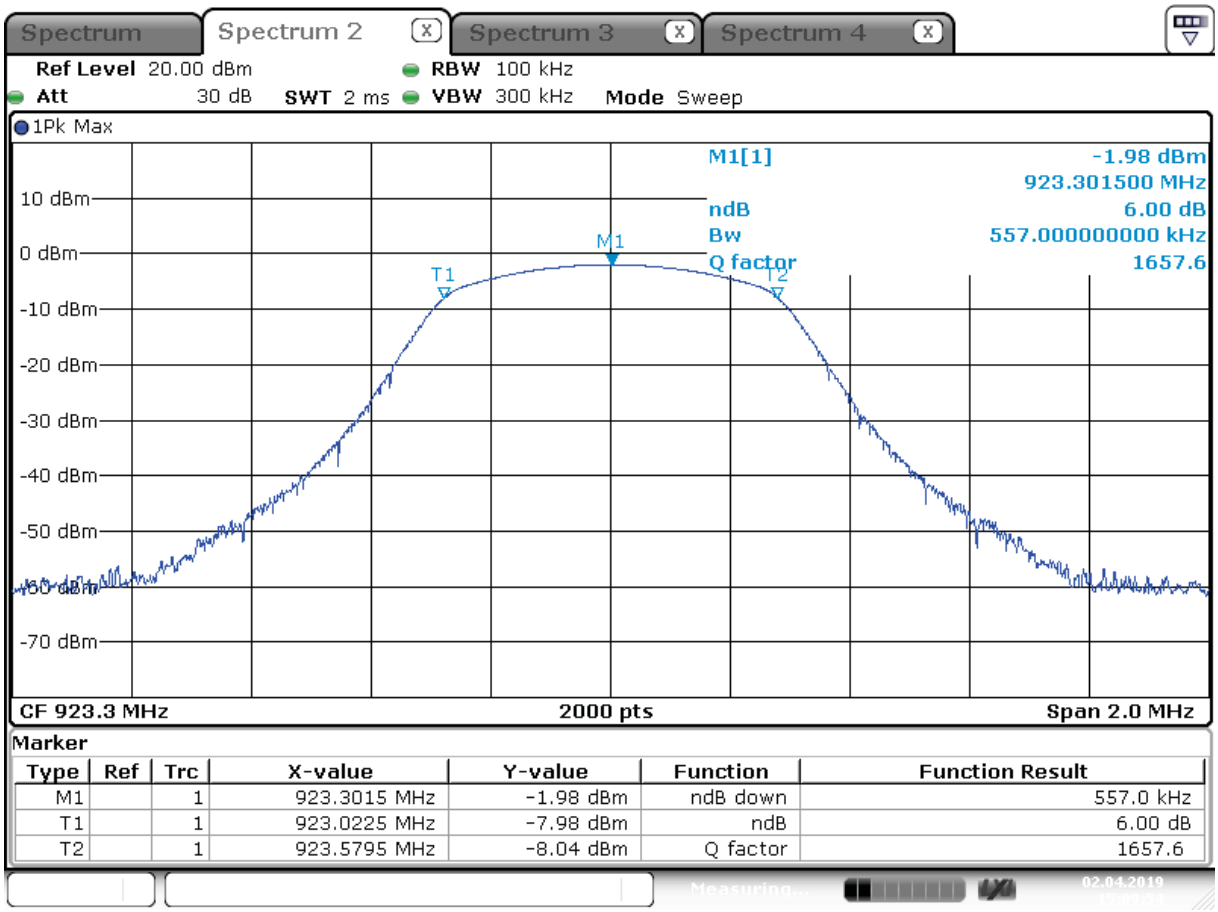


Date: 2.APR.2019 14:39:45

RF OUTPUT 2

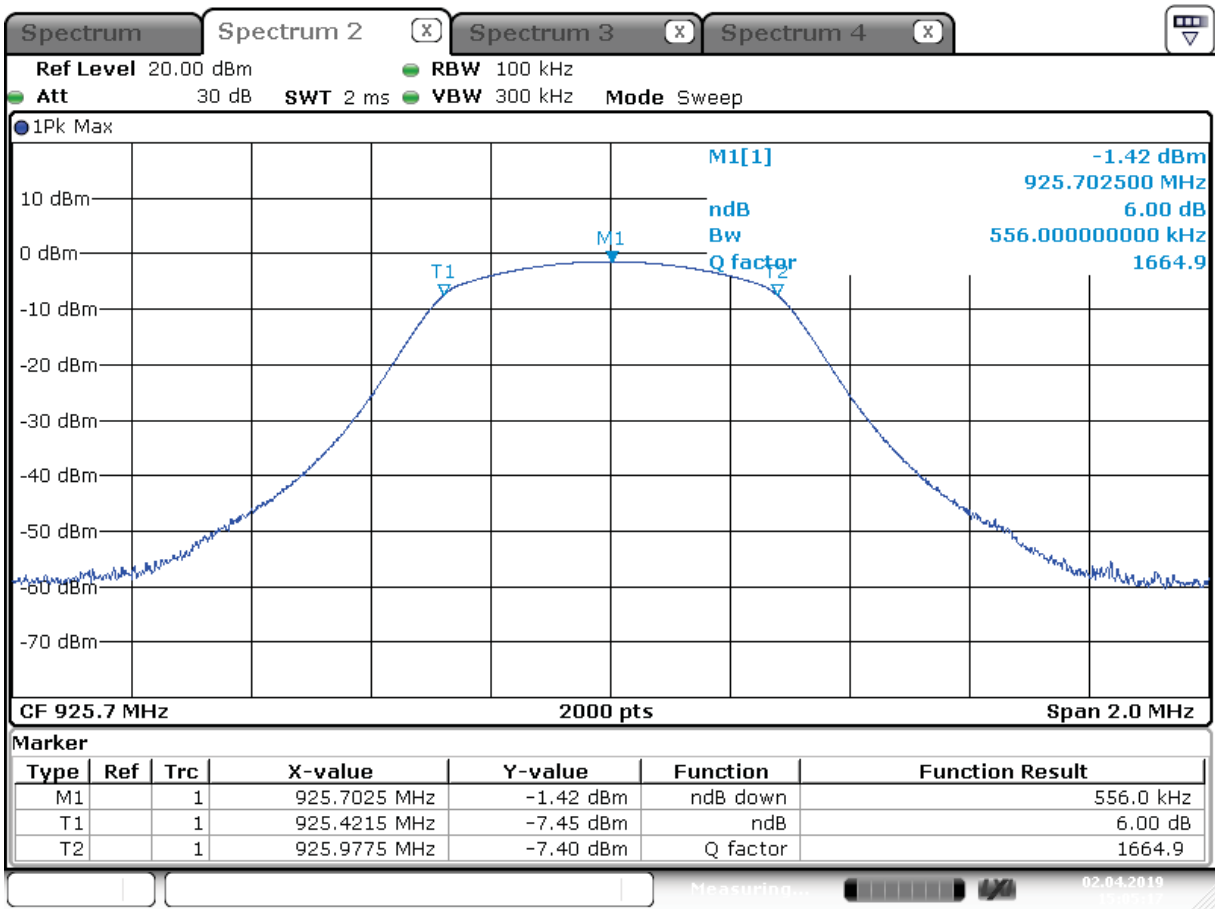
SPREAD FACTOR 7

Frequency 923.3 MHz



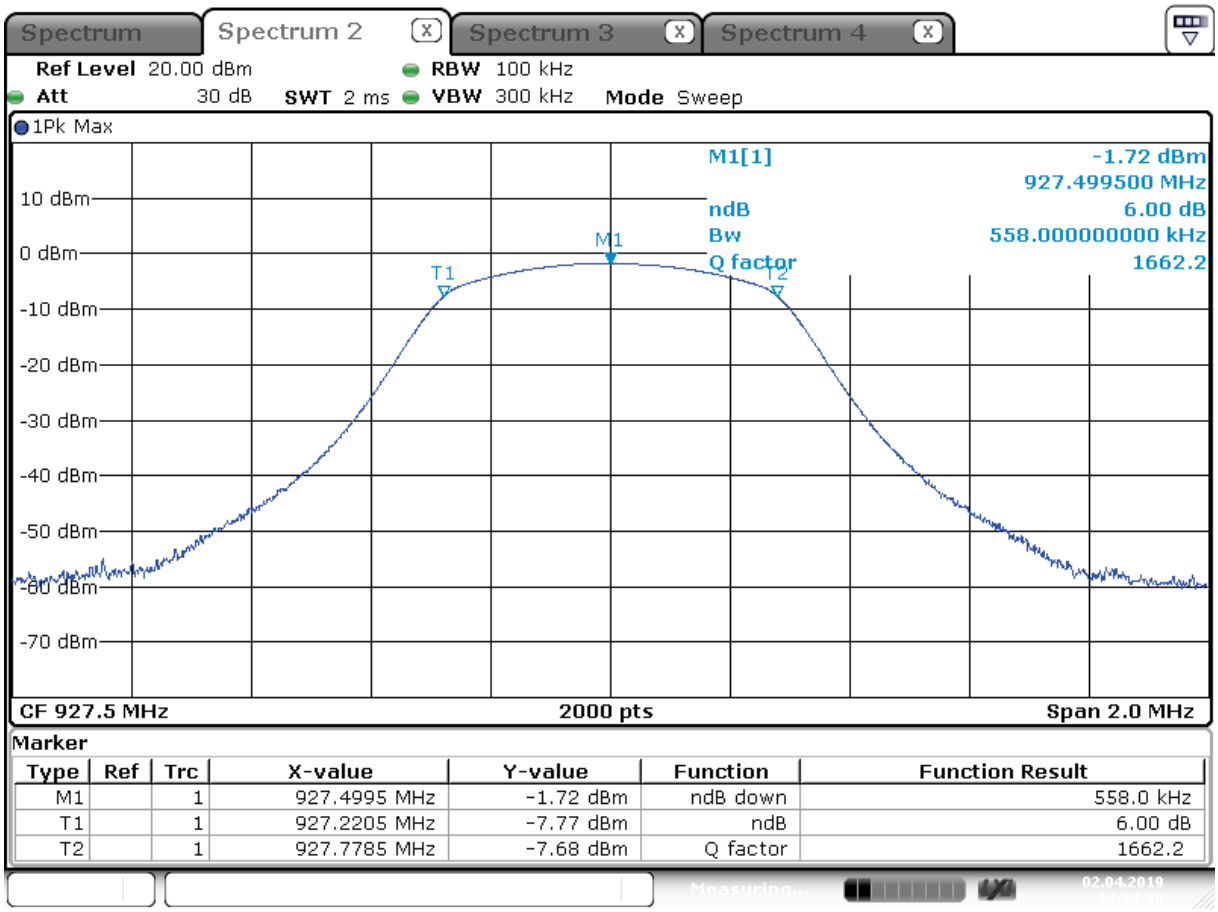
Date: 2.APR.2019 15:09:54

Frequency 925.7 MHz



Date: 2.APR.2019 15:05:17

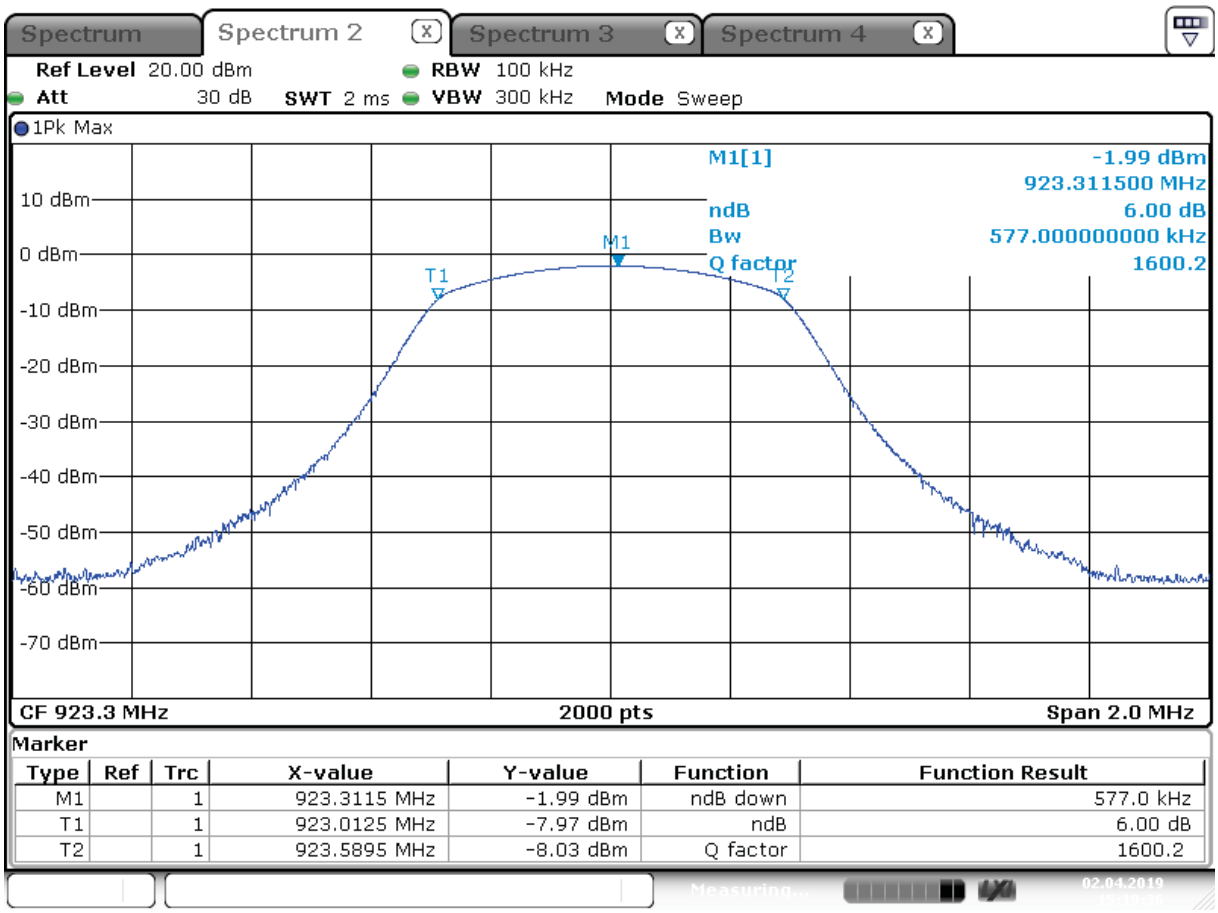
Frequency 927.5 MHz



Date: 2.APR.2019 14:54:31

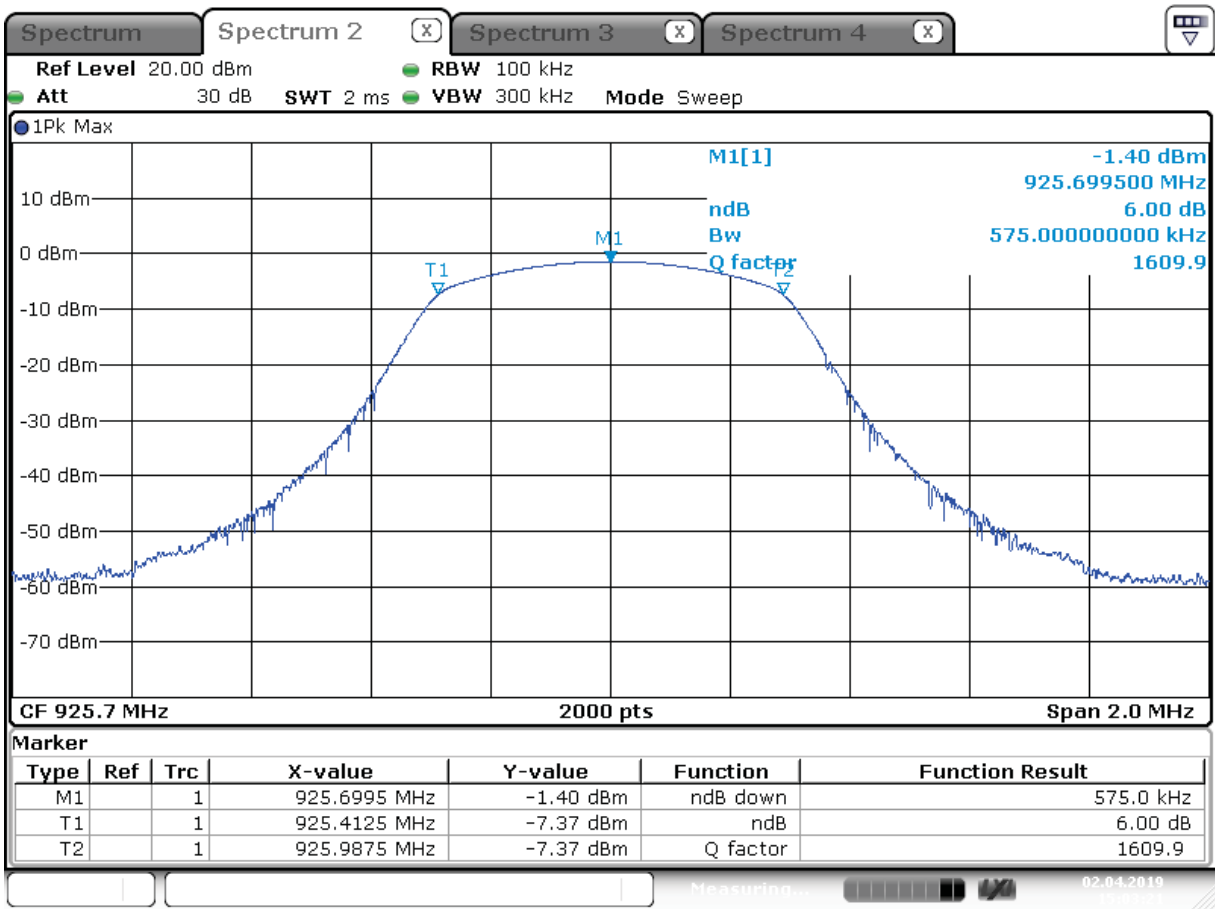
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 15:19:36

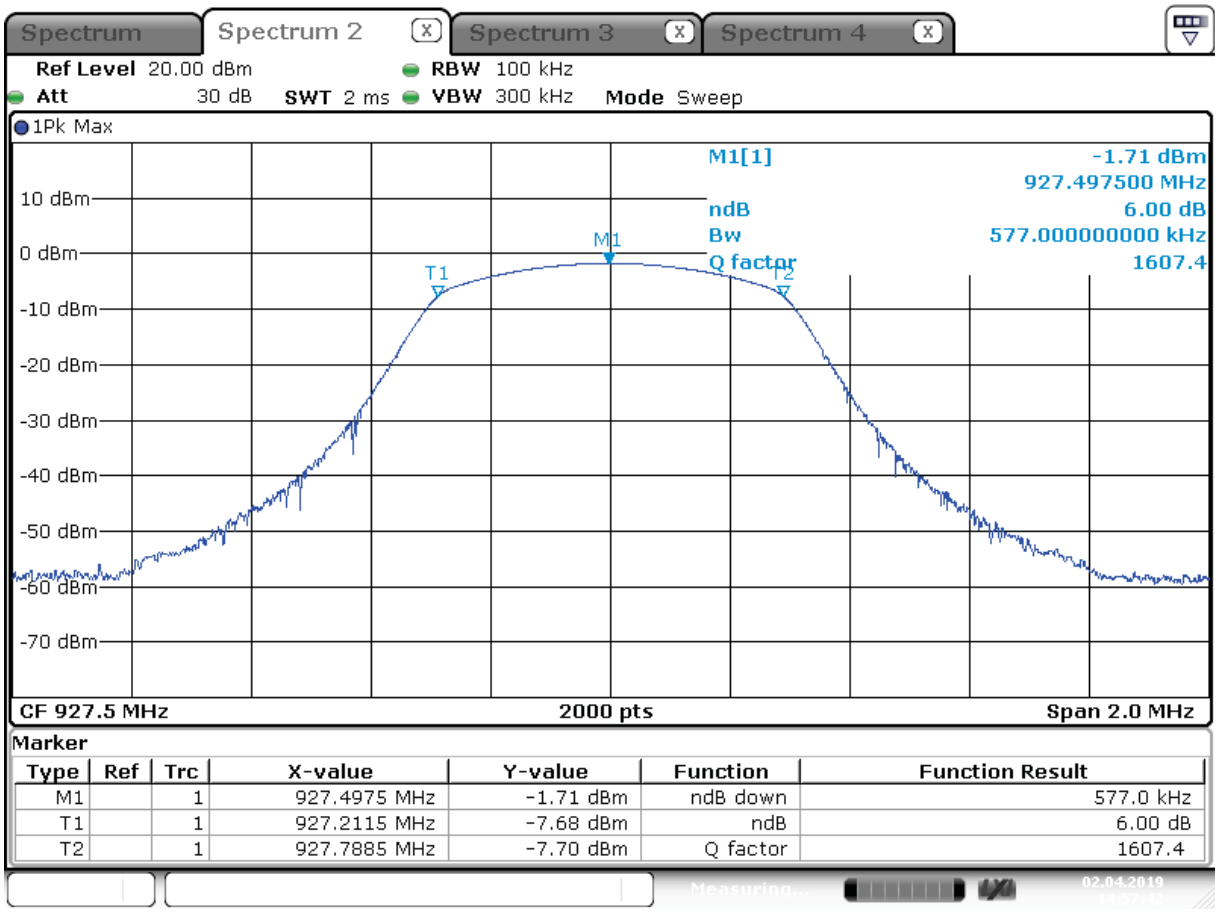
Frequency 925.7 MHz



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	925.6995 MHz	-1.40 dBm	ndB down	575.0 kHz
T1		1	925.4125 MHz	-7.37 dBm	ndB	6.00 dB
T2		1	925.9875 MHz	-7.37 dBm	Q factor	1609.9

