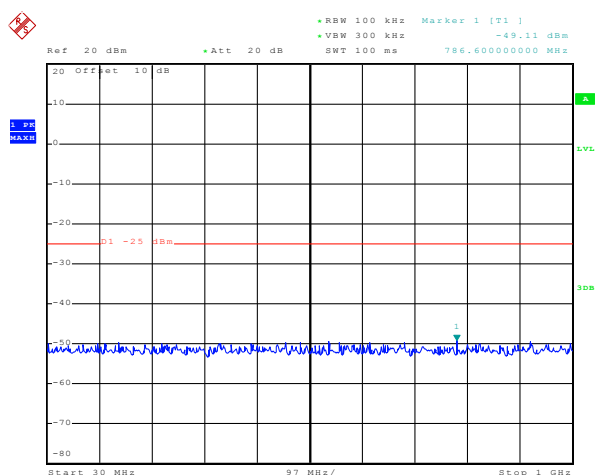
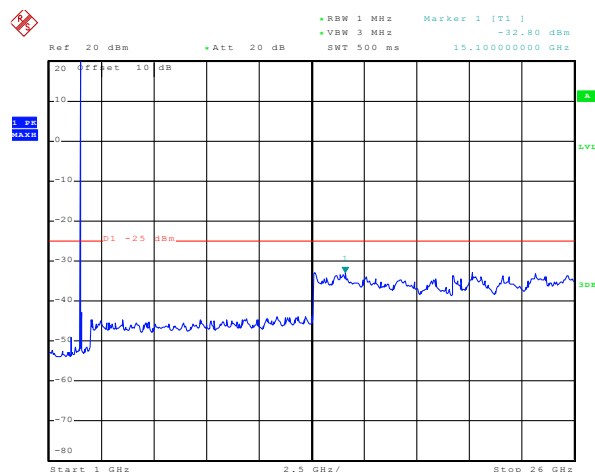


Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:51:39

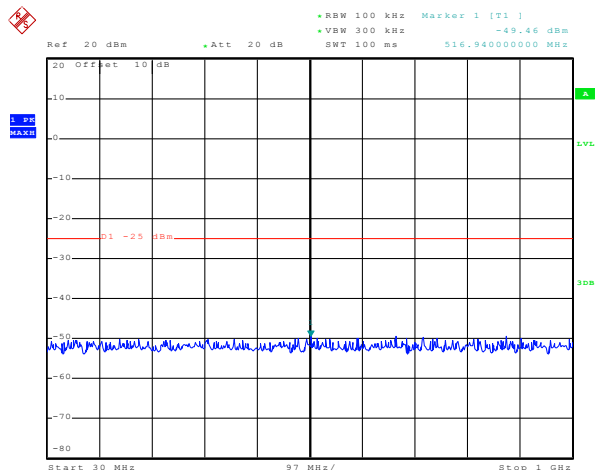
30MHz~1GHz



Date: 9.SEP.2015 15:36:14

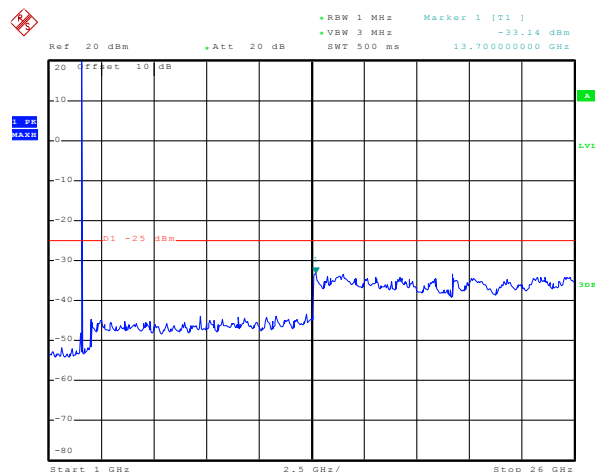
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:52:21

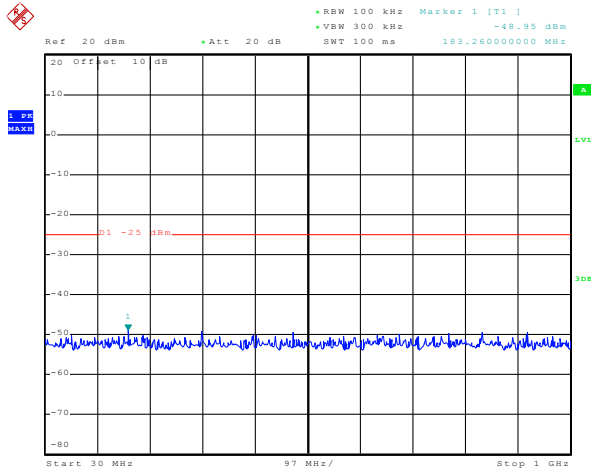
30MHz~1GHz



Date: 9.SEP.2015 15:37:42

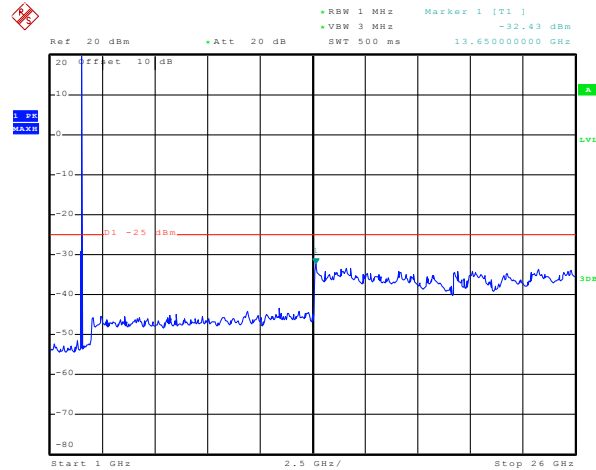
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:51:12

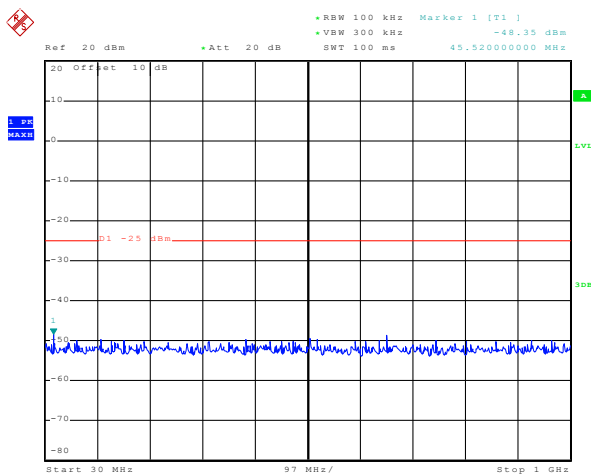
30MHz~1GHz



Date: 9.SEP.2015 15:34:42

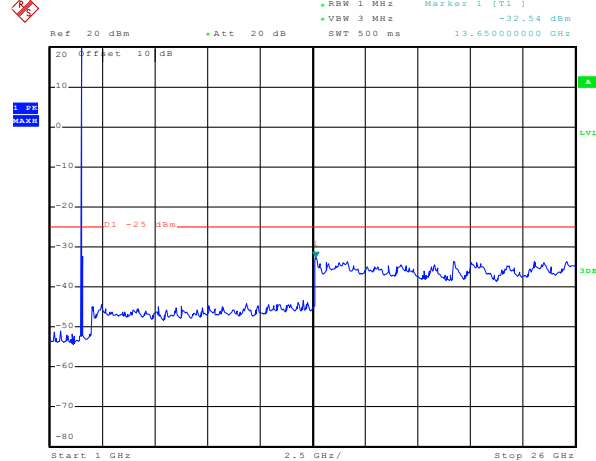
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:51:55

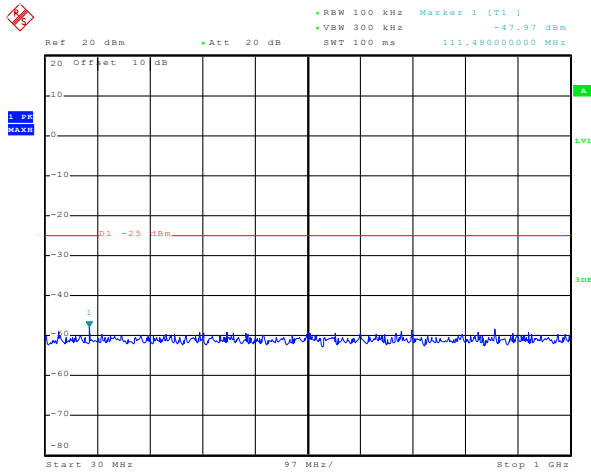
30MHz~1GHz



Date: 9.SEP.2015 15:36:39

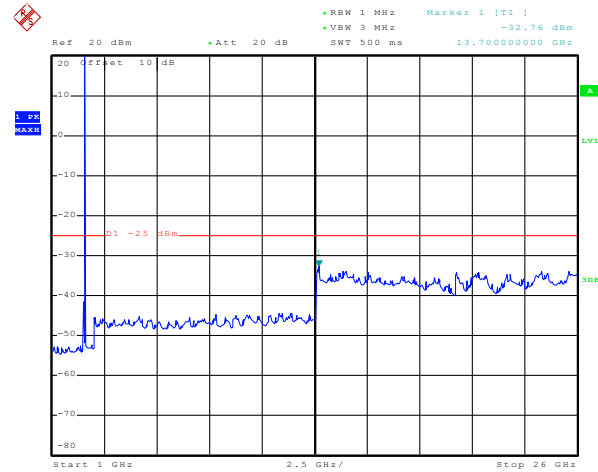
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:52:36

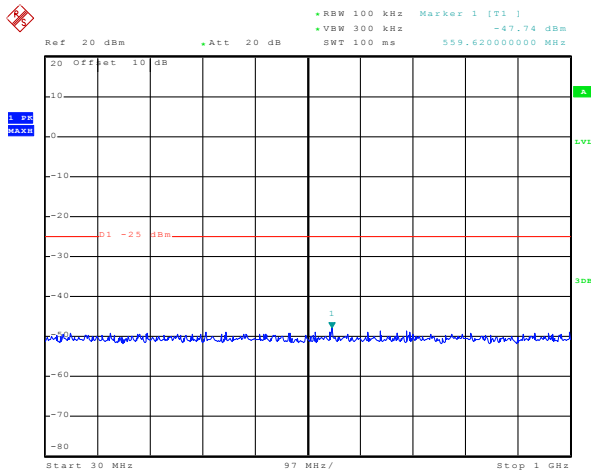
30MHz~1GHz



Date: 9.SEP.2015 15:38:05

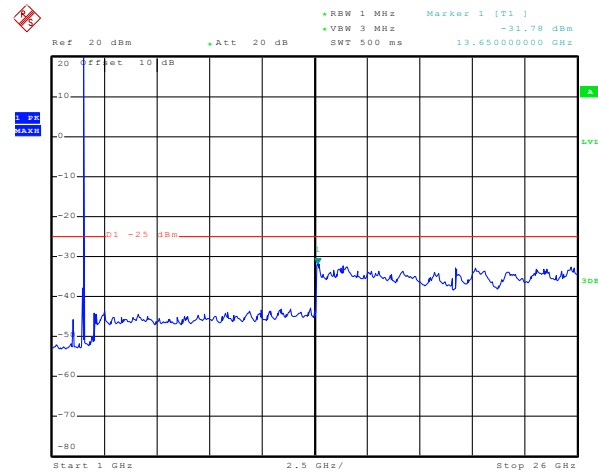
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:50:45

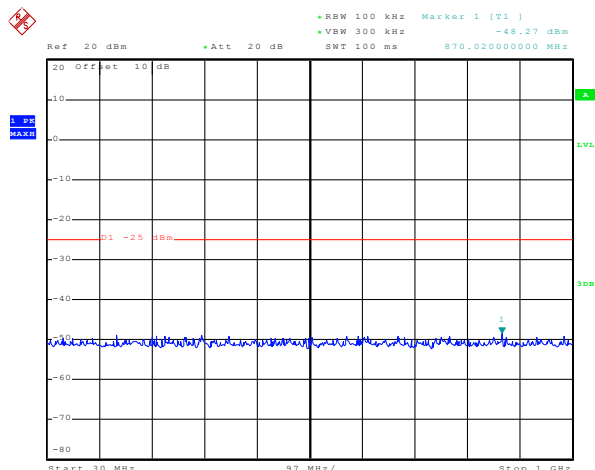
30MHz~1GHz



Date: 9.SEP.2015 15:33:50

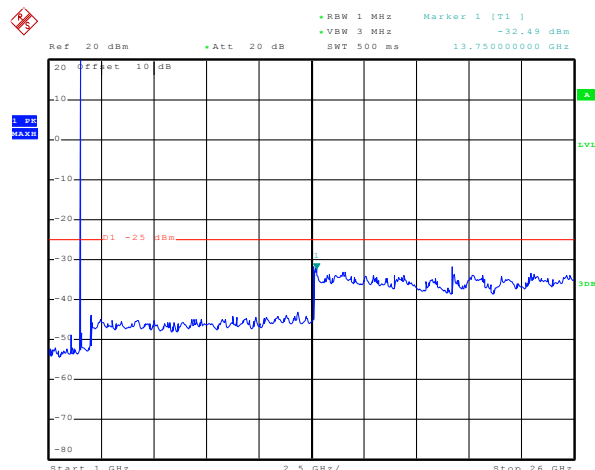
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:51:24

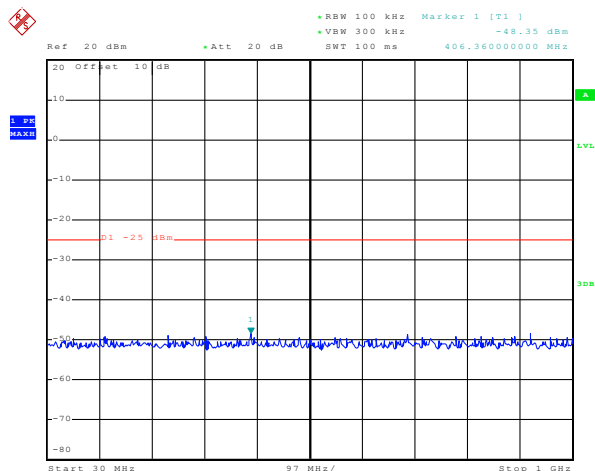
30MHz~1GHz



Date: 9.SEP.2015 15:35:12

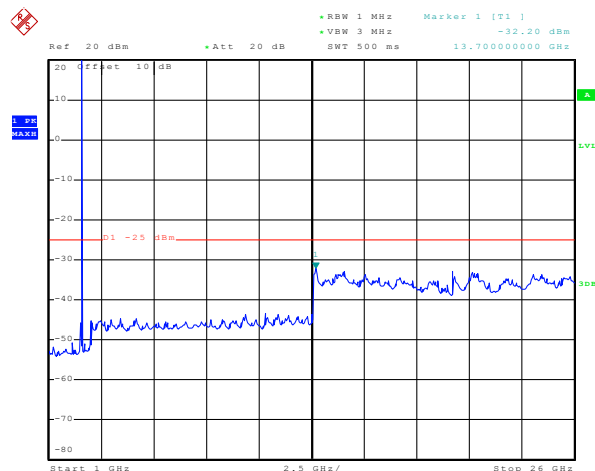
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:52:04

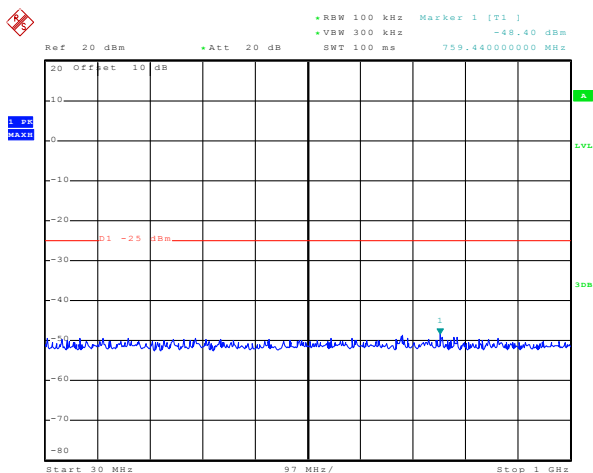
30MHz~1GHz



Date: 9.SEP.2015 15:37:06

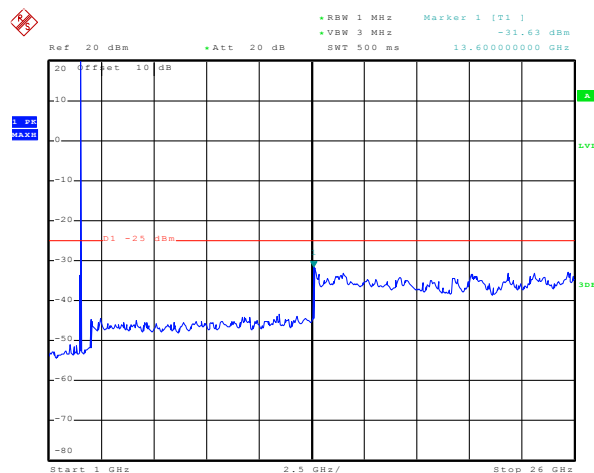
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:50:56

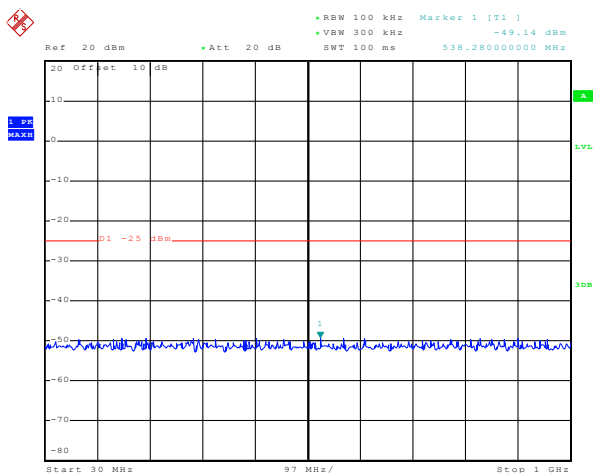
30MHz~1GHz



Date: 9.SEP.2015 15:34:13

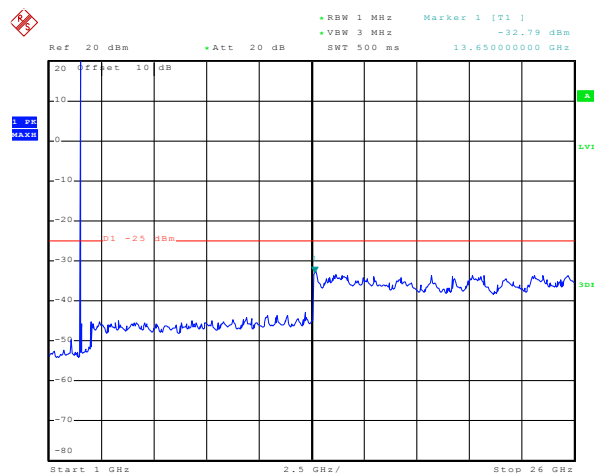
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:51:34

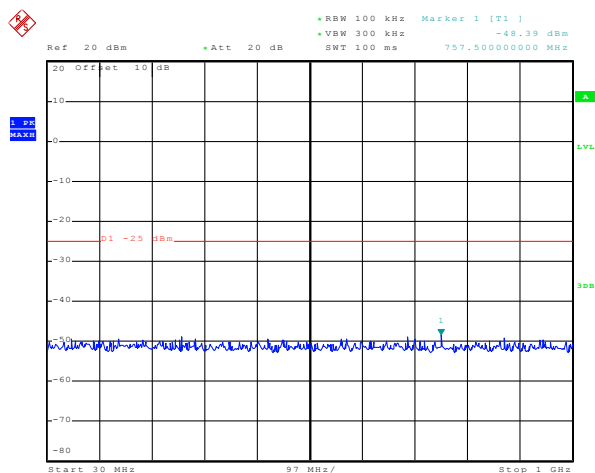
30MHz~1GHz



Date: 9.SEP.2015 15:35:57

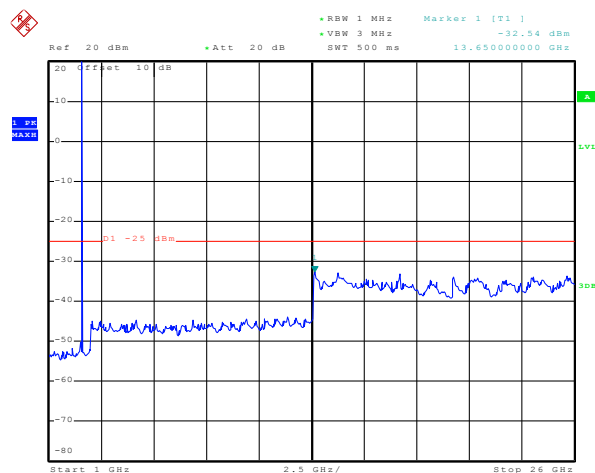
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:52:17

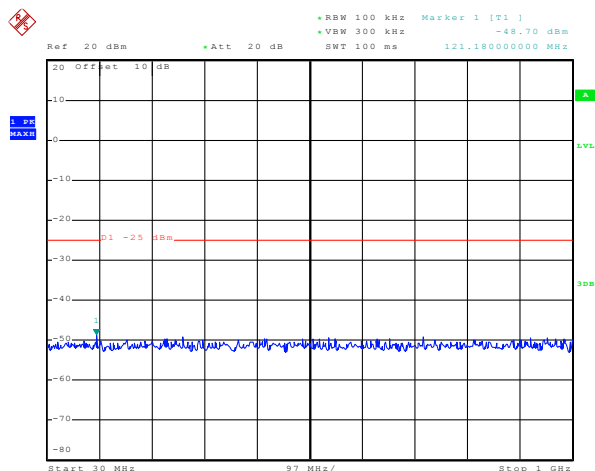
30MHz~1GHz



Date: 9.SEP.2015 15:37:30

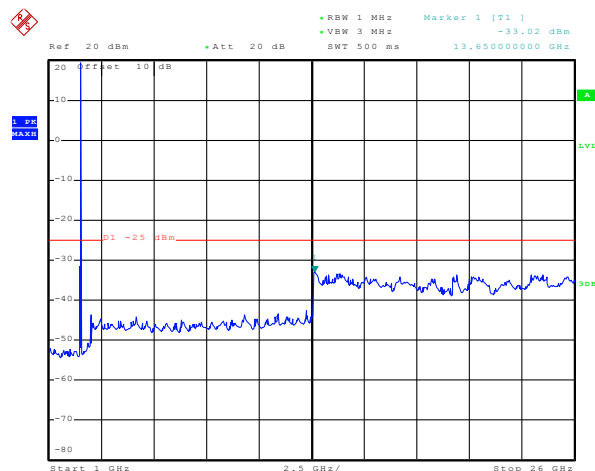
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:51:09

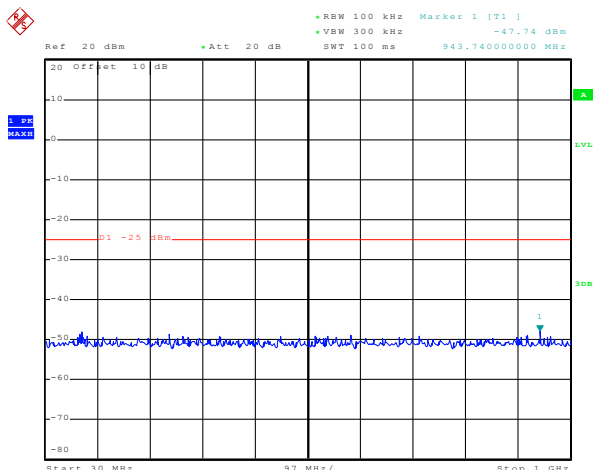
30MHz~1GHz



Date: 9.SEP.2015 15:34:35

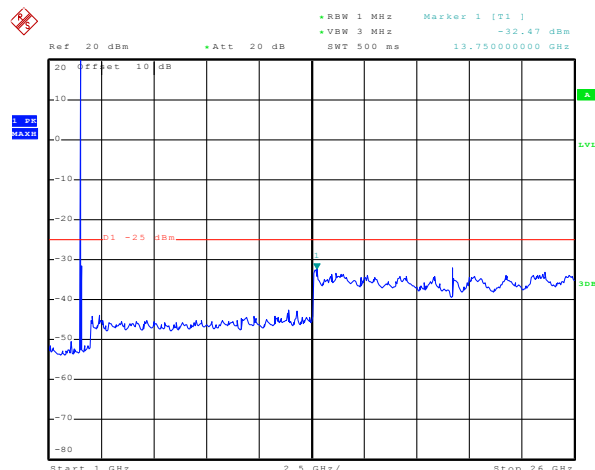
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:51:51

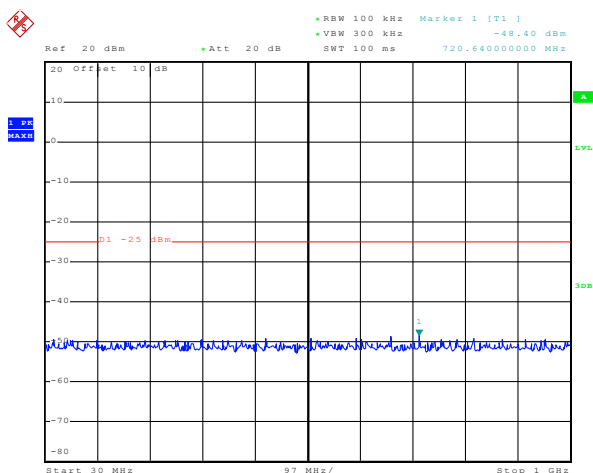
30MHz~1GHz



Date: 9.SEP.2015 15:36:29

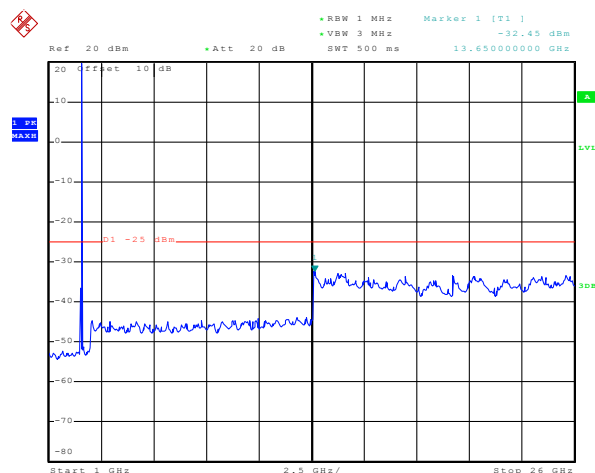
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:52:28

30MHz~1GHz

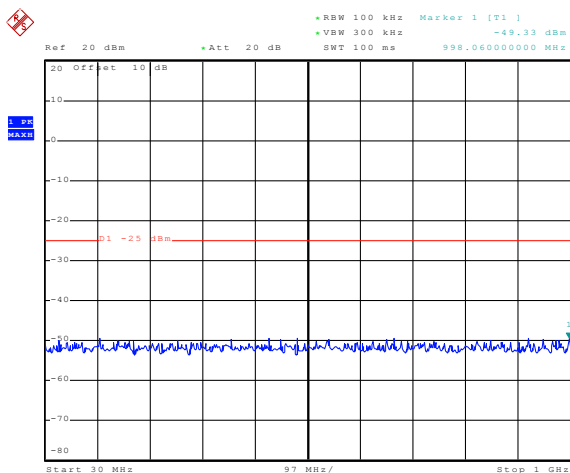


Date: 9.SEP.2015 15:37:58

1GHz~26GHz

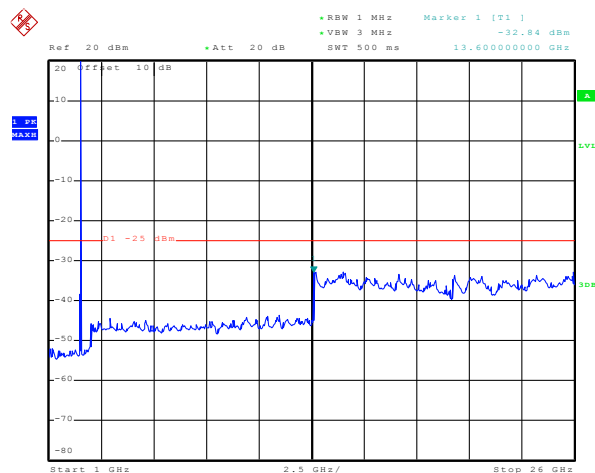
10MHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:52:52

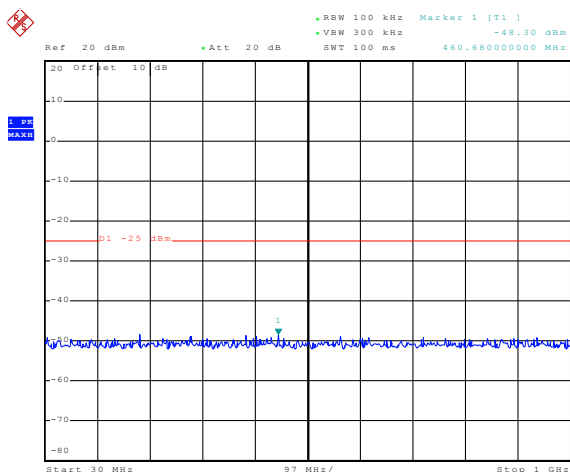
30MHz~1GHz



Date: 9.SEP.2015 15:38:59

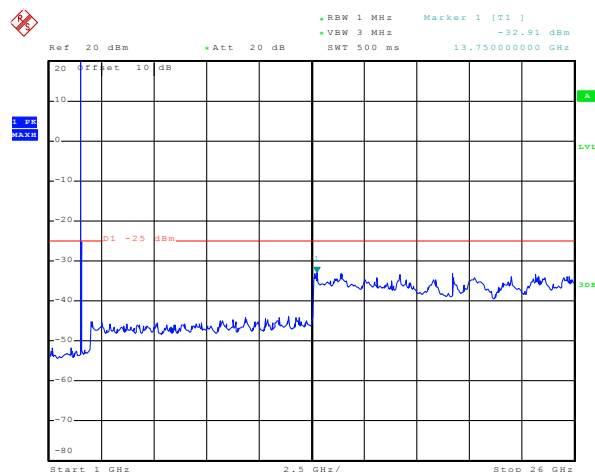
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:54:01

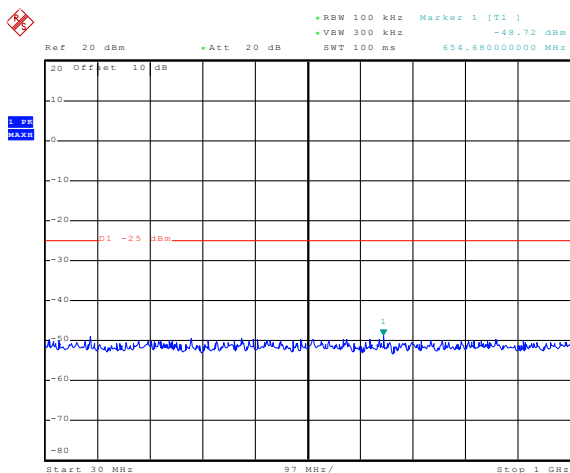
30MHz~1GHz



Date: 9.SEP.2015 15:40:34

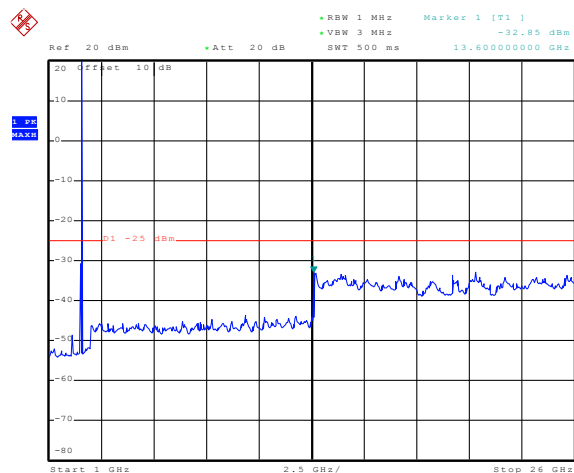
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:54:46

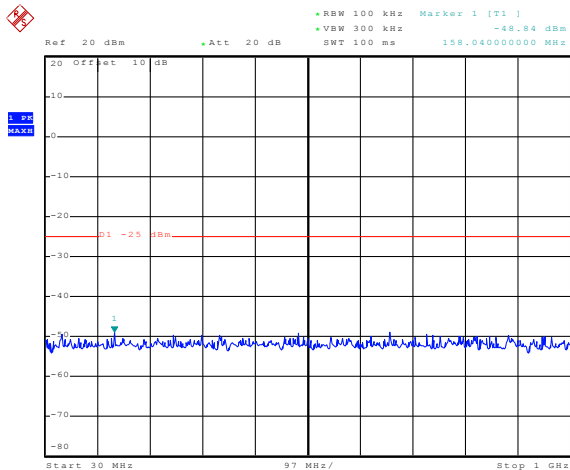
30MHz~1GHz



Date: 9.SEP.2015 15:41:52

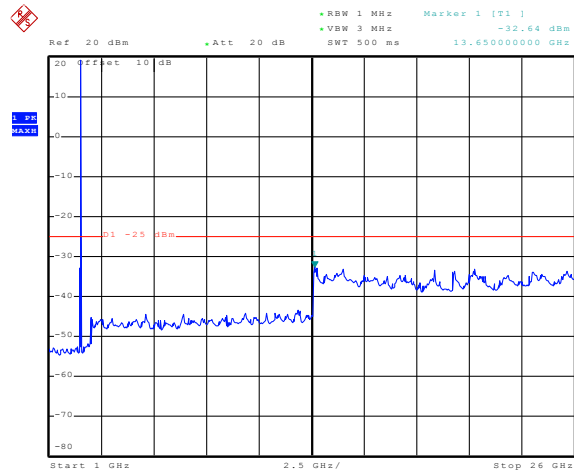
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:53:05

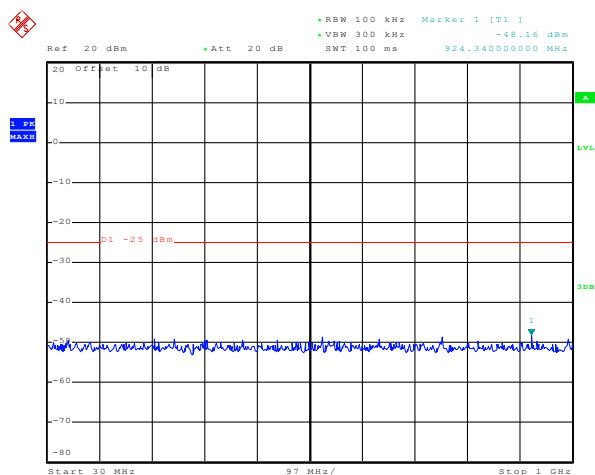
30MHz~1GHz



Date: 9.SEP.2015 15:39:28

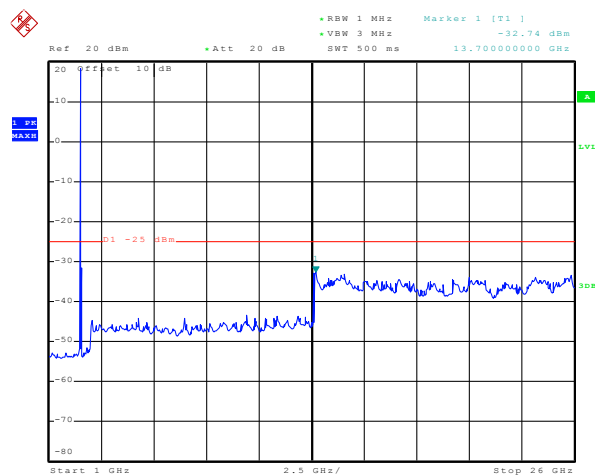
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:54:16

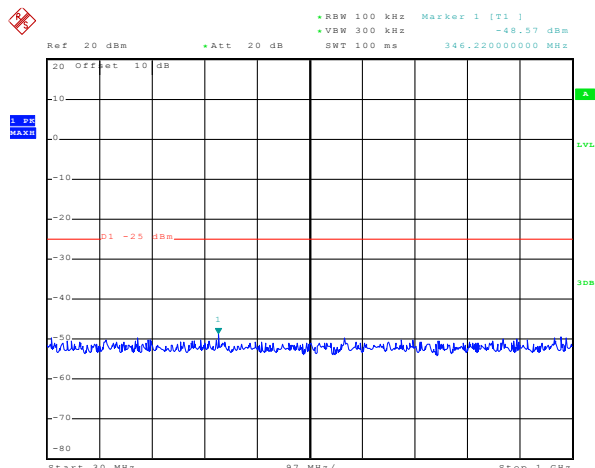
30MHz~1GHz



Date: 9.SEP.2015 15:40:57

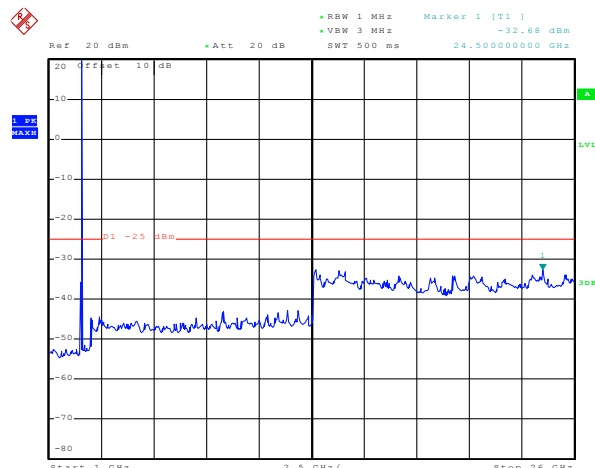
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:55:01

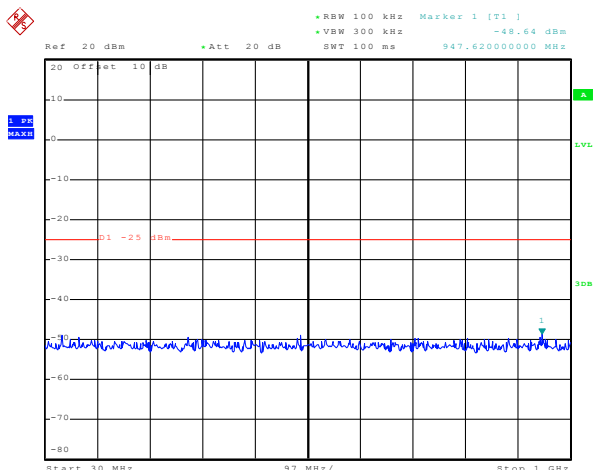
30MHz~1GHz



Date: 9.SEP.2015 15:42:19

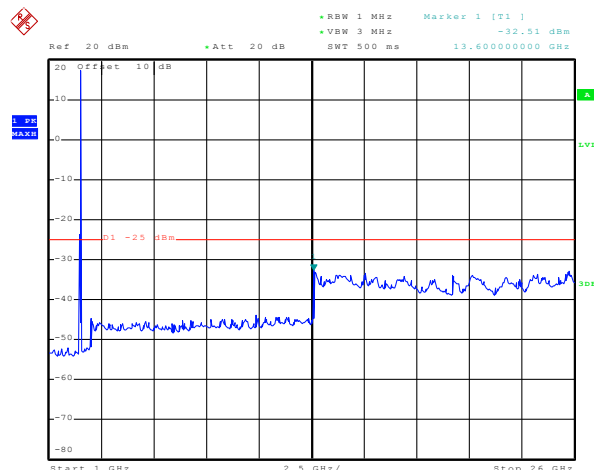
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:53:18

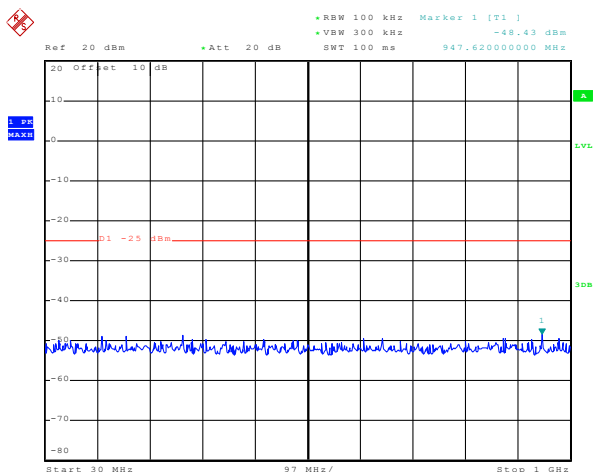
30MHz~1GHz



Date: 9.SEP.2015 15:39:48

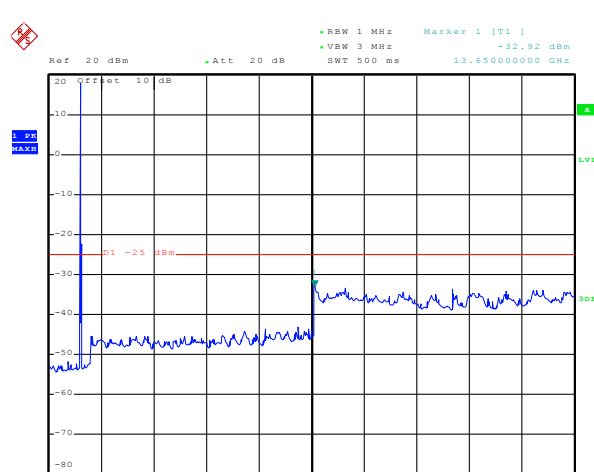
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:54:31

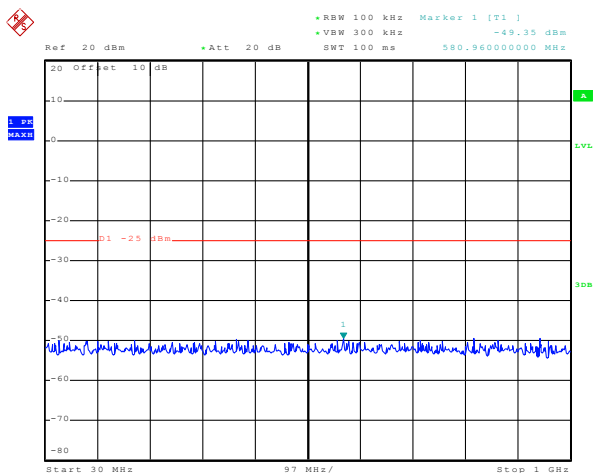
30MHz~1GHz



Date: 9.SEP.2015 15:41:20

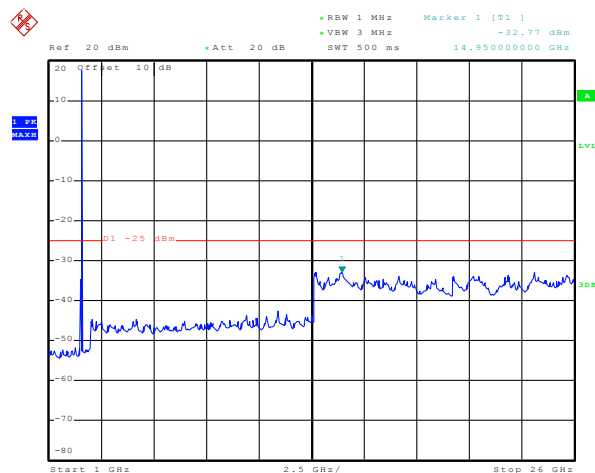
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:55:14

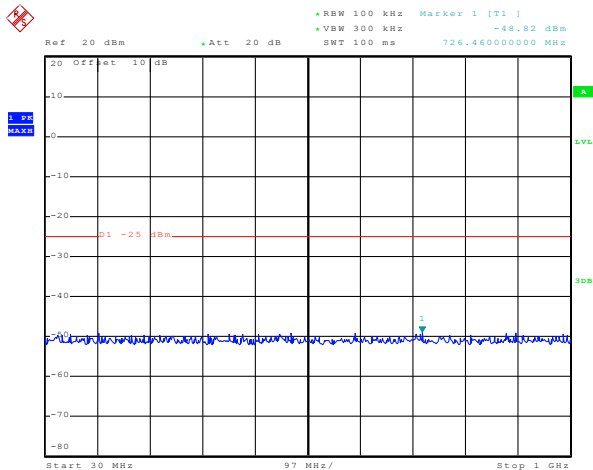
30MHz~1GHz



Date: 9.SEP.2015 15:42:41

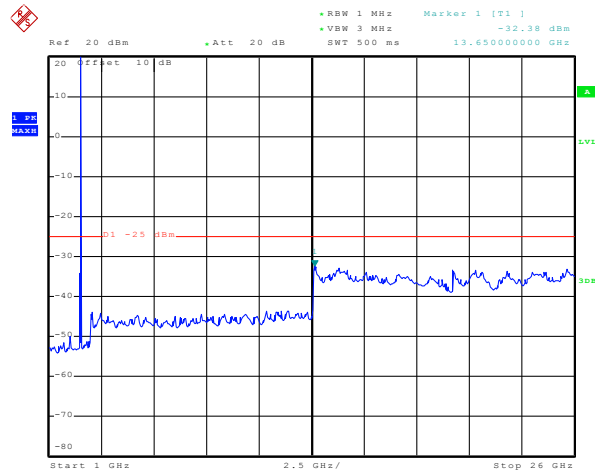
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:52:47

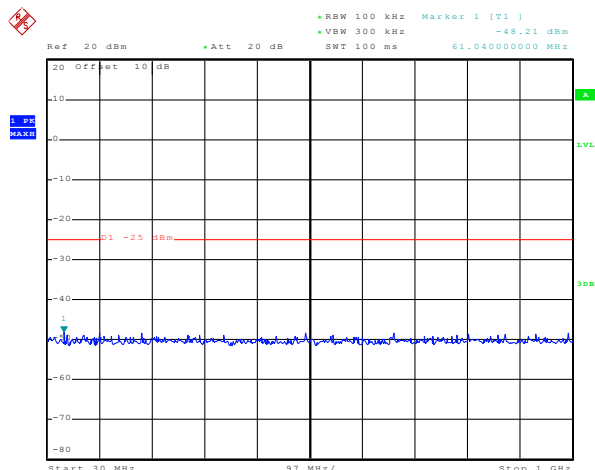
30MHz~1GHz



Date: 9.SEP.2015 15:38:47

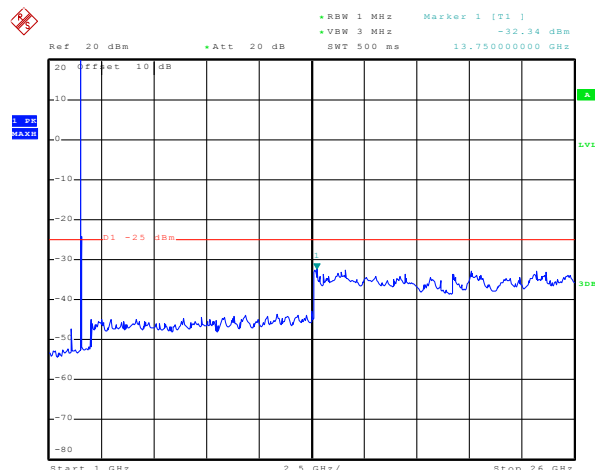
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:53:47

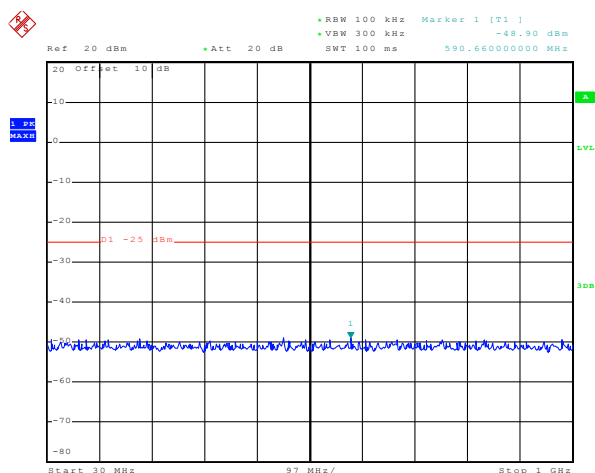
30MHz~1GHz



Date: 9.SEP.2015 15:40:15

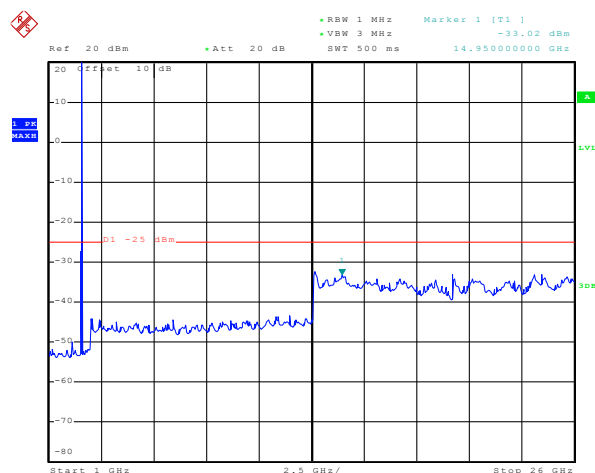
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:54:39

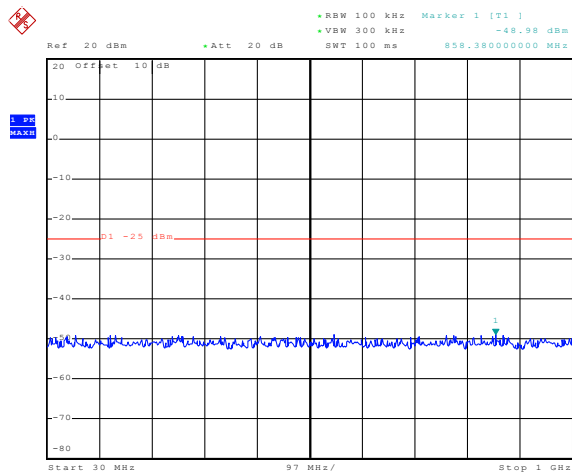
30MHz~1GHz



Date: 9.SEP.2015 15:41:43

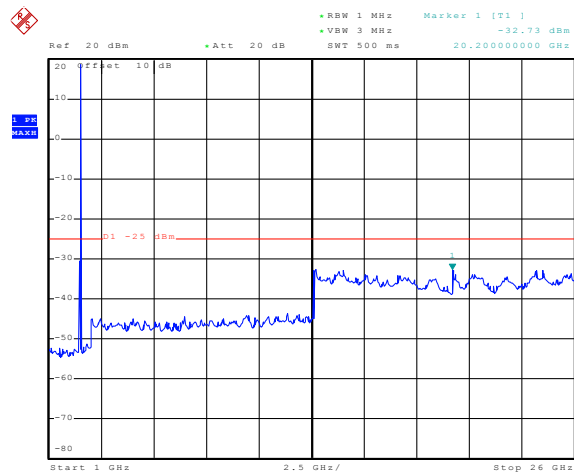
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:53:01

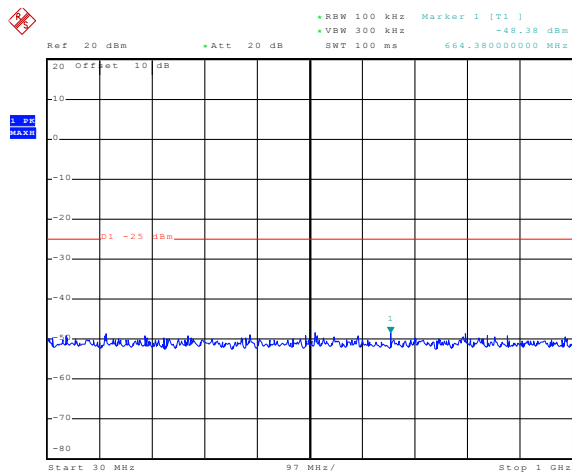
30MHz~1GHz



Date: 9.SEP.2015 15:39:17

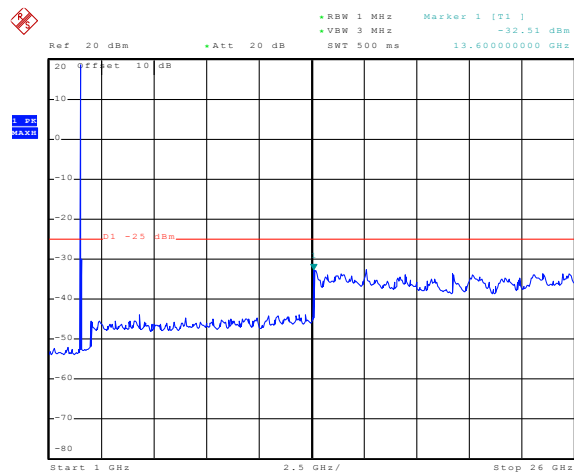
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:54:09

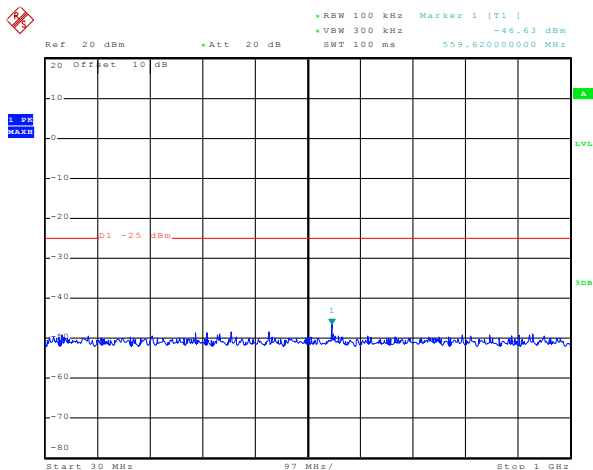
30MHz~1GHz



Date: 9.SEP.2015 15:40:48

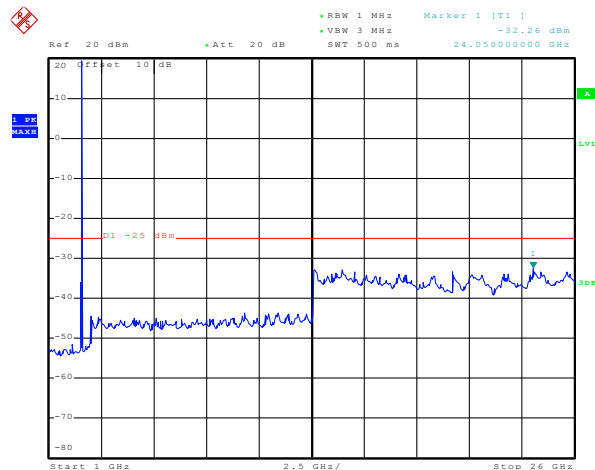
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:54:58

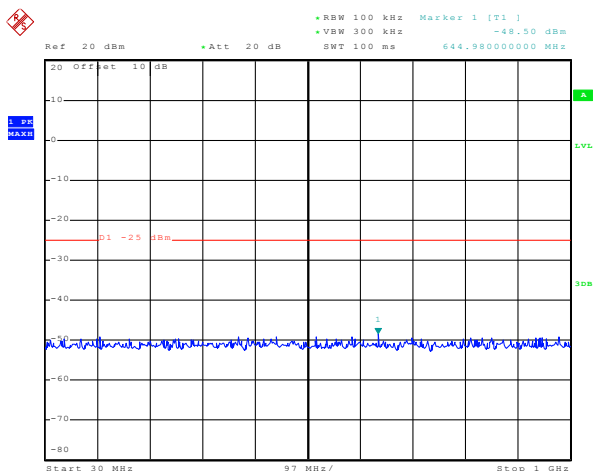
30MHz~1GHz



Date: 9.SEP.2015 15:42:08

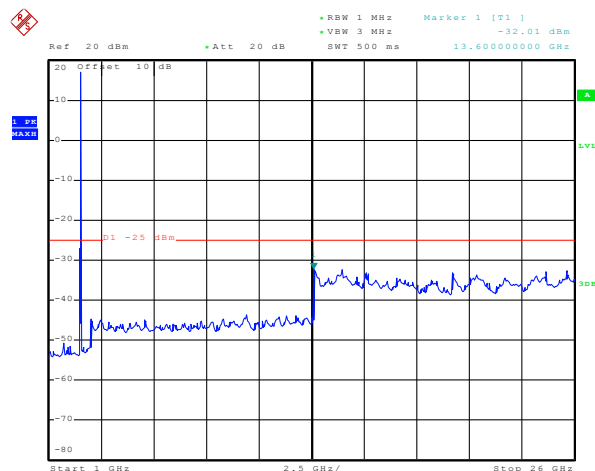
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:53:13

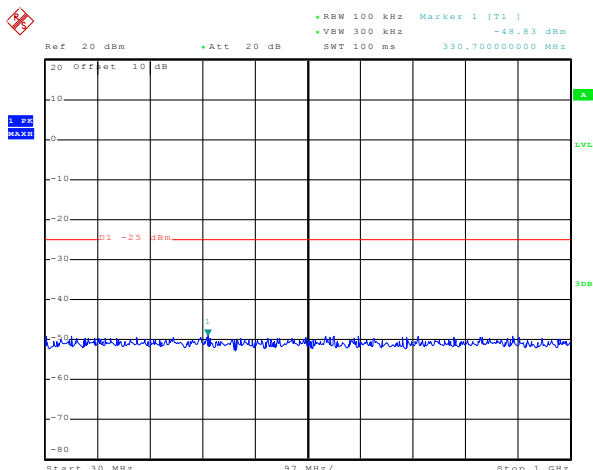
30MHz~1GHz



Date: 9.SEP.2015 15:39:39

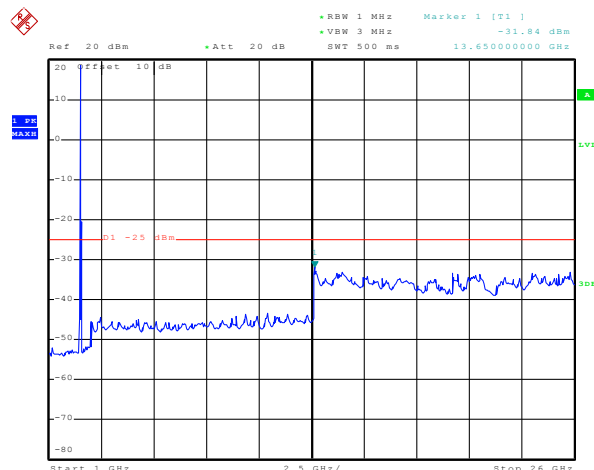
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:54:27

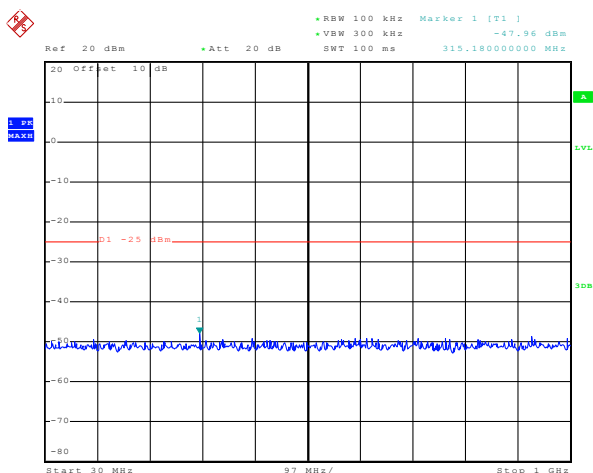
30MHz~1GHz



Date: 9.SEP.2015 15:41:11

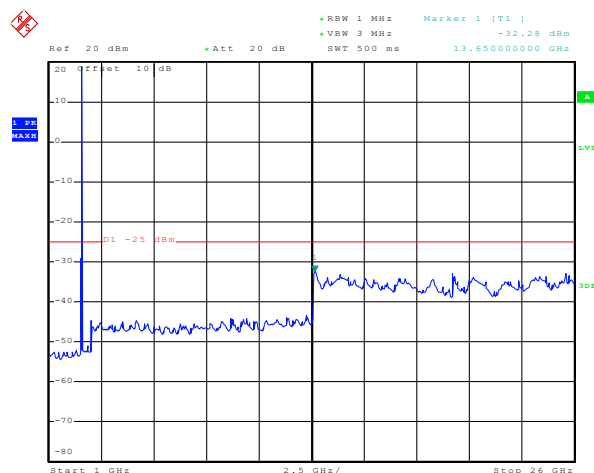
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:55:11

30MHz~1GHz

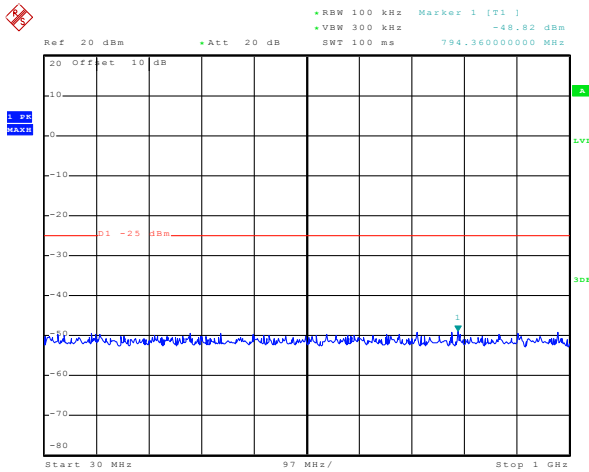


Date: 9.SEP.2015 15:42:33

1GHz~26GHz

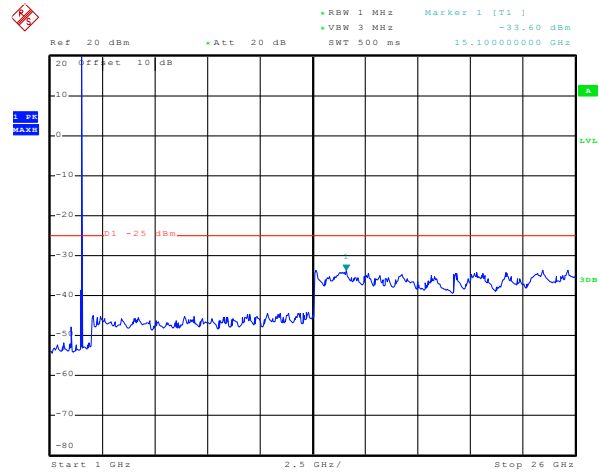
15MHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:55:37

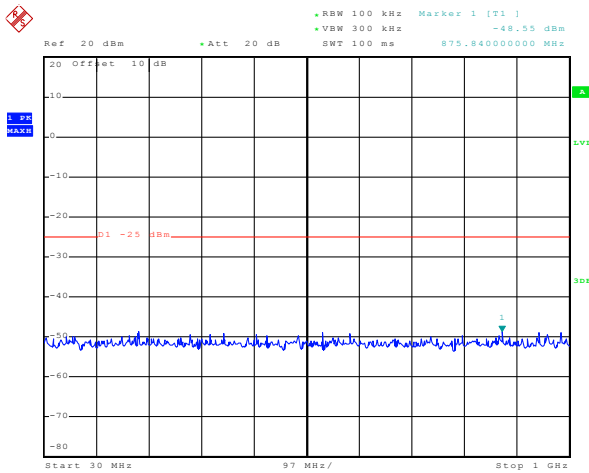
30MHz~1GHz



Date: 9.SEP.2015 15:44:02

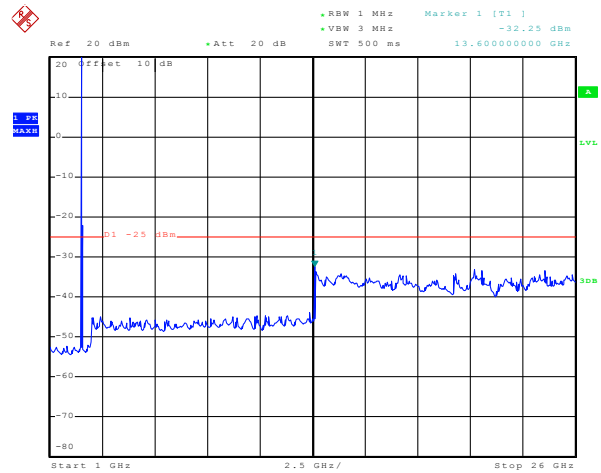
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:16

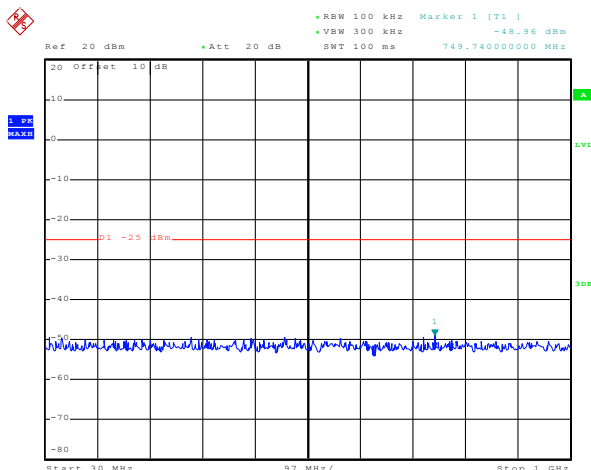
30MHz~1GHz



Date: 9.SEP.2015 15:45:53

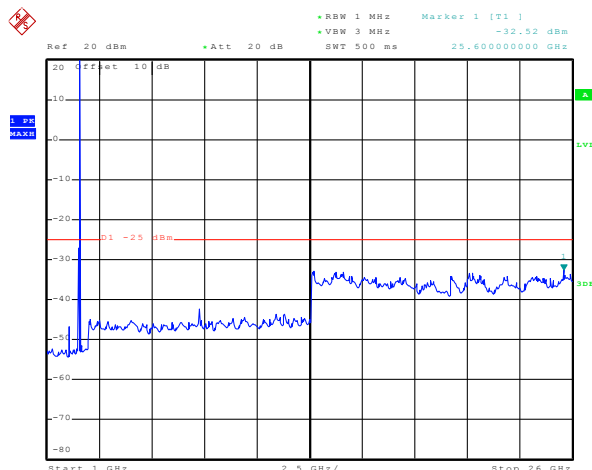
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:56:53

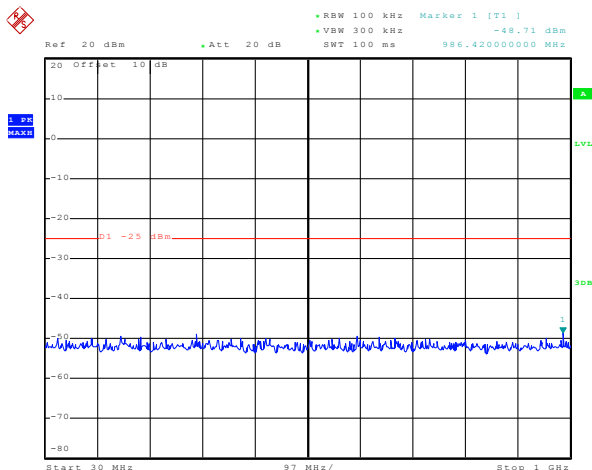
30MHz~1GHz



Date: 9.SEP.2015 15:47:12

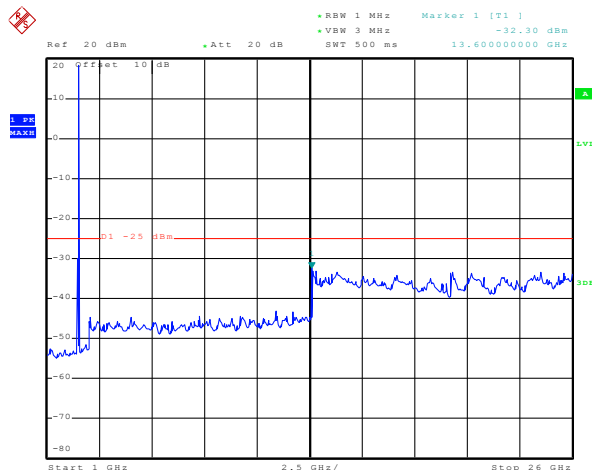
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:55:50

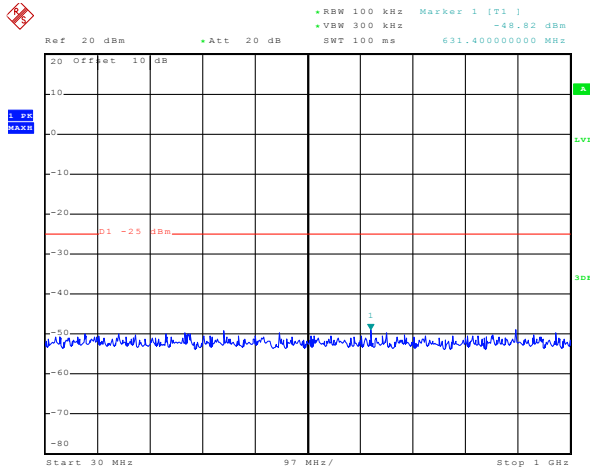
30MHz~1GHz



Date: 9.SEP.2015 15:44:30

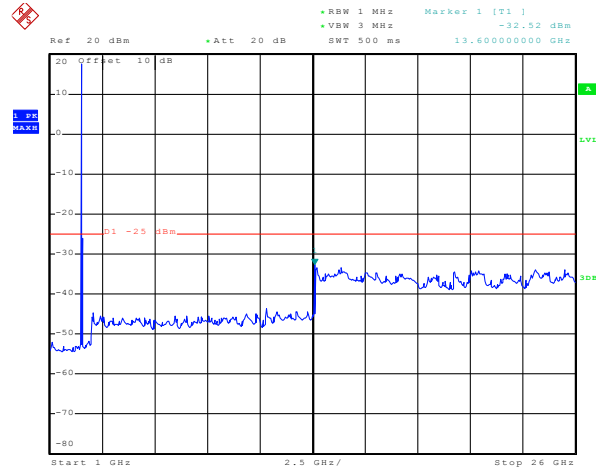
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:29

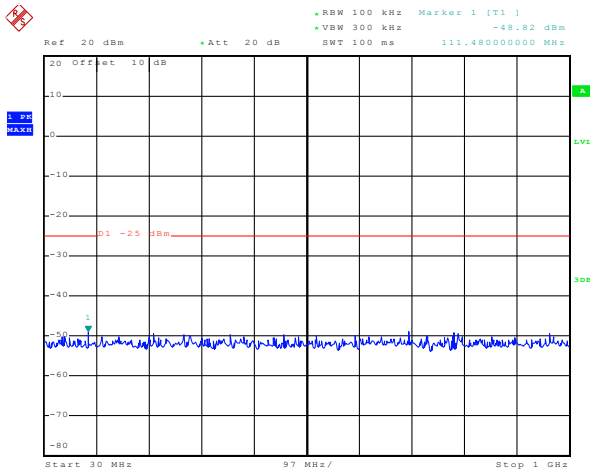
30MHz~1GHz



Date: 9.SEP.2015 15:46:15

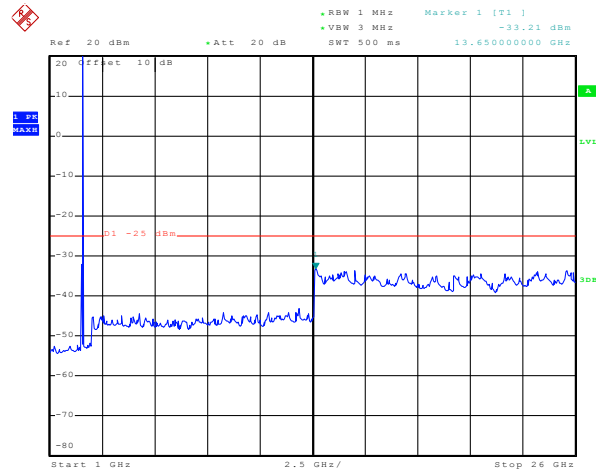
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:57:05

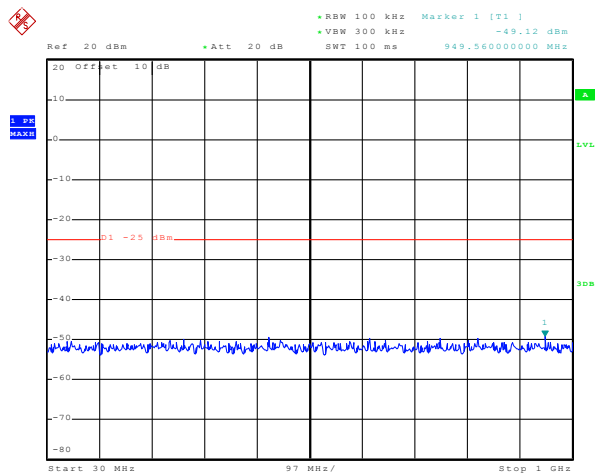
30MHz~1GHz



Date: 9.SEP.2015 15:47:40

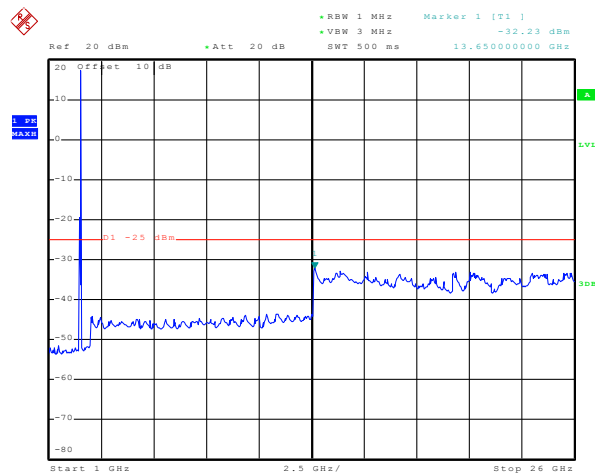
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:56:01

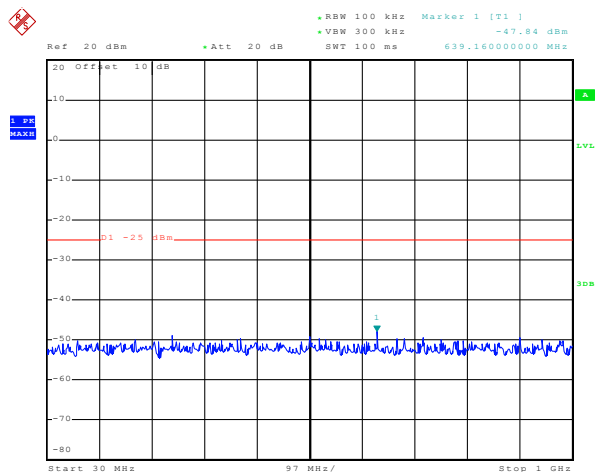
30MHz~1GHz



Date: 9.SEP.2015 15:45:16

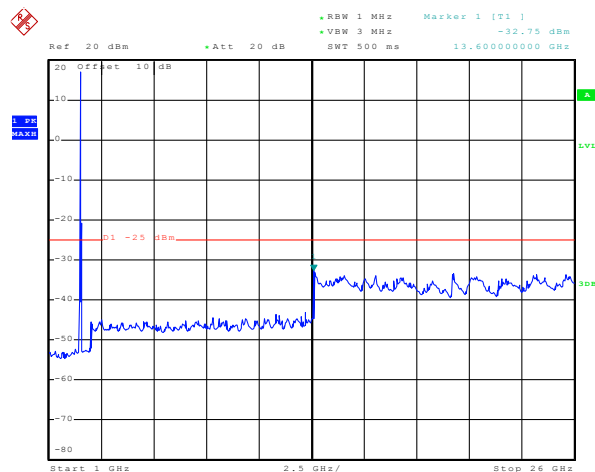
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:40

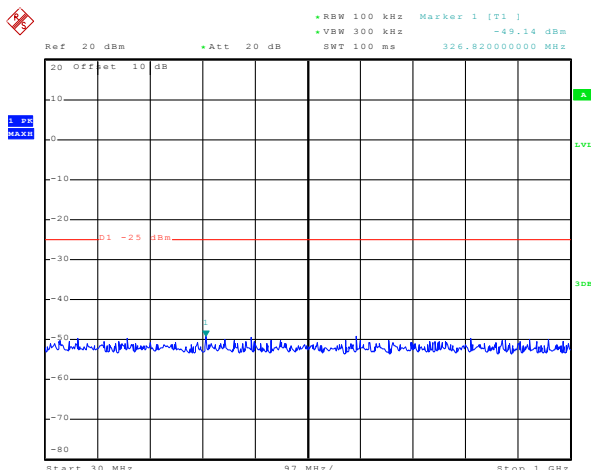
30MHz~1GHz



Date: 9.SEP.2015 15:46:35

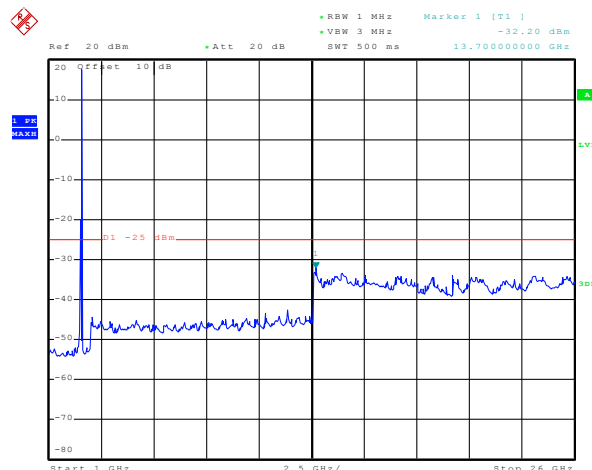
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:57:17

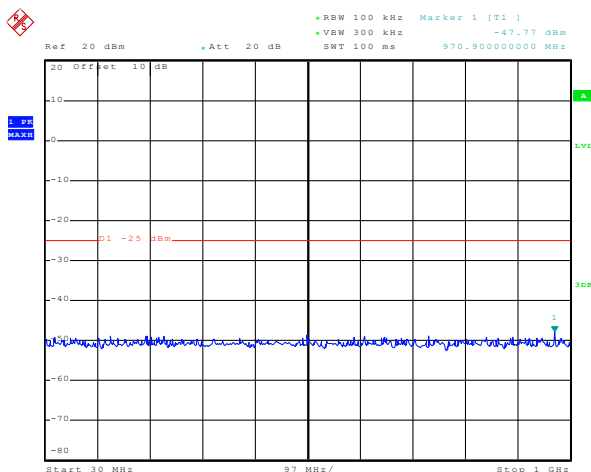
30MHz~1GHz



Date: 9.SEP.2015 15:48:00

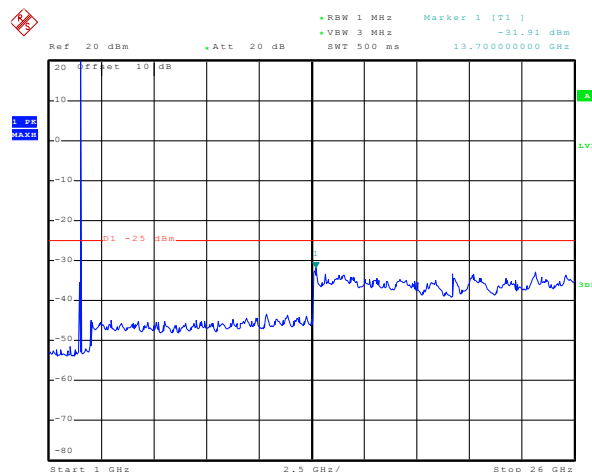
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:55:30

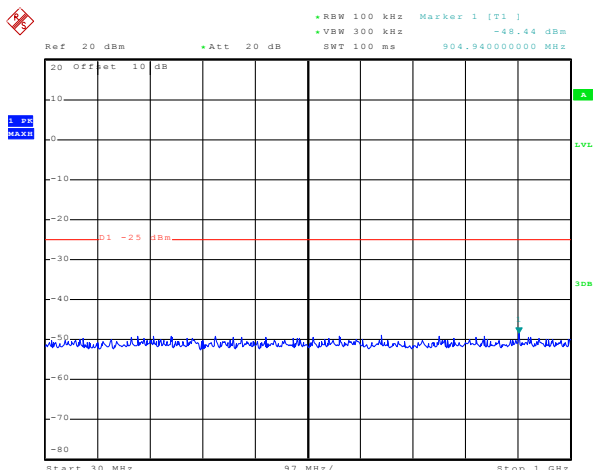
30MHz~1GHz



Date: 9.SEP.2015 15:43:56

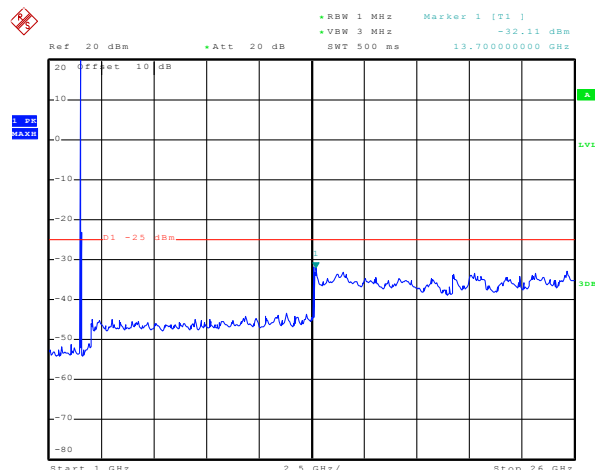
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:10

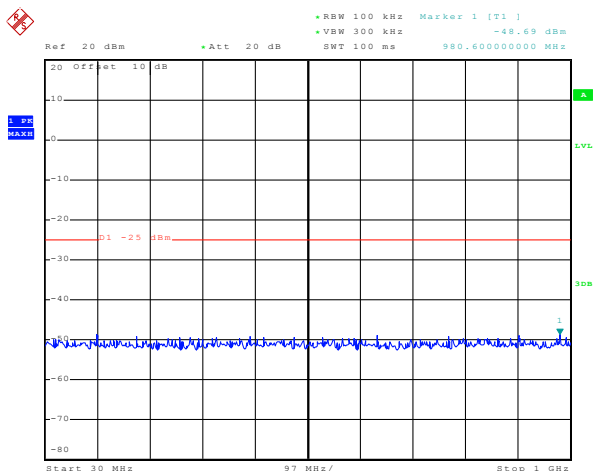
30MHz~1GHz



Date: 9.SEP.2015 15:45:43

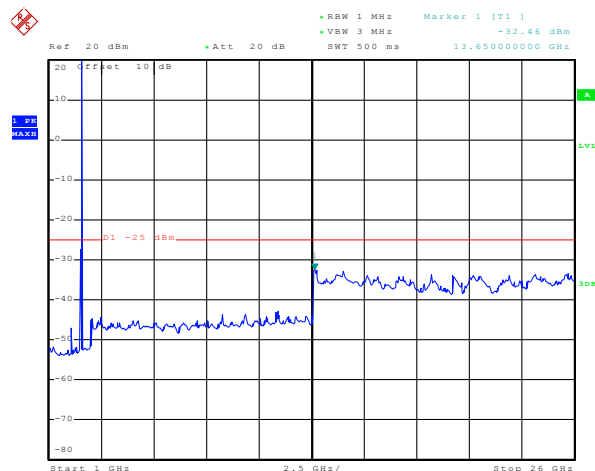
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:56:49

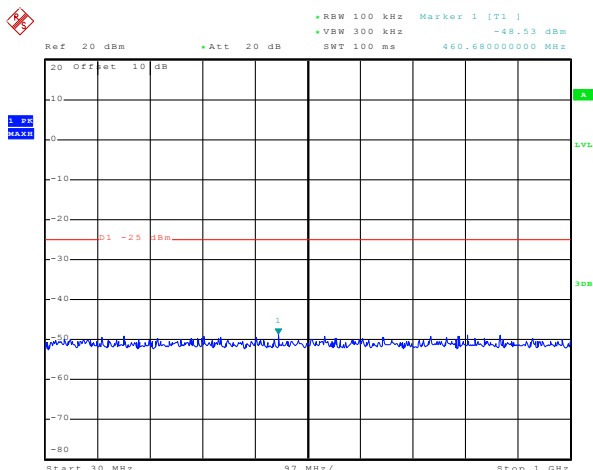
30MHz~1GHz



Date: 9.SEP.2015 15:46:57

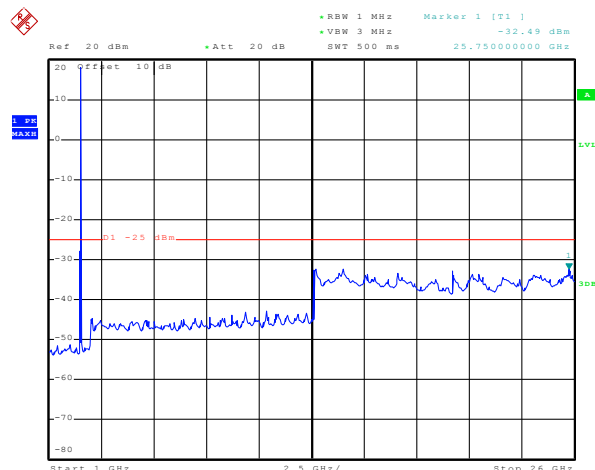
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:55:45

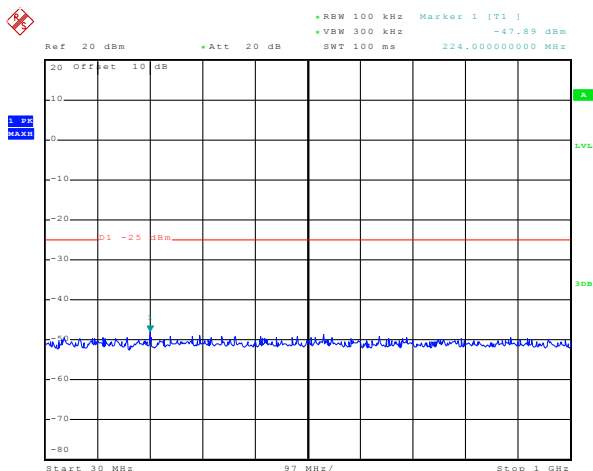
30MHz~1GHz



Date: 9.SEP.2015 15:44:20

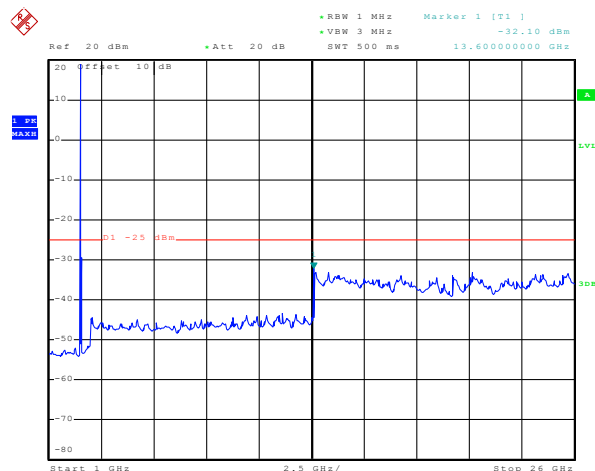
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:26

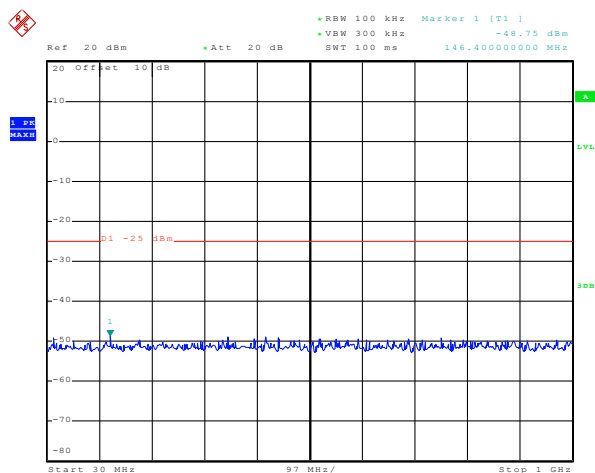
30MHz~1GHz



Date: 9.SEP.2015 15:46:06

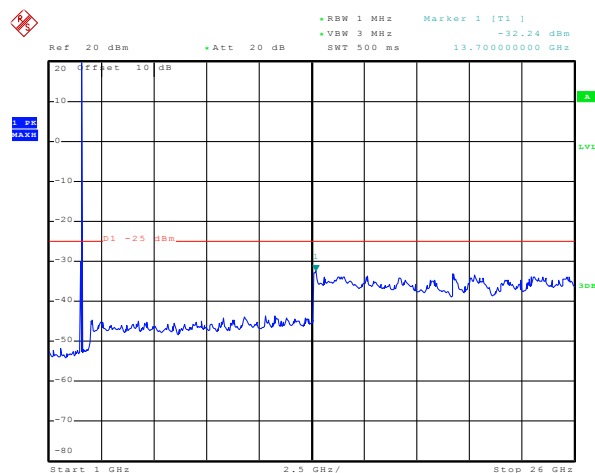
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:57:01

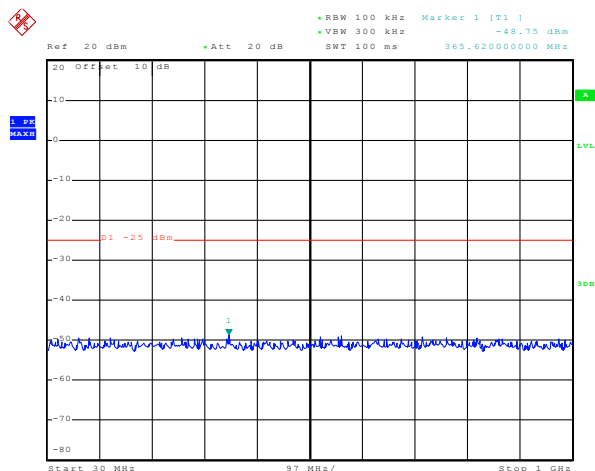
30MHz~1GHz



Date: 9.SEP.2015 15:47:27

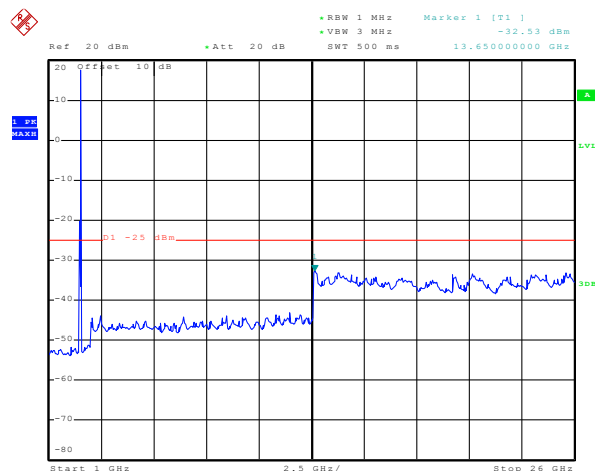
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:55:57

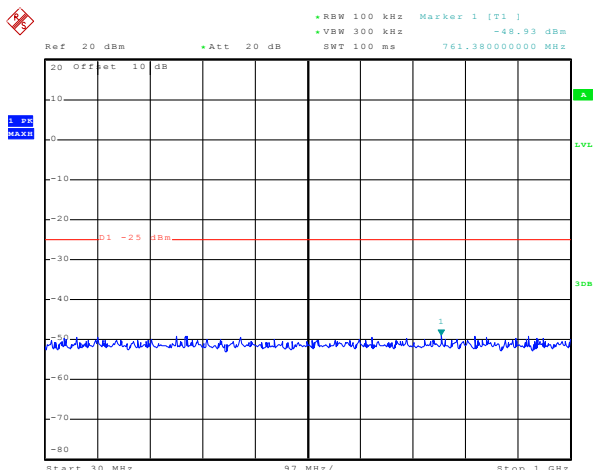
30MHz~1GHz



Date: 9.SEP.2015 15:44:48

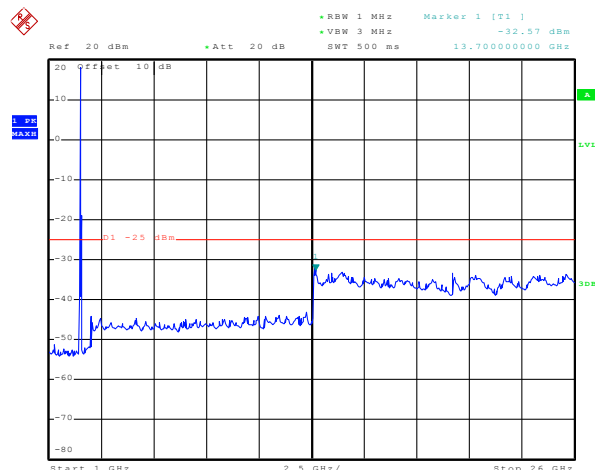
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:56:37

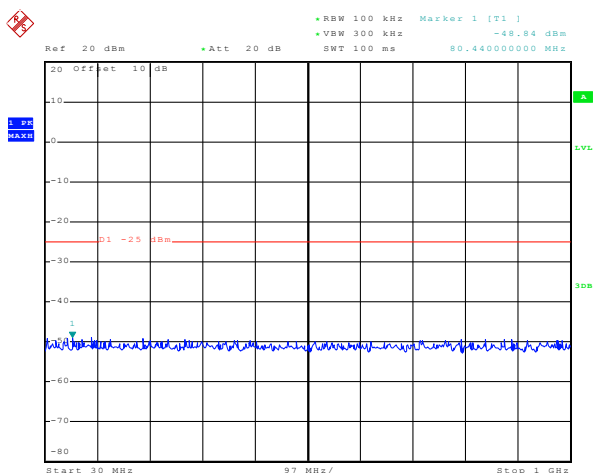
30MHz~1GHz



Date: 9.SEP.2015 15:46:27

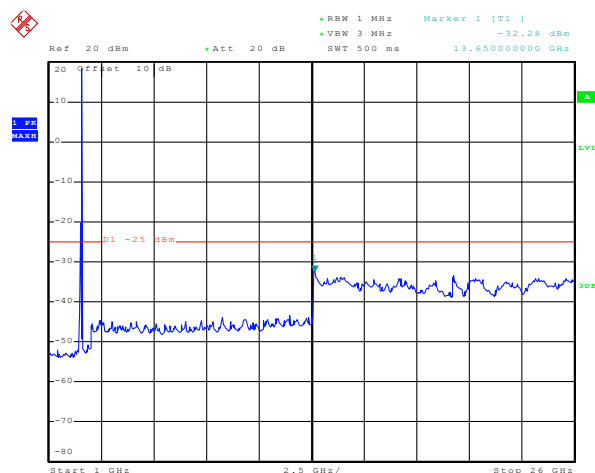
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:57:14

