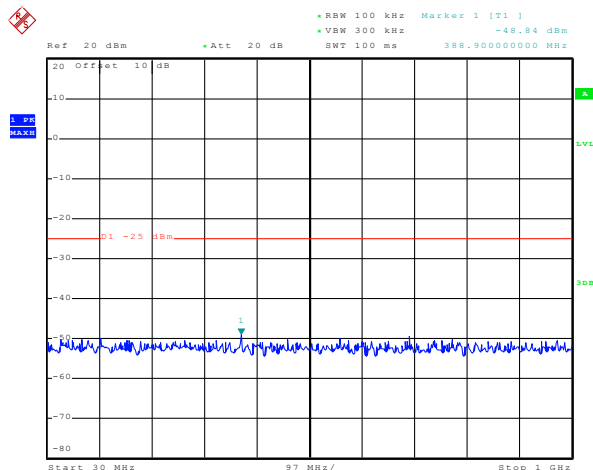


LTE band 7 Part:

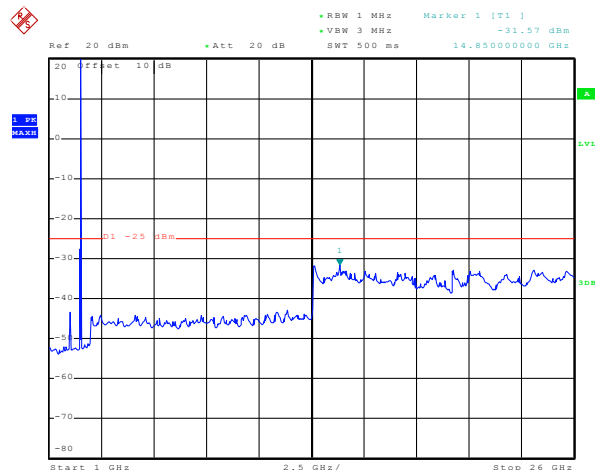
5MHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21 JUL 2015 22:15:00

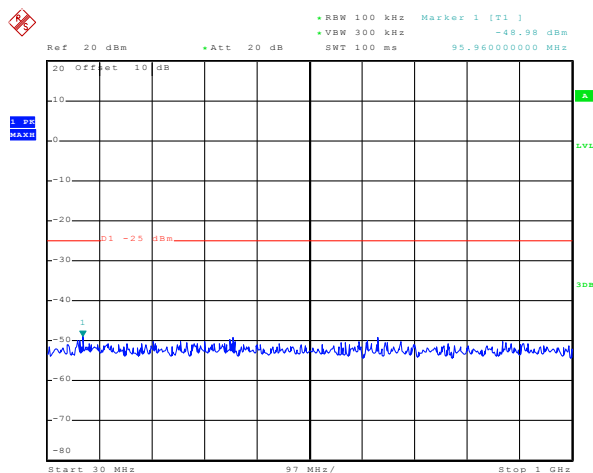
30MHz~1GHz



Date: 21..JUL..2015 21:49:02

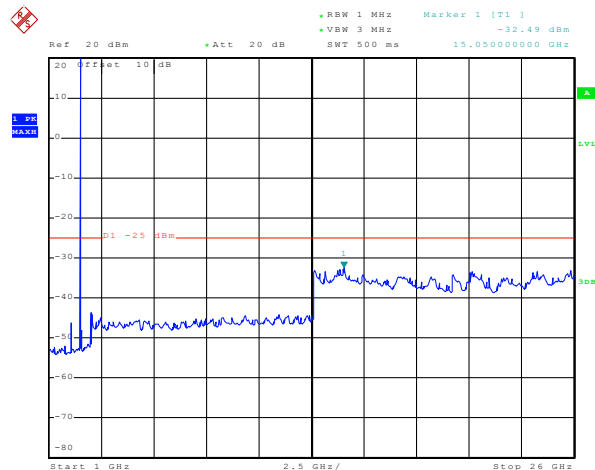
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21 .JUL. 2015 22:15:31

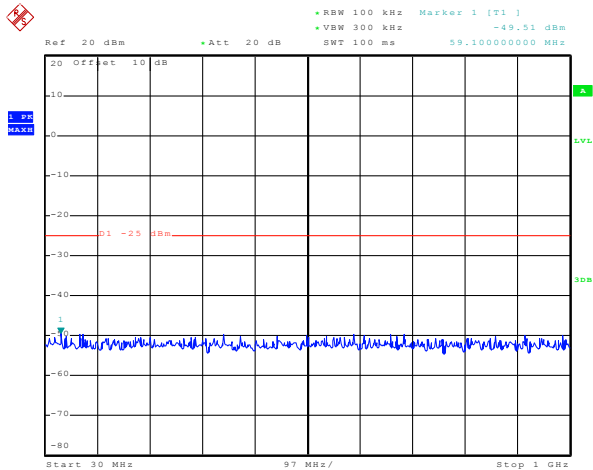
30MHz~1GHz



Date: 21.JUL.2015 21:50:57

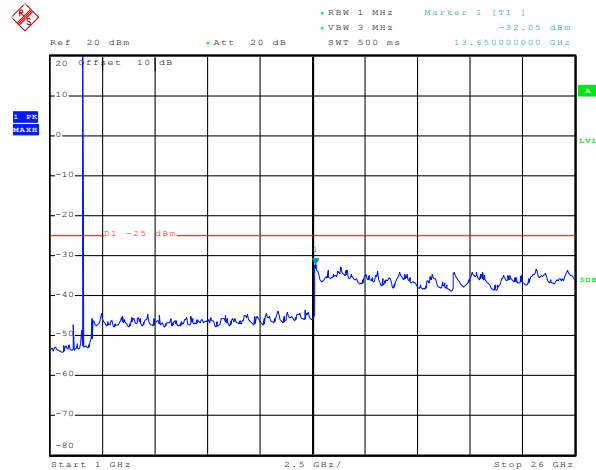
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..JUL..2015 22:16:03

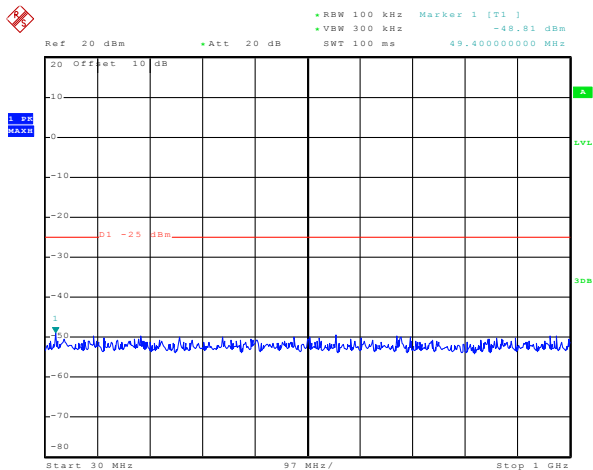
30MHz~1GHz



Date: 21..JUL..2015 21:52:27

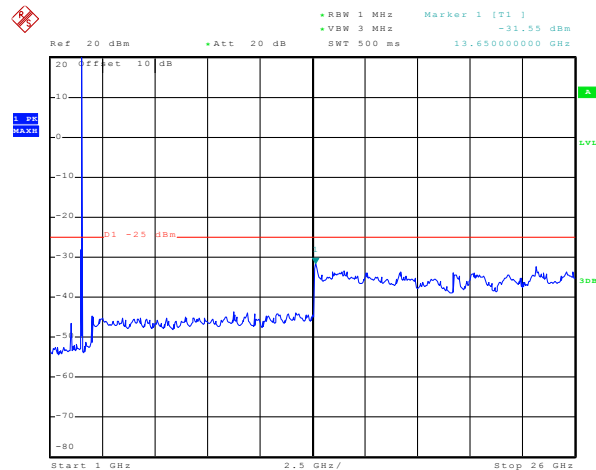
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..JUL..2015 22:15:09

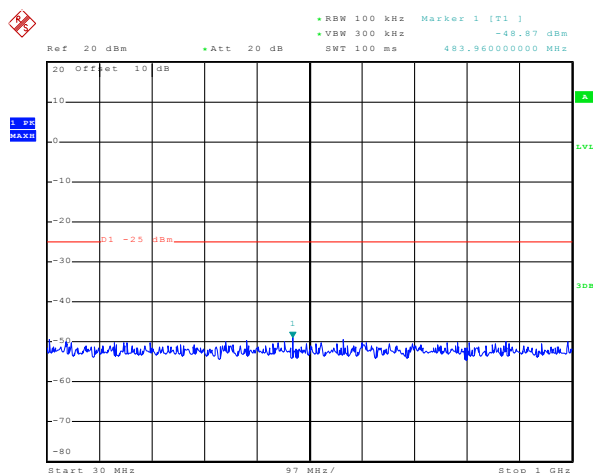
30MHz~1GHz



Date: 21..JUL..2015 21:49:38

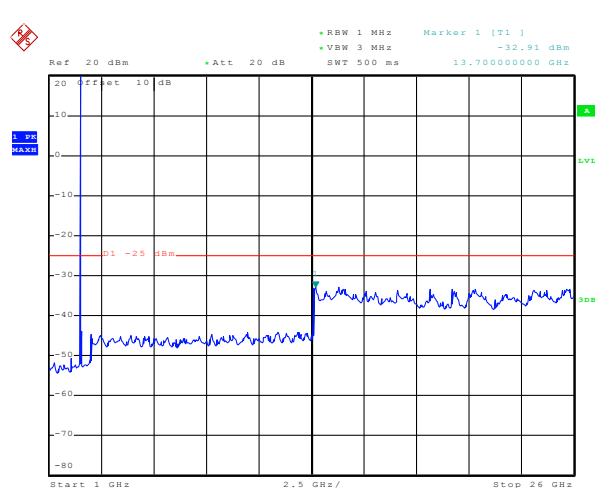
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:15:41

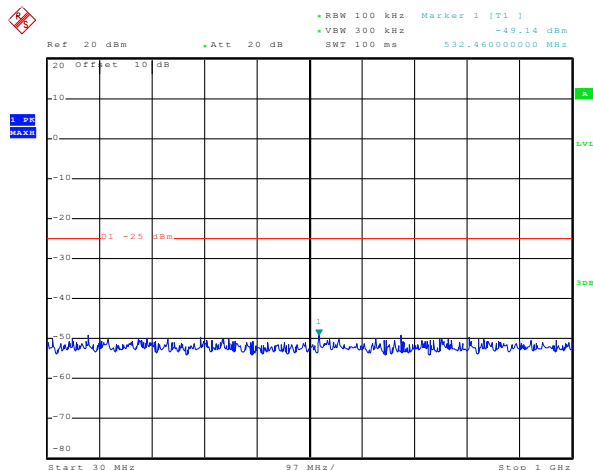
30MHz~1GHz



Date: 21..III..2015 21:51:29

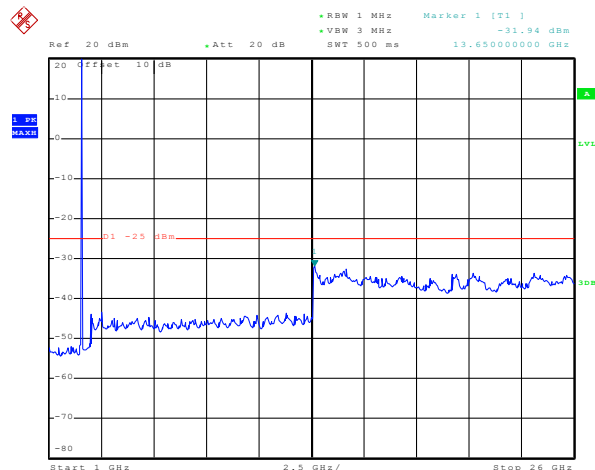
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:16:14

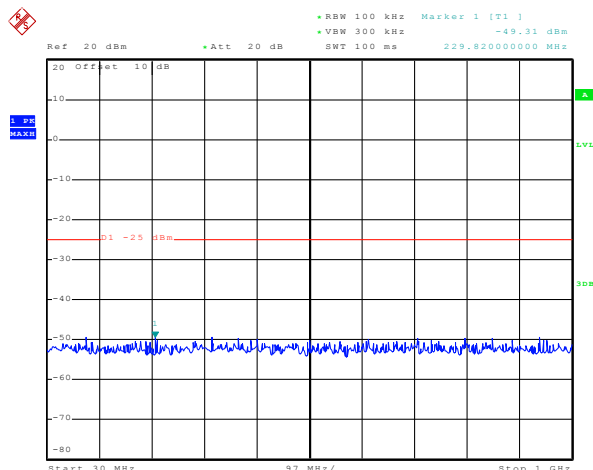
30MHz~1GHz



Date: 21..III..2015 21:52:57

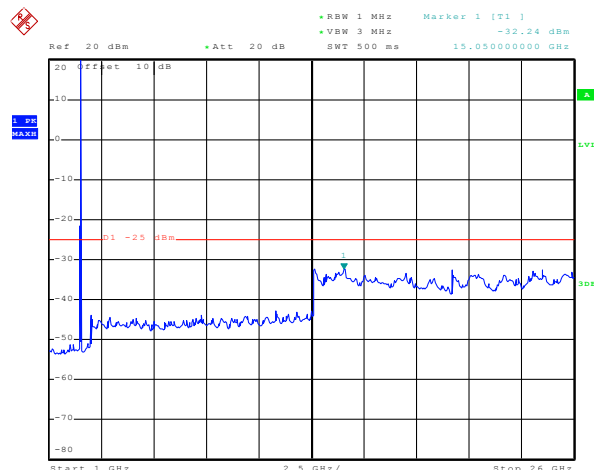
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:15:20

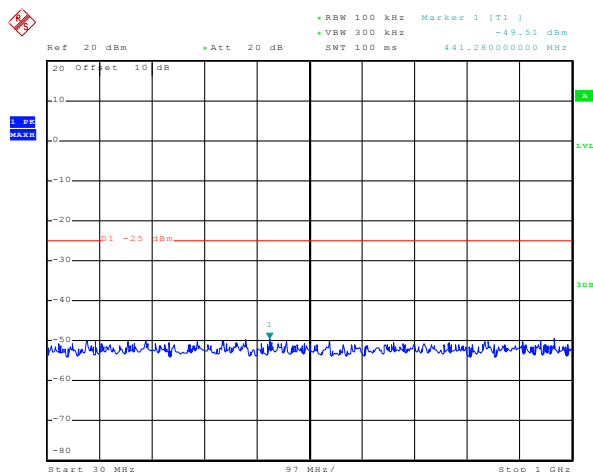
30MHz~1GHz



Date: 21..III..2015 21:50:14

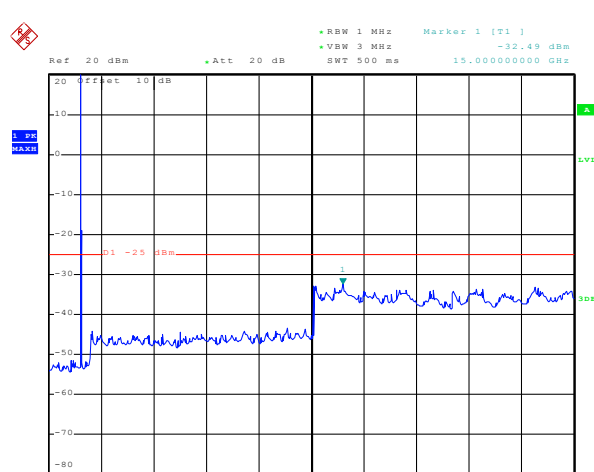
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:15:53

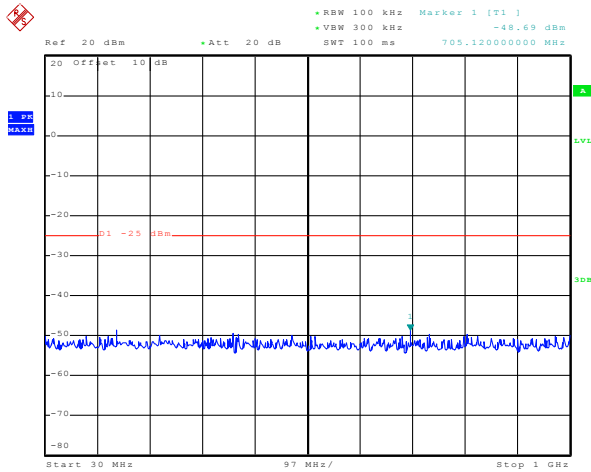
30MHz~1GHz



Date: 21..III..2015 21:51:51

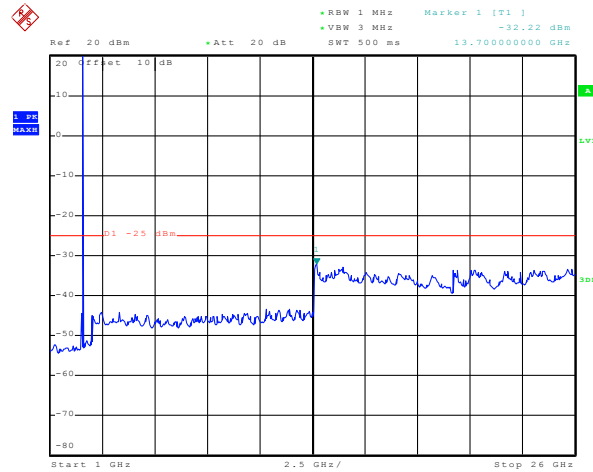
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:16:23

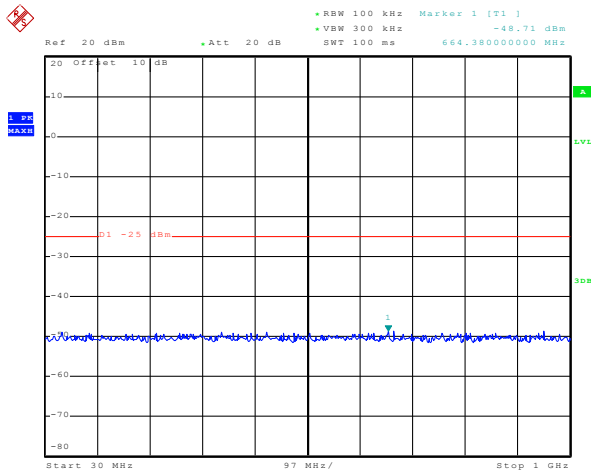
30MHz~1GHz



Date: 21..III..2015 21:53:25

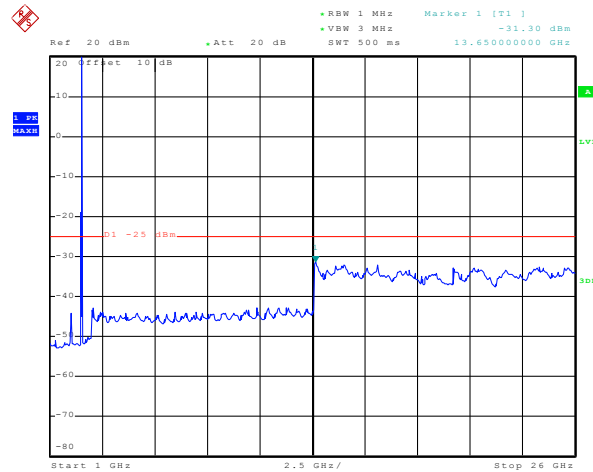
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:14:56

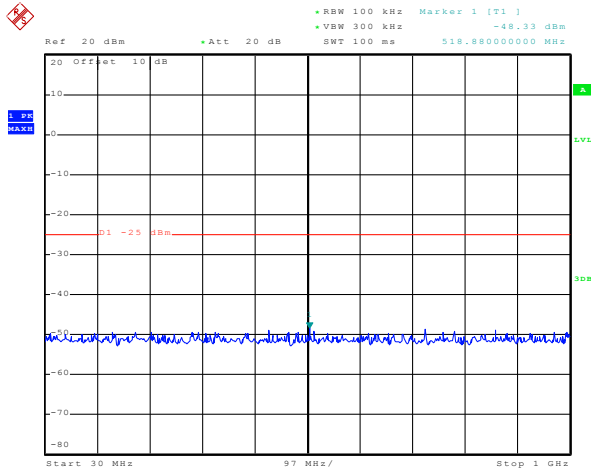
30MHz~1GHz



Date: 21..III..2015 21:48:28

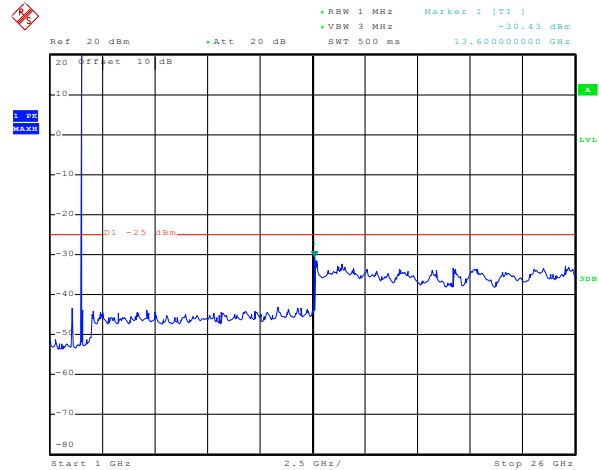
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:15:28

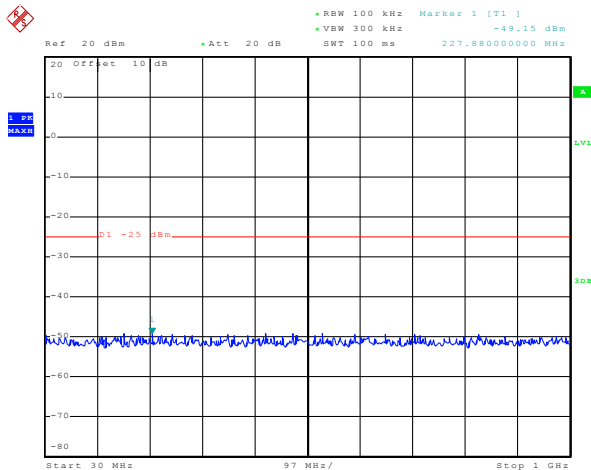
30MHz~1GHz



Date: 21..III..2015 21:50:47

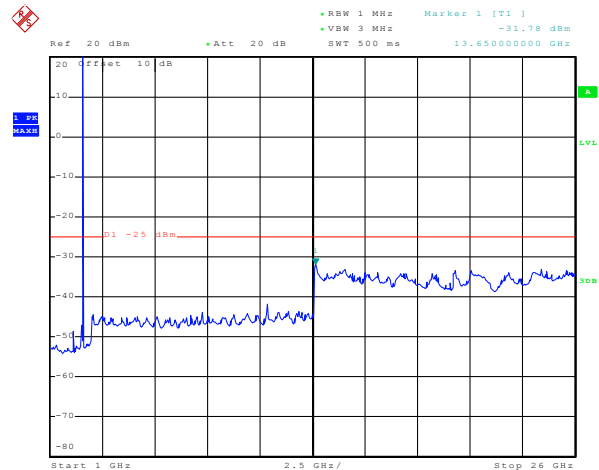
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:16:00

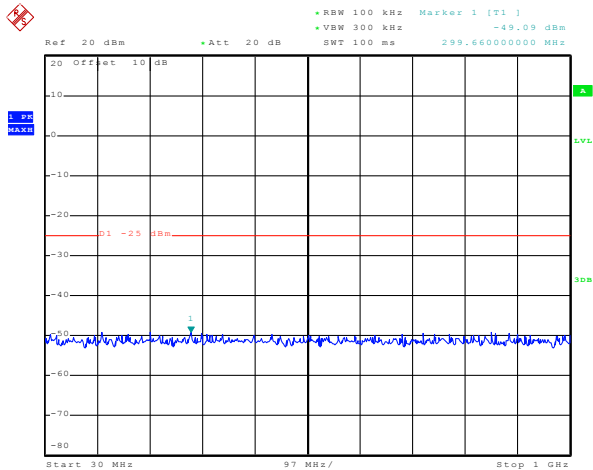
30MHz~1GHz



Date: 21..III..2015 21:52:17

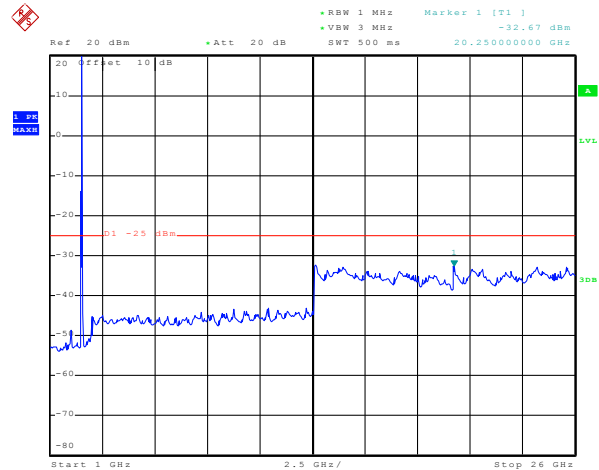
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:15:06

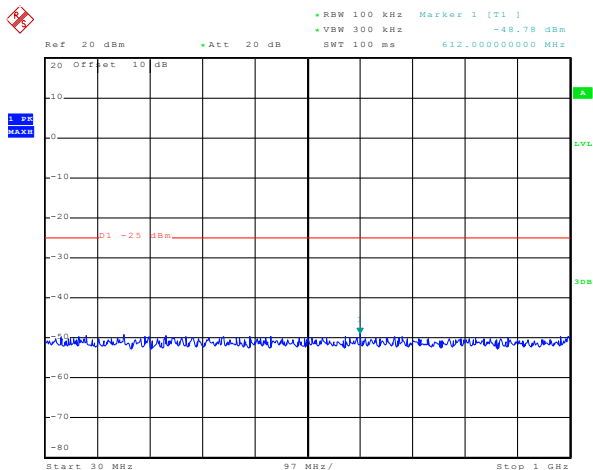
30MHz~1GHz



Date: 21..III..2015 21:49:24

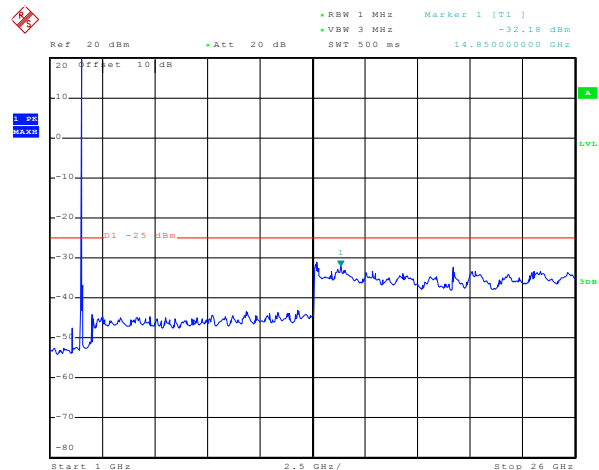
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:15:38

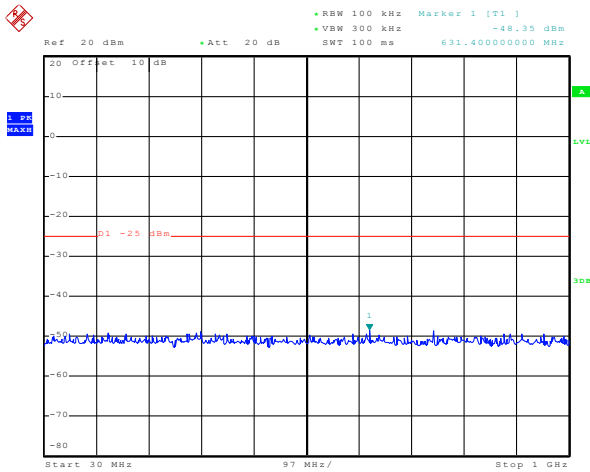
30MHz~1GHz



Date: 21..III..2015 21:51:17

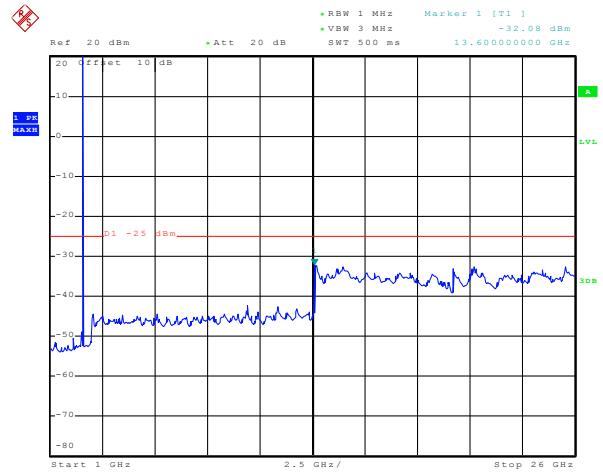
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:16:10

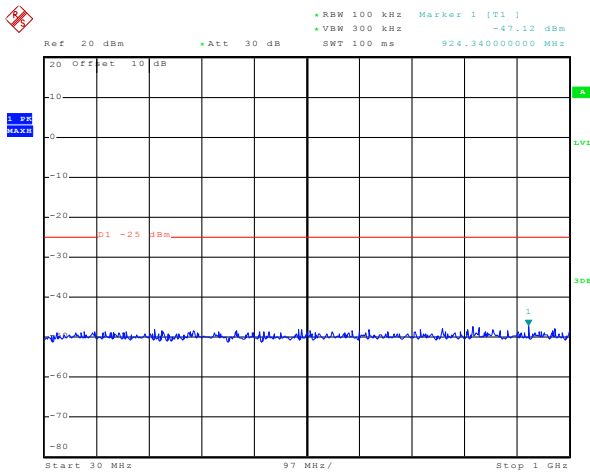
30MHz~1GHz



Date: 21.JUL.2015 21:52:46

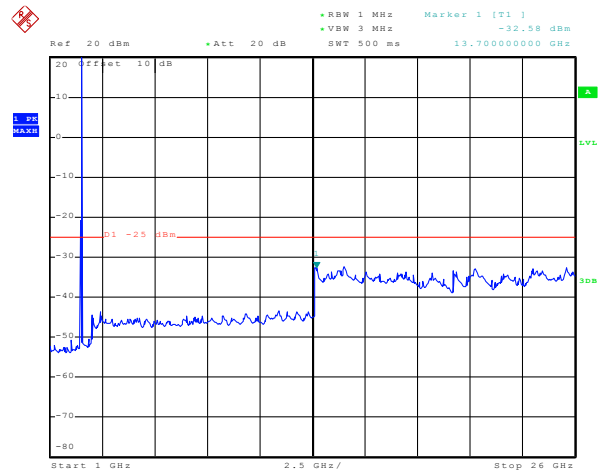
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 17.JUN.2015 08:58:39

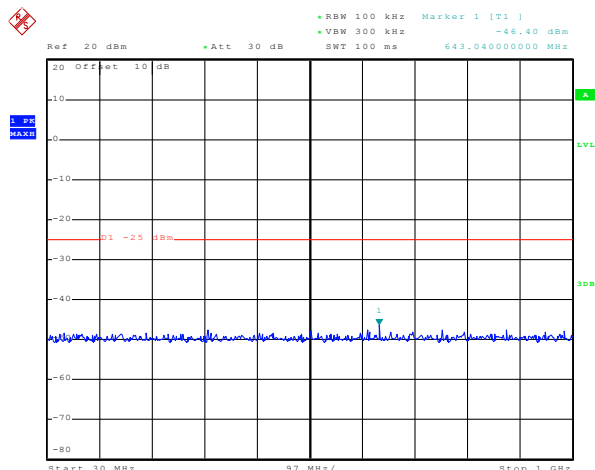
30MHz~1GHz



Date: 21.JUL.2015 21:49:56

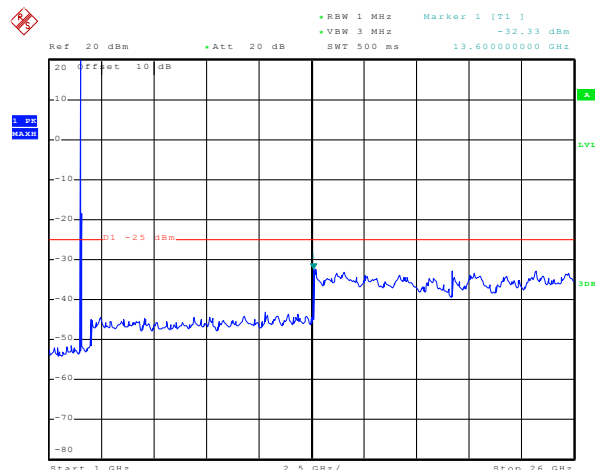
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 17..III..2015 09:15:15

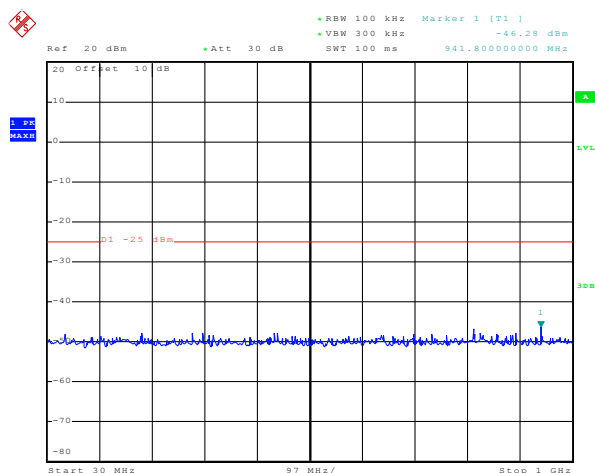
30MHz~1GHz



Date: 21..III..2015 21:51:41

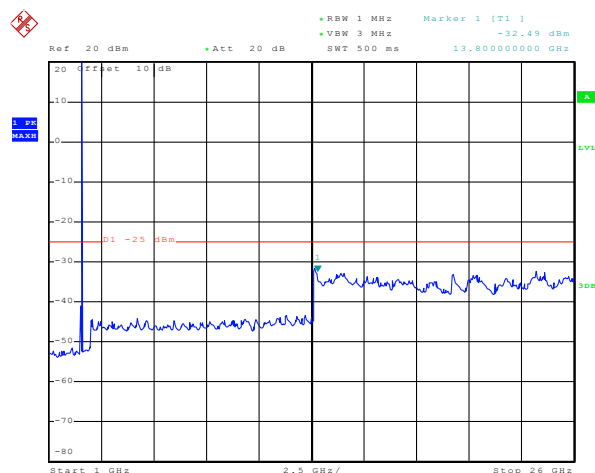
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 17..III..2015 09:19:49

30MHz~1GHz

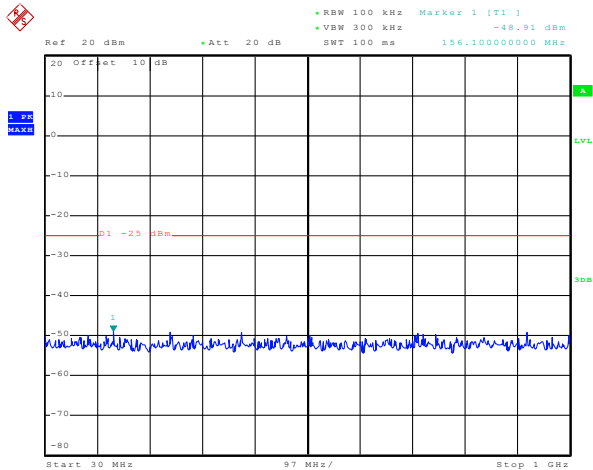


Date: 21..III..2015 21:53:15

1GHz~26GHz

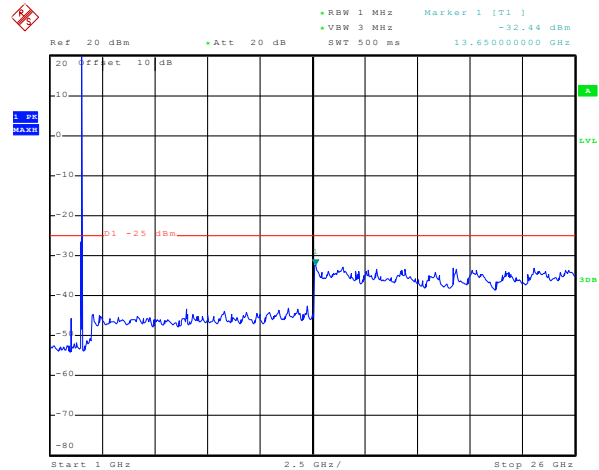
10MHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..JUL..2015 22:16:38

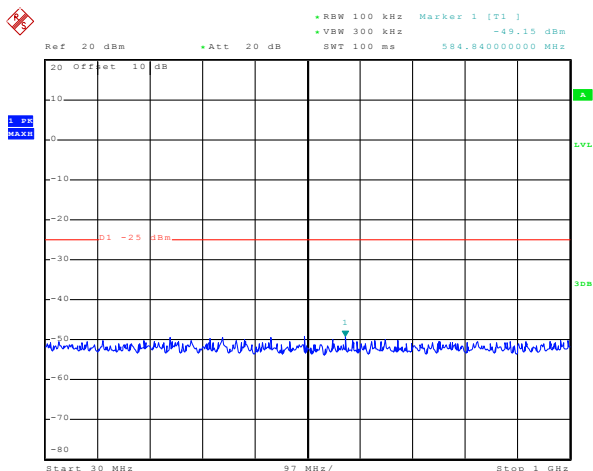
30MHz~1GHz



Date: 21..JUL..2015 21:54:26

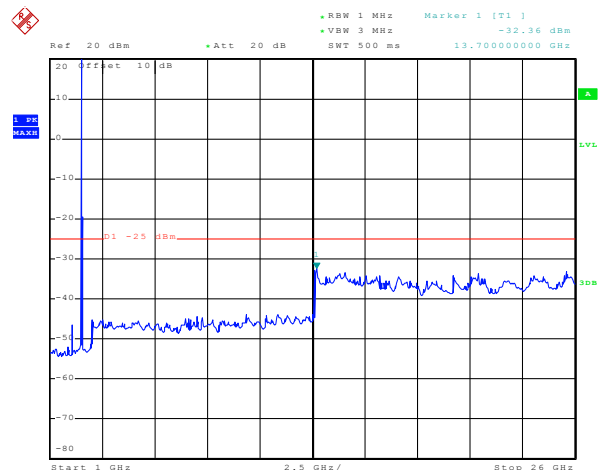
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..JUL..2015 22:17:13

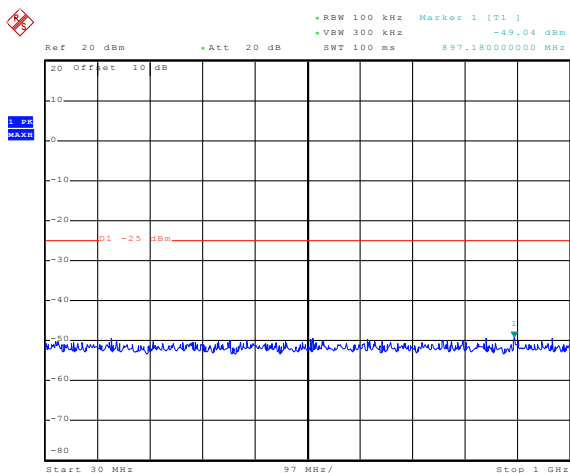
30MHz~1GHz



Date: 21..JUL..2015 21:56:26

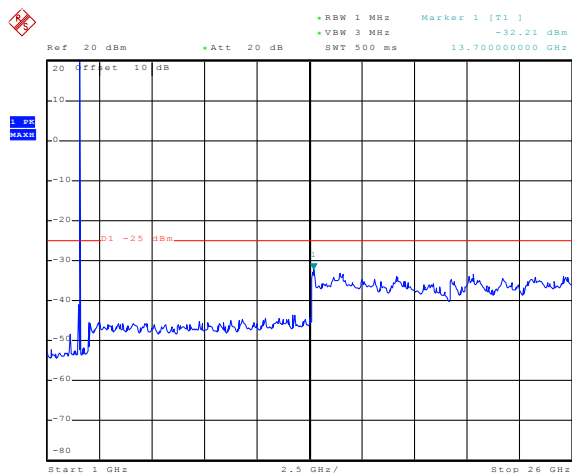
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:17:48

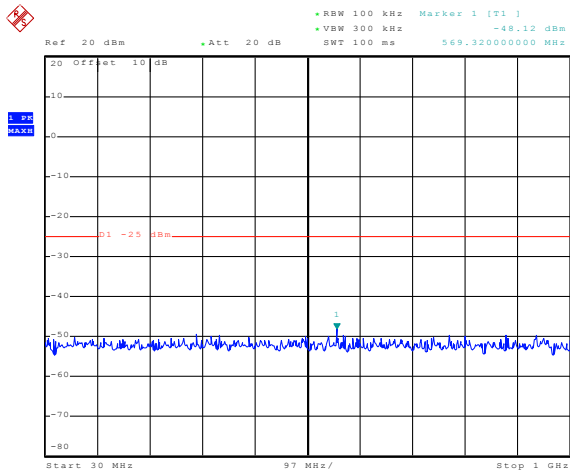
30MHz~1GHz



Date: 21..III..2015 21:58:15

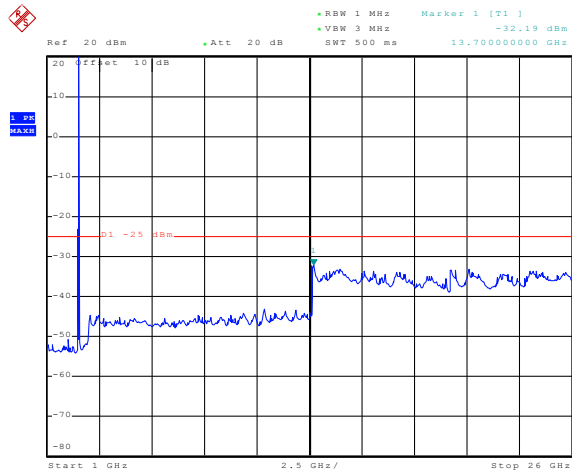
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:16:48

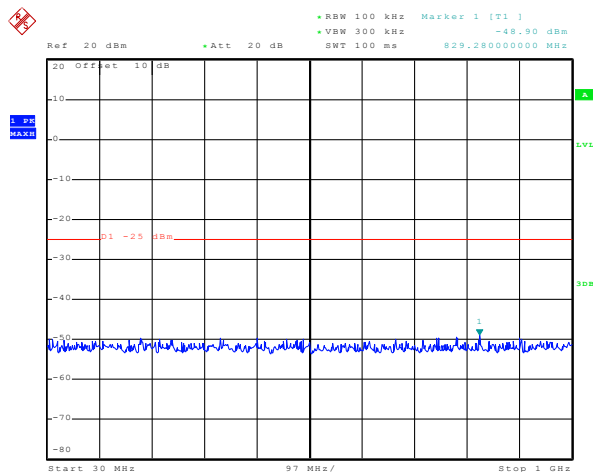
30MHz~1GHz



Date: 21..III..2015 21:55:09

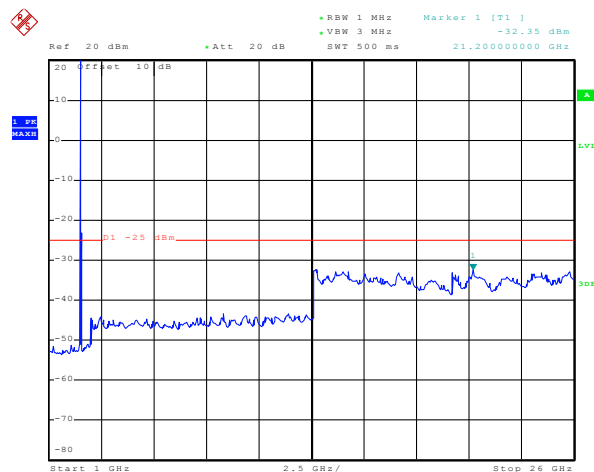
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:17:25

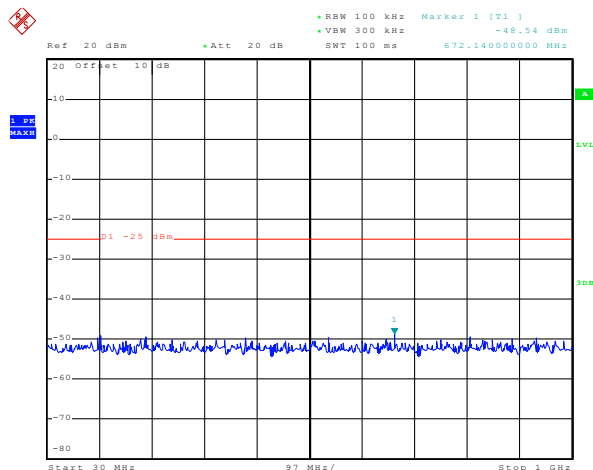
30MHz~1GHz



Date: 21.JUL.2015 21:56:57

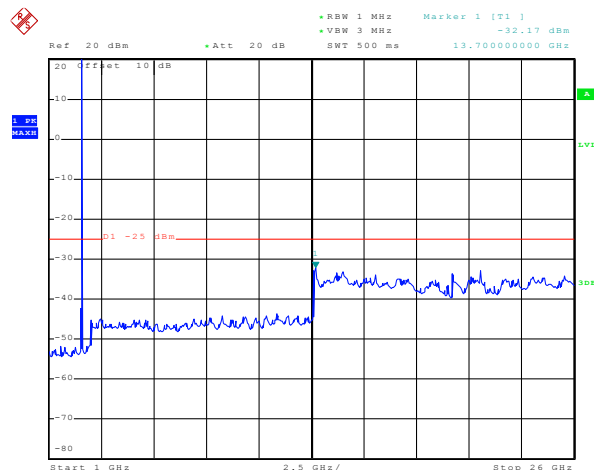
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:18:00

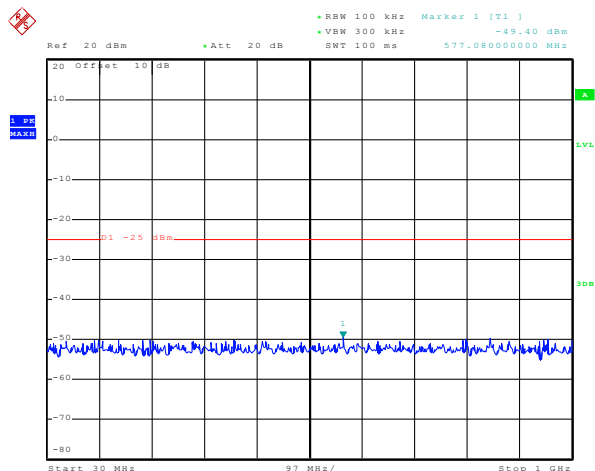
30MHz~1GHz



Date: 21.JUL.2015 21:58:42

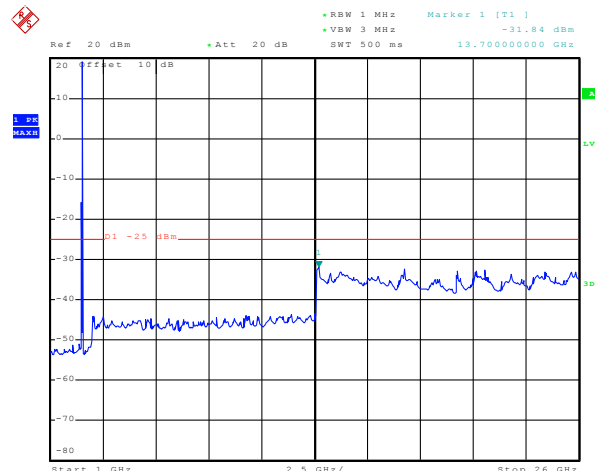
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:17:00