Date: 2.APR.2019 15:03:21

Frequency 927.5 MHz



Date: 2.APR.2019 14:57:42

APPENDIX 5: 99% bandwidth

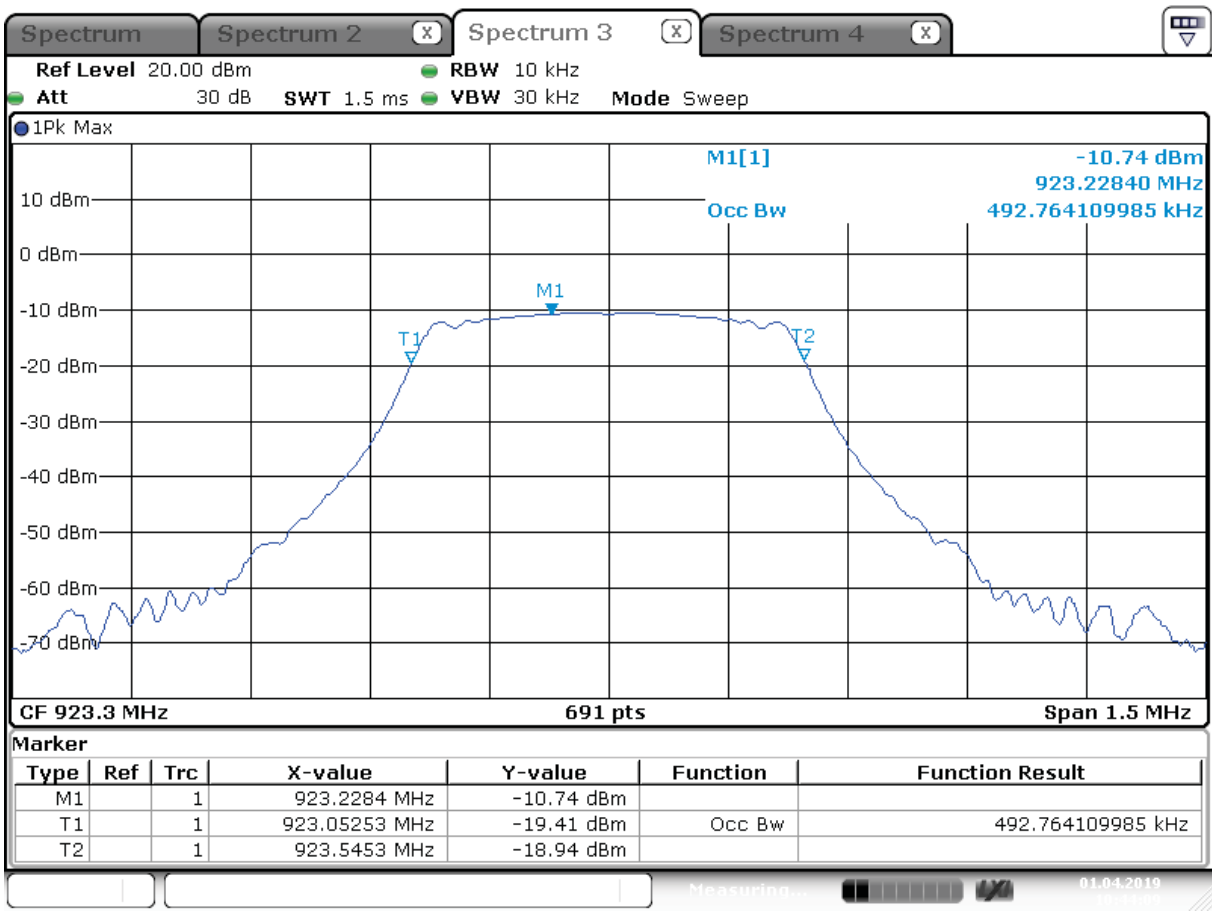
All measurement are realized with 30dBm

Module 1

RF OUTPUT 1

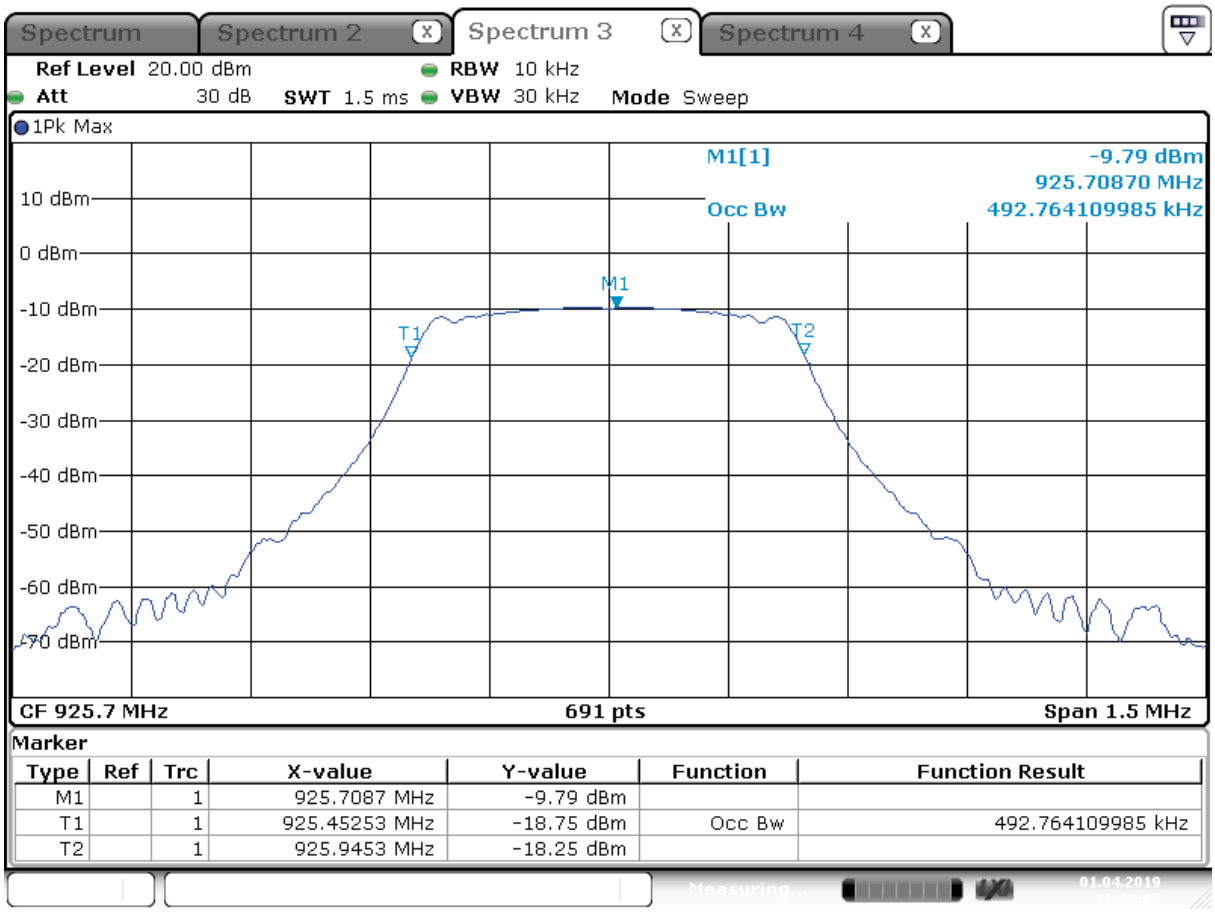
SPREAD FACTOR 7

Frequency 923.3 MHz



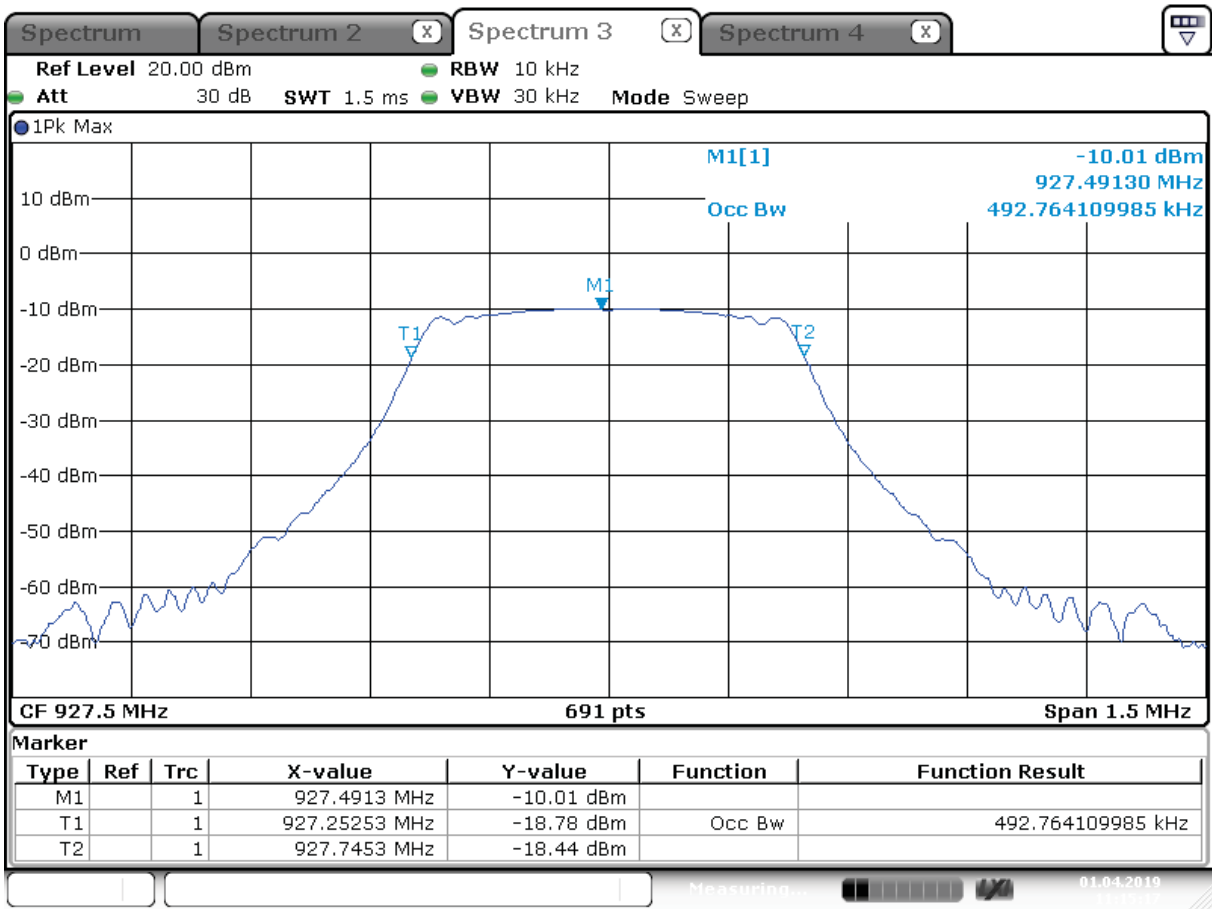
Date: 1.APR.2019 10:44:10

Frequency 925.7 MHz



Date: 1.APR.2019 11:23:08

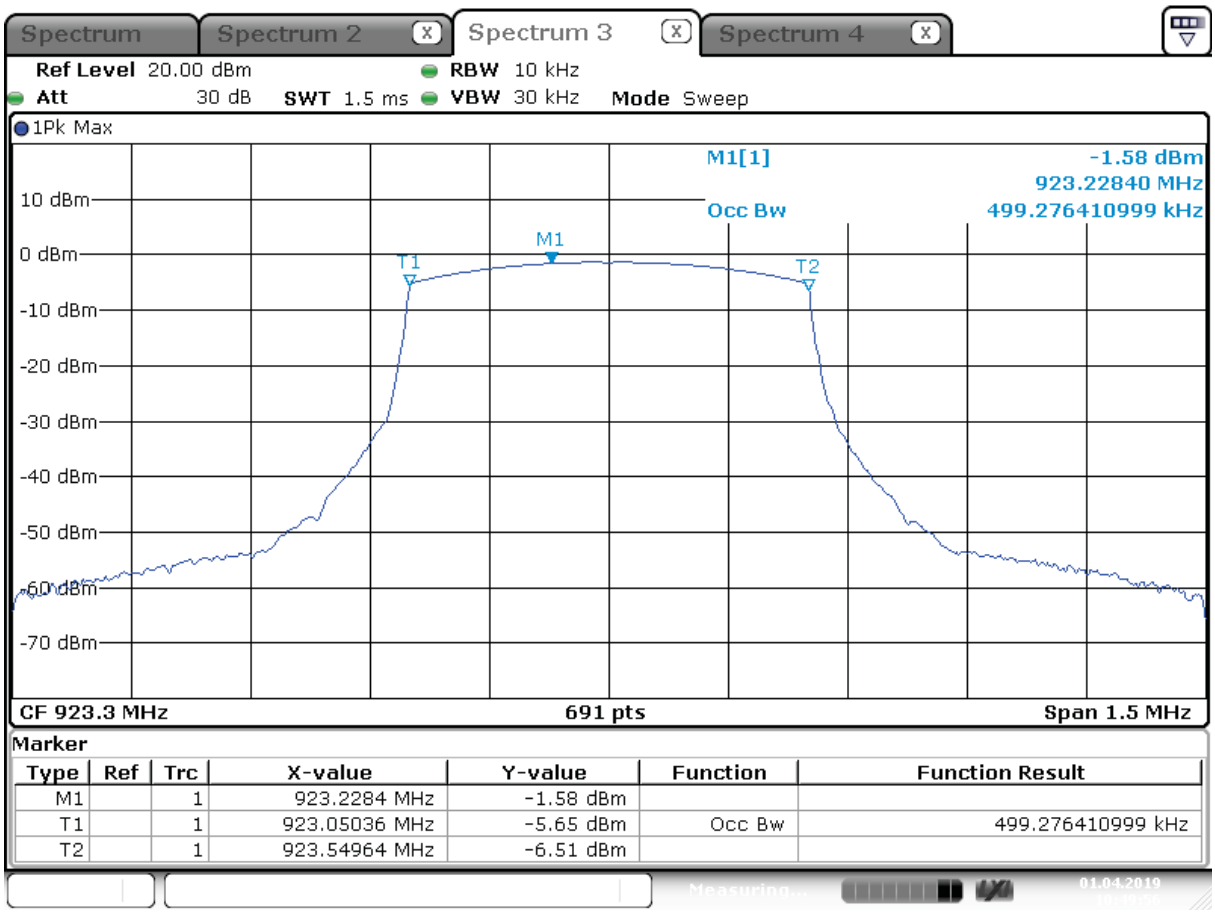
Frequency 927.5 MHz



Date: 1.APR.2019 11:15:17

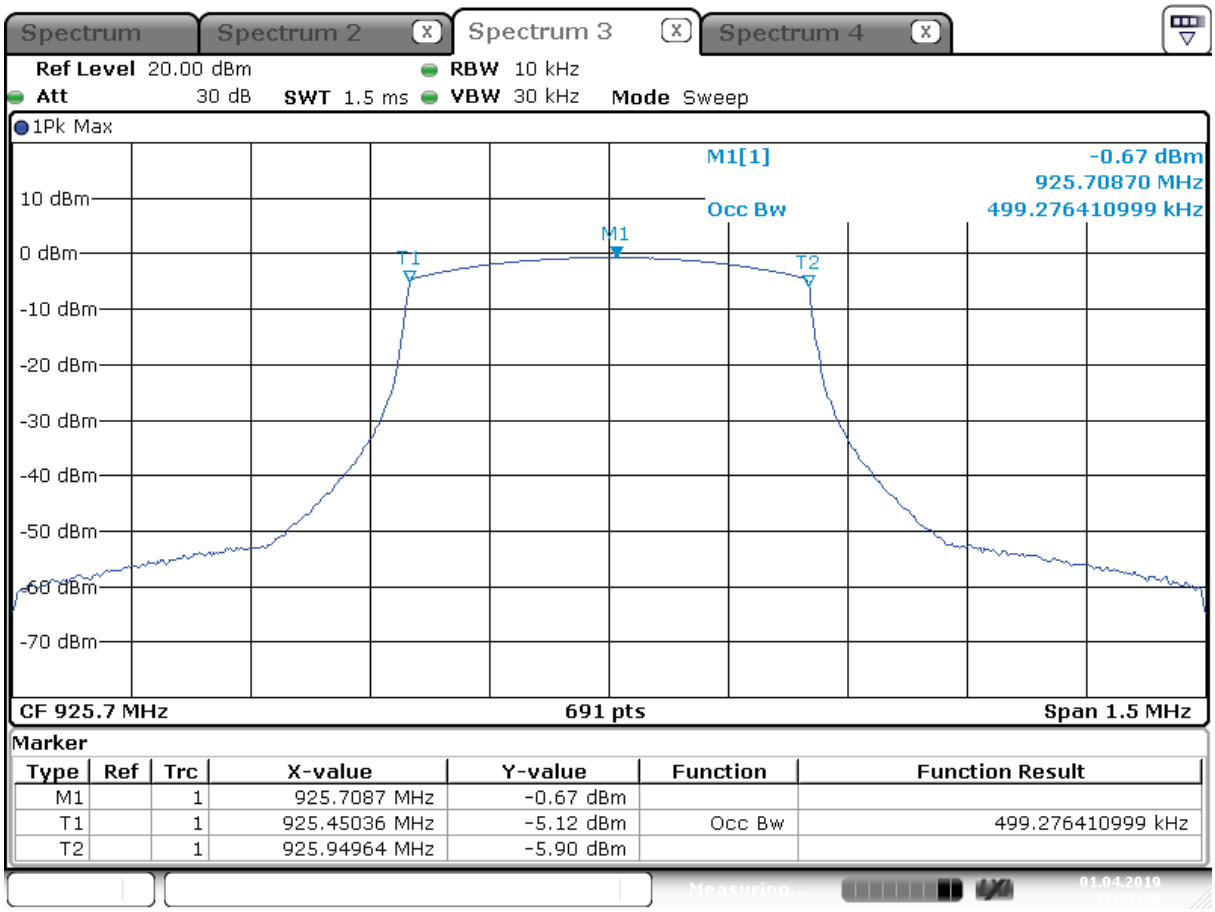
SPREAD FACTOR 12

Frequency 923.3 MHz



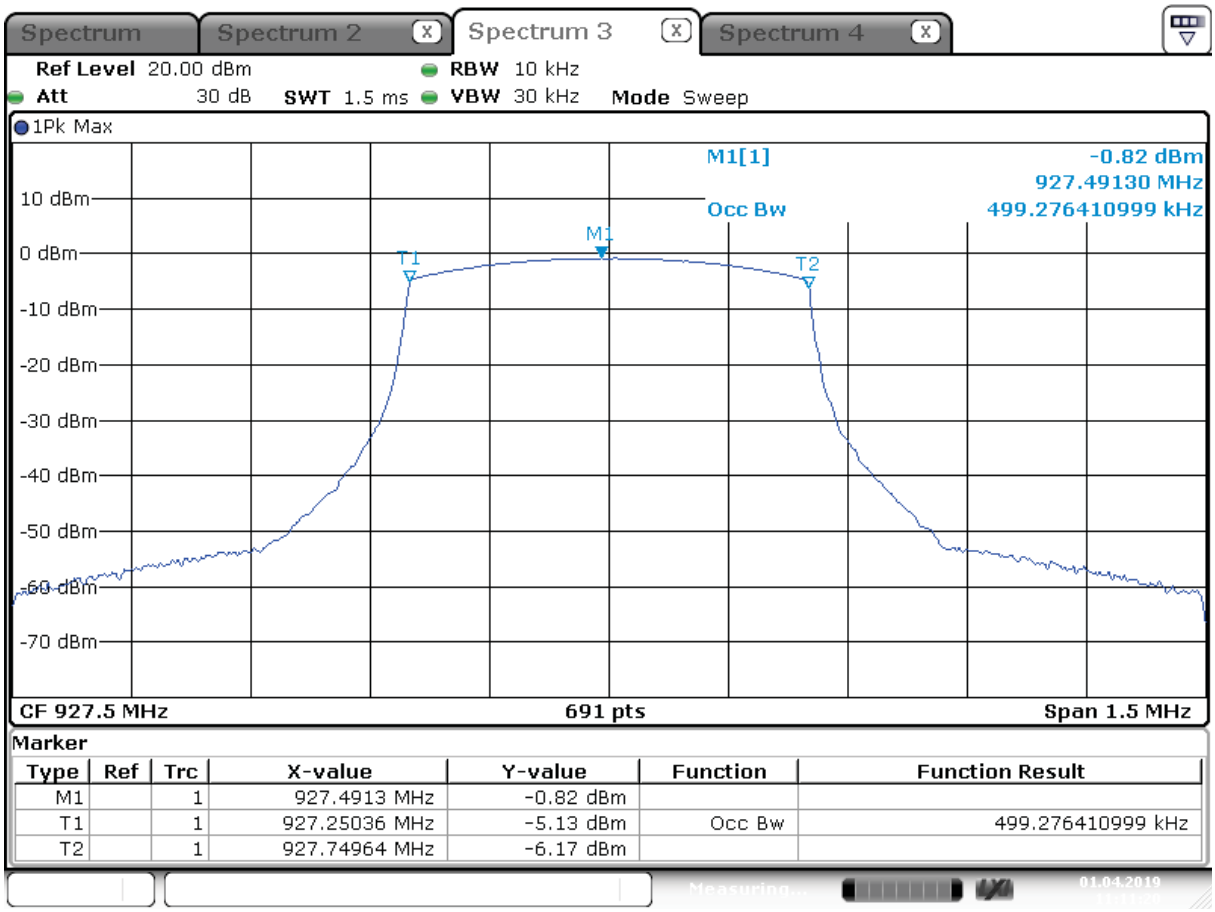
Date: 1.APR.2019 10:49:56

Frequency 925.7 MHz



Date: 1.APR.2019 11:21:38

Frequency 927.5 MHz

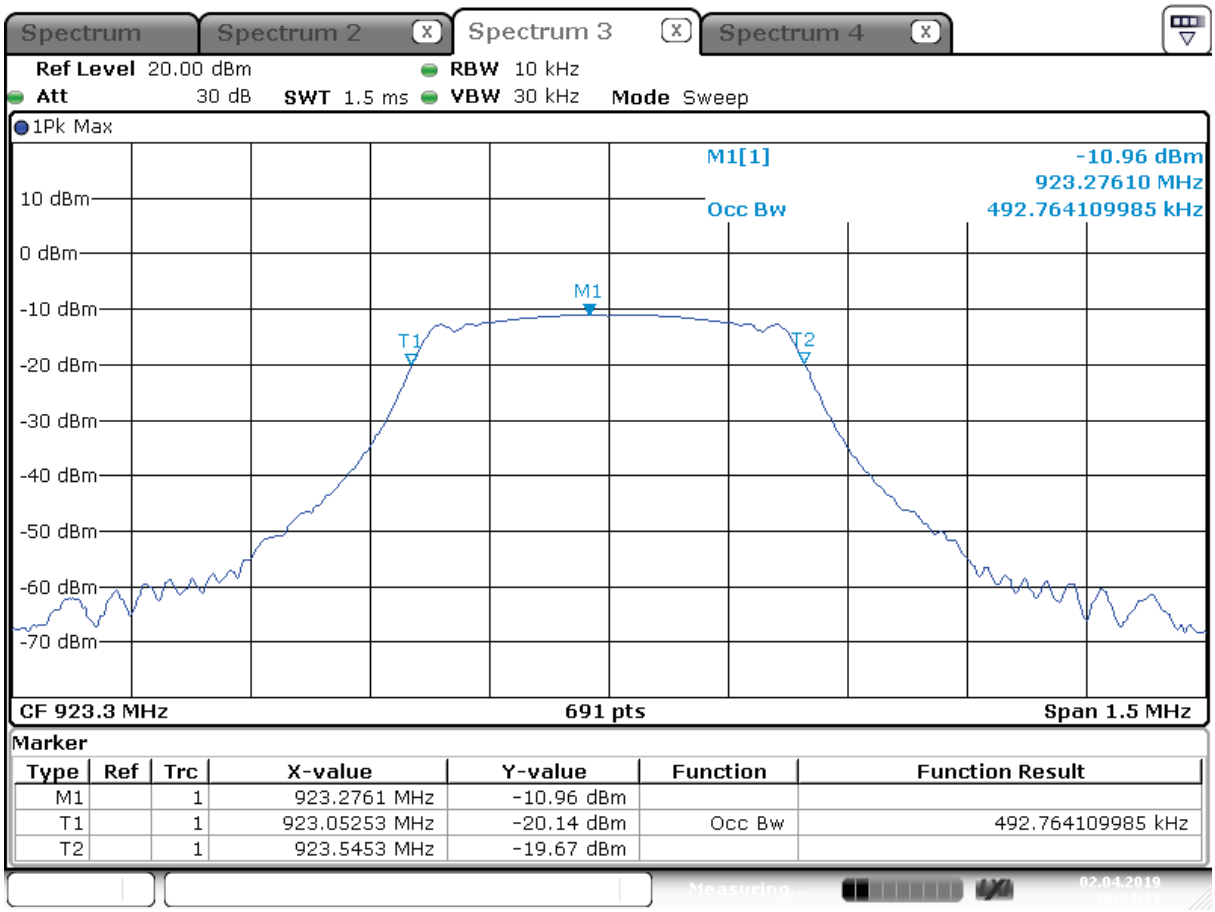


Date: 1.APR.2019 11:11:20

RF OUTPUT 2

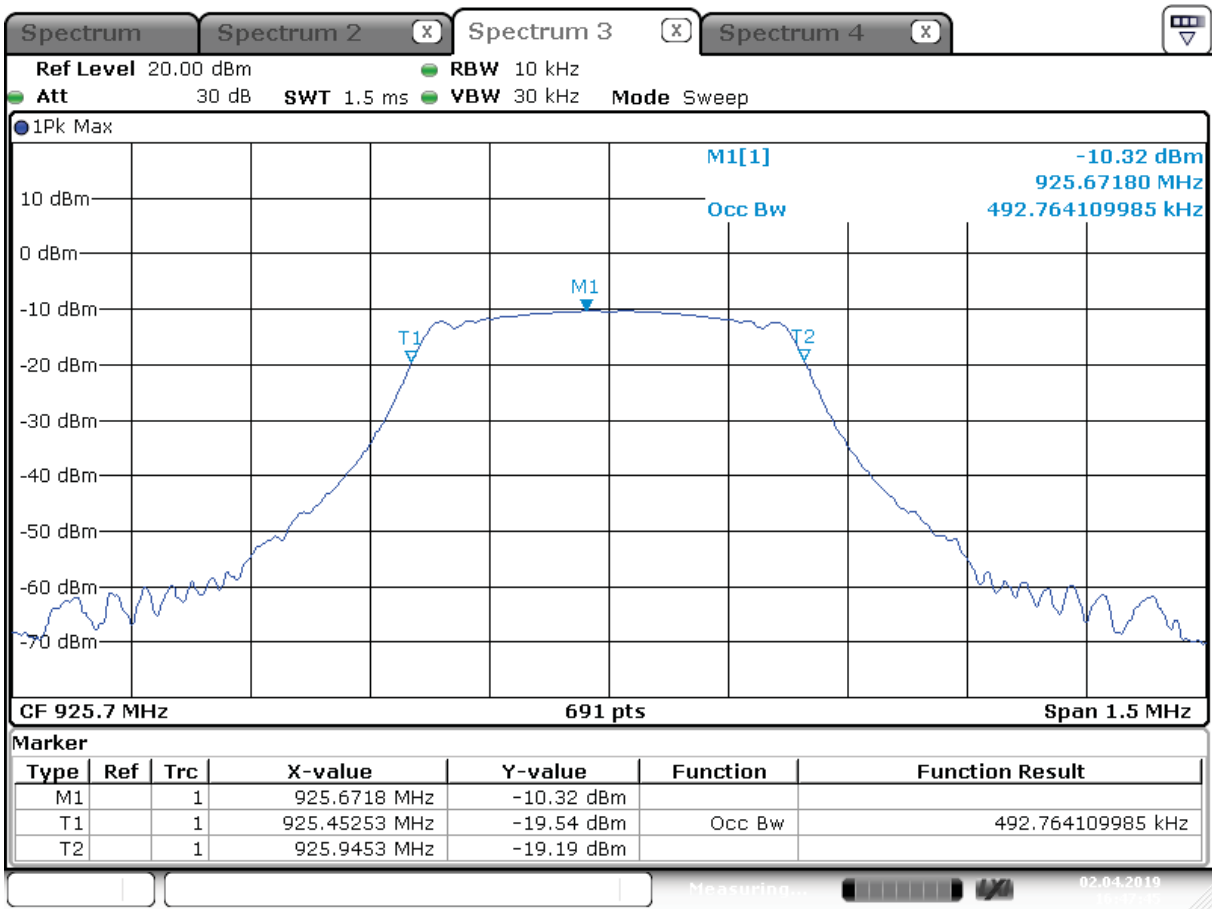
SPREAD FACTOR 7

Frequency 923.3 MHz



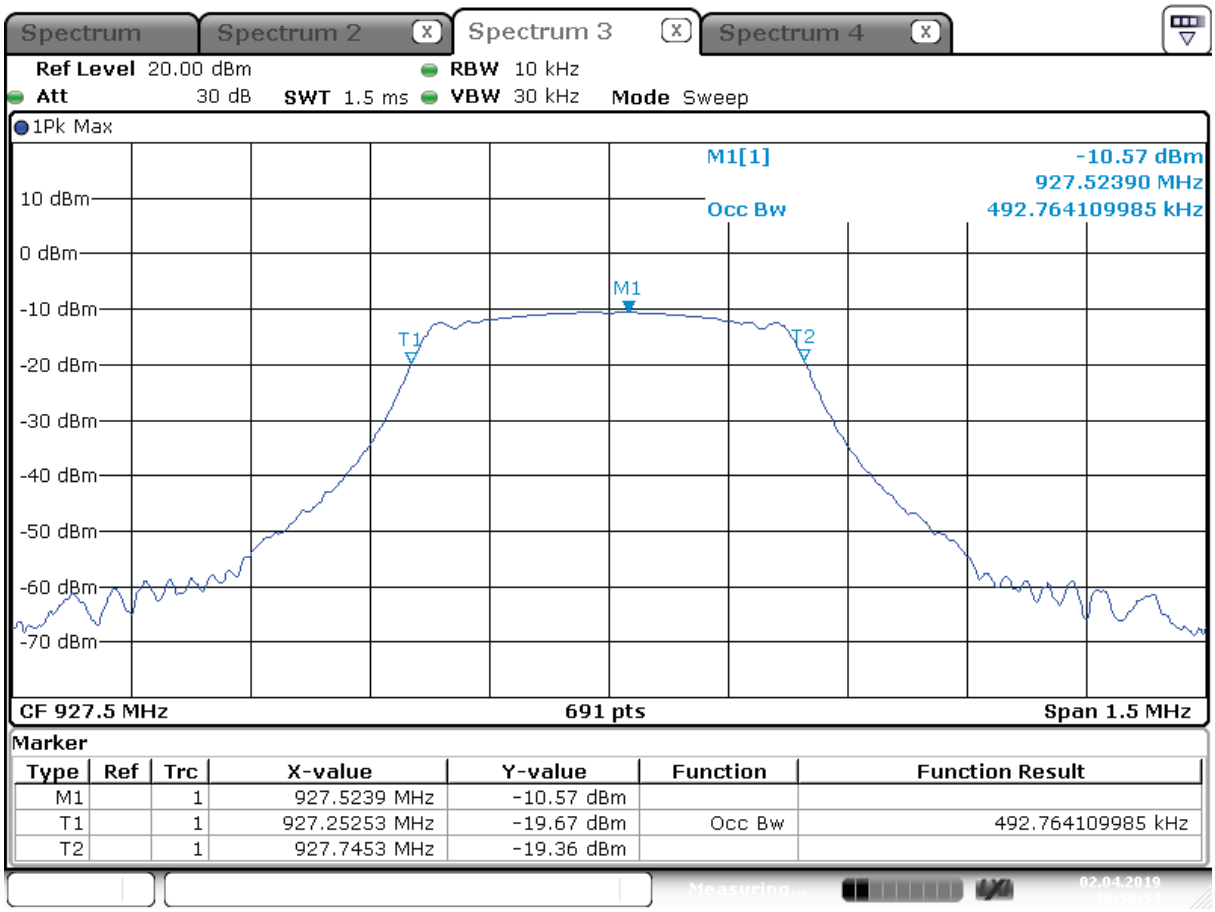
Date: 2.APR.2019 16:44:12

Frequency 925.7 MHz



Date: 2.APR.2019 16:47:45

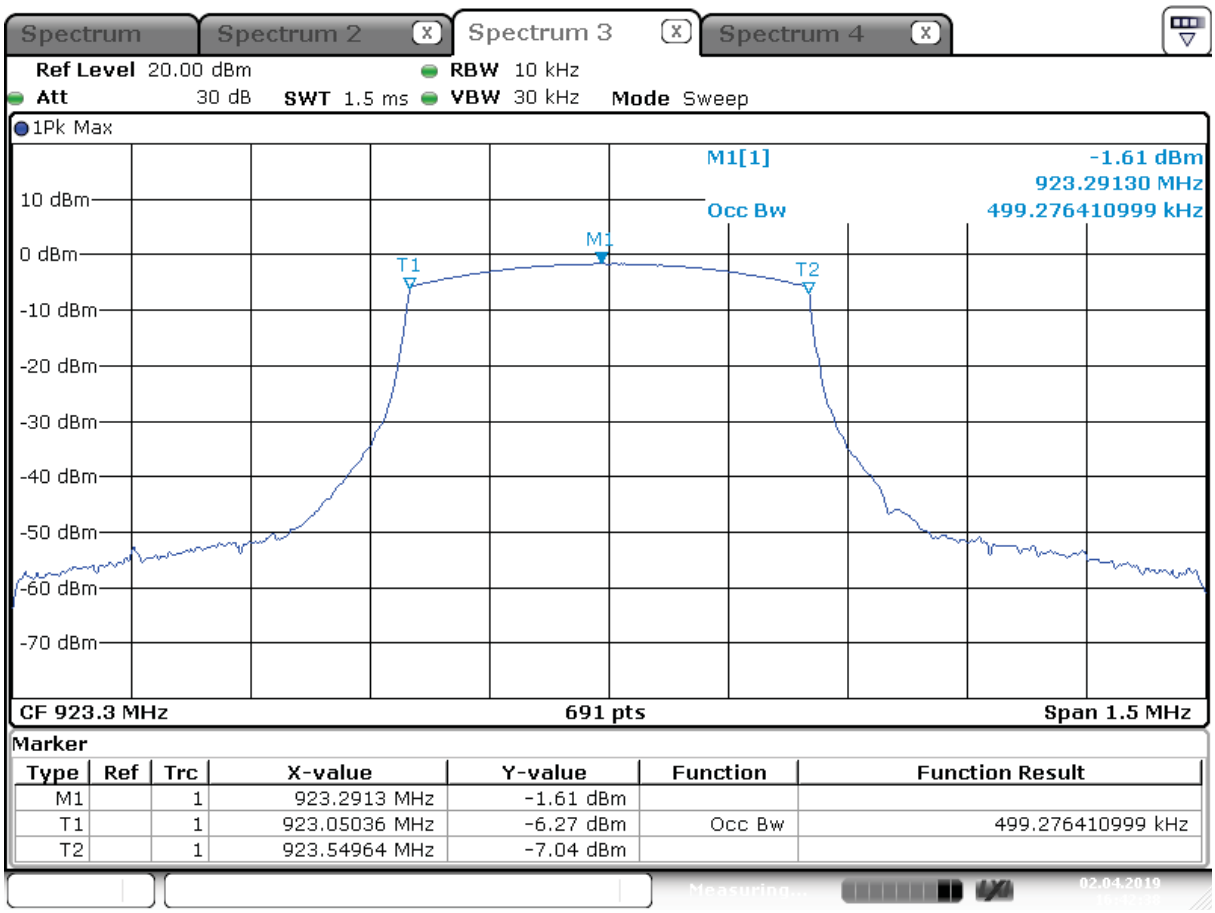
Frequency 927.5 MHz



Date: 2.APR.2019 16:58:54

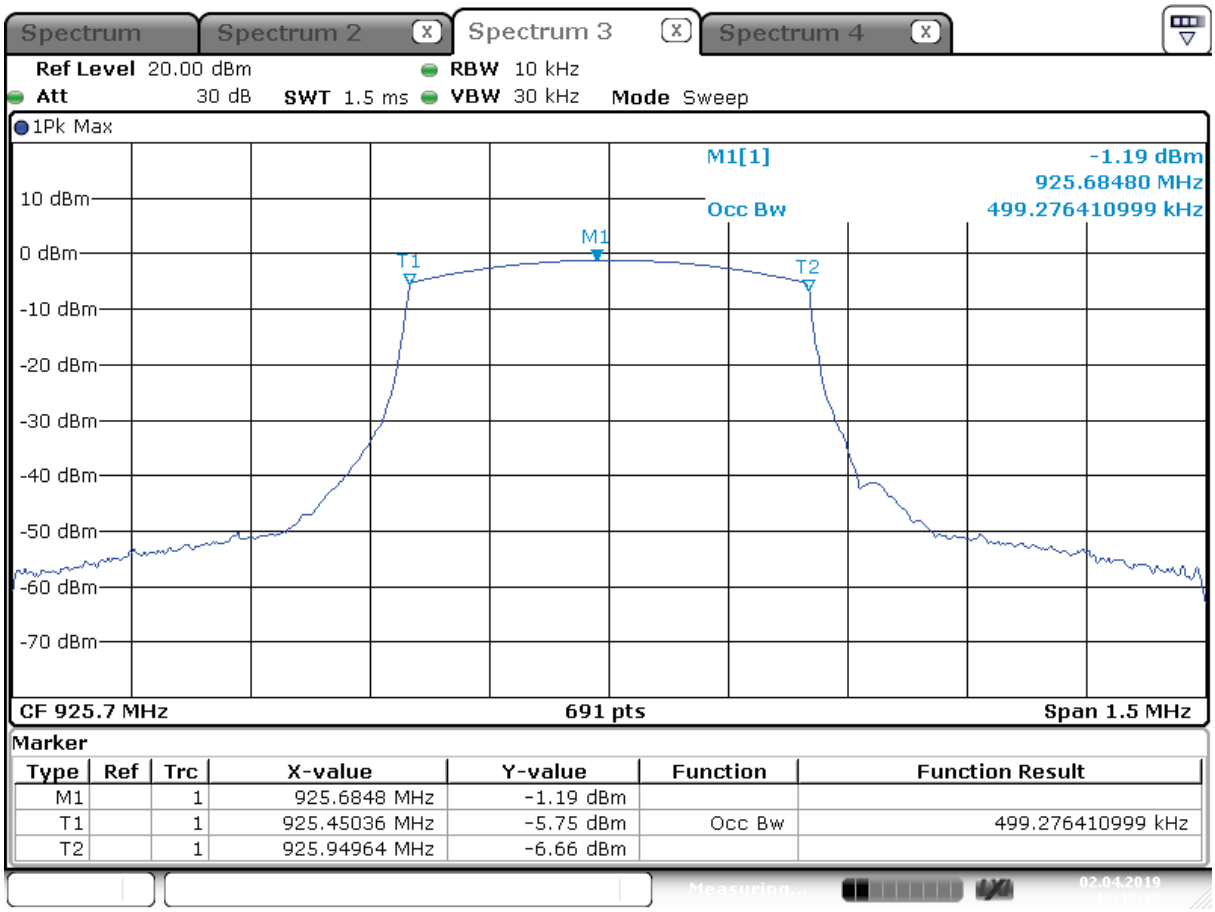
SPREAD FACTOR 12

Frequency 923.3 MHz



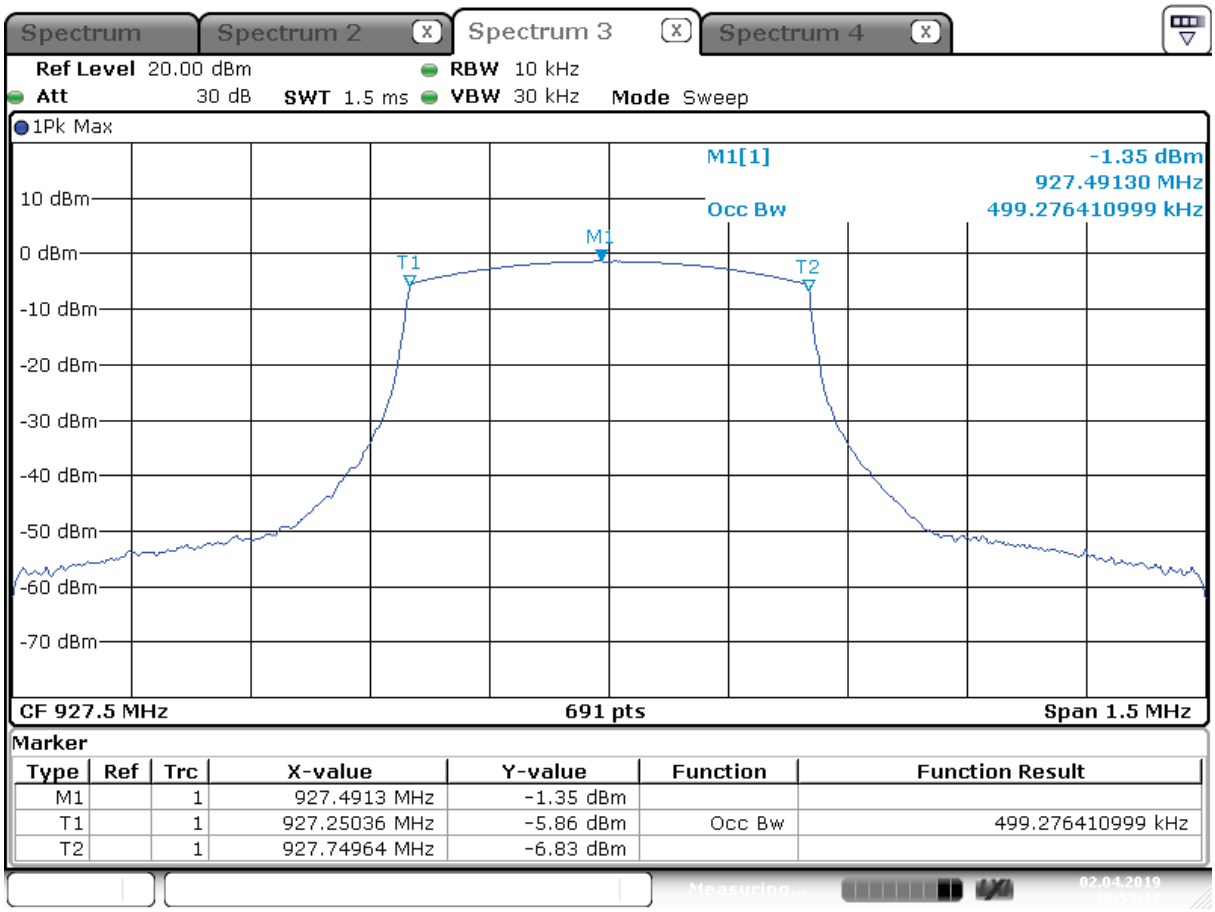
Date: 2.APR.2019 16:42:38

Frequency 925.7 MHz



Date: 2.APR.2019 16:49:38

Frequency 927.5 MHz



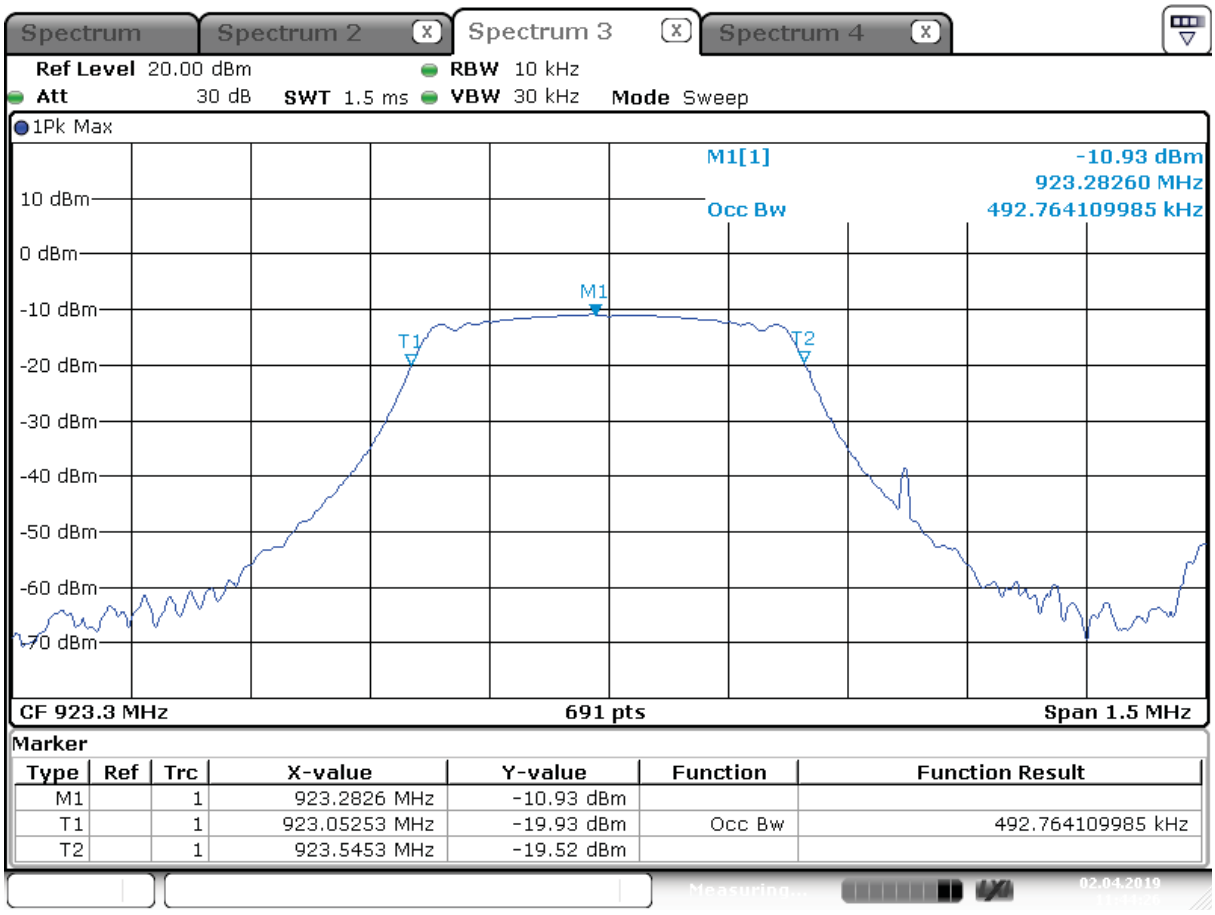
Date: 2.APR.2019 16:55:17

Module 2

RF OUTPUT 1

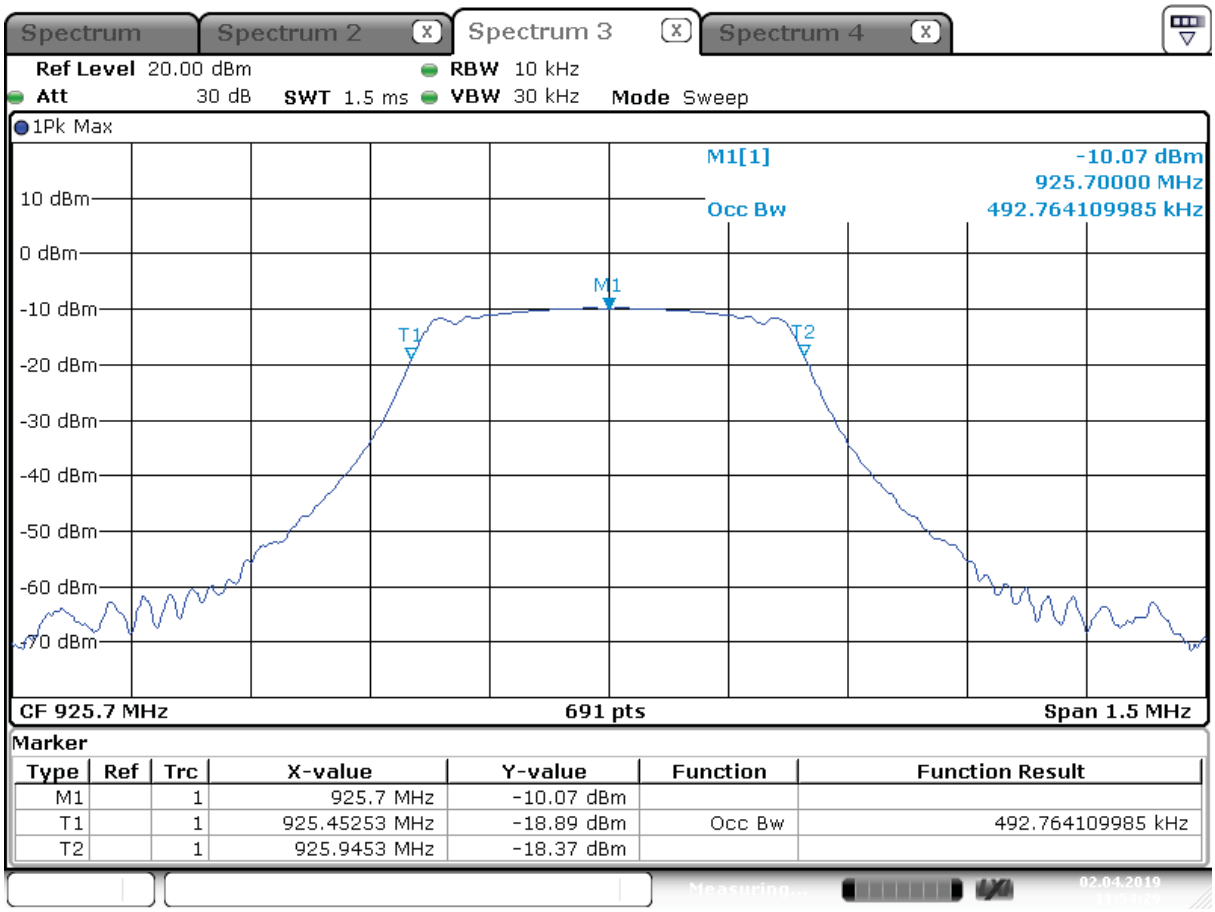
SPREAD FACTOR 7

Frequency 923.3 MHz



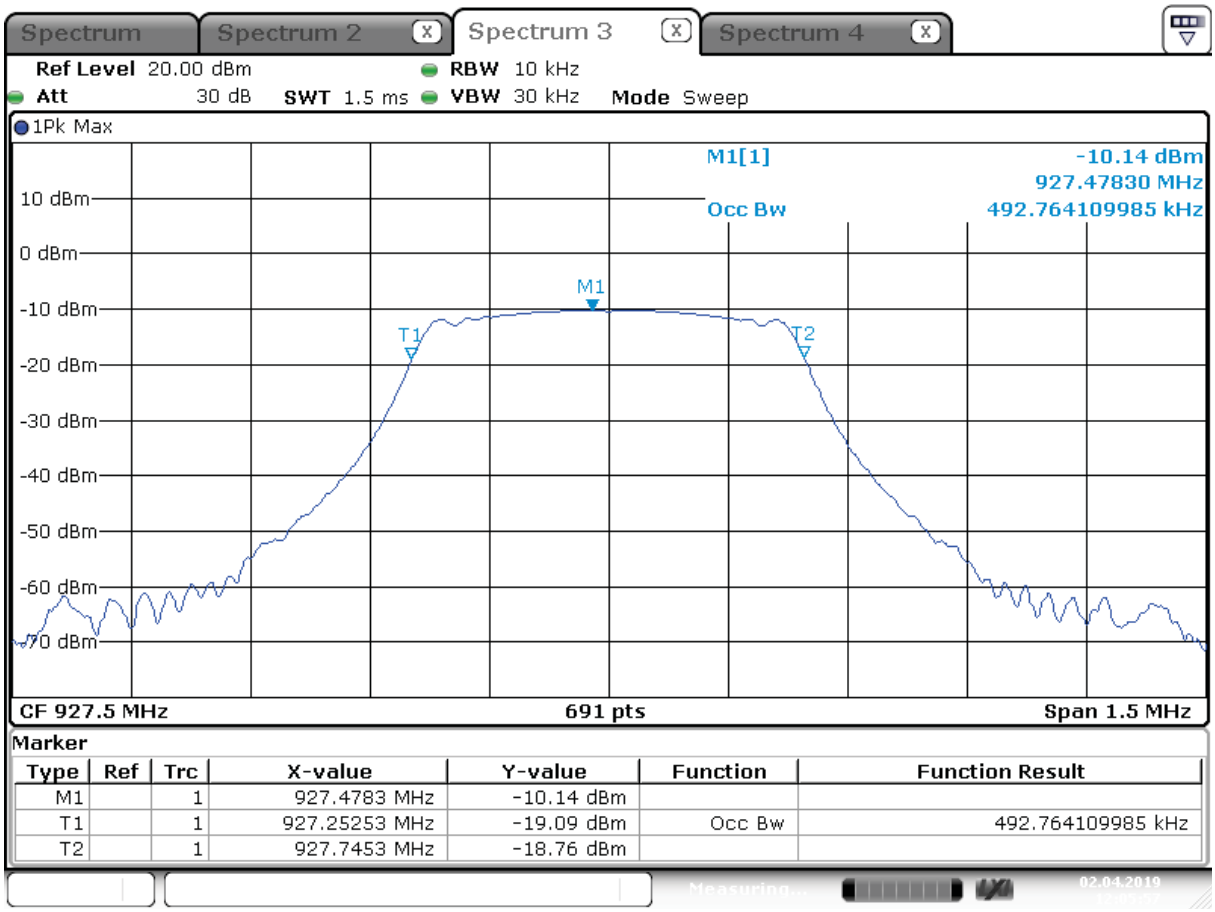
Date: 2.APR.2019 11:44:26

Frequency 925.7 MHz



Date: 2.APR.2019 11:54:29

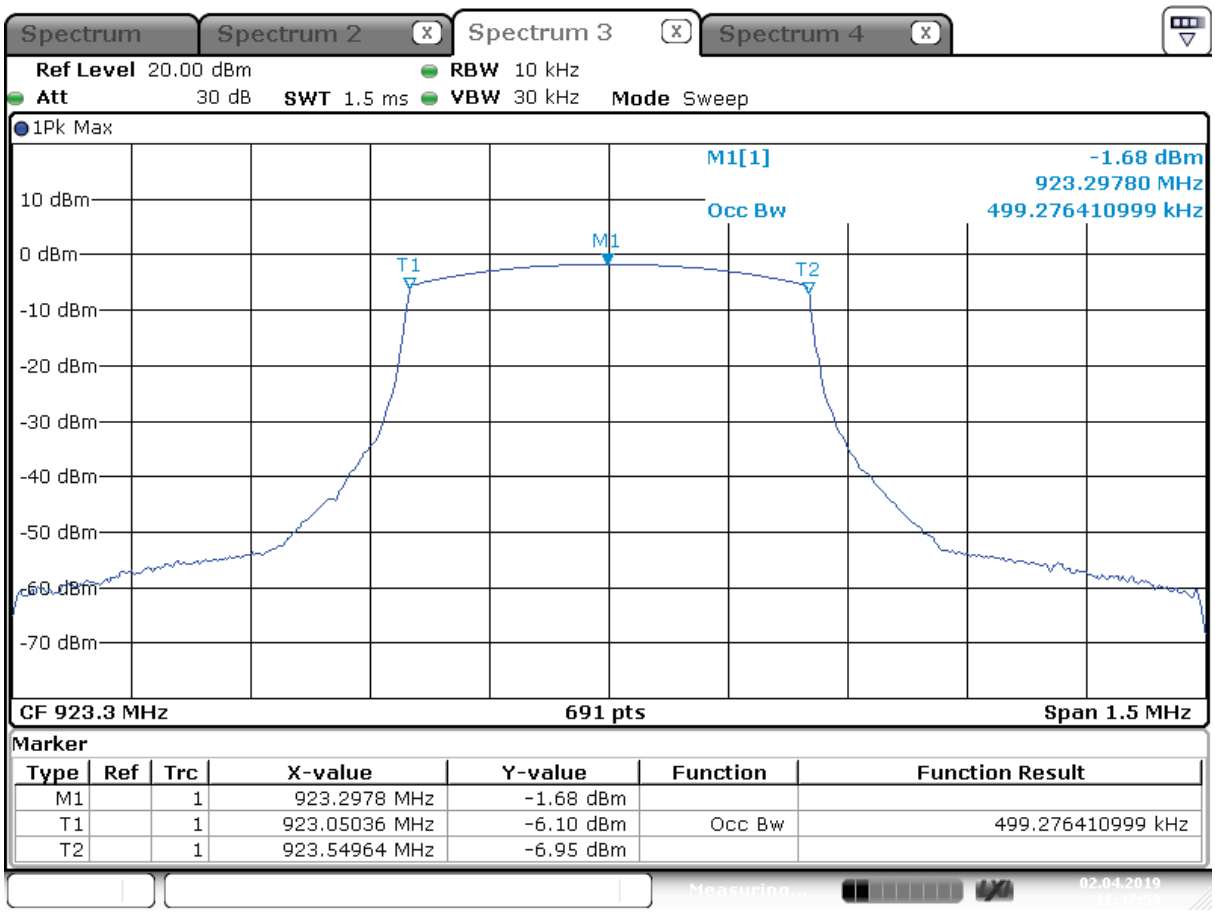
Frequency 927.5 MHz



Date: 2.APR.2019 12:05:57

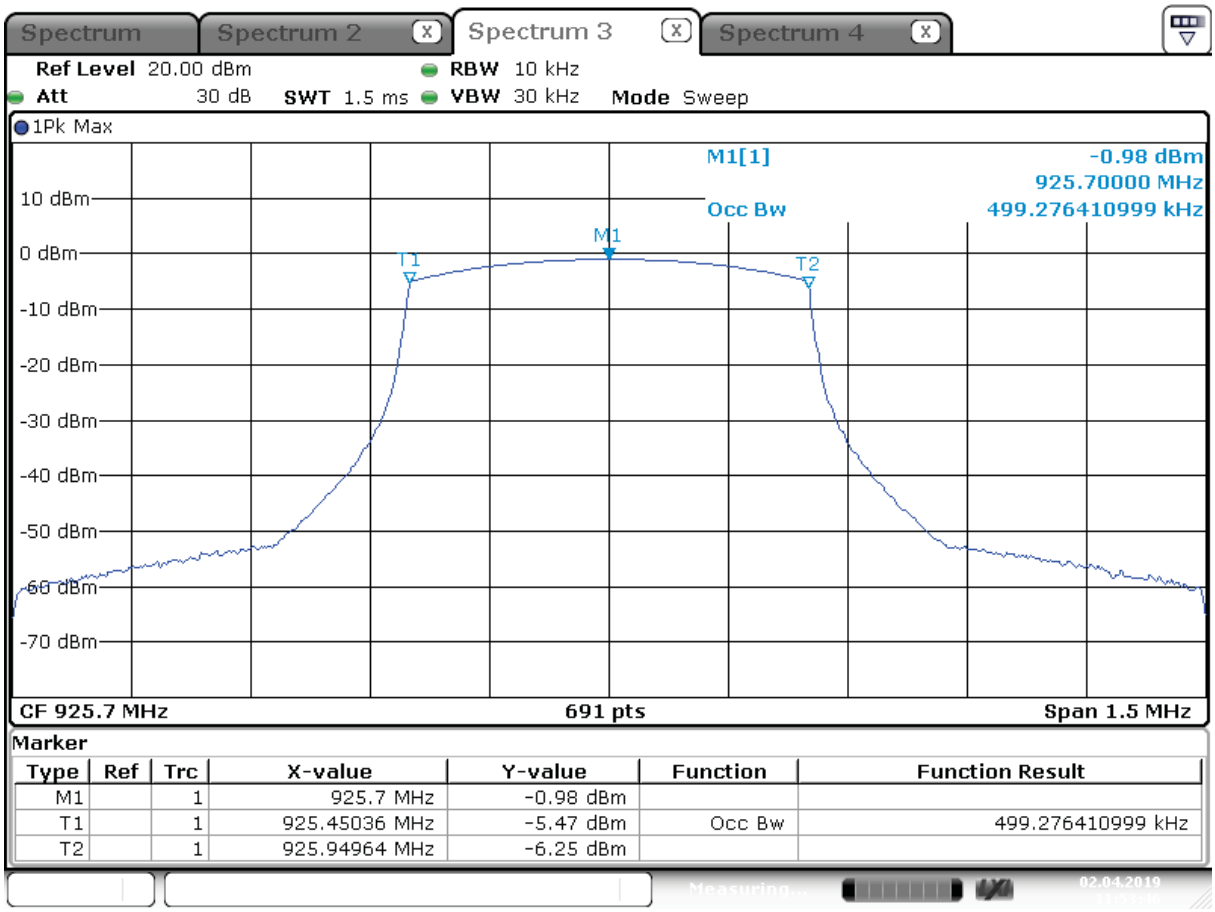
SPREAD FACTOR 12

Frequency 923.3 MHz



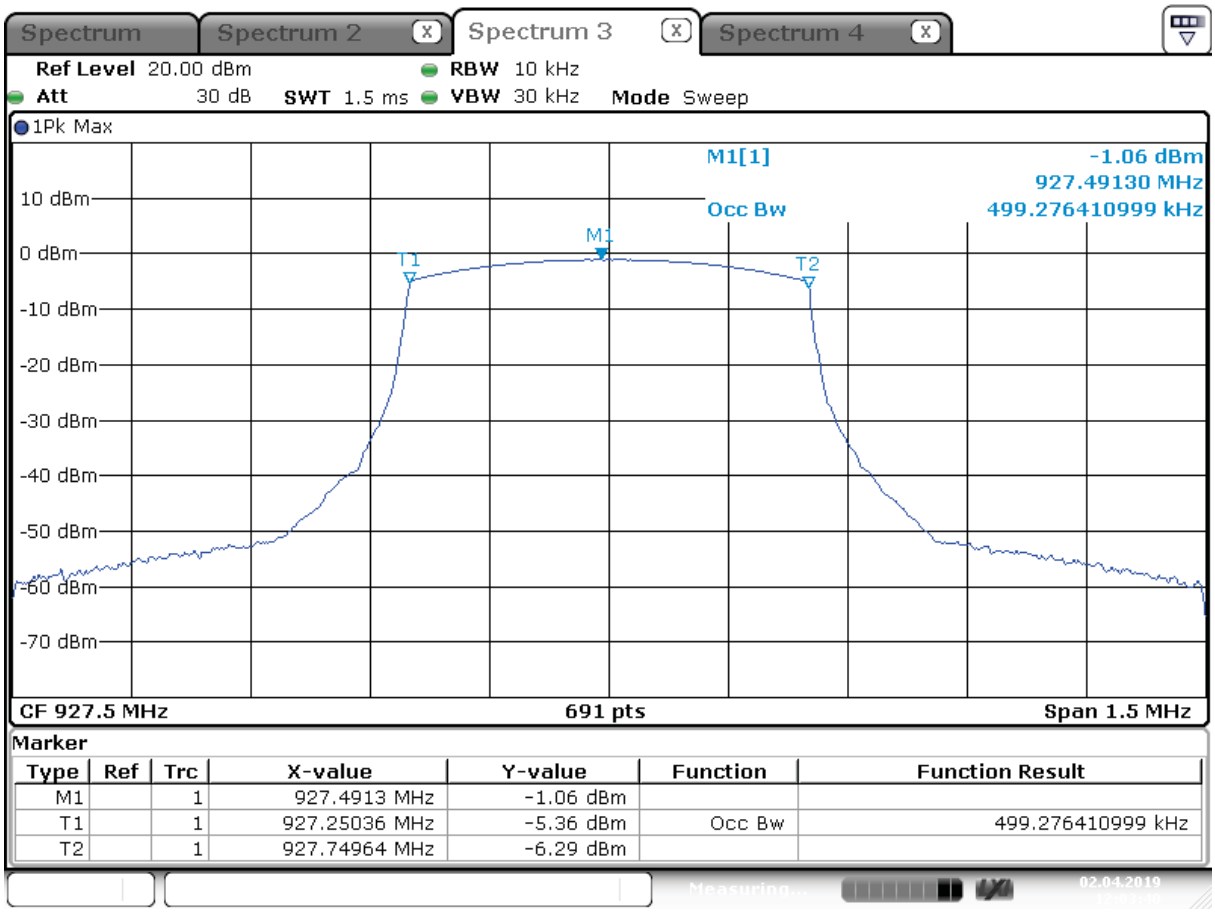
Date: 2.APR.2019 11:47:59

Frequency 925.7 MHz



Date: 2.APR.2019 11:53:46

Frequency 927.5 MHz

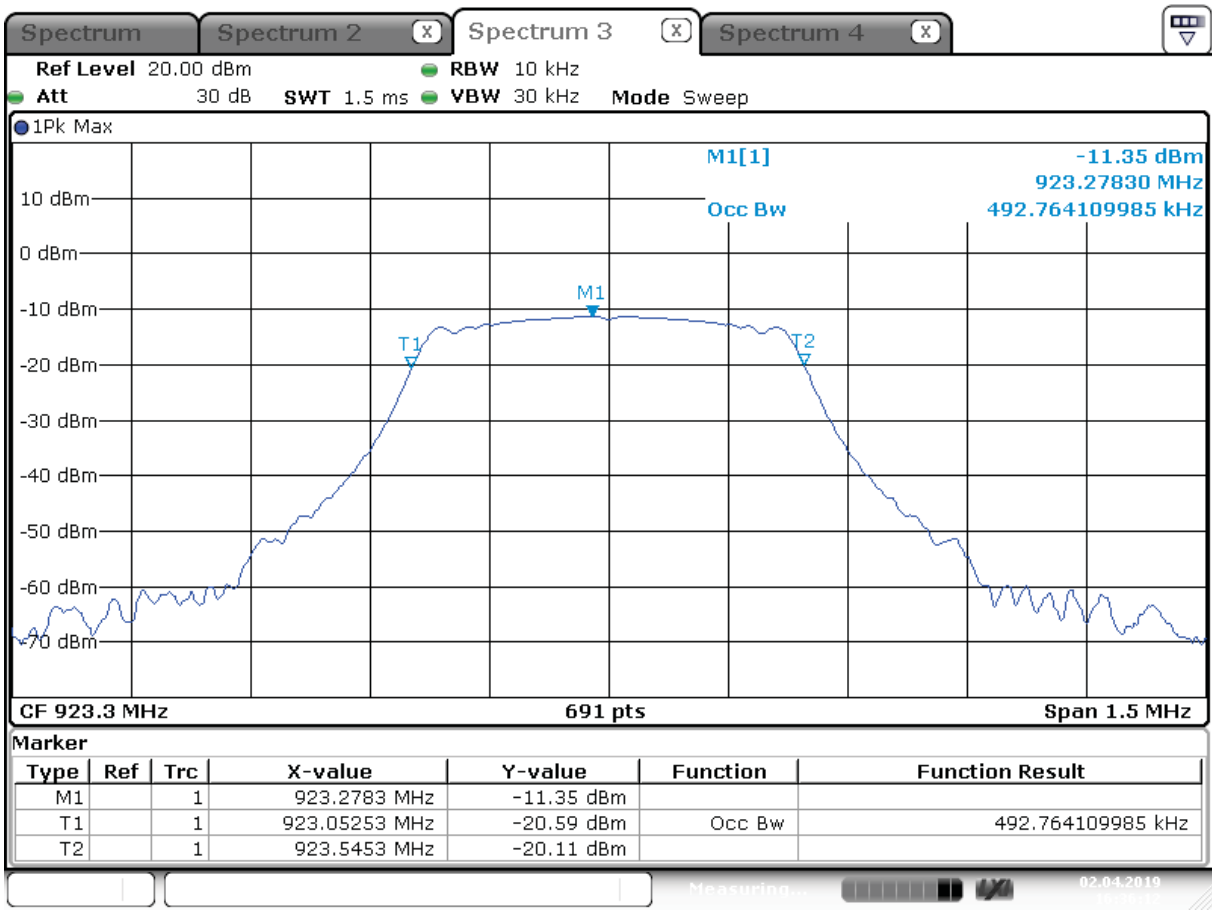


Date: 2.APR.2019 12:03:41

RF OUTPUT 2

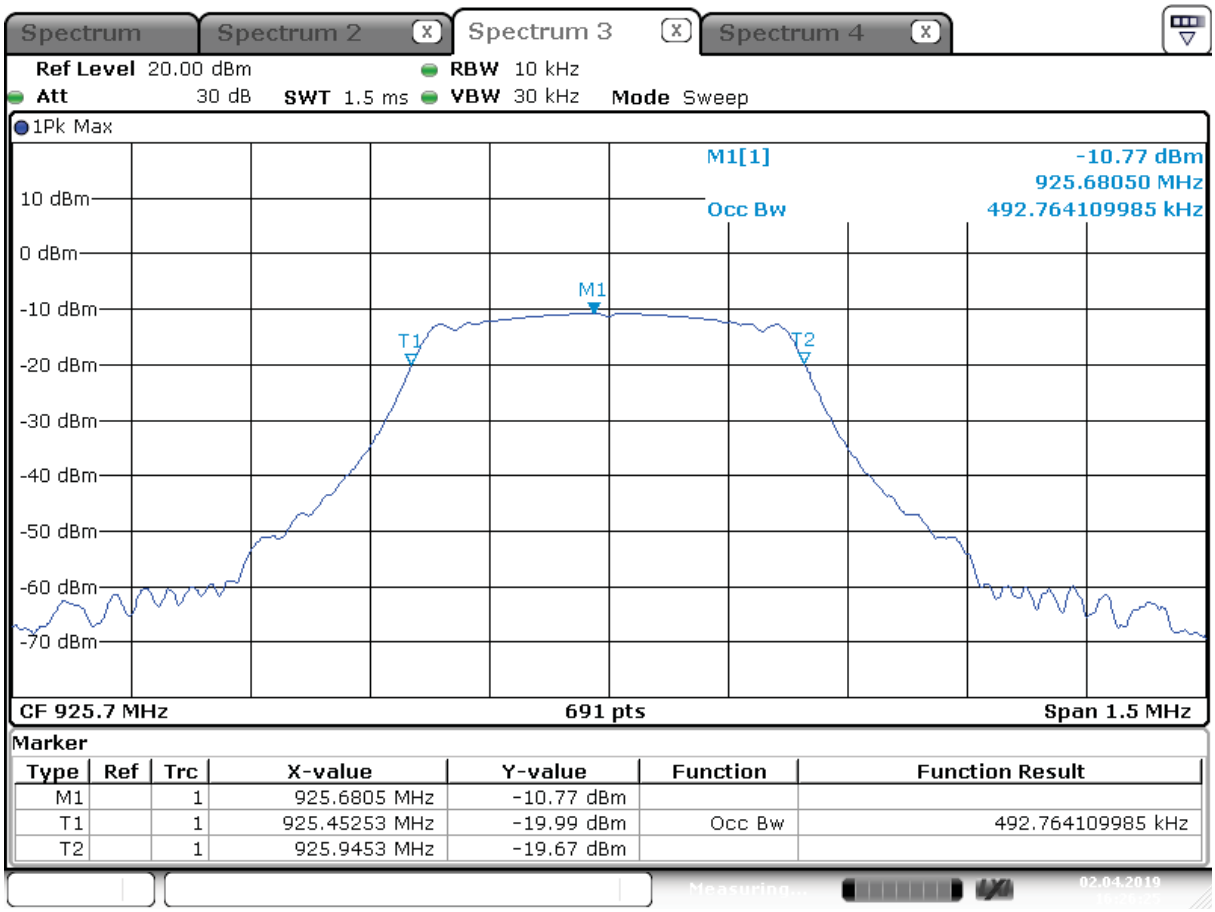
SPREAD FACTOR 7

Frequency 923.3 MHz



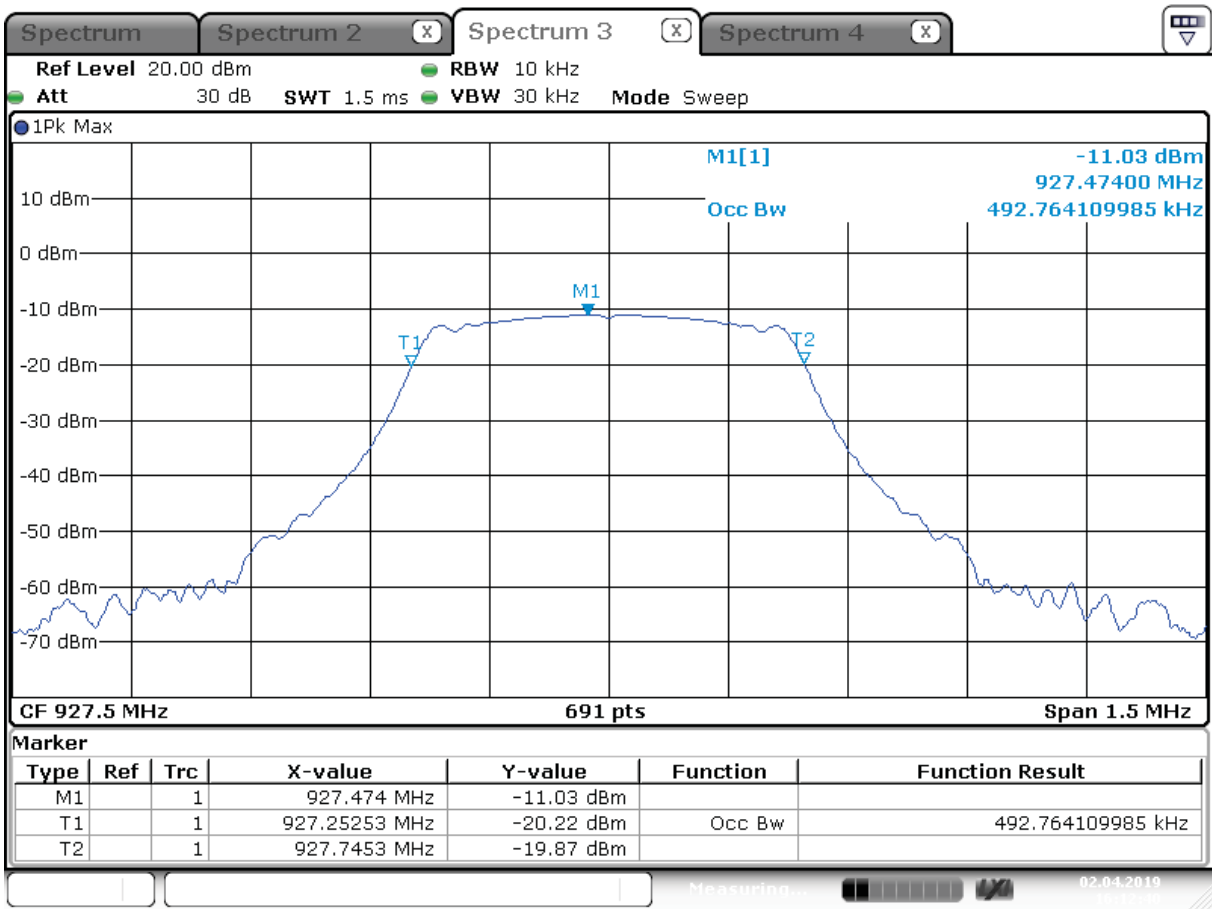
Date: 2.APR.2019 16:36:12

Frequency 925.7 MHz



Date: 2.APR.2019 16:26:25

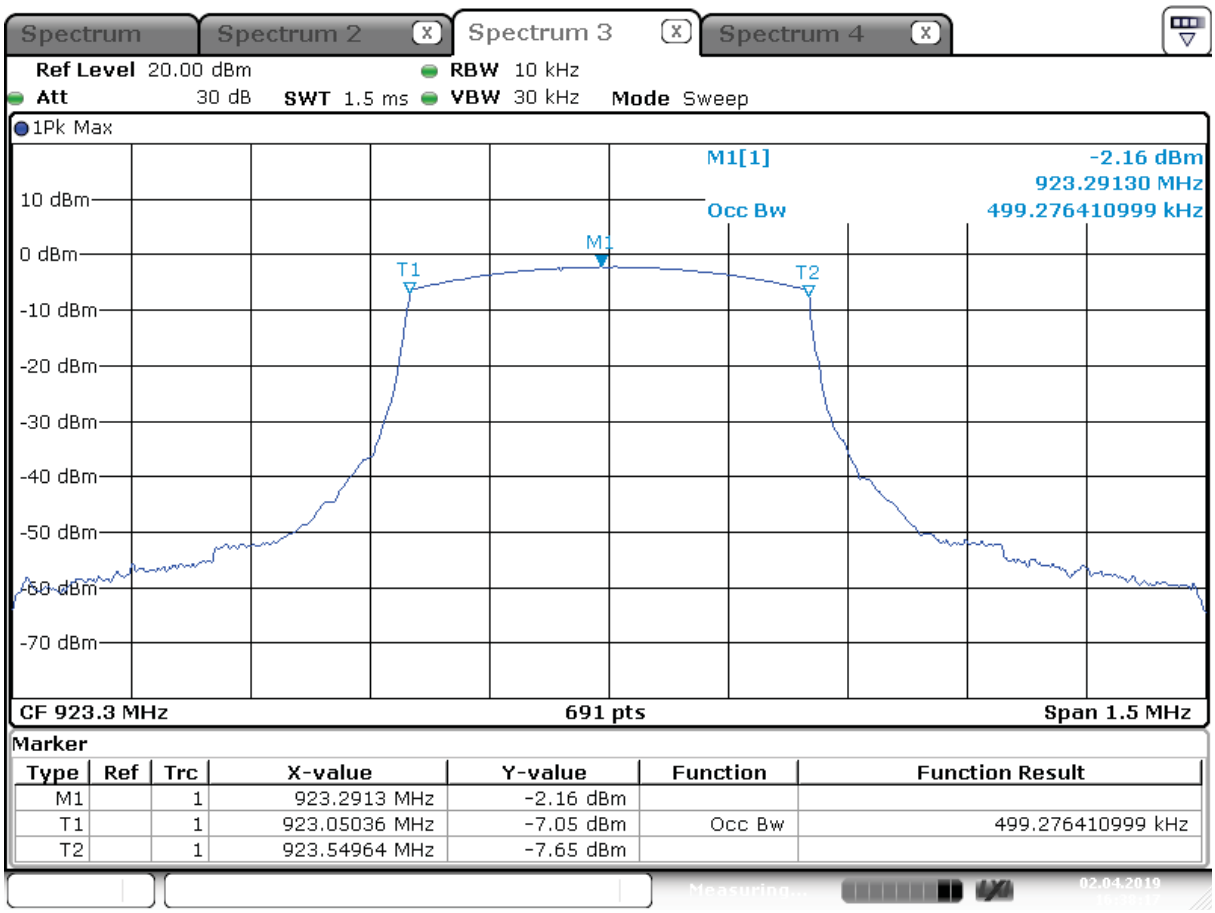
Frequency 927.5 MHz



Date: 2.APR.2019 16:12:40

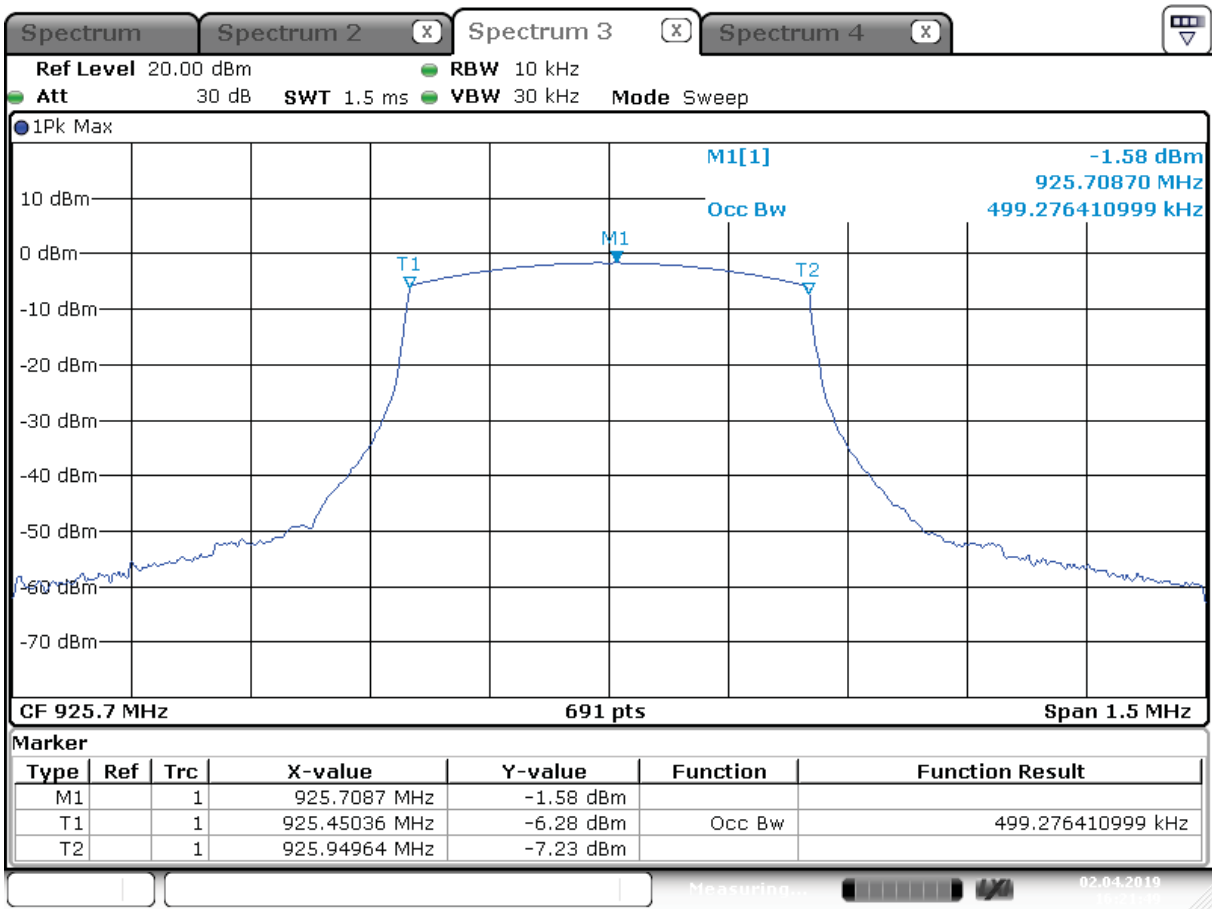
SPREAD FACTOR 12

Frequency 923.3 MHz



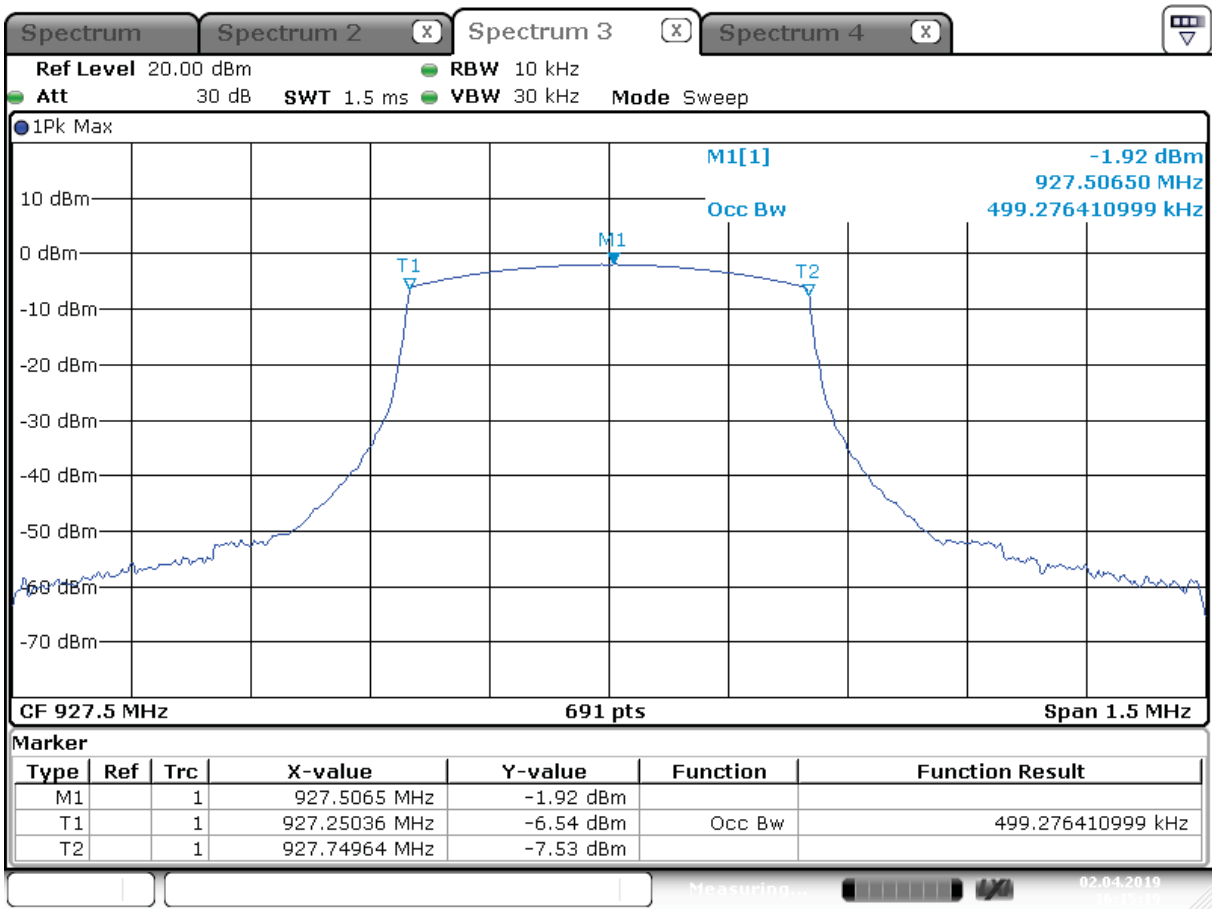
Date: 2.APR.2019 16:38:17

Frequency 925.7 MHz



Date: 2.APR.2019 16:21:49

Frequency 927.5 MHz



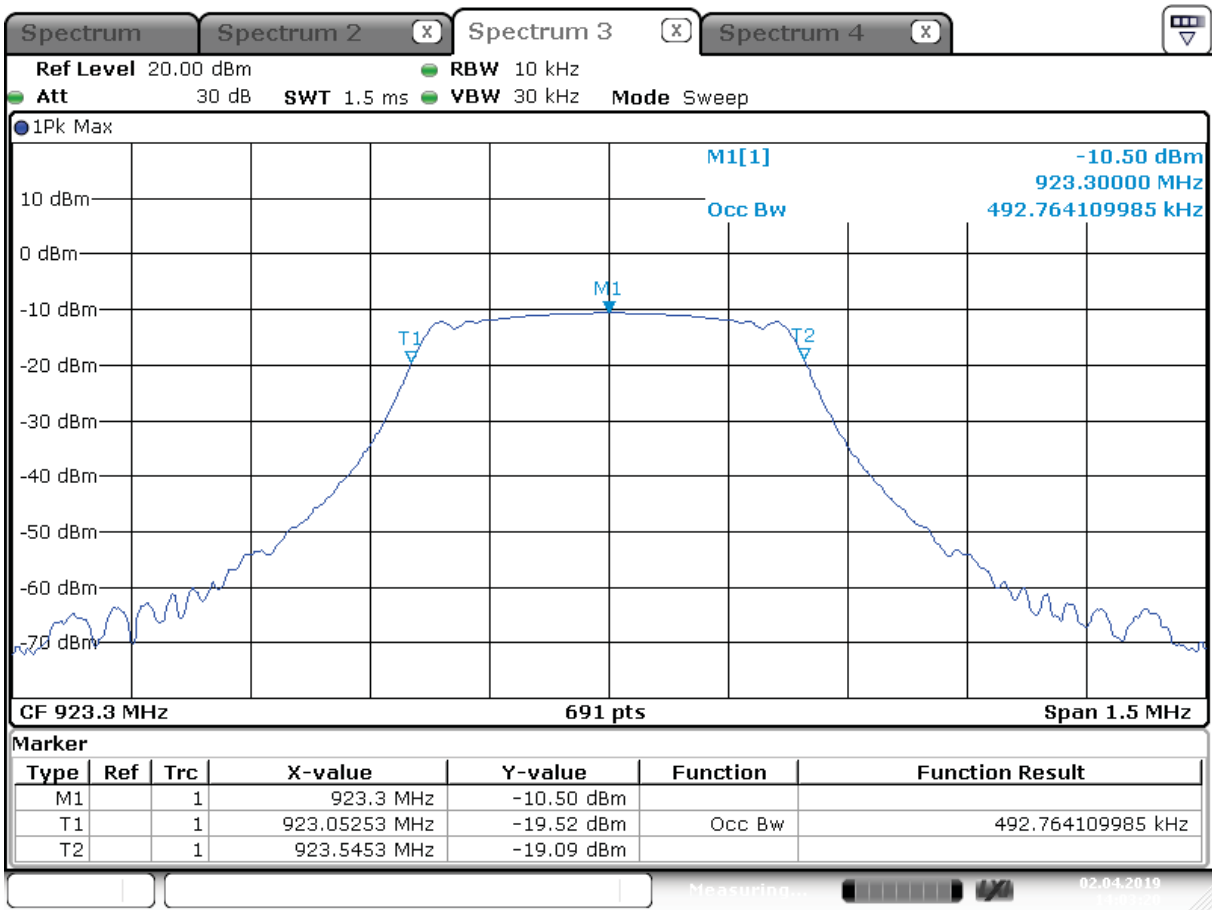
Date: 2.APR.2019 16:15:20

Module 3

RF OUTPUT 1

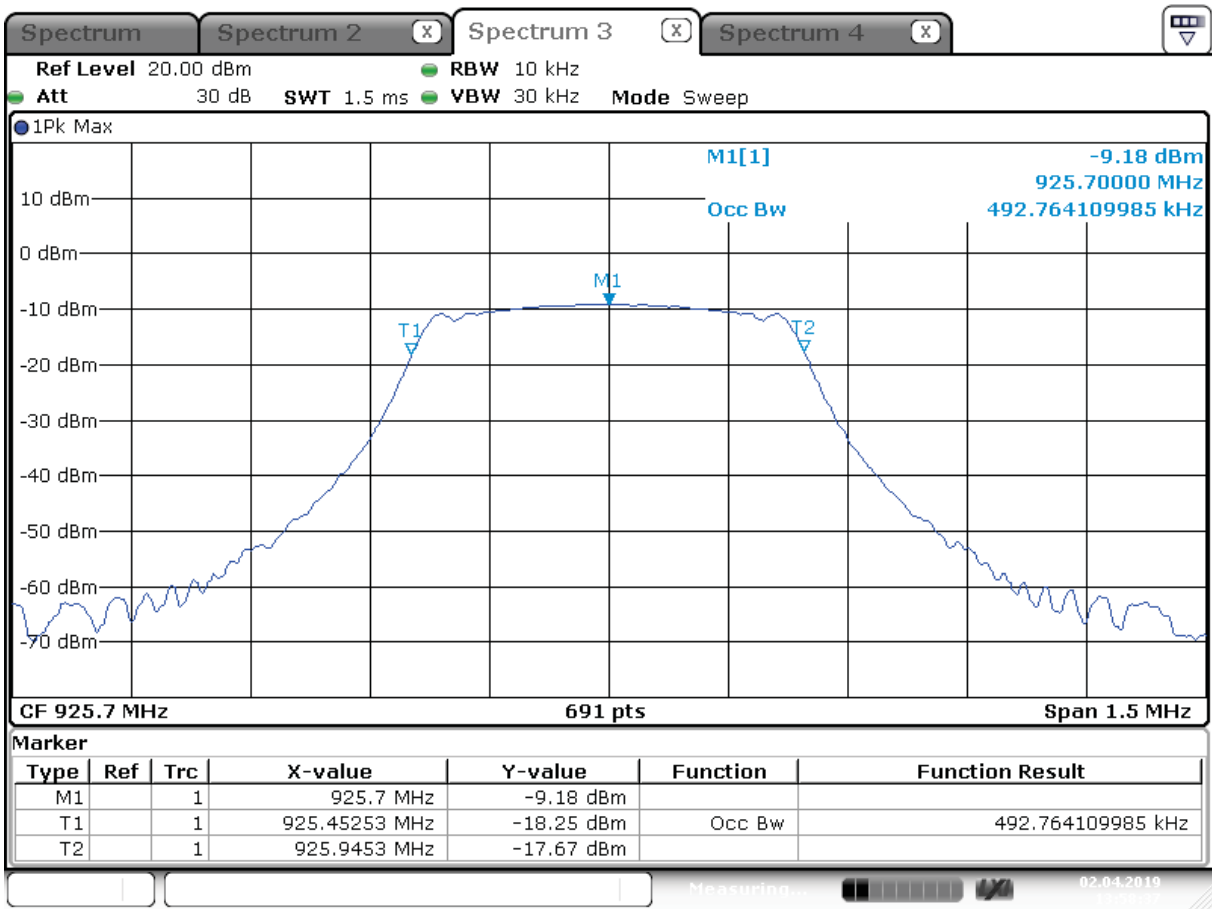
SPREAD FACTOR 7

Frequency 923.3 MHz



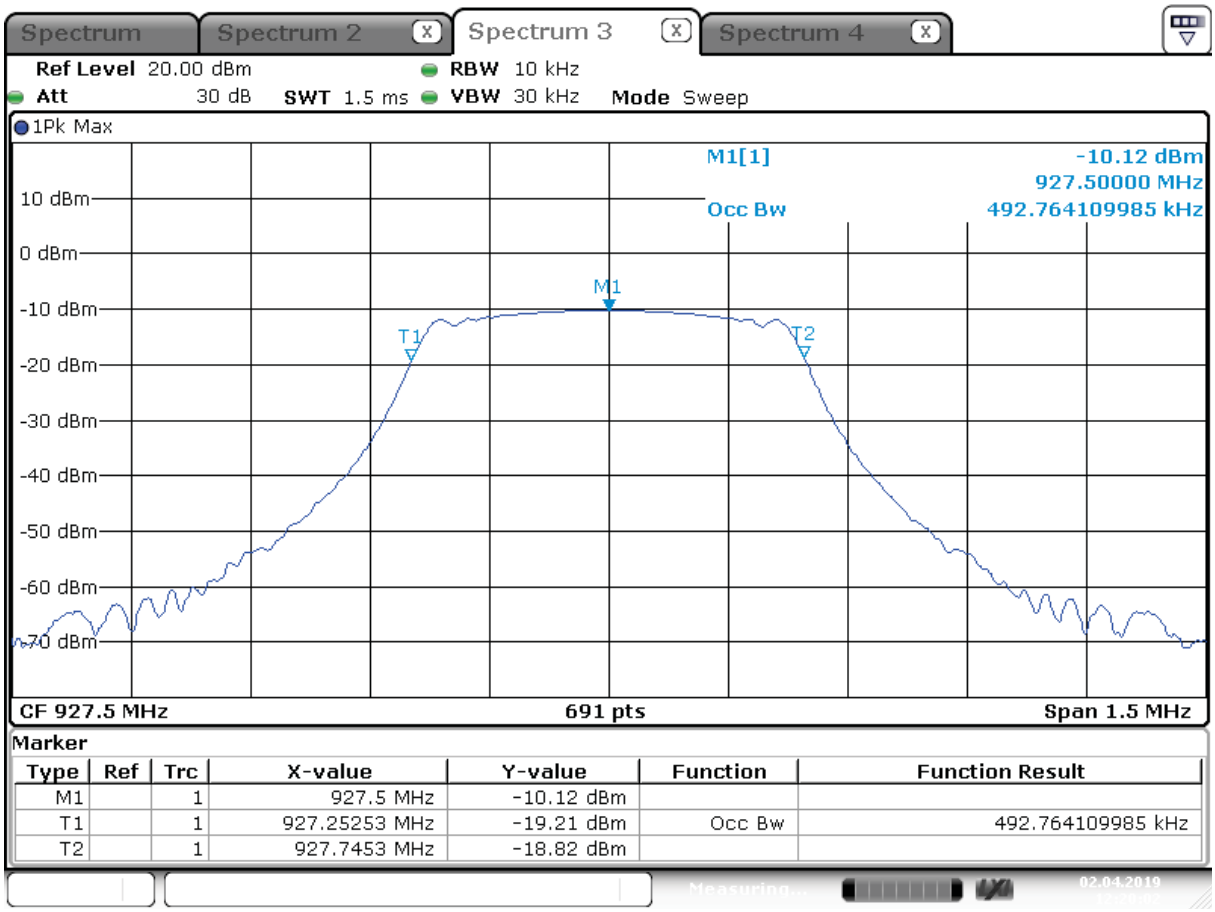
Date: 2.APR.2019 14:03:20

Frequency 925.7 MHz



Date: 2.APR.2019 13:58:37

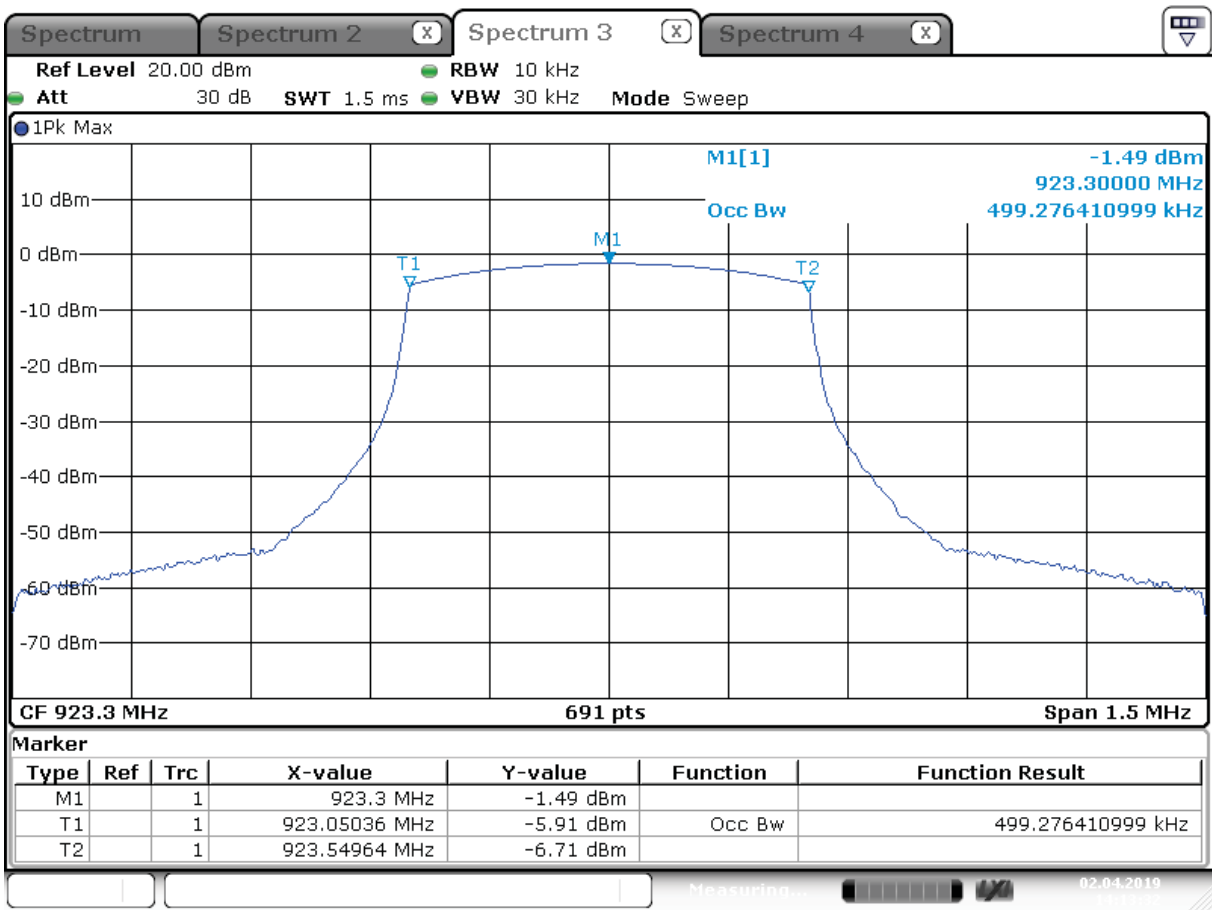
Frequency 927.5 MHz



Date: 2.APR.2019 12:20:02

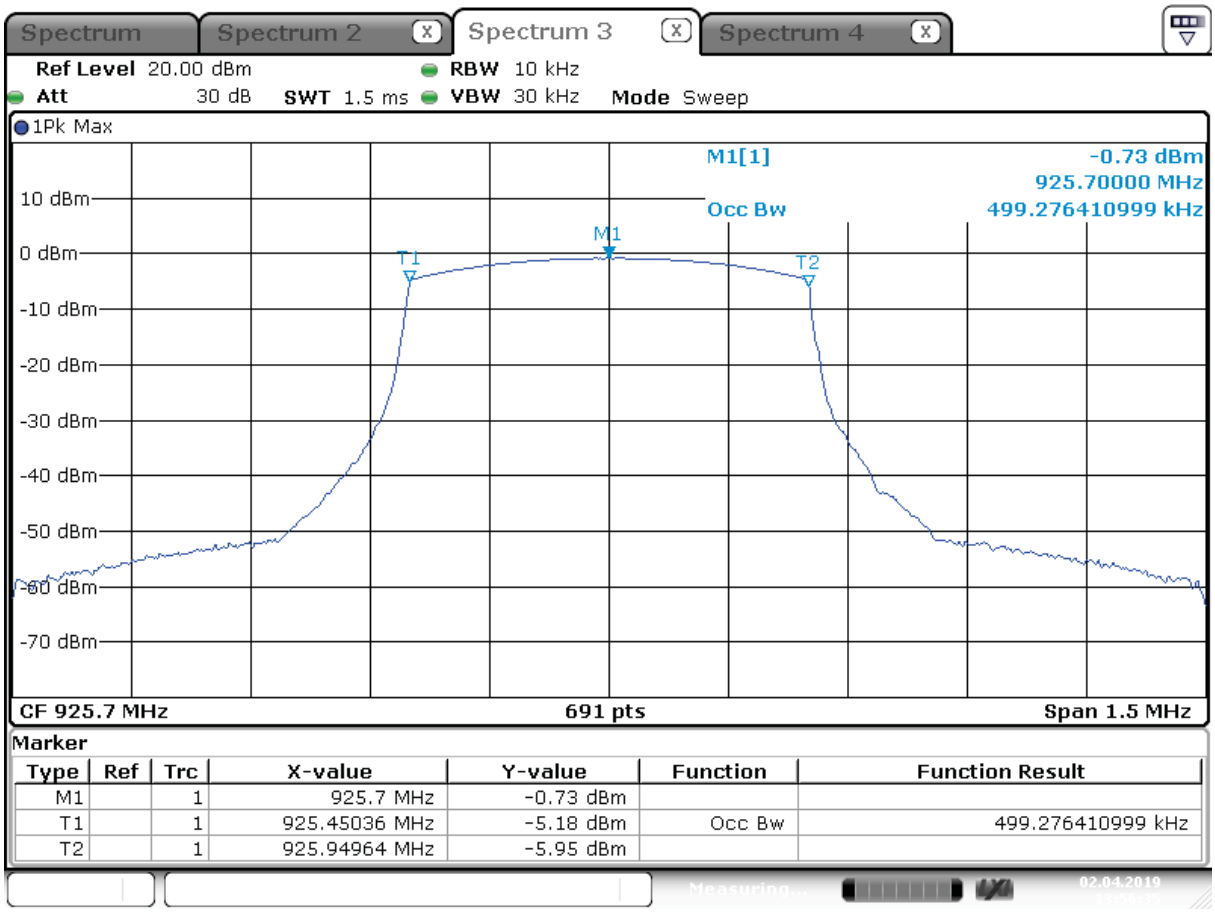
SPREAD FACTOR 12

Frequency 923.3 MHz



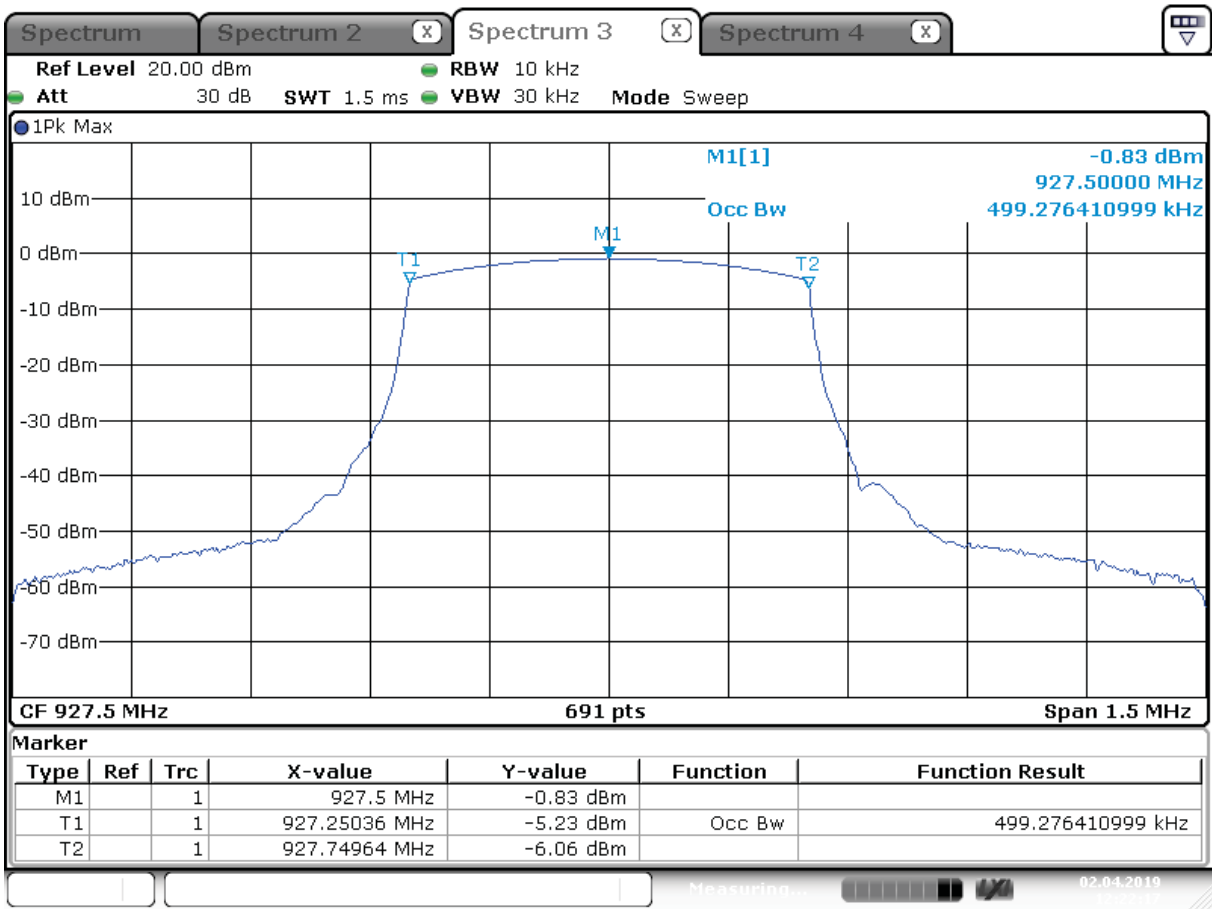
Date: 2.APR.2019 14:13:32

Frequency 925.7 MHz



Date: 2.APR.2019 13:56:35

Frequency 927.5 MHz

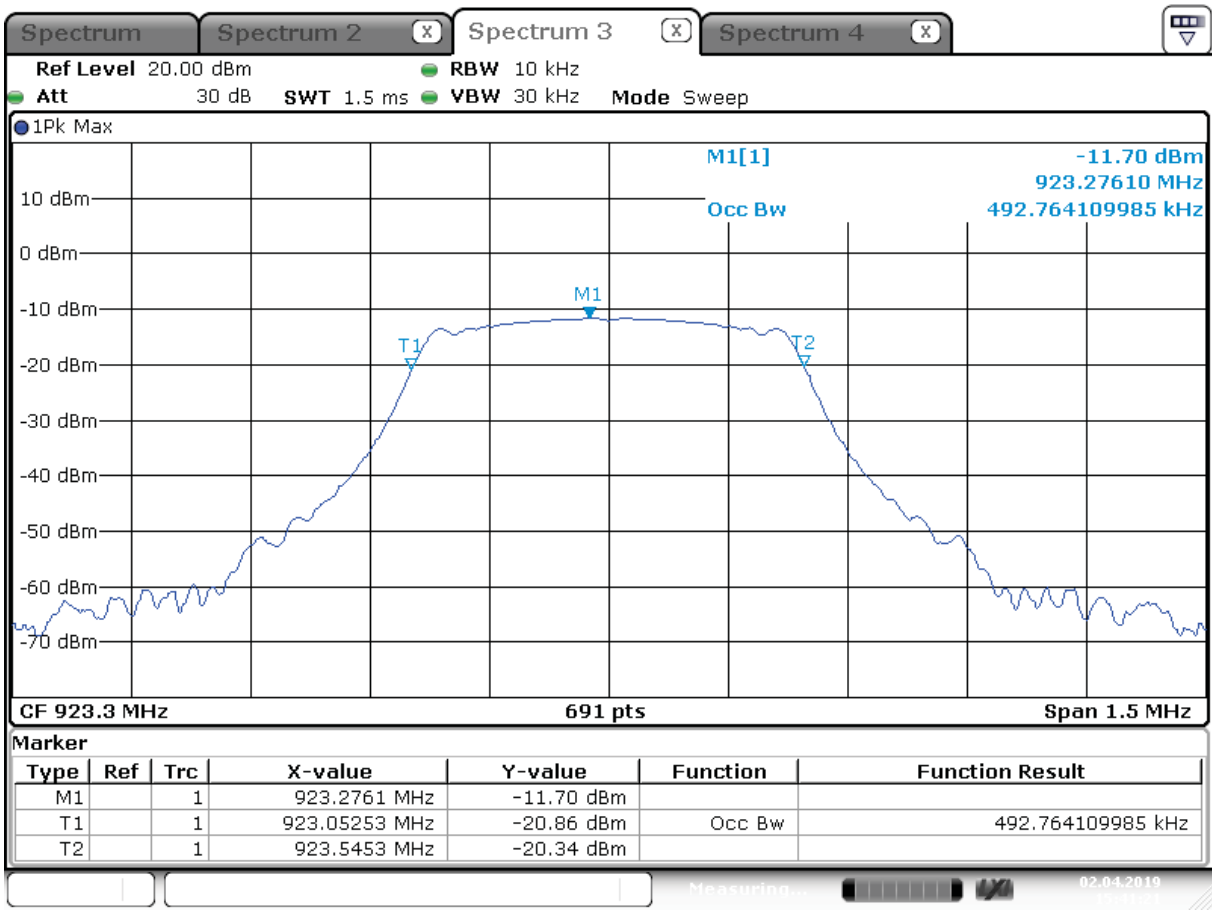


Date: 2.APR.2019 12:22:17

RF OUTPUT 2