30MHz~1GHz

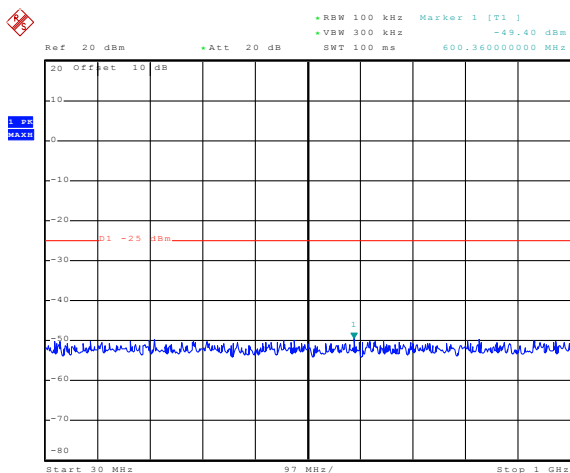


Date: 9.SEP.2015 15:47:51

1GHz~26GHz

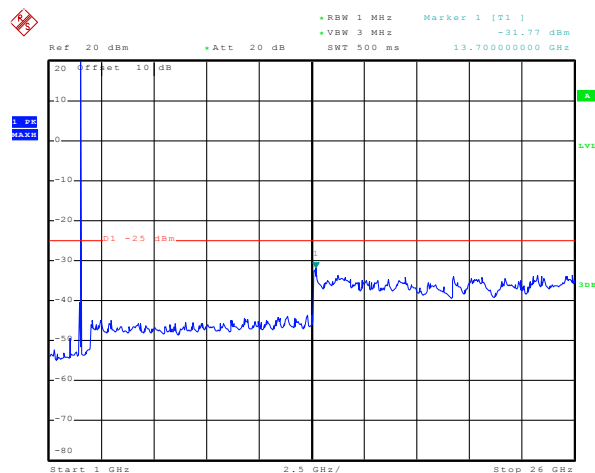
20MHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:57:36

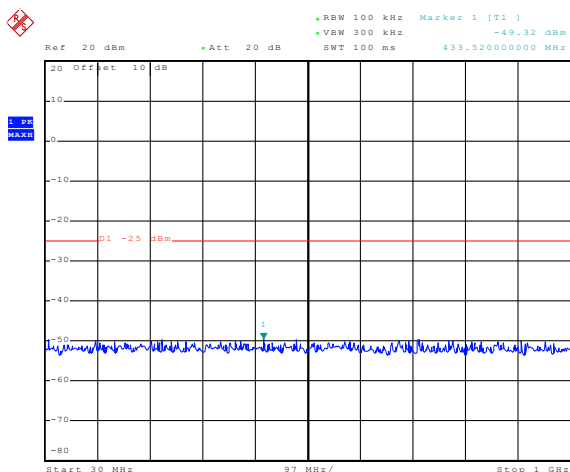
30MHz~1GHz



Date: 9.SEP.2015 15:49:02

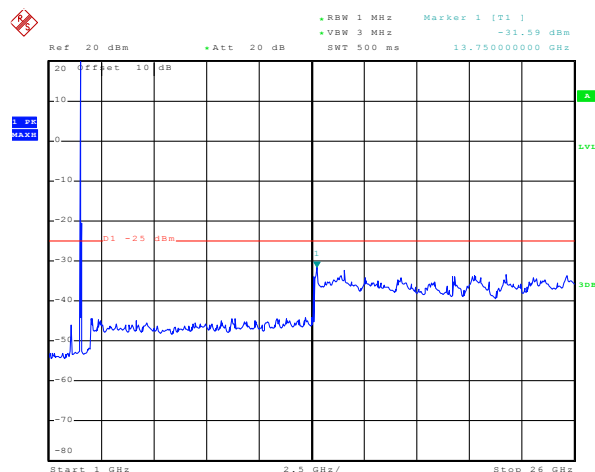
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:17

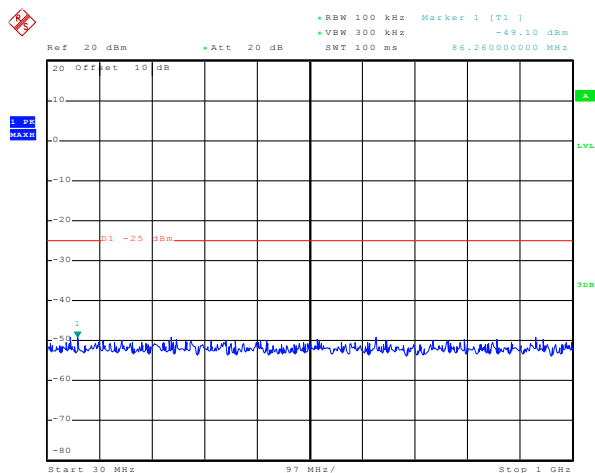
30MHz~1GHz



Date: 9.SEP.2015 15:50:31

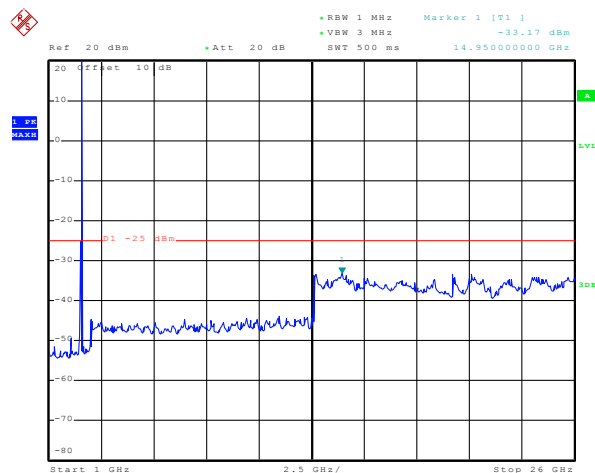
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:58:57

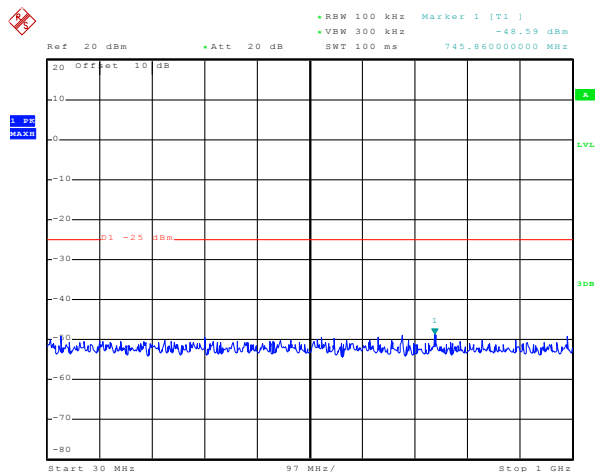
30MHz~1GHz



Date: 9.SEP.2015 15:51:57

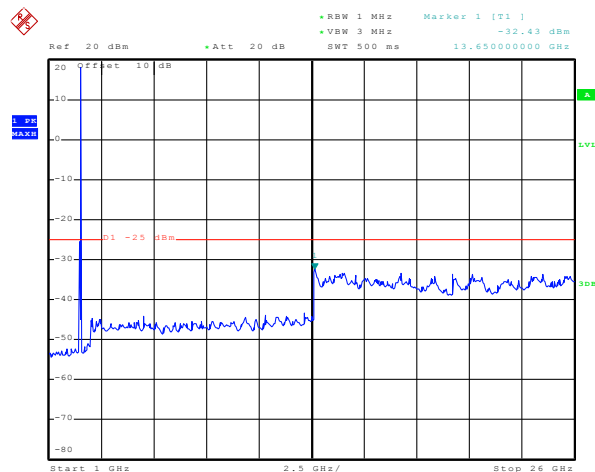
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:57:51

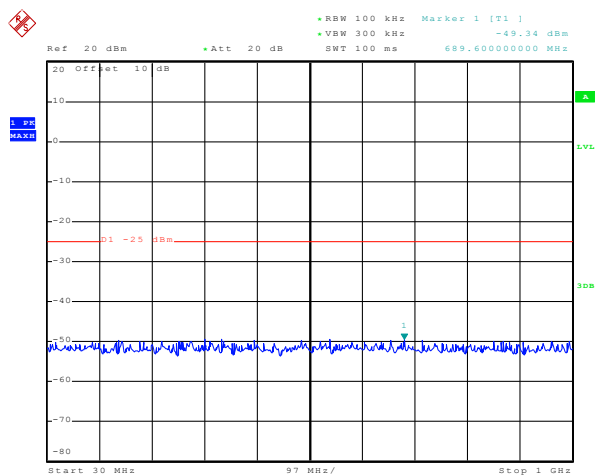
30MHz~1GHz



Date: 9.SEP.2015 15:49:27

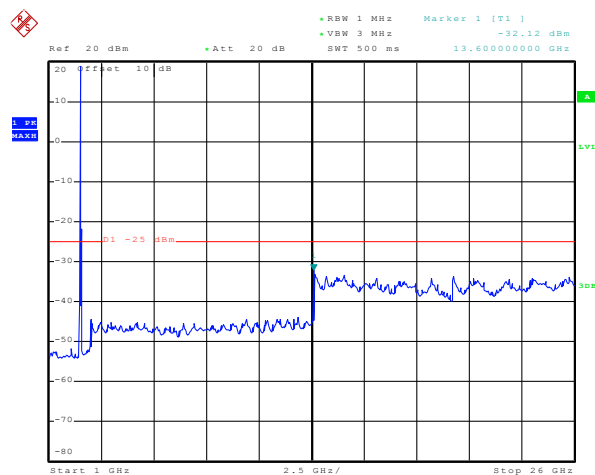
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:30

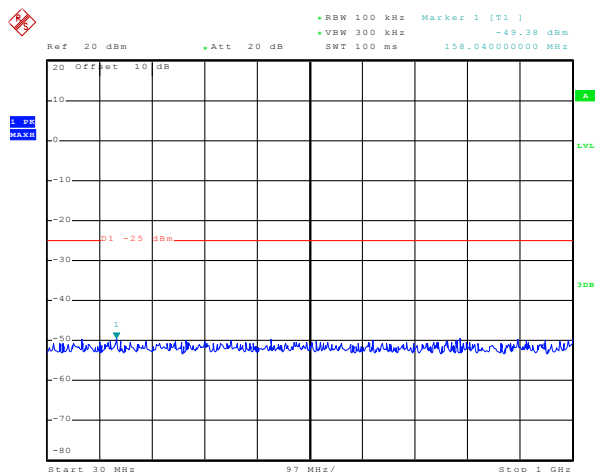
30MHz~1GHz



Date: 9.SEP.2015 15:51:03

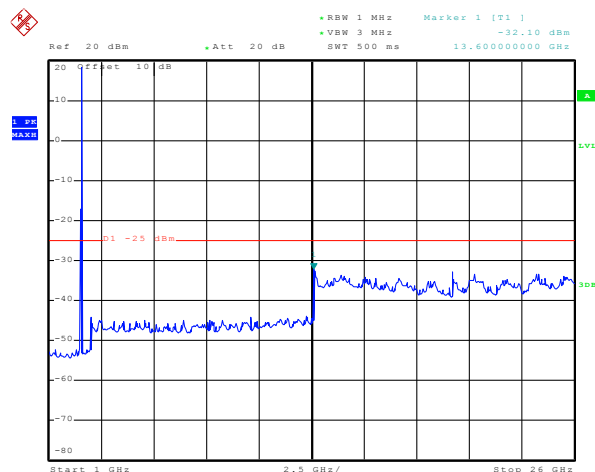
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:59:12

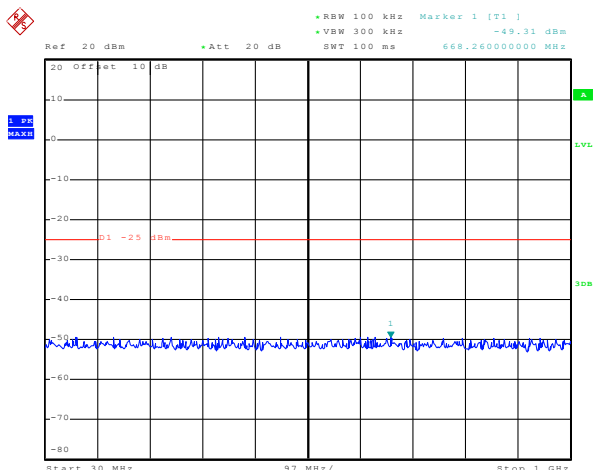
30MHz~1GHz



Date: 9.SEP.2015 15:52:28

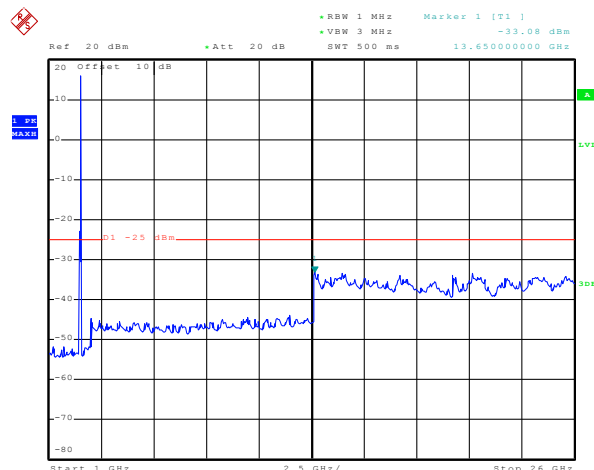
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:58:05

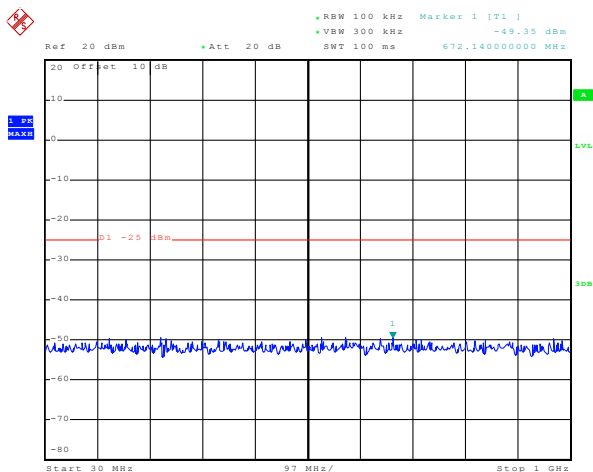
30MHz~1GHz



Date: 9.SEP.2015 15:49:55

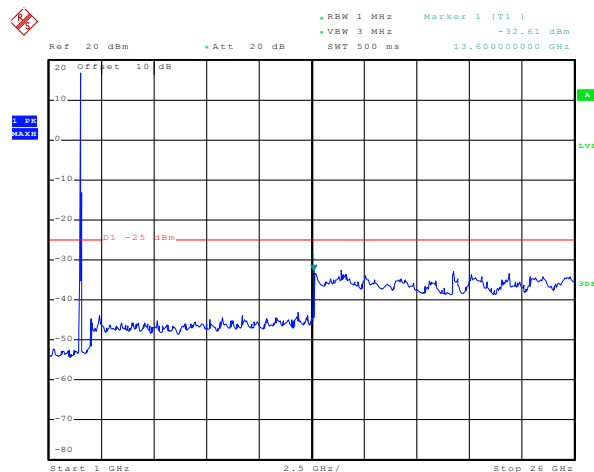
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:45

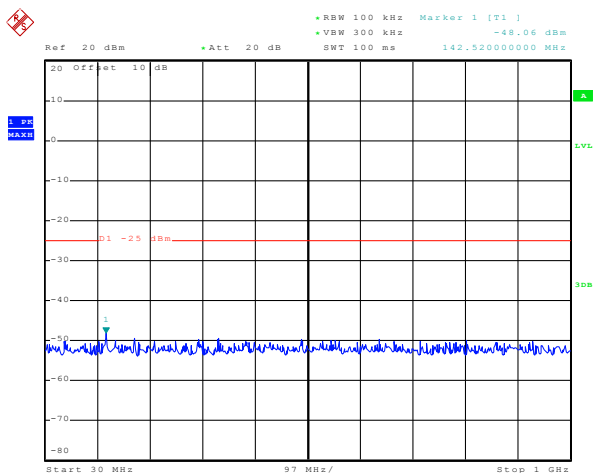
30MHz~1GHz



Date: 9.SEP.2015 15:51:24

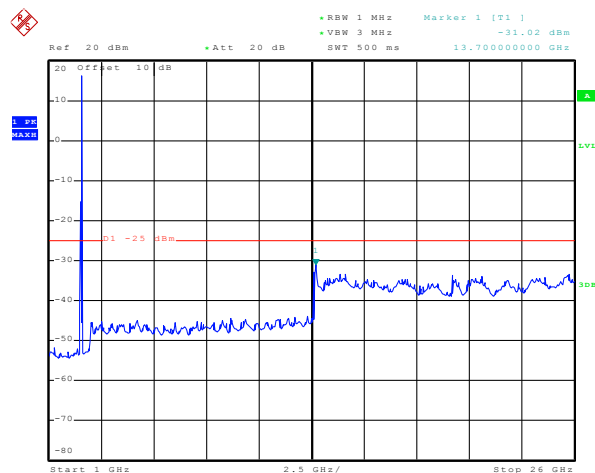
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:59:24

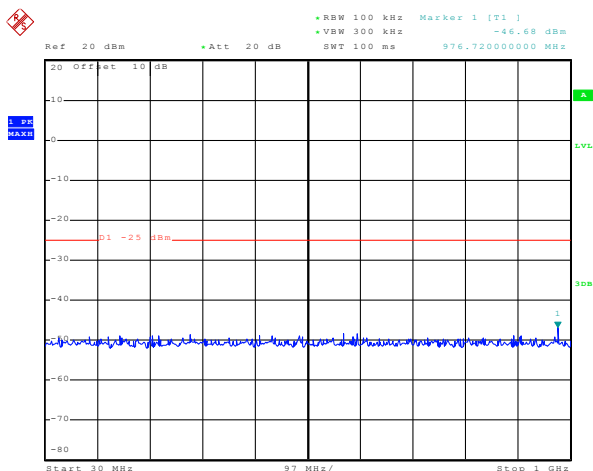
30MHz~1GHz



Date: 9.SEP.2015 15:52:47

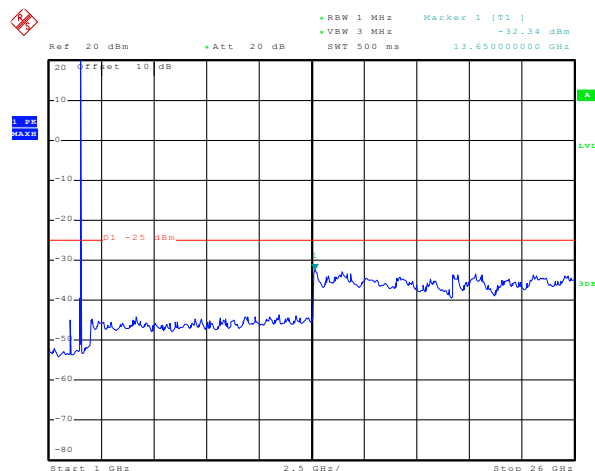
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:57:32

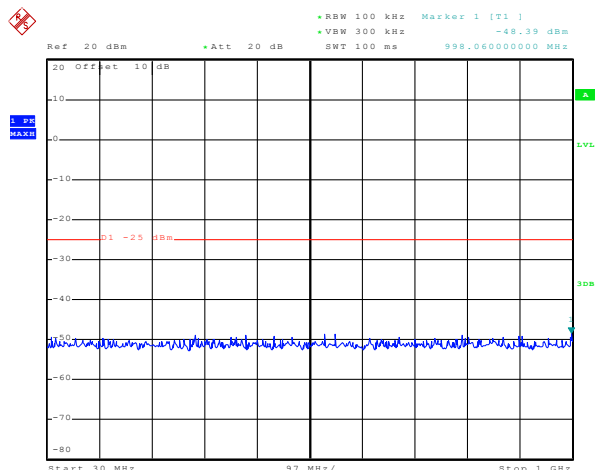
30MHz~1GHz



Date: 9.SEP.2015 15:48:53

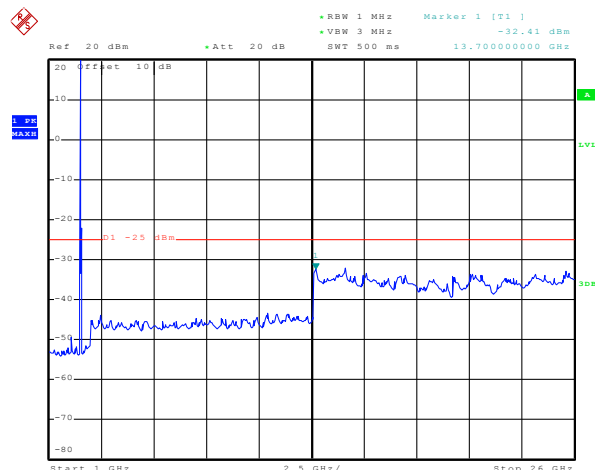
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:12

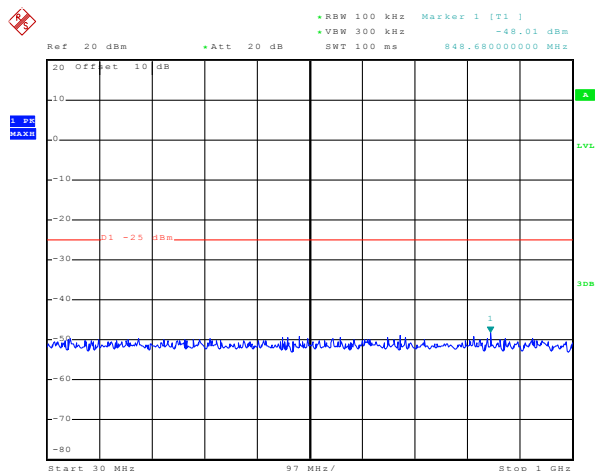
30MHz~1GHz



Date: 9.SEP.2015 15:50:20

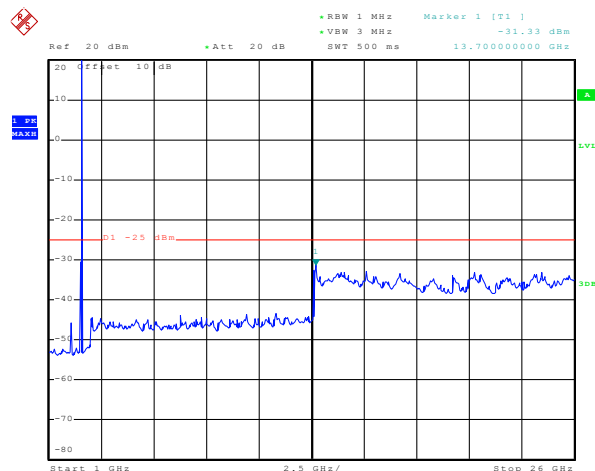
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:58:52

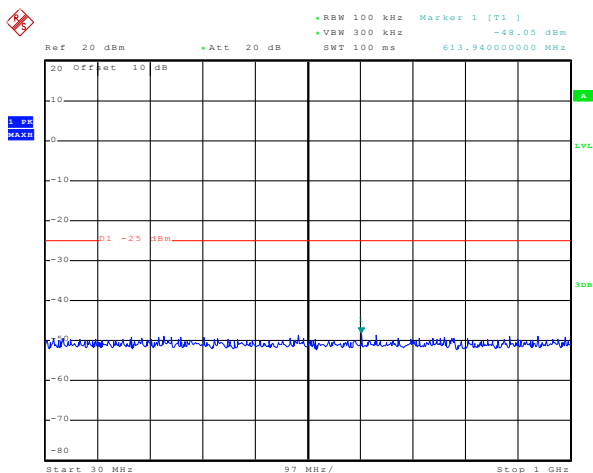
30MHz~1GHz



Date: 9.SEP.2015 15:51:48

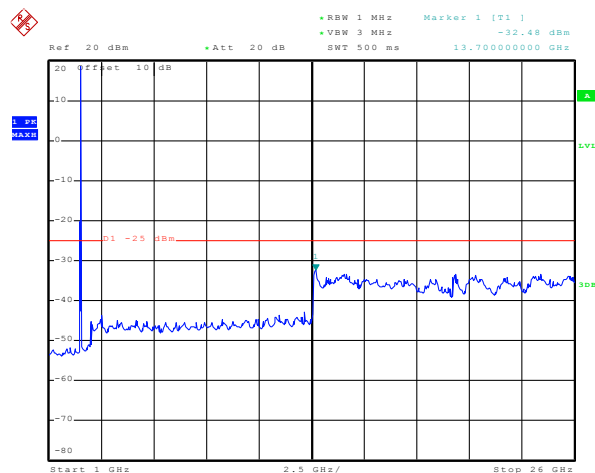
1GHz~26GHz

Test Mode:	LTE band 7 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:57:47

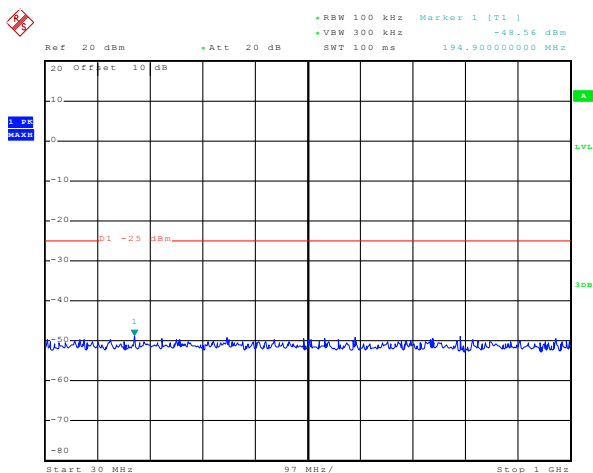
30MHz~1GHz



Date: 9.SEP.2015 15:49:17

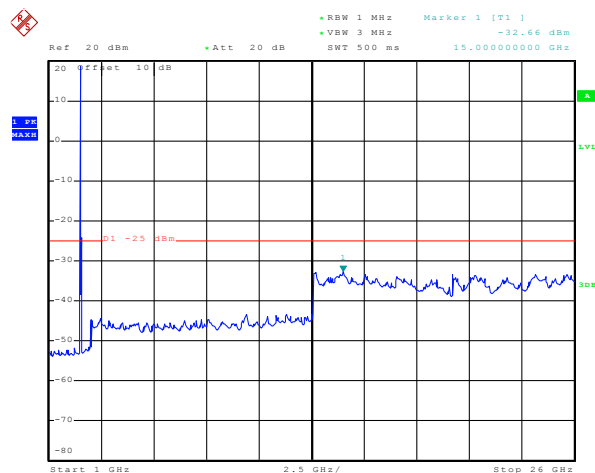
1GHz~26GHz

Test Mode:	LTE band 7 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:25

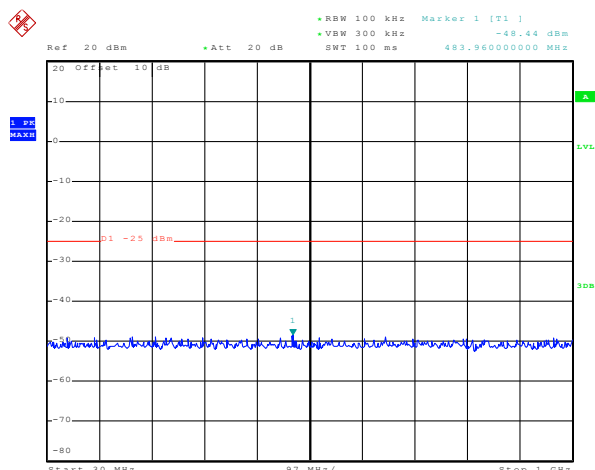
30MHz~1GHz



Date: 9.SEP.2015 15:50:53

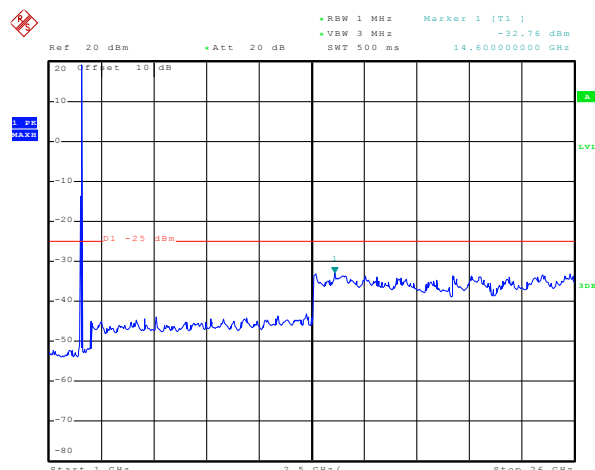
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:59:08

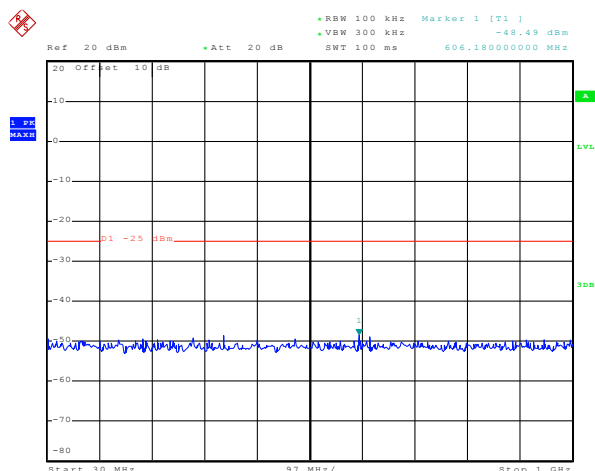
30MHz~1GHz



Date: 9.SEP.2015 15:52:18

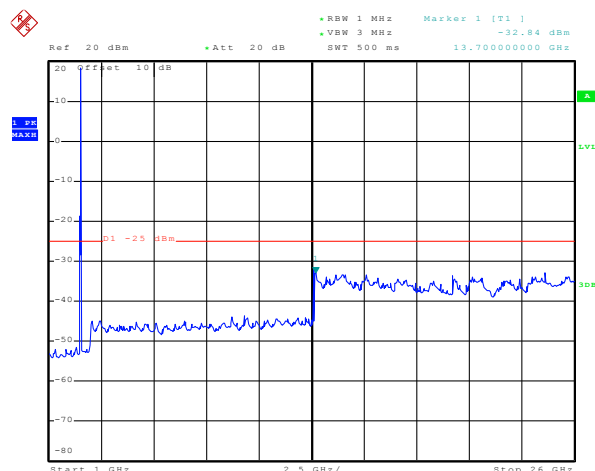
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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Date: 7.AUG.2015 22:57:58

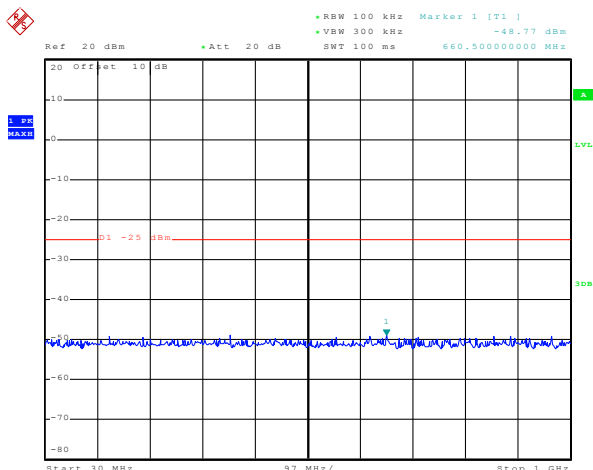
30MHz~1GHz



Date: 9.SEP.2015 15:49:49

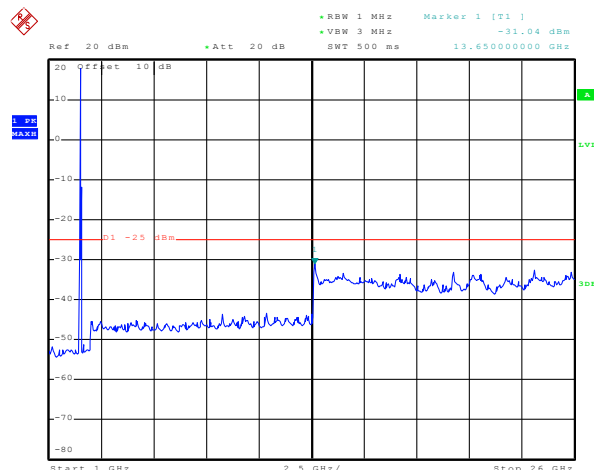
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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Date: 7.AUG.2015 22:58:40

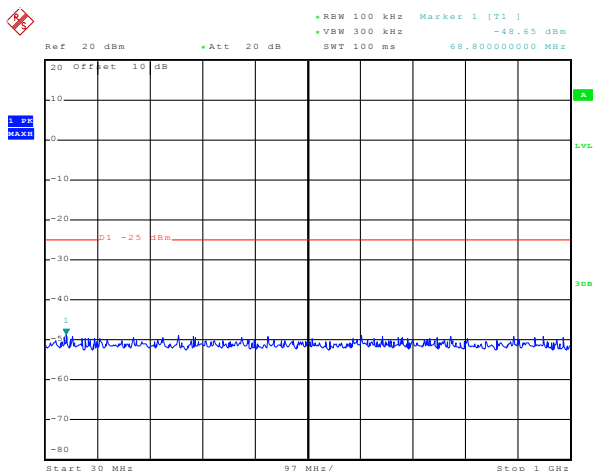
30MHz~1GHz



Date: 9.SEP.2015 15:51:14

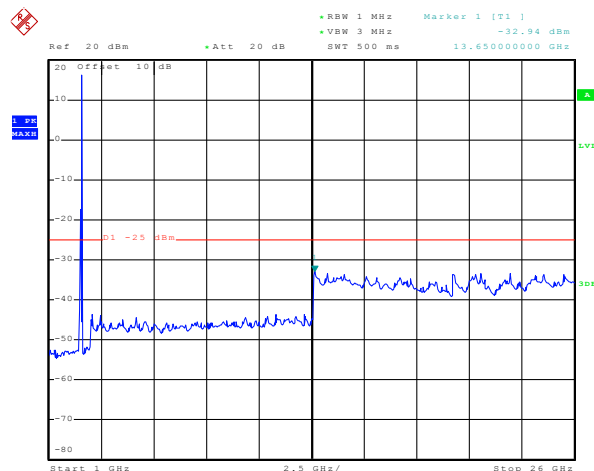
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 7.AUG.2015 22:59:20

30MHz~1GHz



Date: 9.SEP.2015 15:52:38

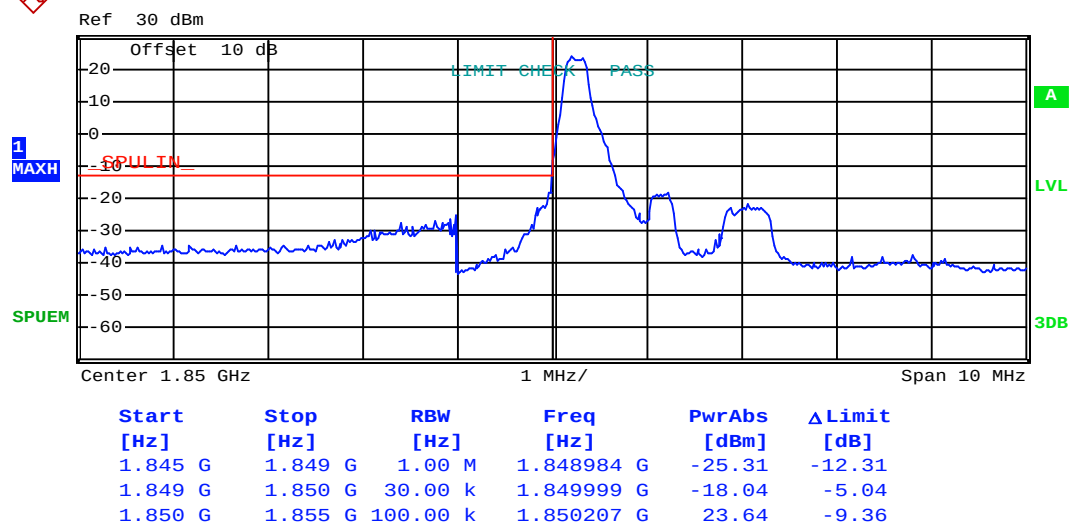
1GHz~26GHz

Band edge emission:

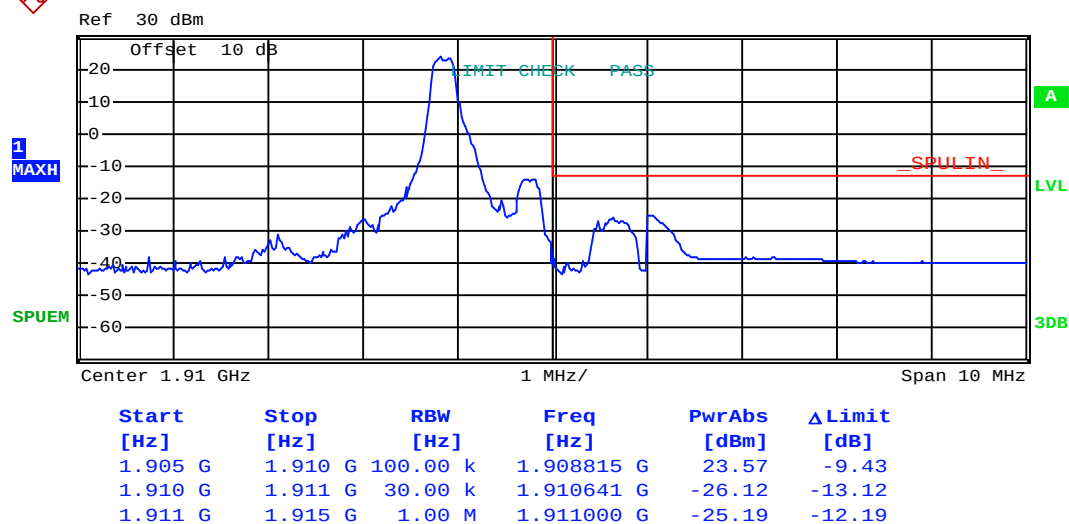
LTE band 2 part:

1.4MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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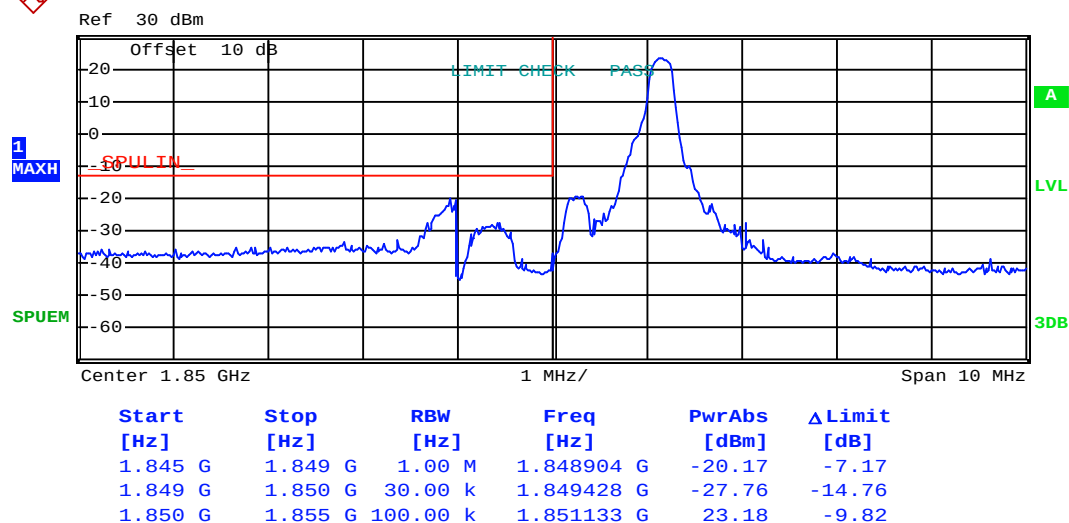


Lowest channel

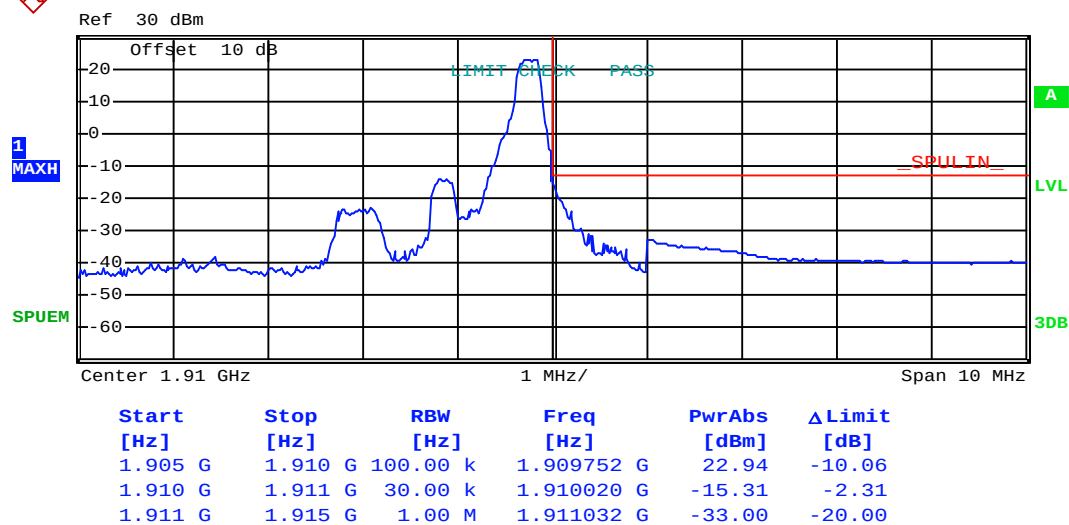


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 5)
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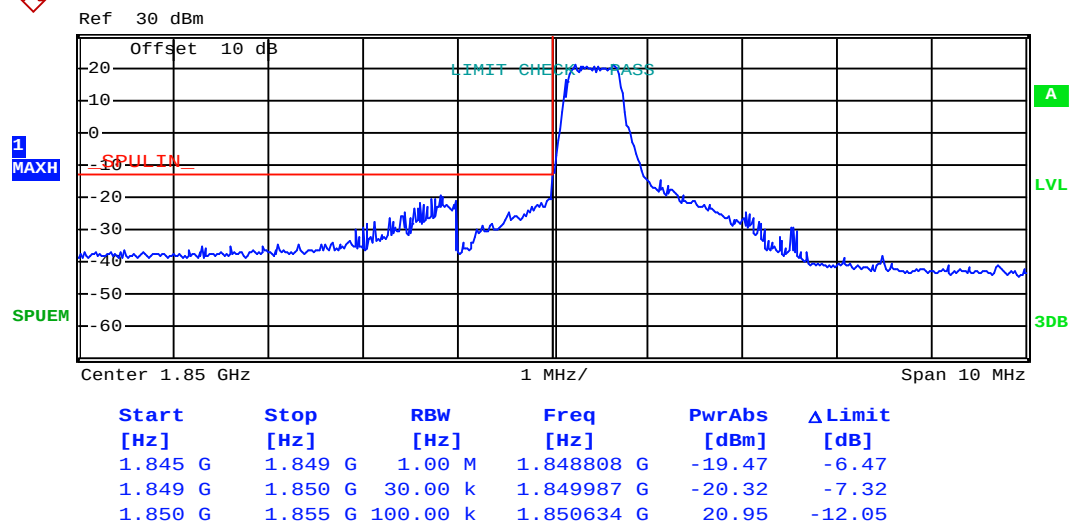


Lowest channel

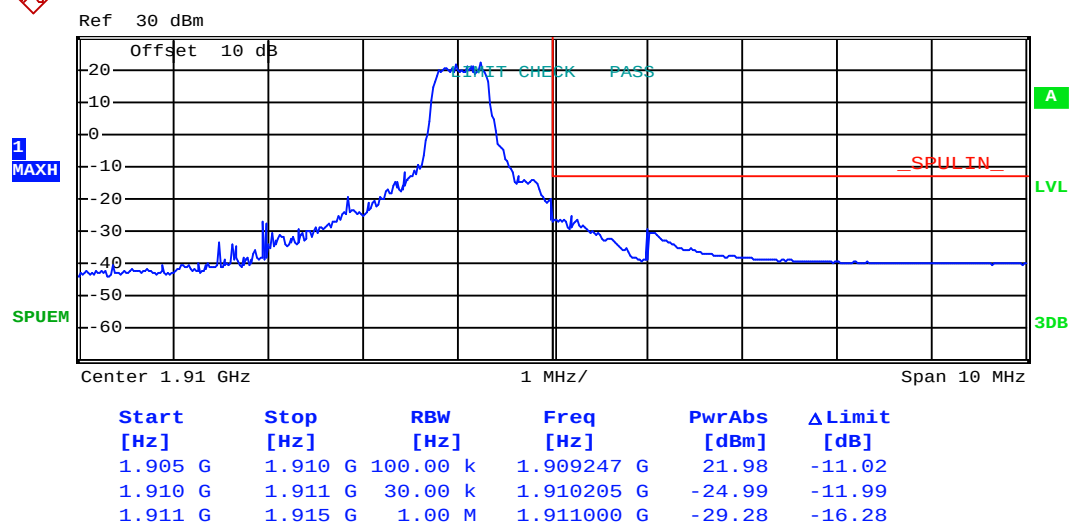


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 3 & RB Offset 0)
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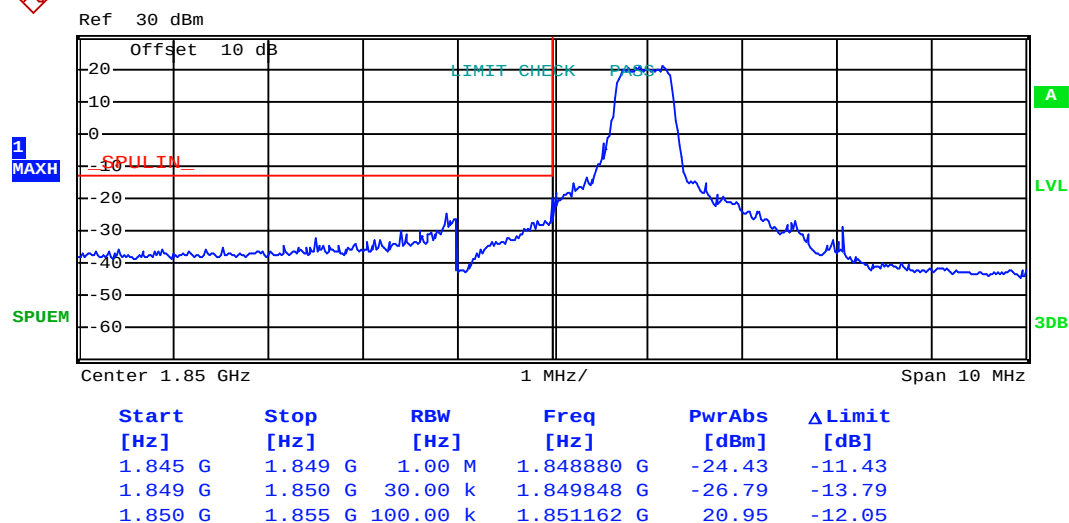


Lowest channel

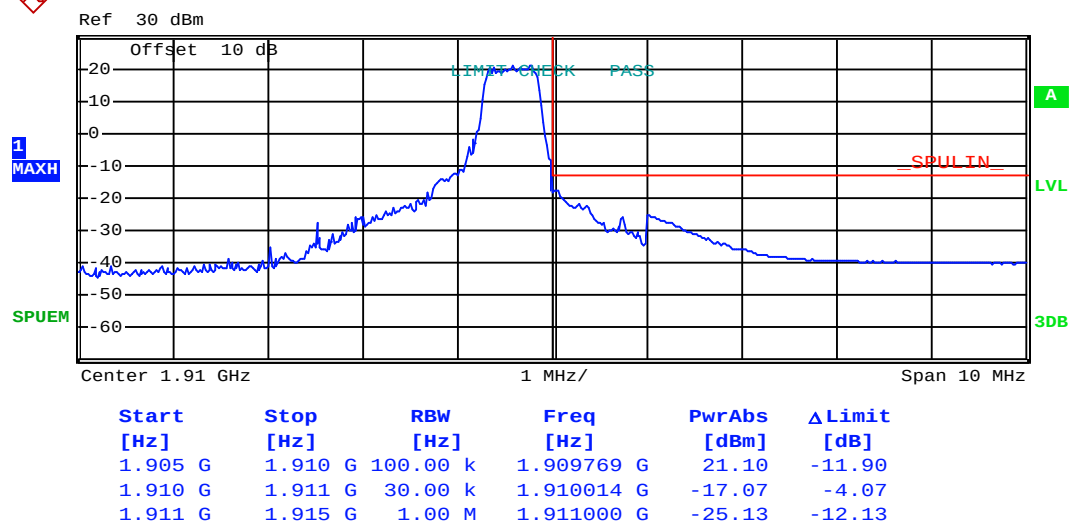


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 3 & RB Offset 2)
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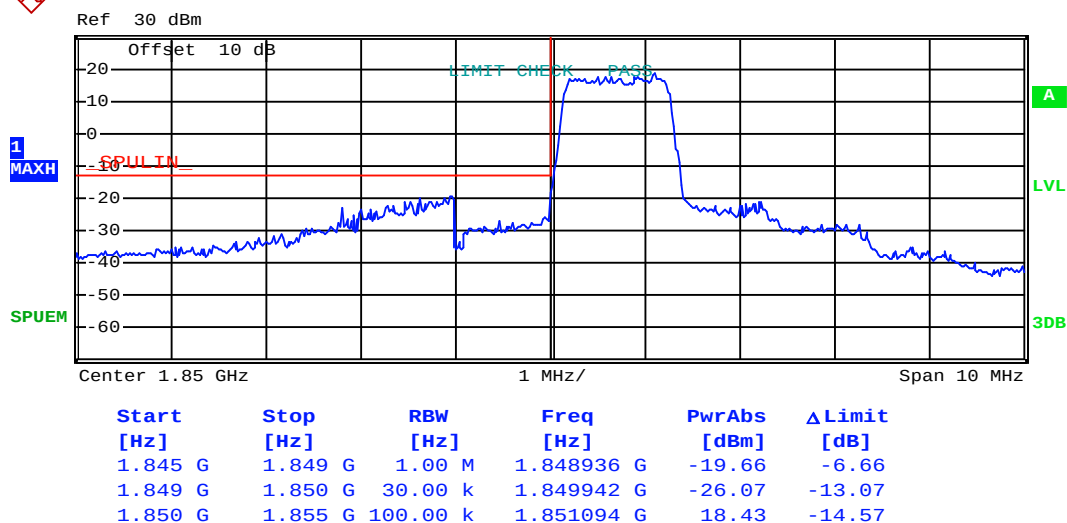
Lowest channel



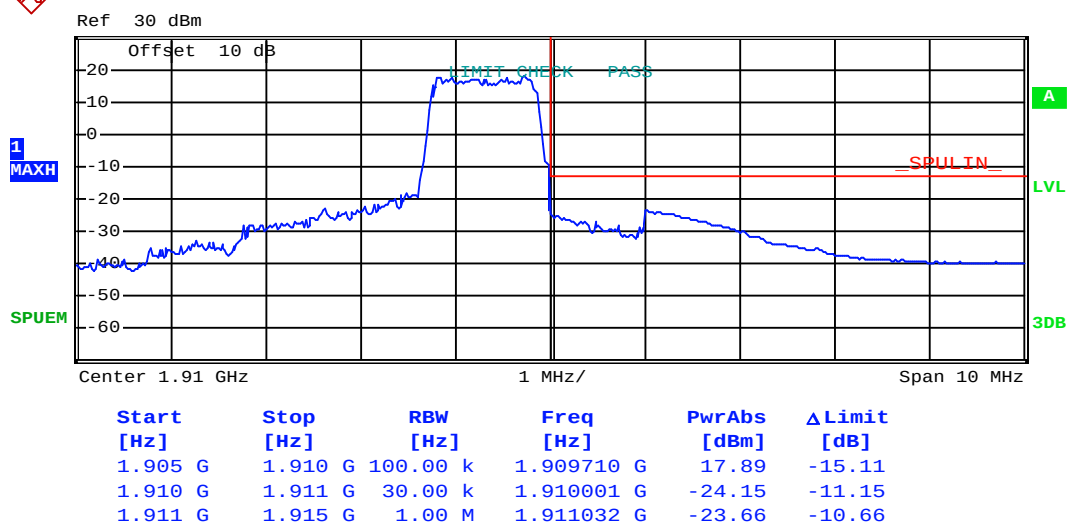
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 6 & RB Offset 0)



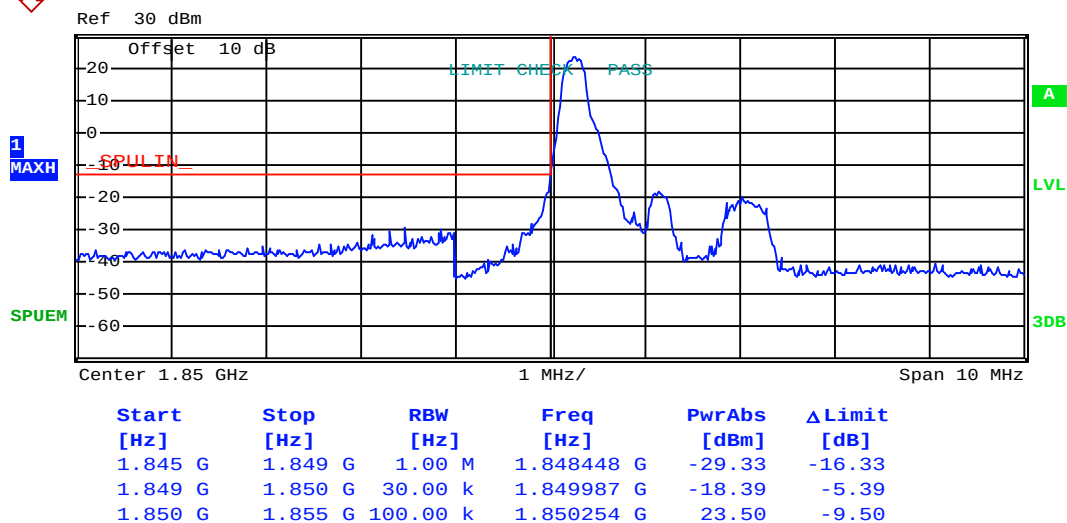
Lowest channel



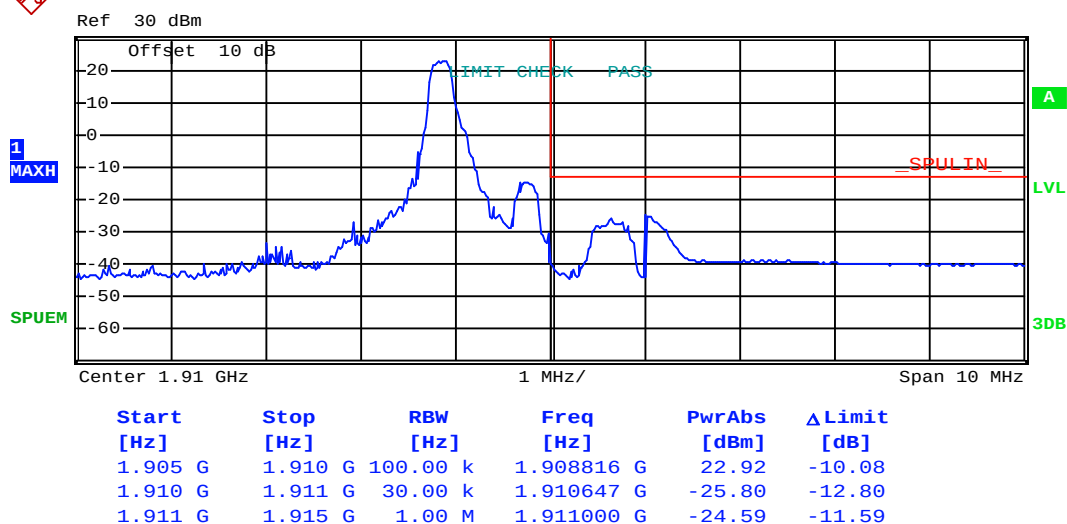
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)

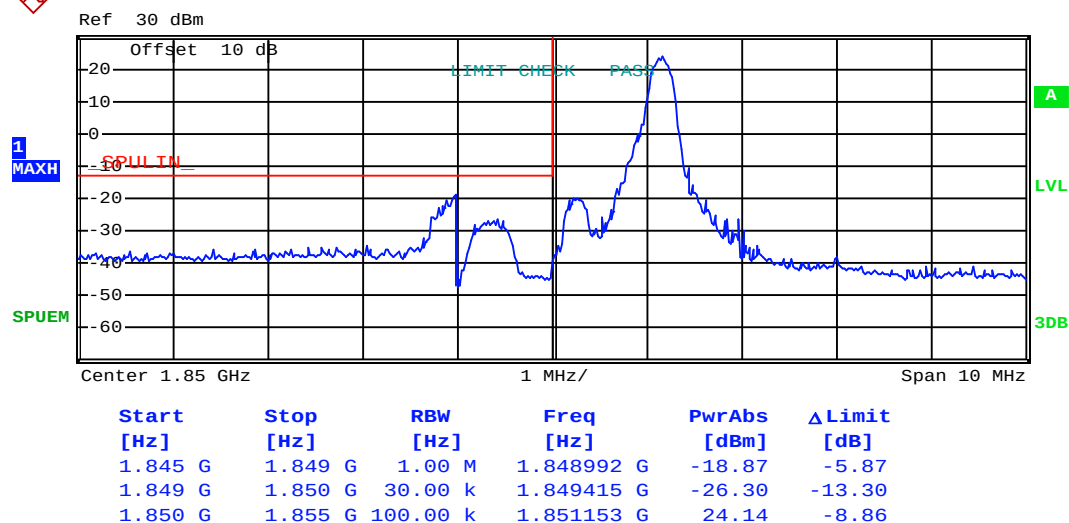


Lowest channel

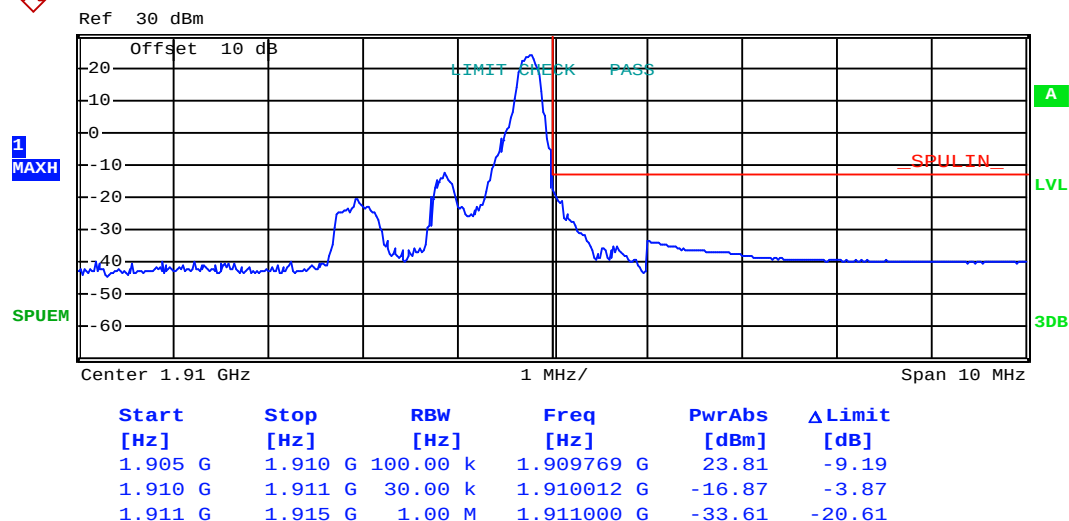


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 5)
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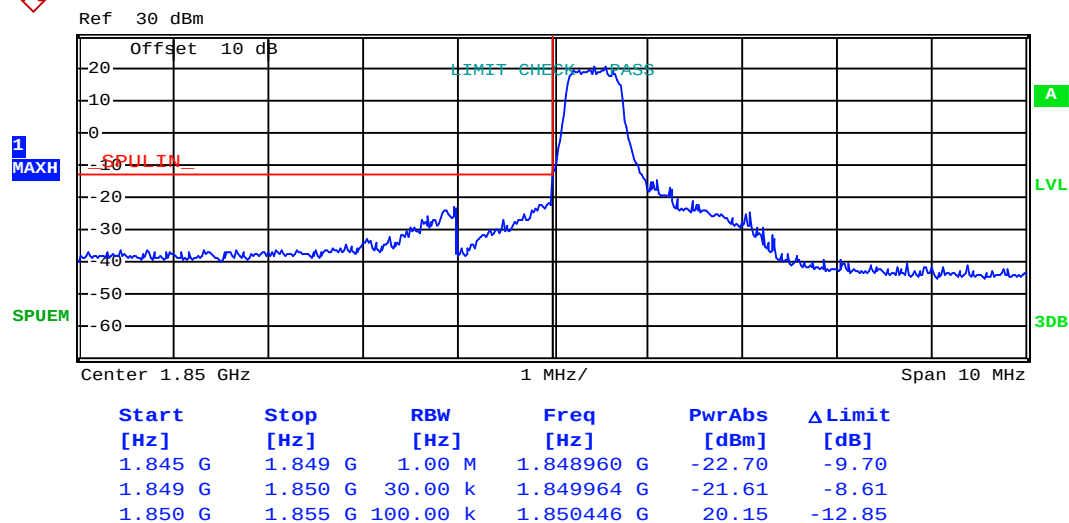
Lowest channel



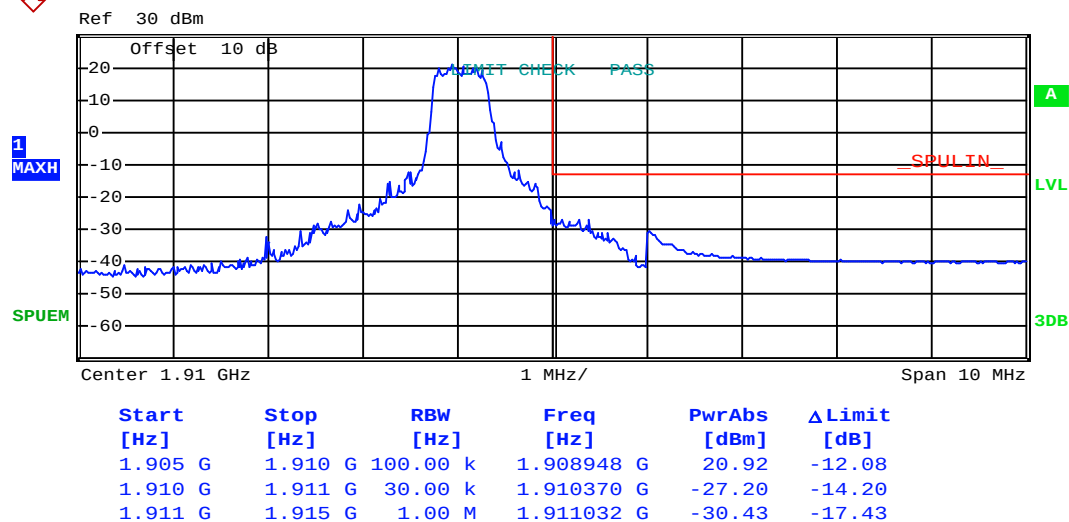
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 3 & RB Offset 0)



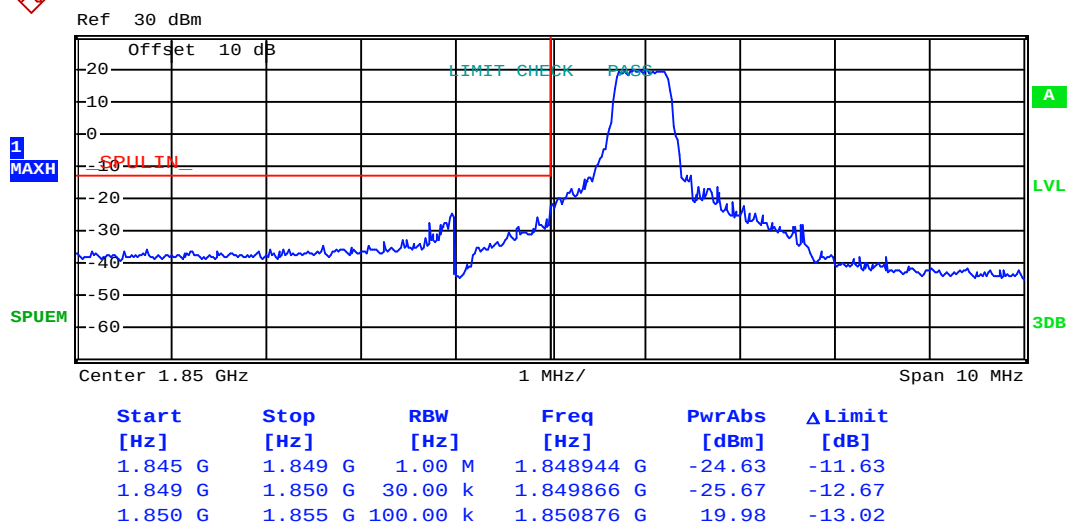
Lowest channel



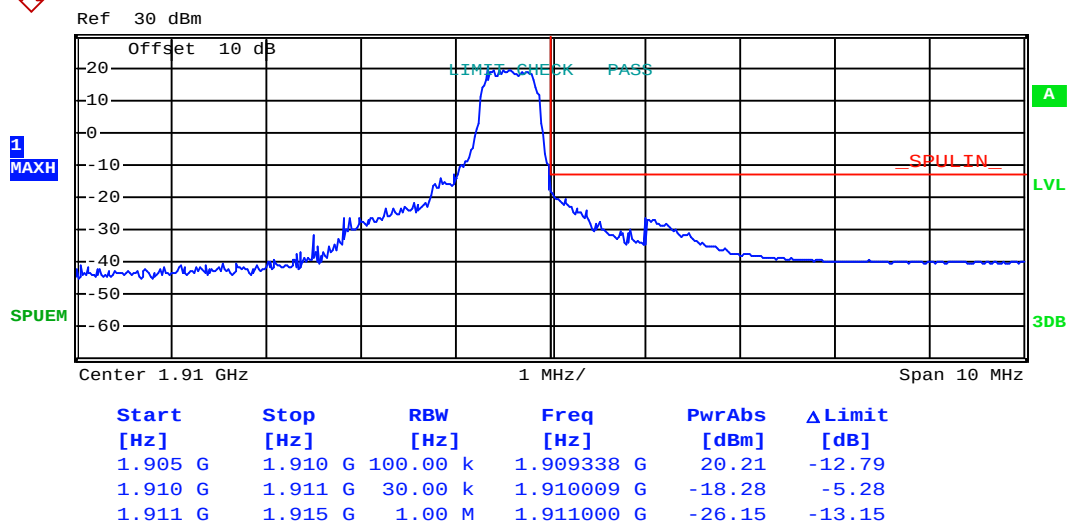
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 3 & RB Offset 2)



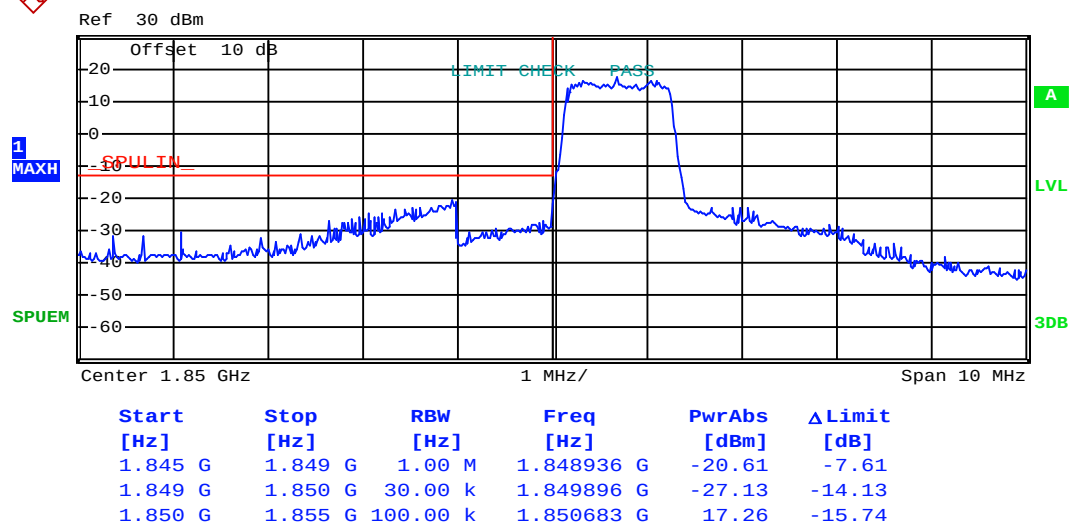
Lowest channel



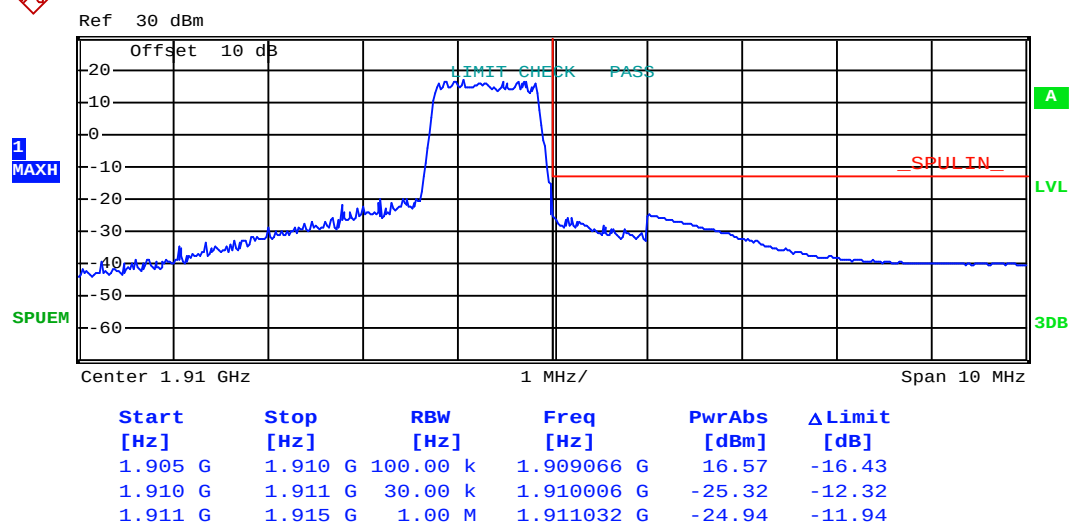
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 6 & RB Offset 0)



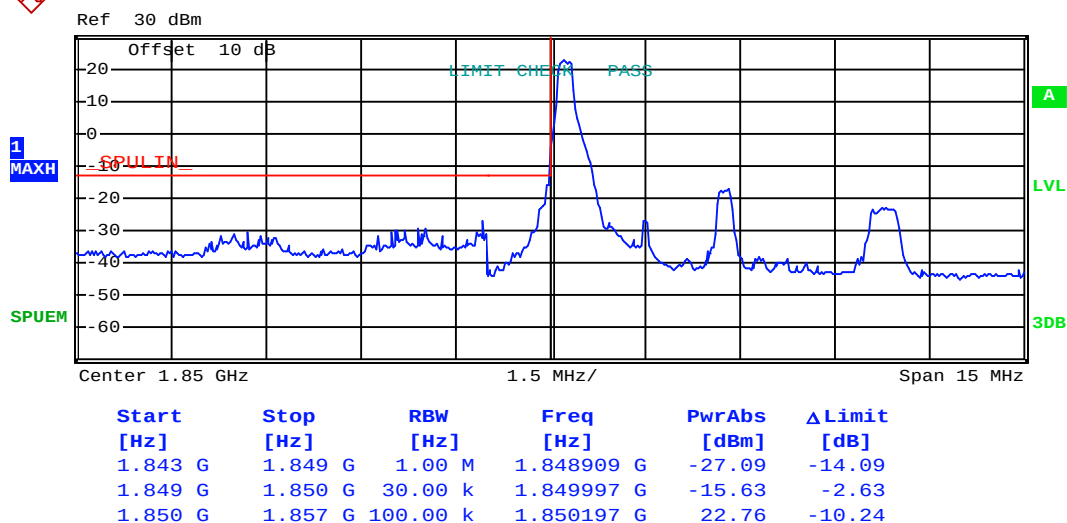
Lowest channel



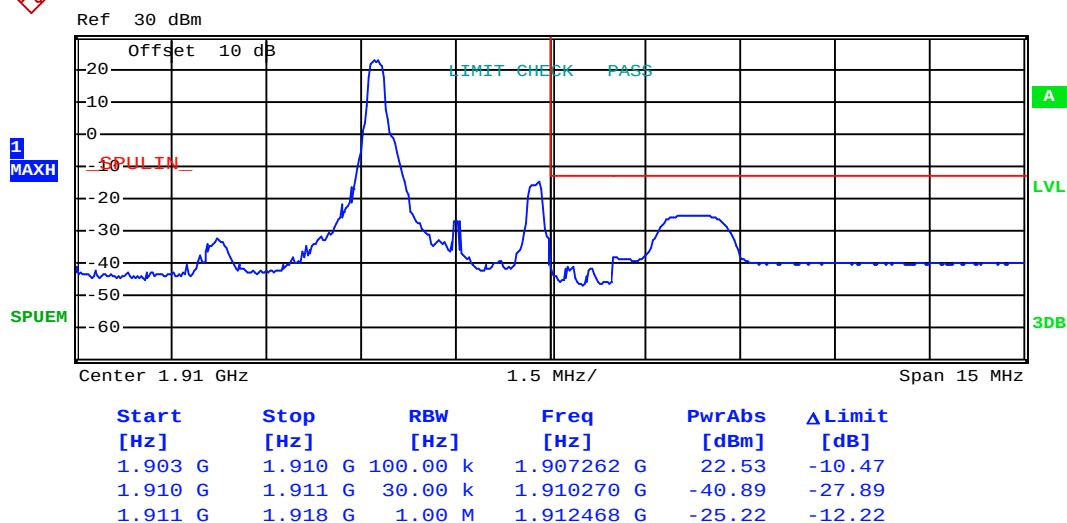
Highest channel

3MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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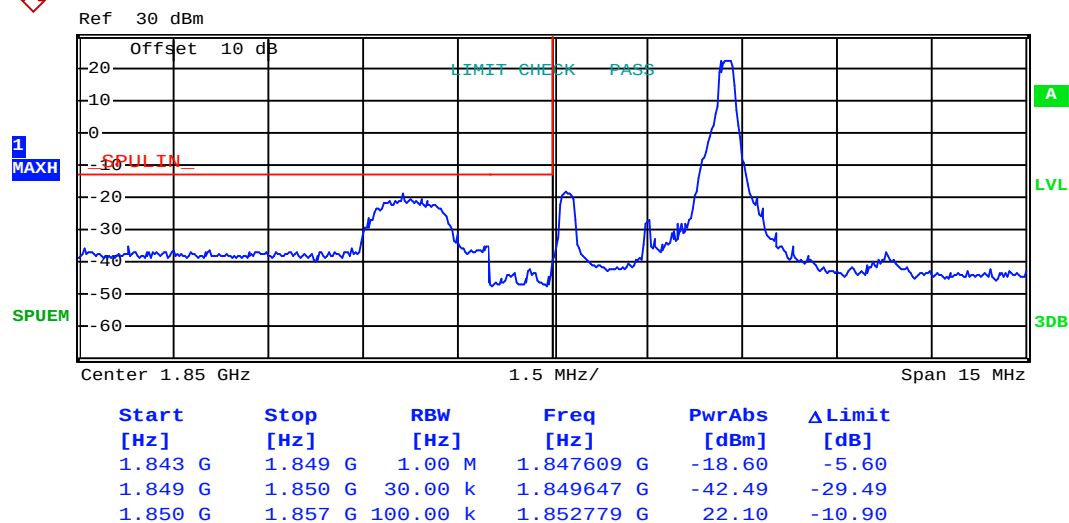
Lowest channel



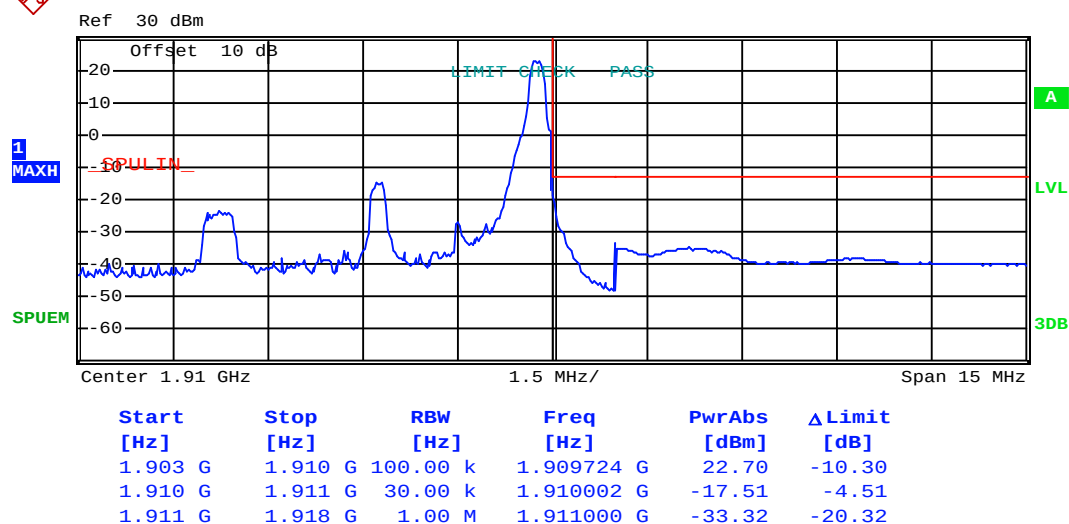
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 14)

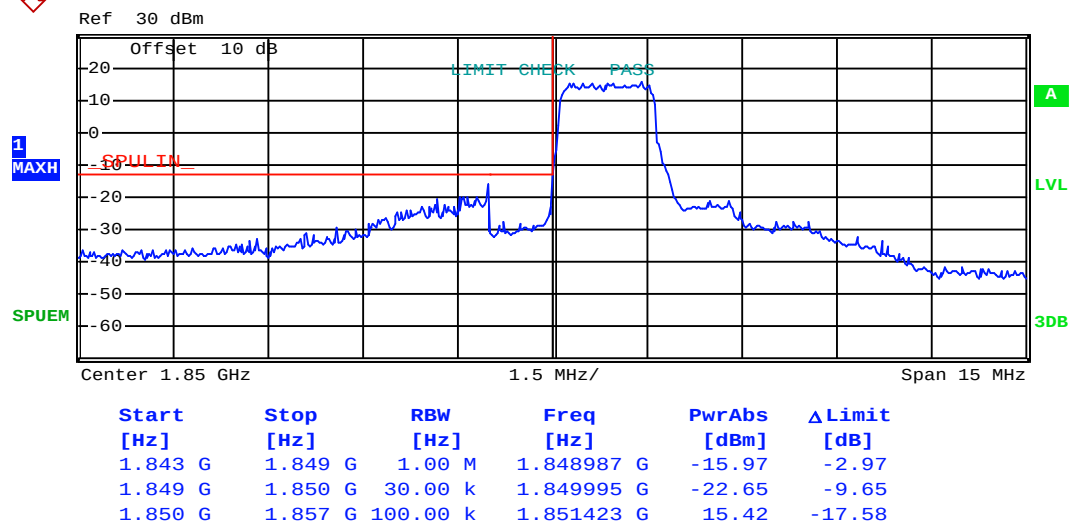


Lowest channel

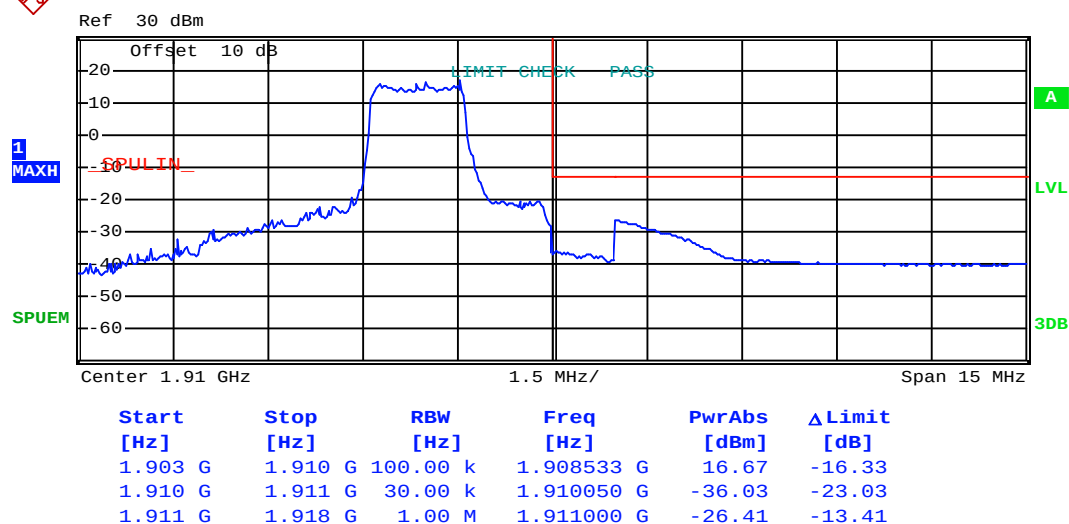


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 8 & RB Offset 0)
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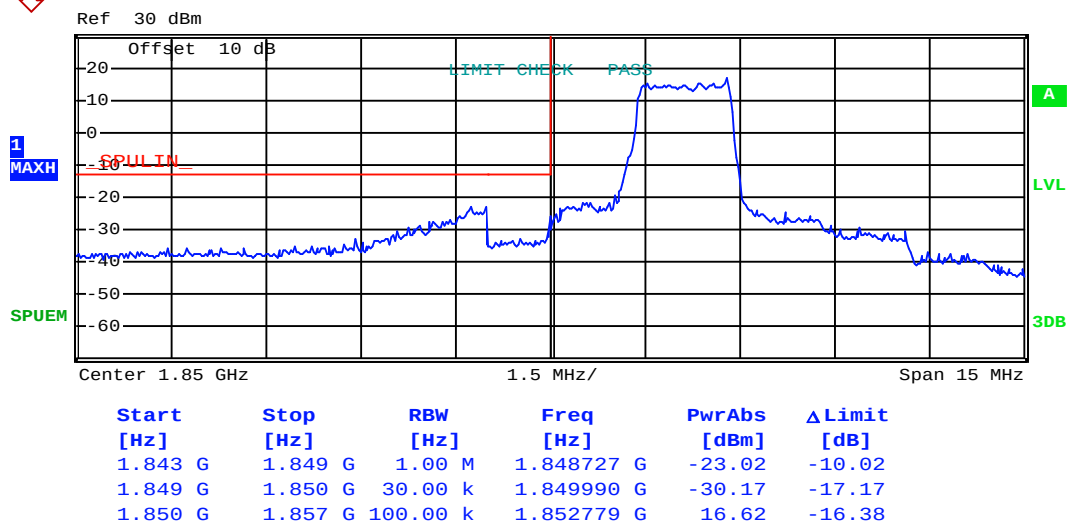
Lowest channel



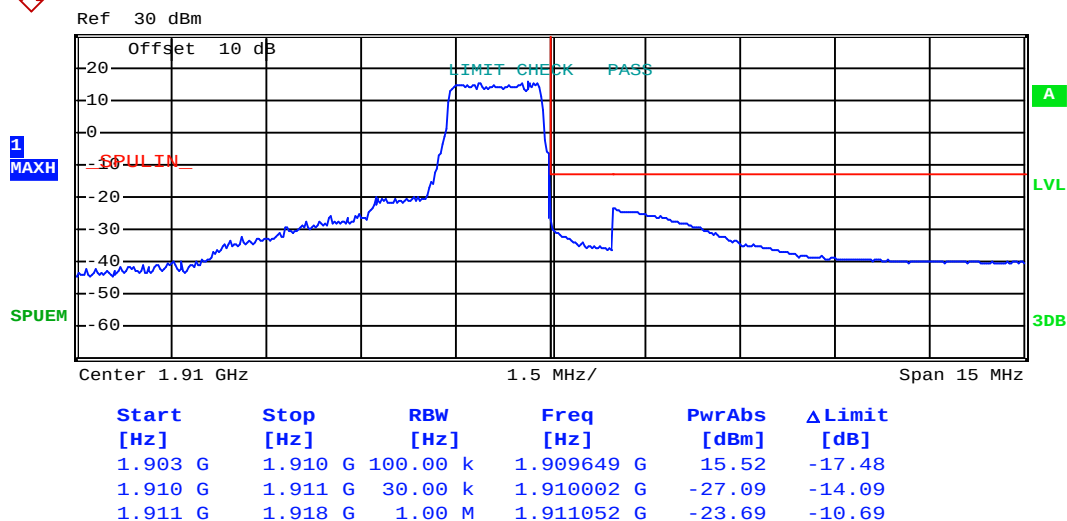
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 8 & RB Offset 7)

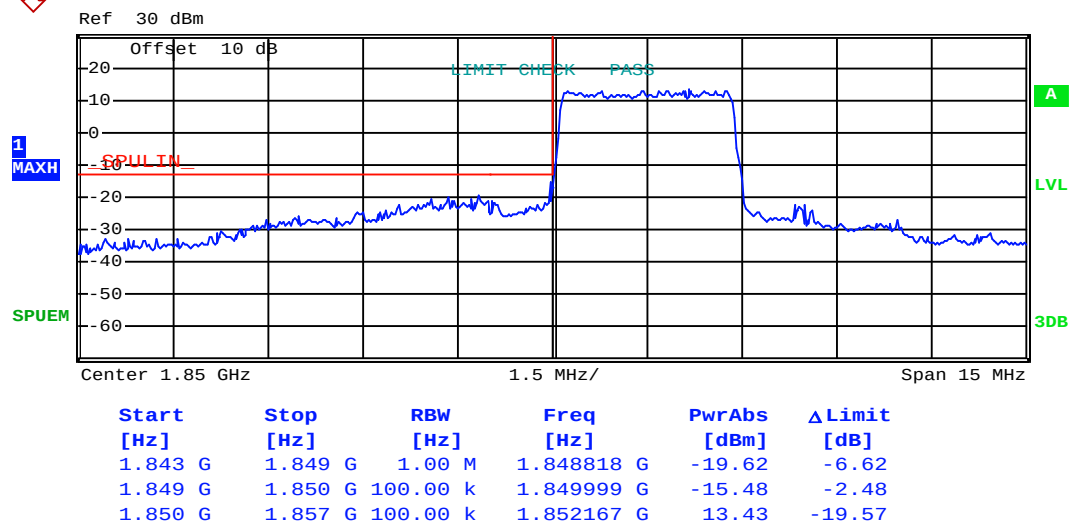


Lowest channel

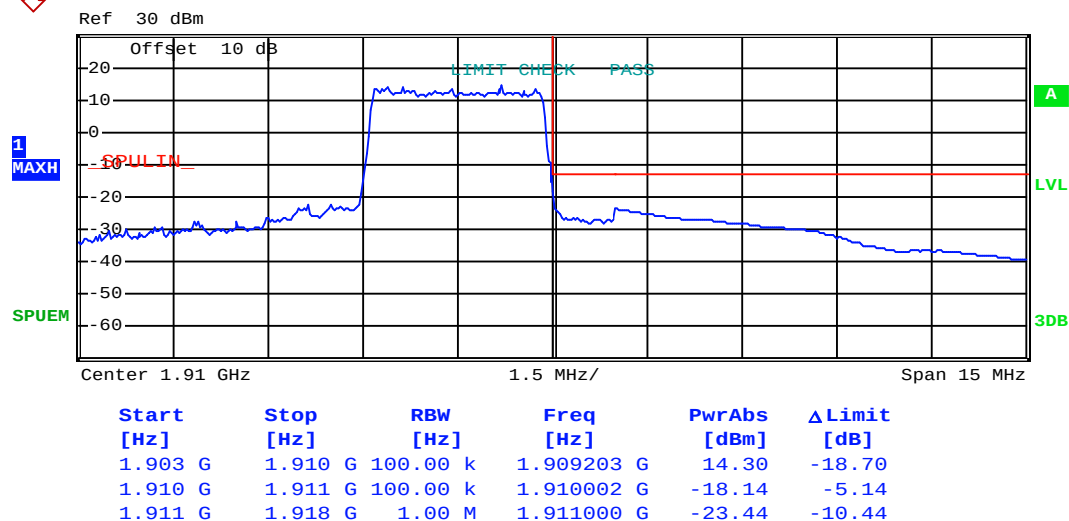


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 15 & RB Offset 0)
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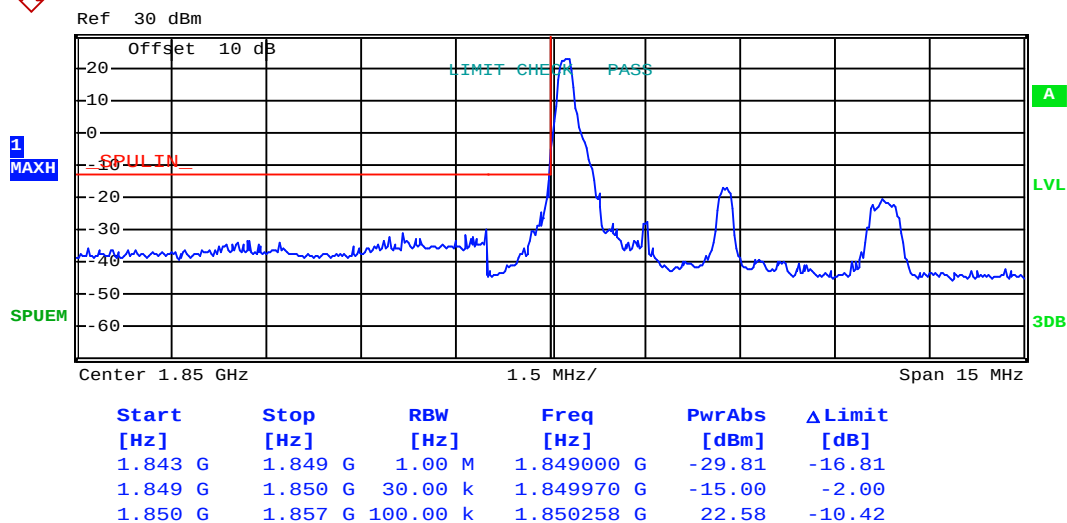
Lowest channel



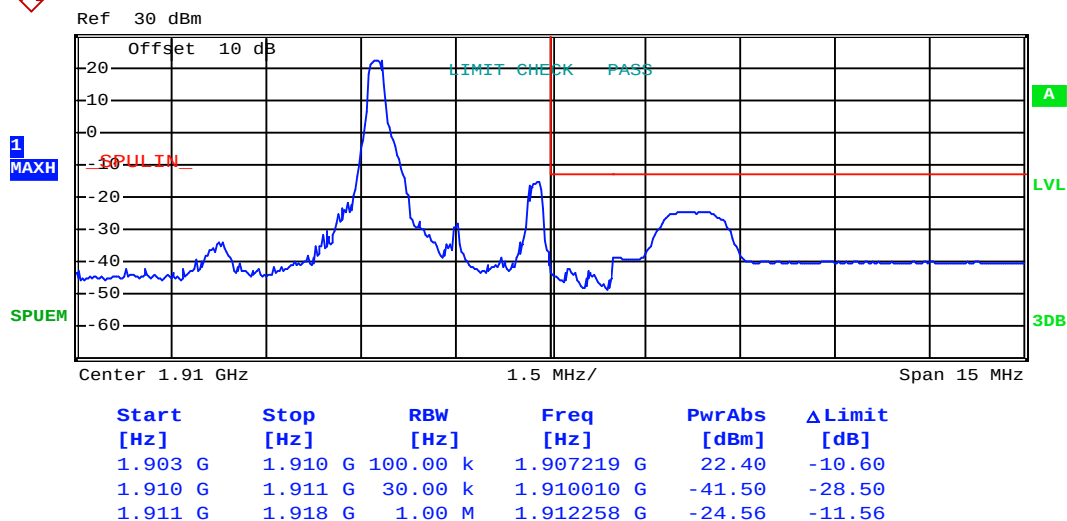
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



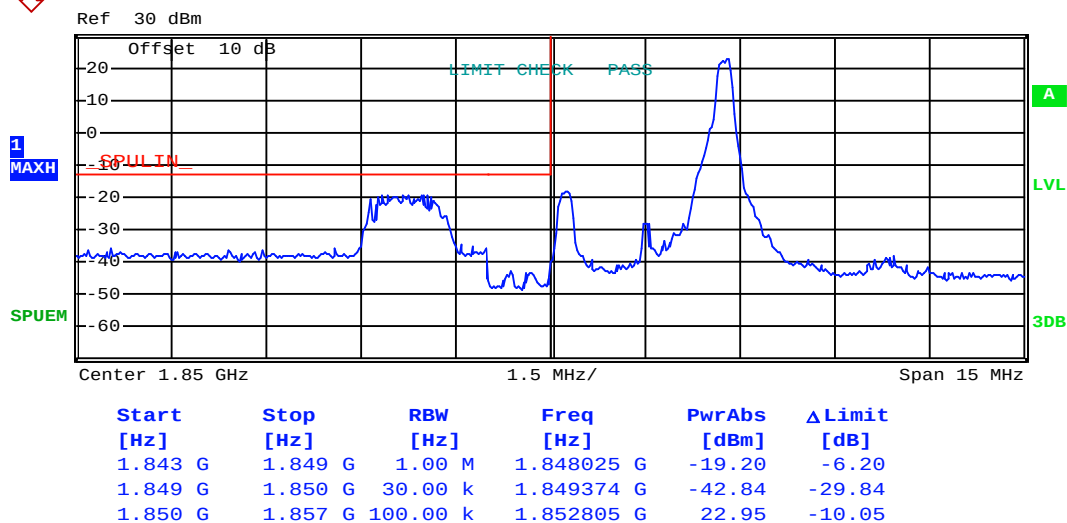
Lowest channel



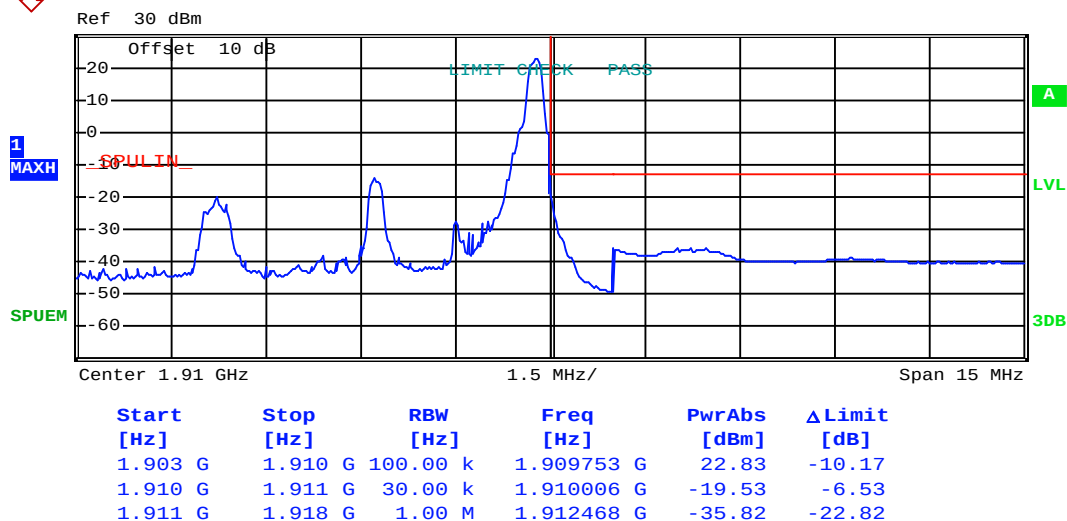
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 14)