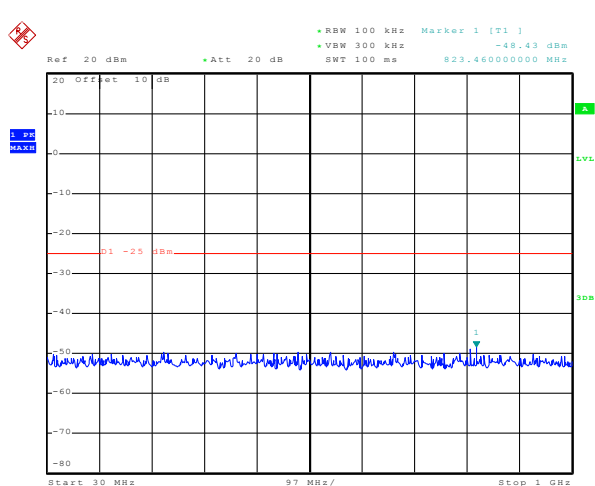
30MHz~1GHz



Date: 21..III..2015 21:55:39

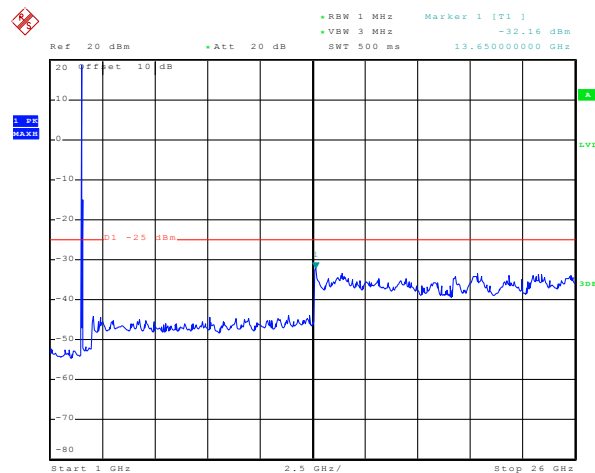
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:17:37

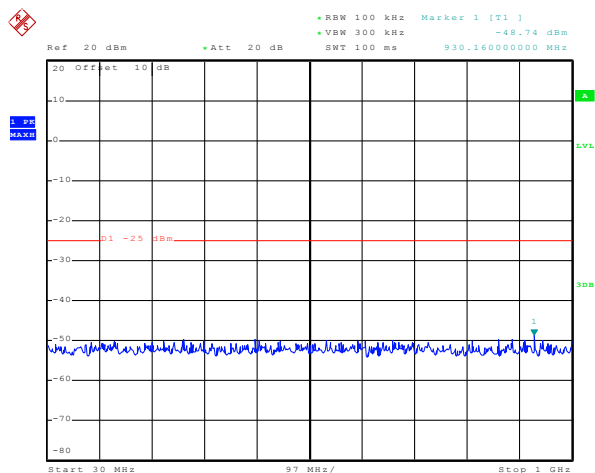
30MHz~1GHz



Date: 21..III..2015 21:57:15

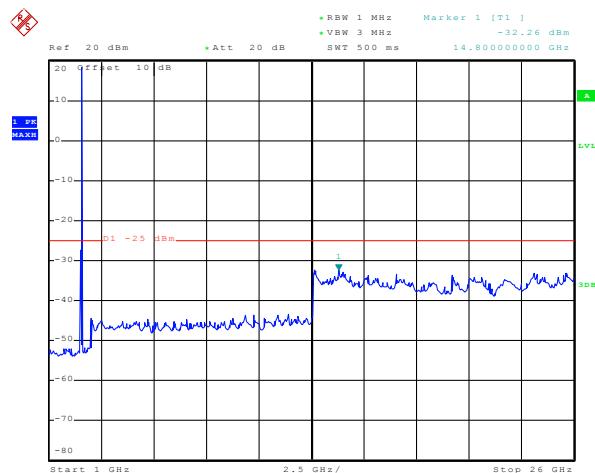
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:18:11

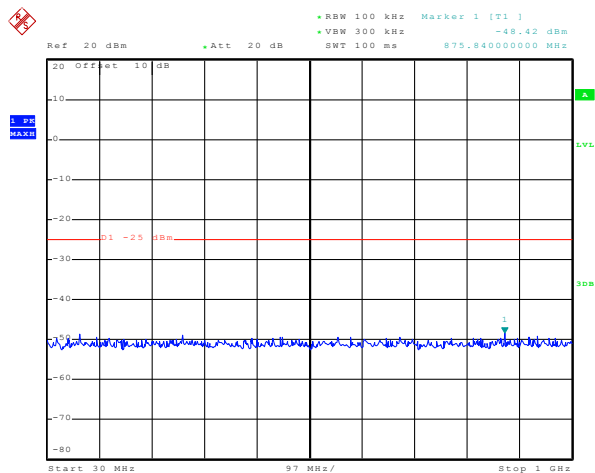
30MHz~1GHz



Date: 21..III..2015 21:59:06

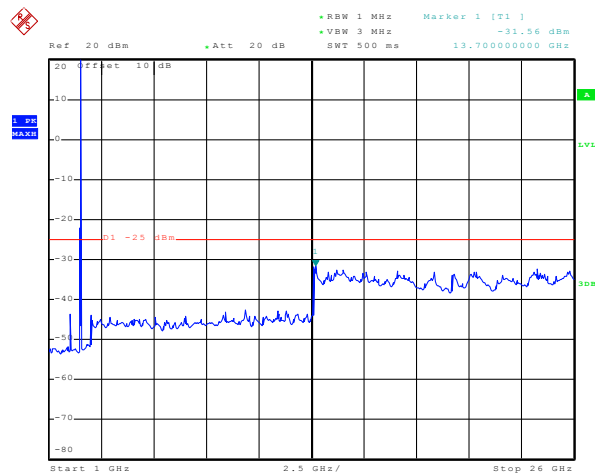
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:16:32

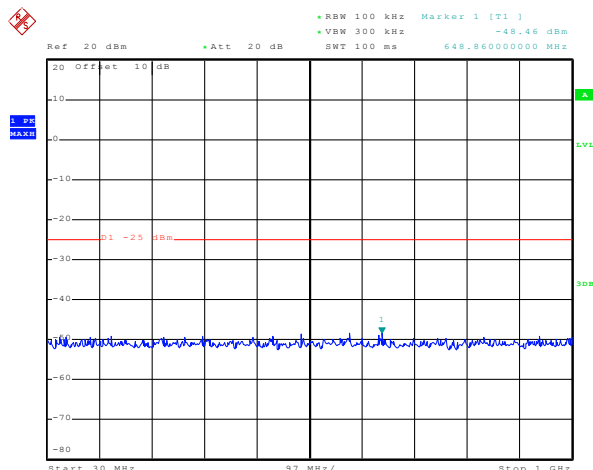
30MHz~1GHz



Date: 21..III..2015 21:54:09

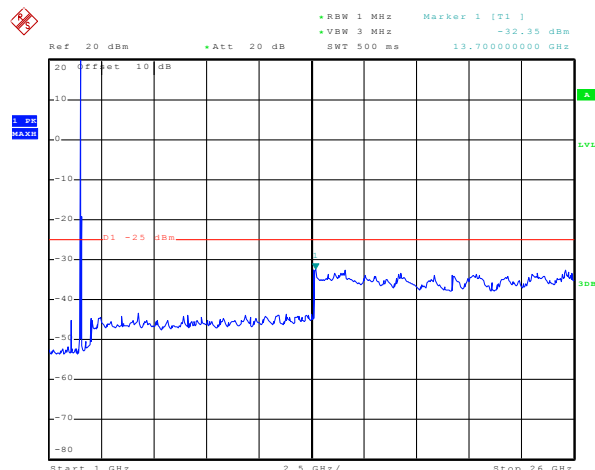
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:17:09

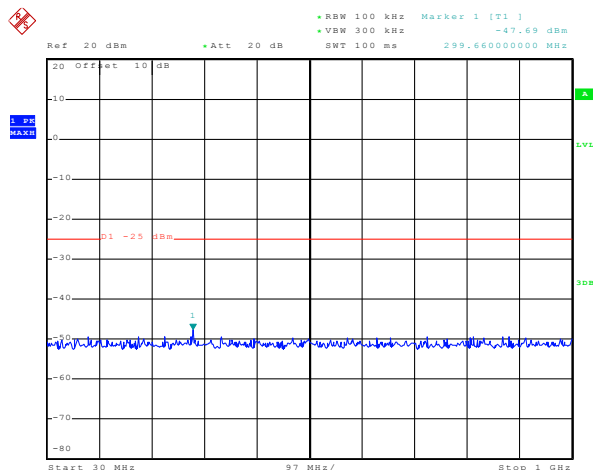
30MHz~1GHz



Date: 21.JUL.2015 21:56:17

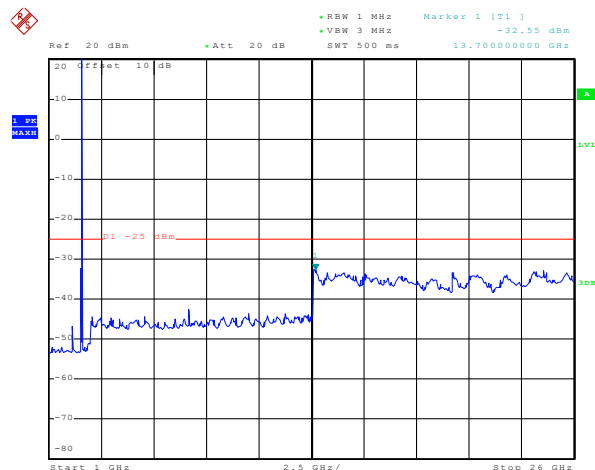
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:17:44

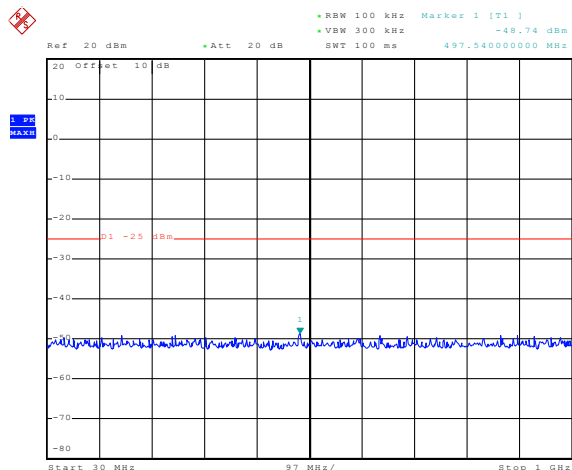
30MHz~1GHz



Date: 21.JUL.2015 21:58:07

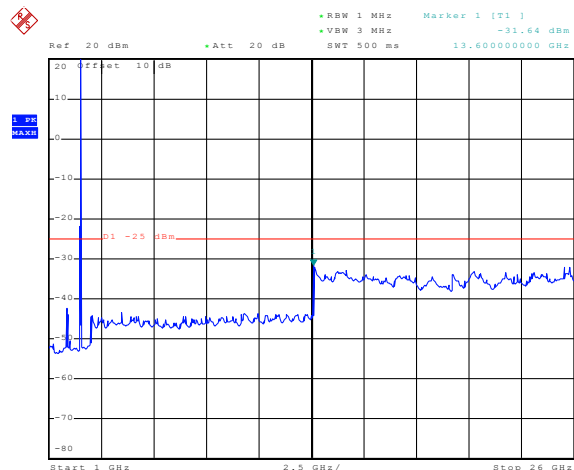
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:16:44

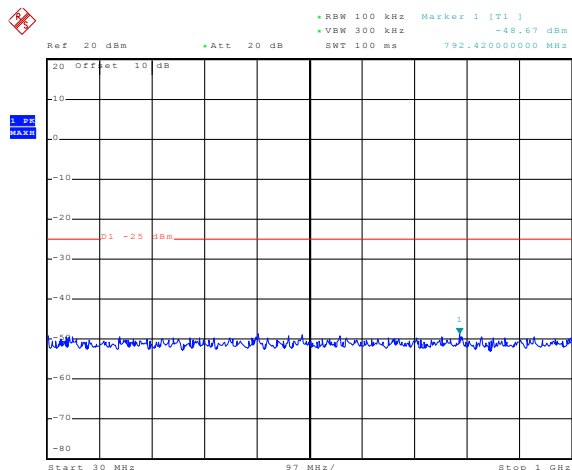
30MHz~1GHz



Date: 21.JUL.2015 21:54:56

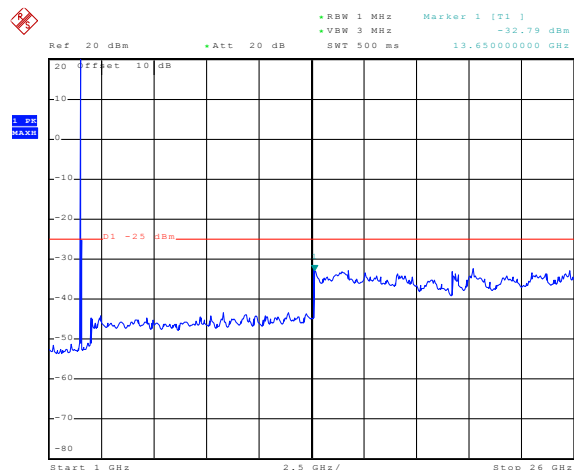
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:17:21

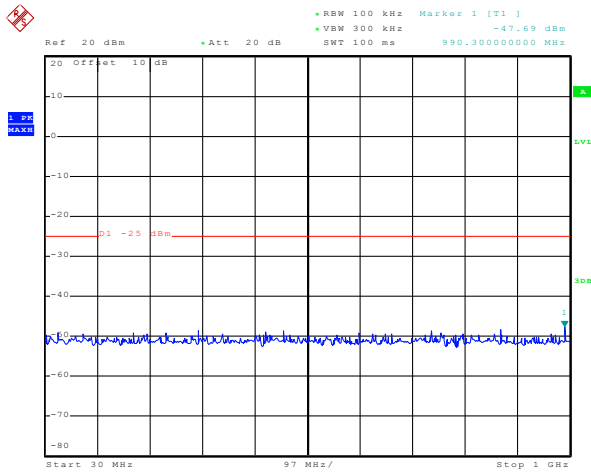
30MHz~1GHz



Date: 21.JUL.2015 21:56:45

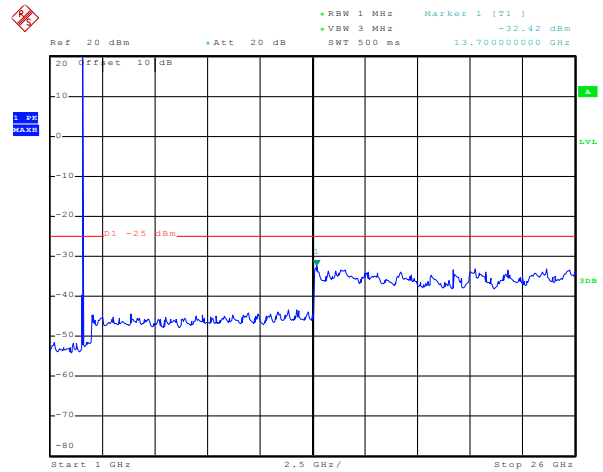
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:17:57

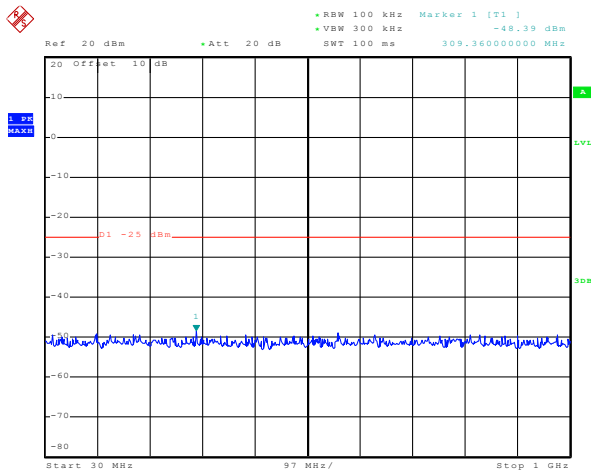
30MHz~1GHz



Date: 21.JUL.2015 21:58:32

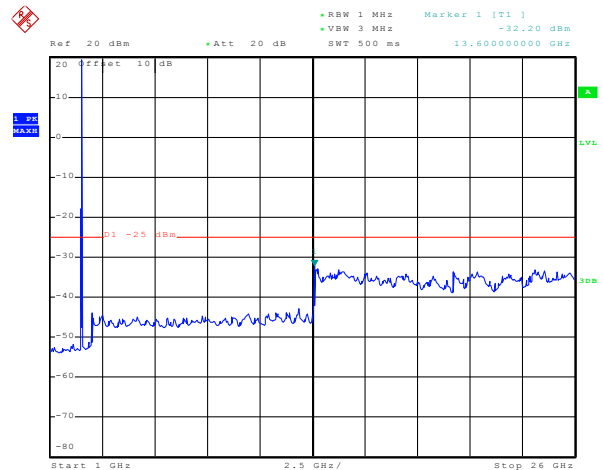
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:16:55

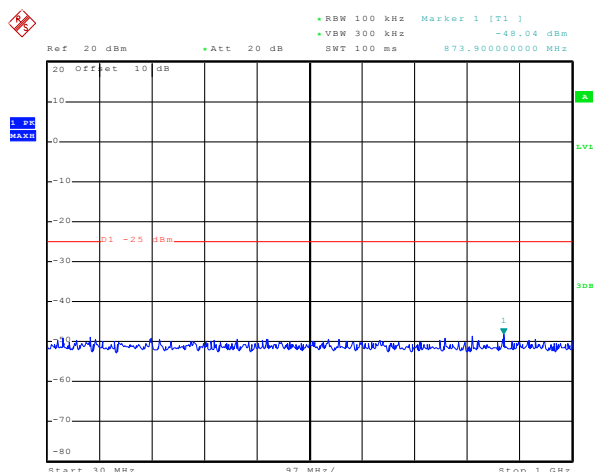
30MHz~1GHz



Date: 21.JUL.2015 21:55:22

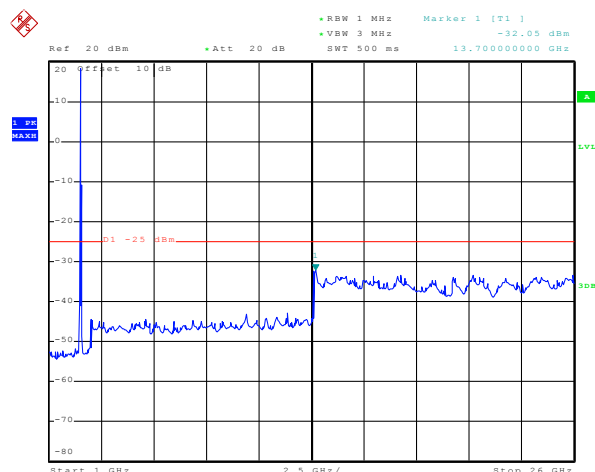
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:17:32

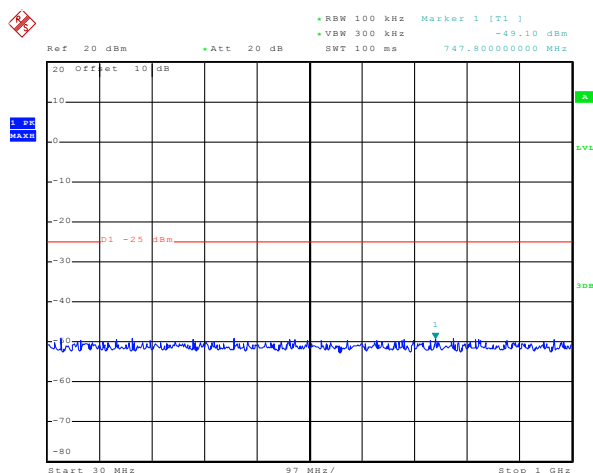
30MHz~1GHz



Date: 21..III..2015 21:57:07

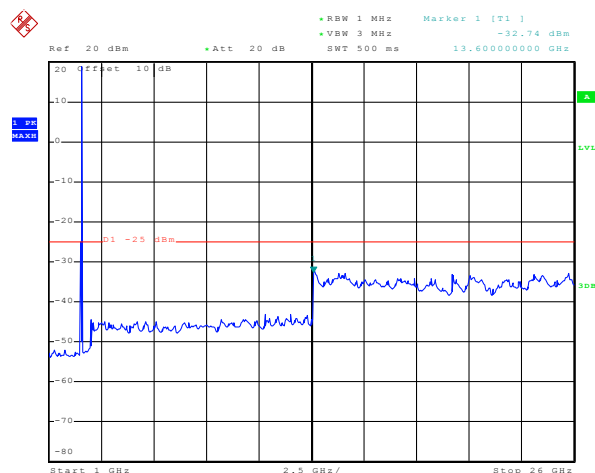
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:18:08

30MHz~1GHz

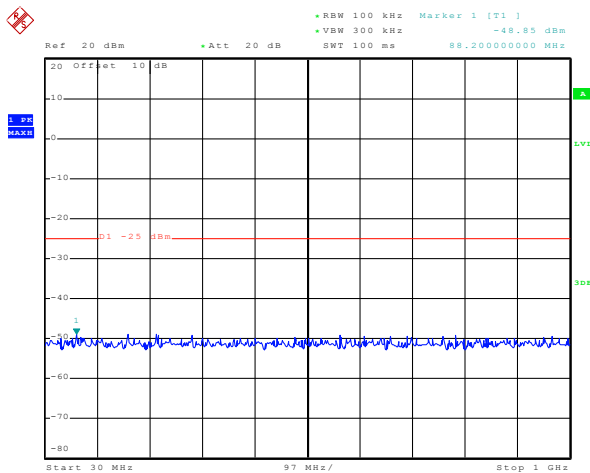


Date: 21..III..2015 21:58:56

1GHz~26GHz

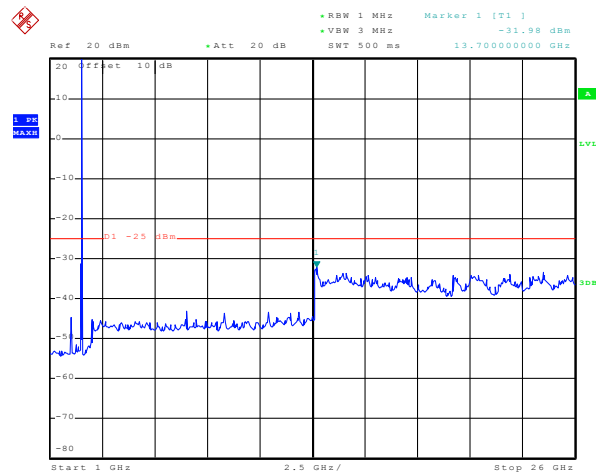
15MHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:18:35

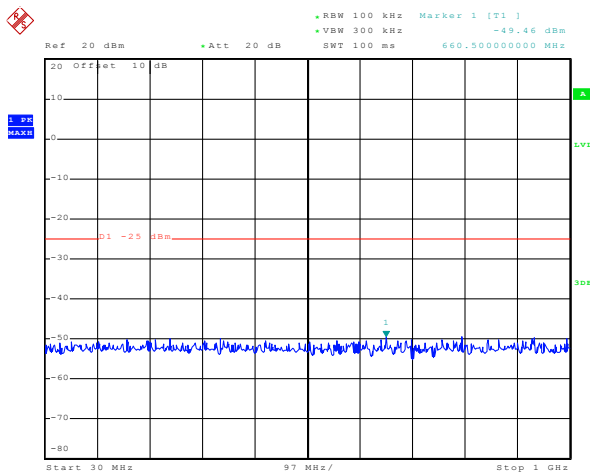
30MHz~1GHz



Date: 21.JUL.2015 22:01:39

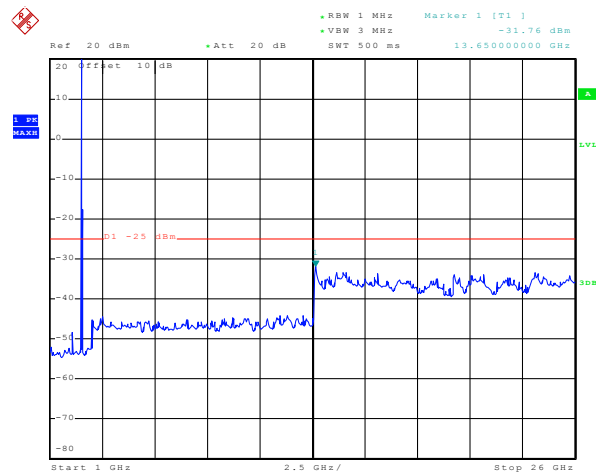
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:19:13

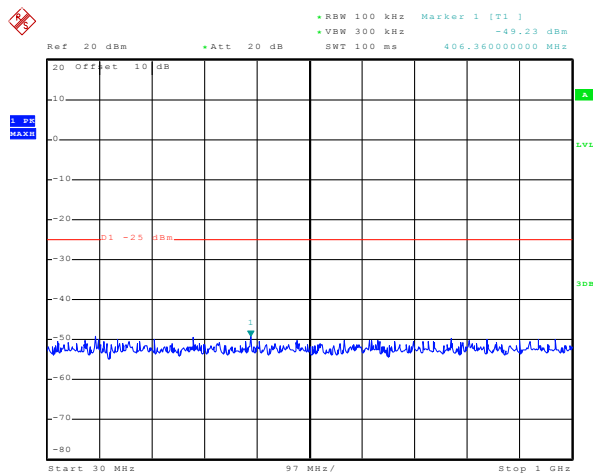
30MHz~1GHz



Date: 21.JUL.2015 22:02:53

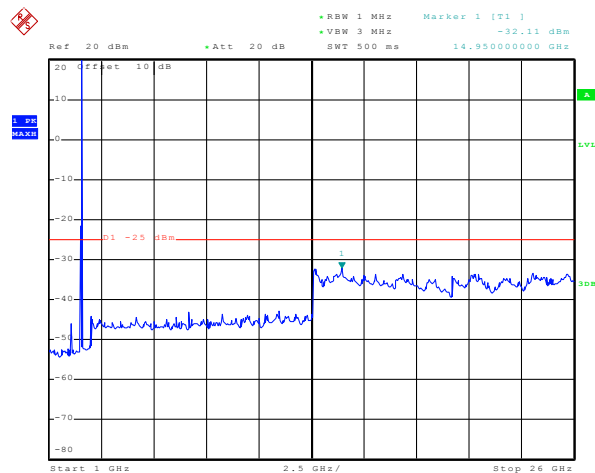
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:19:56

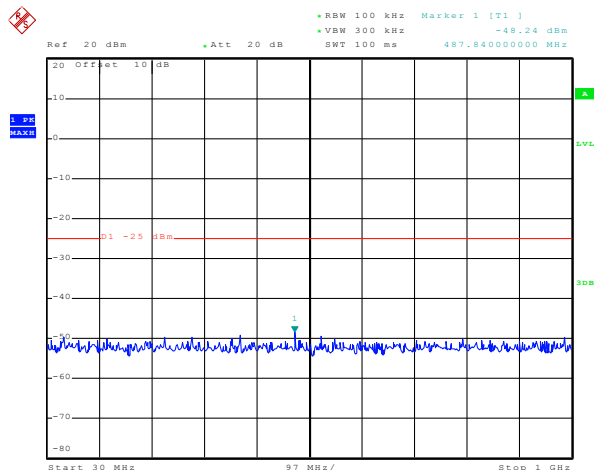
30MHz~1GHz



Date: 21..III..2015 22:04:15

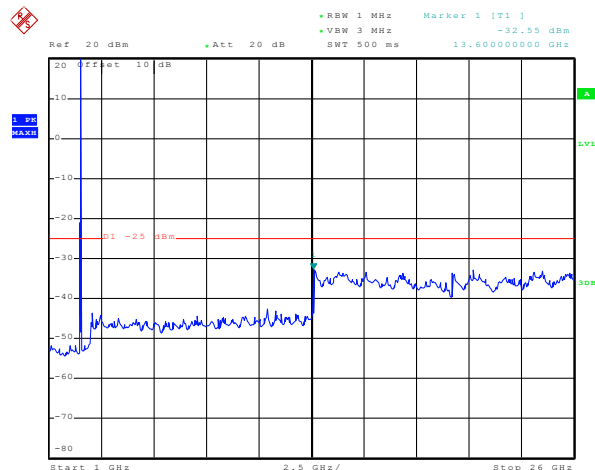
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:18:46

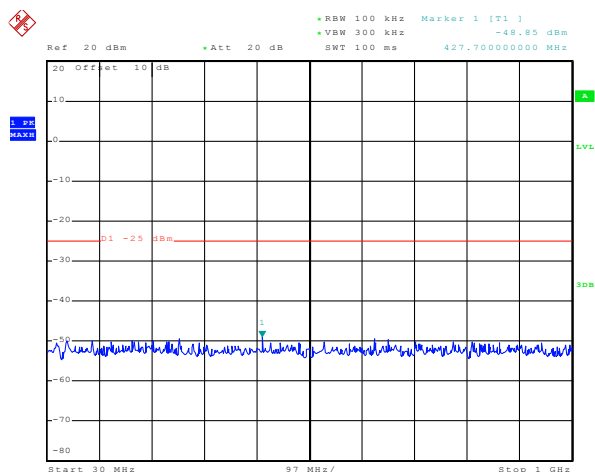
30MHz~1GHz



Date: 21..III..2015 22:02:06

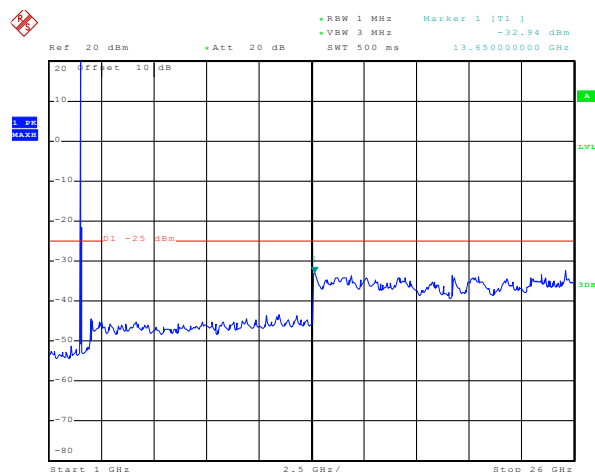
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:19:22

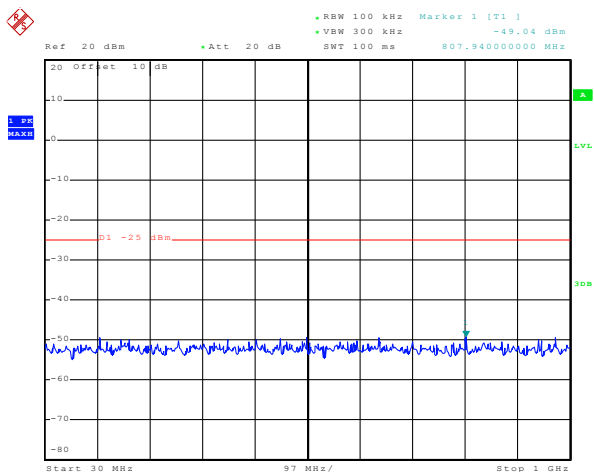
30MHz~1GHz



Date: 21.JUL.2015 22:03:17

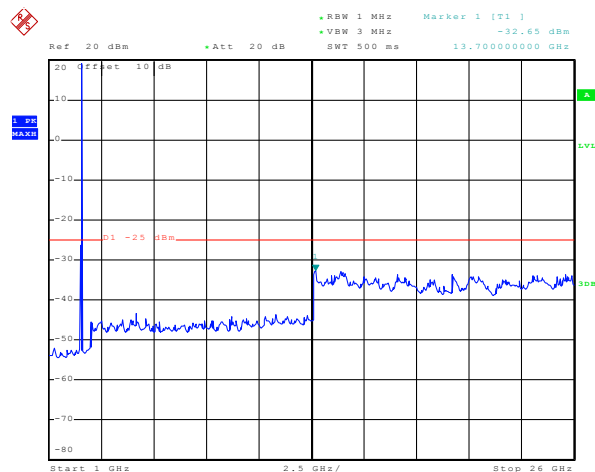
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:20:06

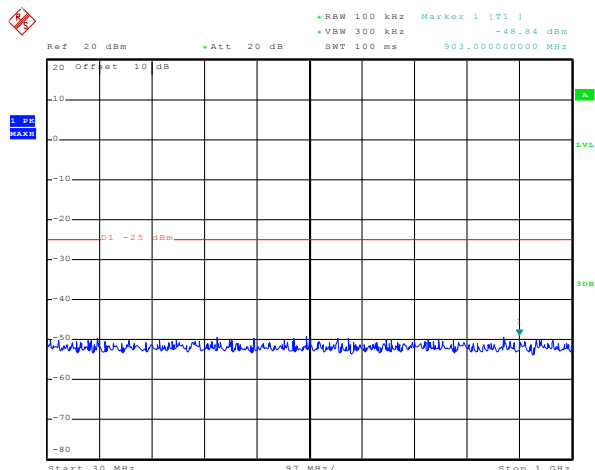
30MHz~1GHz



Date: 21.JUL.2015 22:04:39

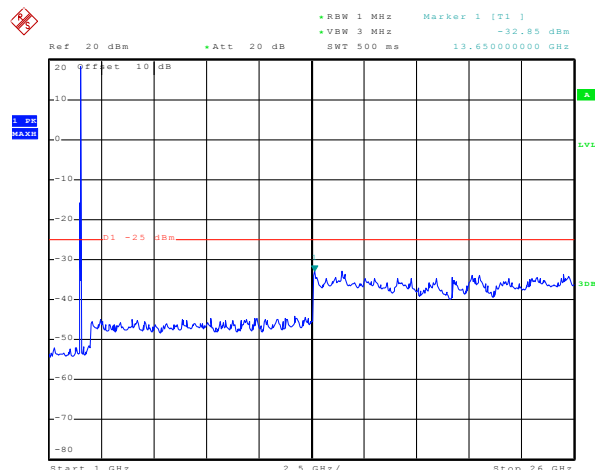
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..JUL..2015 22:18:57

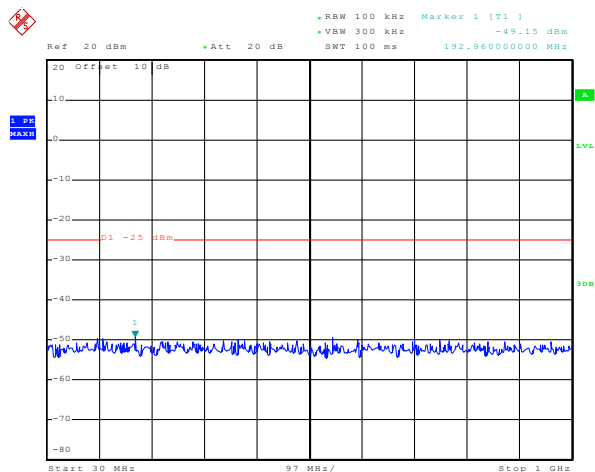
30MHz~1GHz



Date: 21..JUL..2015 22:02:24

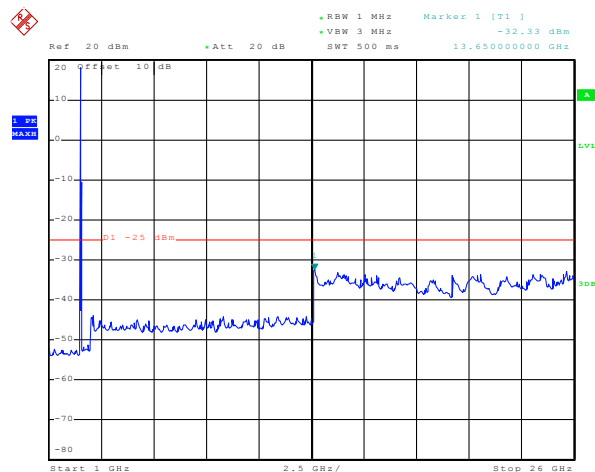
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..JUL..2015 22:19:32

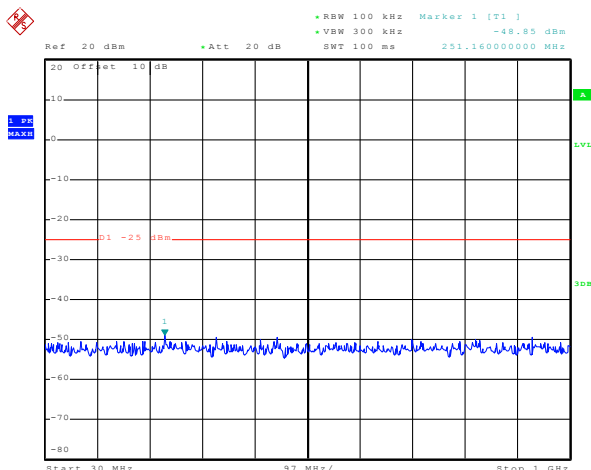
30MHz~1GHz



Date: 21..JUL..2015 22:03:40

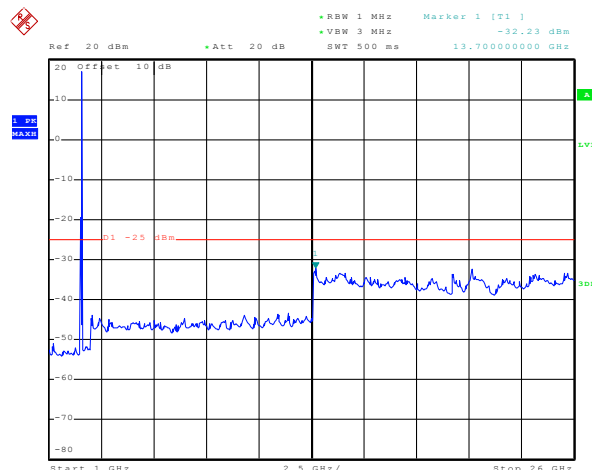
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:20:15

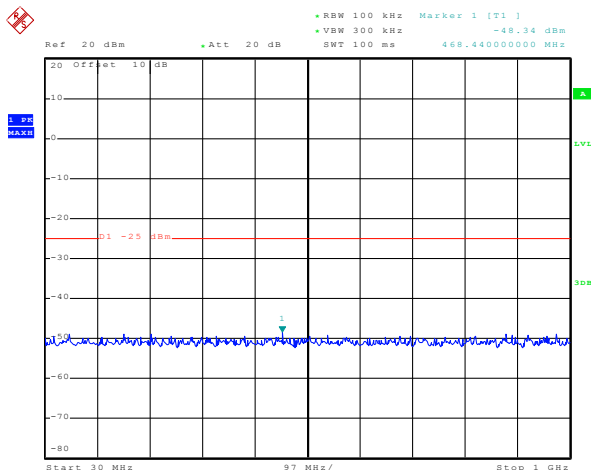
30MHz~1GHz



Date: 21..III..2015 22:05:03

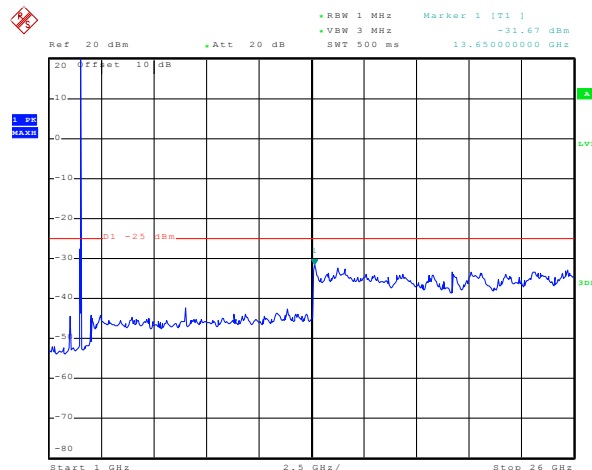
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:18:28

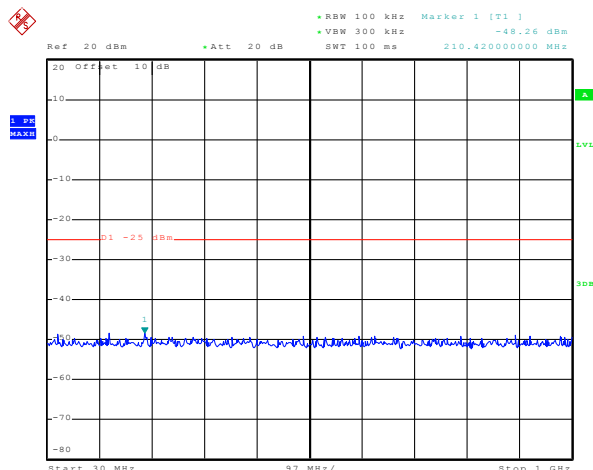
30MHz~1GHz



Date: 21..III..2015 22:01:31

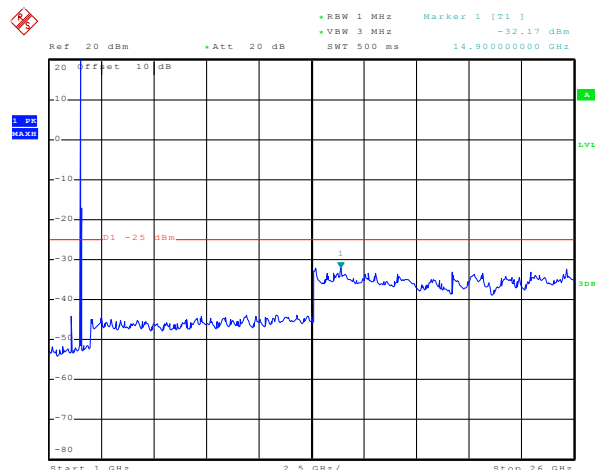
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:19:09

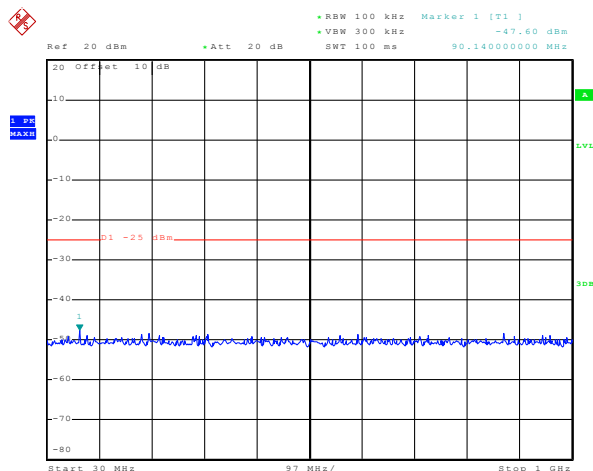
30MHz~1GHz



Date: 21..III..2015 22:02:44

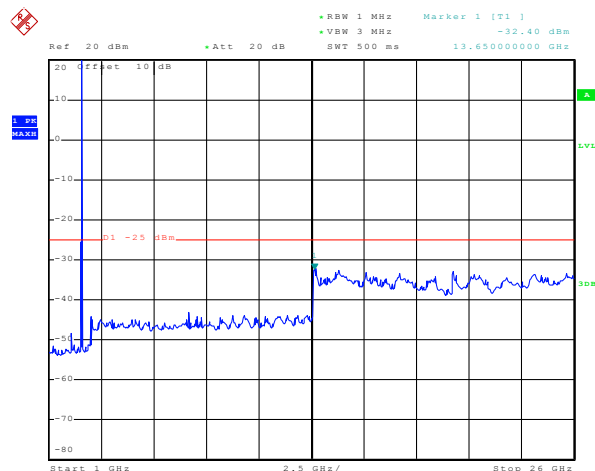
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:19:53

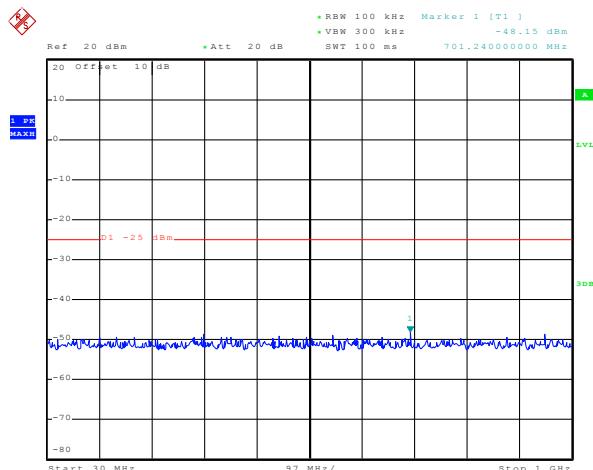
30MHz~1GHz



Date: 21..III..2015 22:04:00

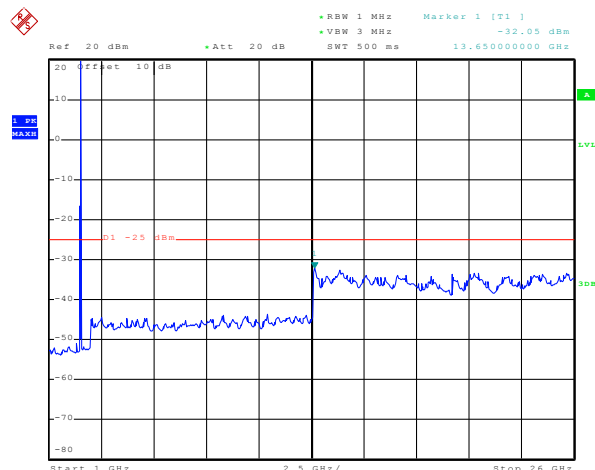
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21 .JUL. 2015 22:18:43

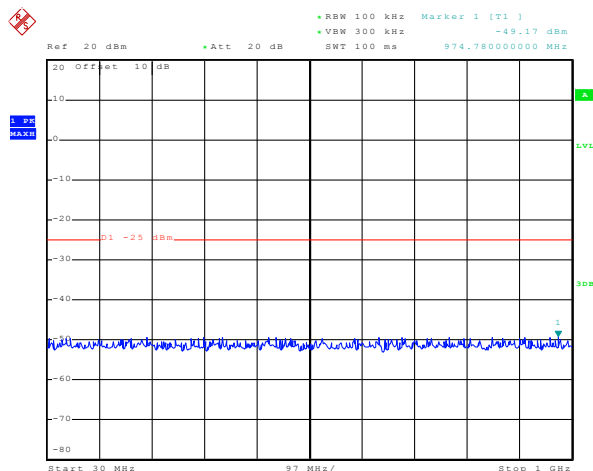
30MHz~1GHz



Date: 21..III..2015 22:01:54

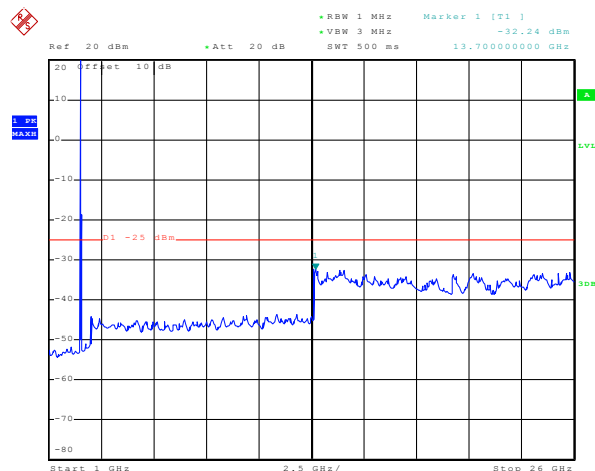
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Middle channel
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Date: 21 .III. 2015 22:19:19