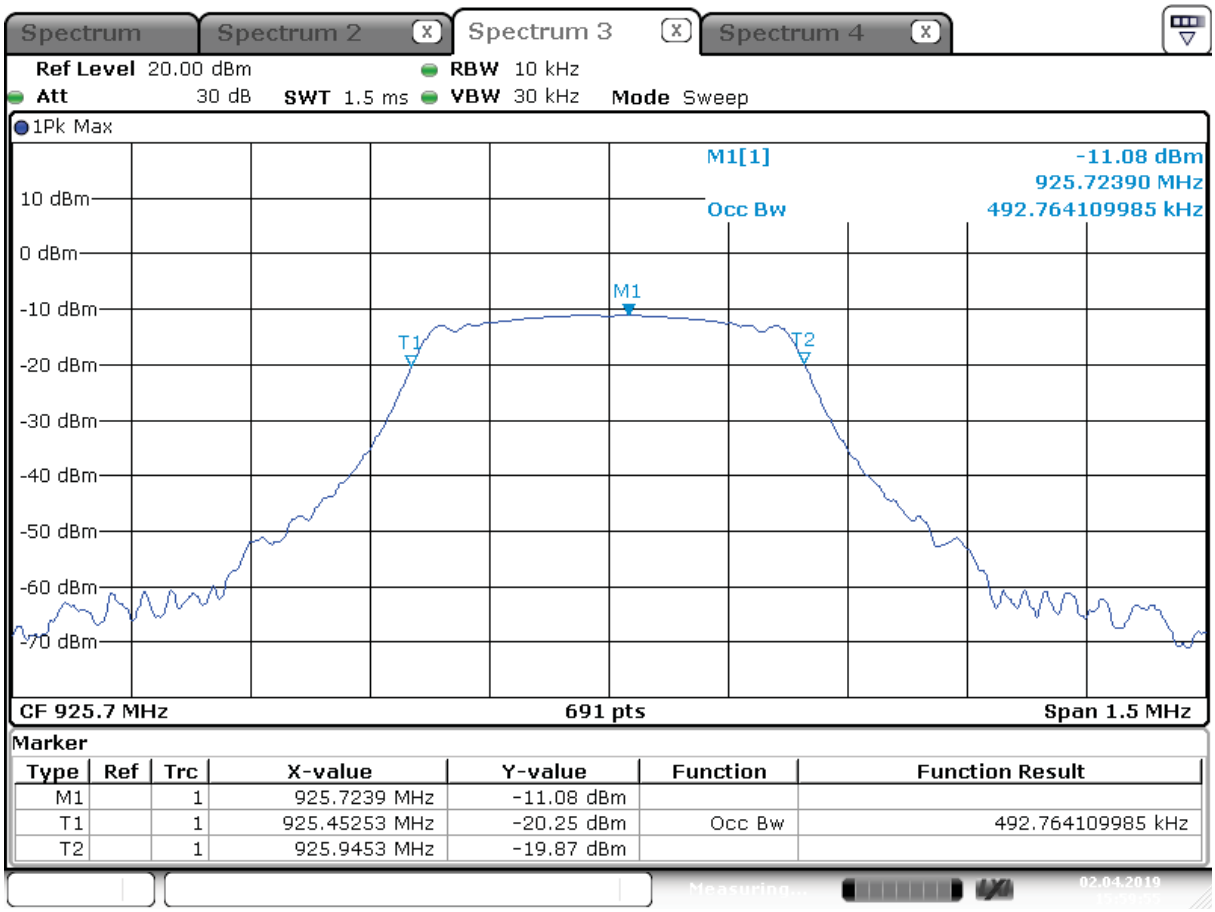
SPREAD FACTOR 7

Frequency 923.3 MHz



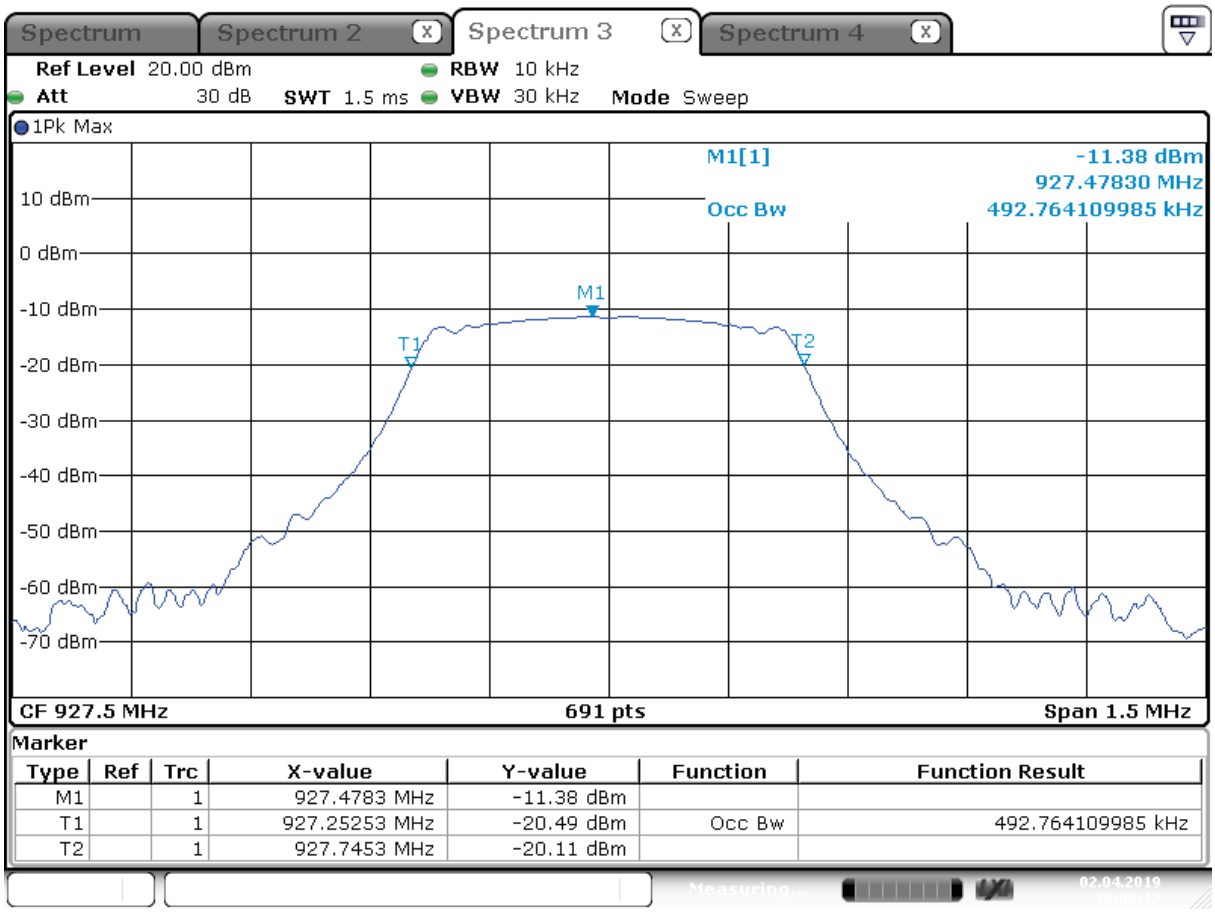
Date: 2.APR.2019 15:41:21

Frequency 925.7 MHz



Date: 2.APR.2019 15:59:56

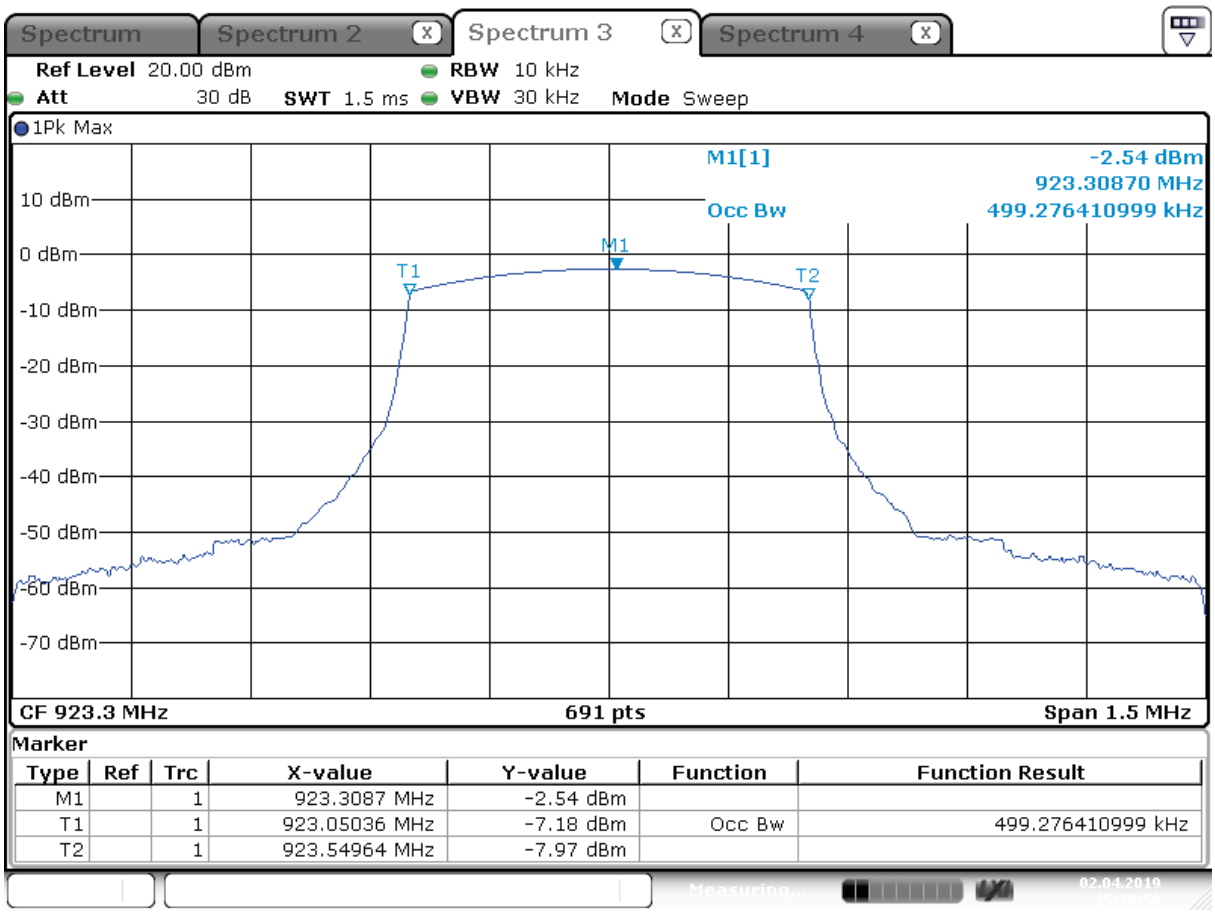
Frequency 927.5 MHz



Date: 2.APR.2019 16:09:12

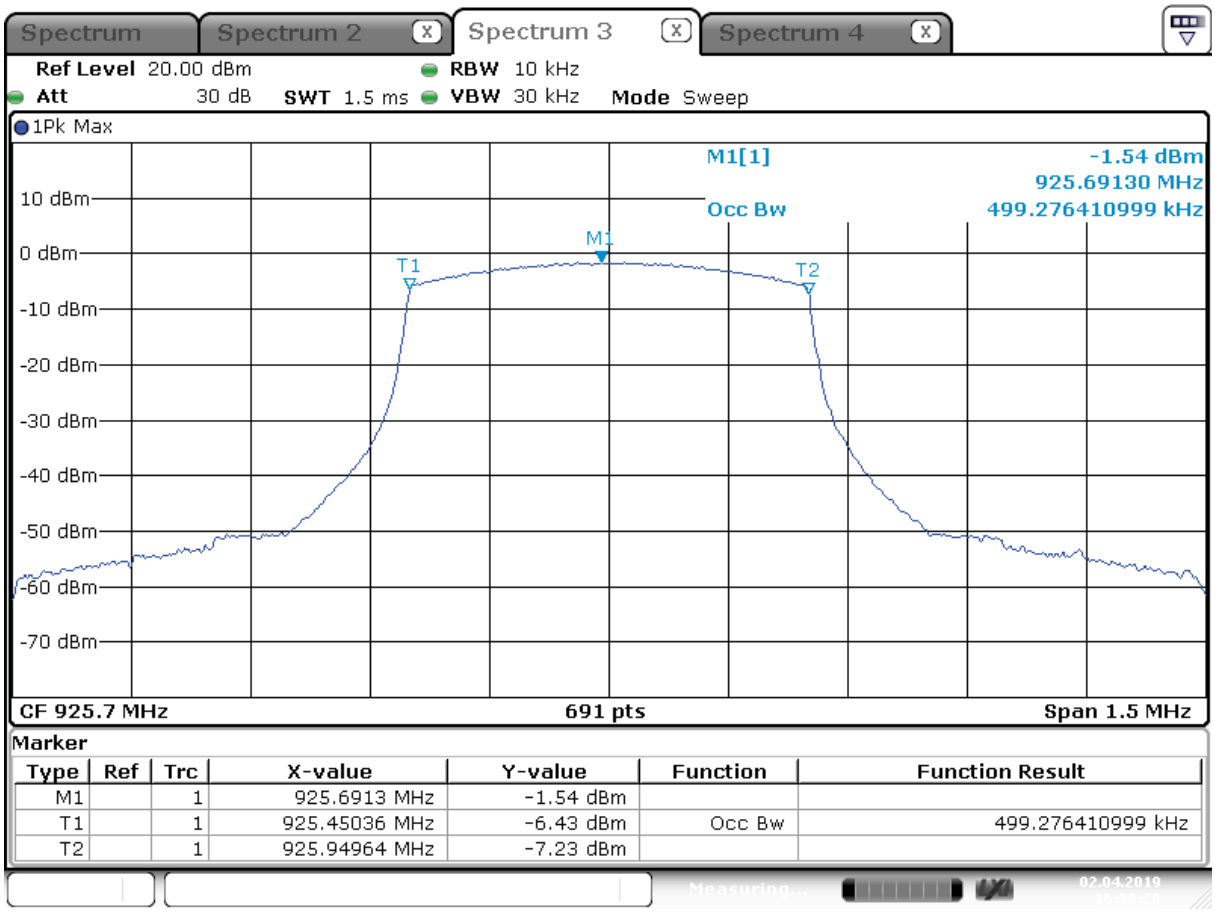
SPREAD FACTOR 12

Frequency 923.3 MHz



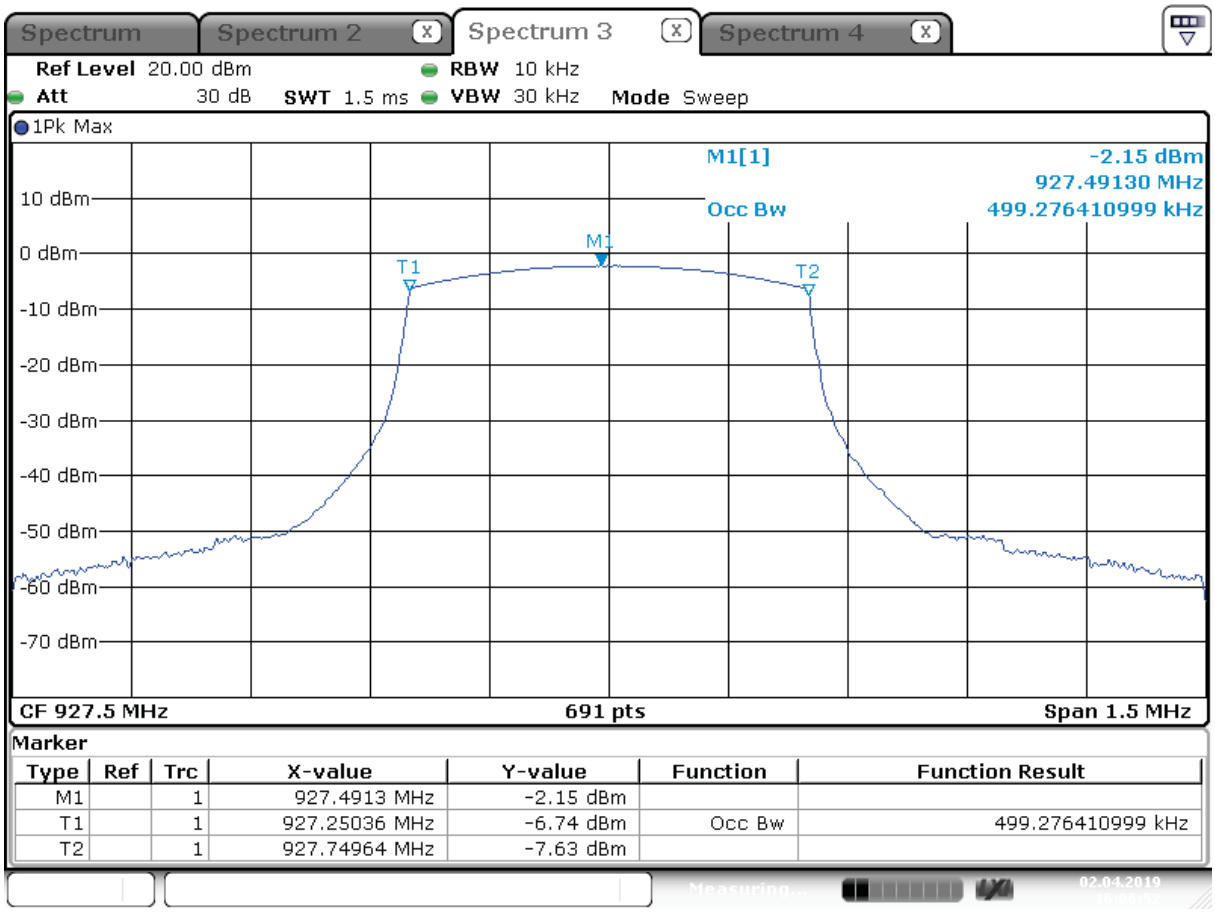
Date: 2.APR.2019 15:38:59

Frequency 925.7 MHz



Date: 2.APR.2019 16:00:29

Frequency 927.5 MHz



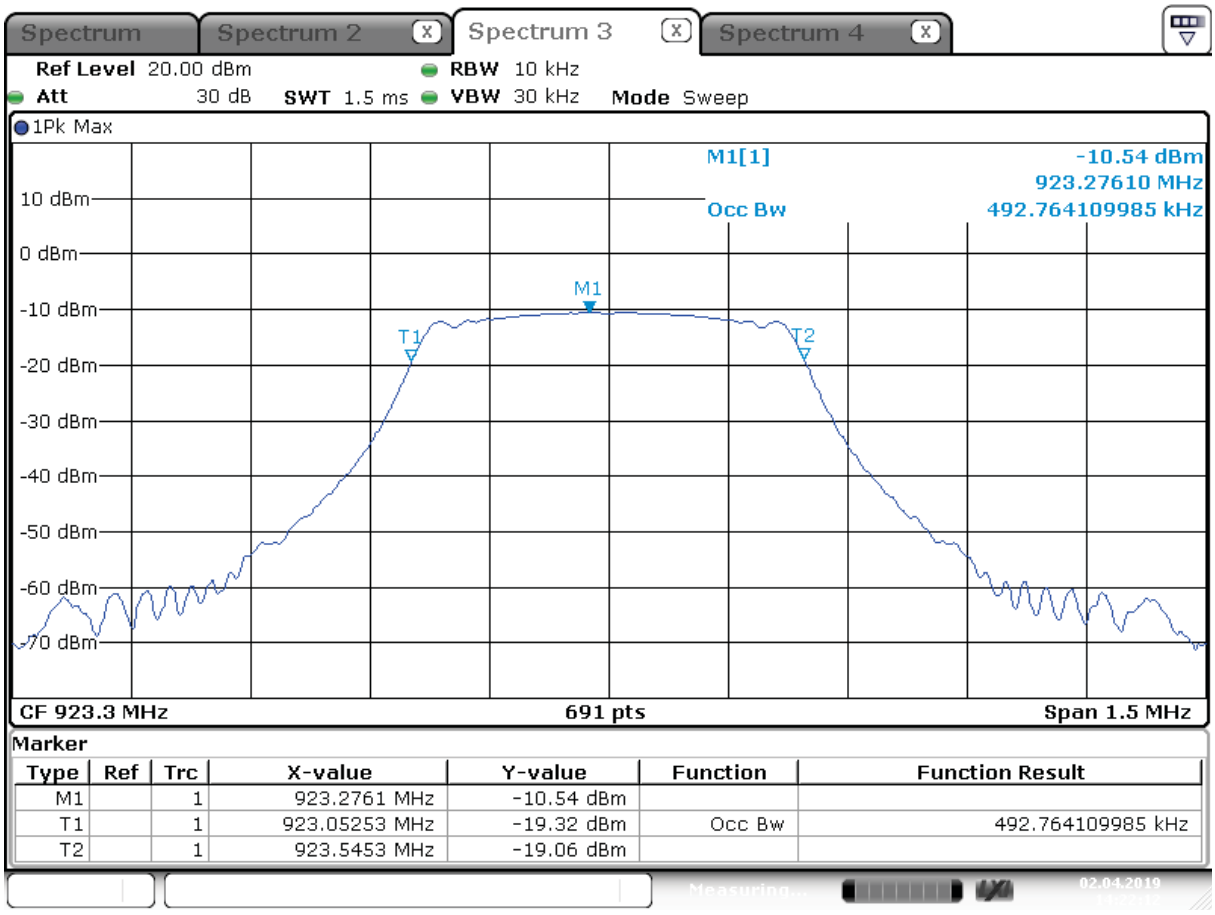
Date: 2.APR.2019 16:06:52

Module 4

RF OUTPUT 1

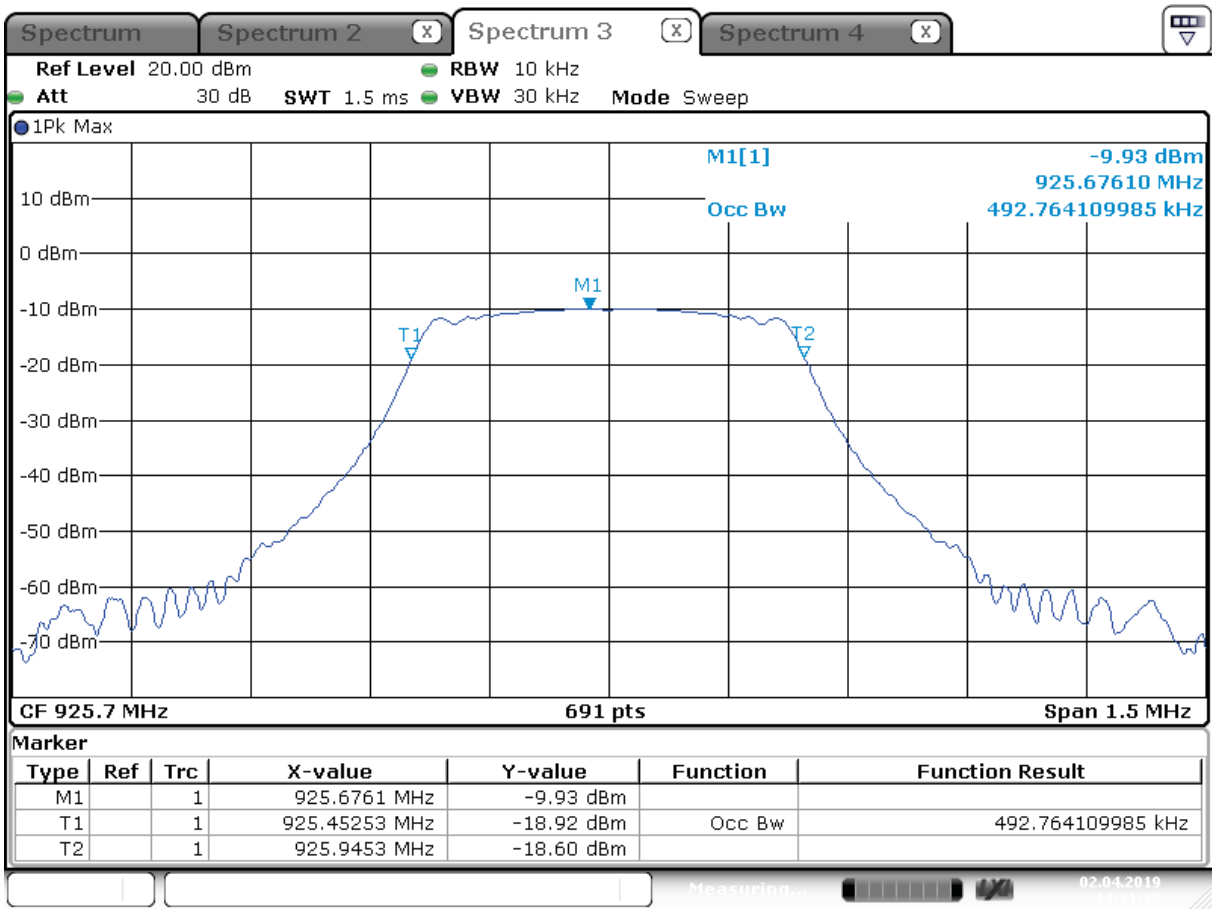
SPREAD FACTOR 7

Frequency 923.3 MHz



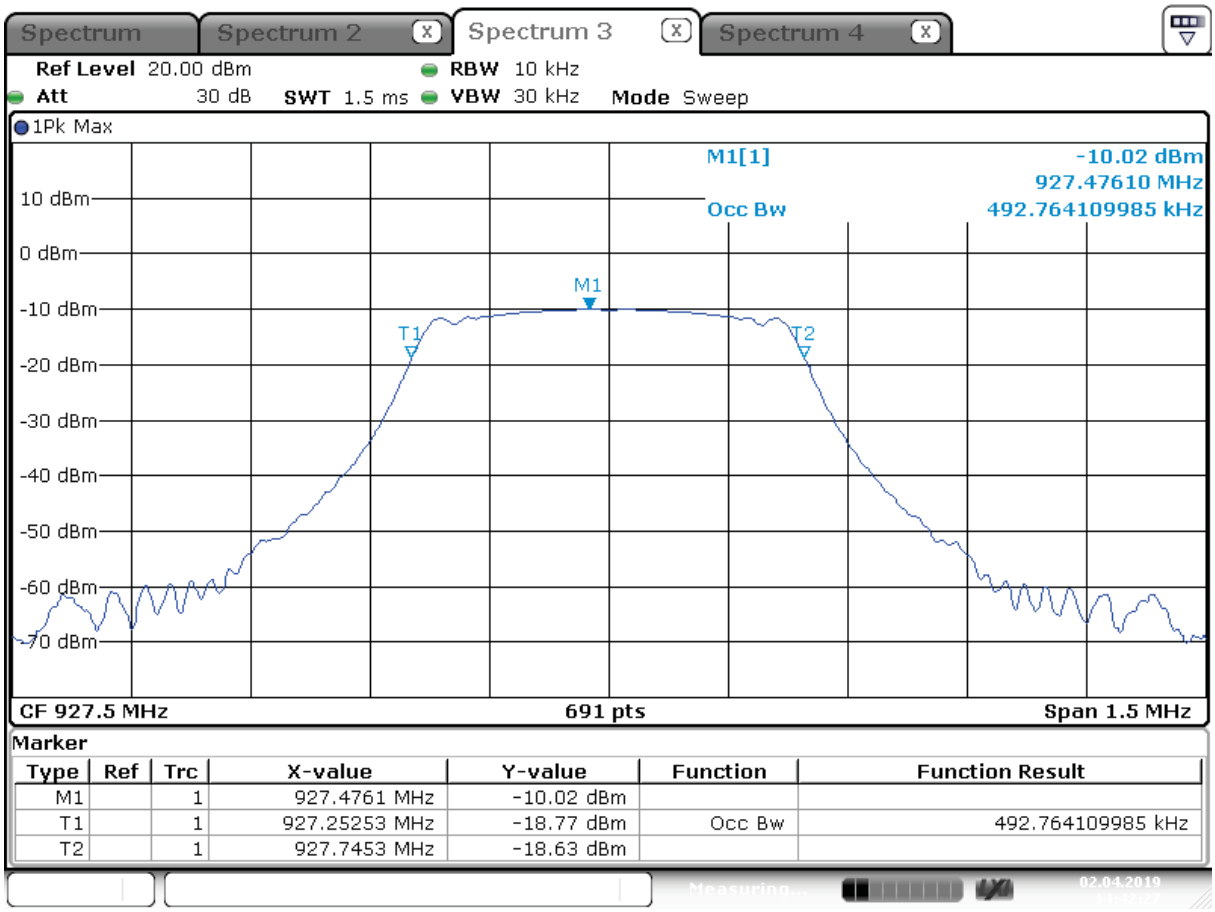
Date: 2.APR.2019 14:22:12

Frequency 925.7 MHz



Date: 2.APR.2019 14:31:31

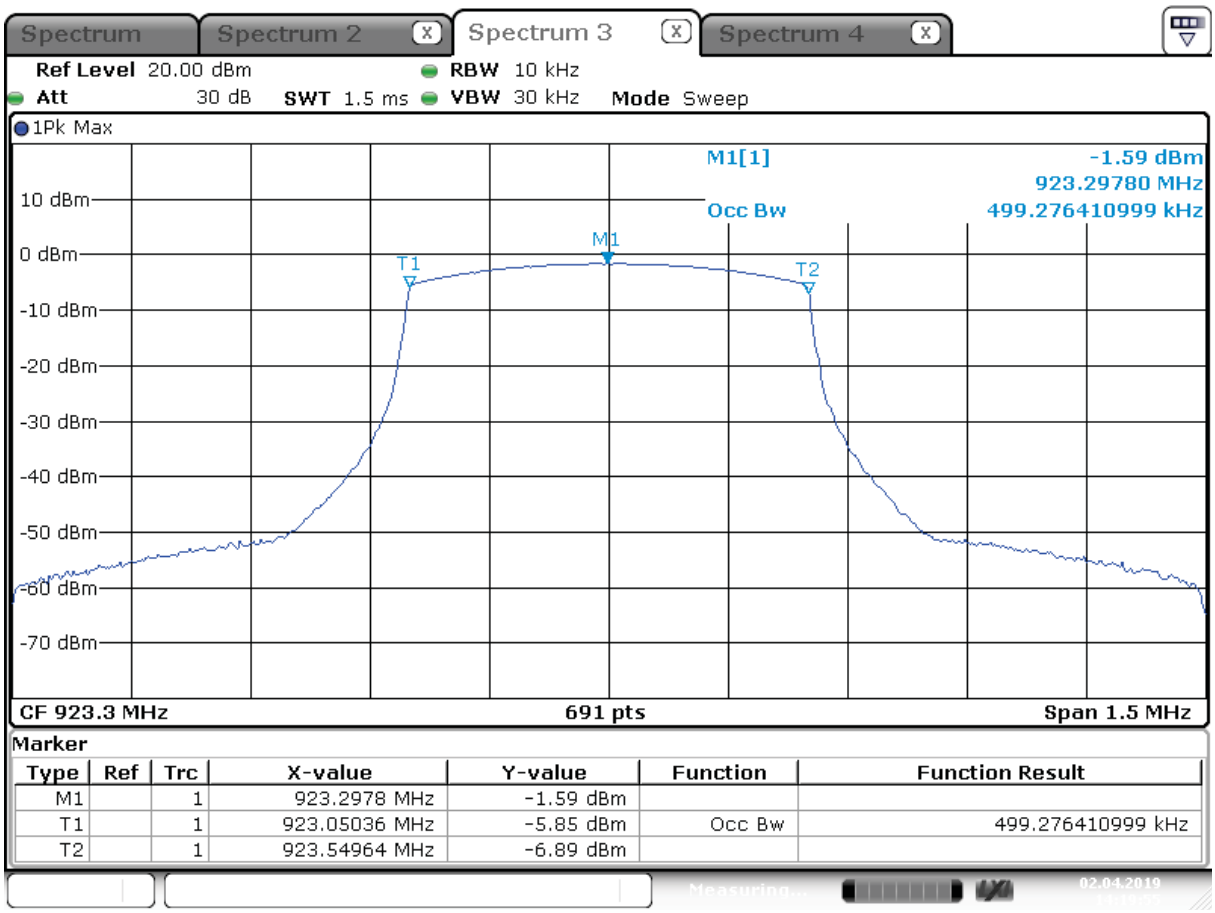
Frequency 927.5 MHz



Date: 2.APR.2019 14:42:27

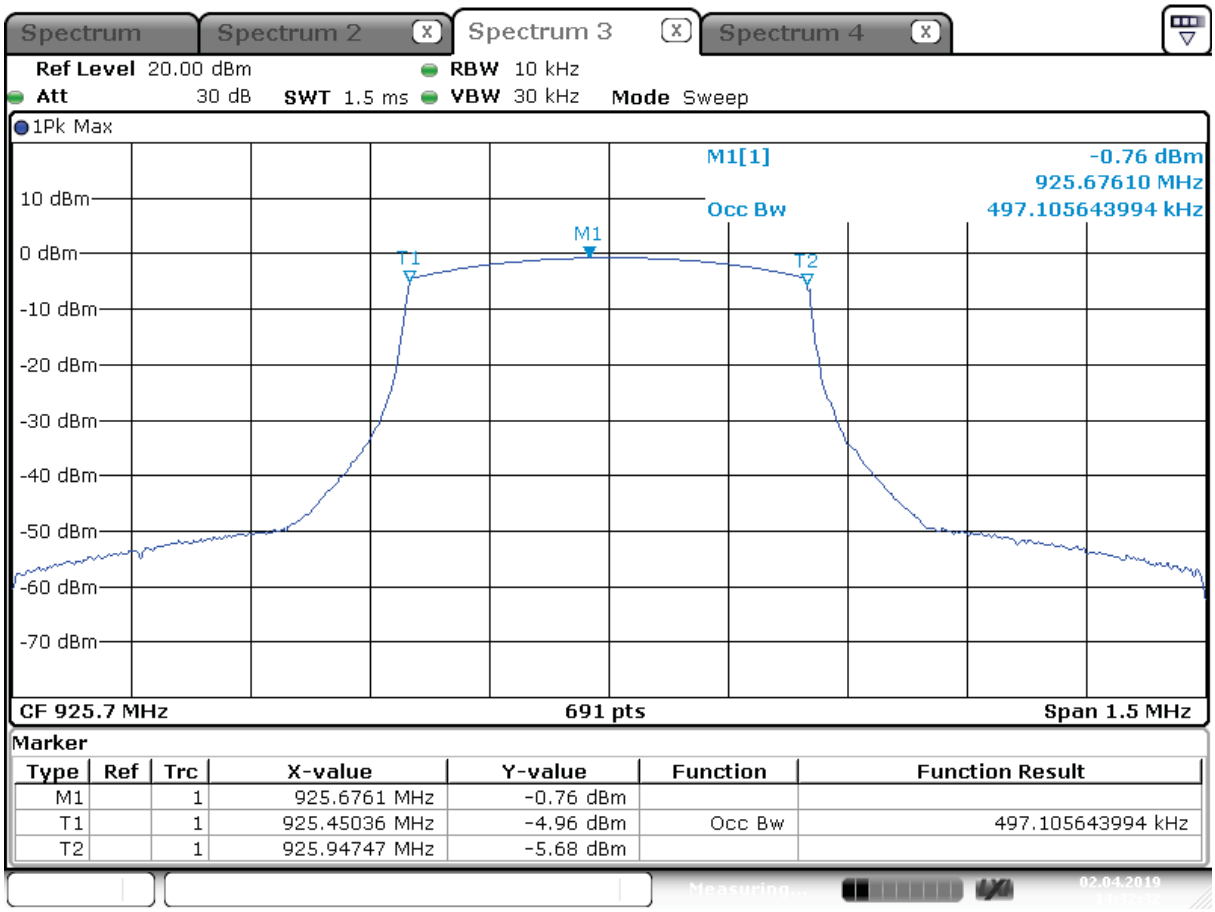
SPREAD FACTOR 12

Frequency 923.3 MHz



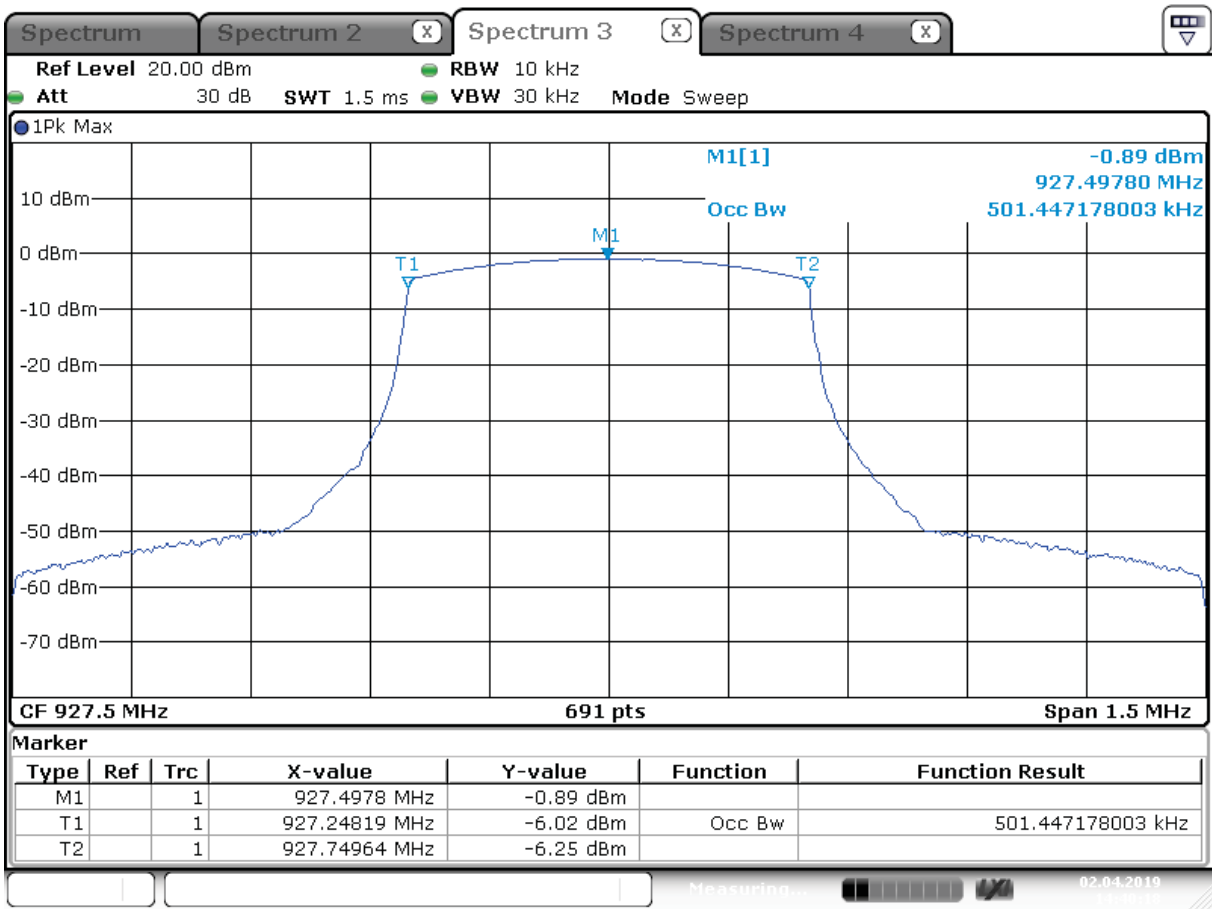
Date: 2.APR.2019 14:19:55

Frequency 925.7 MHz



Date: 2.APR.2019 14:32:33

Frequency 927.5 MHz

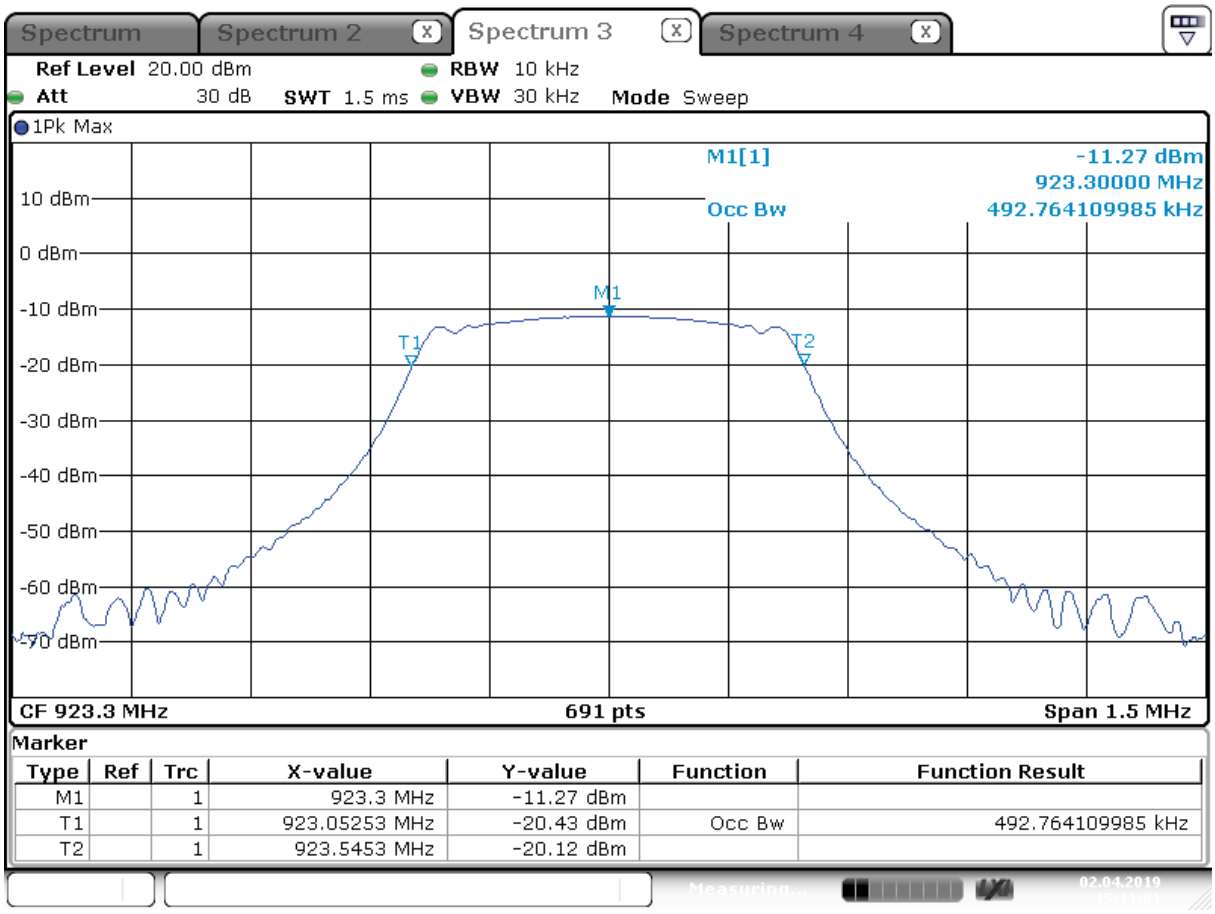


Date: 2.APR.2019 14:40:19

RF OUTPUT 2

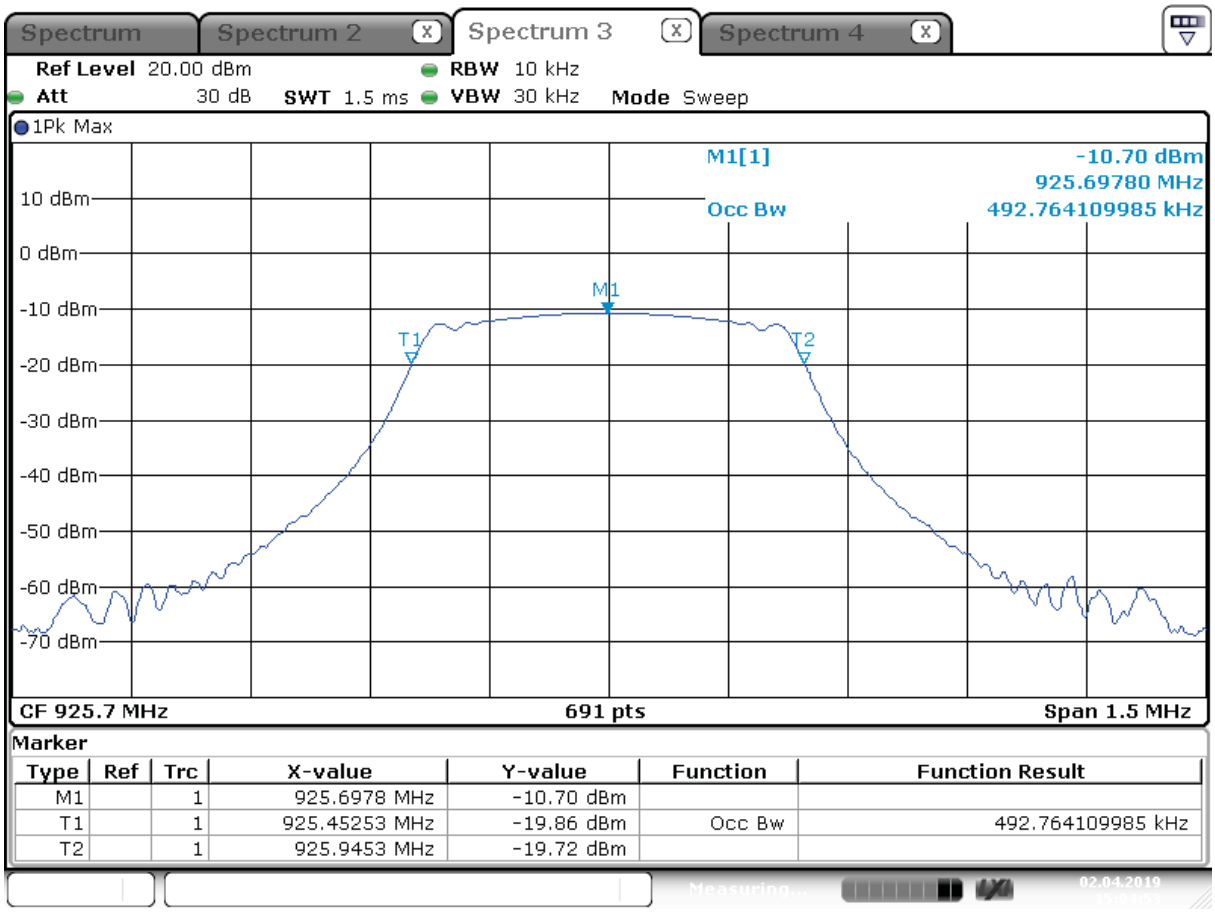
SPREAD FACTOR 7

Frequency 923.3 MHz



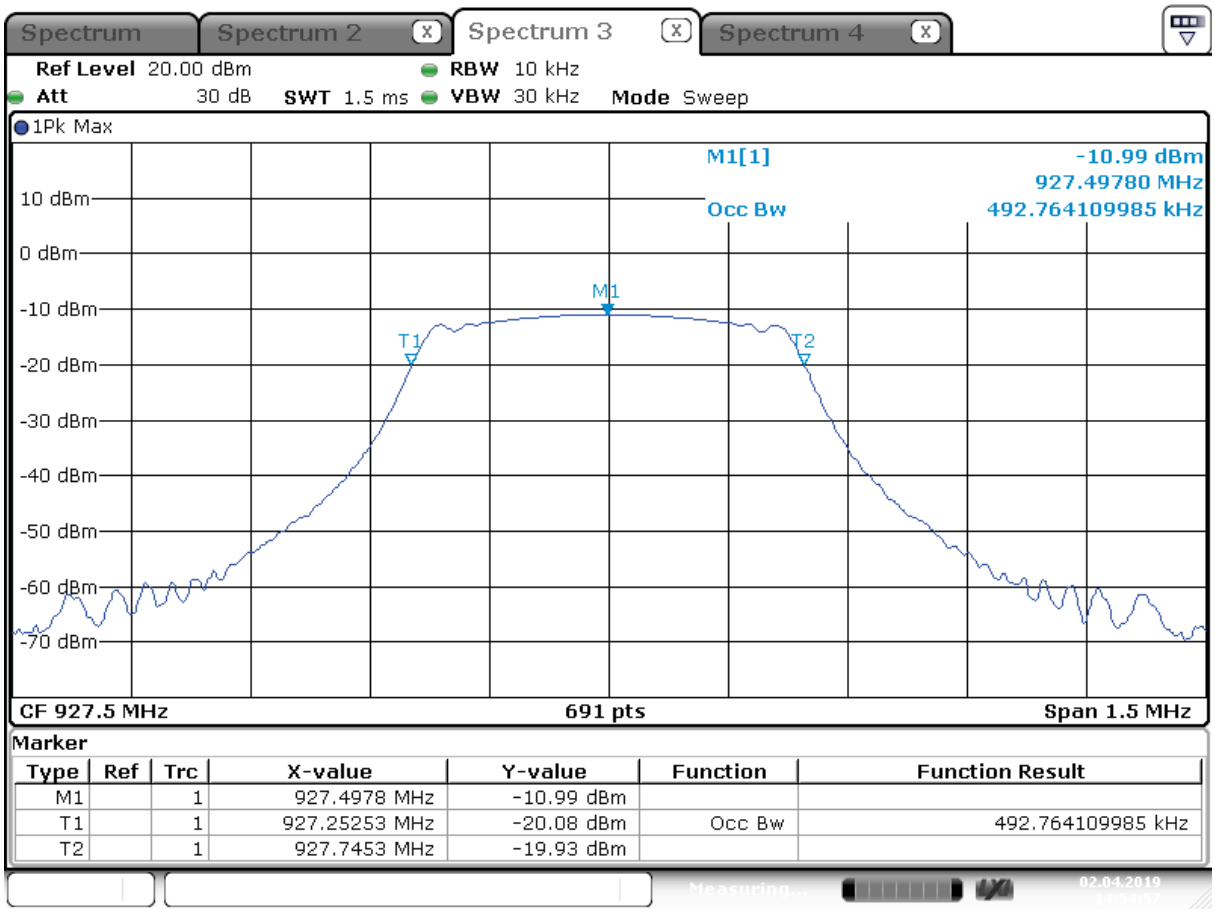
Date: 2.APR.2019 15:11:01

Frequency 925.7 MHz



Date: 2.APR.2019 15:04:53

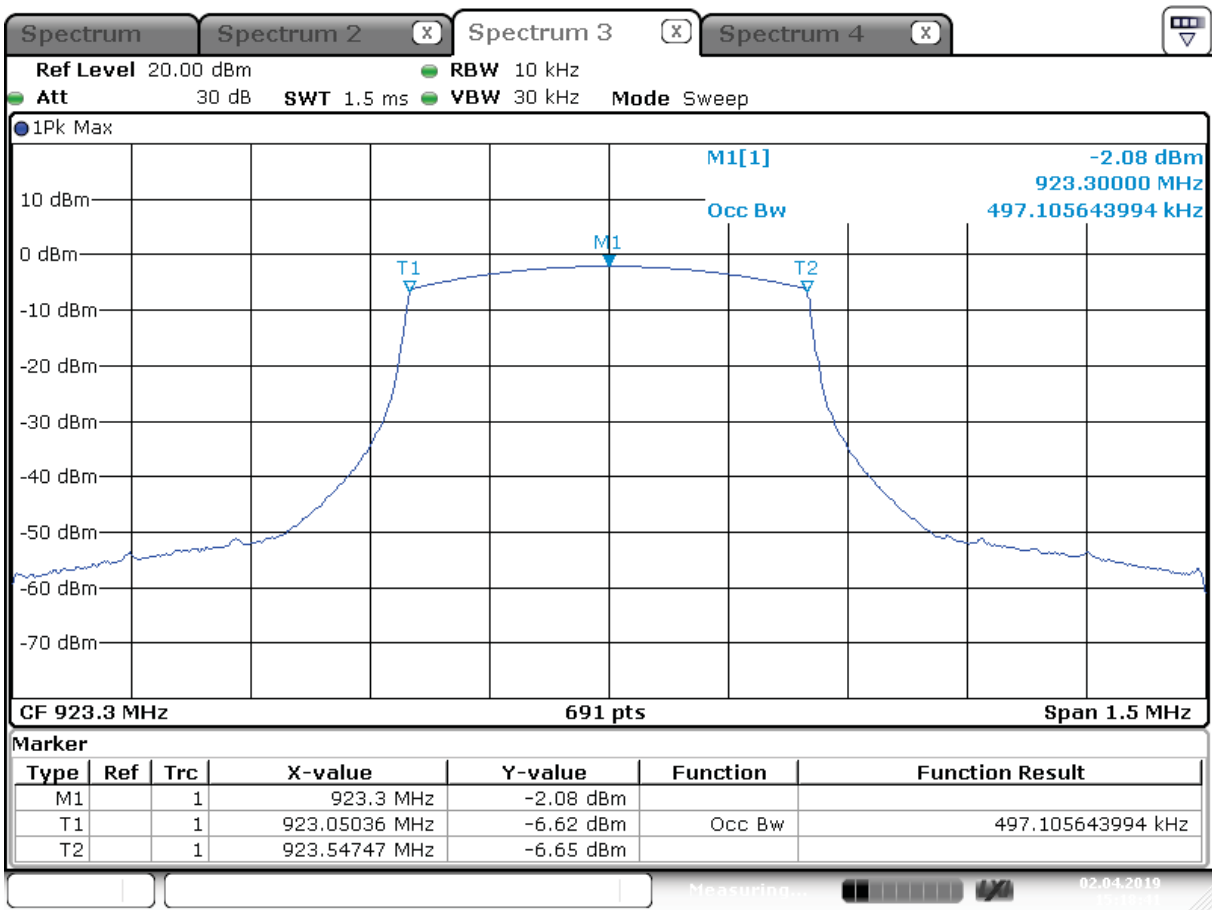
Frequency 927.5 MHz



Date: 2.APR.2019 14:54:58

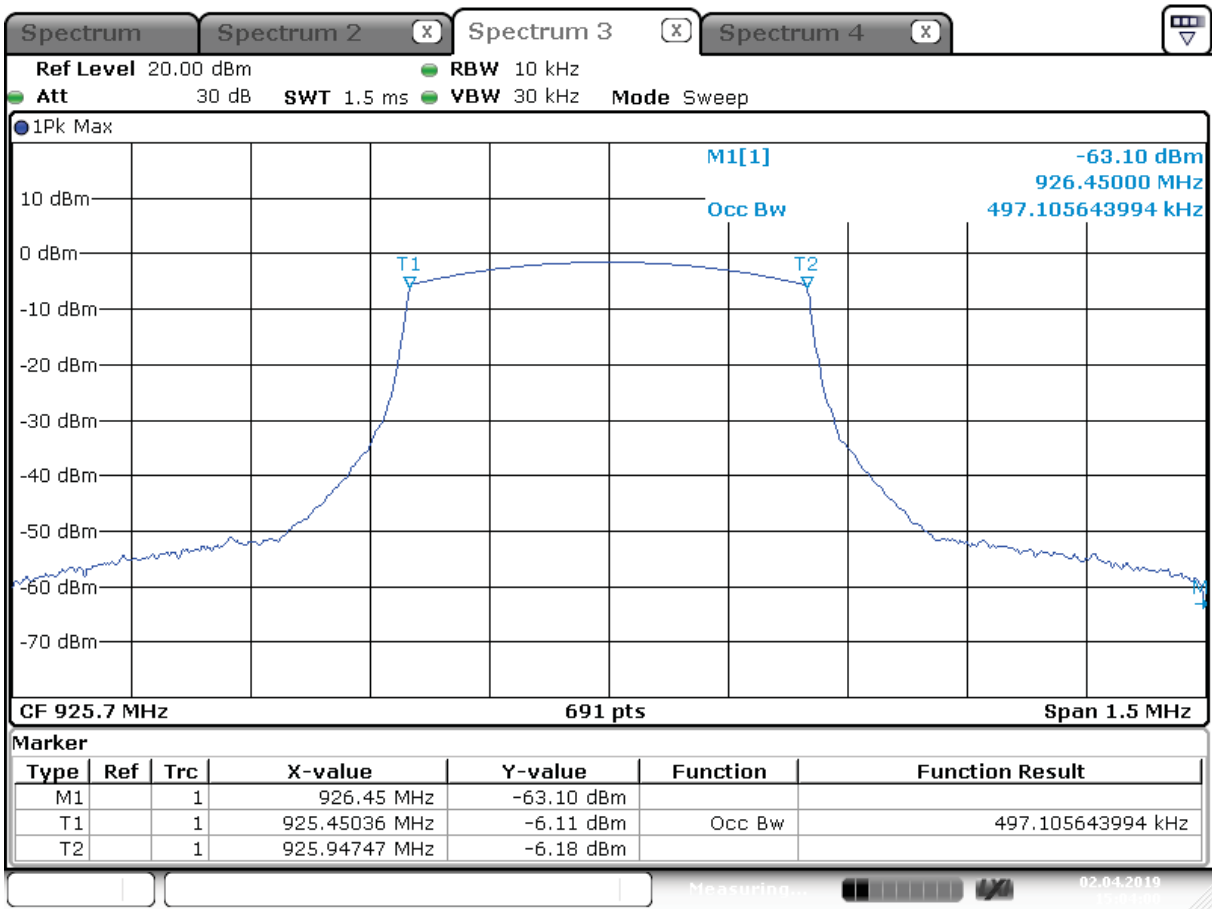
SPREAD FACTOR 12

Frequency 923.3 MHz



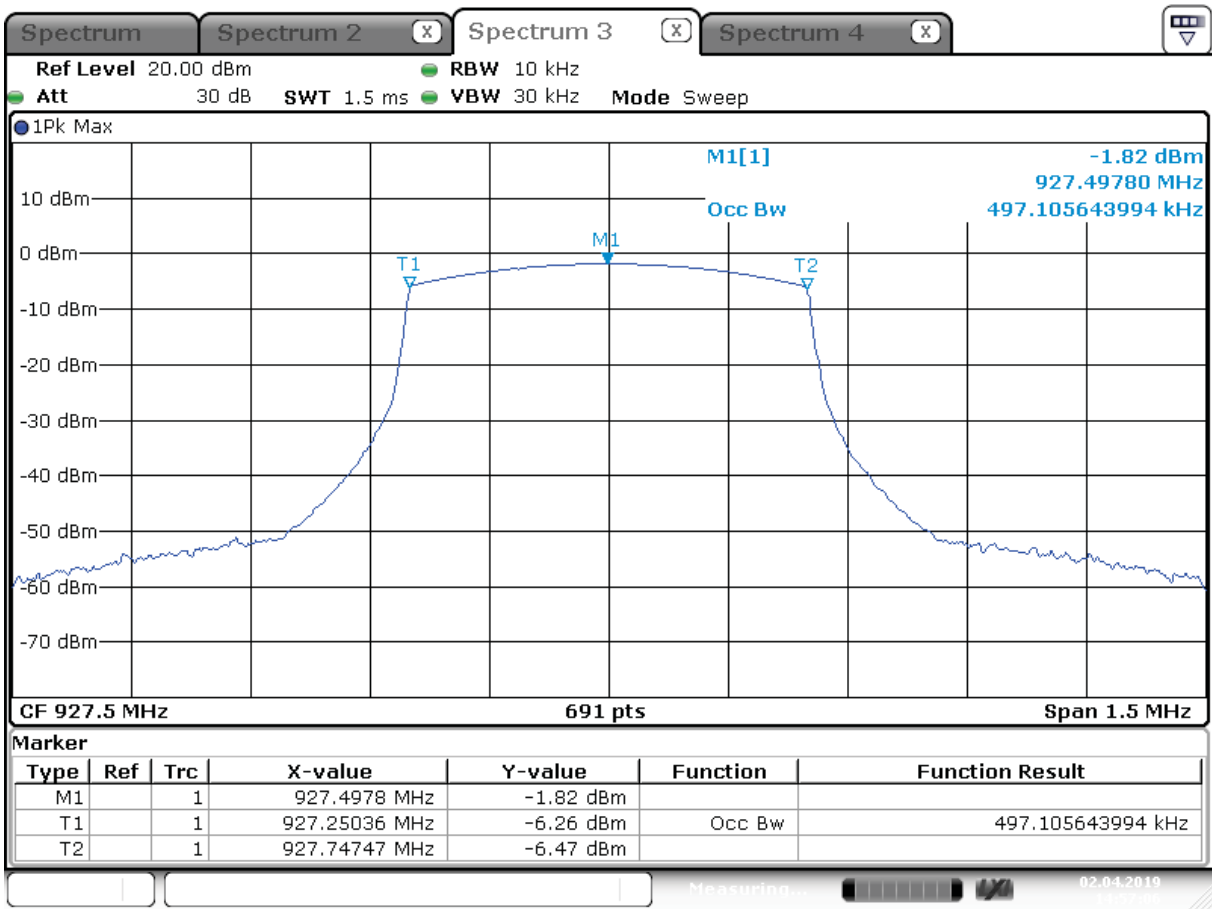
Date: 2.APR.2019 15:18:41

Frequency 925.7 MHz



Date: 2.APR.2019 15:04:00

Frequency 927.5 MHz



Date: 2.APR.2019 14:57:06

APPENDIX 6: Band edge

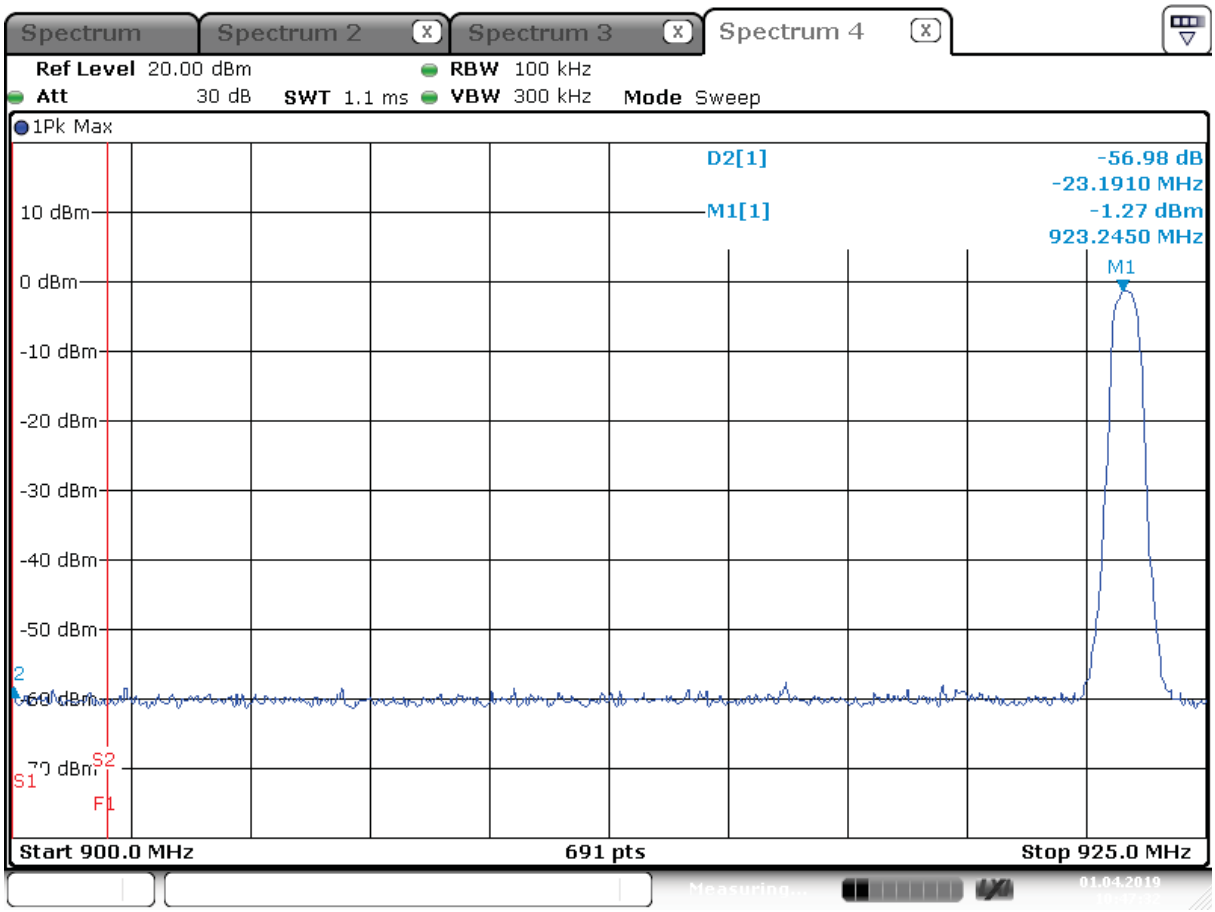
All measurement are realized with 30dBm

Module 1

RF OUTPUT 1

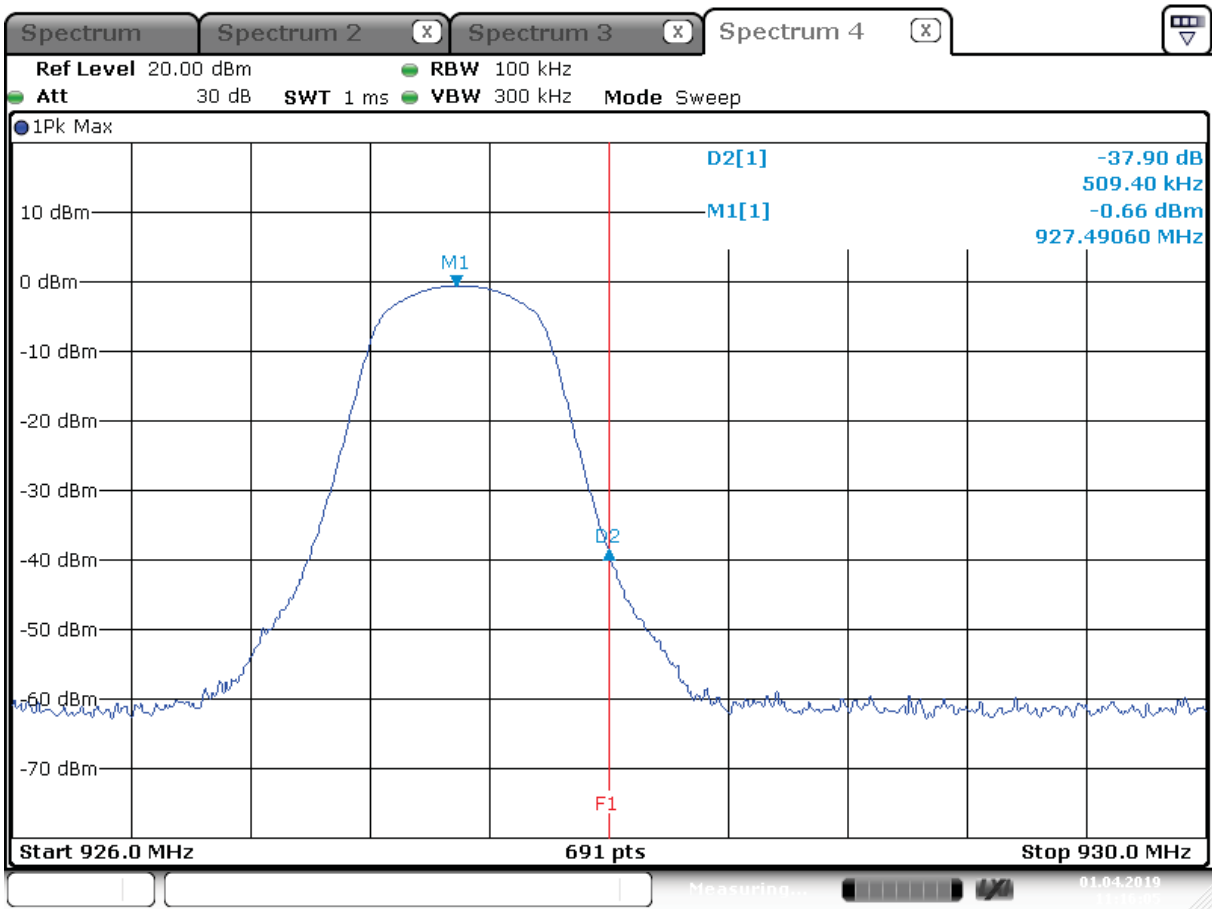
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 1.APR.2019 10:47:33

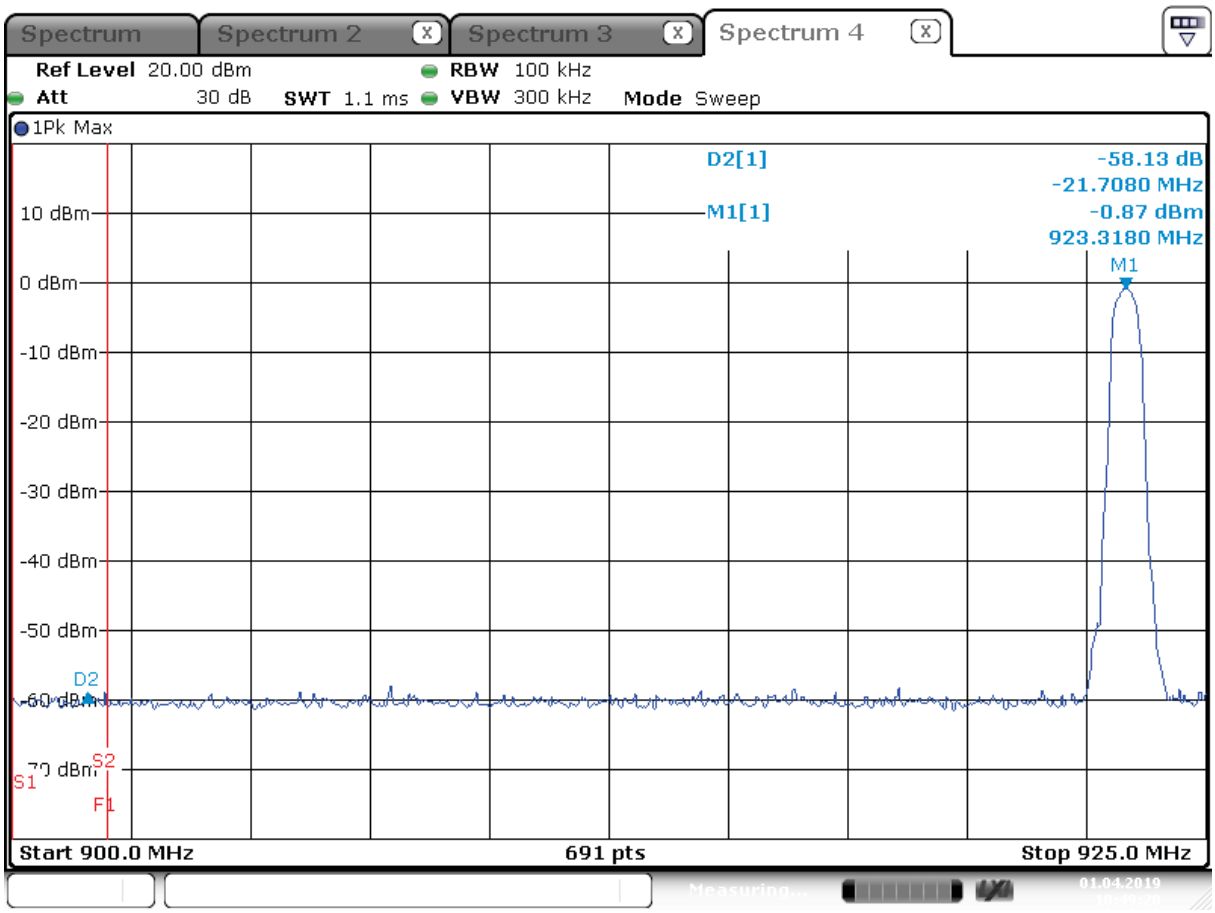
Frequency 927.5 MHz



Date: 1.APR.2019 11:16:05

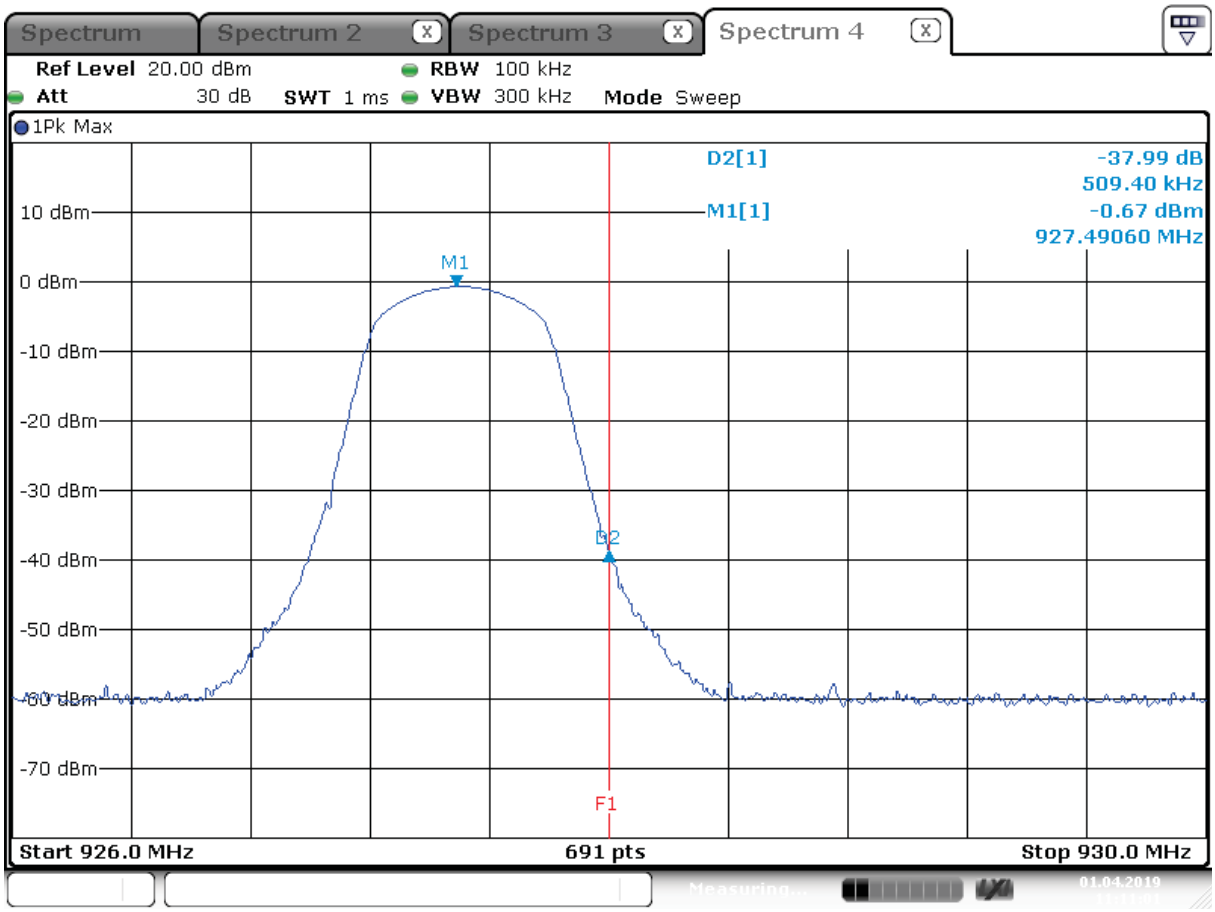
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 1.APR.2019 10:49:20

Frequency 927.5 MHz

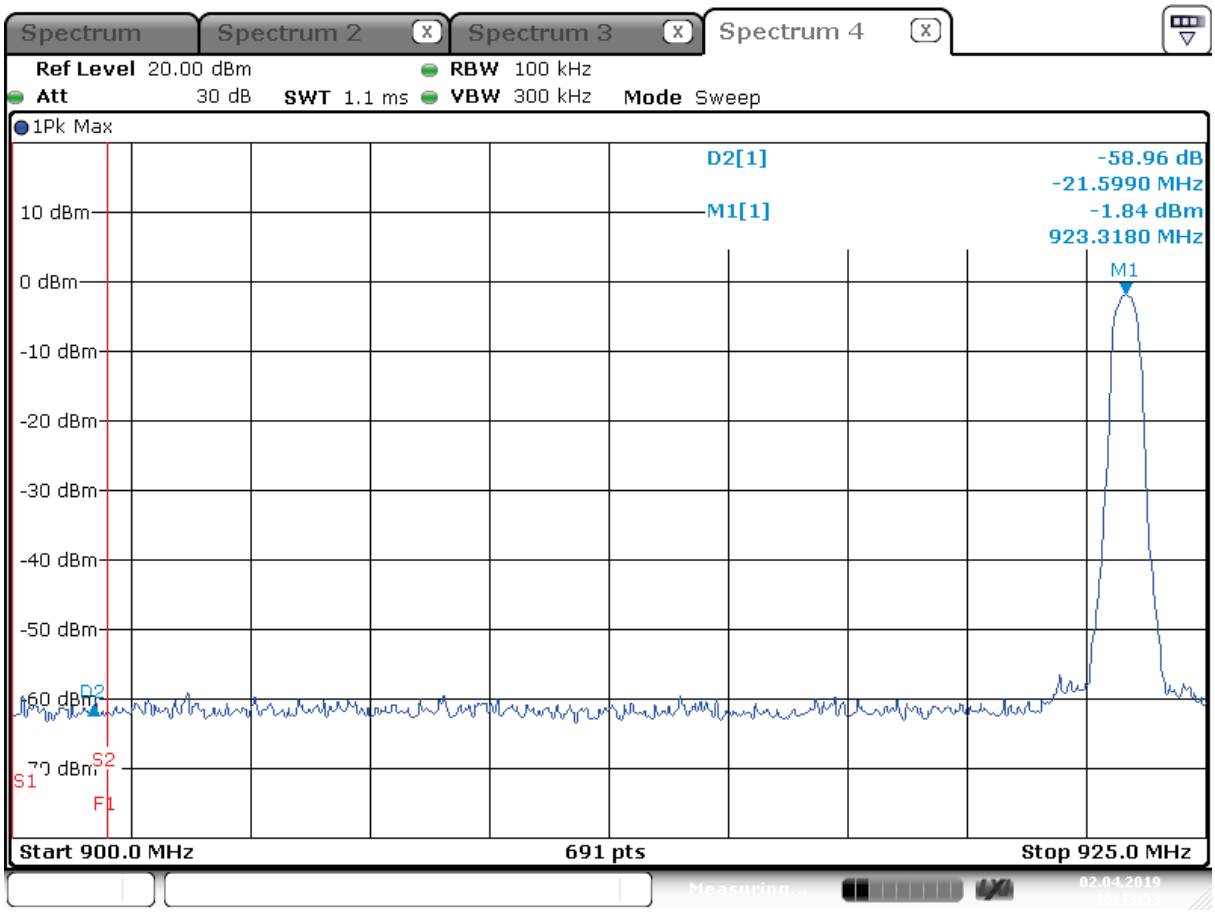


Date: 1.APR.2019 11:11:02

RF OUTPUT 2

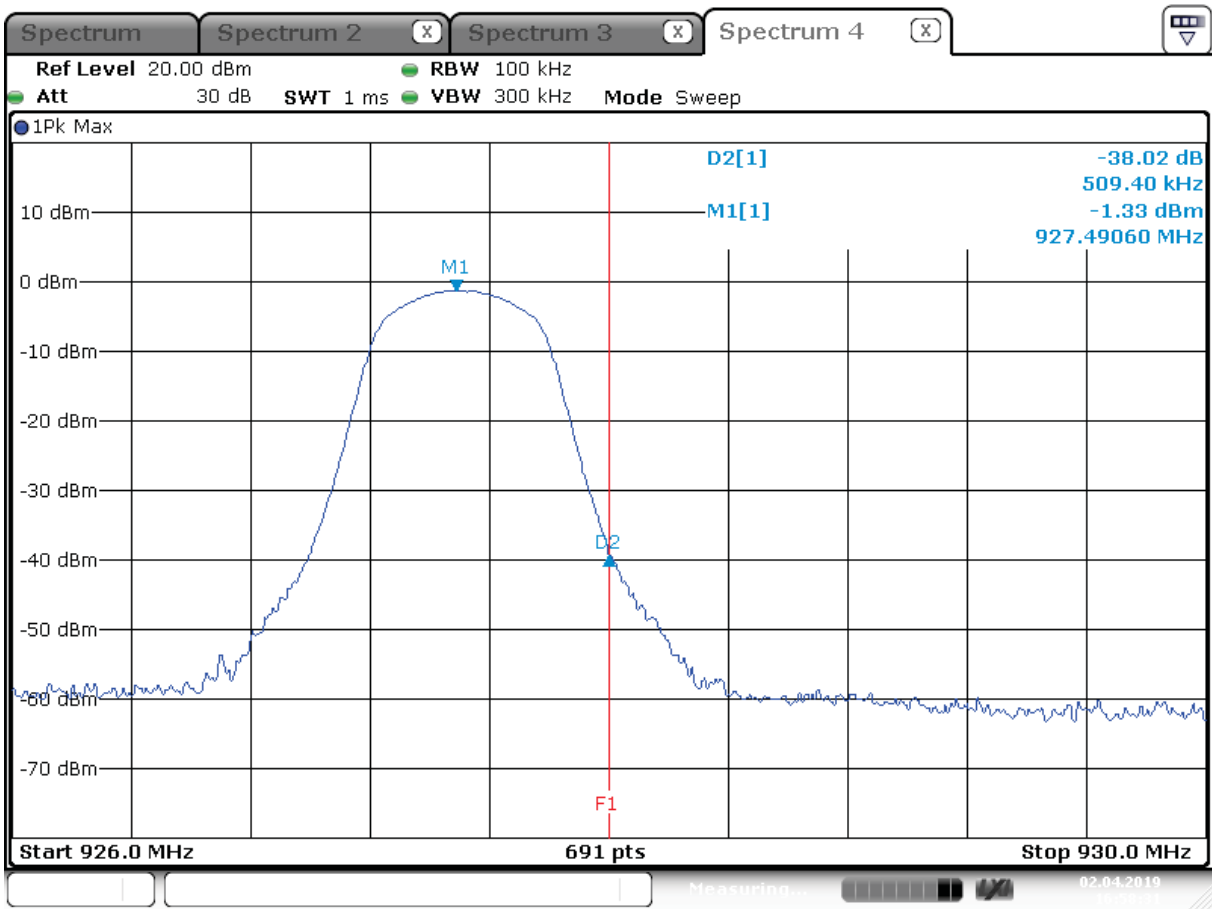
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 16:43:54

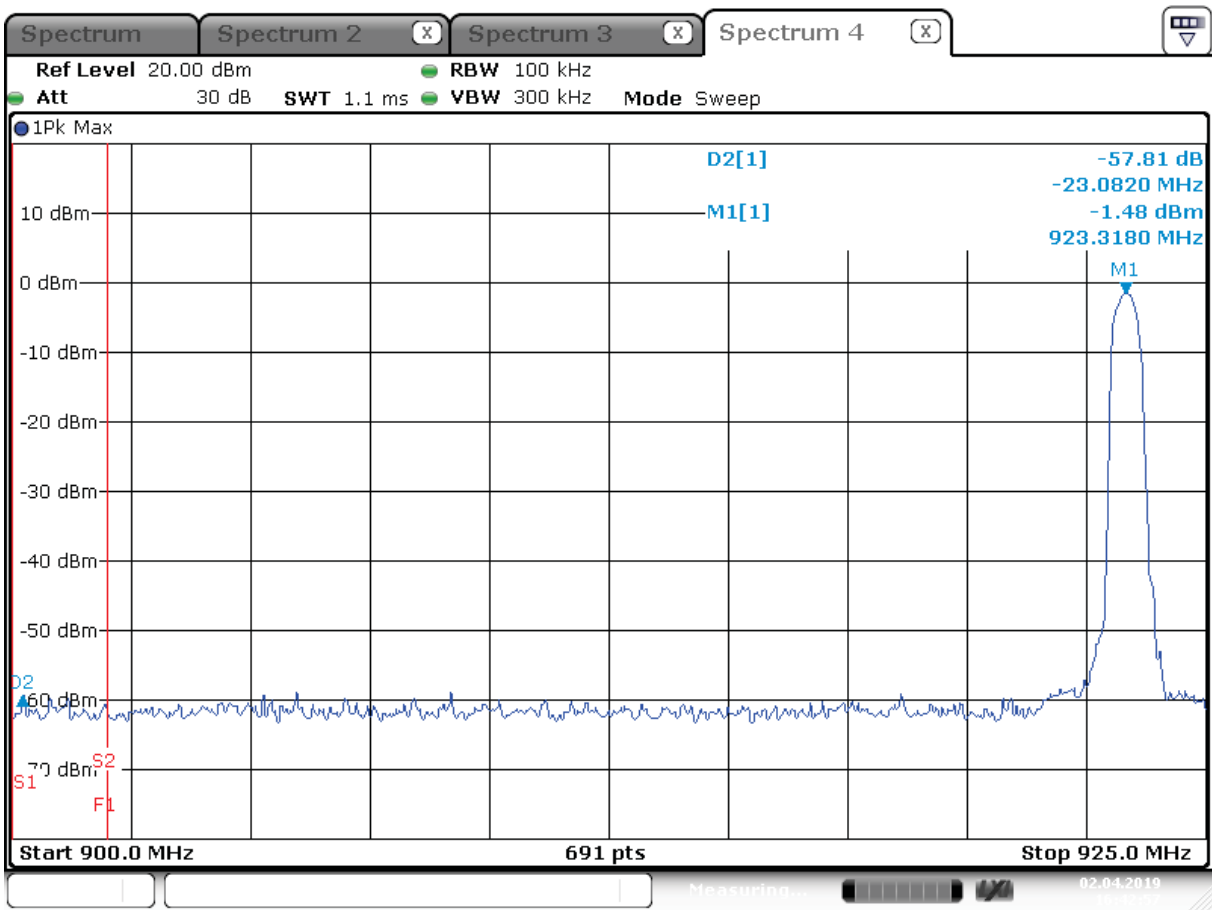
Frequency 927.5 MHz



Date: 2.APR.2019 16:58:32

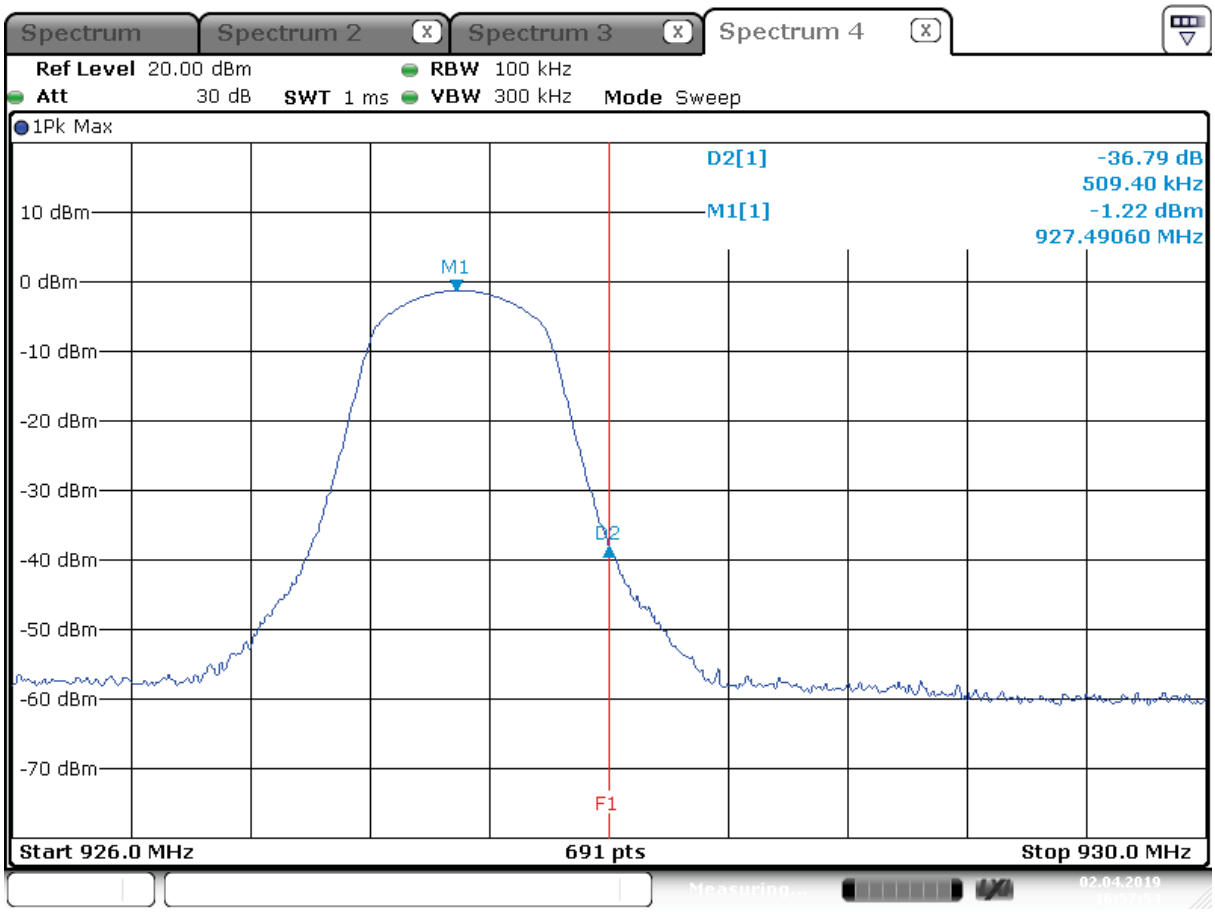
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 16:42:57

Frequency 927.5 MHz



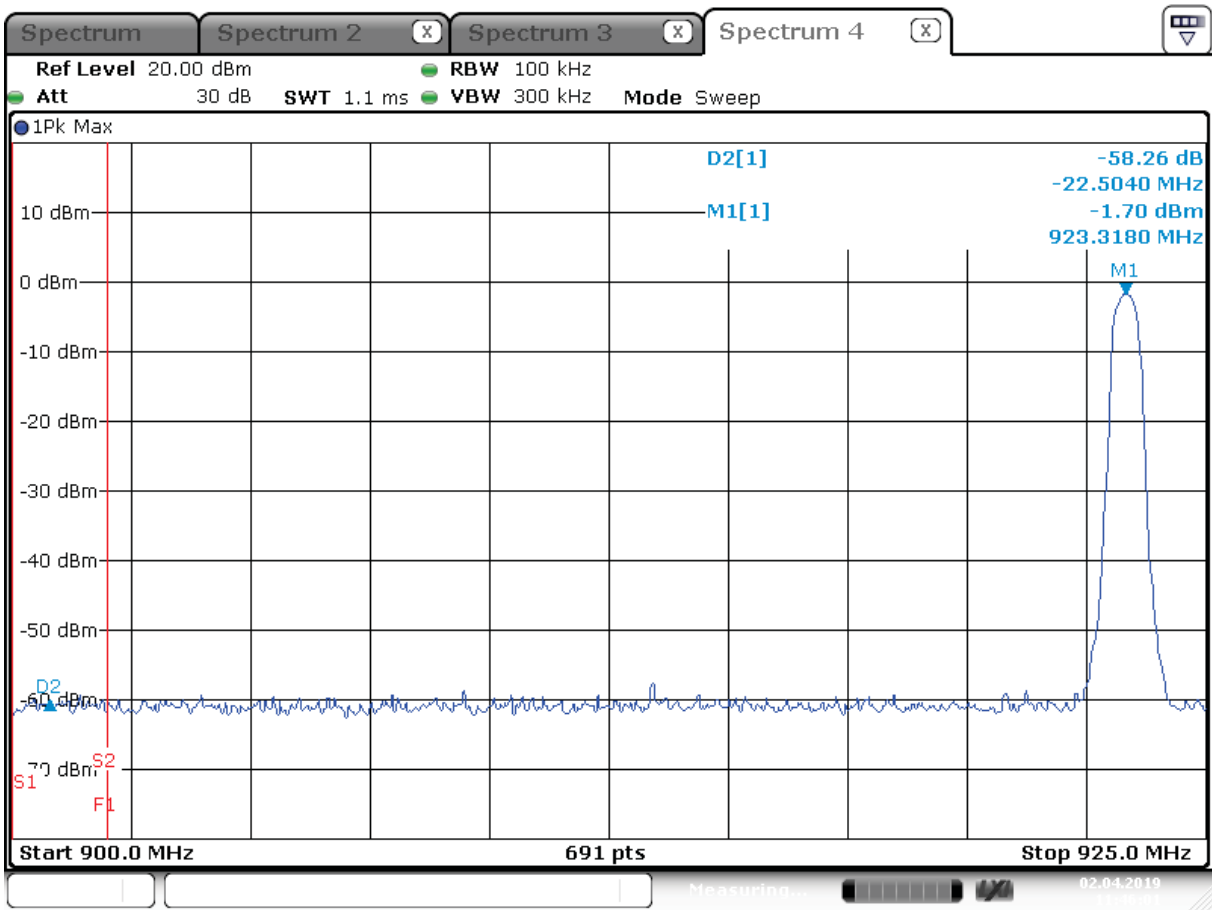
Date: 2.APR.2019 16:57:54

Module 2

RF OUTPUT 1

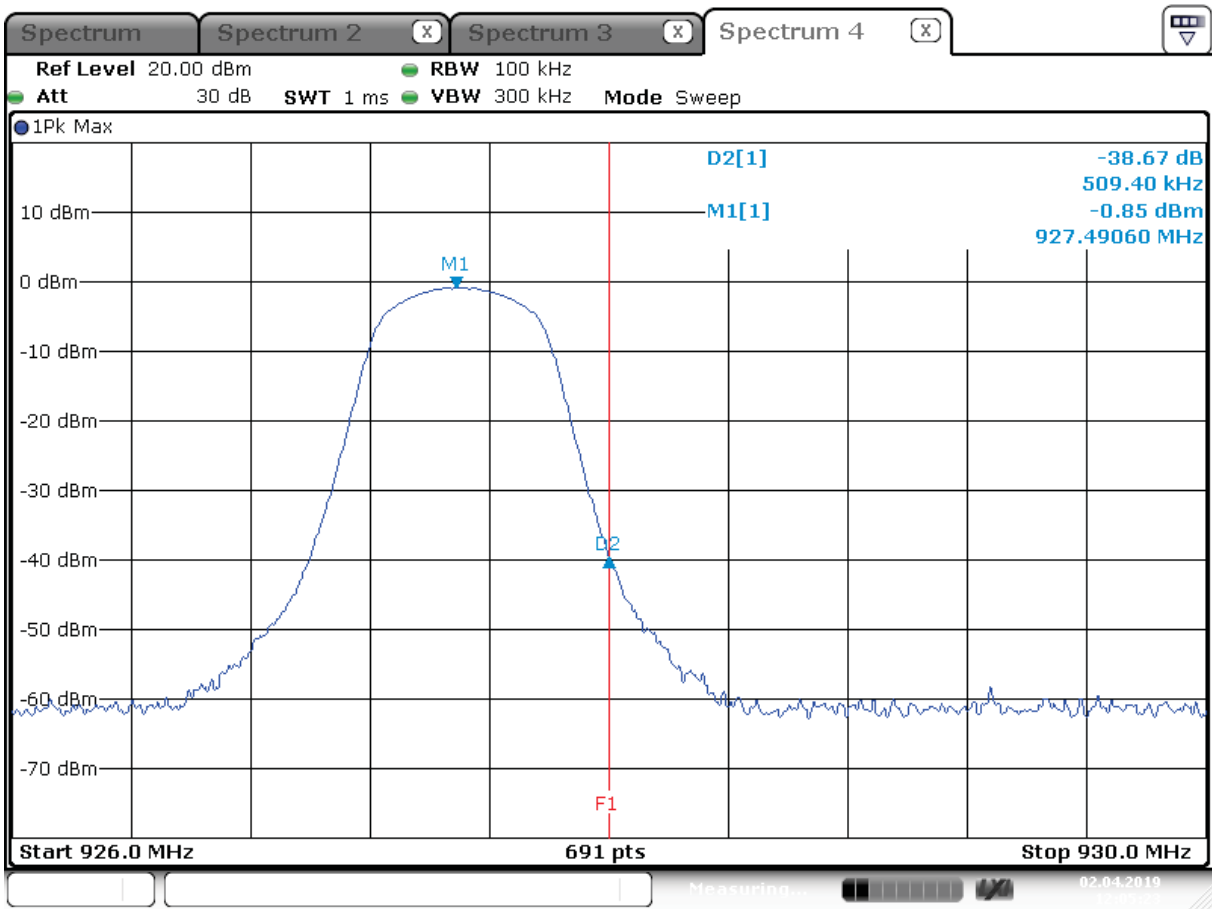
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 11:46:01

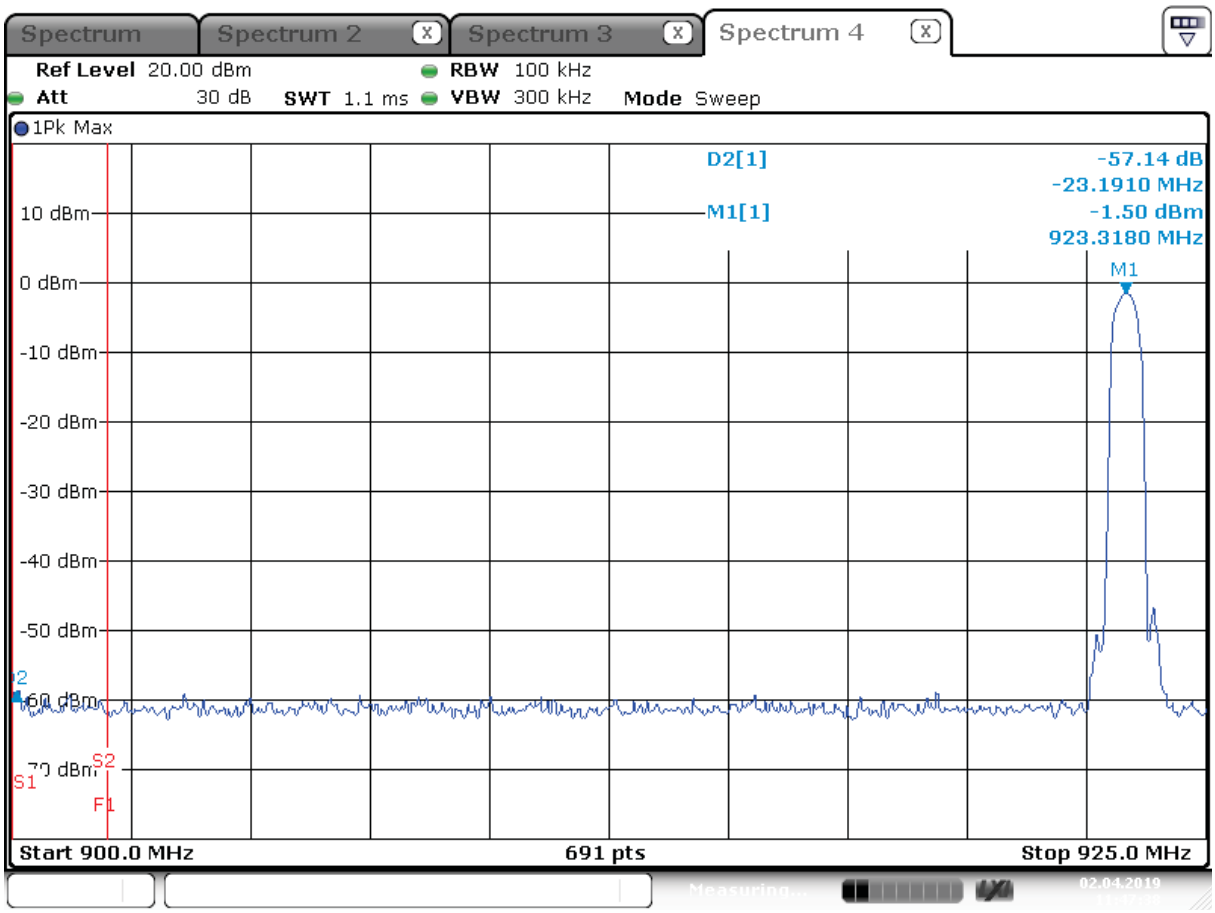
Frequency 927.5 MHz



Date: 2.APR.2019 12:05:24

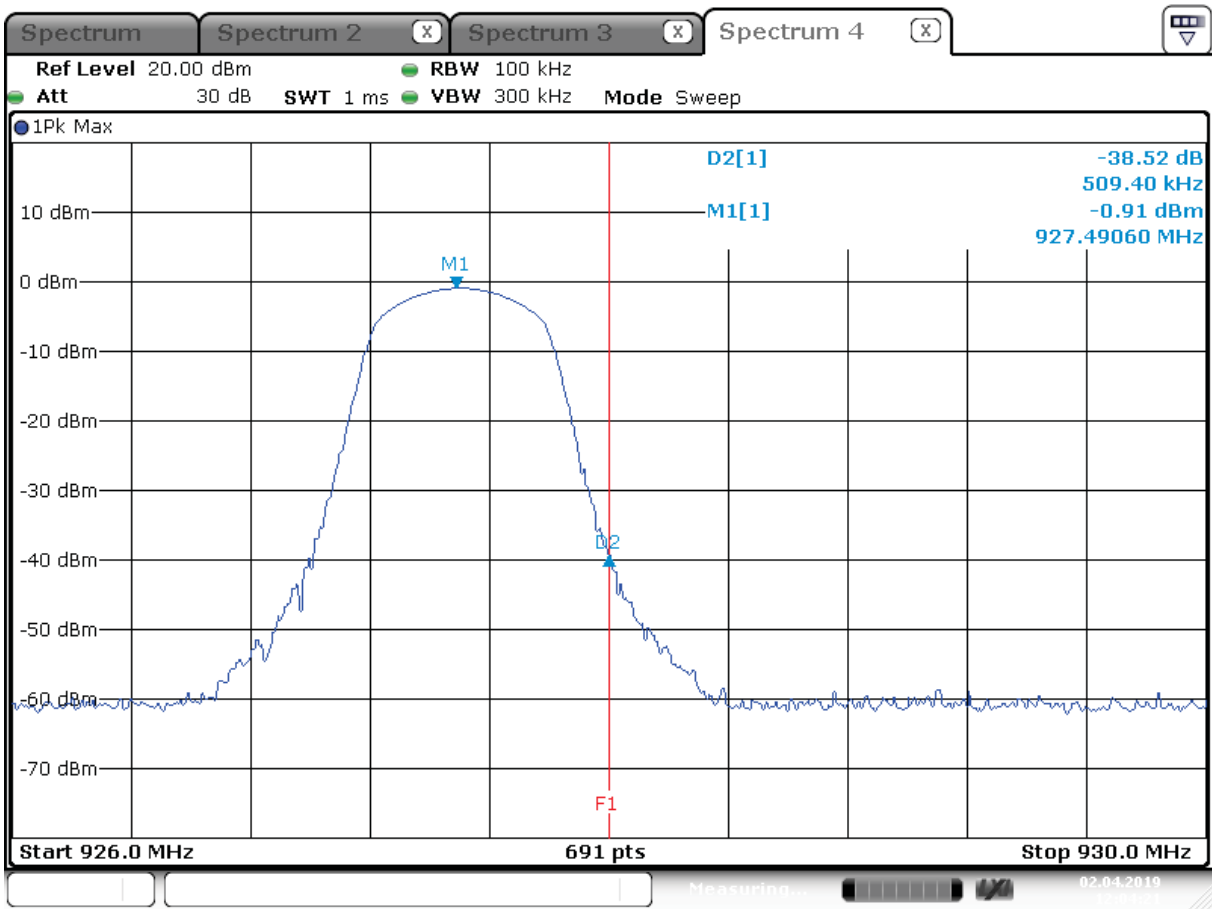
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 11:47:39

Frequency 927.5 MHz

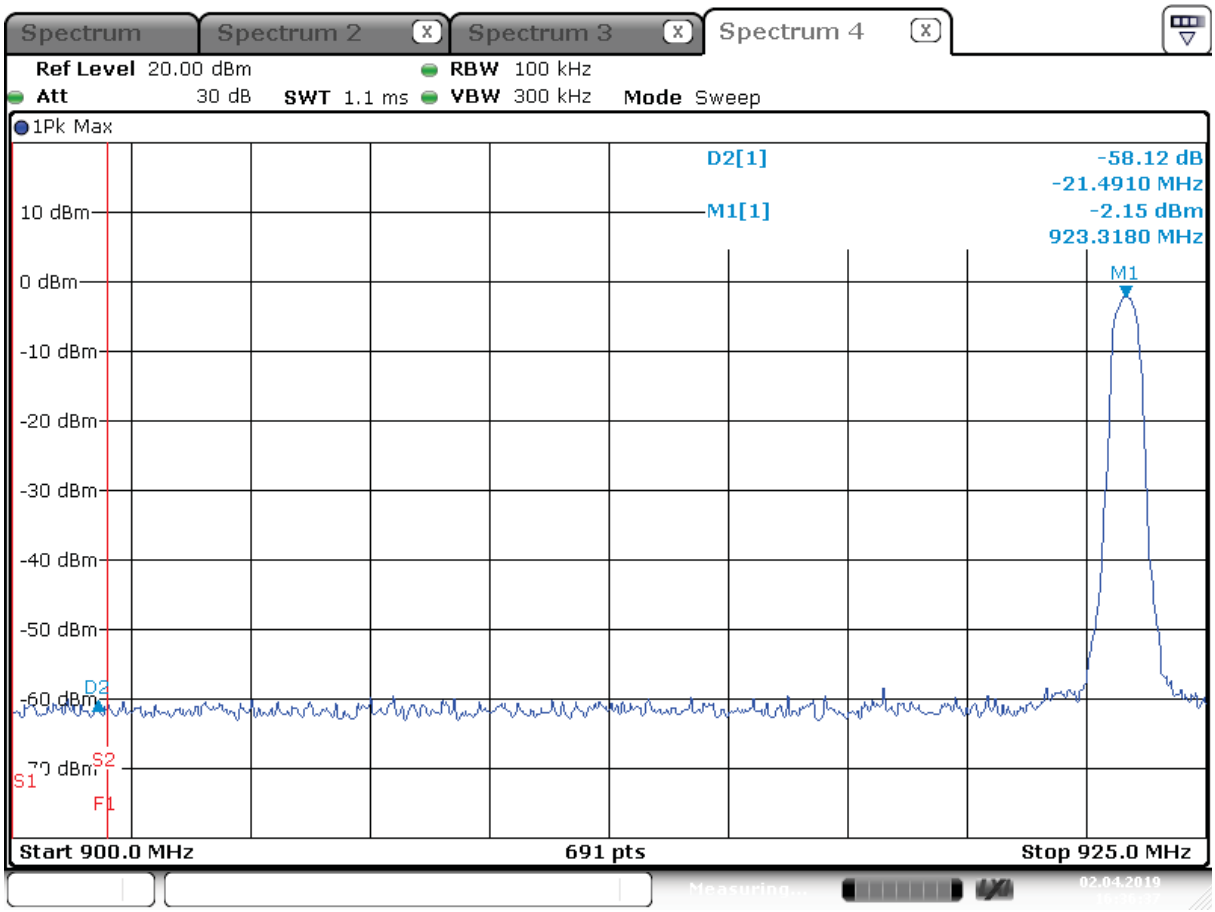


Date: 2.APR.2019 12:04:21

RF OUTPUT 2

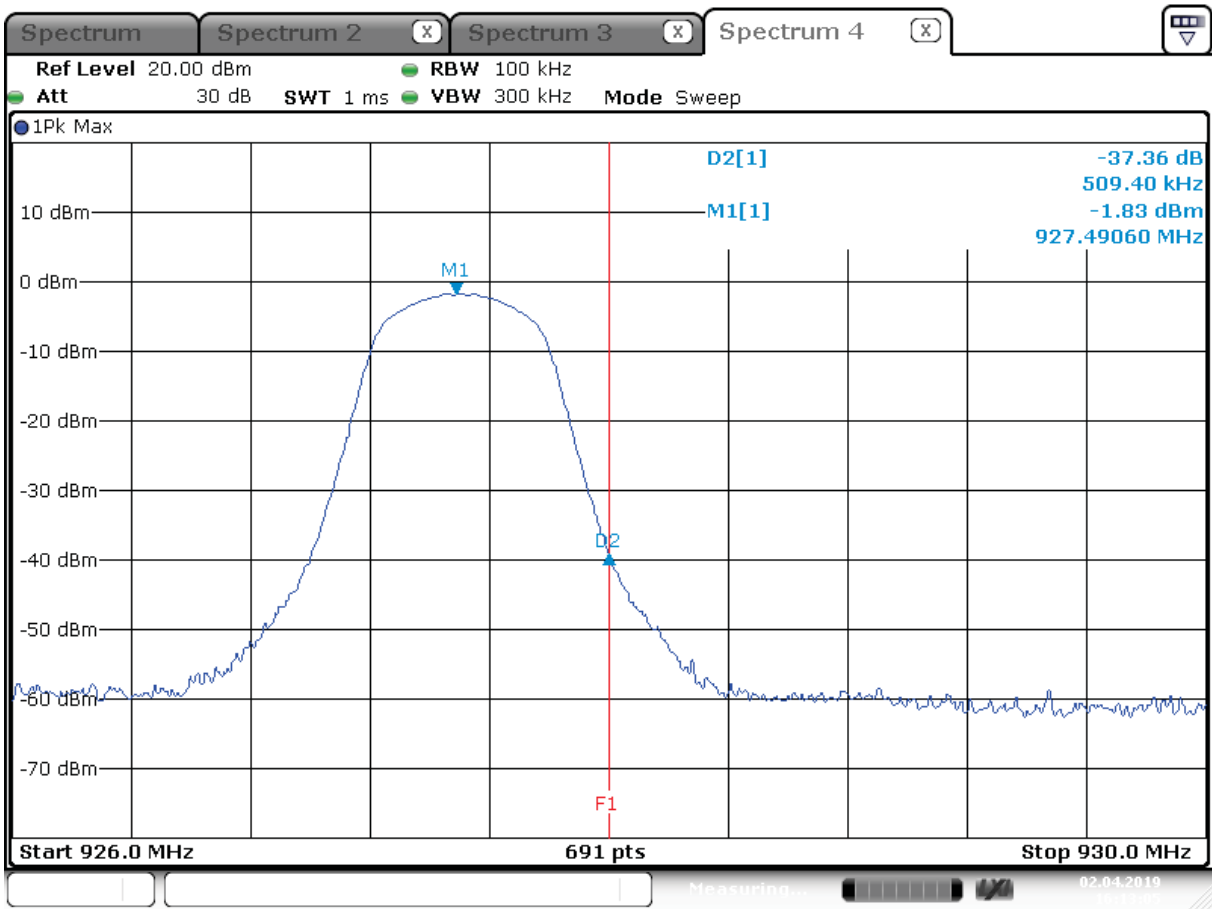
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 16:36:38