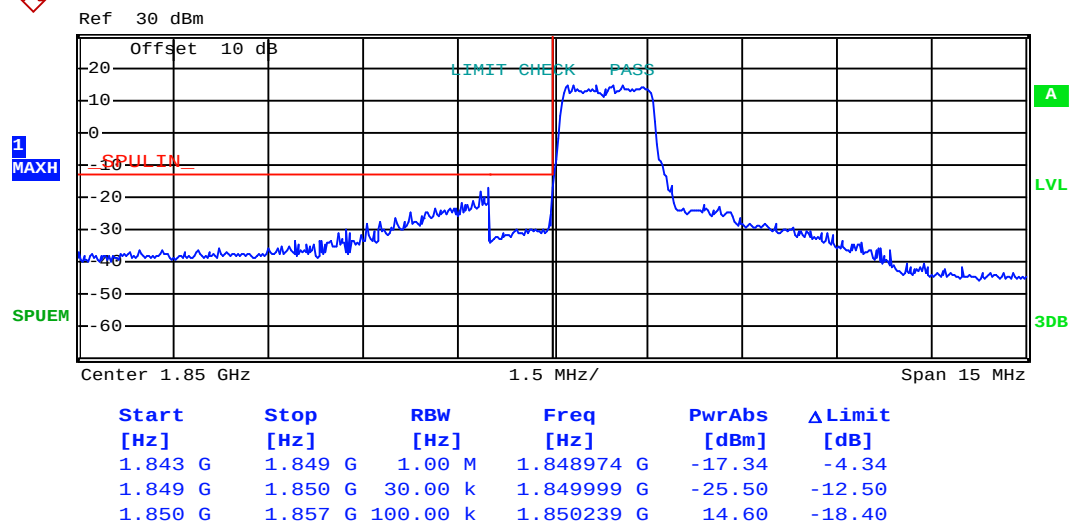


Lowest channel

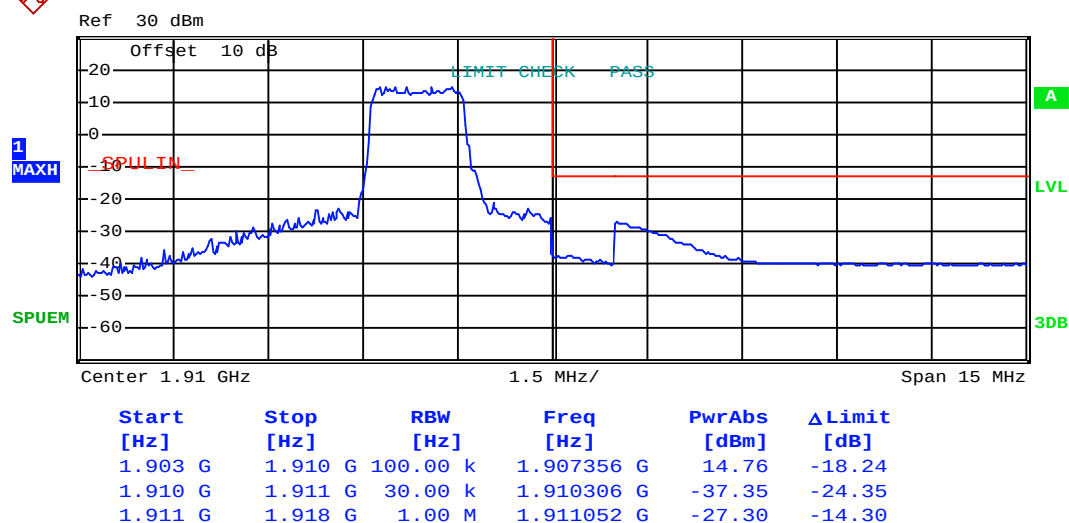


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 8 & RB Offset 0)
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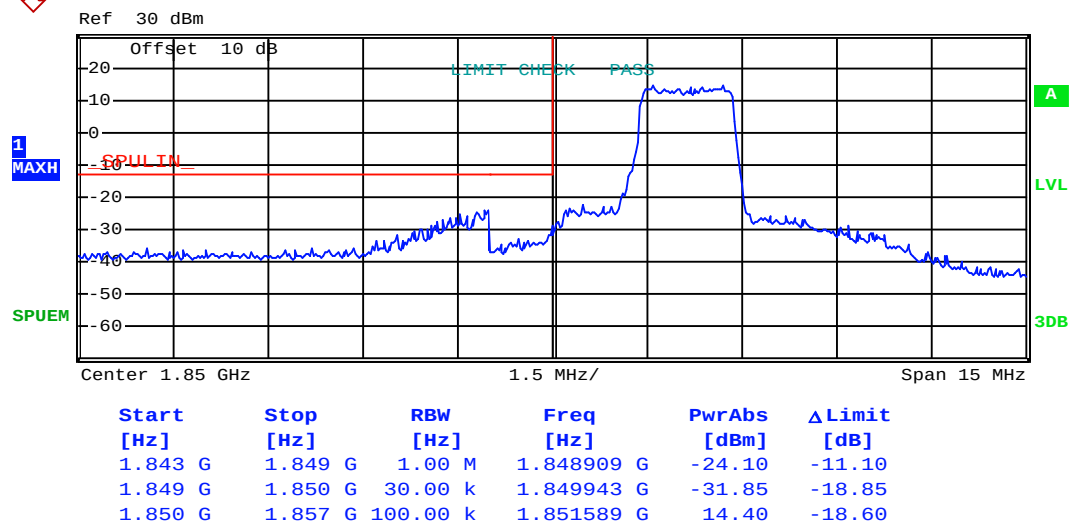
Lowest channel



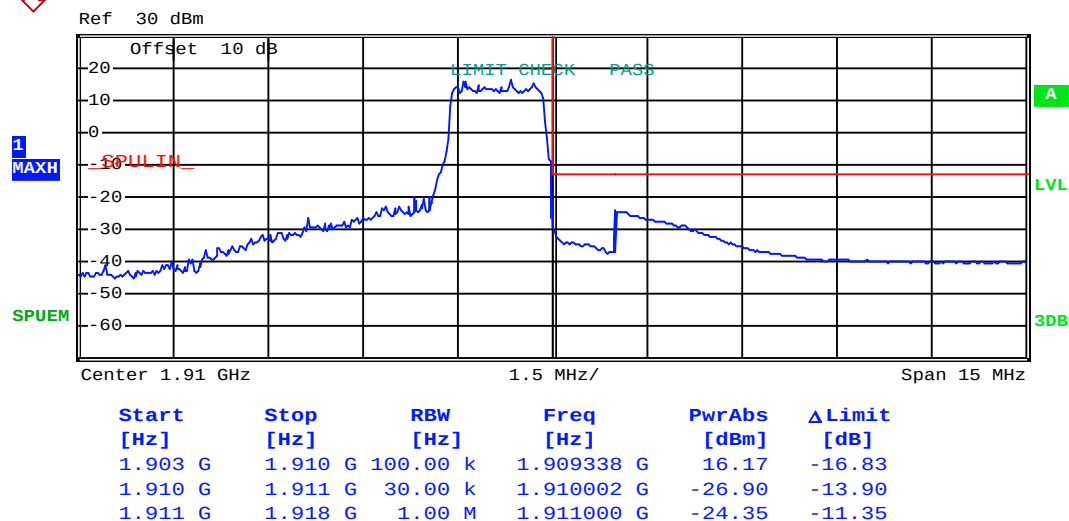
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 8 & RB Offset 7)

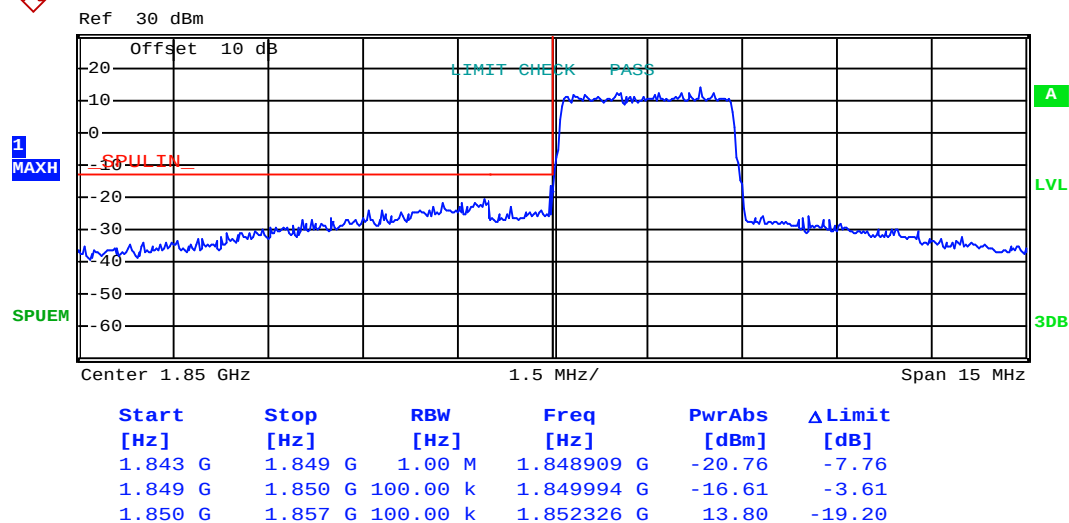


Lowest channel

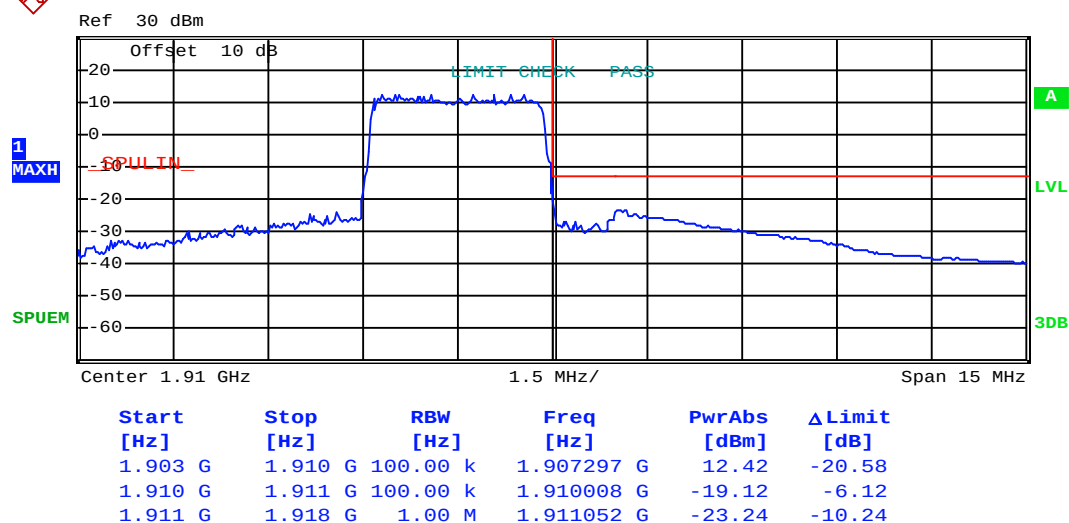


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 15 & RB Offset 0)
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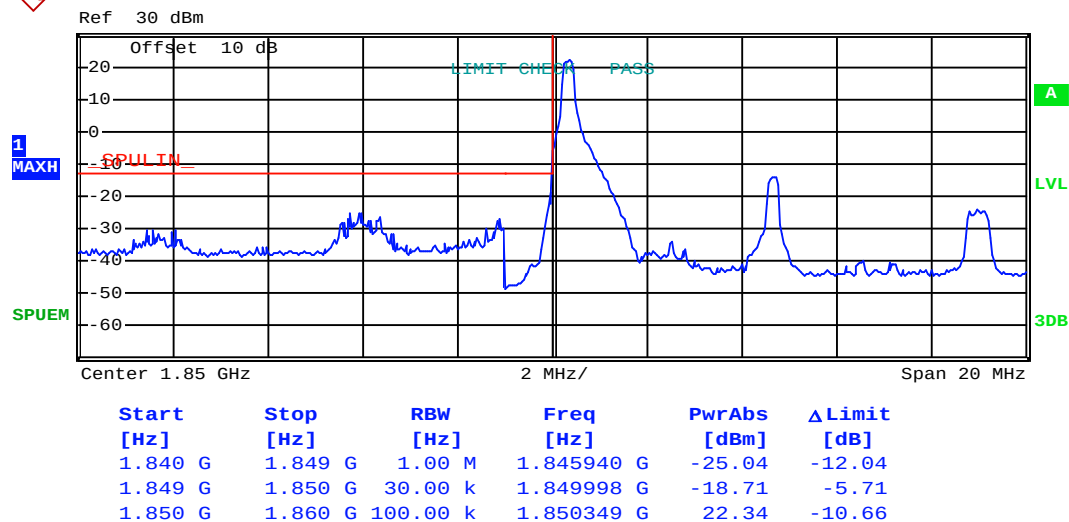
Lowest channel



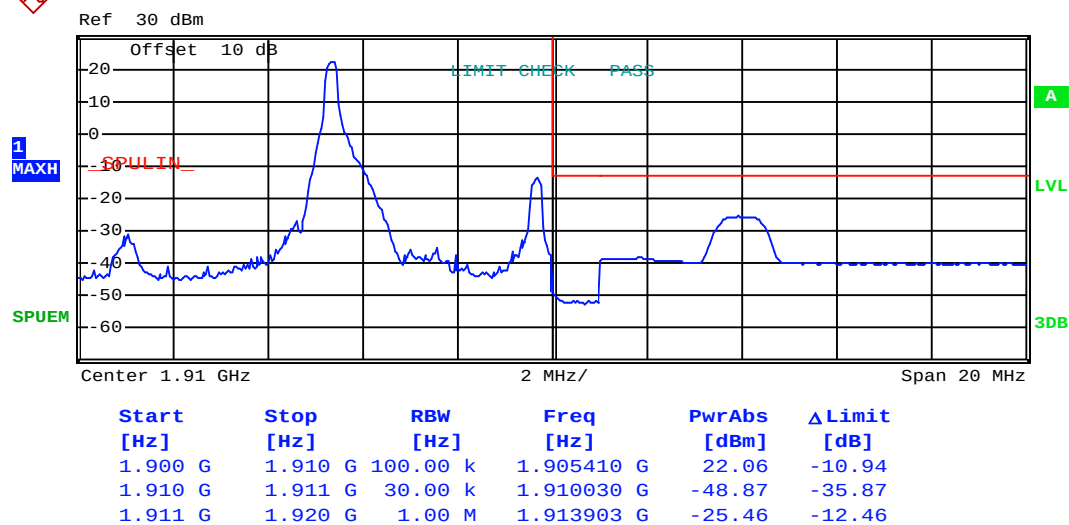
Highest channel

5MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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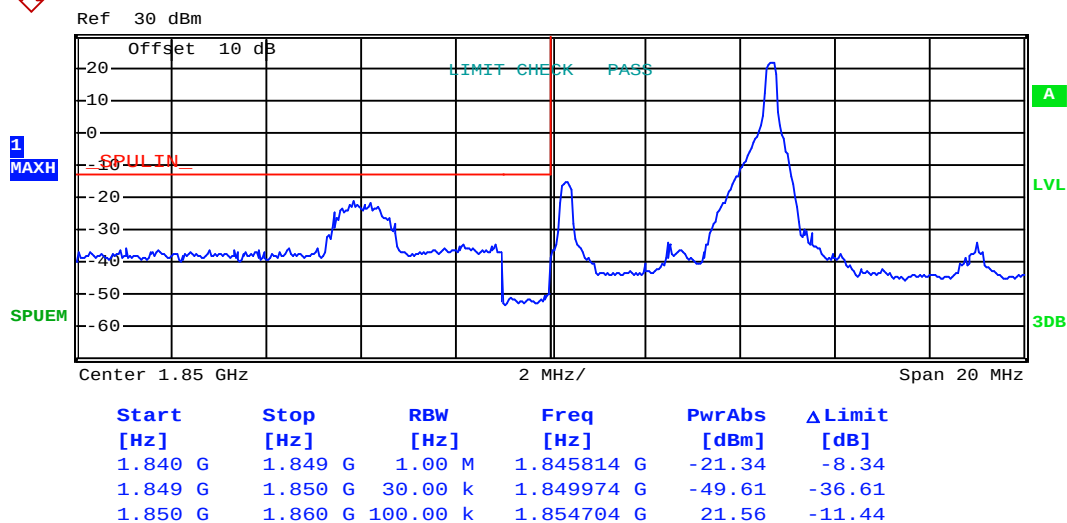
Lowest channel



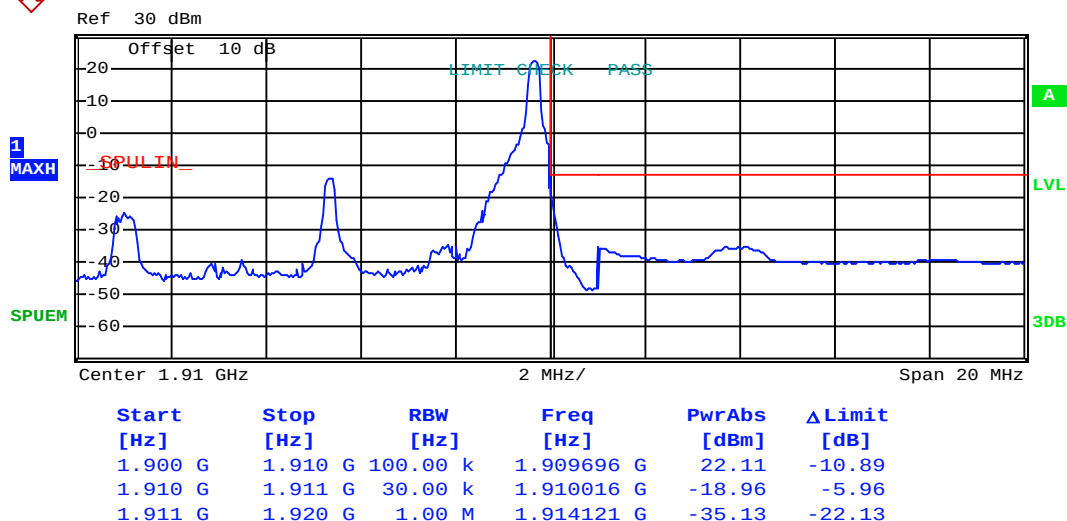
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 24)



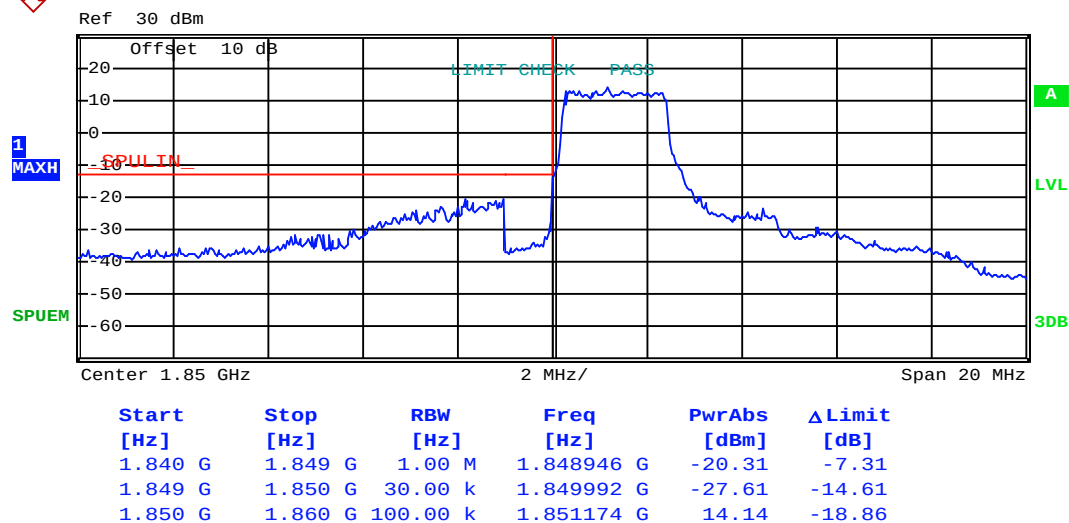
Lowest channel



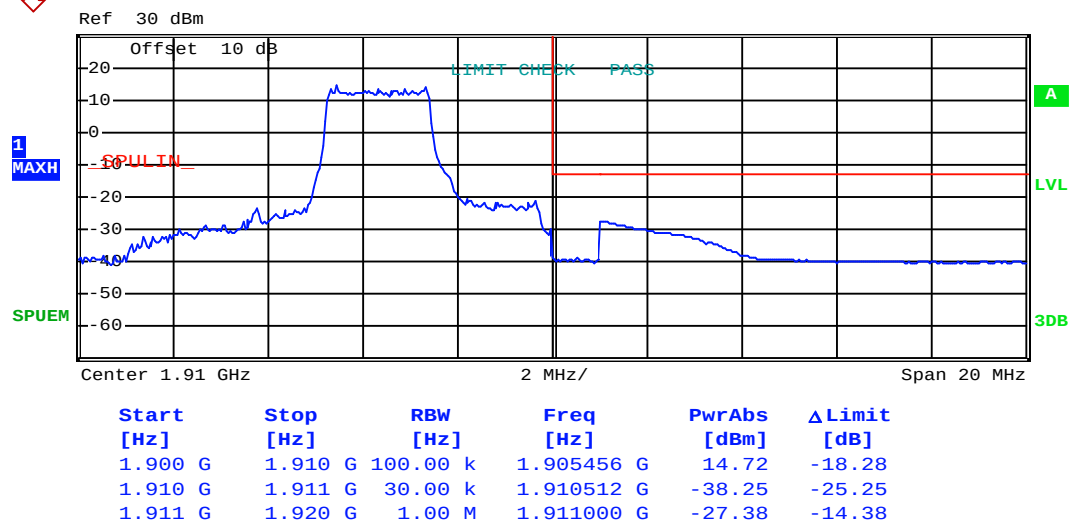
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 12 & RB Offset 0)



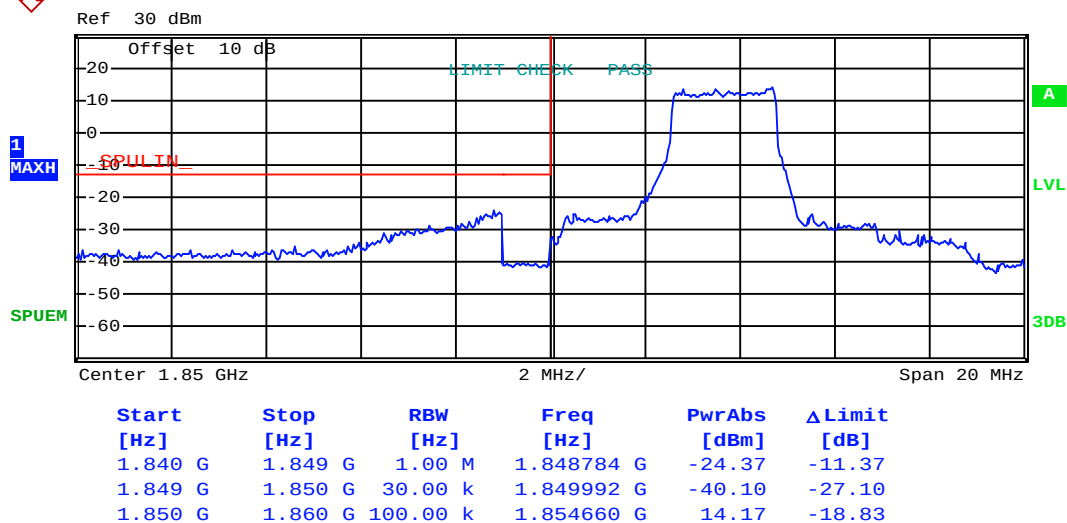
Lowest channel



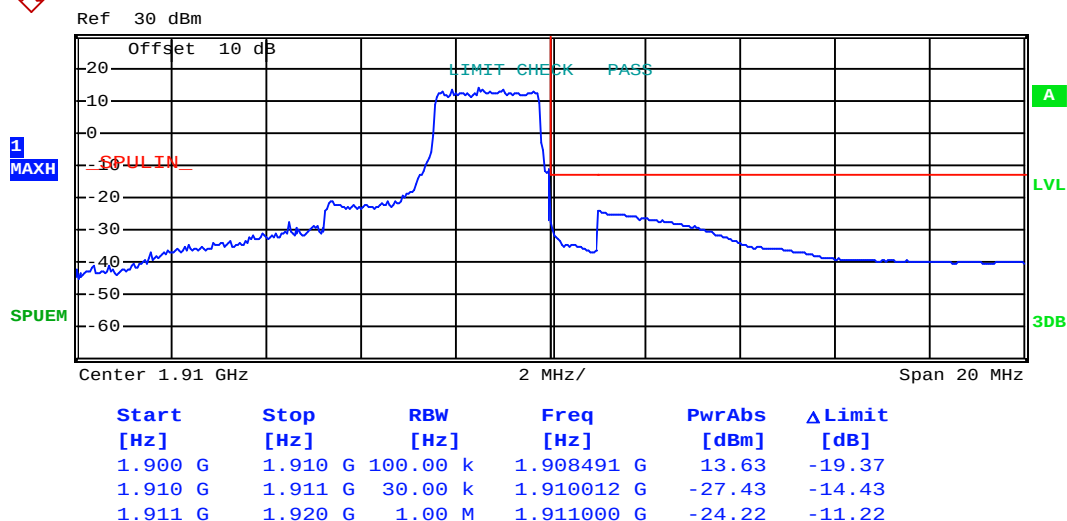
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 12 & RB Offset 11)



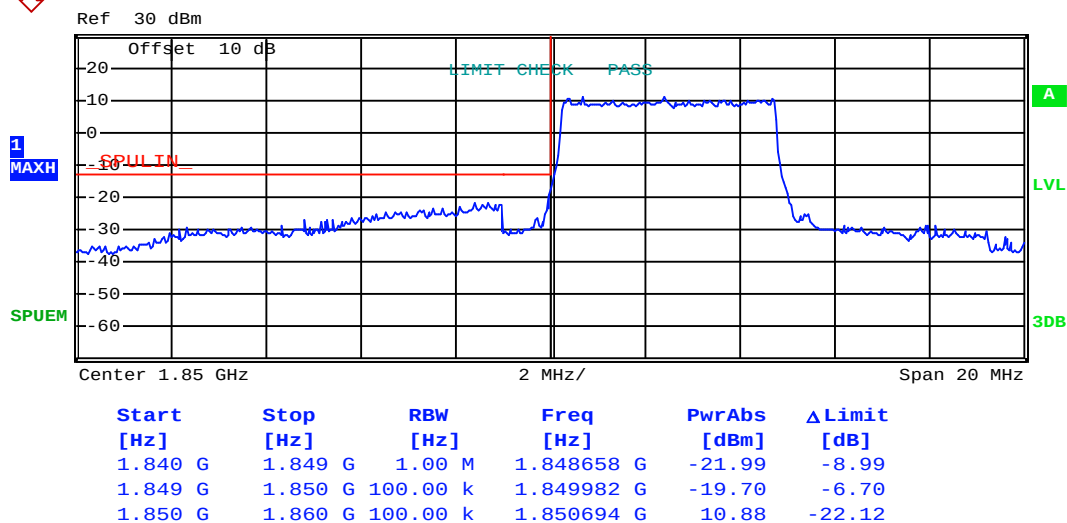
Lowest channel



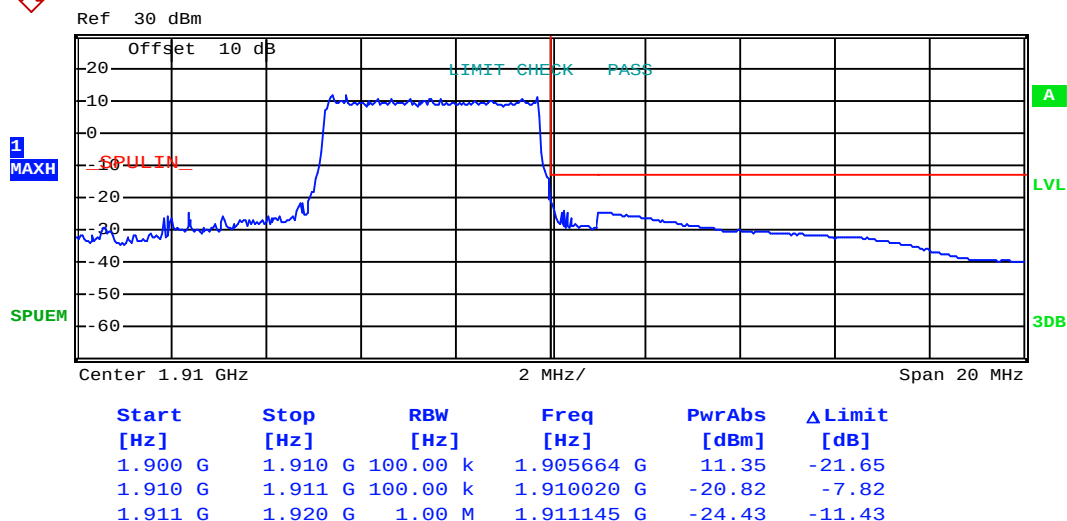
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 25 & RB Offset 0)

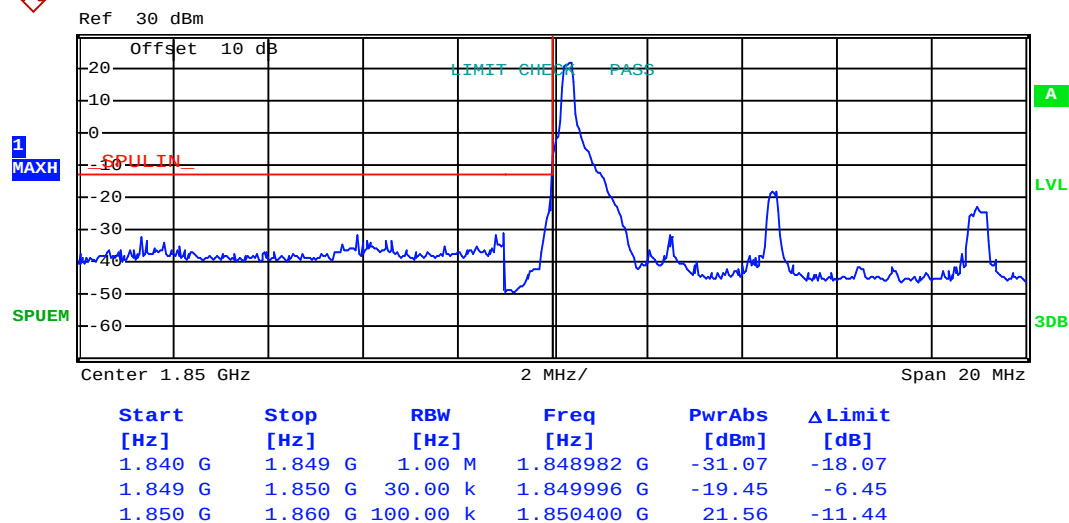


Lowest channel

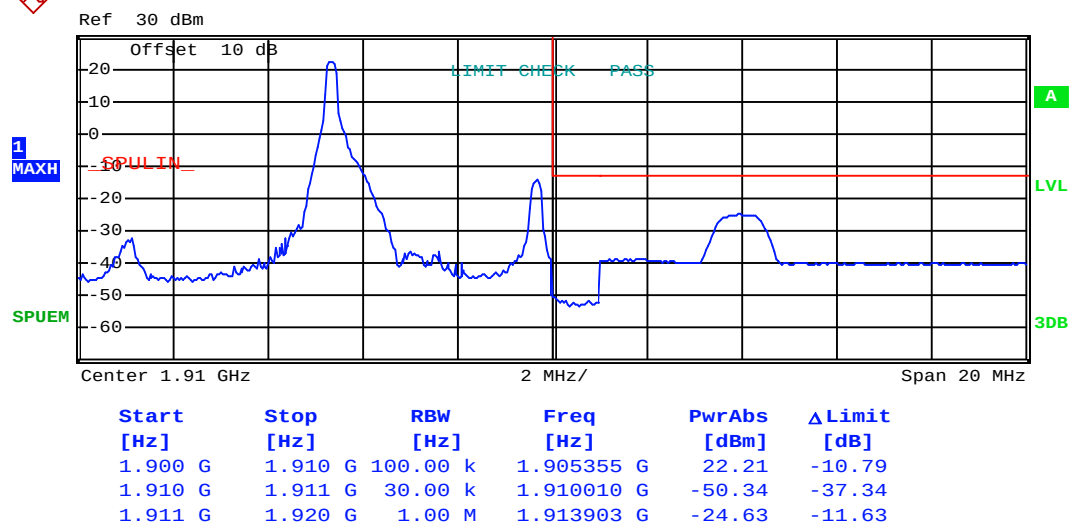


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)
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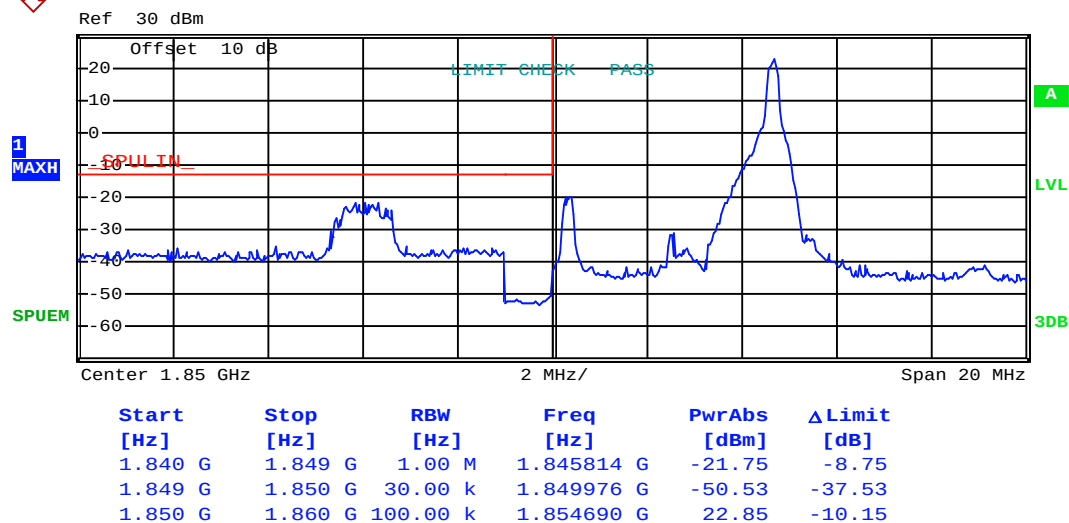


Lowest channel

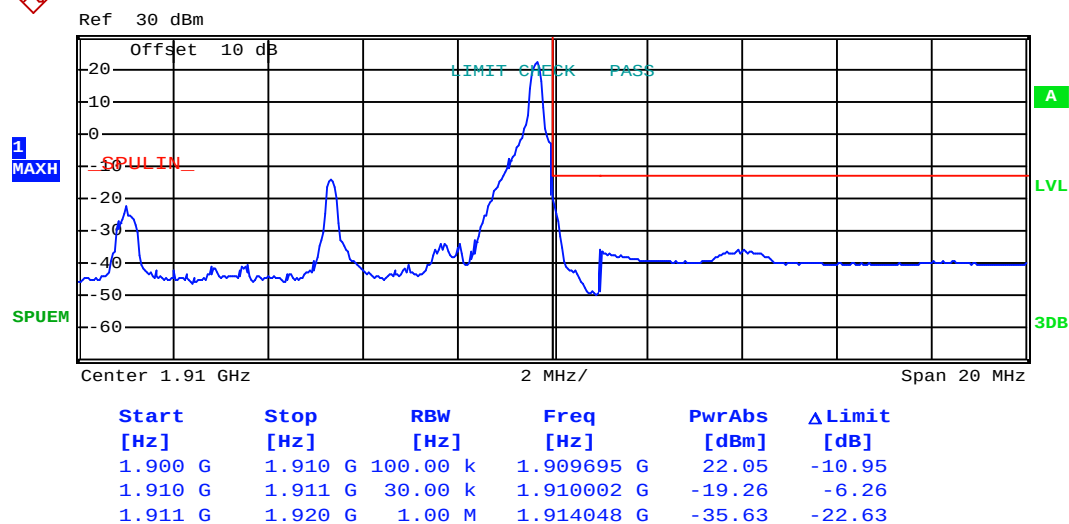


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 24)
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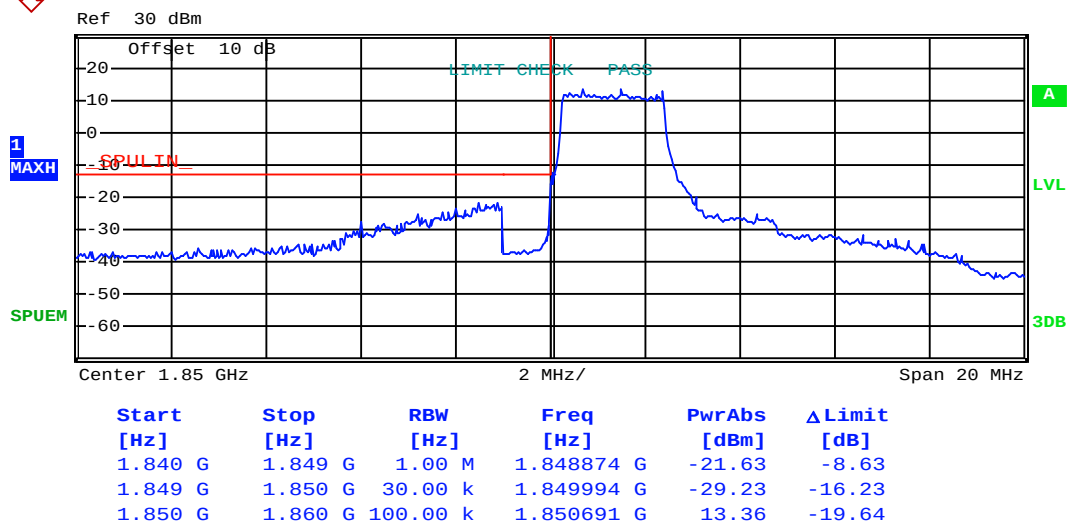
Lowest channel



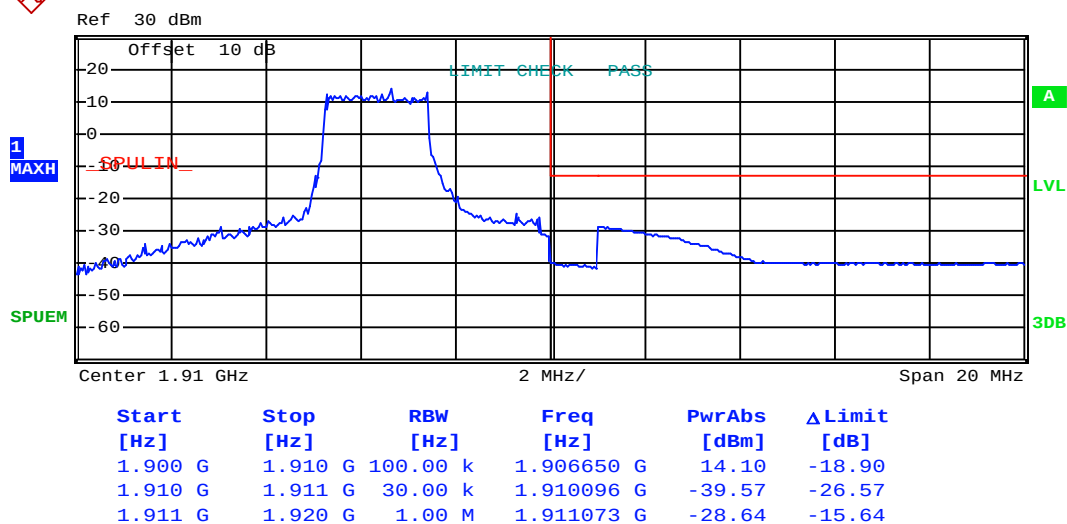
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 12 & RB Offset 0)

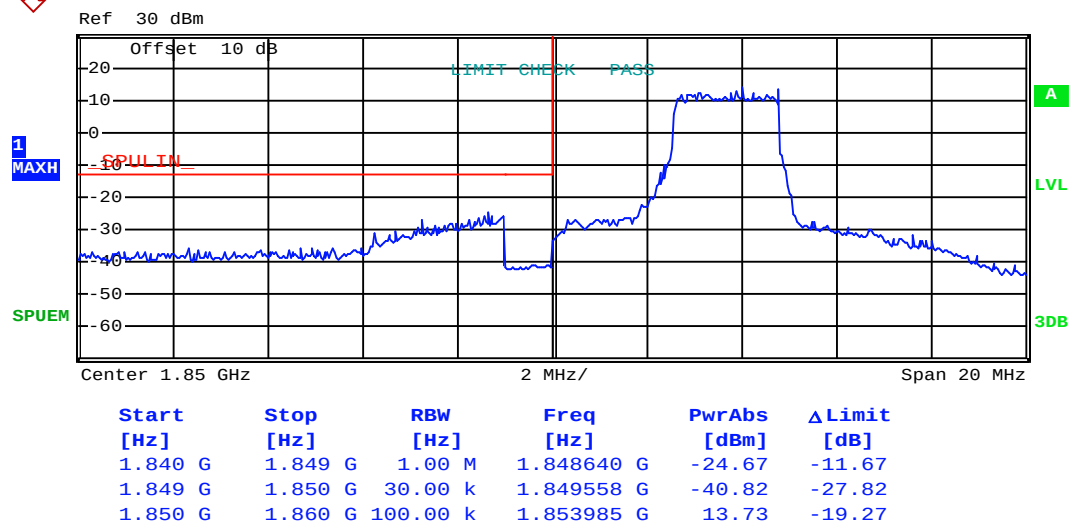


Lowest channel

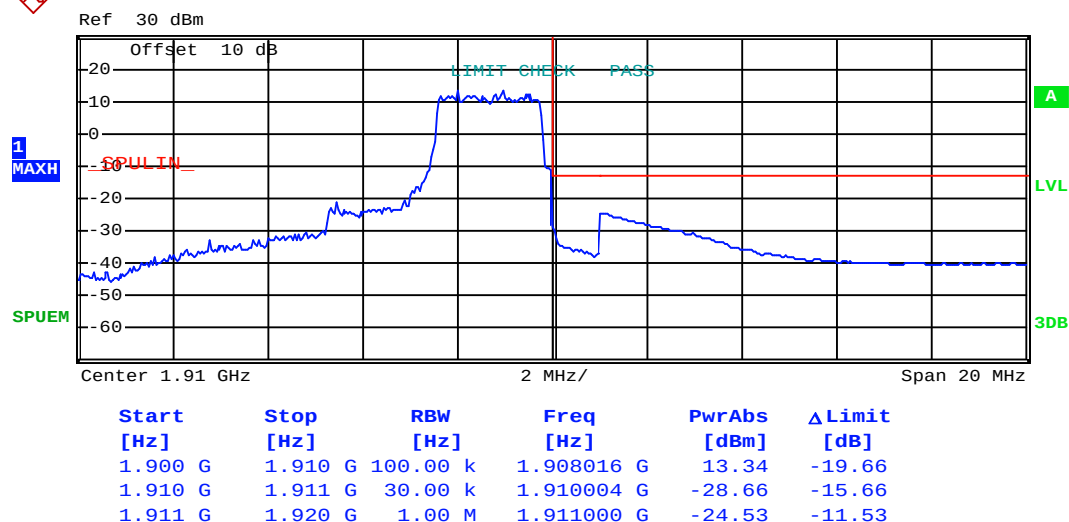


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 12 & RB Offset 11)
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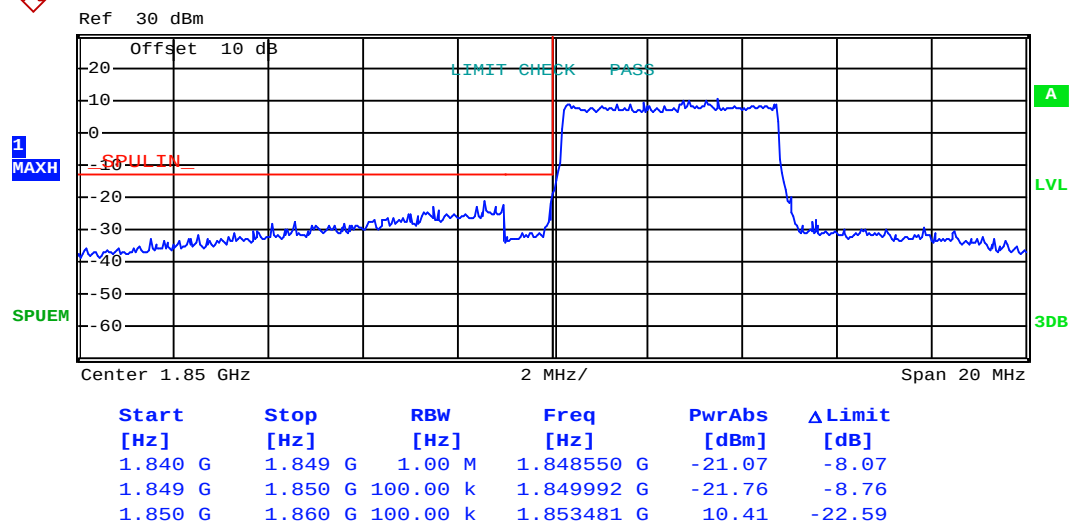


Lowest channel

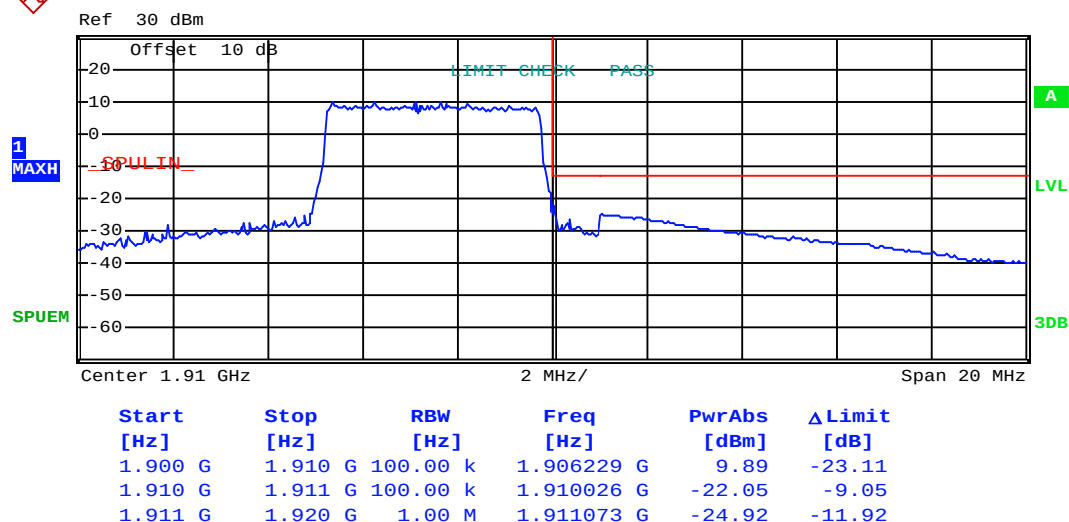


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 0)
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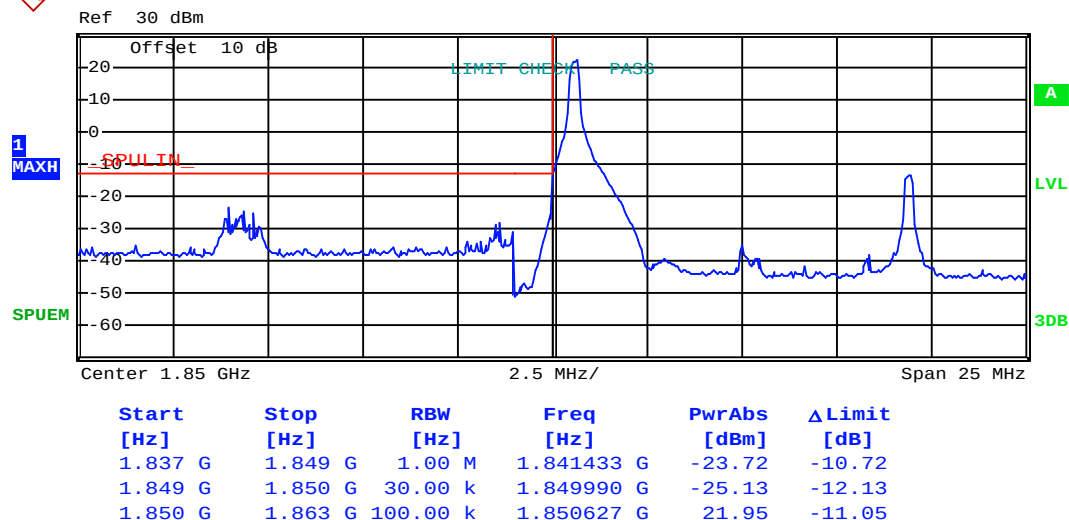
Lowest channel



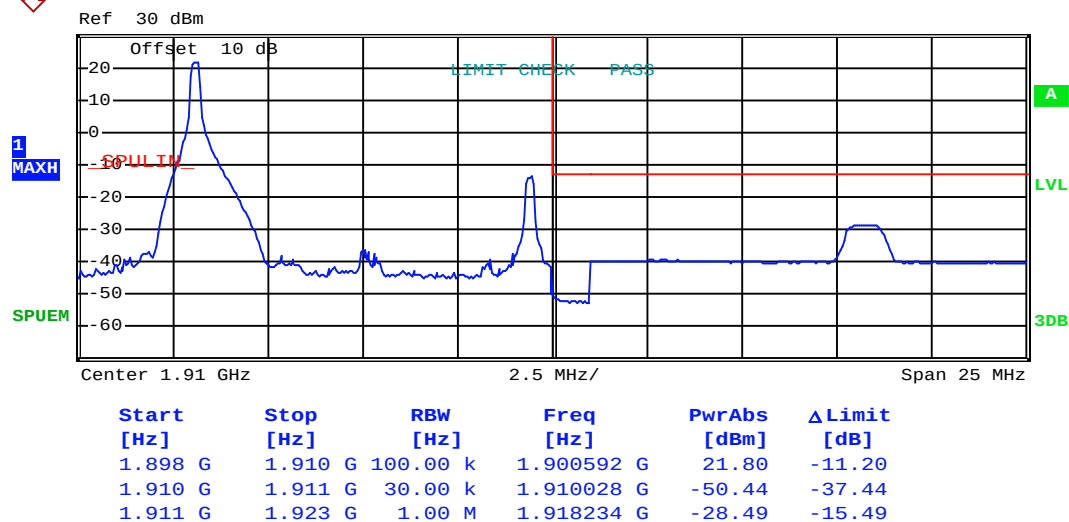
Highest channel

10MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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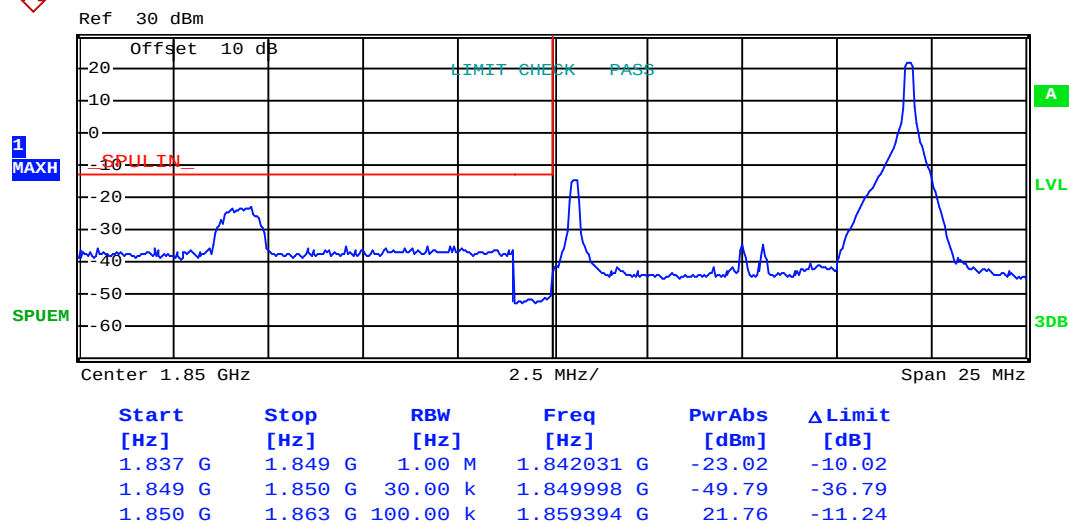


Lowest channel

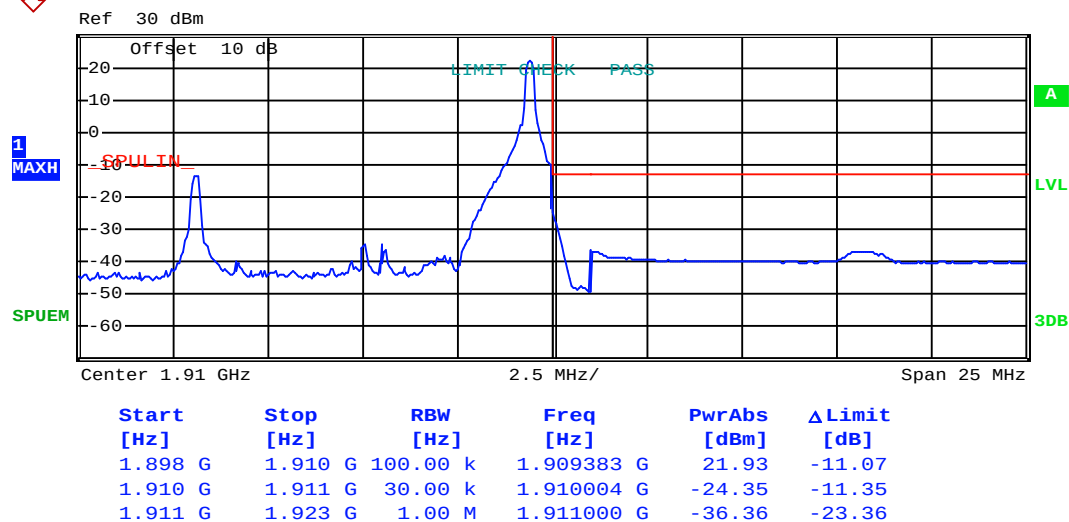


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 49)
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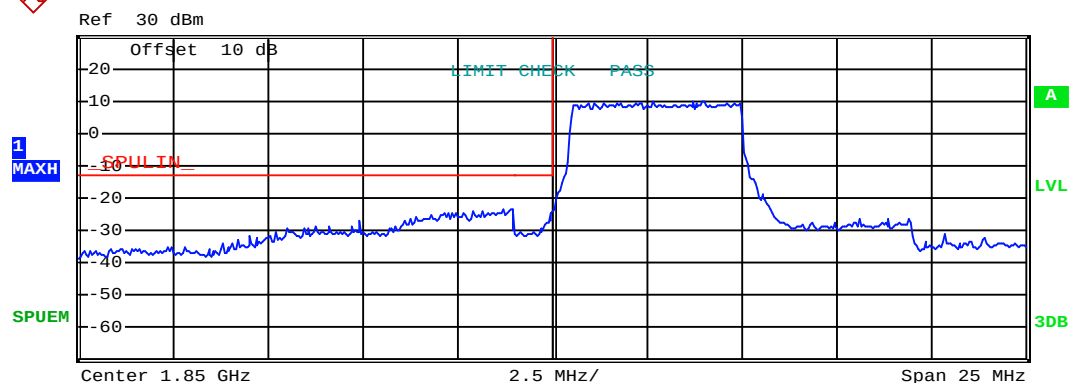
Lowest channel



Highest channel

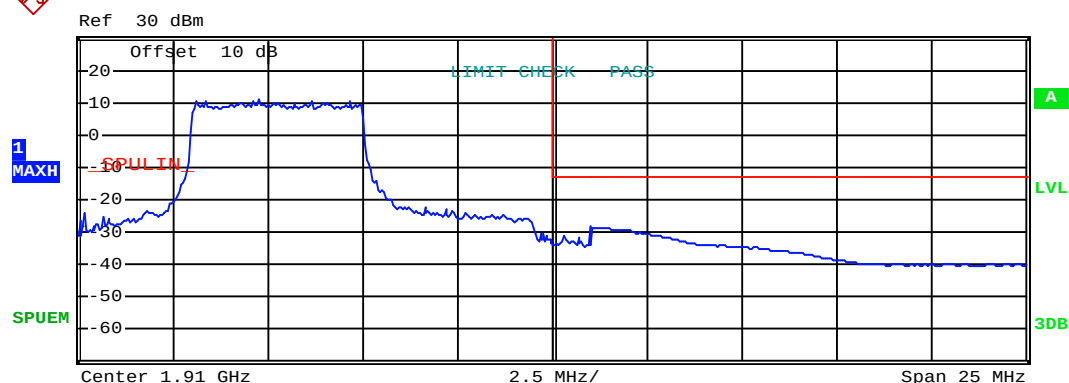
Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848885 G	-23.23	-10.23
1.849 G	1.850 G	100.00 k	1.849972 G	-24.57	-11.57
1.850 G	1.863 G	100.00 k	1.853687 G	10.05	-22.95

Lowest channel

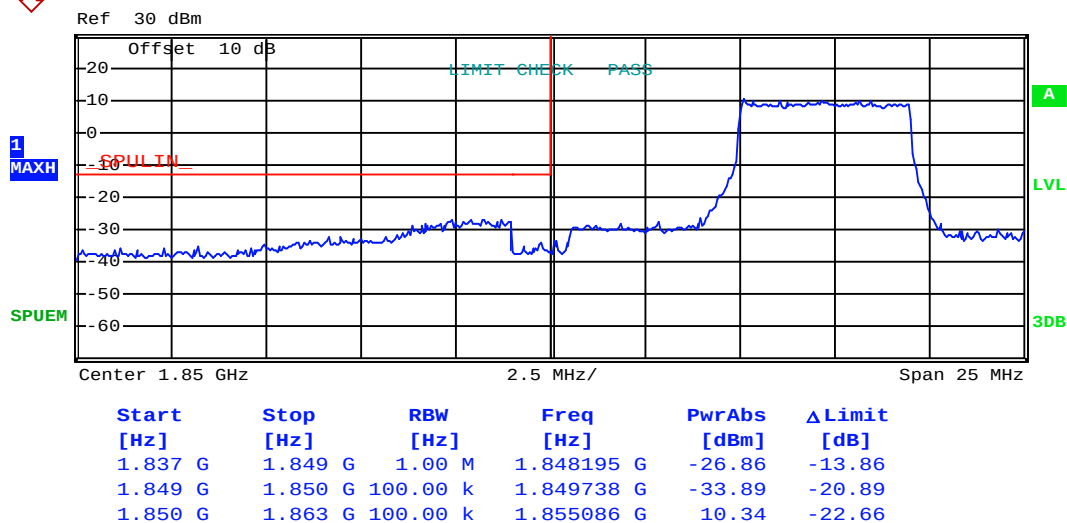


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.902231 G	10.85	-22.15
1.910 G	1.911 G	100.00 k	1.910312 G	-31.18	-18.18
1.911 G	1.923 G	1.00 M	1.911000 G	-28.34	-15.34

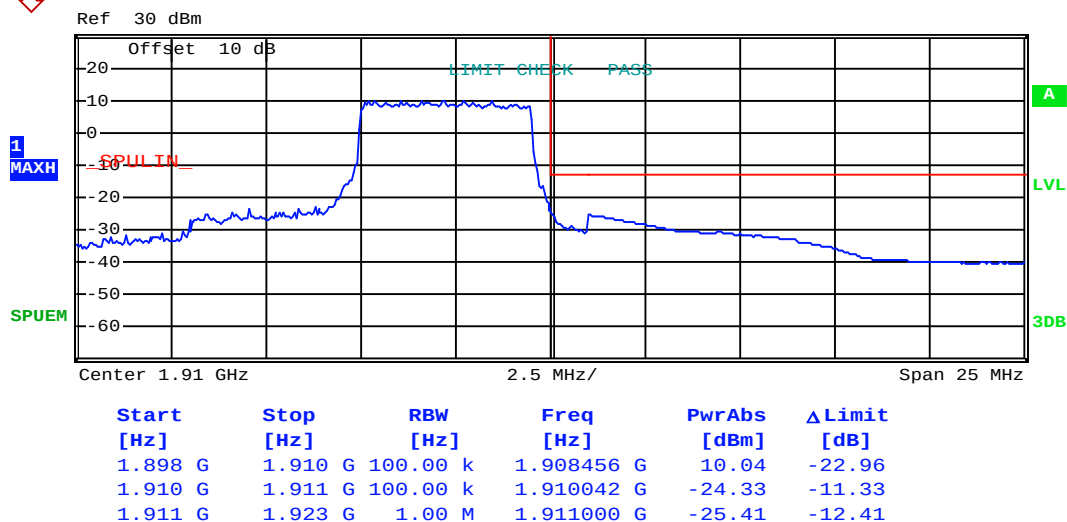
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 24)



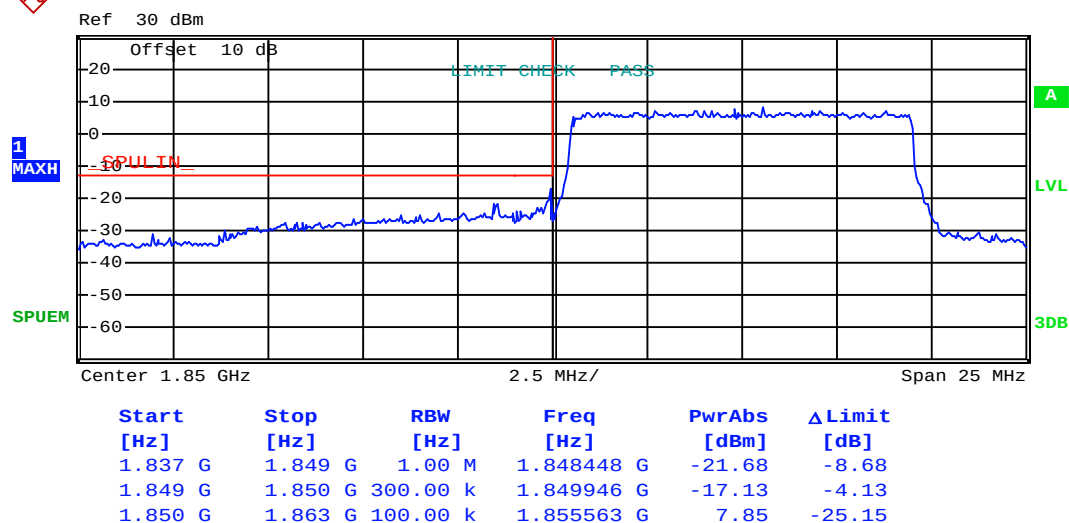
Lowest channel



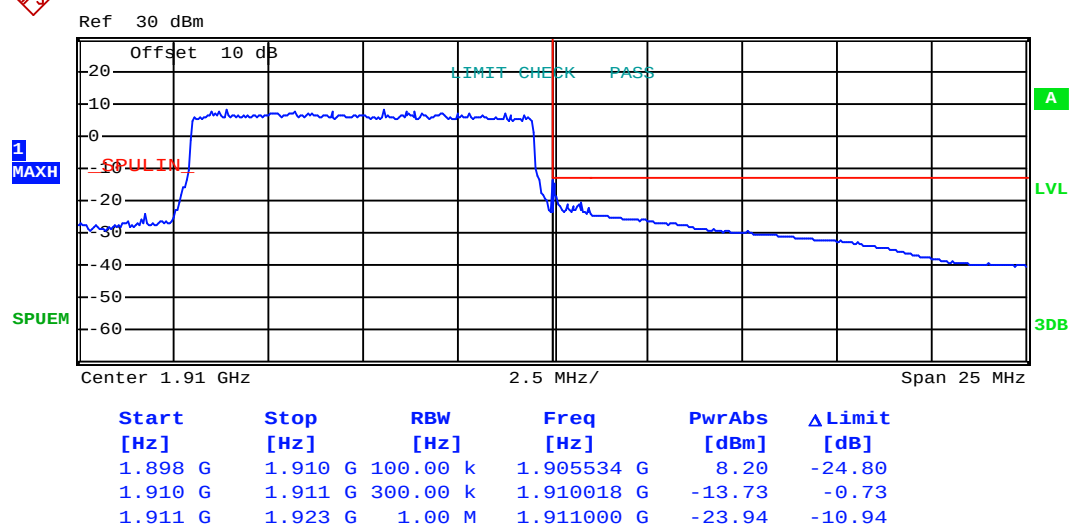
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 50 & RB Offset 0)



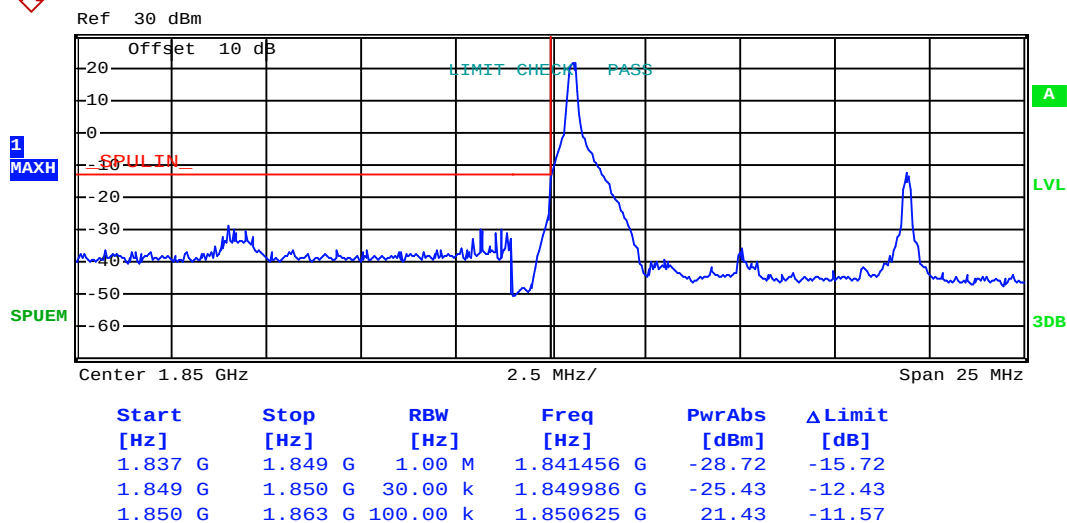
Lowest channel



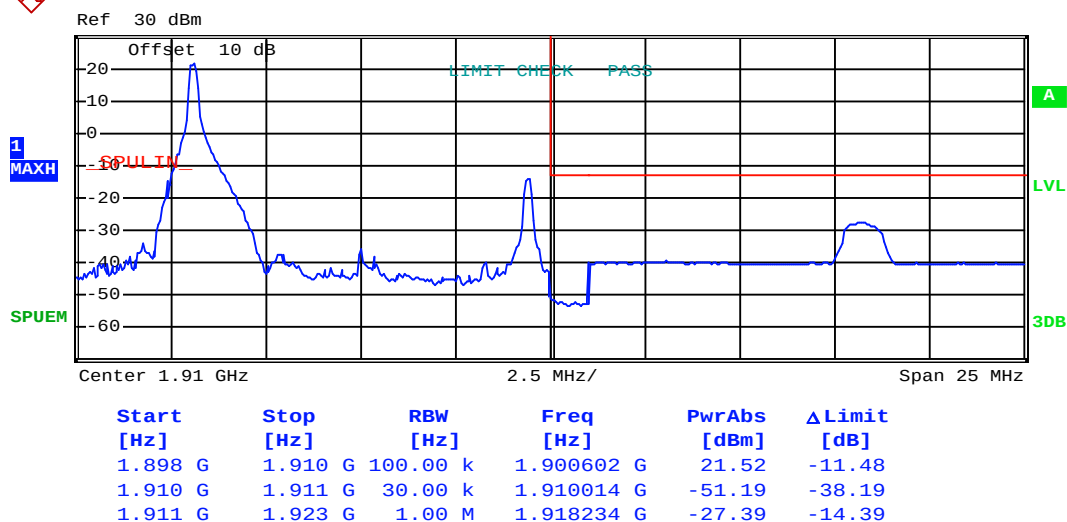
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



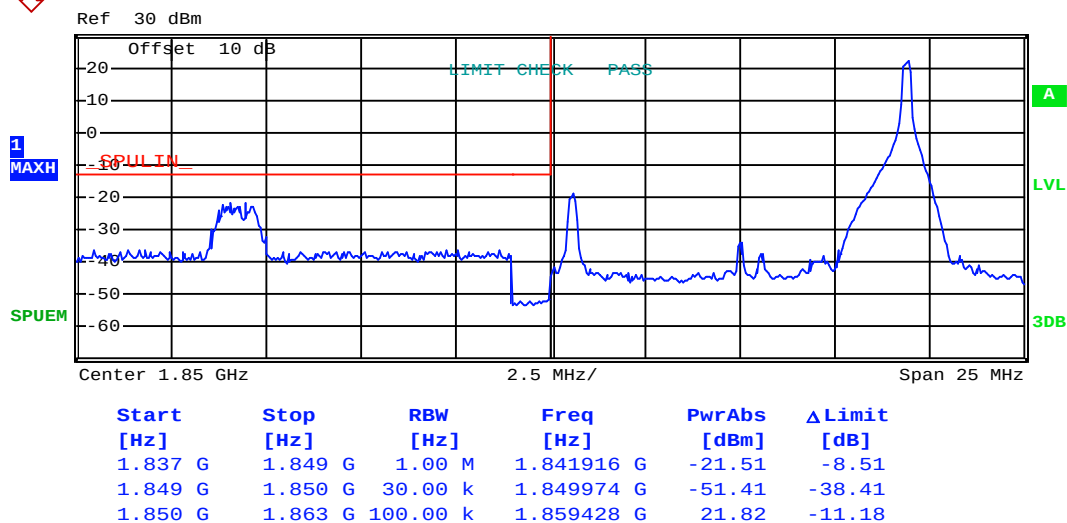
Lowest channel



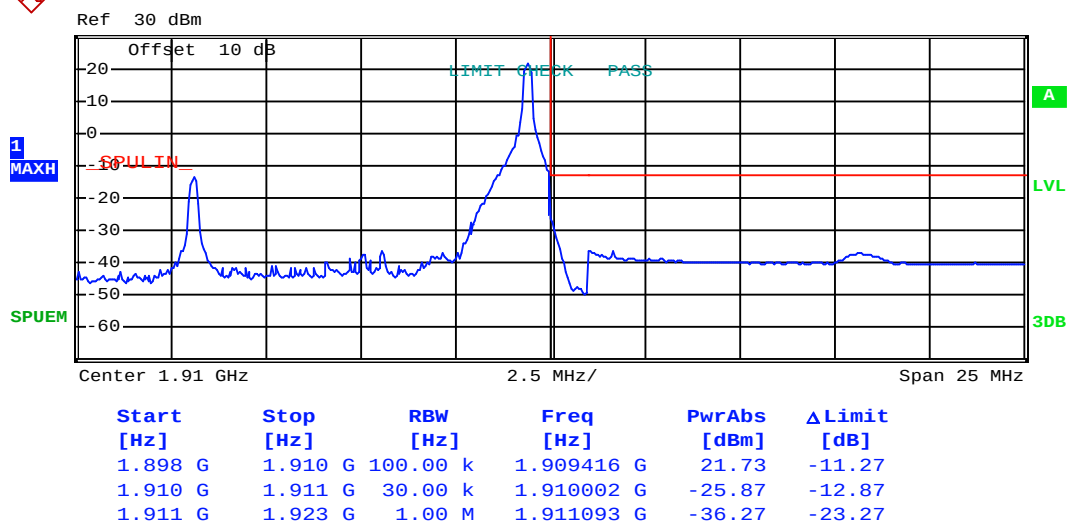
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 49)



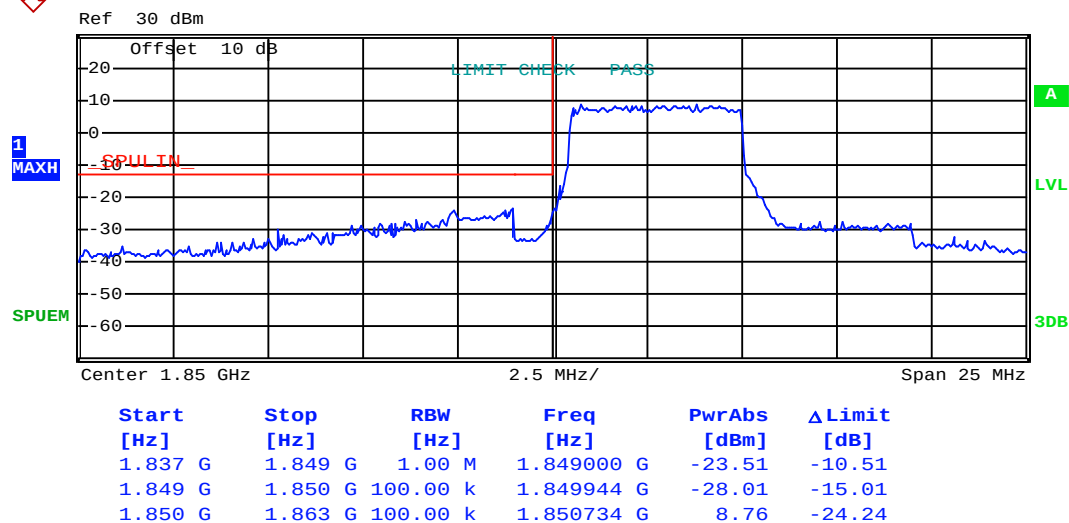
Lowest channel



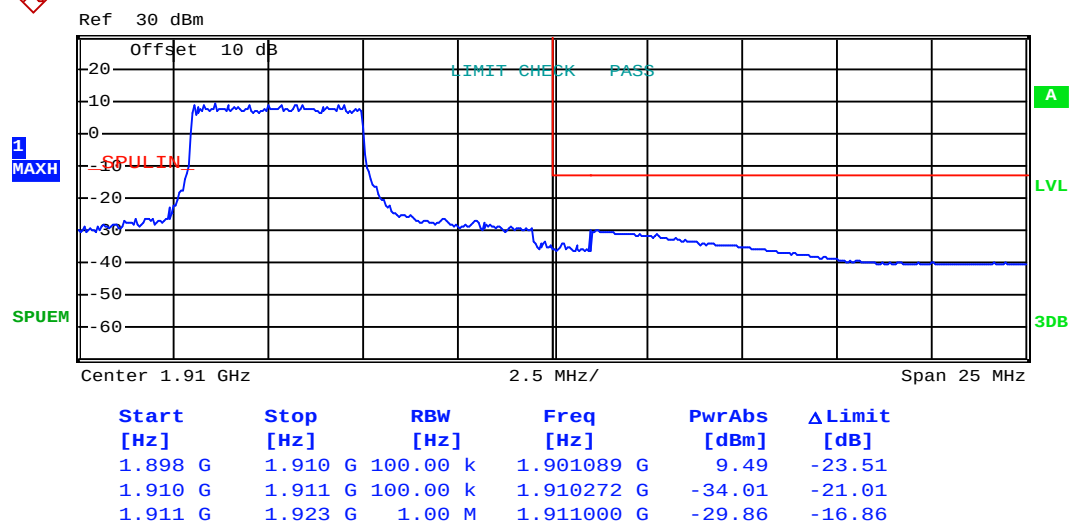
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 25 & RB Offset 0)

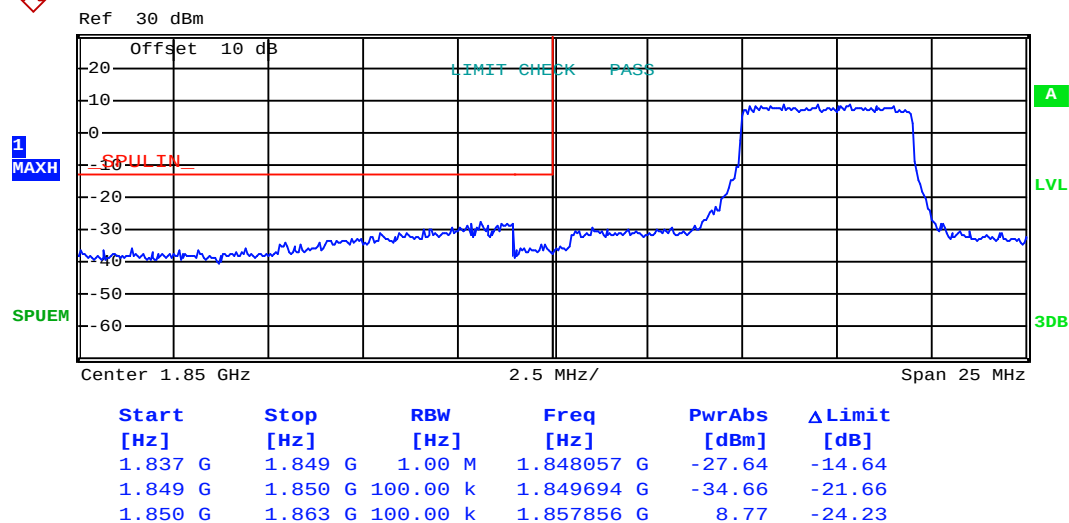


Lowest channel

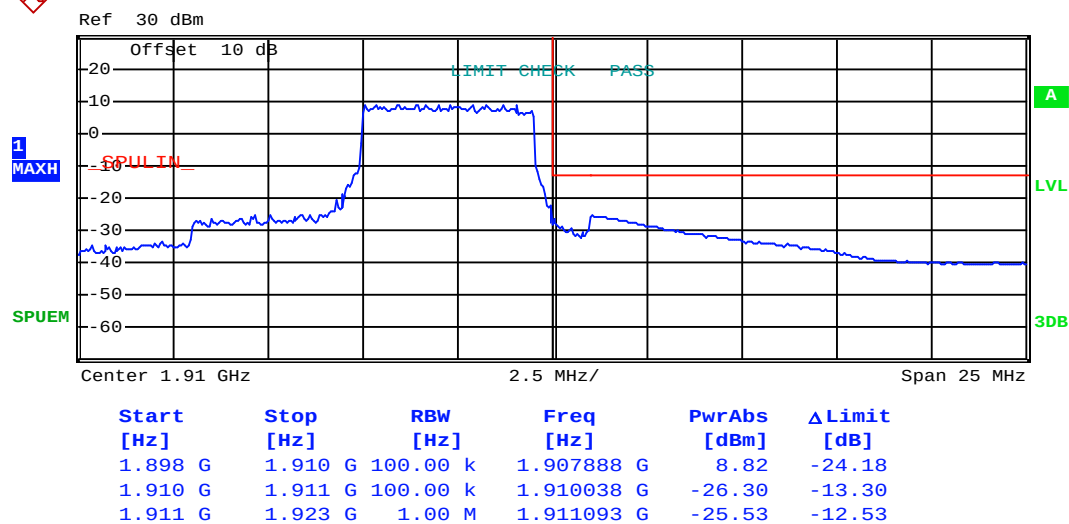


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 24)
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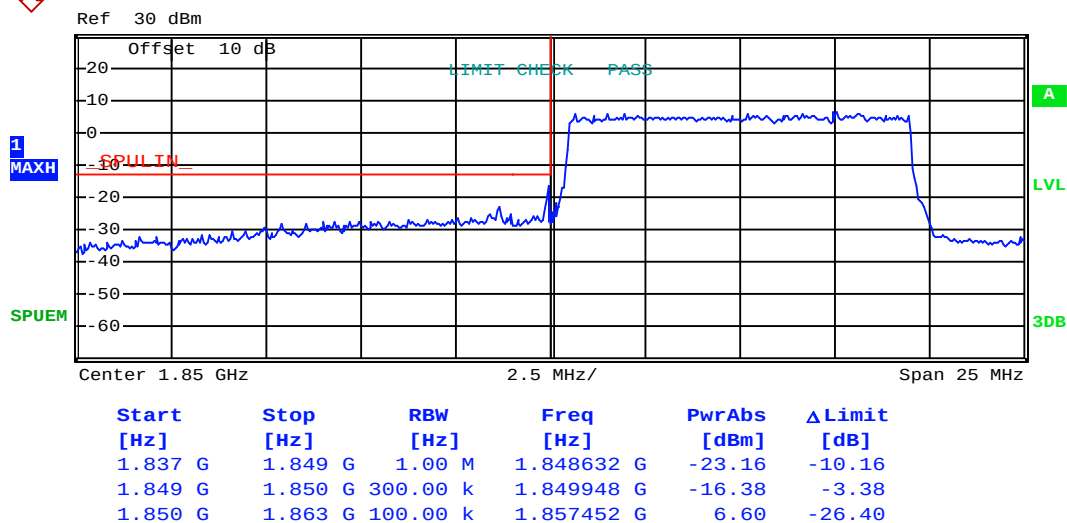
Lowest channel



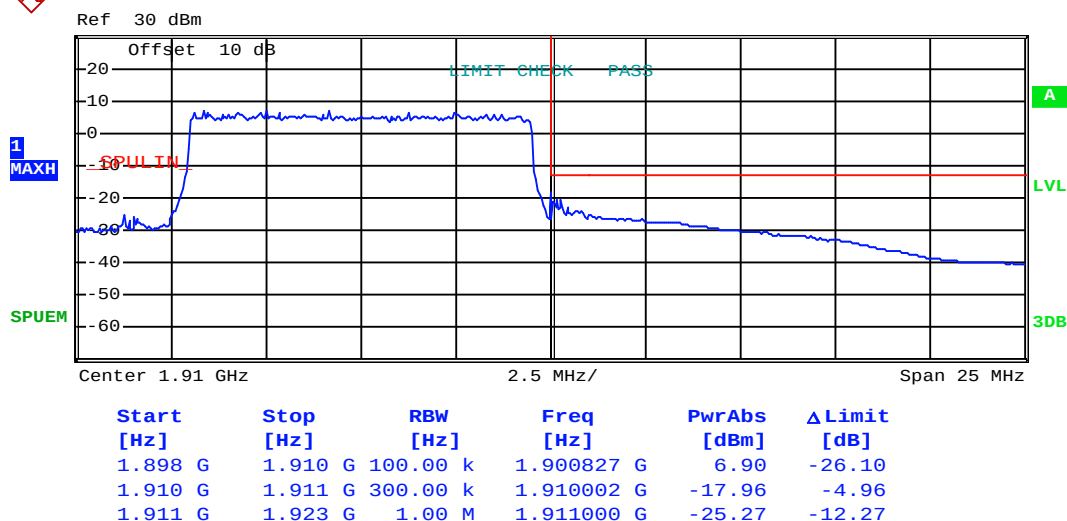
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 50 & RB Offset 0)



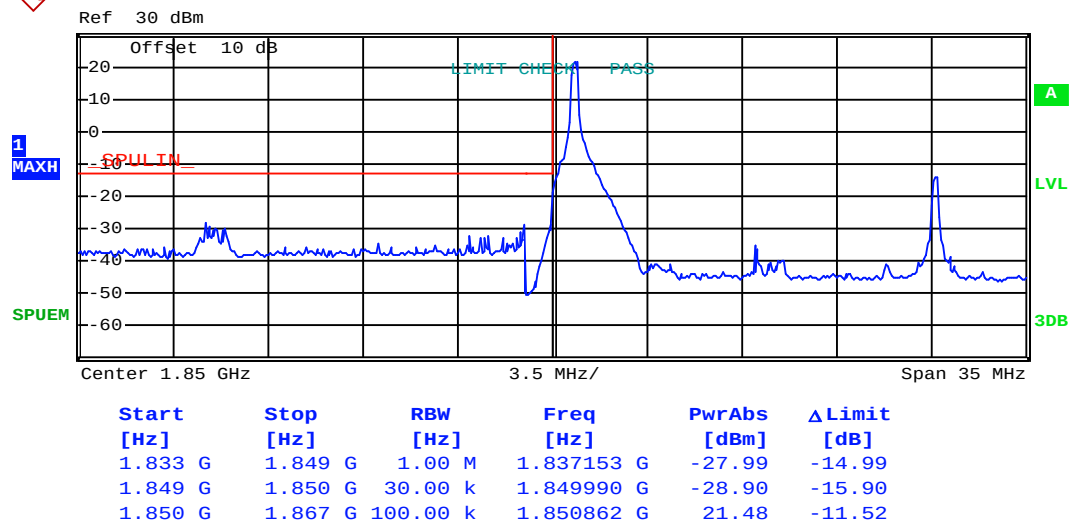
Lowest channel



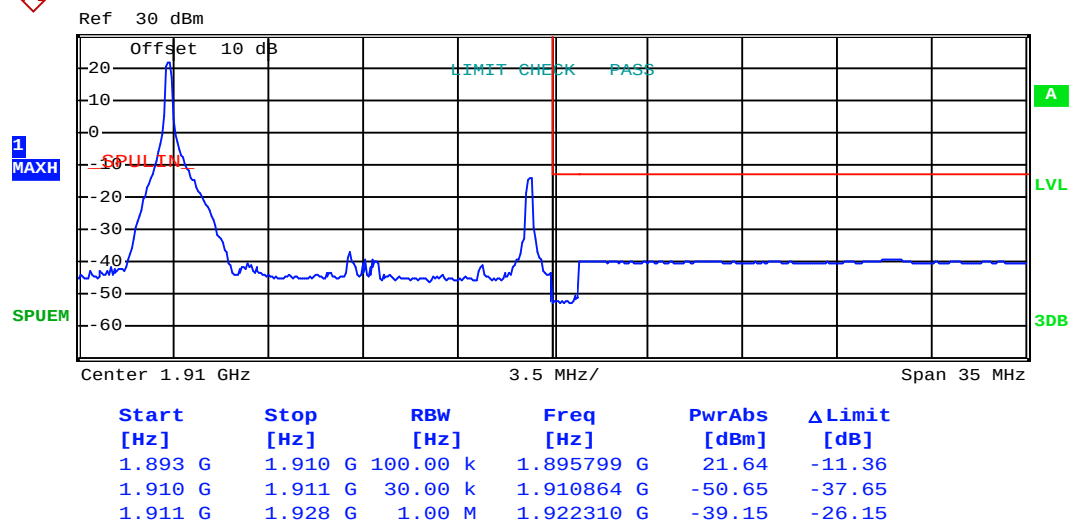
Highest channel

15MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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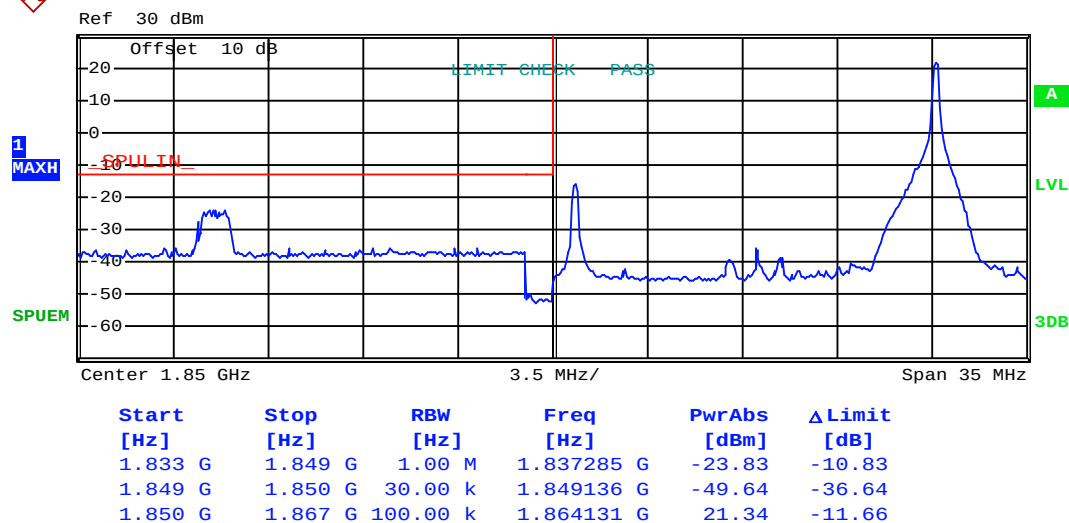


Lowest channel

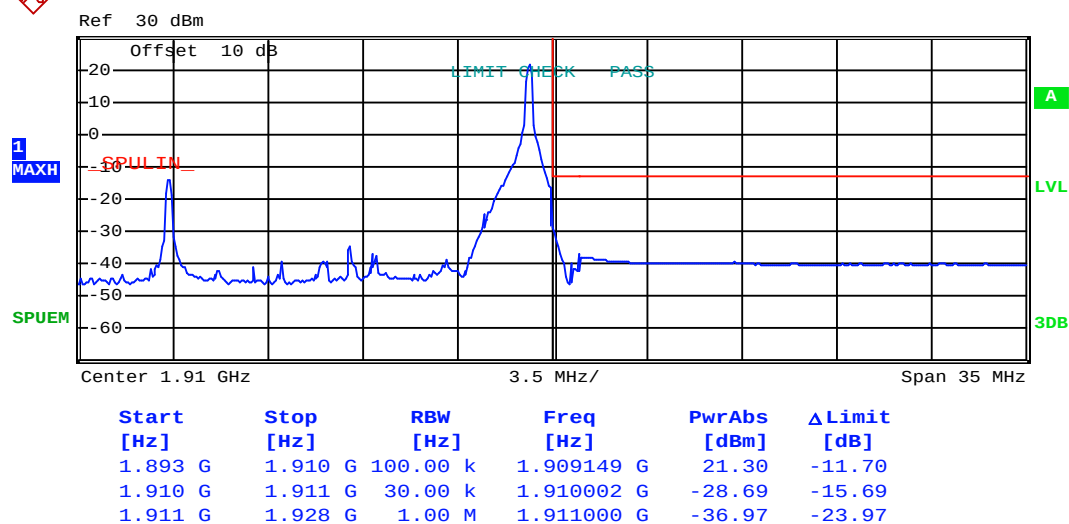


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 74)
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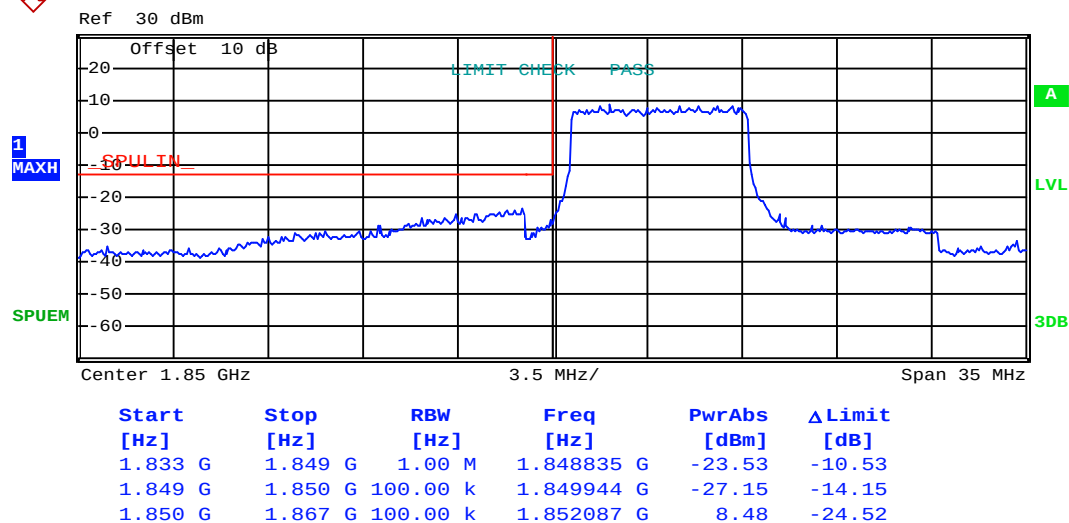