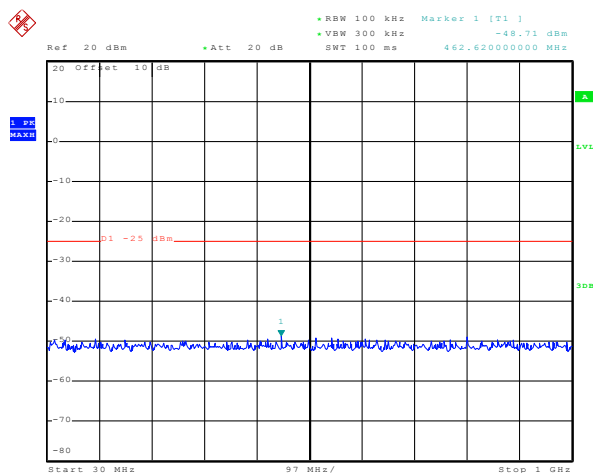
30MHz~1GHz



Date: 21 .III. 2015 22:03:06

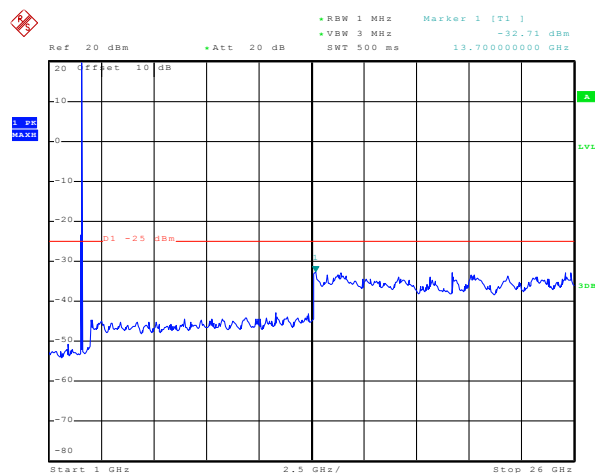
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:20:03

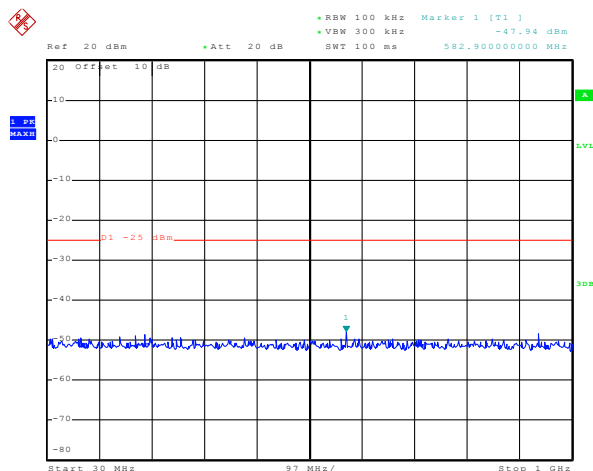
30MHz~1GHz



Date: 21.JUL.2015 22:04:30

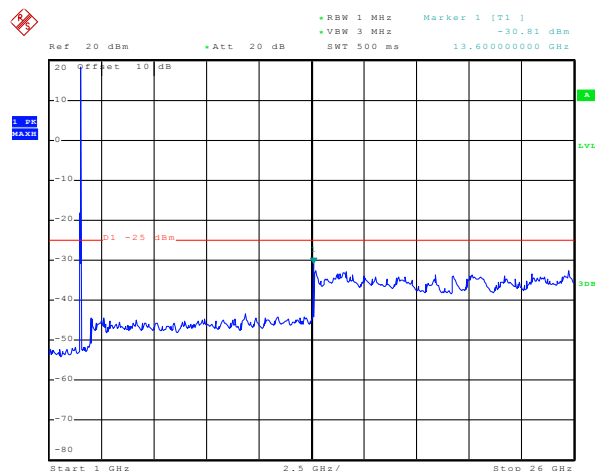
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:18:53

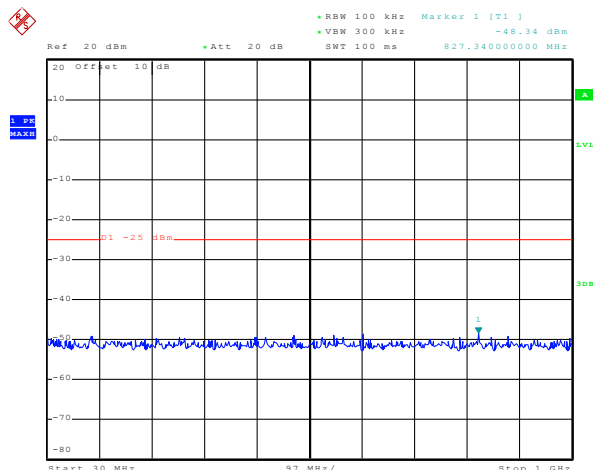
30MHz~1GHz



Date: 21.JUL.2015 22:02:17

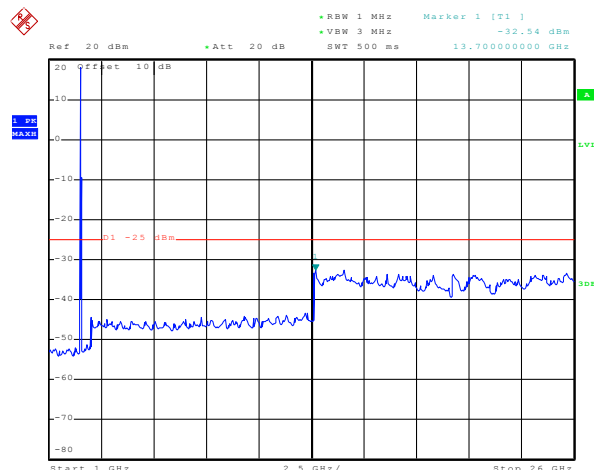
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:19:29

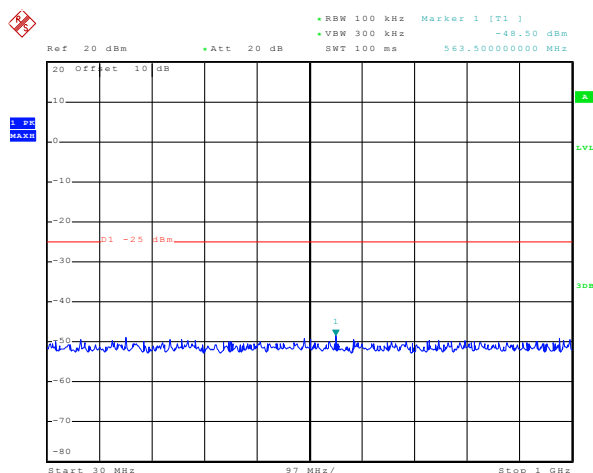
30MHz~1GHz



Date: 21..III..2015 22:03:28

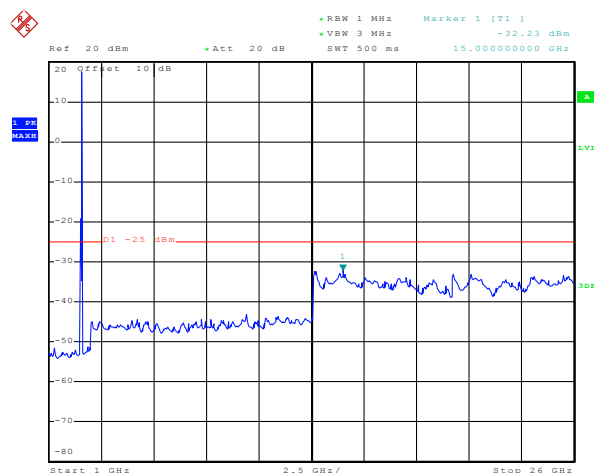
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:20:12

30MHz~1GHz

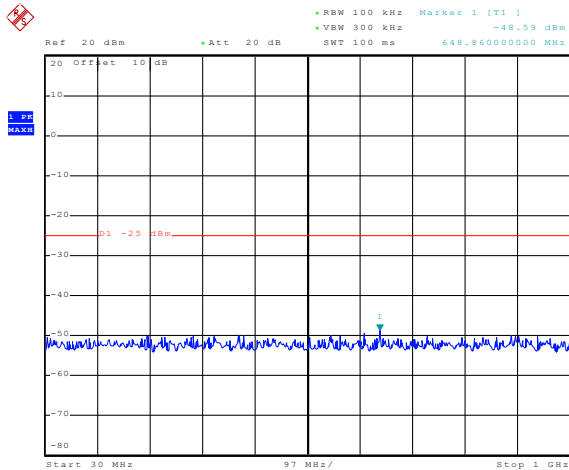


Date: 21..III..2015 22:04:53

1GHz~26GHz

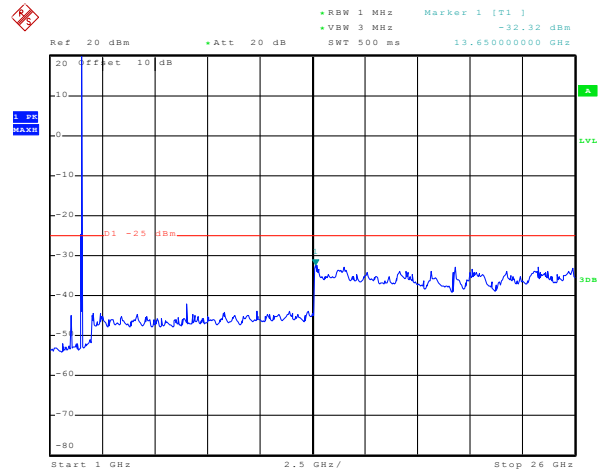
20MHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:20:30

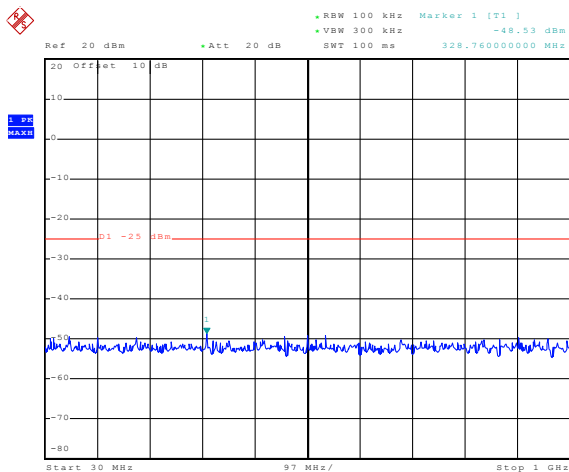
30MHz~1GHz



Date: 21.JUL.2015 22:06:01

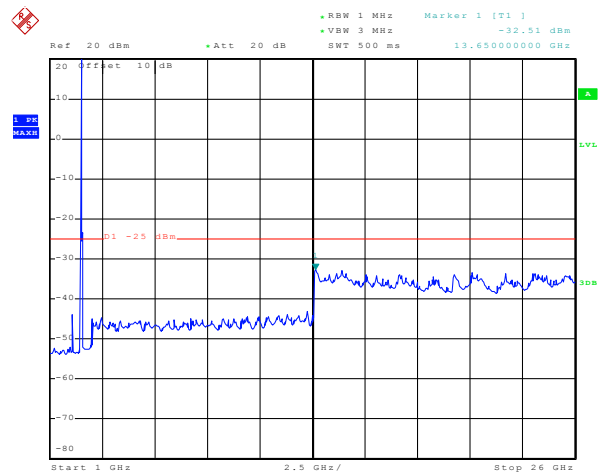
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:21:04

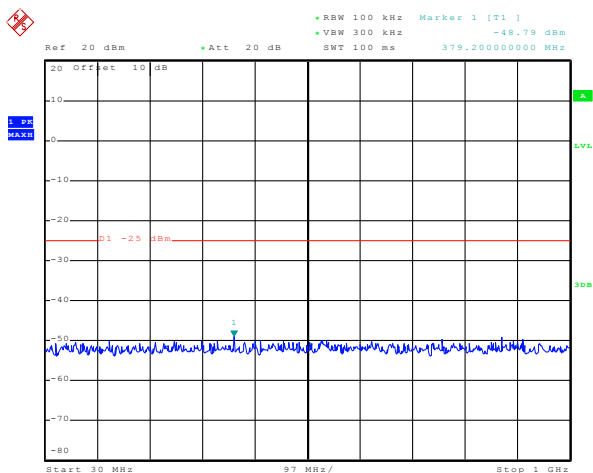
30MHz~1GHz



Date: 21.JUL.2015 22:07:40

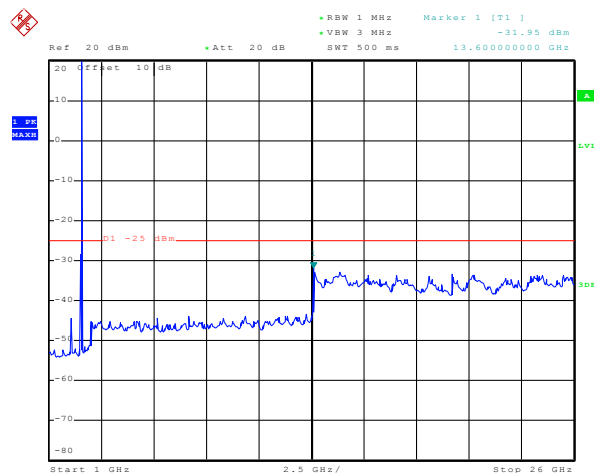
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:21:37

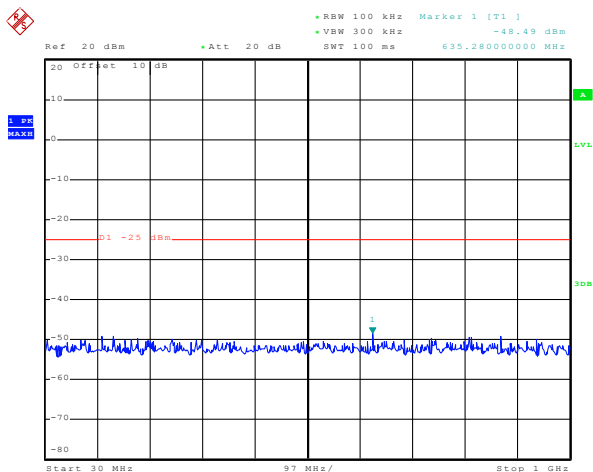
30MHz~1GHz



Date: 21..III..2015 22:09:10

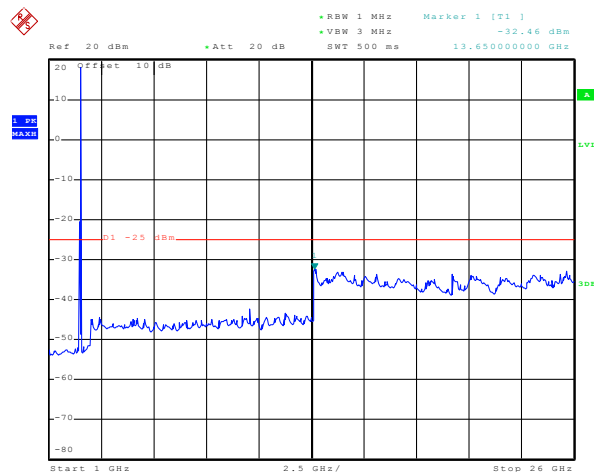
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:20:42

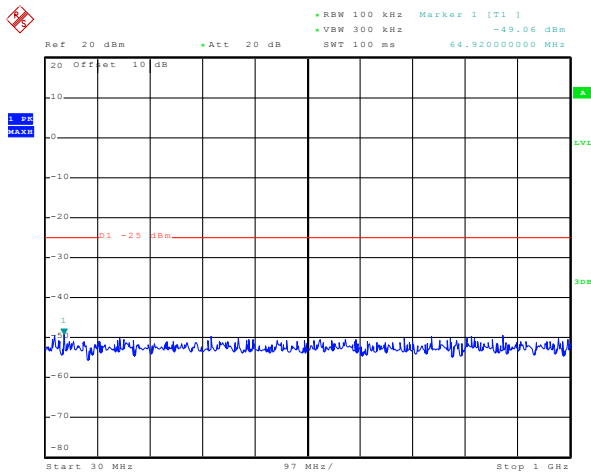
30MHz~1GHz



Date: 21..III..2015 22:06:33

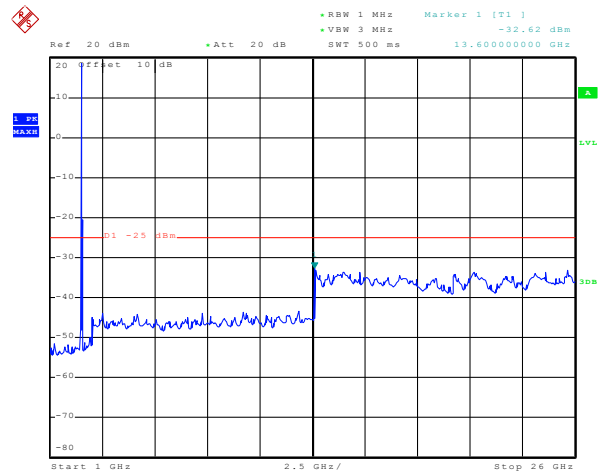
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:21:13

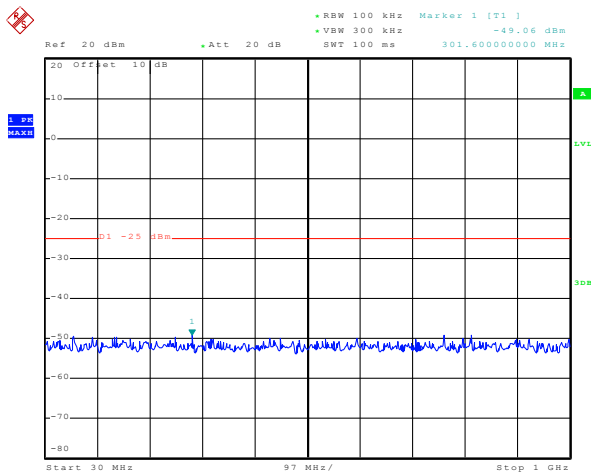
30MHz~1GHz



Date: 21..III..2015 22:08:07

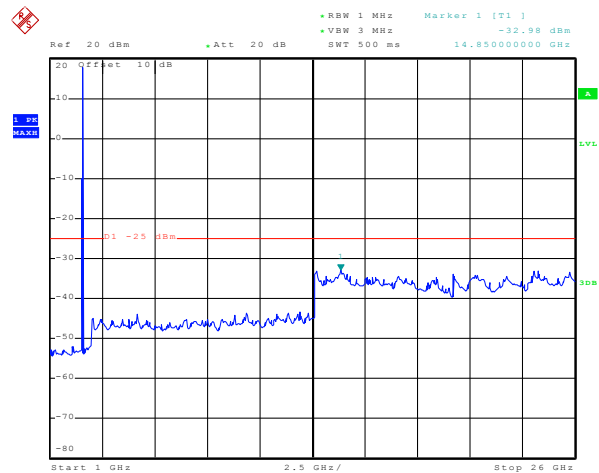
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:21:48

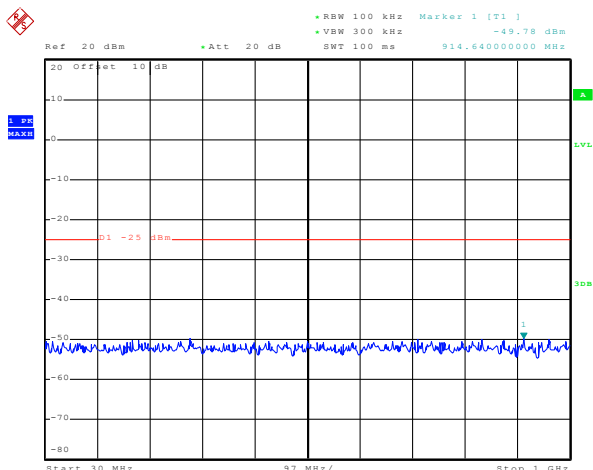
30MHz~1GHz



Date: 21..III..2015 22:09:35

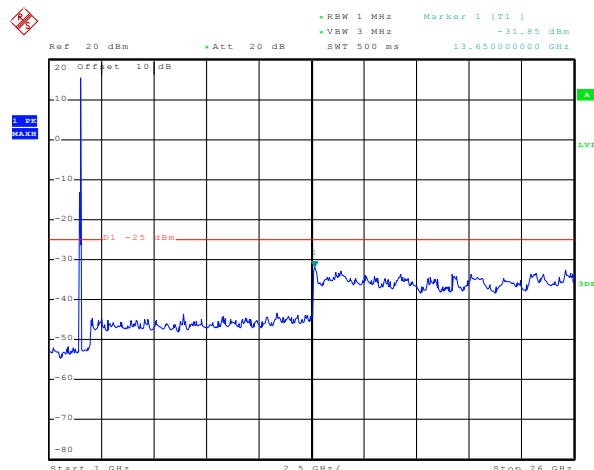
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:20:52

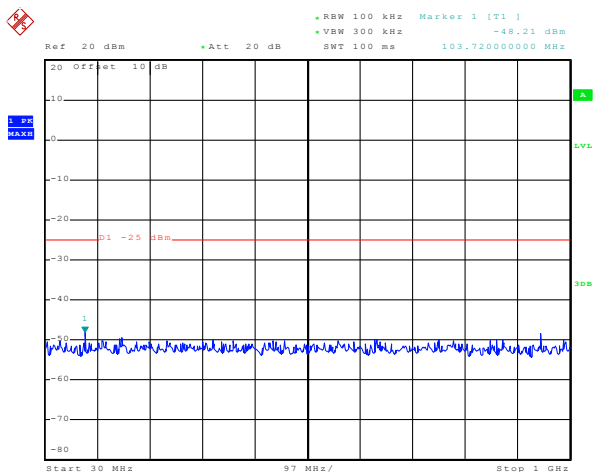
30MHz~1GHz



Date: 21.JUL.2015 22:07:00

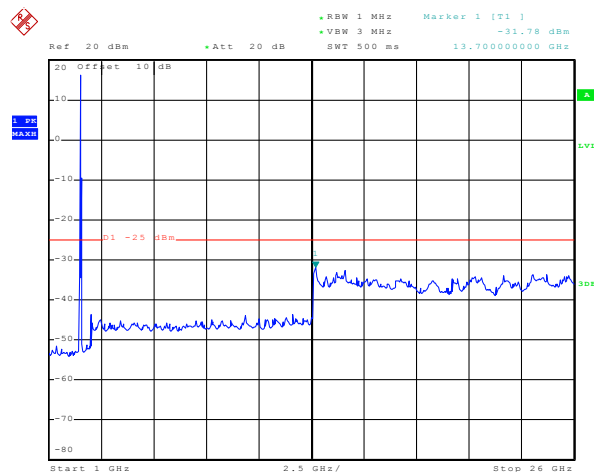
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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Date: 21.JUL.2015 22:21:27

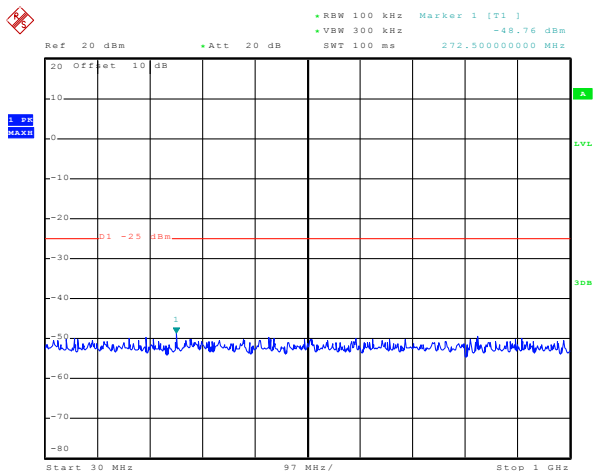
30MHz~1GHz



Date: 21.JUL.2015 22:08:38

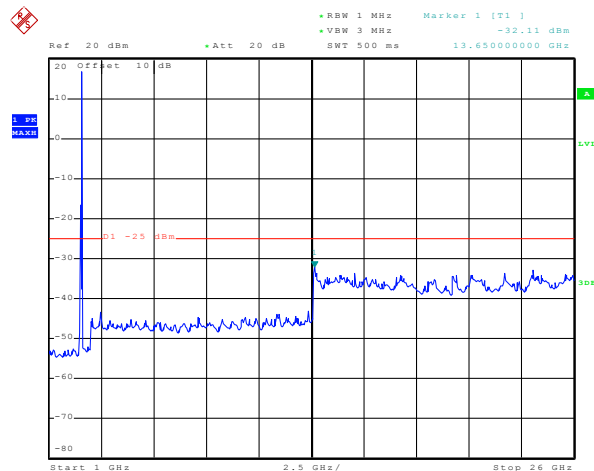
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:22:02

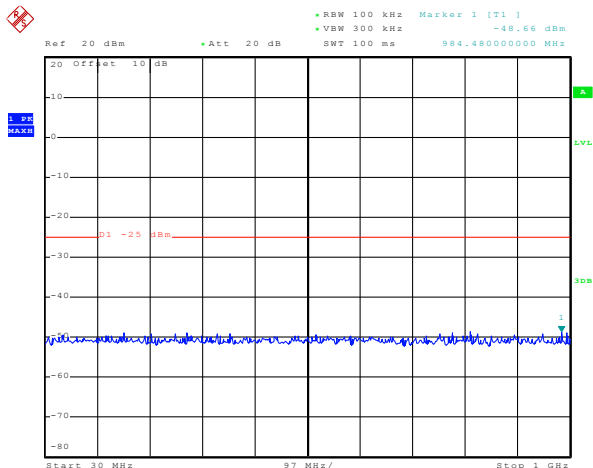
30MHz~1GHz



Date: 21.JUL.2015 22:09:52

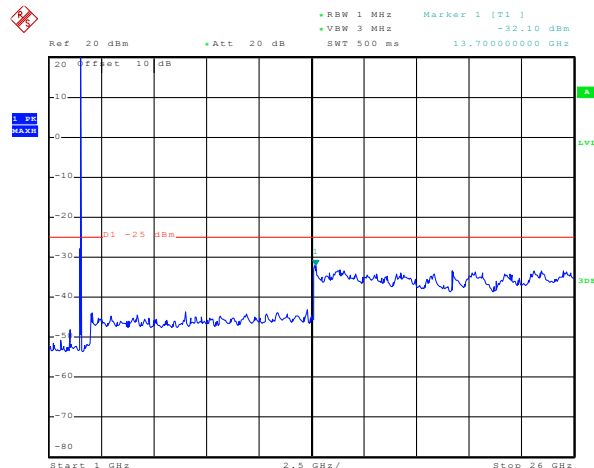
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:20:27

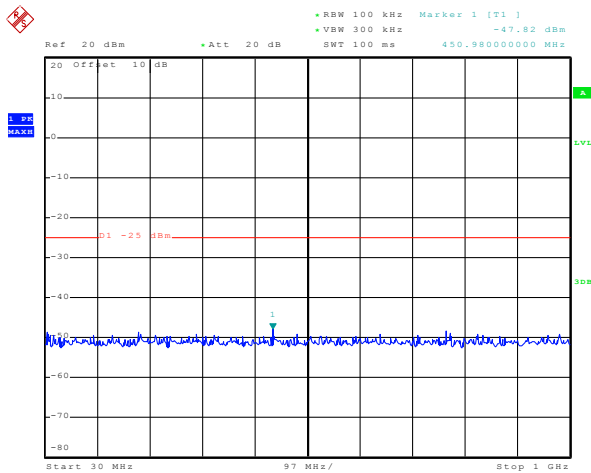
30MHz~1GHz



Date: 21.JUL.2015 22:05:50

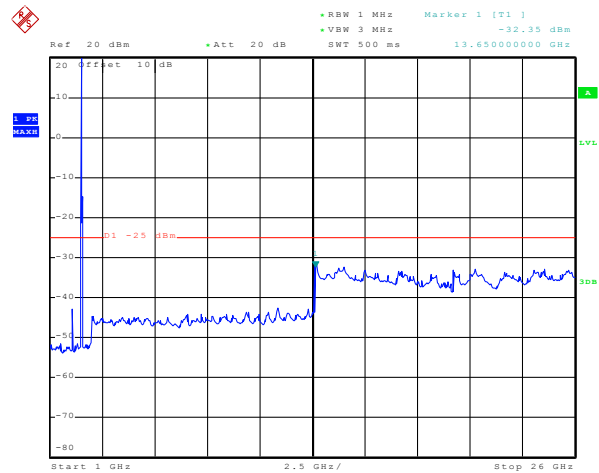
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:21:00

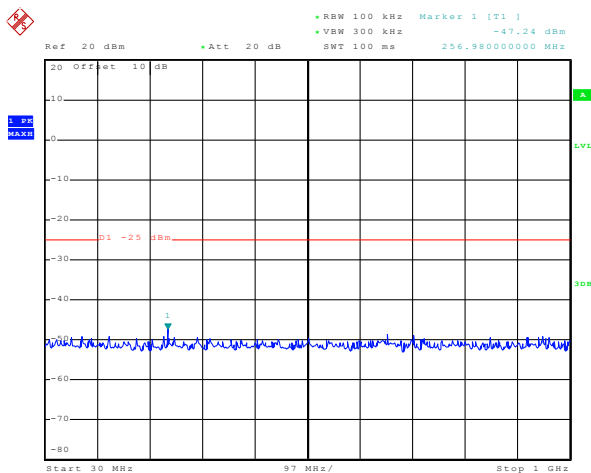
30MHz~1GHz



Date: 21..III..2015 22:07:29

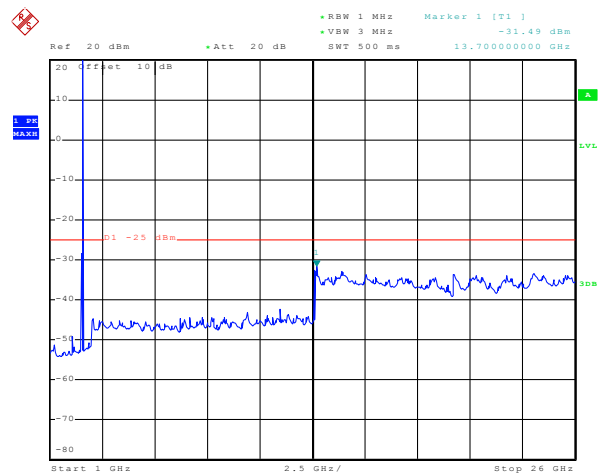
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 21..III..2015 22:21:34

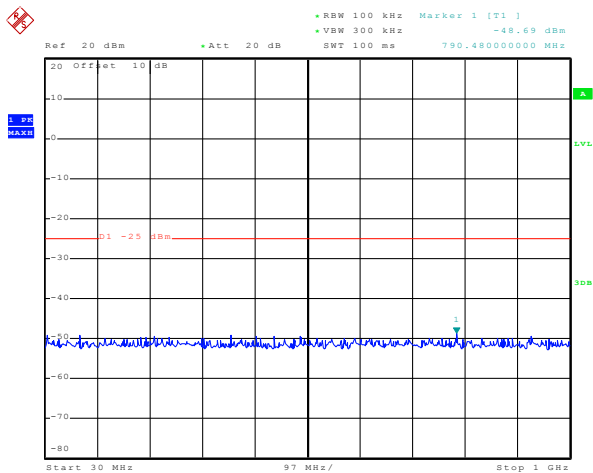
30MHz~1GHz



Date: 21..III..2015 22:08:57

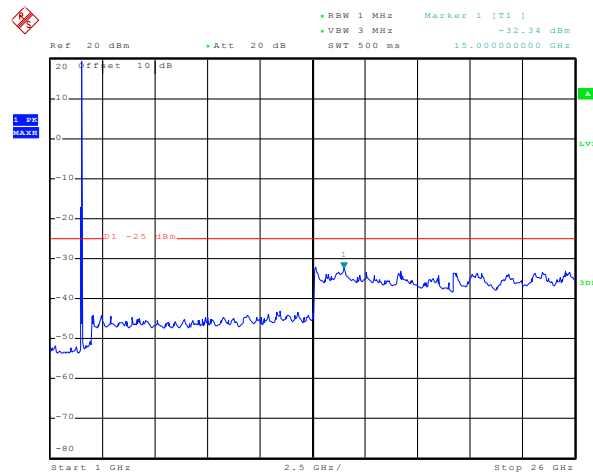
1GHz~26GHz

Test Mode:	LTE band 7 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21..III..2015 22:20:38

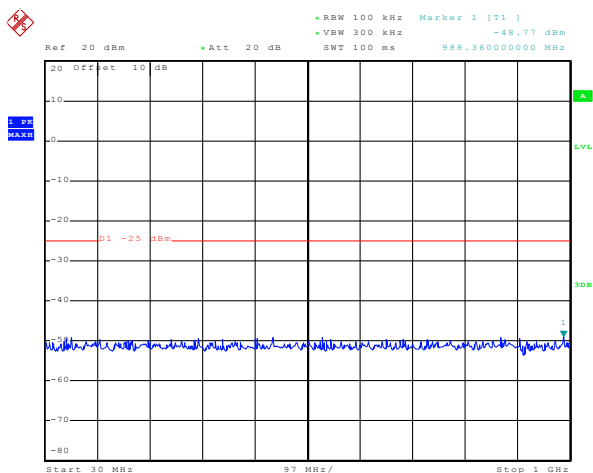
30MHz~1GHz



Date: 21..III..2015 22:06:20

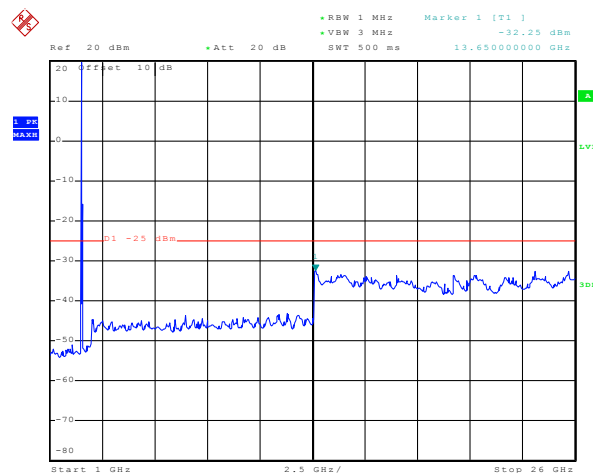
1GHz~26GHz

Test Mode:	LTE band 7 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 21..III..2015 22:21:10

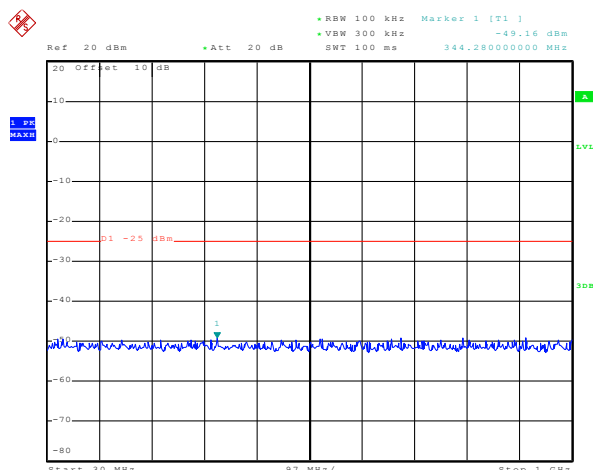
30MHz~1GHz



Date: 21..III..2015 22:07:56

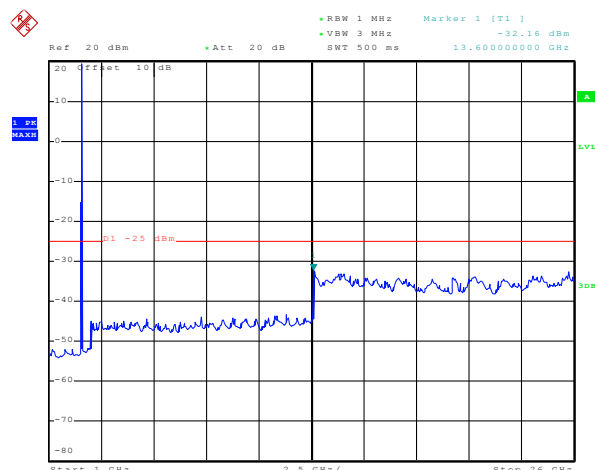
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 21.JUL.2015 22:21:44

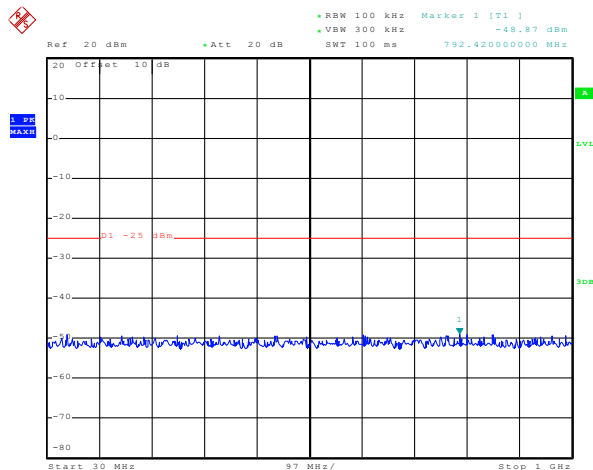
30MHz~1GHz



Date: 21.JUL.2015 22:09:24

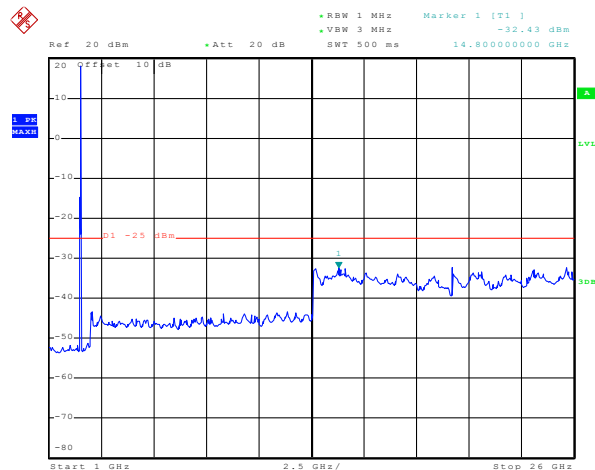
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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Date: 21.JUL.2015 22:20:49

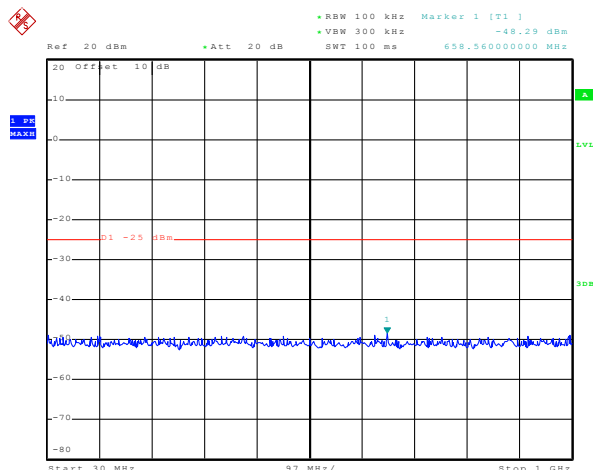
30MHz~1GHz



Date: 21.JUL.2015 22:06:48

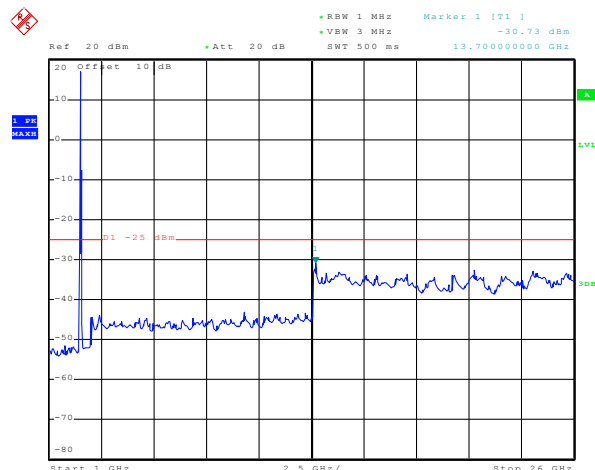
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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Date: 21. JUL. 2015 22:21:24

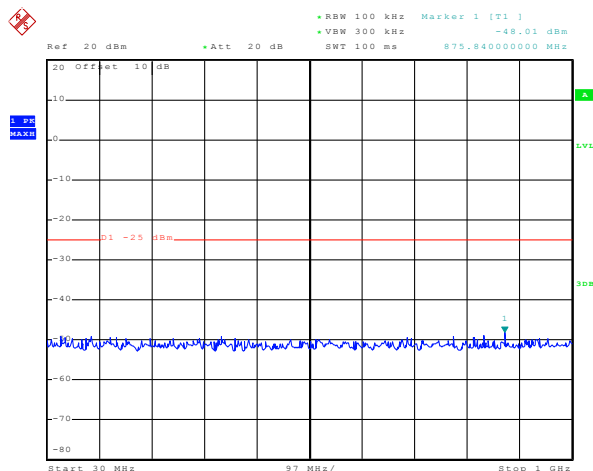
30MHz~1GHz



Date: 21 .III. 2015 22:08:30

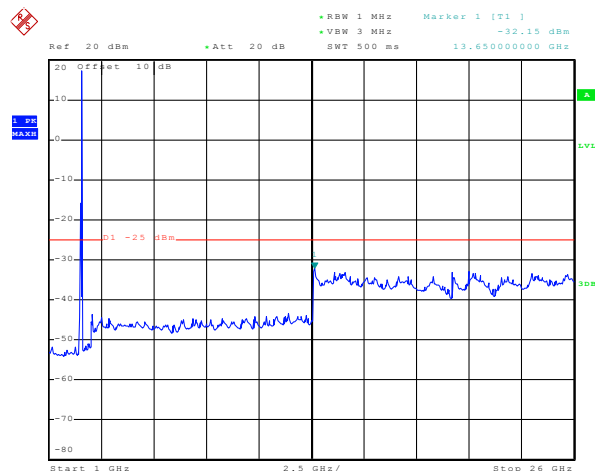
1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 21 .III. 2015 22:21:59

30MHz~1GHz



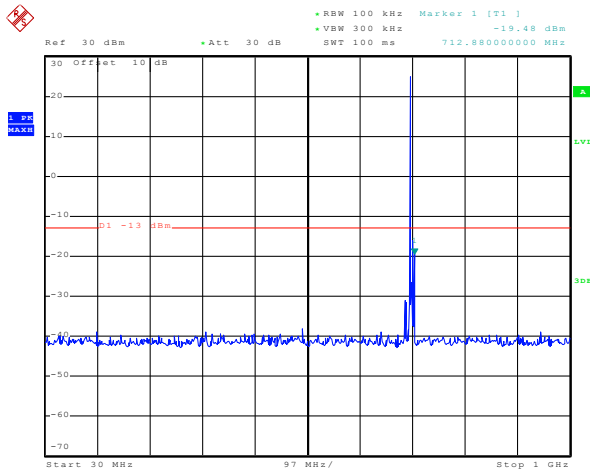
Date: 21.III.2015 22:09:45

1GHz~26GHz

LTE band 17 part:

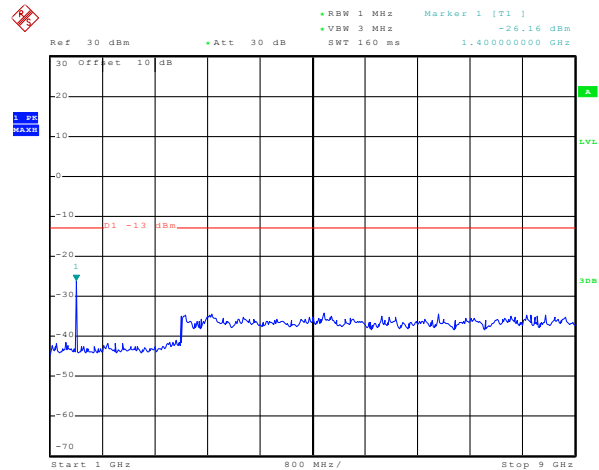
5MHz:

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 17:43:21

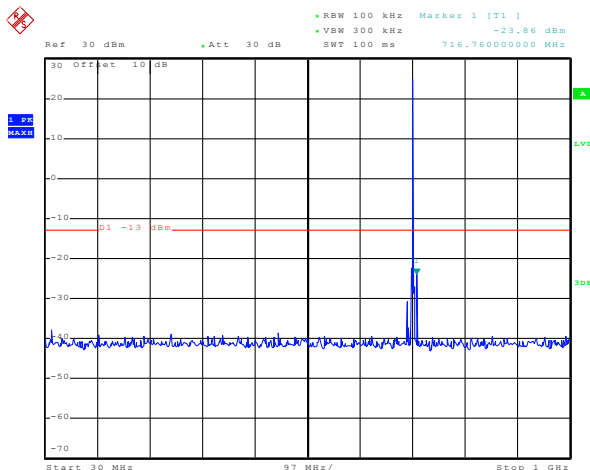
30MHz~1GHz



Date: 15.JUL.2015 17:49:51

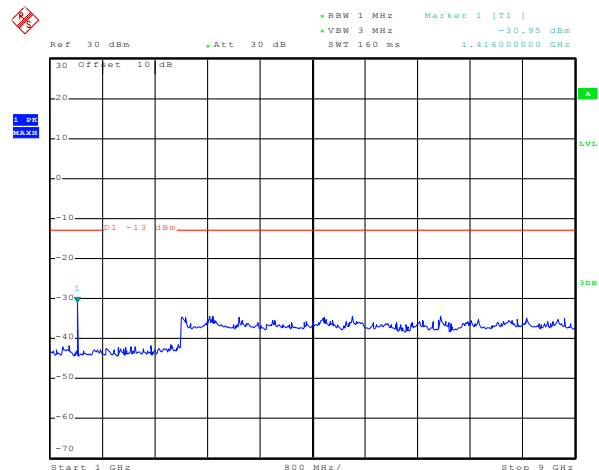
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 17:44:47