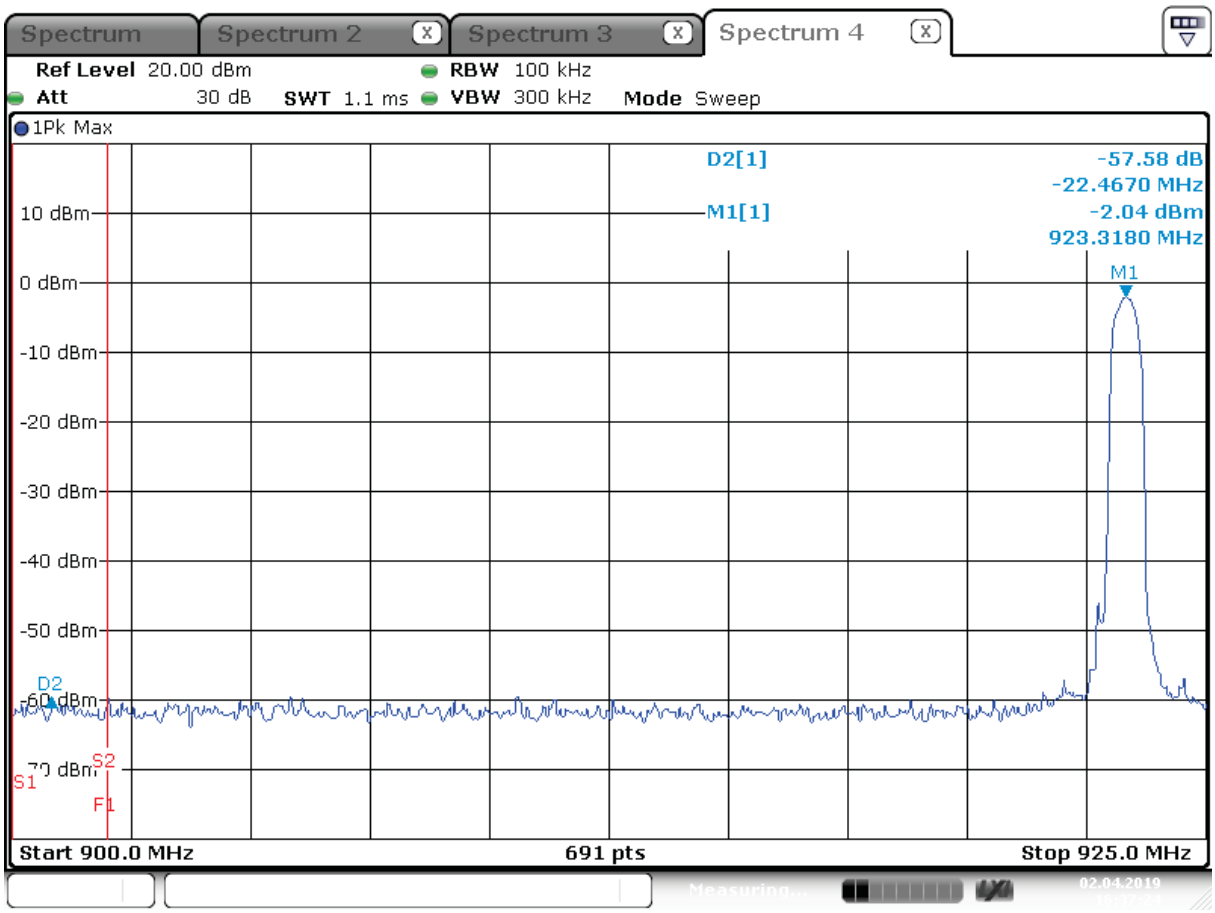
Frequency 927.5 MHz



Date: 2.APR.2019 16:13:05

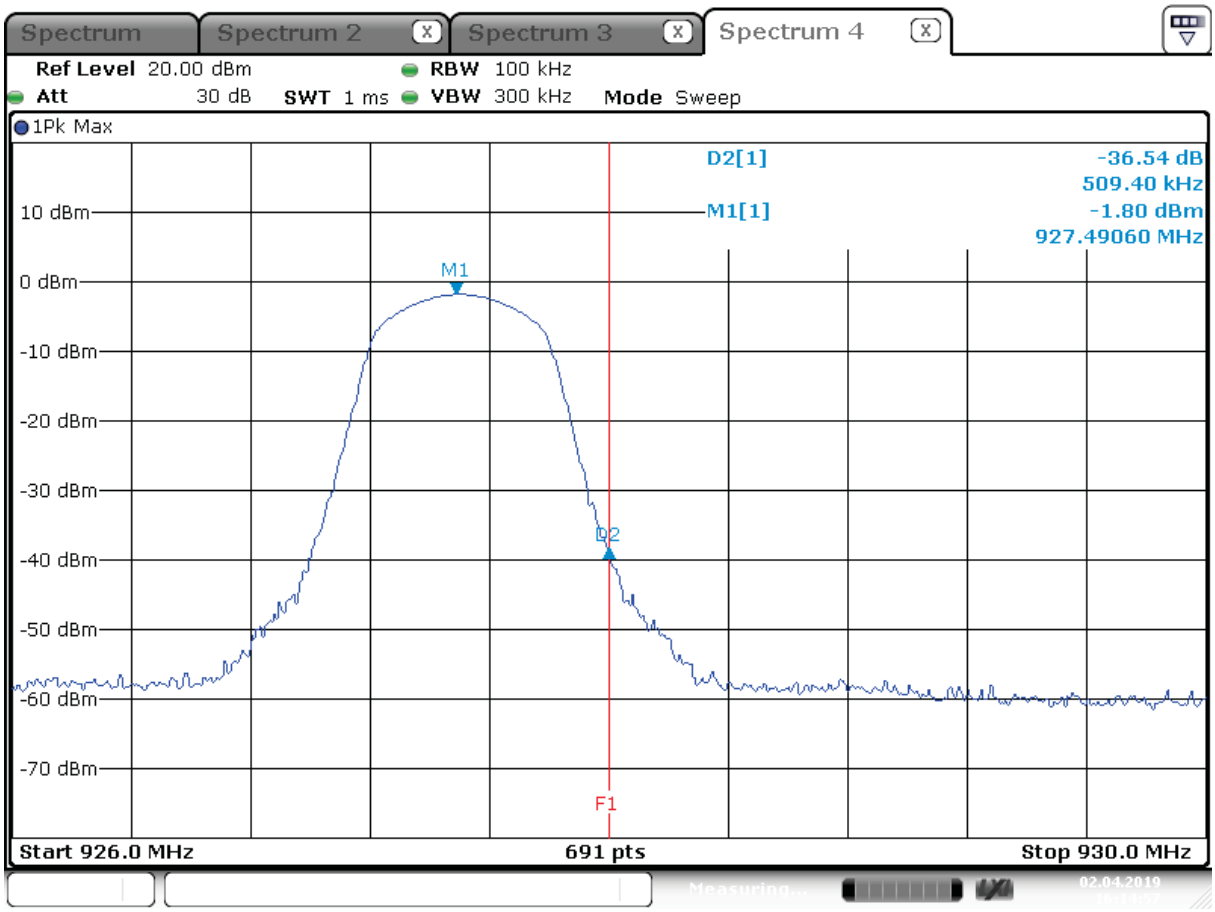
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 16:37:25

Frequency 927.5 MHz



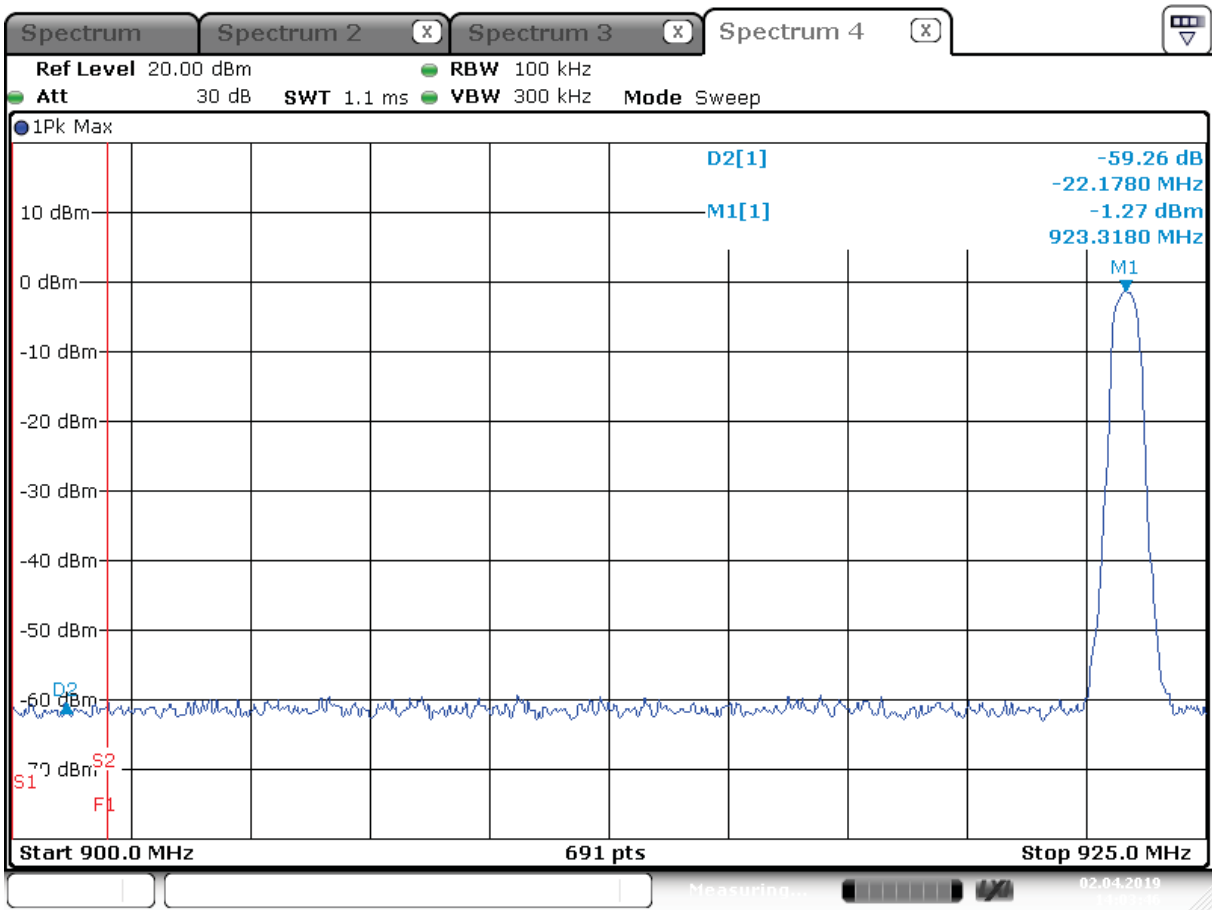
Date: 2.APR.2019 16:14:57

Module 3

RF OUTPUT 1

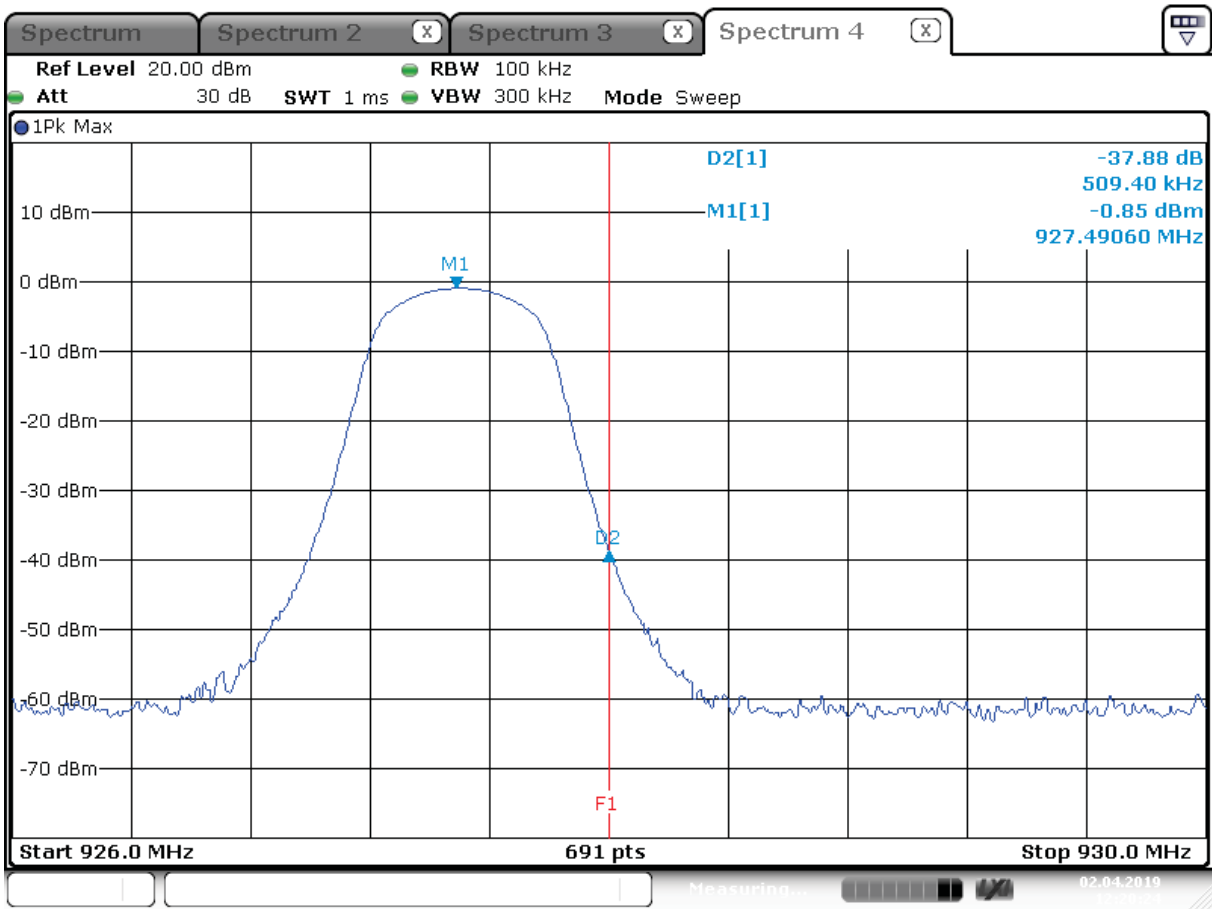
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 14:03:46

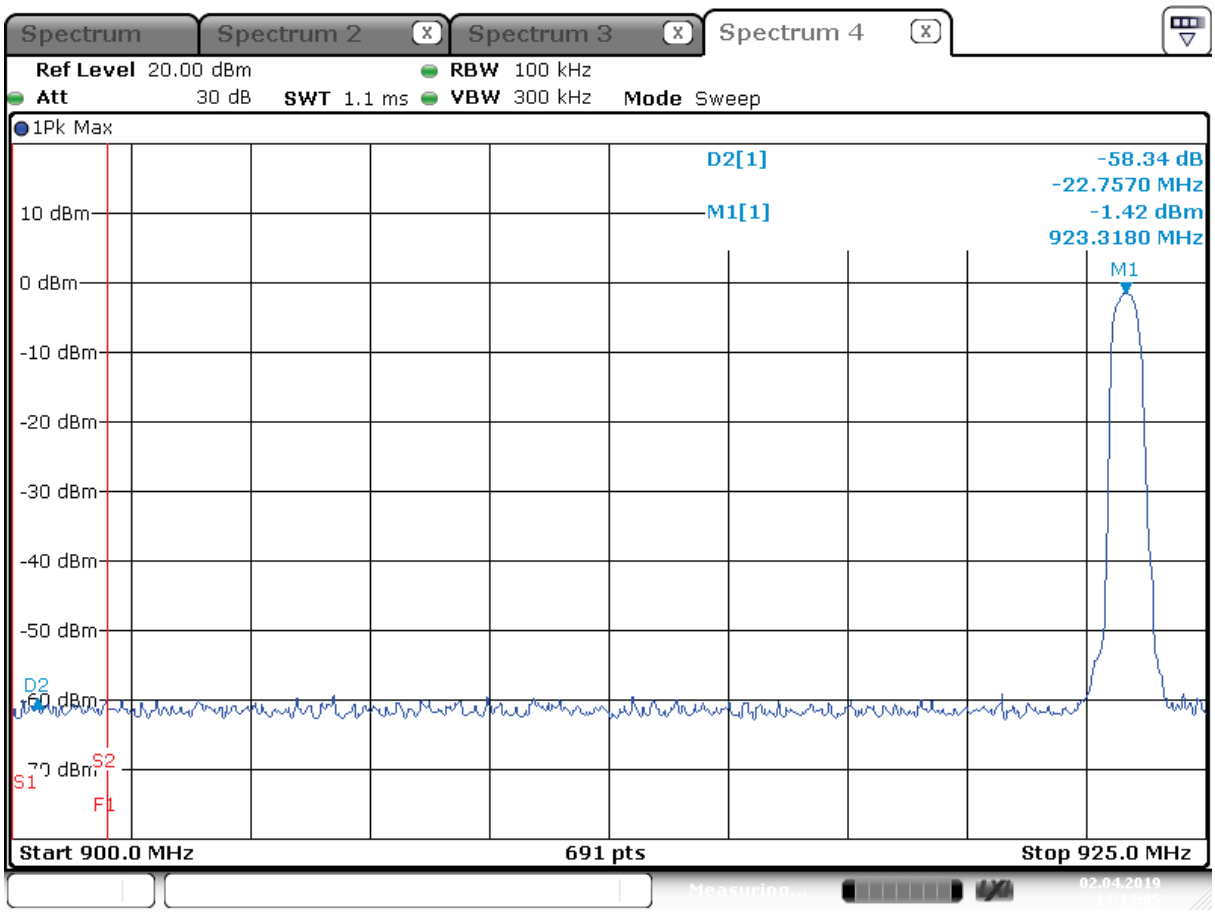
Frequency 927.5 MHz



Date: 2.APR.2019 12:20:24

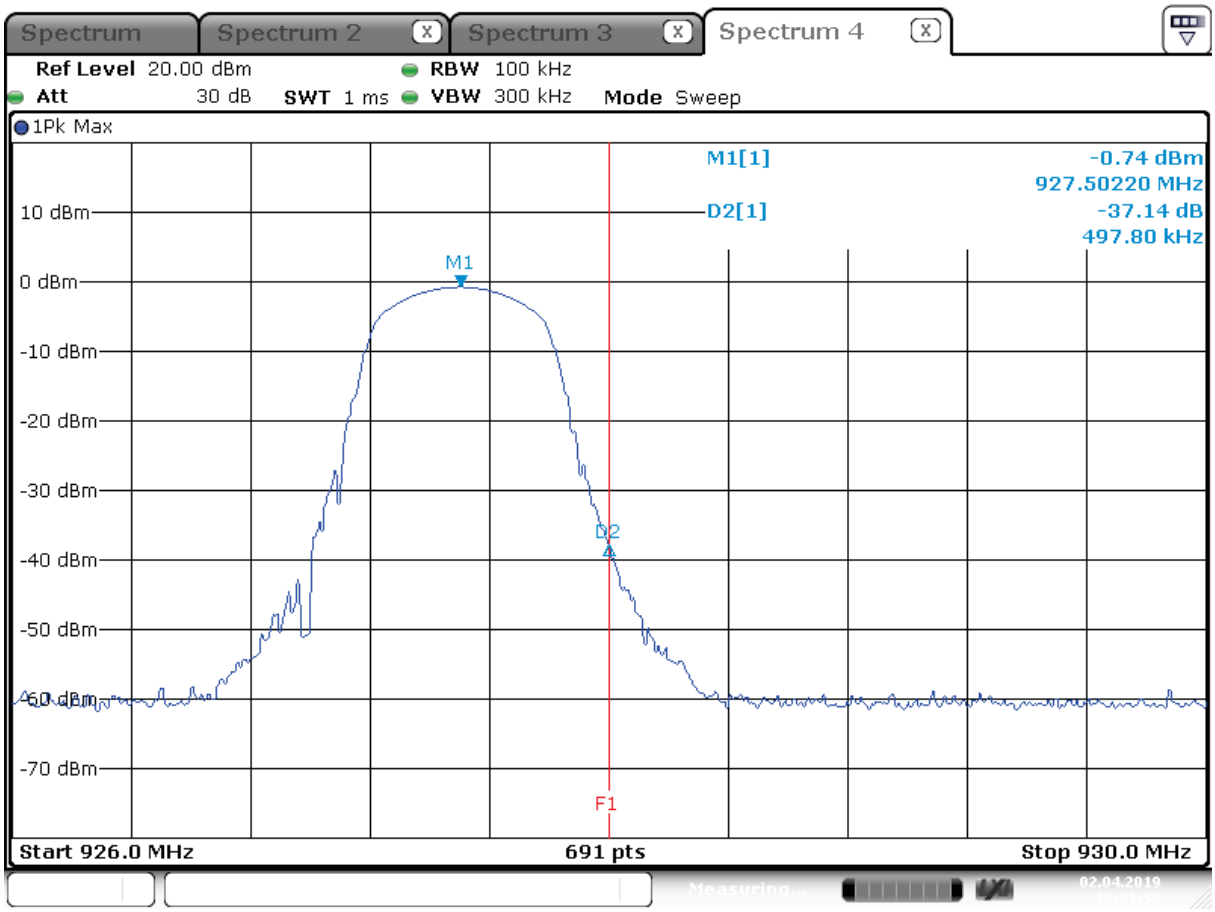
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 14:13:06

Frequency 927.5 MHz

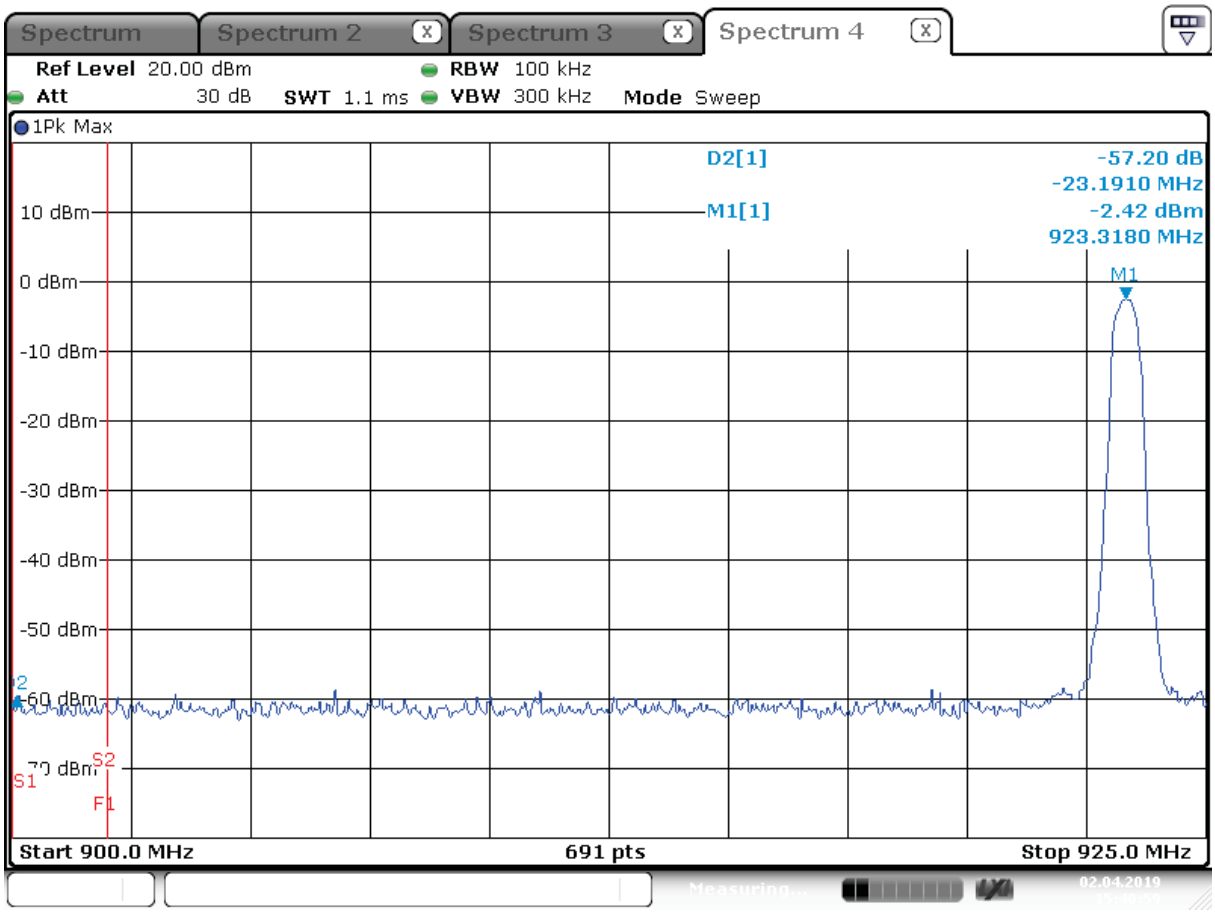


Date: 2.APR.2019 12:21:56

RF OUTPUT 2

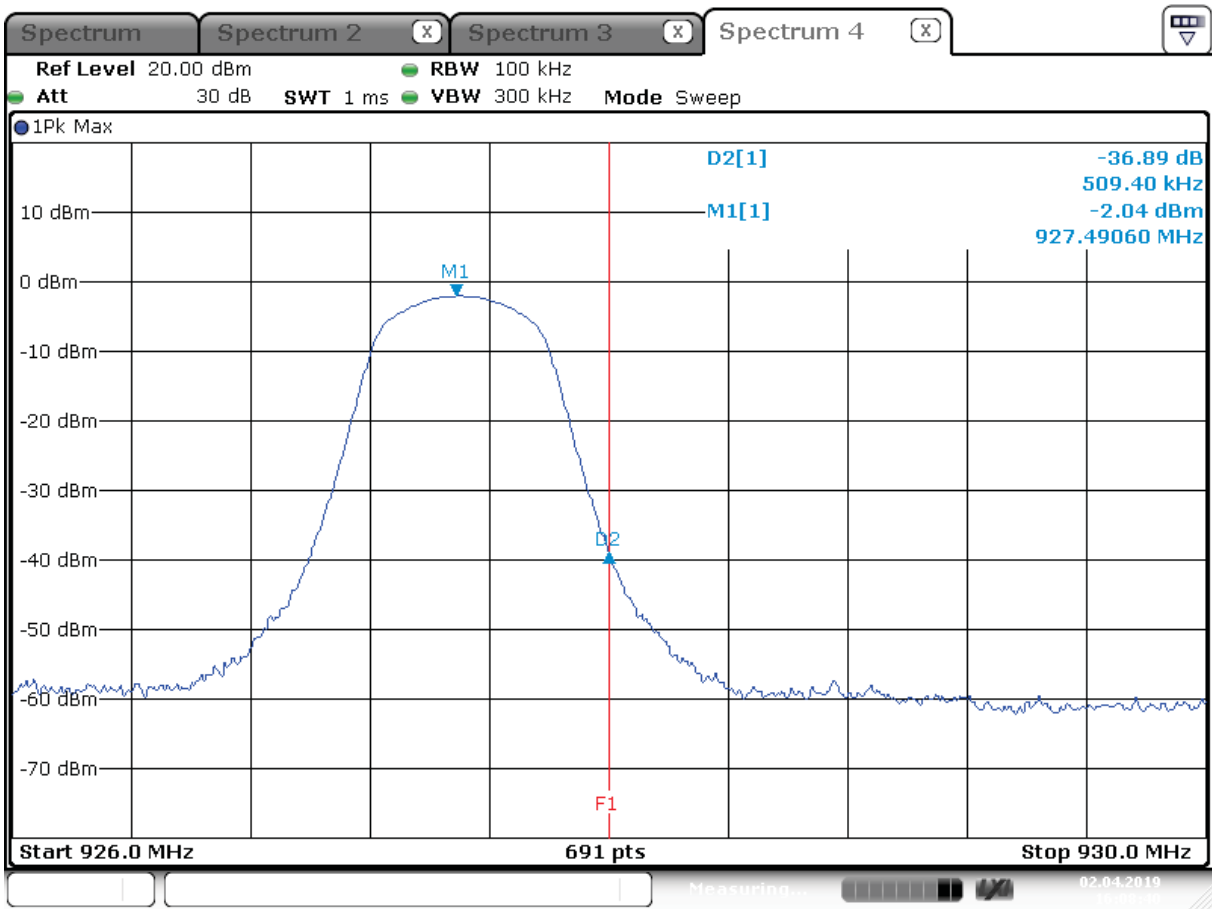
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 15:40:59

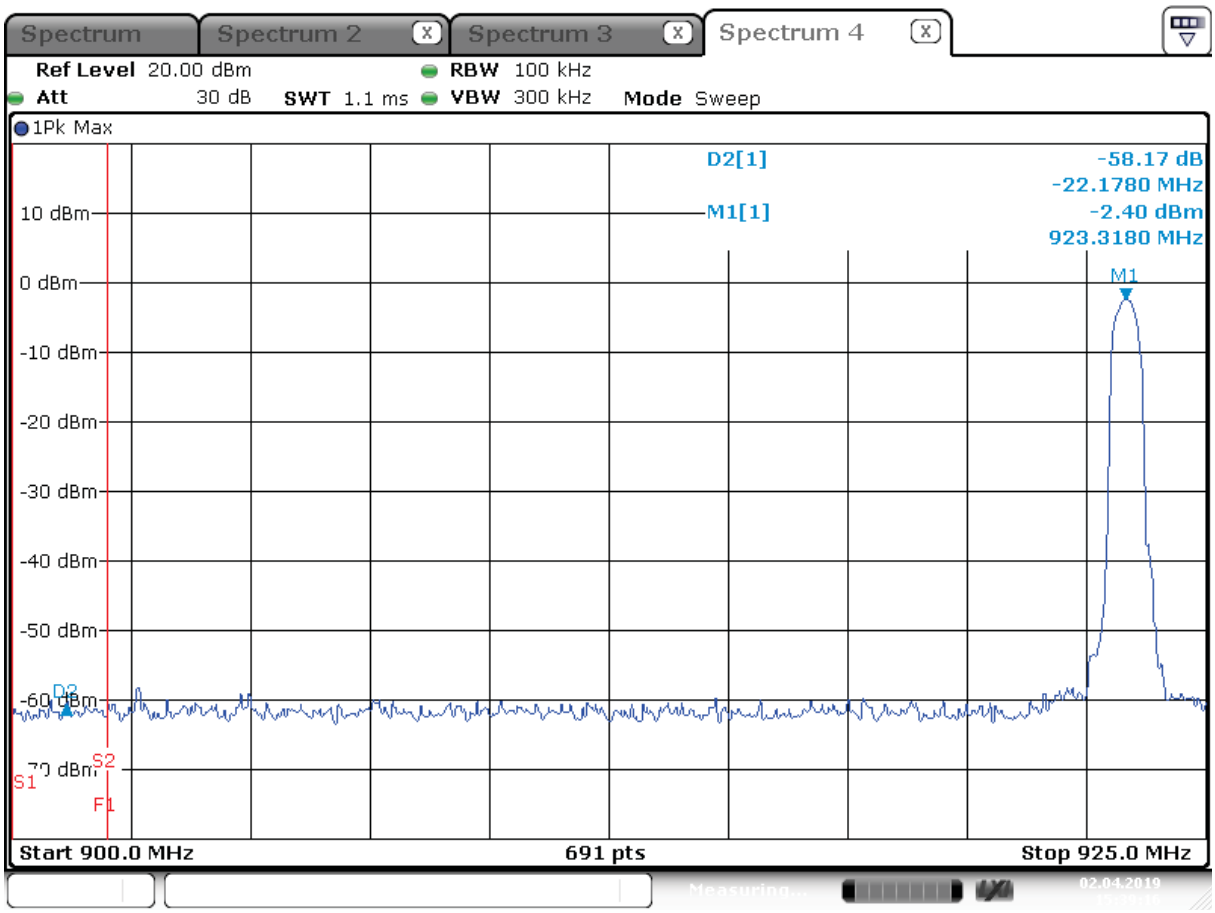
Frequency 927.5 MHz



Date: 2.APR.2019 16:08:40

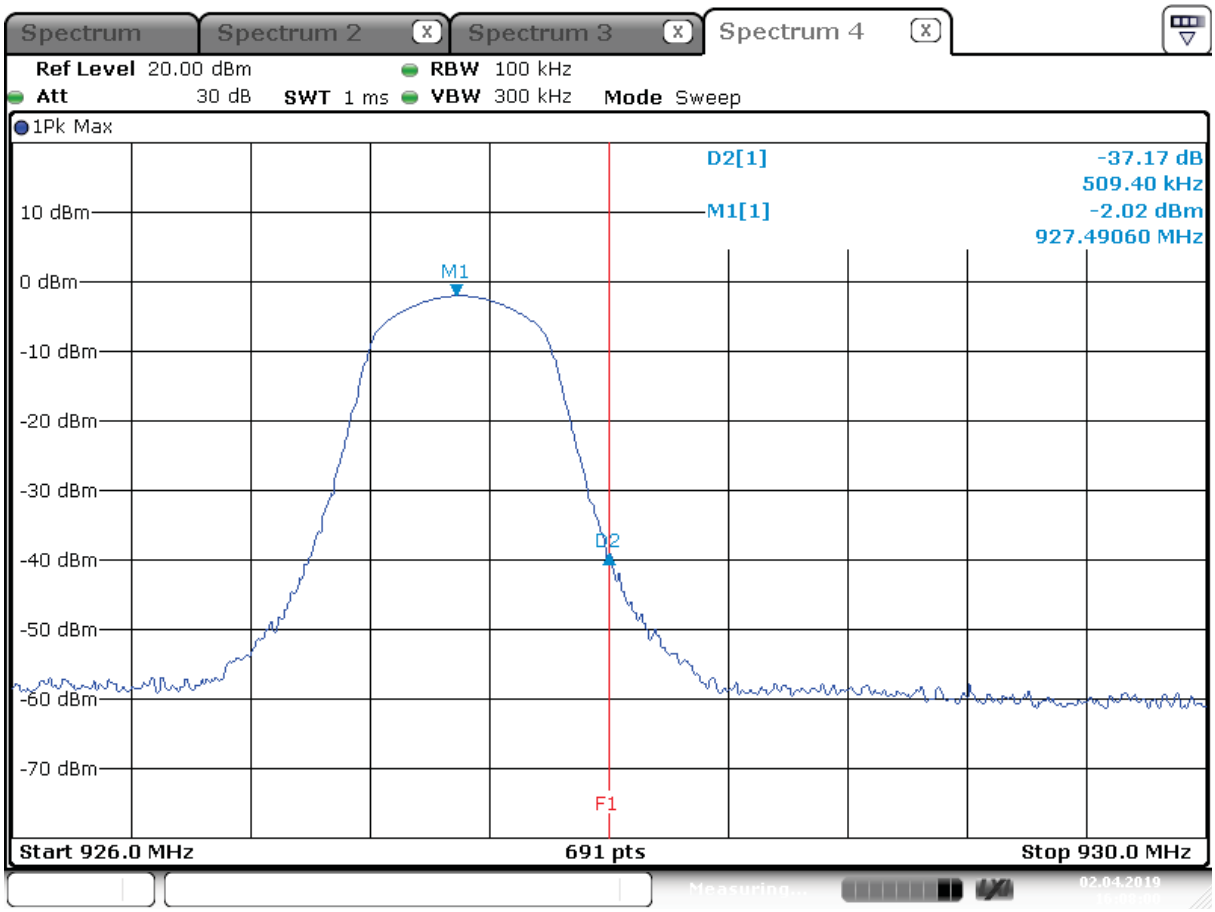
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 15:39:16

Frequency 927.5 MHz



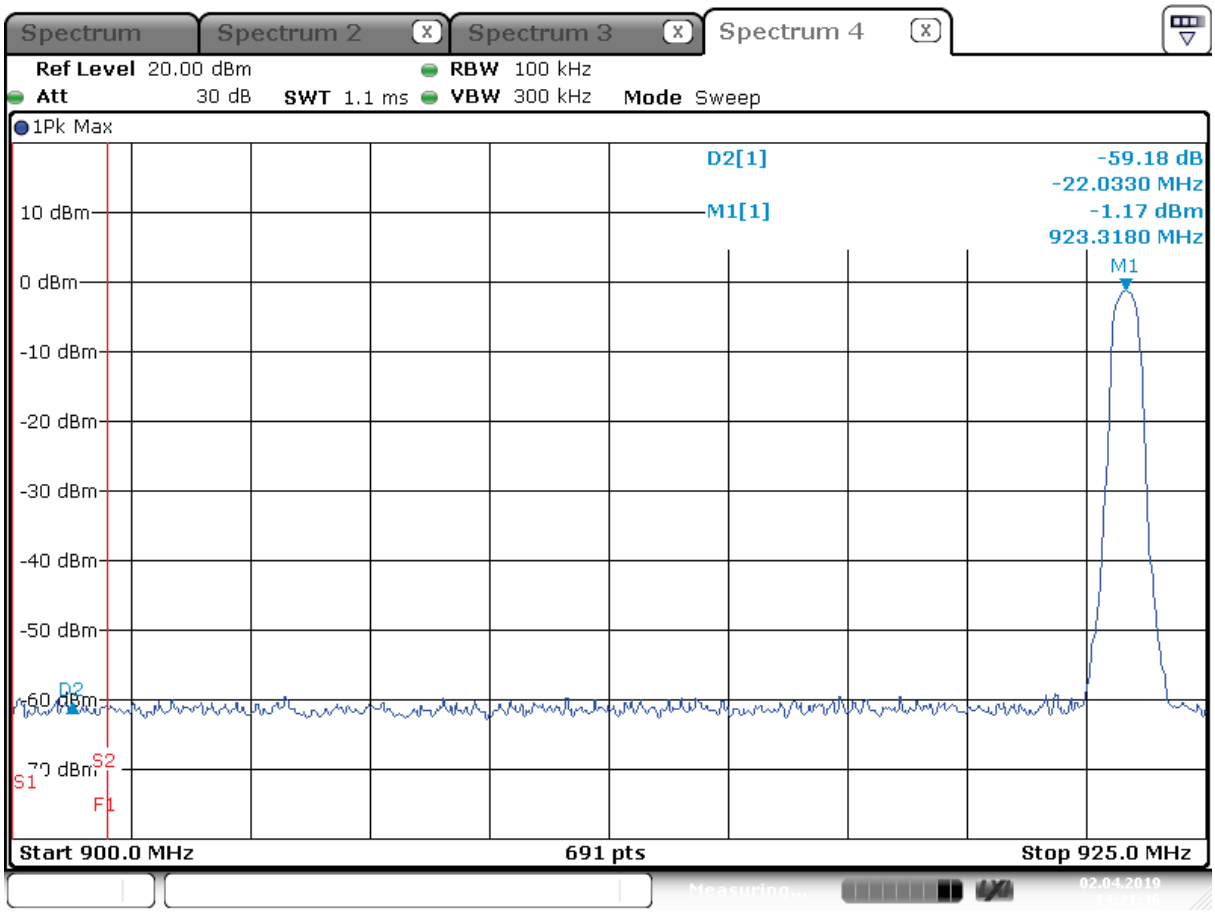
Date: 2.APR.2019 16:08:00

Module 4

RF OUTPUT 1

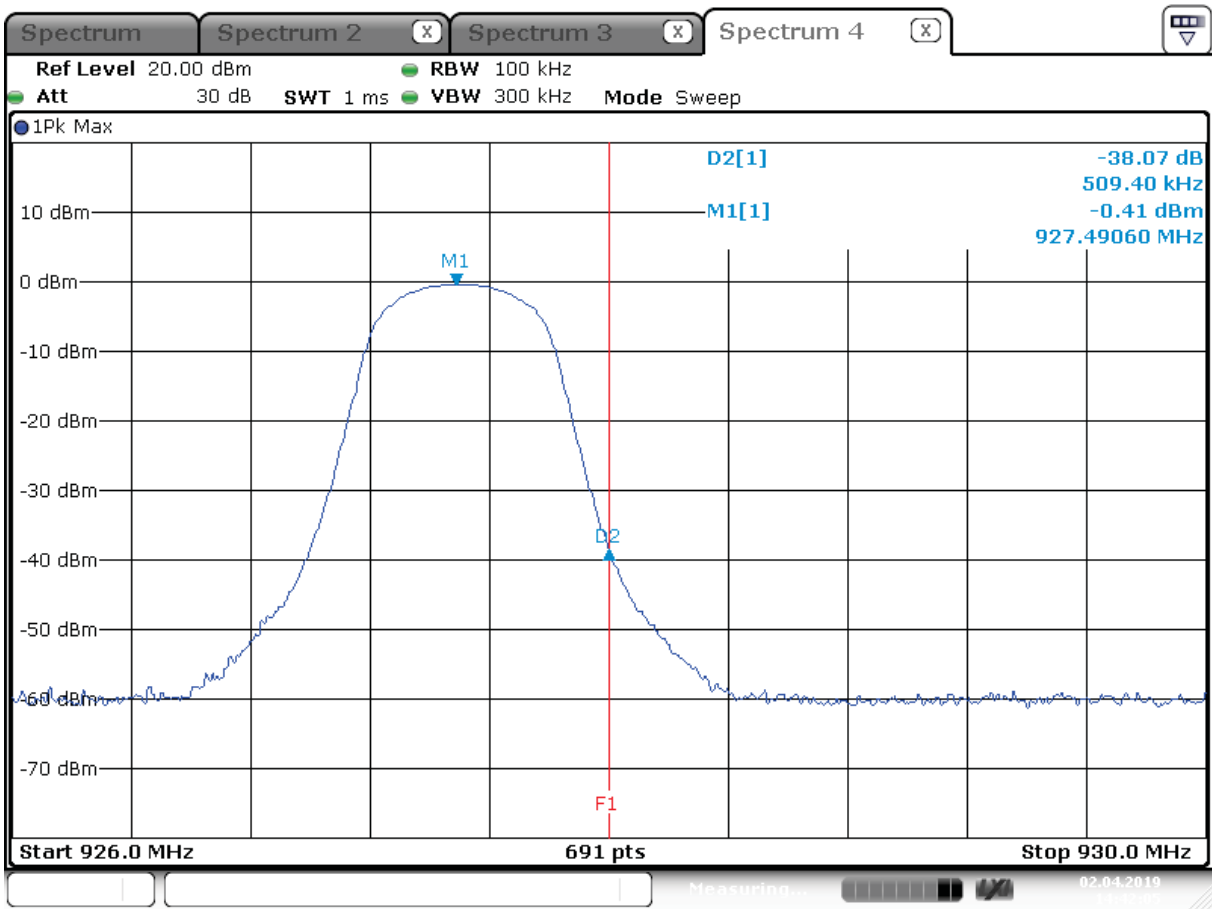
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 14:21:47

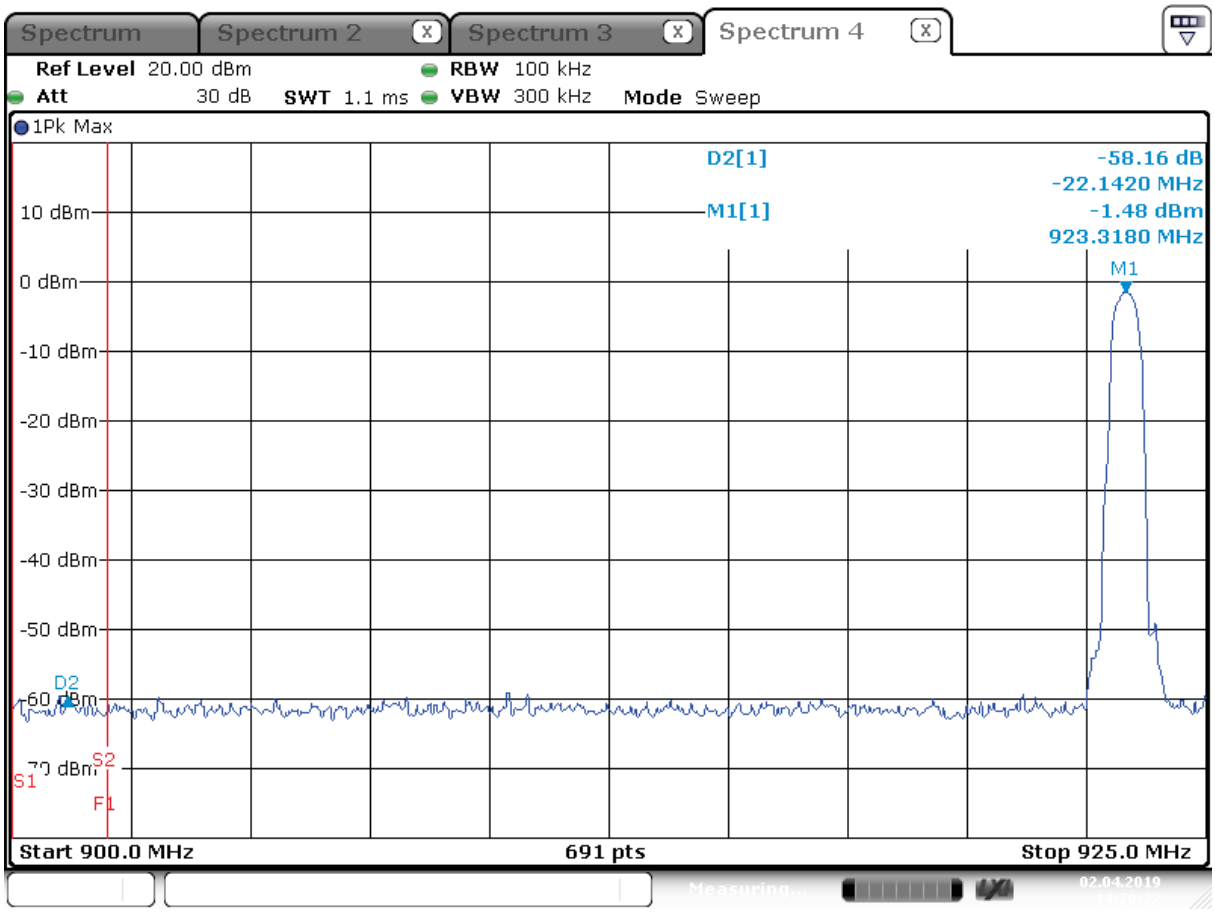
Frequency 927.5 MHz



Date: 2.APR.2019 14:42:05

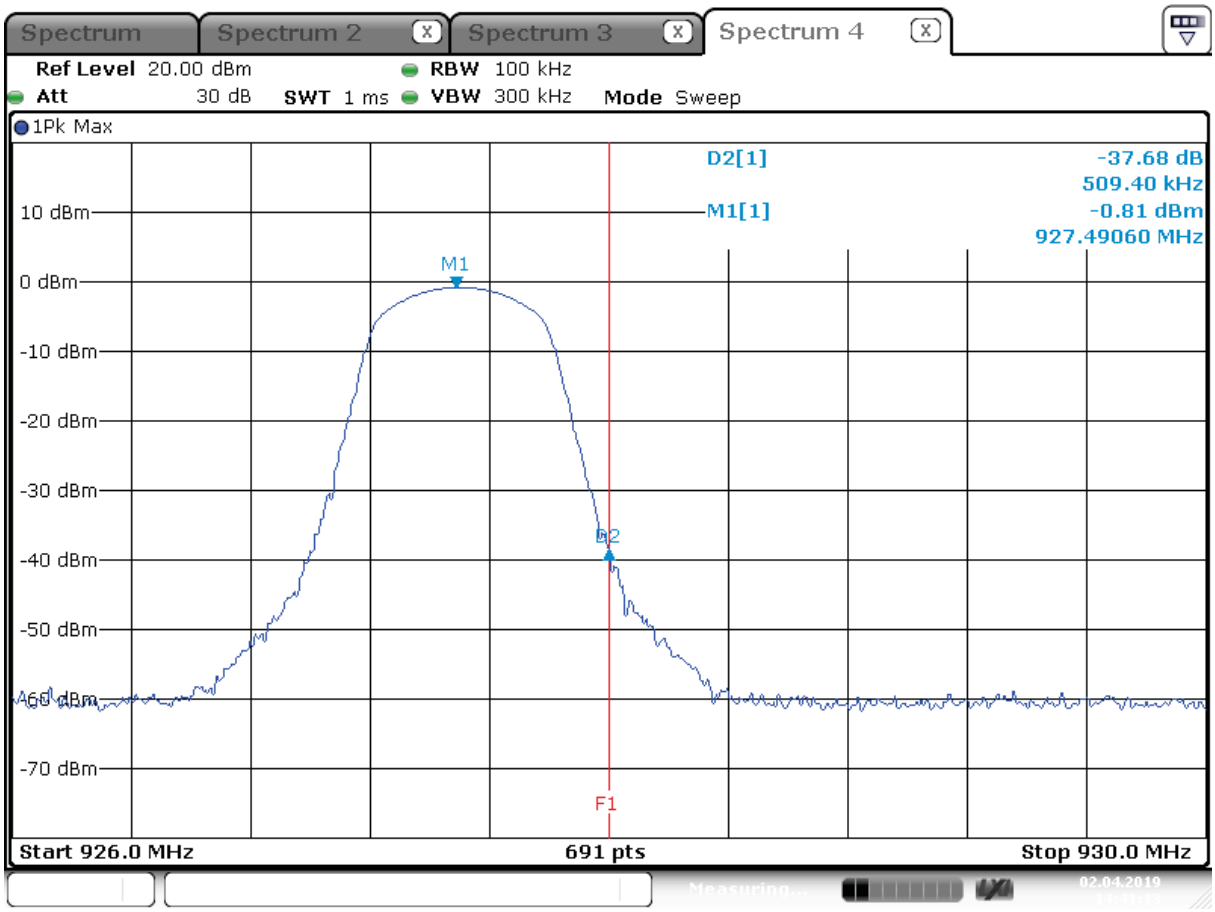
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 14:20:22