Lowest channel

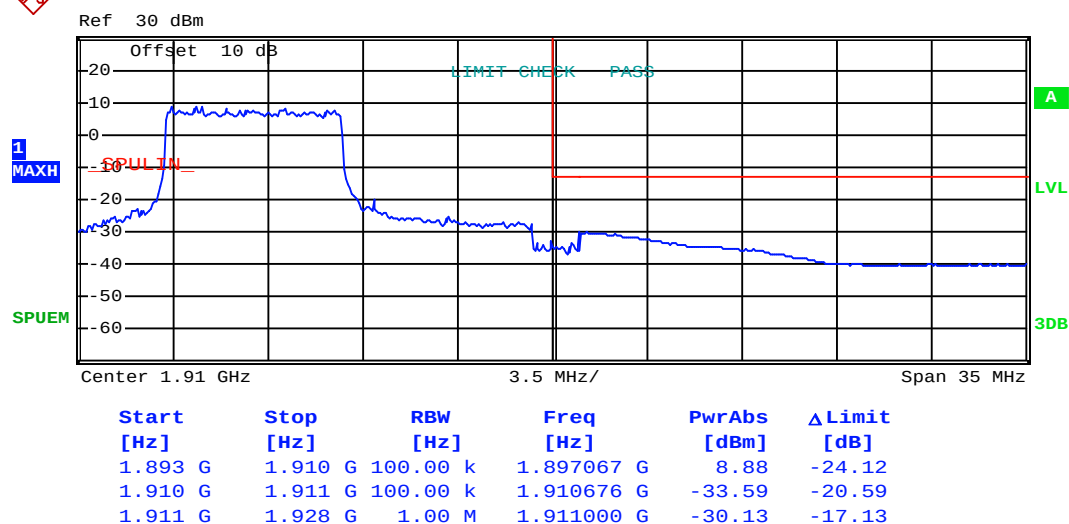


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 36 & RB Offset 0)
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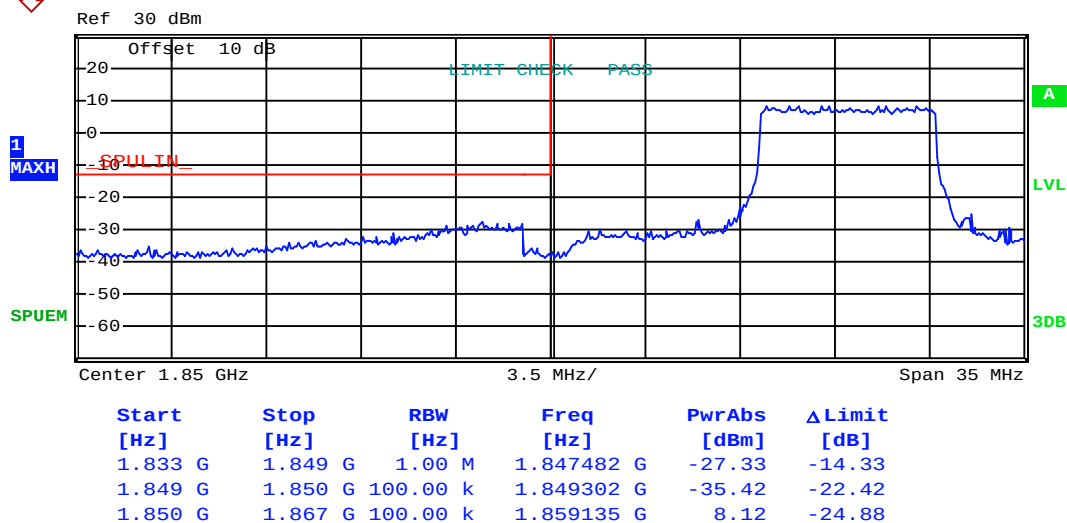
Lowest channel



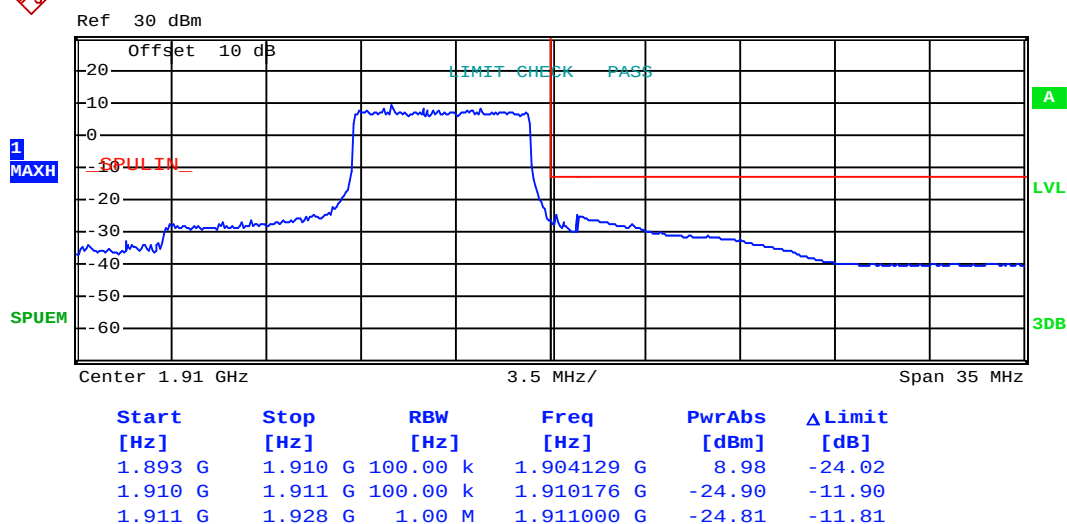
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 36 & RB Offset 35)

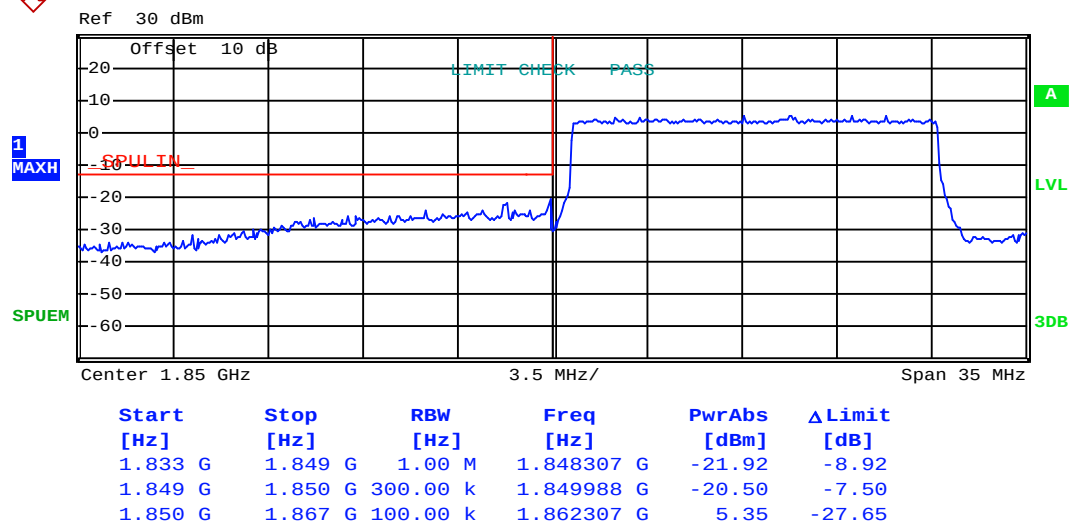


Lowest channel

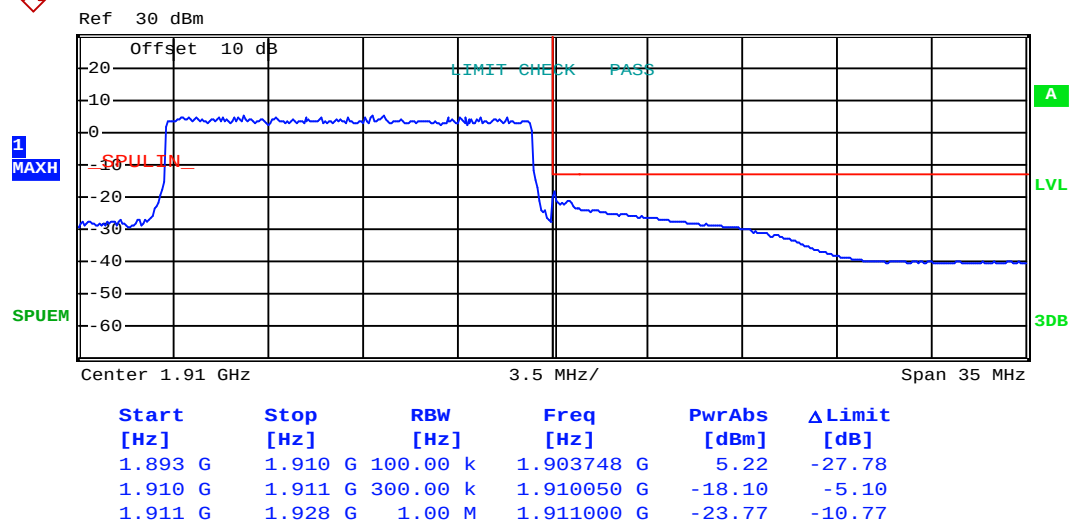


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 75 & RB Offset 0)
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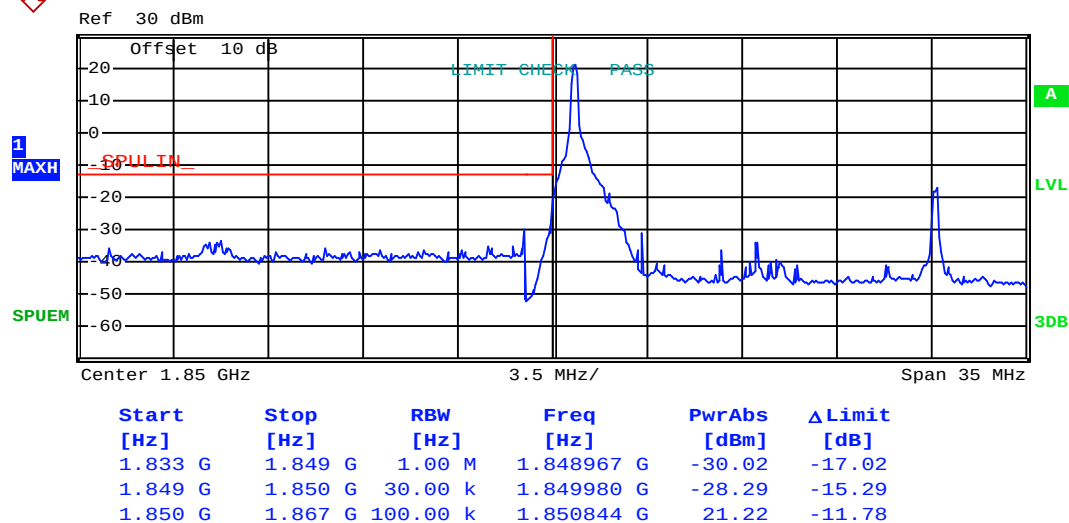


Lowest channel

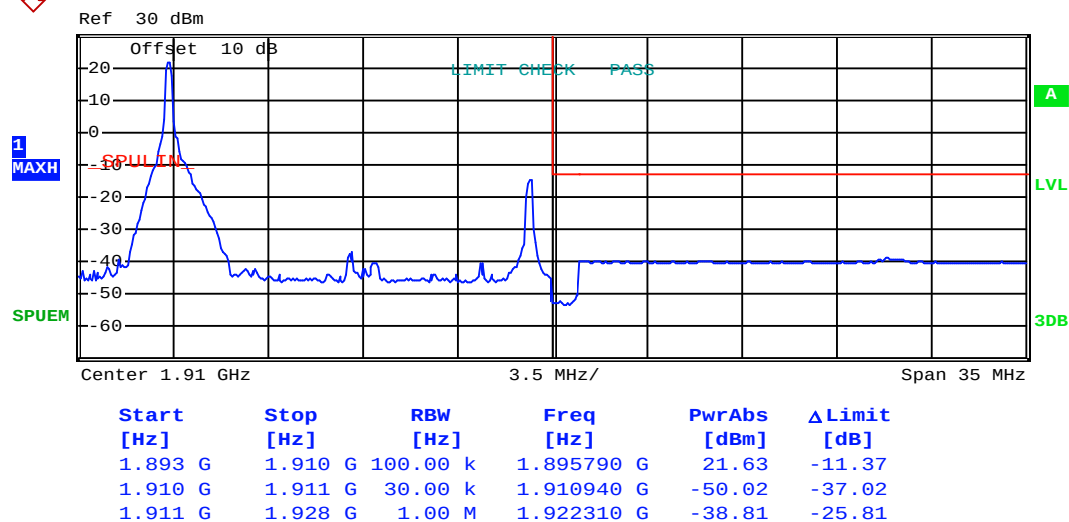


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)
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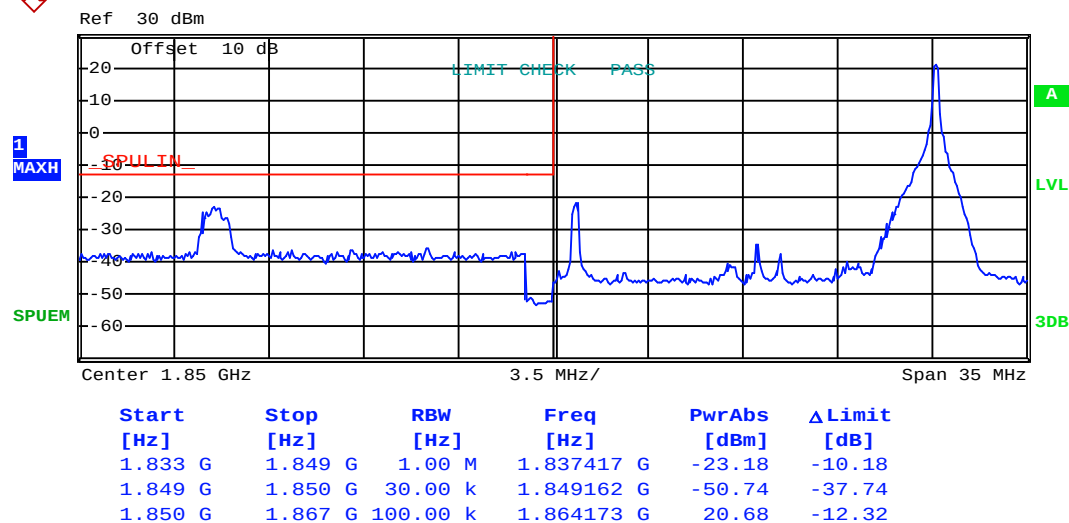


Lowest channel

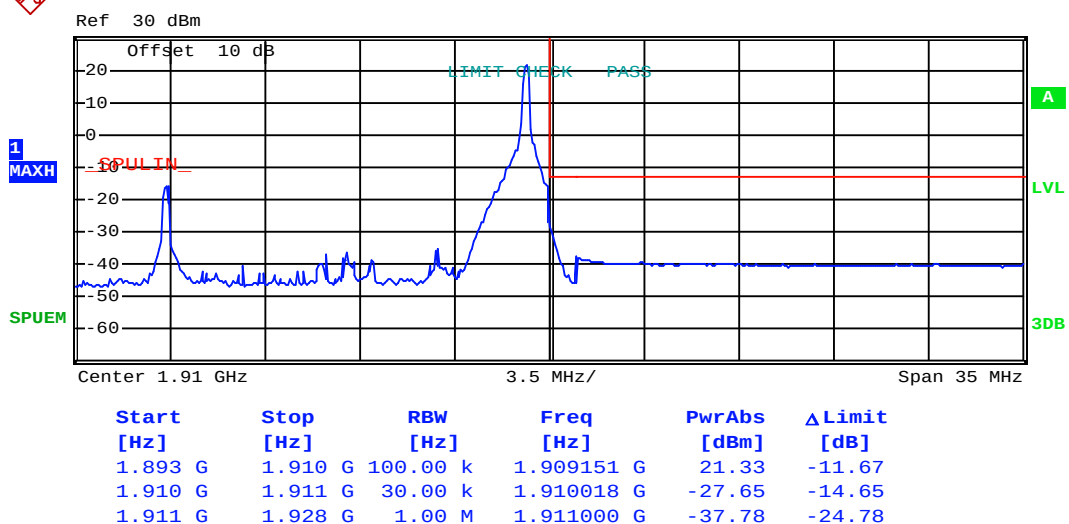


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 74)
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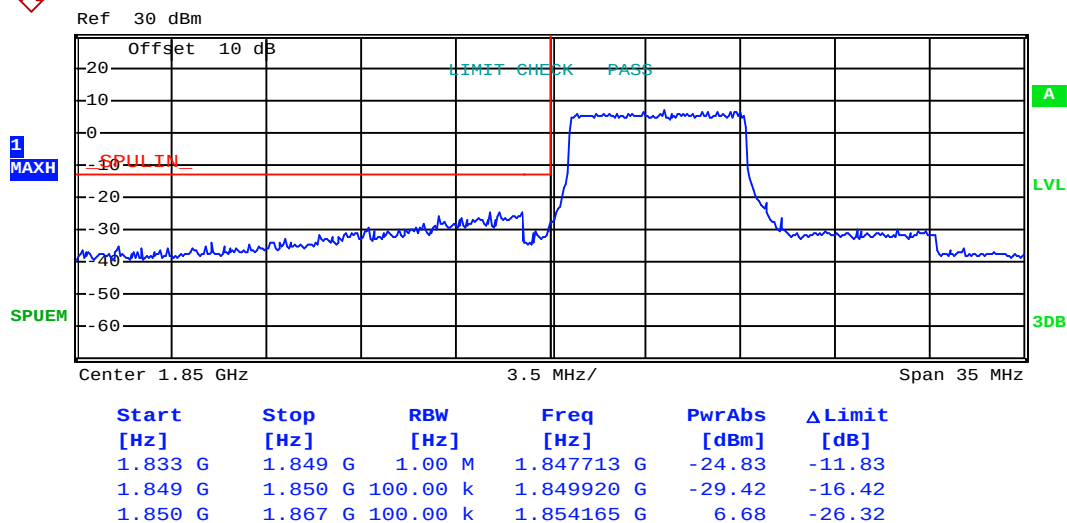
Lowest channel



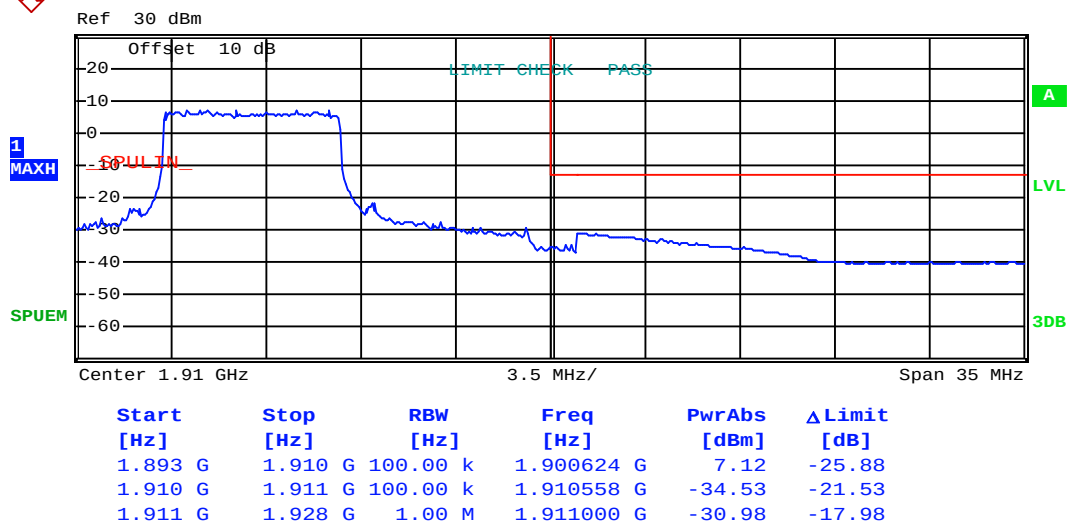
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 36 & RB Offset 0)



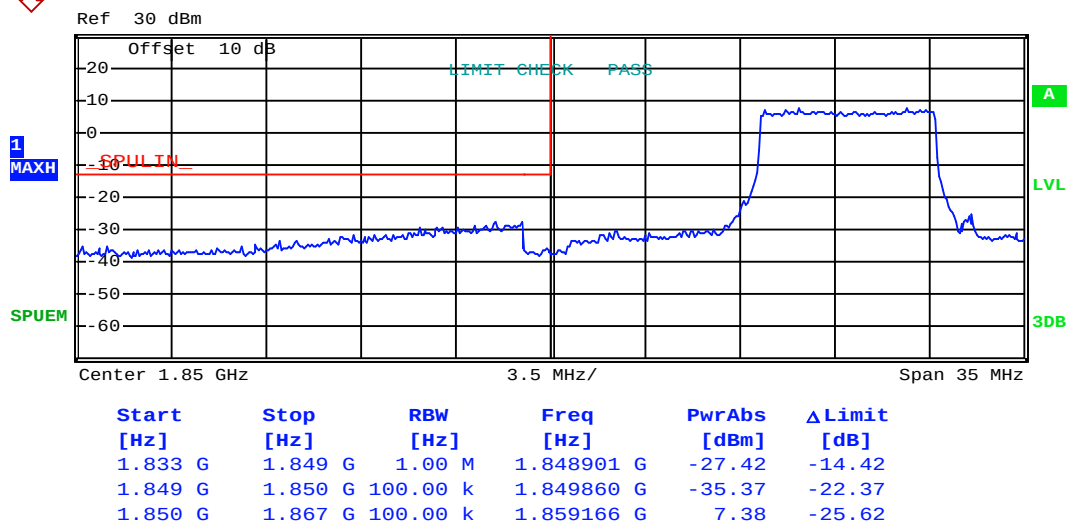
Lowest channel



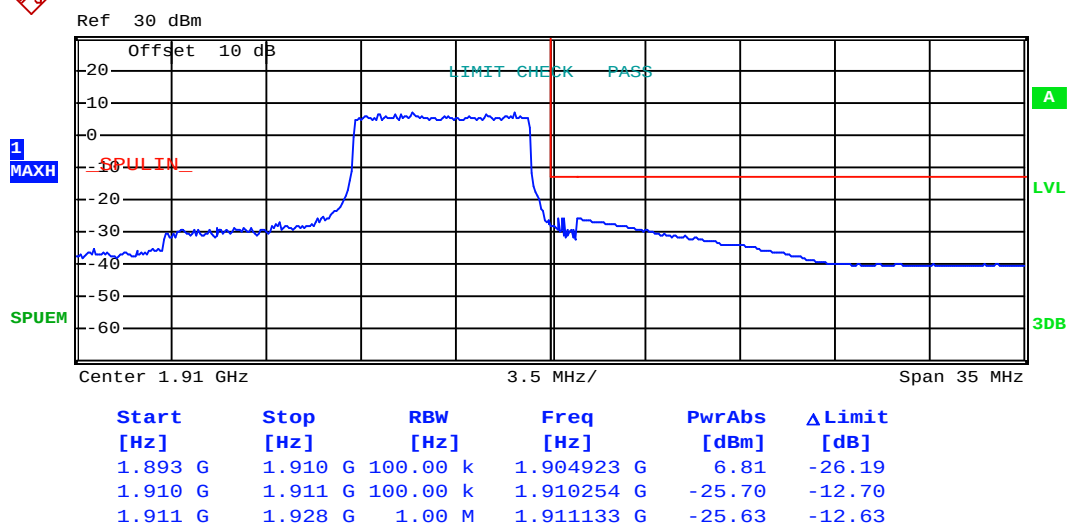
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 36 & RB Offset 35)



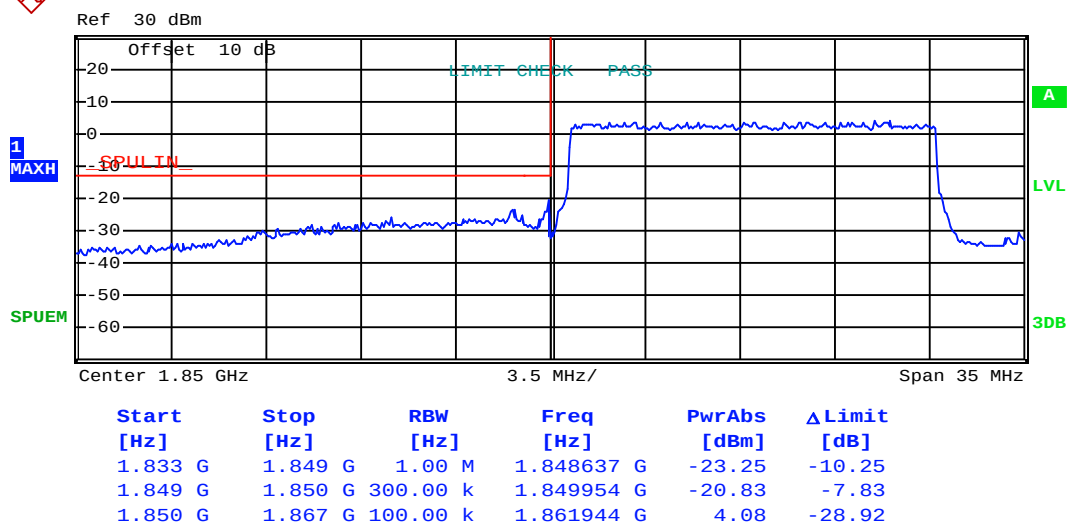
Lowest channel



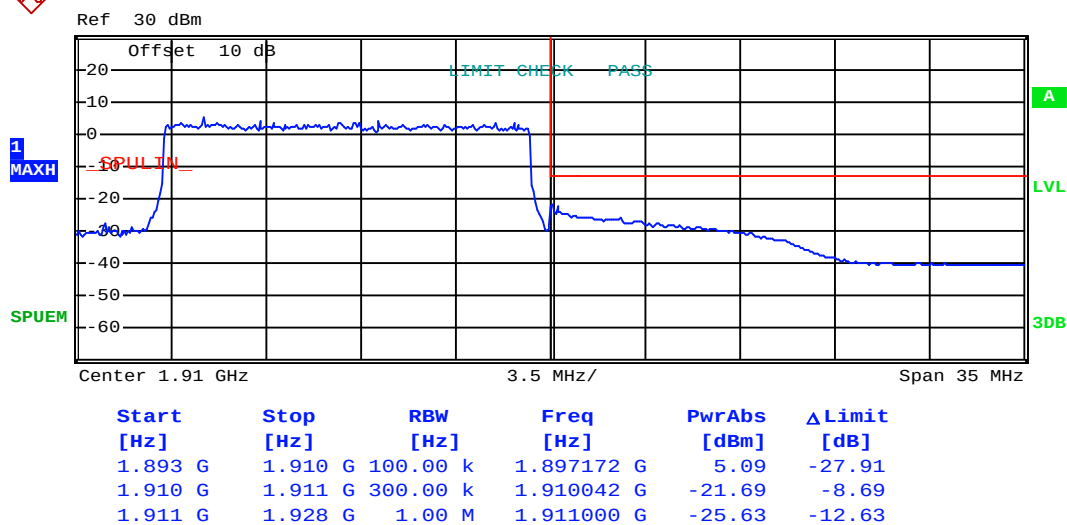
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 75 & RB Offset 0)



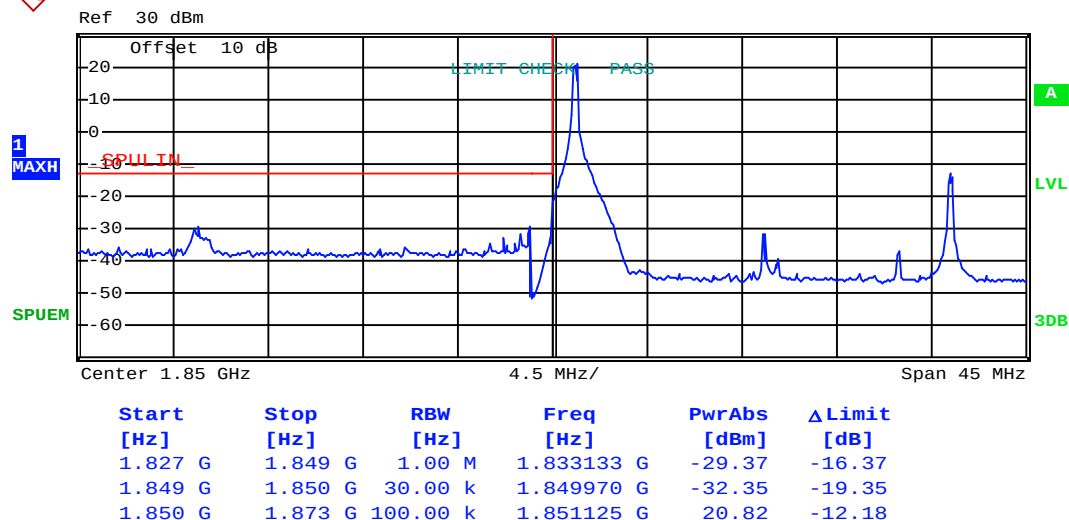
Lowest channel



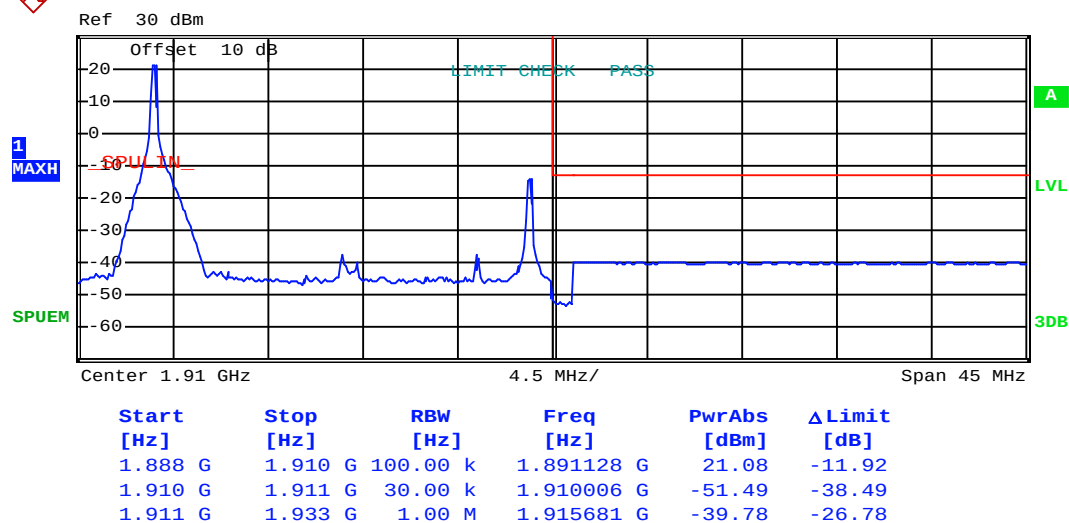
Highest channel

20MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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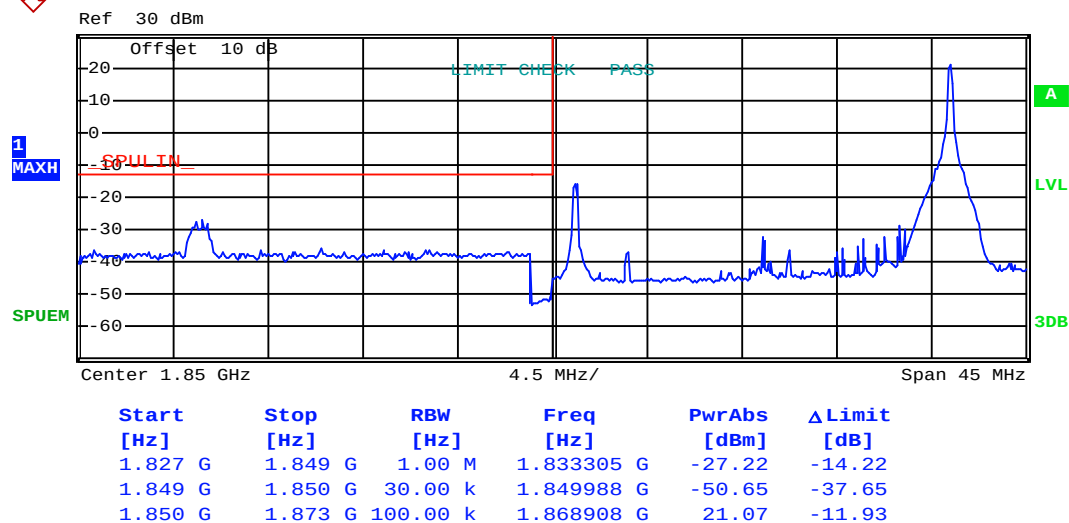
Lowest channel



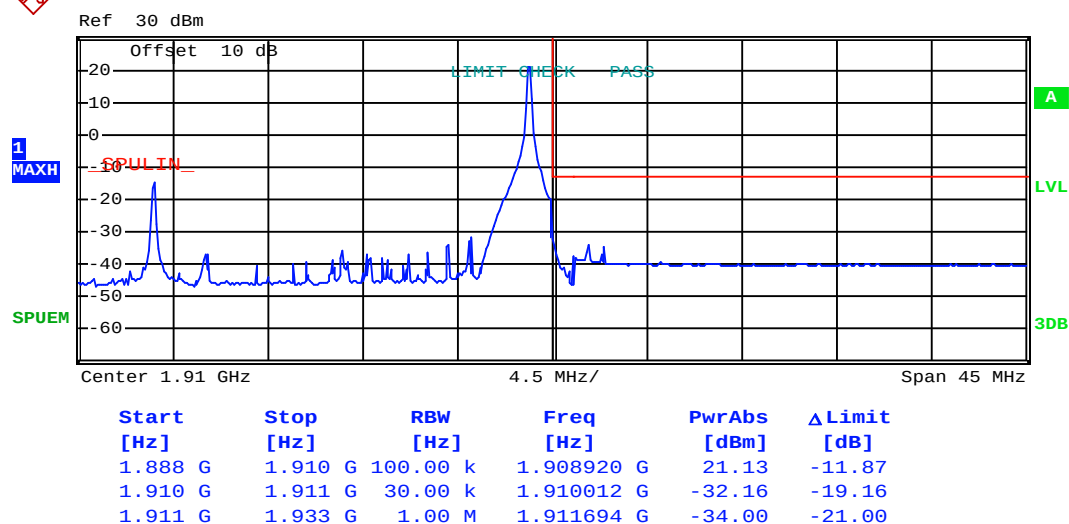
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 99)

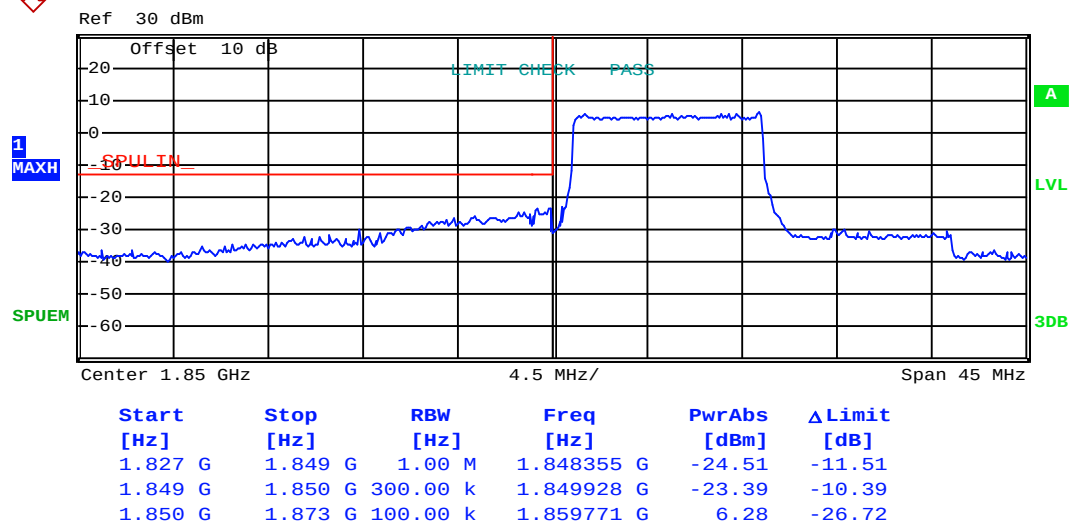


Lowest channel

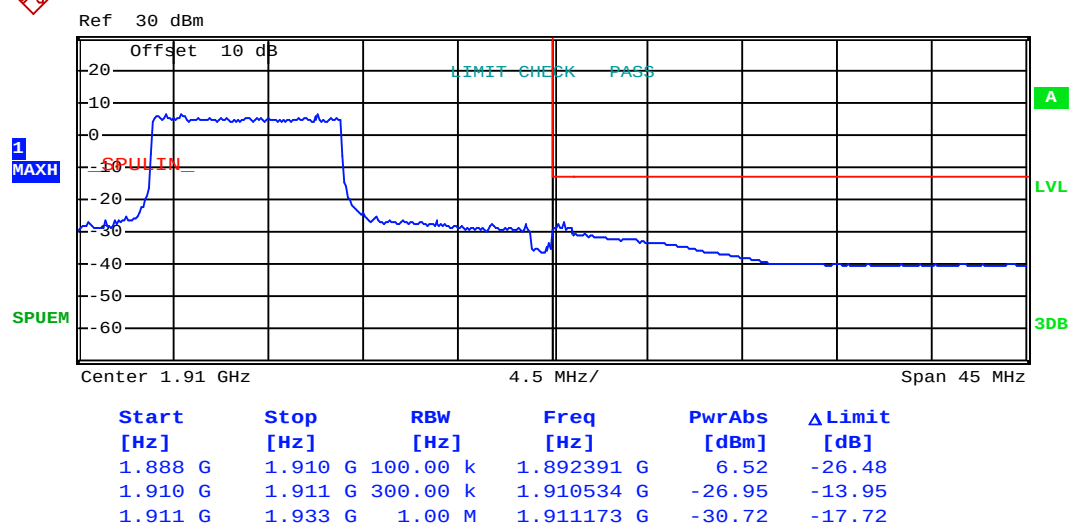


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 50 & RB Offset 0)
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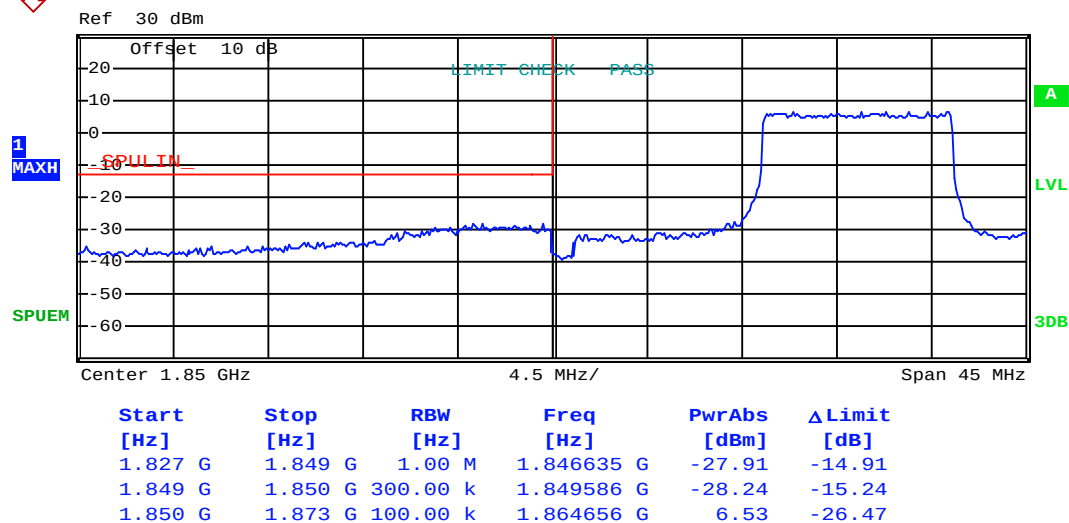


Lowest channel

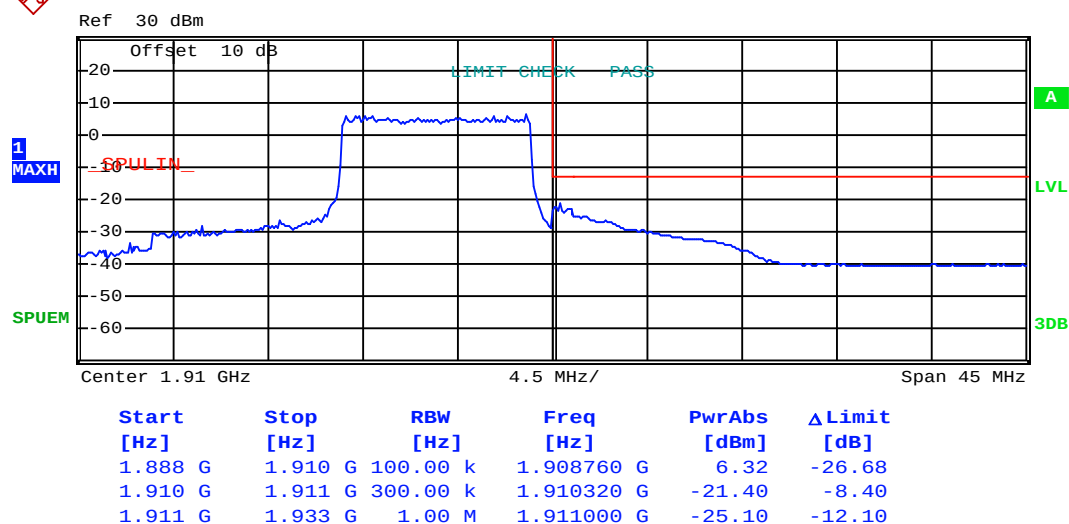


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 50 & RB Offset 49)
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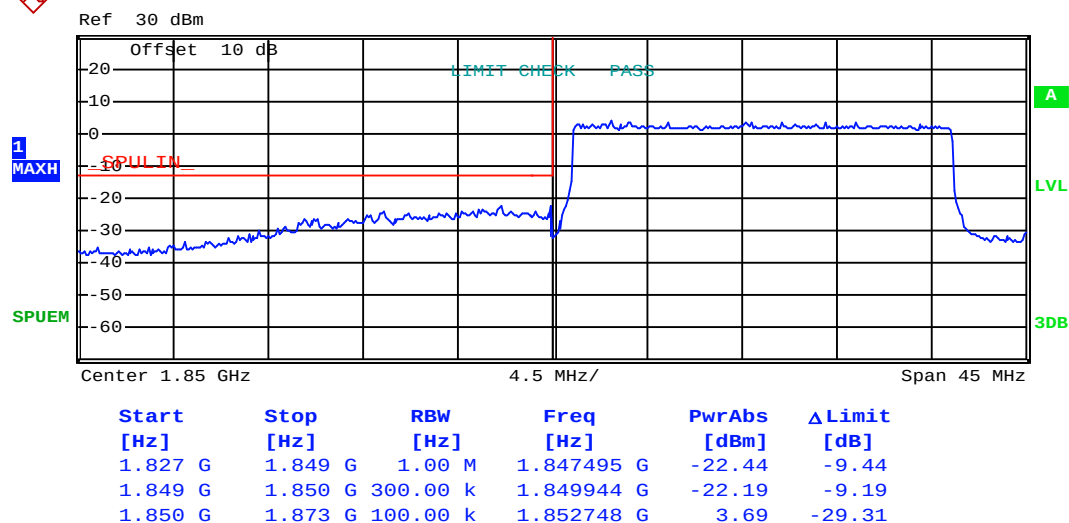
Lowest channel



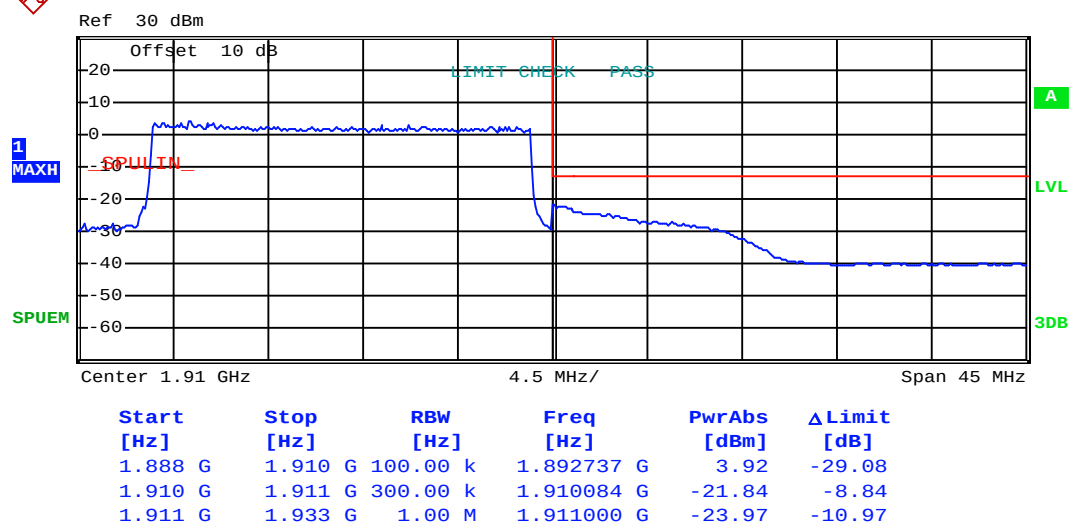
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 100 & RB Offset 0)

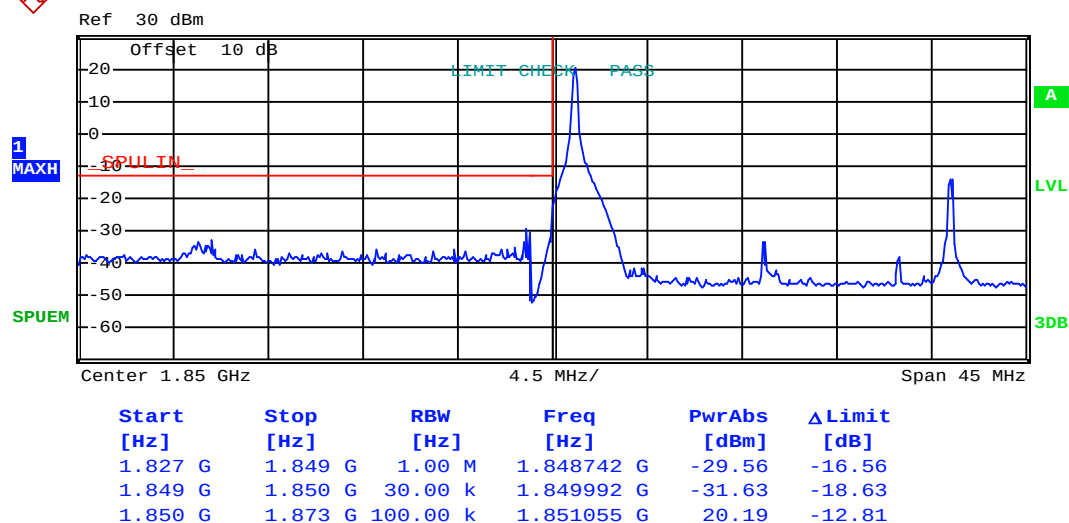


Lowest channel

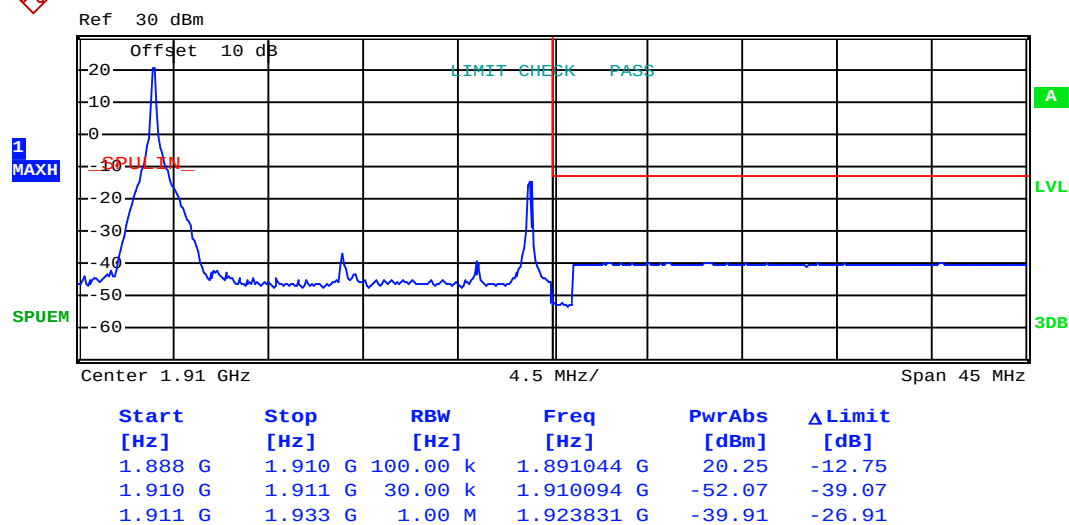


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)
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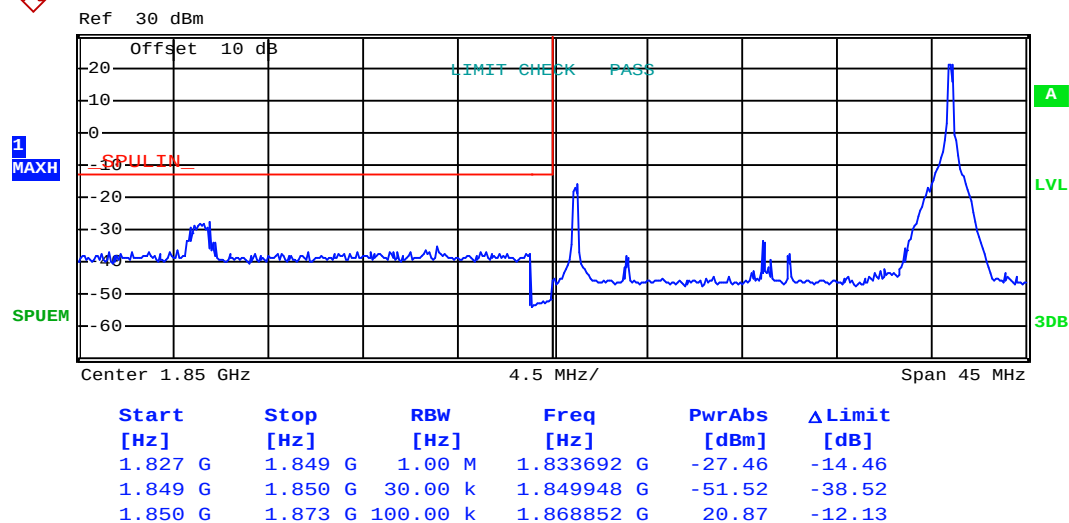
Lowest channel



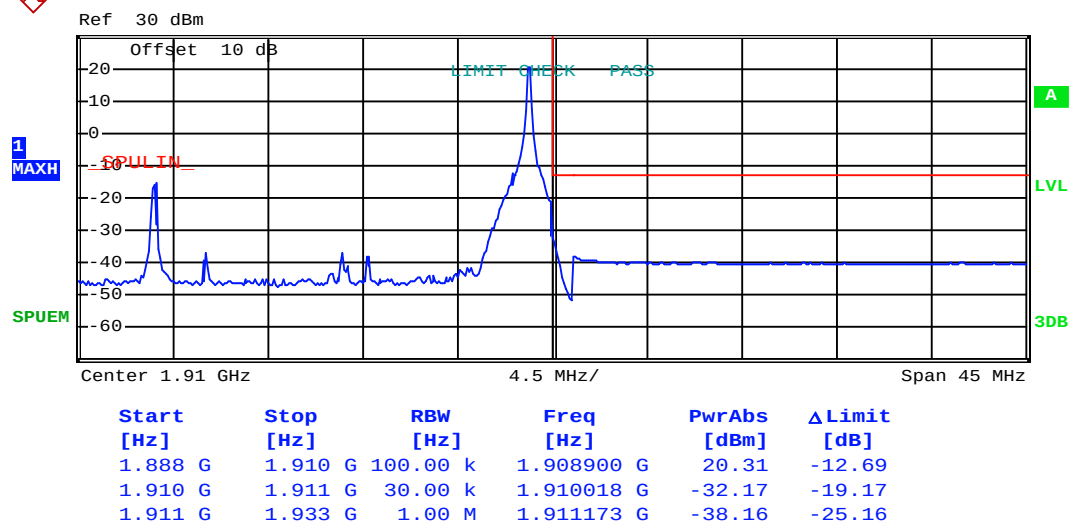
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 99)

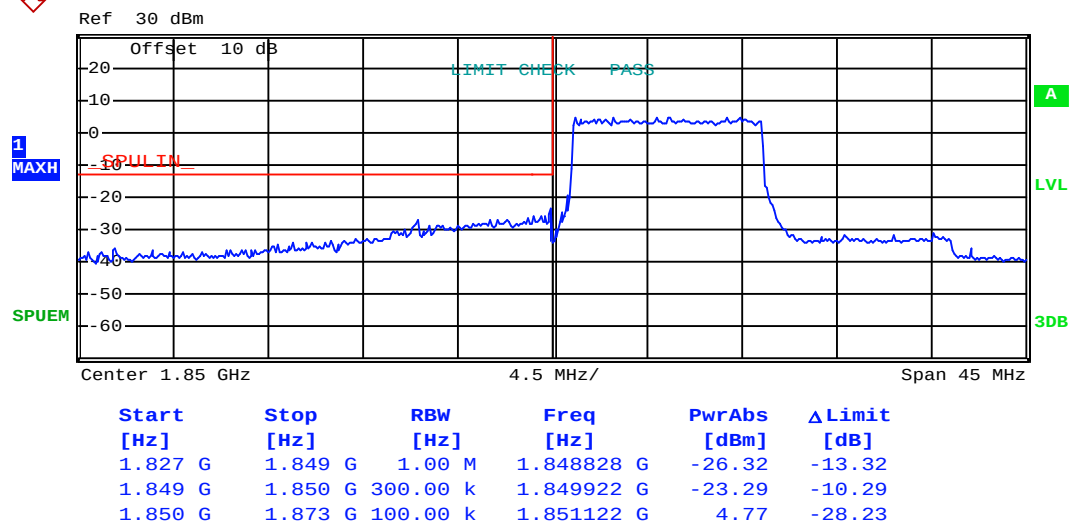


Lowest channel

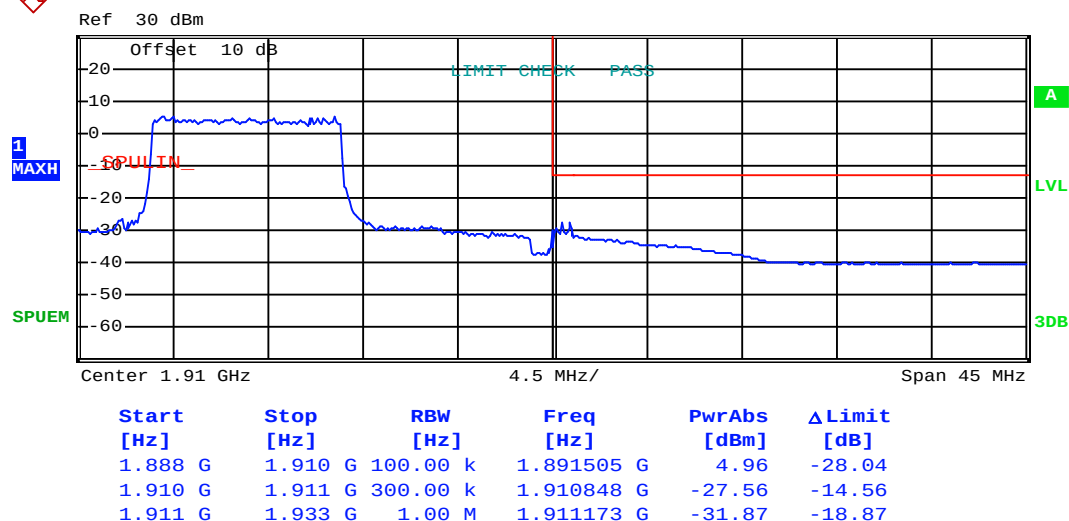


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 50 & RB Offset 0)
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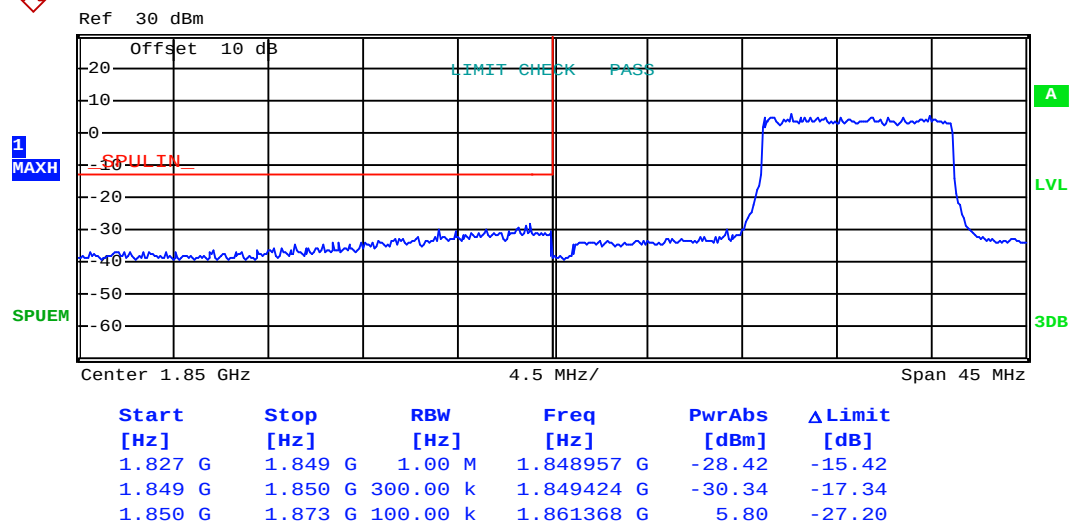


Lowest channel

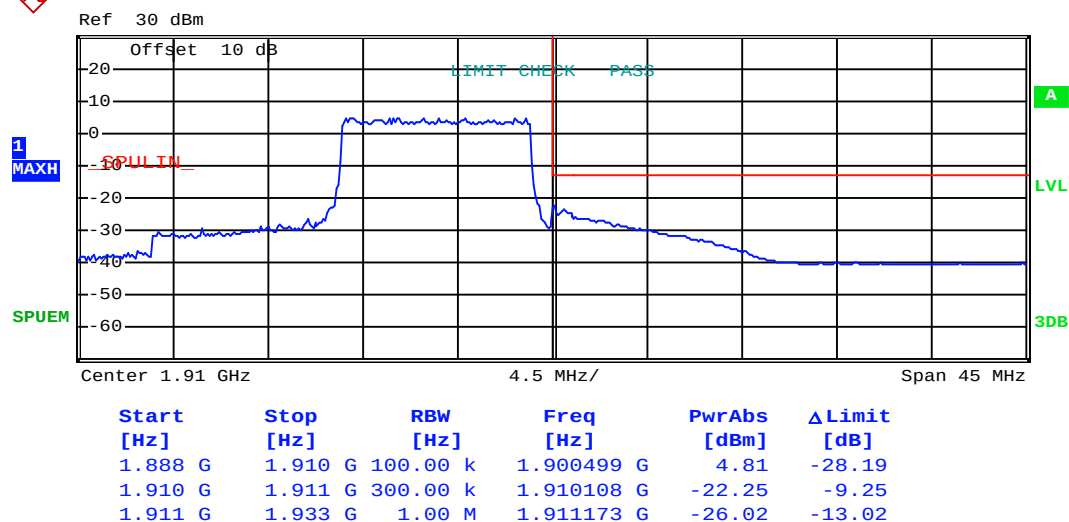


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 50 & RB Offset 49)
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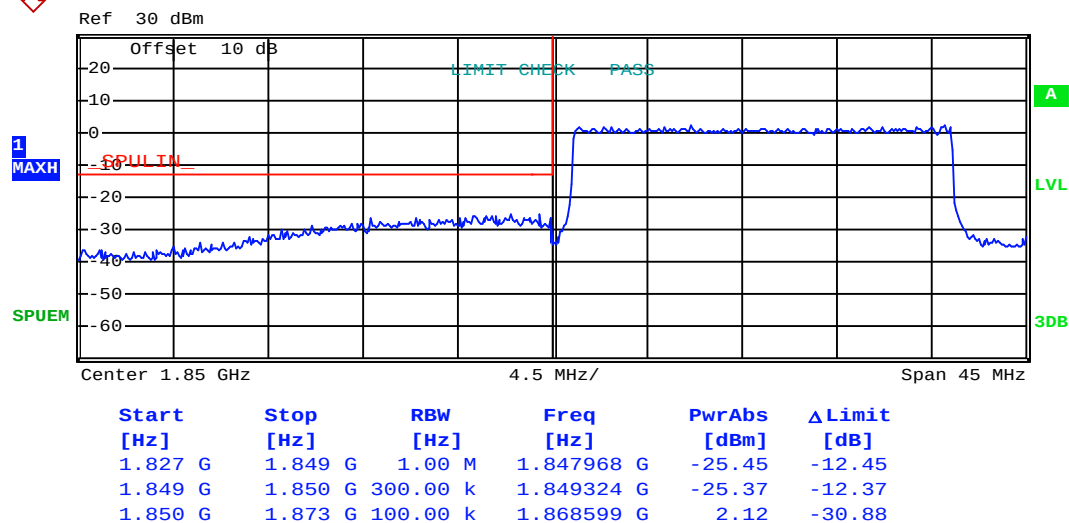


Lowest channel

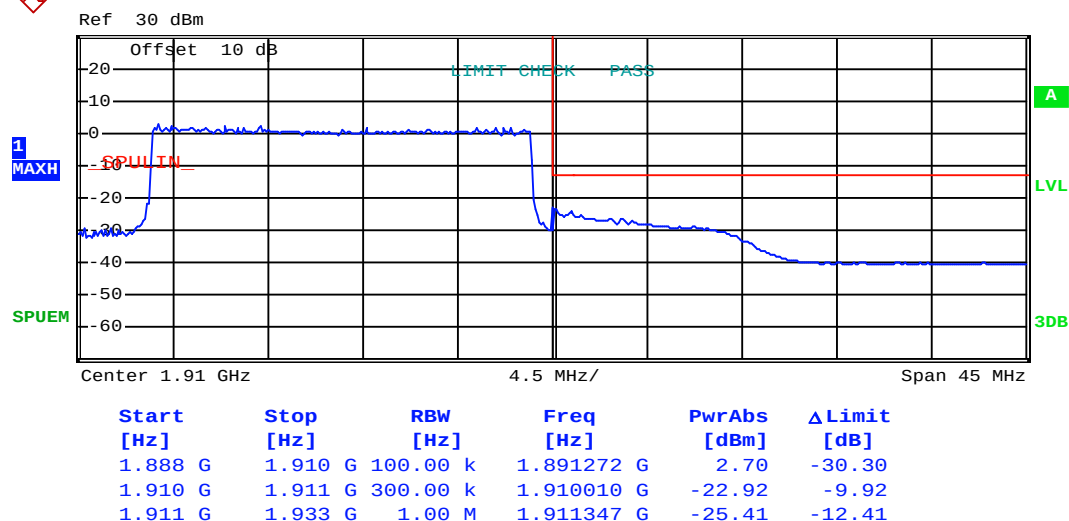


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 100 & RB Offset 0)
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Lowest channel

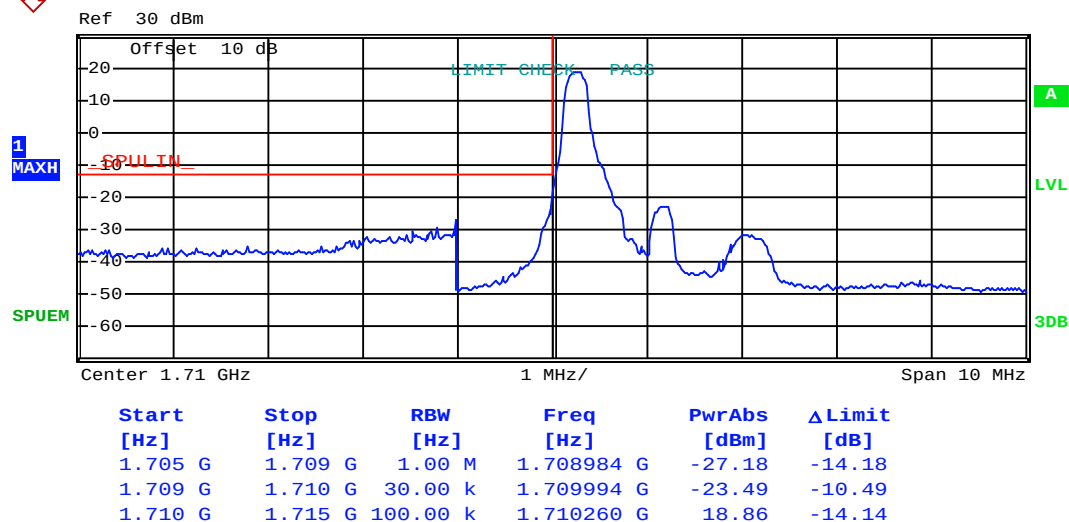


Highest channel

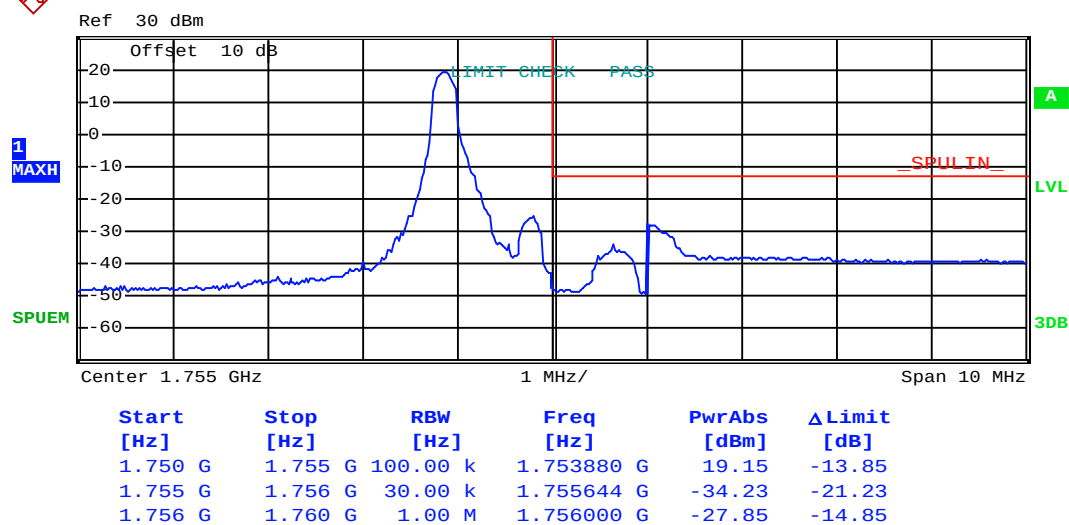
LTE band 4 part:

1.4MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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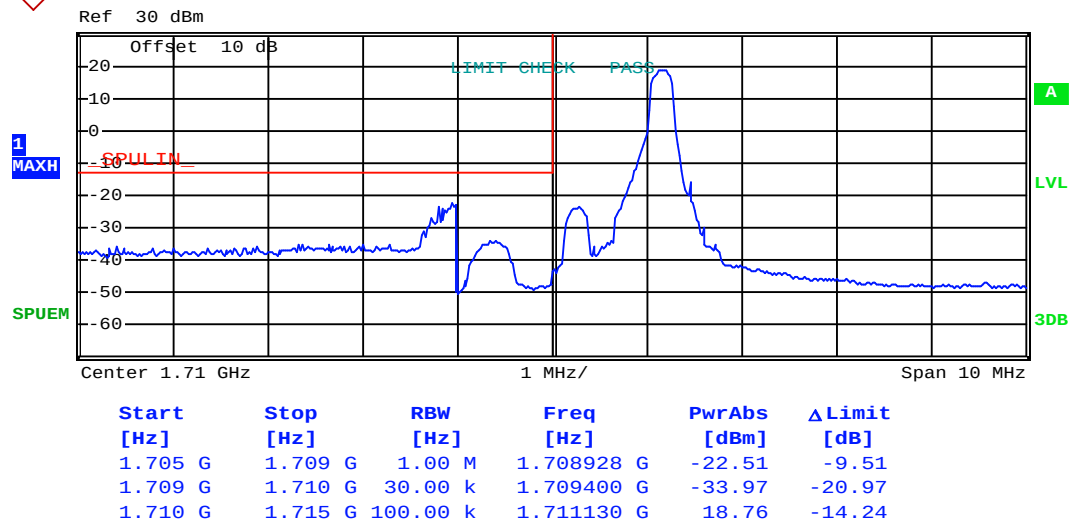
Lowest channel



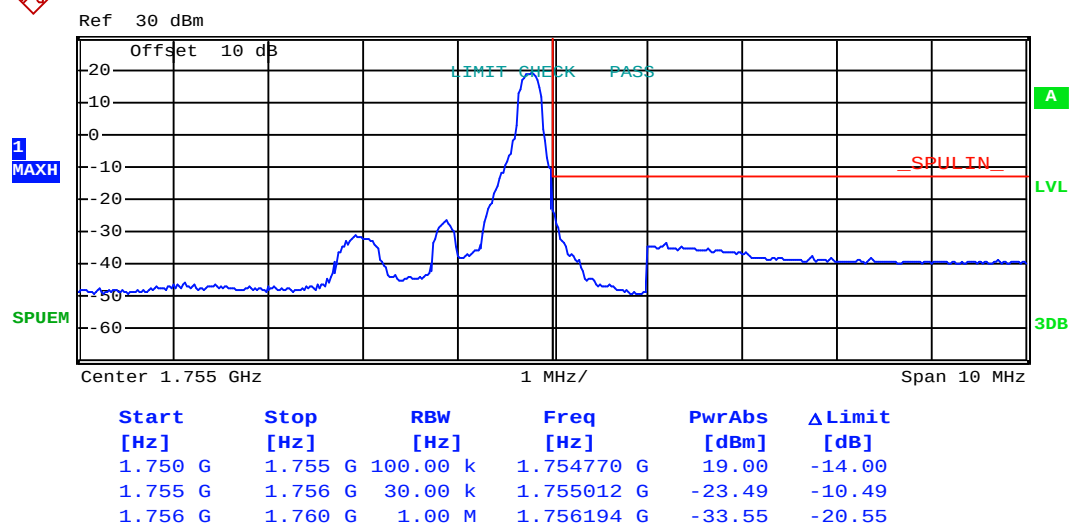
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 5)

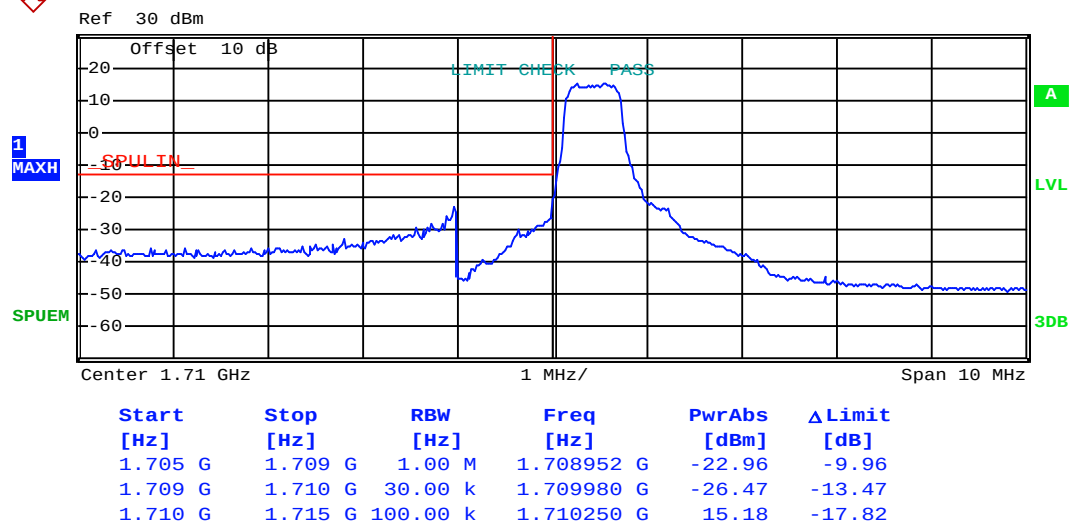


Lowest channel

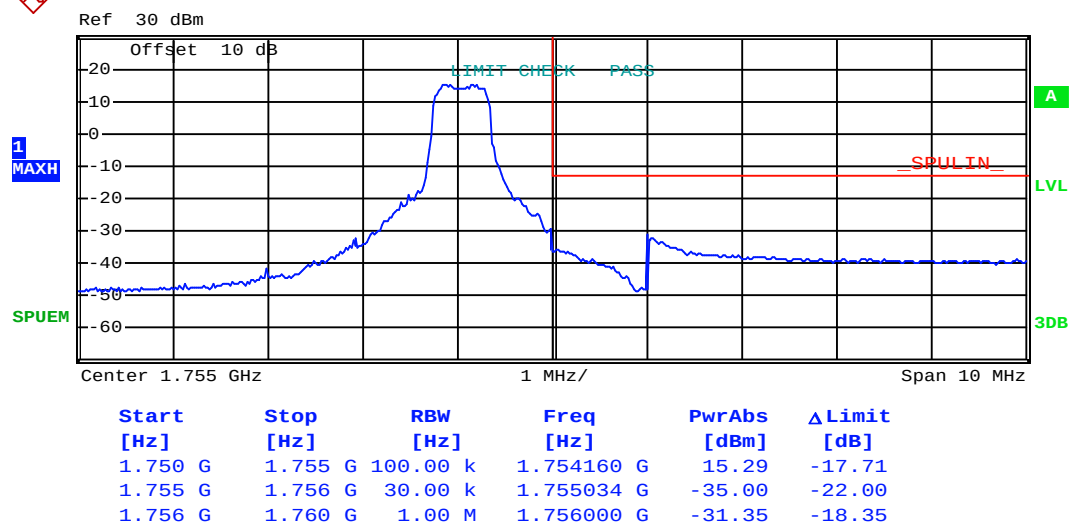


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 3 & RB Offset 0)
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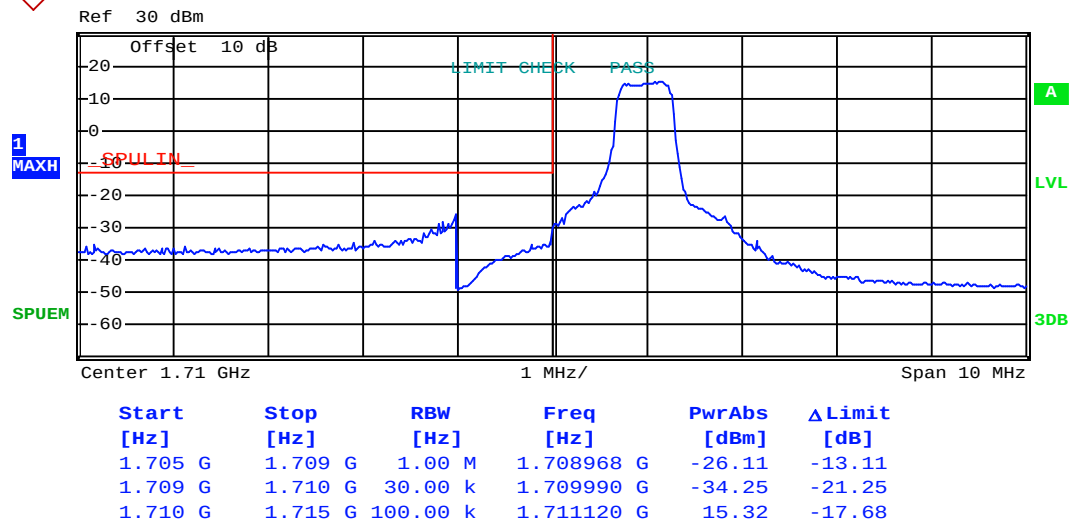
Lowest channel



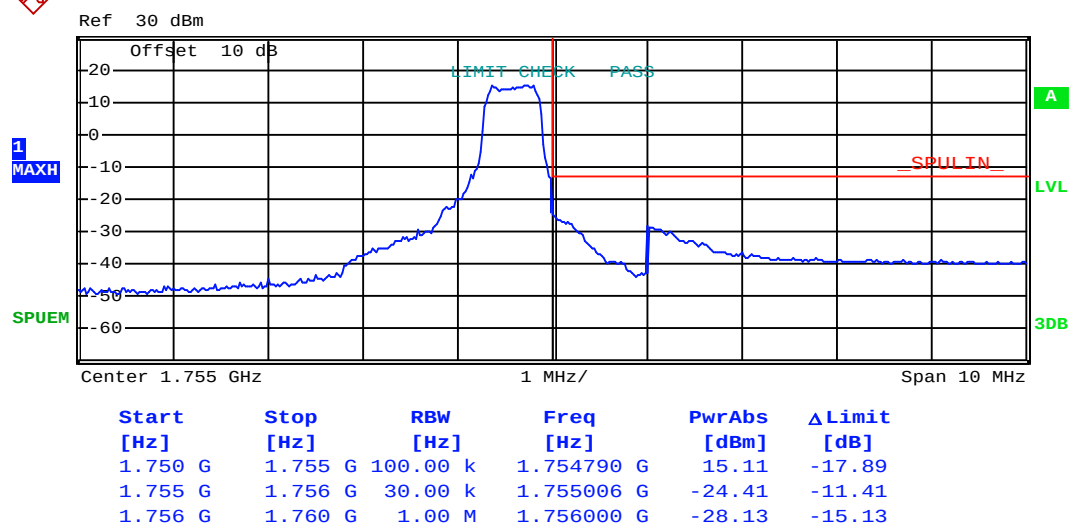
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 3 & RB Offset 2)



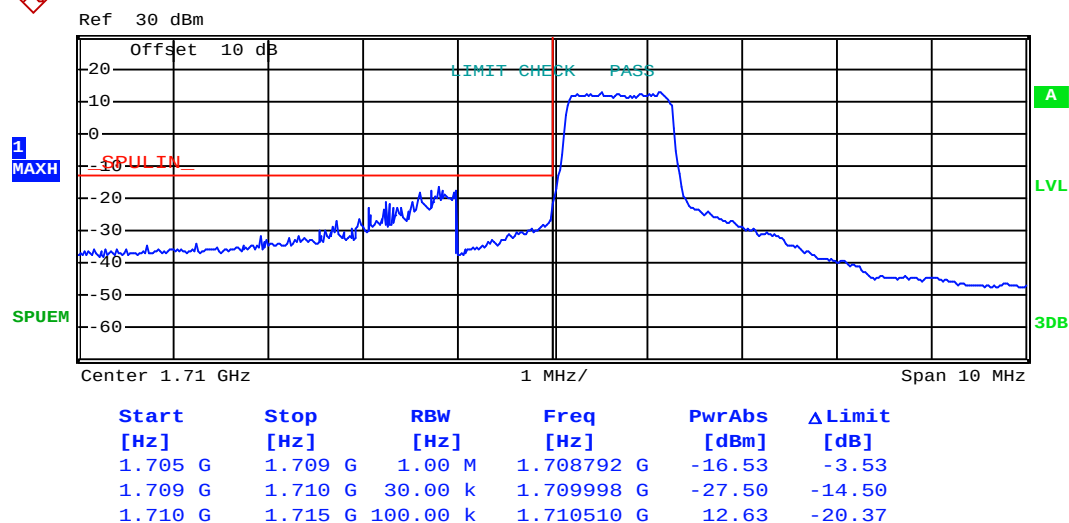
Lowest channel



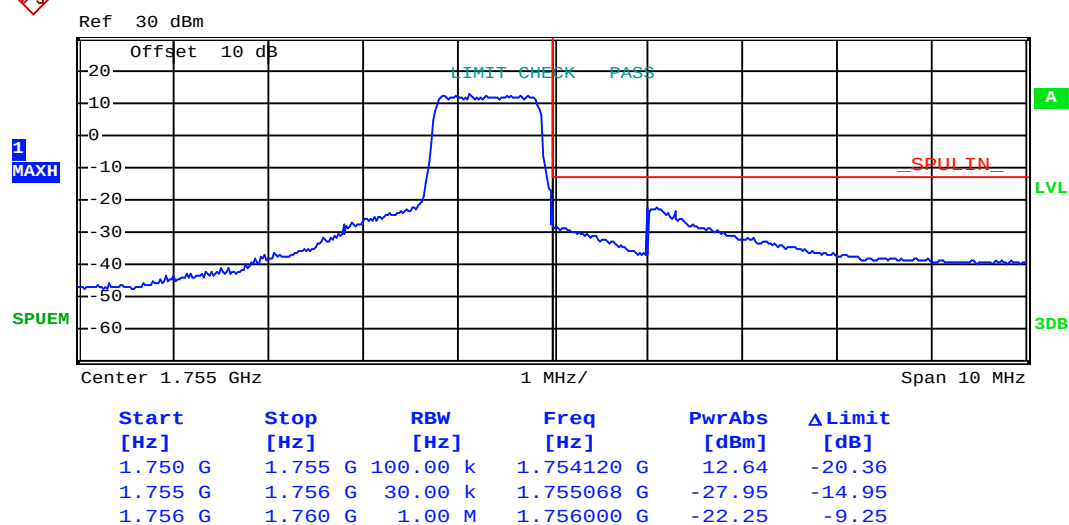
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 6 & RB Offset 0)

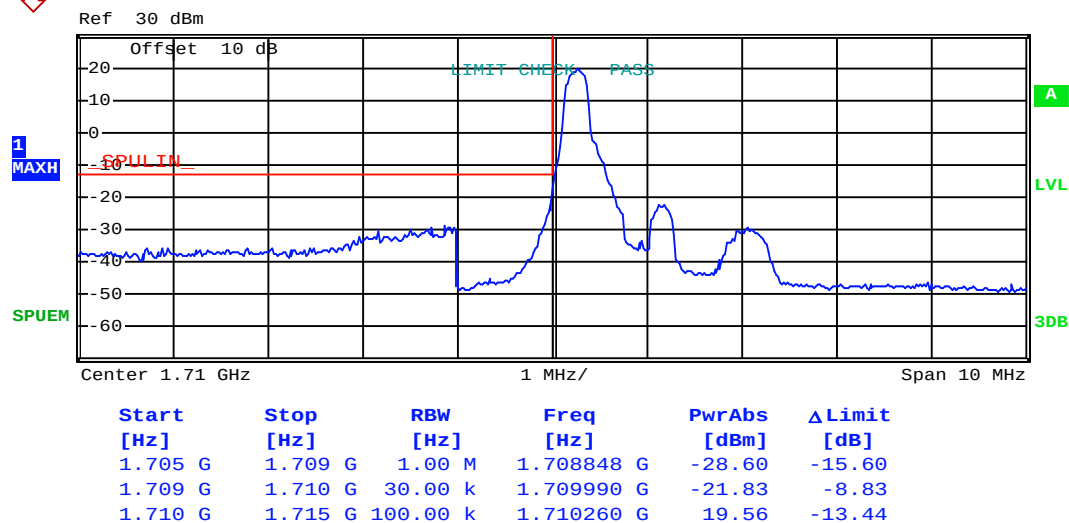


Lowest channel

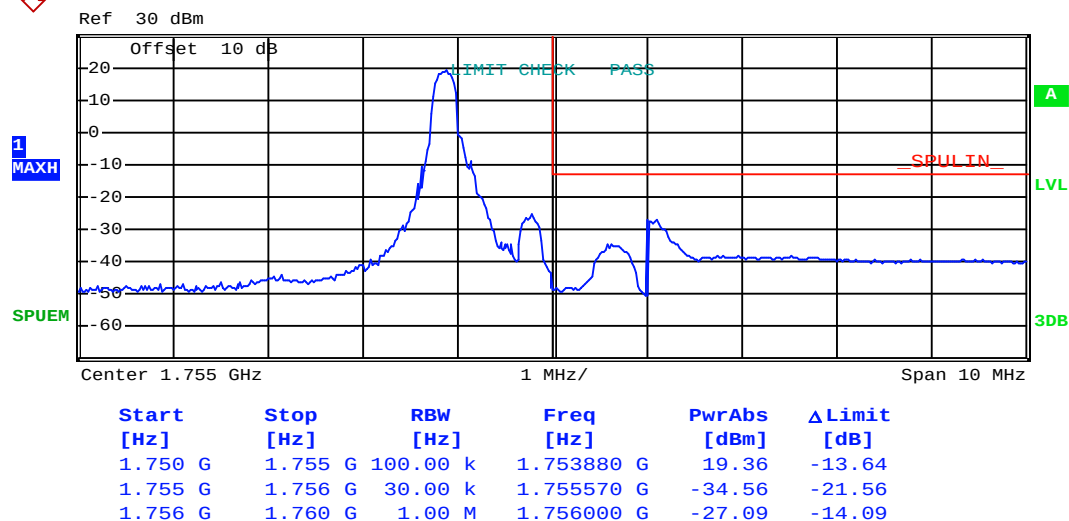


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)
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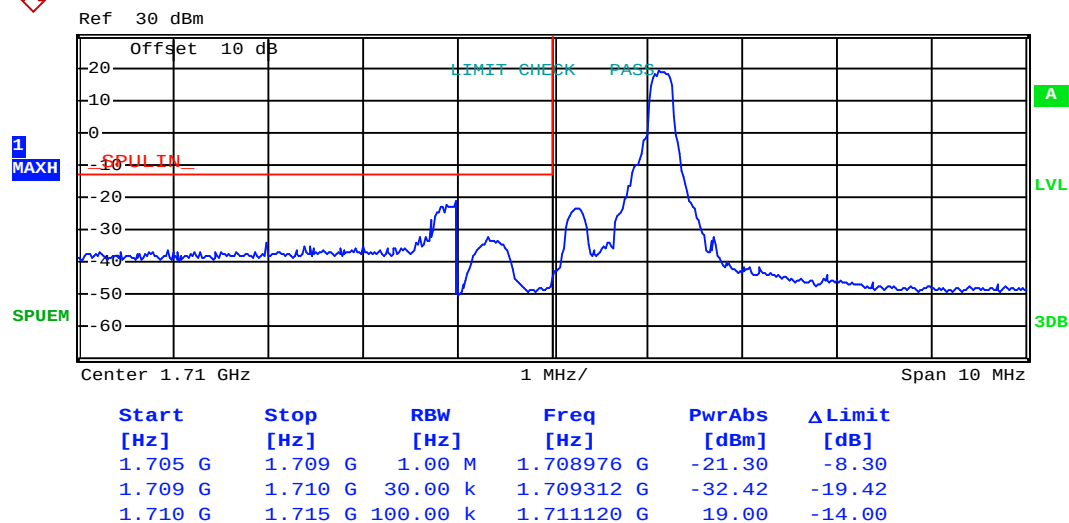


Lowest channel

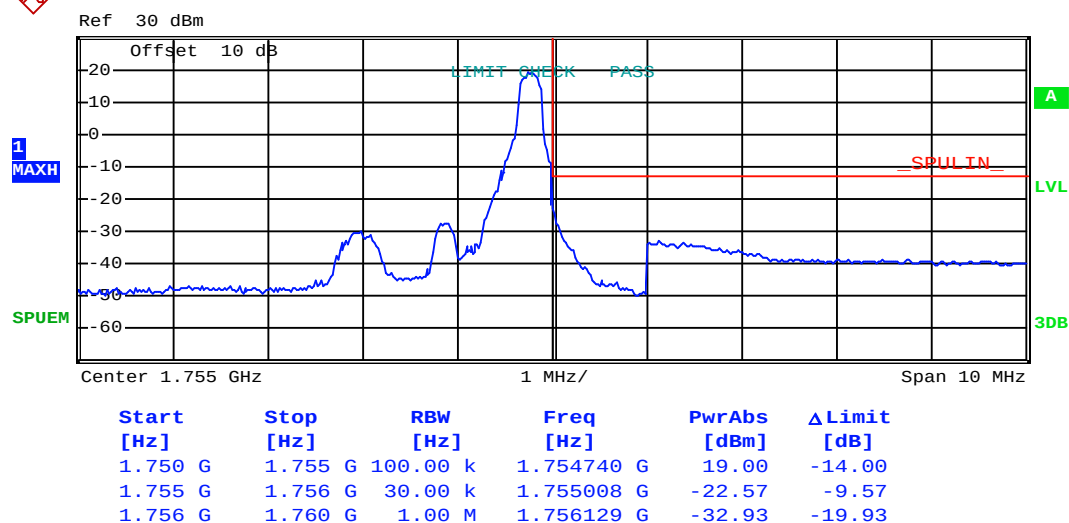


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 5)
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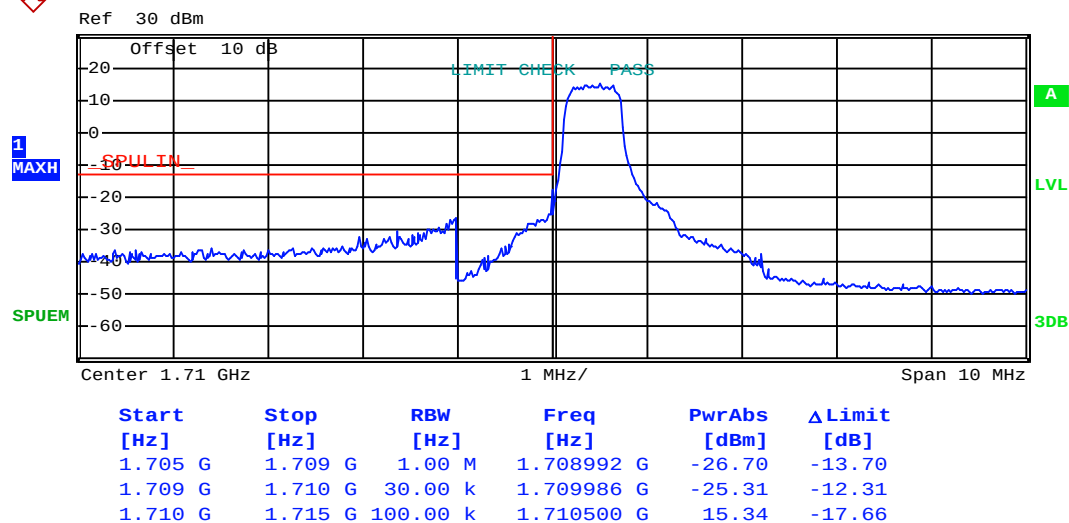


Lowest channel

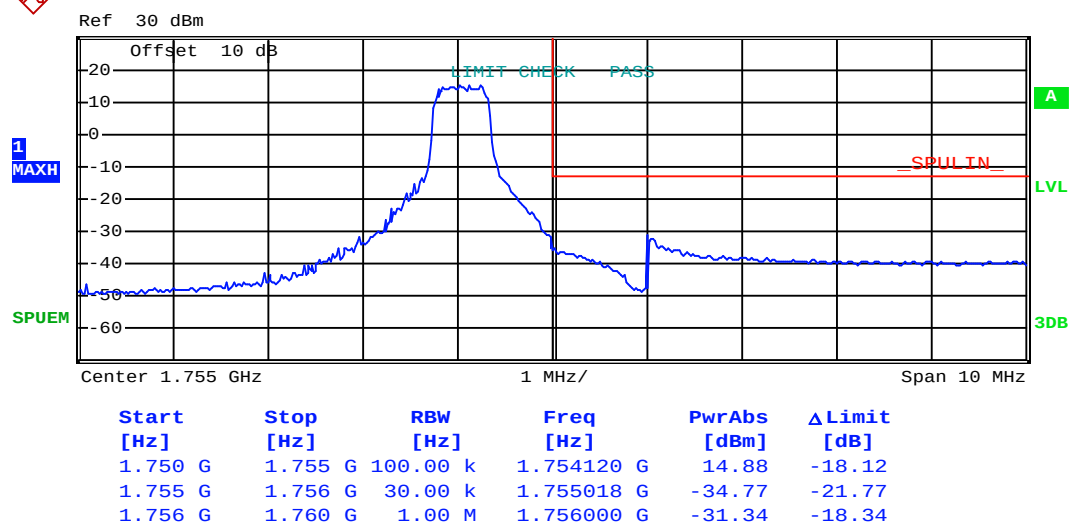


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 3 & RB Offset 0)
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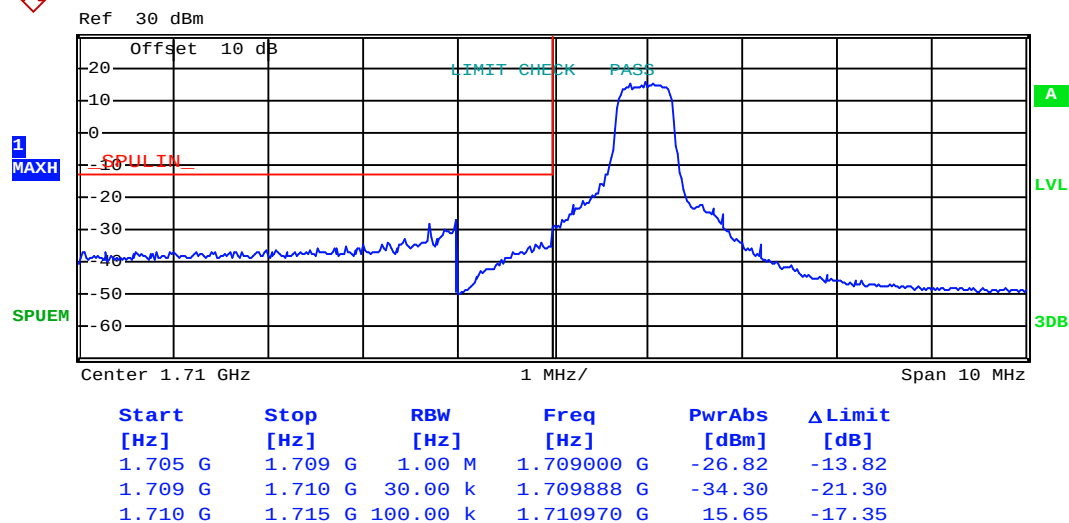


Lowest channel

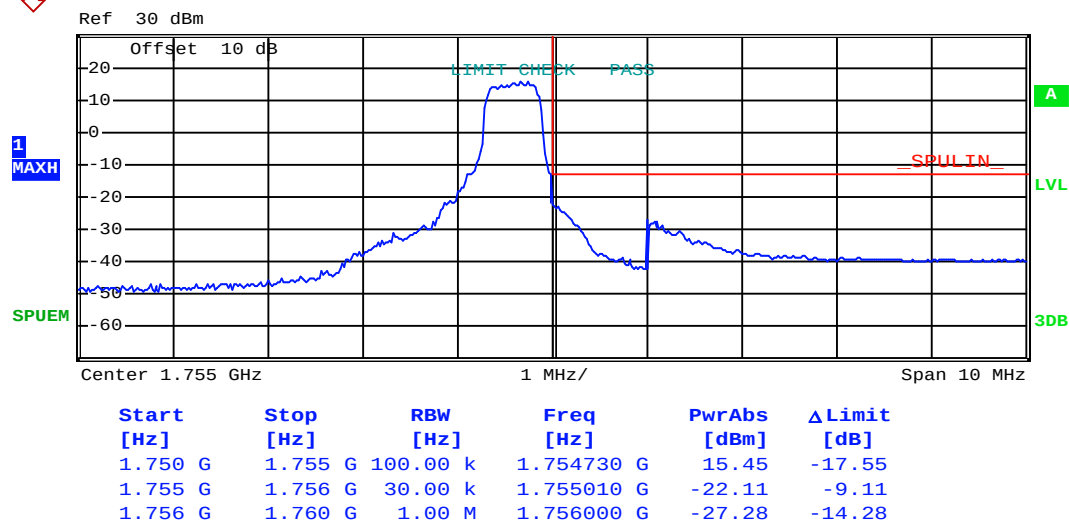


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 3 & RB Offset 2)
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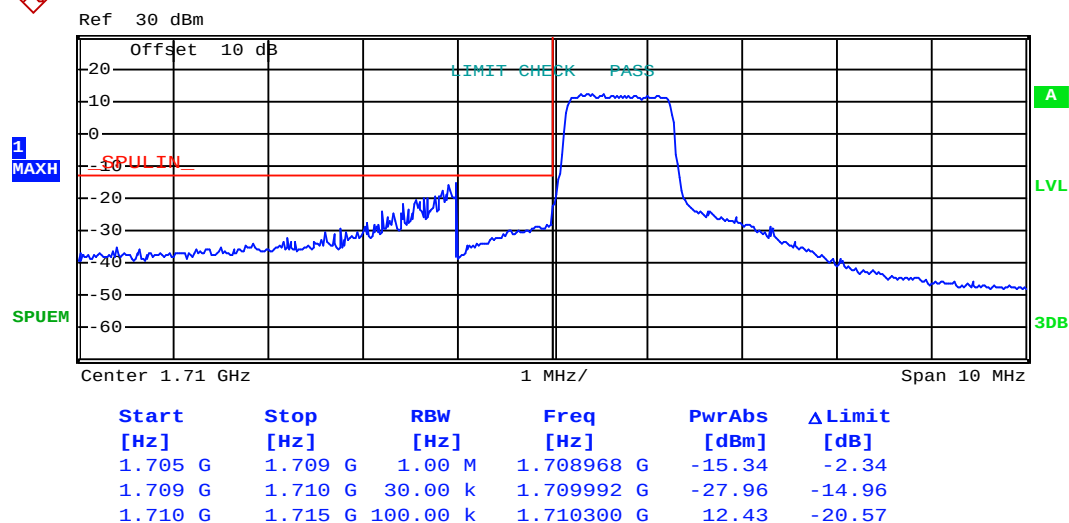
Lowest channel