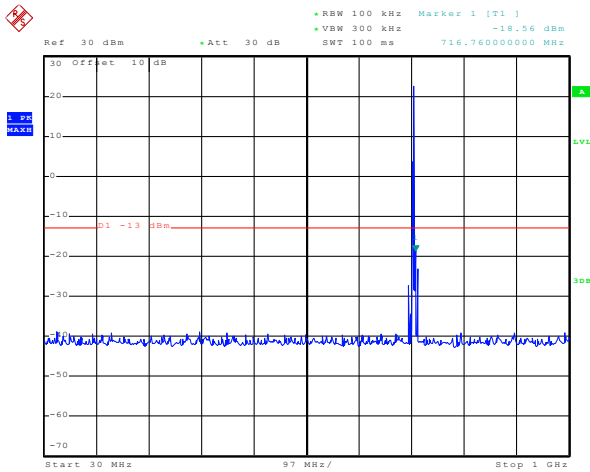
30MHz~1GHz



Date: 15.JUL.2015 17:51:25

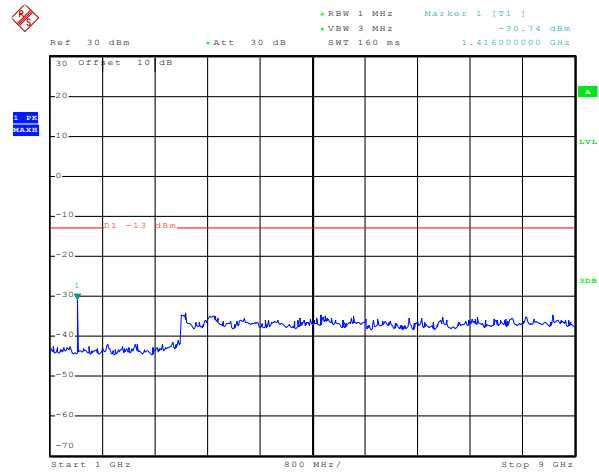
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:46:48

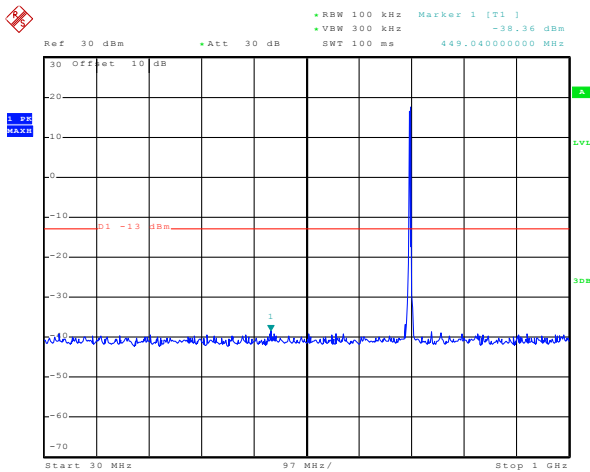
30MHz~1GHz



Date: 15.JUL.2015 18:21:30

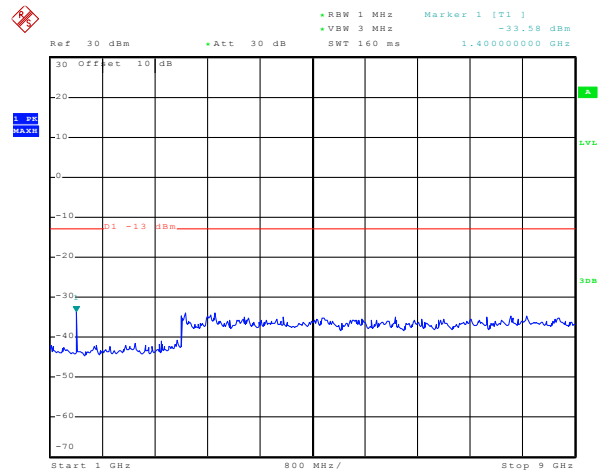
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 17:42:51

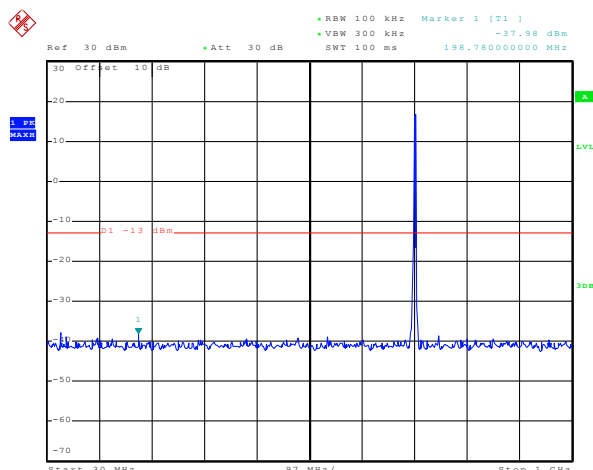
30MHz~1GHz



Date: 15.JUL.2015 17:50:20

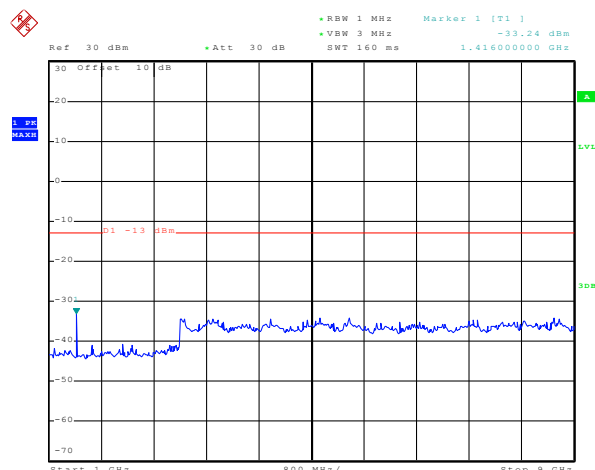
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 17:45:23

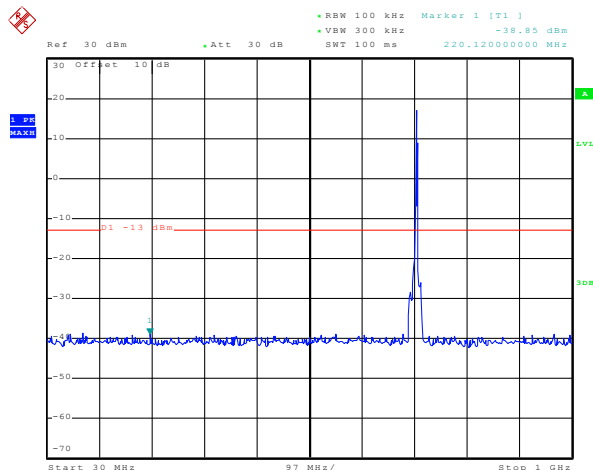
30MHz~1GHz



Date: 15.JUL.2015 17:52:01

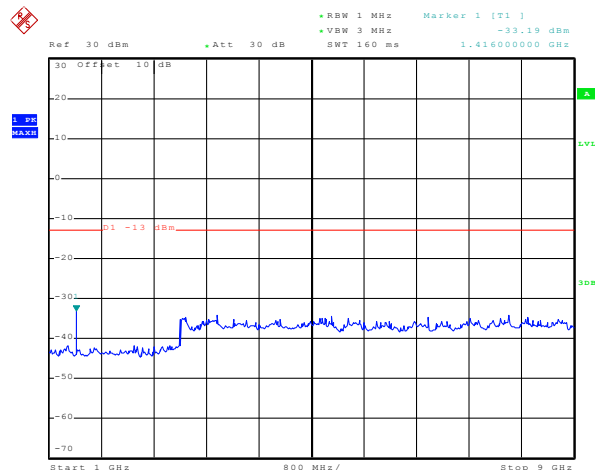
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:47:28

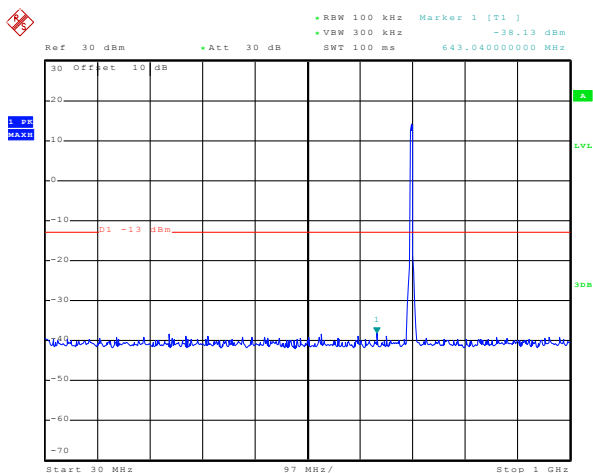
30MHz~1GHz



Date: 15.JUL.2015 18:21:52

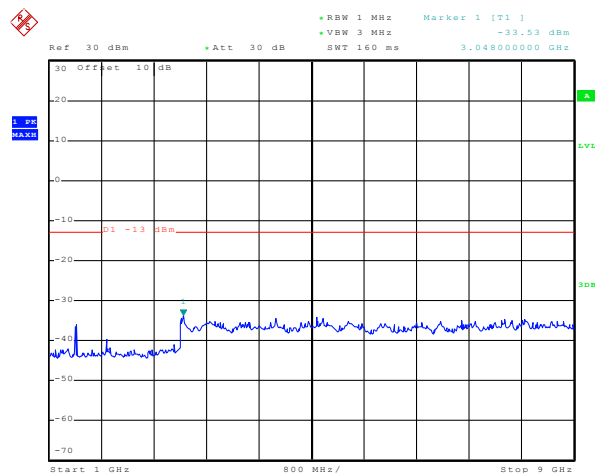
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15..III..2015 17:44:00

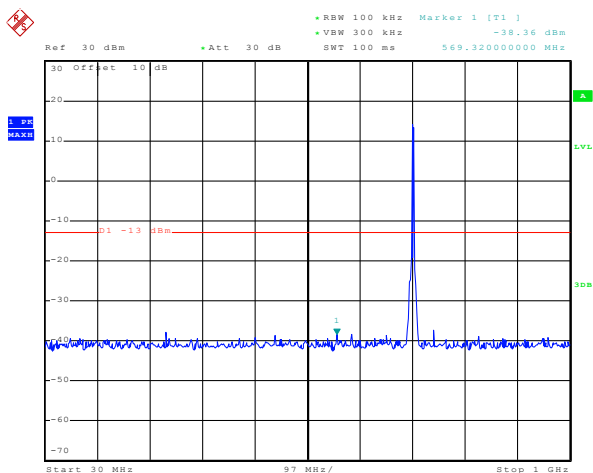
30MHz~1GHz



Date: 15..III..2015 17:50:53

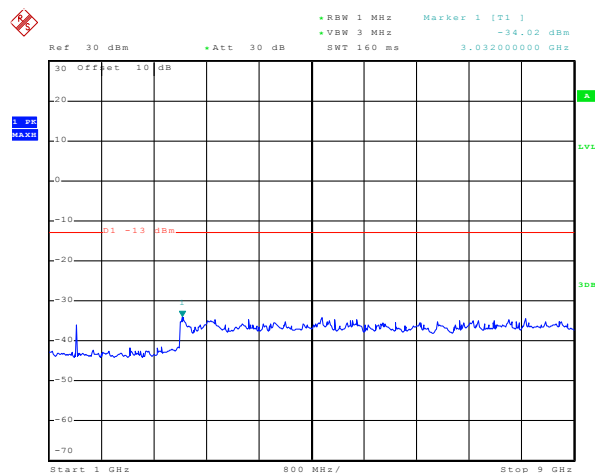
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 15..III..2015 17:46:09

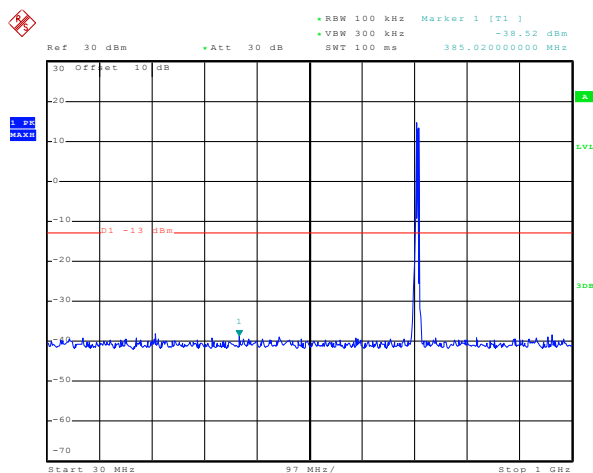
30MHz~1GHz



Date: 15..III..2015 17:52:27

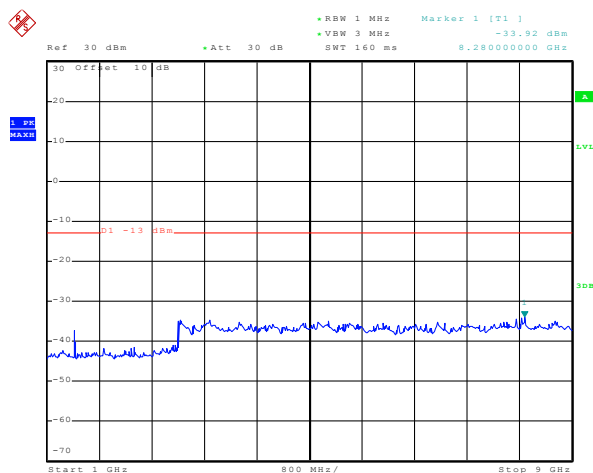
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:48:01

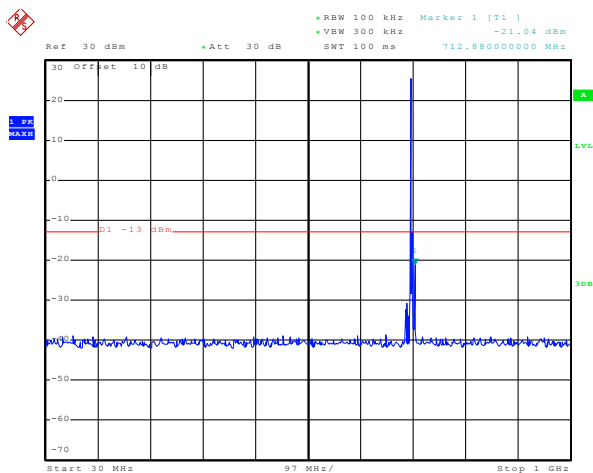
30MHz~1GHz



Date: 15.JUL.2015 18:22:15

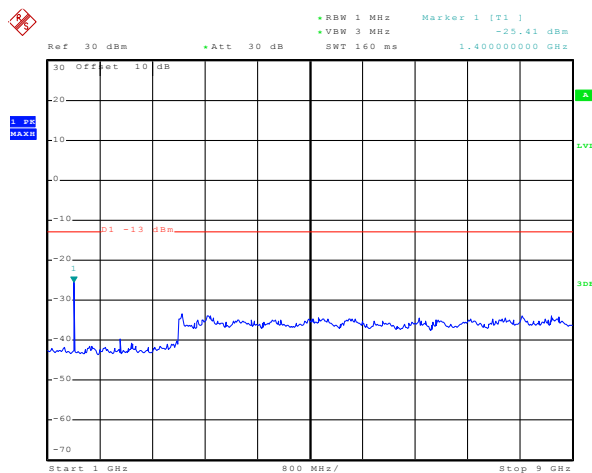
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 17:43:09

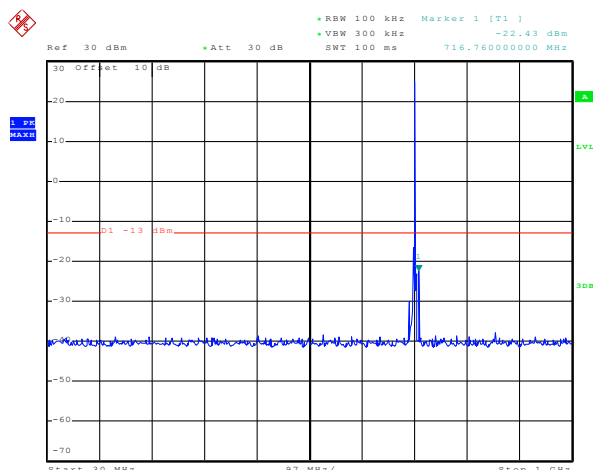
30MHz~1GHz



Date: 15.JUL.2015 17:49:37

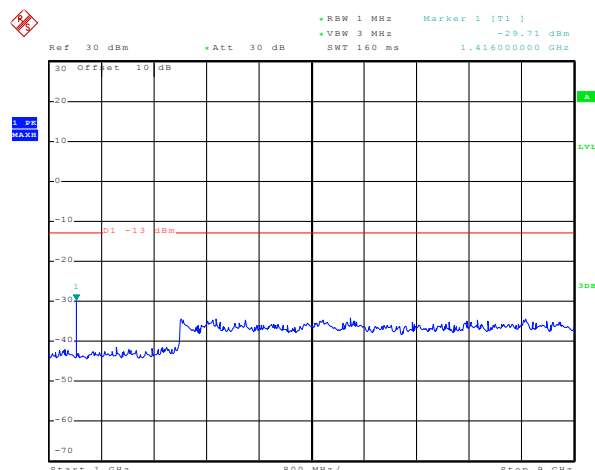
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 17:44:36

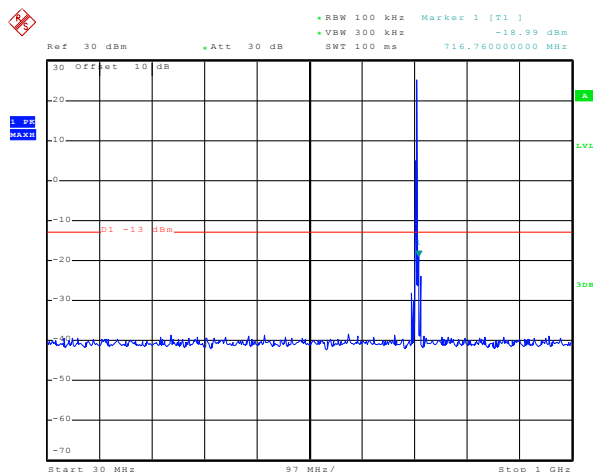
30MHz~1GHz



Date: 15.JUL.2015 17:51:14

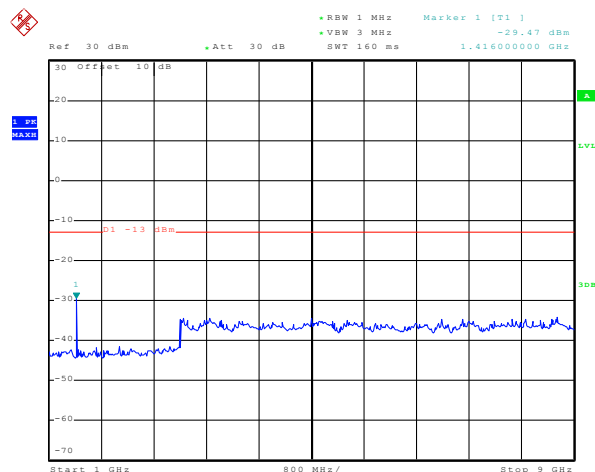
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:46:38

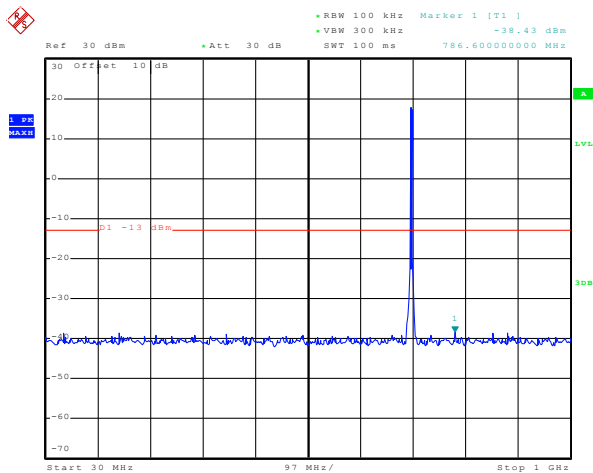
30MHz~1GHz



Date: 15.JUL.2015 18:20:47

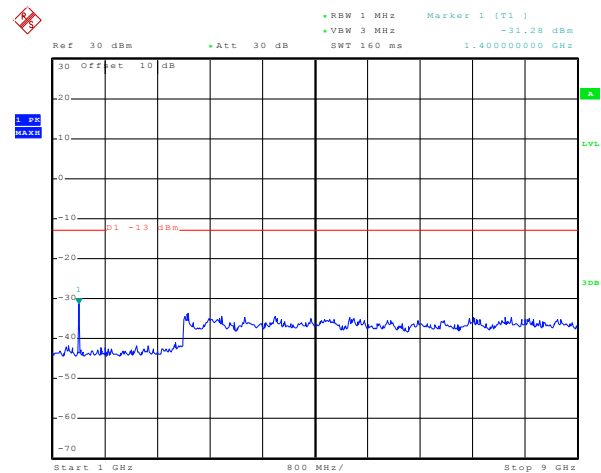
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15..III..2015 17:42:34

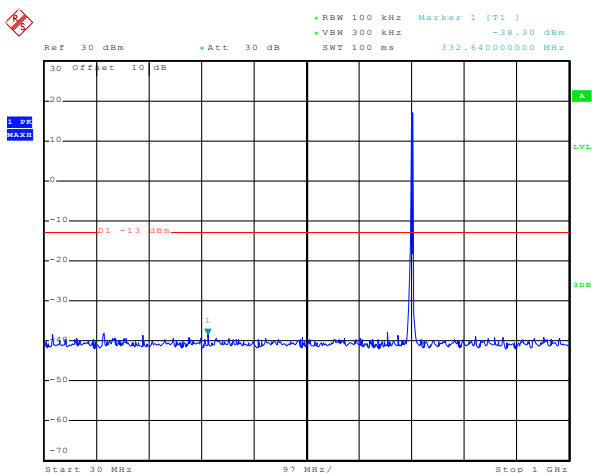
30MHz~1GHz



Date: 15..III..2015 17:50:06

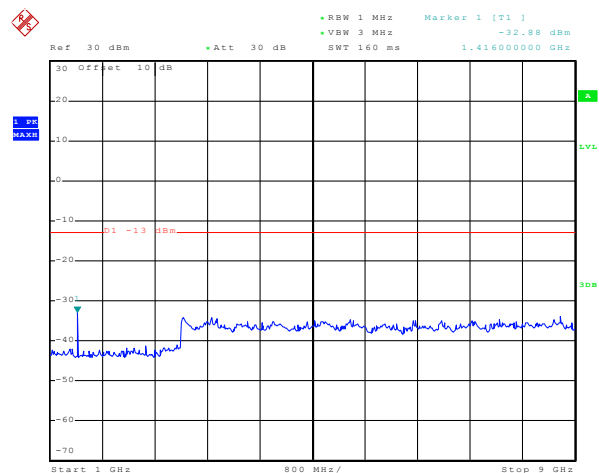
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 15..III..2015 17:45:10

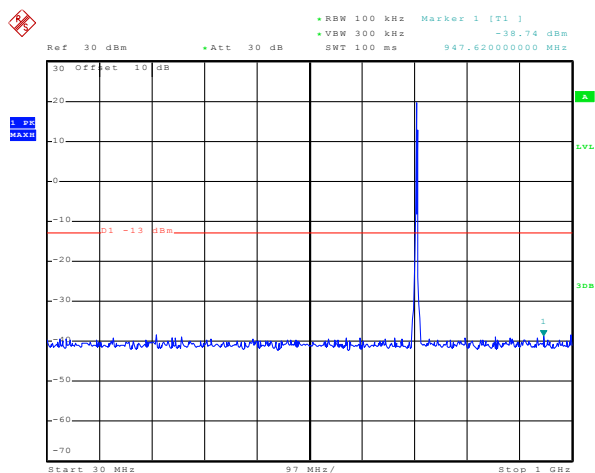
30MHz~1GHz



Date: 15..III..2015 17:51:42

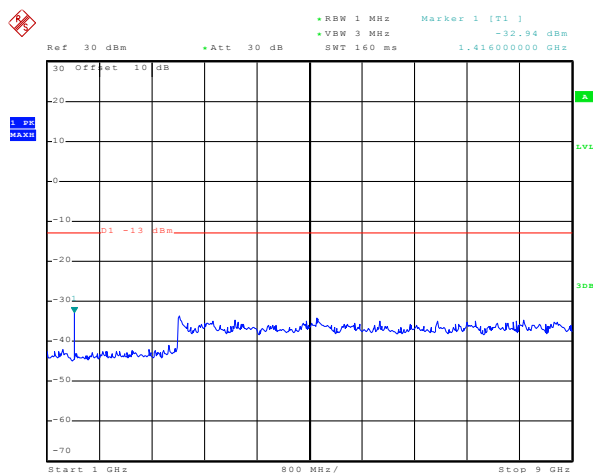
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:47:05

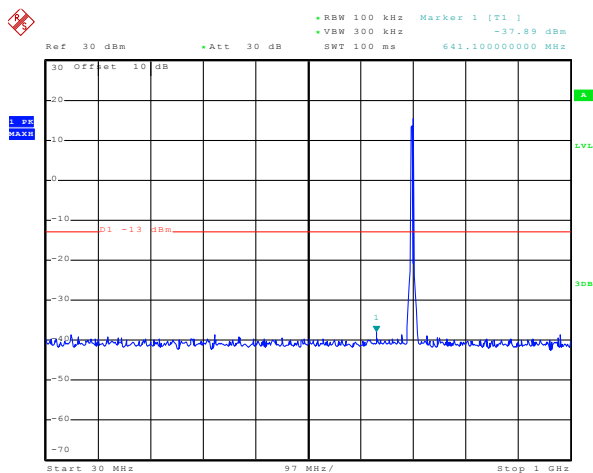
30MHz~1GHz



Date: 15.JUL.2015 18:21:40

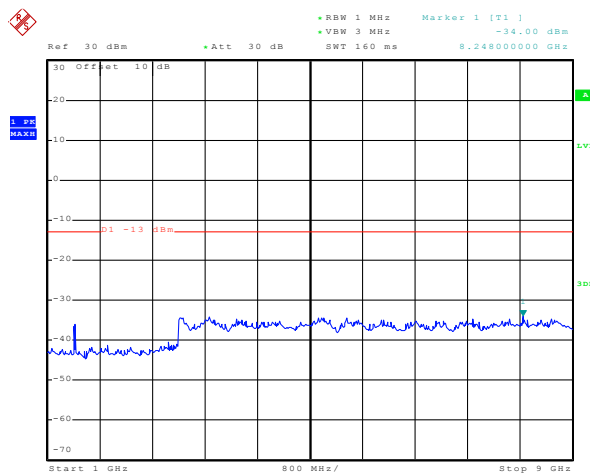
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 17:43:41

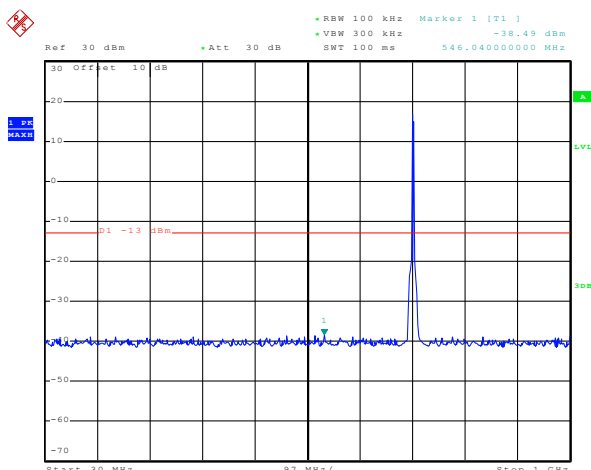
30MHz~1GHz



Date: 15.JUL.2015 17:50:42

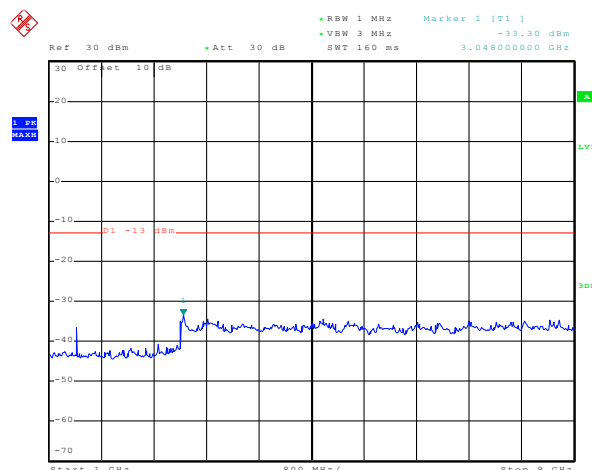
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 17:45:55

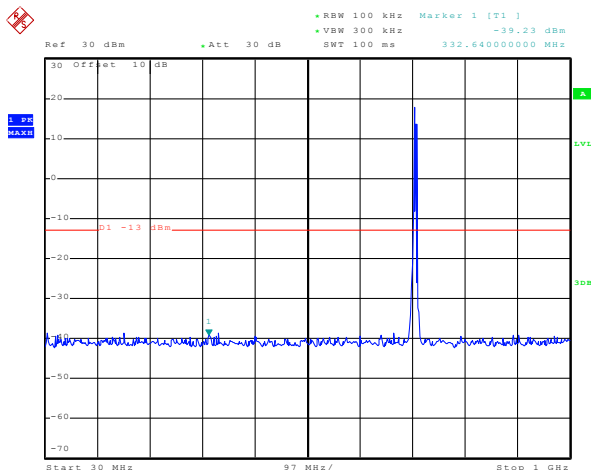
30MHz~1GHz



Date: 15.JUL.2015 17:52:13

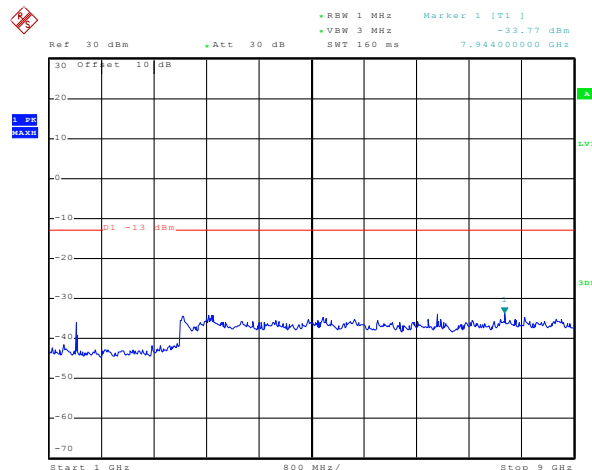
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 17:47:41

30MHz~1GHz

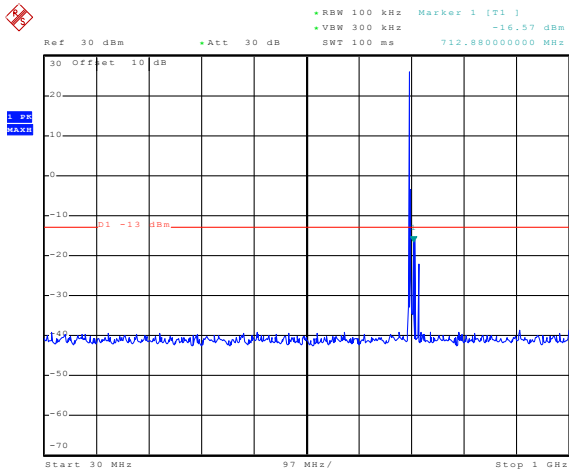


Date: 15.JUL.2015 18:22:03

1GHz~9GHz

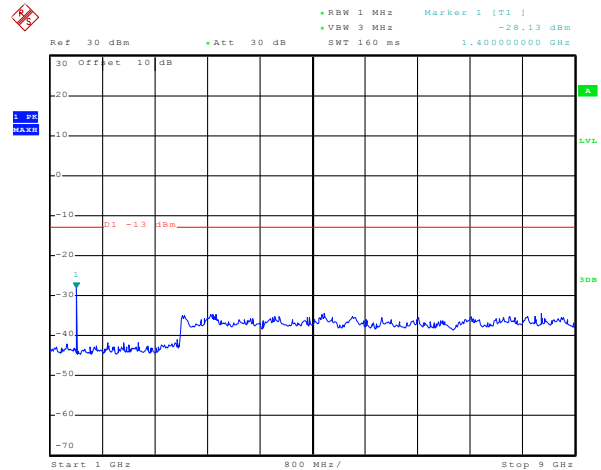
10MHz:

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15..III..2015 18:23:29

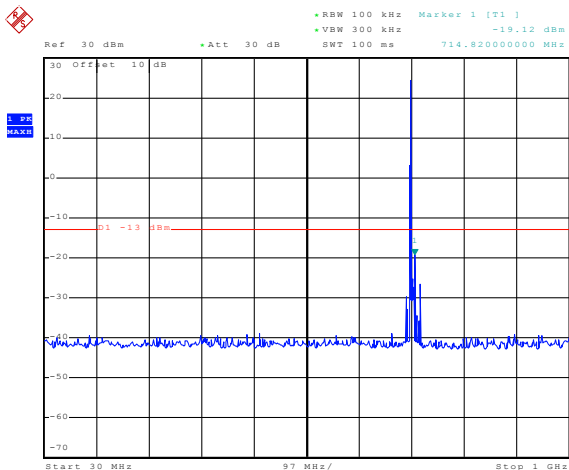
30MHz~1GHz



Date: 15..III..2015 18:15:54

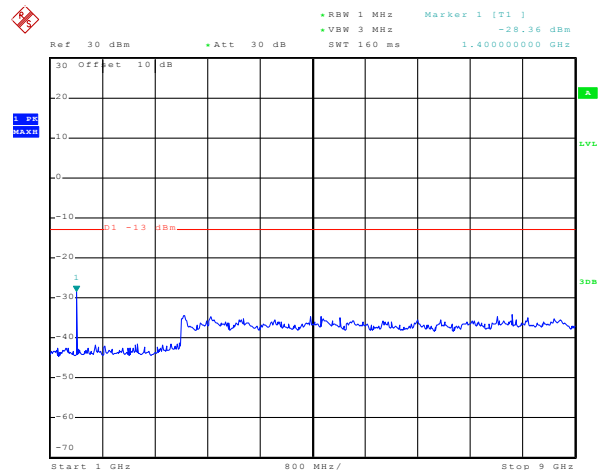
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 15..III..2015 18:25:09

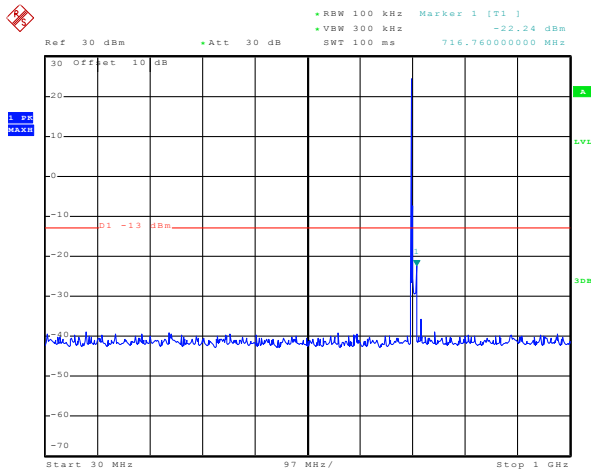
30MHz~1GHz



Date: 15..III..2015 18:17:35

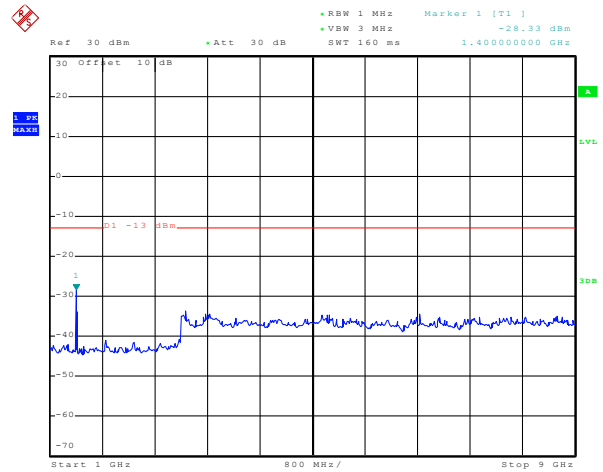
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 18:26:52

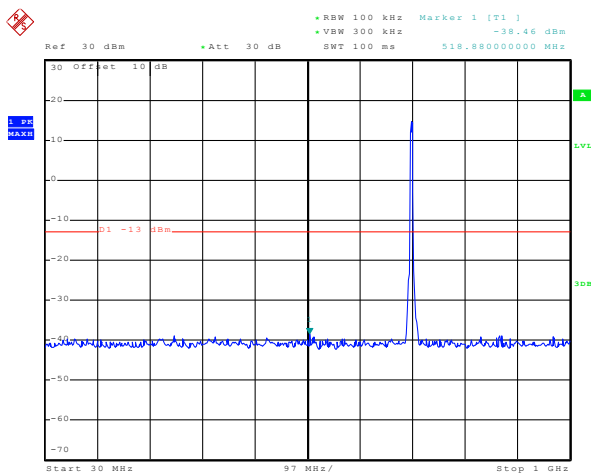
30MHz~1GHz



Date: 15.JUL.2015 18:18:56

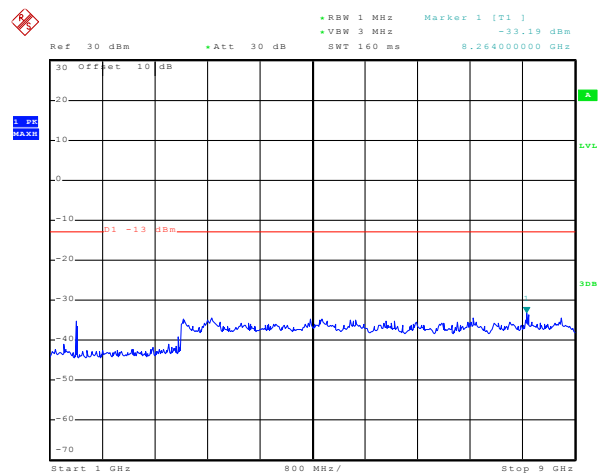
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 18:24:09

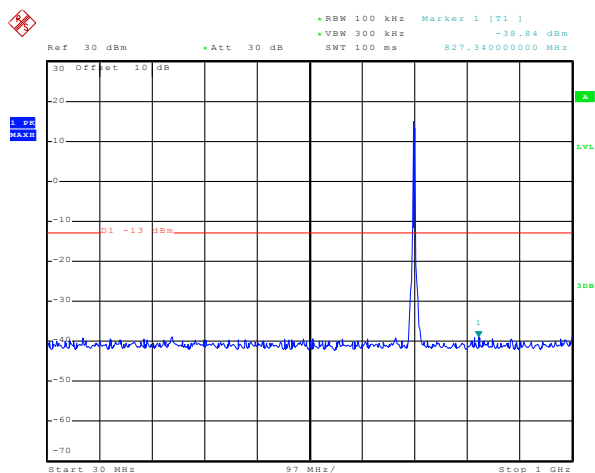
30MHz~1GHz



Date: 15.JUL.2015 18:16:32

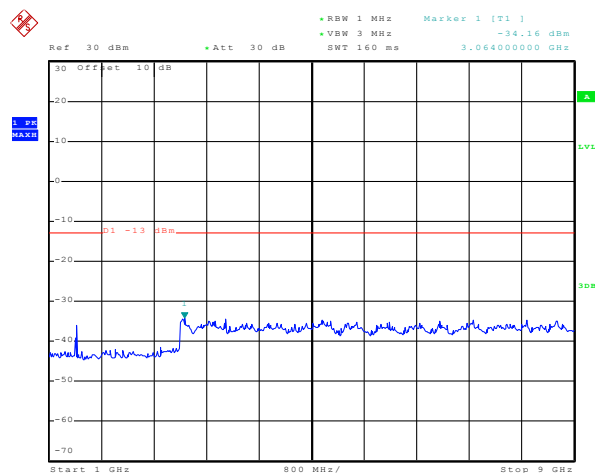
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 18:25:47

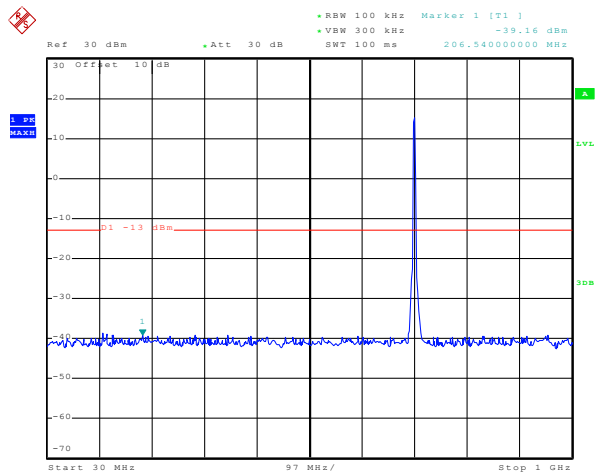
30MHz~1GHz



Date: 15.JUL.2015 18:18:01

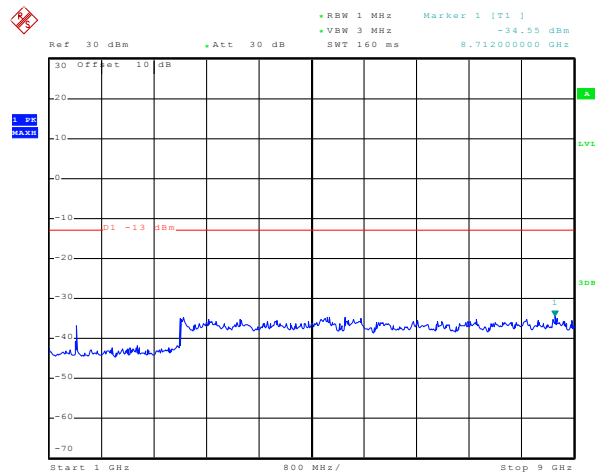
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 18:27:23

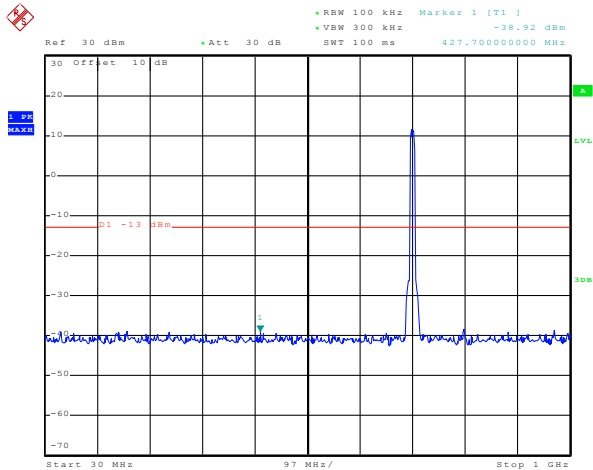
30MHz~1GHz



Date: 15.JUL.2015 18:19:20

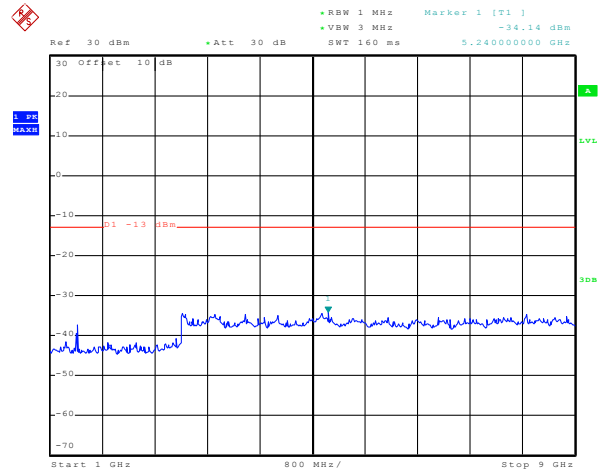
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15..III..2015 18:24:38

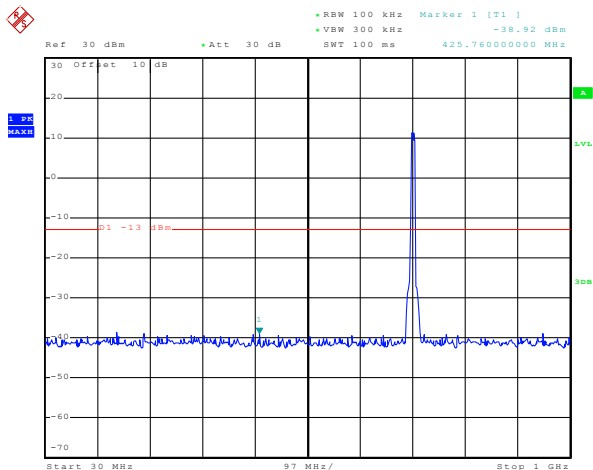
30MHz~1GHz



Date: 15..III..2015 18:16:59

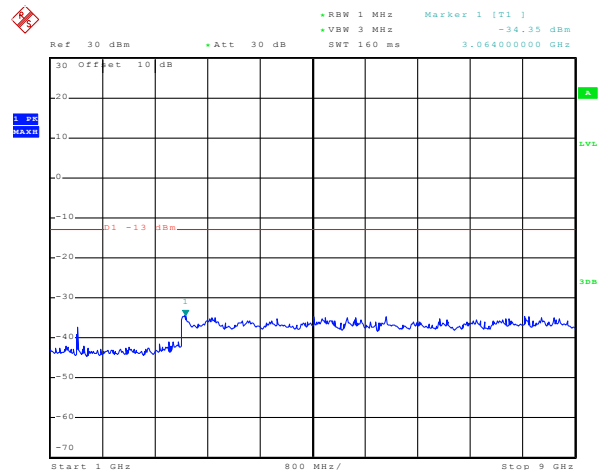
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 15..III..2015 18:26:17

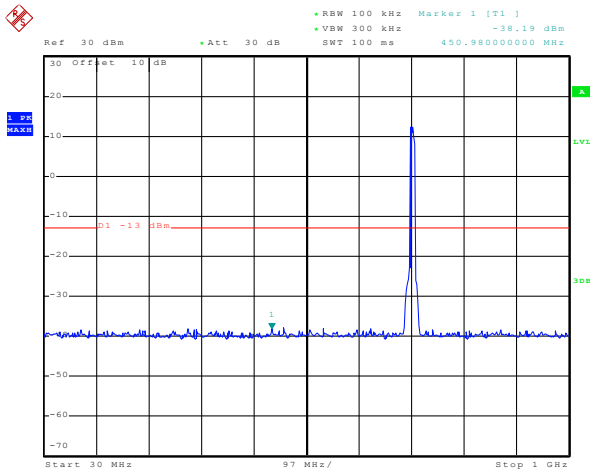
30MHz~1GHz



Date: 15..III..2015 18:18:24

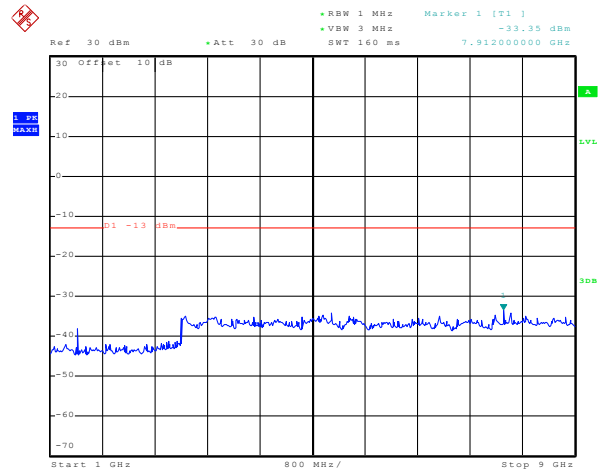
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 16.JUL.2015 16:55:56