Frequency 927.5 MHz

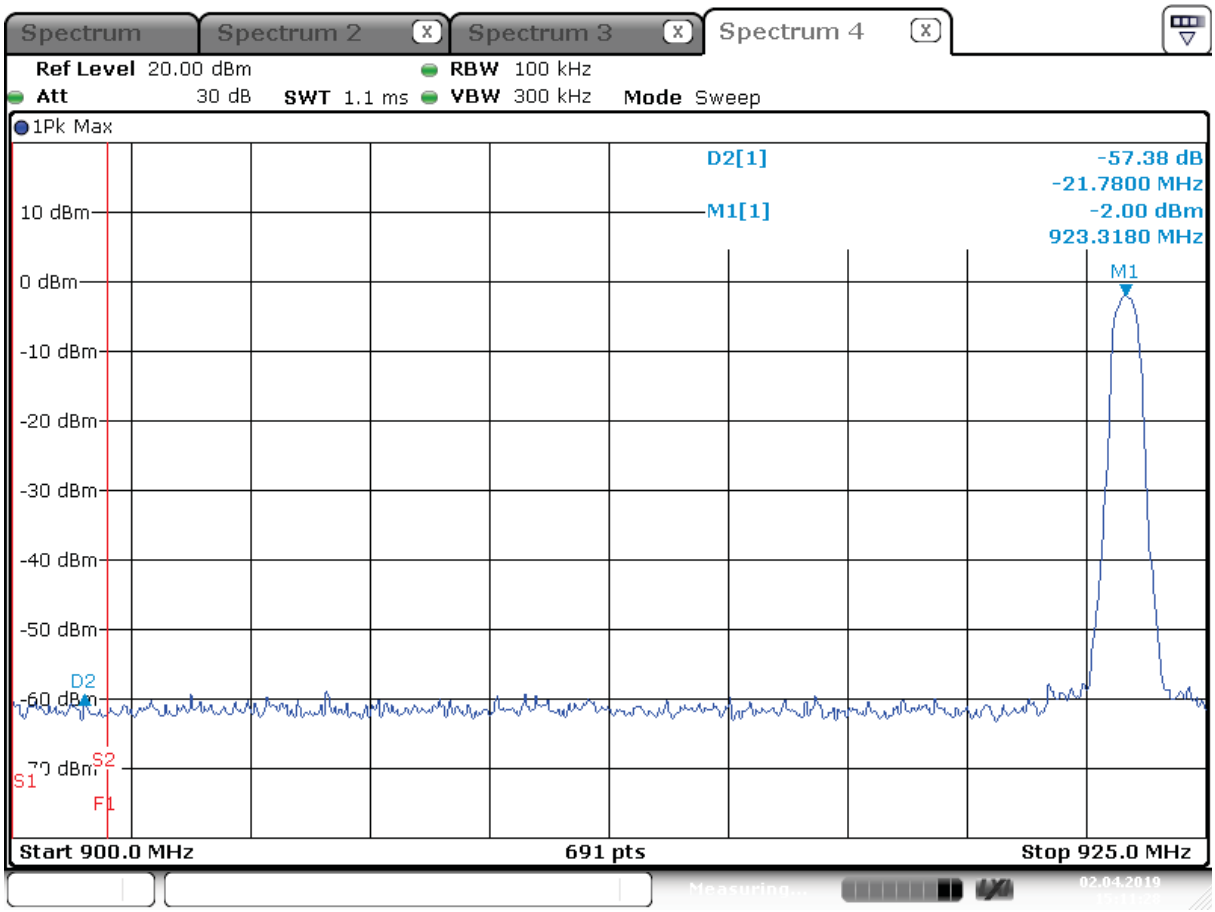


Date: 2.APR.2019 14:41:13

RF OUTPUT 2

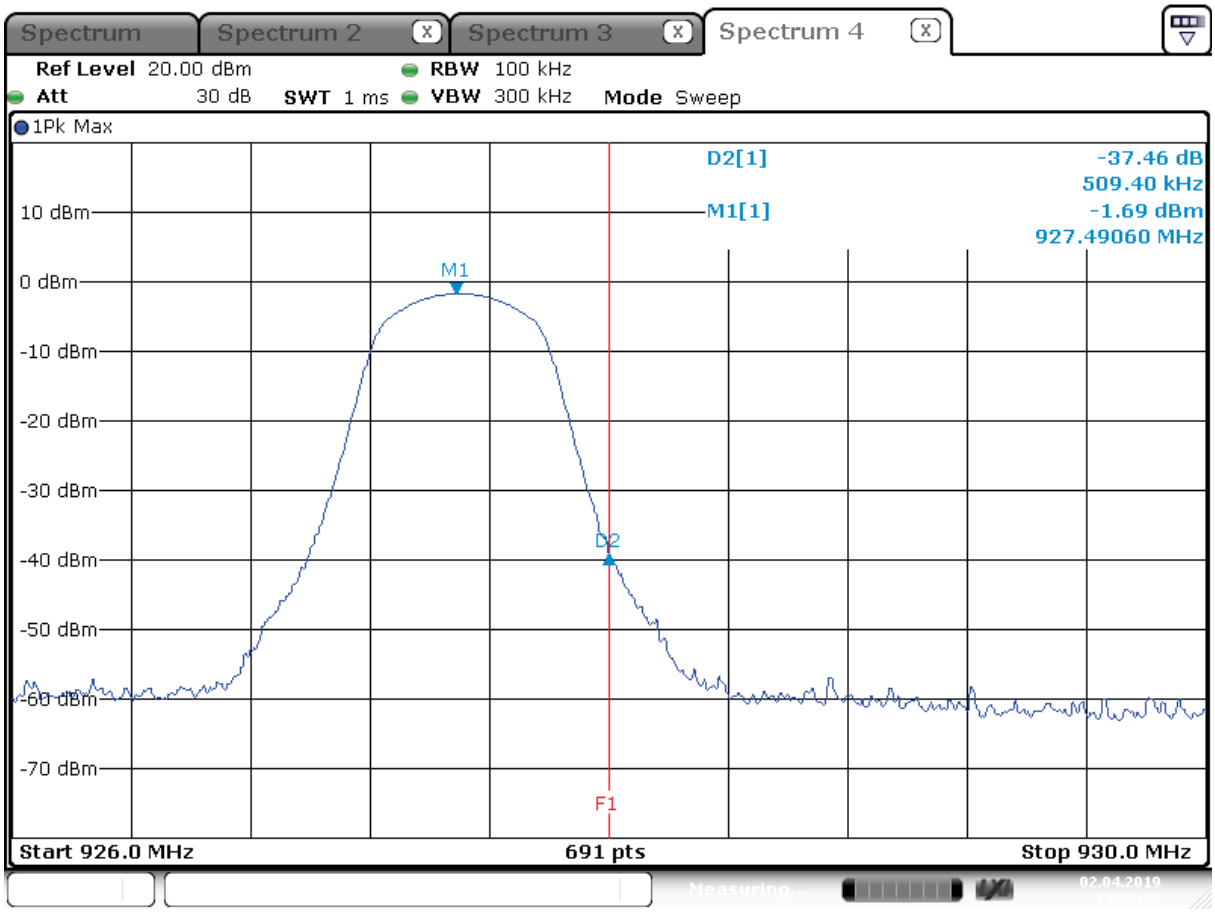
SPREAD FACTOR 7

Frequency 923.3 MHz



Date: 2.APR.2019 15:11:28

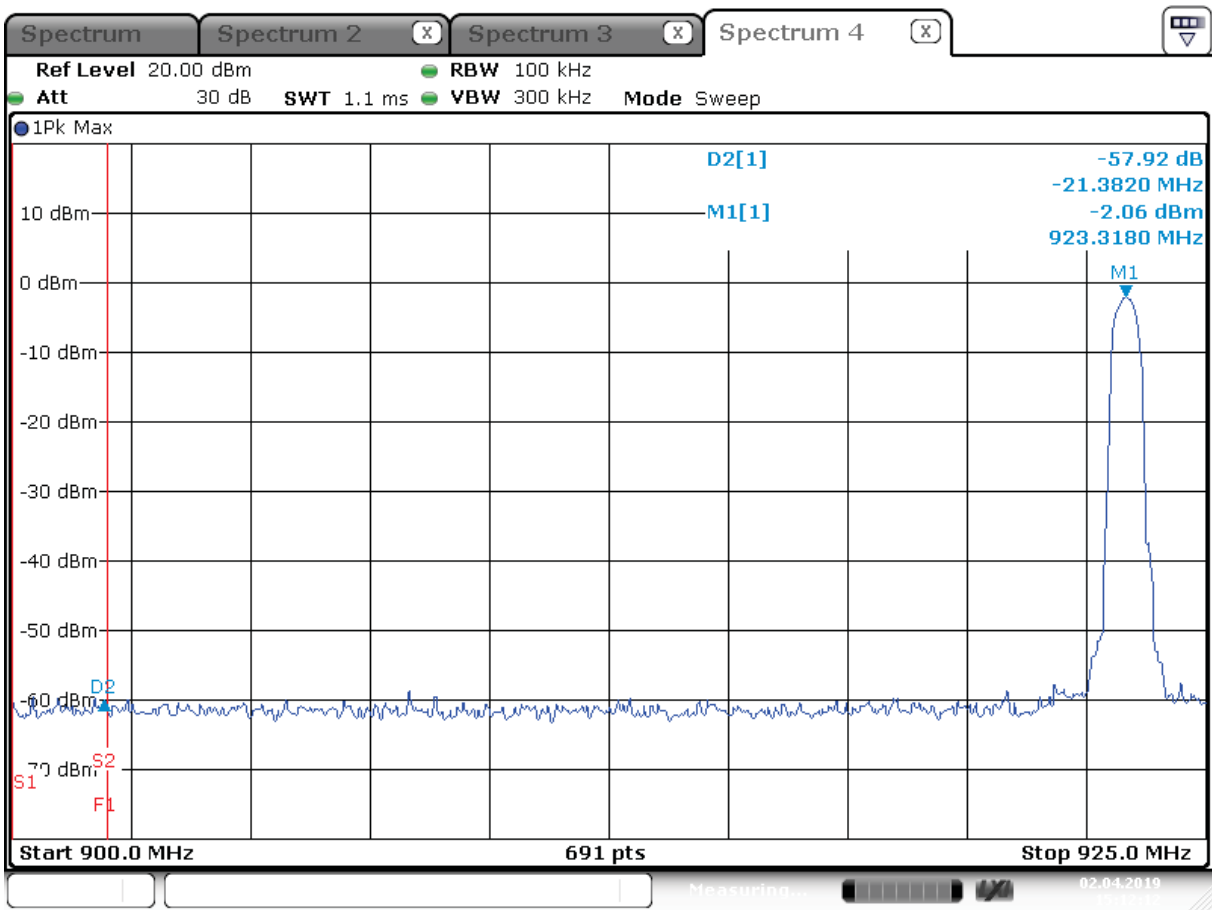
Frequency 927.5 MHz



Date: 2.APR.2019 14:55:25

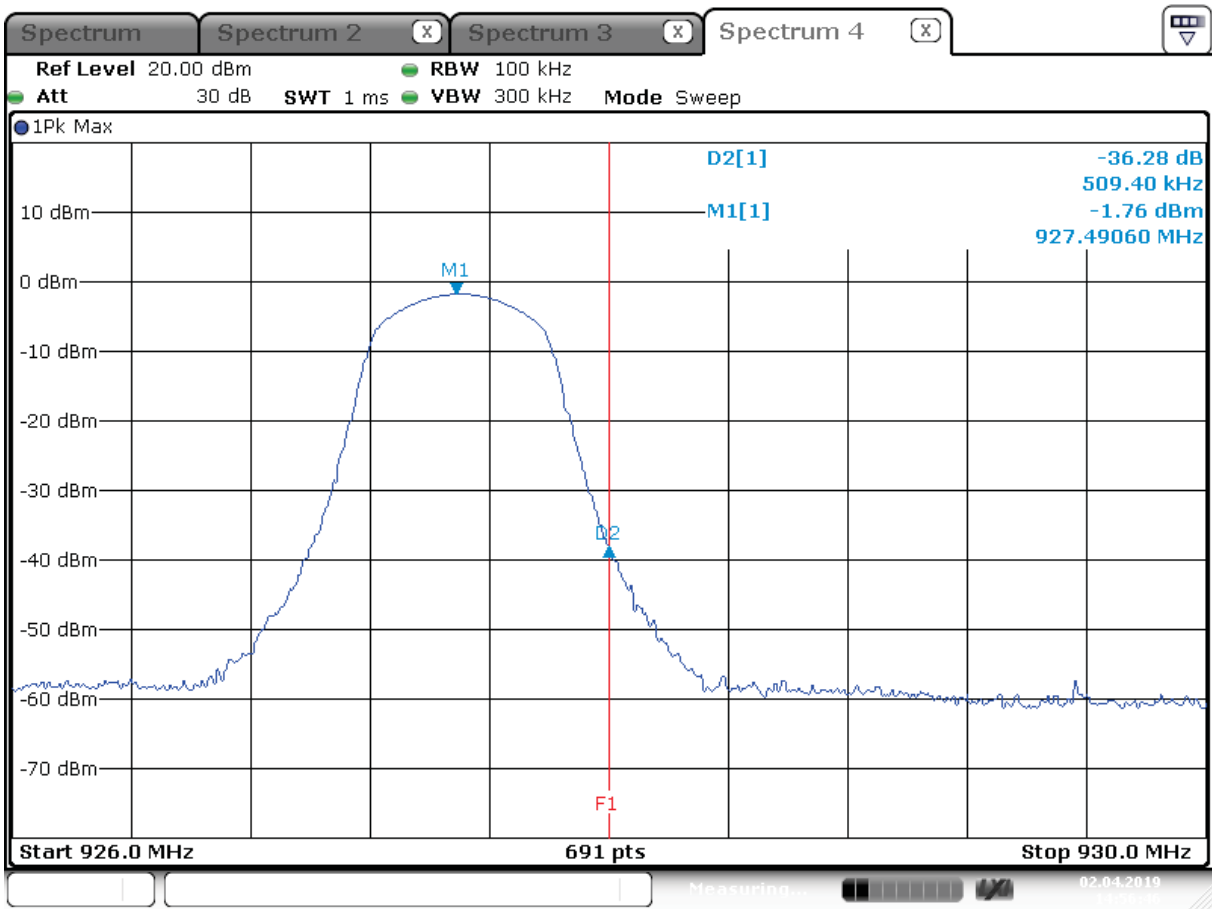
SPREAD FACTOR 12

Frequency 923.3 MHz



Date: 2.APR.2019 15:12:12

Frequency 927.5 MHz



Date: 2.APR.2019 14:56:46

APPENDIX 7: Spectral density

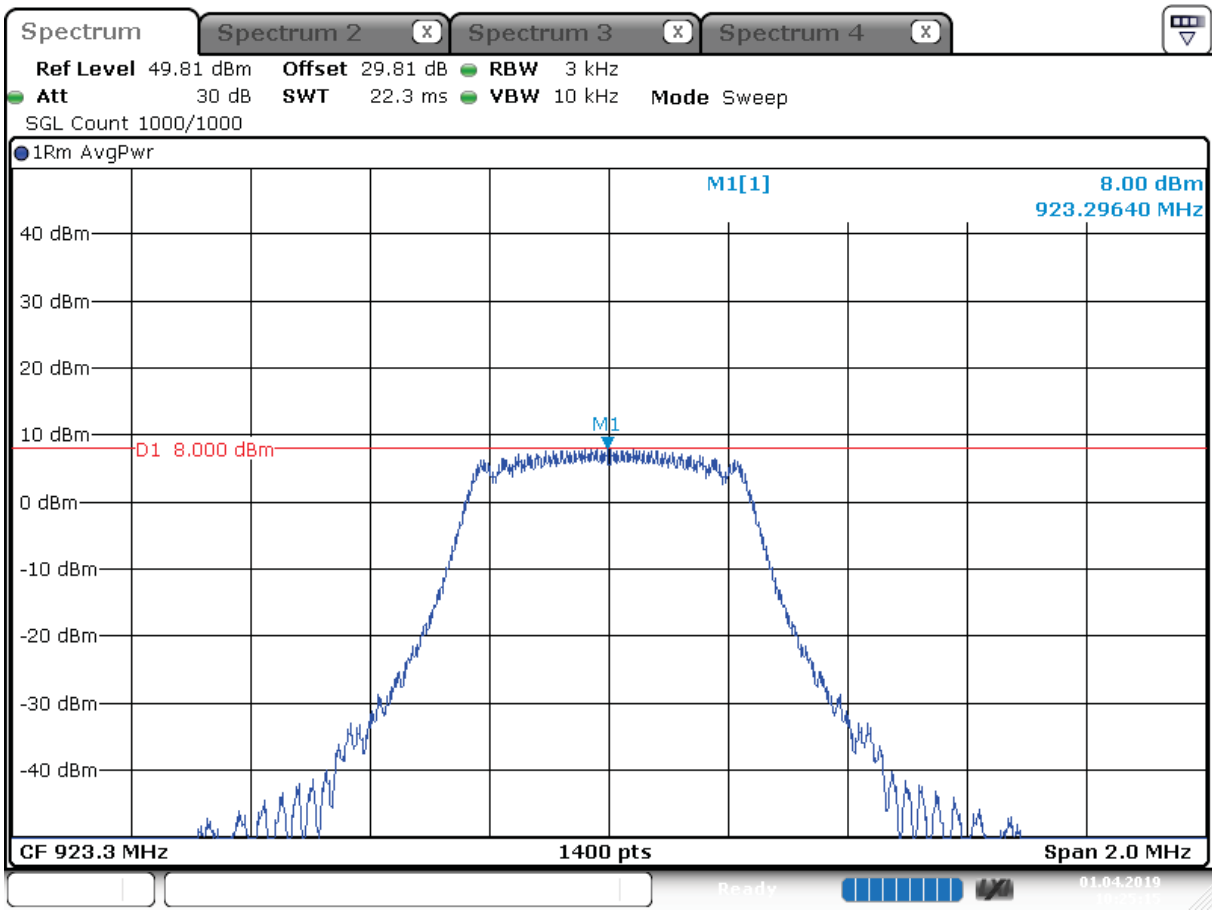
Measure realized with 30dBm

Module 1

RF OUTPUT 1

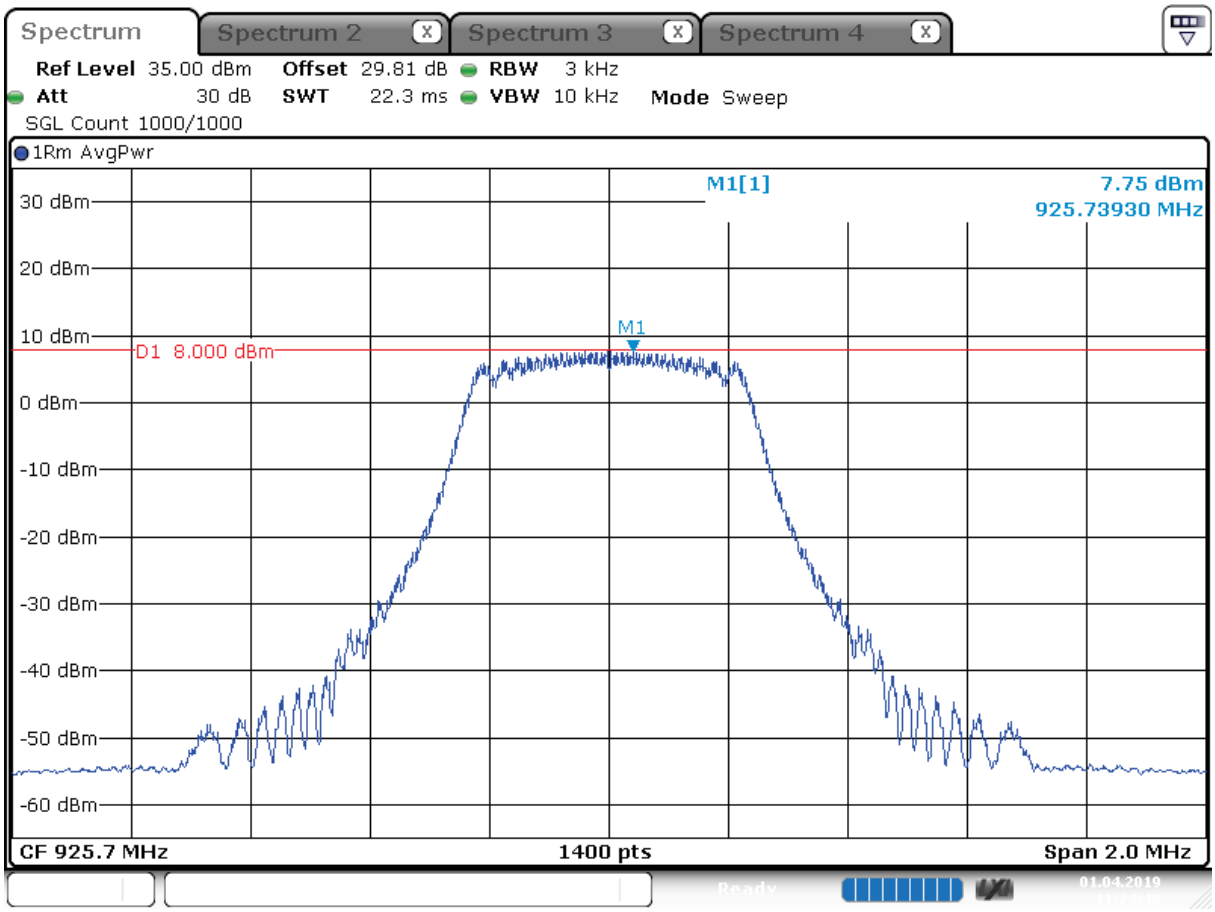
SPREAD FACTOR 7

Frequency 923.3 MHz



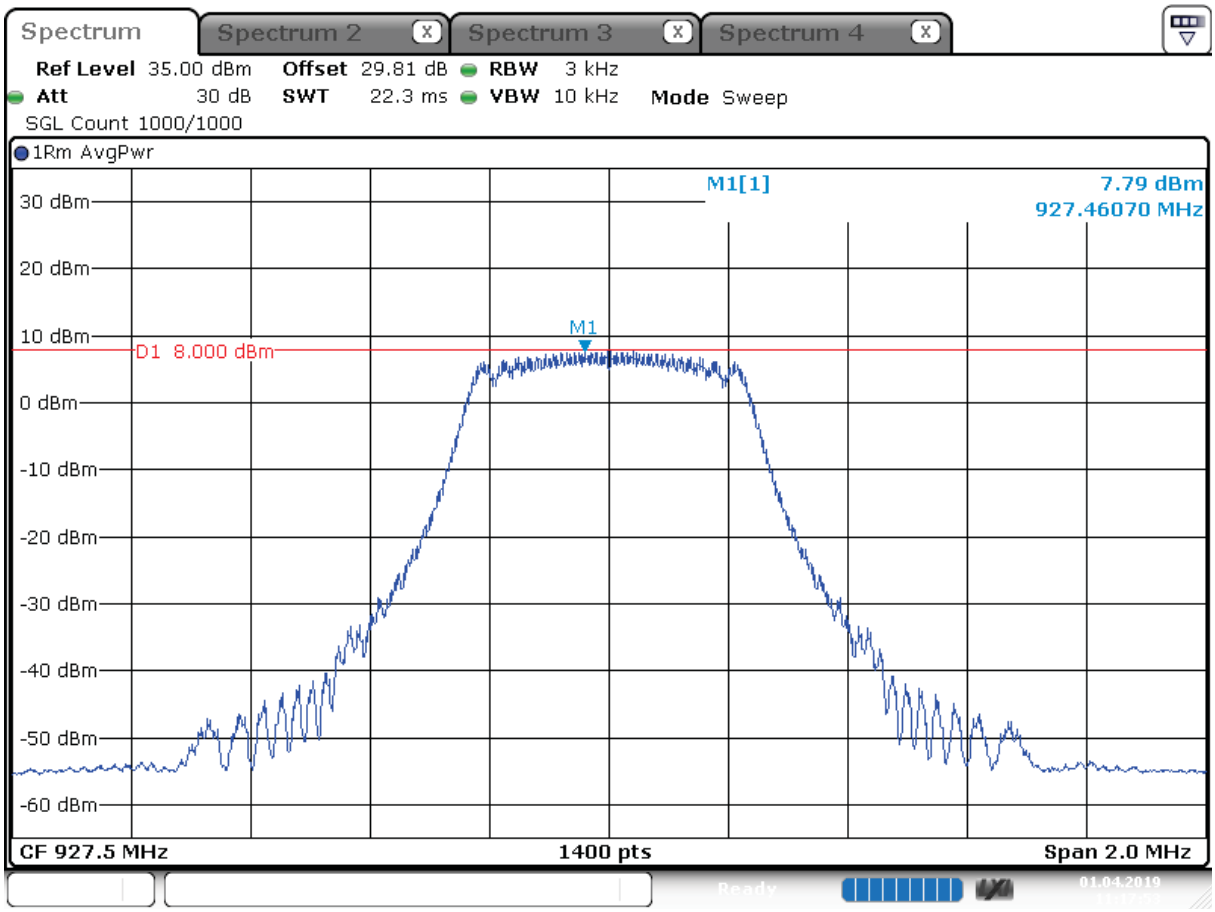
Date: 1.APR.2019 10:25:15

Frequency 925.7 MHz



Date: 1.APR.2019 11:24:49

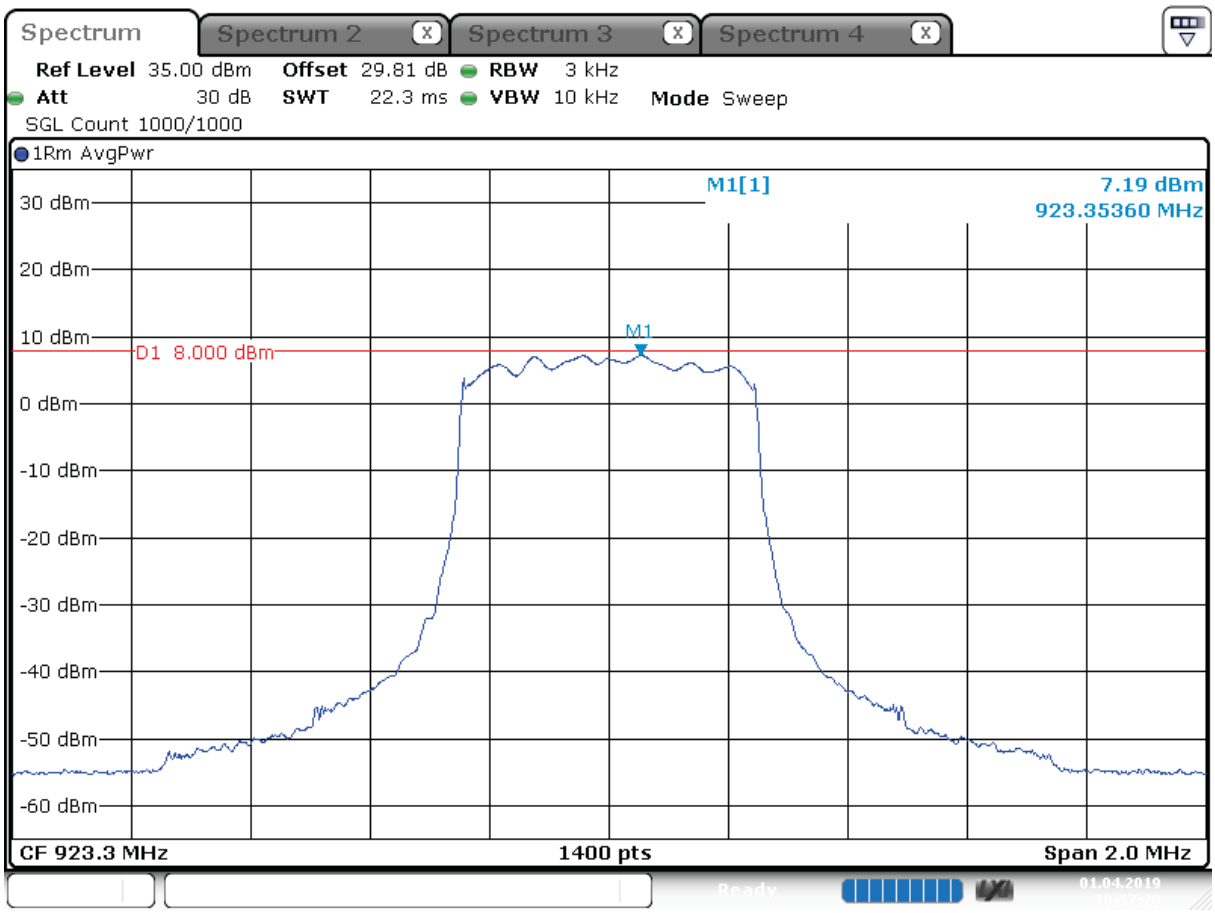
Frequency 927.5 MHz



Date: 1.APR.2019 11:17:53

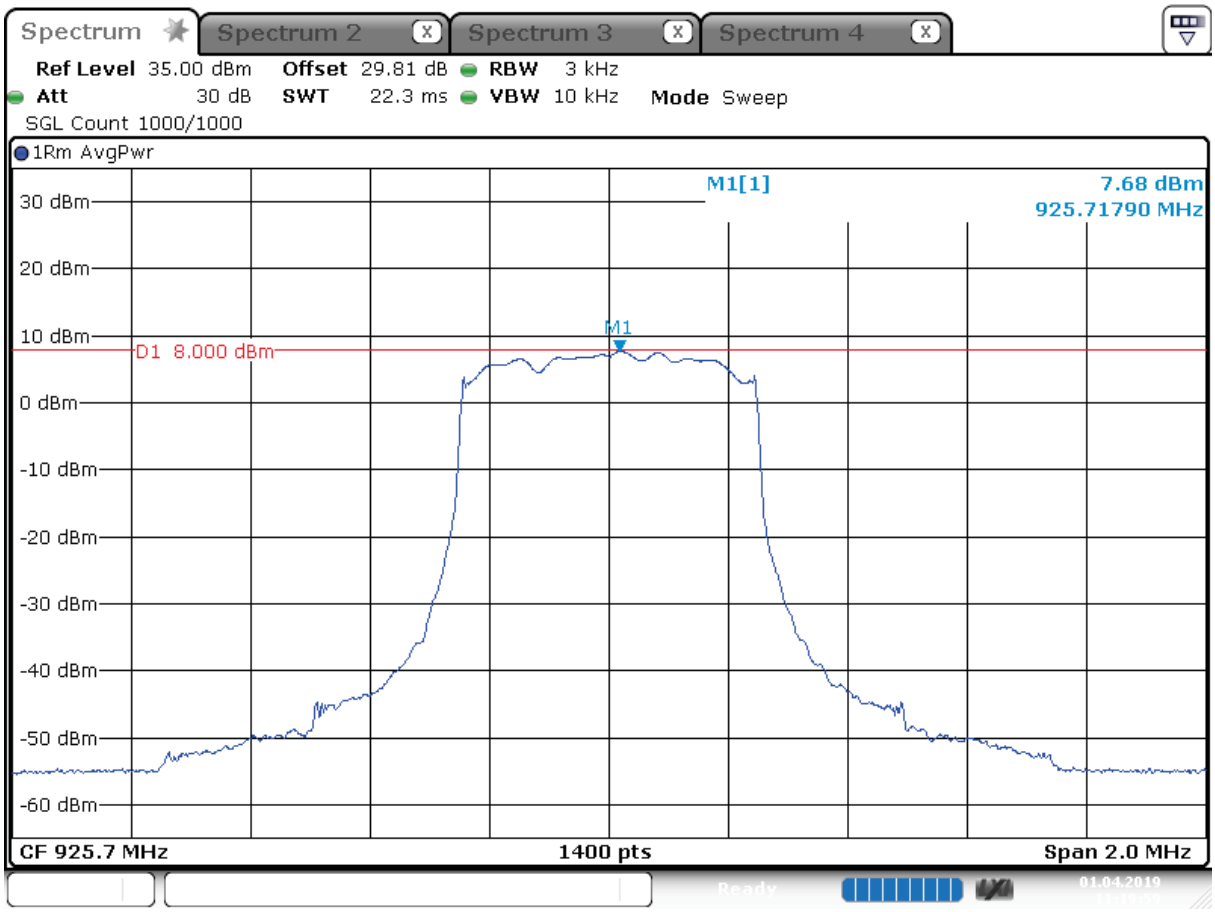
SPREAD FACTOR 12

Frequency 923.3 MHz



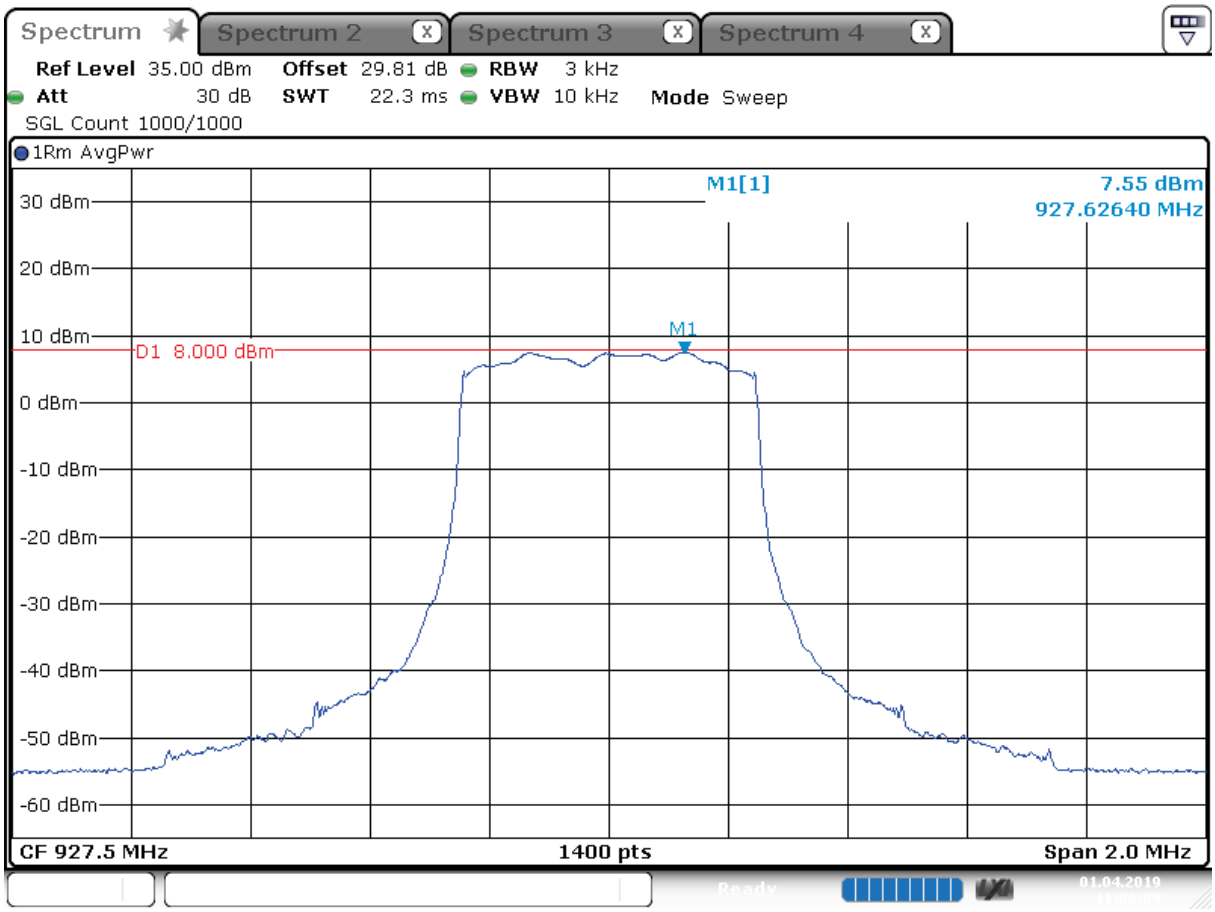
Date: 1.APR.2019 10:57:20

Frequency 925.7 MHz



Date: 1.APR.2019 11:20:00

Frequency 927.5 MHz

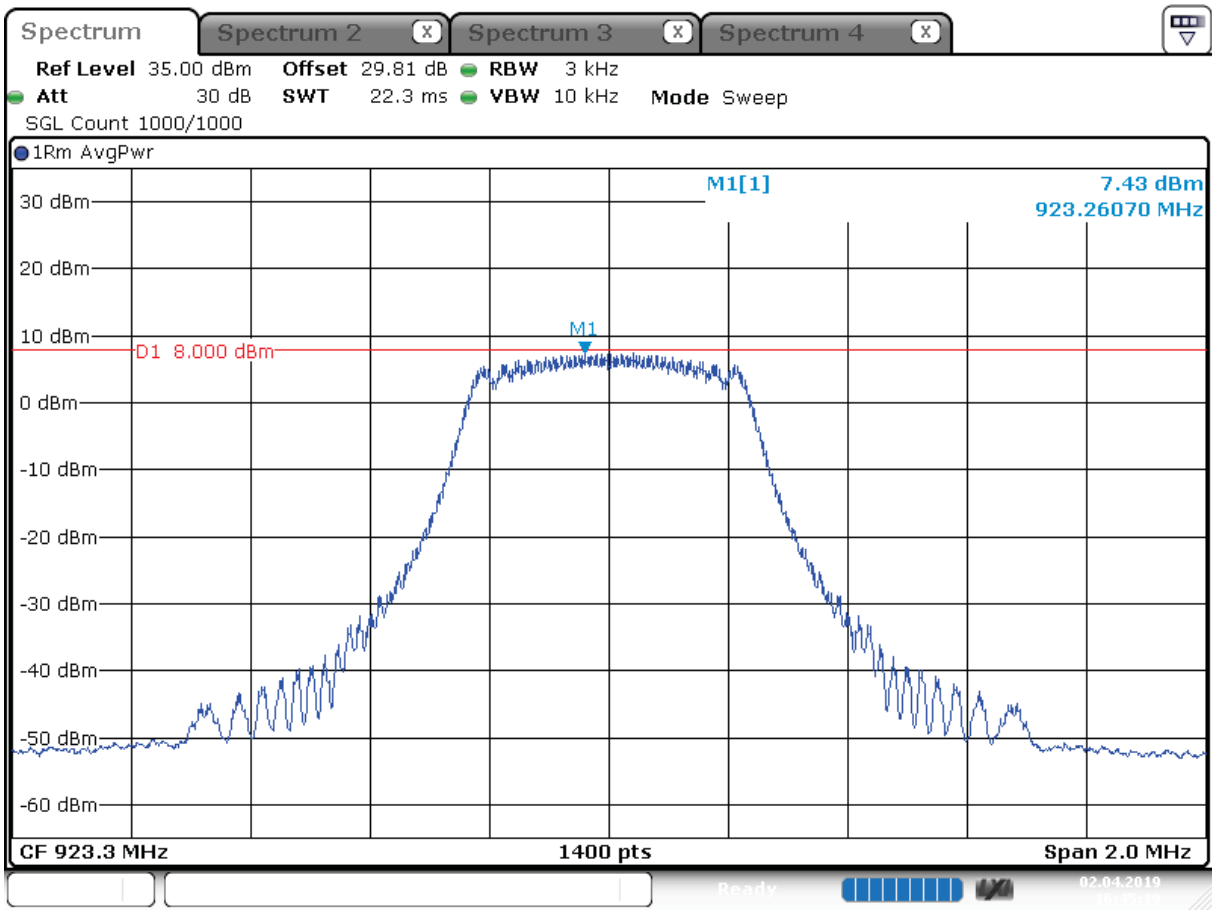


Date: 1.APR.2019 11:06:10

RF OUTPUT 2

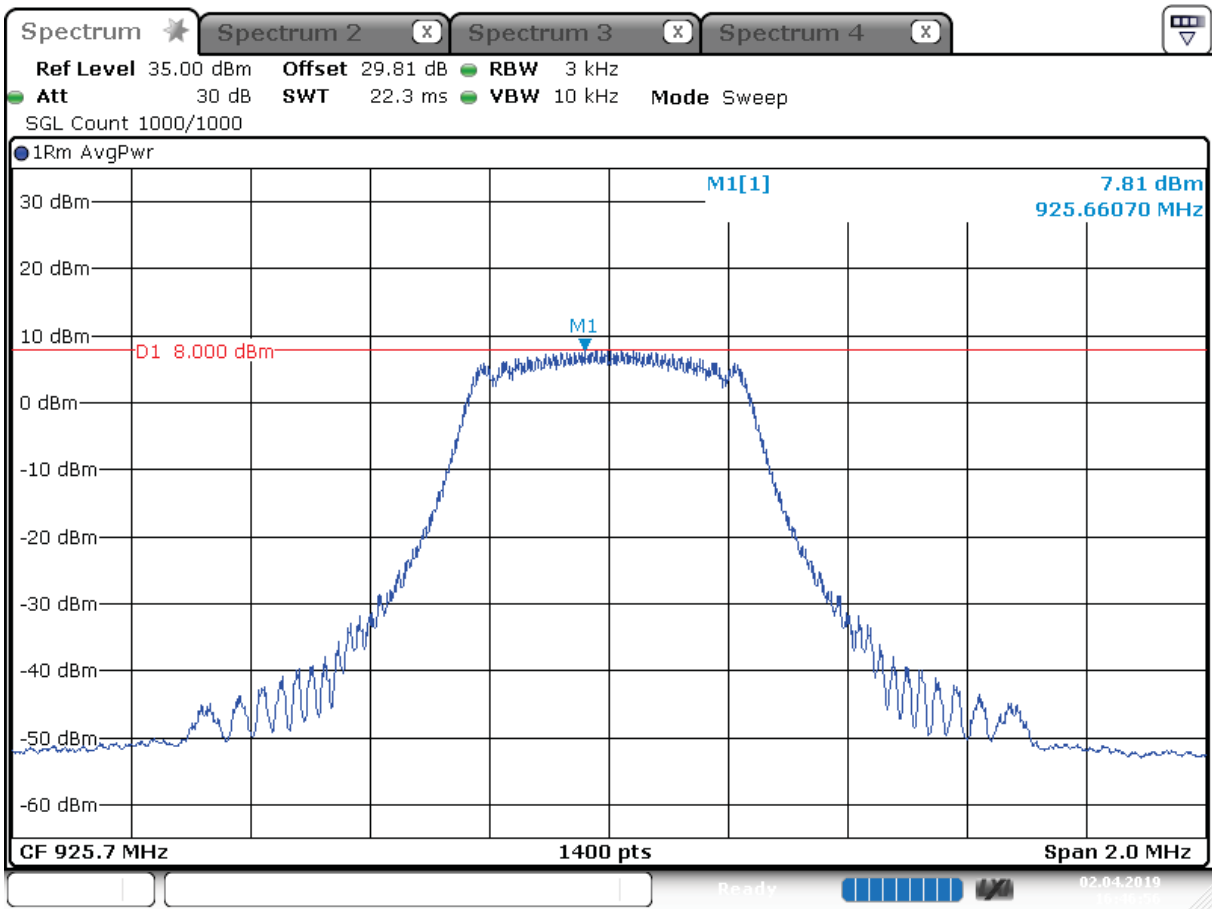
SPREAD FACTOR 7

Frequency 923.3 MHz



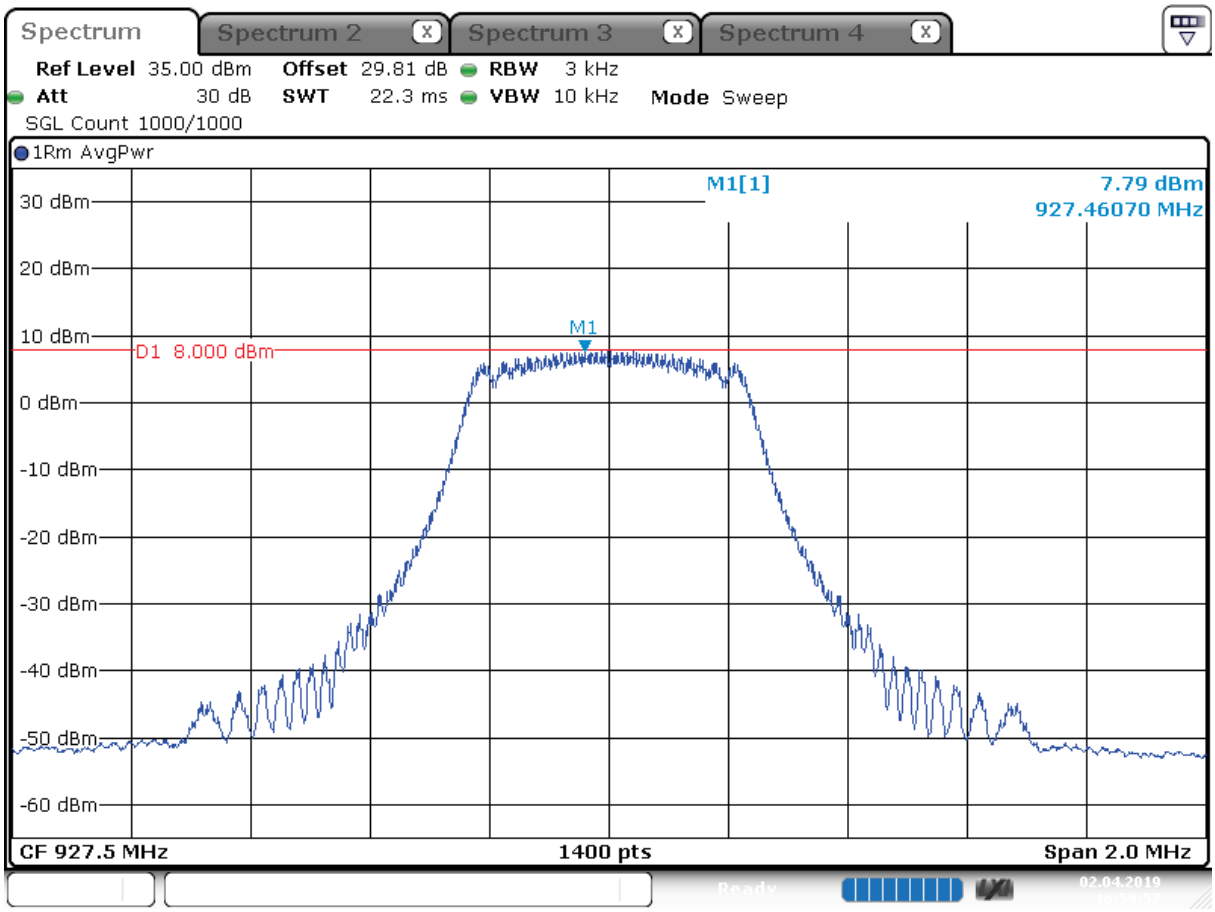
Date: 2.APR.2019 16:45:20

Frequency 925.7 MHz



Date: 2.APR.2019 16:46:56

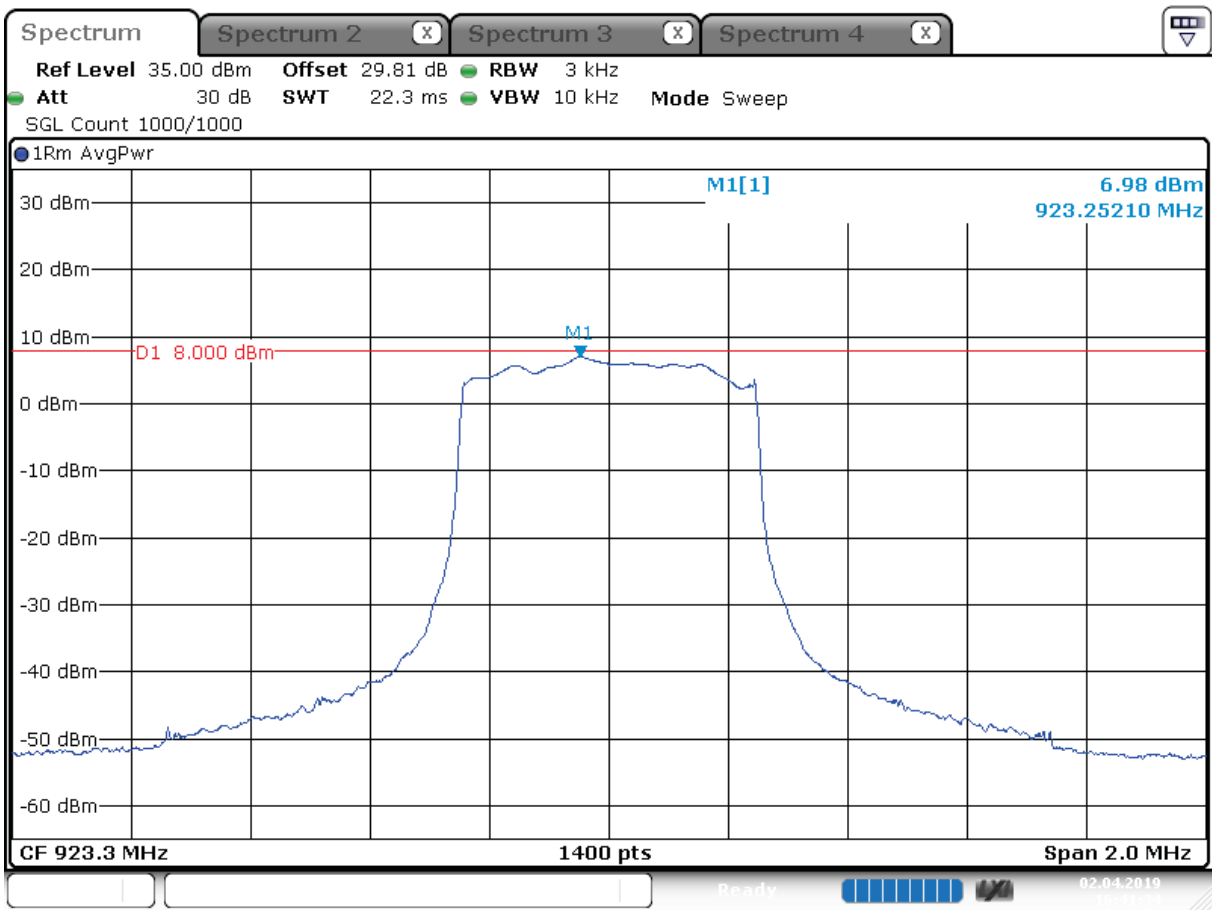
Frequency 927.5 MHz



Date: 2.APR.2019 16:59:57

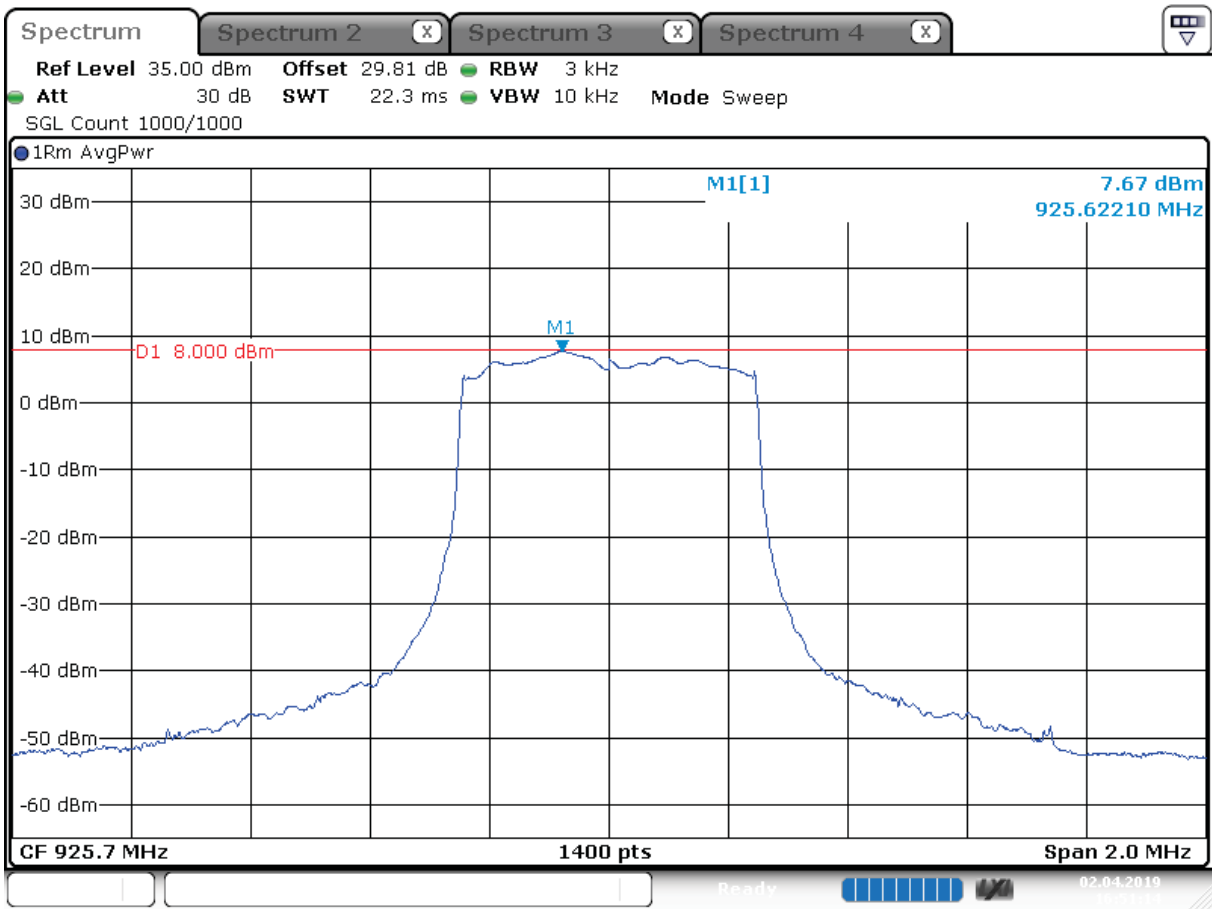
SPREAD FACTOR 12

Frequency 923.3 MHz



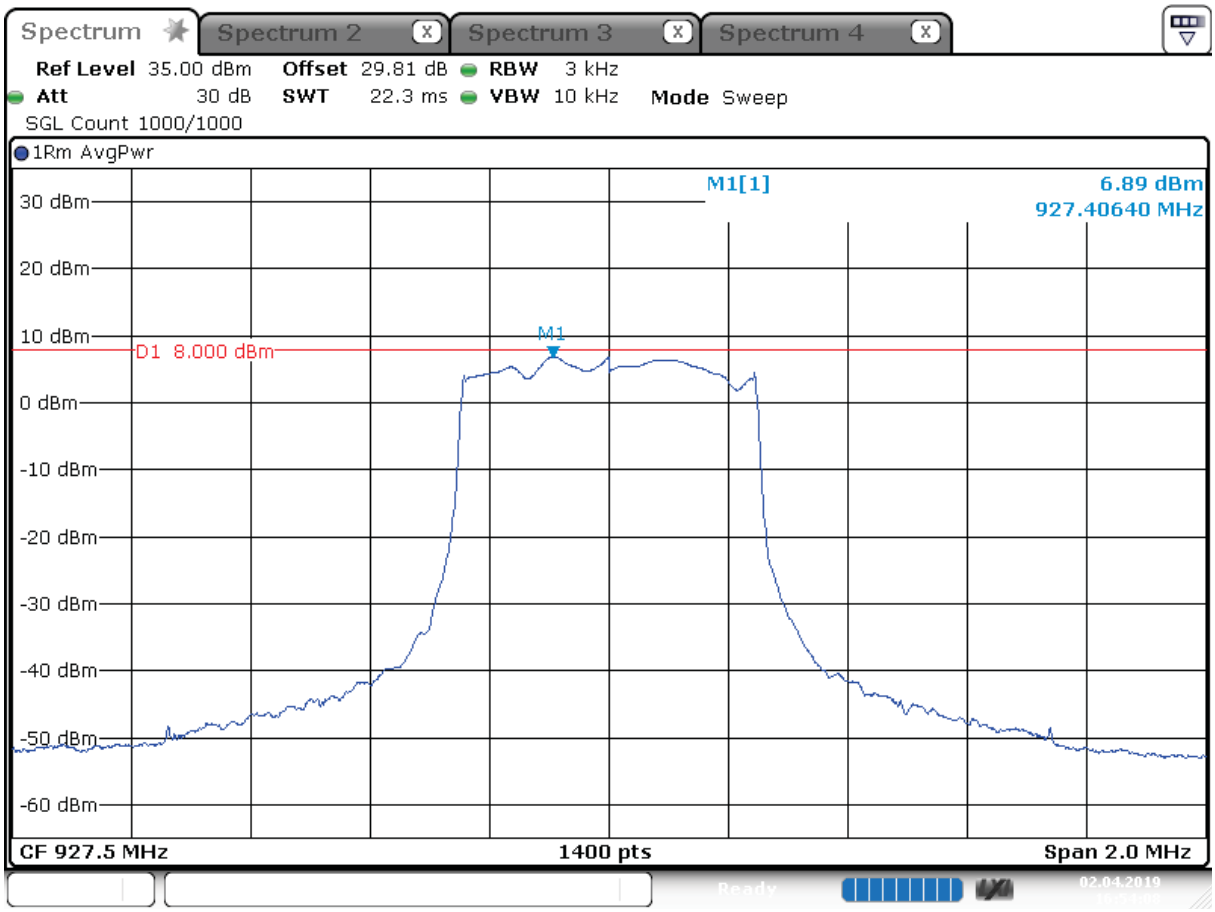
Date: 2.APR.2019 16:41:34

Frequency 925.7 MHz



Date: 2.APR.2019 16:51:14

Frequency 927.5 MHz



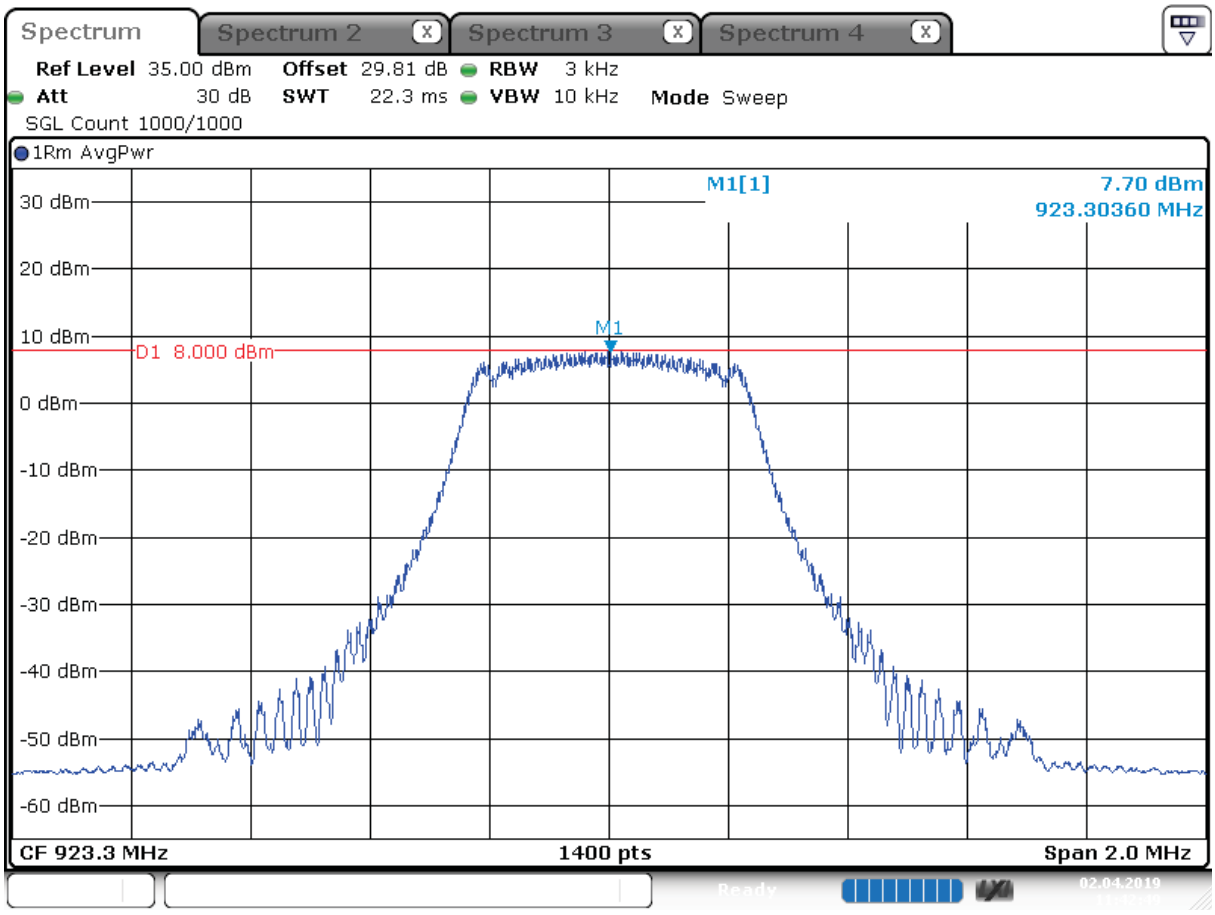
Date: 2.APR.2019 16:54:08

Module 2

RF OUTPUT 1

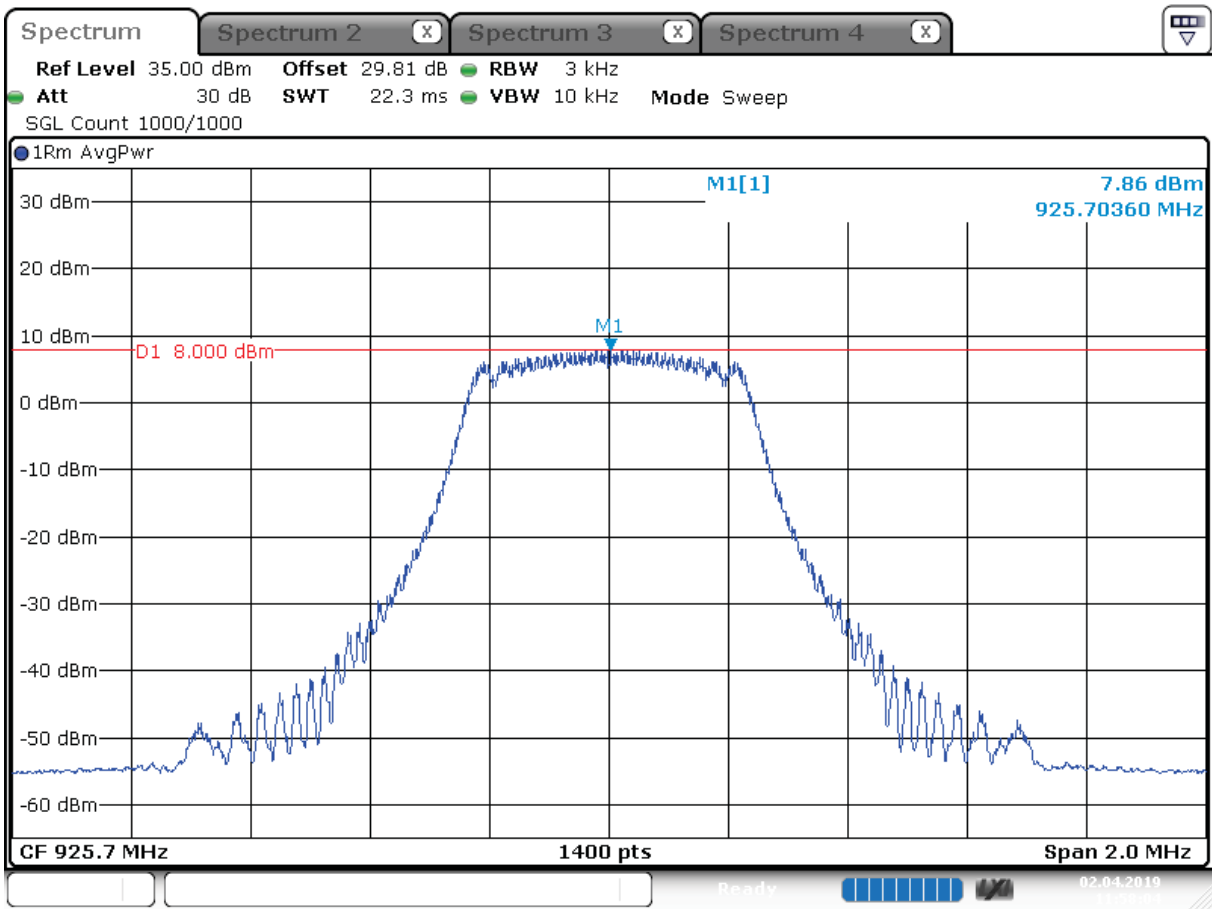
SPREAD FACTOR 7

Frequency 923.3 MHz



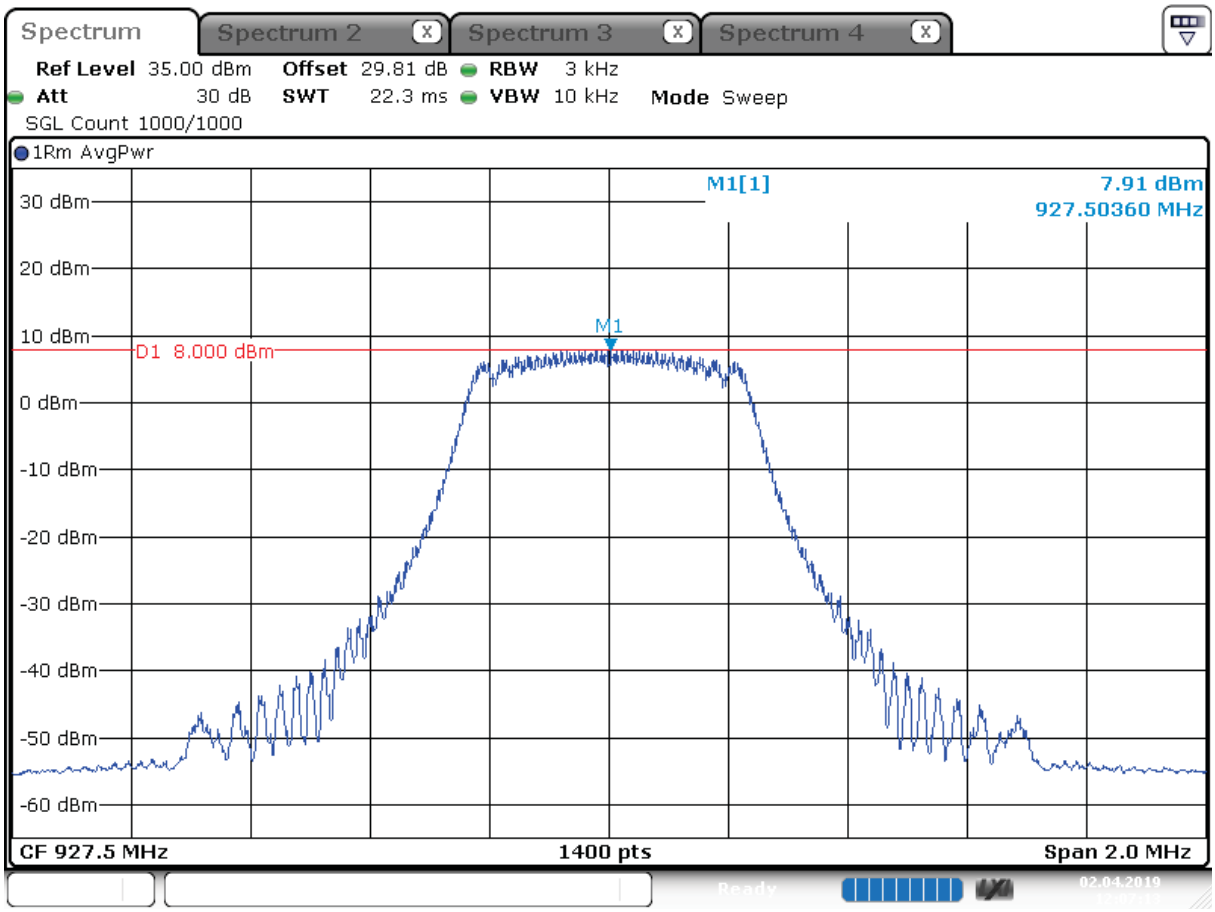
Date: 2.APR.2019 11:42:49

Frequency 925.7 MHz



Date: 2.APR.2019 11:58:04

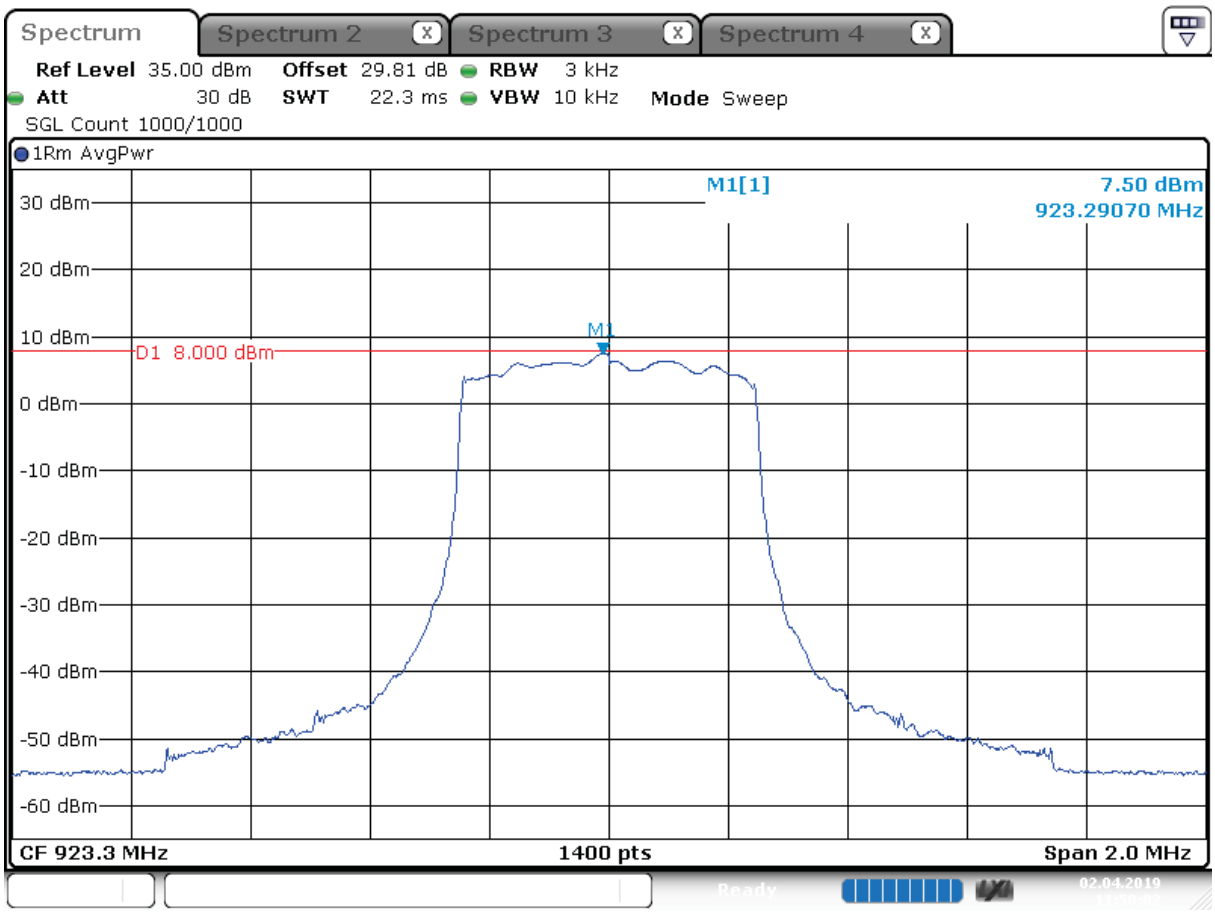
Frequency 927.5 MHz



Date: 2.APR.2019 12:07:14

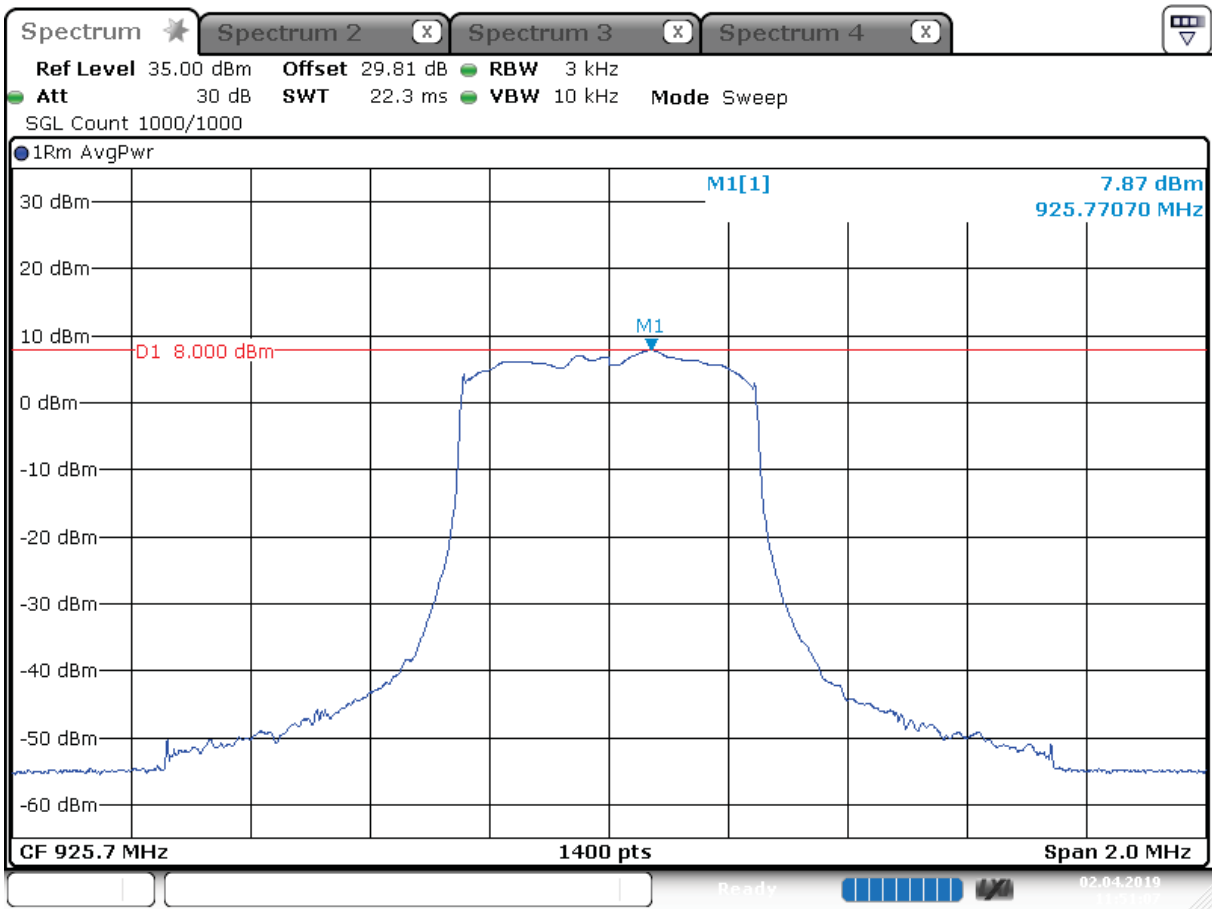
SPREAD FACTOR 12

Frequency 923.3 MHz



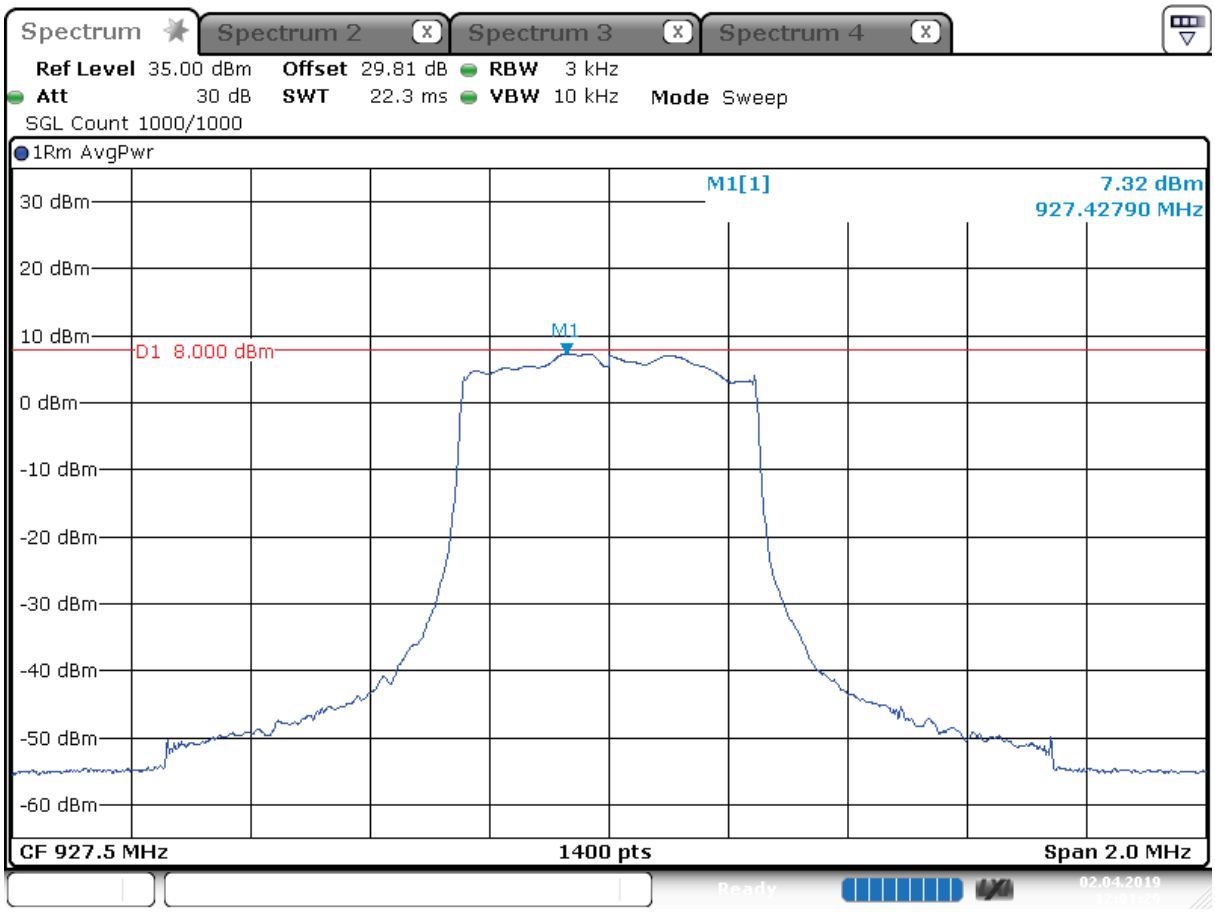
Date: 2.APR.2019 11:50:02

Frequency 925.7 MHz



Date: 2.APR.2019 11:51:08

Frequency 927.5 MHz

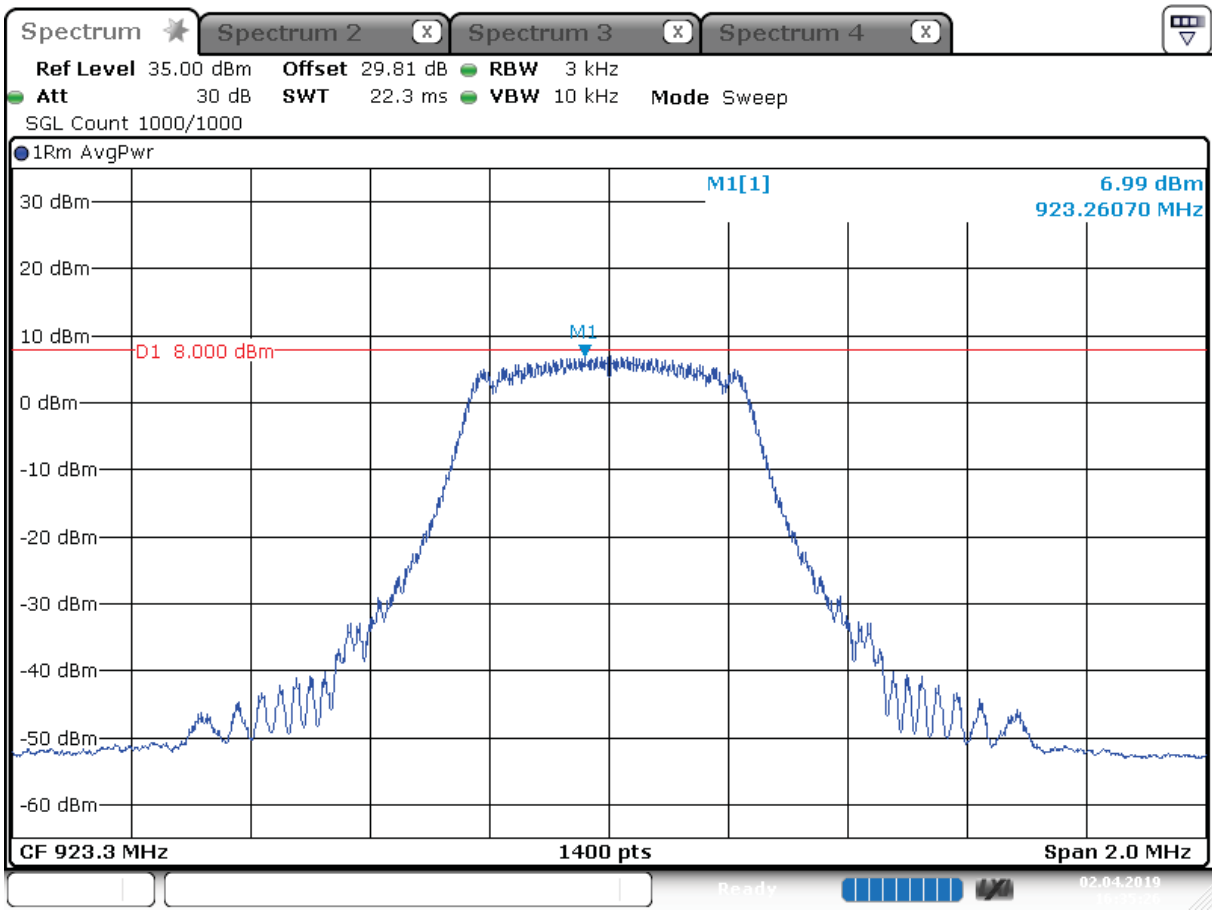


Date: 2.APR.2019 12:01:29

RF OUTPUT 2

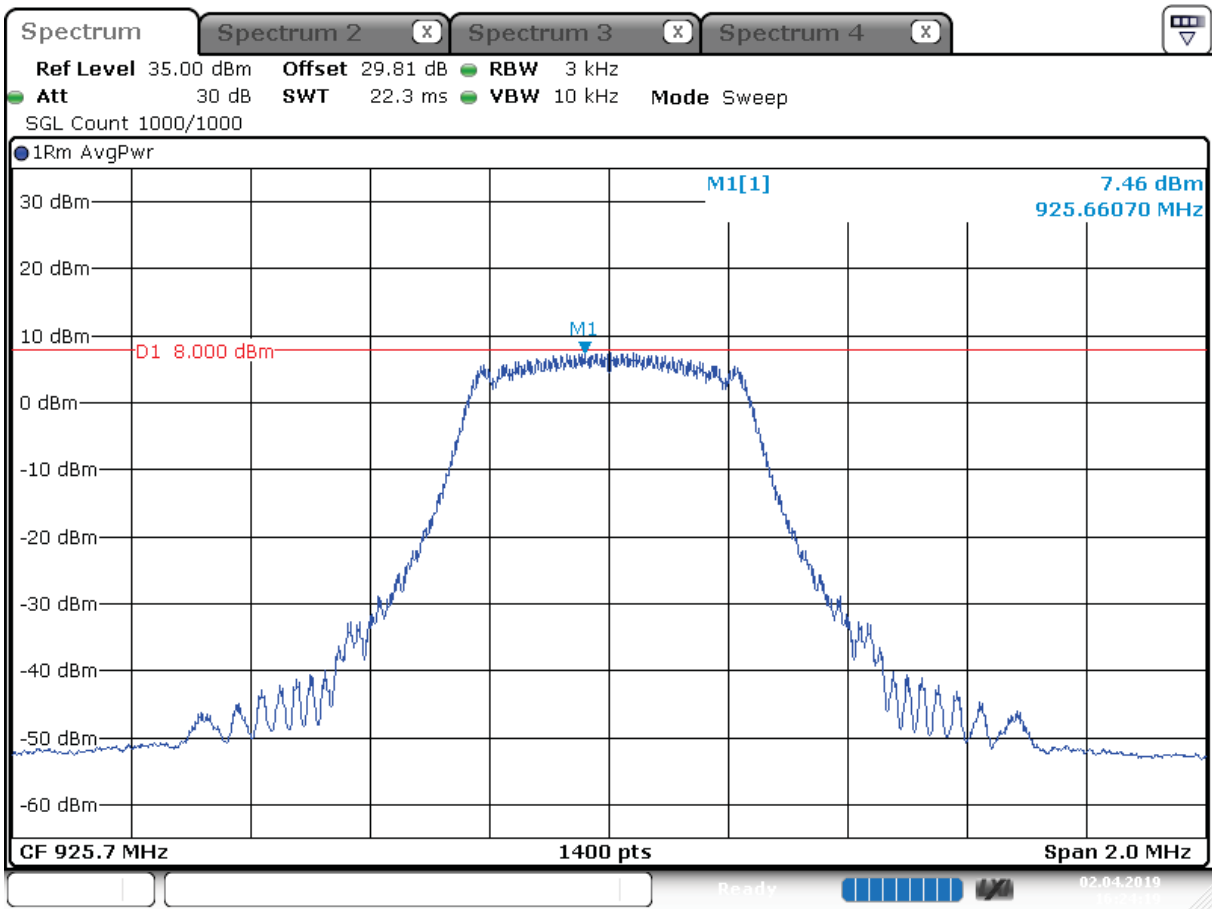
SPREAD FACTOR 7

Frequency 923.3 MHz



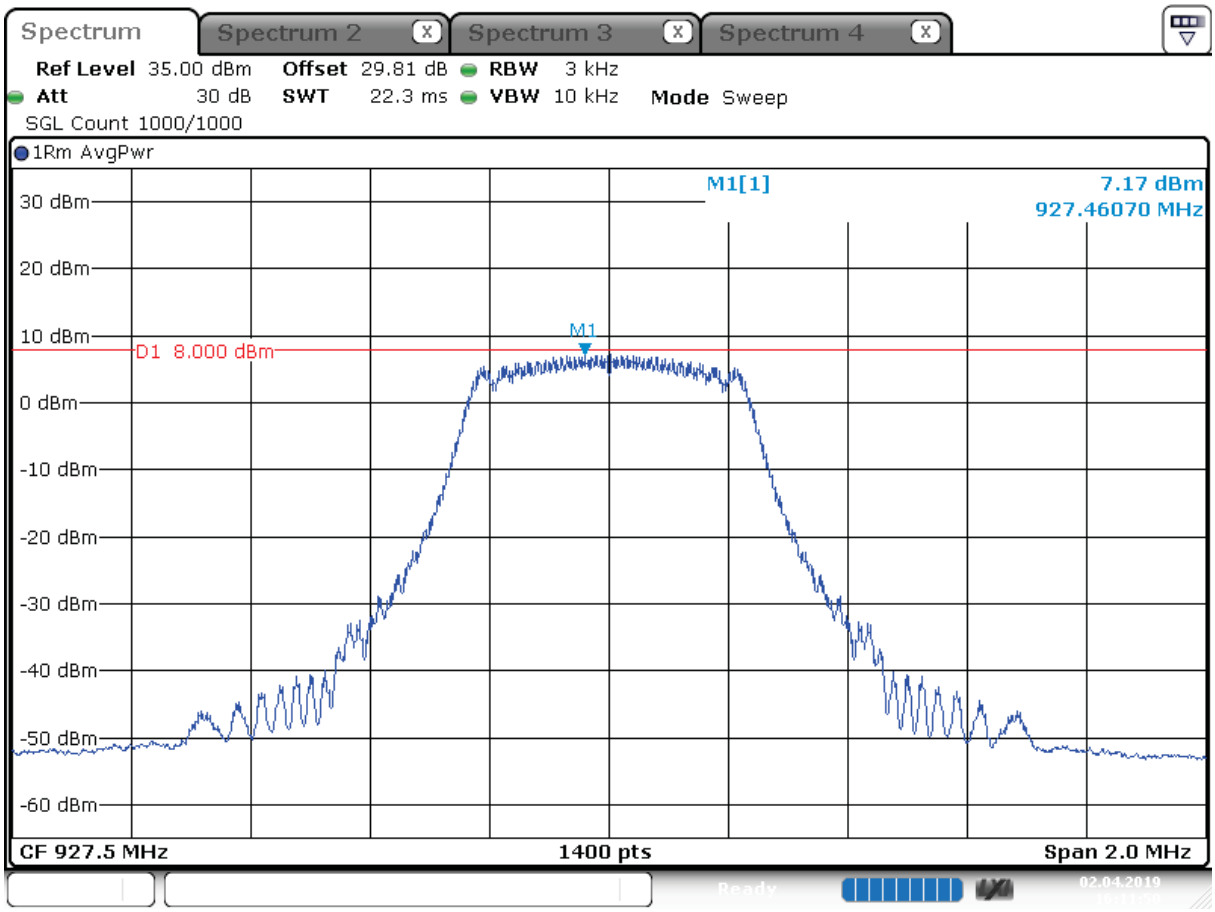
Date: 2.APR.2019 16:35:26