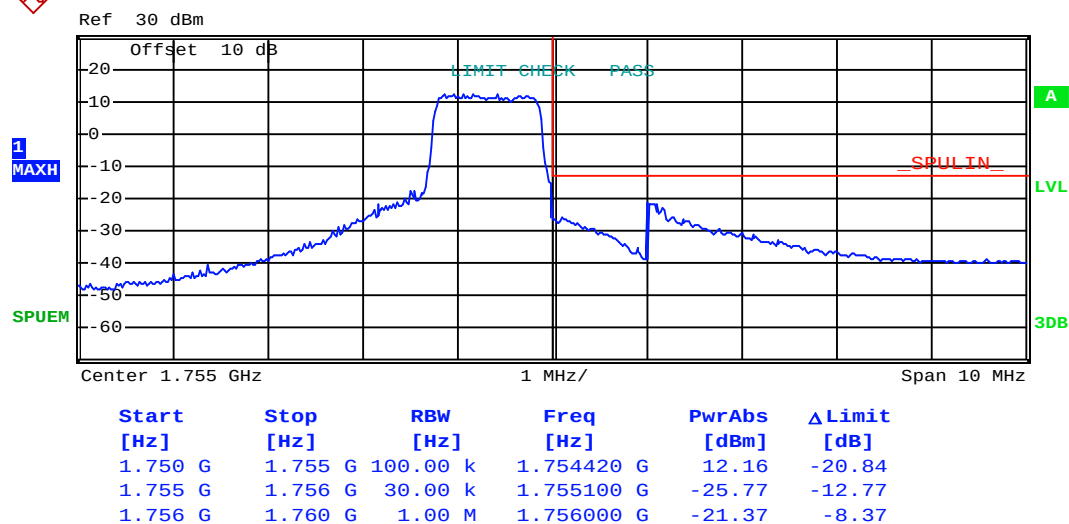
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 6 & RB Offset 0)



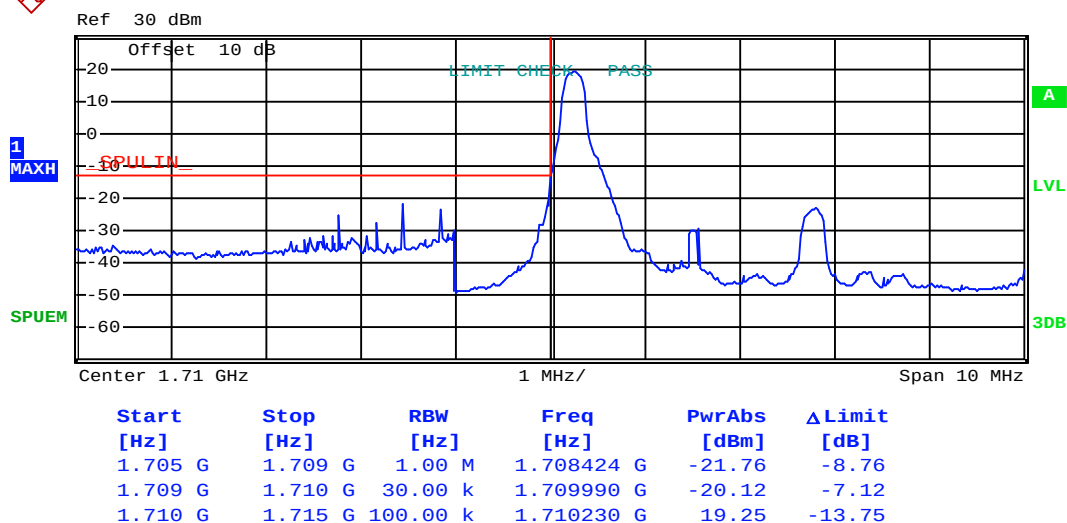
Lowest channel



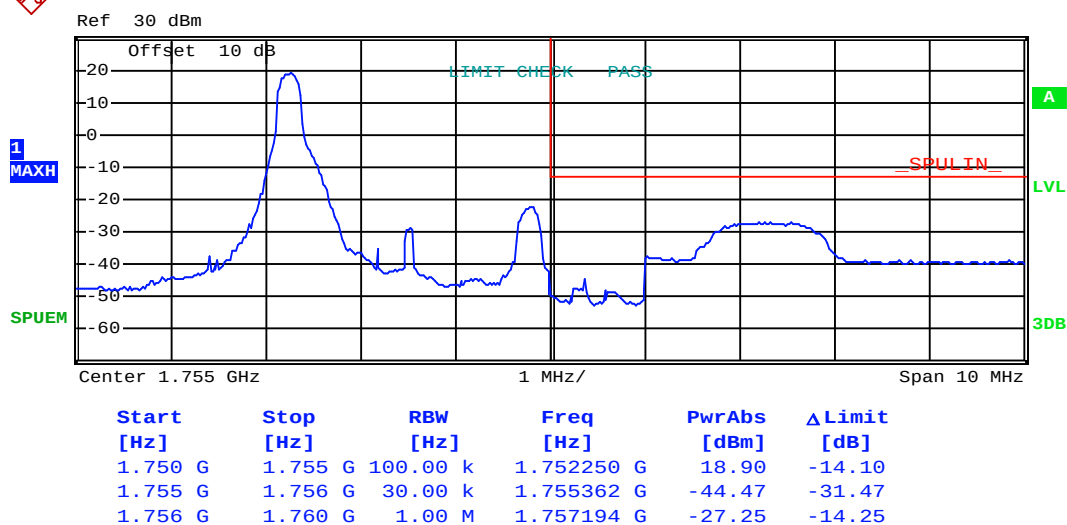
Highest channel

3MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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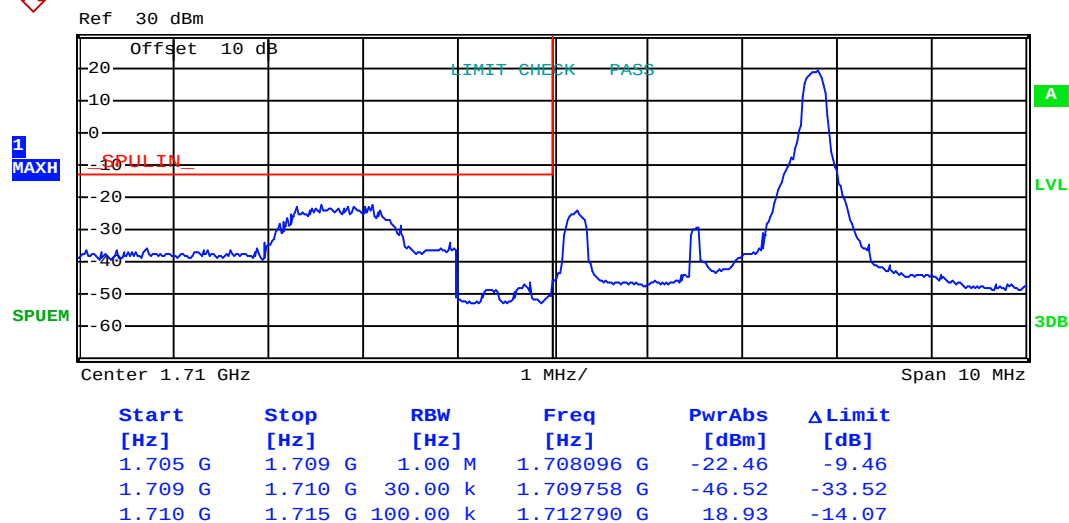
Lowest channel



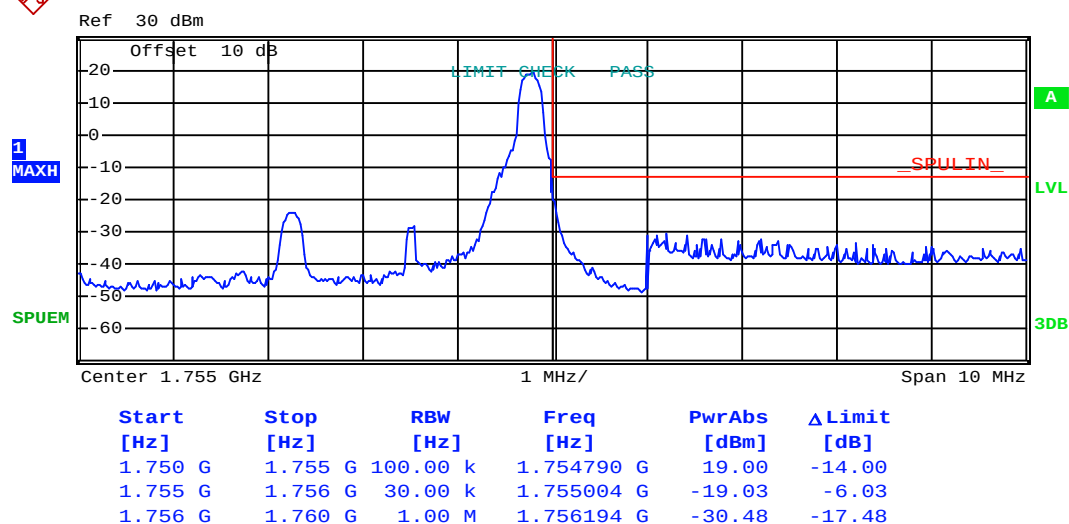
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 14)



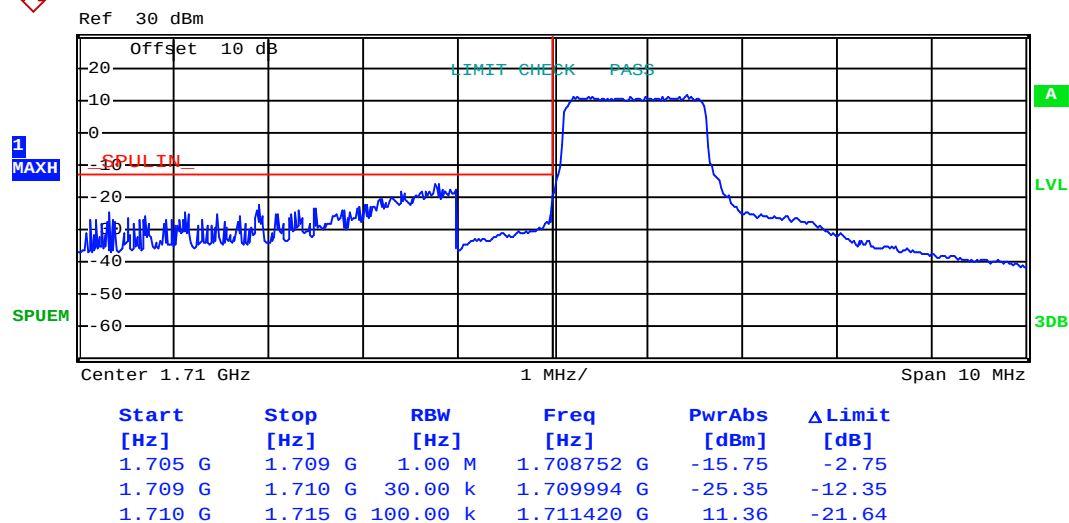
Lowest channel



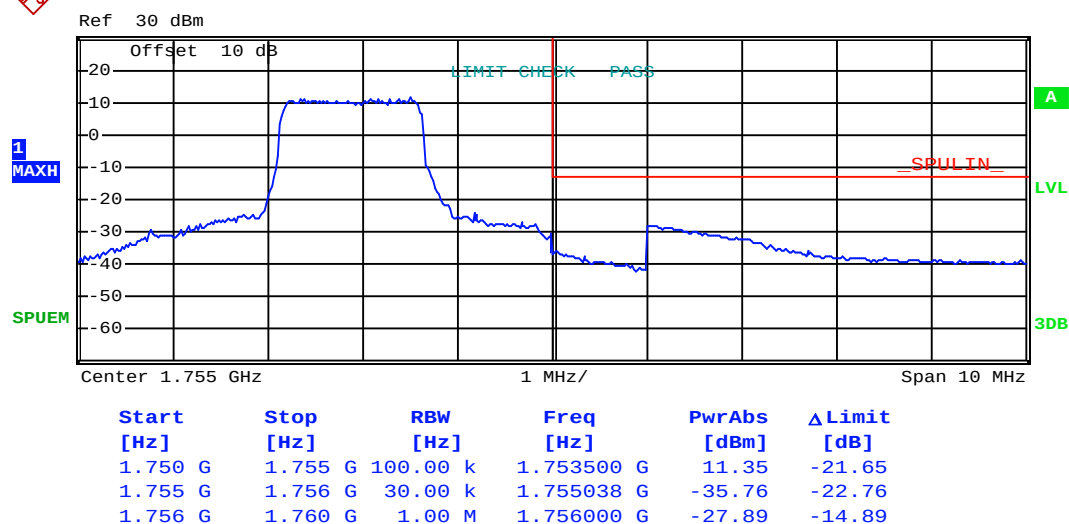
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 8 & RB Offset 0)

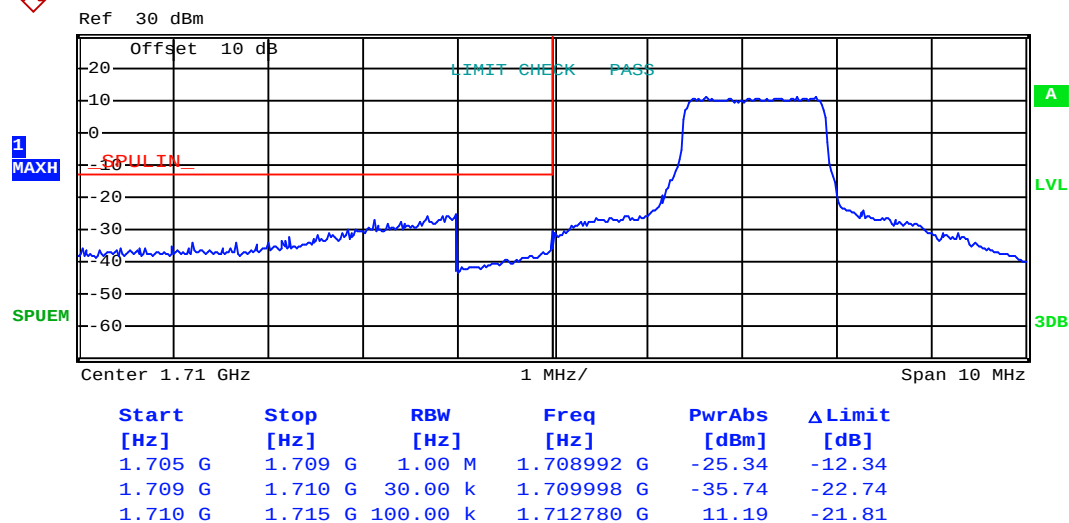


Lowest channel

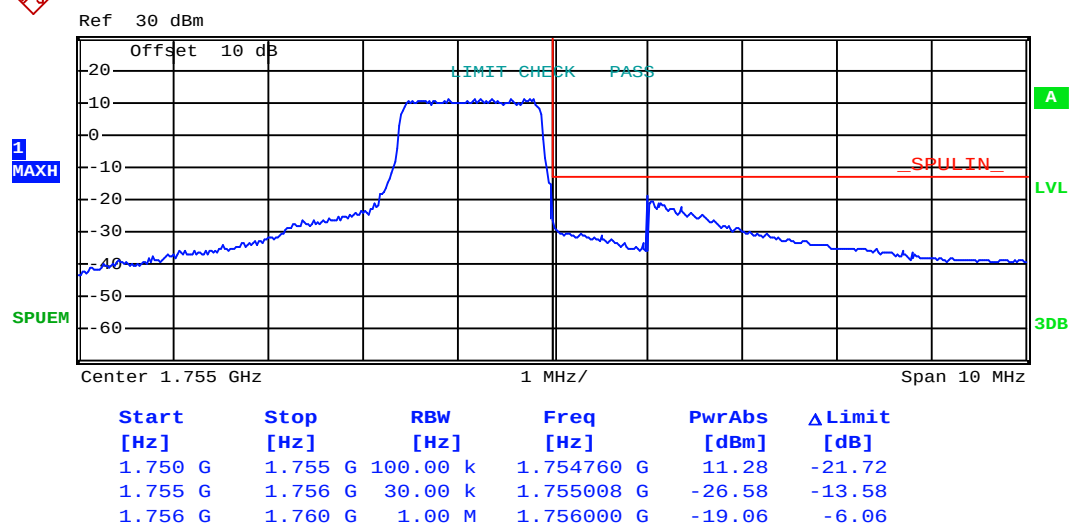


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 8 & RB Offset 7)
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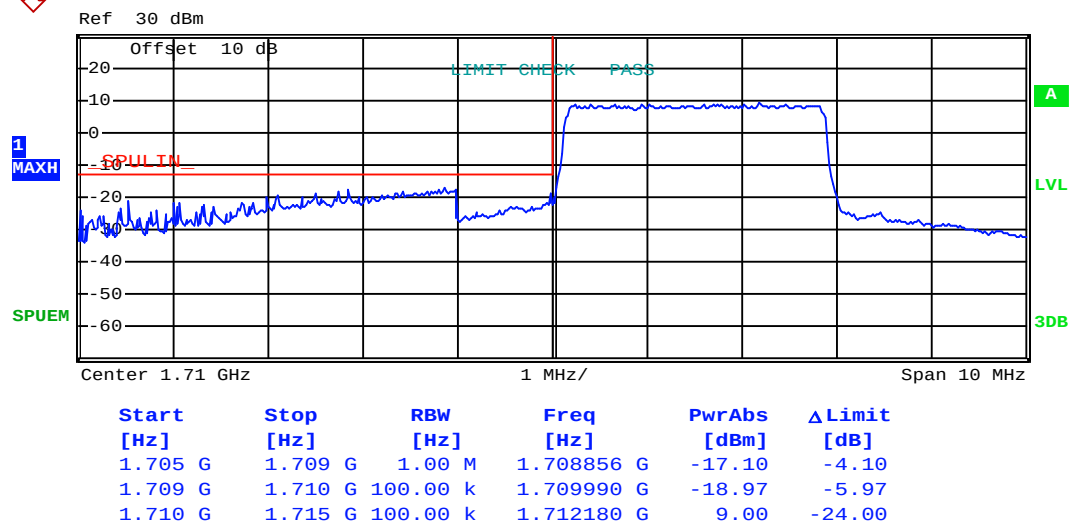


Lowest channel

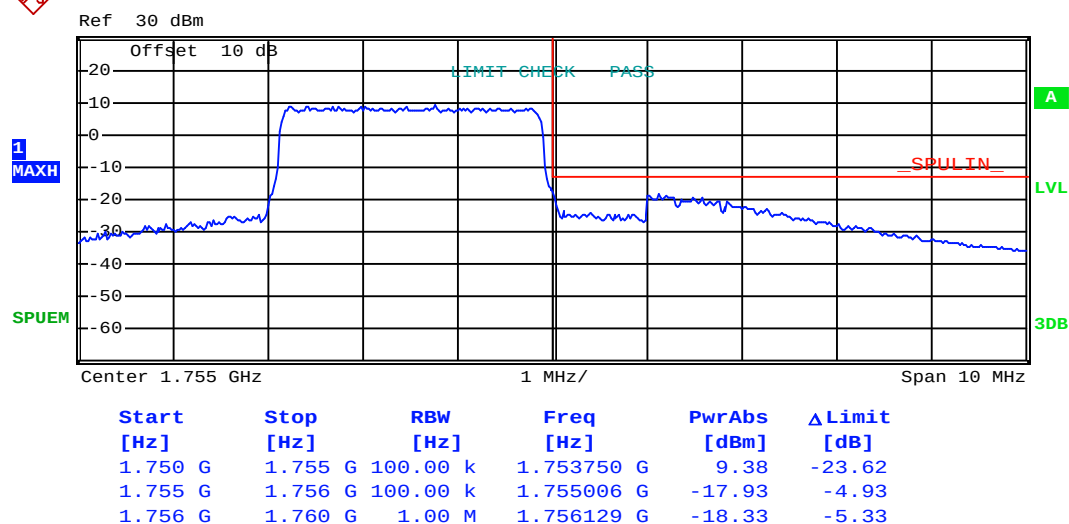


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 15 & RB Offset 0)
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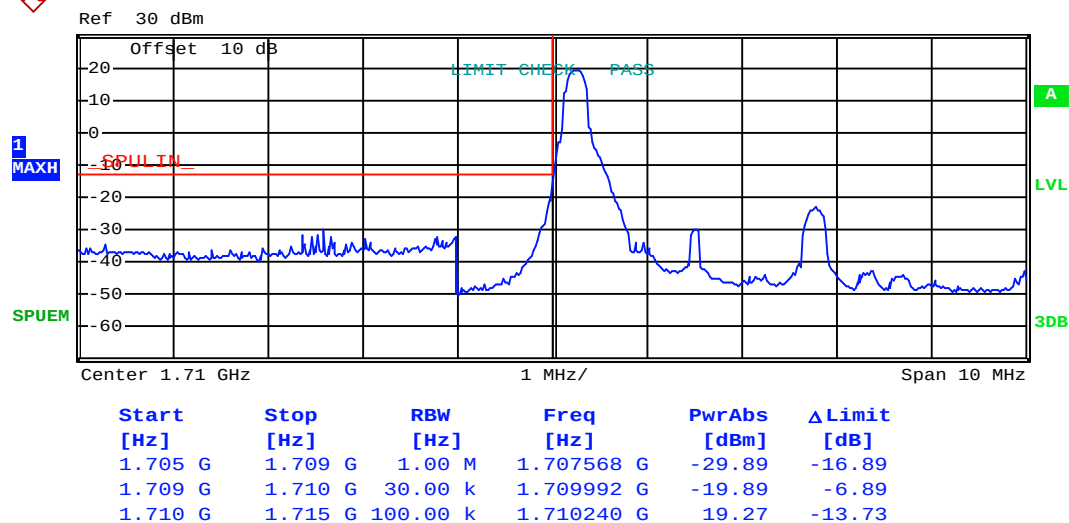


Lowest channel

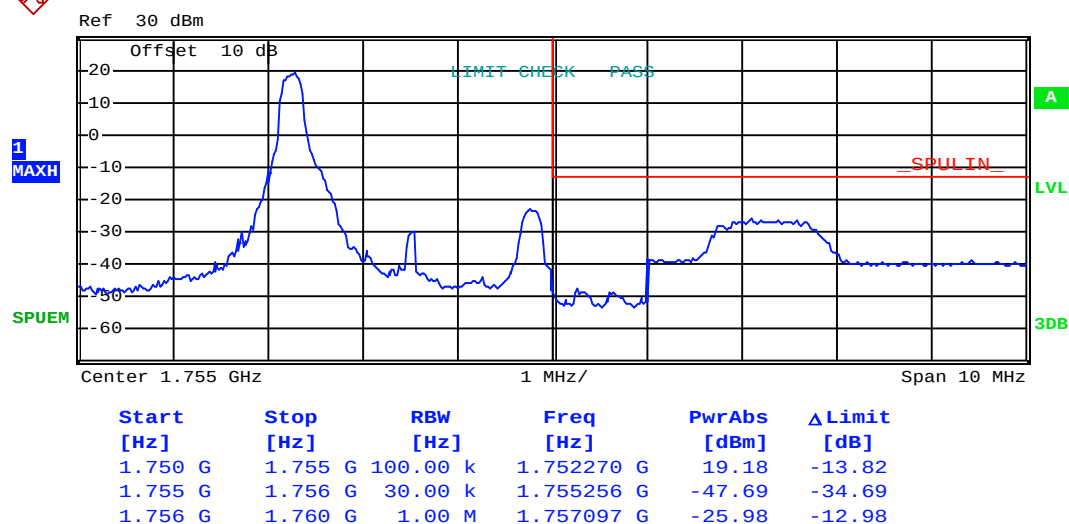


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)
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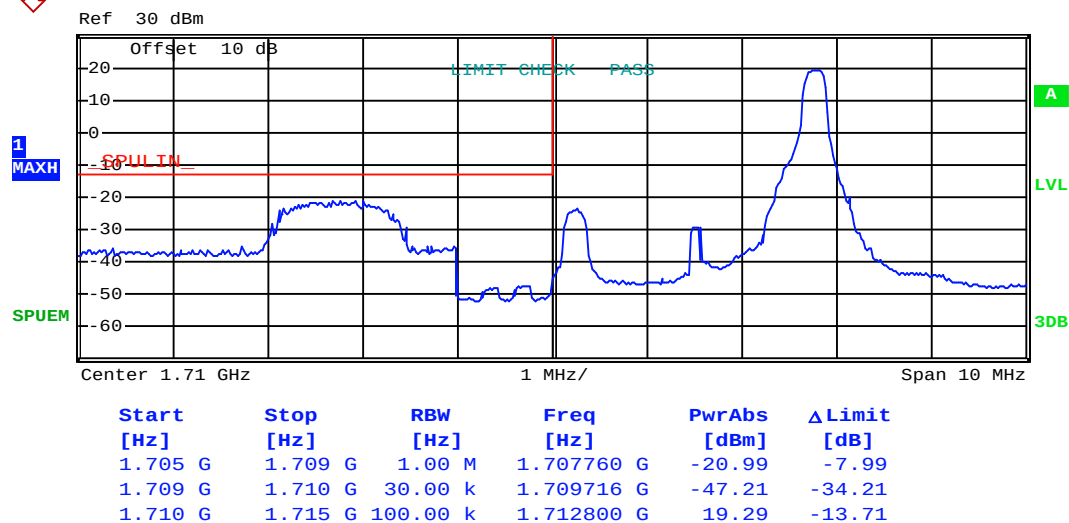


Lowest channel

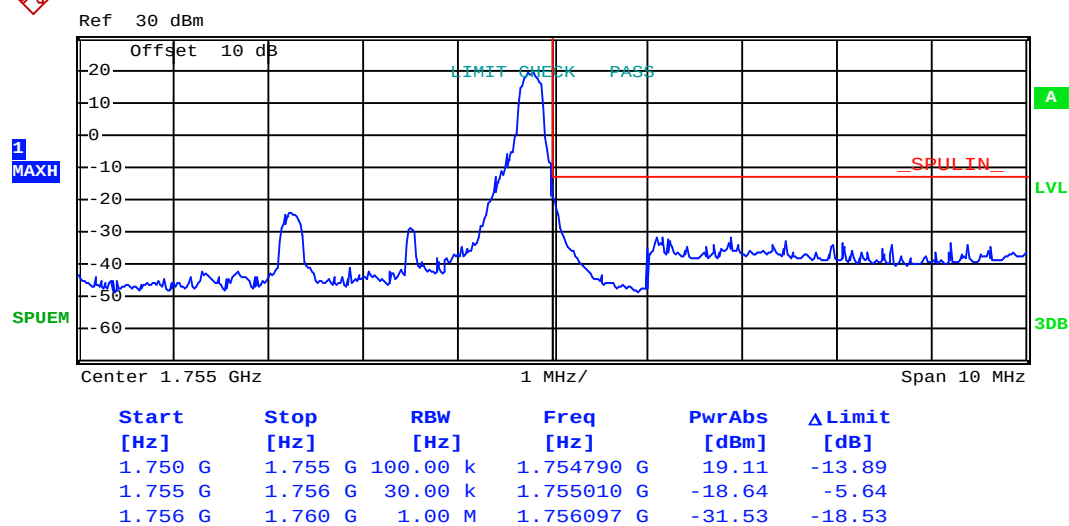


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 14)
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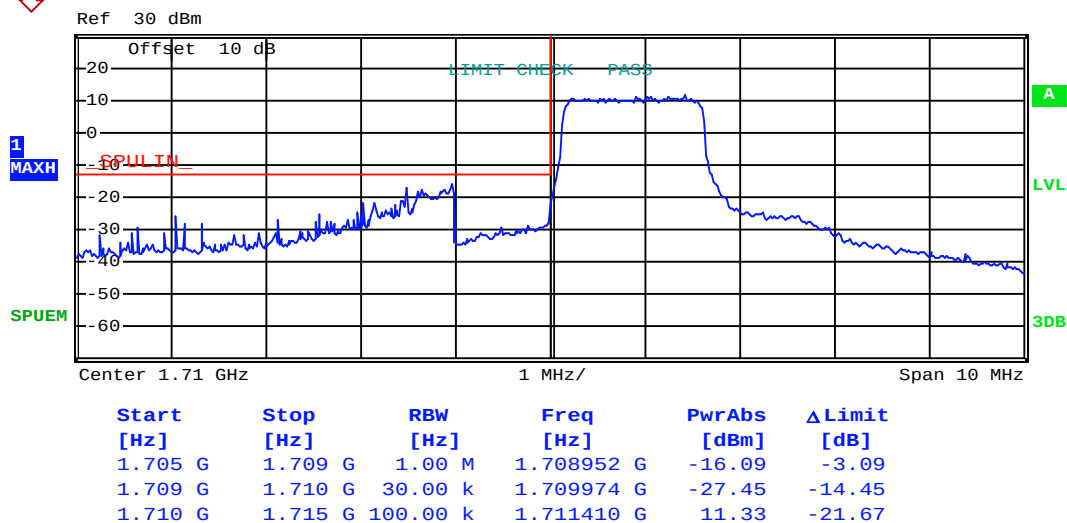
Lowest channel



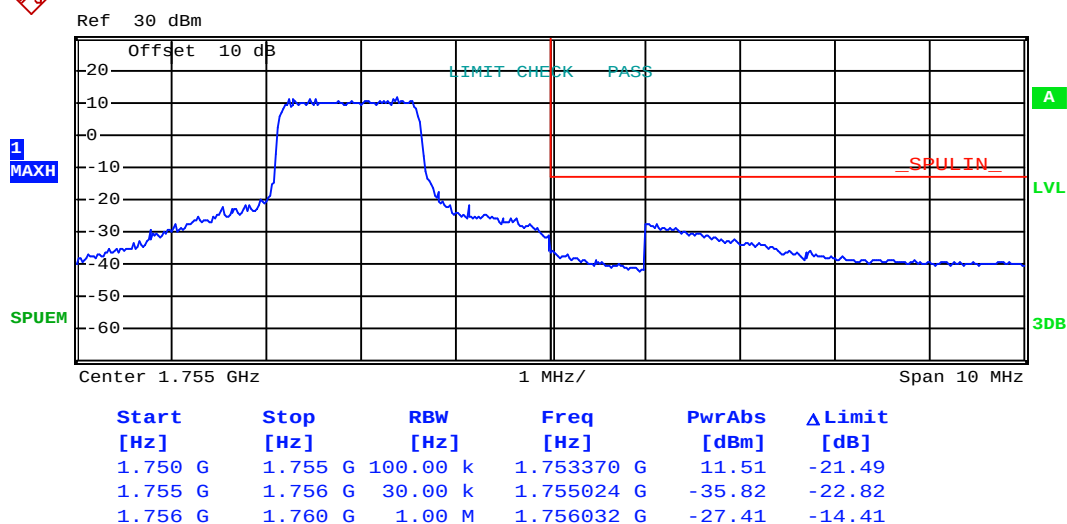
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 8 & RB Offset 0)

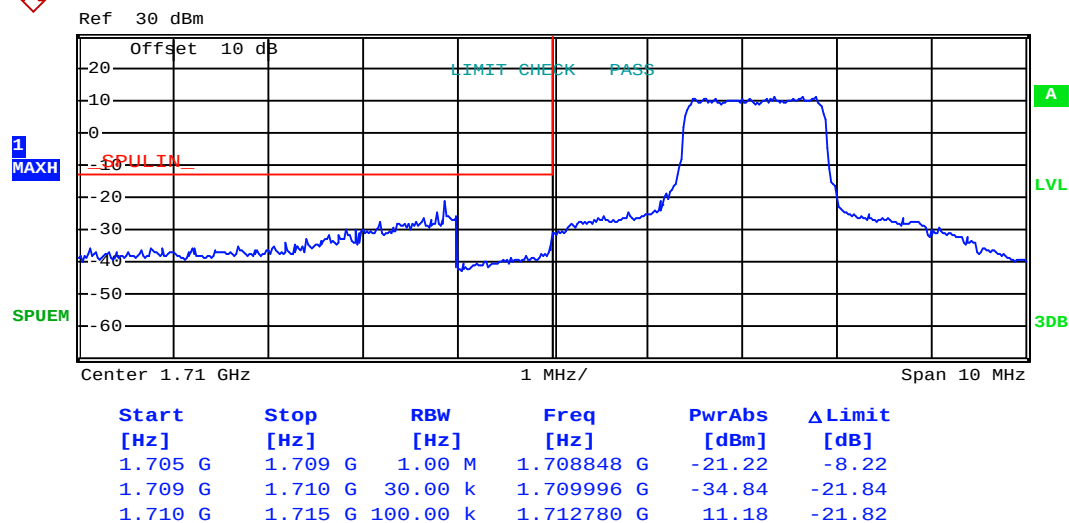


Lowest channel

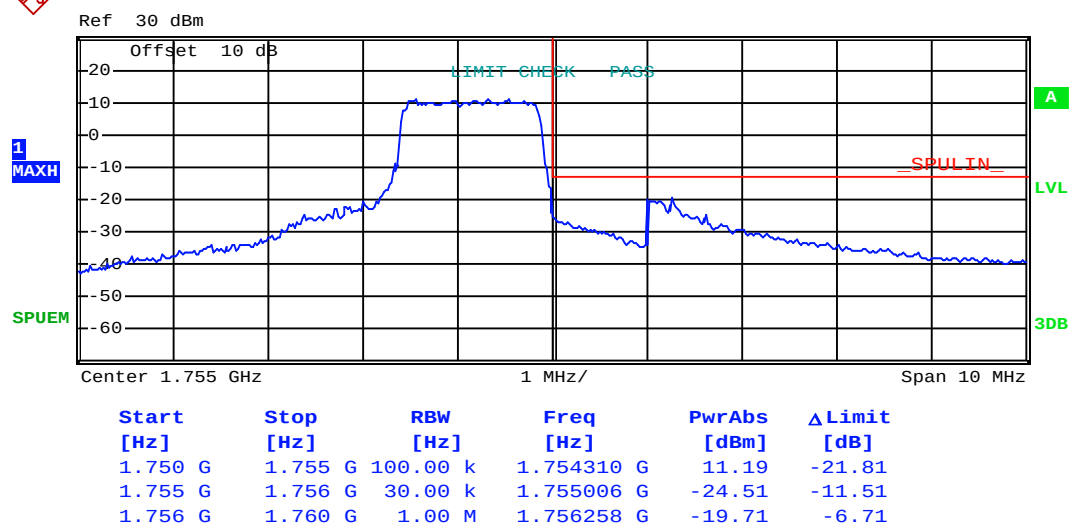


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 8 & RB Offset 7)
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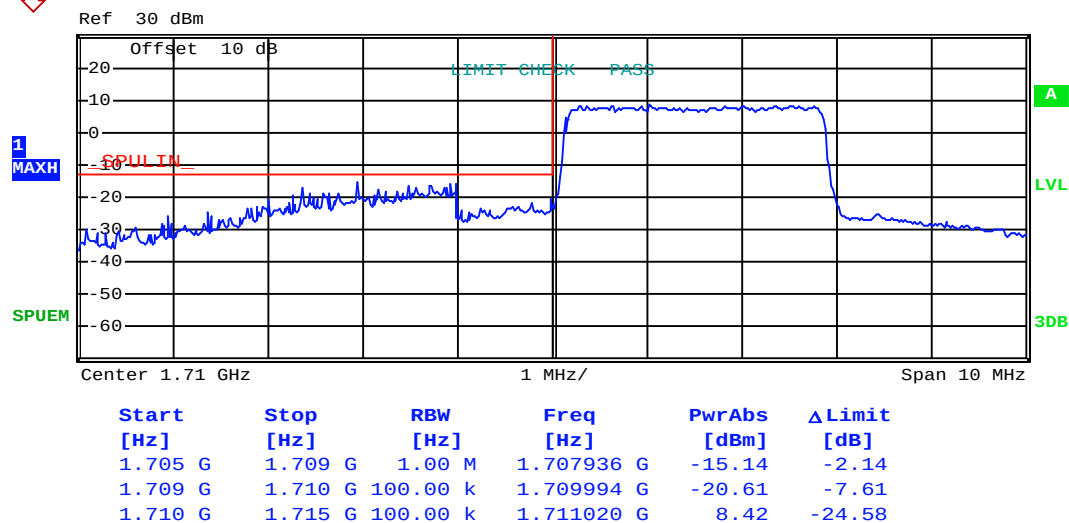


Lowest channel

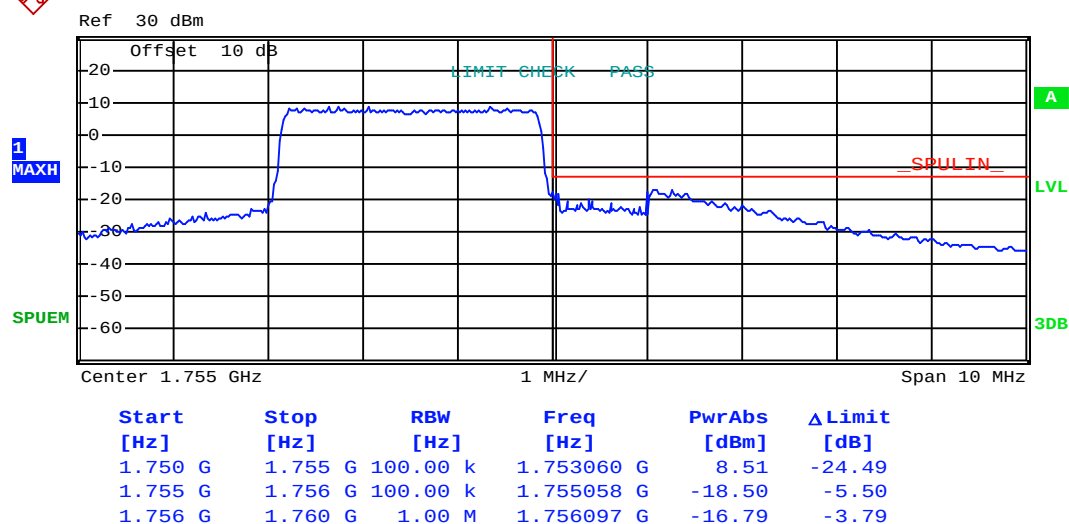


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 15 & RB Offset 0)
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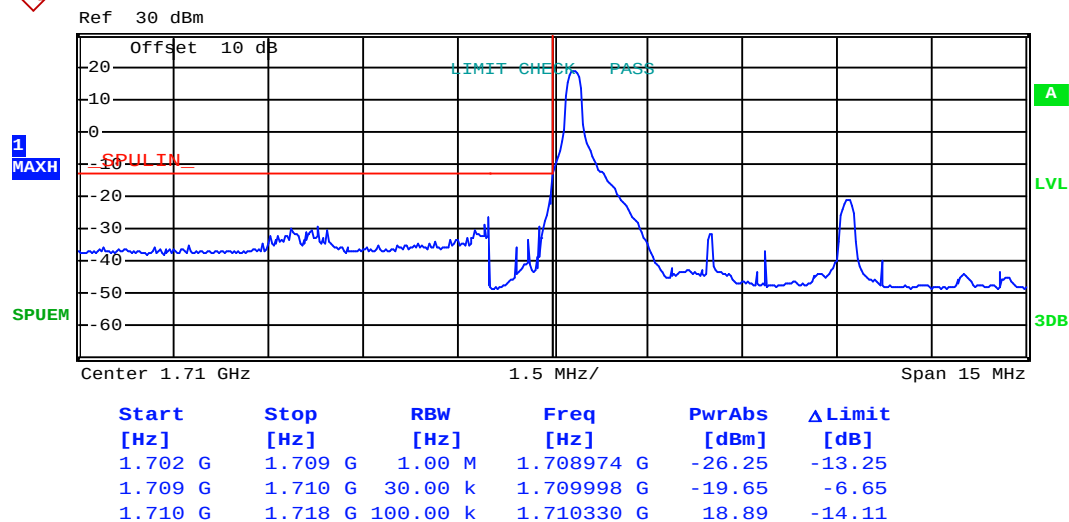
Lowest channel



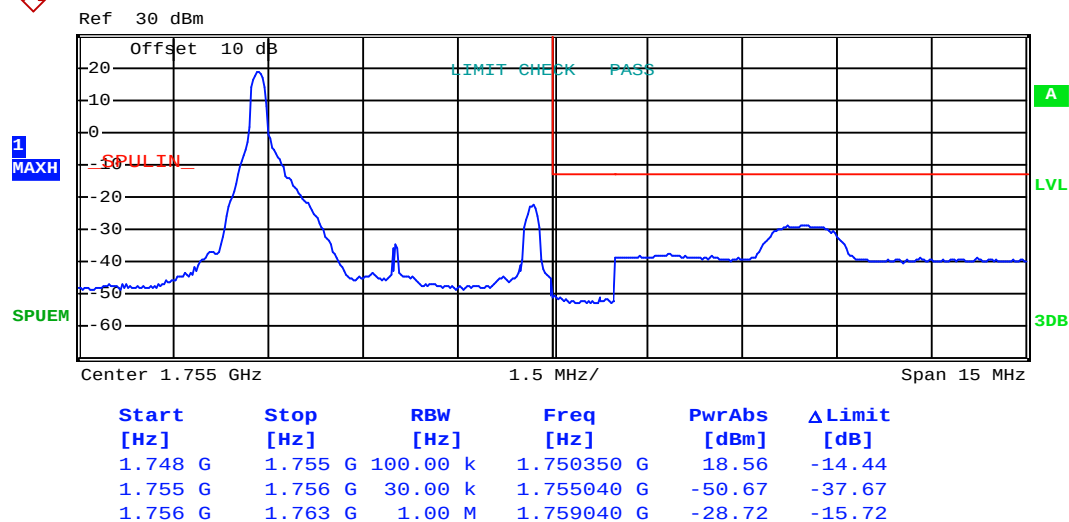
Highest channel

5MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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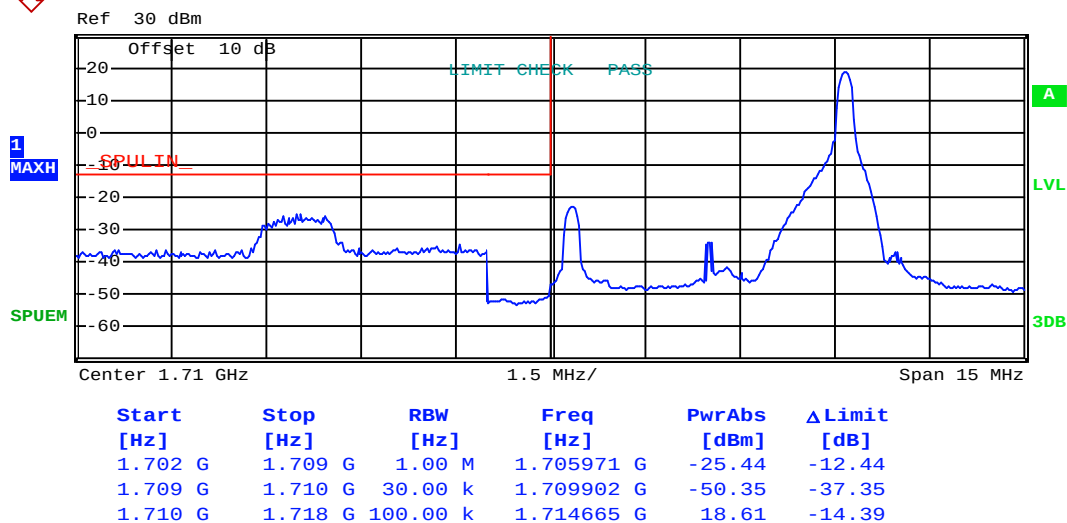
Lowest channel



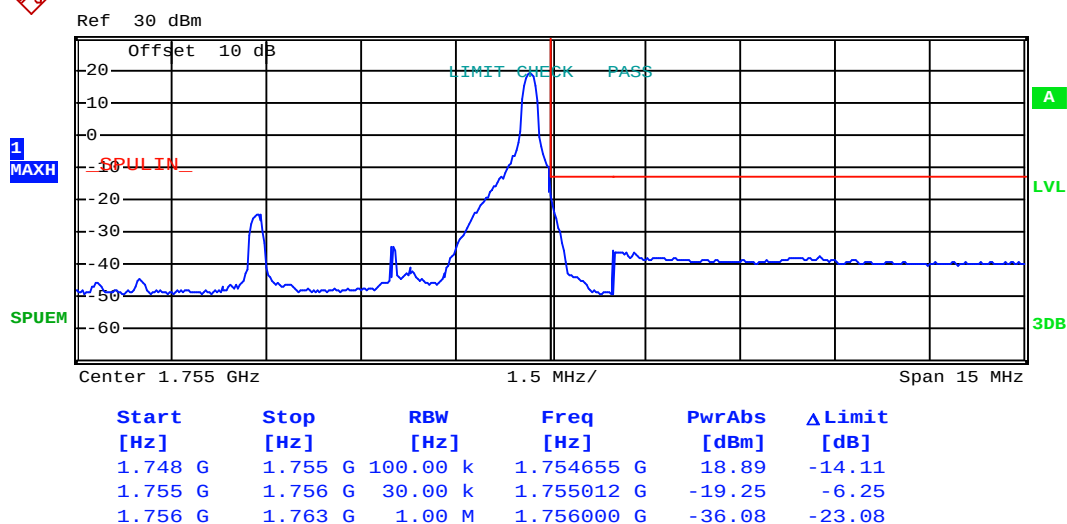
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 24)

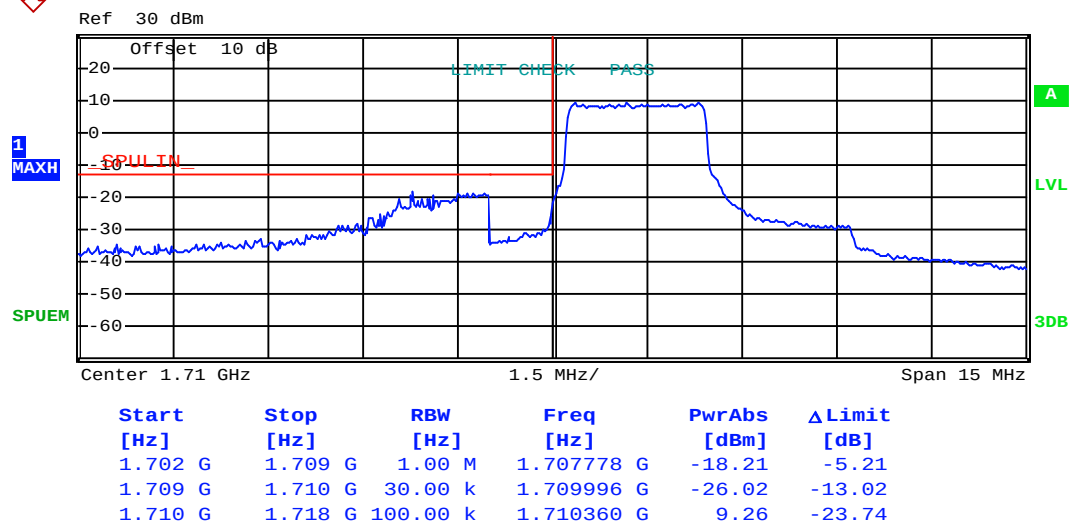


Lowest channel

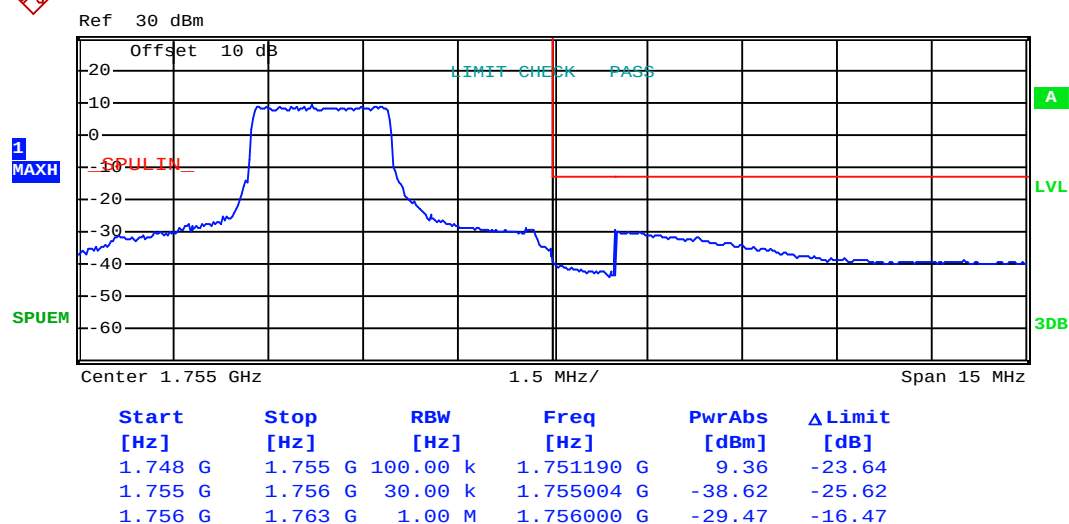


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 12 & RB Offset 0)
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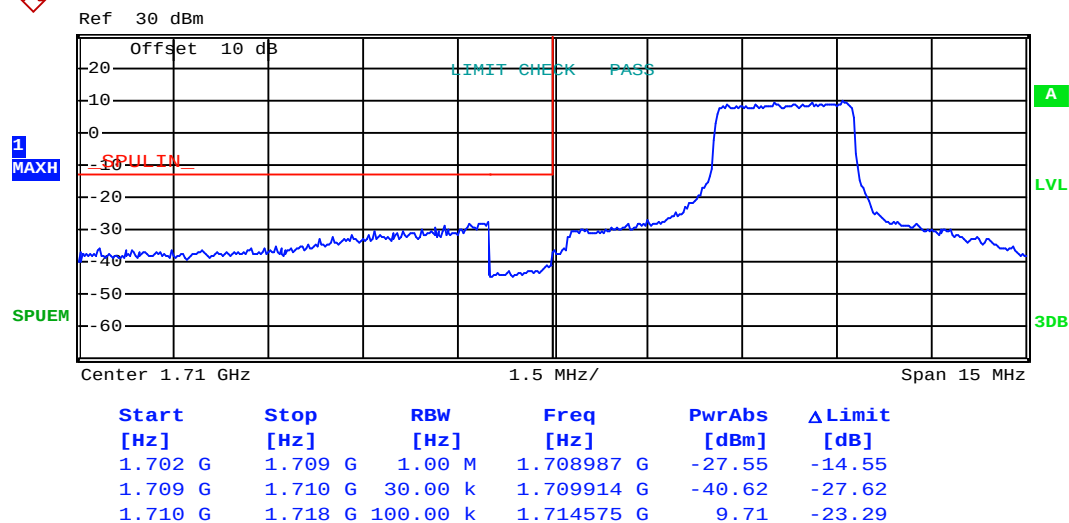


Lowest channel

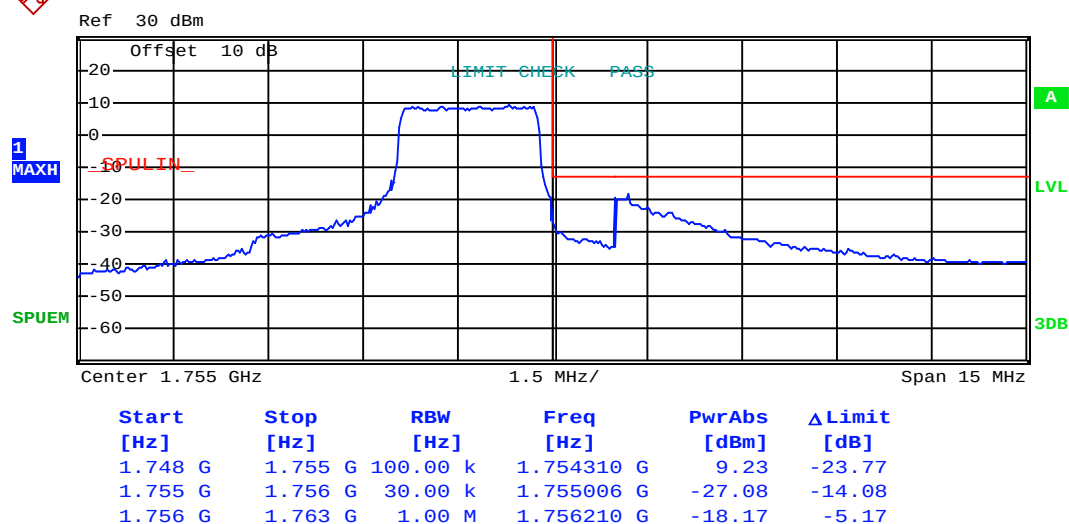


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 12 & RB Offset 11)
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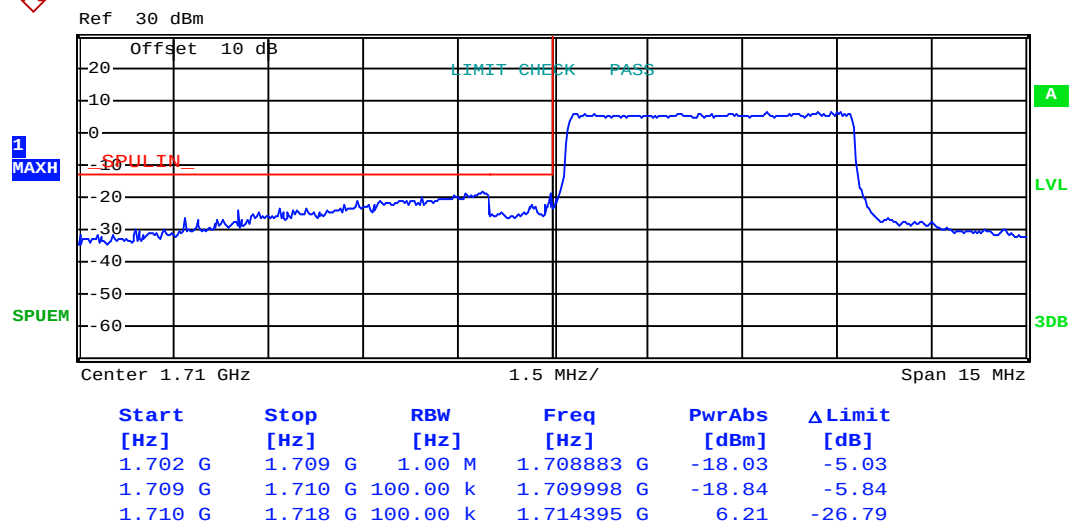
Lowest channel



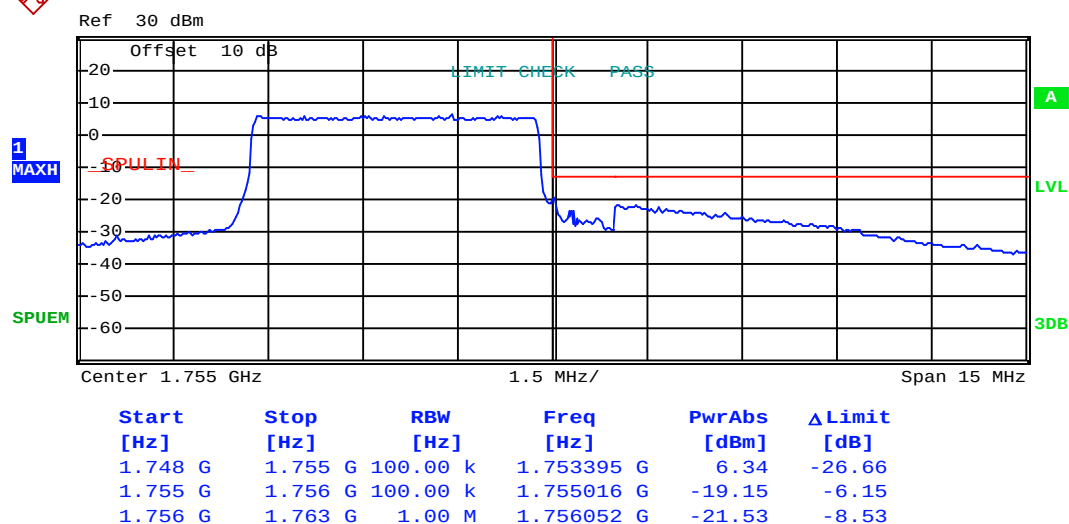
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 0)



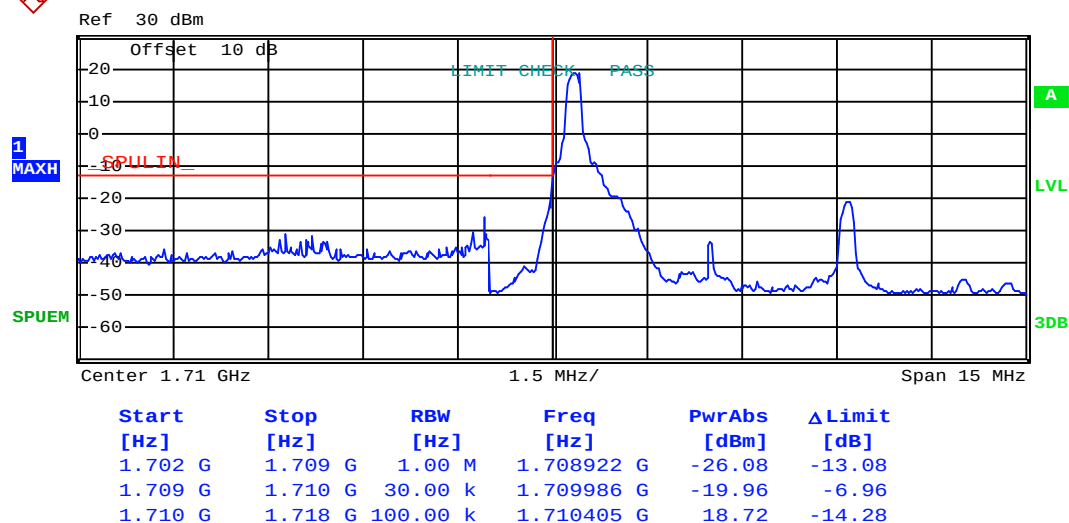
Lowest channel



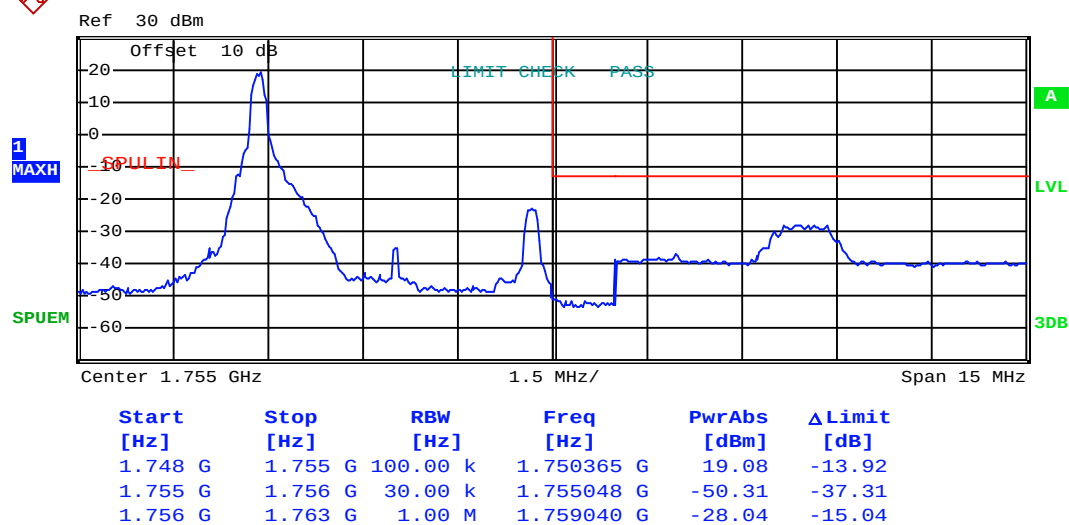
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)

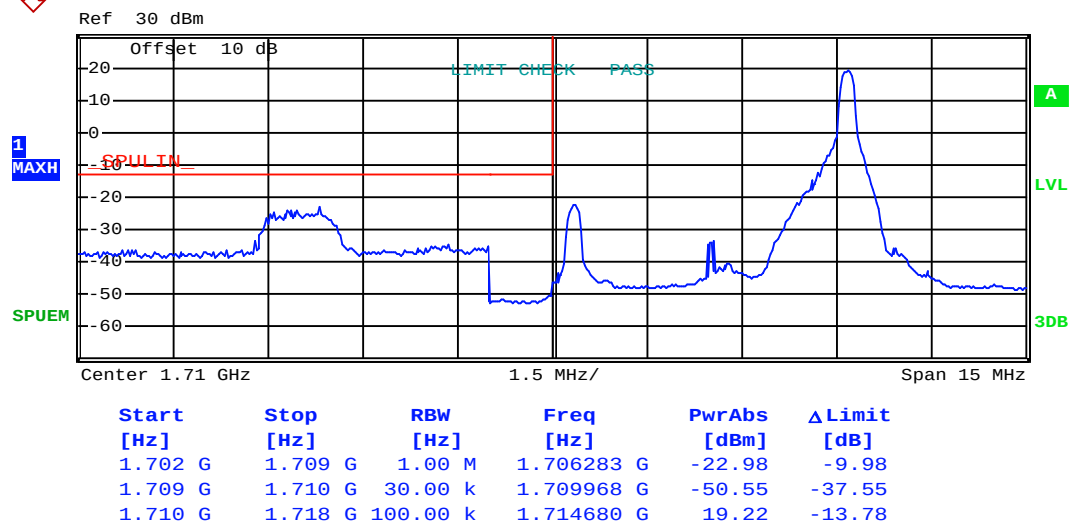


Lowest channel

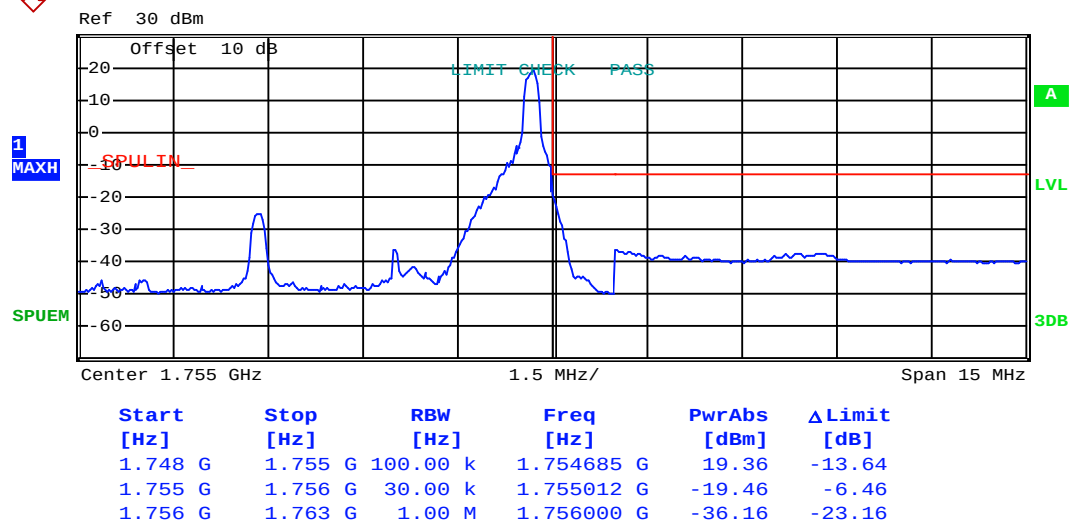


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 24)
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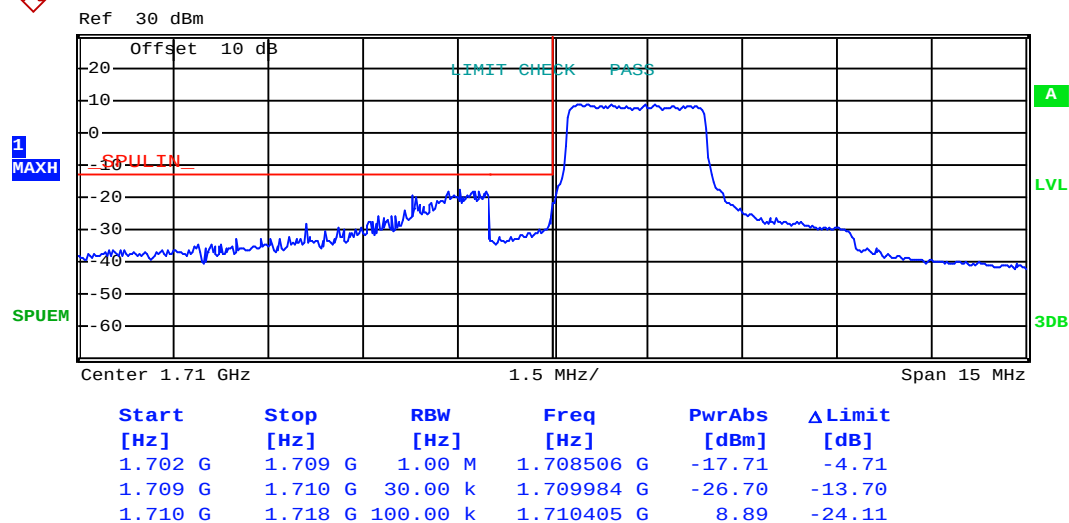


Lowest channel

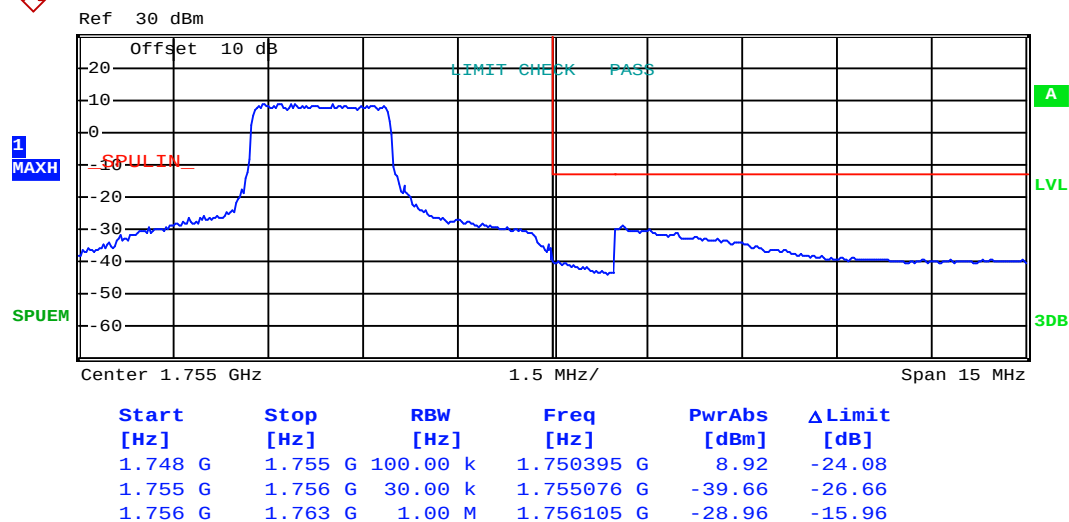


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 12 & RB Offset 0)
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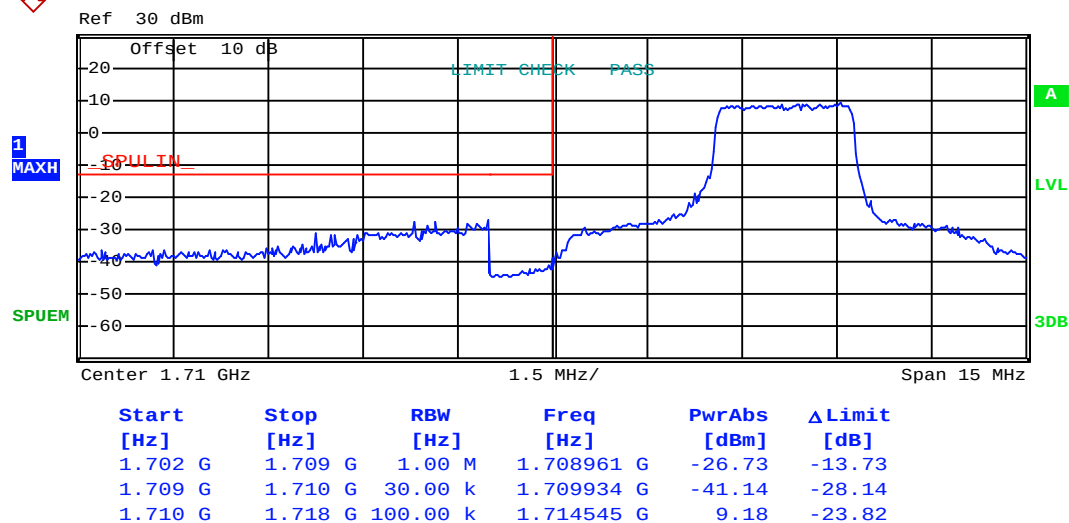


Lowest channel

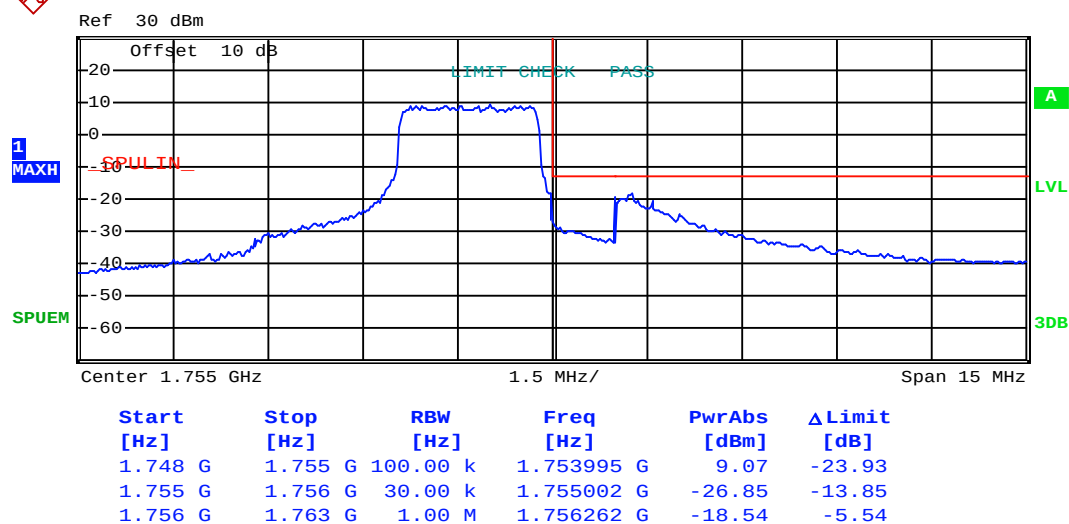


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 12 & RB Offset 11)
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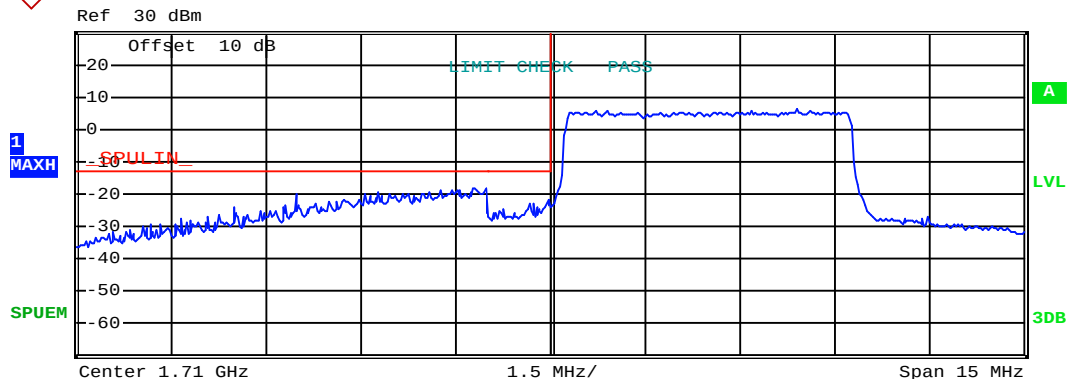
Lowest channel



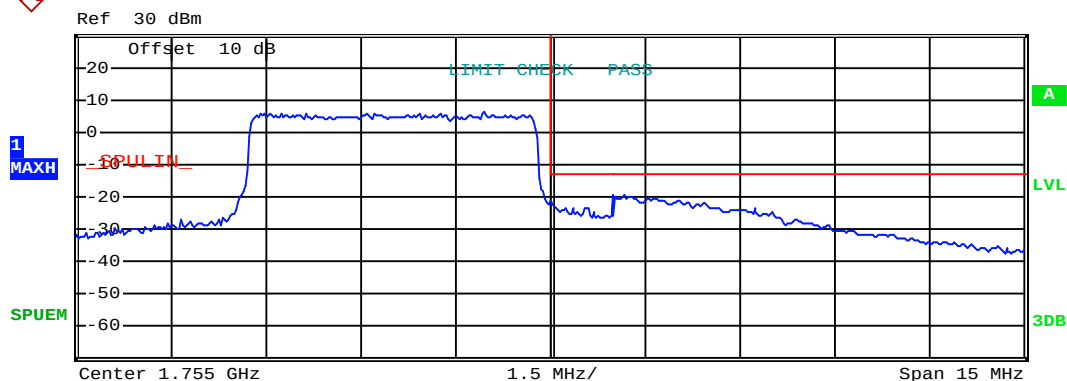
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 25 & RB Offset 0)



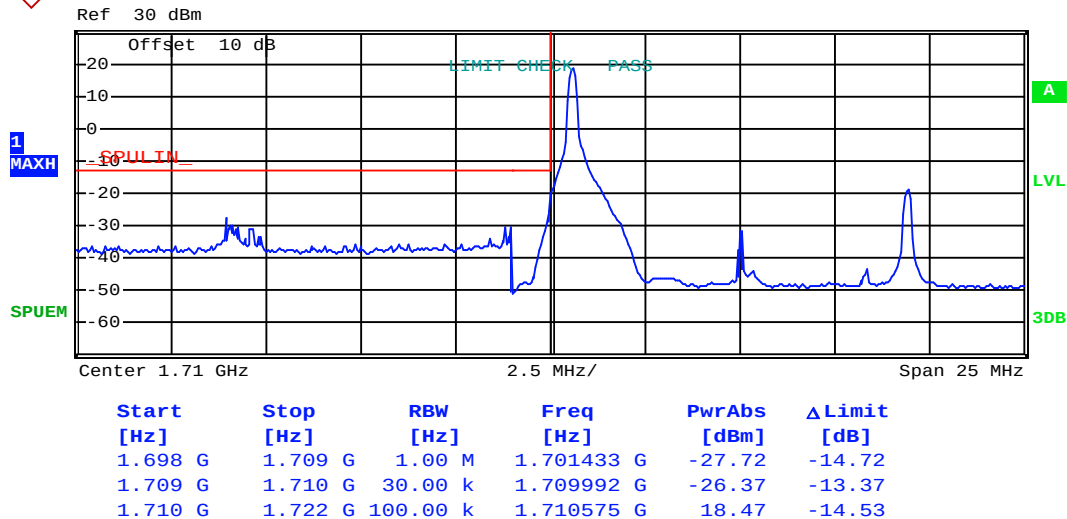
Lowest channel



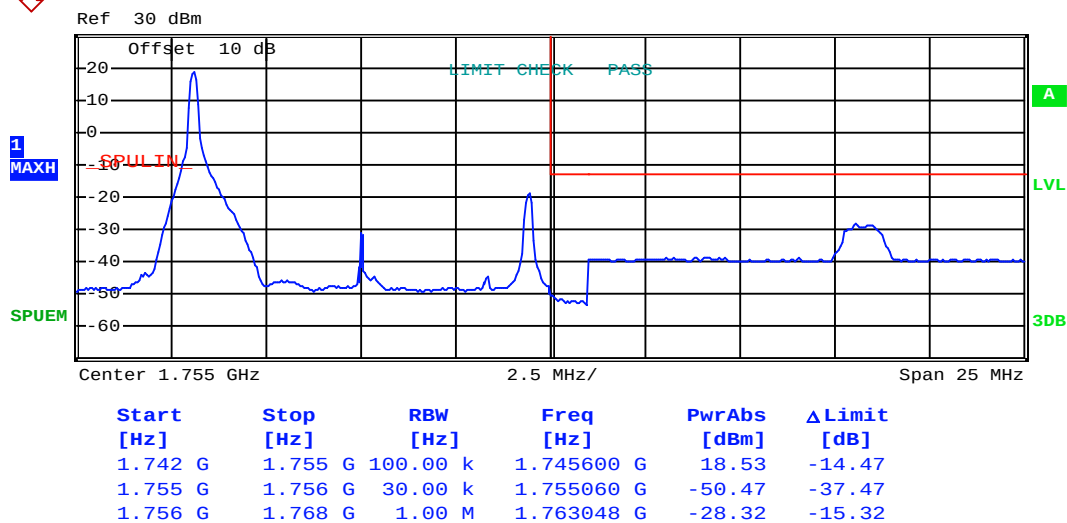
Highest channel

10MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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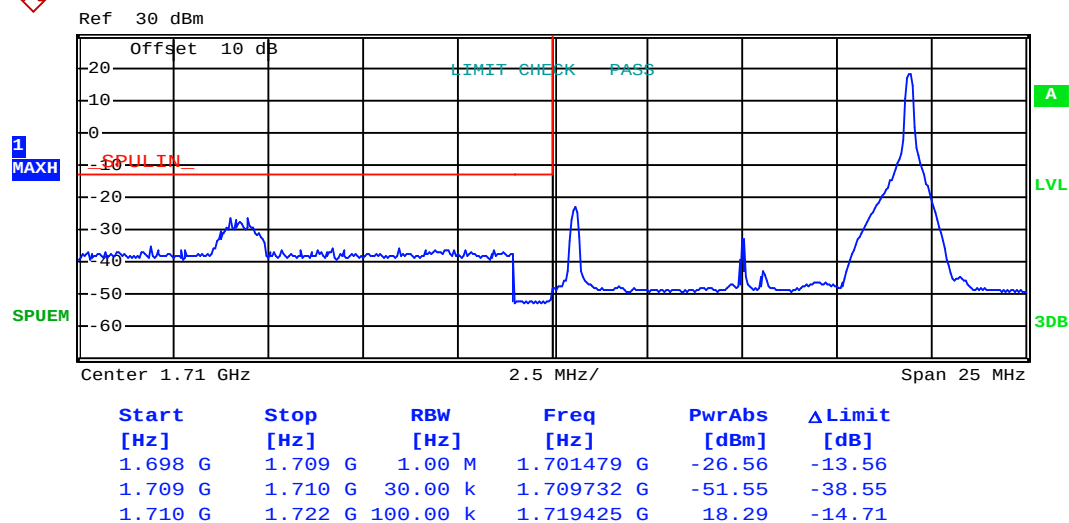


Lowest channel

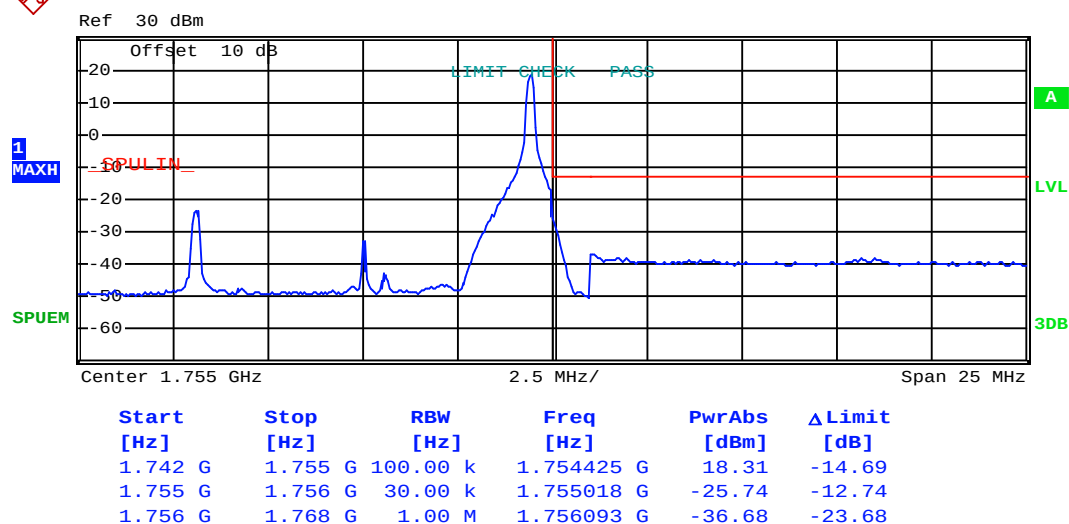


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 49)
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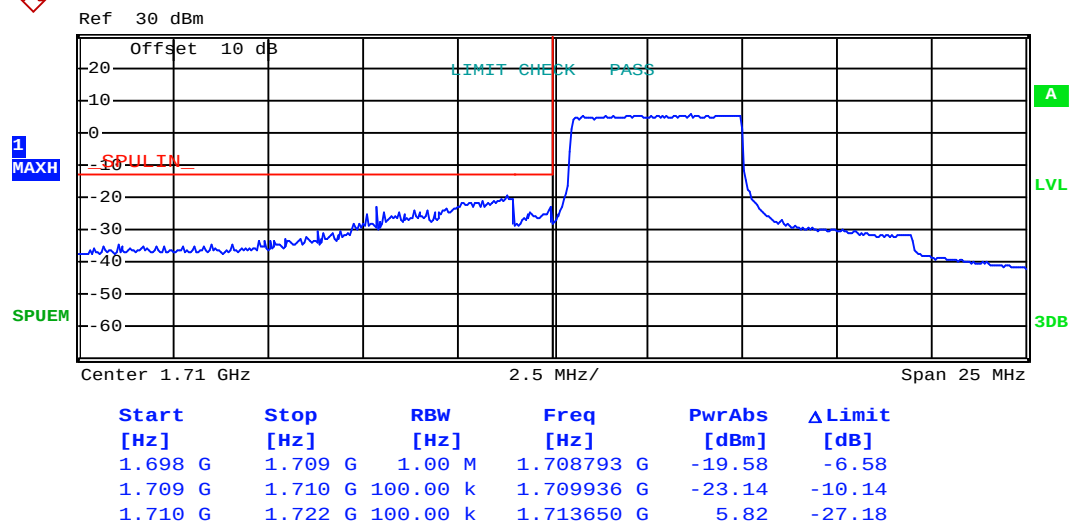


Lowest channel

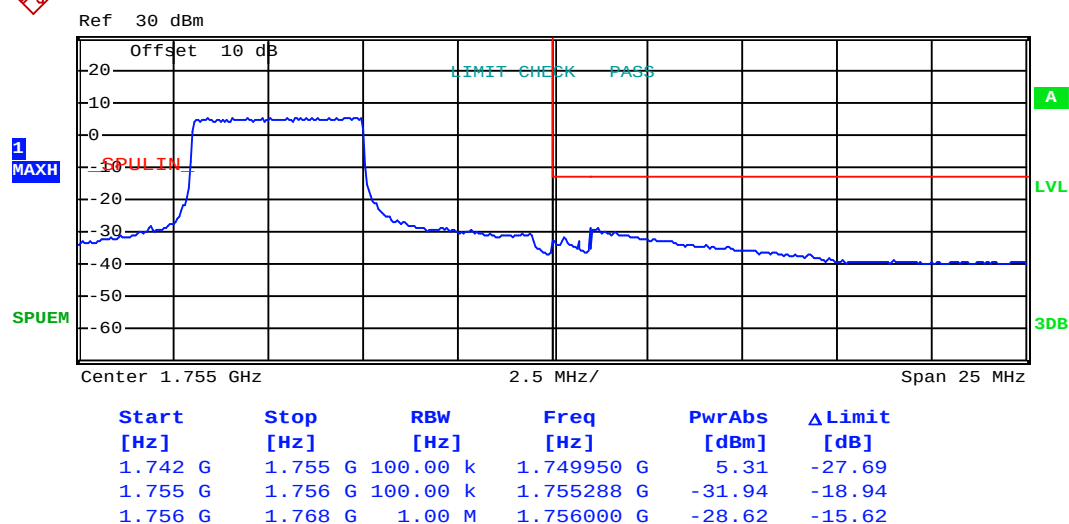


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)
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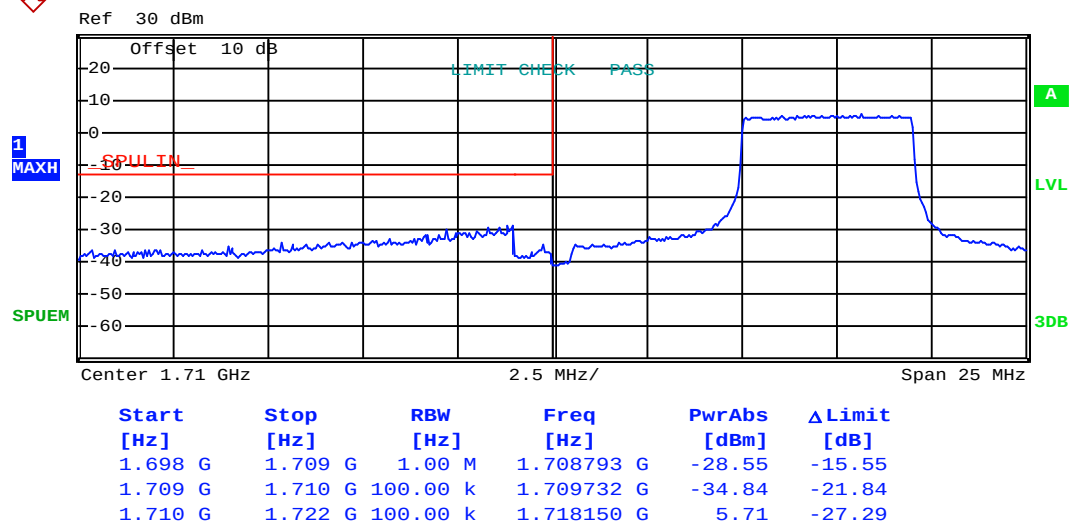


Lowest channel

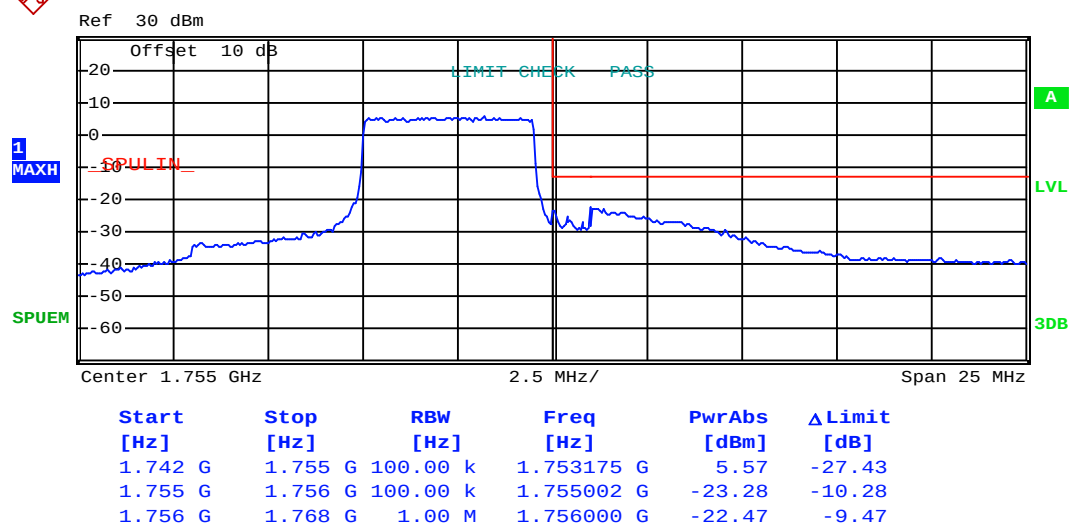


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 24)
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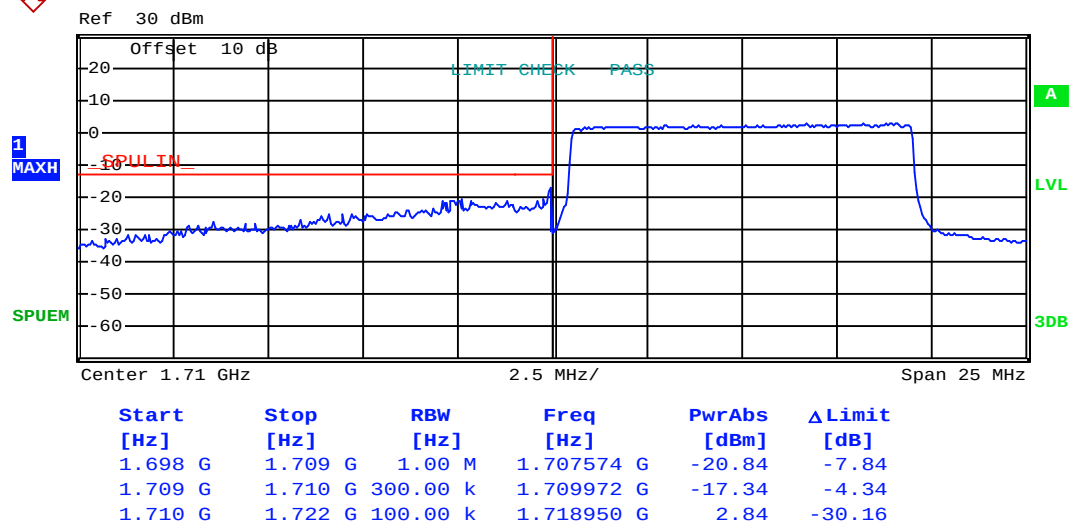
Lowest channel



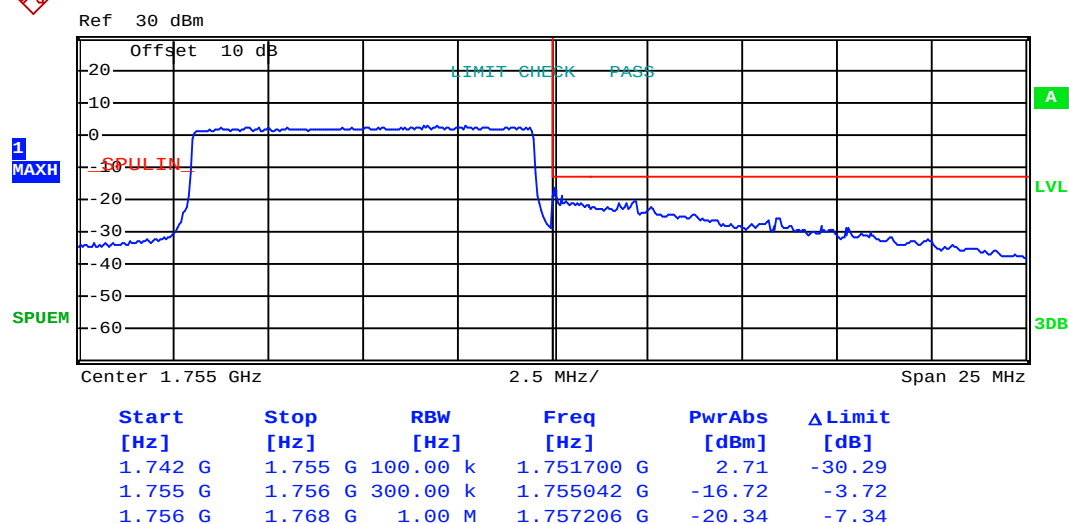
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 50 & RB Offset 0)