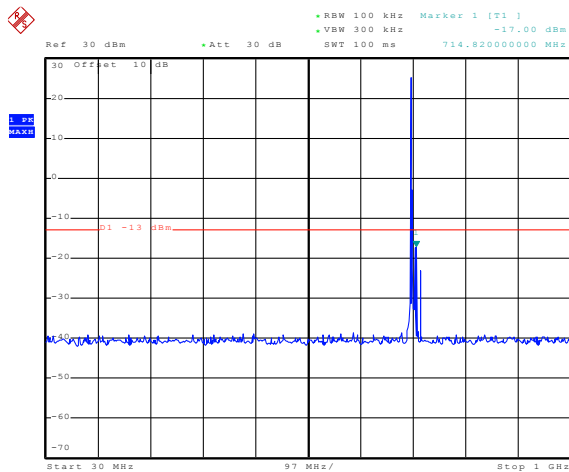
30MHz~1GHz



Date: 15.JUL.2015 18:19:48

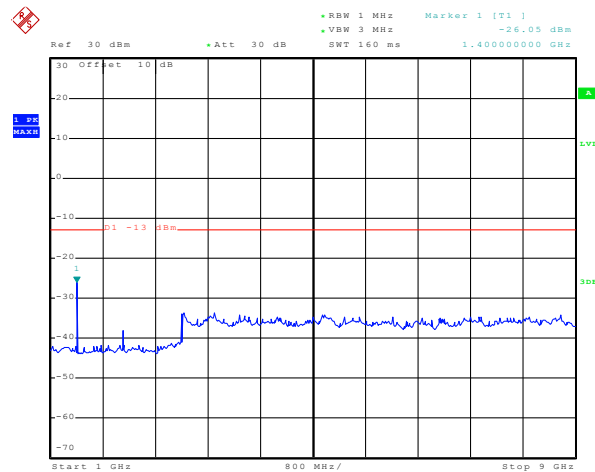
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 18:23:11

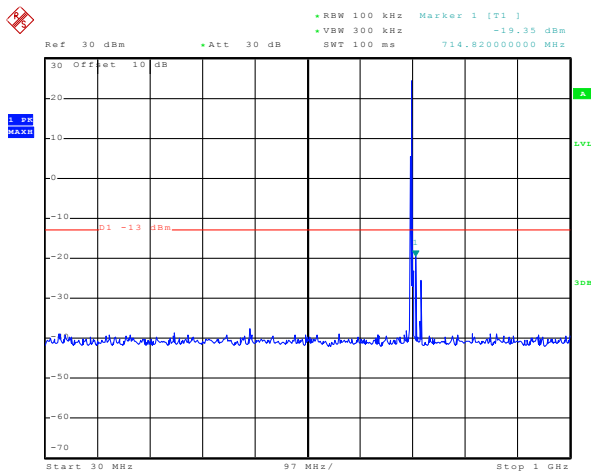
30MHz~1GHz



Date: 15.JUL.2015 18:15:42

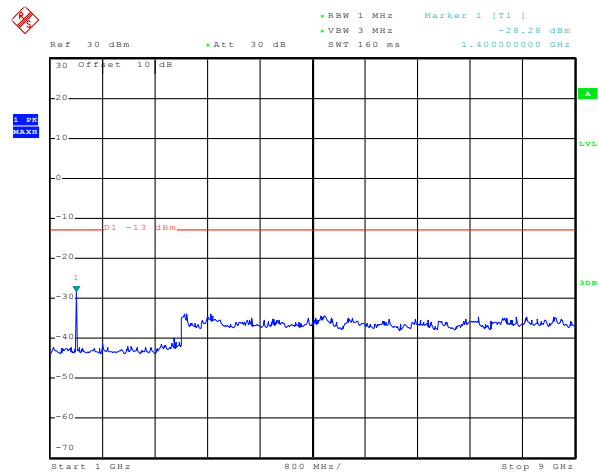
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 18:24:59

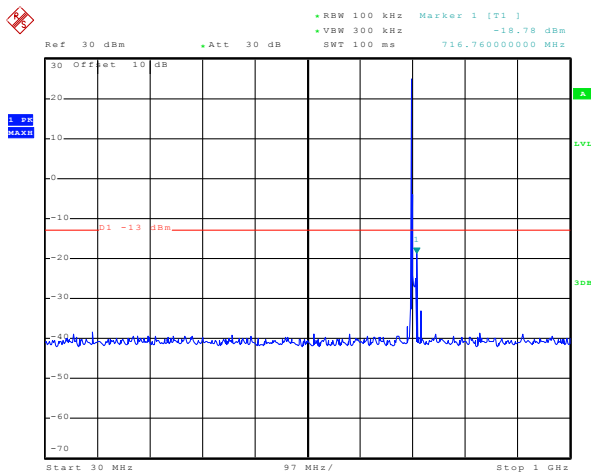
30MHz~1GHz



Date: 15.JUL.2015 18:17:24

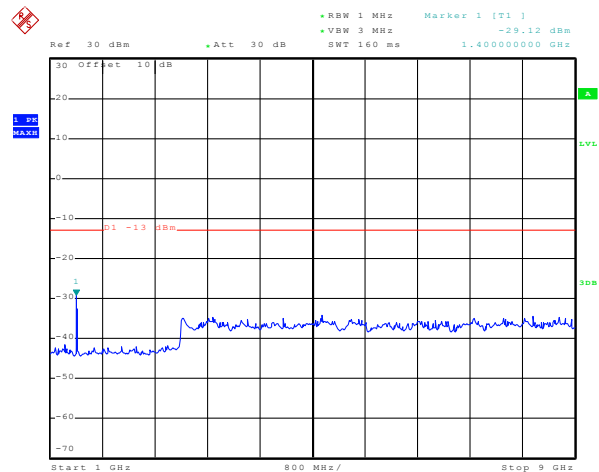
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 18:26:44

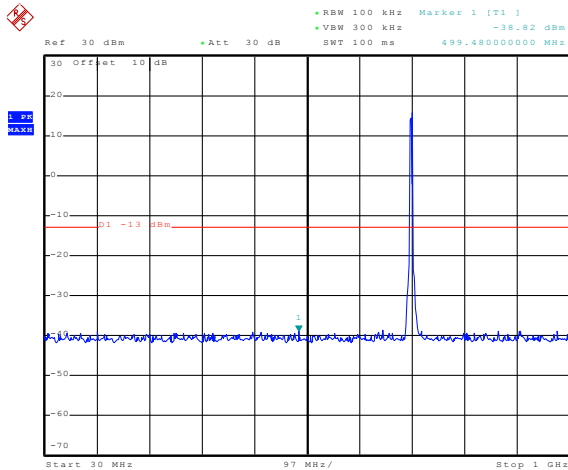
30MHz~1GHz



Date: 15.JUL.2015 18:18:41

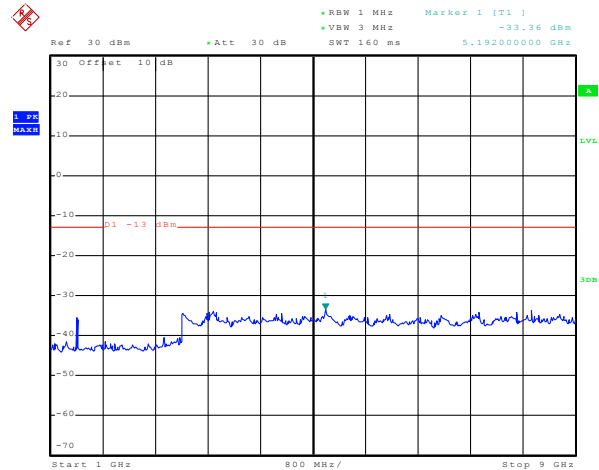
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15..III..2015 18:23:52

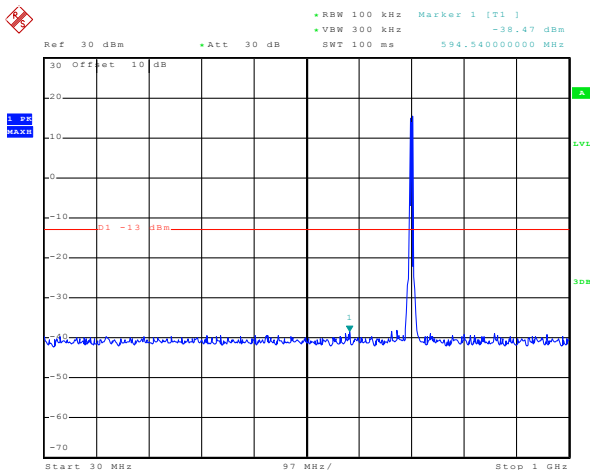
30MHz~1GHz



Date: 15..III..2015 18:16:19

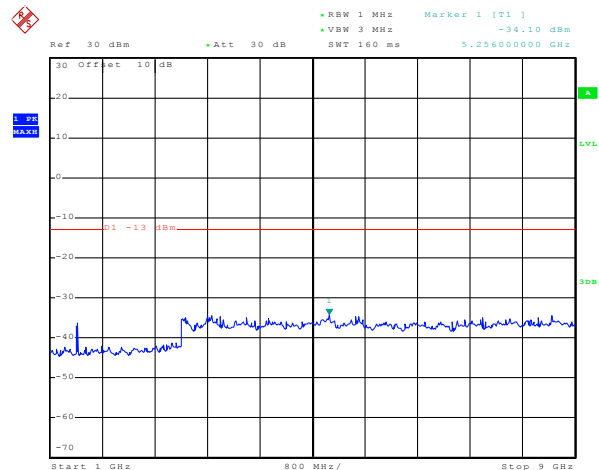
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 15..III..2015 18:25:33

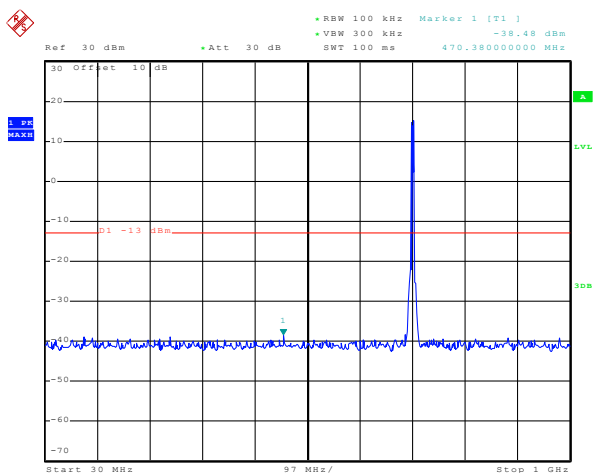
30MHz~1GHz



Date: 15..III..2015 18:17:48

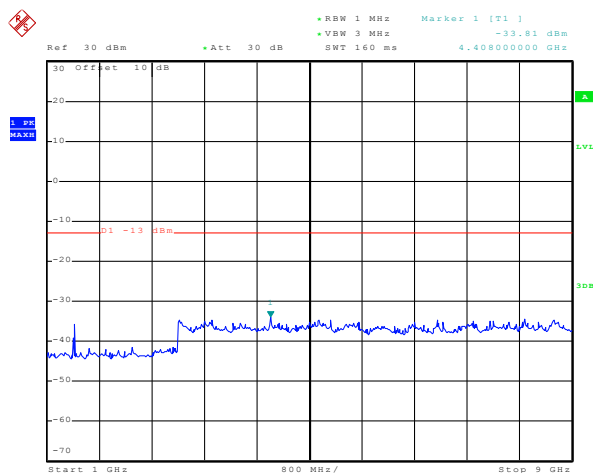
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 18:27:06

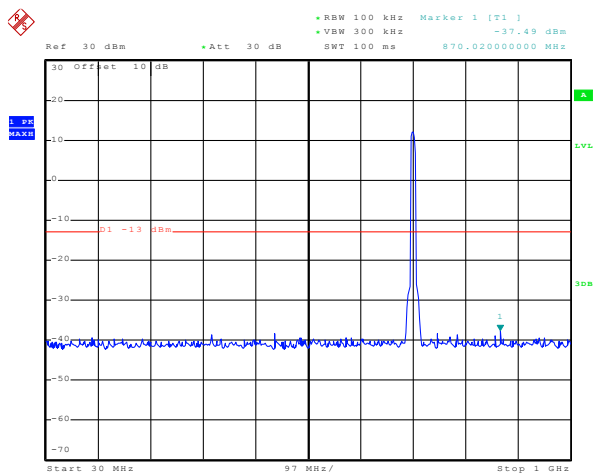
30MHz~1GHz



Date: 15.JUL.2015 18:19:09

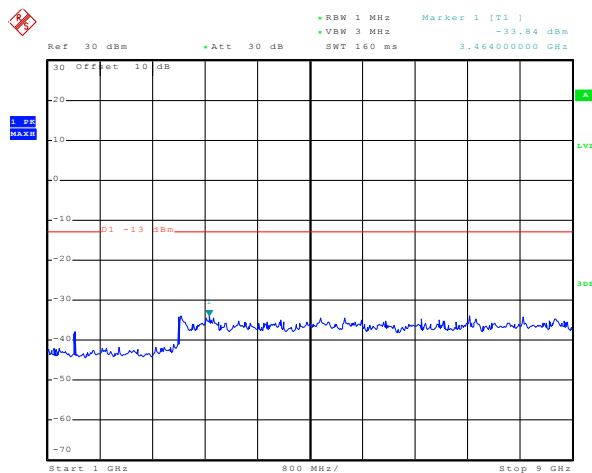
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 15.JUL.2015 18:24:23

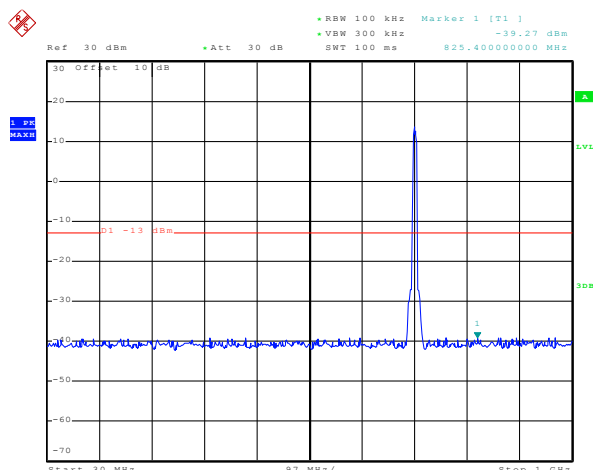
30MHz~1GHz



Date: 15.JUL.2015 18:16:48

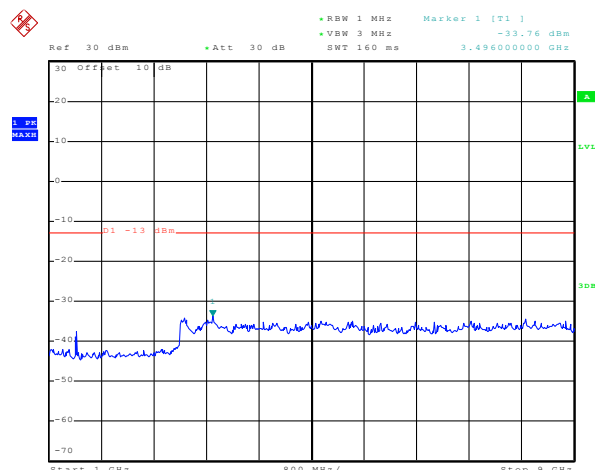
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 15.JUL.2015 18:26:06

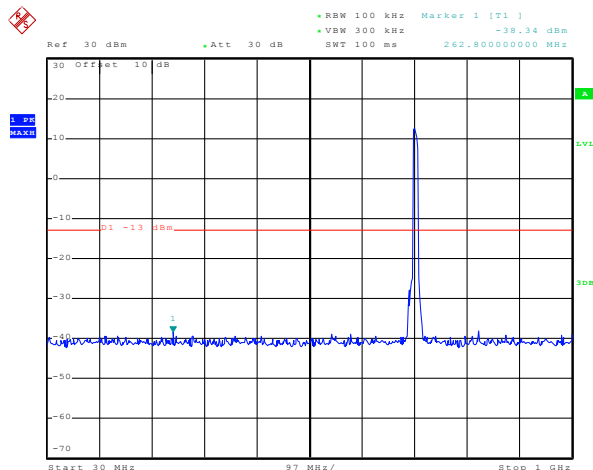
30MHz~1GHz



Date: 15.JUL.2015 18:18:13

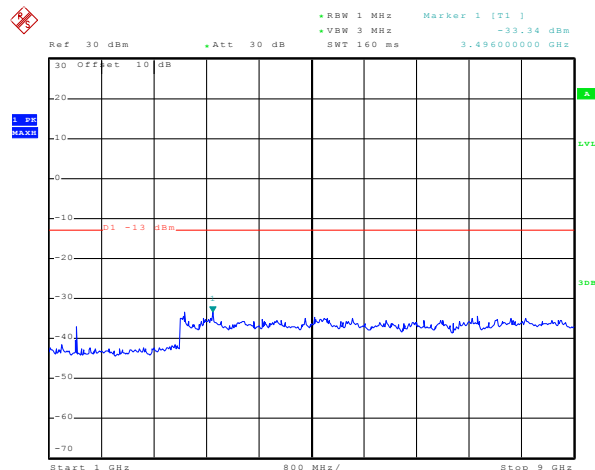
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 15.JUL.2015 18:27:42

30MHz~1GHz



Date: 15.JUL.2015 18:19:34

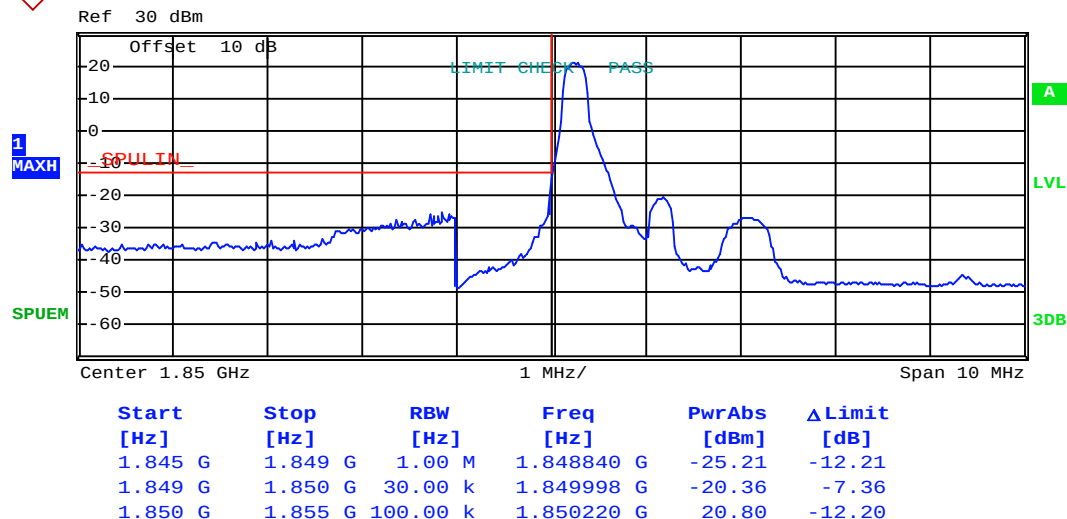
1GHz~9GHz

Band edge emission:

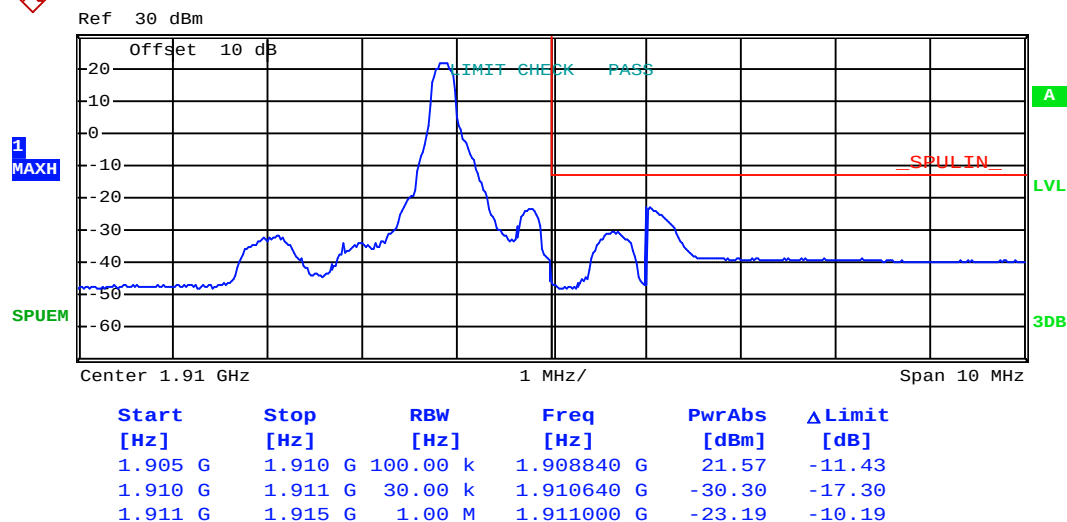
LTE band 2 part:

1.4MHz:

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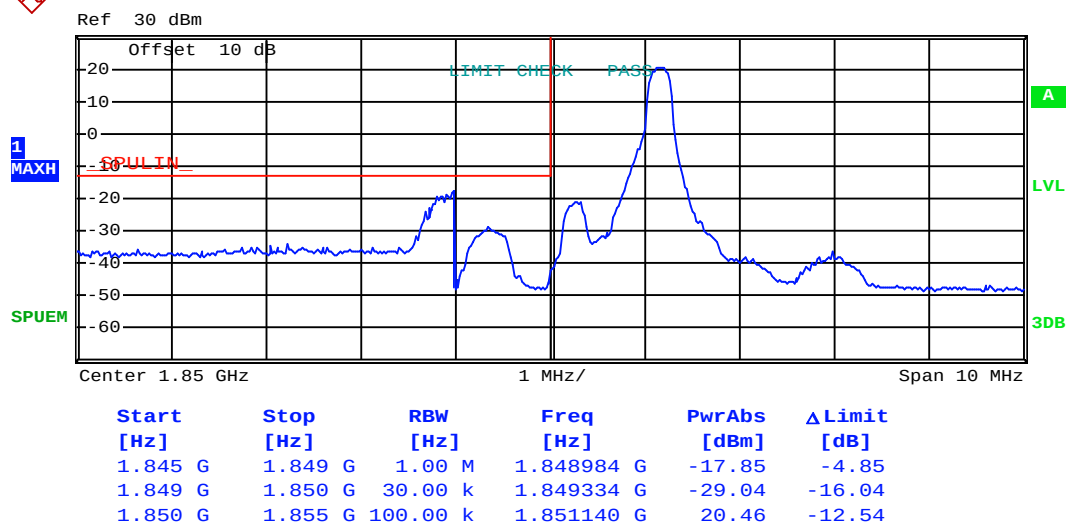
Lowest channel



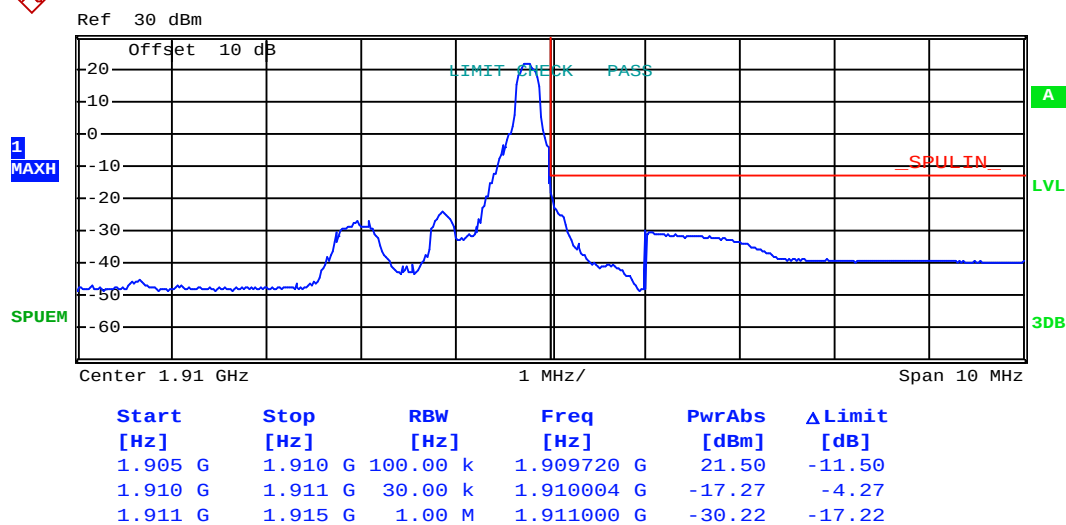
Highest channel

Test Mode:

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



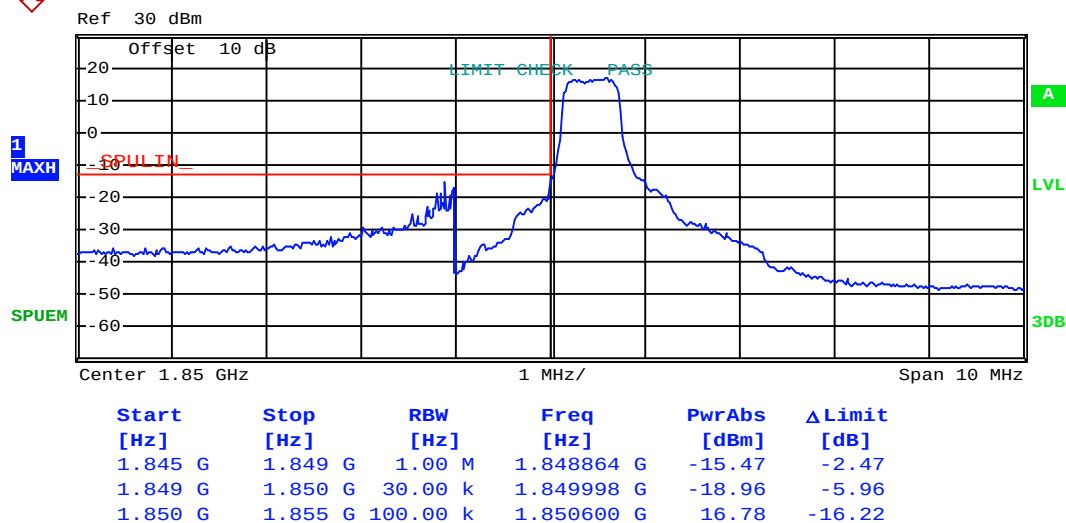
Lowest channel



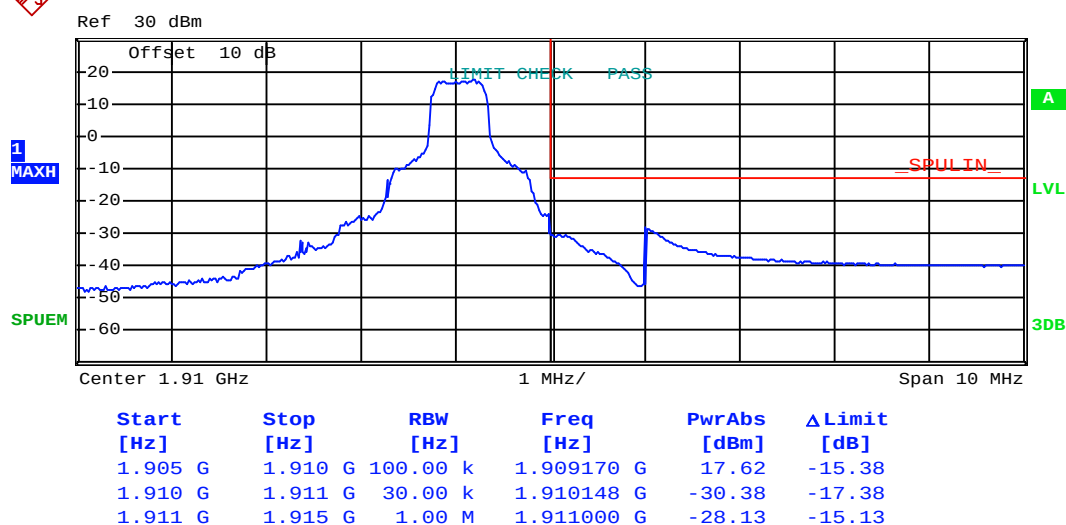
Highest channel

Test Mode:

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

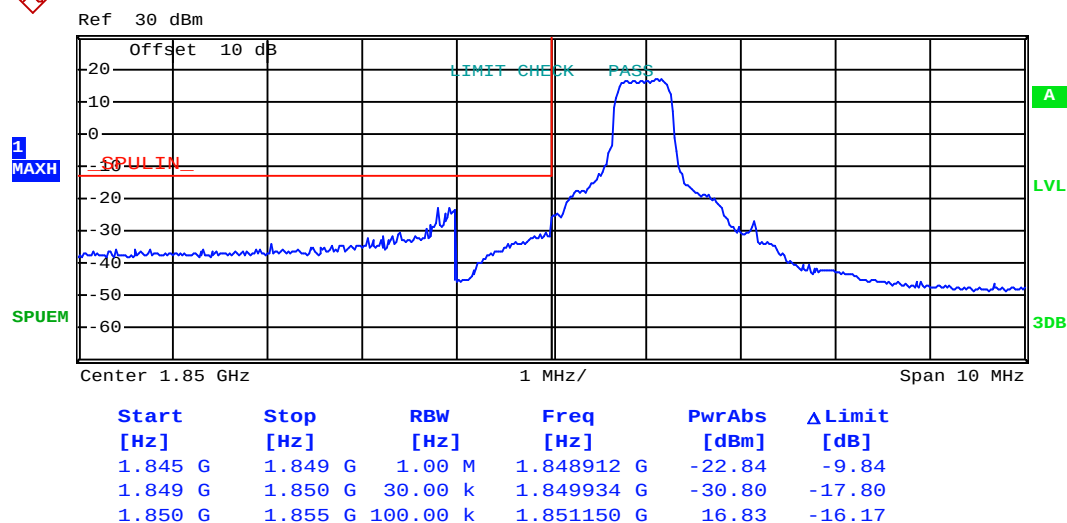


Lowest channel

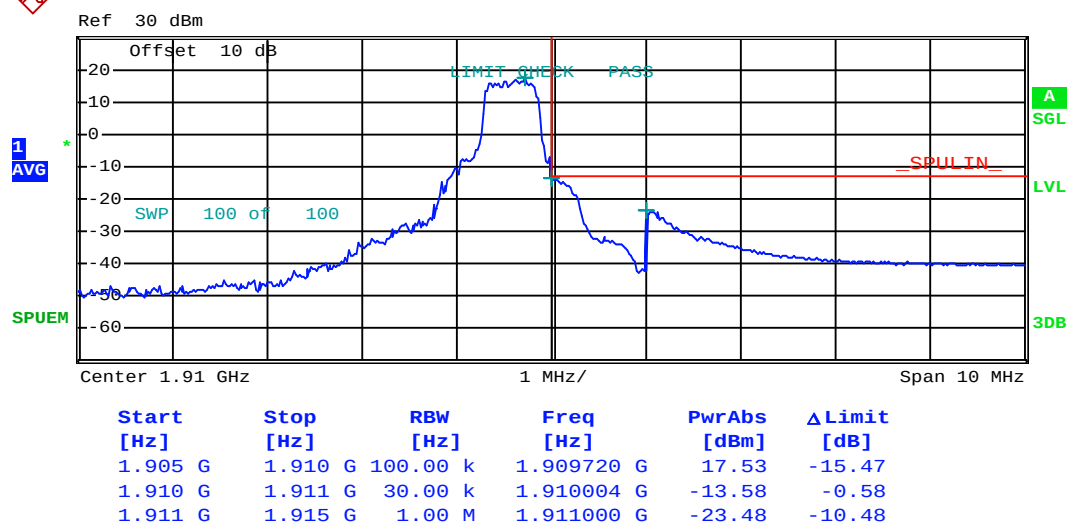


Highest channel

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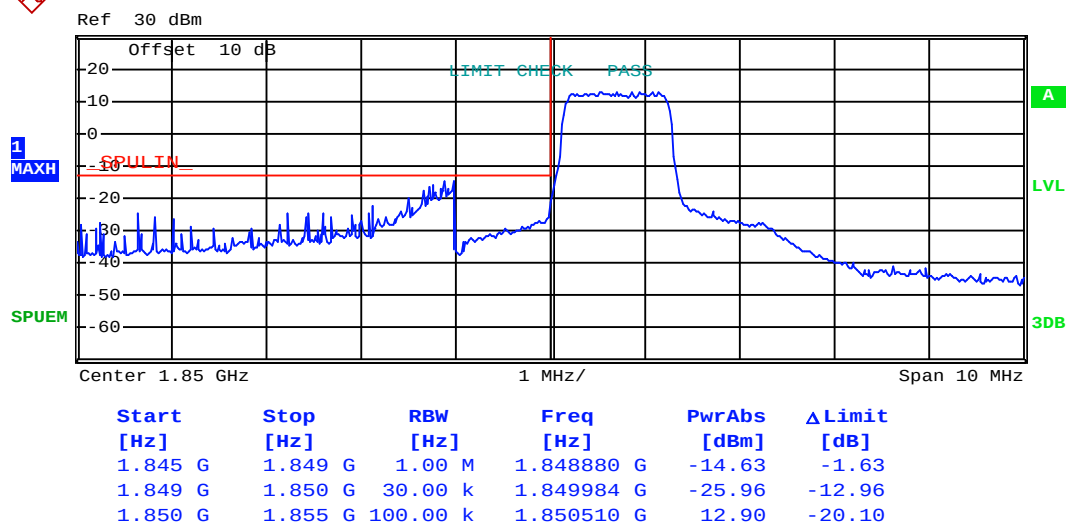
Lowest channel



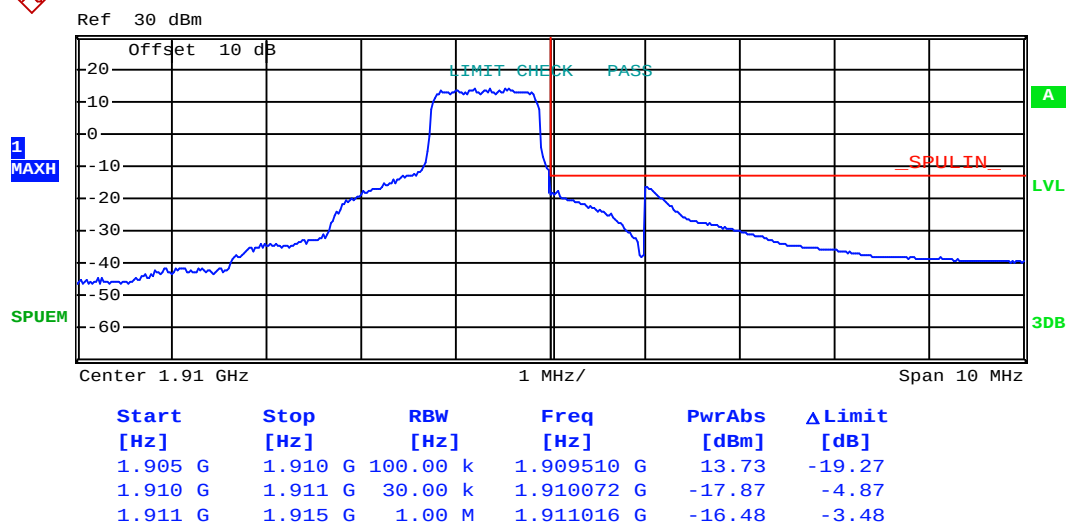
Highest channel

Test Mode:

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



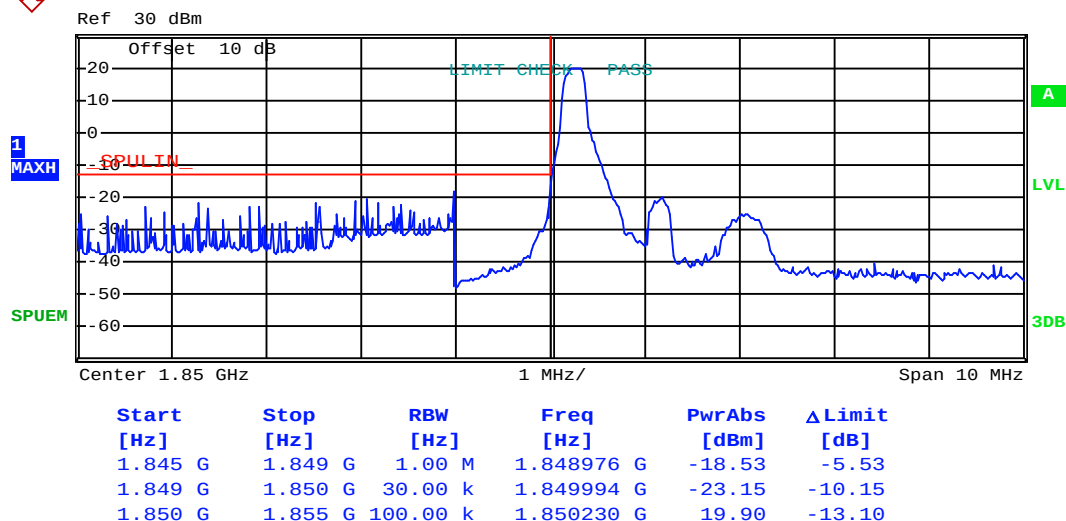
Lowest channel



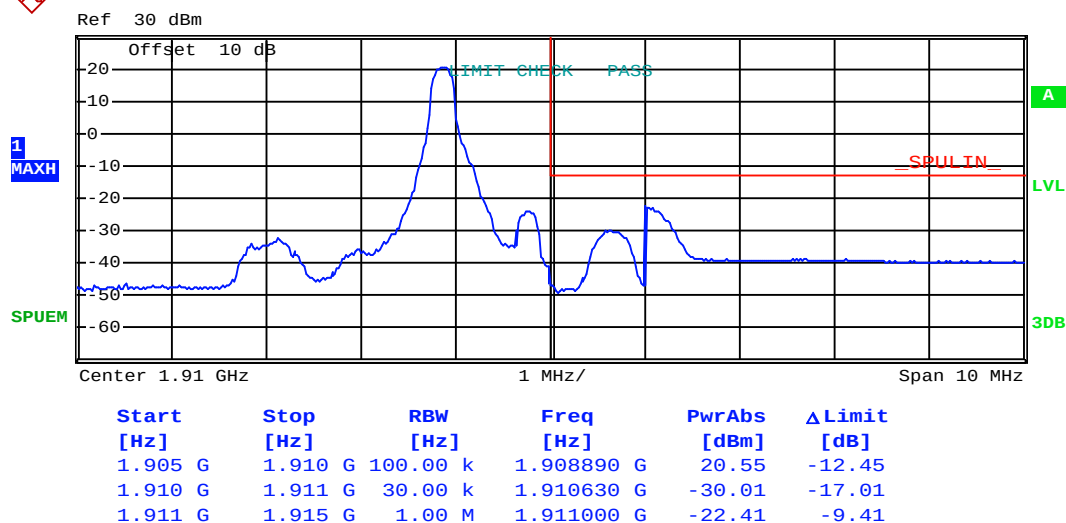
Highest channel

Test Mode:

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

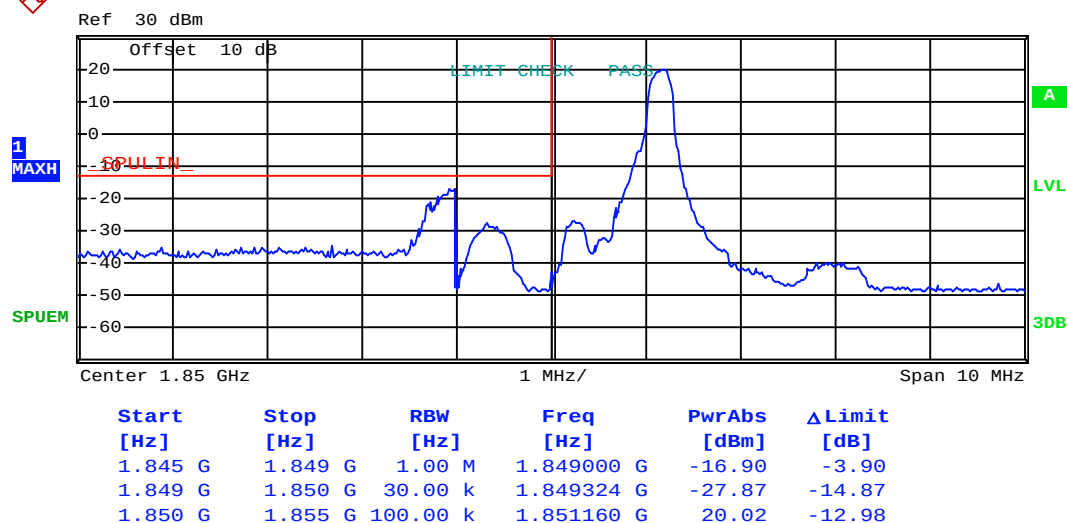


Lowest channel

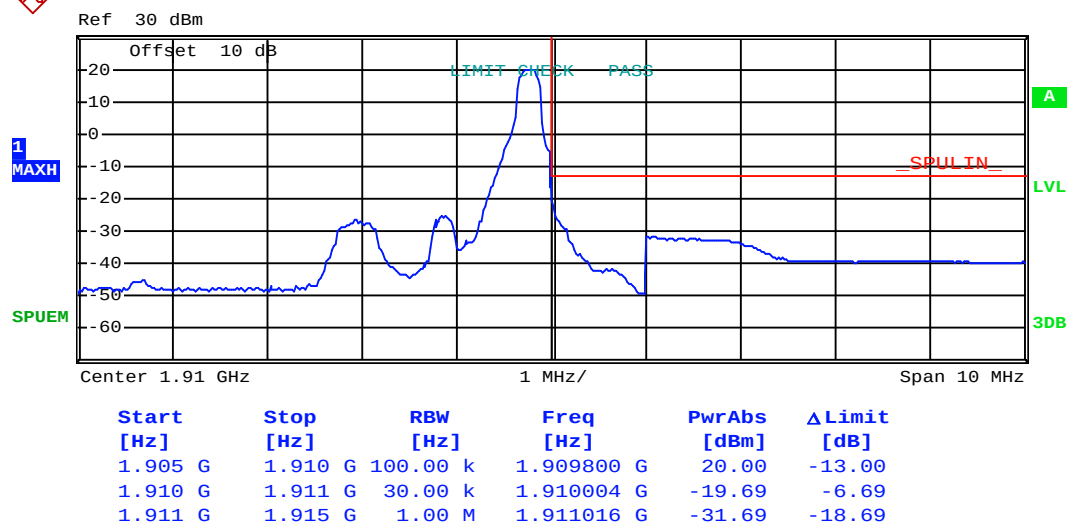


Highest channel

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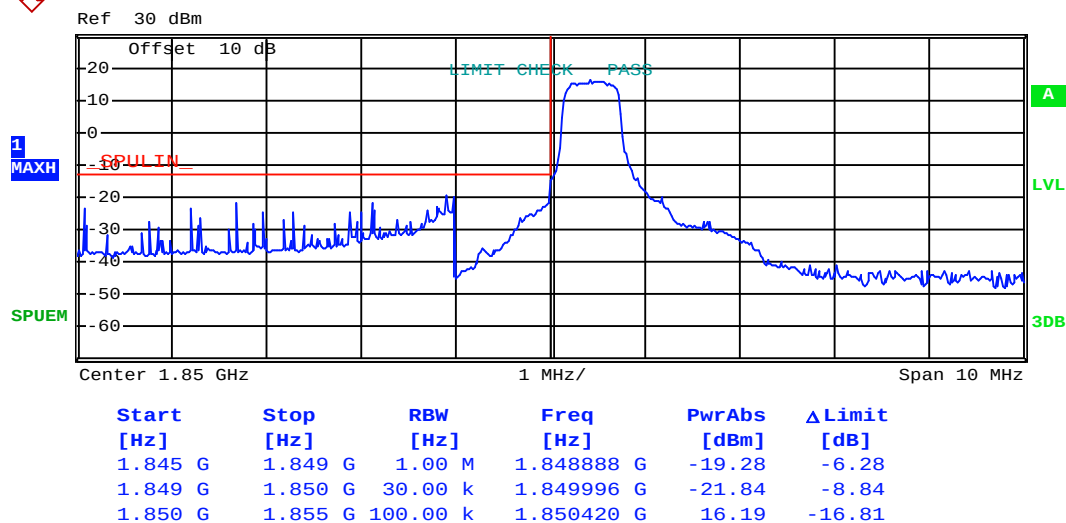
Lowest channel



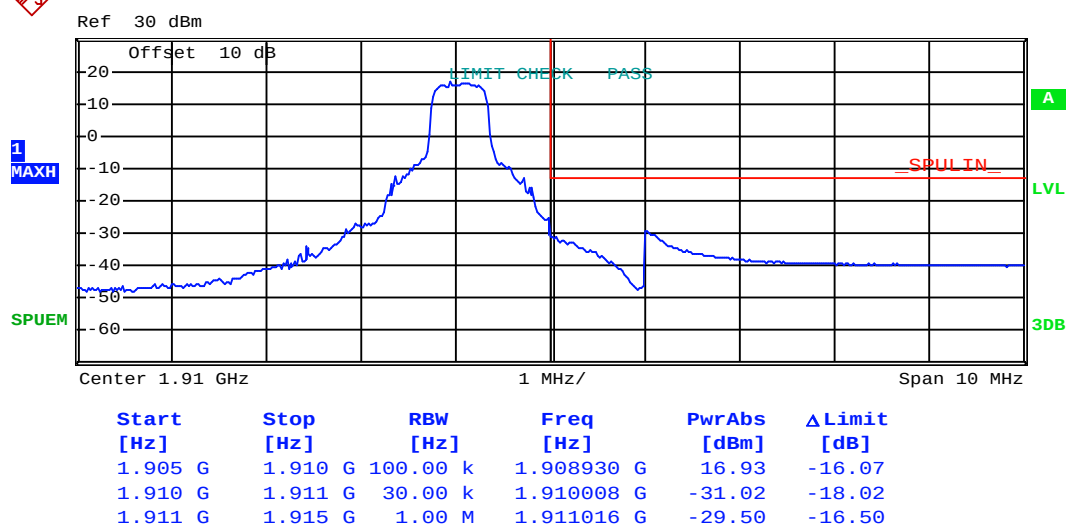
Highest channel

Test Mode:

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



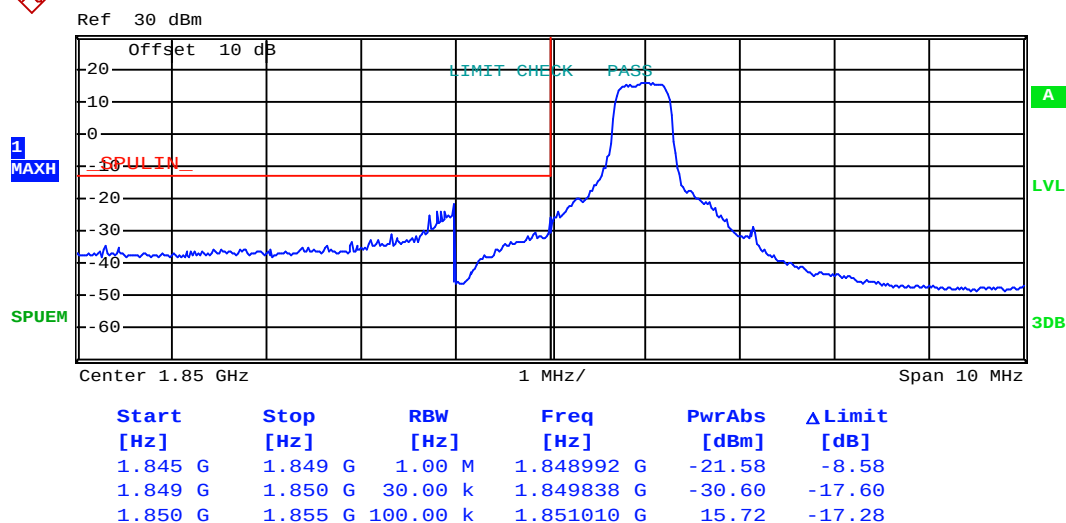
Lowest channel



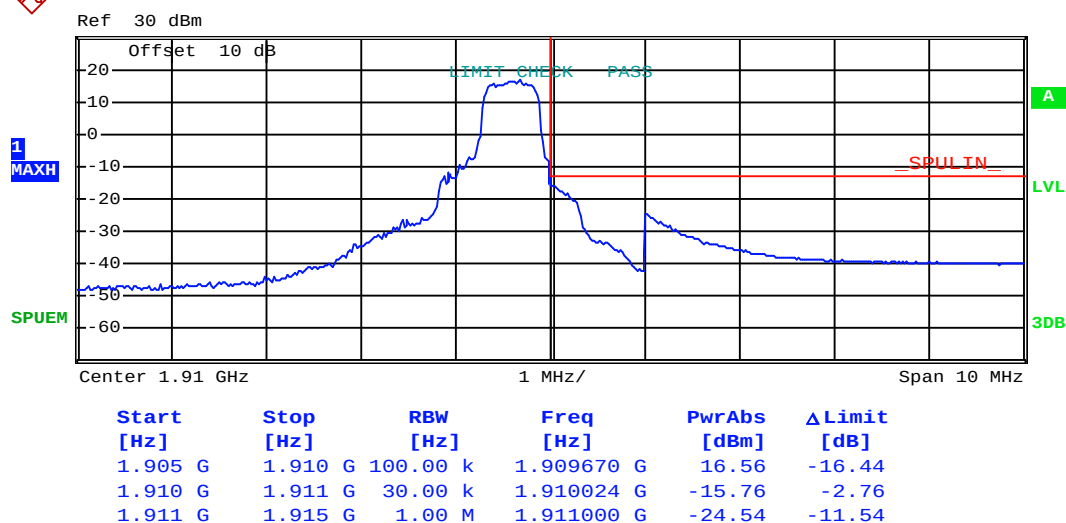
Highest channel

Test Mode:

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



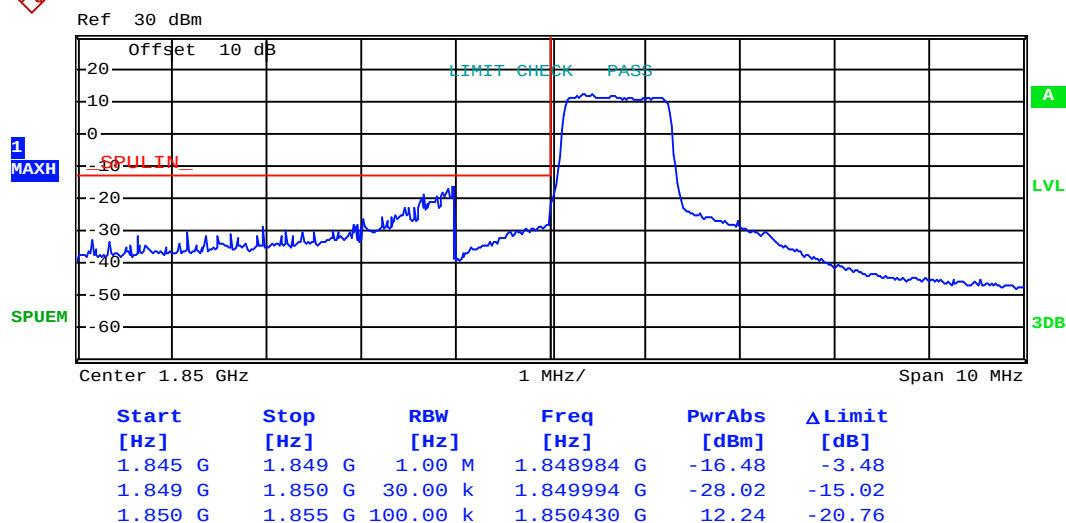
Lowest channel



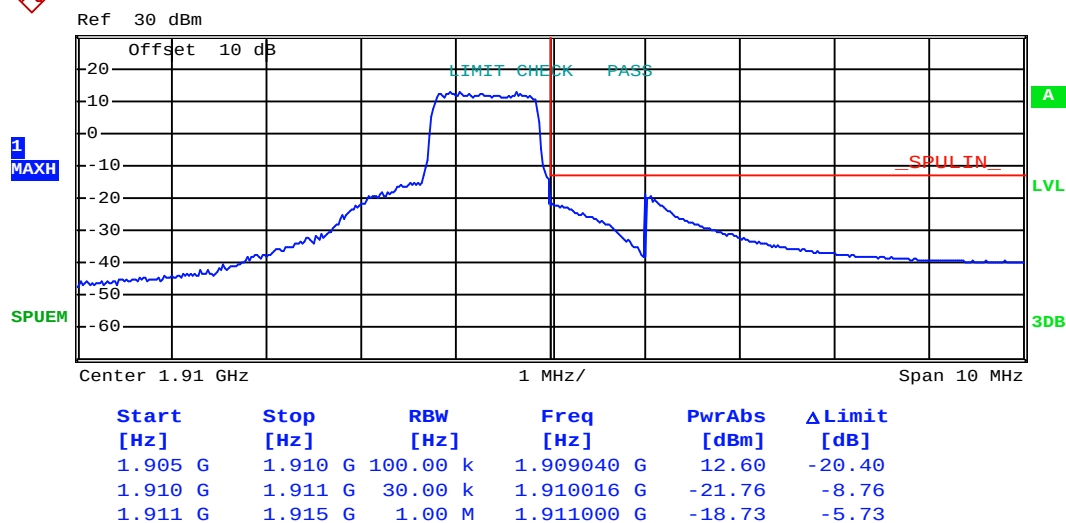
Highest channel

Test Mode:

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



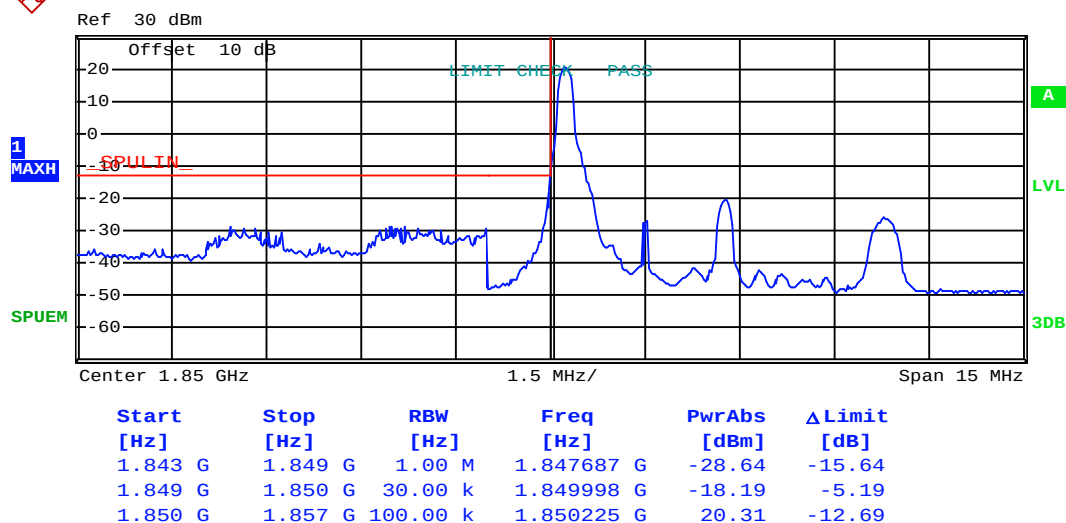
Lowest channel



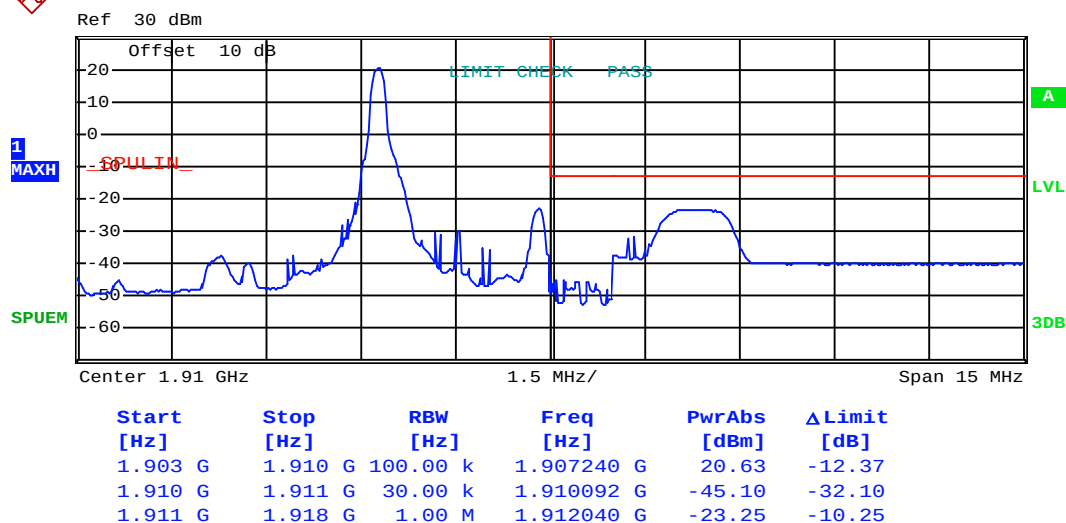
Highest channel

3MHz:

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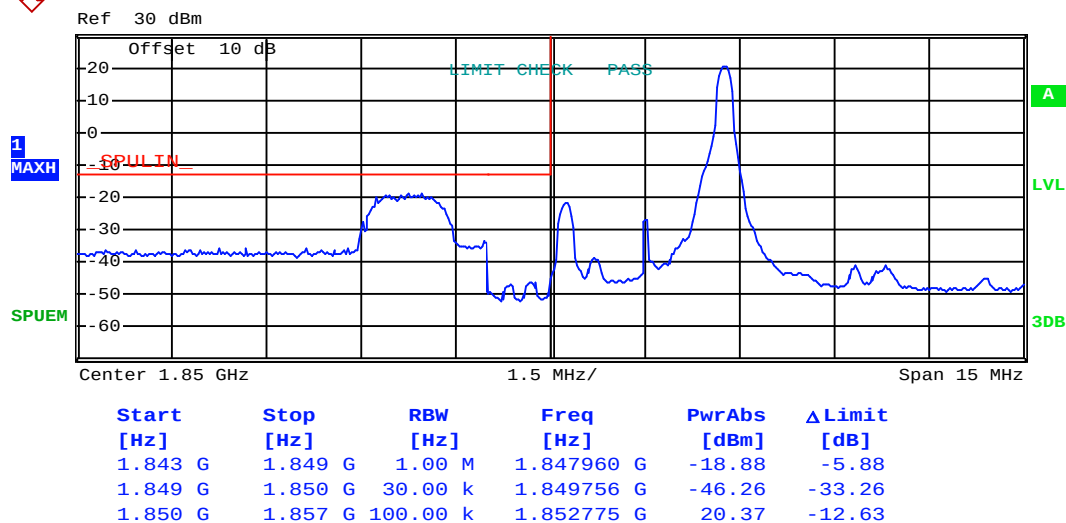
Lowest channel



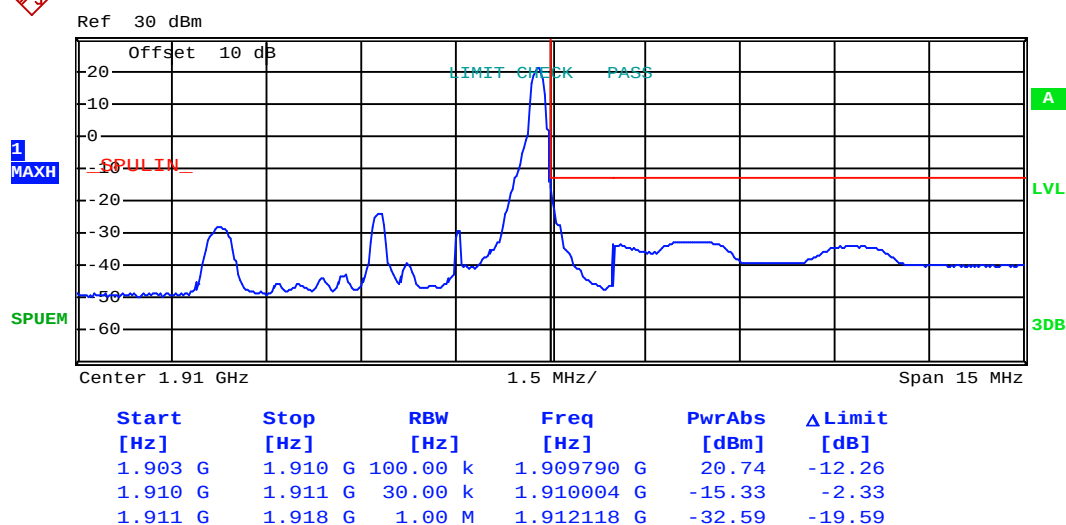
Highest channel

Test Mode:

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



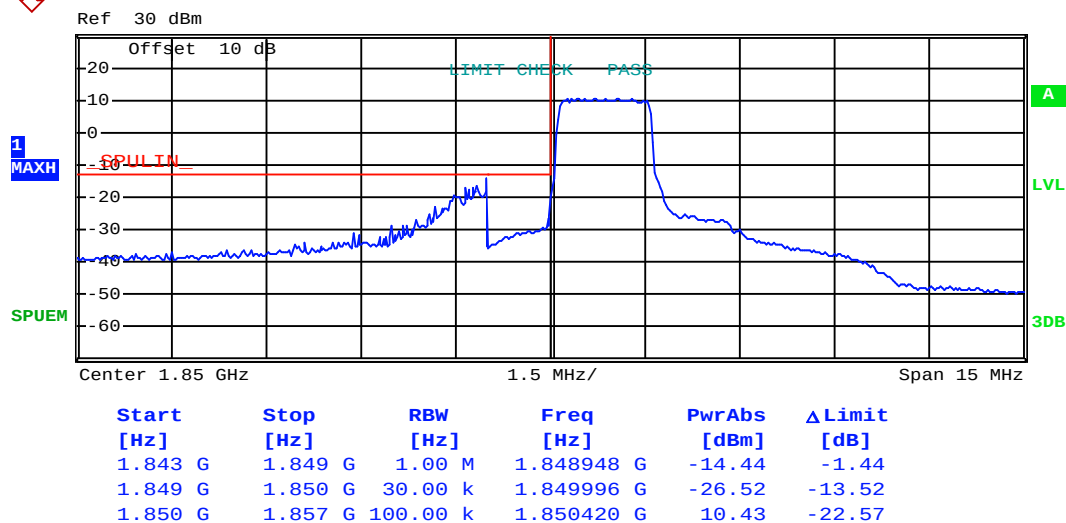
Lowest channel



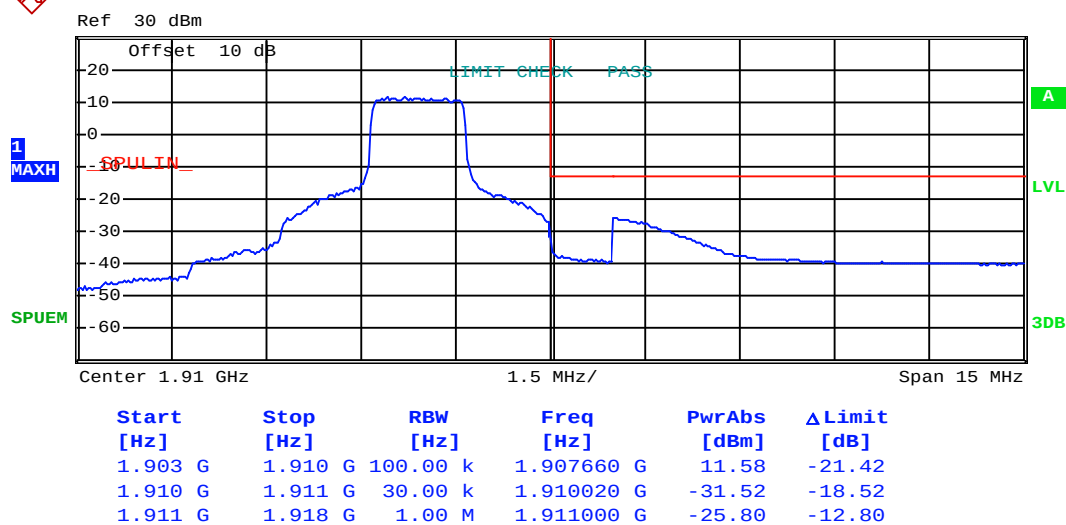
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 8 & RB Offset 0)



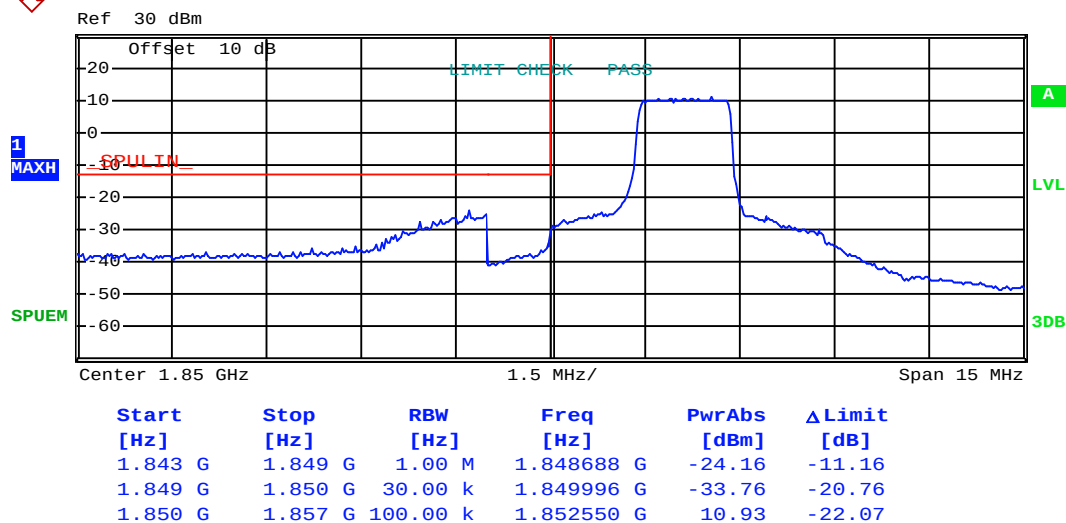
Lowest channel



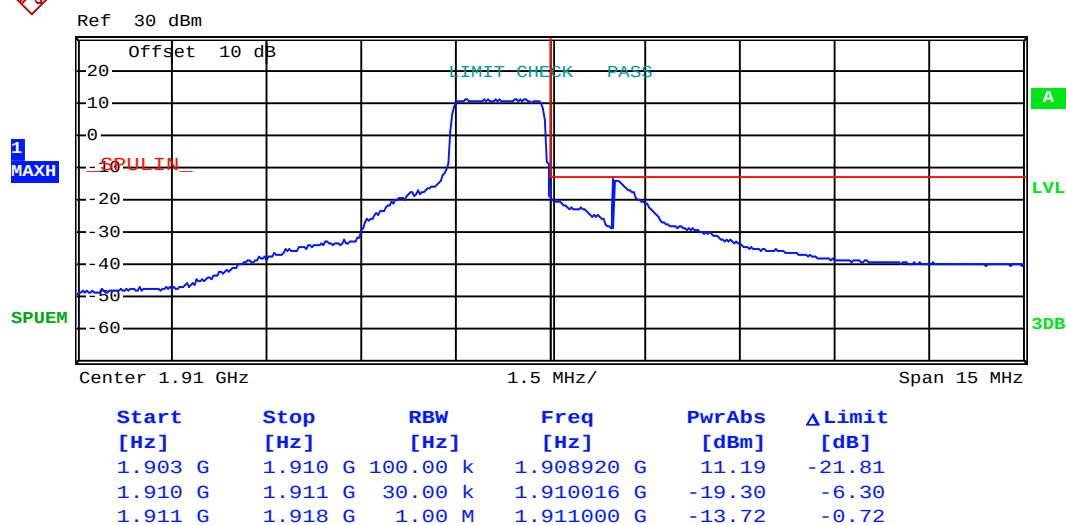
Highest channel

Test Mode:

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

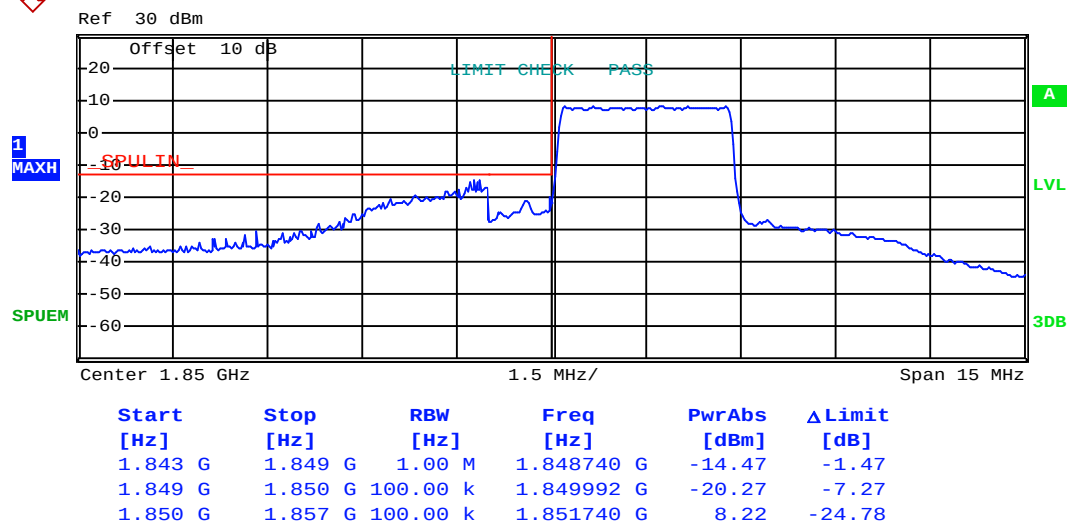


Lowest channel

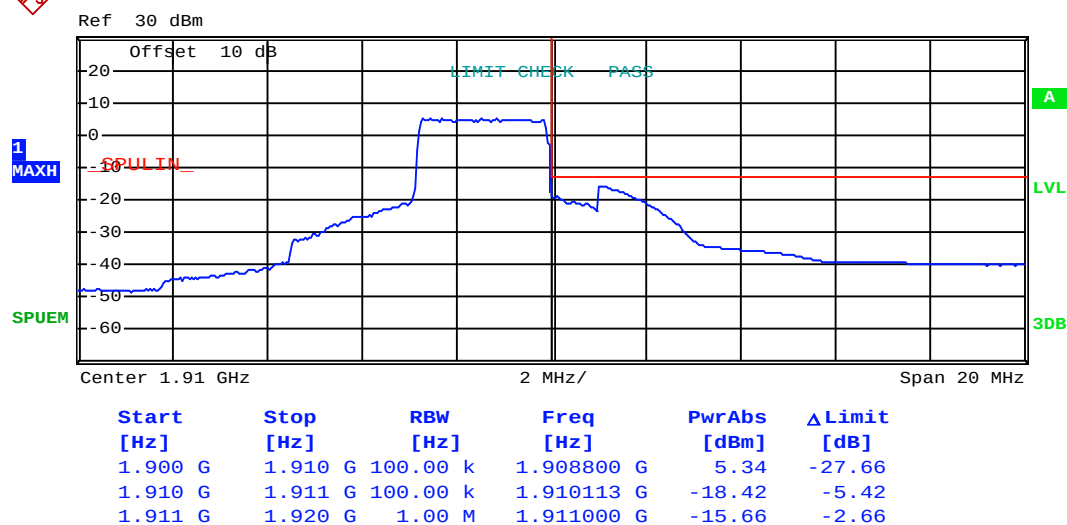


Highest channel

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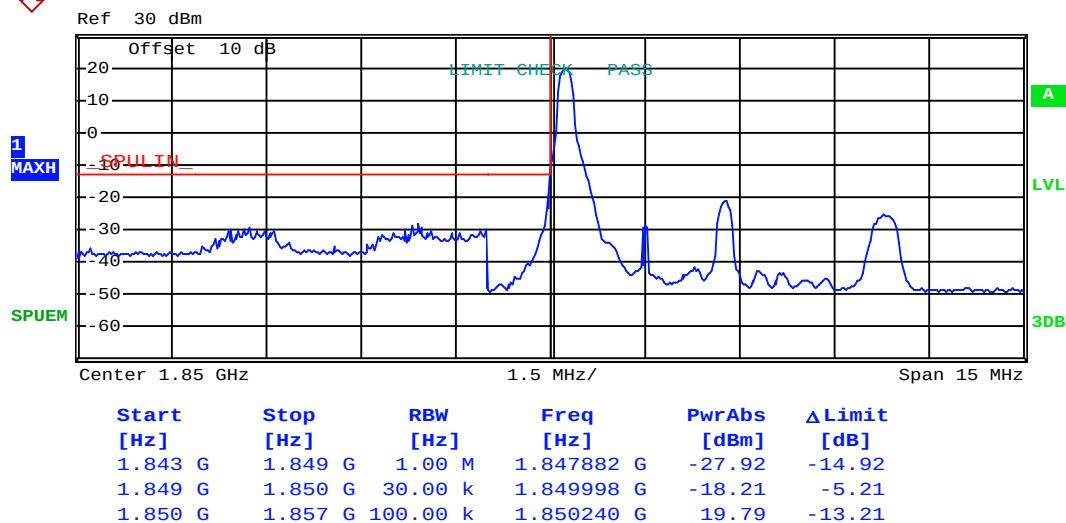
Lowest channel



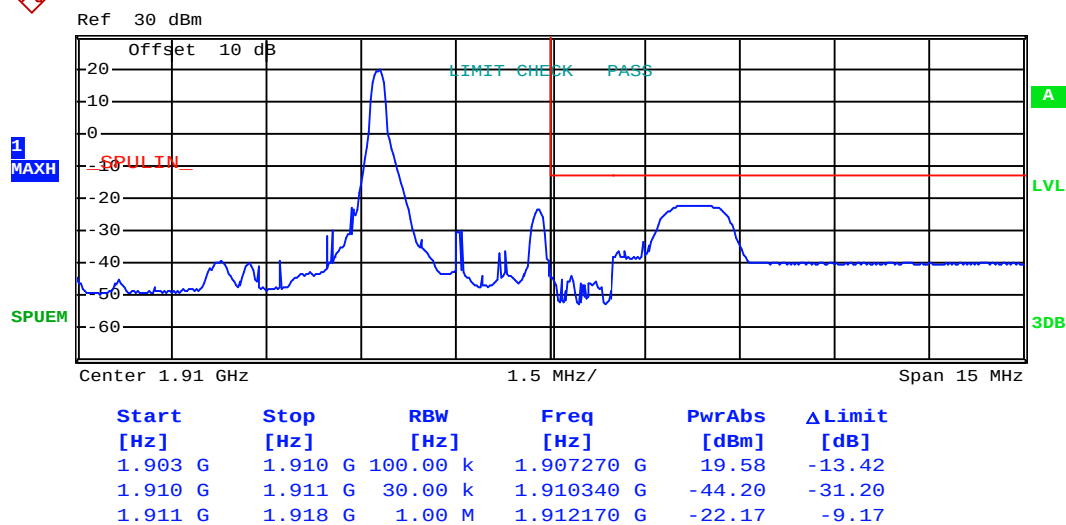
Highest channel

Test Mode:

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

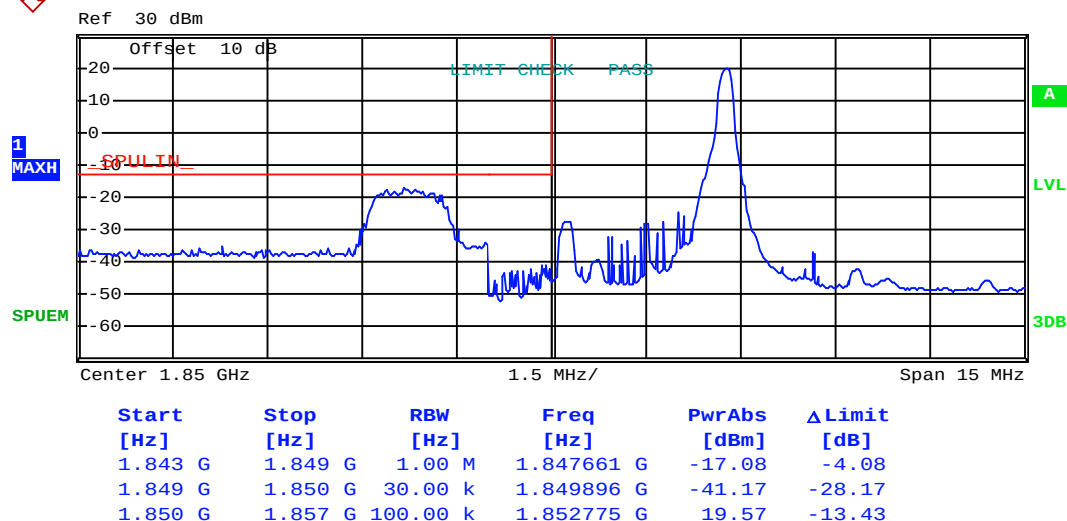


Lowest channel

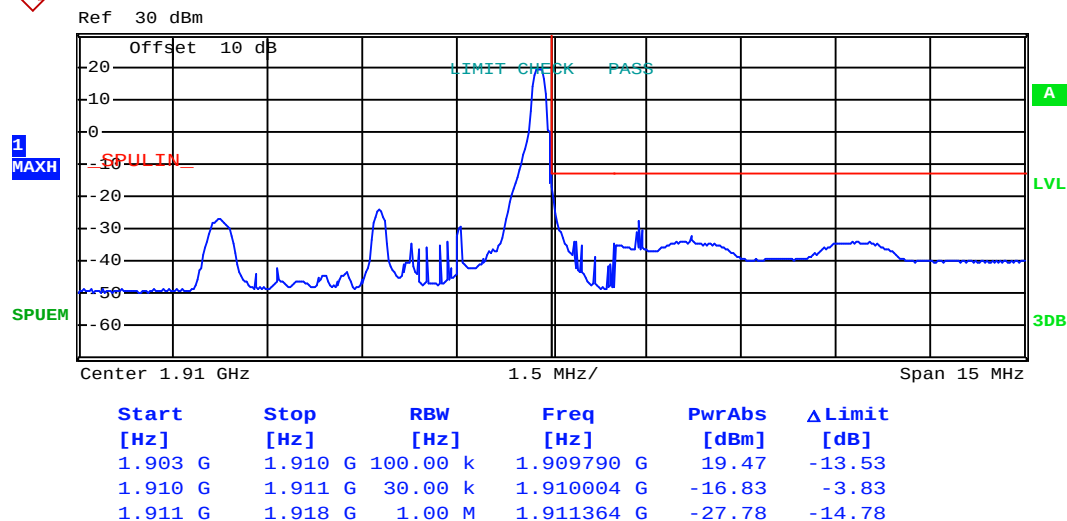


Highest channel

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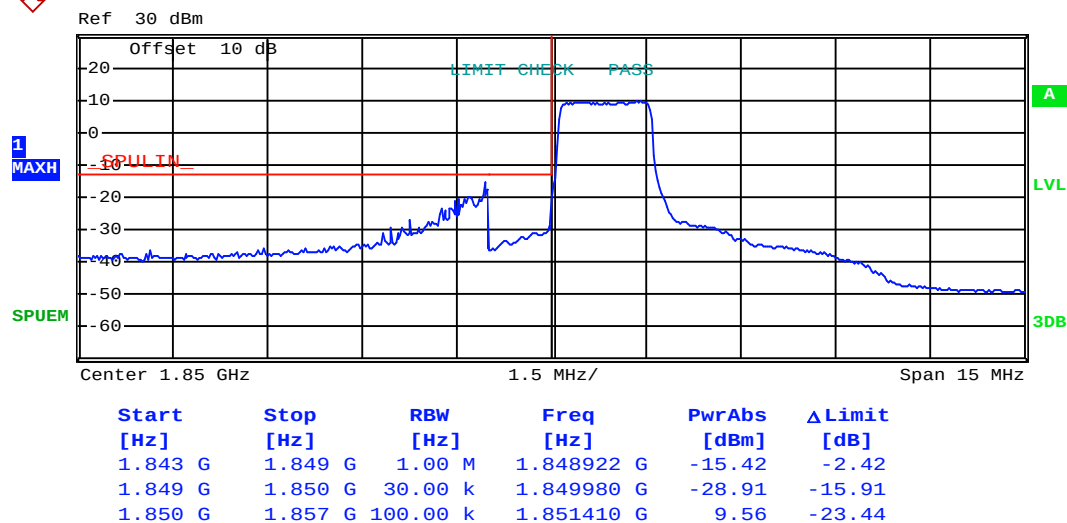


Lowest channel

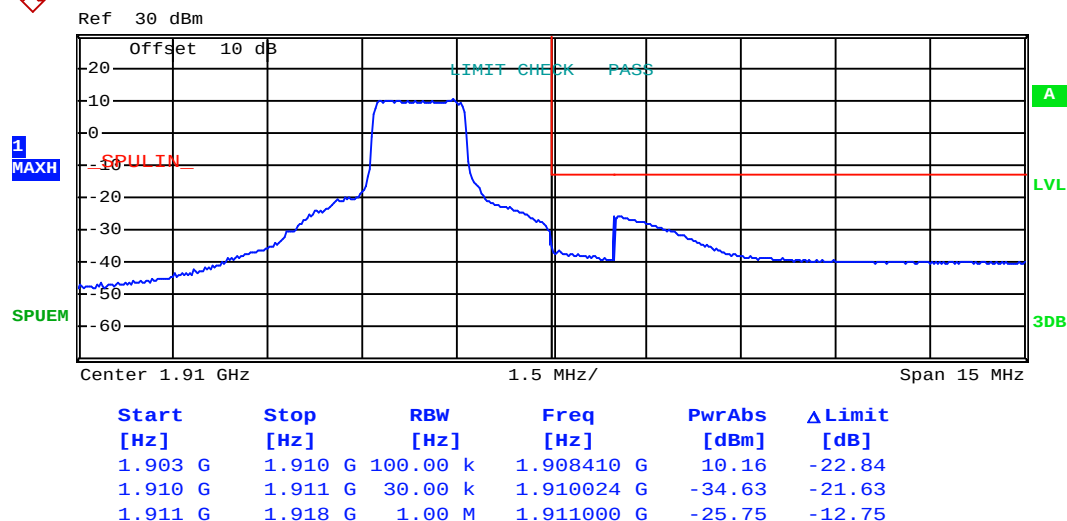


Highest channel

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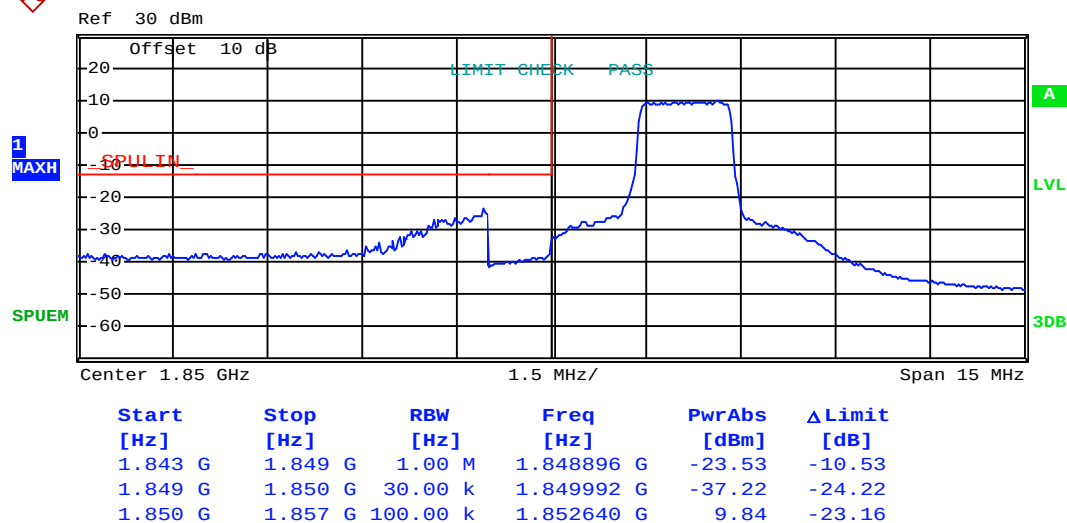


Lowest channel

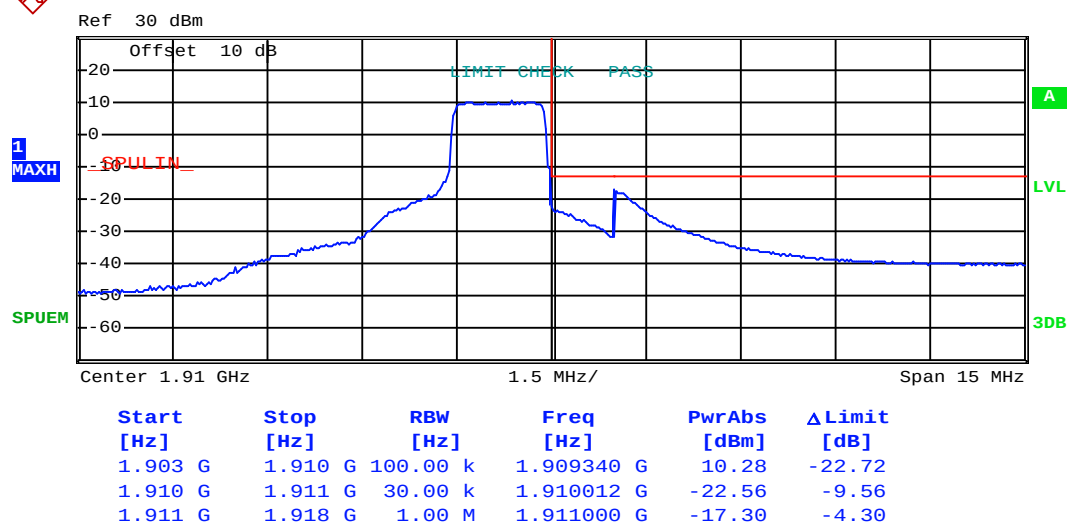


Highest channel

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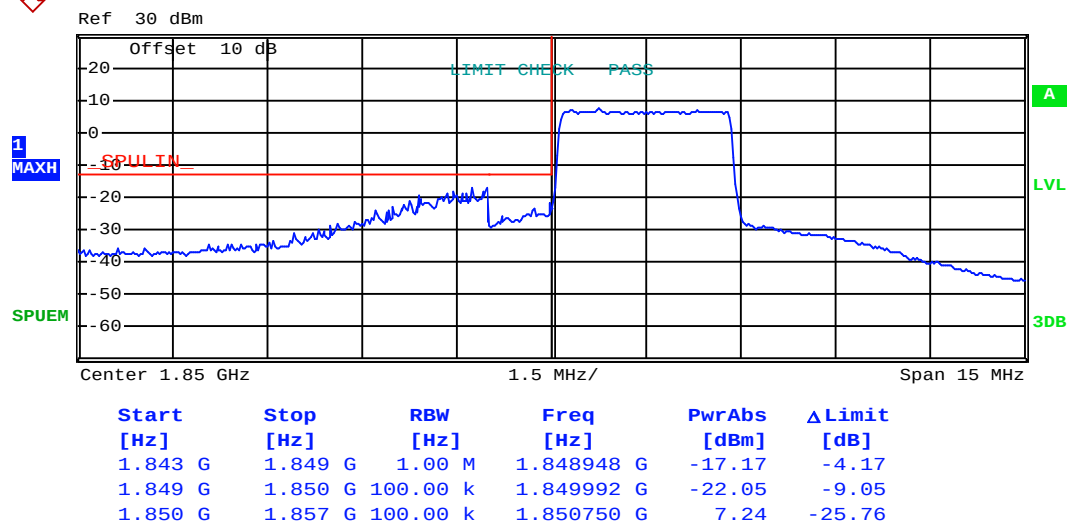


Lowest channel

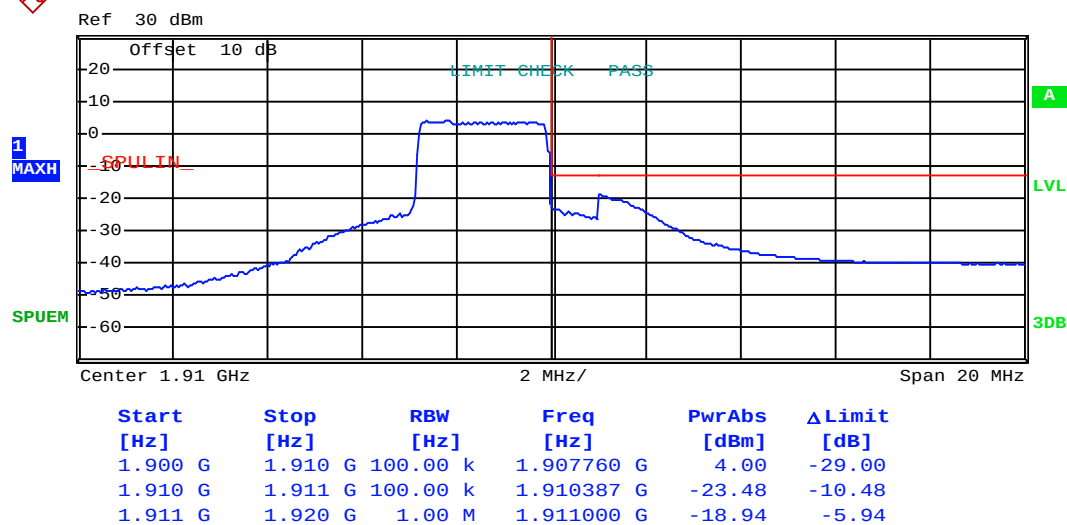


Highest channel

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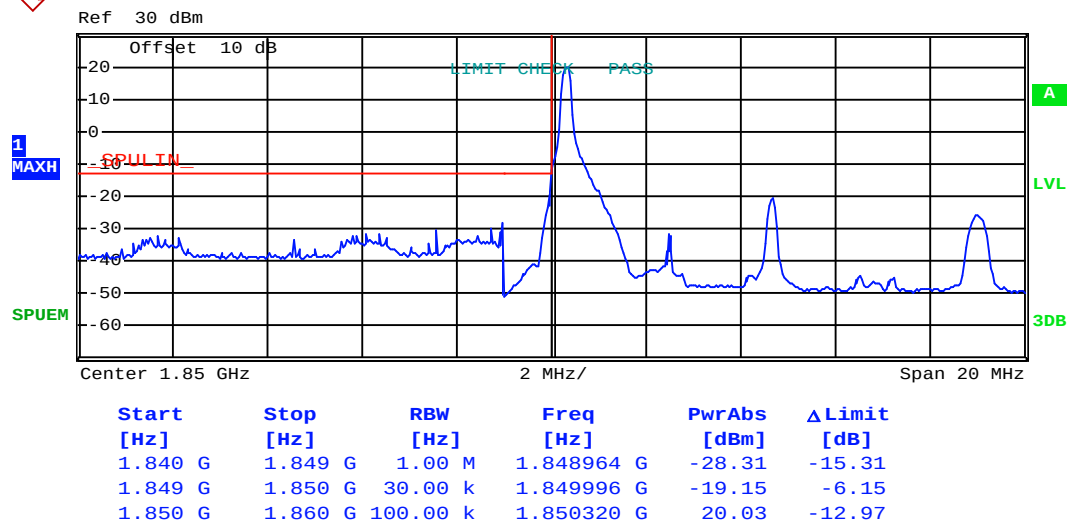
Lowest channel



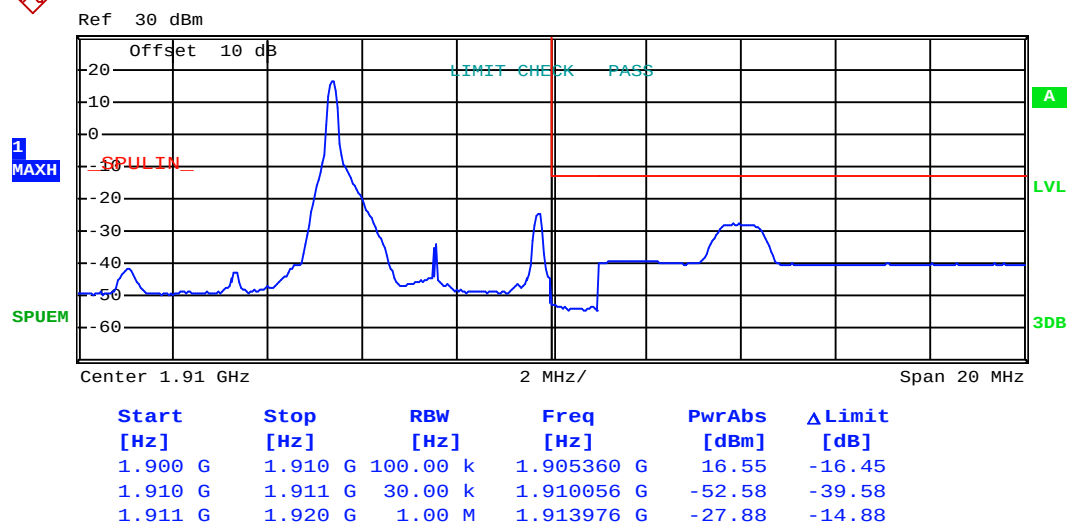
Highest channel

5MHz:

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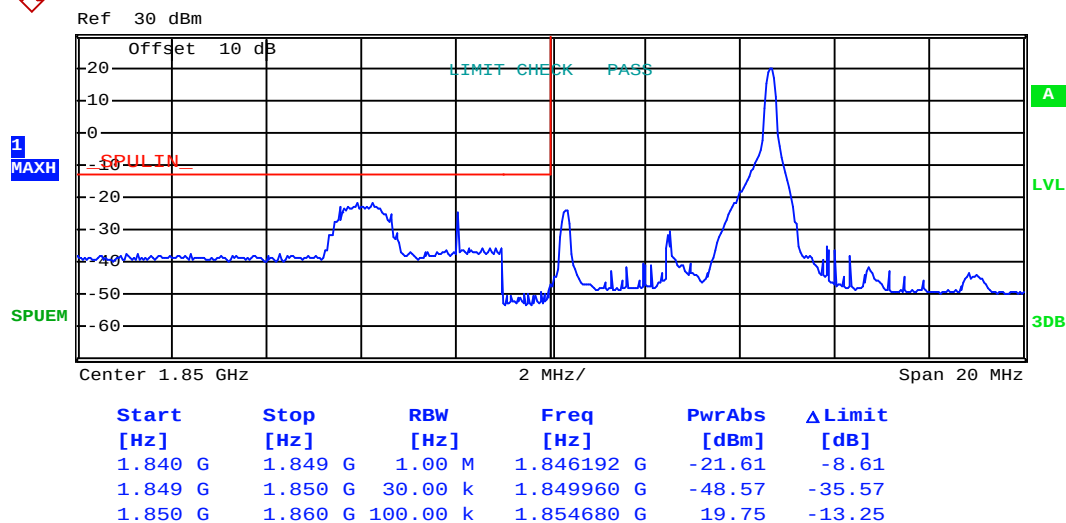
Lowest channel