Frequency 925.7 MHz



Date: 2.APR.2019 16:24:19

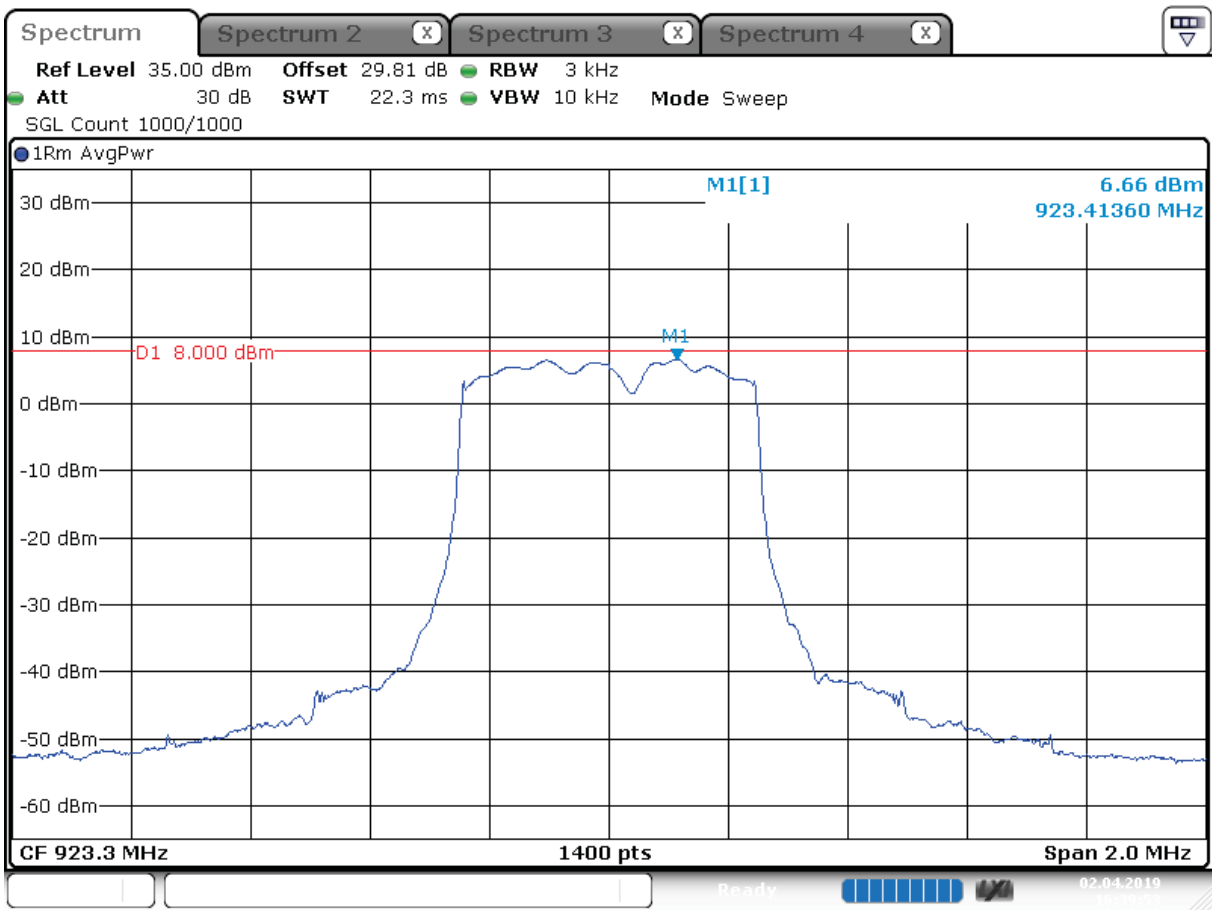
Frequency 927.5 MHz



Date: 2.APR.2019 16:11:50

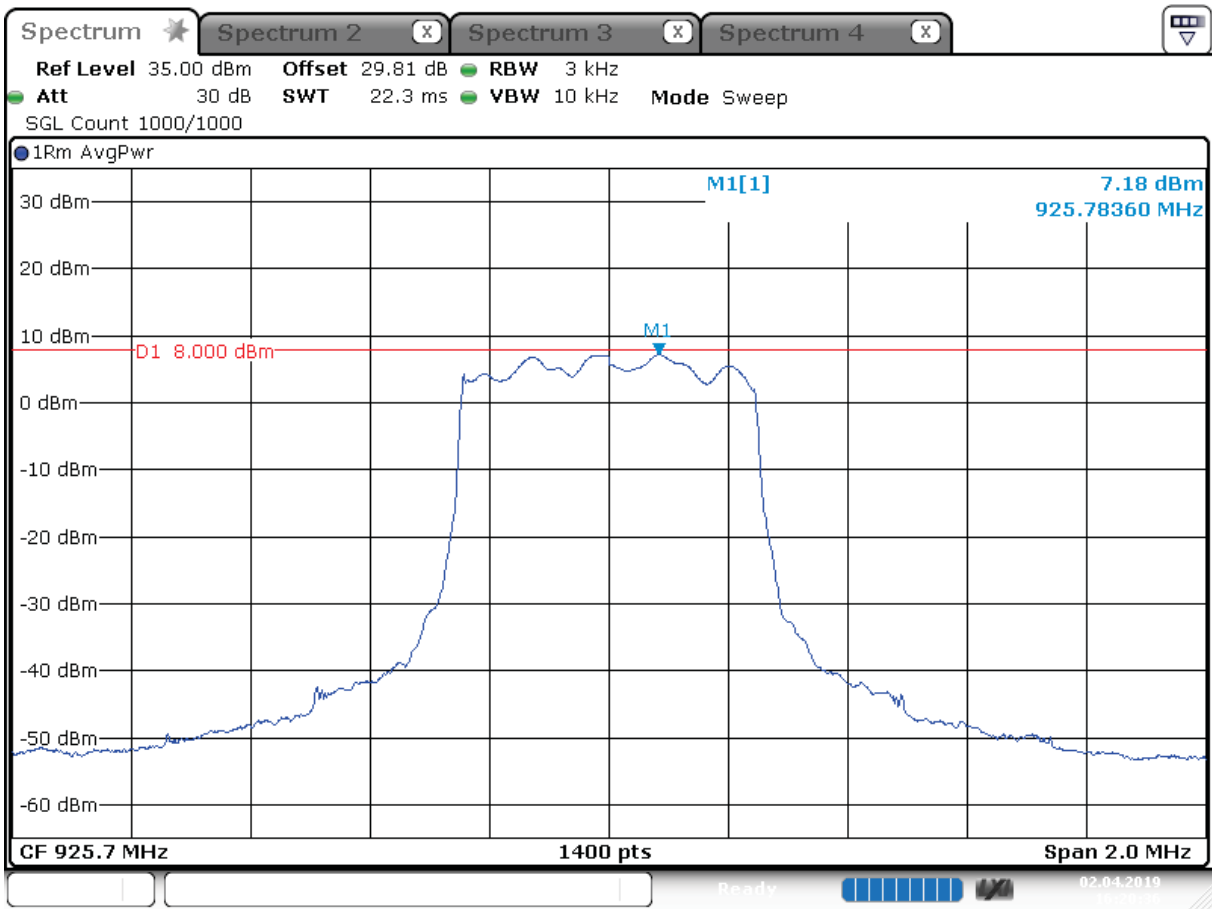
SPREAD FACTOR 12

Frequency 923.3 MHz



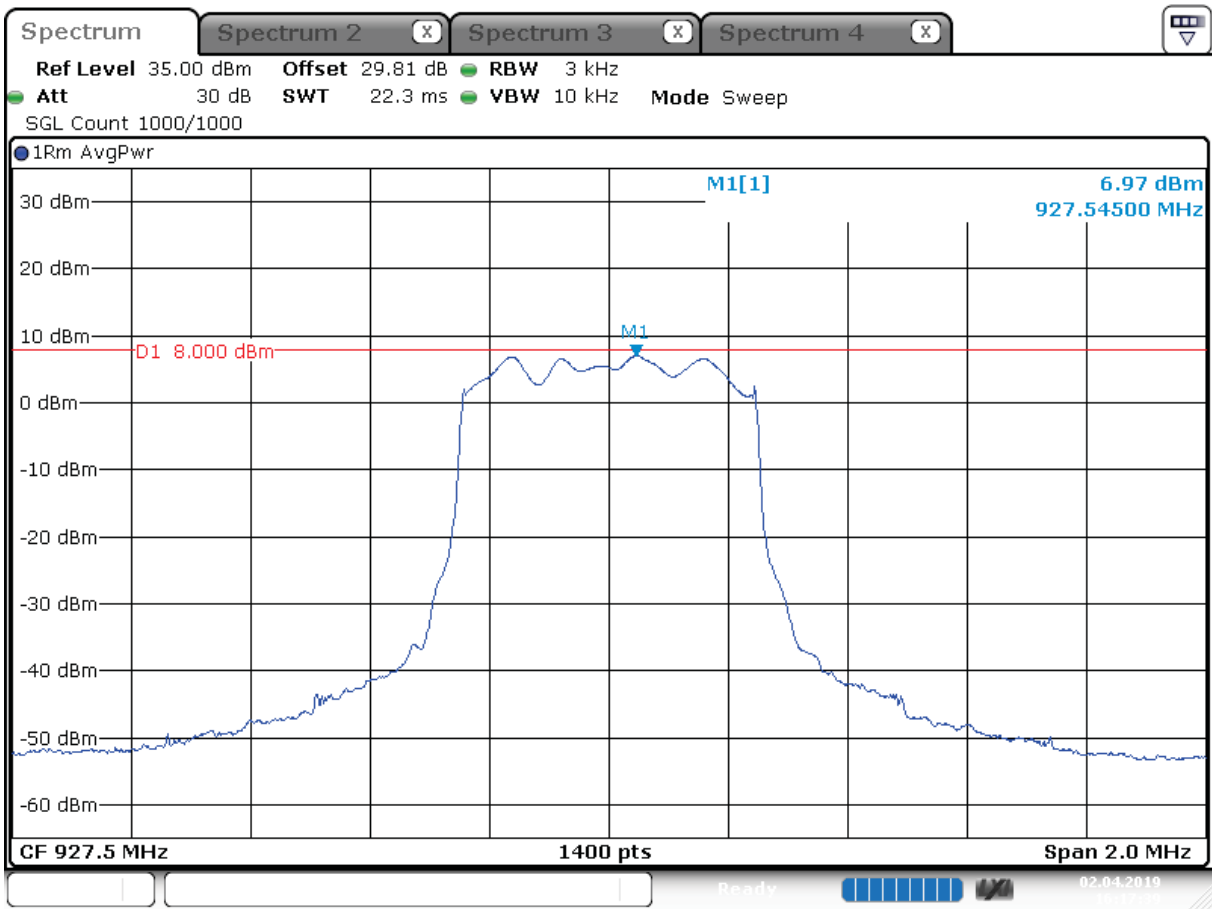
Date: 2.APR.2019 16:39:54

Frequency 925.7 MHz



Date: 2.APR.2019 16:20:36

Frequency 927.5 MHz



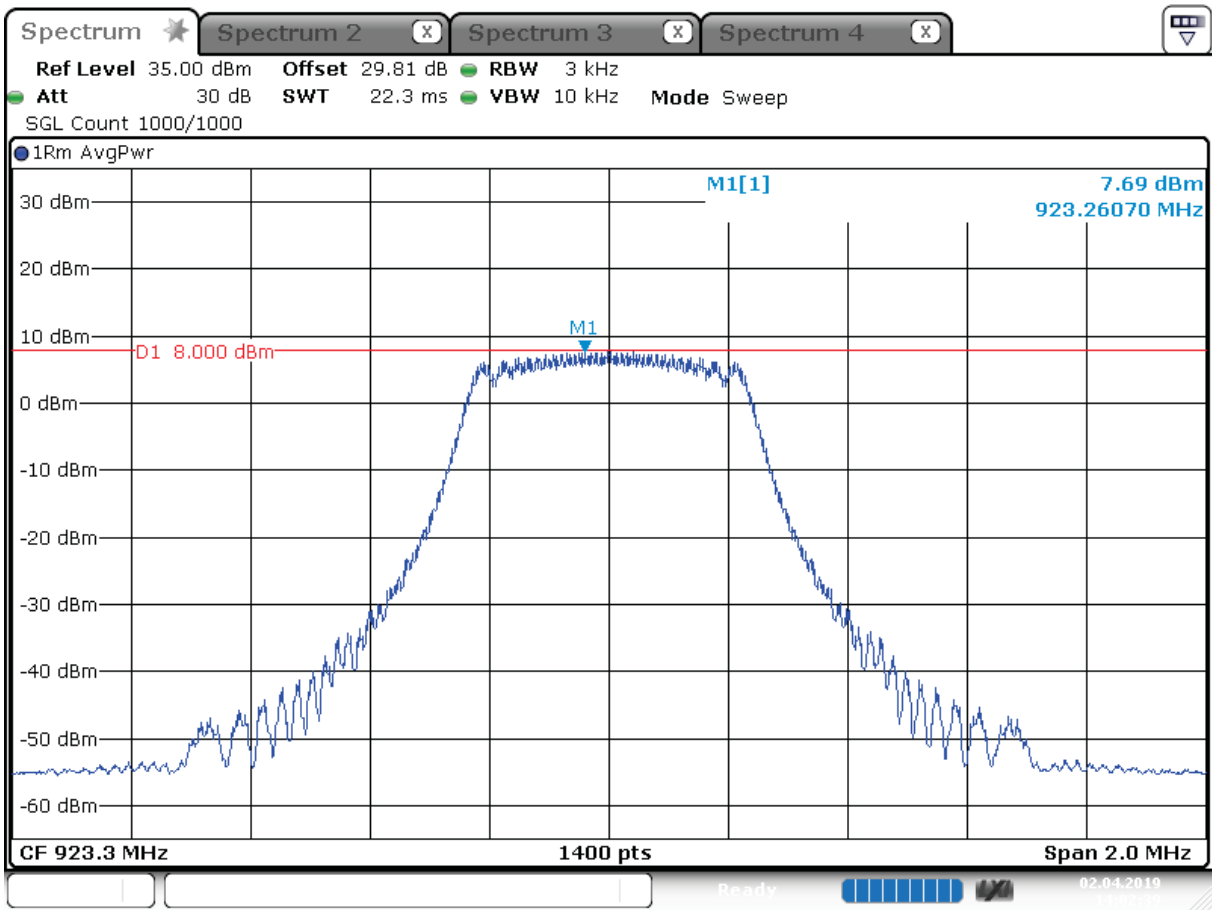
Date: 2.APR.2019 16:17:39

Module 3

RF OUTPUT 1

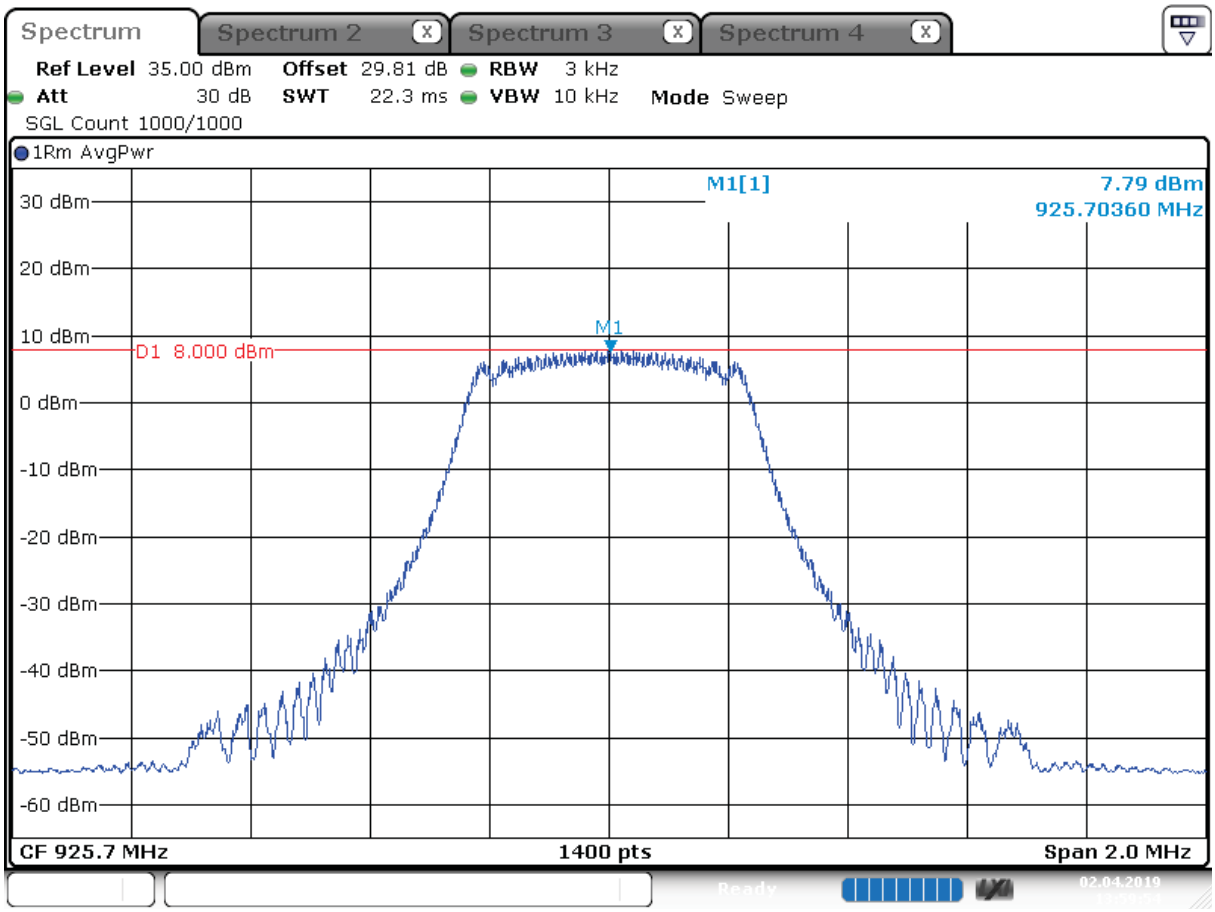
SPREAD FACTOR 7

Frequency 923.3 MHz



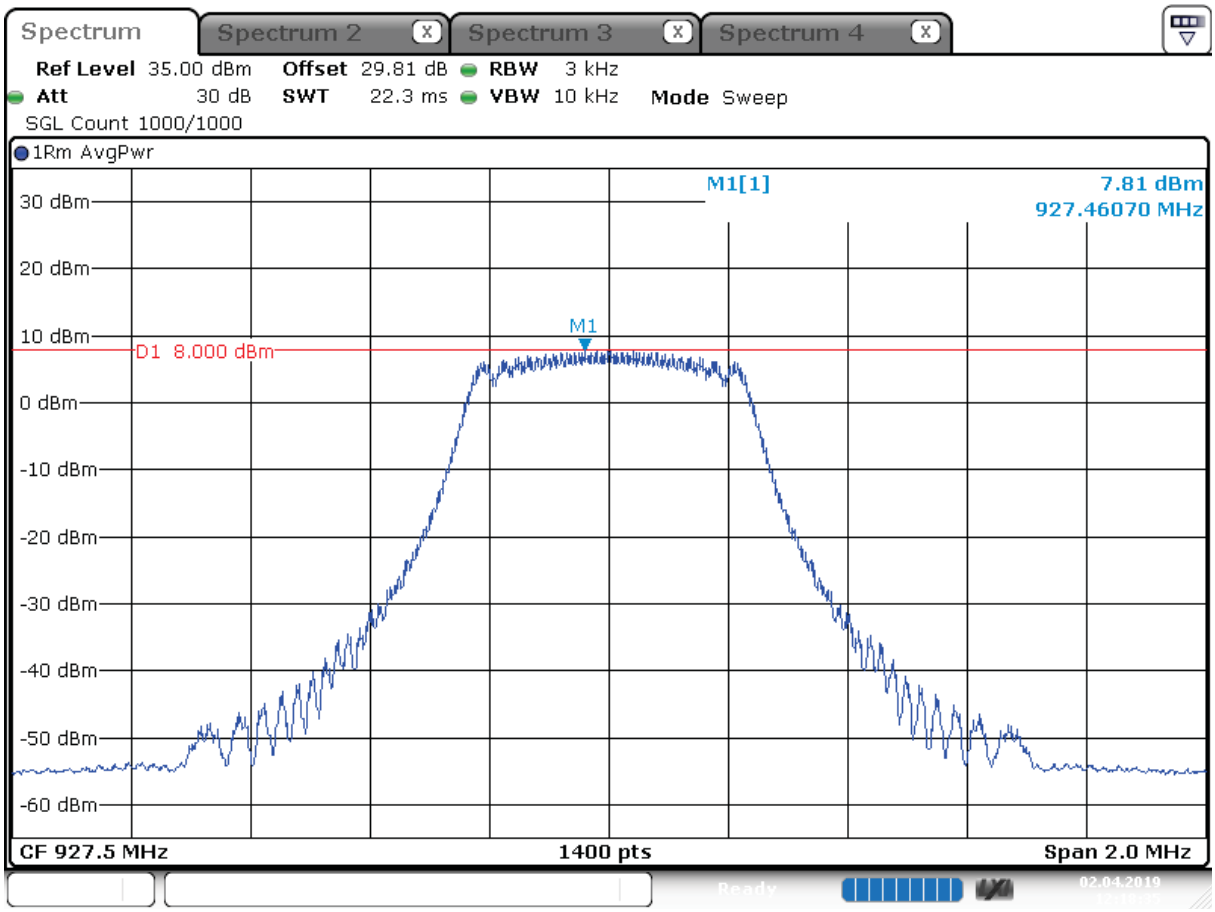
Date: 2.APR.2019 14:02:39

Frequency 925.7 MHz



Date: 2.APR.2019 13:59:55

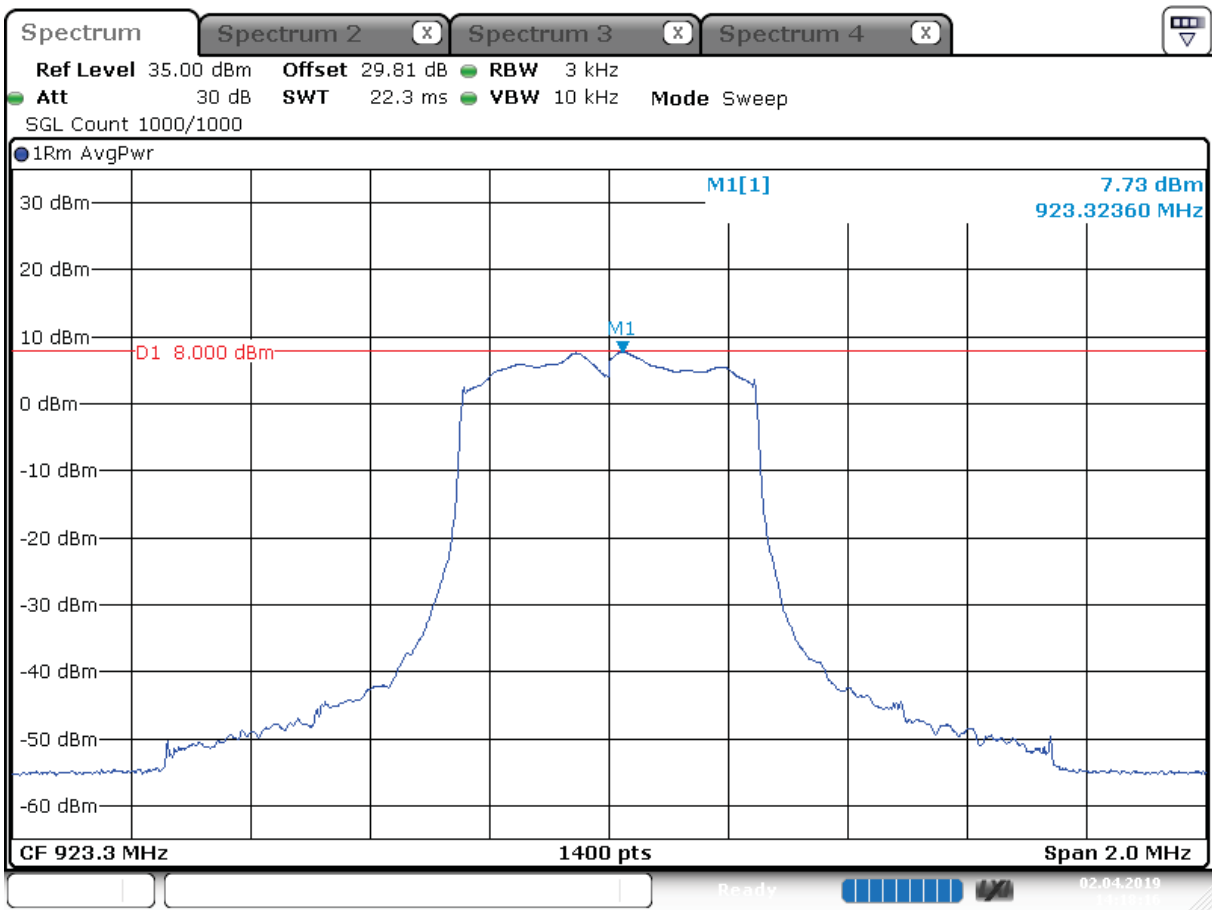
Frequency 927.5 MHz



Date: 2.APR.2019 12:18:36

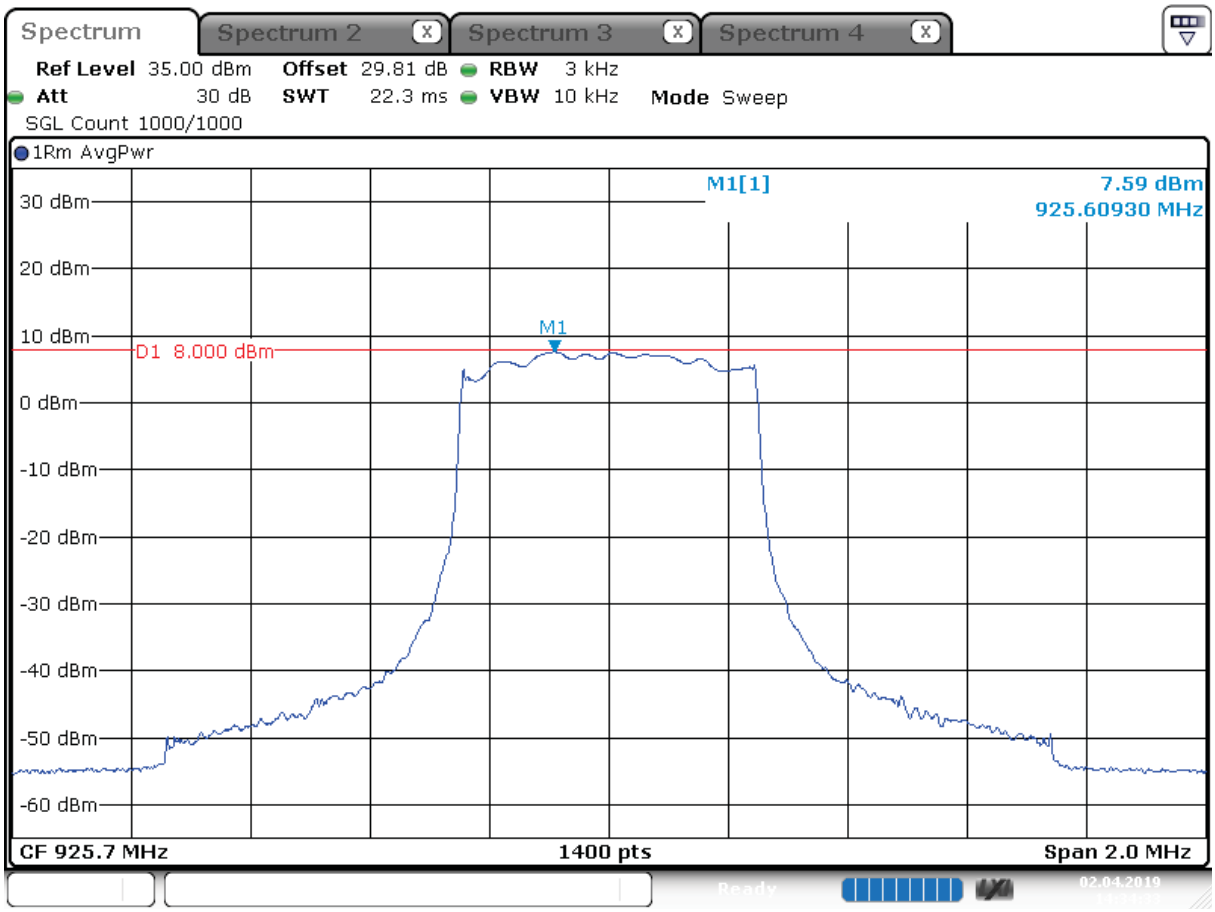
SPREAD FACTOR 12

Frequency 923.3 MHz



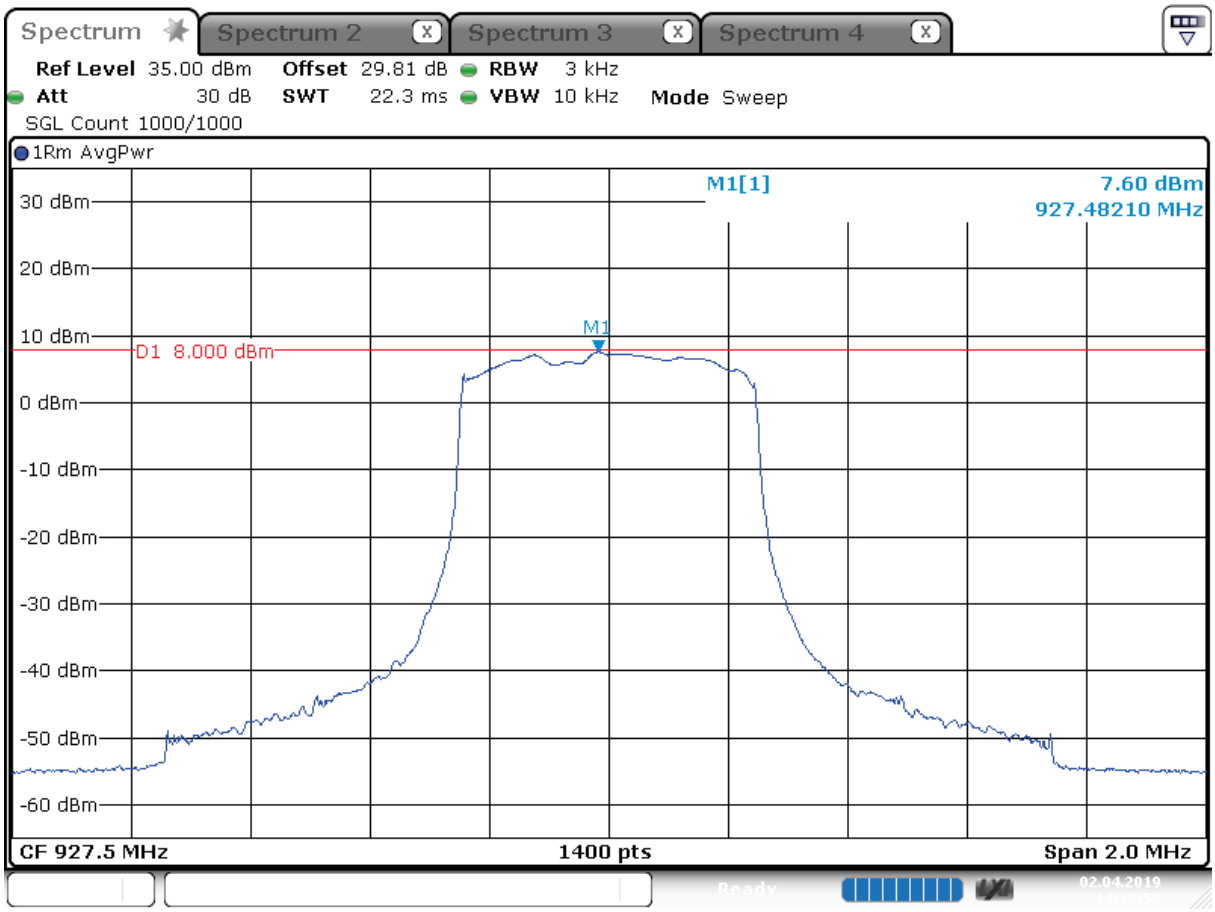
Date: 2.APR.2019 14:18:16

Frequency 925.7 MHz



Date: 2.APR.2019 14:34:34

Frequency 927.5 MHz

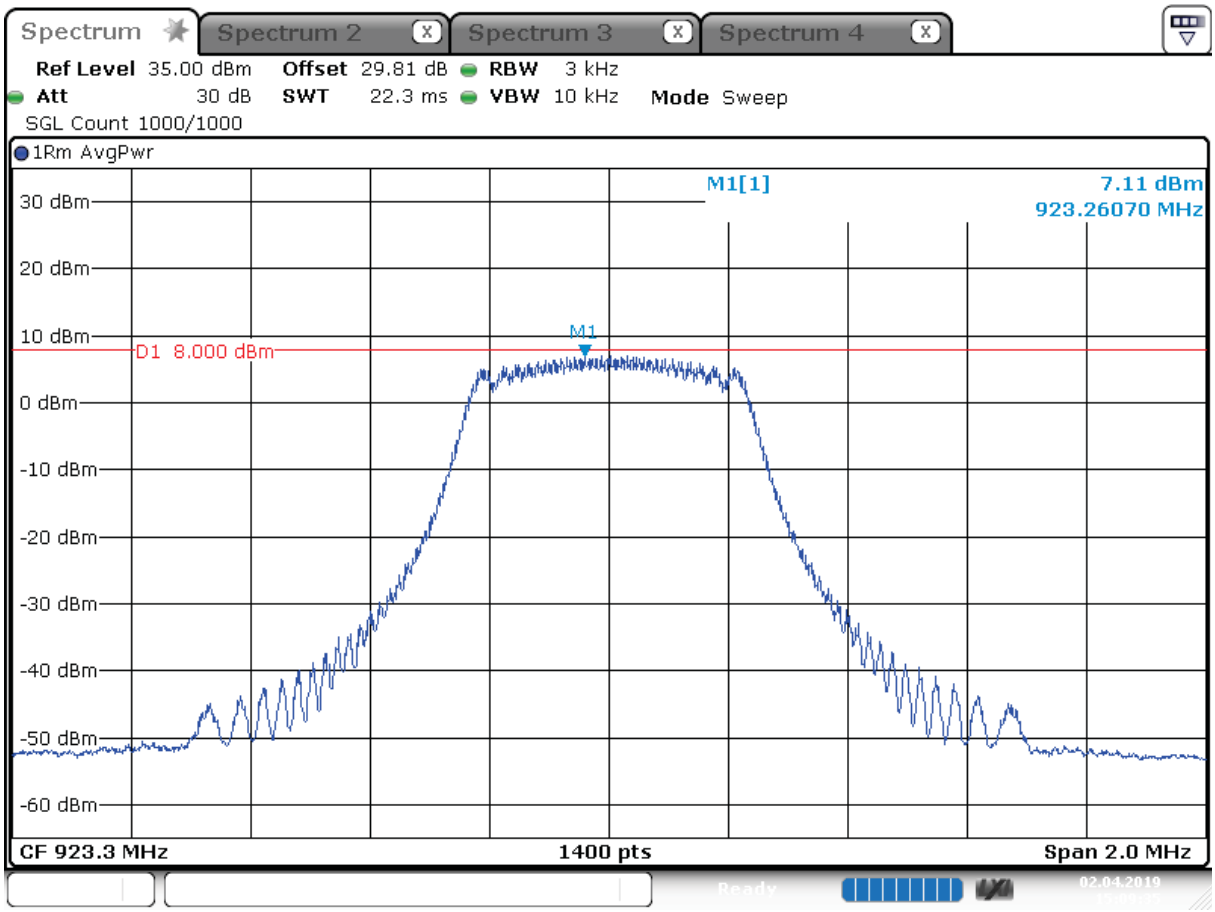


Date: 2.APR.2019 14:38:50

RF OUTPUT 2

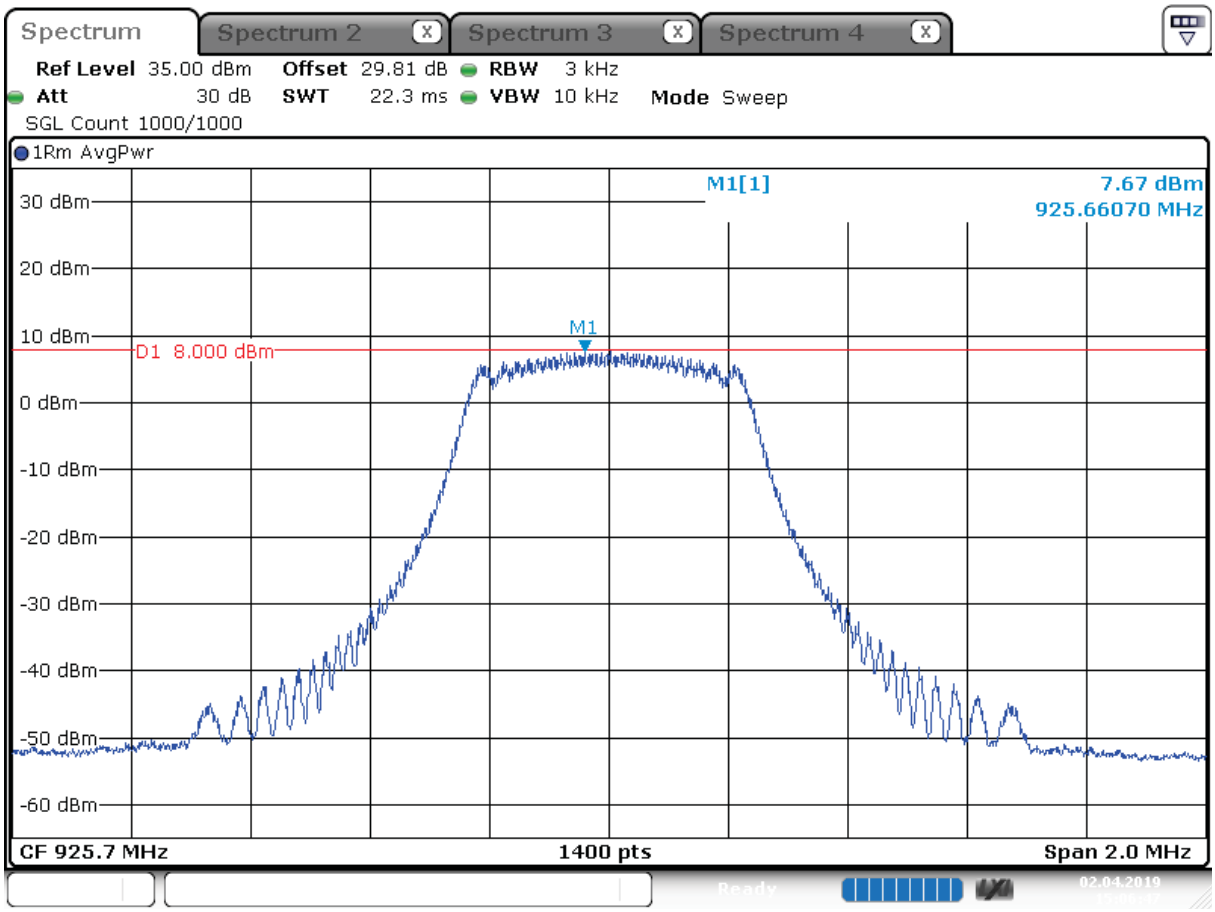
SPREAD FACTOR 7

Frequency 923.3 MHz



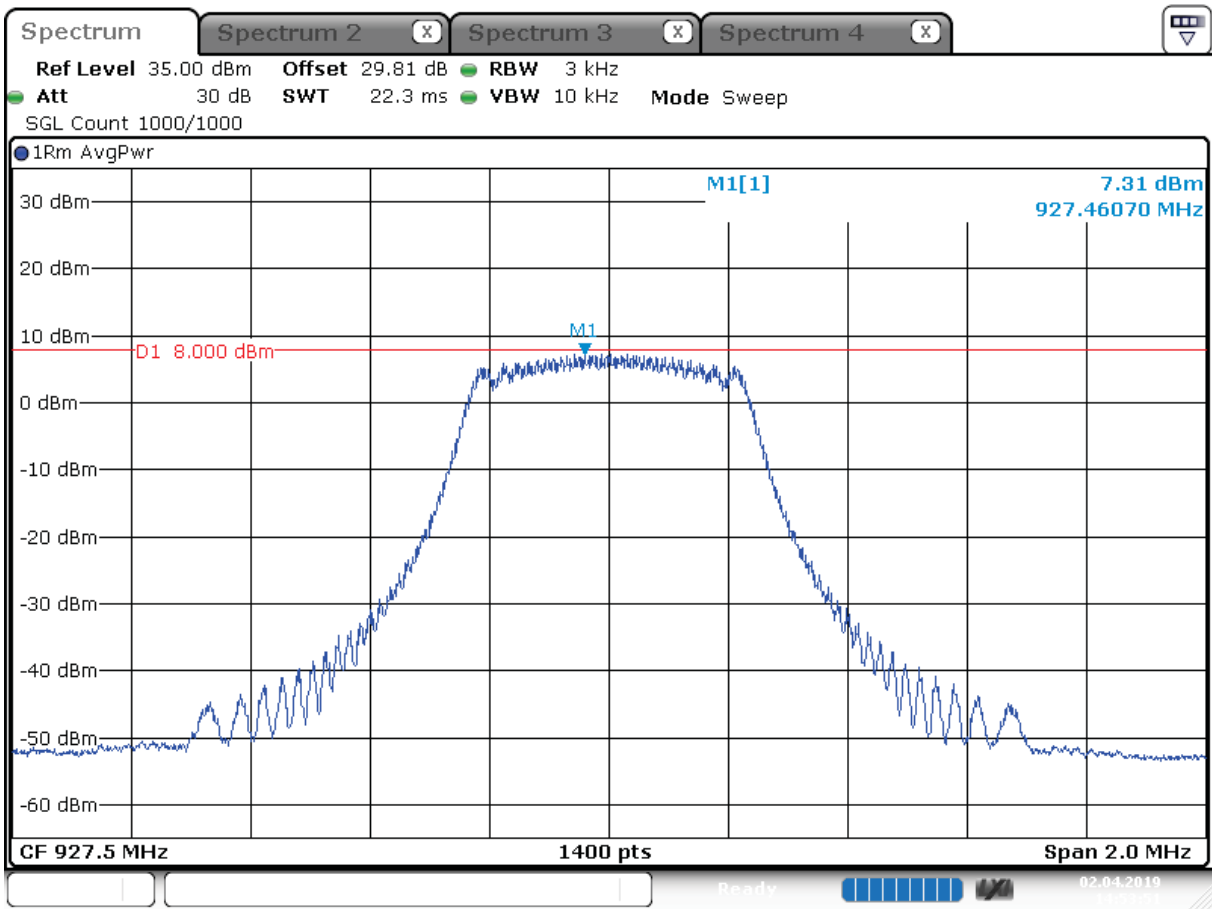
Date: 2.APR.2019 15:09:35

Frequency 925.7 MHz



Date: 2.APR.2019 15:06:47

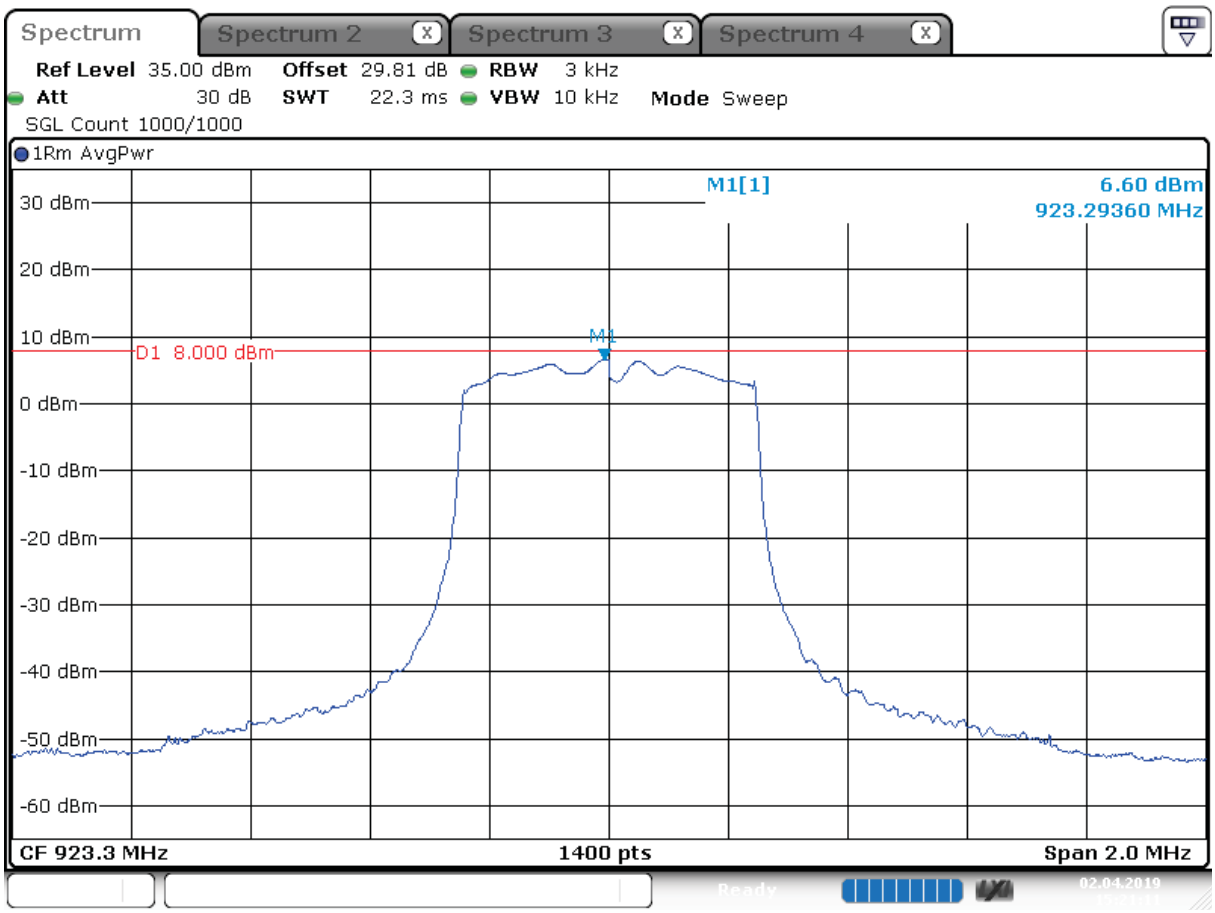
Frequency 927.5 MHz



Date: 2.APR.2019 14:53:51

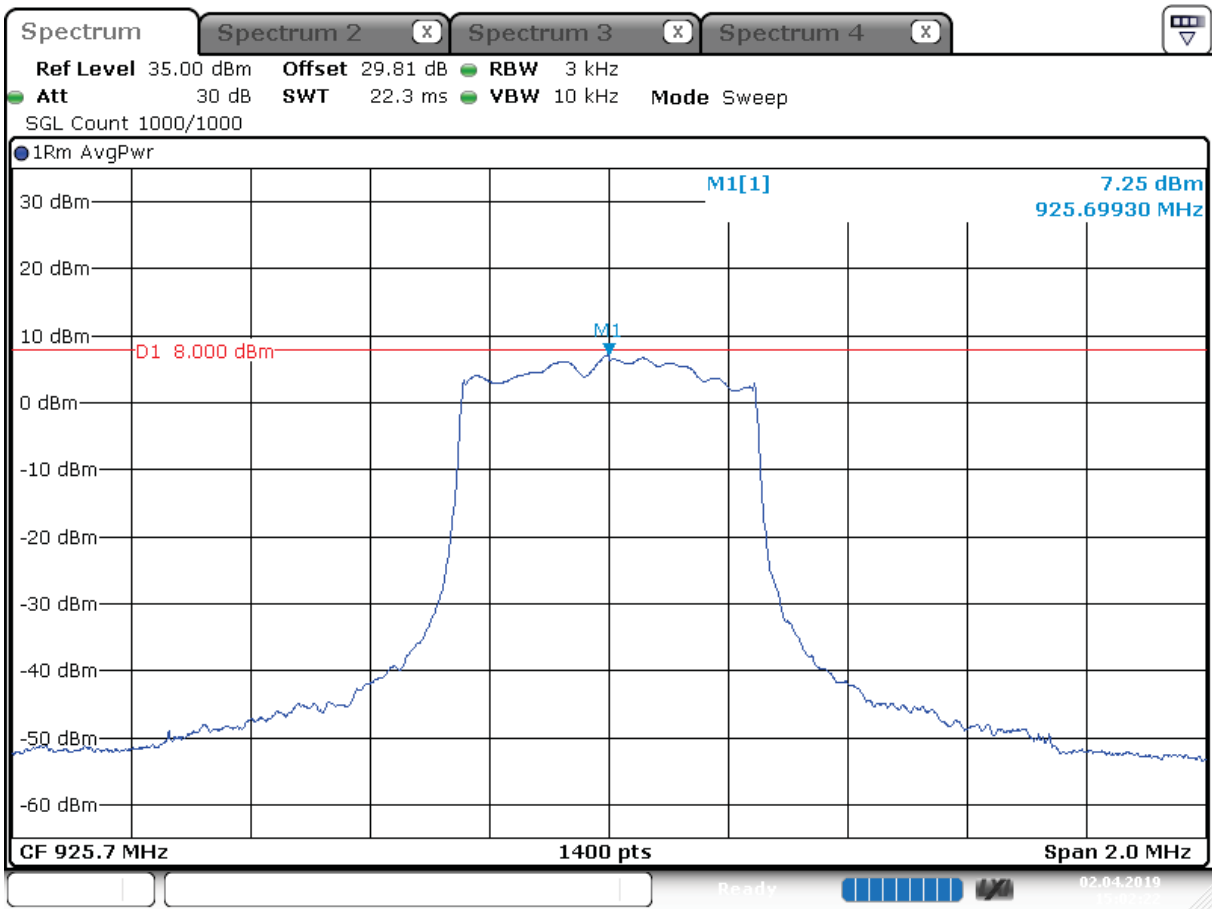
SPREAD FACTOR 12

Frequency 923.3 MHz



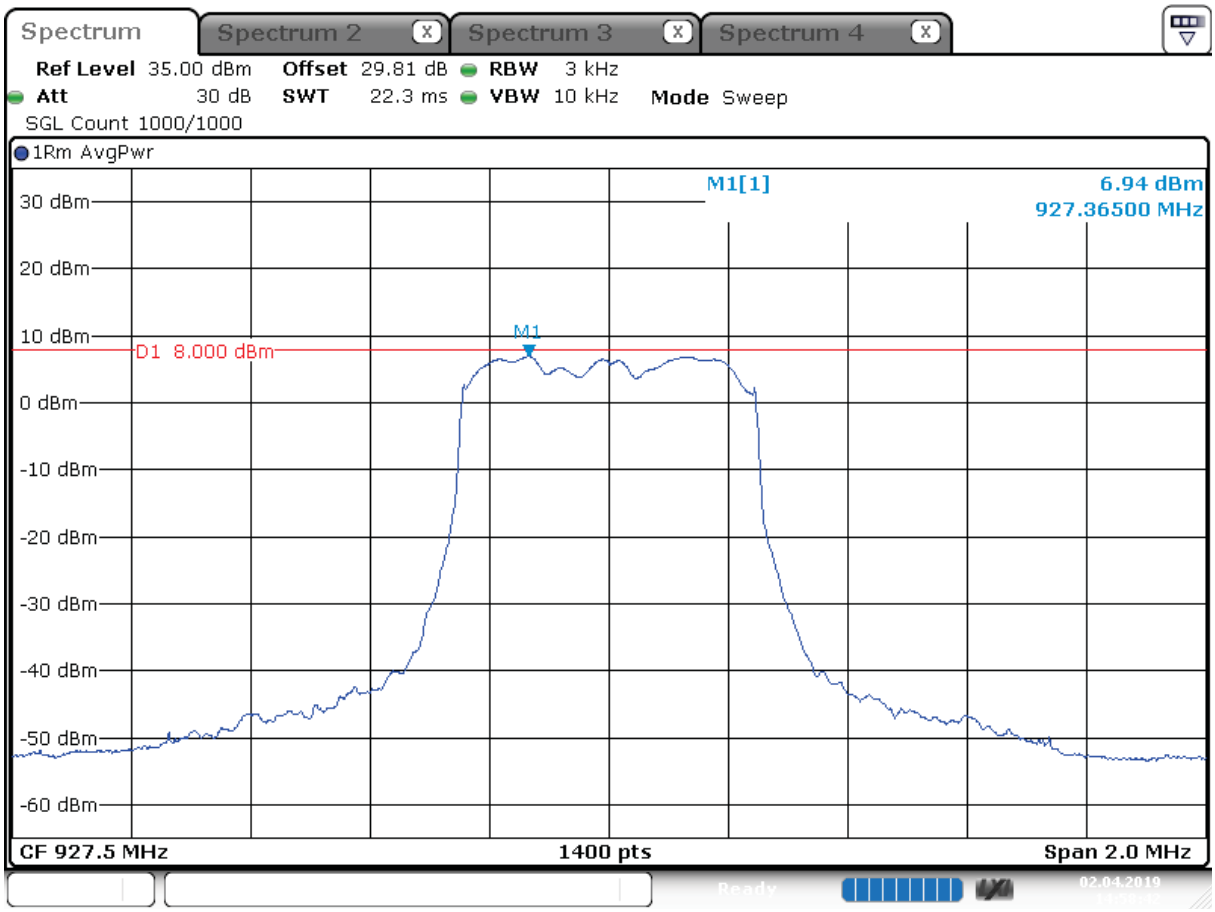
Date: 2.APR.2019 15:21:11

Frequency 925.7 MHz



Date: 2.APR.2019 15:02:23

Frequency 927.5 MHz



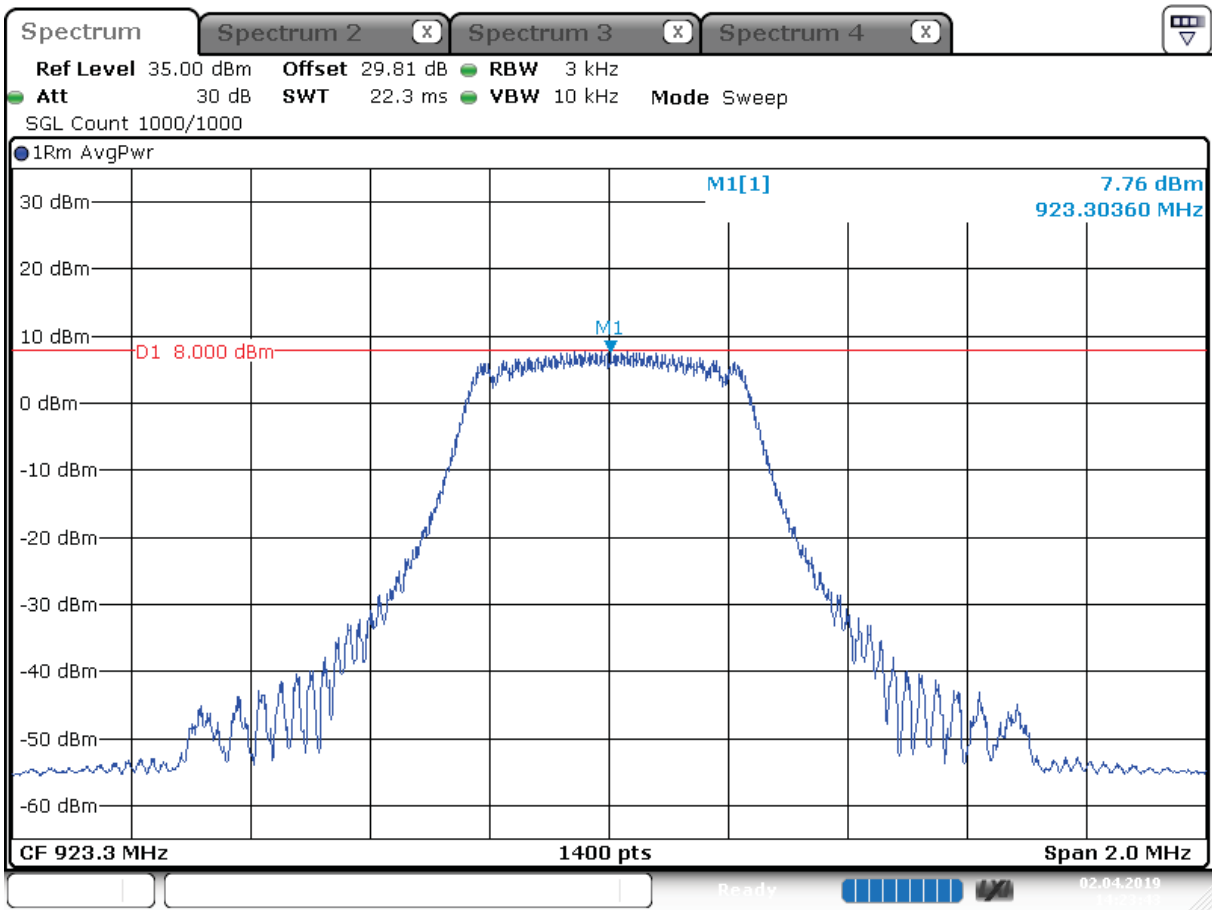
Date: 2.APR.2019 14:58:43

Module 4

RF OUTPUT 1

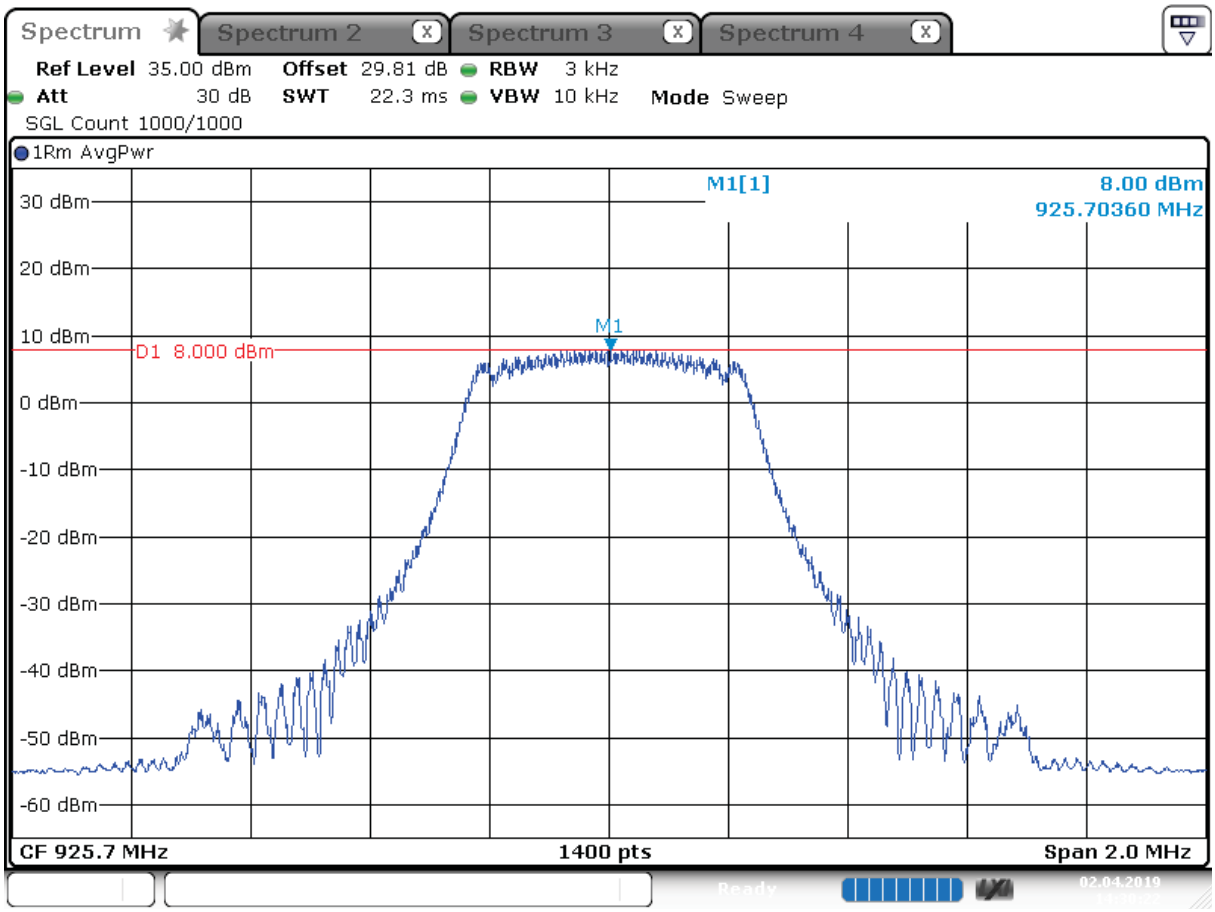
SPREAD FACTOR 7

Frequency 923.3 MHz



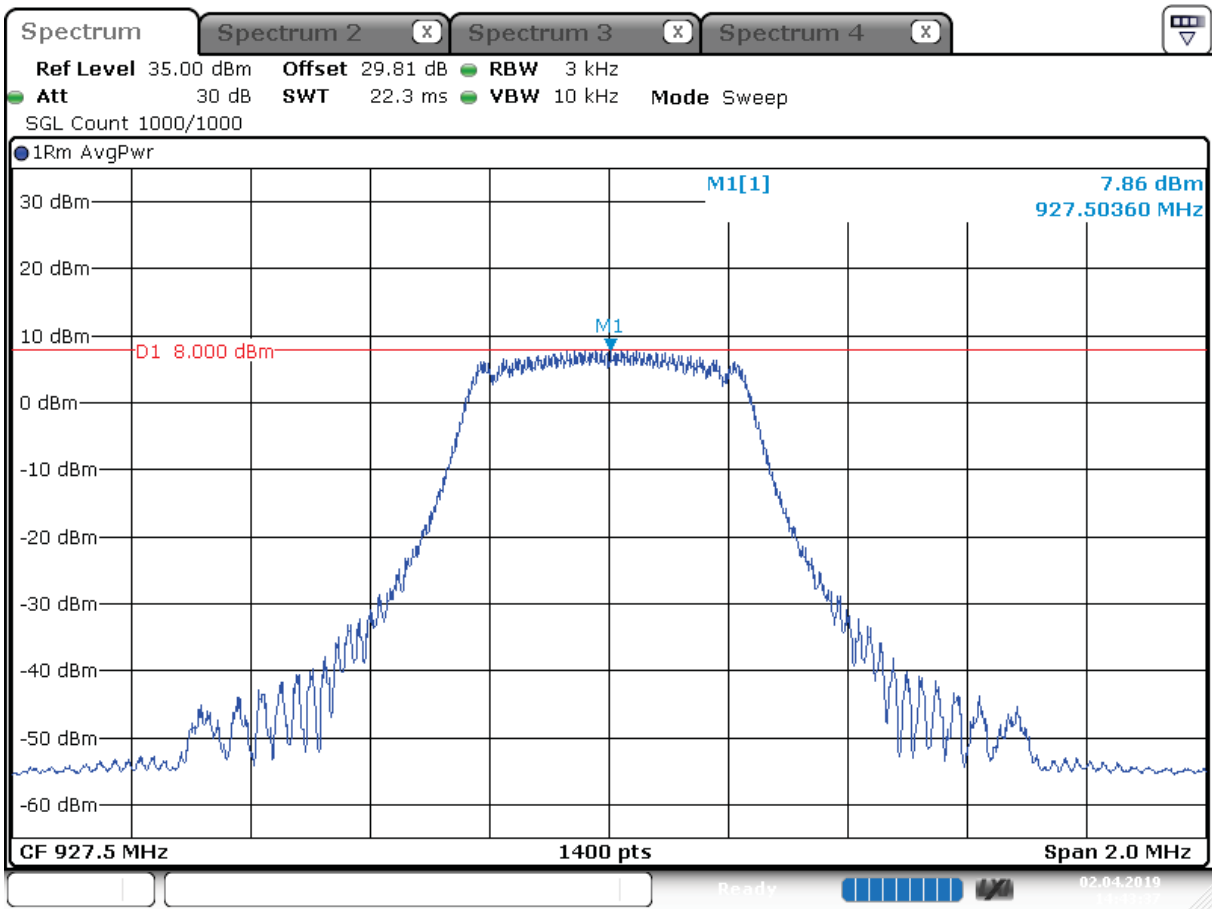
Date: 2.APR.2019 14:23:43

Frequency 925.7 MHz



Date: 2.APR.2019 14:30:23

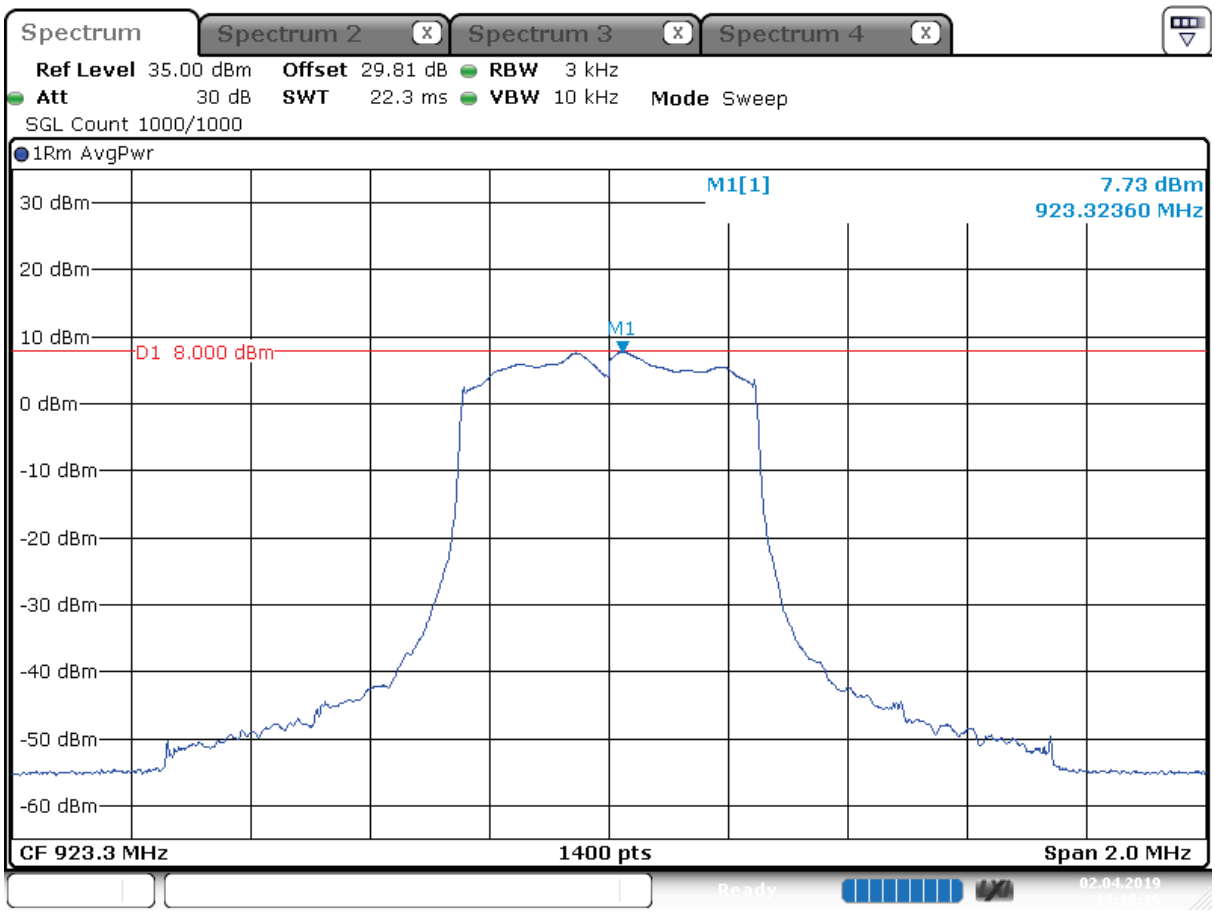
Frequency 927.5 MHz



Date: 2.APR.2019 14:43:38

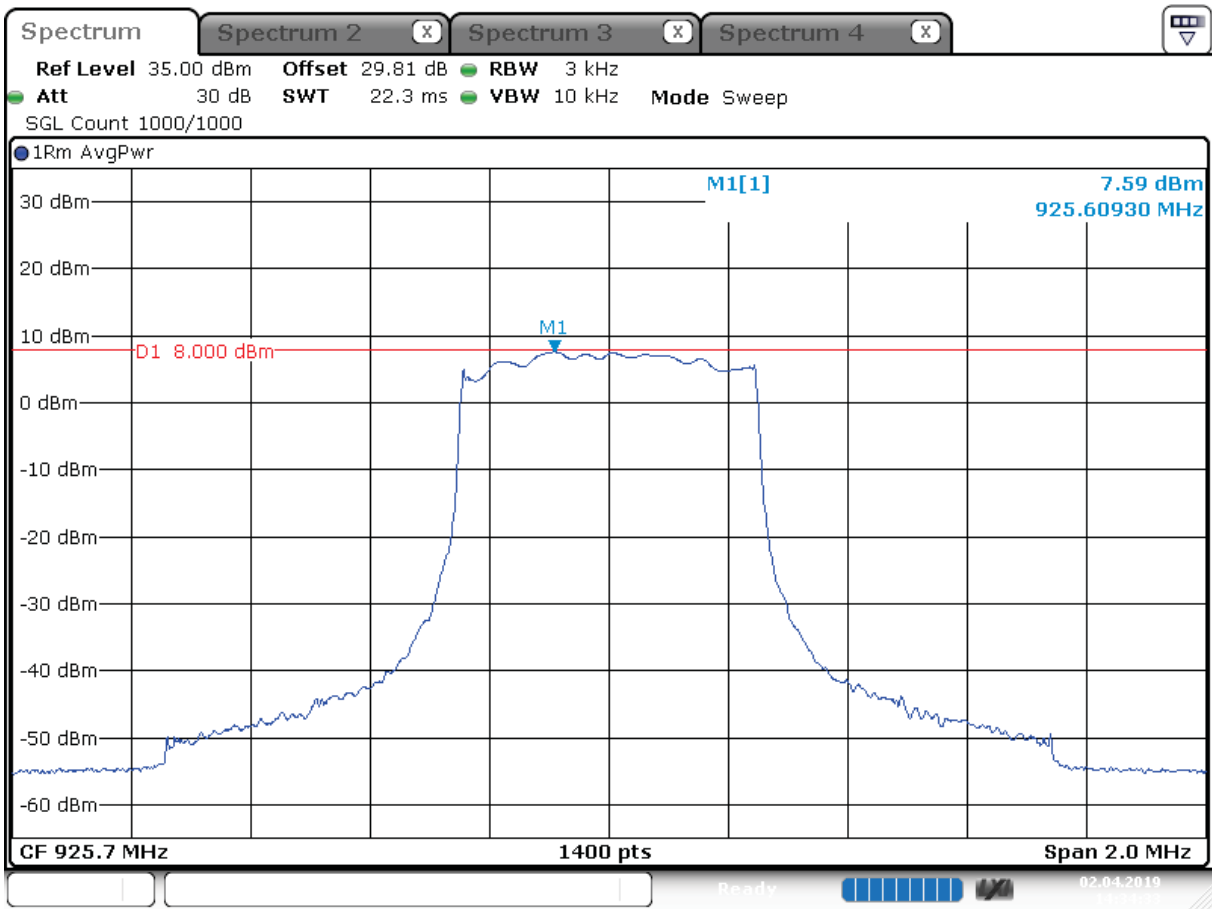
SPREAD FACTOR 12

Frequency 923.3 MHz



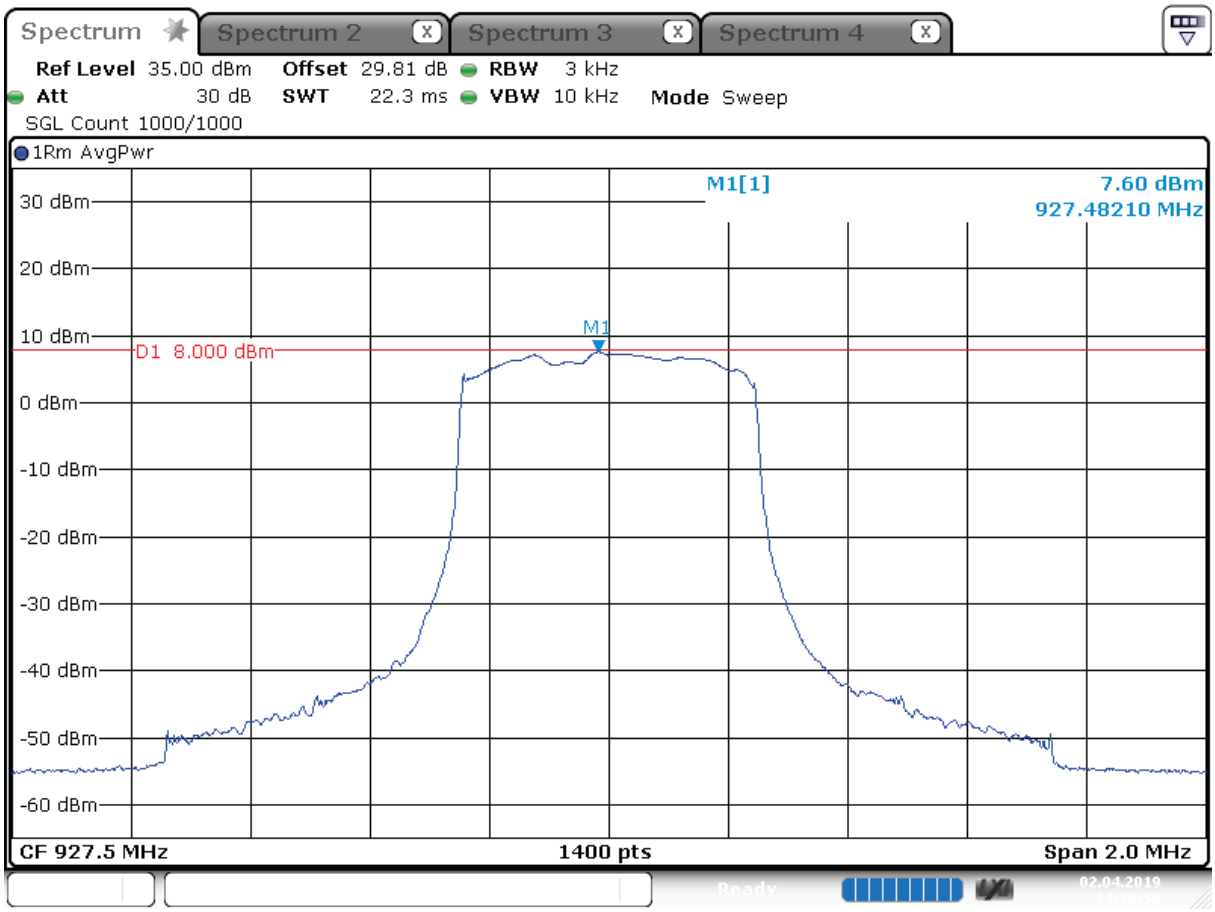
Date: 2.APR.2019 14:18:16

Frequency 925.7 MHz



Date: 2.APR.2019 14:34:34

Frequency 927.5 MHz

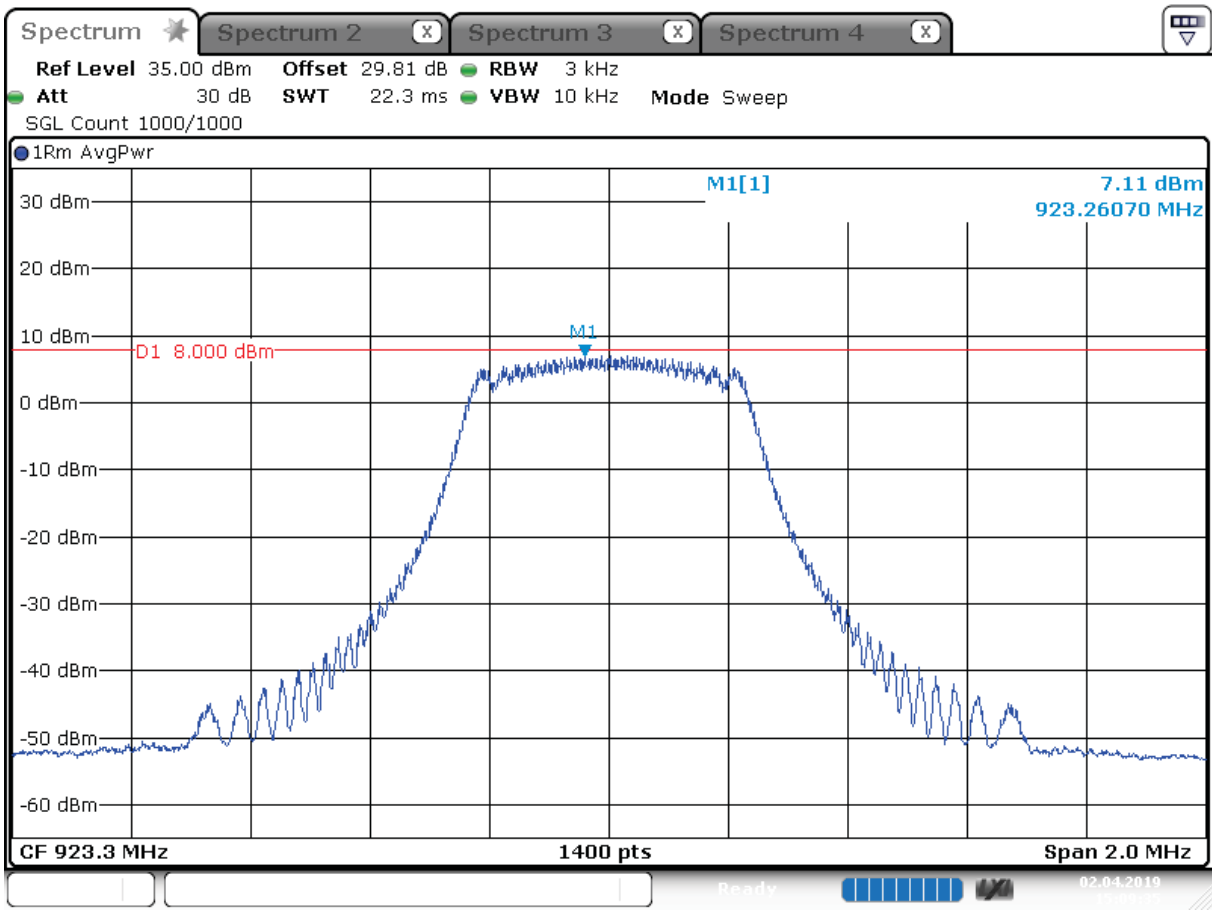


Date: 2.APR.2019 14:38:50

RF OUTPUT 2

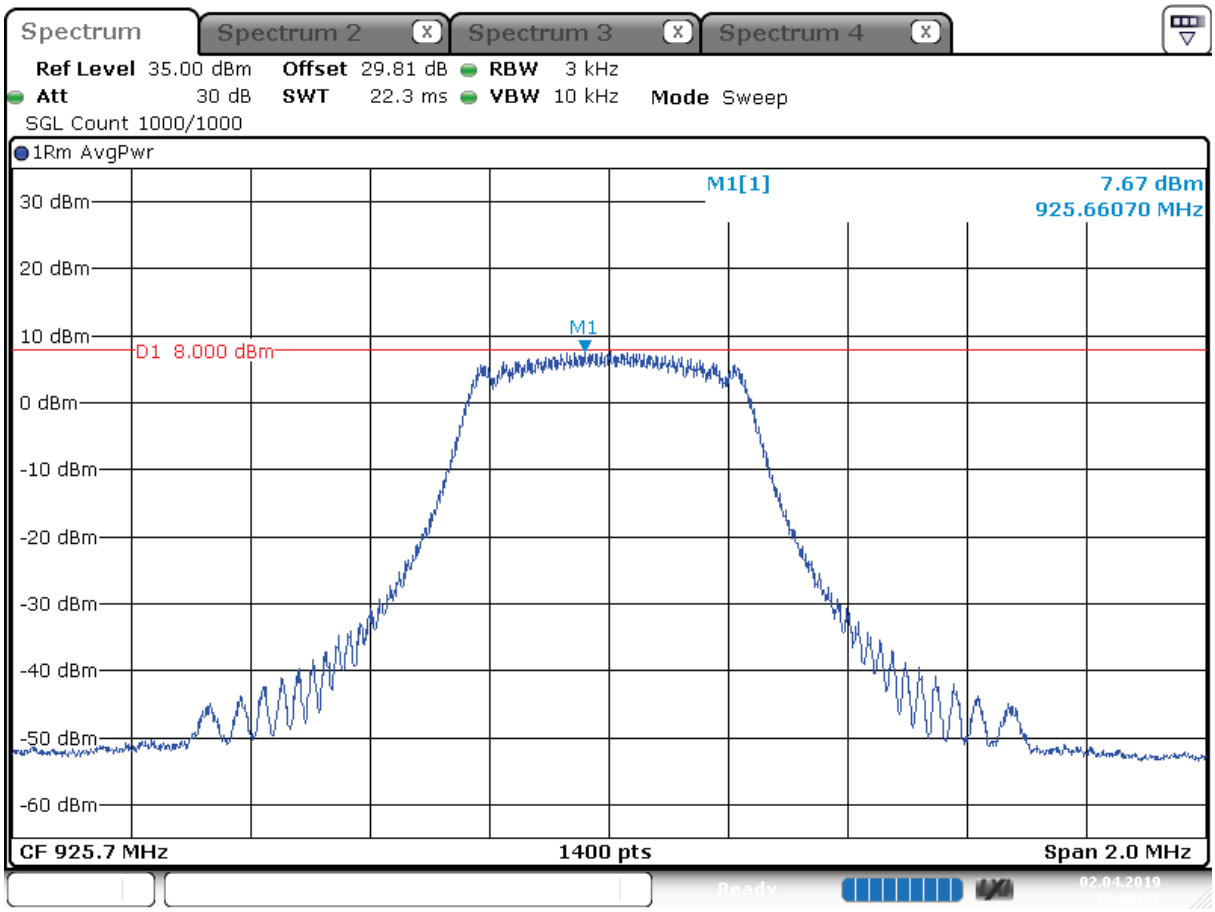
SPREAD FACTOR 7

Frequency 923.3 MHz



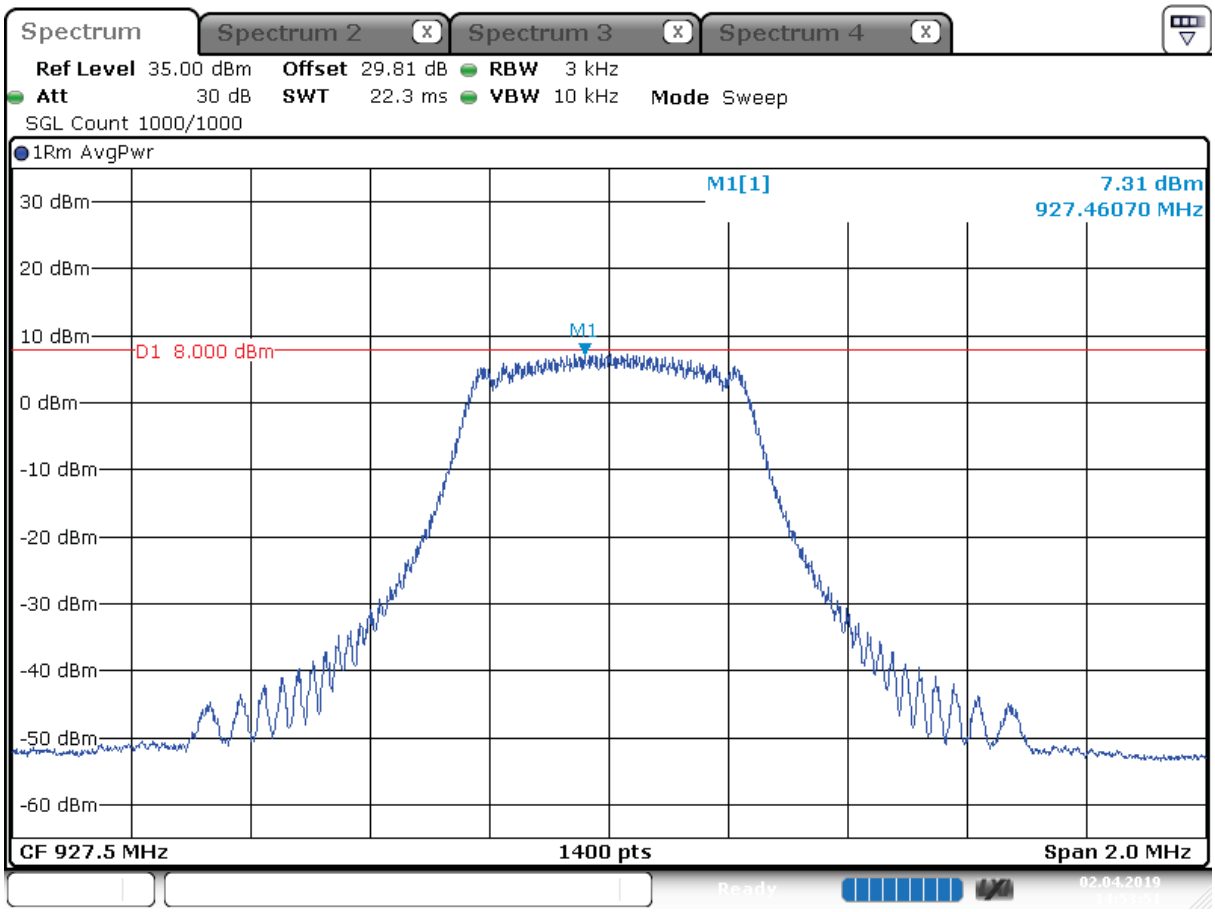
Date: 2.APR.2019 15:09:35

Frequency 925.7 MHz



Date: 2.APR.2019 15:06:47

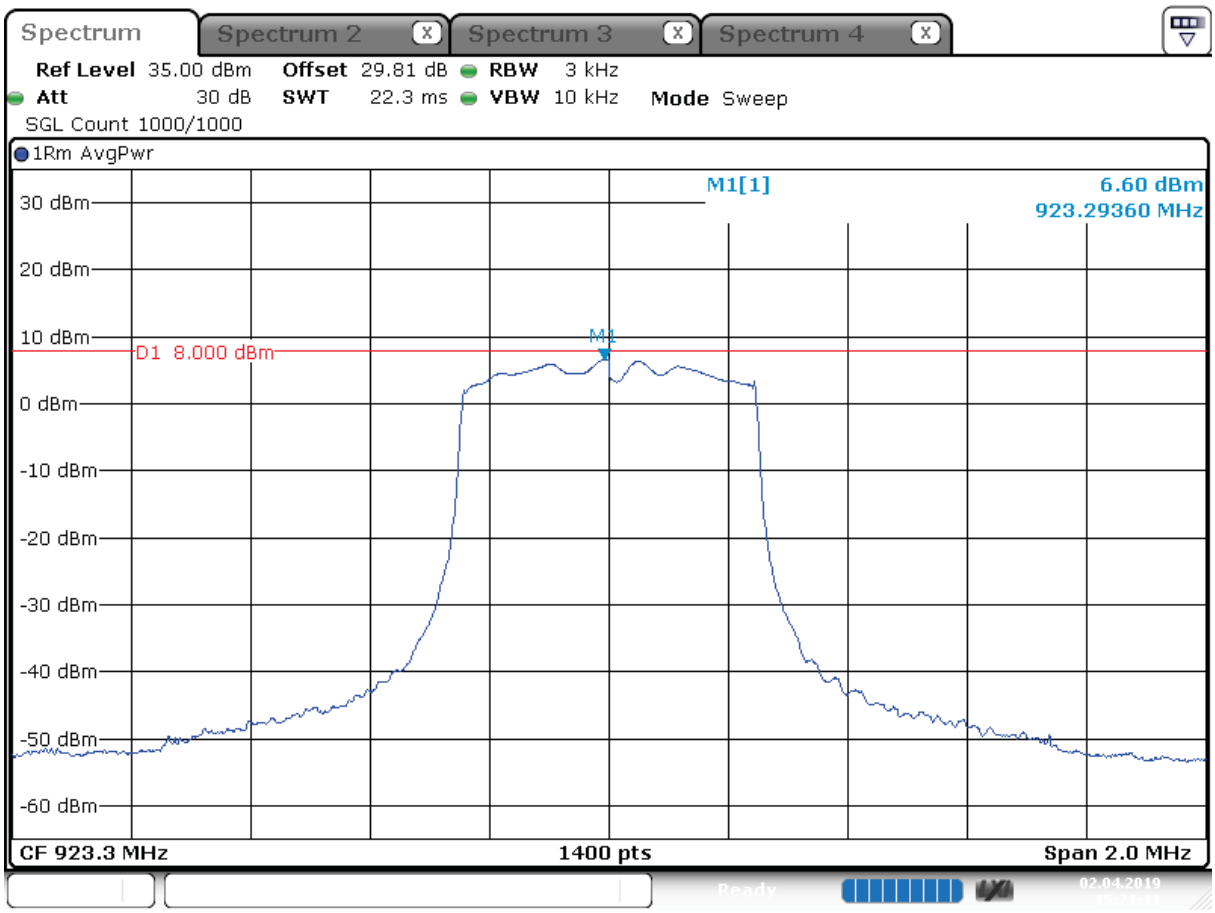
Frequency 927.5 MHz



Date: 2.APR.2019 14:53:51