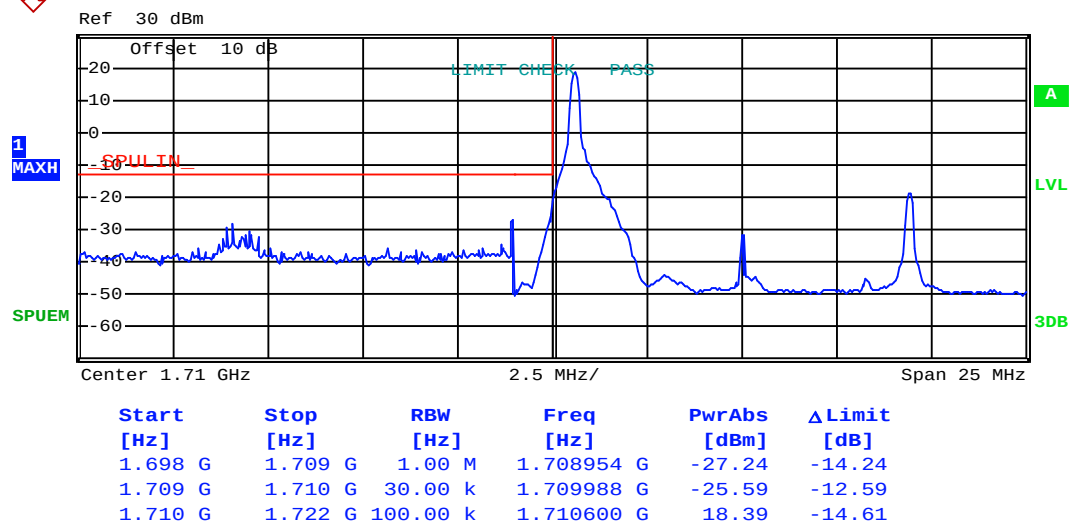


Lowest channel

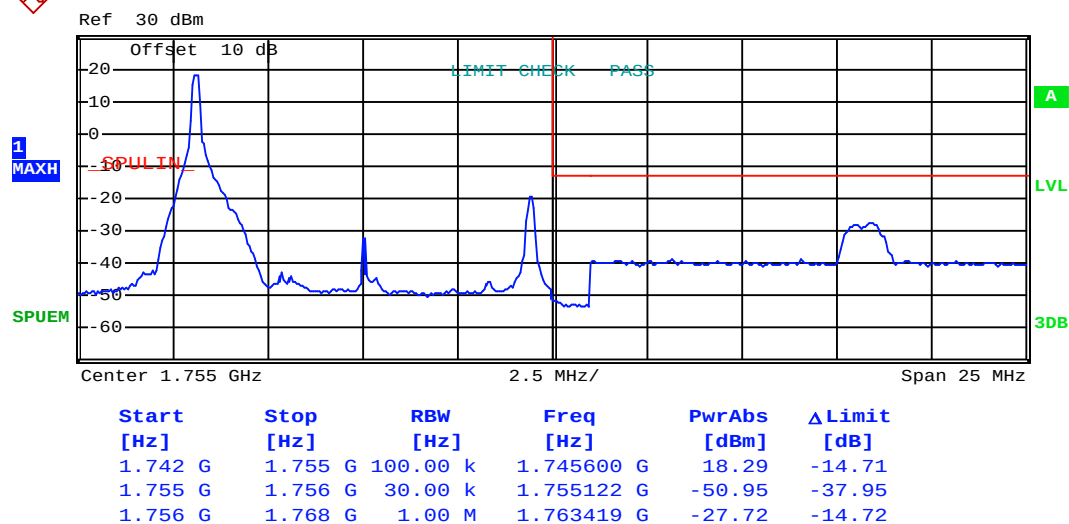


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)
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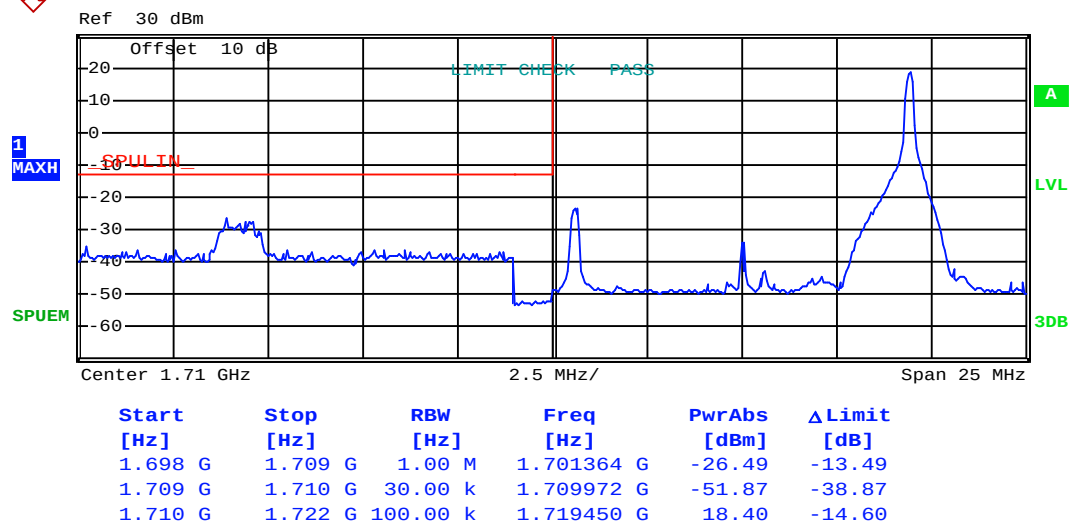


Lowest channel

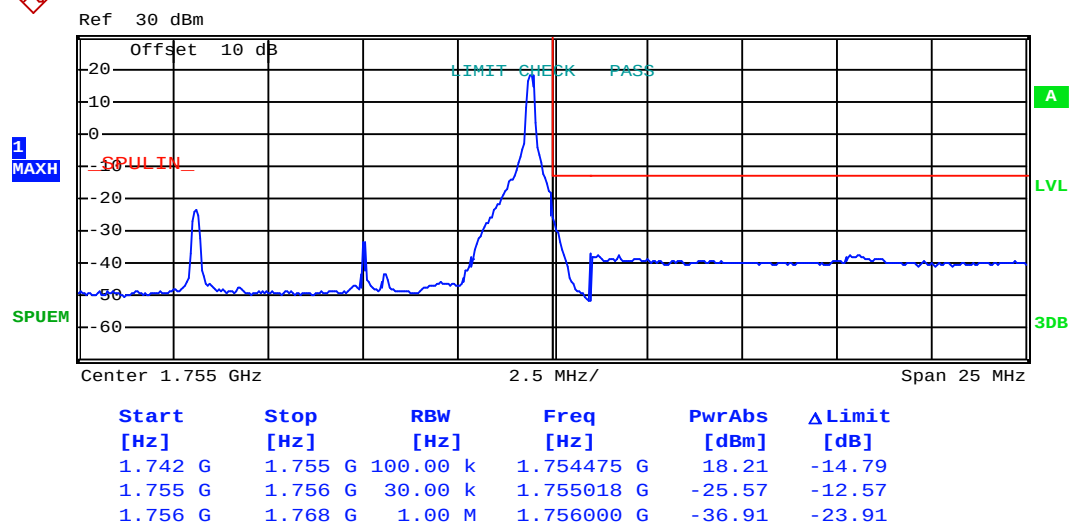


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 49)
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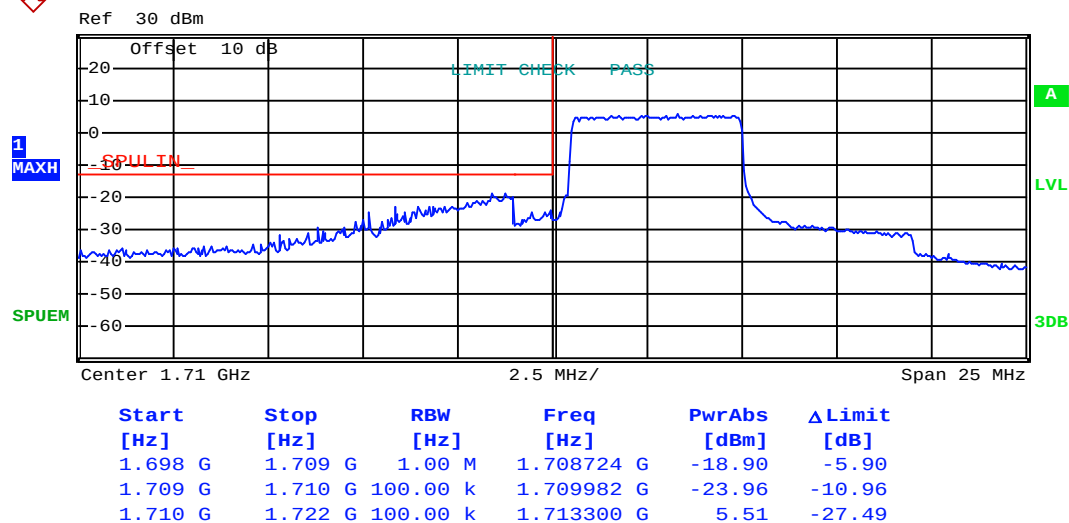


Lowest channel

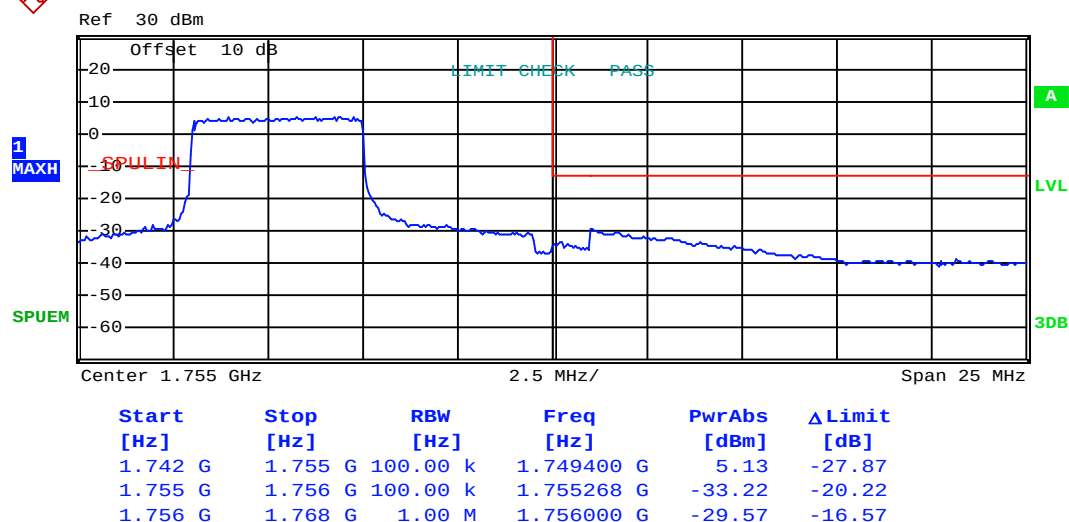


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 0)
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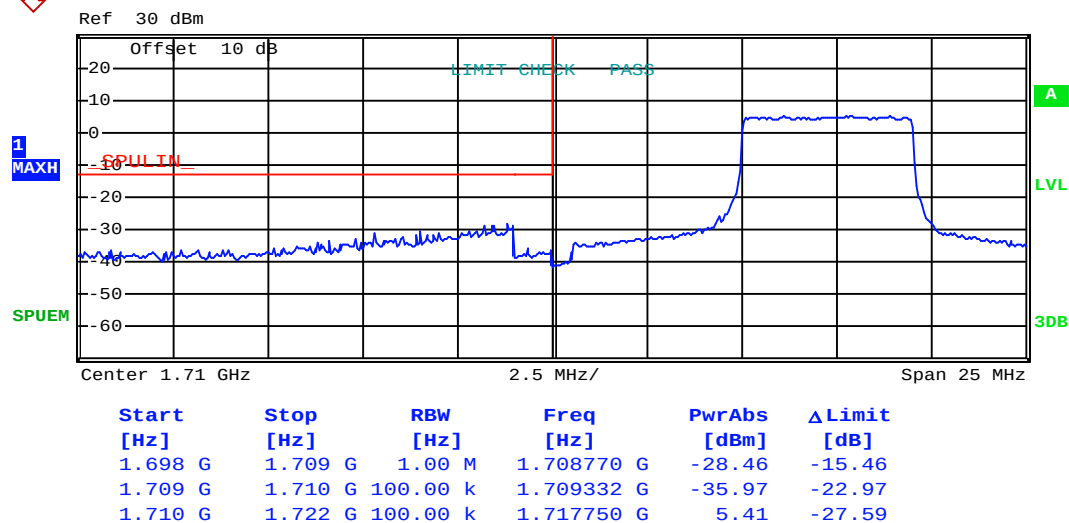


Lowest channel

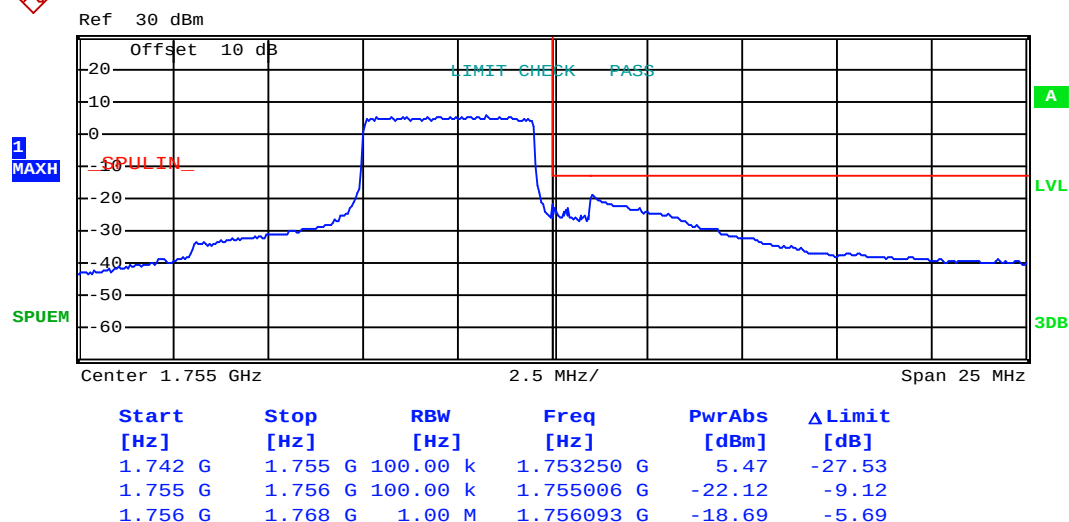


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 24)
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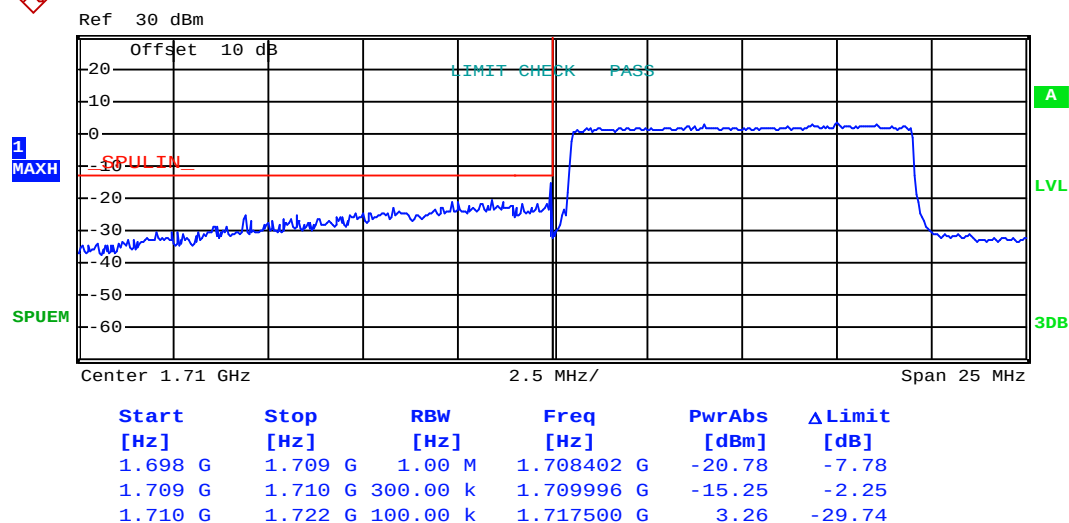
Lowest channel



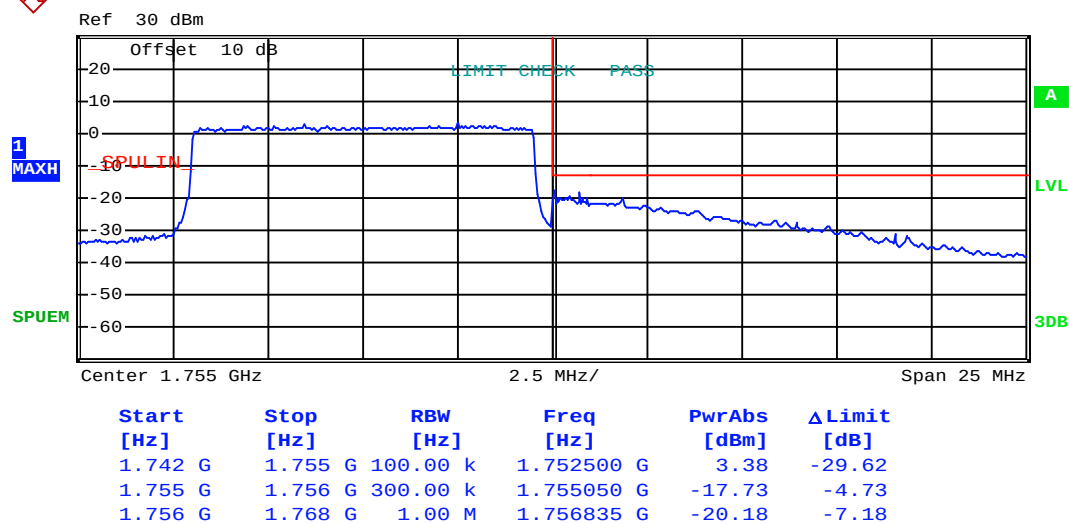
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 50 & RB Offset 0)



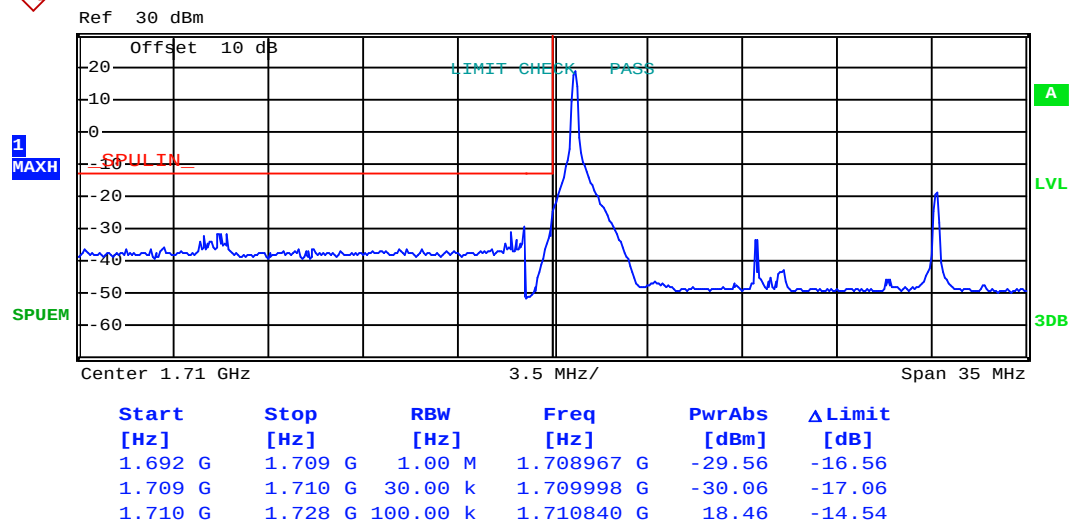
Lowest channel



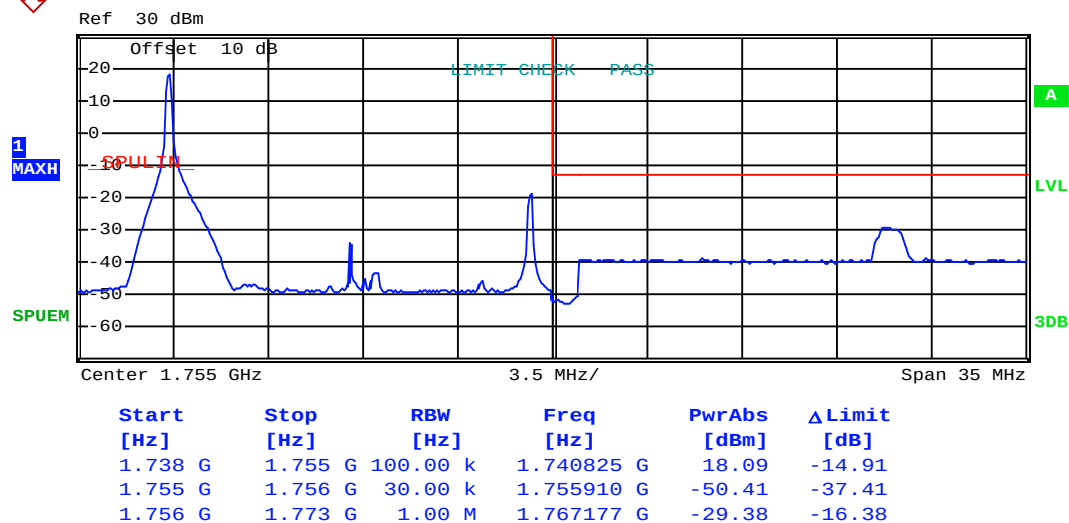
Highest channel

15MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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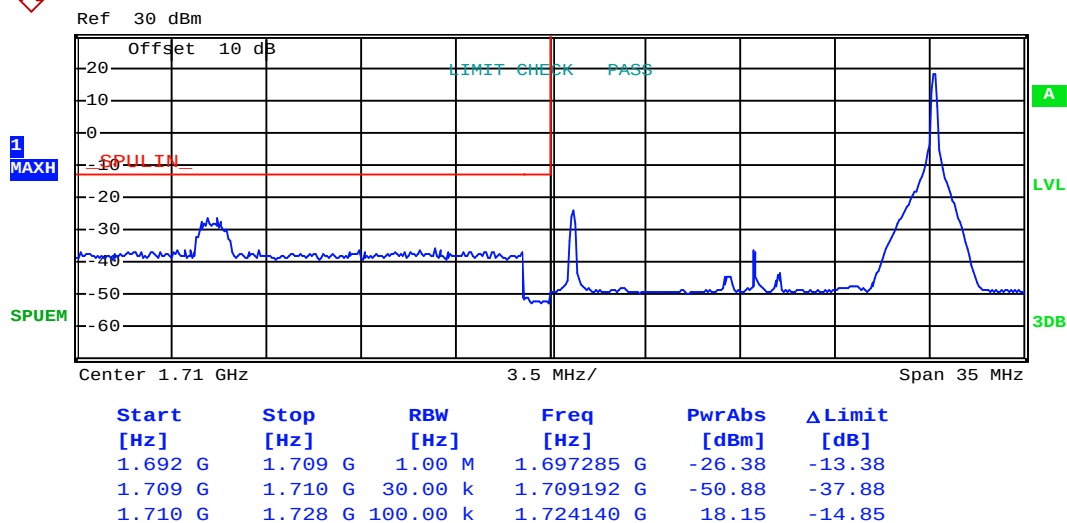
Lowest channel



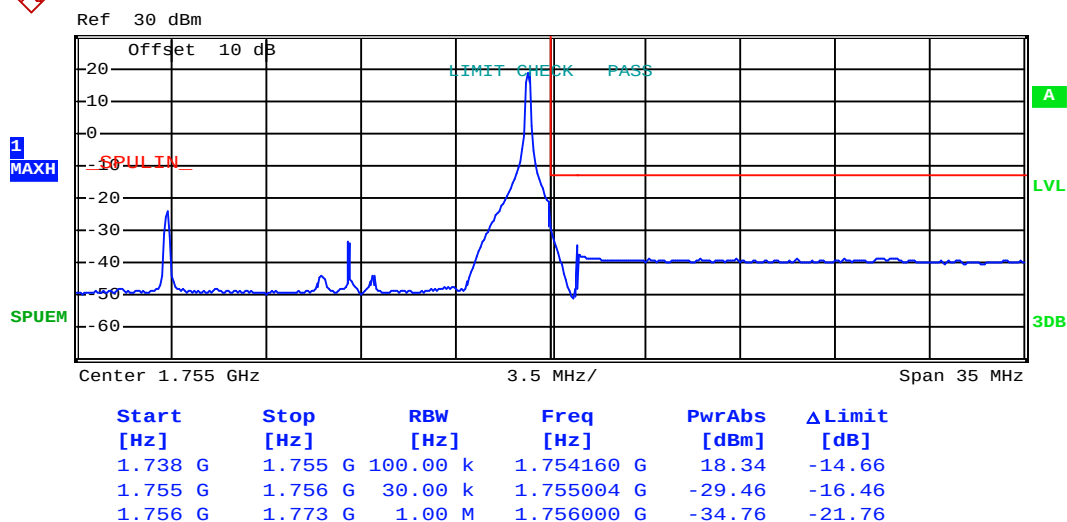
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 74)



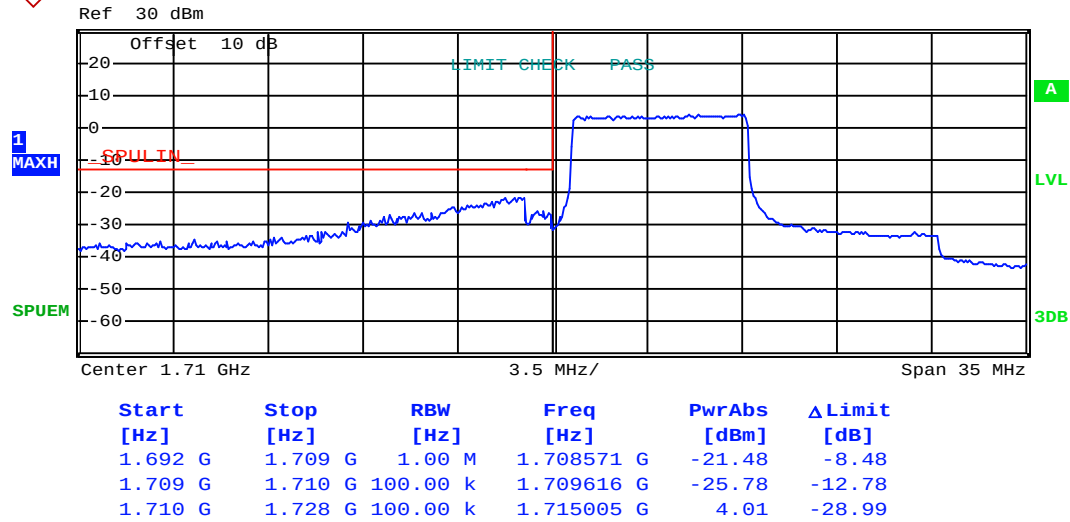
Lowest channel



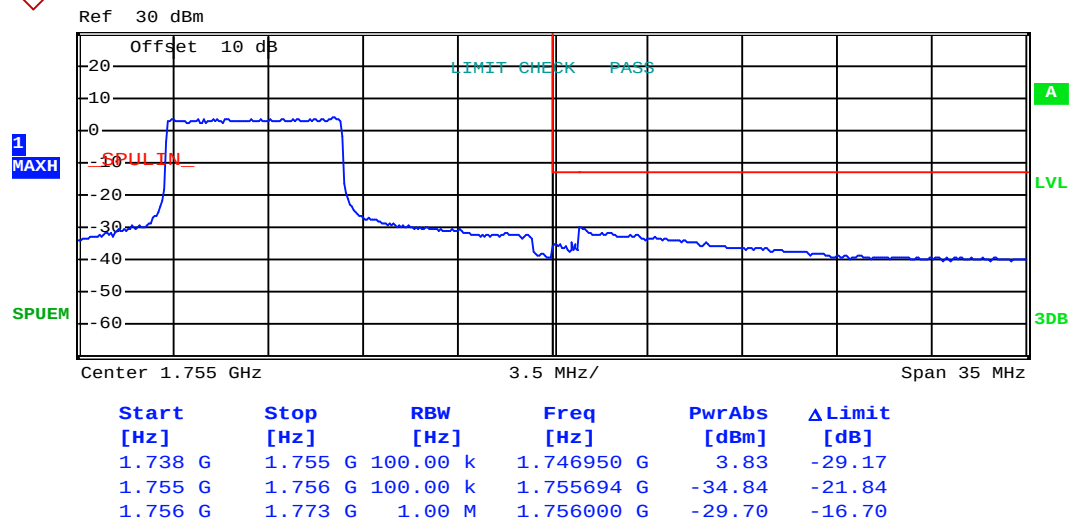
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 36 & RB Offset 0)



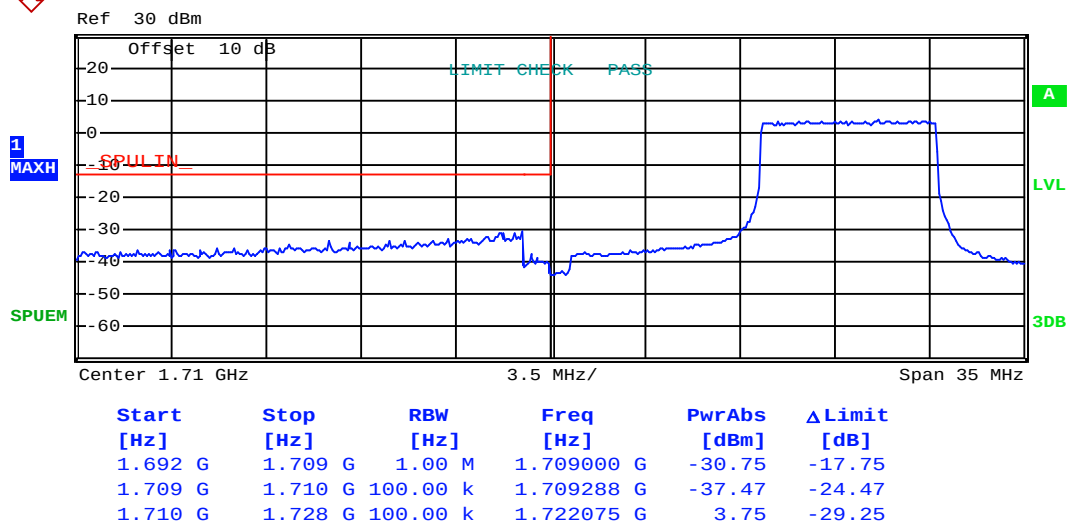
Lowest channel



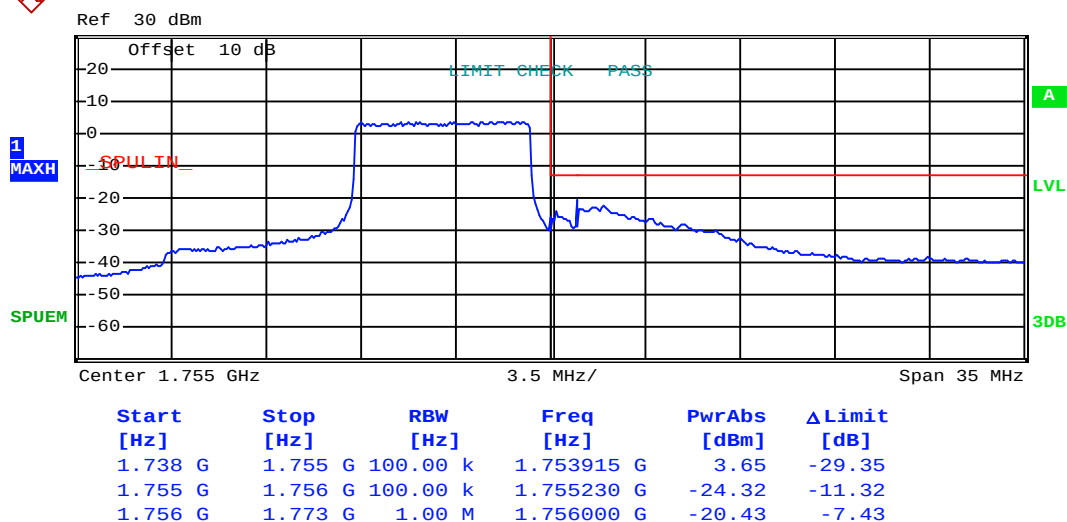
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 36 & RB Offset 35)



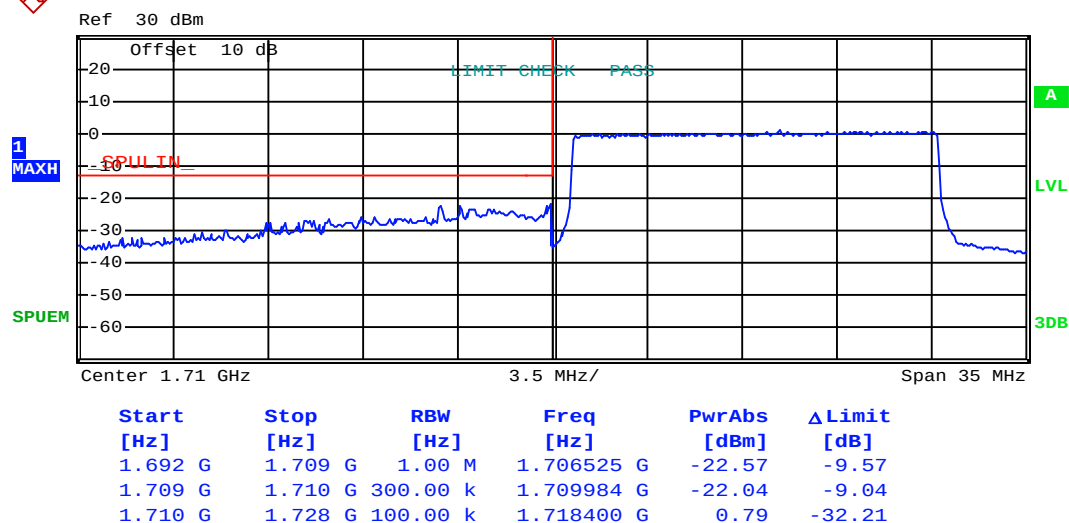
Lowest channel



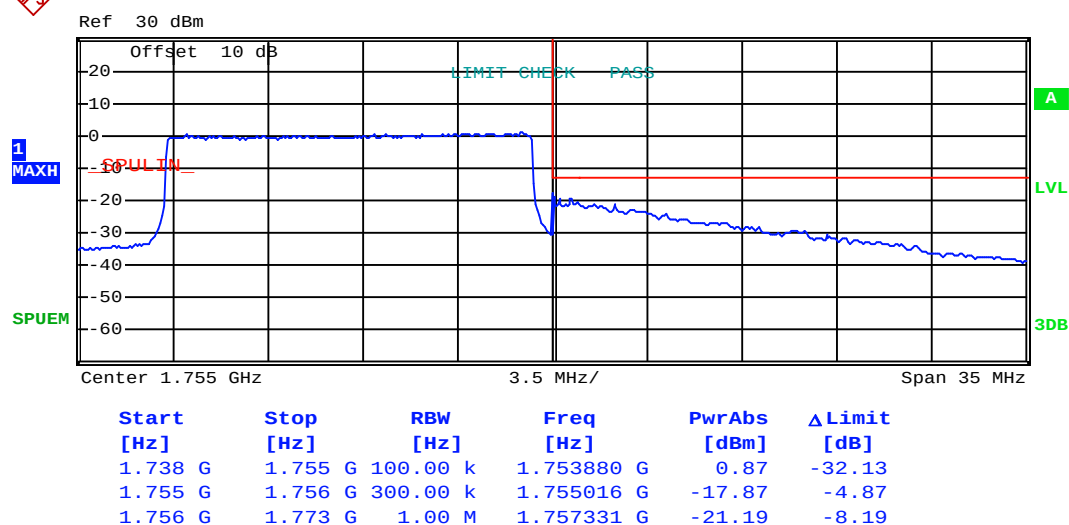
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 75 & RB Offset 0)

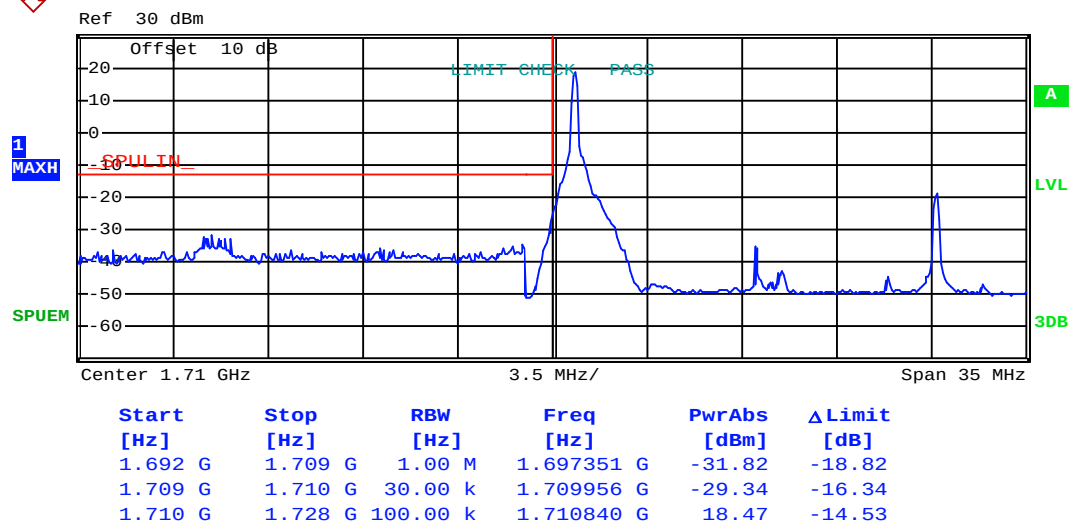


Lowest channel

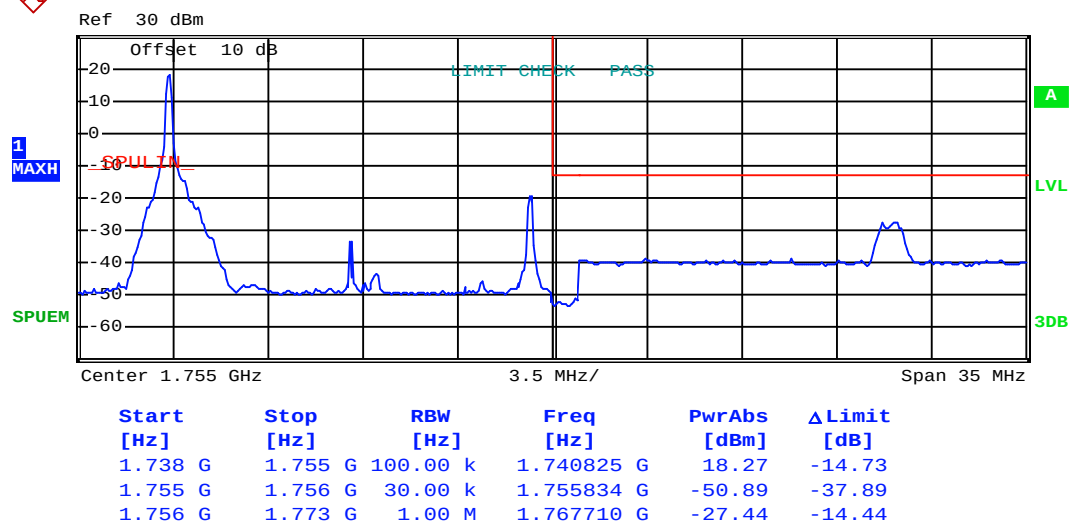


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)
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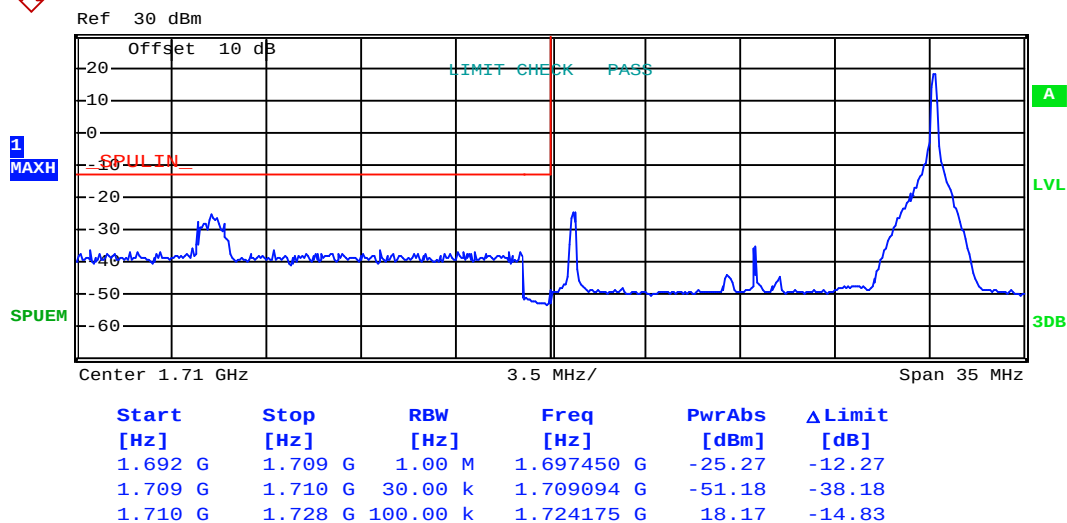
Lowest channel



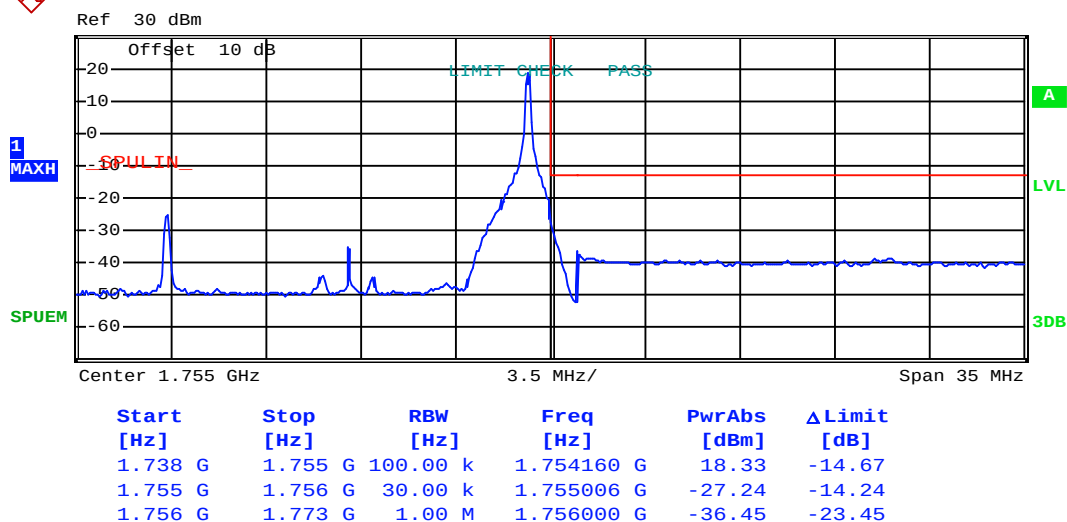
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 74)



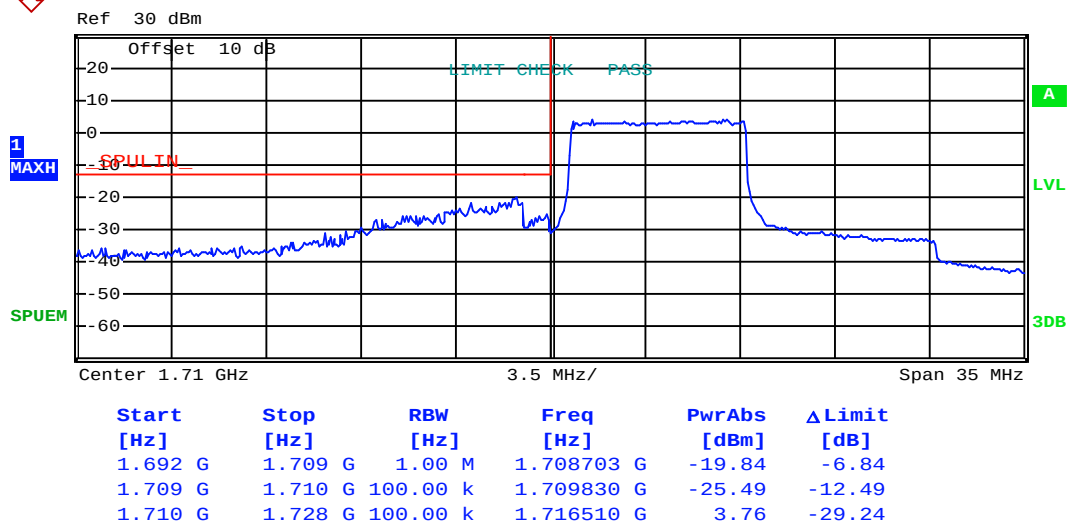
Lowest channel



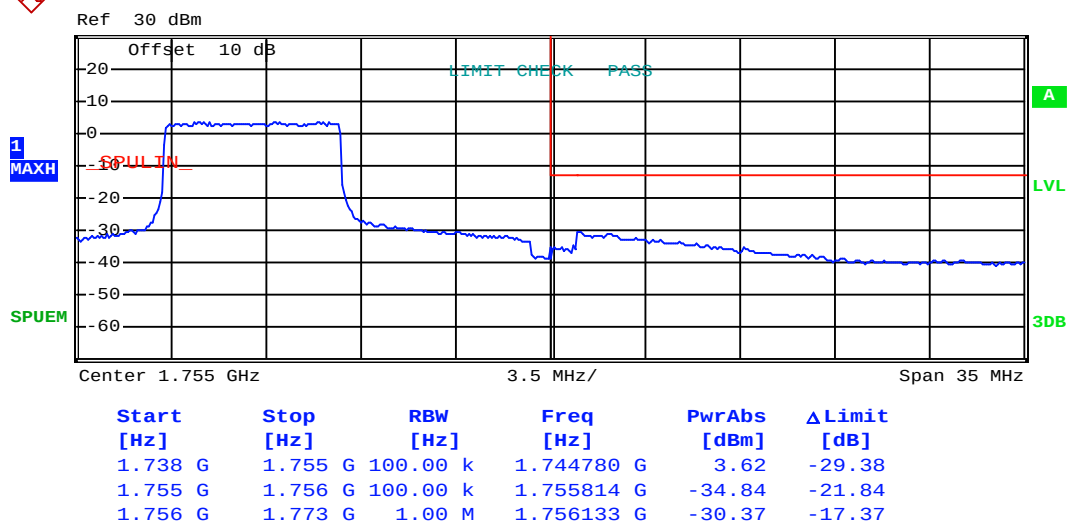
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 36 & RB Offset 0)



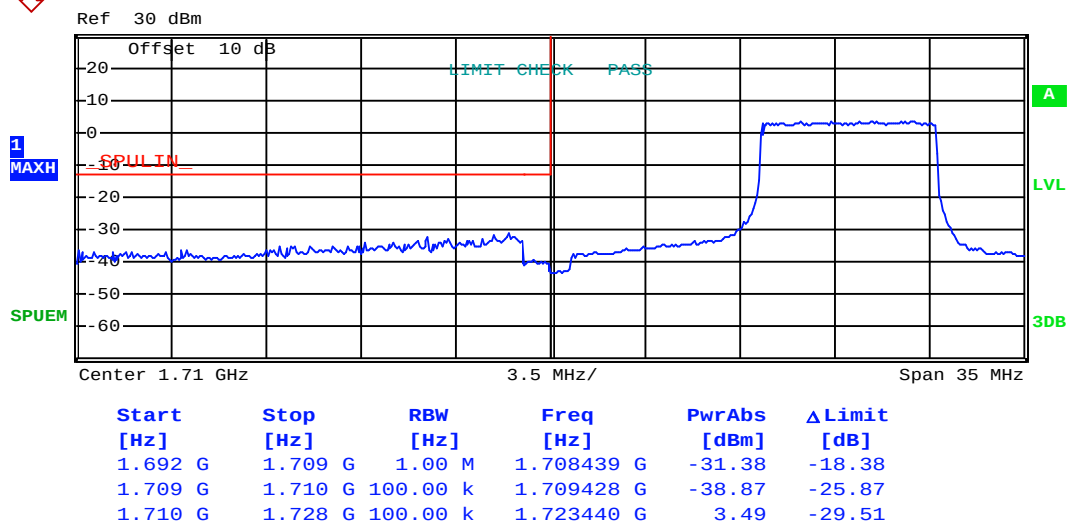
Lowest channel



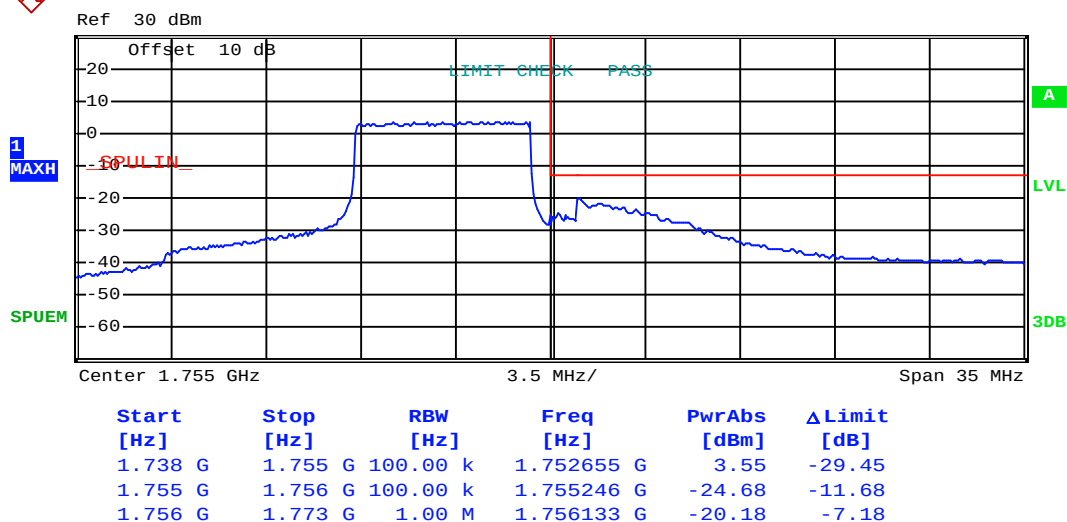
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 36 & RB Offset 35)



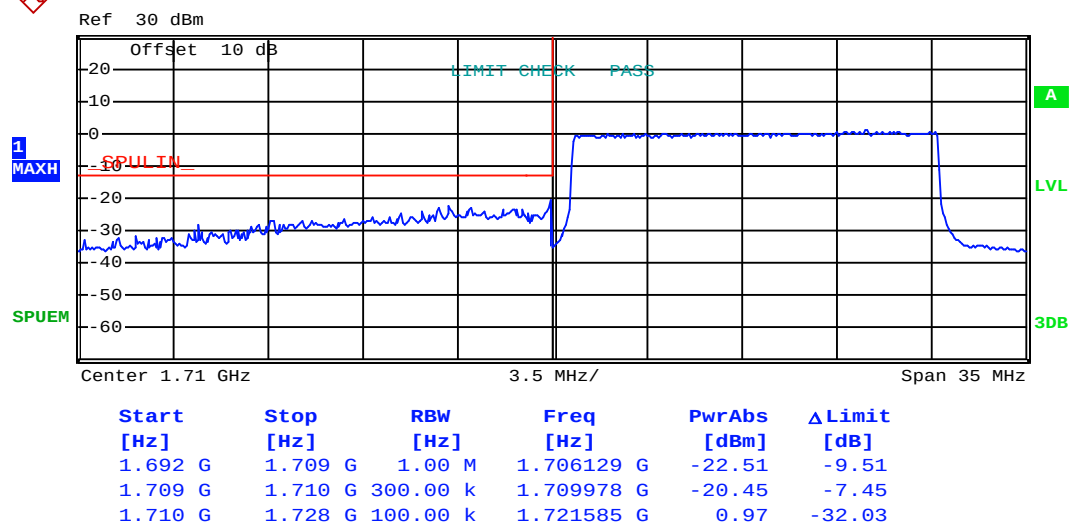
Lowest channel



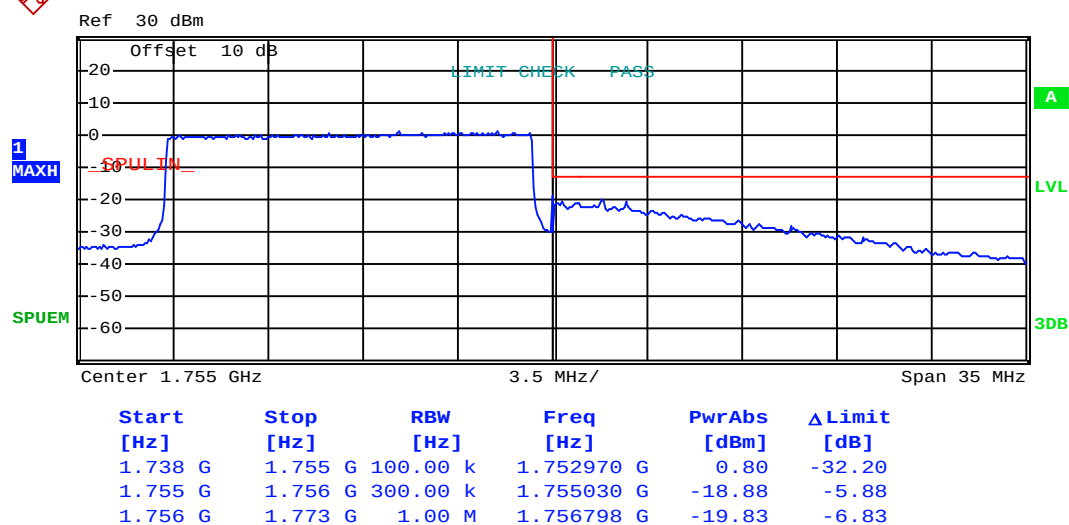
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 75 & RB Offset 0)



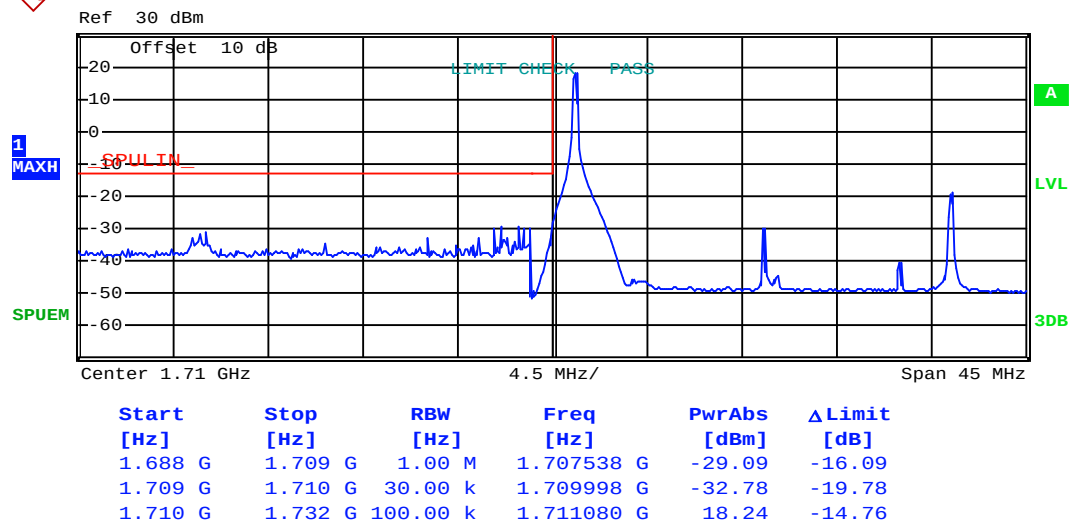
Lowest channel



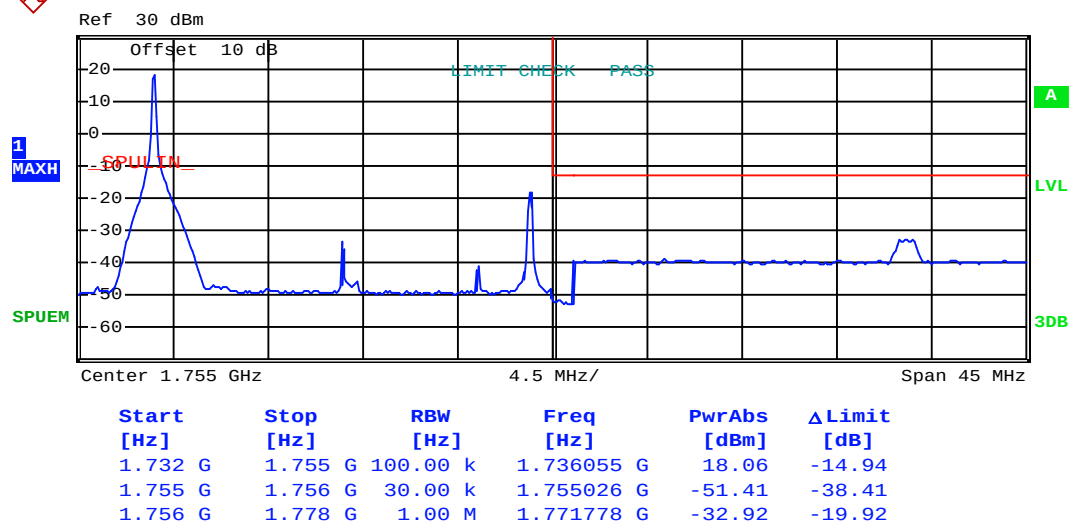
Highest channel

20MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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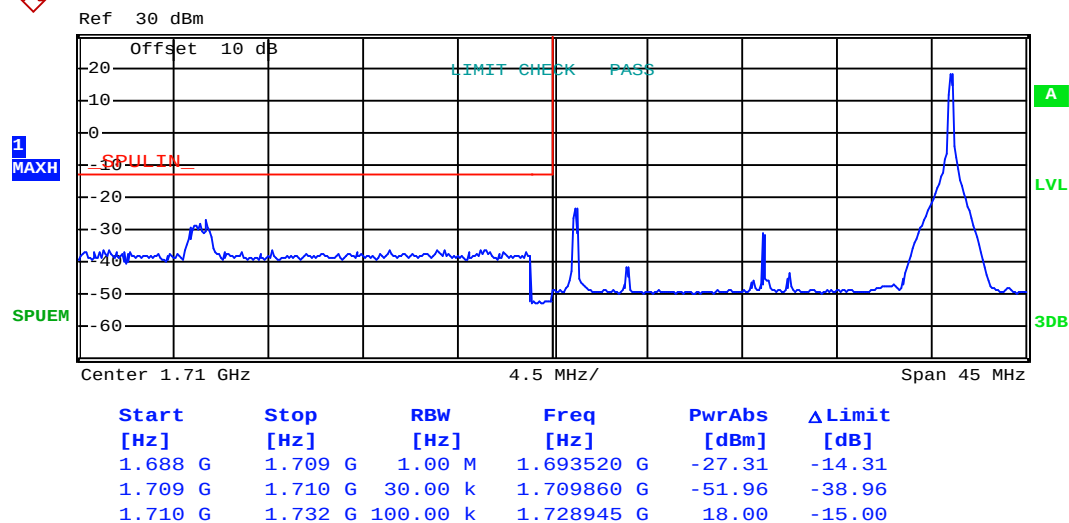
Lowest channel



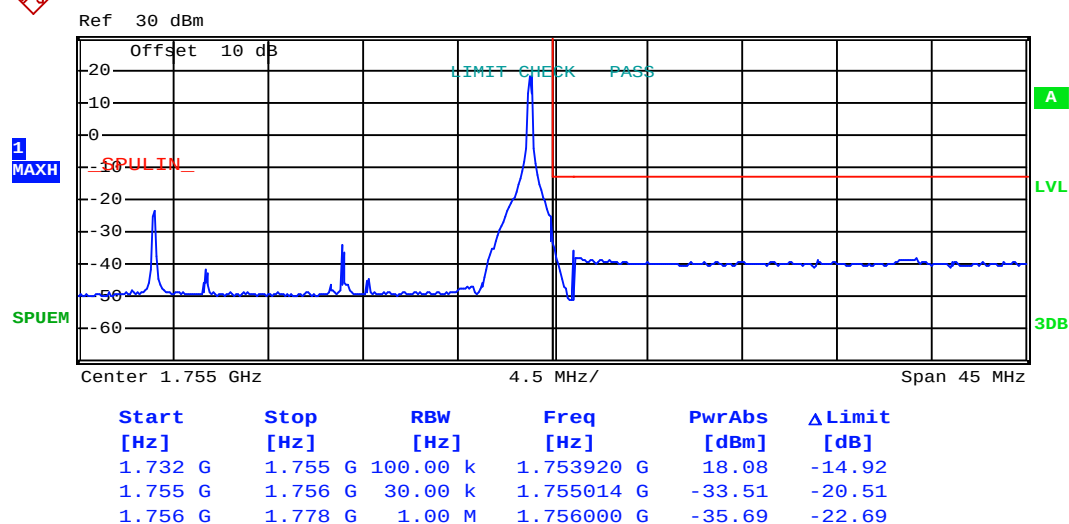
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 99)

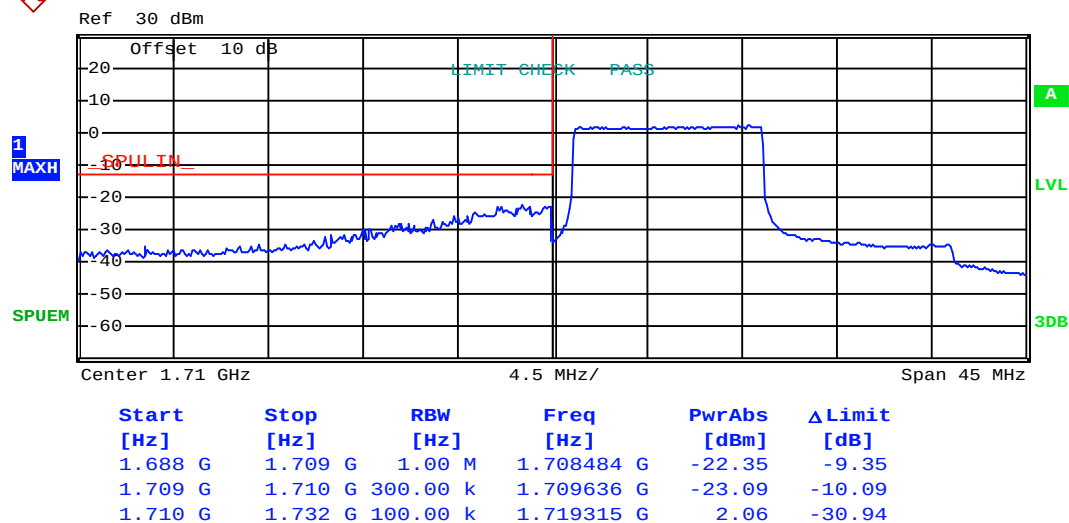


Lowest channel

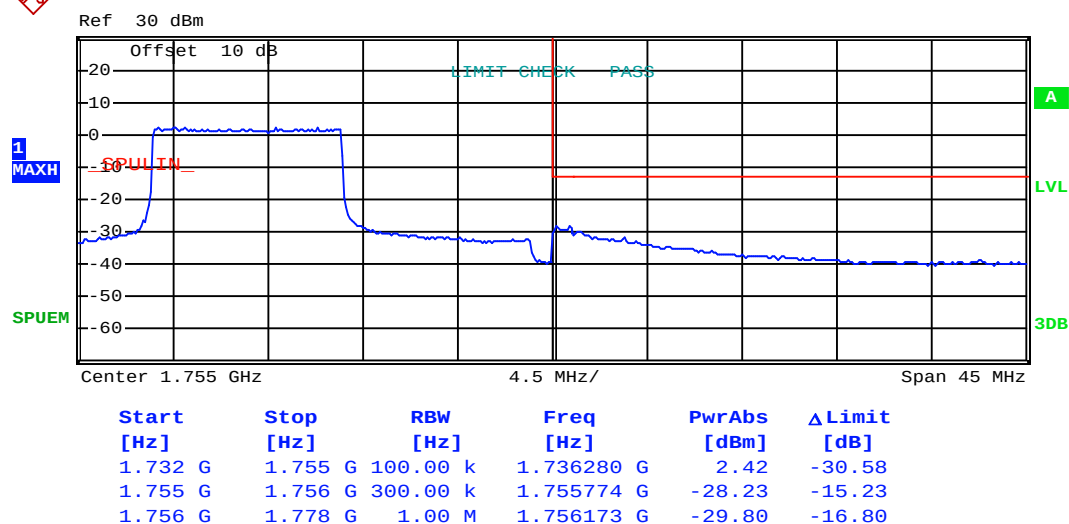


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)
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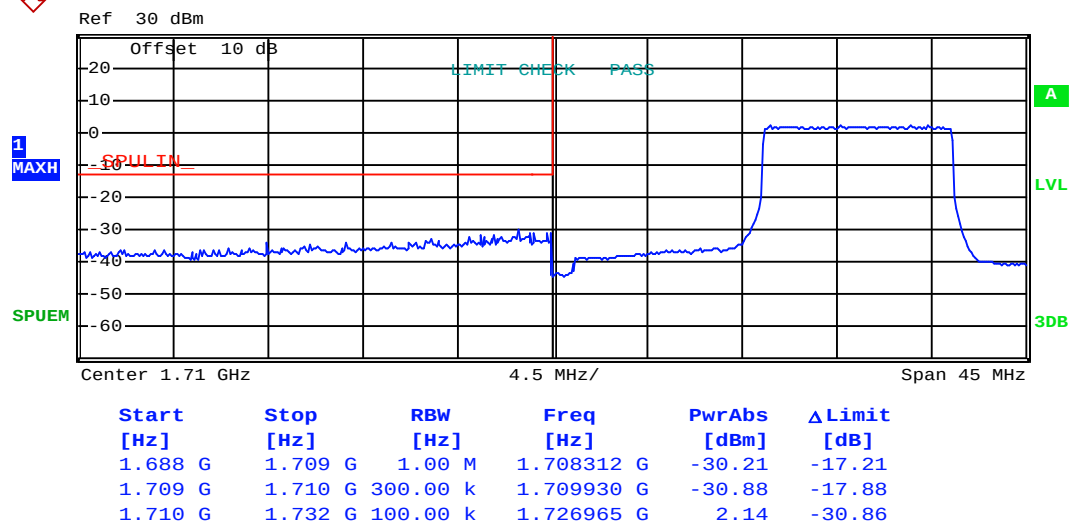


Lowest channel

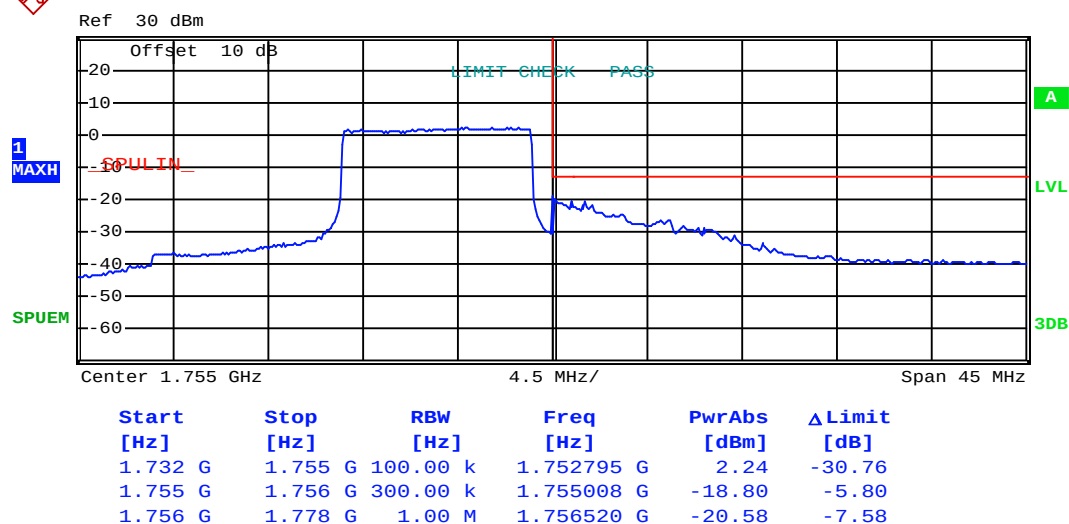


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 49)
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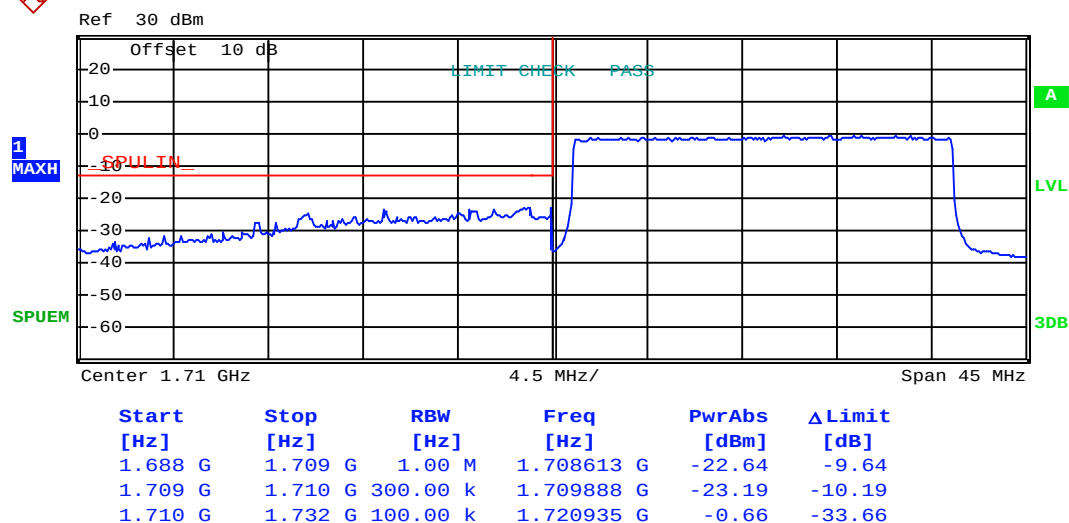
Lowest channel



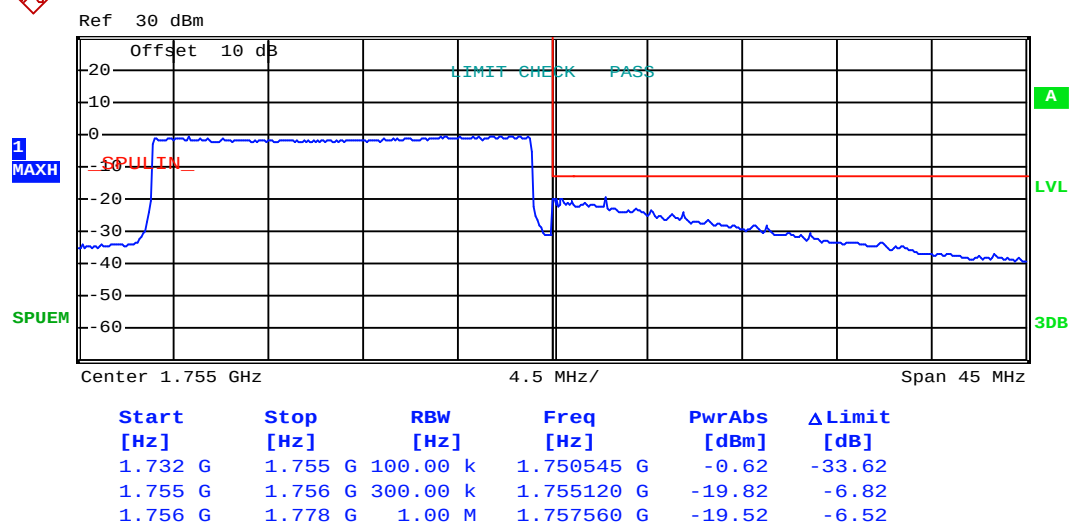
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 100 & RB Offset 0)



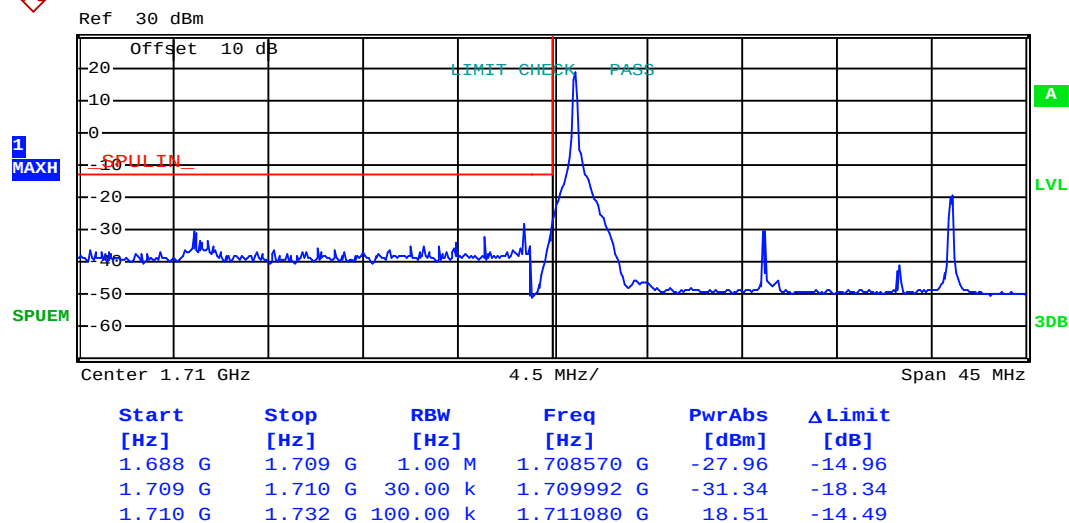
Lowest channel



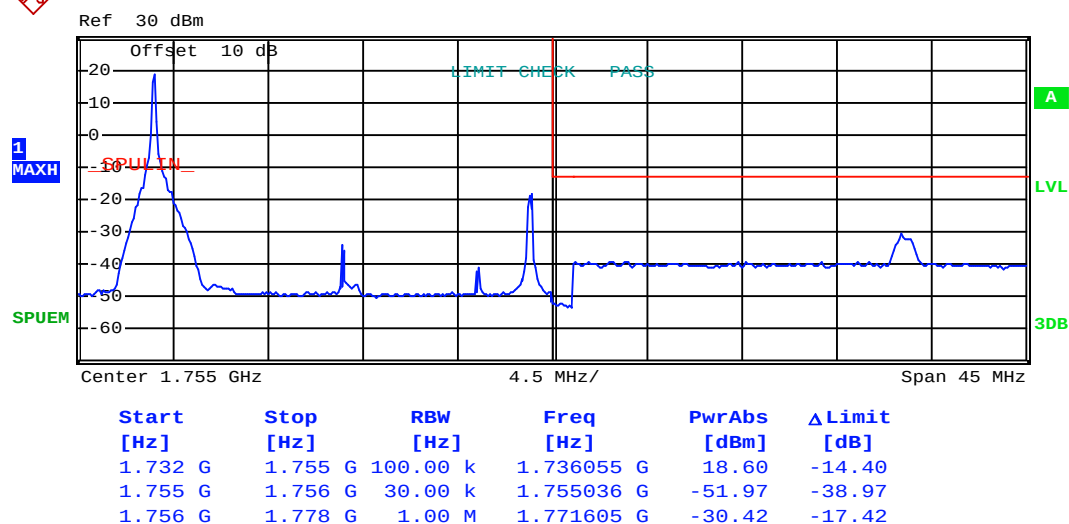
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



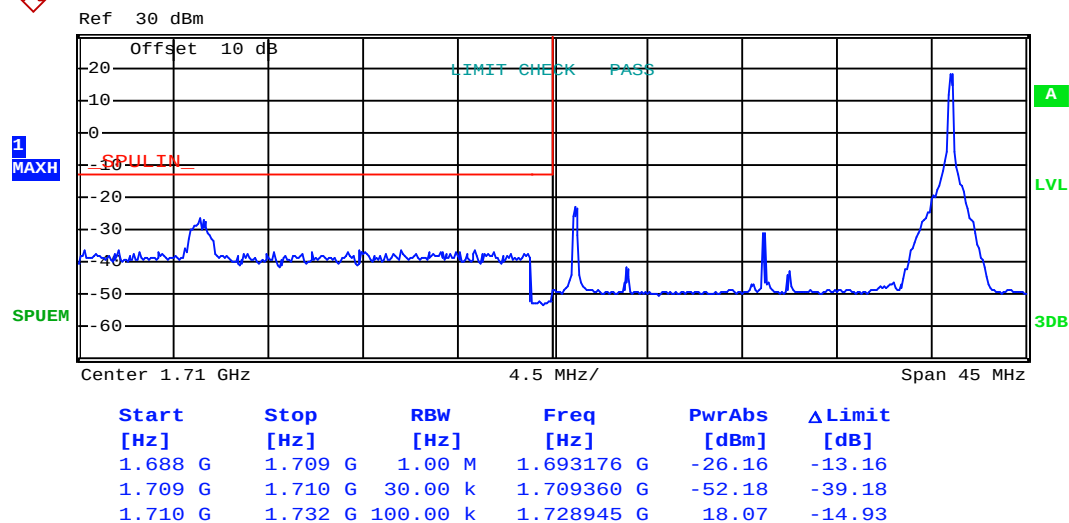
Lowest channel



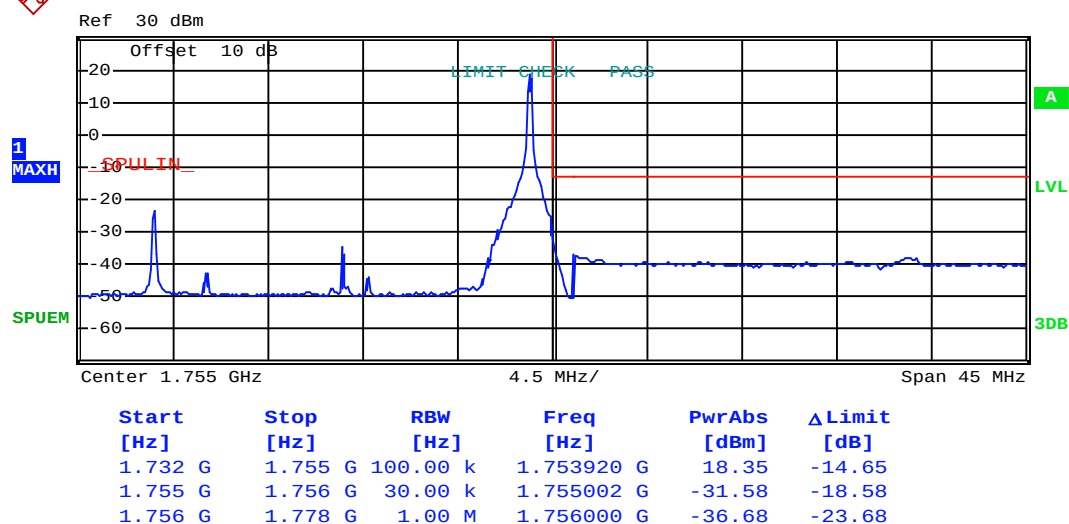
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 99)

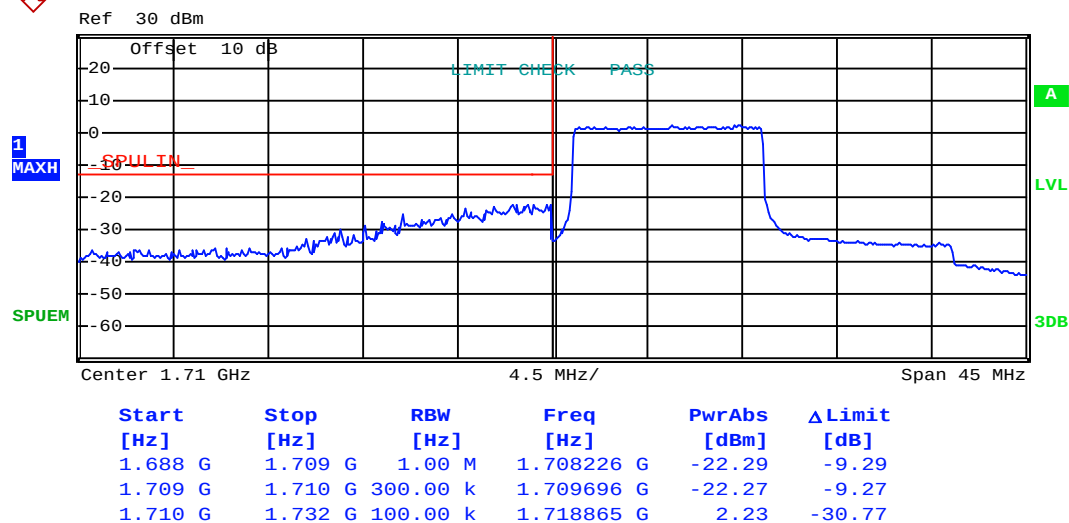


Lowest channel

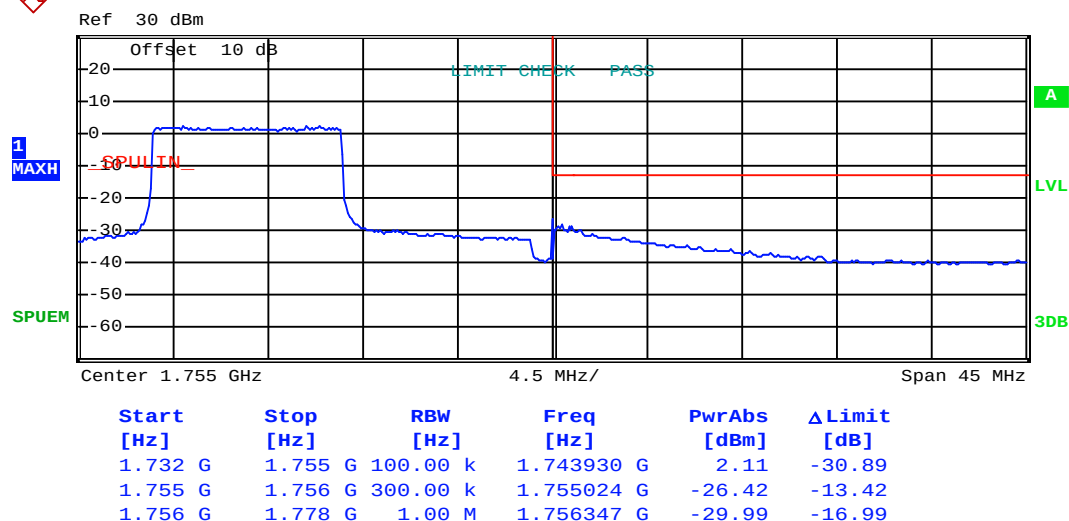


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 0)
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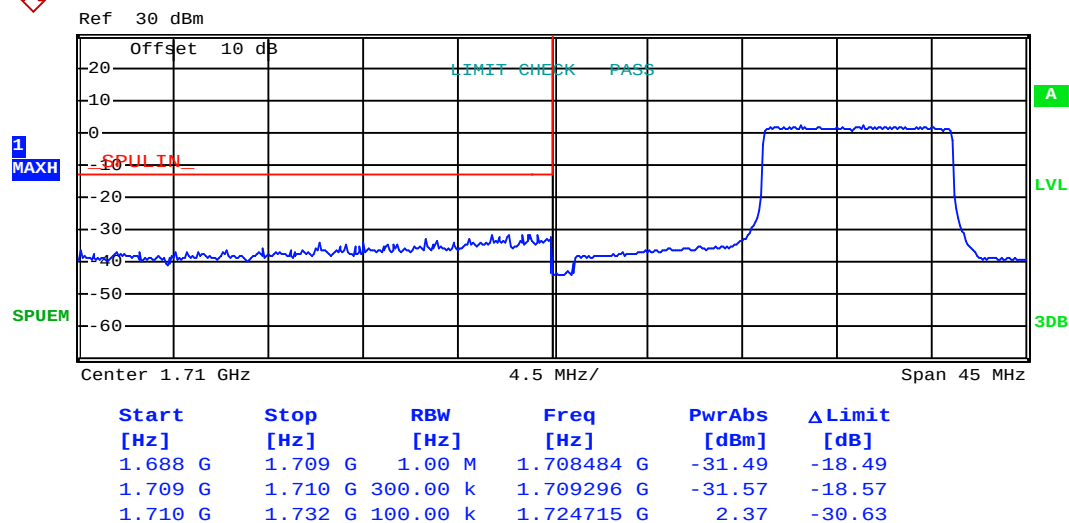


Lowest channel

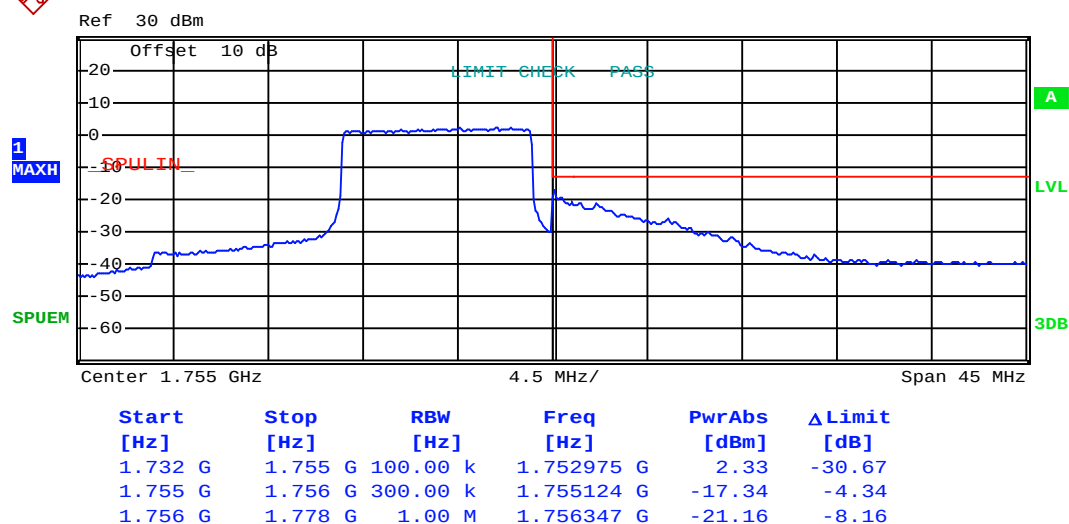


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 49)
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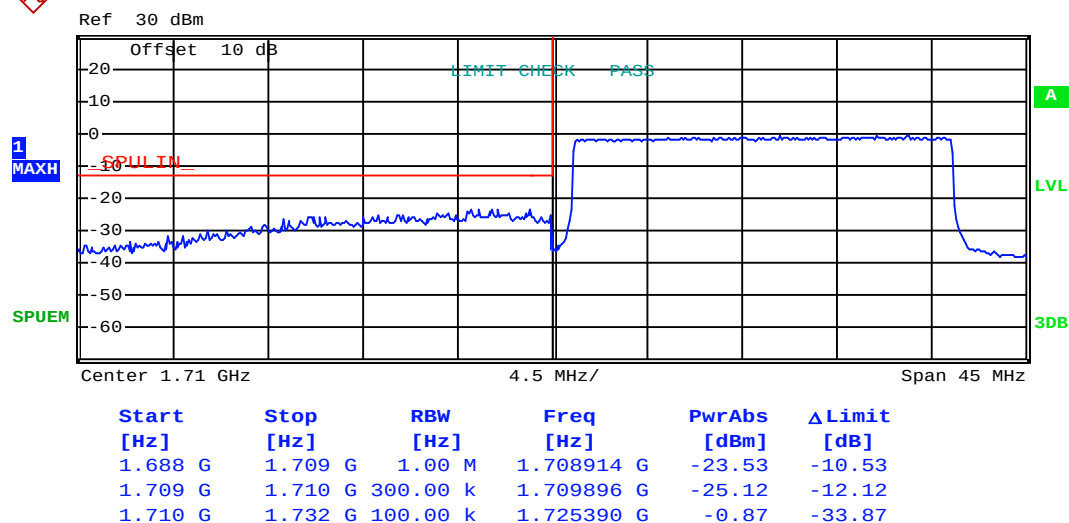
Lowest channel



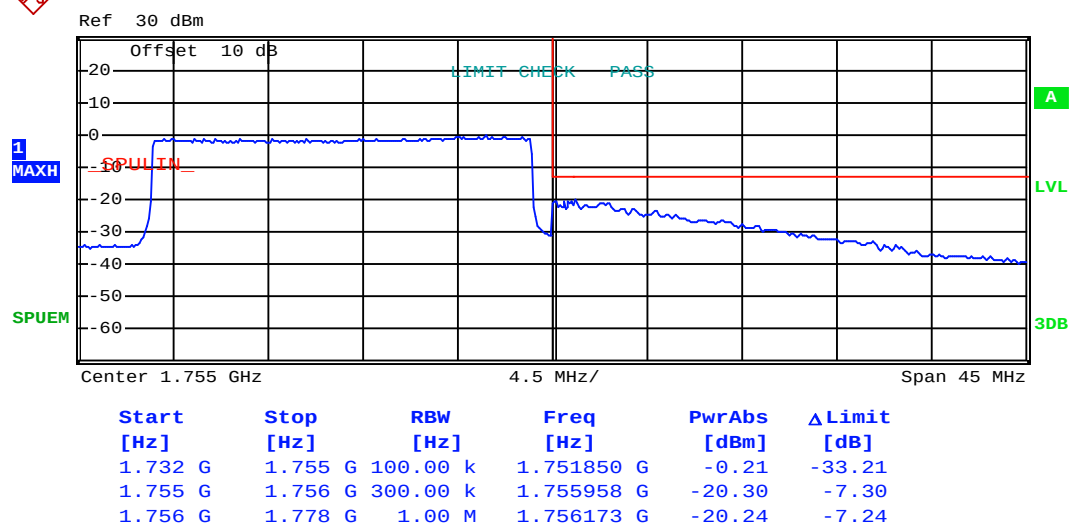
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 100 & RB Offset 0)



Lowest channel

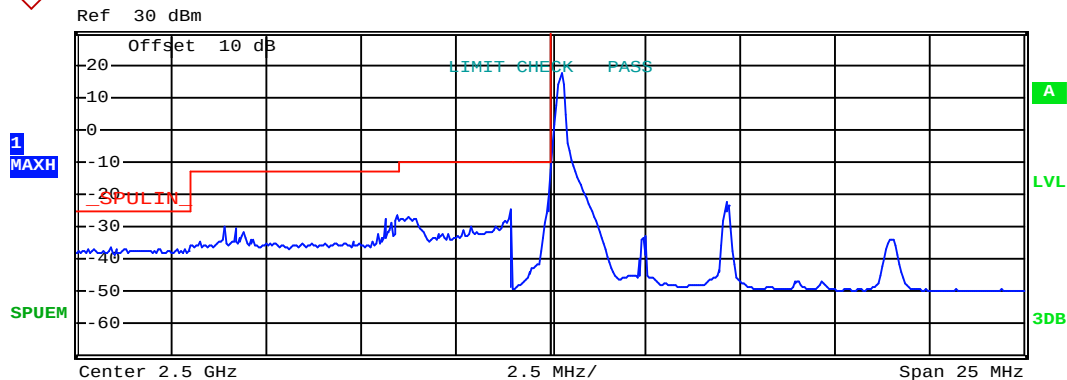


Highest channel

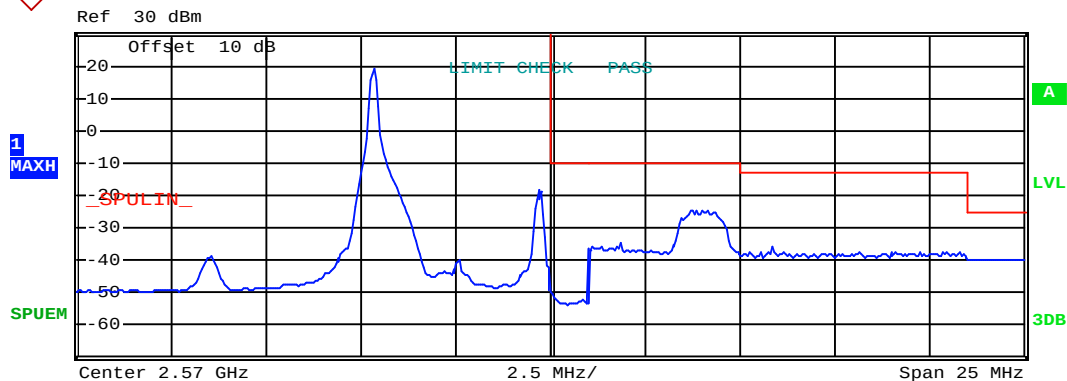
LTE band 7 part:

5MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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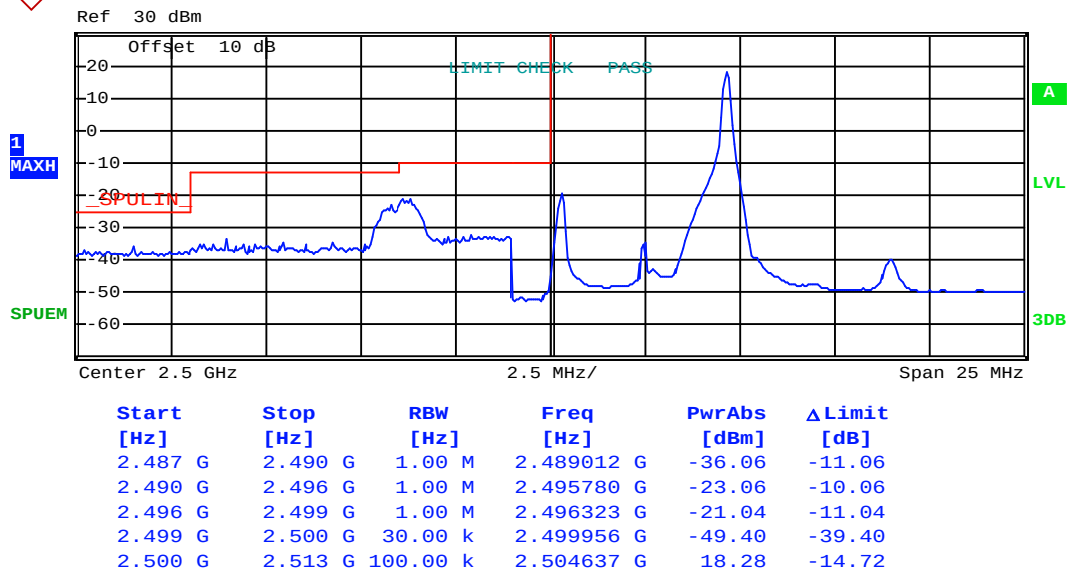
Lowest channel



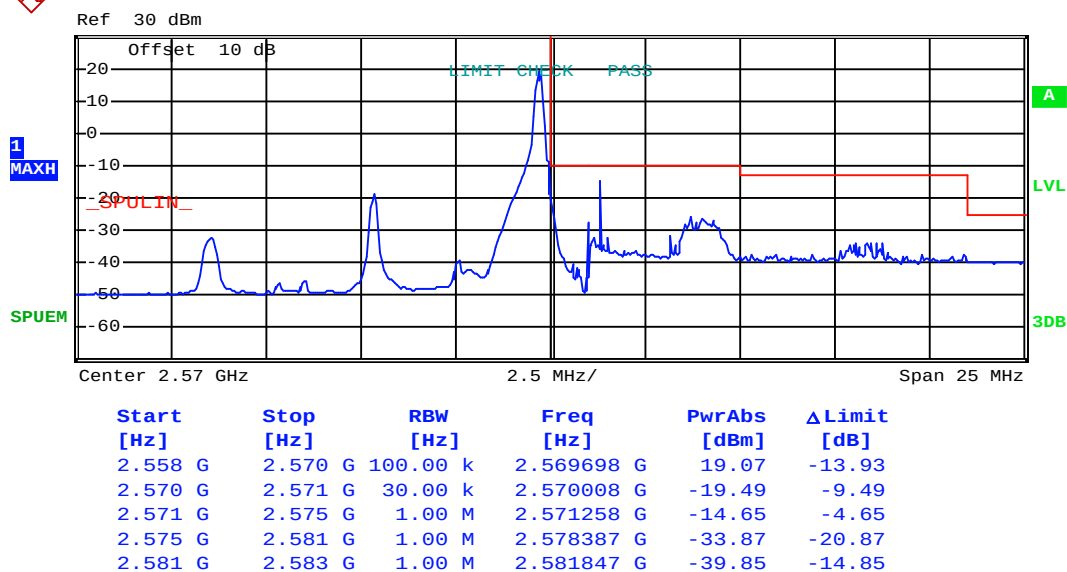
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 1 & RB Offset 24)