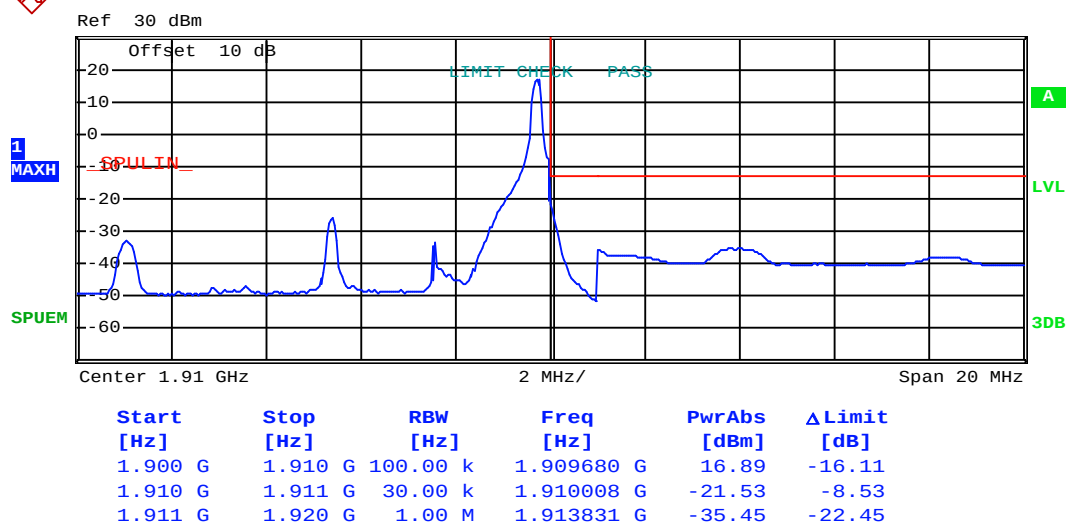
Highest channel

Test Mode:

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



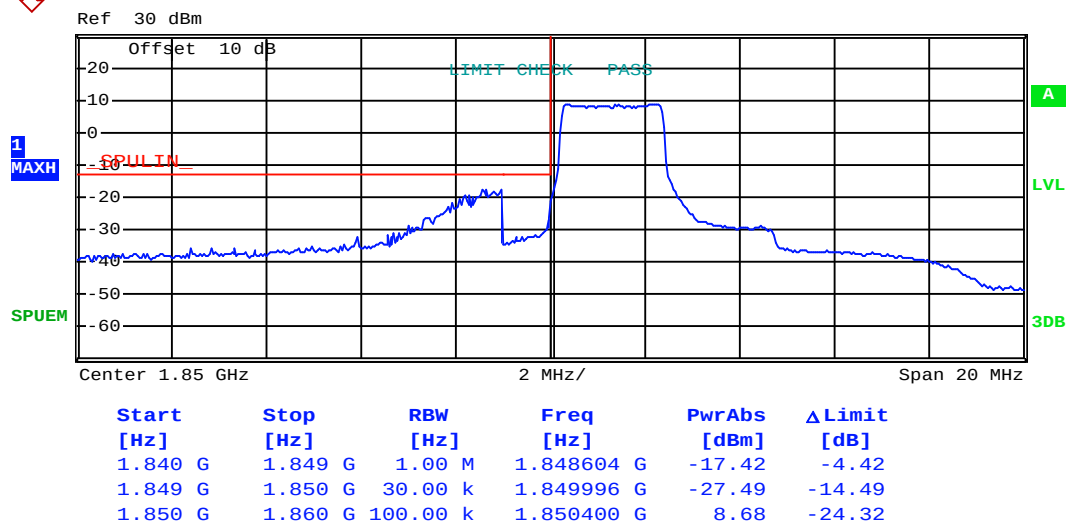
Lowest channel



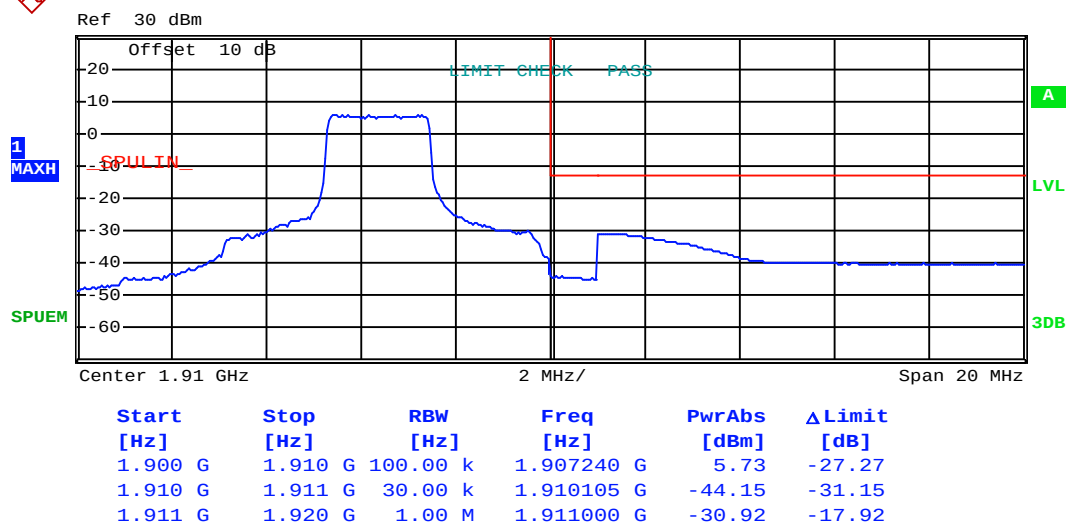
Highest channel

Test Mode:

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

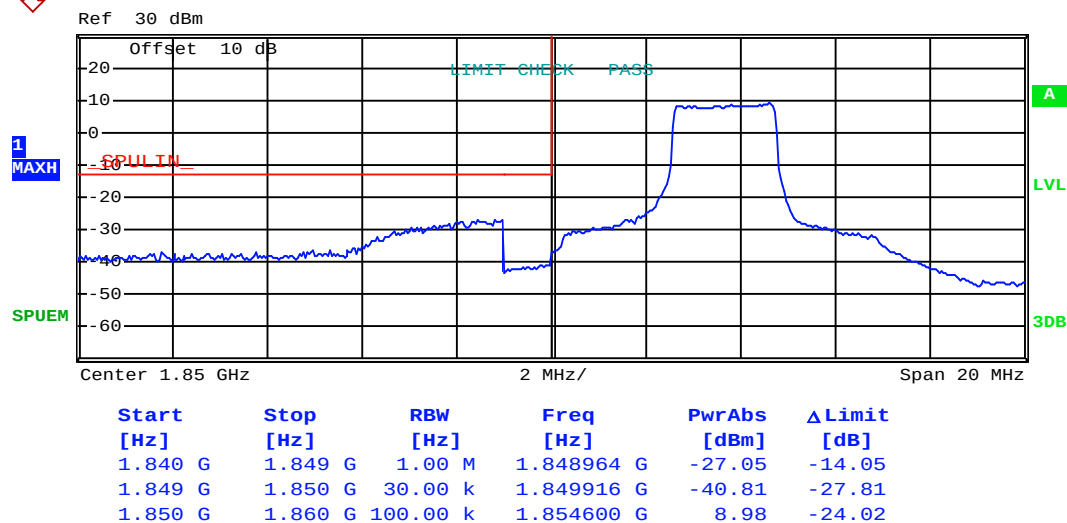


Lowest channel

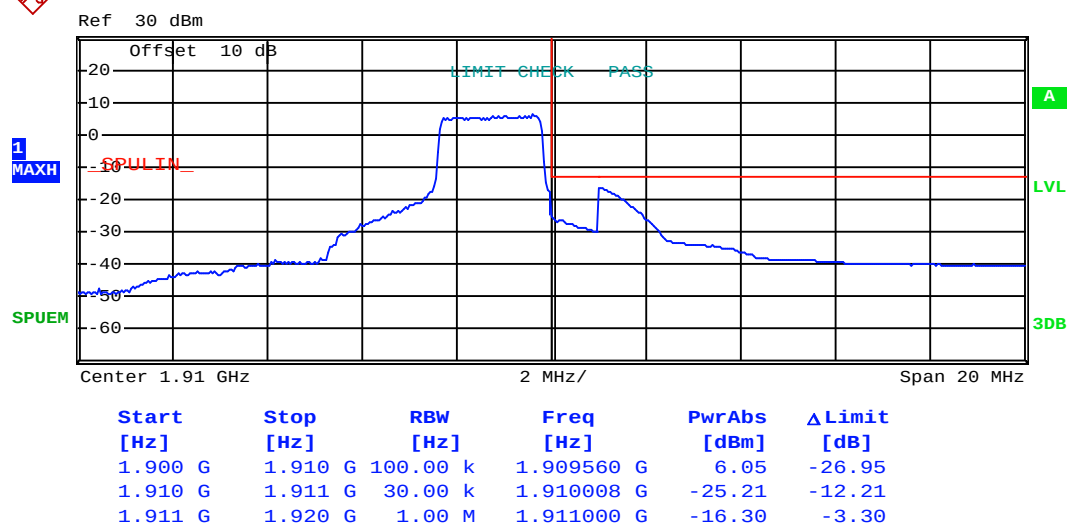


Highest channel

Test Mode:	LTE band 2(QPSK RB Size 12 & RB Offset 11)
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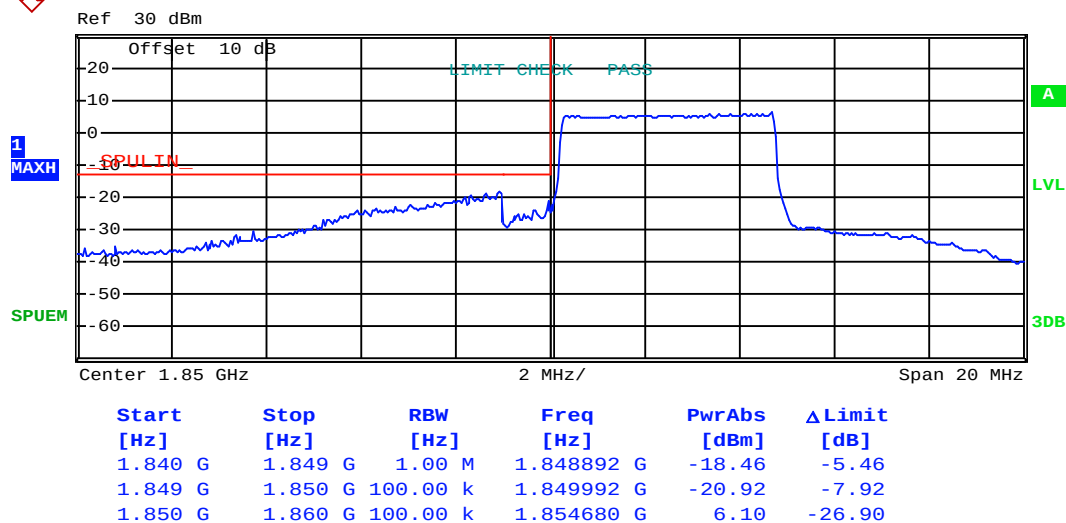
Lowest channel



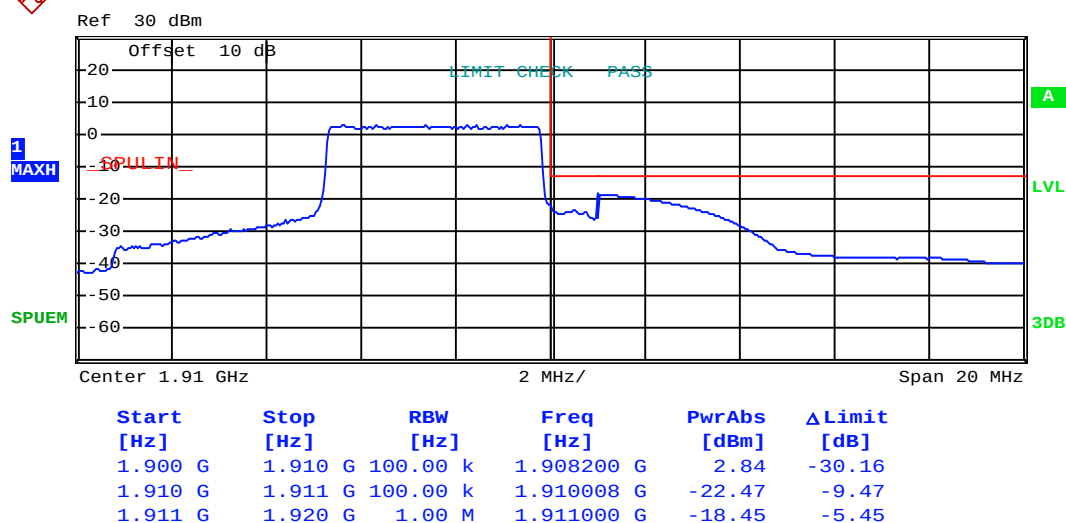
Highest channel

Test Mode:

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



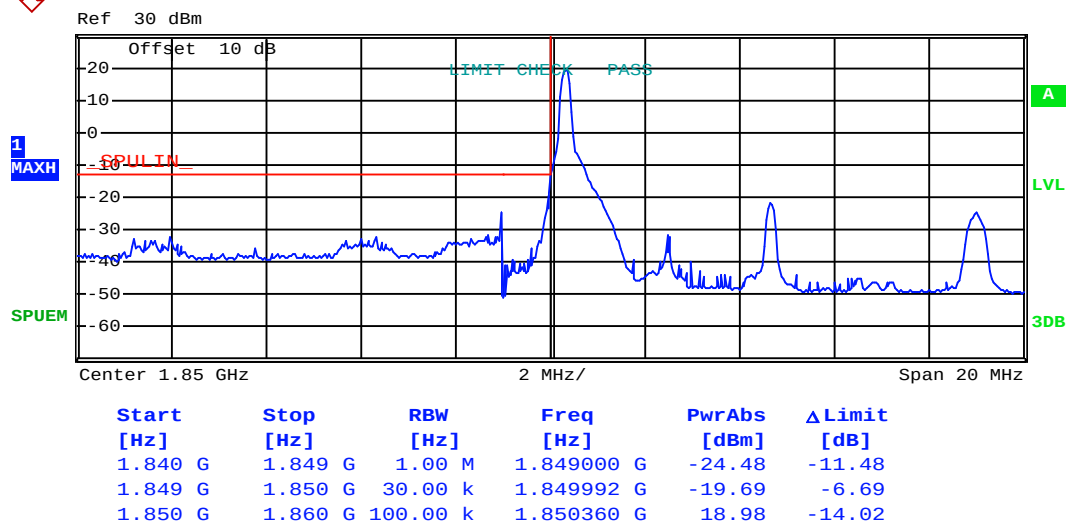
Lowest channel



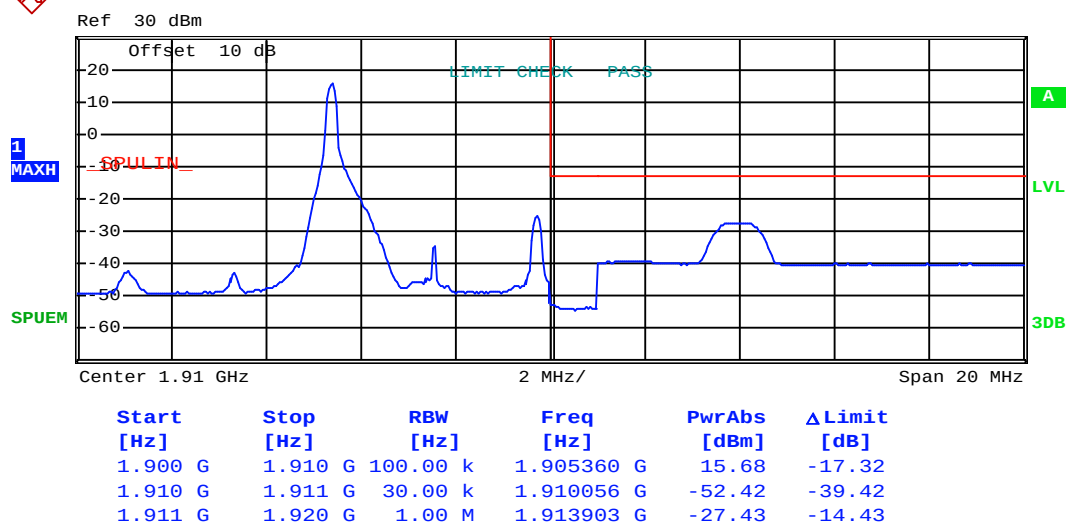
Highest channel

Test Mode:

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



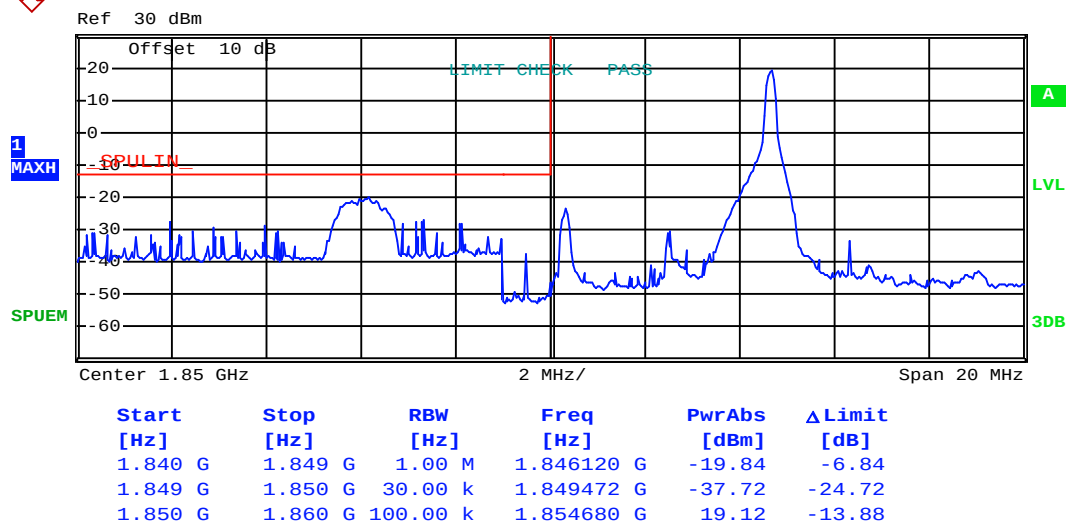
Lowest channel



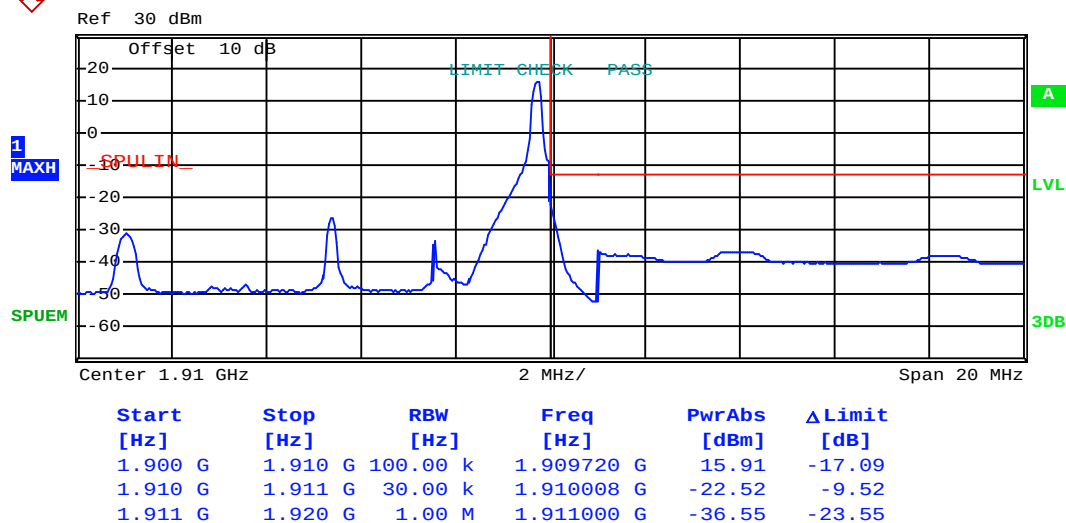
Highest channel

Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 24)



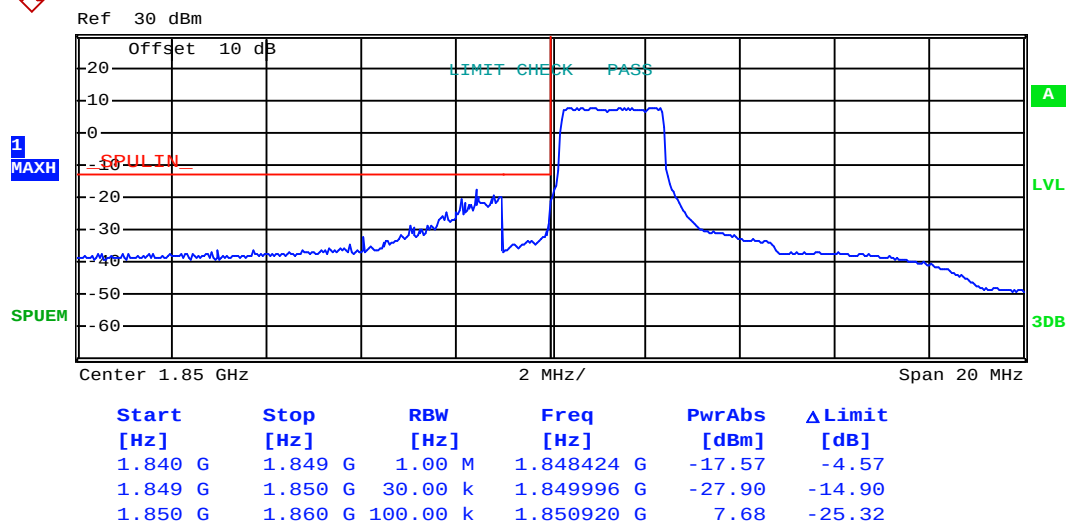
Lowest channel



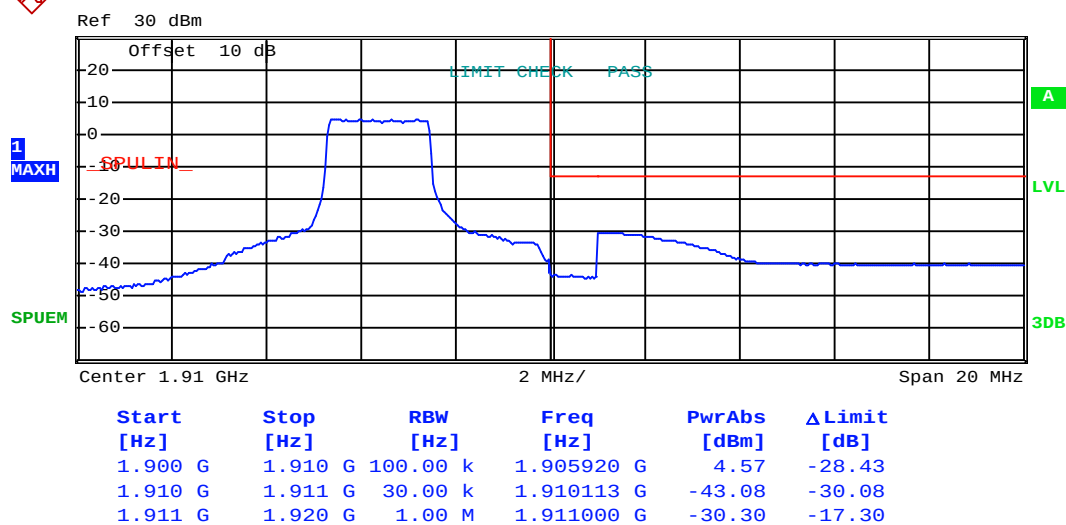
Highest channel

Test Mode:

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



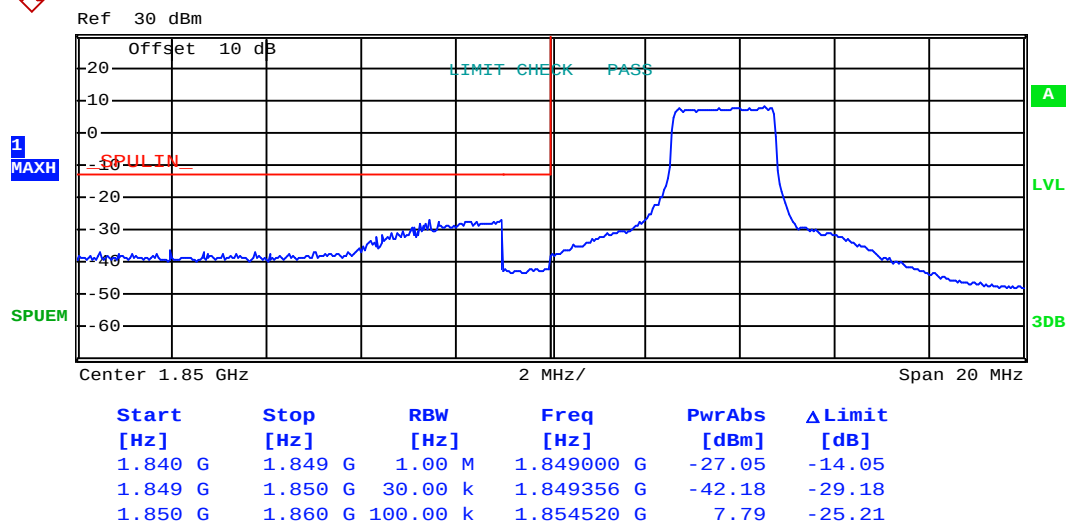
Lowest channel



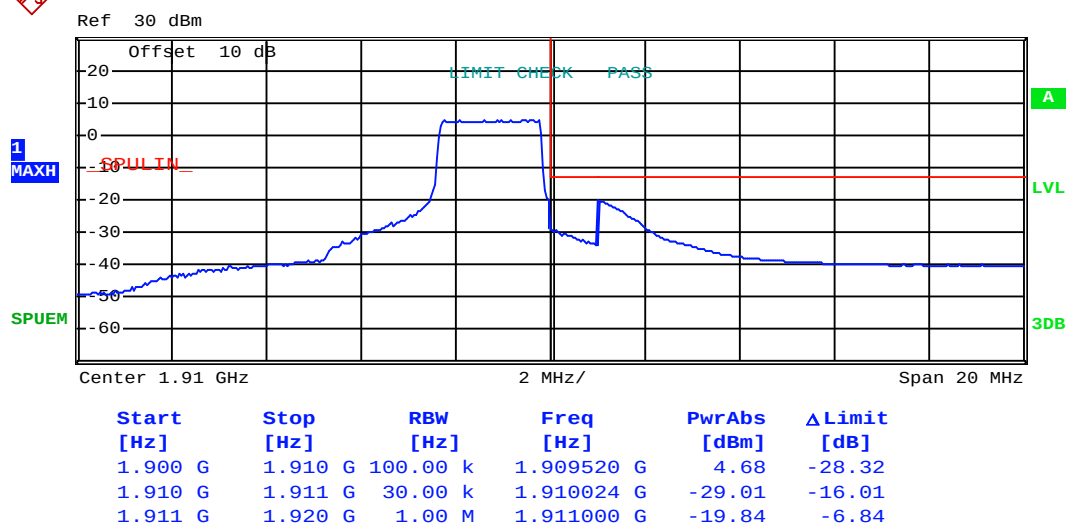
Highest channel

Test Mode:

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



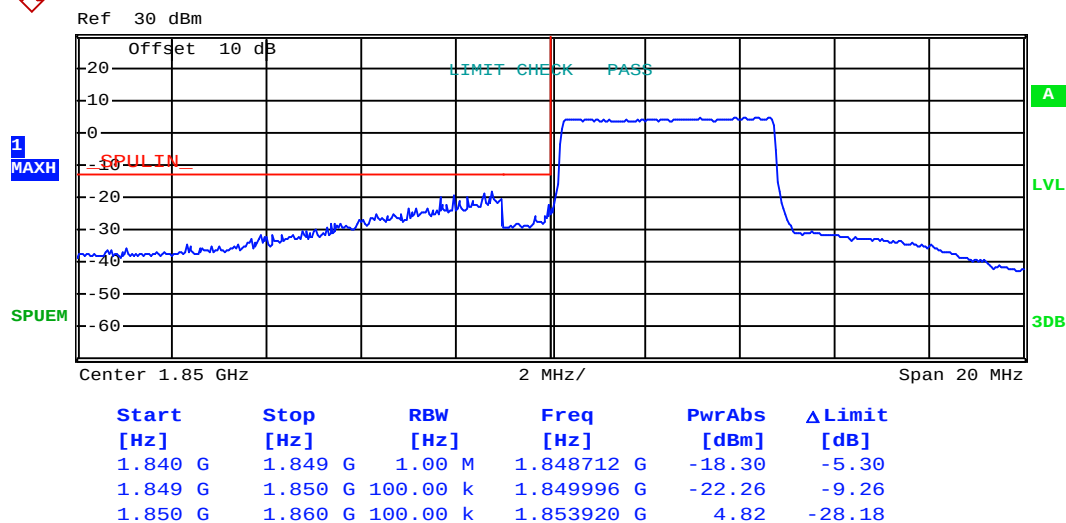
Lowest channel



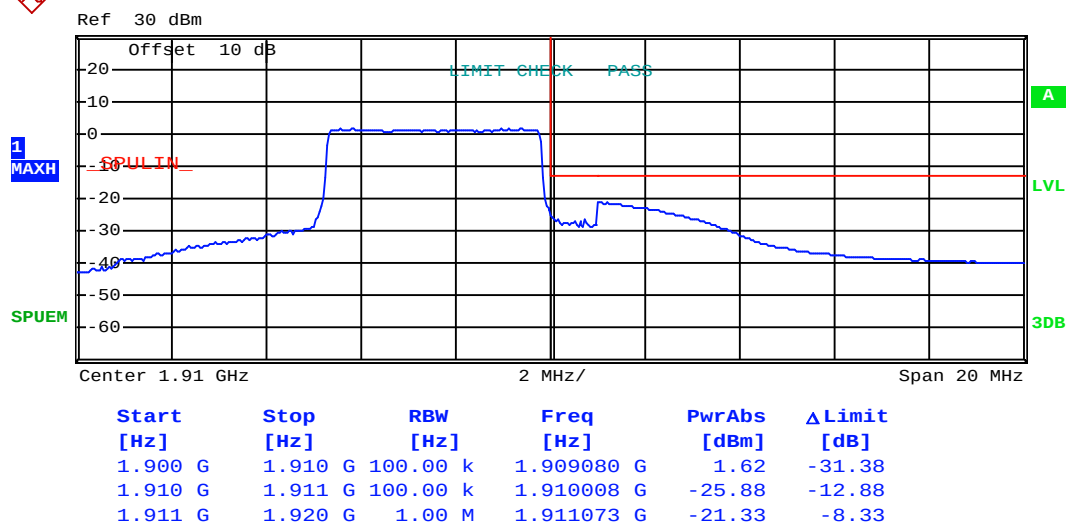
Highest channel

Test Mode:

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



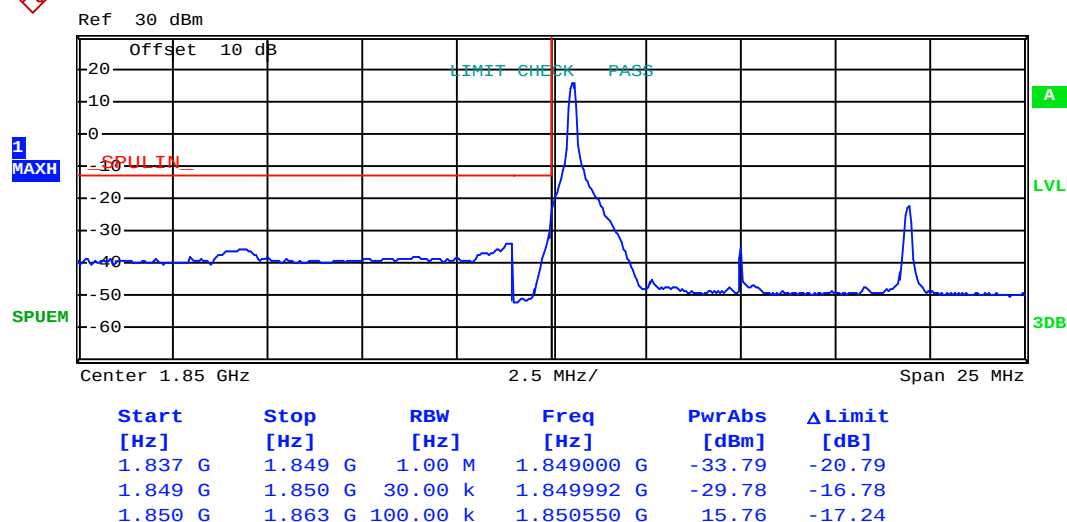
Lowest channel



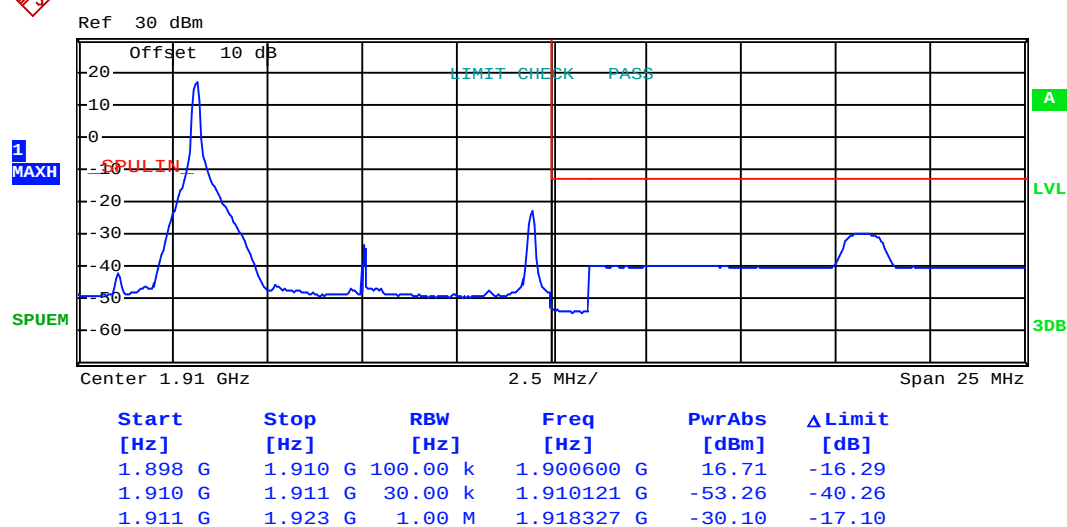
Highest channel

10MHz:

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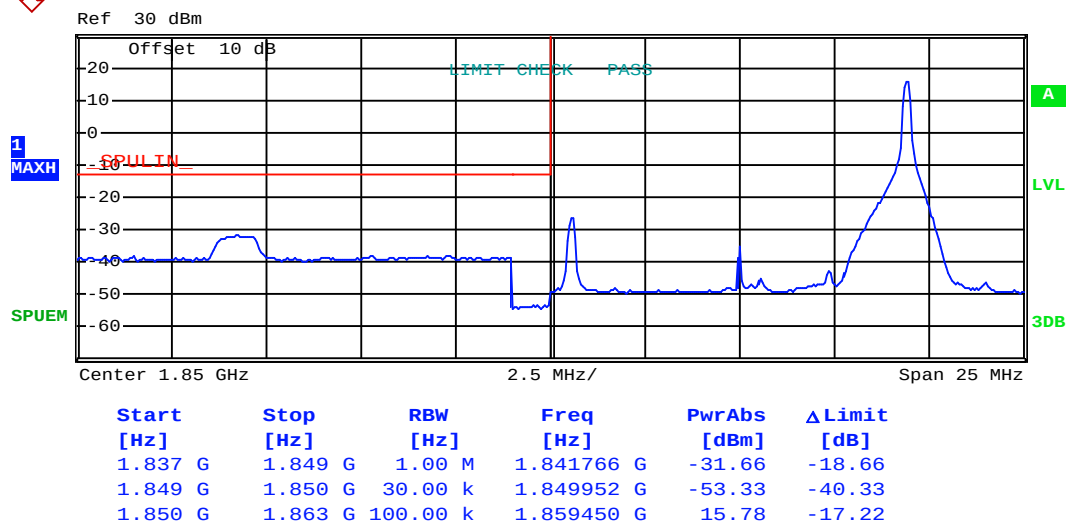
Lowest channel



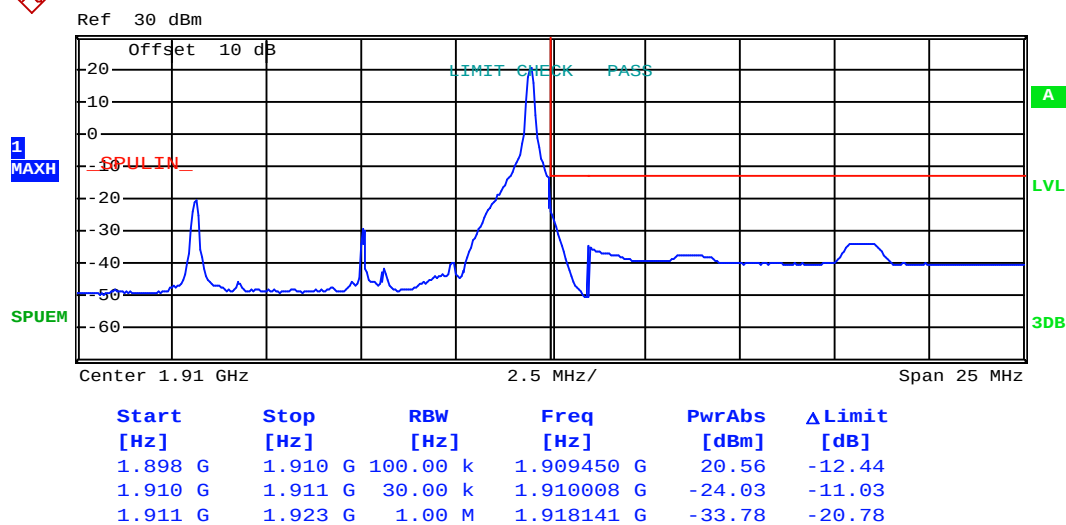
Highest channel

Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 49)



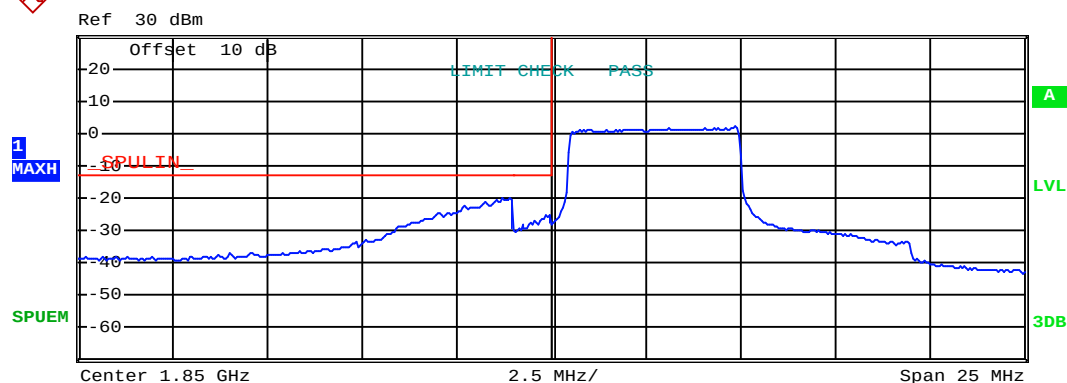
Lowest channel



Highest channel

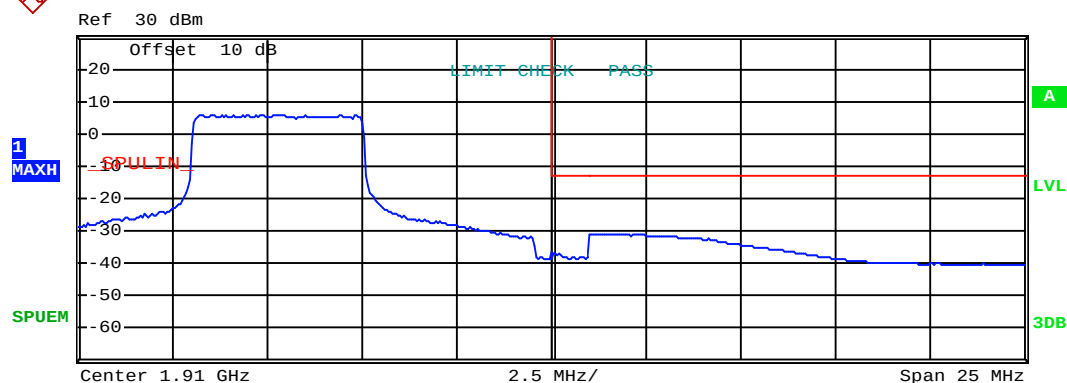
Test Mode:

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	1.848722 G	-19.87	-6.87
1.849 G	1.850 G	100.00 k	1.849935 G	-25.14	-12.14
1.850 G	1.863 G	100.00 k	1.854850 G	1.97	-31.03

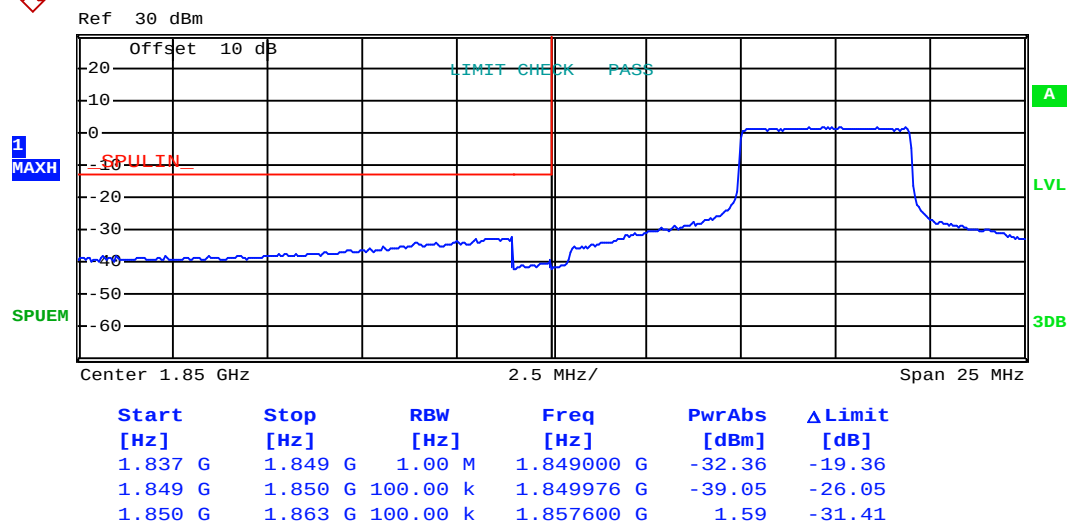
Lowest channel



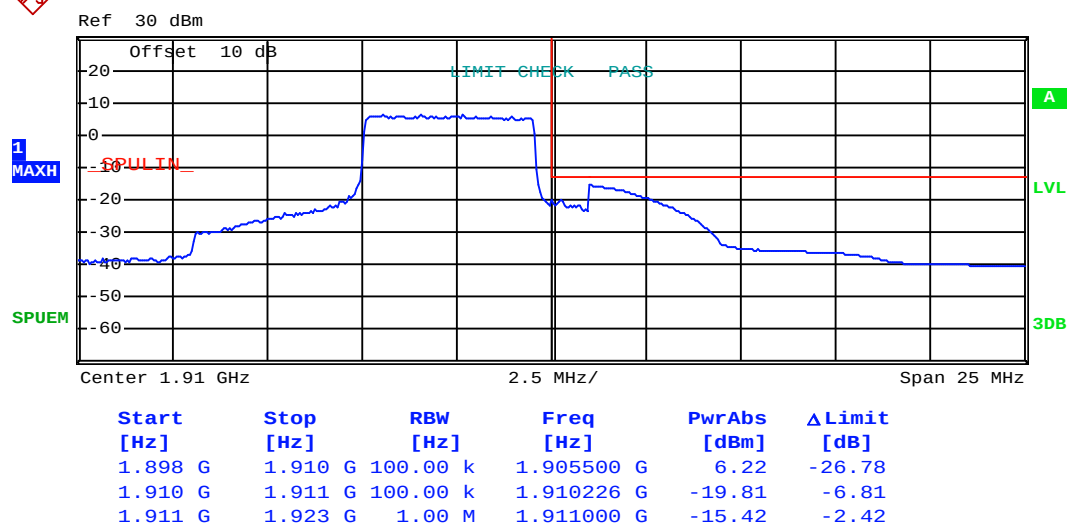
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.901900 G	5.76	-27.24
1.910 G	1.911 G	100.00 k	1.910016 G	-36.30	-23.30
1.911 G	1.923 G	1.00 M	1.911000 G	-30.89	-17.89

Highest channel

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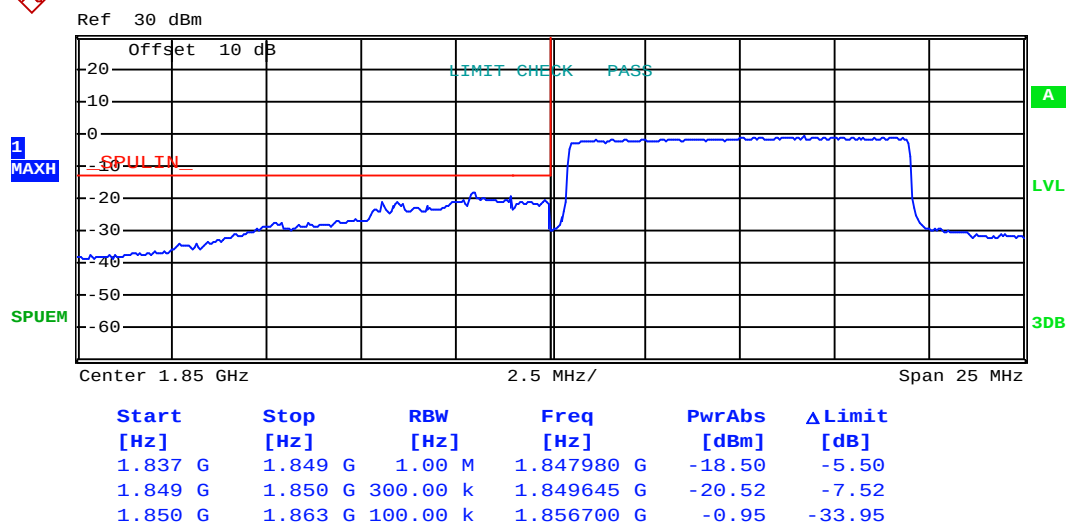
Lowest channel