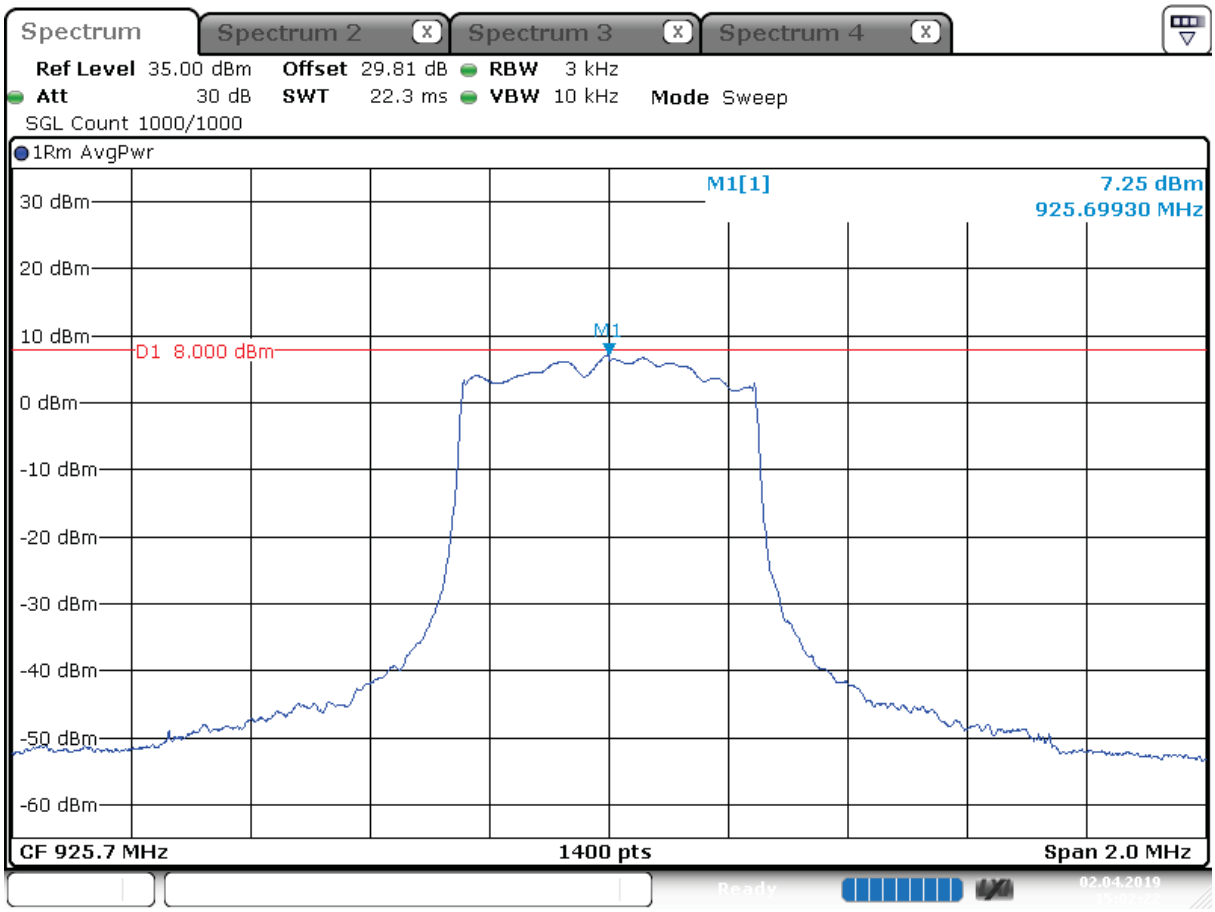
SPREAD FACTOR 12

Frequency 923.3 MHz



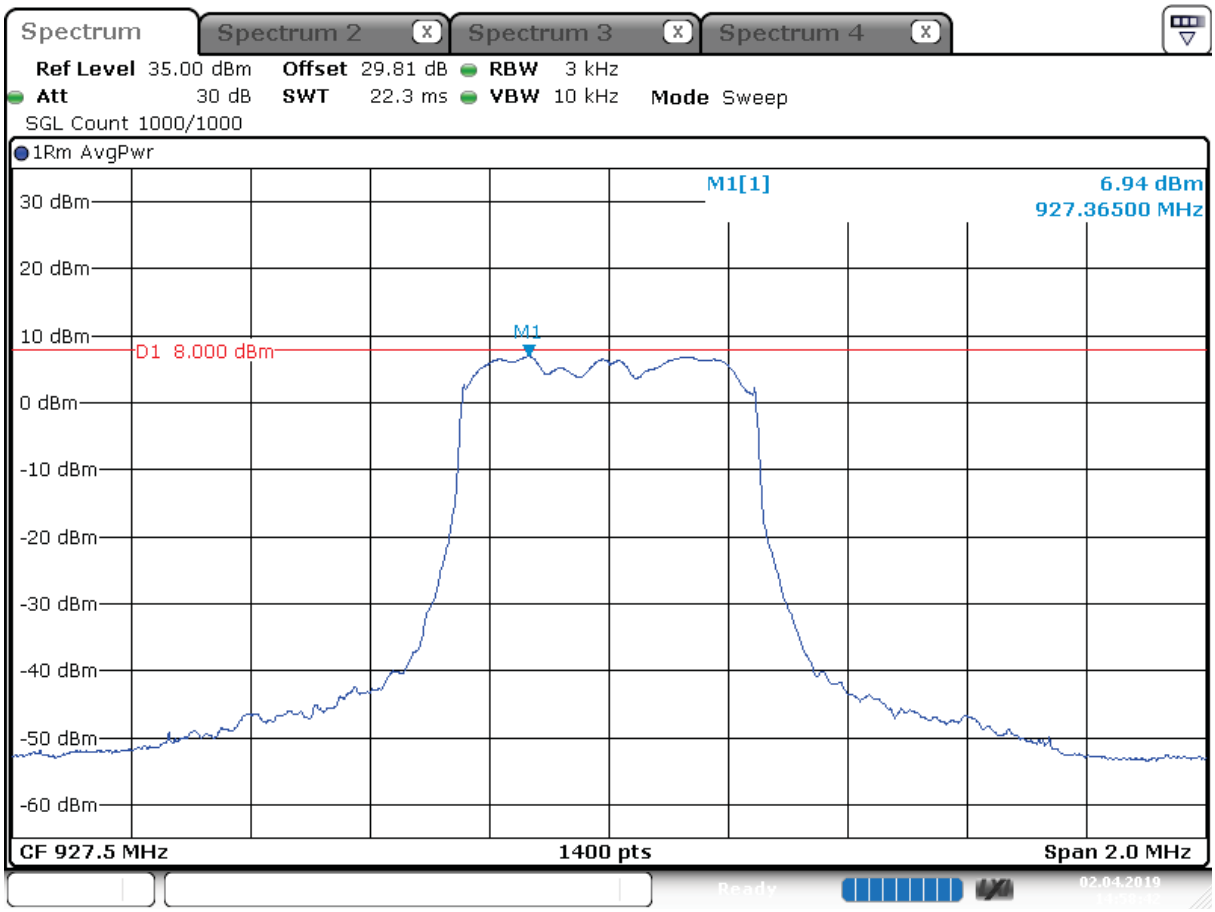
Date: 2.APR.2019 15:21:11

Frequency 925.7 MHz



Date: 2.APR.2019 15:02:23

Frequency 927.5 MHz



Date: 2.APR.2019 14:58:43

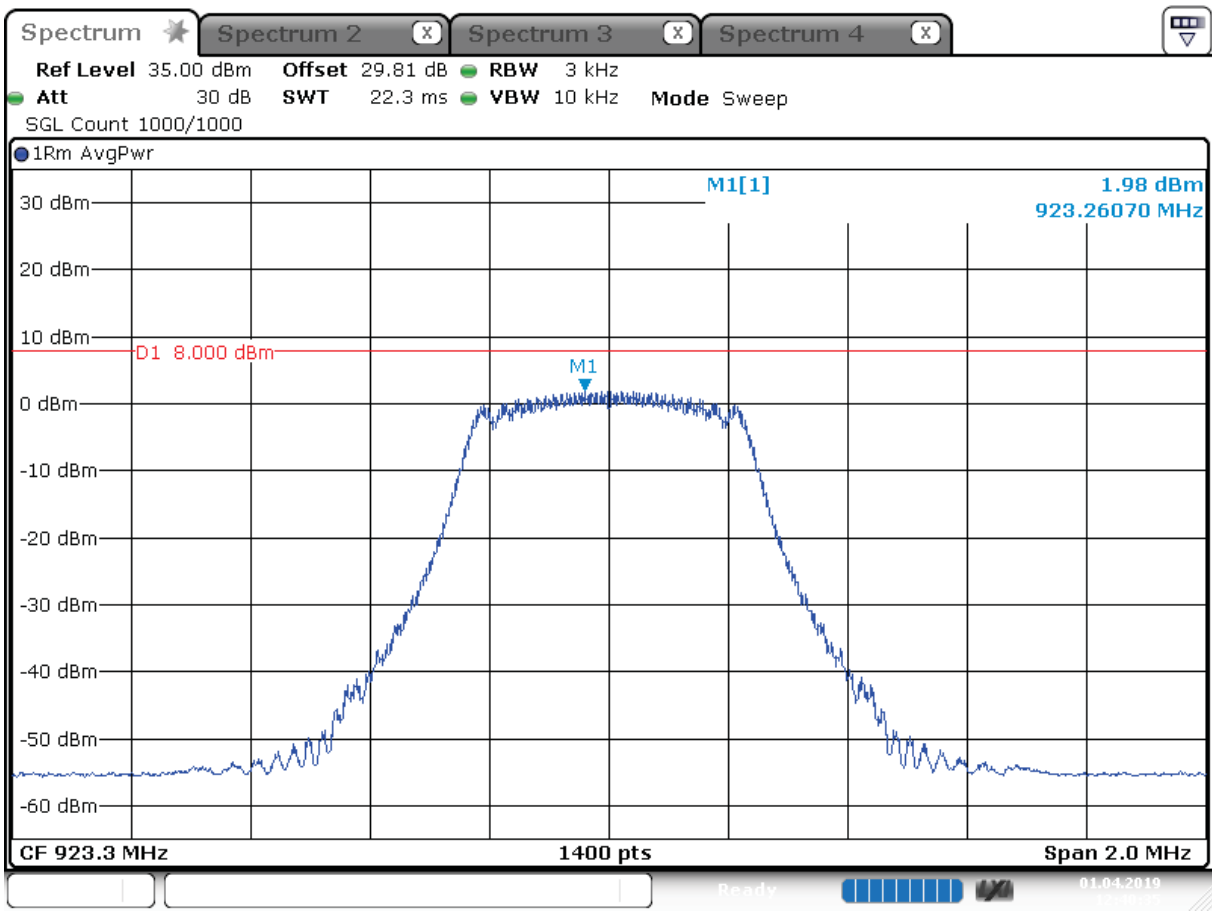
Measure realized with 24dBm

Module 1

RF OUTPUT 1

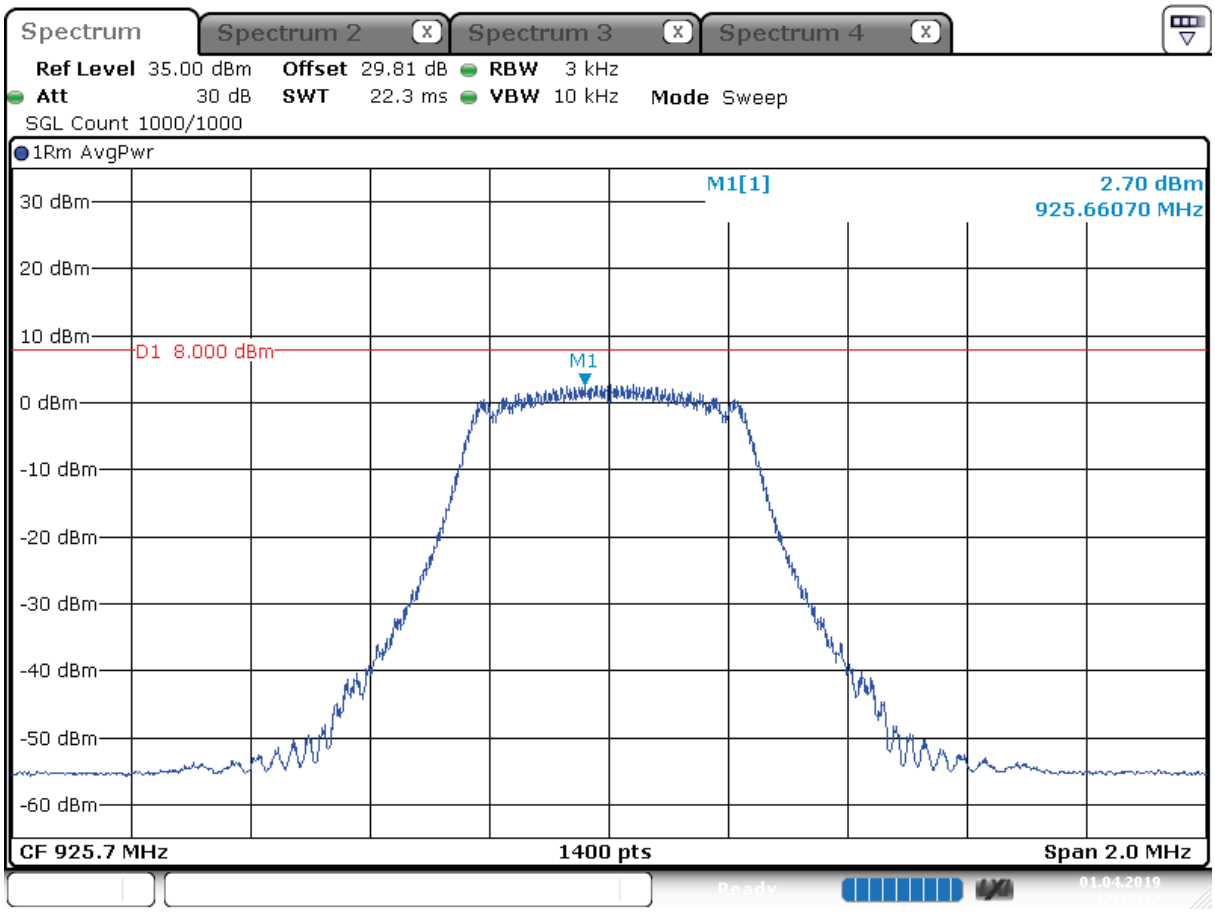
SPREAD FACTOR 7

Frequency 923.3 MHz



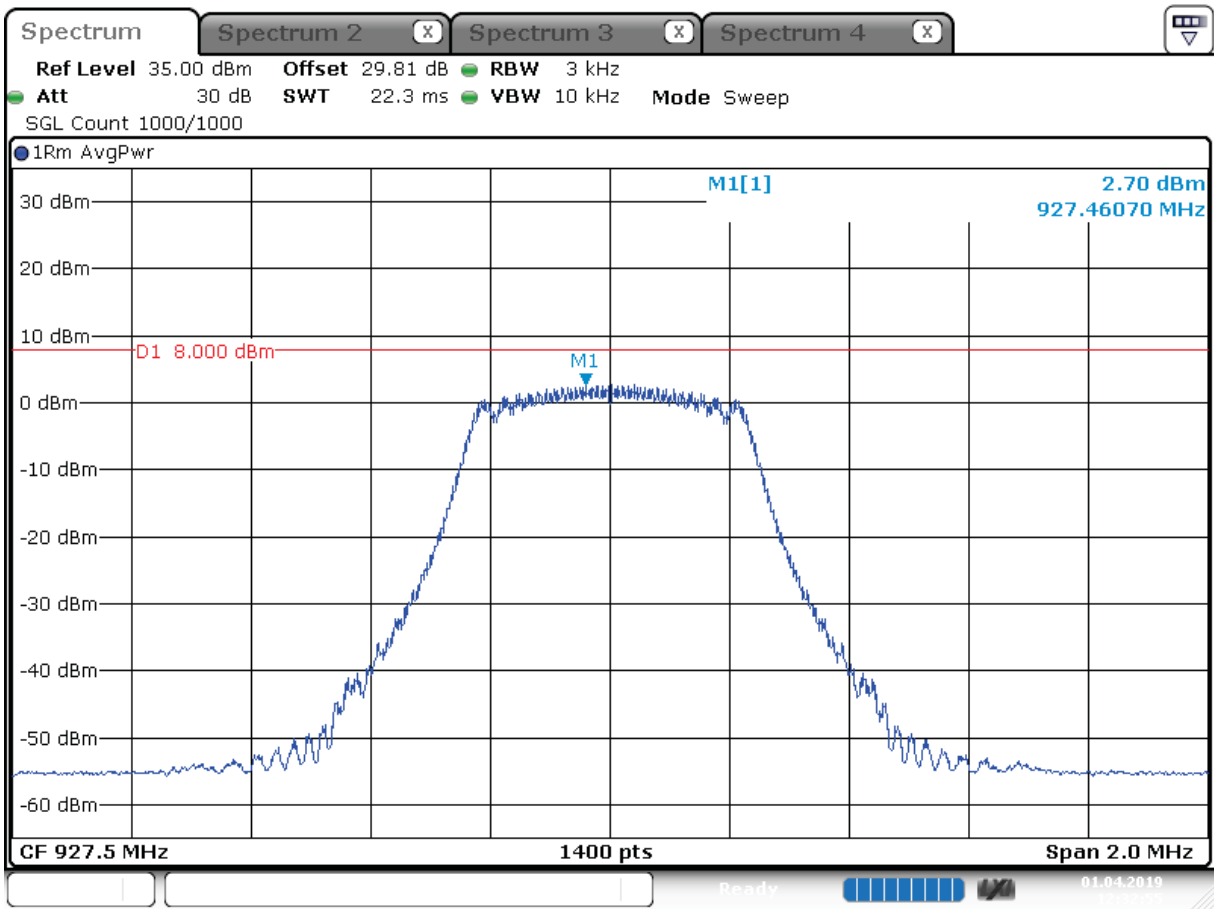
Date: 1.APR.2019 12:40:35

Frequency 925.7 MHz



Date: 1.APR.2019 12:39:32

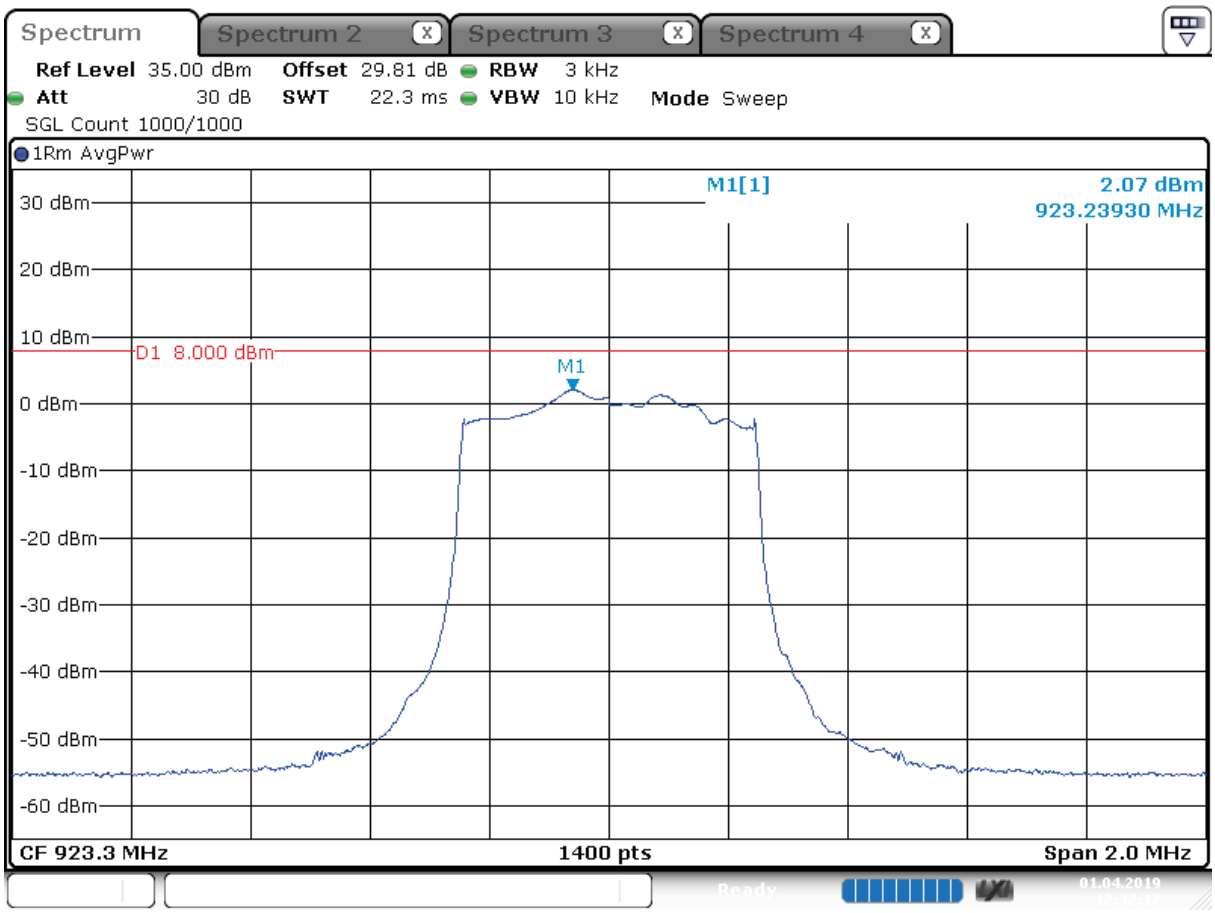
Frequency 927.5 MHz



Date: 1.APR.2019 12:32:56

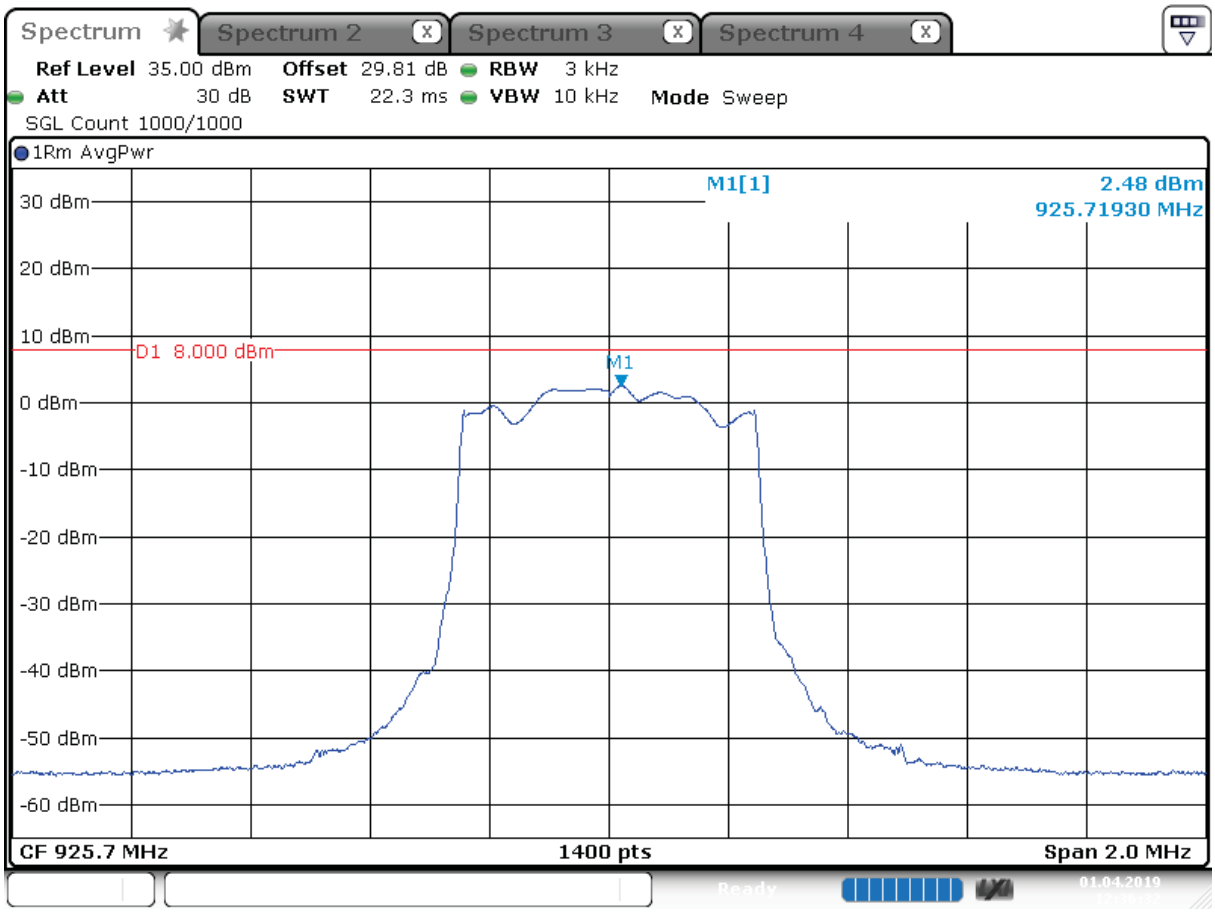
SPREAD FACTOR 12

Frequency 923.3 MHz



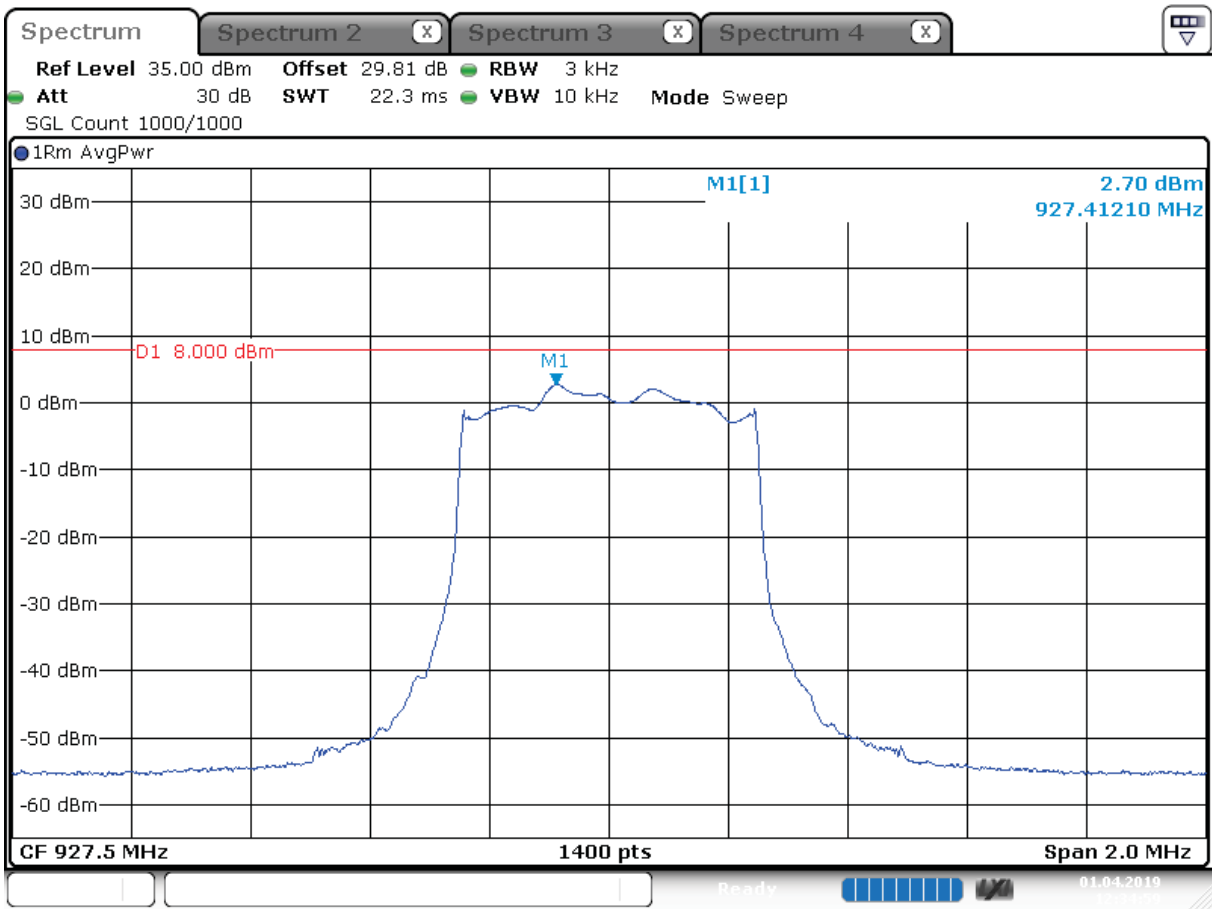
Date: 1.APR.2019 12:42:17

Frequency 925.7 MHz



Date: 1.APR.2019 12:36:32

Frequency 927.5 MHz

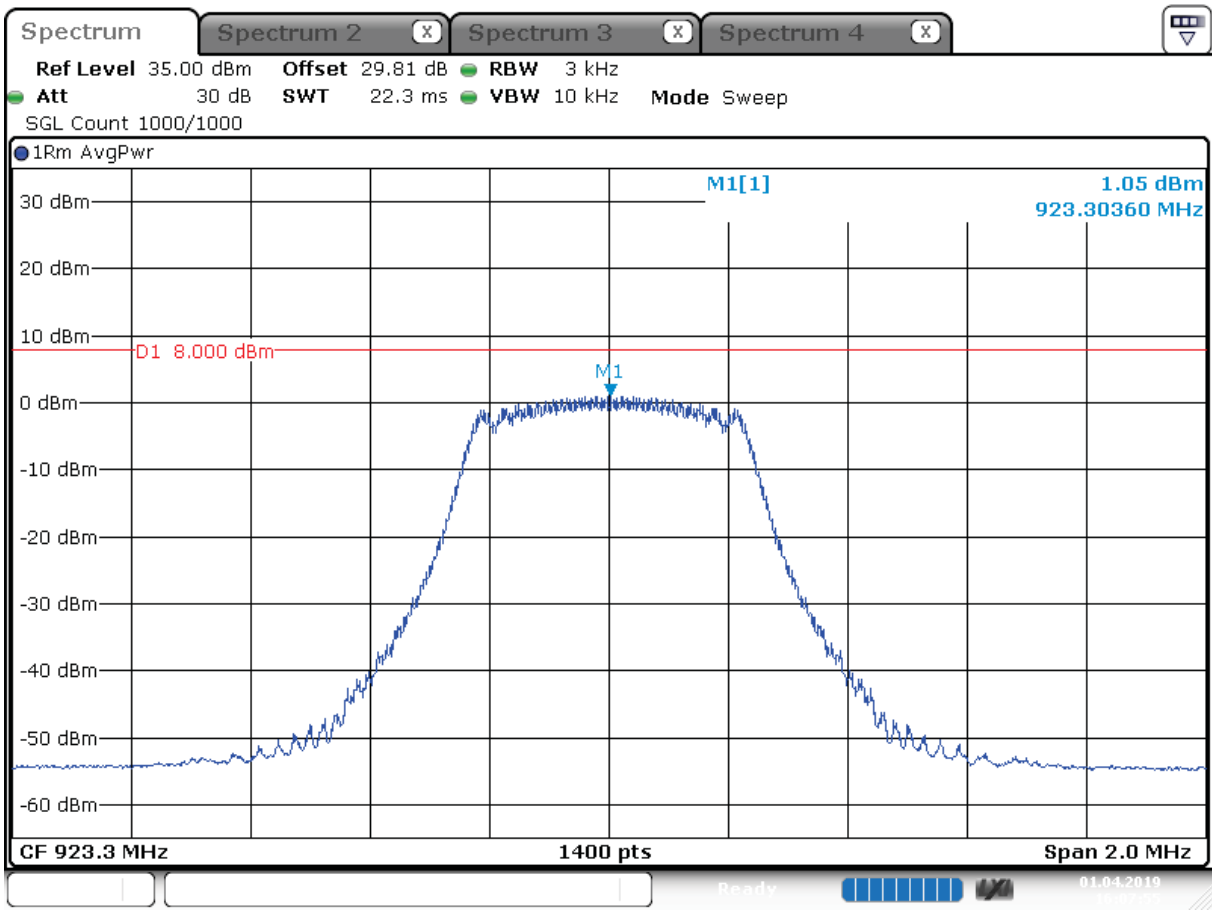


Date: 1.APR.2019 12:34:59

RF OUTPUT 2

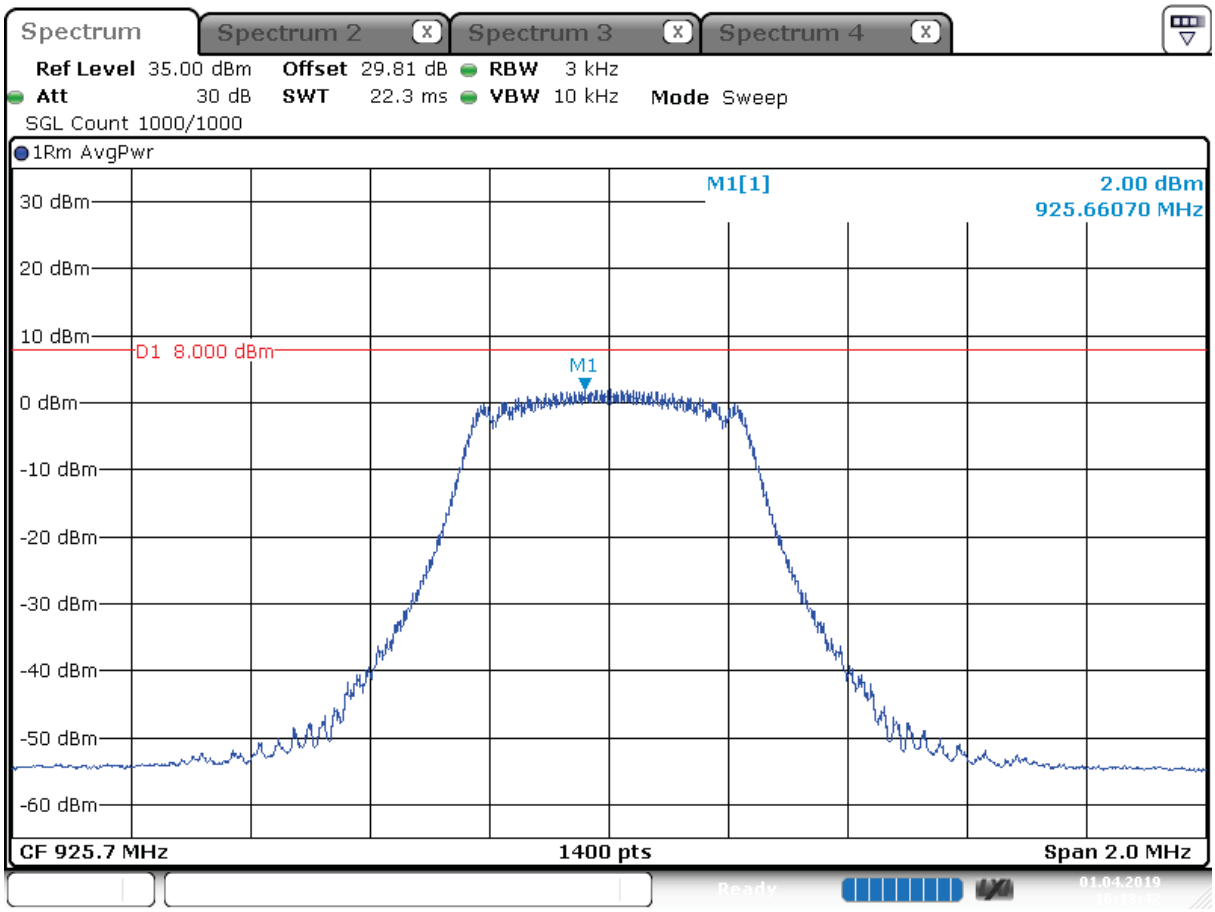
SPREAD FACTOR 7

Frequency 923.3 MHz



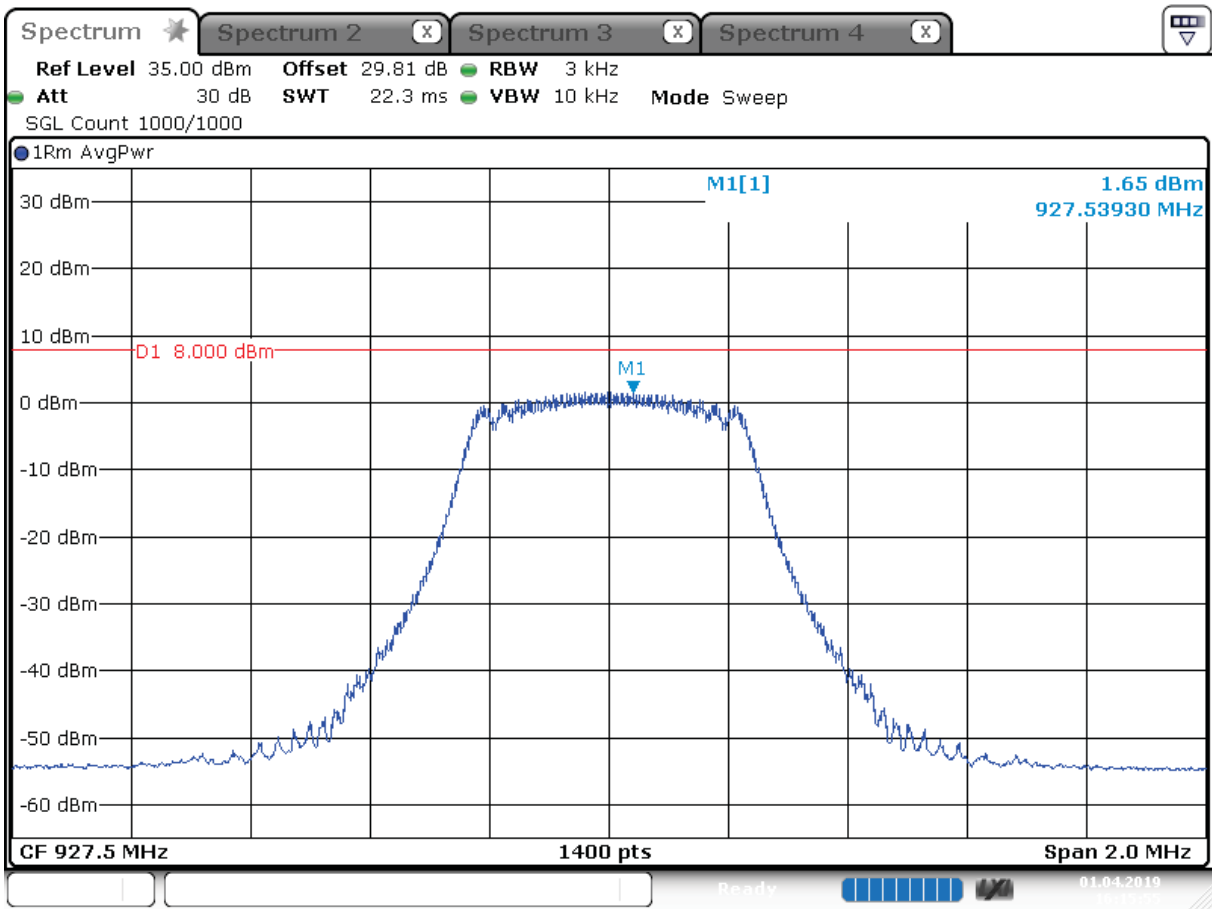
Date: 1.APR.2019 16:07:56

Frequency 925.7 MHz



Date: 1.APR.2019 16:13:42

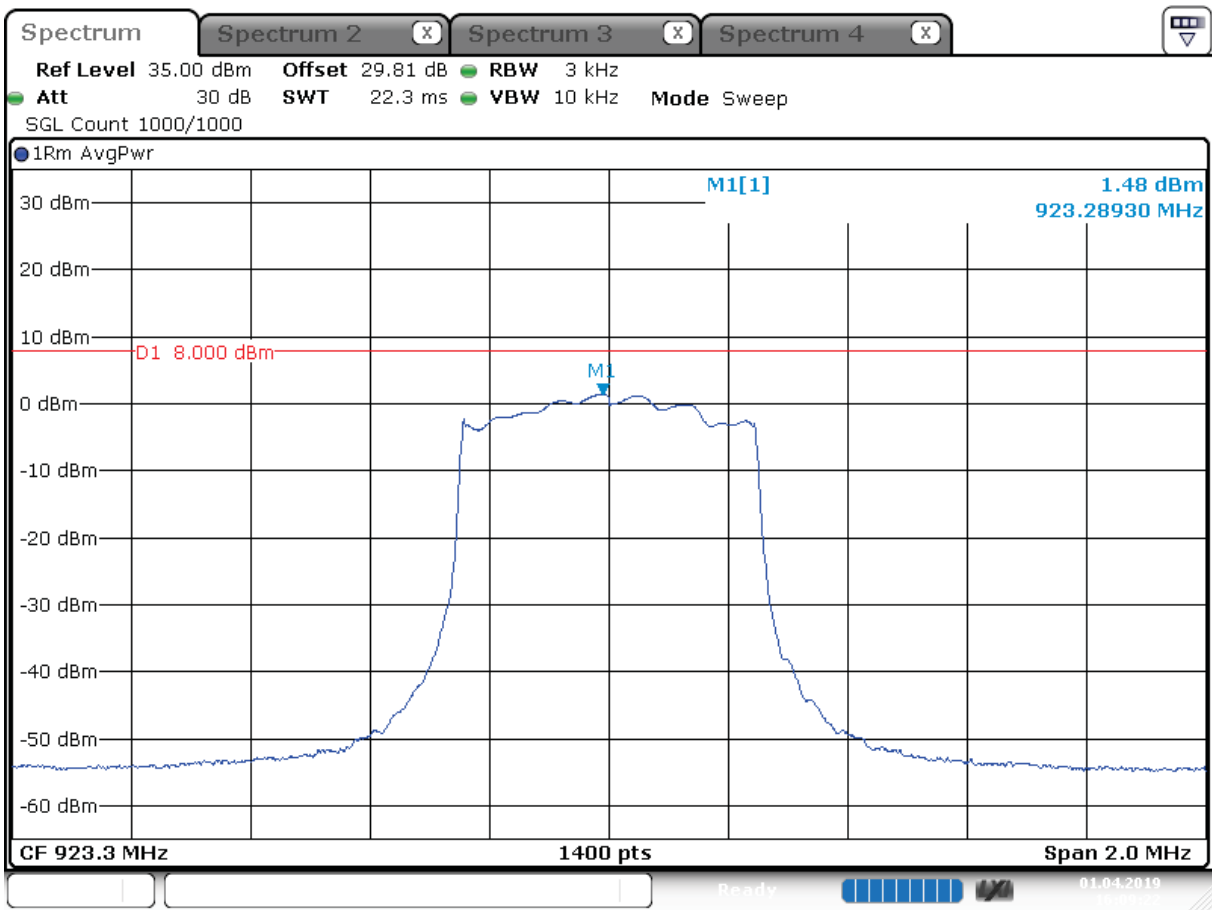
Frequency 927.5 MHz



Date: 1.APR.2019 16:15:55

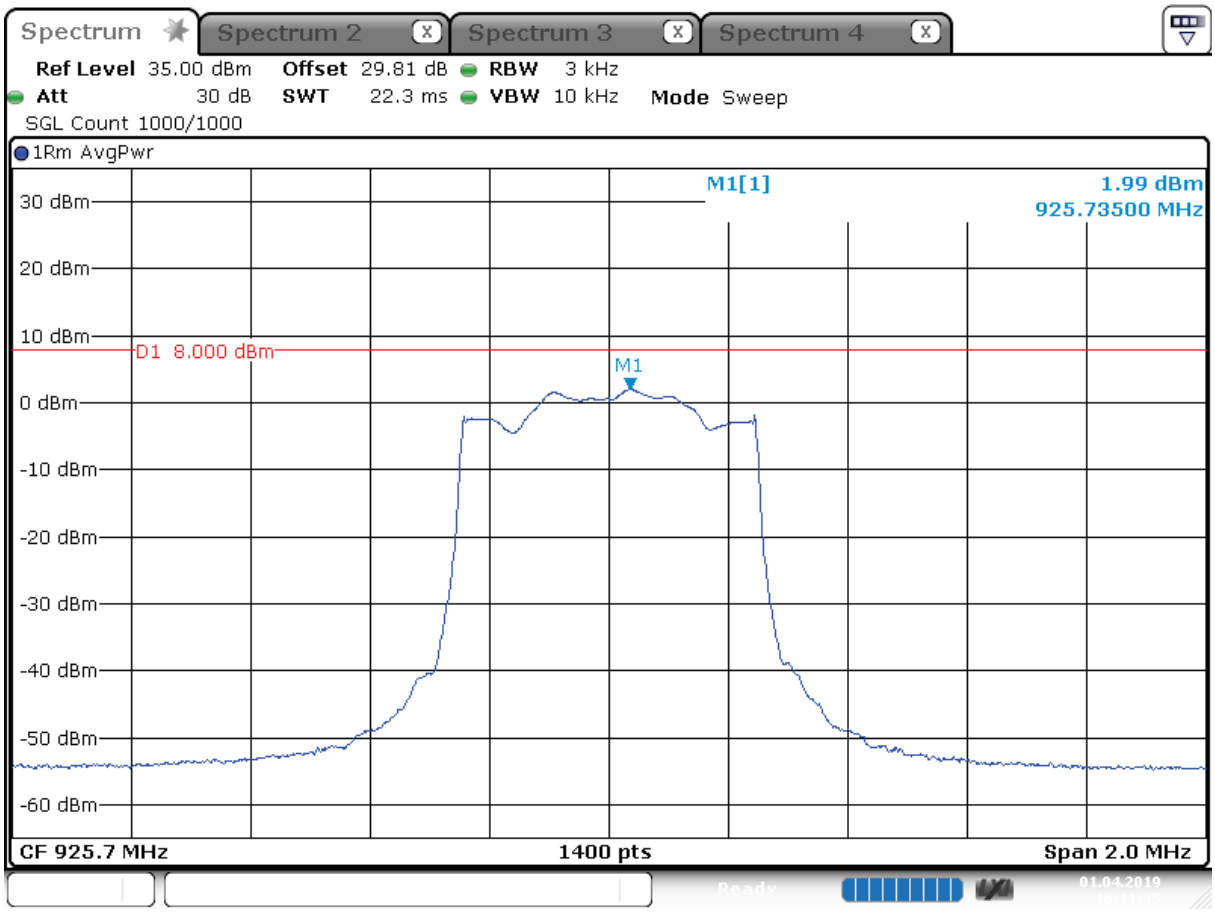
SPREAD FACTOR 12

Frequency 923.3 MHz



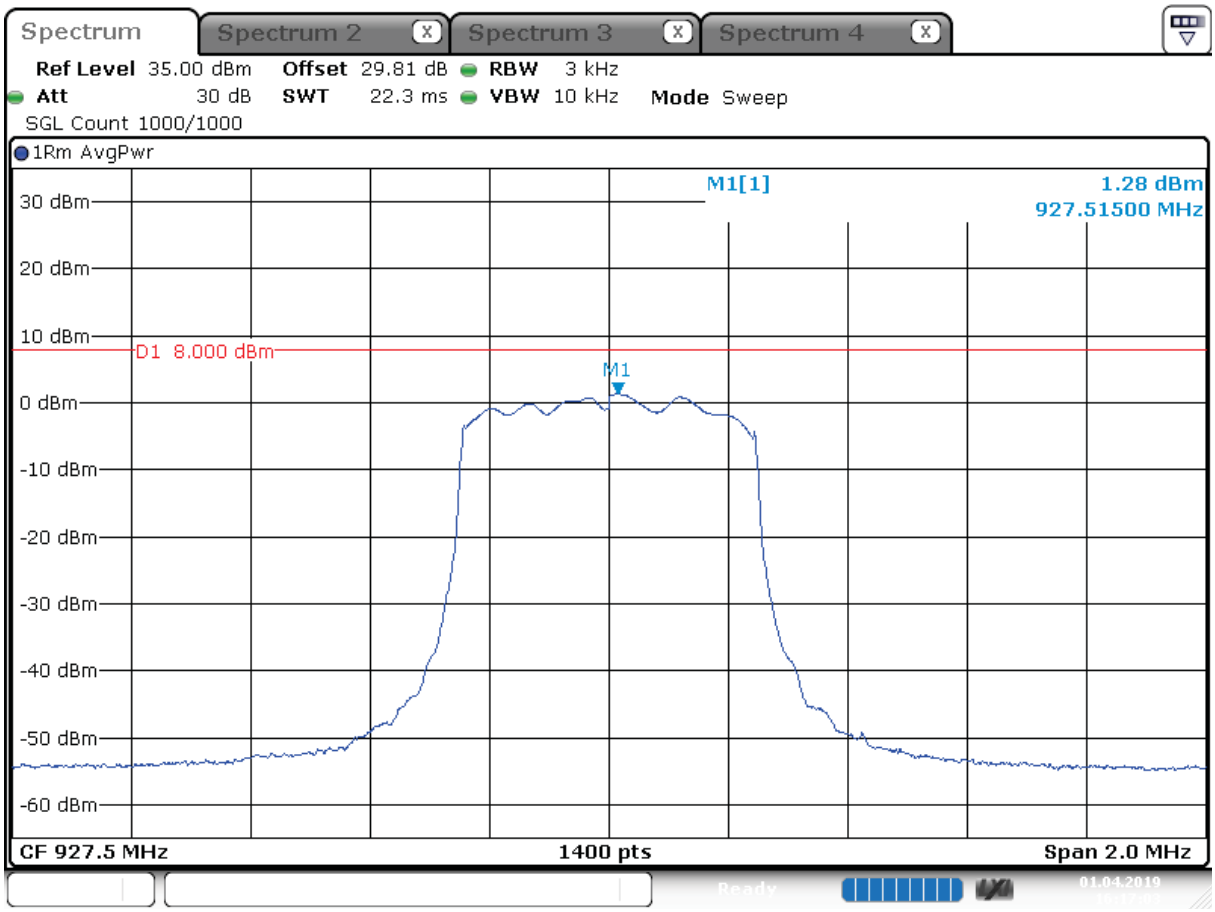
Date: 1.APR.2019 16:09:23

Frequency 925.7 MHz



Date: 1.APR.2019 16:11:35

Frequency 927.5 MHz



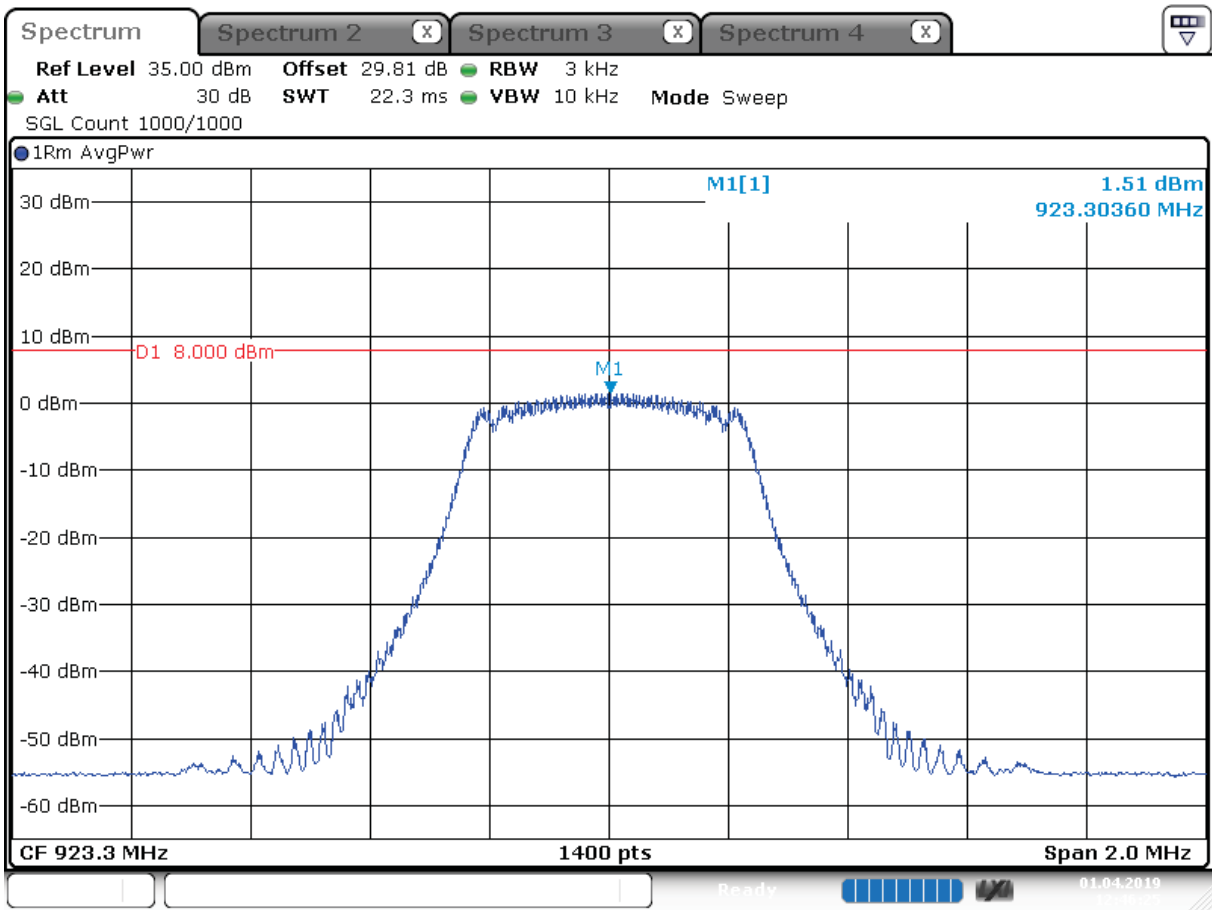
Date: 1.APR.2019 16:17:03

Module 2

RF OUTPUT 1

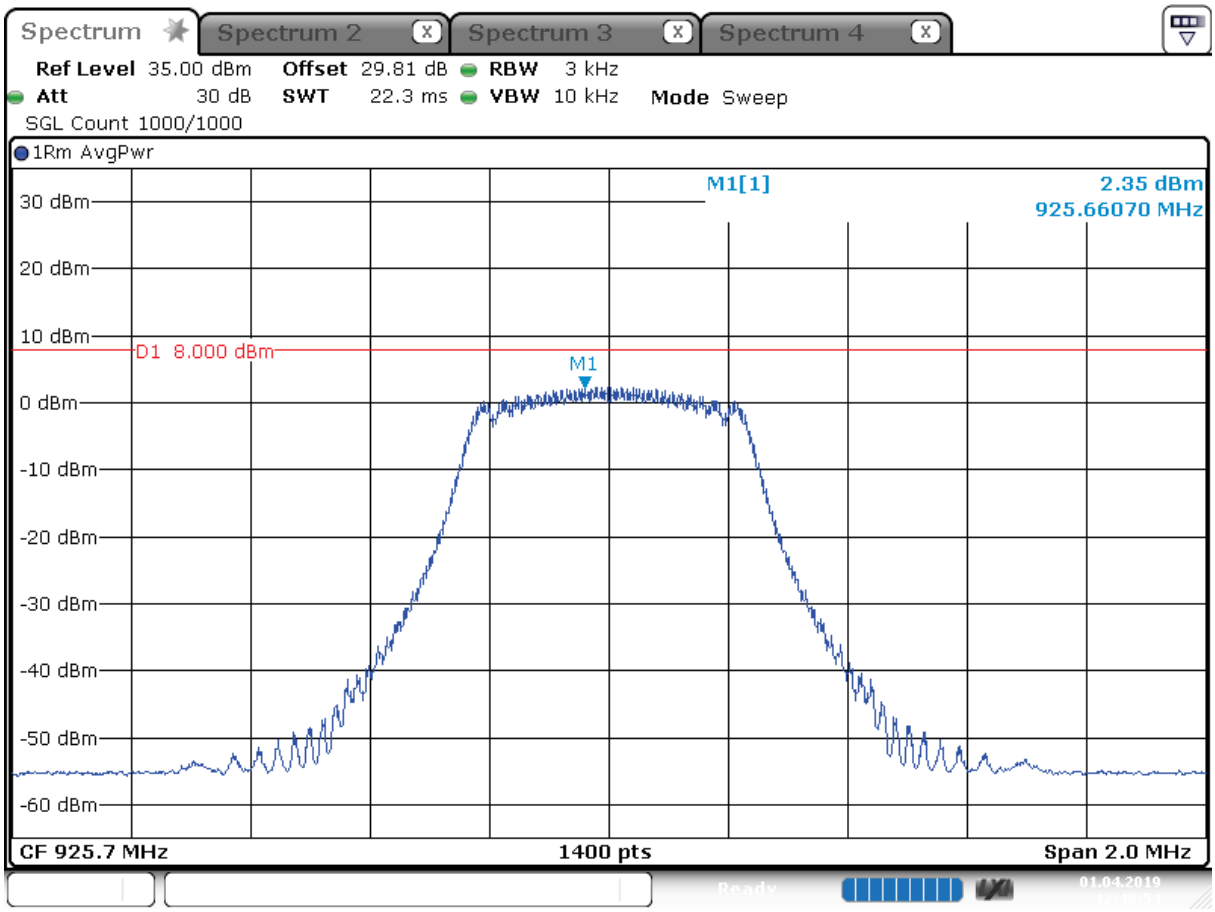
SPREAD FACTOR 7

Frequency 923.3 MHz



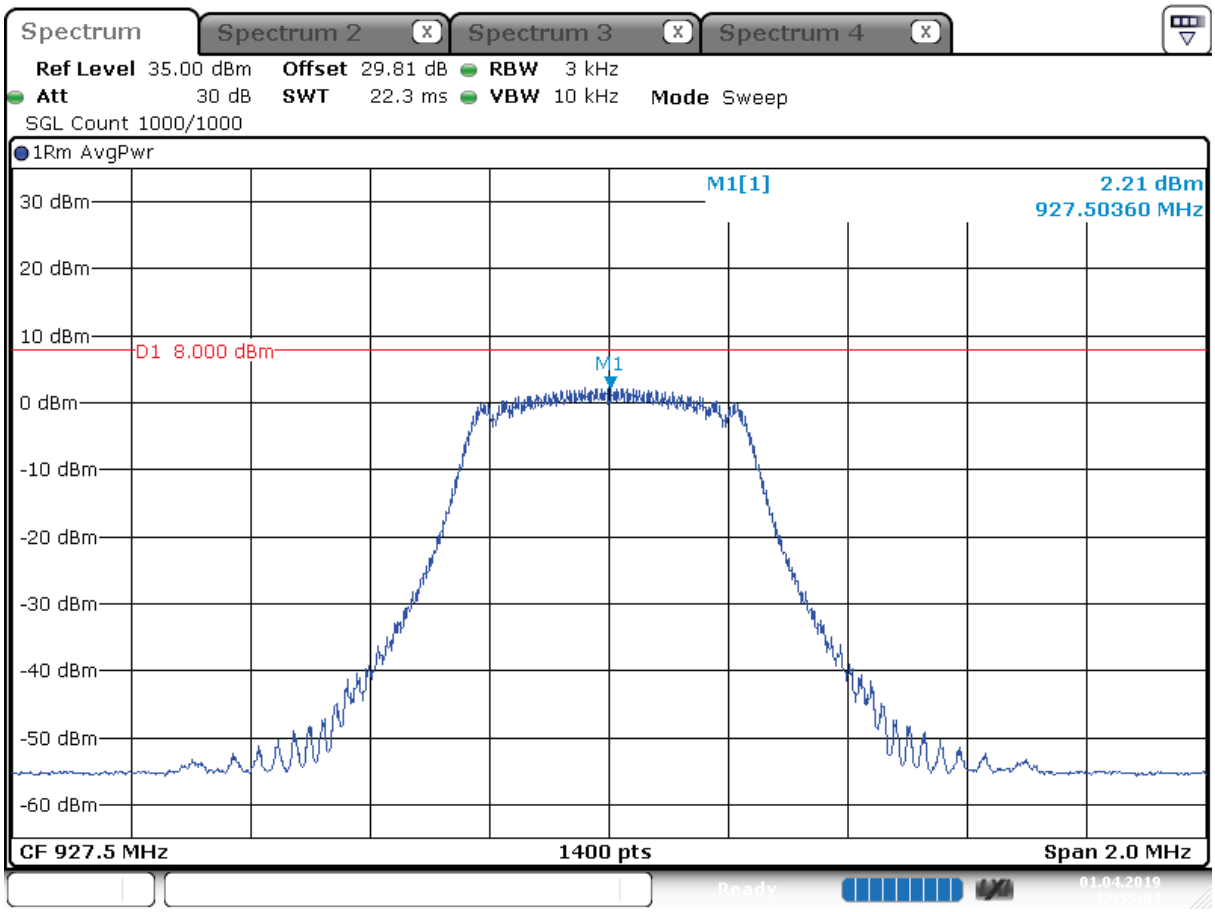
Date: 1.APR.2019 12:46:25

Frequency 925.7 MHz



Date: 1.APR.2019 12:48:54

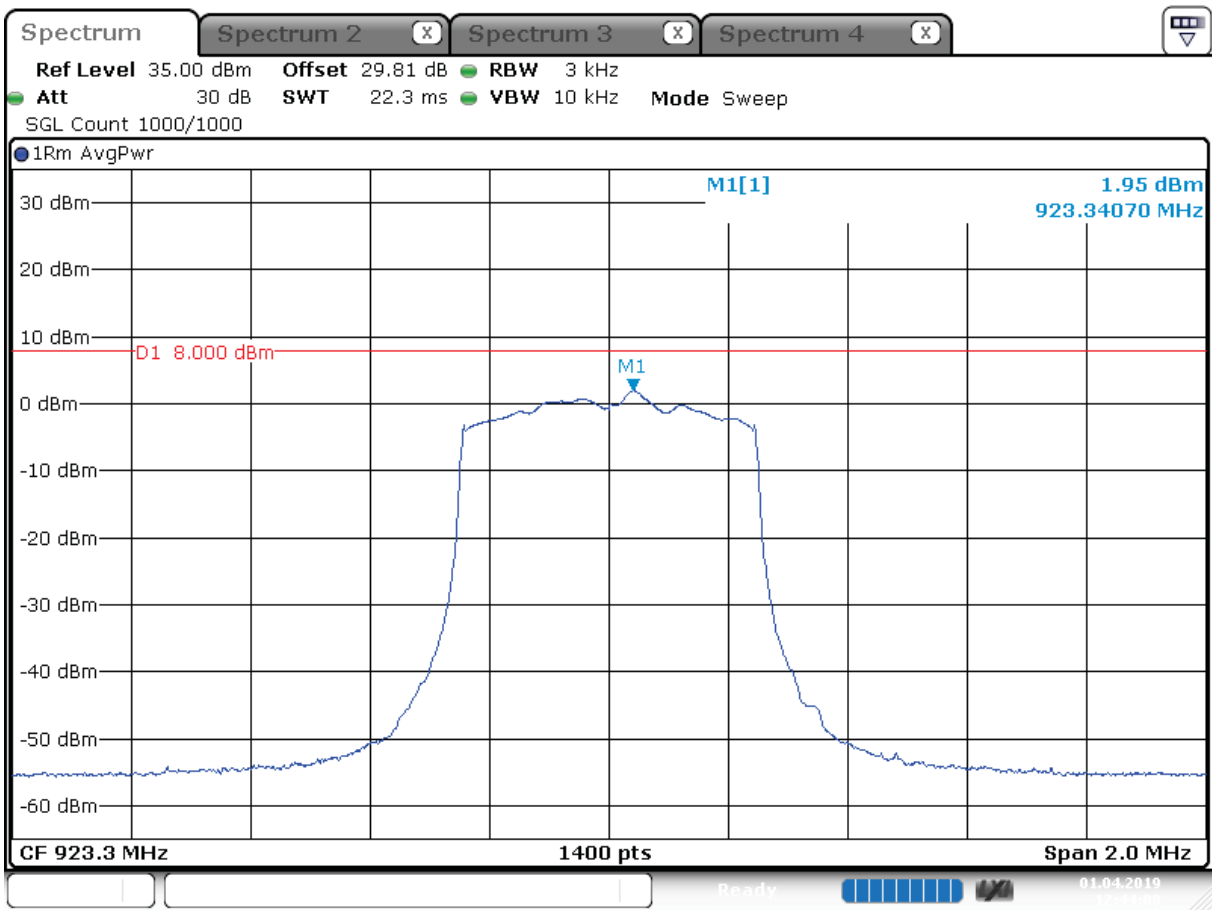
Frequency 927.5 MHz



Date: 1.APR.2019 12:55:04

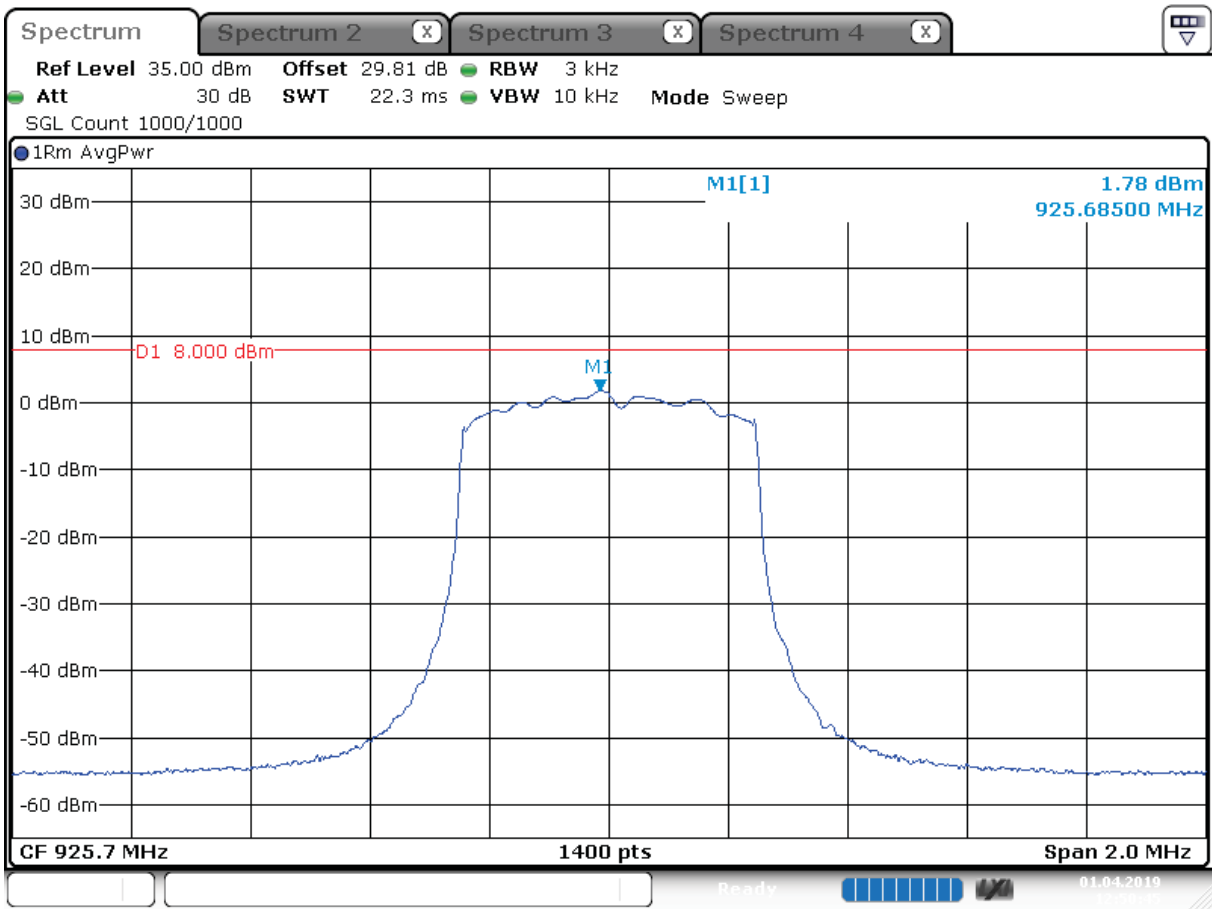
SPREAD FACTOR 12

Frequency 923.3 MHz



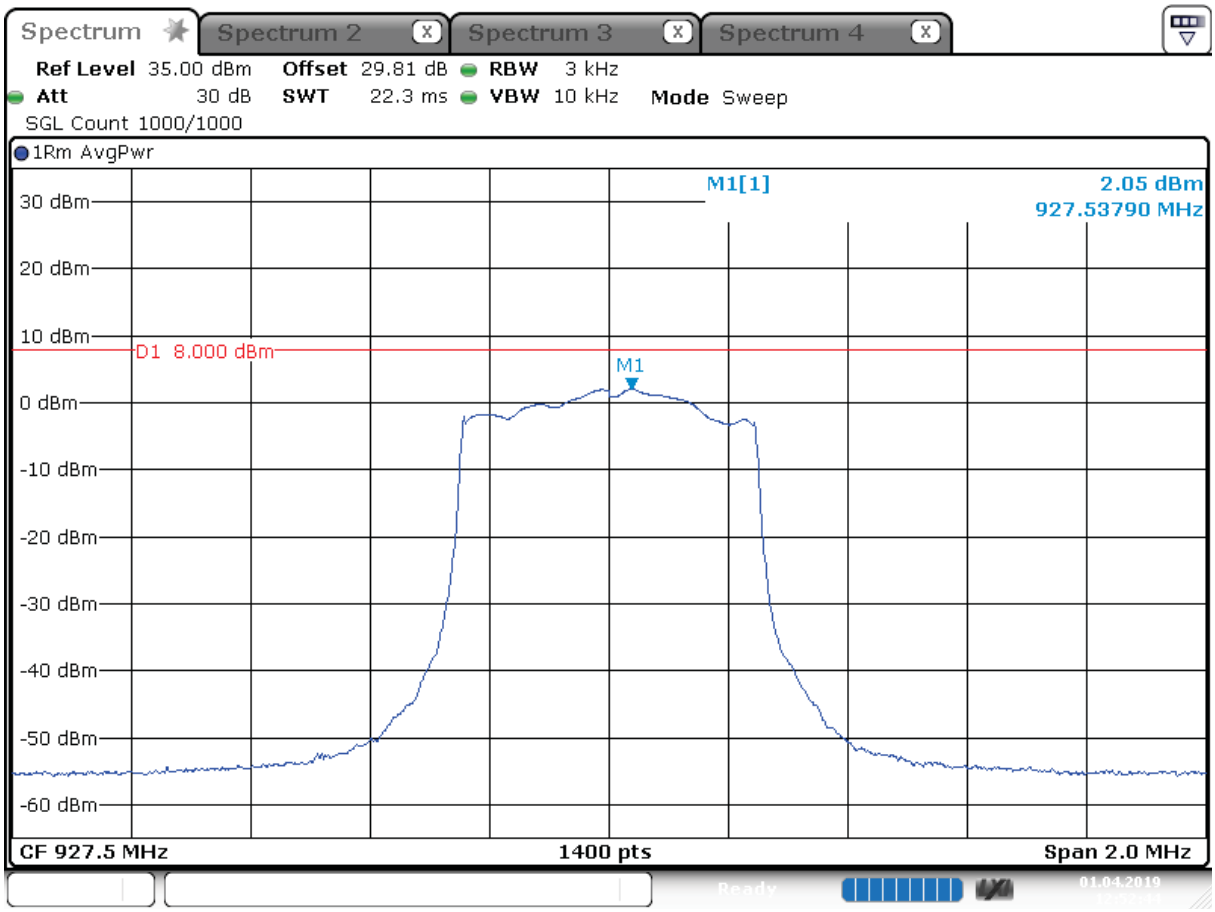
Date: 1.APR.2019 12:44:08

Frequency 925.7 MHz



Date: 1.APR.2019 12:50:46

Frequency 927.5 MHz

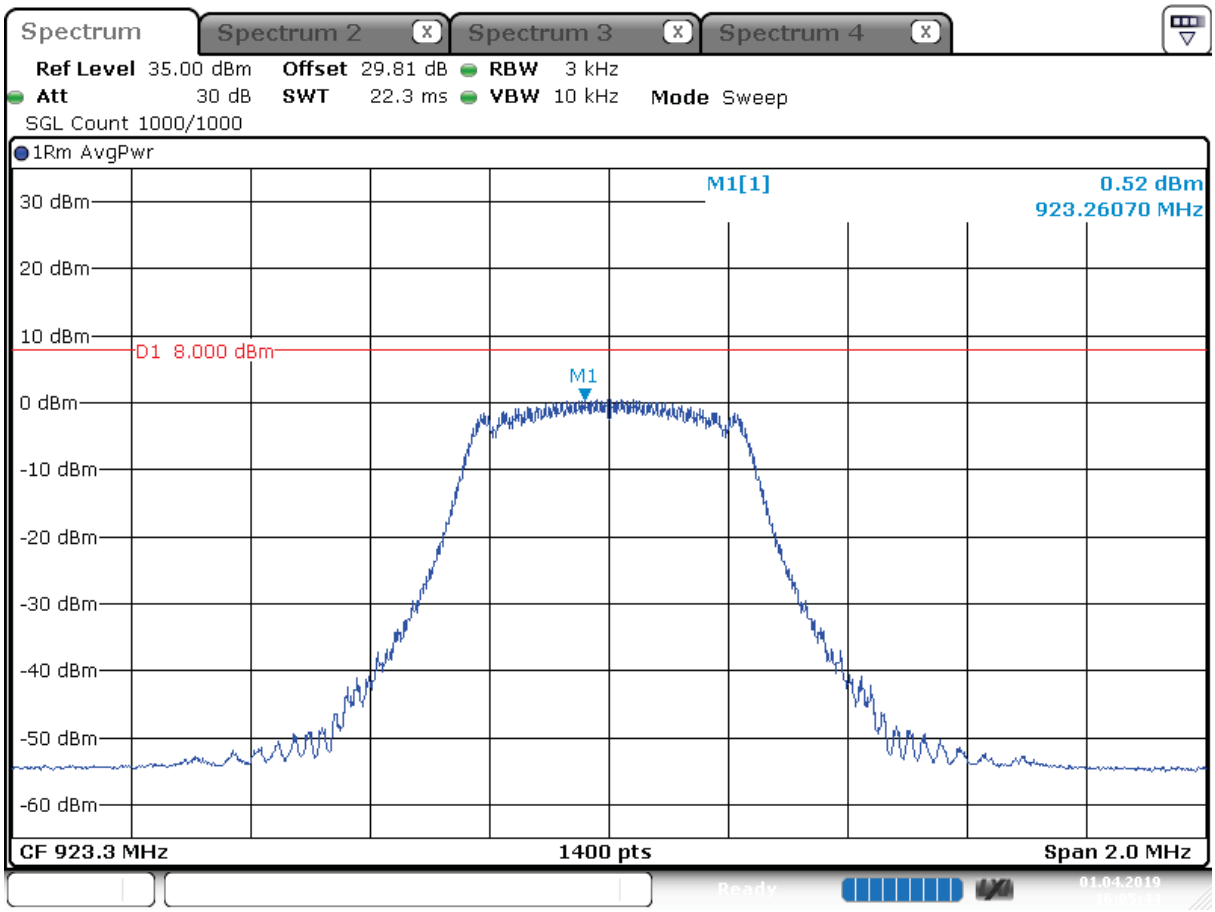


Date: 1.APR.2019 12:52:44

RF OUTPUT 2

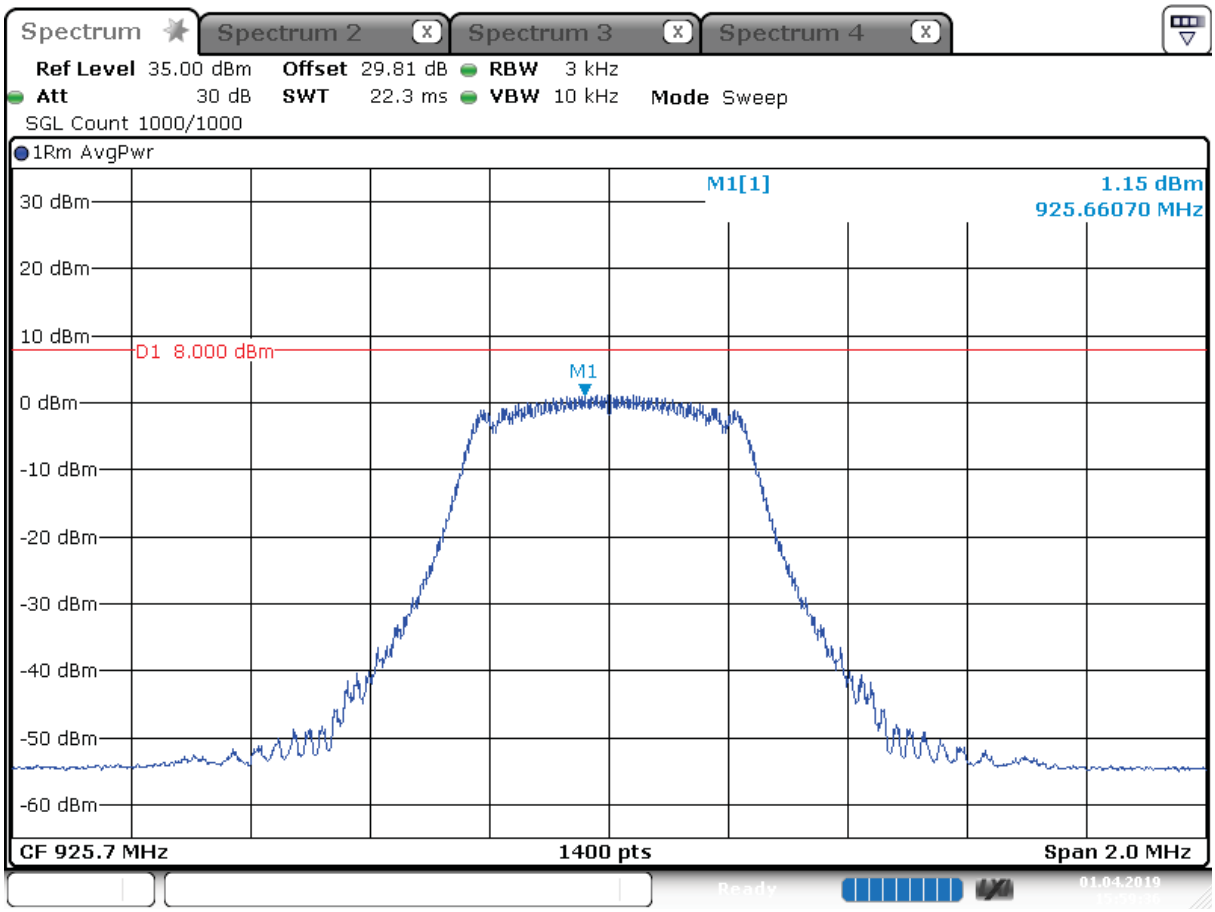
SPREAD FACTOR 7

Frequency 923.3 MHz



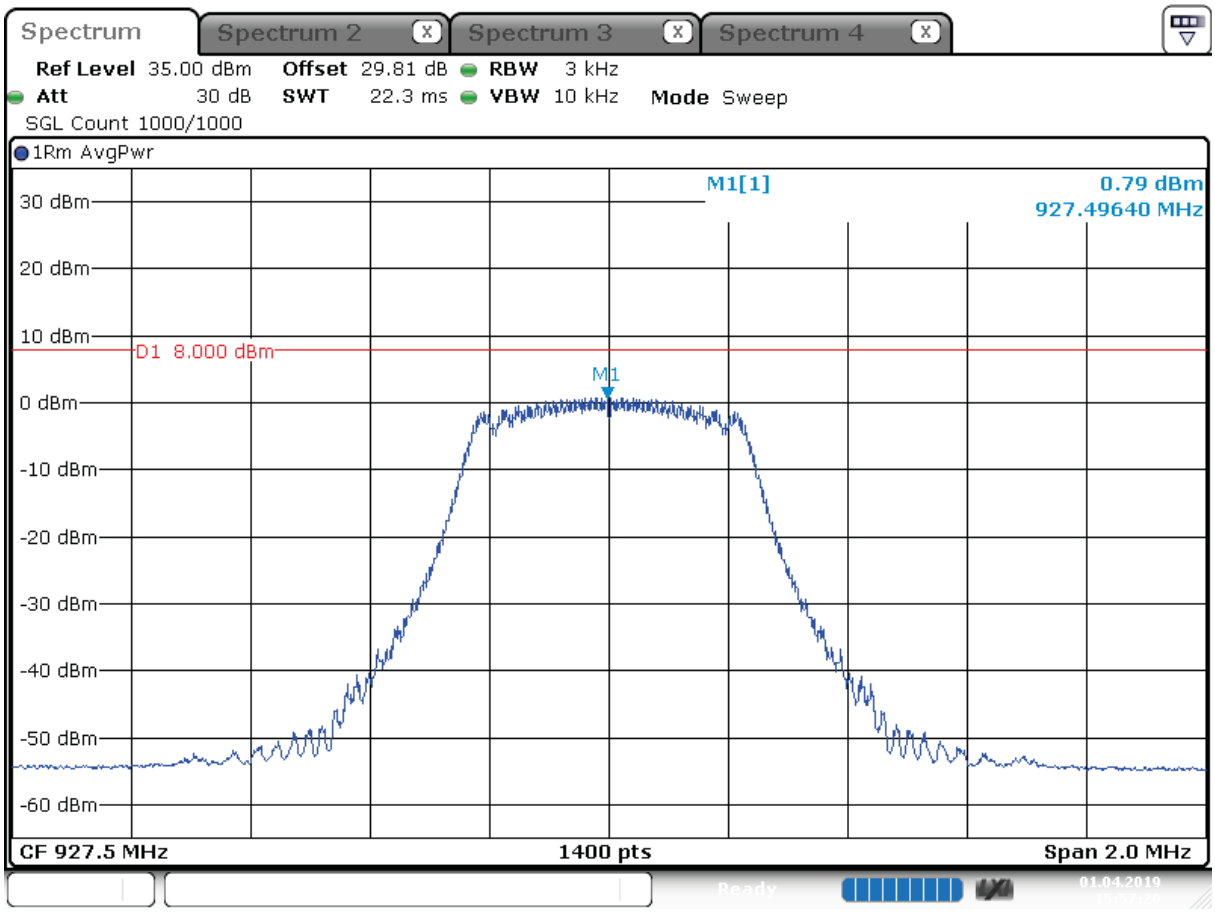
Date: 1.APR.2019 16:05:44

Frequency 925.7 MHz



Date: 1.APR.2019 15:59:37

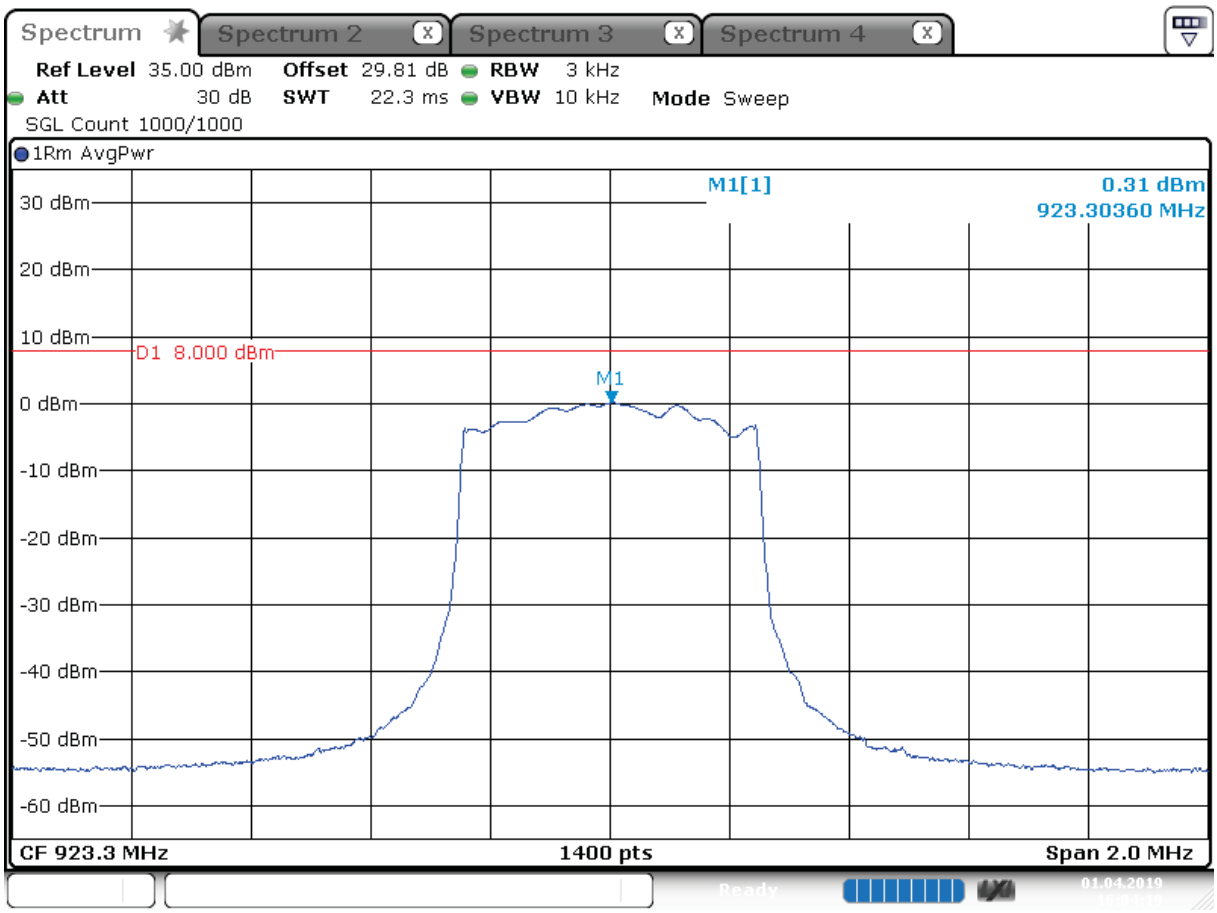
Frequency 927.5 MHz



Date: 1.APR.2019 15:57:21

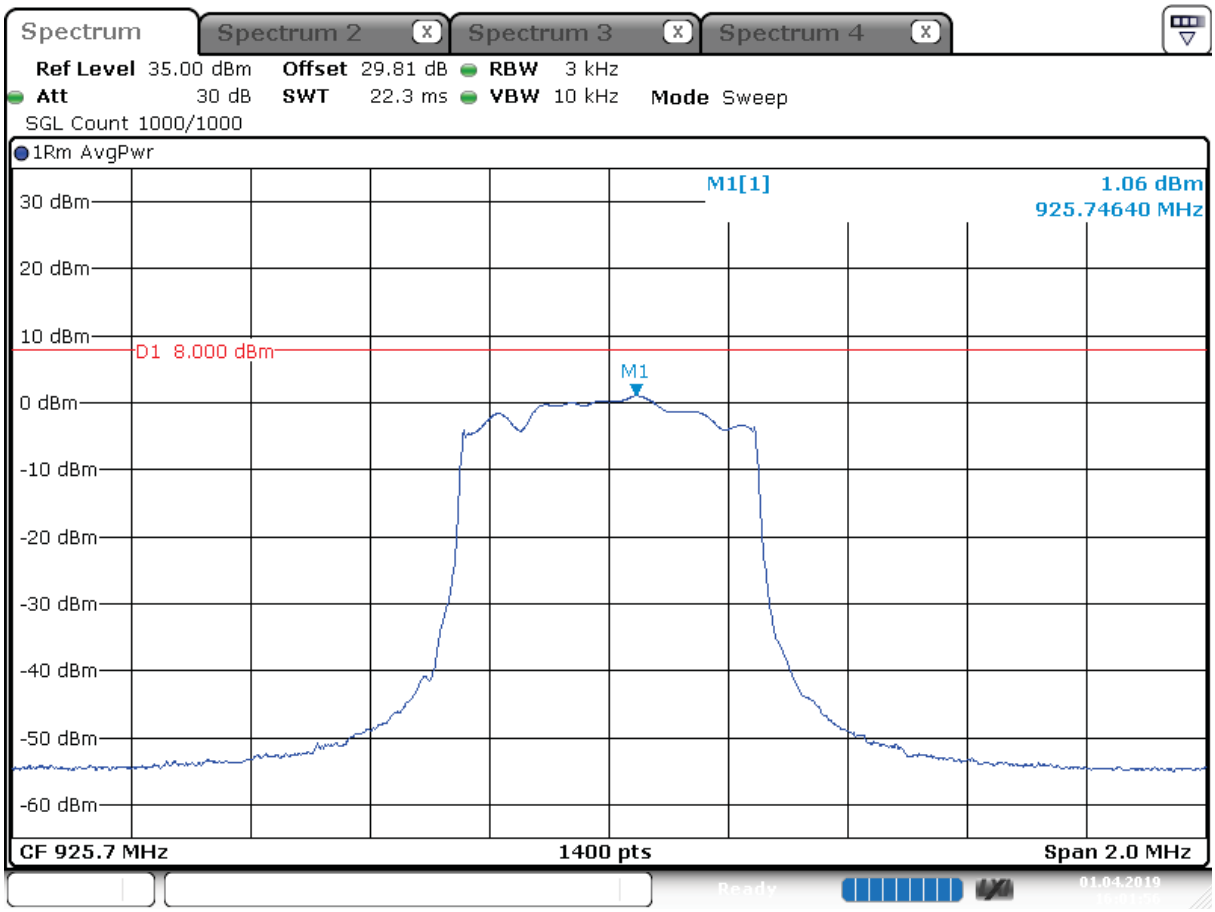
SPREAD FACTOR 12

Frequency 923.3 MHz



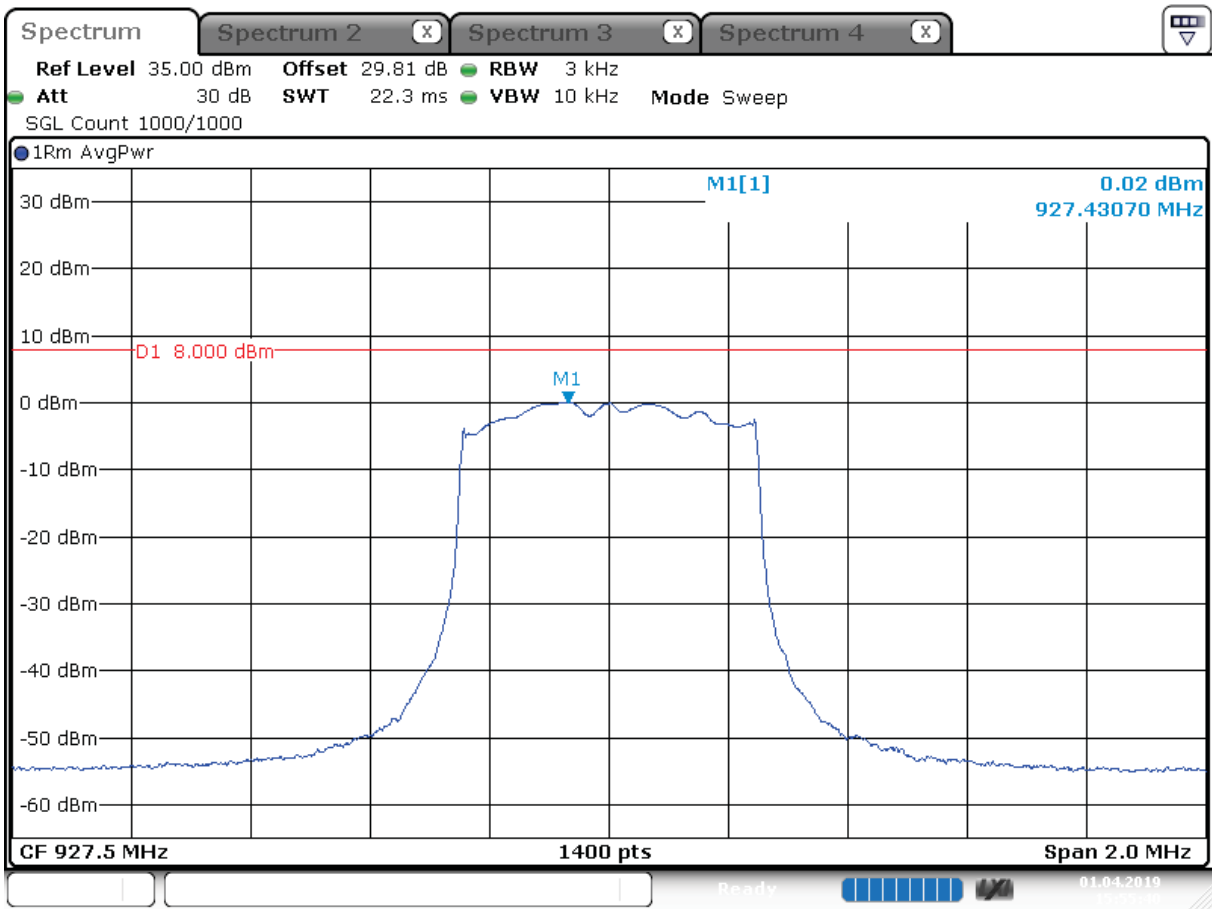