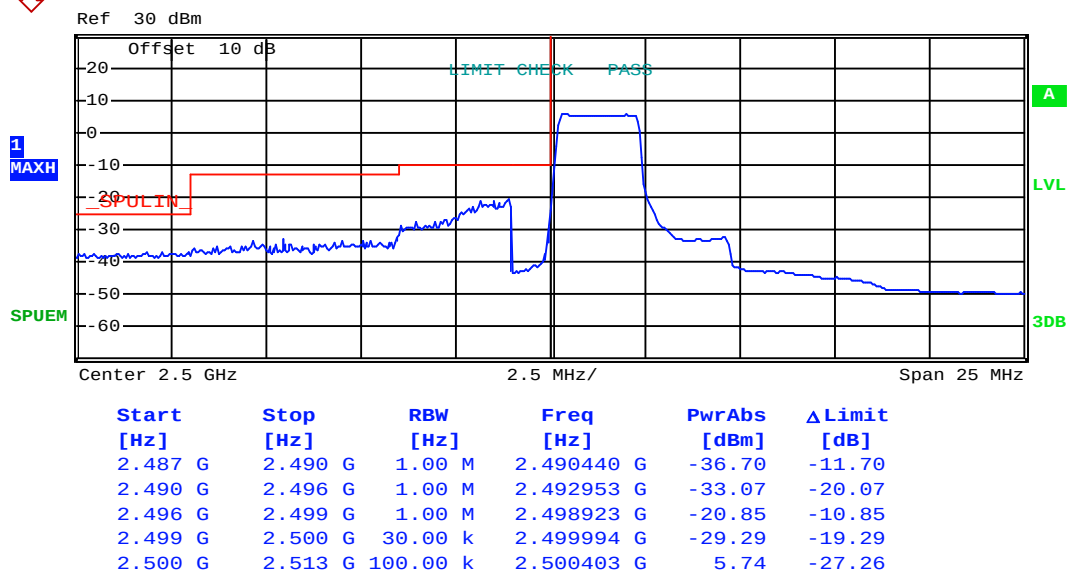
Lowest channel



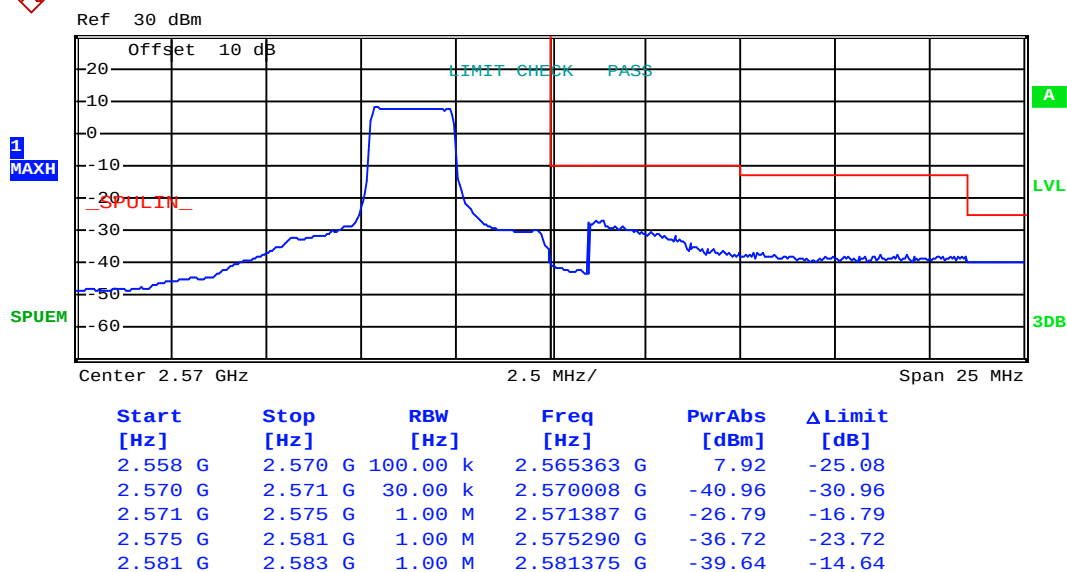
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 12 & RB Offset 0)



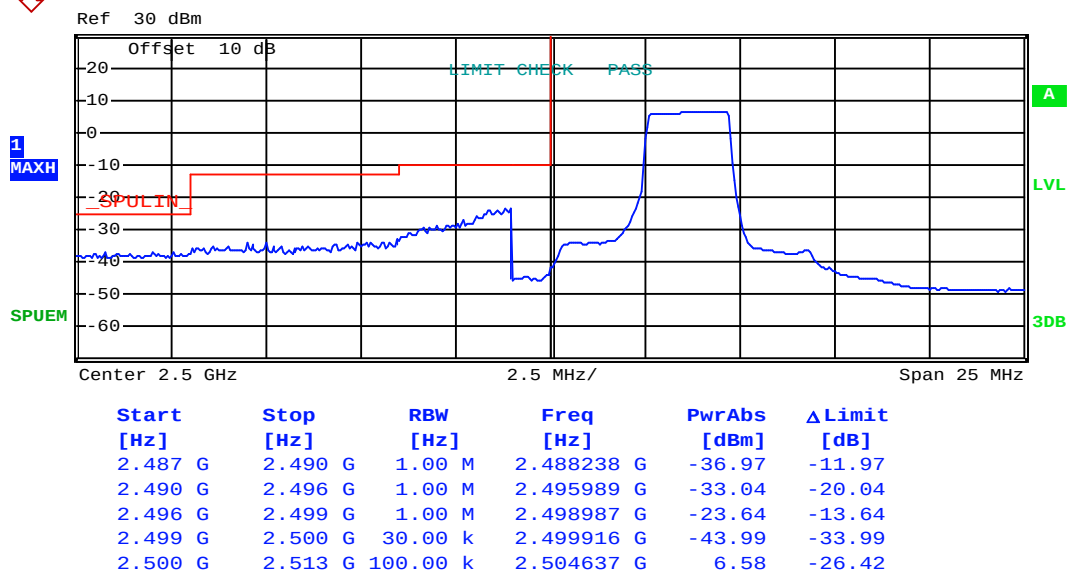
Lowest channel



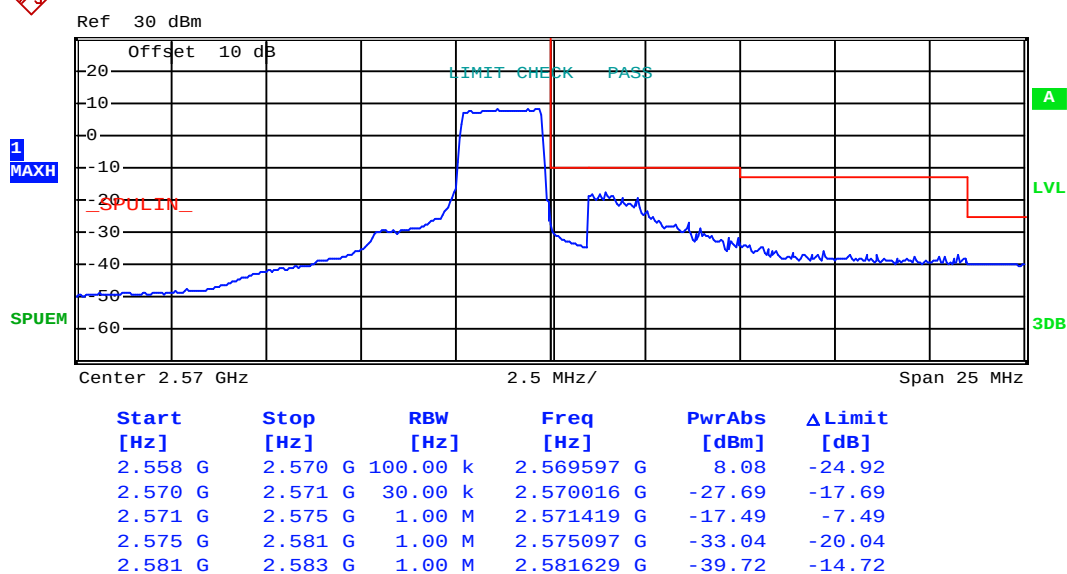
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 12 & RB Offset 11)



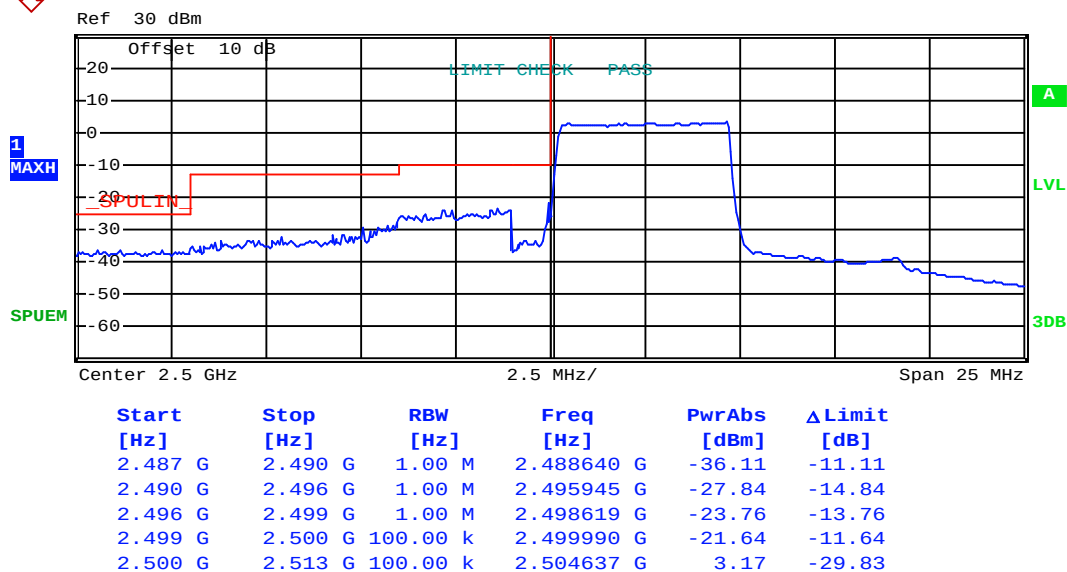
Lowest channel



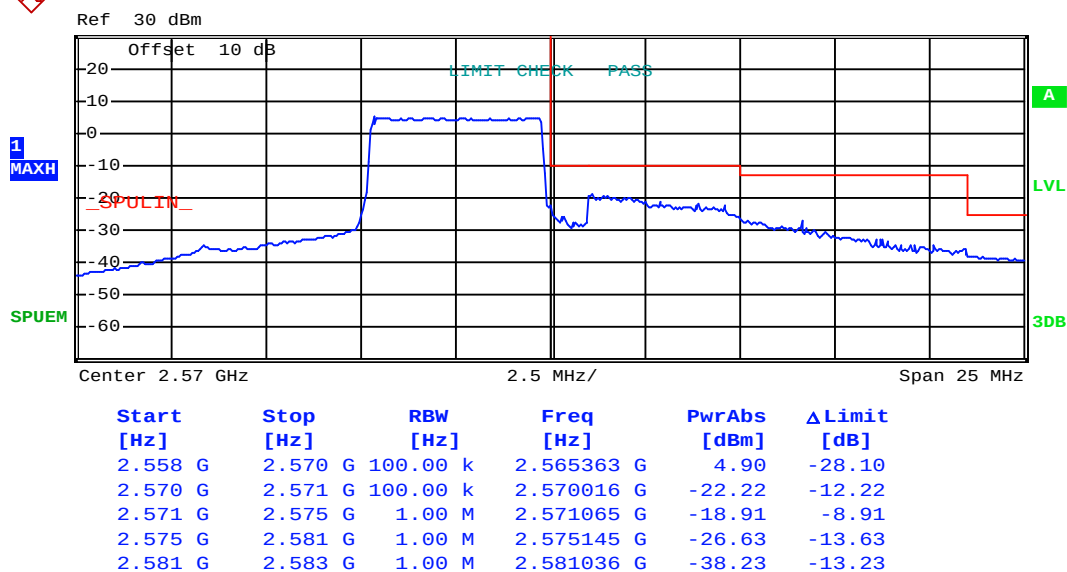
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 25 & RB Offset 0)



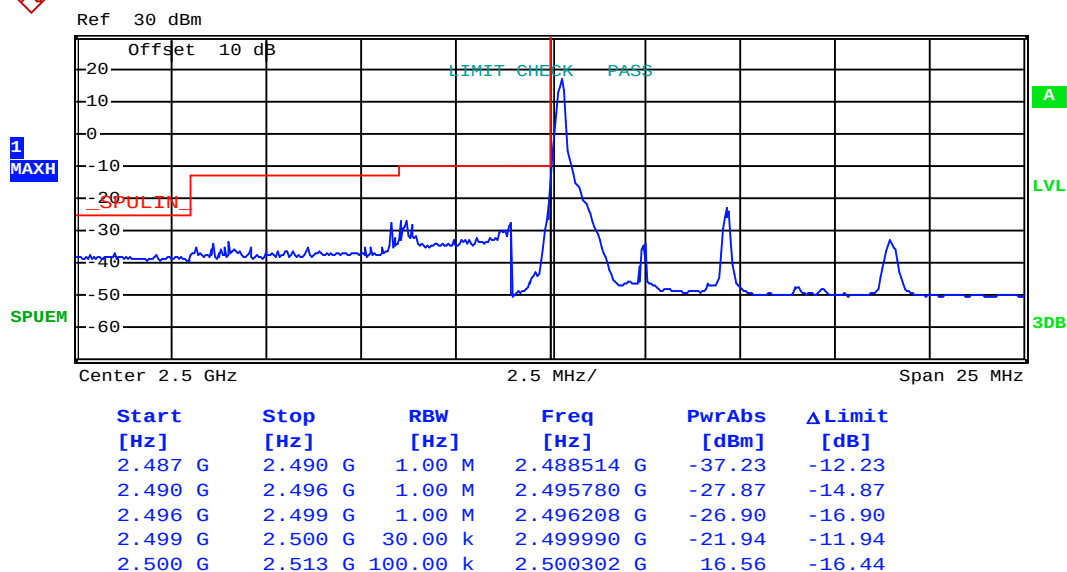
Lowest channel



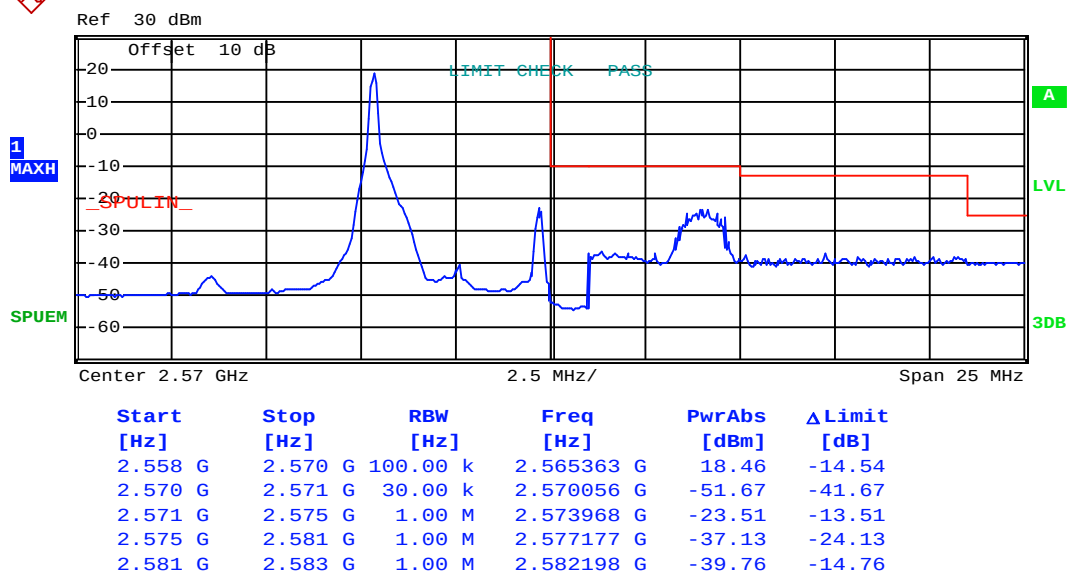
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 0)



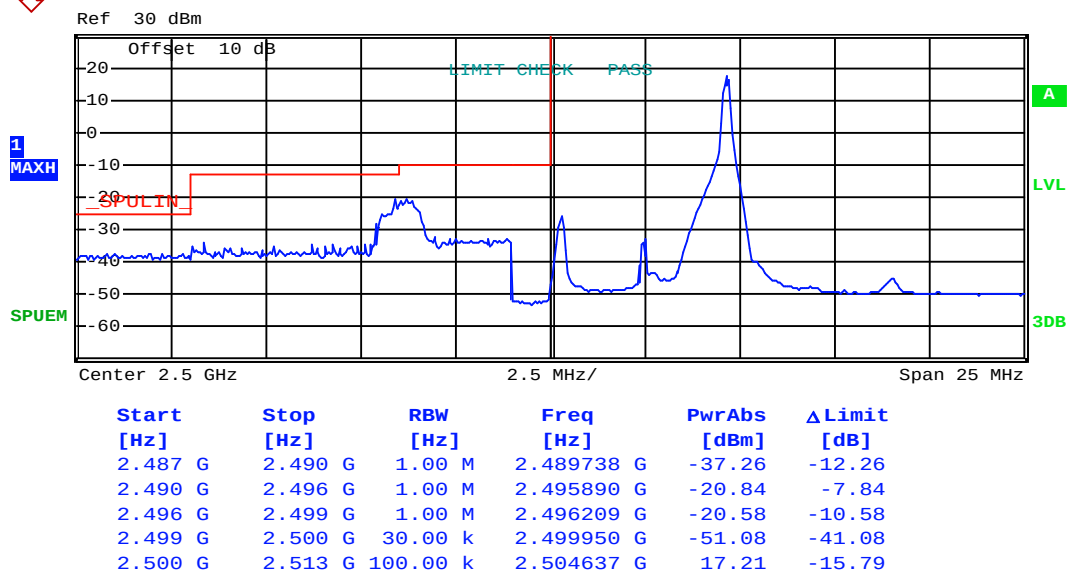
Lowest channel



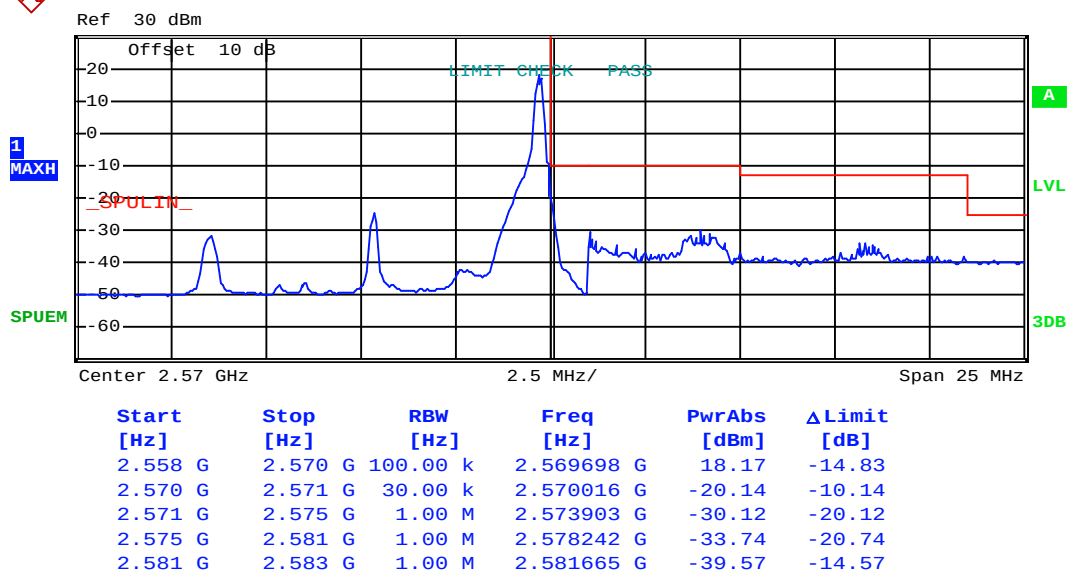
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 24)



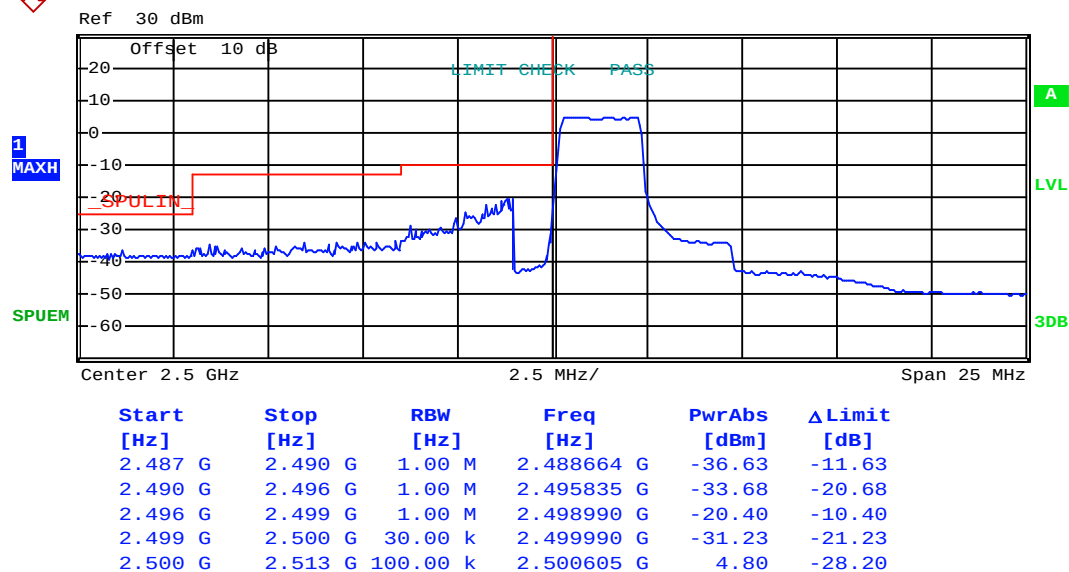
Lowest channel



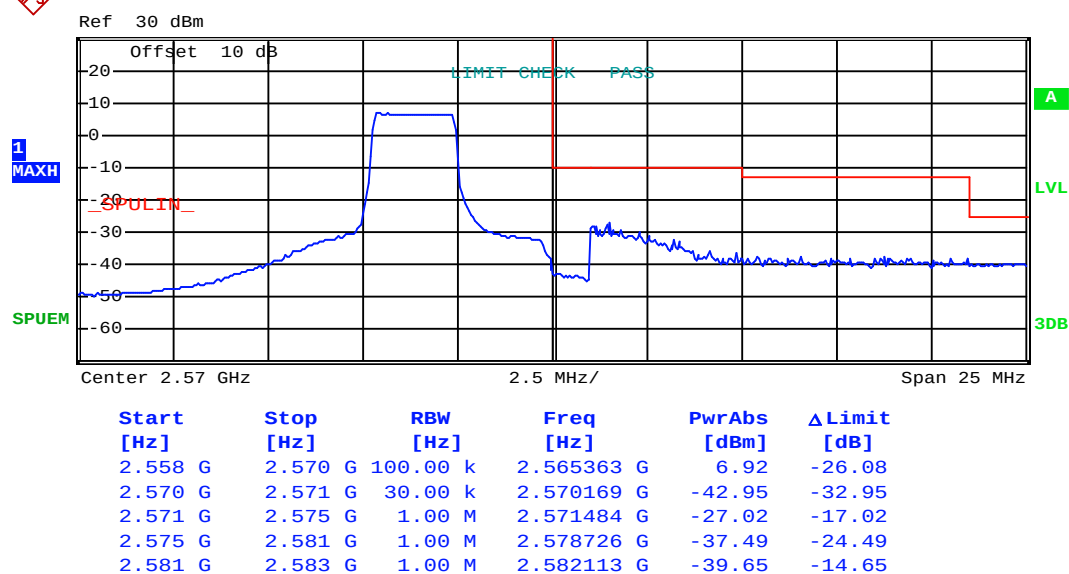
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 12 & RB Offset 0)



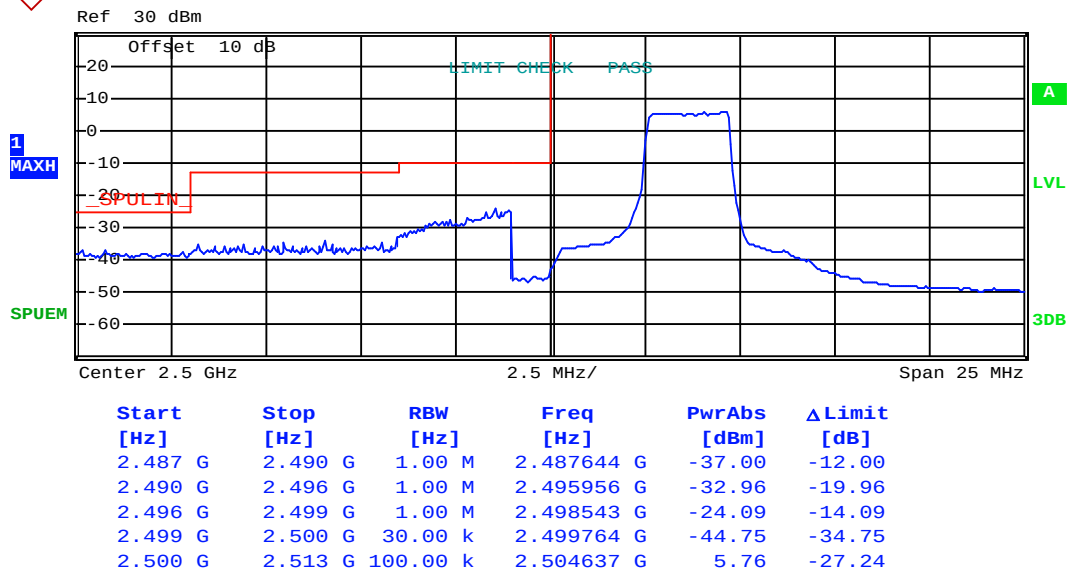
Lowest channel



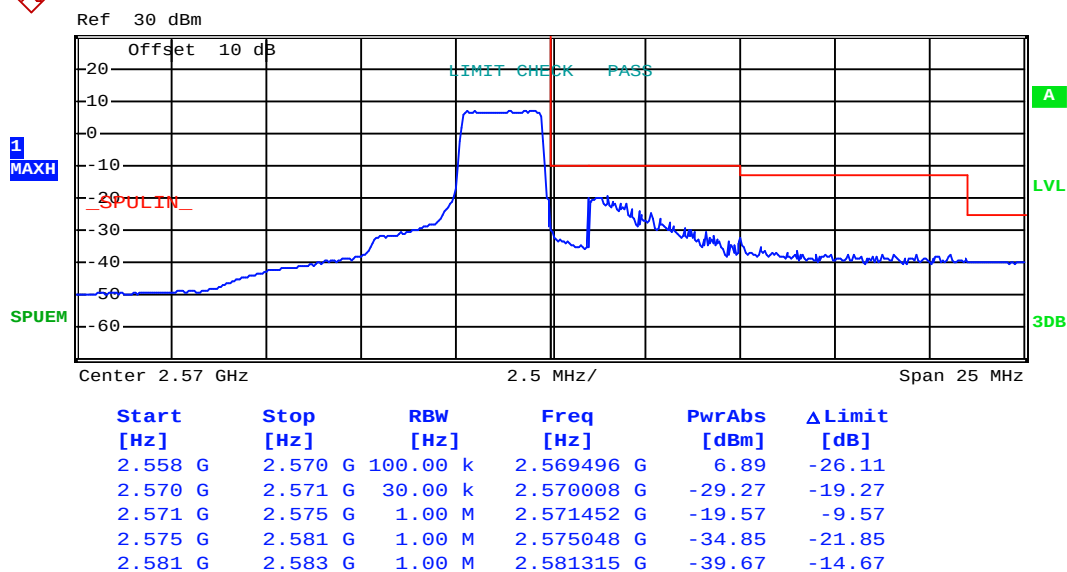
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 12 & RB Offset 11)



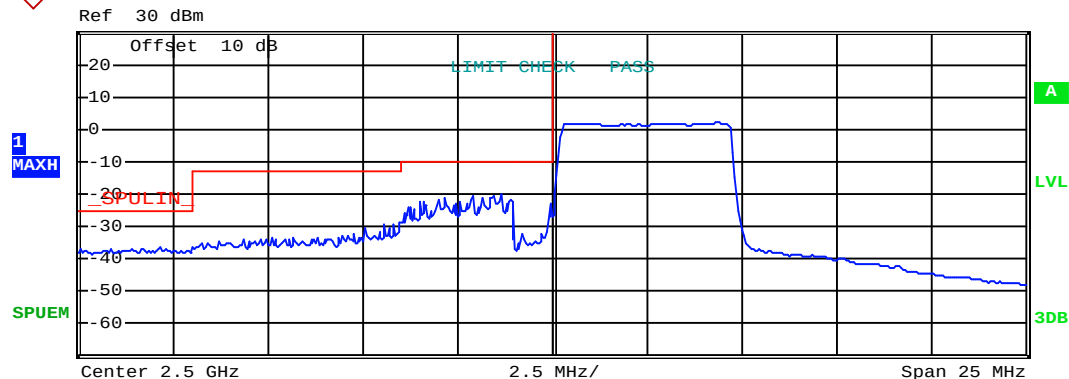
Lowest channel



Highest channel

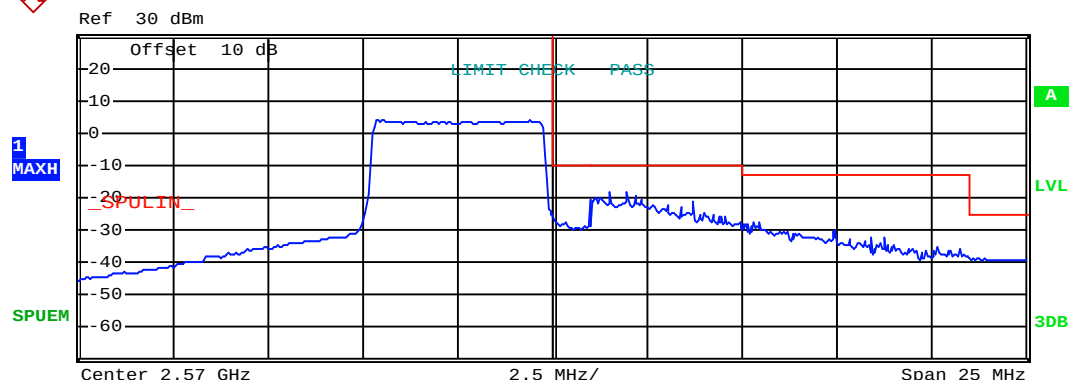
Test Mode:

LTE band 7(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.490 G	1.00 M	2.489630 G	-36.47	-11.47
2.490 G	2.496 G	1.00 M	2.495923 G	-28.82	-15.82
2.496 G	2.499 G	1.00 M	2.498667 G	-19.84	-9.84
2.499 G	2.500 G	100.00 k	2.499990 G	-22.74	-12.74
2.500 G	2.513 G	100.00 k	2.504335 G	2.22	-30.78

Lowest channel

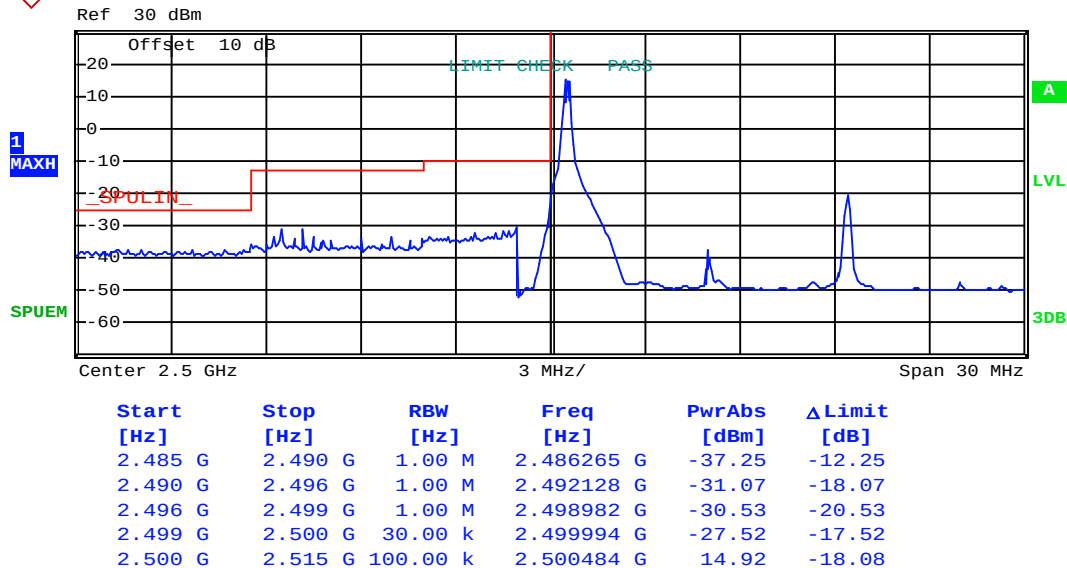


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.565363 G	3.86	-29.14
2.570 G	2.571 G	100.00 k	2.570040 G	-25.33	-15.33
2.571 G	2.575 G	1.00 M	2.571903 G	-18.07	-8.07
2.575 G	2.581 G	1.00 M	2.575242 G	-27.33	-14.33
2.581 G	2.583 G	1.00 M	2.581218 G	-38.83	-13.83

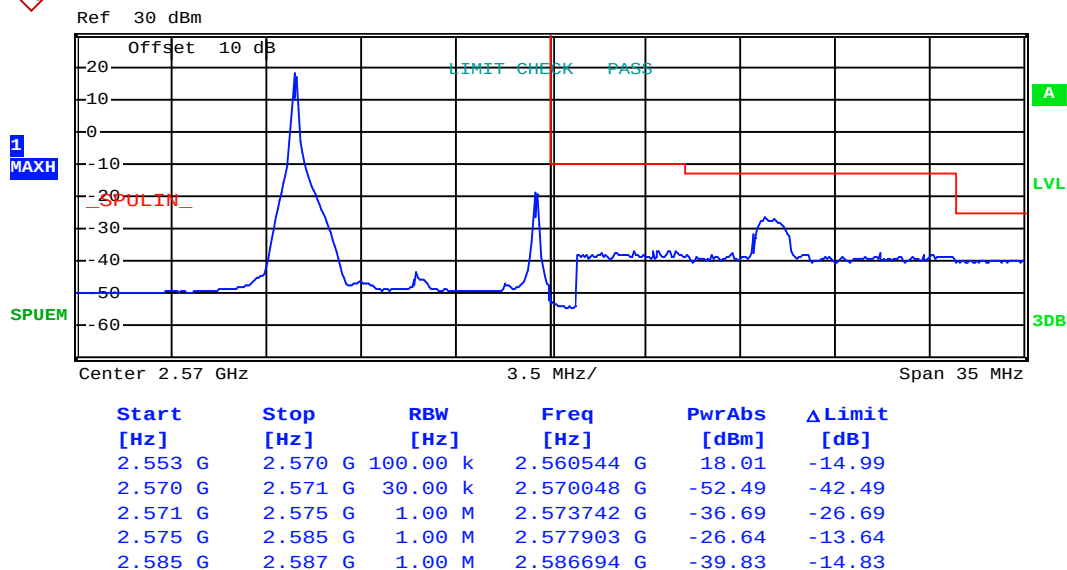
Highest channel

10MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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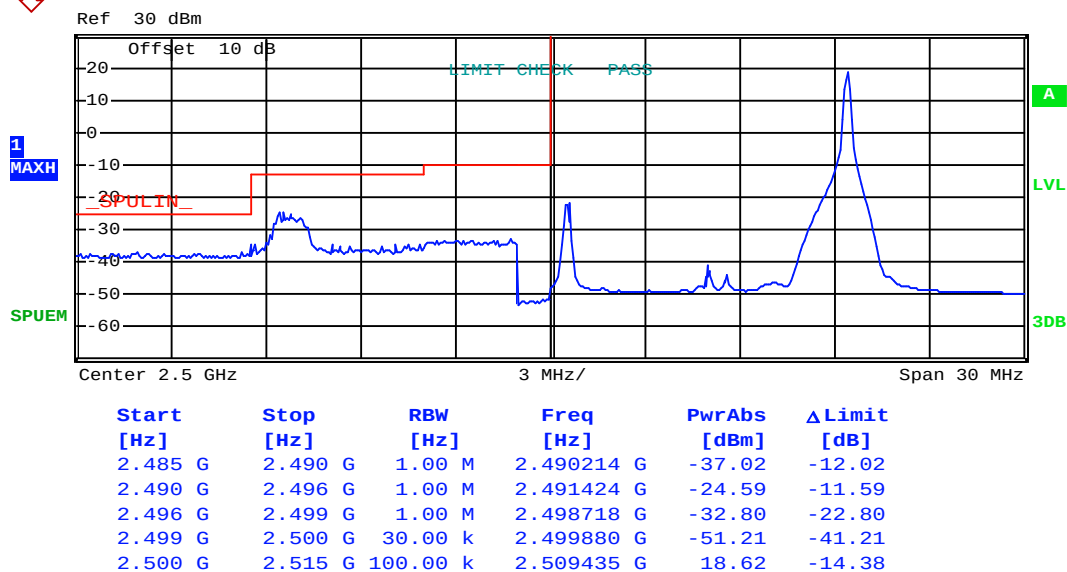
Lowest channel



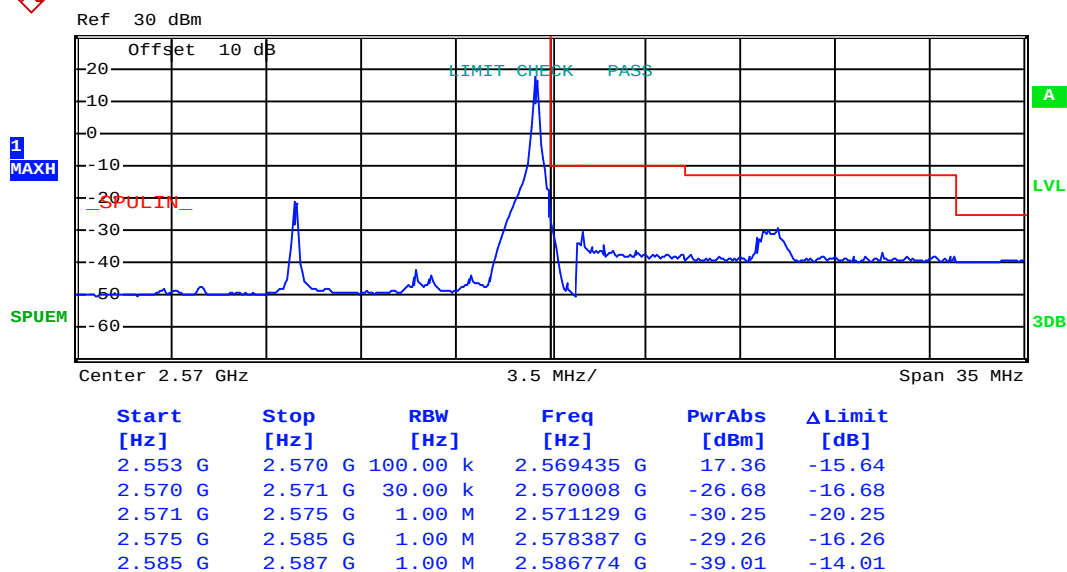
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 1 & RB Offset 49)



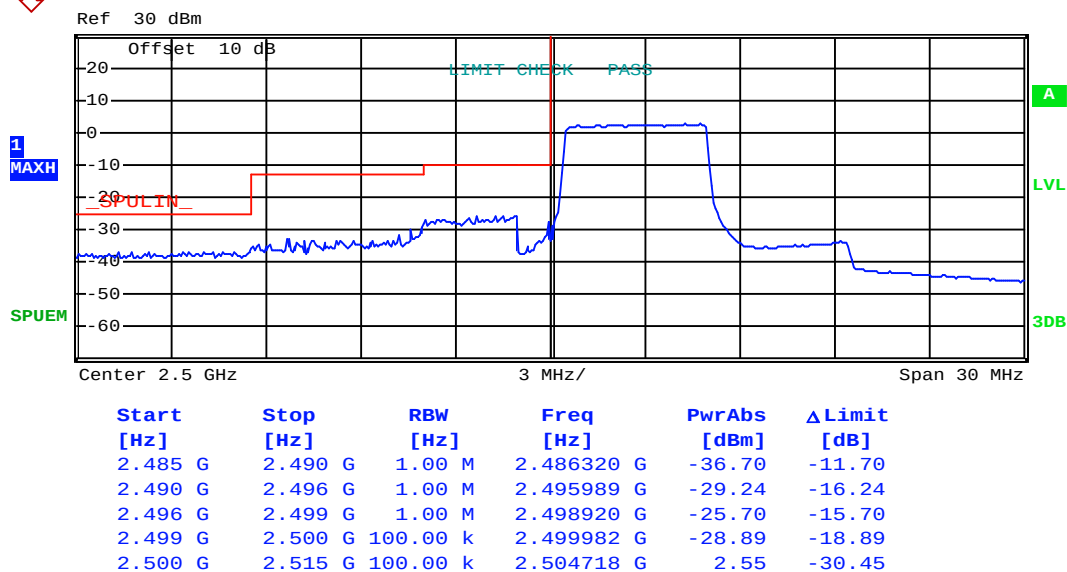
Lowest channel



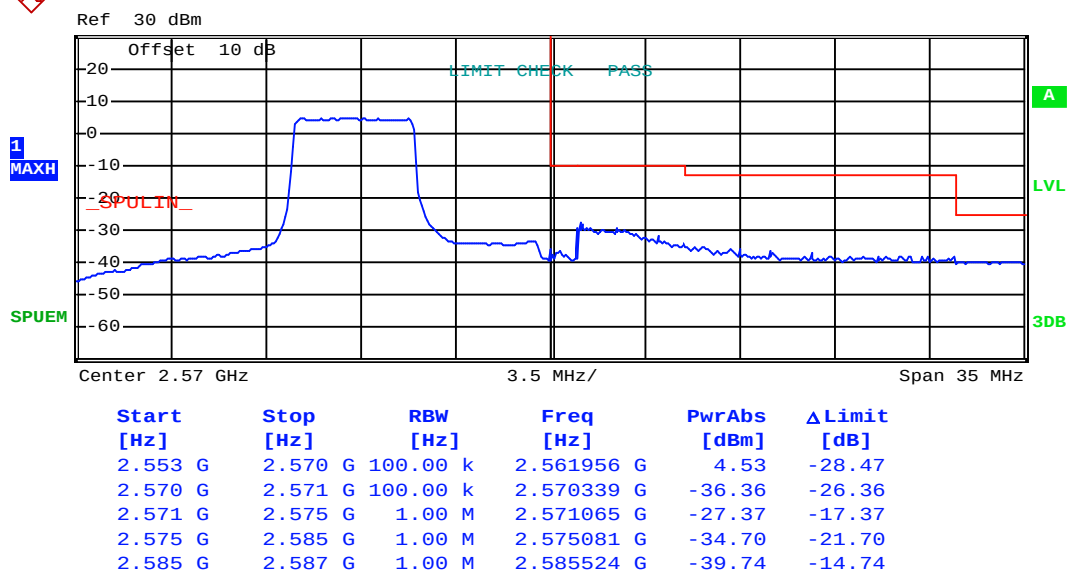
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 25 & RB Offset 0)



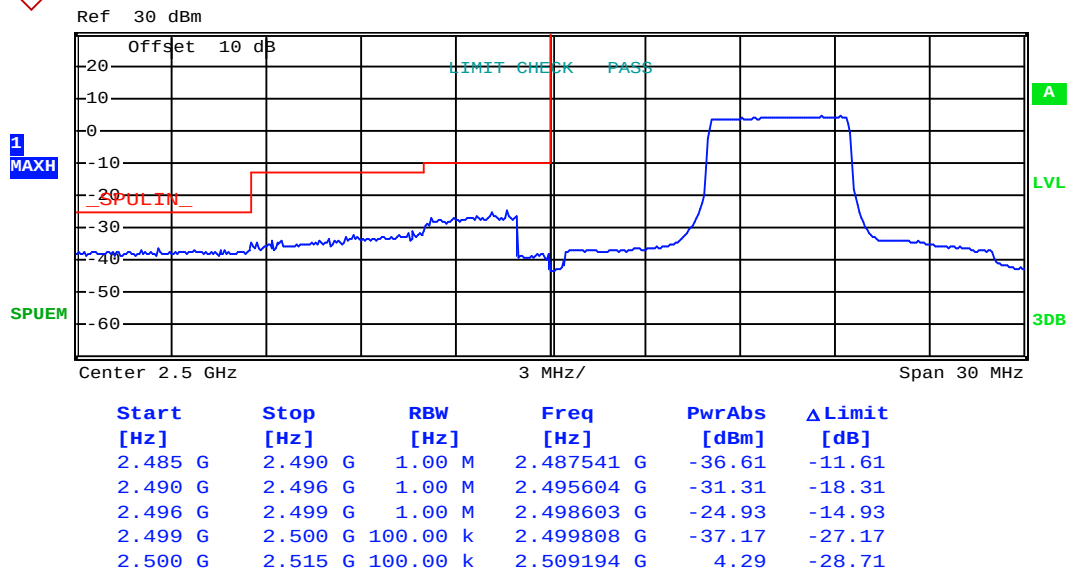
Lowest channel



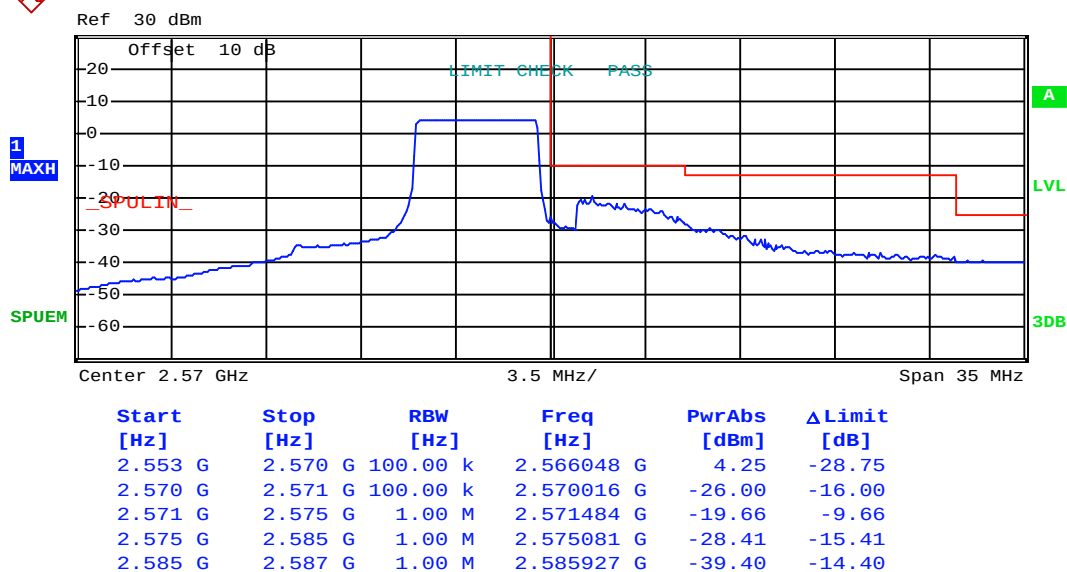
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 25 & RB Offset 24)



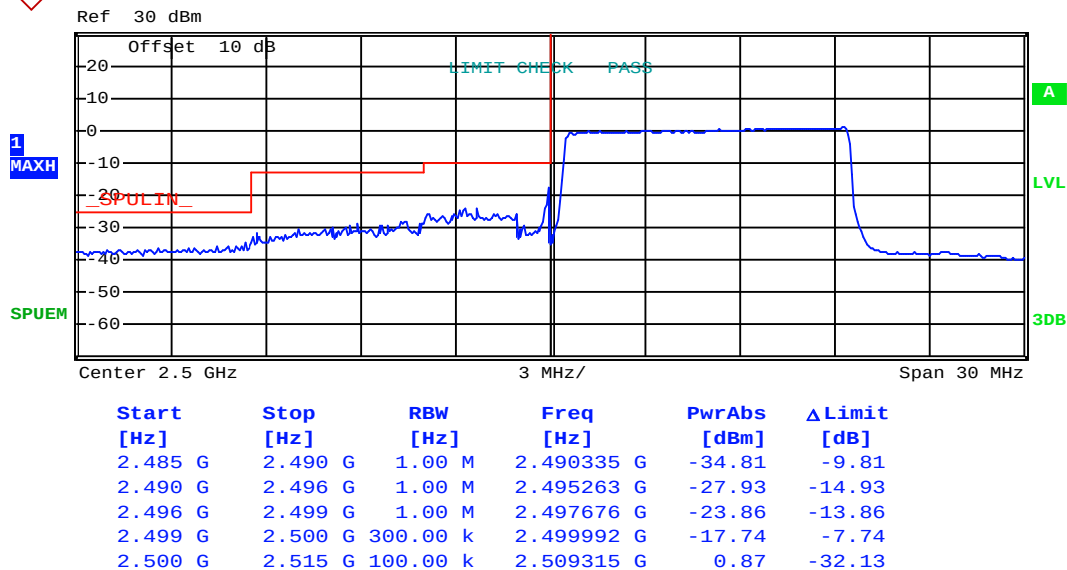
Lowest channel



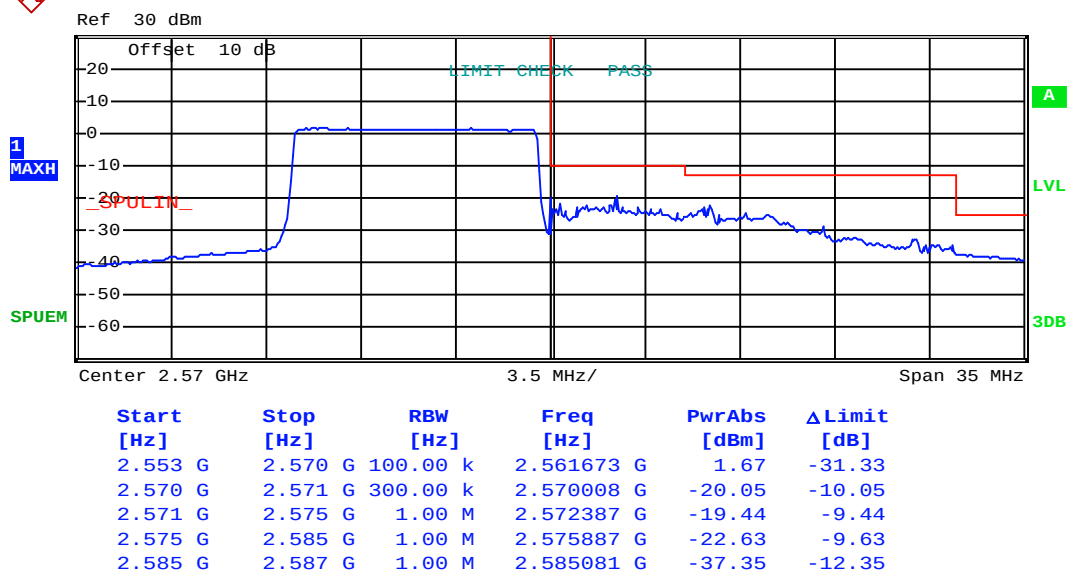
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 50 & RB Offset 0)



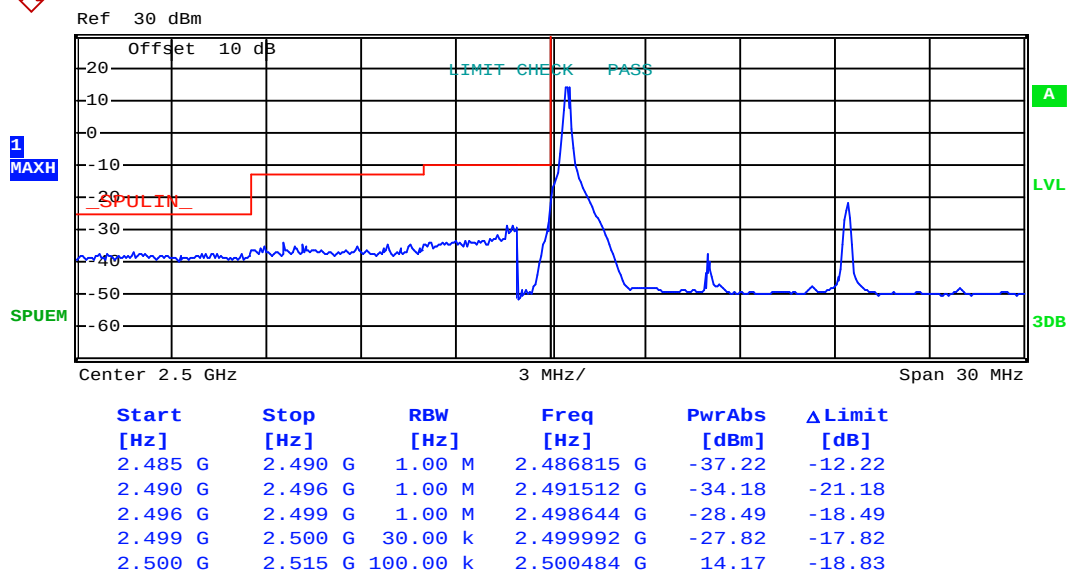
Lowest channel



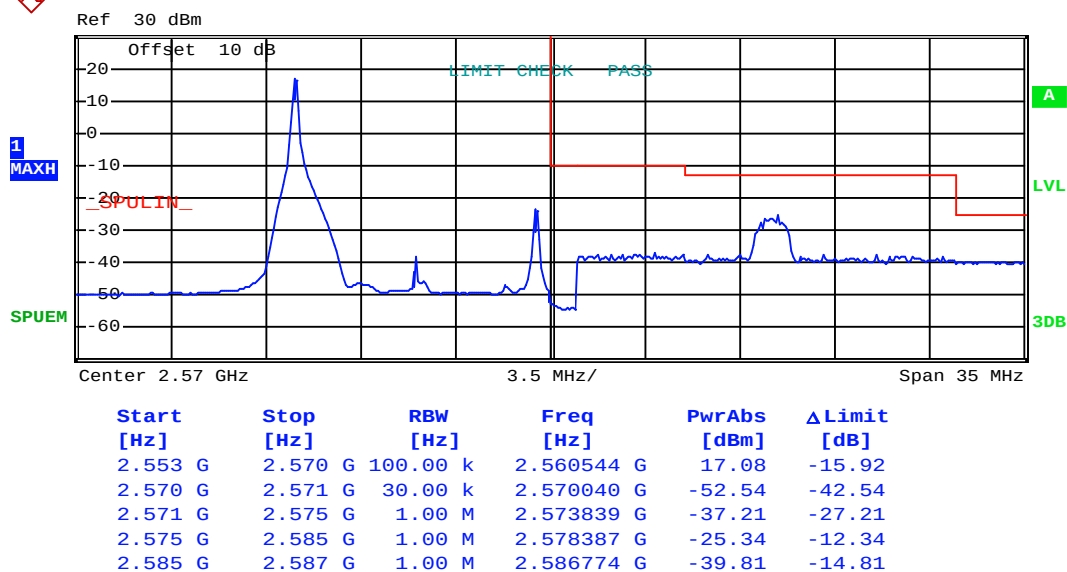
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 0)



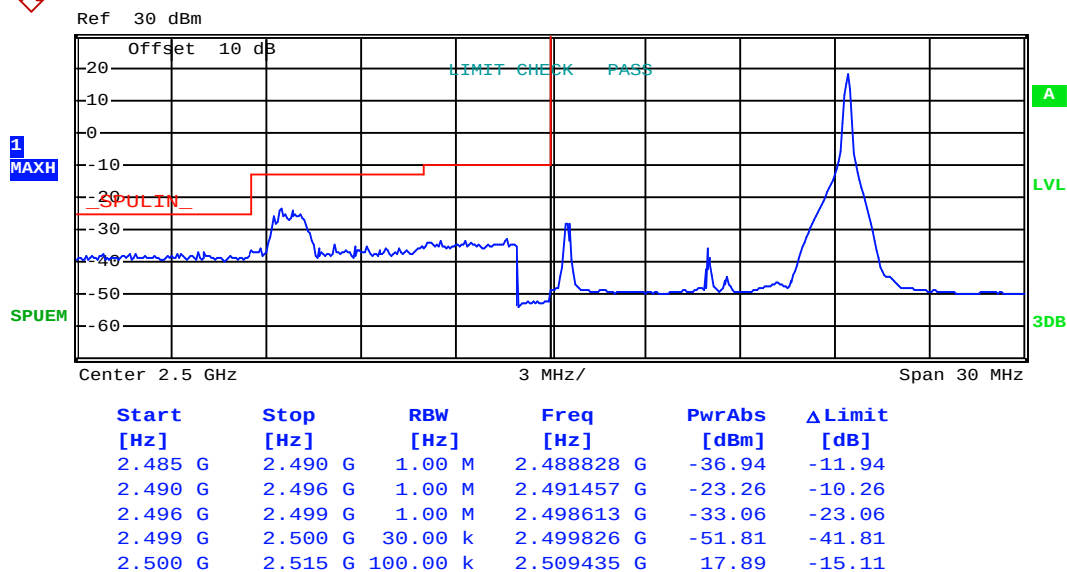
Lowest channel



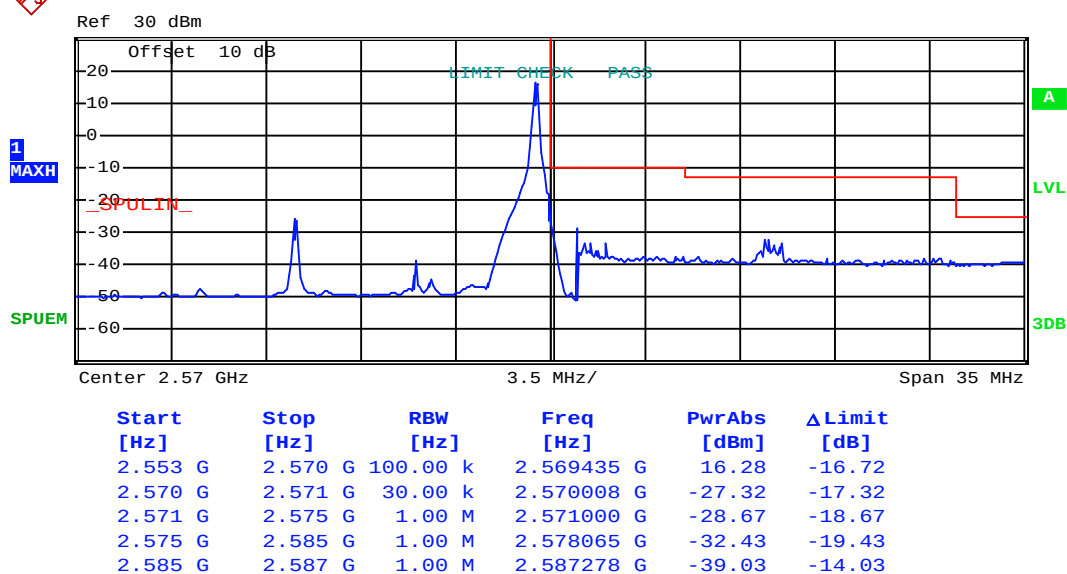
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 49)



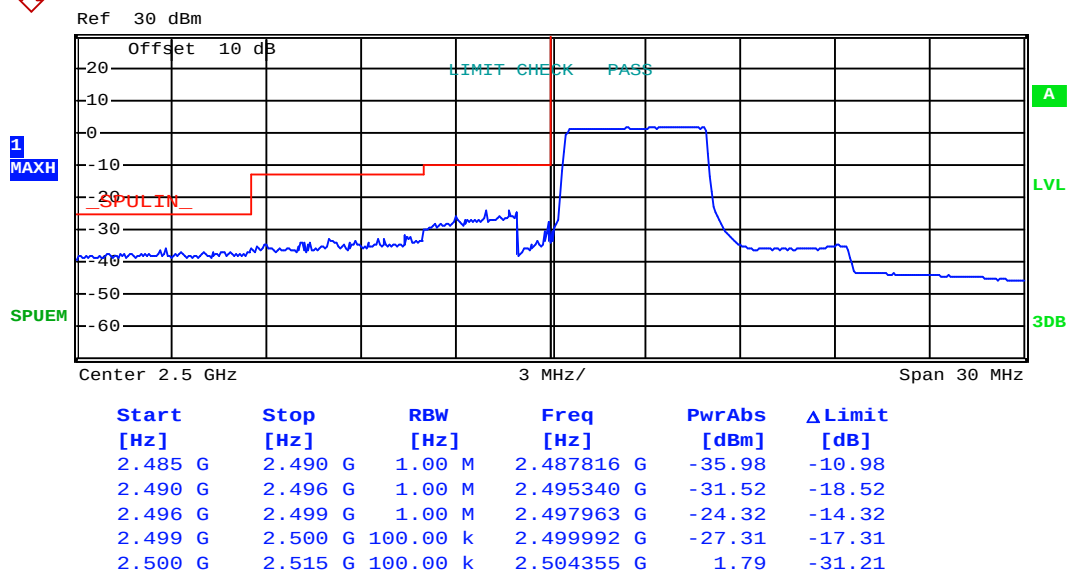
Lowest channel



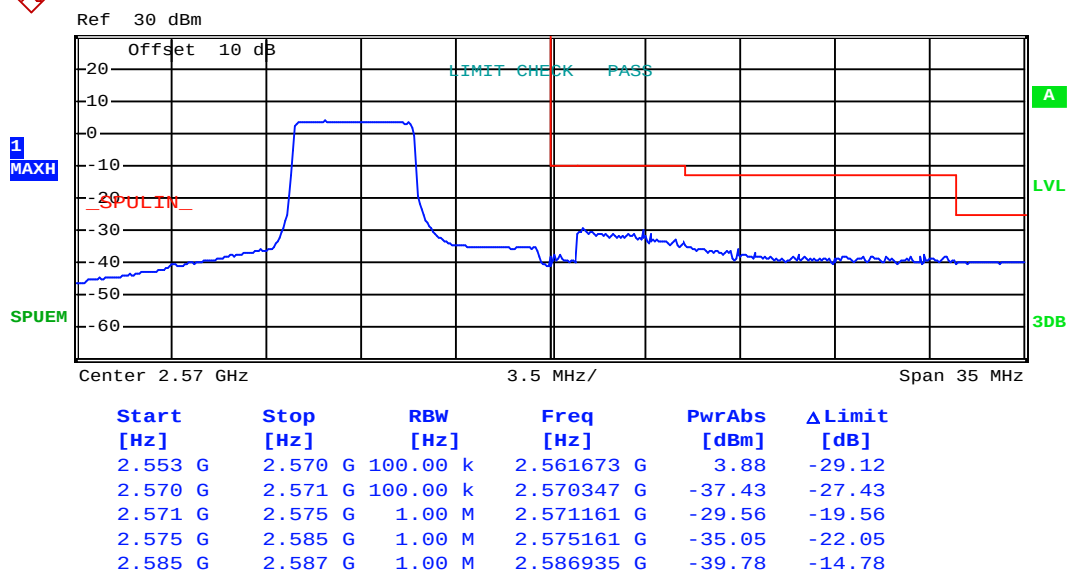
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 25 & RB Offset 0)



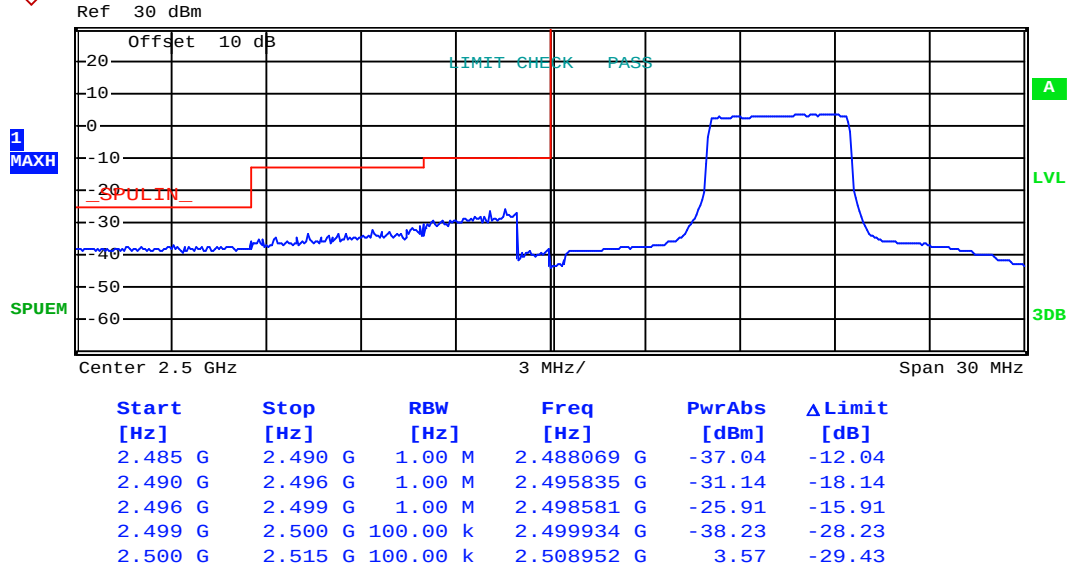
Lowest channel



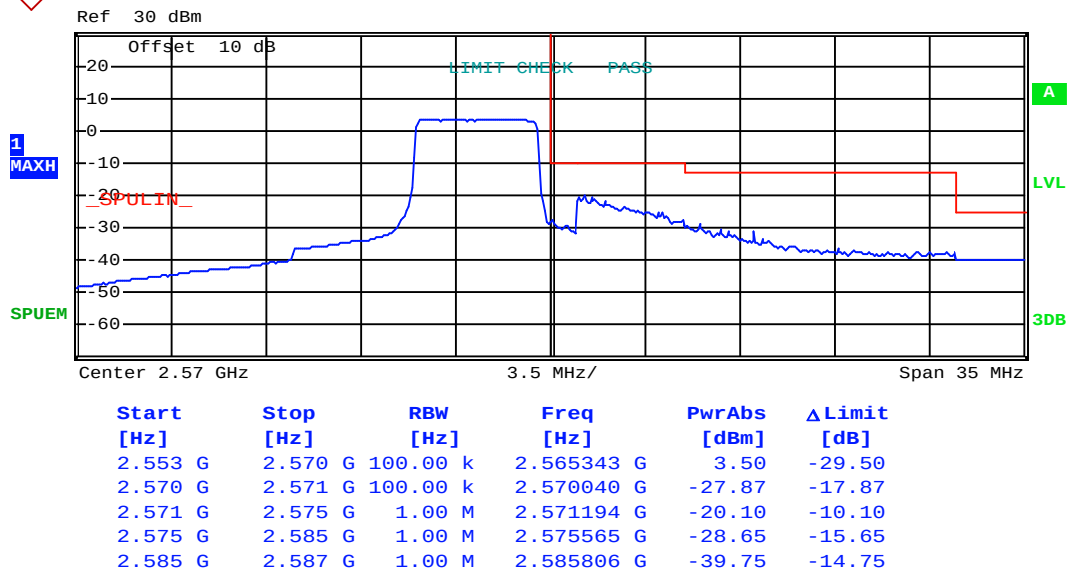
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 25 & RB Offset 24)



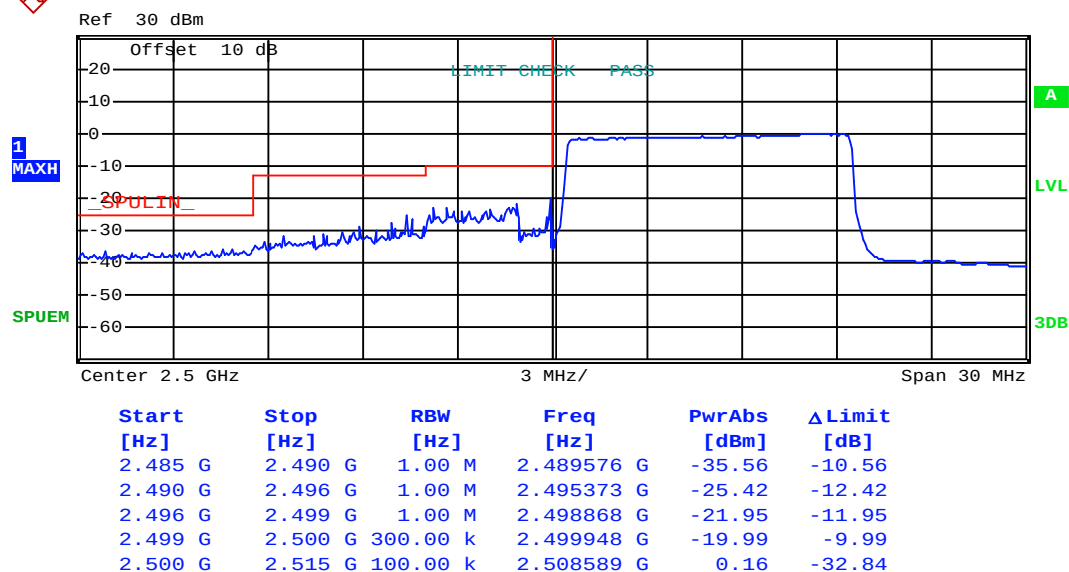
Lowest channel



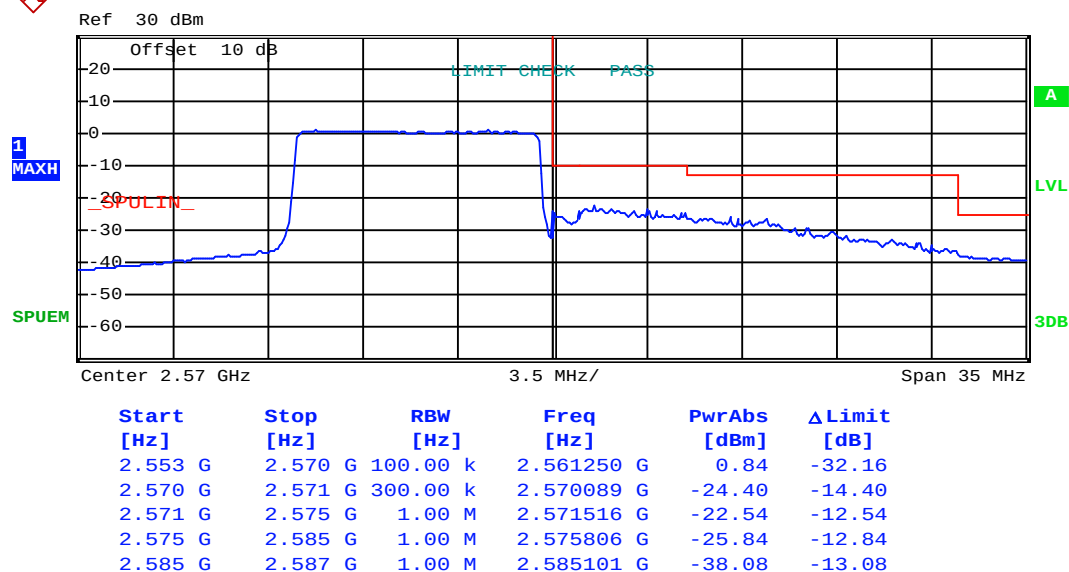
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 50 & RB Offset 0)



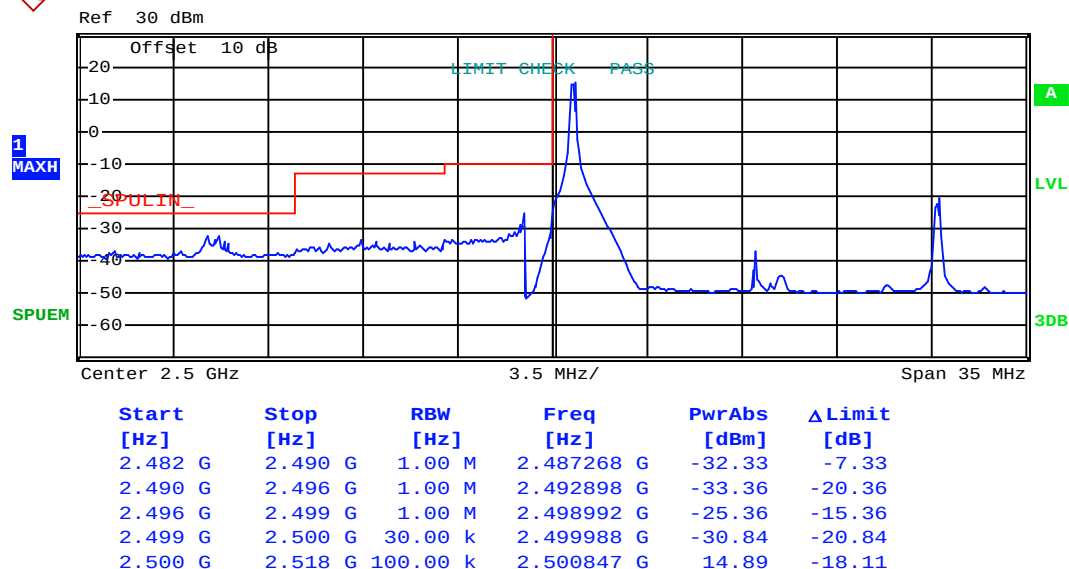
Lowest channel



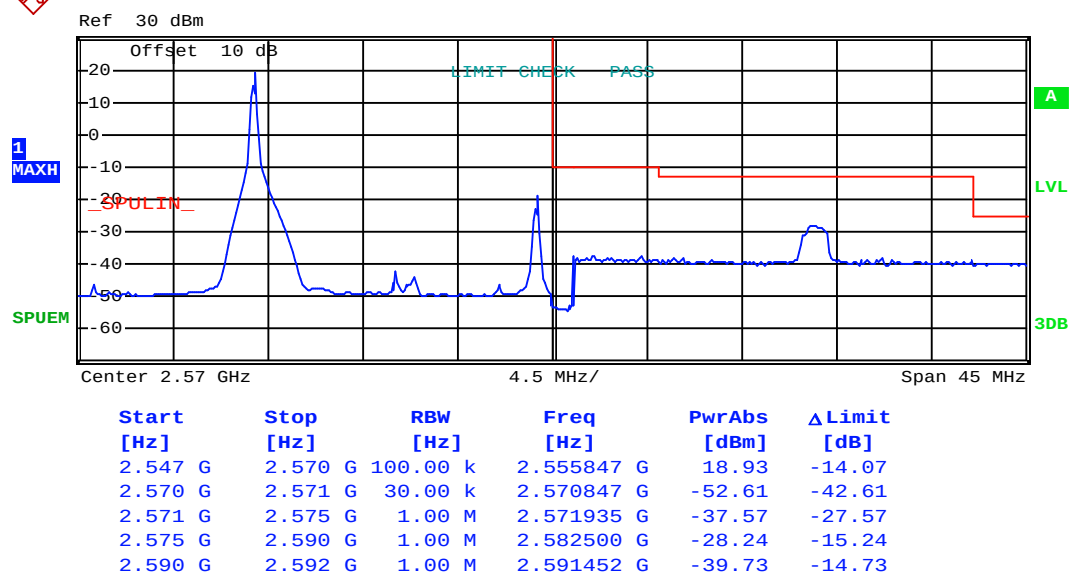
Highest channel

15MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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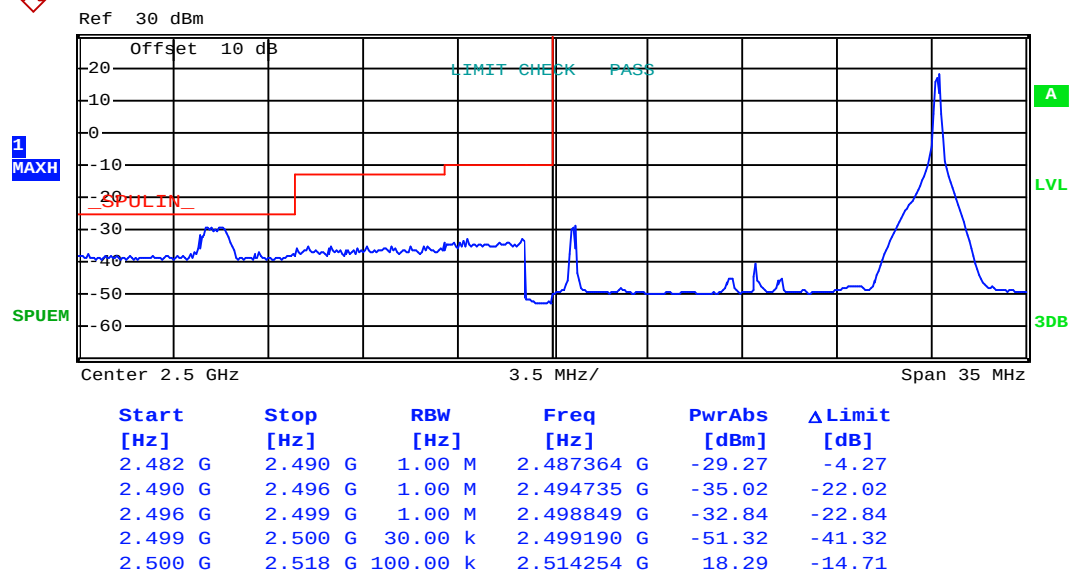
Lowest channel



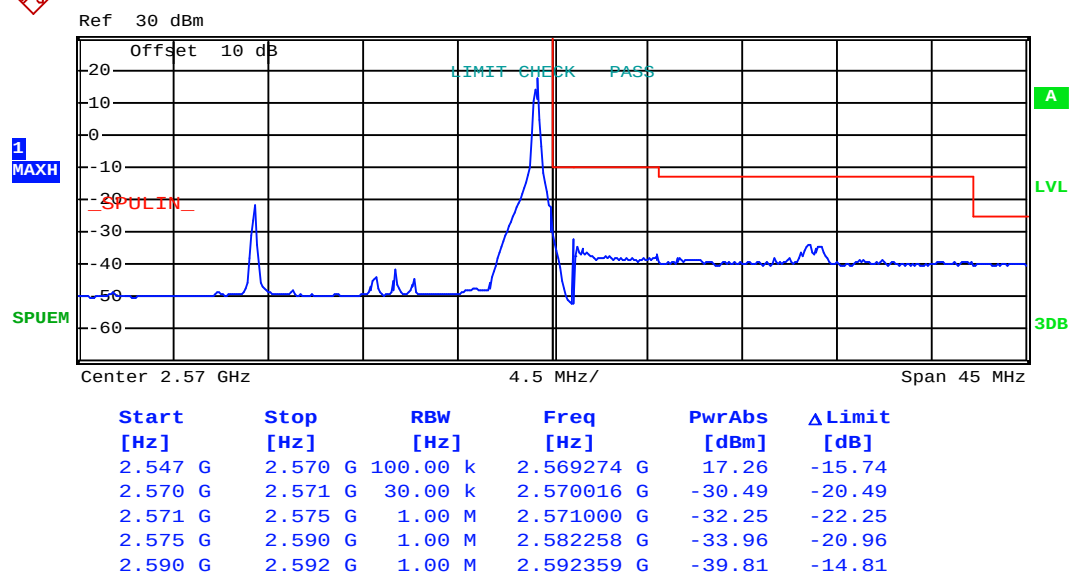
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 1 & RB Offset 74)



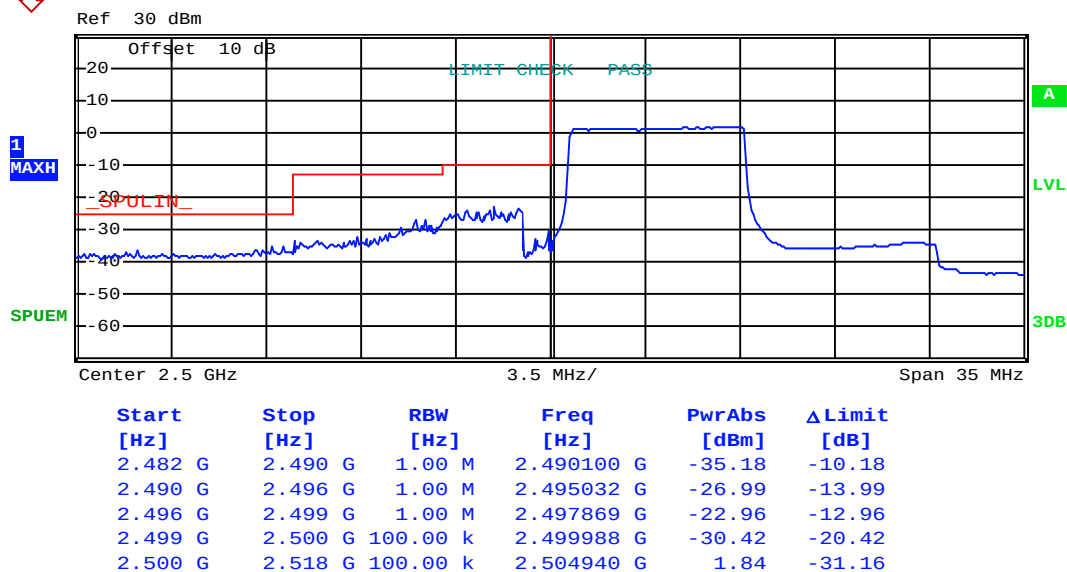
Lowest channel



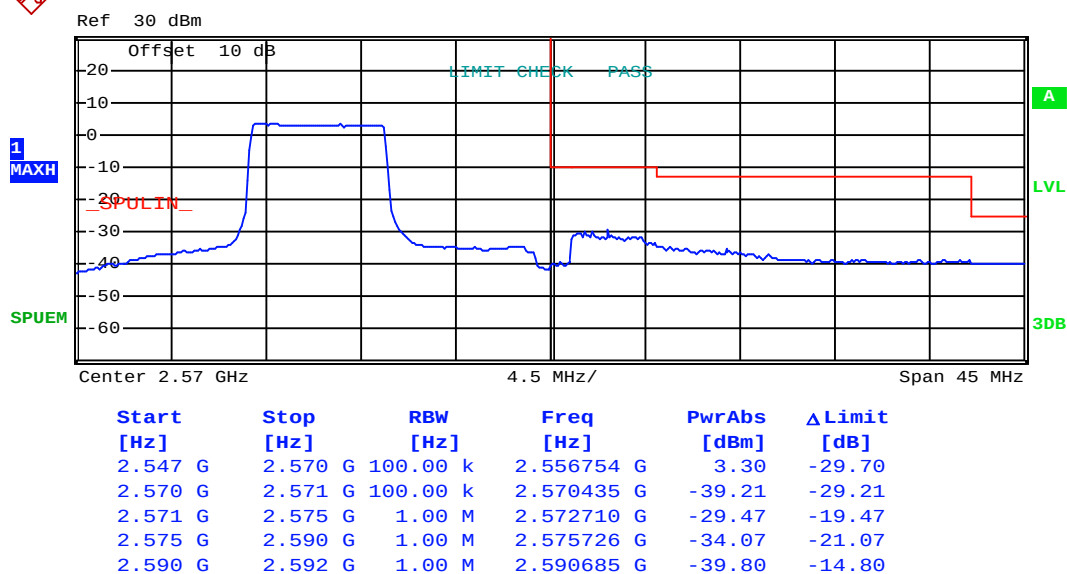
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 36 & RB Offset 0)



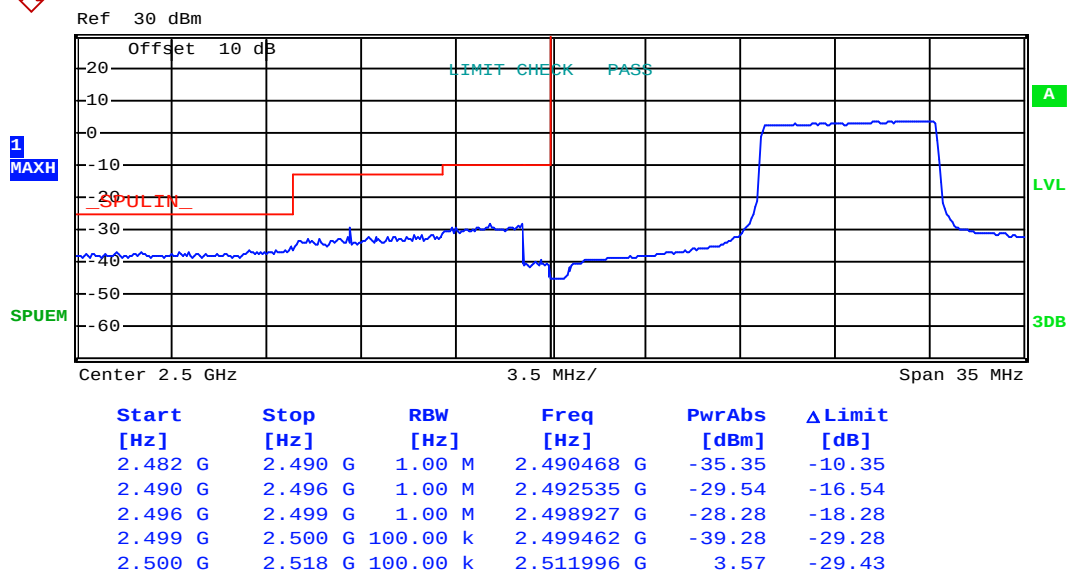
Lowest channel



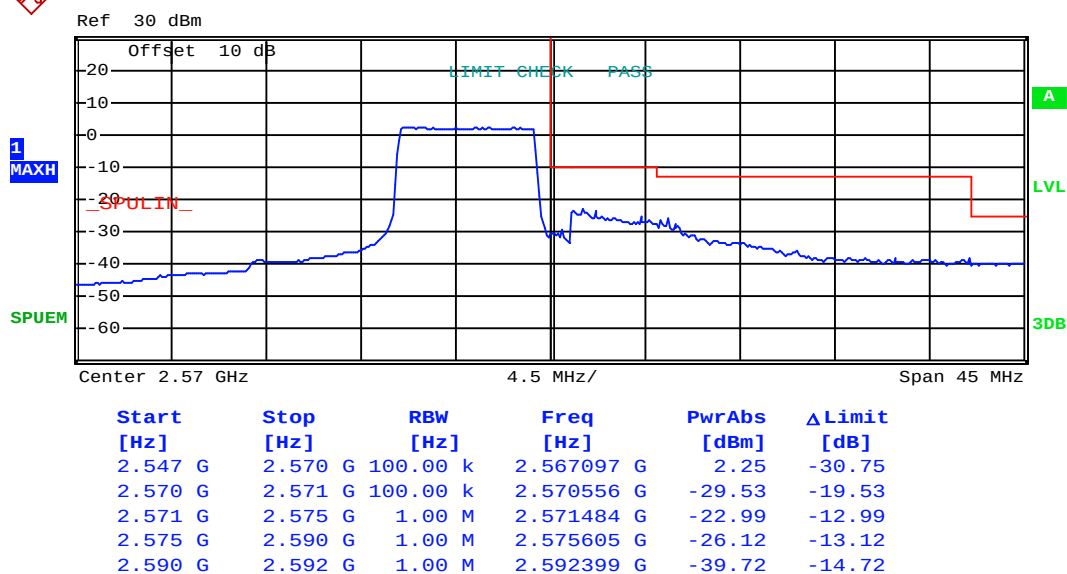
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 36 & RB Offset 37)



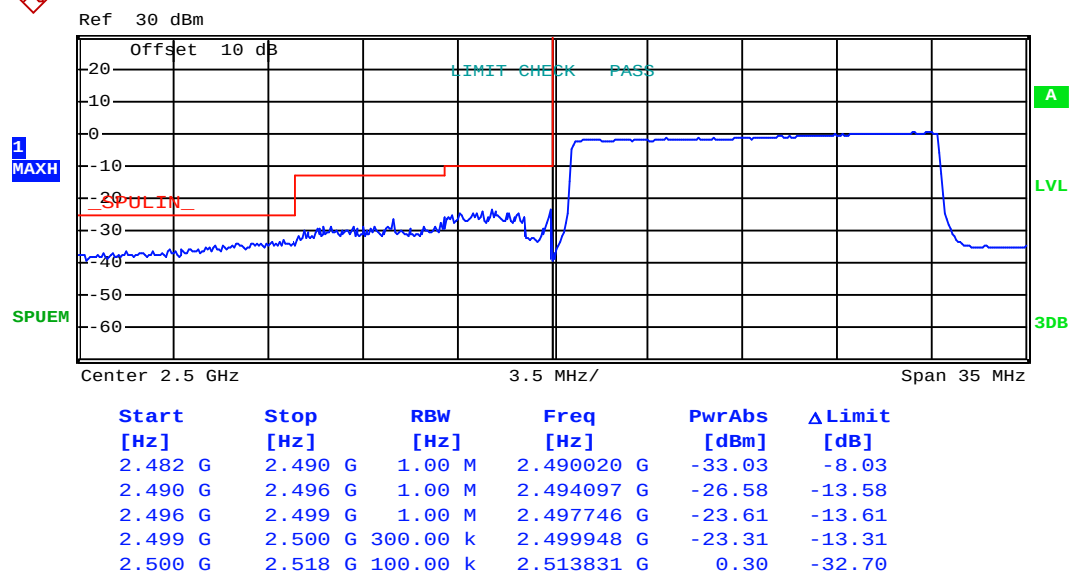
Lowest channel



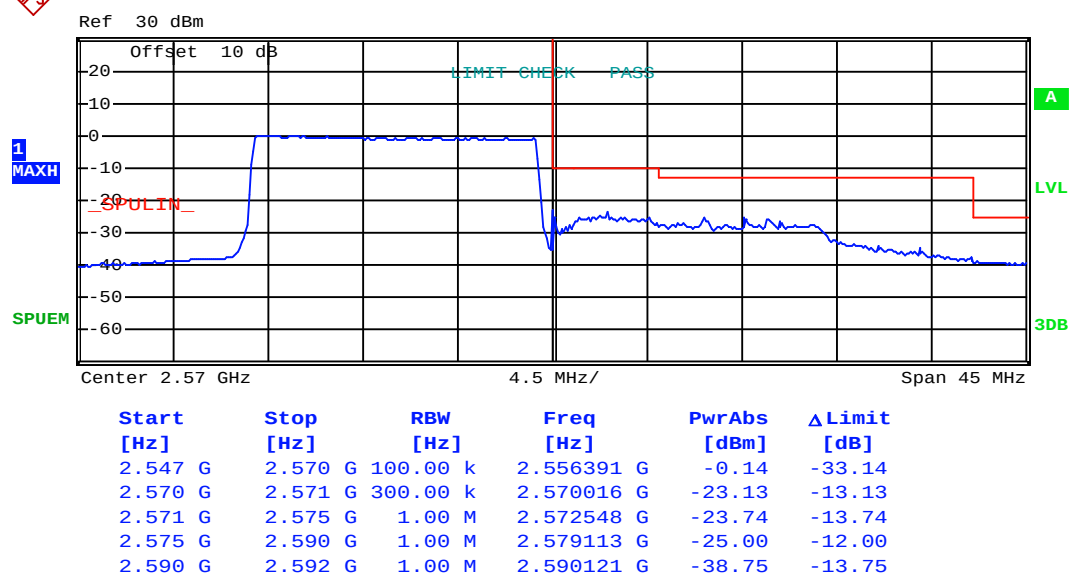
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 75 & RB Offset 0)



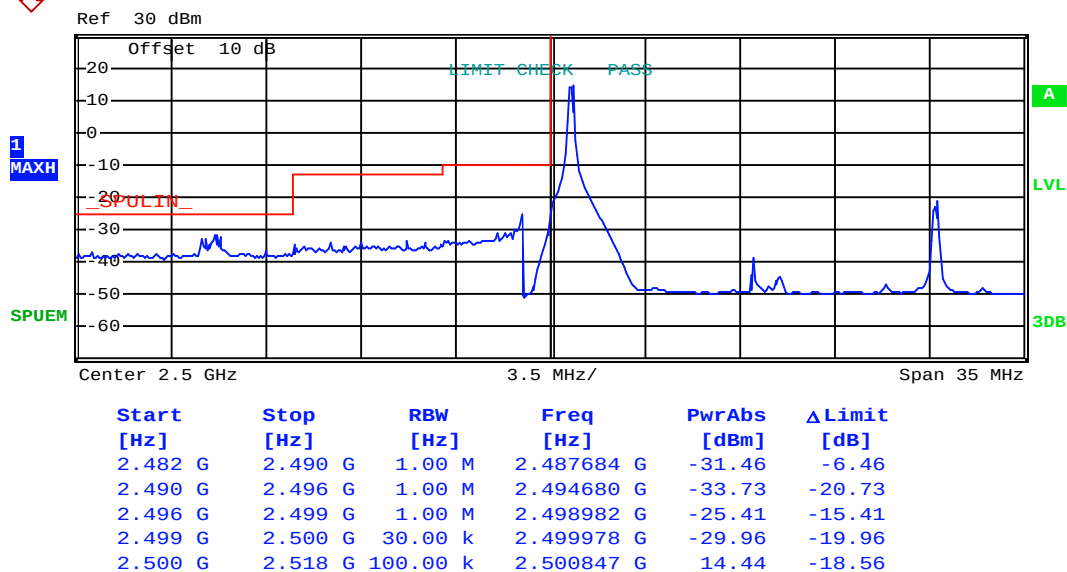
Lowest channel



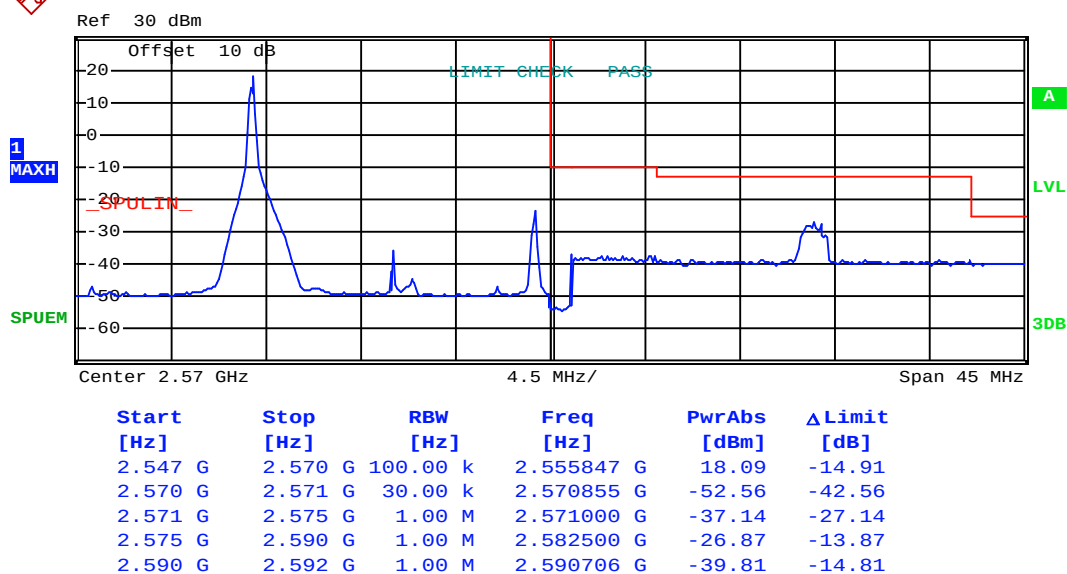
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 0)