Date: 1.APR.2019 16:04:20

Frequency 925.7 MHz



Date: 1.APR.2019 16:01:57

Frequency 927.5 MHz



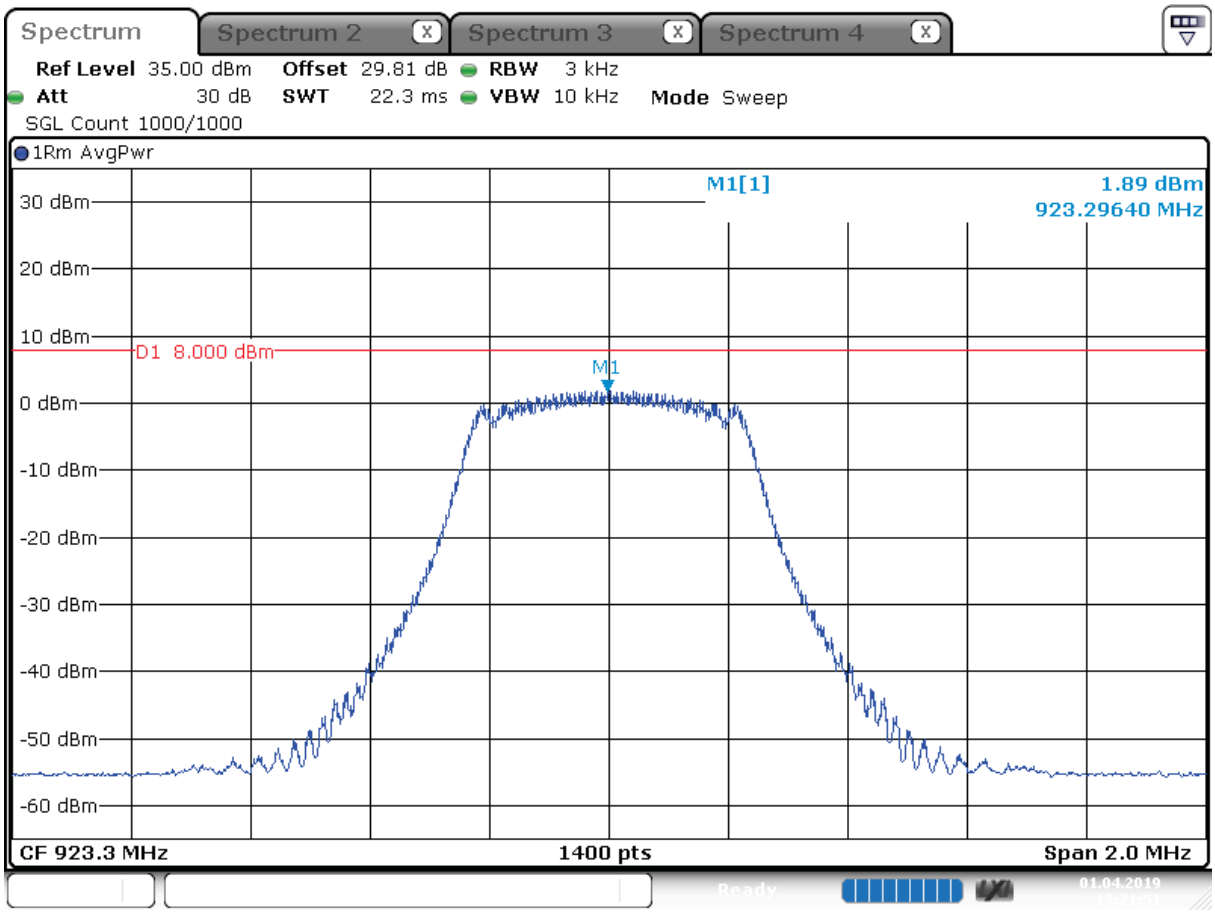
Date: 1.APR.2019 15:55:41

Module 3

RF OUTPUT 1

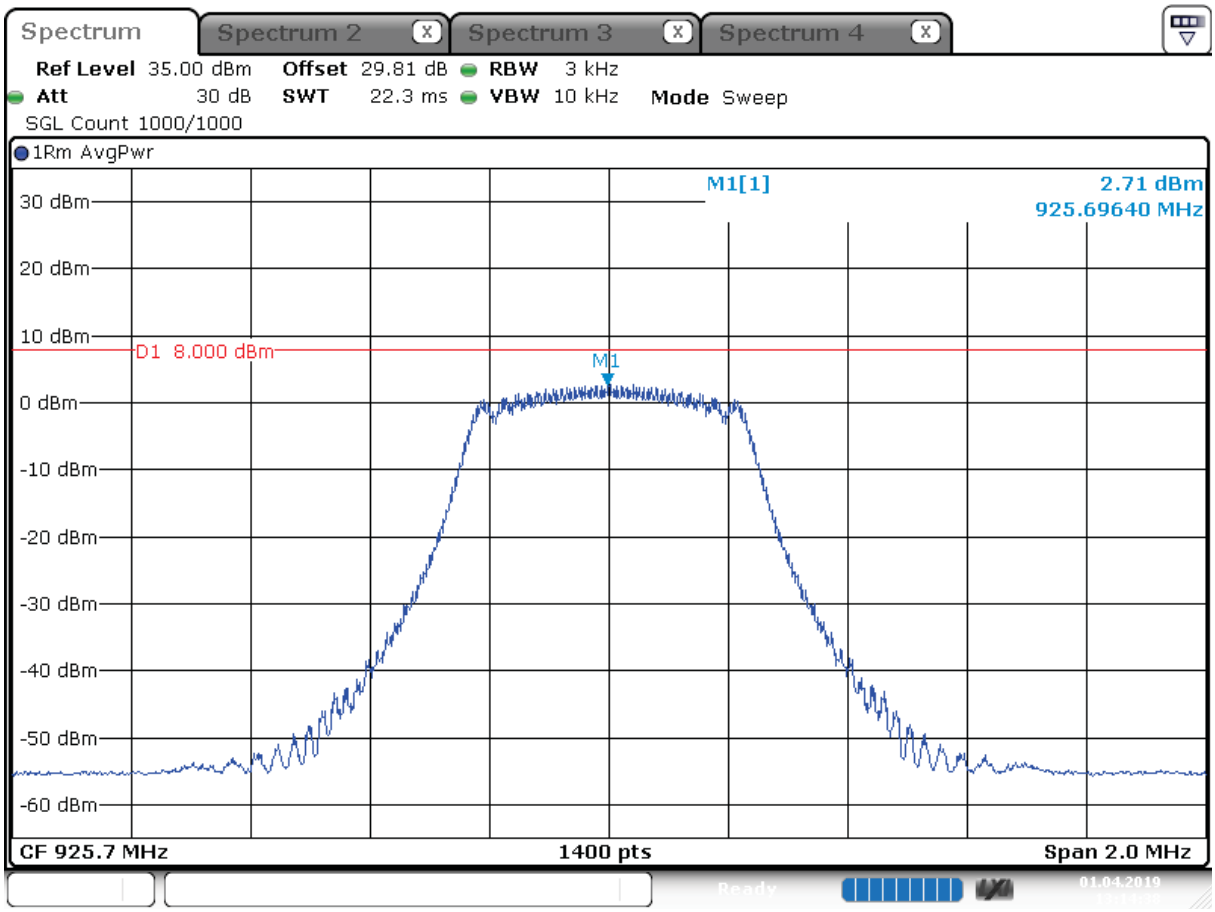
SPREAD FACTOR 7

Frequency 923.3 MHz



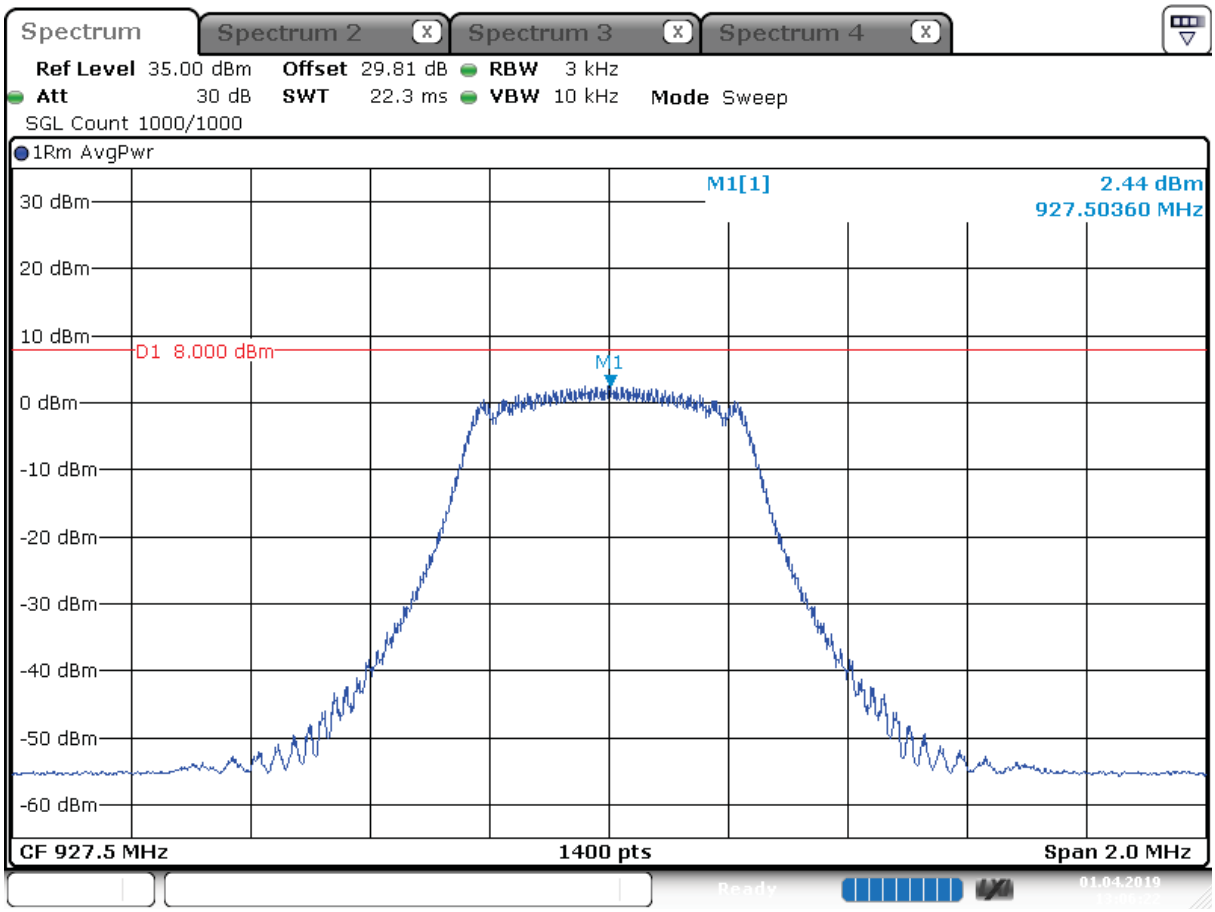
Date: 1.APR.2019 13:21:51

Frequency 925.7 MHz



Date: 1.APR.2019 13:14:38

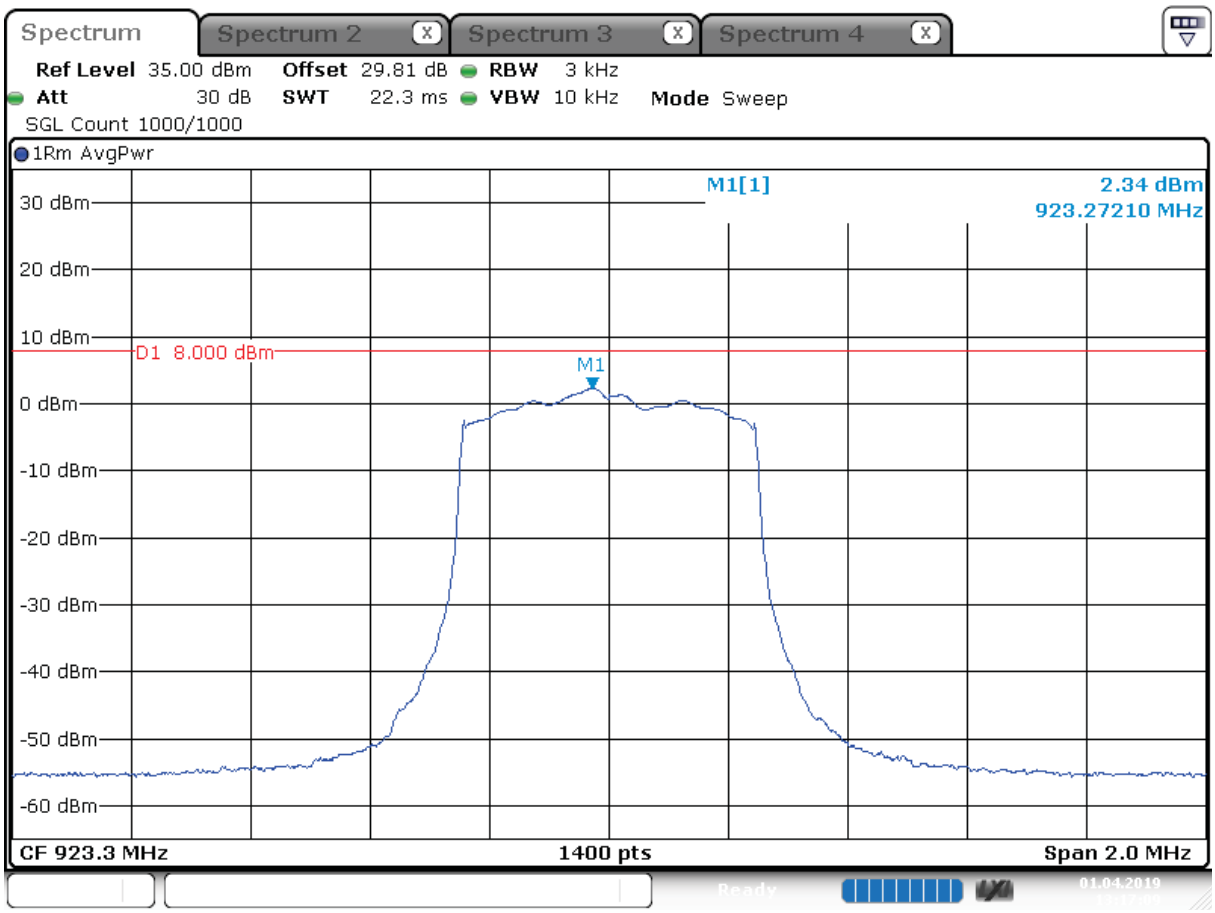
Frequency 927.5 MHz



Date: 1.APR.2019 13:06:22

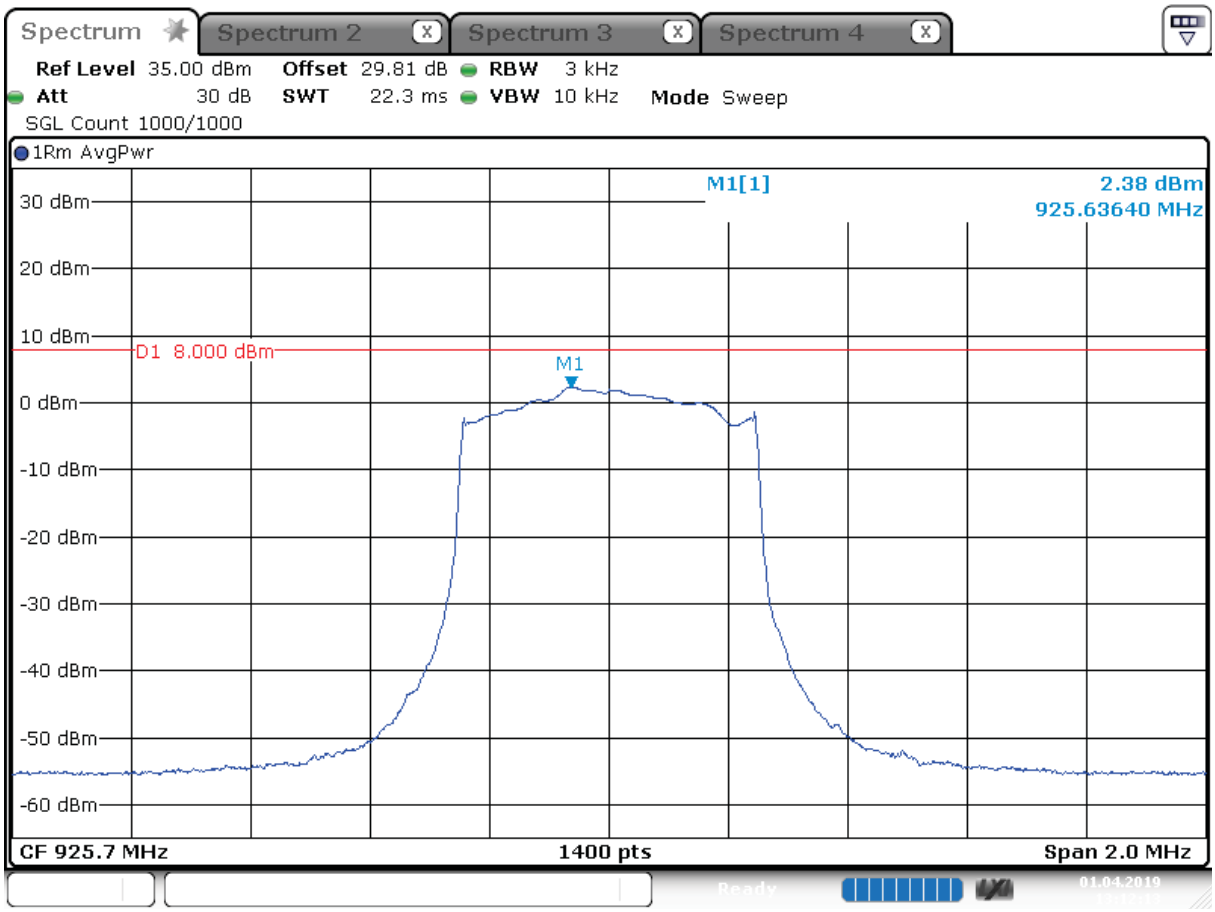
SPREAD FACTOR 12

Frequency 923.3 MHz



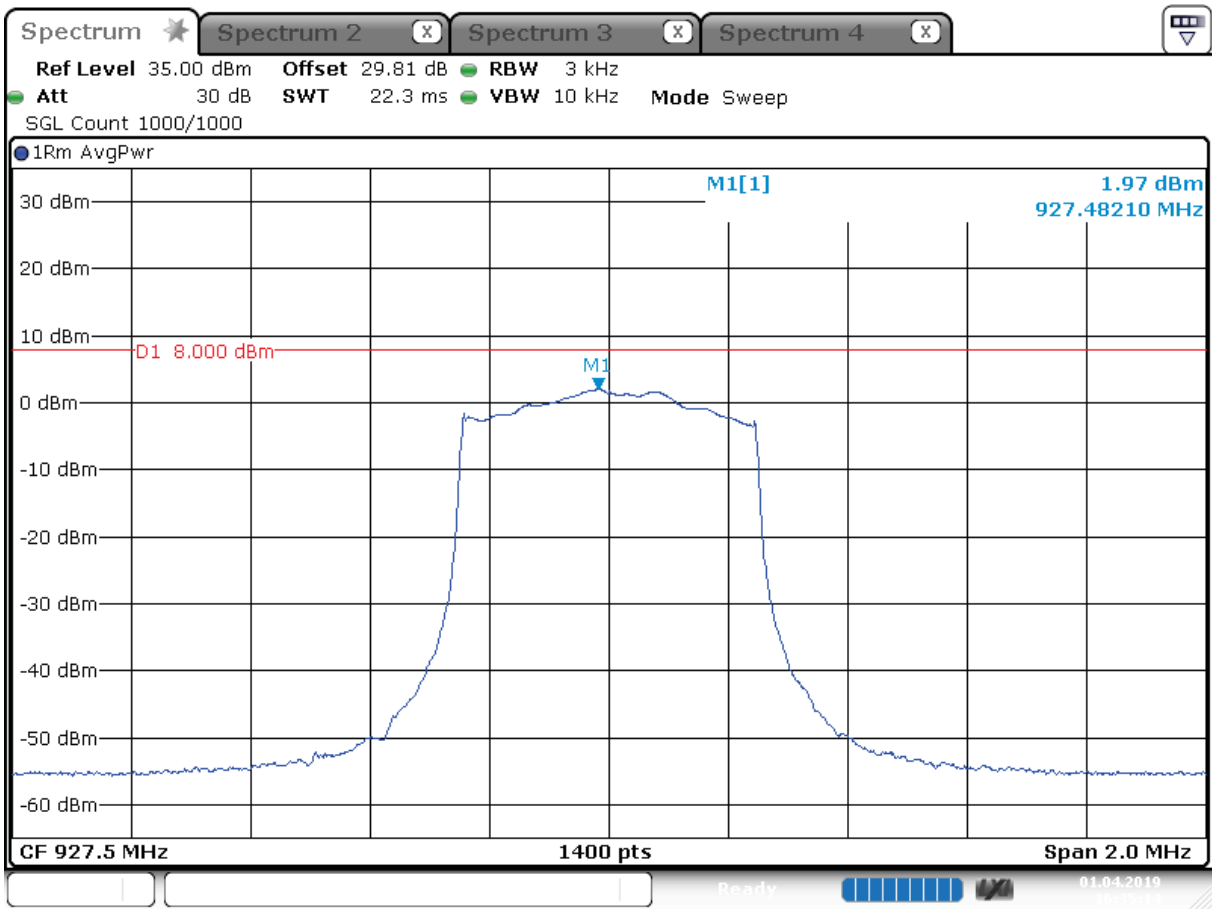
Date: 1.APR.2019 13:17:10

Frequency 925.7 MHz



Date: 1.APR.2019 13:12:13

Frequency 927.5 MHz

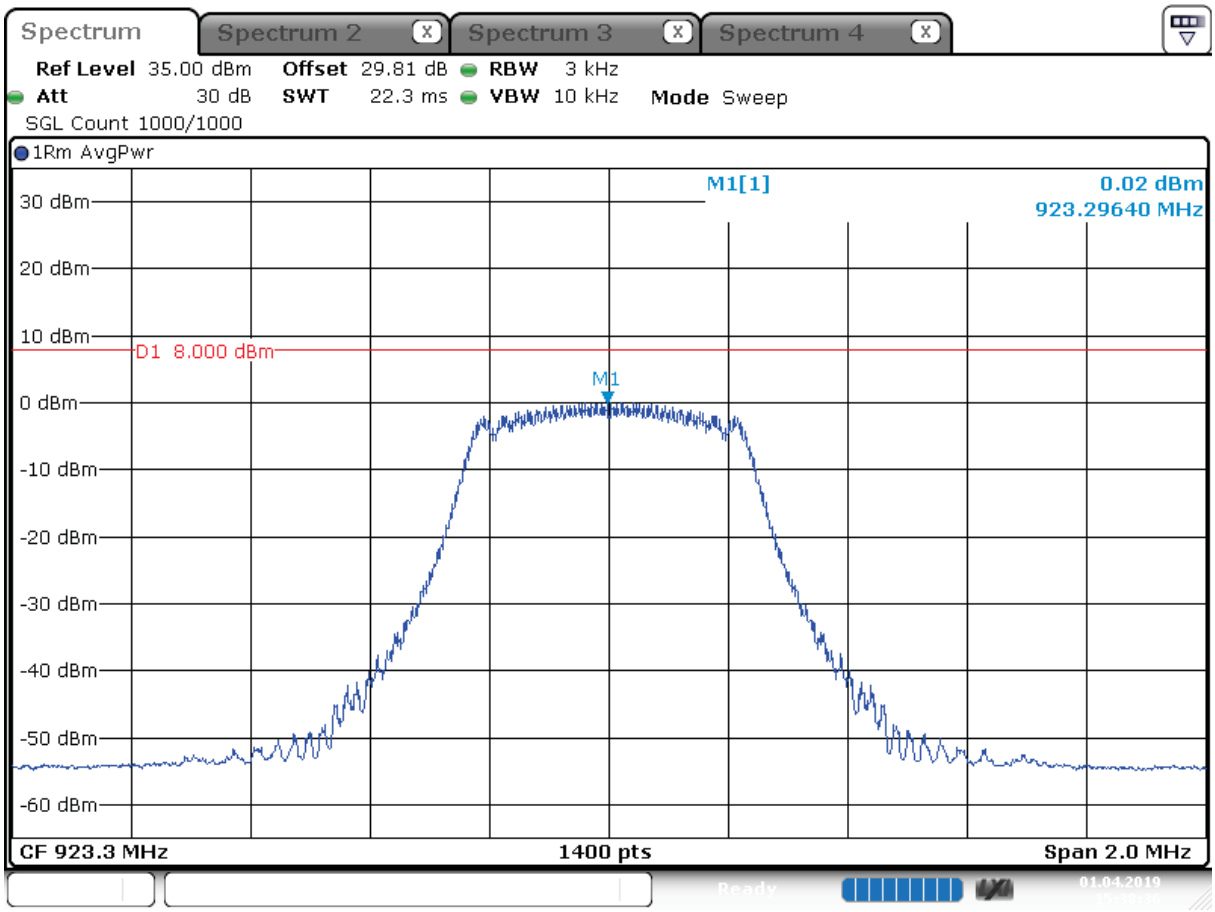


Date: 1.APR.2019 16:35:14

RF OUTPUT 2

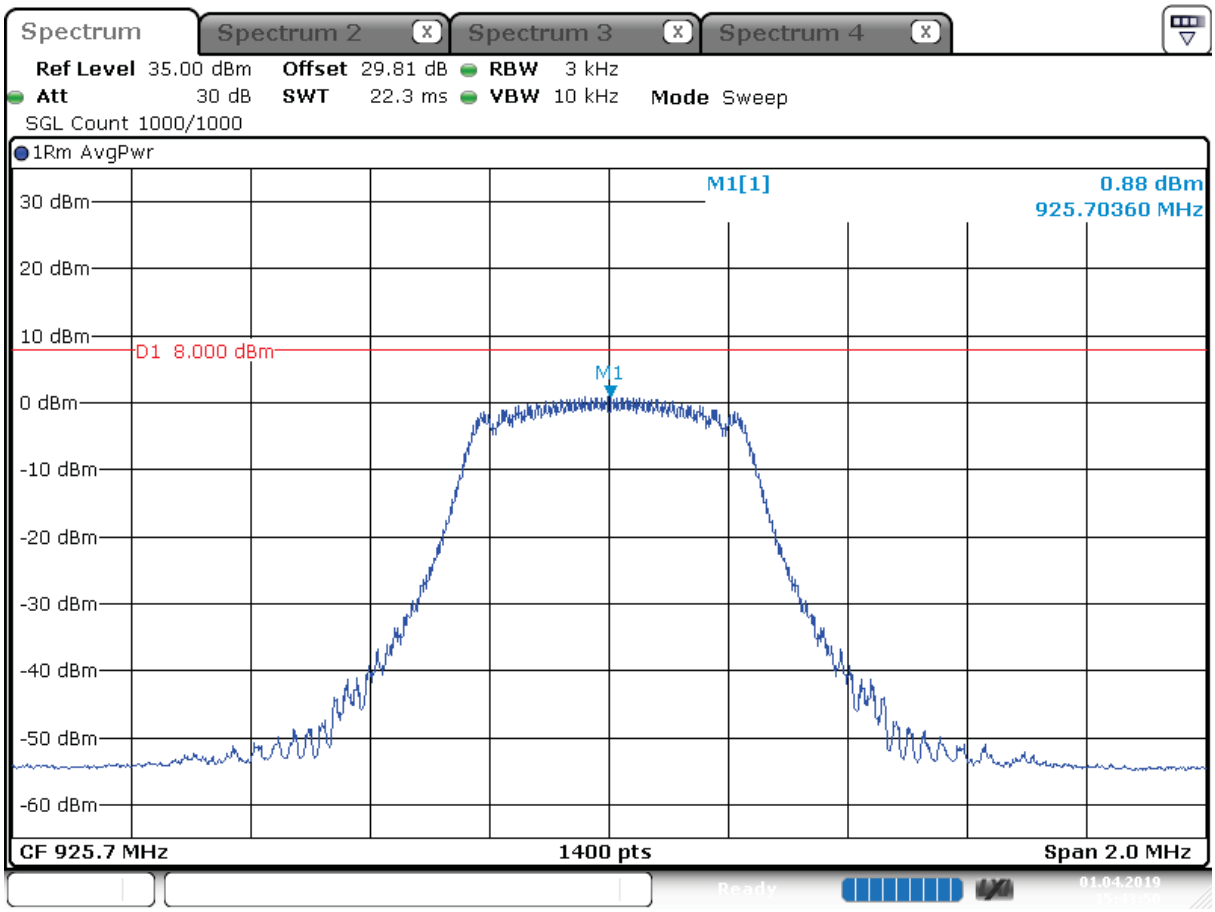
SPREAD FACTOR 7

Frequency 923.3 MHz



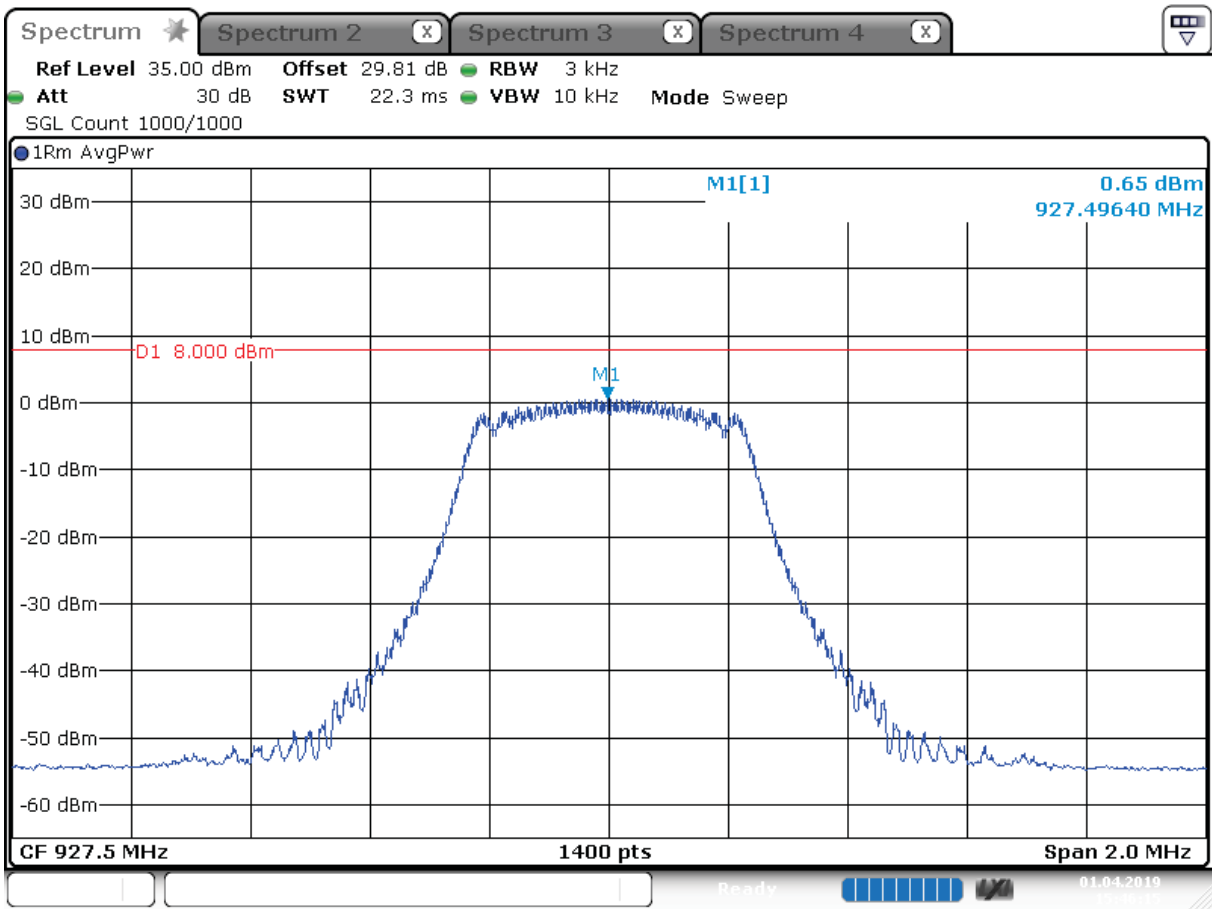
Date: 1.APR.2019 15:38:36

Frequency 925.7 MHz



Date: 1.APR.2019 15:43:51

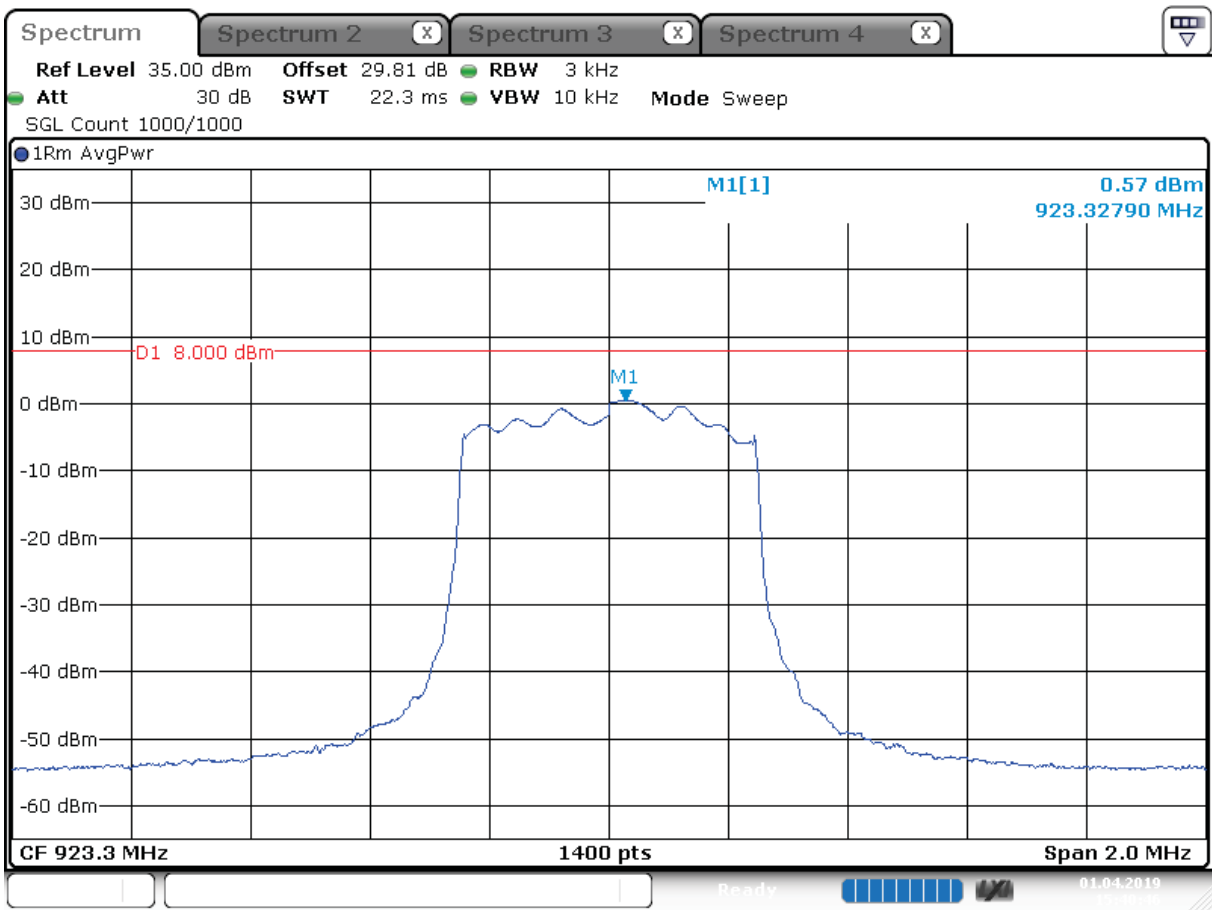
Frequency 927.5 MHz



Date: 1.APR.2019 15:46:16

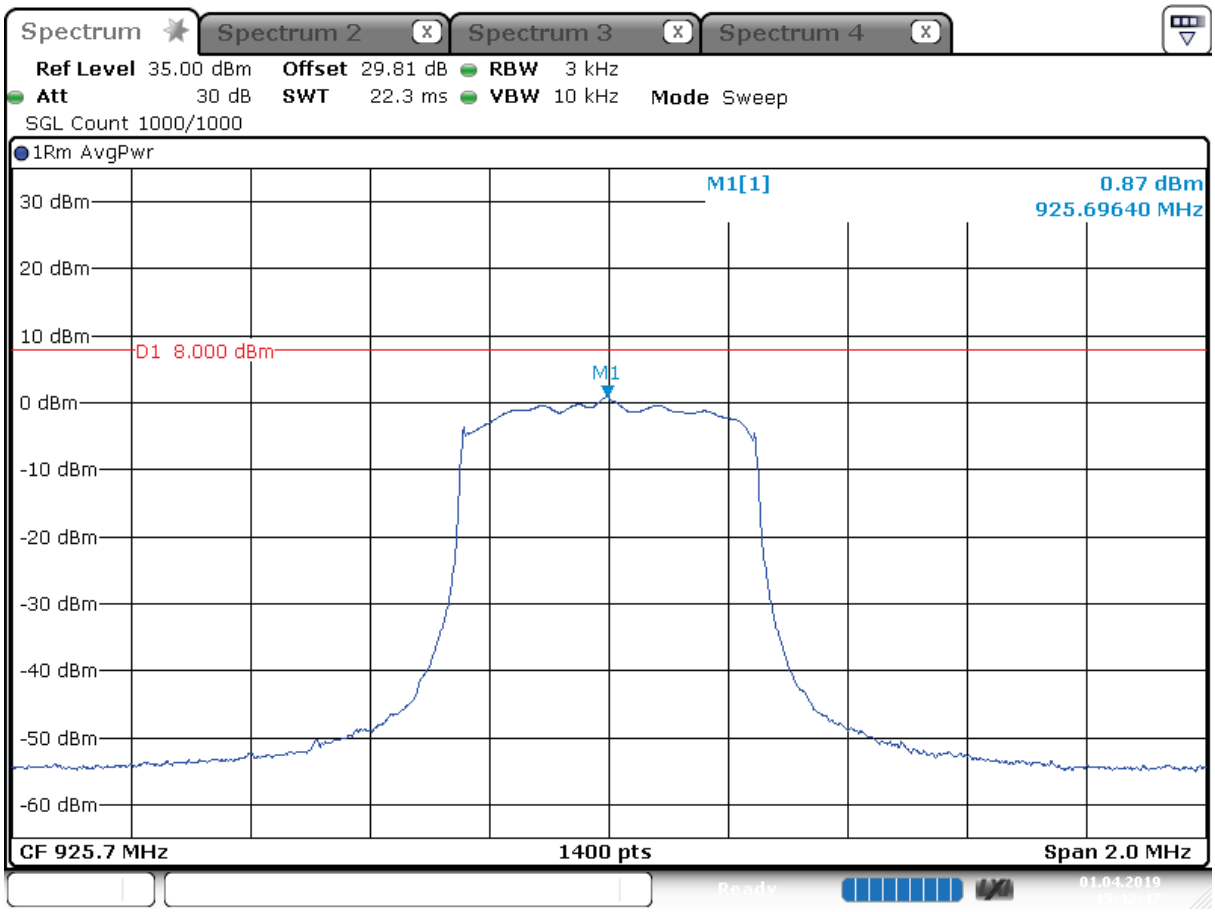
SPREAD FACTOR 12

Frequency 923.3 MHz



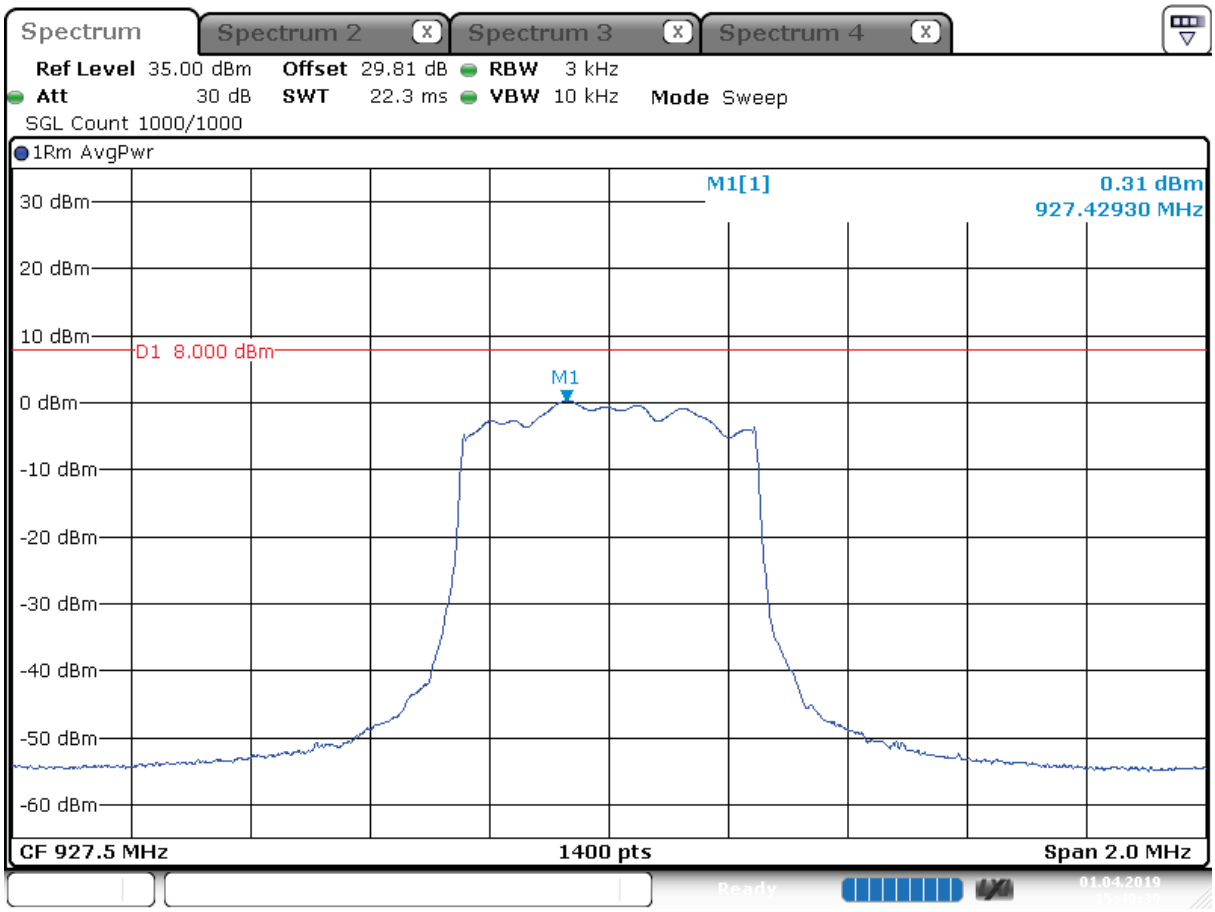
Date: 1.APR.2019 15:40:46

Frequency 925.7 MHz



Date: 1.APR.2019 15:42:48

Frequency 927.5 MHz



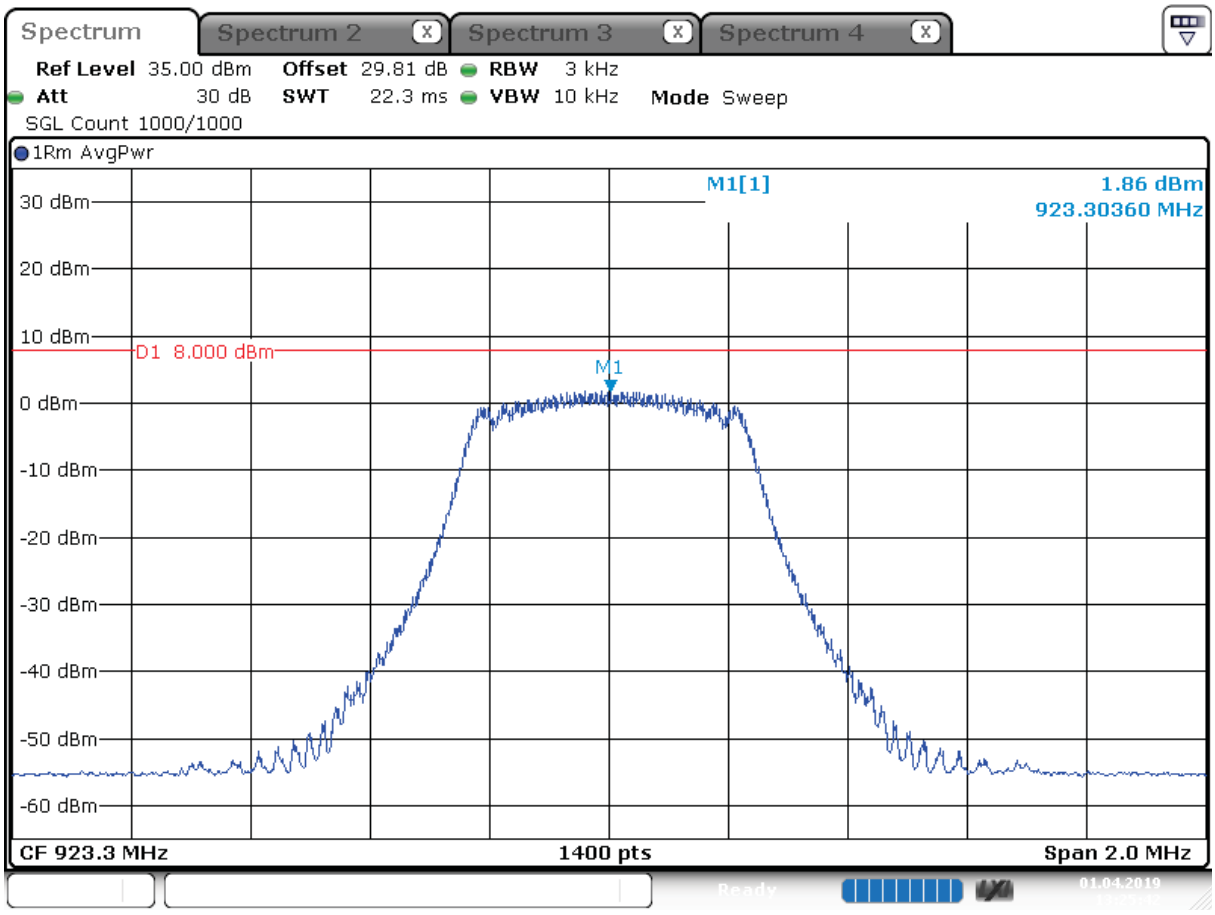
Date: 1.APR.2019 15:49:39

Module 4

RF OUTPUT 1

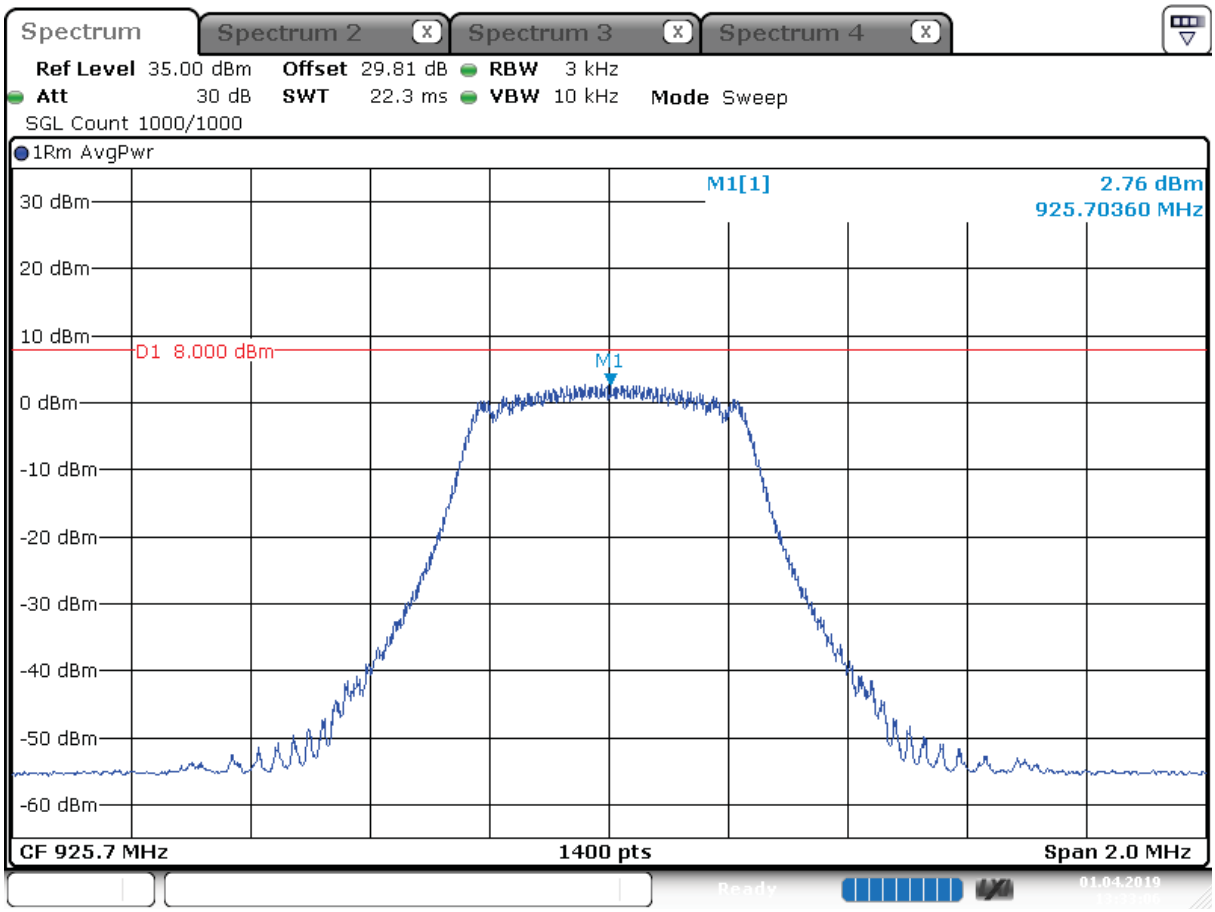
SPREAD FACTOR 7

Frequency 923.3 MHz



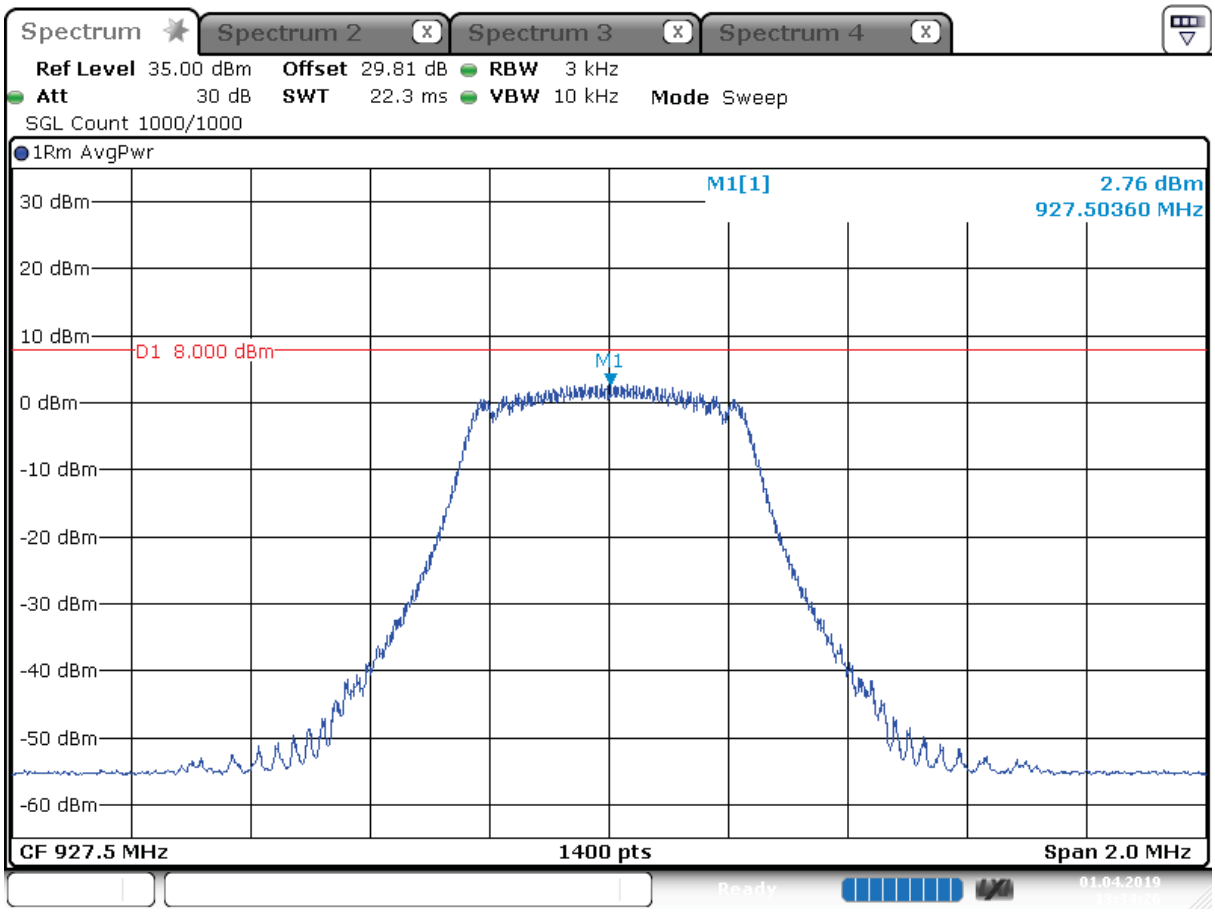
Date: 1.APR.2019 13:25:43

Frequency 925.7 MHz



Date: 1.APR.2019 13:33:06

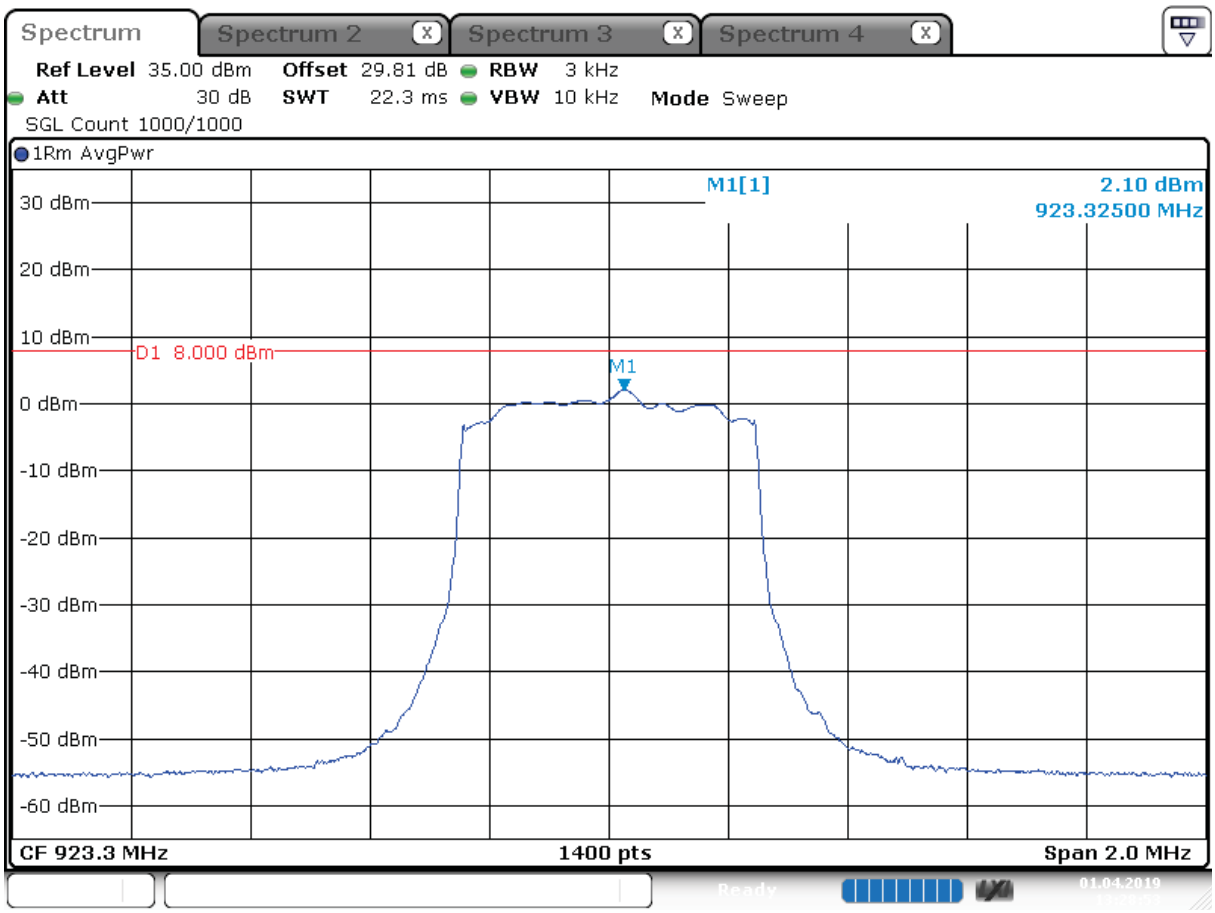
Frequency 927.5 MHz



Date: 1.APR.2019 13:34:27

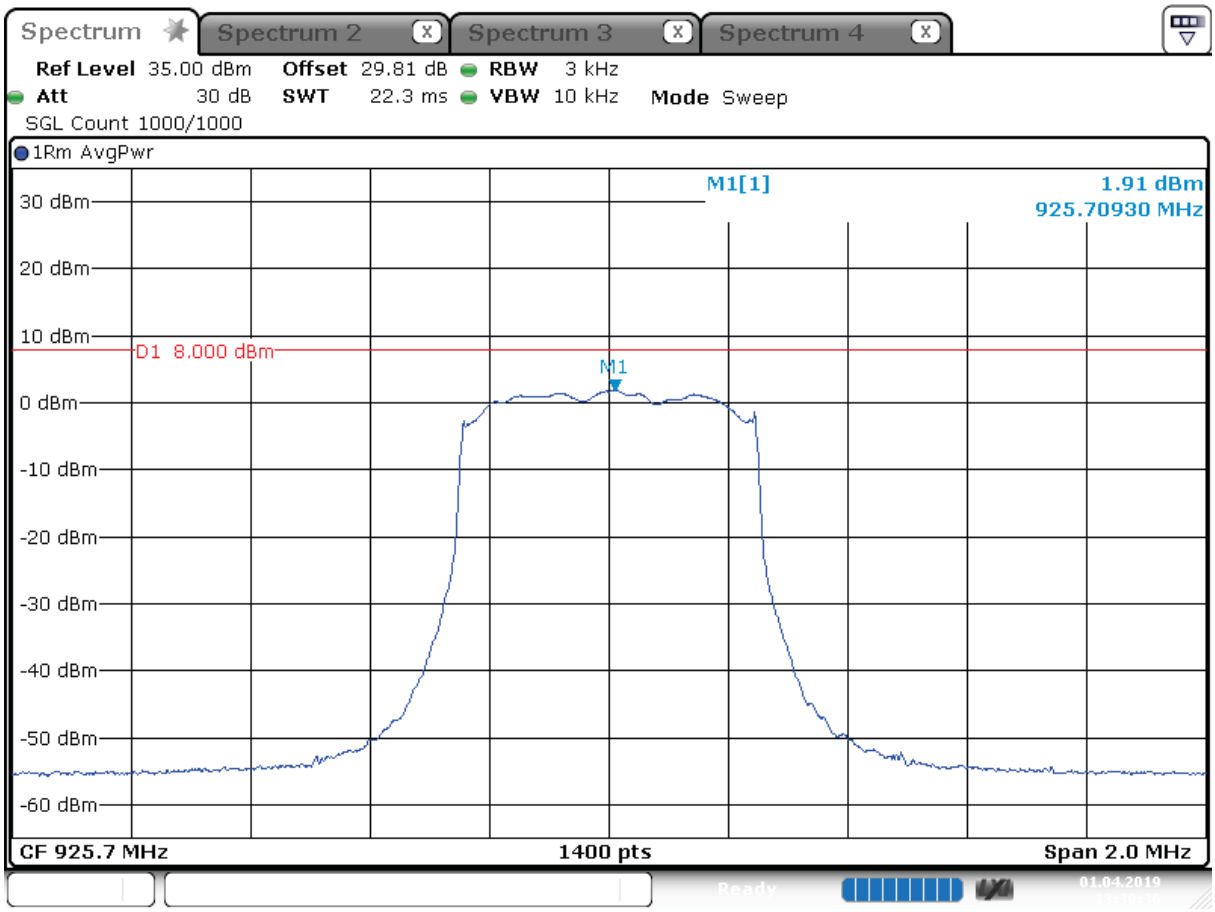
SPREAD FACTOR 12

Frequency 923.3 MHz



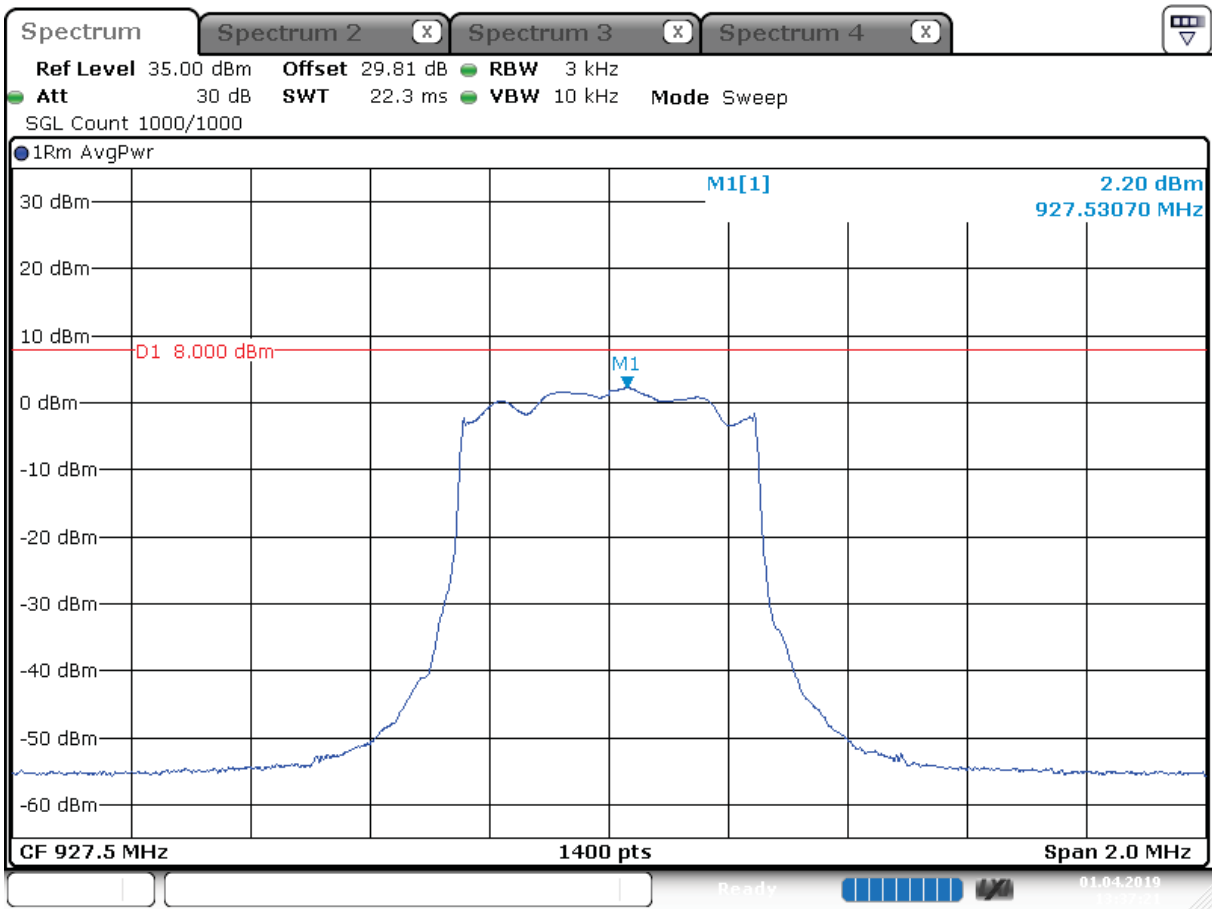
Date: 1.APR.2019 13:28:54

Frequency 925.7 MHz



Date: 1.APR.2019 13:30:37

Frequency 927.5 MHz

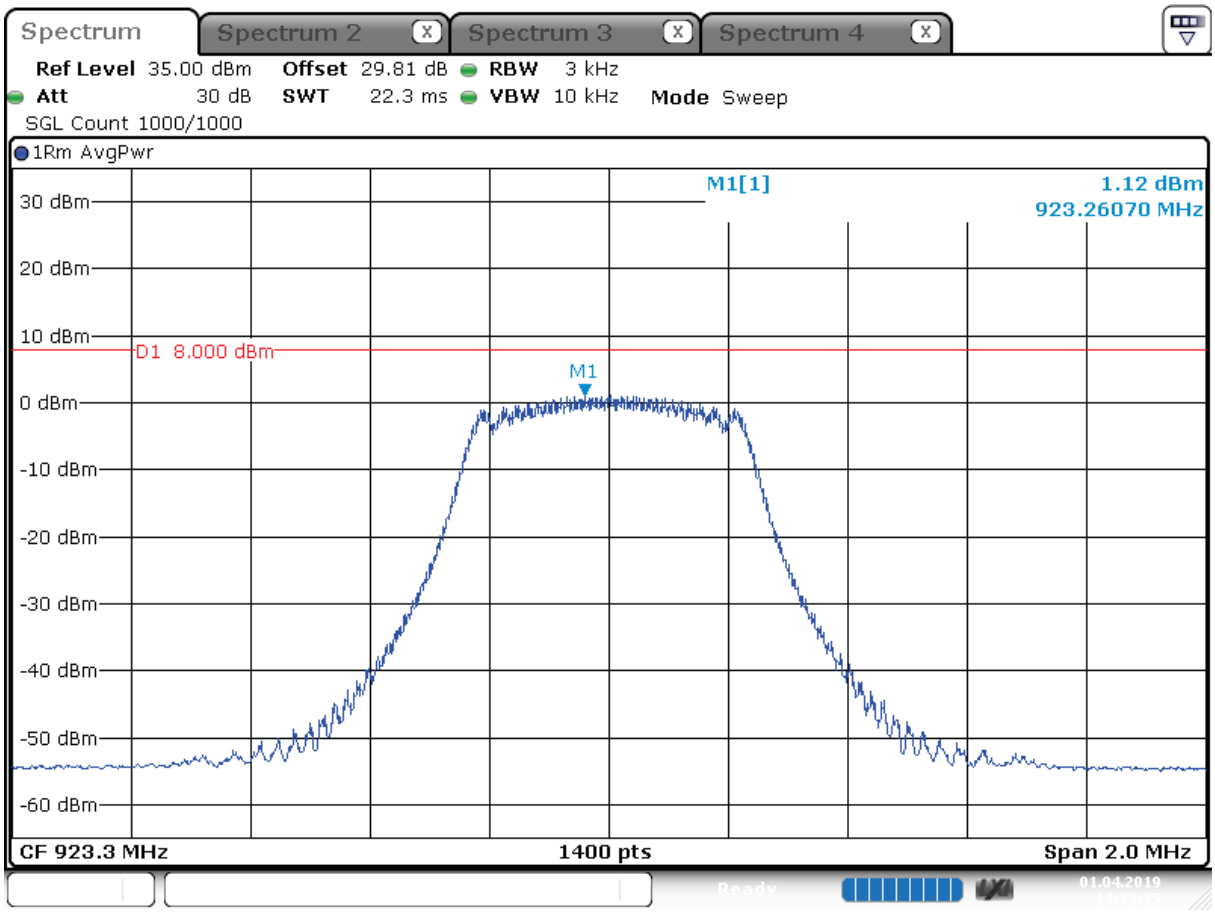


Date: 1.APR.2019 13:37:22

RF OUTPUT 2

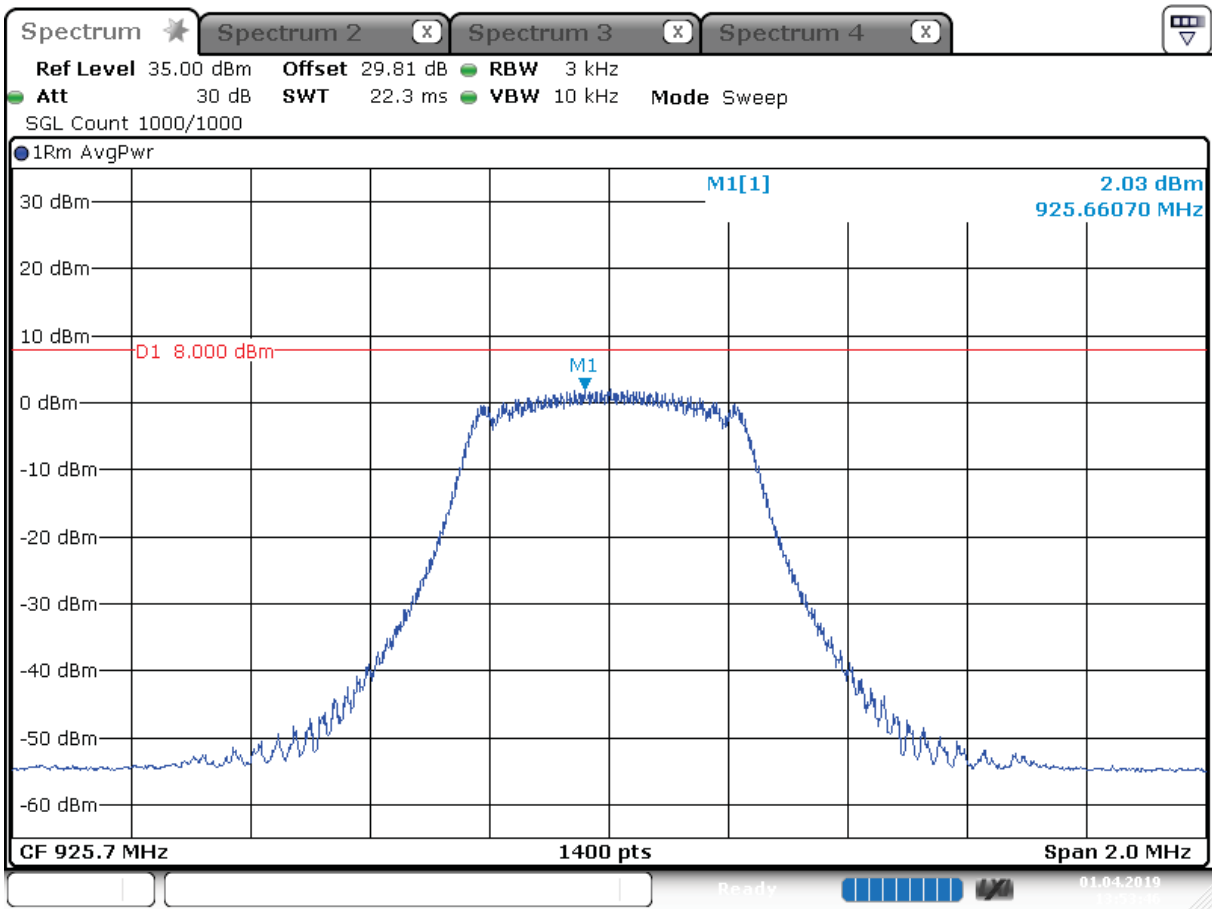
SPREAD FACTOR 7

Frequency 923.3 MHz



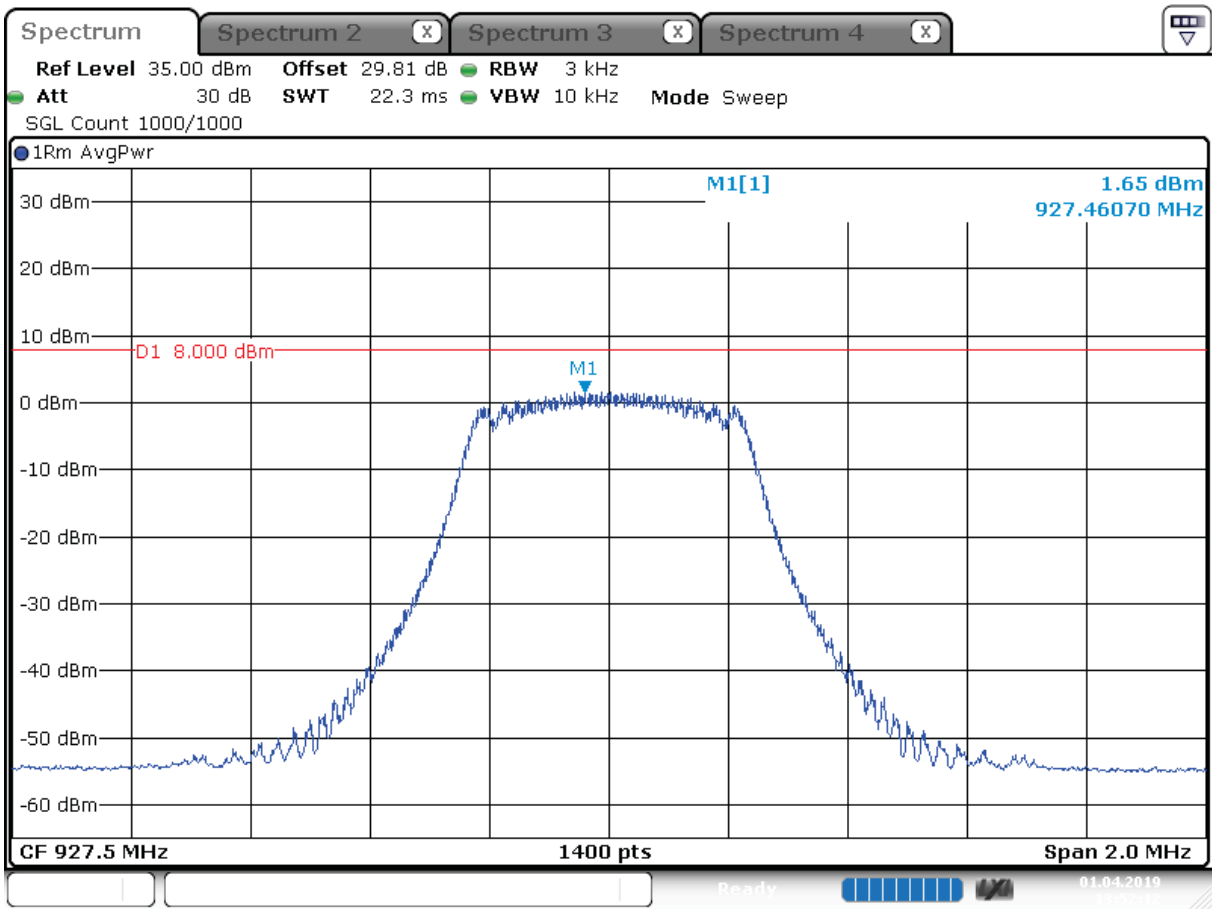
Date: 1.APR.2019 14:39:35

Frequency 925.7 MHz



Date: 1.APR.2019 13:53:47

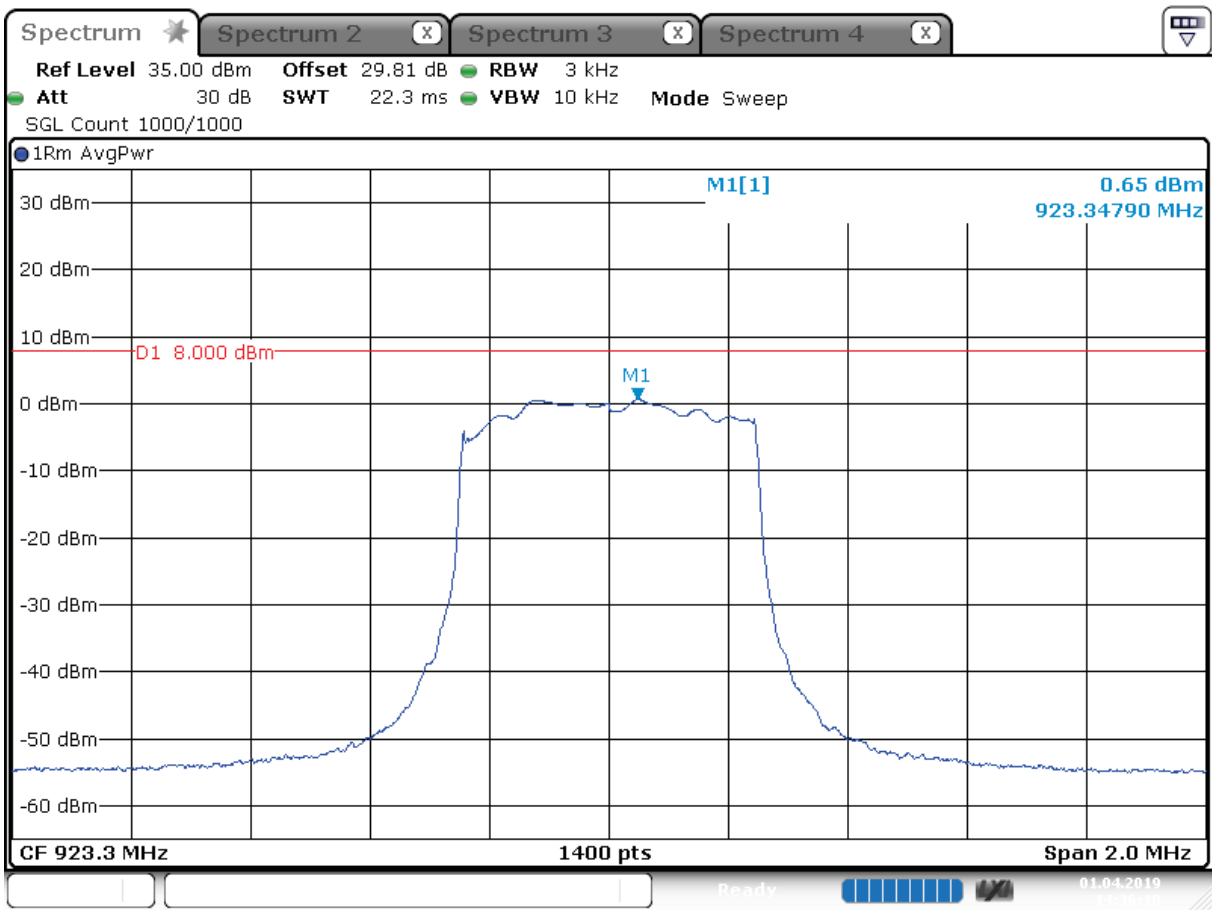
Frequency 927.5 MHz



Date: 1.APR.2019 13:52:12

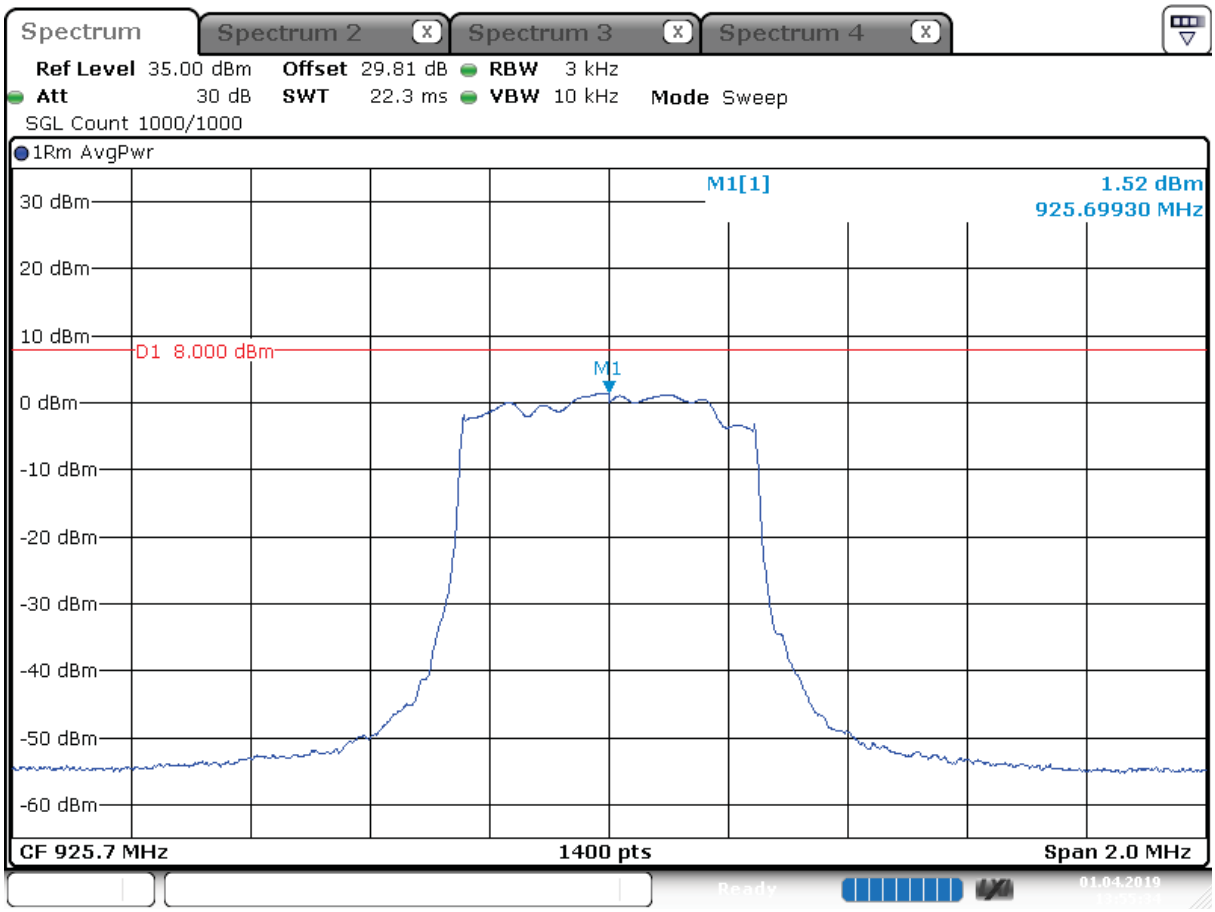
SPREAD FACTOR 12

Frequency 923.3 MHz



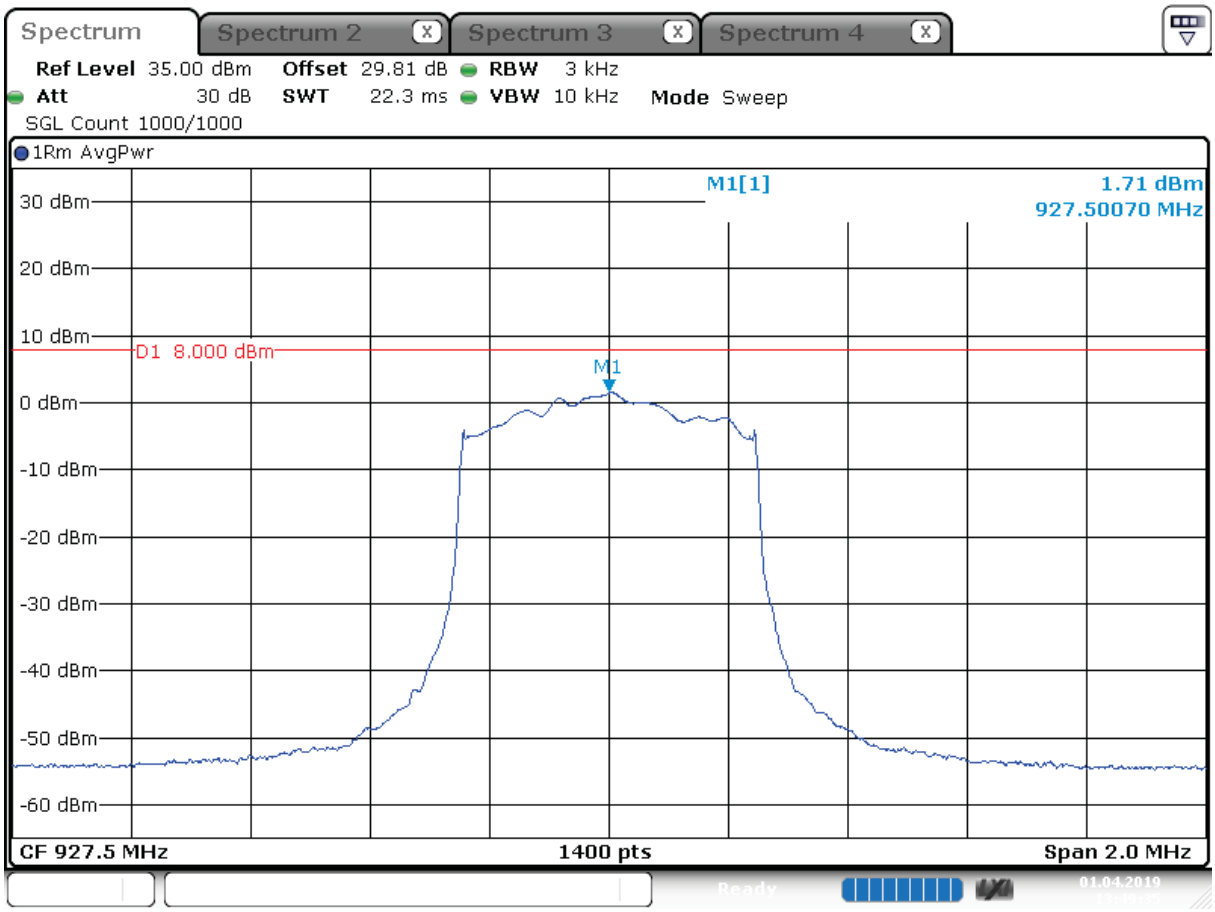
Date: 1.APR.2019 14:36:10

Frequency 925.7 MHz



Date: 1.APR.2019 13:55:34

Frequency 927.5 MHz



Date: 1.APR.2019 13:49:35