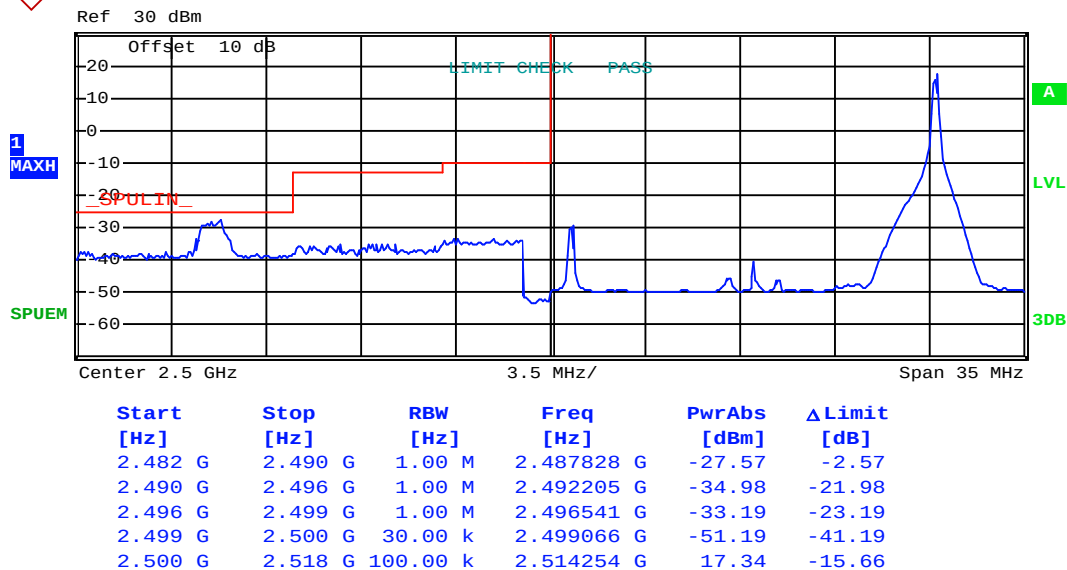
Lowest channel



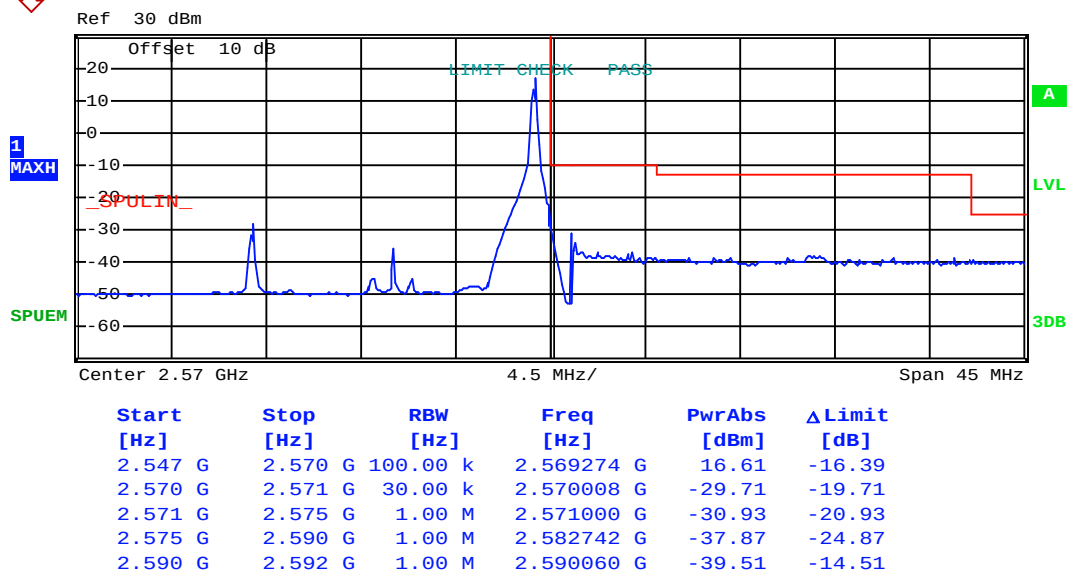
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 74)



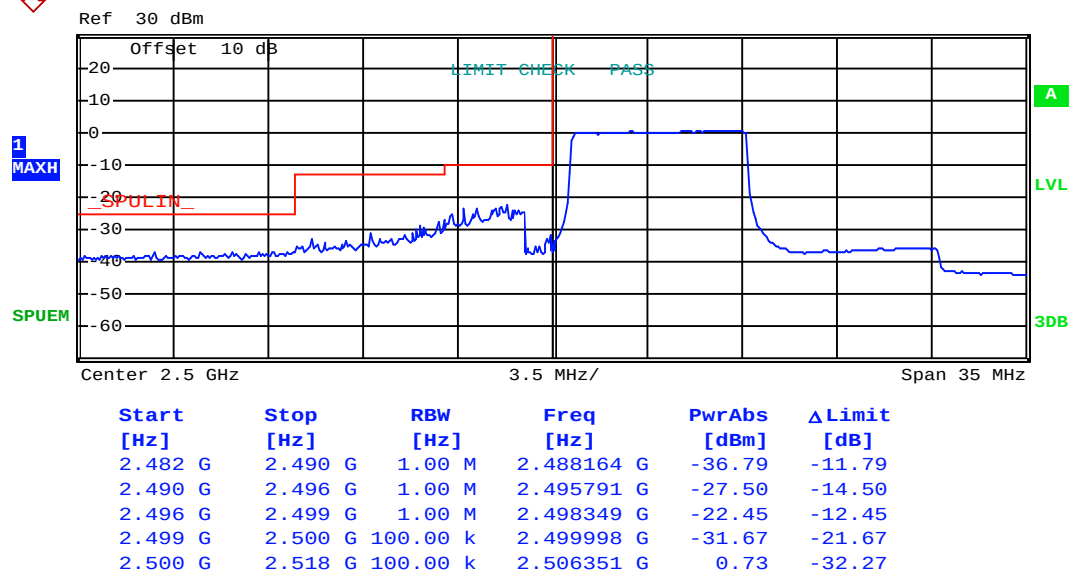
Lowest channel



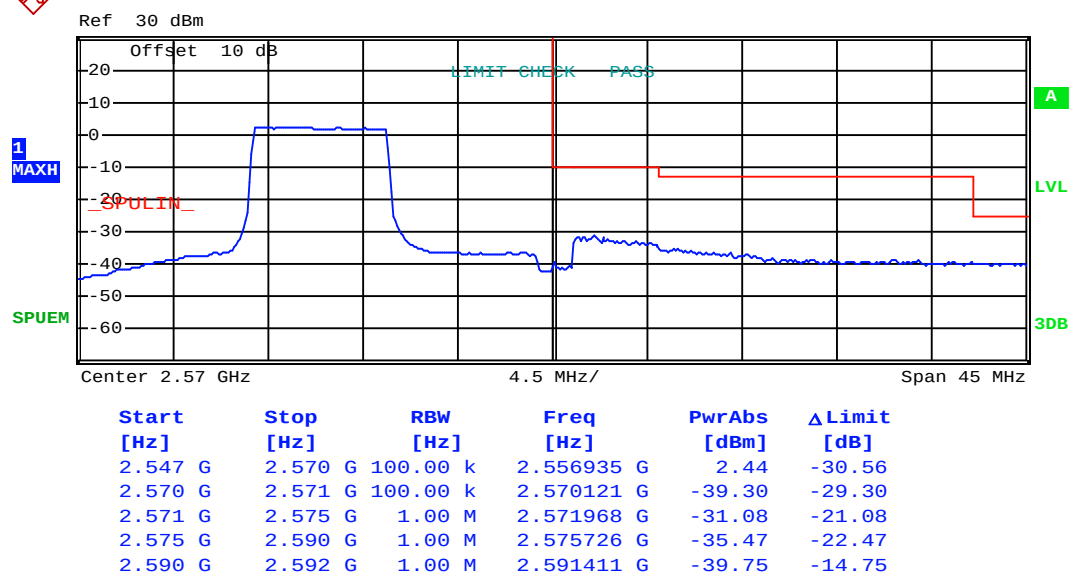
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 36 & RB Offset 0)



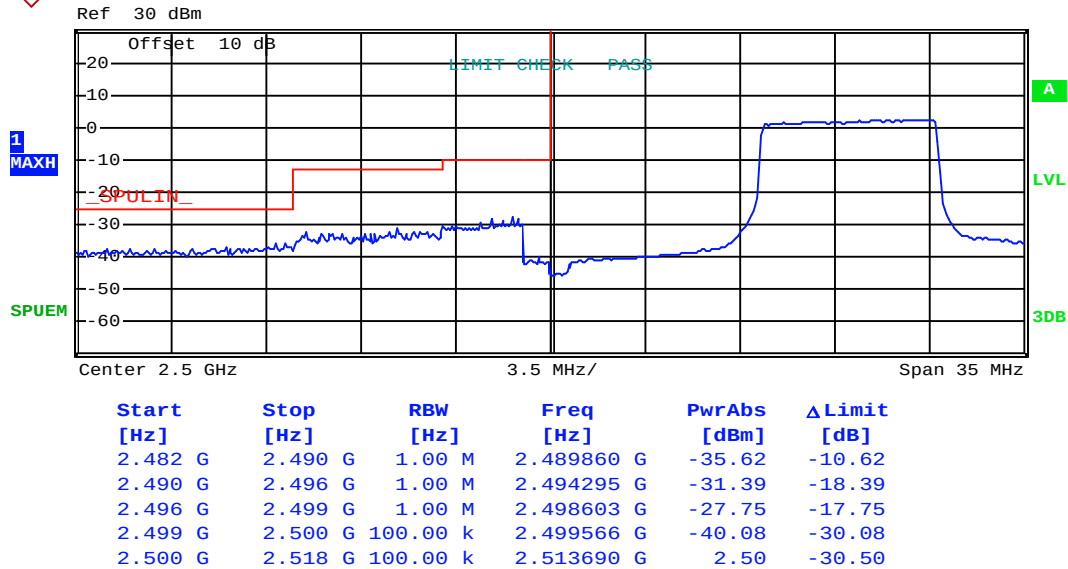
Lowest channel



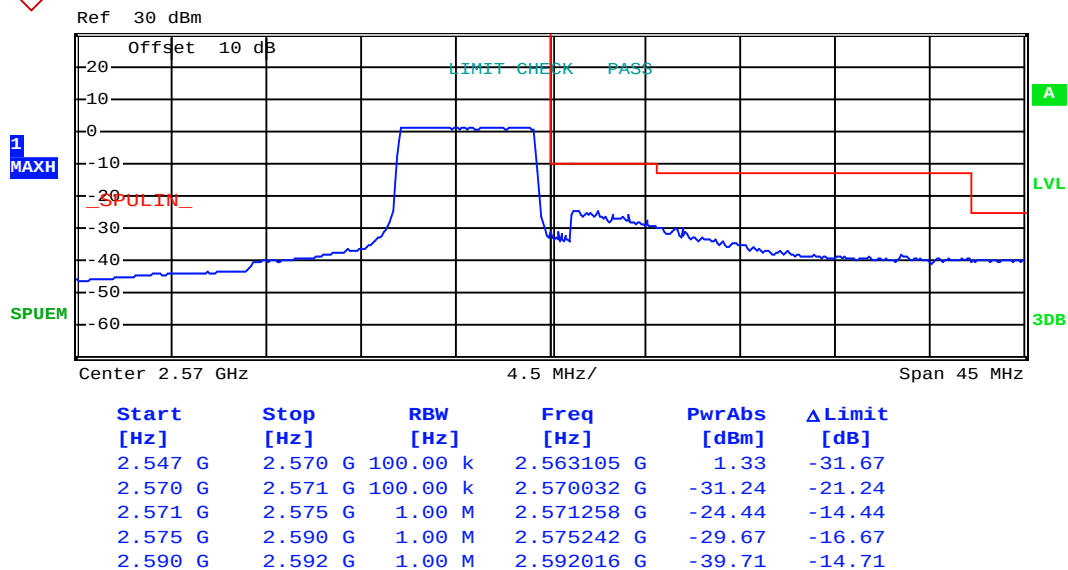
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 36 & RB Offset 37)



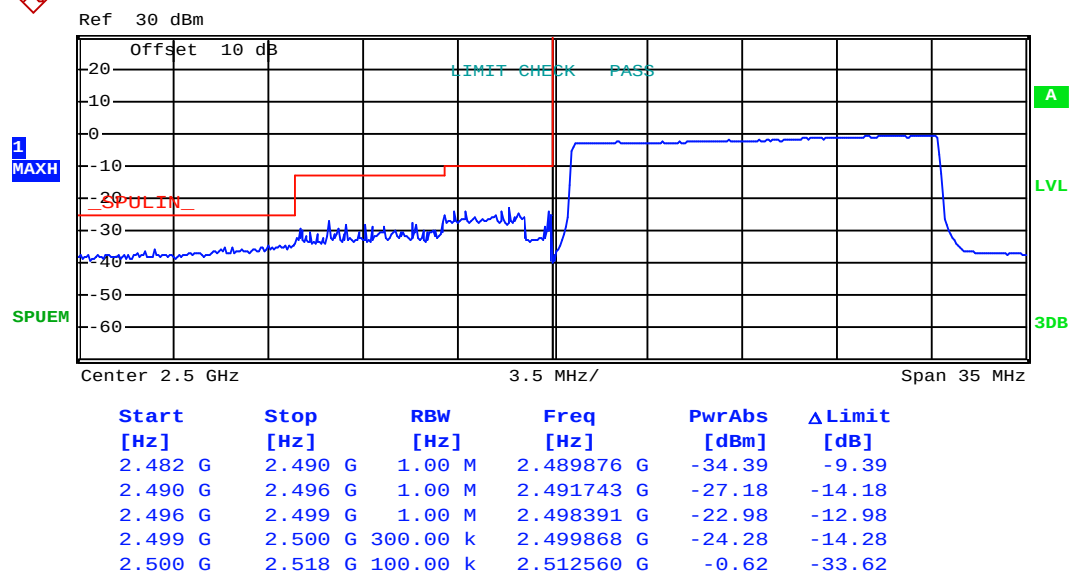
Lowest channel



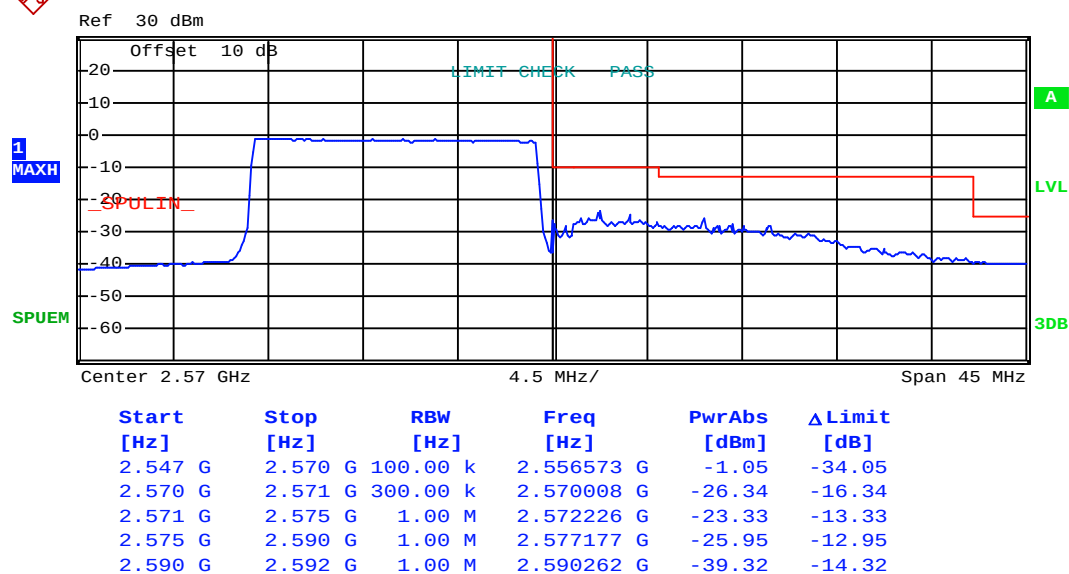
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 75 & RB Offset 0)



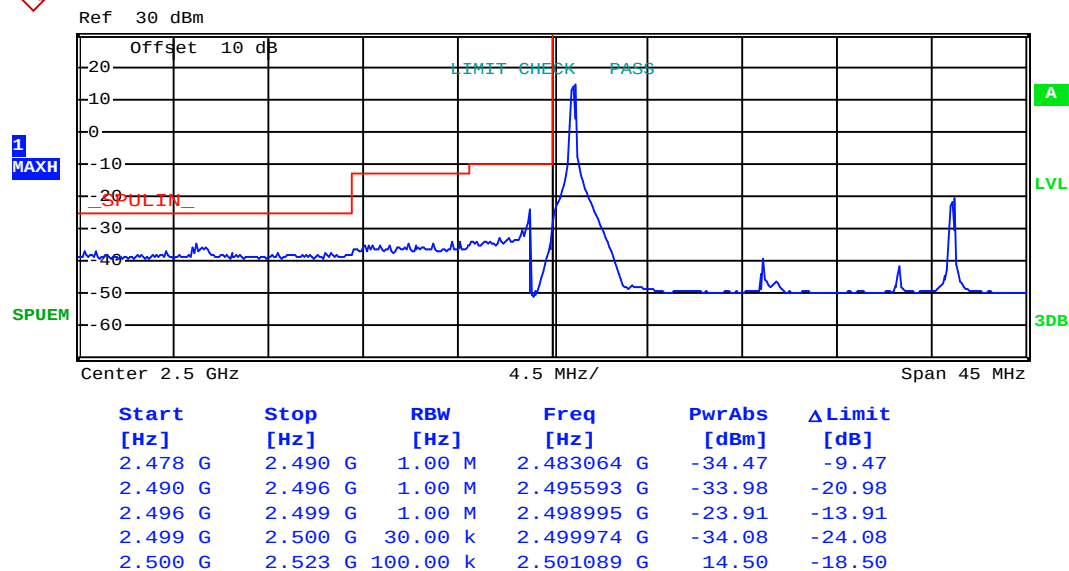
Lowest channel



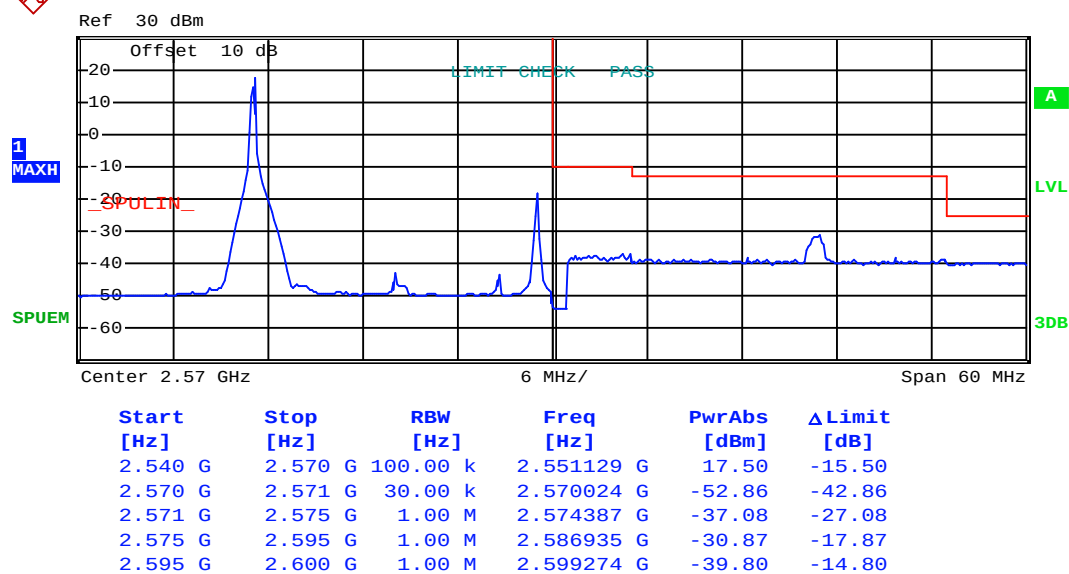
Highest channel

20MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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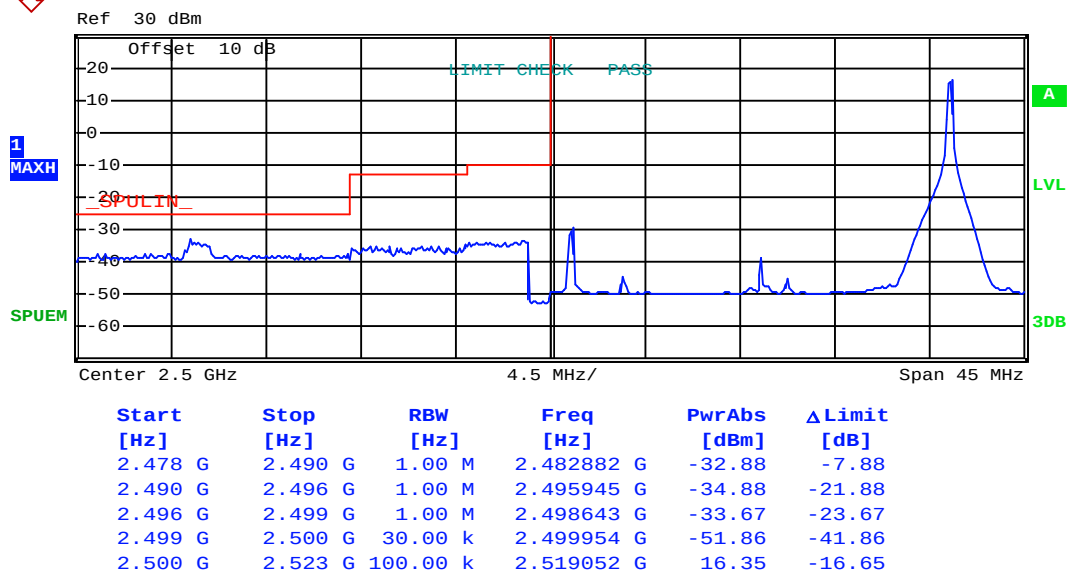
Lowest channel



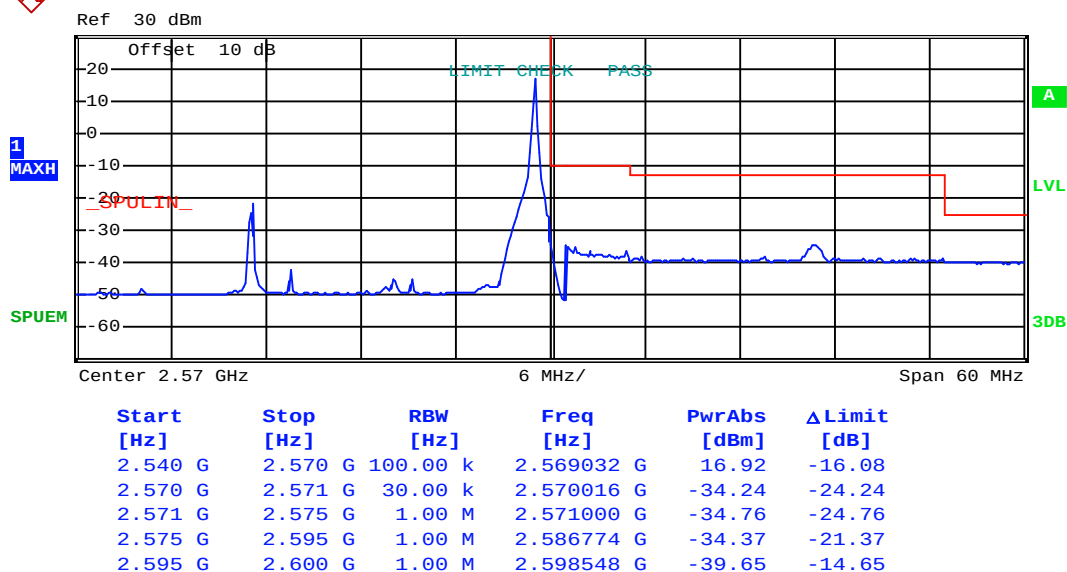
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 1 & RB Offset 99)



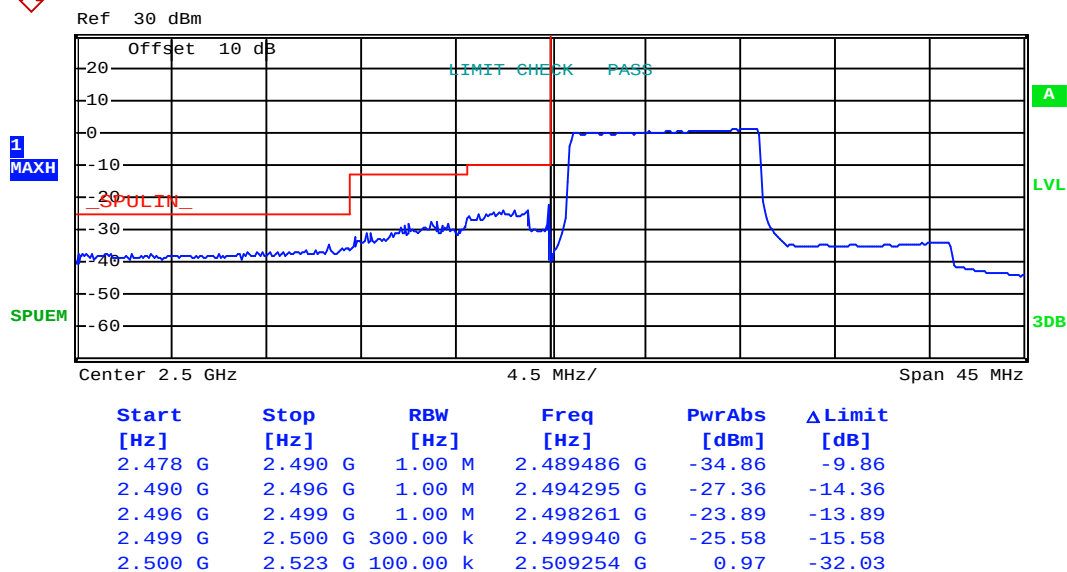
Lowest channel



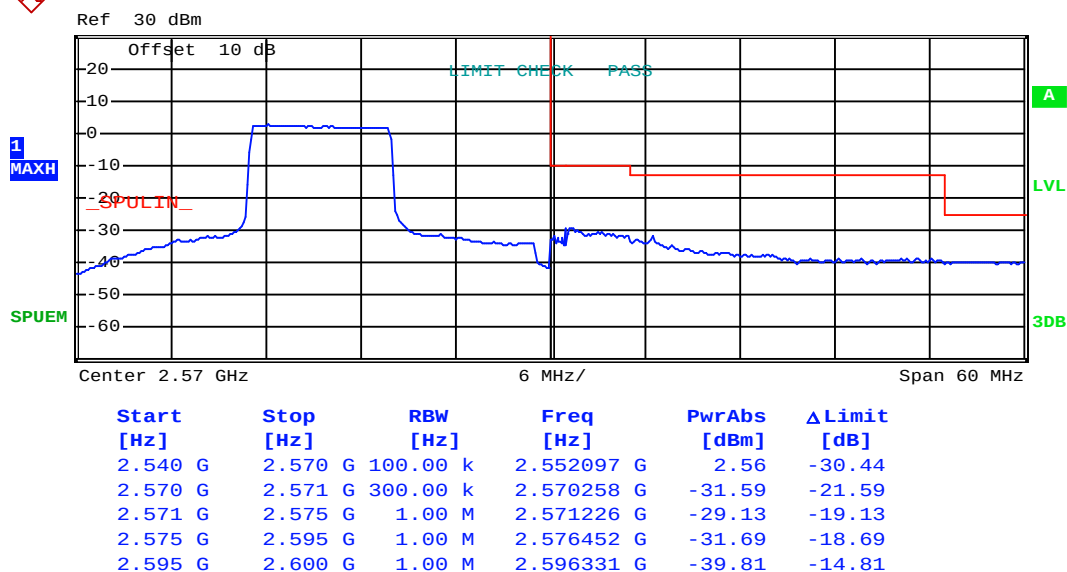
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 50 & RB Offset 0)



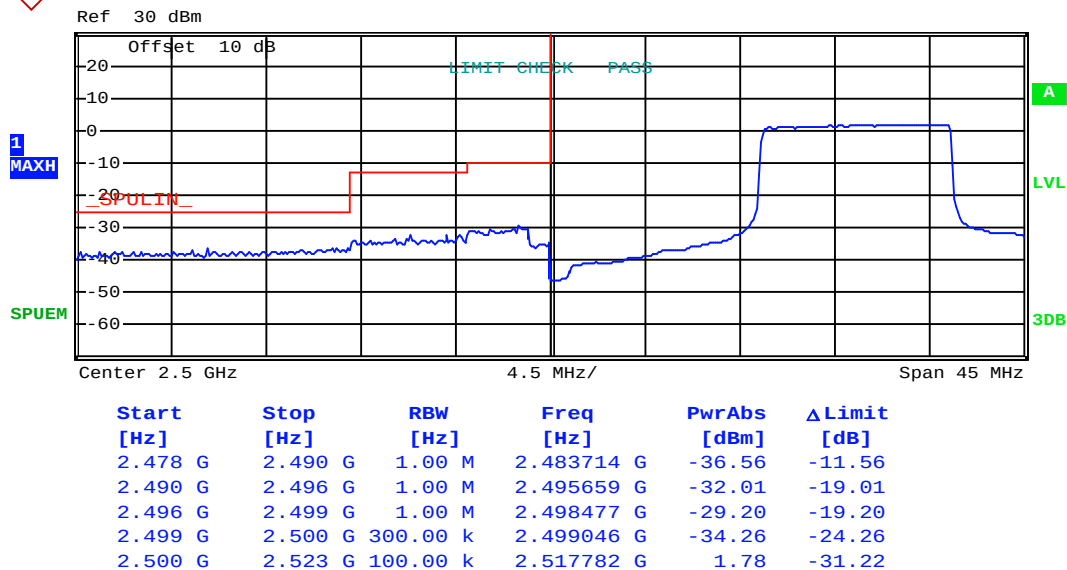
Lowest channel



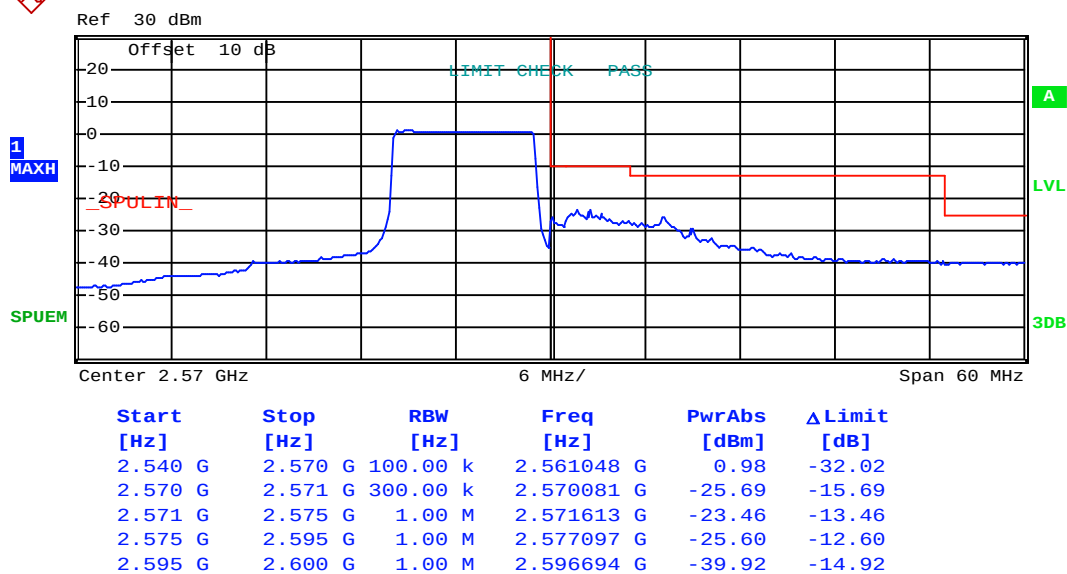
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 50 & RB Offset 49)



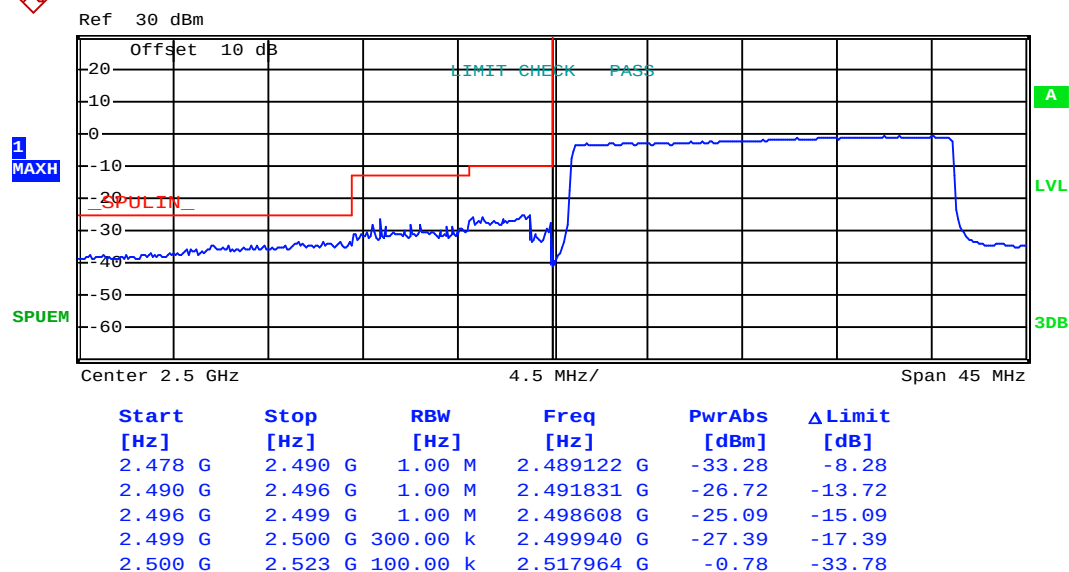
Lowest channel



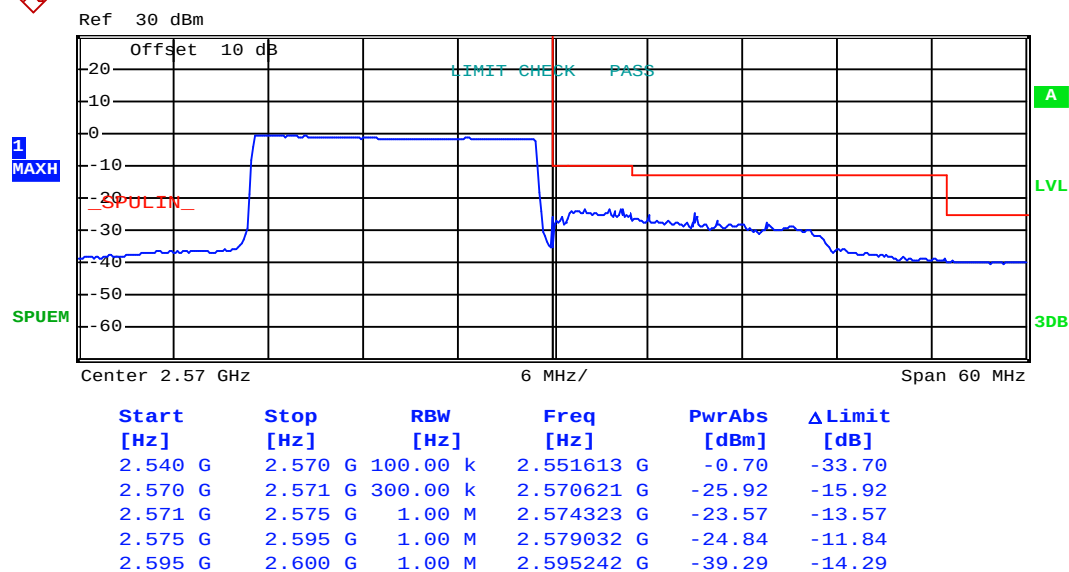
Highest channel

Test Mode:

LTE band 7(QPSK RB Size 100 & RB Offset 0)



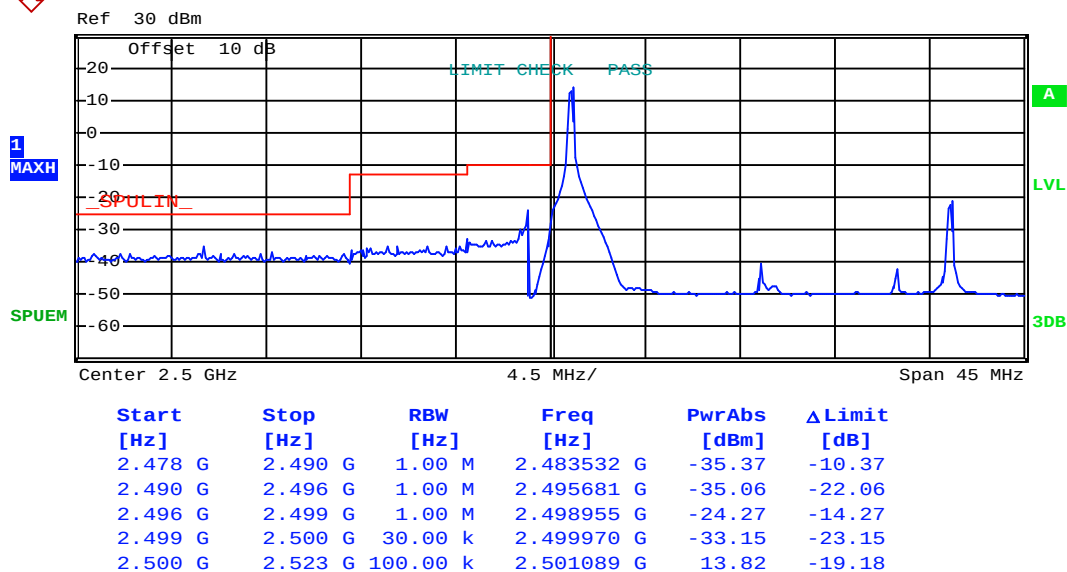
Lowest channel



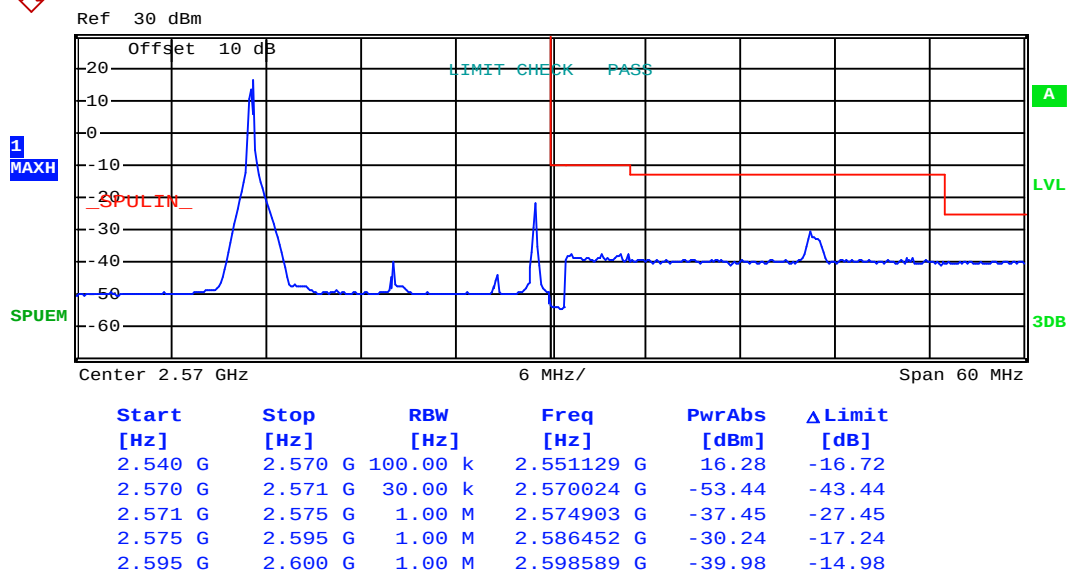
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 1 & RB Offset 0)

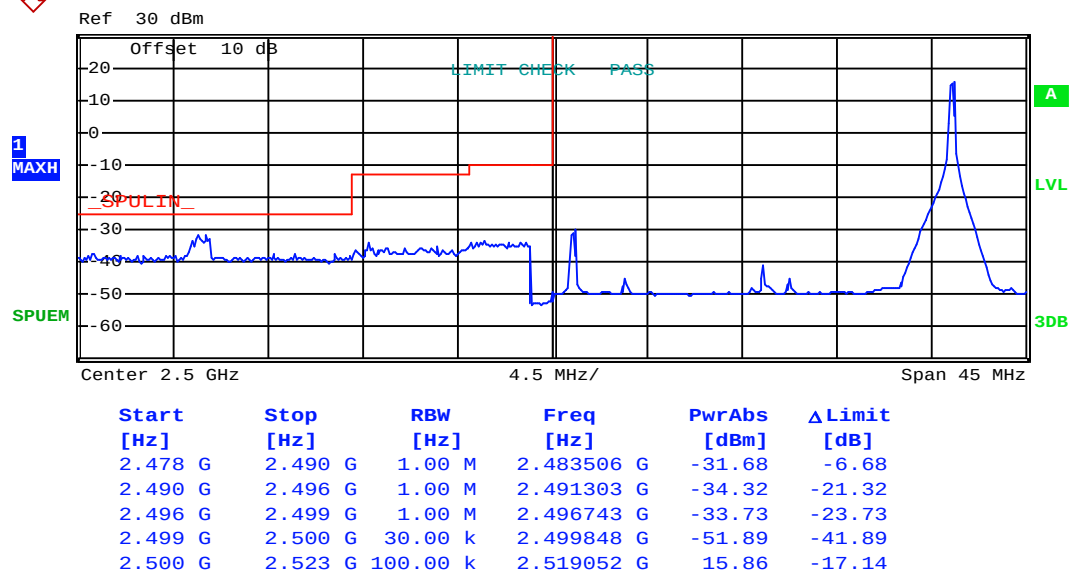


Lowest channel

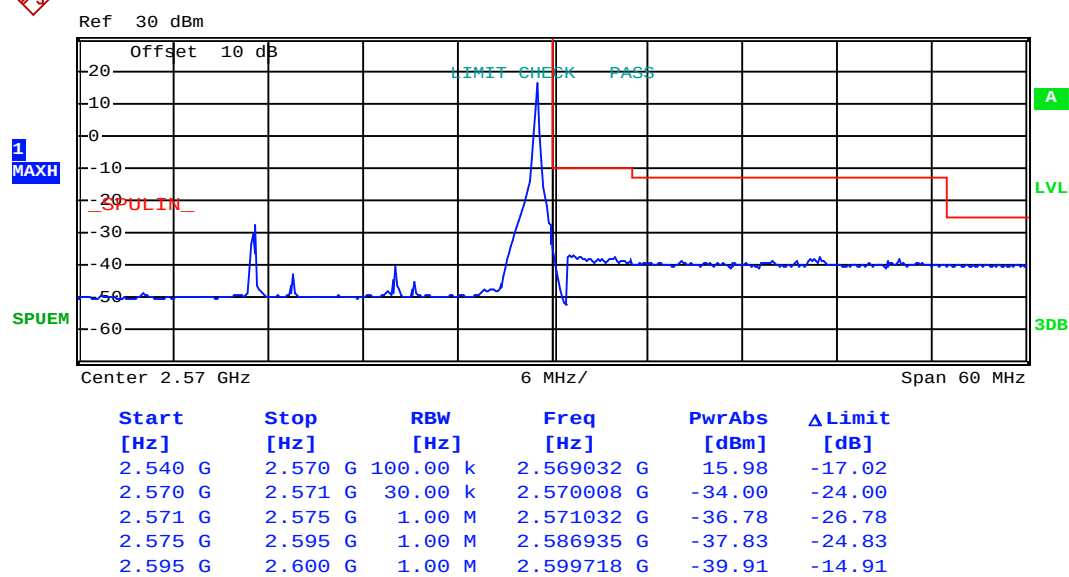


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 99)
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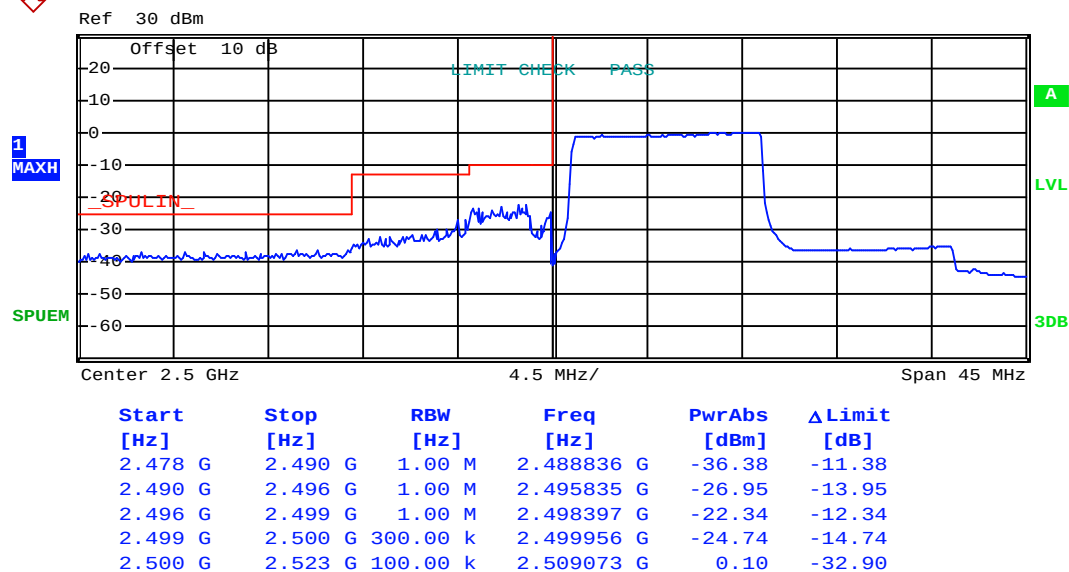


Lowest channel

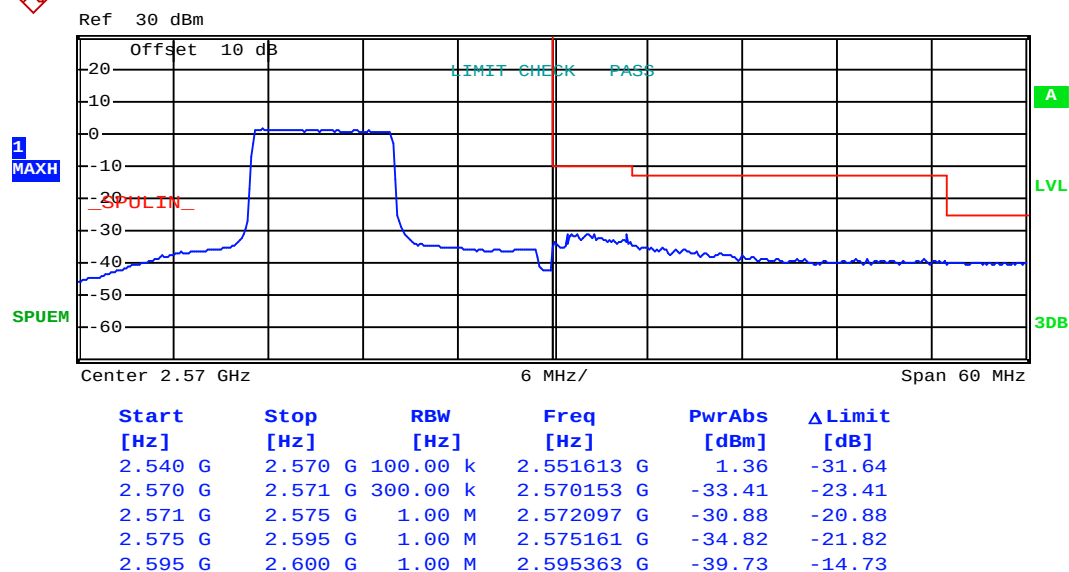


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 0)
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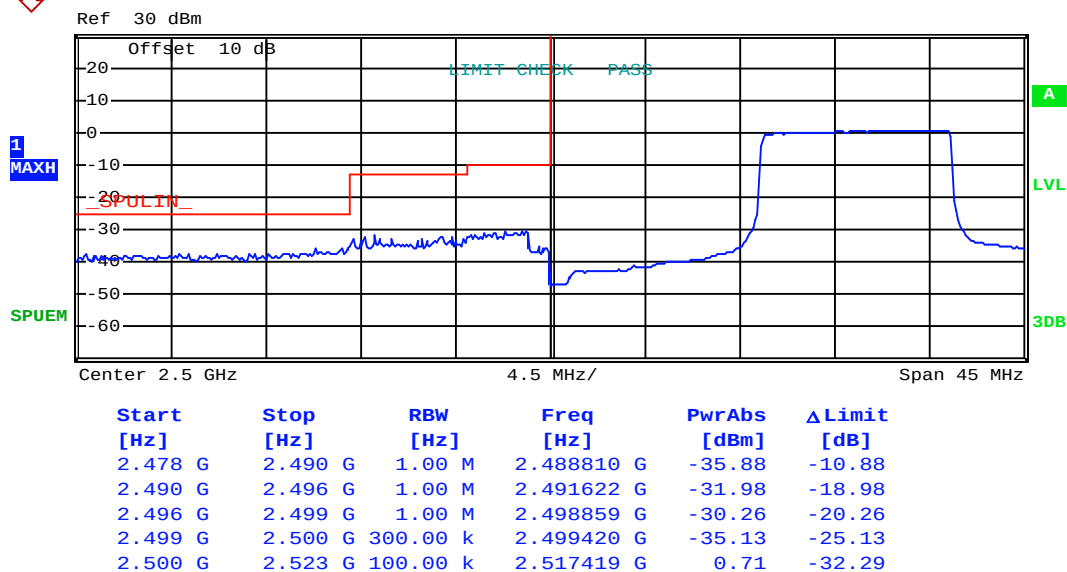
Lowest channel



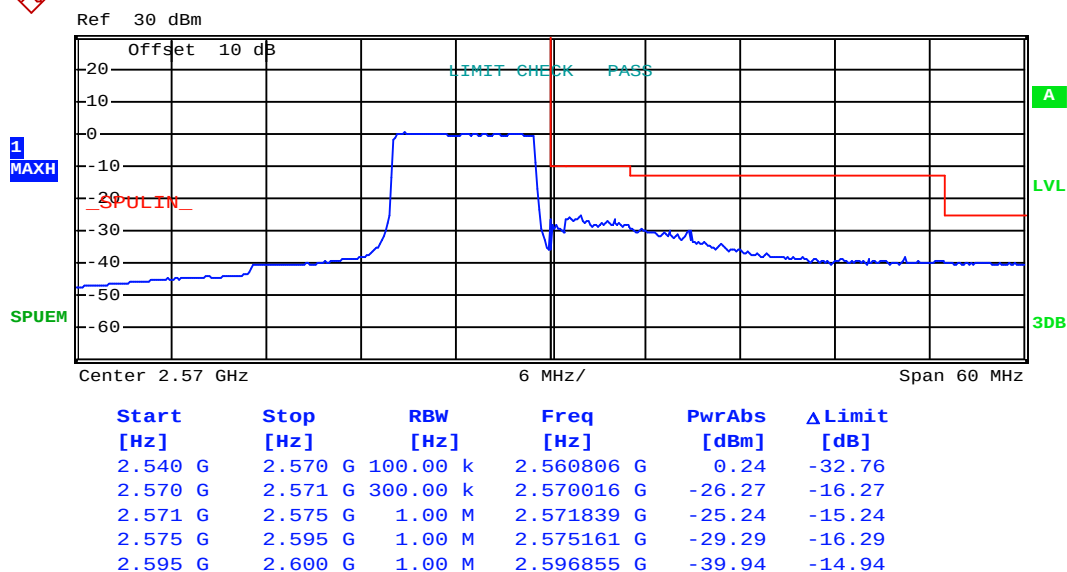
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 50 & RB Offset 49)



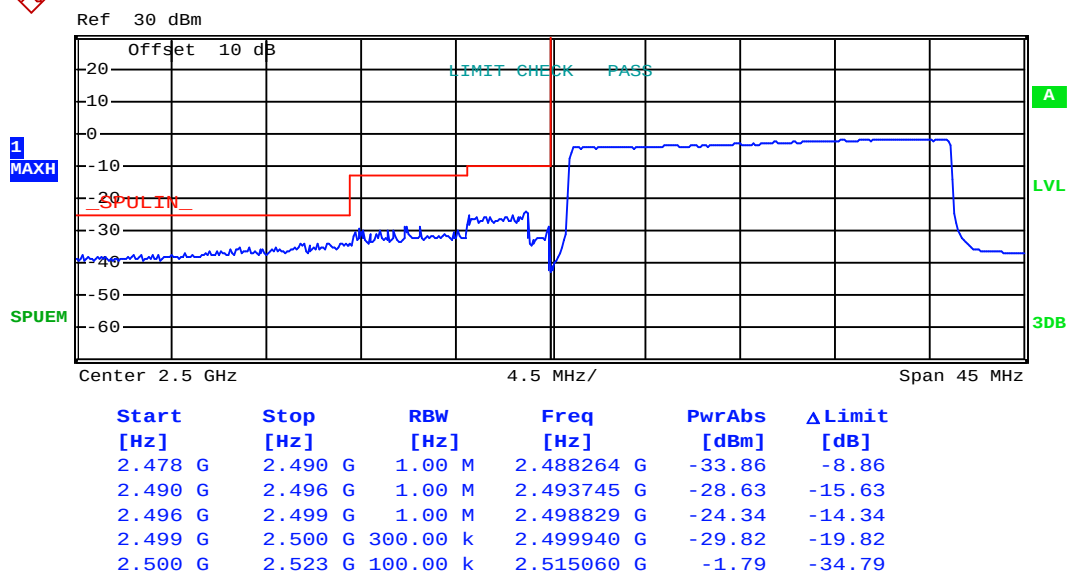
Lowest channel



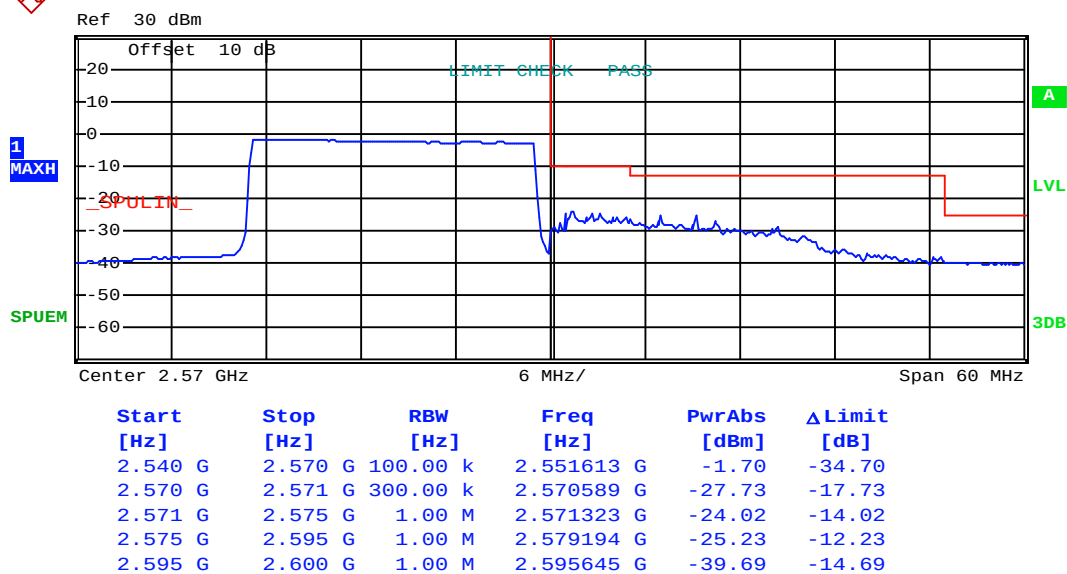
Highest channel

Test Mode:

LTE band 7(16QAM RB Size 100 & RB Offset 0)

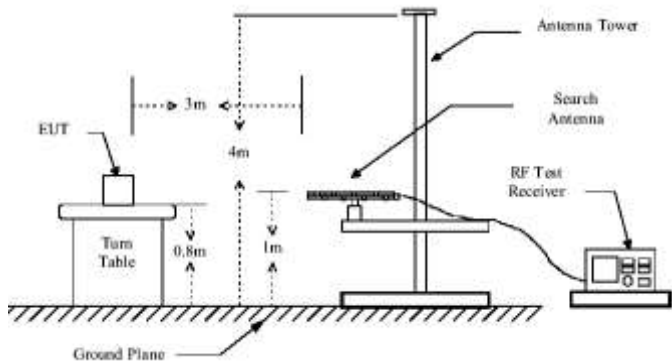
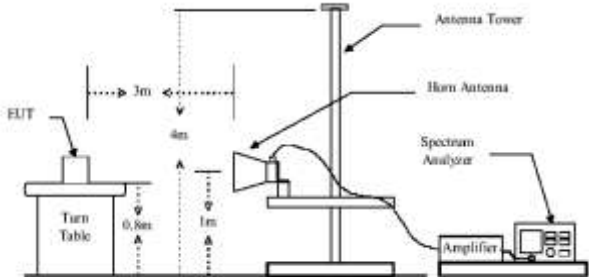
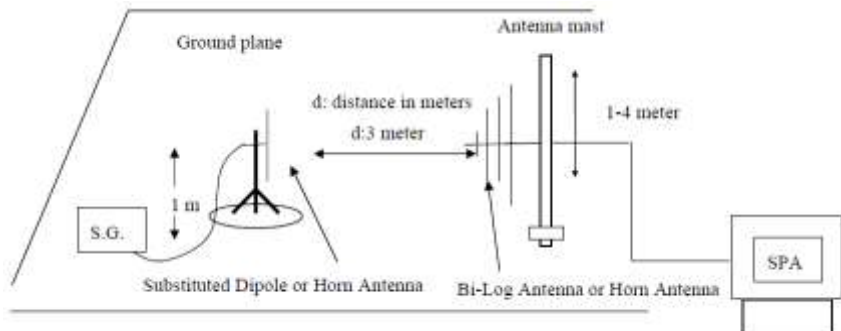


Lowest channel



Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	FCC part 24.232 (c), part 27.50(c), part 27.50(d) and part 27.50(h)
Test Method:	FCC part 2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4: 1W EIRP LTE Band 7: 2W EIRP
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. EIRP in frequency band 1850.7 –1909.3MHz, 1710.7-1754.3 MHz and 706.5-713..5 MHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: $\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}$ 4. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case)

LTE band 2 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	18.52	33.00	Pass
					H	19.31		
1850.70	18607	16QAM	1.4	H	V	18.69		
					H	19.42		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	18.42	33.00	Pass
					H	19.53		
1850.70	18607	16QAM	1.4	H	V	18.65		
					H	19.11		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	16.77	33.00	Pass
					H	17.93		
1850.70	18607	16QAM	1.4	H	V	17.24		
					H	17.87		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	19.08	33.00	Pass
					H	21.39		
1880.00	18900	16QAM	1.4	H	V	19.50		
					H	21.18		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	19.02	33.00	Pass
					H	21.18		
1880.00	18900	16QAM	1.4	H	V	19.13		
					H	21.11		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	17.03	33.00	Pass
					H	19.48		
1880.00	18900	16QAM	1.40	H	V	17.58		
					H	19.49		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	17.78	33.00	Pass
					H	19.22		
1909.30	19193	16QAM	1.4	H	V	18.15		
					H	19.07		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	17.79	33.00	Pass
					H	19.12		
1909.30	19193	16QAM	1.4	H	V	18.00		
					H	19.05		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	16.88	33.00	Pass
					H	17.79		
1909.30	19193	16QAM	1.4	H	V	17.09		
					H	17.91		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	18.65	33.00	Pass
					H	19.69		
1860.00	18700	16QAM	20	H	V	19.01		
					H	19.60		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	17.93	33.00	Pass
					H	18.57		
1860.00	18700	16QAM	20	H	V	18.75		
					H	19.57		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	15.94	33.00	Pass
					H	17.13		
1860.00	18700	16QAM	20	H	V	16.09		
					H	17.43		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	19.58	33.00	Pass
					H	20.83		
1880.00	18900	16QAM	20	H	V	19.34		
					H	20.62		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	17.91	33.00	Pass
					H	19.74		
1880.00	18900	16QAM	20	H	V	18.68		
					H	19.83		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	16.35	33.00	Pass
					H	17.38		
1880.00	18900	16QAM	20	H	V	16.52		
					H	17.83		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	19.78	33.00	Pass
					H	21.36		
1900.00	19100	16QAM	20	H	V	19.84		
					H	21.40		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	18.64	33.00	Pass
					H	19.65		
1900.00	19100	16QAM	20	H	V	19.01		
					H	20.32		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	16.14	33.00	Pass
					H	17.36		
1900.00	19100	16QAM	20	H	V	16.63		
					H	17.81		

LTE band 4 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.31	30.00	Pass
					H	16.01		
1710.70	19957	16QAM	1.4	H	V	24.70		
					H	16.26		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	25.04	30.00	Pass
					H	17.04		
1710.70	19957	16QAM	1.4	H	V	25.25		
					H	17.15		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.89	30.00	Pass
					H	16.01		
1710.70	19957	16QAM	1.4	H	V	24.51		
					H	16.74		

Middle channel

Initial Channel								
Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	25.20	30.00	Pass
					H	17.04		
1710.70	19957	16QAM	1.4	H	V	26.02		
					H	17.23		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	25.97	30.00	Pass
					H	17.46		
1710.70	19957	16QAM	1.4	H	V	26.38		
					H	17.60		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.60	30.00	Pass
					H	16.44		
1710.70	19957	16QAM	1.4	H	V	25.79		
					H	17.07		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.85	30.00	Pass
					H	16.80		
1710.70	19957	16QAM	1.4	H	V	25.05		
					H	16.89		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	25.08	30.00	Pass
					H	17.26		
1710.70	19957	16QAM	1.4	H	V	25.81		
					H	17.44		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.14	30.00	Pass
					H	16.38		
1710.70	19957	16QAM	1.4	H	V	25.39		
					H	17.02		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	25.19	30.00	Pass
					H	17.17		
1720.00	20050	16QAM	20	H	V	25.50		
					H	17.59		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	25.14	30.00	Pass
					H	17.12		
1720.00	20050	16QAM	20	H	V	26.06		
					H	18.12		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	24.19	30.00	Pass
					H	16.41		
1720.00	20050	16QAM	20	H	V	25.14		
					H	17.33		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	25.59	30.00	Pass
					H	17.81		
1732.50	20175	16QAM	20	H	V	26.11		
					H	18.27		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	25.87	30.00	Pass
					H	17.72		
1732.50	20175	16QAM	20	H	V	26.91		
					H	18.82		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	23.79	30.00	Pass
					H	15.92		
1732.50	20175	16QAM	20	H	V	25.26		
					H	16.80		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	25.62	30.00	Pass
					H	17.71		
1745.00	20300	16QAM	20	H	V	26.26		
					H	17.90		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	25.54	30.00	Pass
					H	17.51		
1745.00	20300	16QAM	20	H	V	26.79		
					H	18.43		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	23.22	30.00	Pass
					H	15.62		
1745.00	20300	16QAM	20	H	V	25.28		
					H	17.19		

LTE band 7 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	15.59	33.00	Pass
					H	10.64		
2502.50	20775	16QAM	5	H	V	15.46		
					H	11.30		
5MHz(RB size 12 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	11.70	33.00	Pass
					H	6.86		
2502.50	20775	16QAM	5	H	V	12.02		
					H	7.88		
5MHz(RB size 25 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	10.75	33.00	Pass
					H	5.78		
2502.50	20775	16QAM	5	H	V	10.19		
					H	6.19		

Middle channel

Initial Channel								
Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	14.43	33.00	Pass
					H	9.05		
2535.00	21100	16QAM	5	H	V	14.27		
					H	8.82		
5MHz(RB size 12 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	10.77	33.00	Pass
					H	5.95		
2535.00	21100	16QAM	5	H	V	11.03		
					H	6.19		
5MHz(RB size 25 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	9.94	33.00	Pass
					H	4.23		
2535.00	21100	16QAM	5	H	V	9.42		
					H	4.85		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	13.11	33.00	Pass
					H	7.13		
2567.50	21425	16QAM	5	H	V	13.15		
					H	7.20		
5MHz(RB size 12 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	9.51	33.00	Pass
					H	3.87		
2567.50	21425	16QAM	5	H	V	9.83		
					H	4.44		
5MHz(RB size 25 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	10.67	33.00	Pass
					H	4.32		
2567.50	21425	16QAM	5	H	V	11.01		
					H	5.76		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	15.45	33.00	Pass
					H	10.57		
2510.00	20850	16QAM	20	H	V	15.25		
					H	11.36		
20MHz(RB size 50 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	14.44	33.00	Pass
					H	9.83		
2510.00	20850	16QAM	20	H	V	15.02		
					H	10.59		
20MHz(RB size 100 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	12.74	33.00	Pass
					H	8.49		
2510.00	20850	16QAM	20	H	V	12.95		
					H	8.83		

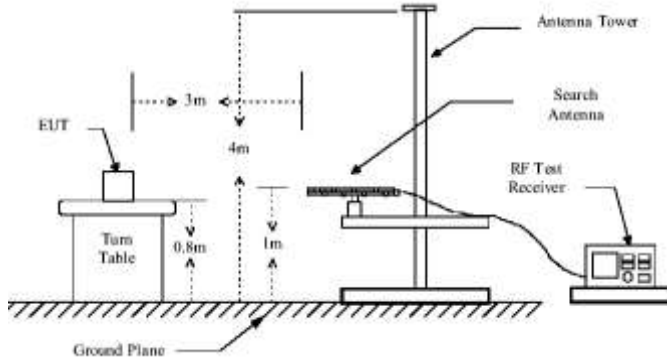
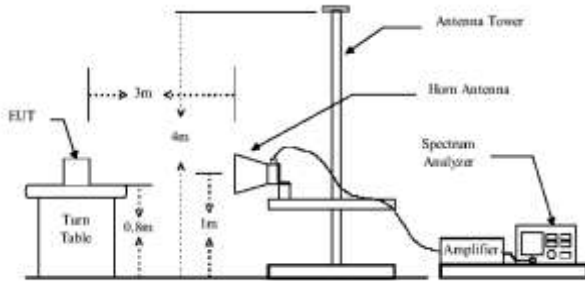
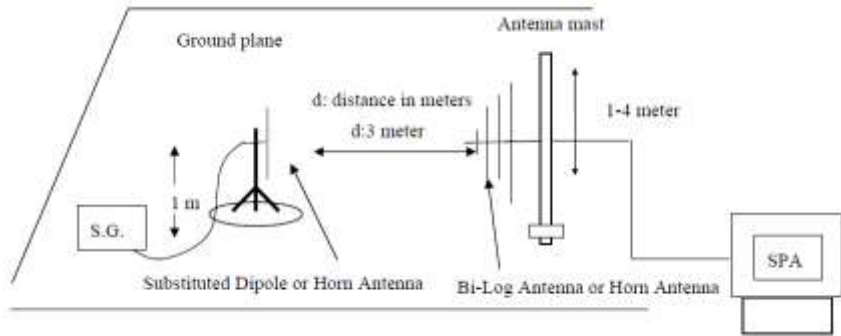
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	15.60	33.00	Pass
					H	8.21		
2535.00	21100	16QAM	20	H	V	15.50		
					H	8.70		
20MHz(RB size 50 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	14.28	33.00	Pass
					H	7.05		
2535.00	21100	16QAM	20	H	V	14.40		
					H	7.35		
20MHz(RB size 100 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	12.96	33.00	Pass
					H	5.89		
2535.00	21100	16QAM	20	H	V	12.96		
					H	6.28		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	14.34	33.00	Pass
					H	7.44		
2560.00	21350	16QAM	20	H	V	14.42		
					H	7.64		
20MHz(RB size 50 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	13.87	33.00	Pass
					H	6.54		
2560.00	21350	16QAM	20	H	V	13.86		
					H	6.76		
20MHz(RB size 100 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	12.39	33.00	Pass
					H	5.32		
2560.00	21350	16QAM	20	H	V	12.40		
					H	5.72		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 24.238 (a), part 27.53(g), part 27.53(h)
Test Method:	FCC part 2.1053
Limit:	LTE Band 2, LTE Band 4 and LTE Band 7: -25dBm
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference

	between radiated power at the fundamental frequency and the spurious emissions frequency. $\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case)

Below 1GHz:

The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

Above 1GHz

For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE band 2 part:

1.4MHz(RB size 1 & RB offset 0) for QPSK

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3701.40	Vertical	-43.76	-13.00	Pass
5552.10	V	-18.96		
7402.00	V	-41.33		
3701.40	Horizontal	-41.35		
5552.10	H	-22.83		
7402.00	H	-41.81		
Middle				
3760.00	Vertical	-44.93	-13.00	Pass
5640.00	V	-22.23		
7520.00	V	-40.01		
3760.00	Horizontal	-45.20		
5640.00	H	-28.30		
7520.00	H	-42.24		
Highest				
3816.60	Vertical	-44.95	-13.00	Pass
5724.90	V	-21.07		
7633.20	V	-40.06		
3816.60	Horizontal	-44.46		
5724.90	H	-25.70		
7633.20	H	-39.34		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-41.87	-13.00	Pass
5554.50	V	-22.58		
7406.00	V	-39.64		
3703.00	Horizontal	-40.28		
5554.50	H	-27.44		
7406.00	H	-39.83		
Middle				
3760.00	Vertical	-42.80	-13.00	Pass
5640.00	V	-20.76		
7520.00	V	-41.20		
3760.00	Horizontal	-43.30		
5640.00	H	-29.07		
7520.00	H	-39.13		
Highest				
3817.00	Vertical	-43.04	-13.00	Pass
5725.50	V	-25.80		
7634.00	V	-39.73		
3817.00	Horizontal	-44.69		
5725.50	H	-28.35		
7634.00	H	-40.32		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-42.48	-13.00	Pass
5557.50	V	-20.87		
7410.00	V	-40.35		
3705.00	Horizontal	-40.36		
5557.50	H	-24.58		
7410.00	H	-40.08		
Middle				
3760.00	Vertical	-43.42	-13.00	Pass
5640.00	V	-23.51		
7520.00	V	-40.36		
3760.00	Horizontal	-43.87		
5640.00	H	-29.09		
7520.00	H	-40.21		
Highest				
3815.00	Vertical	-43.57	-13.00	Pass
5722.50	V	-25.81		
7630.00	V	-41.55		
3815.00	Horizontal	-44.68		
5722.50	H	-28.80		
7630.00	H	-41.82		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-39.21	-13.00	Pass
5565.00	V	-18.55		
7420.00	V	-38.86		
3710.00	Horizontal	-42.68		
5565.00	H	-24.19		
7420.00	H	-38.95		
Middle				
3760.00	Vertical	-41.38	-13.00	Pass
5640.00	V	-22.95		
7520.00	V	-41.45		
3760.00	Horizontal	-42.97		
5640.00	H	-27.43		
7520.00	H	-42.10		
Highest				
3810.00	Vertical	-39.30	-13.00	Pass
5715.00	V	-21.14		
7620.00	V	-40.36		
3810.00	Horizontal	-40.76		
5715.00	H	-27.51		
7620.00	H	-40.96		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-41.29	-13.00	Pass
5572.50	V	-18.35		
7430.00	V	-39.73		
3715.00	Horizontal	-40.87		
5572.50	H	-22.65		
7430.00	H	-40.26		
Middle				
3760.00	Vertical	-40.76	-13.00	Pass
5640.00	V	-21.24		
7520.00	V	-42.38		
3760.00	Horizontal	-43.53		
5640.00	H	-26.05		
7520.00	H	-41.63		
Highest				
3805.00	Vertical	-40.72	-13.00	Pass
5707.50	V	-23.61		
7610.00	V	-41.22		
3805.00	Horizontal	-38.67		
5707.50	H	-26.85		
7610.00	H	-41.08		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-40.20	-13.00	Pass
5580.00	V	-18.04		
7440.00	V	-39.56		
3720.00	Horizontal	-41.54		
5580.00	H	-24.36		
7440.00	H	-39.56		
Middle				
3760.00	Vertical	-40.37	-13.00	Pass
5640.00	V	-20.34		
7520.00	V	-42.31		
3760.00	Horizontal	-39.92		
5640.00	H	-24.62		
7520.00	H	-42.12		
Highest				
3800.00	Vertical	-36.97	-13.00	Pass
5700.00	V	-17.51		
7600.00	V	-41.24		
3800.00	Horizontal	-39.38		
5700.00	H	-25.75		
7600.00	H	-40.41		

LTE Band 4 Part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3421.40	Vertical	-44.95	-13.00	Pass
5132.10	V	-30.39		
6842.80	V	-44.78		
3421.40	Horizontal	-45.12		
5132.10	H	-27.37		
6842.80	H	-44.61		
Middle				
3465.00	Vertical	-39.11	-13.00	Pass
5197.50	V	-27.27		
6930.00	V	-41.44		
3465.00	Horizontal	-43.63		
5197.50	H	-26.49		
6930.00	H	-42.60		
Highest				
3508.60	Vertical	-46.66	-13.00	Pass
5262.90	V	-34.87		
7017.20	V	-40.44		
3508.60	Horizontal	-46.46		
5262.90	H	-31.52		
7017.20	H	-40.66		
3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-44.62	-13.00	Pass
5134.50	V	-32.21		
6846.00	V	-40.21		
3423.00	Horizontal	-46.01		
5134.50	H	-48.86		
6846.00	H	-43.01		
Middle				
3465.00	Vertical	-42.24	-13.00	Pass
5197.50	V	-29.33		
6930.00	V	-41.46		
3465.00	Horizontal	-42.00		
5197.50	H	-24.44		
6930.00	H	-41.19		

Highest				
3507.00	Vertical	-45.05	-13.00	Pass
5260.50	V	-35.75		
7014.00	V	-41.38		
3507.00	Horizontal	-47.04		
5260.50	H	-37.02		
7014.00	H	40.51		
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-44.74	-13.00	Pass
5137.50	V	-31.48		
6850.00	V	-40.99		
3425.00	Horizontal	-45.67		
5137.50	H	-26.75		
6850.00	H	-42.88		
Middle				
3465.00	Vertical	-41.21	-13.00	Pass
5197.50	V	-30.77		
6930.00	V	-41.08		
3465.00	Horizontal	-44.21		
5197.50	H	-26.76		
6930.00	H	-41.28		
Highest				
3505.00	Vertical	-45.66	-13.00	Pass
5257.50	V	-35.35		
7010.00	V	-39.80		
3505.00	Horizontal	-48.13		
5257.50	H	-36.03		
7010.00	H	-41.67		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-45.23	-13.00	Pass
5145.00	V	-30.27		
6860.00	V	-41.01		
3430.00	Horizontal	-45.54		
5145.00	H	-28.61		
6860.00	H	-41.46		

Middle				
3465.00	Vertical	-43.56	-13.00	Pass
5197.50	V	-30.25		
6930.00	V	-40.09		
3465.00	Horizontal	-45.07		
5197.50	H	-28.91		
6930.00	H	-42.19		
Highest				
3500.00	Vertical	-43.85	-13.00	Pass
5250.00	V	-30.31		
7000.00	V	-39.41		
3500.00	Horizontal	-45.09		
5250.00	H	-27.74		
7000.00	H	-40.61		
15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-46.01	-13.00	Pass
5152.50	V	-33.52		
6870.00	V	-41.62		
3435.00	Horizontal	-45.80		
5152.50	H	-25.32		
6870.00	H	-41.66		
Middle				
3465.00	Vertical	-43.32	-13.00	Pass
5197.50	V	-31.72		
6930.00	V	-41.63		
3465.00	Horizontal	-44.60		
5197.50	H	-29.81		
6930.00	H	-40.61		
Highest				
3495.00	Vertical	-41.66	-13.00	Pass
5242.50	V	-27.87		
6990.00	V	-39.21		
3495.00	Horizontal	-42.89		
5242.50	H	-28.24		
6990.00	H	-39.84		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-44.65	-13.00	Pass
5160.00	V	-30.79		
6880.00	V	-41.73		
3440.00	Horizontal	-46.11		
5160.00	H	-29.98		
6880.00	H	-41.64		
Middle				
3465.00	Vertical	-45.39	-13.00	Pass
5197.50	V	-34.07		
6930.00	V	-40.90		
3465.00	Horizontal	-45.83		
5197.50	H	-29.59		
6930.00	H	-40.62		
Highest				
3490.00	Vertical	-40.32	-13.00	Pass
5235.00	V	-27.56		
6980.00	V	-41.15		
3490.00	Horizontal	-42.63		
5235.00	H	-25.06		
6980.00	H	-39.92		

LTE Band 7 Part:

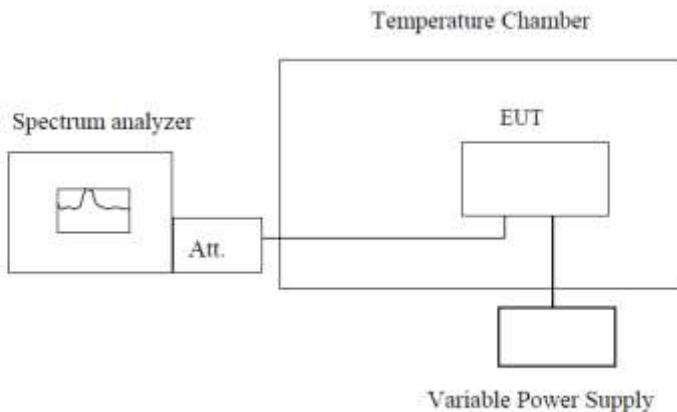
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5005.00	Vertical	-31.16	-25.00	Pass
7507.50	V	-31.36		
10010.00	V	-35.65		
5005.00	Horizontal	-26.07		
7507.50	H	-31.07		
10010.00	H	-38.25		
Middle				
5070.00	Vertical	-29.04	-25.00	Pass
7605.00	V	-31.87		
10140.00	V	-35.41		
5070.00	Horizontal	-31.05		
7605.00	H	-32.26		
10140.00	H	-35.92		
Highest				
5135.00	Vertical	-30.50	-25.00	Pass
7702.50	V	-30.05		
10270.00	V	-35.21		
5135.00	Horizontal	-31.99		
7702.50	H	-26.79		
10270.00	H	-34.24		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5010.00	Vertical	-26.44	-25.00	Pass
7515.00	V	-34.29		
10020.00	V	-36.30		
5010.00	Horizontal	-27.40		
7515.00	H	-31.22		
10020.00	H	-36.20		
Middle				
5070.00	Vertical	-31.26	-25.00	Pass
7605.00	V	-33.19		
10140.00	V	-36.44		
5070.00	Horizontal	-31.56		
7605.00	H	-31.04		
10140.00	H	-37.18		

Highest				
5130.00	Vertical	-32.08	-25.00	Pass
7695.00	V	-30.35		
10260.00	V	-36.24		
5130.00	Horizontal	-30.51		
7695.00	H	-29.24		
10260.00	H	-34.04		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5015.00	Vertical	-26.79	-25.00	Pass
7522.50	V	-29.61		
10030.00	V	-33.77		
5015.00	Horizontal	-26.42		
7522.50	H	-30.77		
10030.00	H	-35.88		
Middle				
5070.00	Vertical	-30.50	-25.00	Pass
7605.00	V	-33.40		
10140.00	V	-36.30		
5070.00	Horizontal	-31.02		
7605.00	H	-33.34		
10140.00	H	-36.60		
Highest				
5125.00	Vertical	-32.38	-25.00	Pass
7687.50	V	-32.12		
10250.00	V	-37.94		
5125.00	Horizontal	-33.13		
7687.50	H	-28.57		
10250.00	H	-36.32		
20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5020.00	Vertical	-25.90	-25.00	Pass
7530.00	V	-31.02		
10040.00	V	-34.35		
5020.00	Horizontal	-28.36		
7530.00	H	-25.81		
10040.00	H	-35.41		

Middle				
5070.00	Vertical	-29.94	-25.00	Pass
7605.00	V	-33.04		
10140.00	V	-35.99		
5070.00	Horizontal	-30.06		
7605.00	H	-31.91		
10140.00	H	-36.30		
Highest				
5120.00	Vertical	-28.82	-25.00	Pass
7680.00	V	-30.70		
10240.00	V	-33.02		
5120.00	Horizontal	-28.67		
7680.00	H	-25.97		
10240.00	H	-35.46		

6.12 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part 2.1055(a)(1)(b)
Test Method:	FCC Part 2.1055(a)(1)(b)
Limit:	± 2.5 ppm
Test setup:	 Note : Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	189	0.100532	±2.5	Pass
	-20	153	0.081383		
	-10	177	0.094149		
	0	155	0.082447		
	10	129	0.068617		
	20	101	0.053723		
	30	167	0.088830		
	40	149	0.079255		
	50	78	0.041489		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	137	0.072872	±2.5	Pass
	-20	158	0.084043		
	-10	171	0.090957		
	0	168	0.089362		
	10	153	0.081383		
	20	165	0.087766		
	30	147	0.078191		
	40	134	0.071277		
	50	149	0.079255		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	128	0.068085	±2.5	Pass
	-20	129	0.068617		
	-10	91	0.048404		
	0	84	0.044681		
	10	93	0.049468		
	20	107	0.056915		
	30	62	0.032979		
	40	89	0.047340		
	50	104	0.055319		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	68	0.036170	±2.5	Pass
	-20	177	0.094149		
	-10	53	0.028191		
	0	61	0.032447		
	10	139	0.073936		
	20	126	0.067021		
	30	76	0.040426		
	40	102	0.054255		
	50	81	0.043085		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	98	0.052128	±2.5	Pass
	-20	81	0.043085		
	-10	77	0.040957		
	0	123	0.065426		
	10	75	0.039894		
	20	106	0.056383		
	30	94	0.050000		
	40	128	0.068085		
	50	62	0.032979		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	148	0.078723	±2.5	Pass
	-20	152	0.080851		
	-10	134	0.071277		
	0	83	0.044149		
	10	69	0.036702		
	20	91	0.048404		
	30	106	0.056383		
	40	125	0.066489		
	50	132	0.070213		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	128	0.068085	±2.5	Pass
	-20	166	0.088298		
	-10	188	0.100000		
	0	177	0.094149		
	10	68	0.036170		
	20	186	0.098936		
	30	122	0.064894		
	40	139	0.073936		
	50	161	0.085638		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	135	0.071809	±2.5	Pass
	-20	123	0.065426		
	-10	124	0.065957		
	0	101	0.053723		
	10	122	0.064894		
	20	165	0.087766		
	30	157	0.083511		
	40	139	0.073936		
	50	121	0.064362		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	128	0.068085	±2.5	Pass
	-20	93	0.049468		
	-10	84	0.044681		
	0	137	0.072872		
	10	122	0.064894		
	20	129	0.068617		
	30	101	0.053723		
	40	133	0.070745		
	50	125	0.066489		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	105	0.055851	±2.5	Pass
	-20	131	0.069681		
	-10	87	0.046277		
	0	102	0.054255		
	10	127	0.067553		
	20	171	0.090957		
	30	65	0.034574		
	40	108	0.057447		
	50	101	0.053723		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	139	0.073936	±2.5	Pass
	-20	104	0.055319		
	-10	92	0.048936		
	0	127	0.067553		
	10	133	0.070745		
	20	141	0.075000		
	30	68	0.036170		
	40	123	0.065426		
	50	94	0.050000		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	138	0.073404	±2.5	Pass
	-20	154	0.081915		
	-10	122	0.064894		
	0	129	0.068617		
	10	91	0.048404		
	20	87	0.046277		
	30	73	0.038830		
	40	62	0.032979		
	50	97	0.051596		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	78	0.045022	±2.5	Pass
	-20	83	0.047908		
	-10	151	0.087157		
	0	164	0.094661		
	10	127	0.073304		
	20	136	0.078499		
	30	103	0.059452		
	40	132	0.076190		
	50	108	0.062338		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	165	0.095238	±2.5	Pass
	-20	154	0.088889		
	-10	132	0.076190		
	0	105	0.060606		
	10	123	0.070996		
	20	131	0.075613		
	30	122	0.070418		
	40	104	0.060029		
	50	125	0.072150		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	178	0.102742	±2.5	Pass
	-20	161	0.092929		
	-10	127	0.073304		
	0	125	0.072150		
	10	92	0.053102		
	20	108	0.062338		
	30	103	0.059452		
	40	120	0.069264		
	50	102	0.058874		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	92	0.053102	±2.5	Pass
	-20	122	0.070418		
	-10	126	0.072727		
	0	91	0.052525		
	10	164	0.094661		
	20	147	0.084848		
	30	105	0.060606		
	40	128	0.073882		
	50	133	0.076768		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	101	0.058297	±2.5	Pass
	-20	122	0.070418		
	-10	104	0.060029		
	0	118	0.068110		
	10	104	0.060029		
	20	97	0.055988		
	30	76	0.043867		
	40	128	0.073882		
	50	102	0.058874		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	159	0.091775	±2.5	Pass
	-20	172	0.099278		
	-10	173	0.099856		
	0	67	0.038672		
	10	108	0.062338		
	20	102	0.058874		
	30	121	0.069841		
	40	148	0.085426		
	50	106	0.061183		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	158	0.091198	±2.5	Pass
	-20	165	0.095238		
	-10	124	0.071573		
	0	143	0.082540		
	10	145	0.083694		
	20	128	0.073882		
	30	127	0.073304		
	40	125	0.072150		
	50	96	0.055411		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	118	0.068110	±2.5	Pass
	-20	144	0.083117		
	-10	109	0.062915		
	0	72	0.041558		
	10	168	0.096970		
	20	125	0.072150		
	30	137	0.079076		
	40	146	0.084271		
	50	105	0.060606		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	138	0.079654	±2.5	Pass
	-20	84	0.048485		
	-10	99	0.057143		
	0	125	0.072150		
	10	102	0.058874		
	20	168	0.096970		
	30	121	0.069841		
	40	109	0.062915		
	50	163	0.094084		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	129	0.074459	±2.5	Pass
	-20	166	0.095815		
	-10	92	0.053102		
	0	94	0.054257		
	10	105	0.060606		
	20	127	0.073304		
	30	106	0.061183		
	40	135	0.077922		
	50	95	0.054834		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	128	0.073882	±2.5	Pass
	-20	104	0.060029		
	-10	131	0.075613		
	0	123	0.070996		
	10	108	0.062338		
	20	165	0.095238		
	30	77	0.044444		
	40	159	0.091775		
	50	92	0.053102		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	165	0.095238	±2.5	Pass
	-20	154	0.088889		
	-10	149	0.086003		
	0	123	0.070996		
	10	62	0.035786		
	20	95	0.054834		
	30	58	0.033478		
	40	104	0.060029		
	50	109	0.062915		

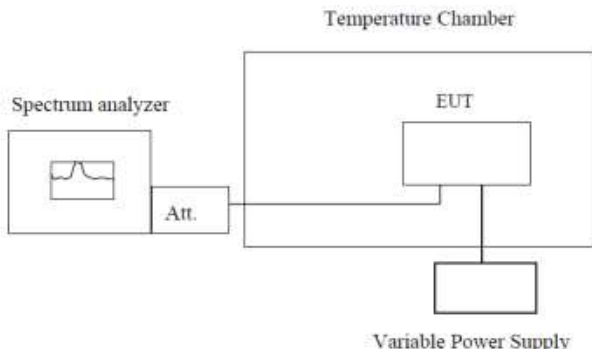
LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	189	0.074556	±2.5	Pass
	-20	165	0.065089		
	-10	122	0.048126		
	0	87	0.034320		
	10	61	0.024063		
	20	78	0.030769		
	30	126	0.049704		
	40	82	0.032347		
	50	91	0.035897		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	74	0.029191	±2.5	Pass
	-20	138	0.054438		
	-10	125	0.049310		
	0	129	0.050888		
	10	92	0.036292		
	20	62	0.024458		
	30	84	0.033136		
	40	101	0.039842		
	50	128	0.050493		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	178	0.070217	±2.5	Pass
	-20	167	0.065878		
	-10	81	0.031953		
	0	95	0.037475		
	10	178	0.070217		
	20	157	0.061933		
	30	79	0.031164		
	40	82	0.032347		
	50	65	0.025641		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	148	0.058383	±2.5	Pass
	-20	64	0.025247		
	-10	77	0.030375		
	0	88	0.034714		
	10	135	0.053254		
	20	113	0.044576		
	30	95	0.037475		
	40	89	0.035108		
	50	81	0.031953		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	68	0.026824	±2.5	Pass
	-20	95	0.037475		
	-10	121	0.047732		
	0	154	0.060750		
	10	169	0.066667		
	20	53	0.020907		
	30	45	0.017751		
	40	68	0.026824		
	50	94	0.037081		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	82	0.032347	±2.5	Pass
	-20	68	0.026824		
	-10	104	0.041026		
	0	136	0.053649		
	10	68	0.026824		
	20	99	0.039053		
	30	83	0.032742		
	40	122	0.048126		
	50	131	0.051677		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	157	0.061933	2.5	Pass
	-20	132	0.052071		
	-10	79	0.031164		
	0	91	0.035897		
	10	122	0.048126		
	20	95	0.037475		
	30	84	0.033136		
	40	83	0.032742		
	50	96	0.037870		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	162	0.063905	2.5	Pass
	-20	88	0.034714		
	-10	122	0.048126		
	0	161	0.063511		
	10	89	0.035108		
	20	75	0.029586		
	30	63	0.024852		
	40	72	0.028402		
	50	94	0.037081		

6.13 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part 2.1055(d)(1)(2)
Test Method:	FCC Part 2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	 Note : Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details, and all channels have been tested, only shows the worst channel data in this report.
Test results:	Passed

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	69	0.036702	±2.5	Pass
	3.80	85	0.045213		
	3.40	64	0.034043		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	82	0.043617	±2.5	Pass
	3.80	85	0.045213		
	3.40	78	0.041489		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	64	0.034043	±2.5	Pass
	3.80	47	0.025000		
	3.40	76	0.040426		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.032979	±2.5	Pass
	3.80	99	0.052660		
	3.40	82	0.043617		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.032979	±2.5	Pass
	3.80	54	0.028723		
	3.40	58	0.030851		
Reference Frequency: LTE Band 2(20MHz) Middle channel=20175 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	66	0.035106	±2.5	Pass
	3.80	65	0.034574		
	3.40	79	0.042021		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	95	0.050532	±2.5	Pass
	3.80	84	0.044681		
	3.40	89	0.047340		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	52	0.027660	±2.5	Pass
	3.80	68	0.036170		
	3.40	66	0.035106		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	77	0.040957	±2.5	Pass
	3.80	56	0.029787		
	3.40	45	0.023936		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.036170	±2.5	Pass
	3.80	62	0.032979		
	3.40	71	0.037766		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	45	0.023936	±2.5	Pass
	3.80	48	0.025532		
	3.40	43	0.022872		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.036170	±2.5	Pass
	3.80	87	0.046277		
	3.40	74	0.039362		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.039250	±2.5	Pass
	3.80	55	0.031746		
	3.40	77	0.044444		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	65	0.037518	±2.5	Pass
	3.80	53	0.030592		
	3.40	48	0.027706		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	55	0.031746	±2.5	Pass
	3.80	58	0.033478		
	3.40	44	0.025397		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	81	0.046753	±2.5	Pass
	3.80	82	0.047330		
	3.40	49	0.028283		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	59	0.034055	±2.5	Pass
	3.80	53	0.030592		
	3.40	98	0.056566		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	81	0.046753	±2.5	Pass
	3.80	77	0.044444		
	3.40	73	0.042136		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.039250	±2.5	Pass
	3.80	55	0.031746		
	3.40	44	0.025397		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	71	0.040981	±2.5	Pass
	3.80	83	0.047908		
	3.40	87	0.050216		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	65	0.037518	±2.5	Pass
	3.80	64	0.036941		
	3.40	57	0.032900		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.049062	±2.5	Pass
	3.80	98	0.056566		
	3.40	54	0.031169		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.035786	±2.5	Pass
	3.80	84	0.048485		
	3.40	76	0.043867		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	52	0.030014	±2.5	Pass
	3.80	68	0.039250		
	3.40	55	0.031746		

LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.024458	±2.5	Pass
	3.80	64	0.025247		
	3.40	85	0.033531		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	72	0.028402	±2.5	Pass
	3.80	55	0.021696		
	3.40	51	0.020118		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	72	0.028402	±2.5	Pass
	3.80	65	0.025641		
	3.40	87	0.034320		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	92	0.036292	±2.5	Pass
	3.80	84	0.033136		
	3.40	58	0.022880		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.024458	±2.5	Pass
	3.80	54	0.021302		
	3.40	87	0.034320		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.024458	±2.5	Pass
	3.80	41	0.016174		
	3.40	94	0.037081		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	83	0.032742	±2.5	Pass
	3.80	55	0.021696		
	3.40	54	0.021302		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	66	0.026036	±2.5	Pass
	3.80	63	0.024852		
	3.40	88	0.034714		