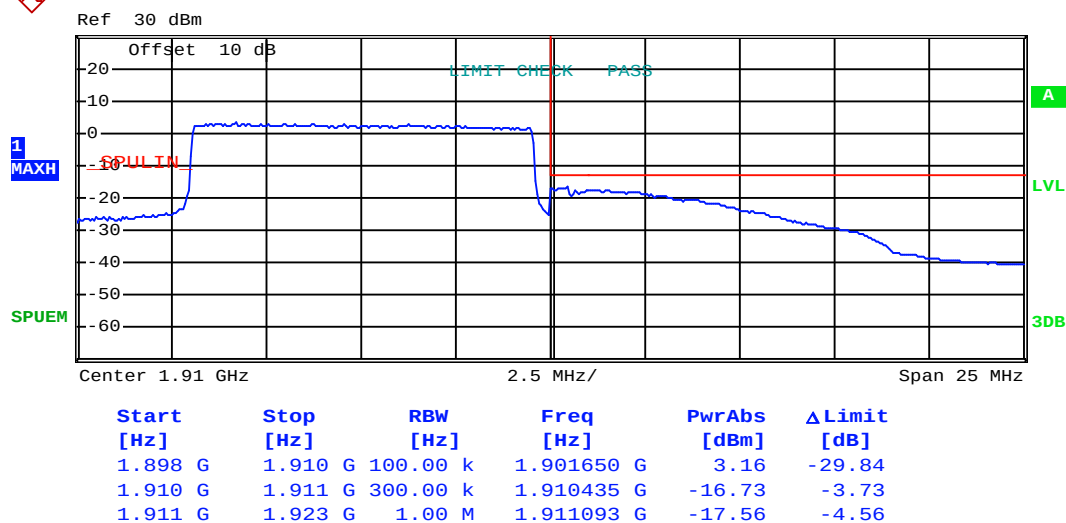
Highest channel

Test Mode:

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



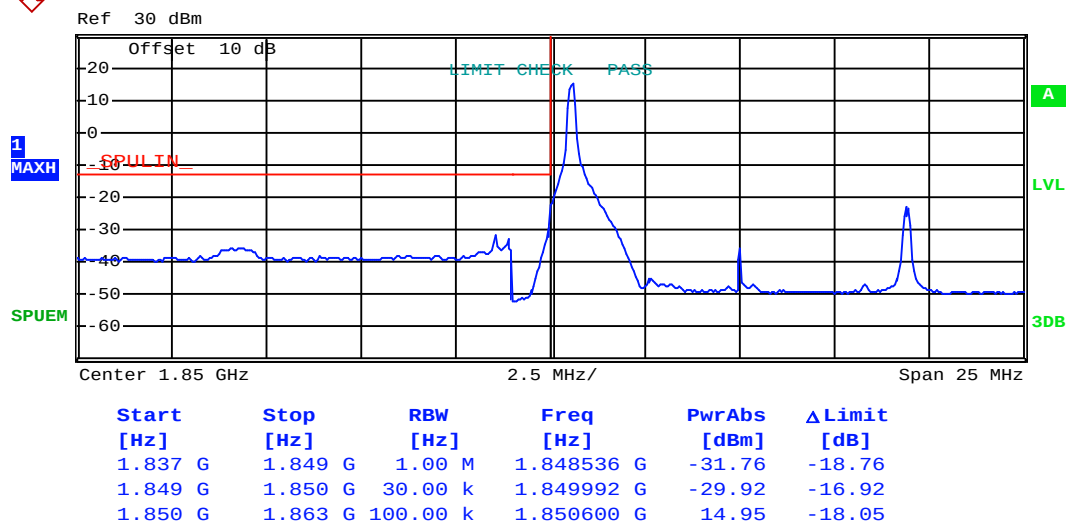
Lowest channel



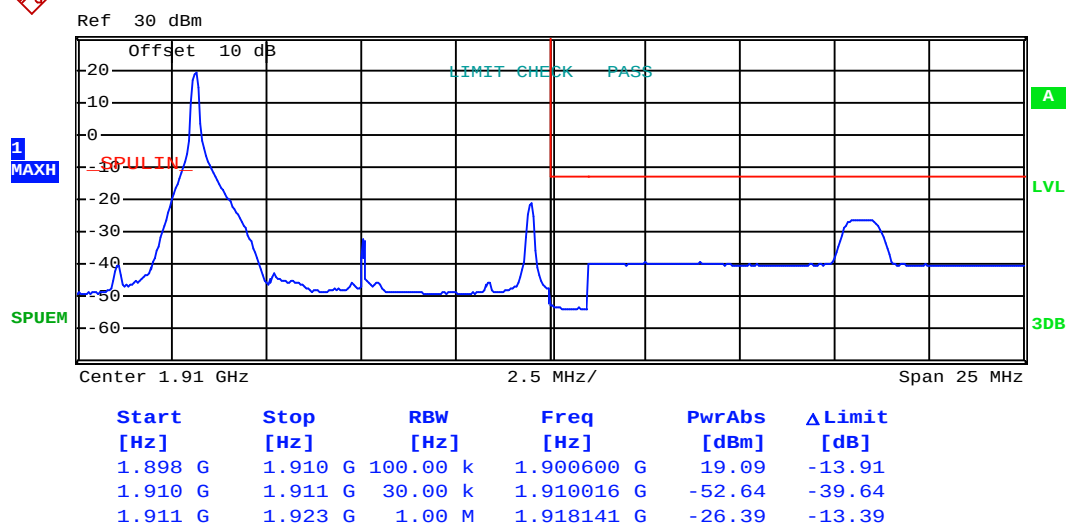
Highest channel

Test Mode:

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



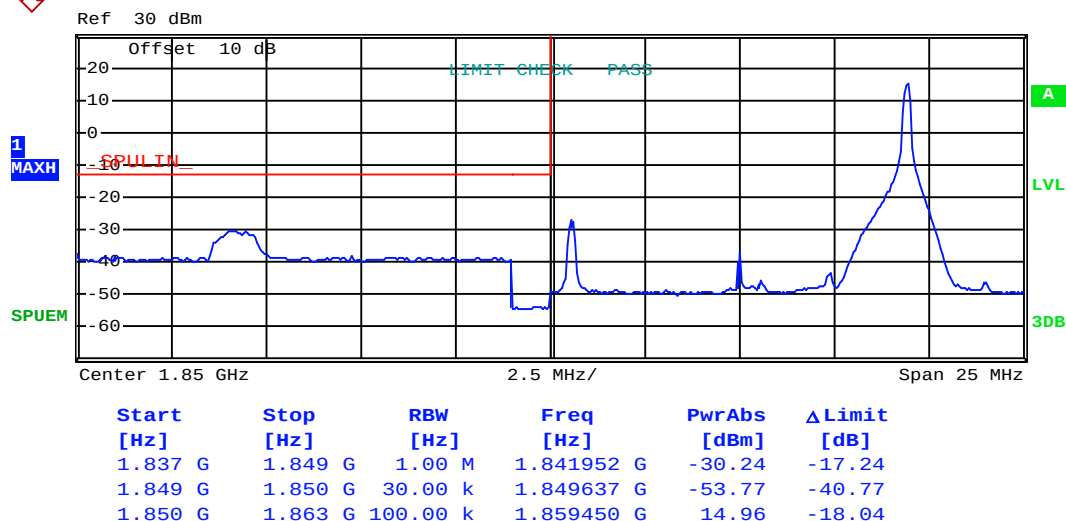
Lowest channel



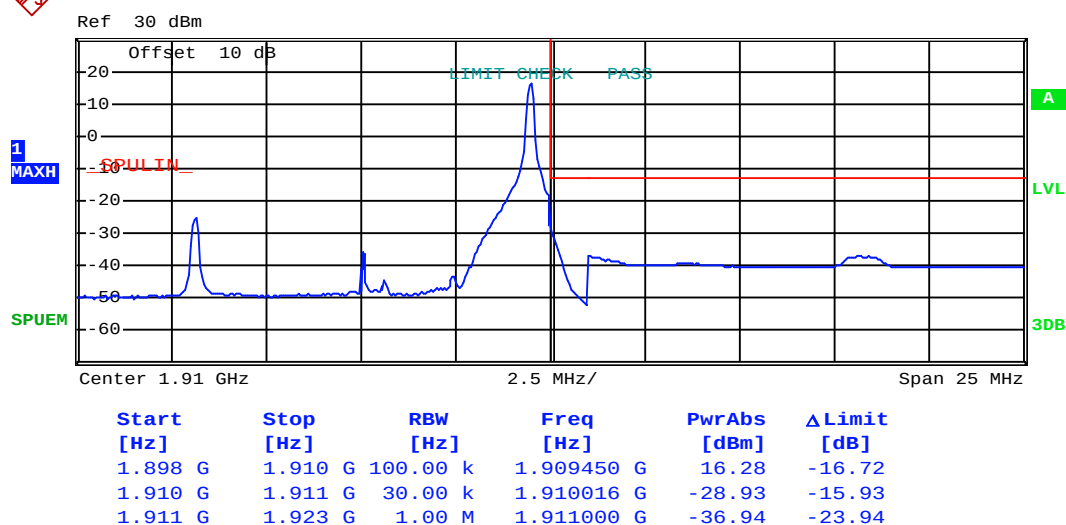
Highest channel

Test Mode:

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



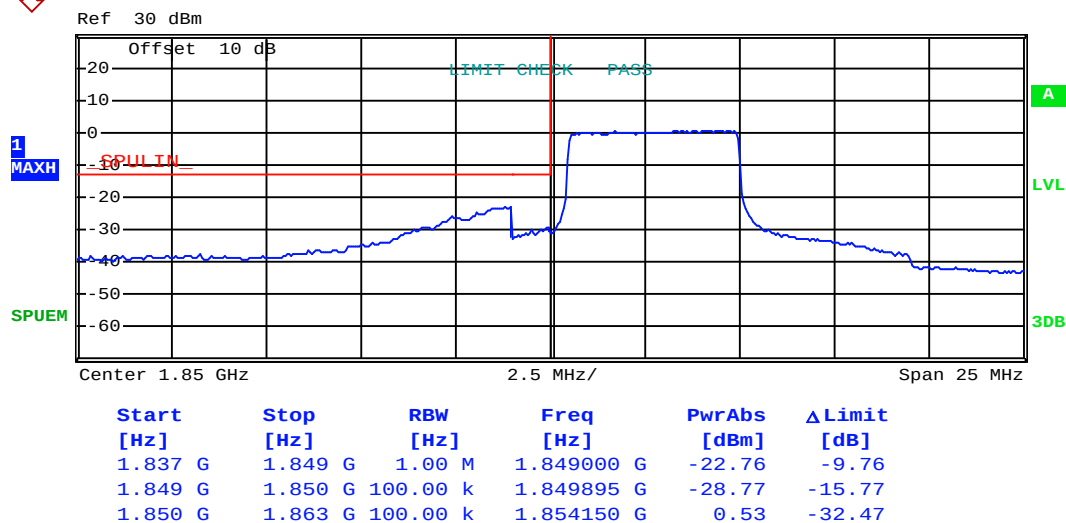
Lowest channel



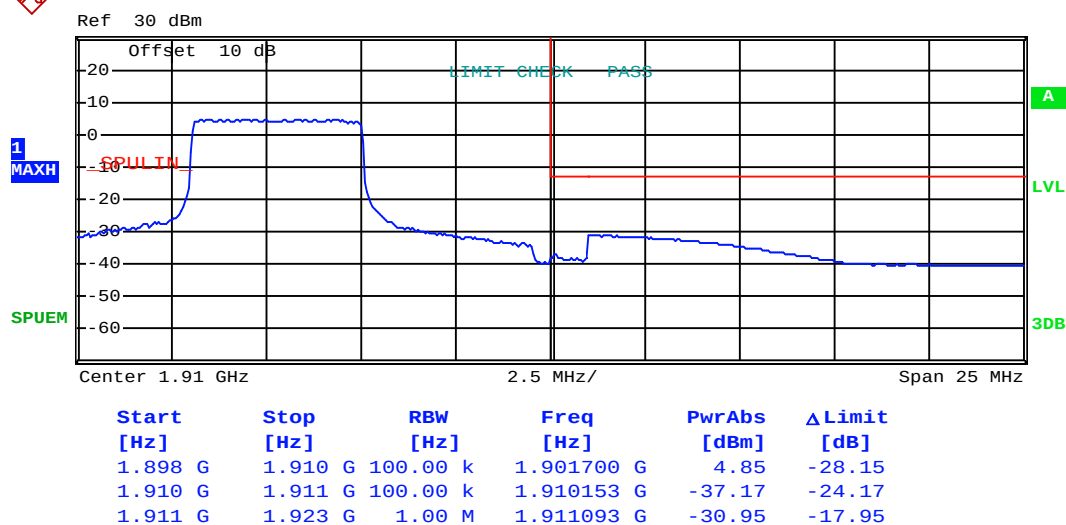
Highest channel

Test Mode:

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

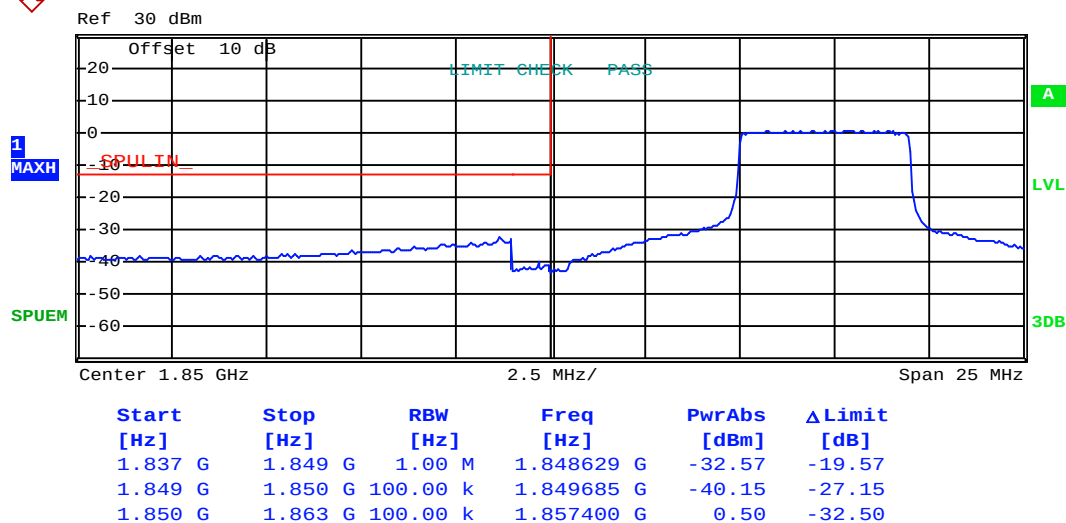


Lowest channel

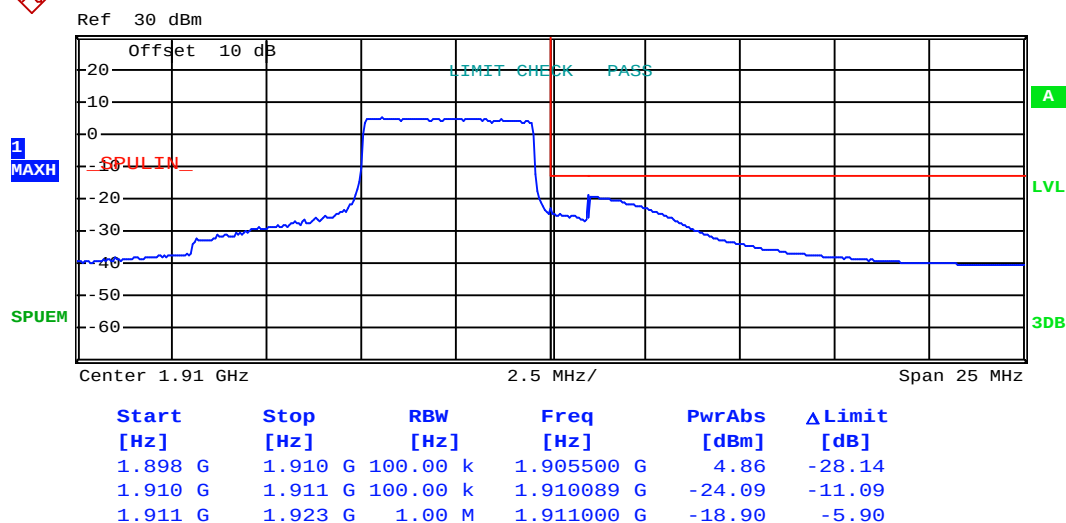


Highest channel

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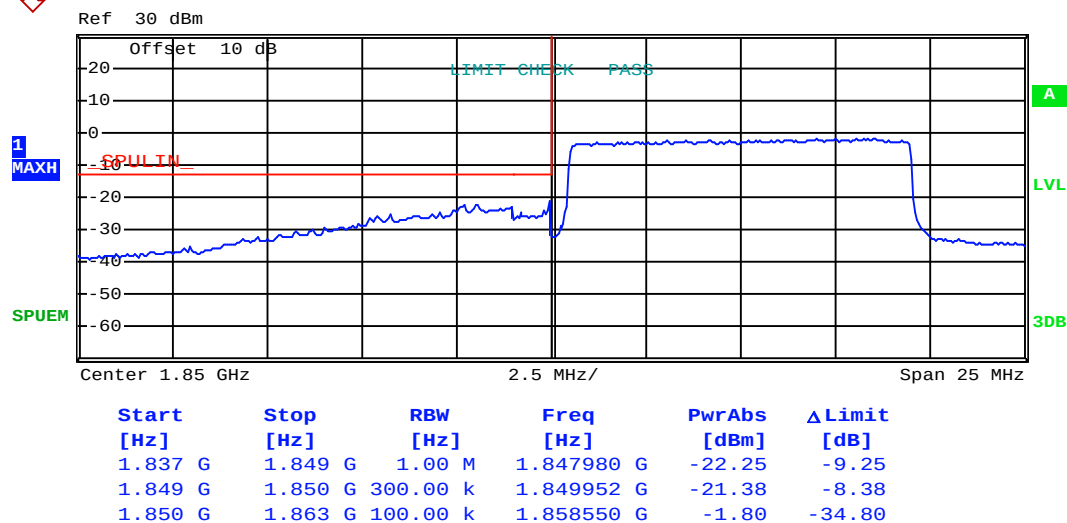


Lowest channel

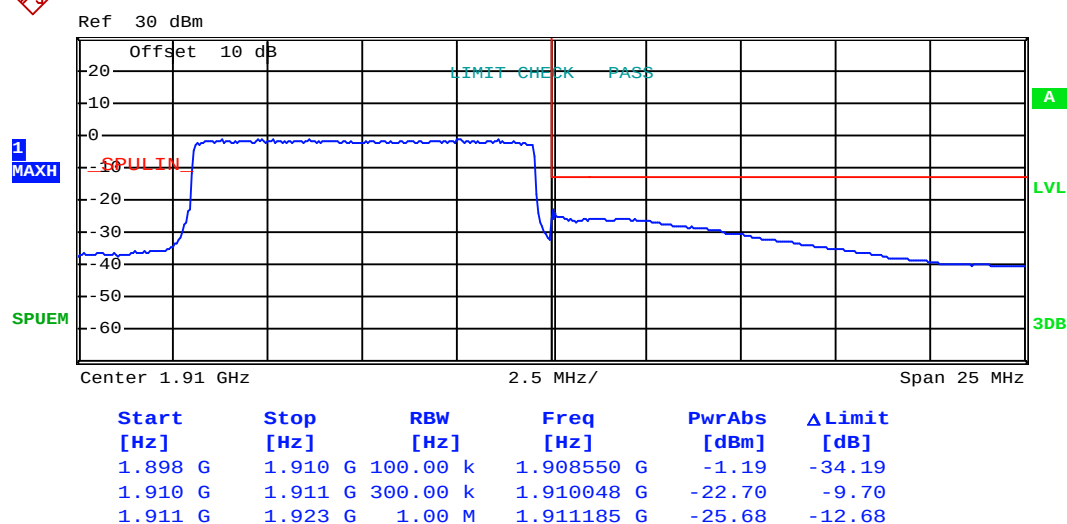


Highest channel

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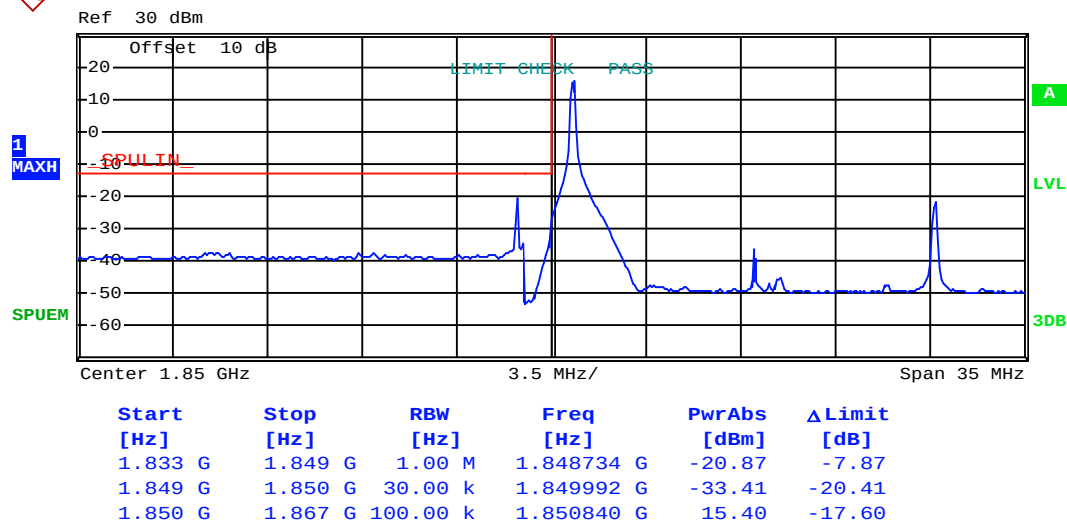
Lowest channel



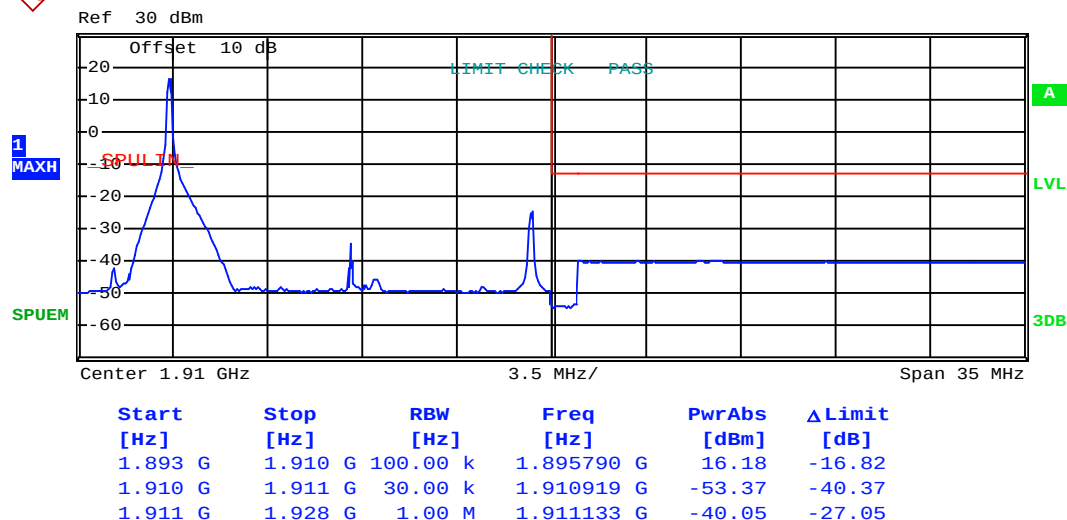
Highest channel

15MHz:

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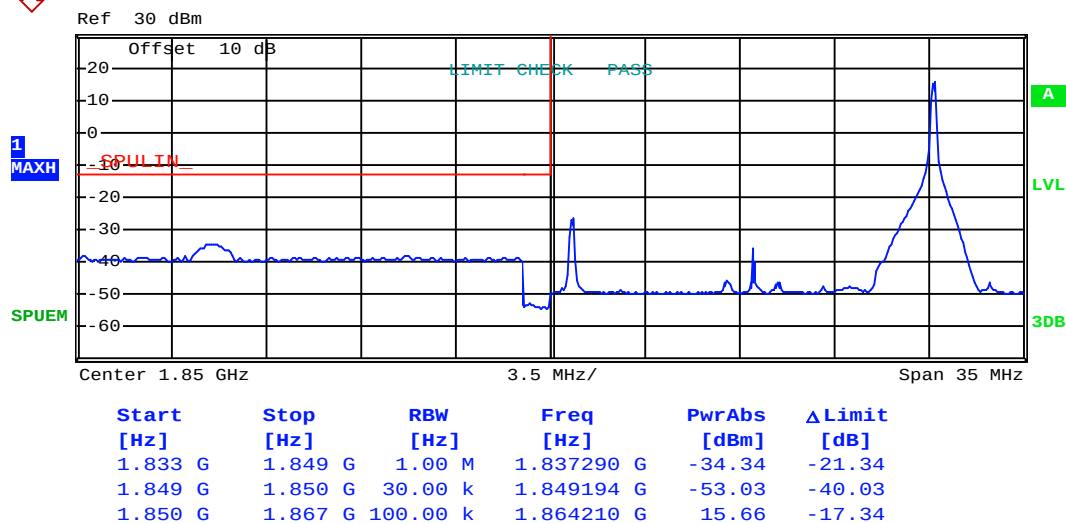
Lowest channel



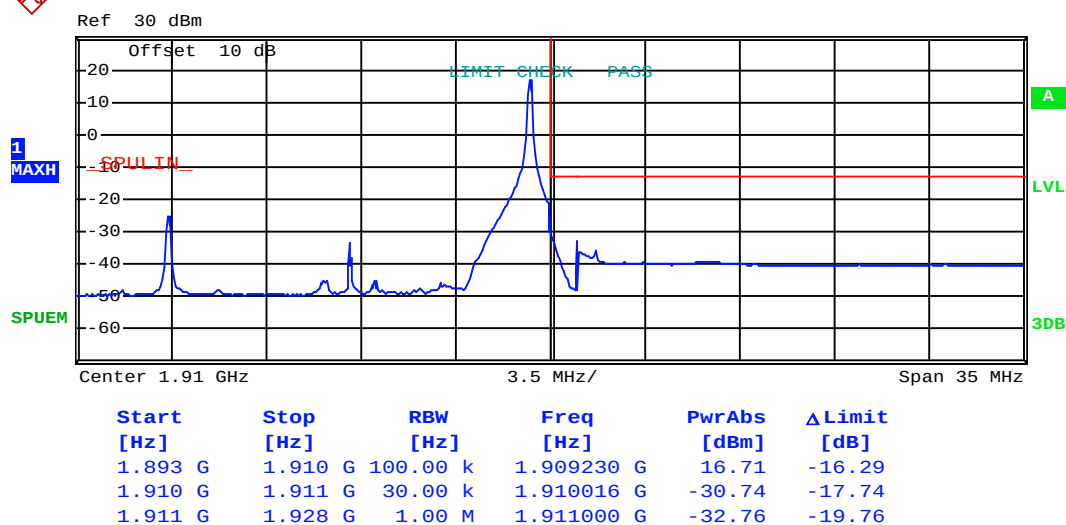
Highest channel

Test Mode:

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

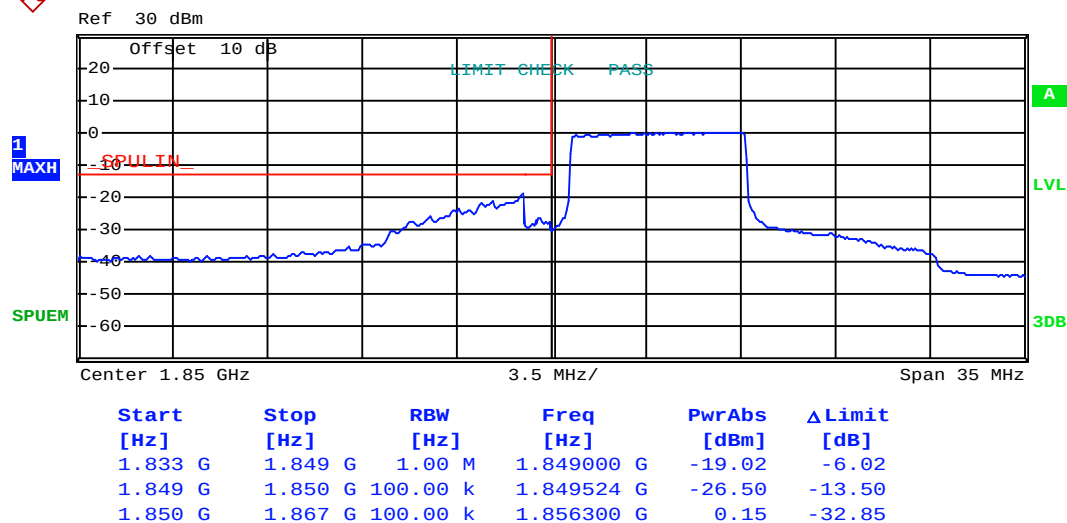


Lowest channel

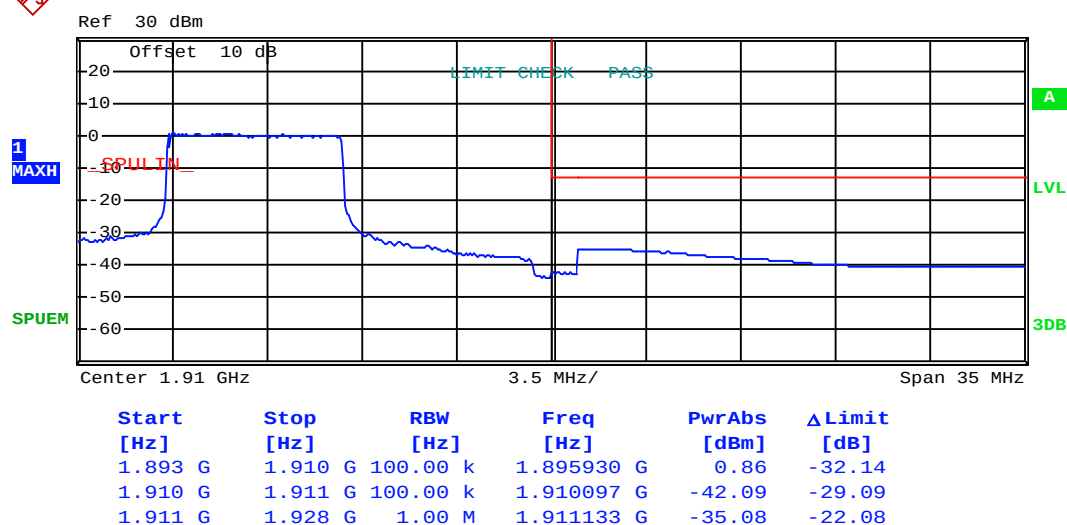


Highest channel

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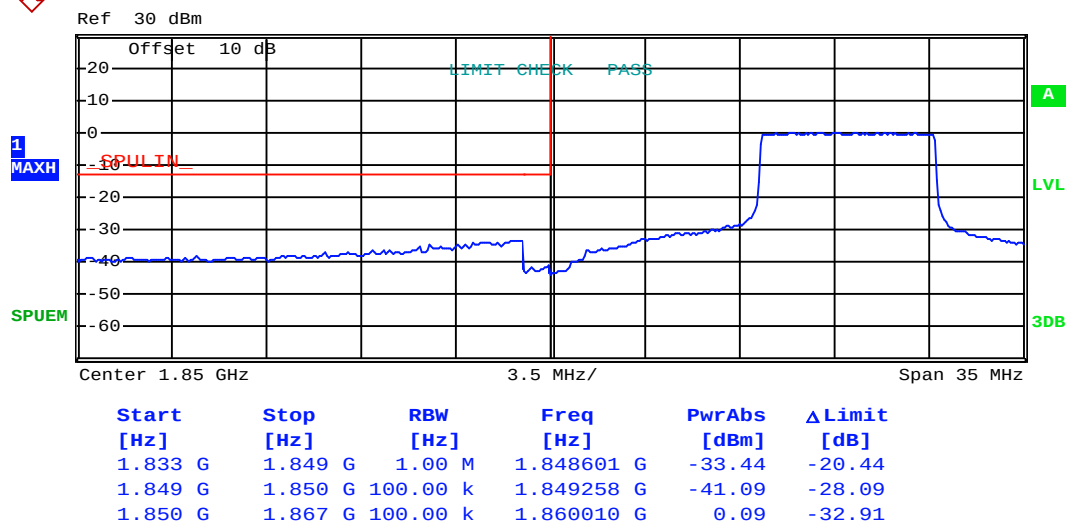


Lowest channel

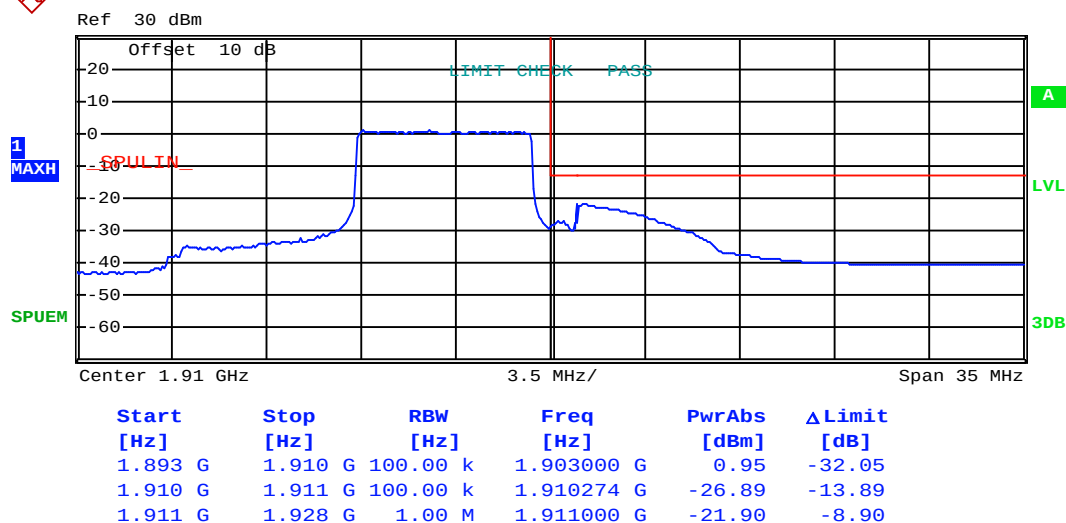


Highest channel

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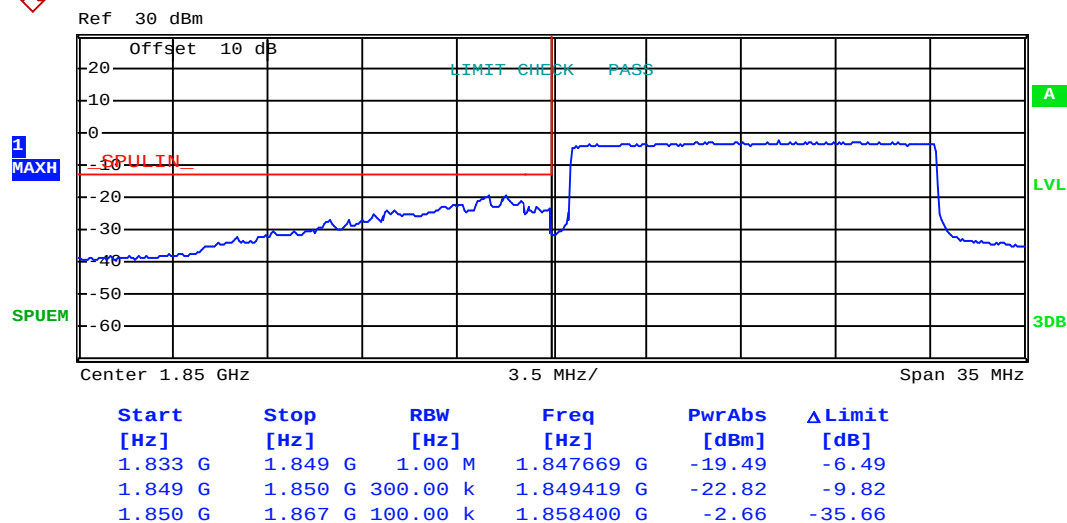


Lowest channel

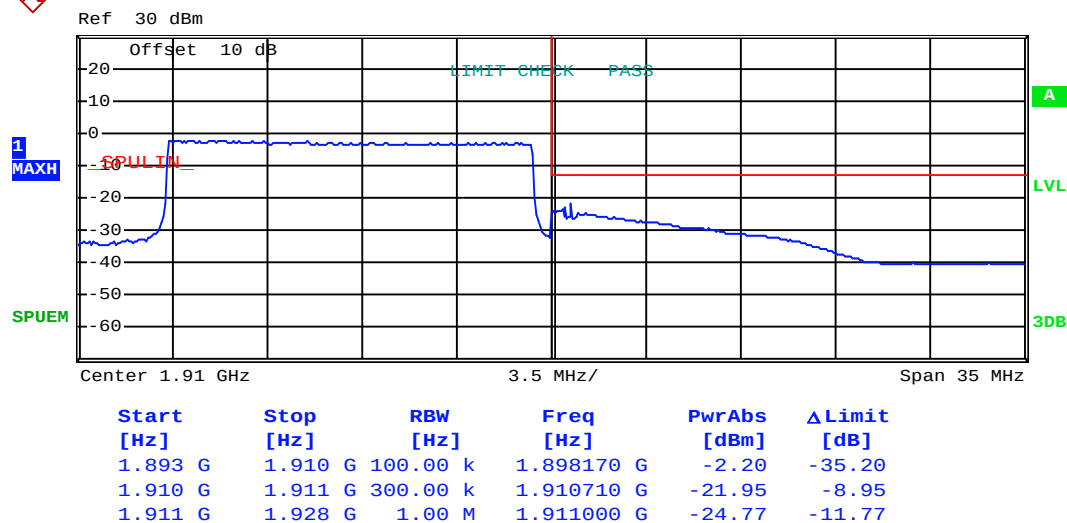


Highest channel

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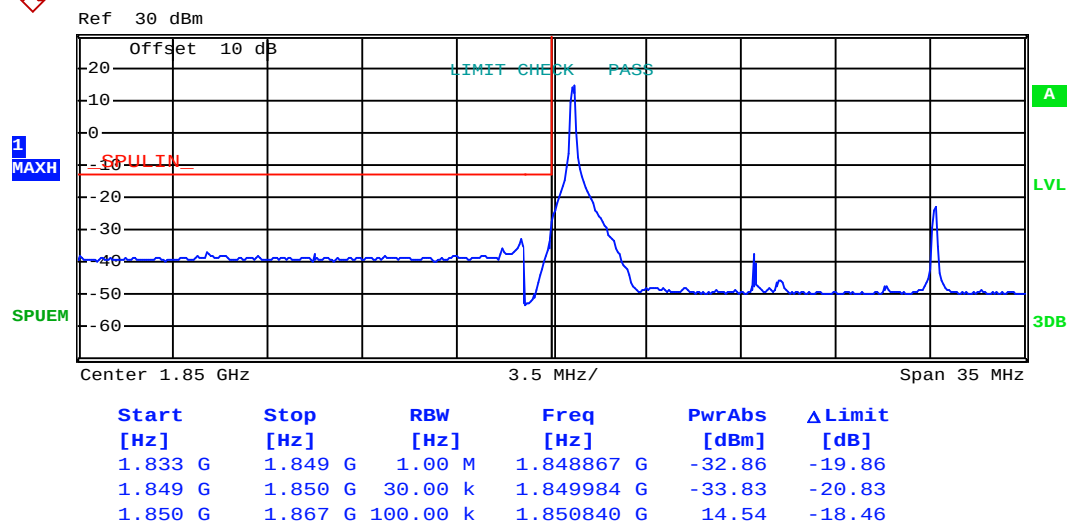


Lowest channel

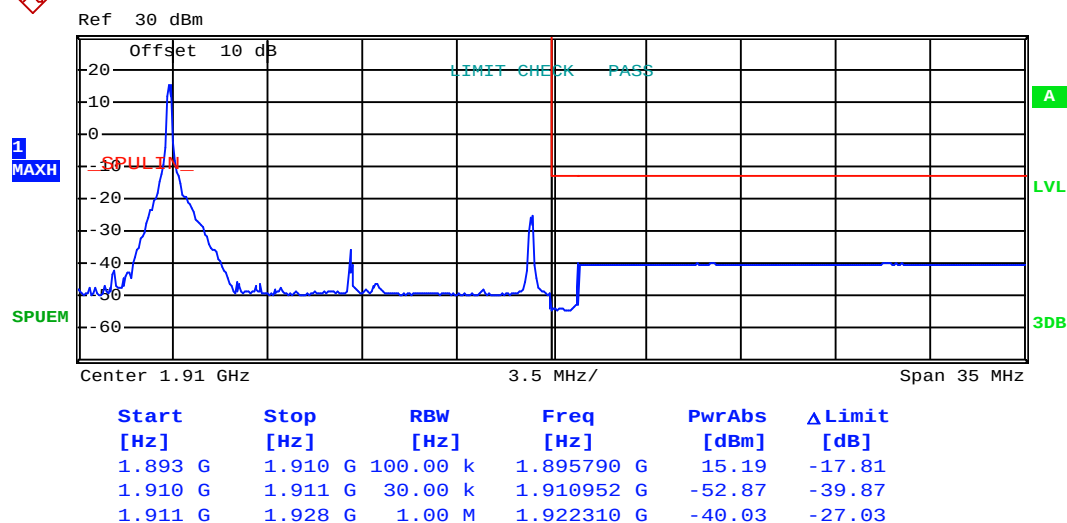


Highest channel

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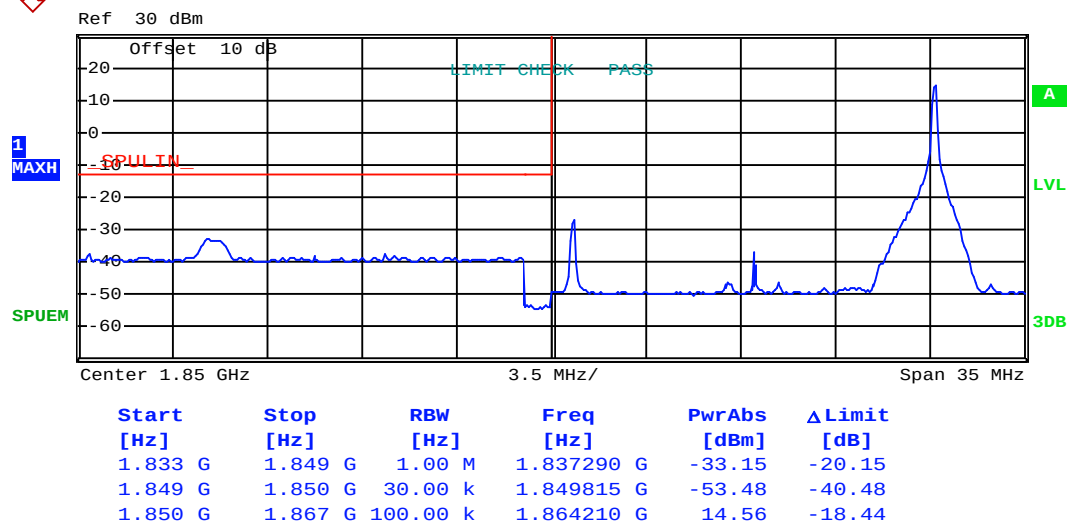


Lowest channel

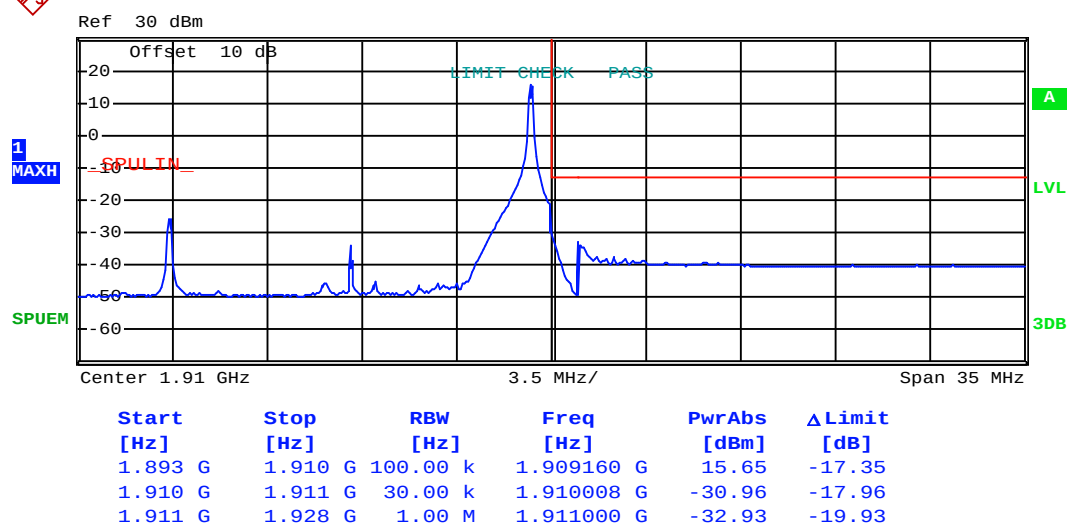


Highest channel

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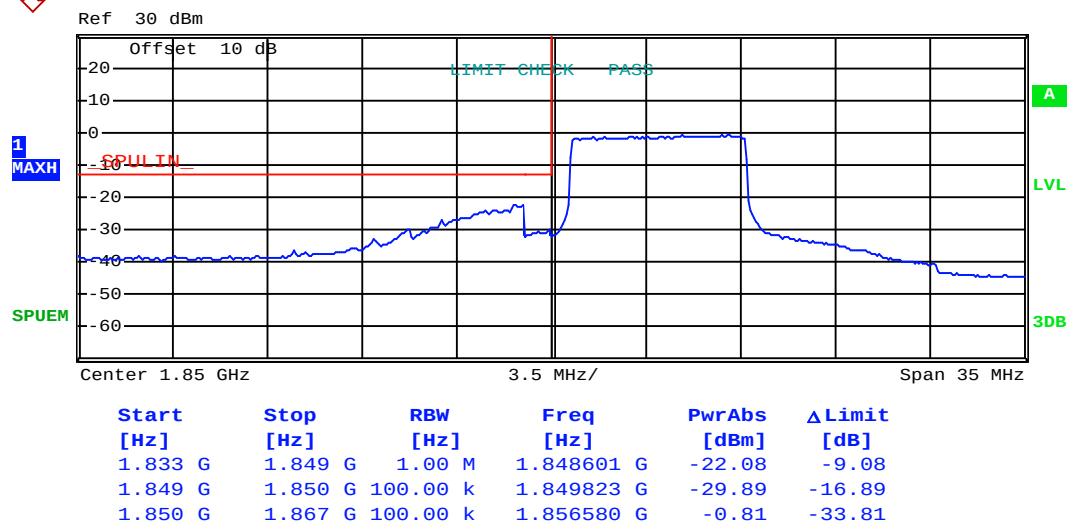


Lowest channel

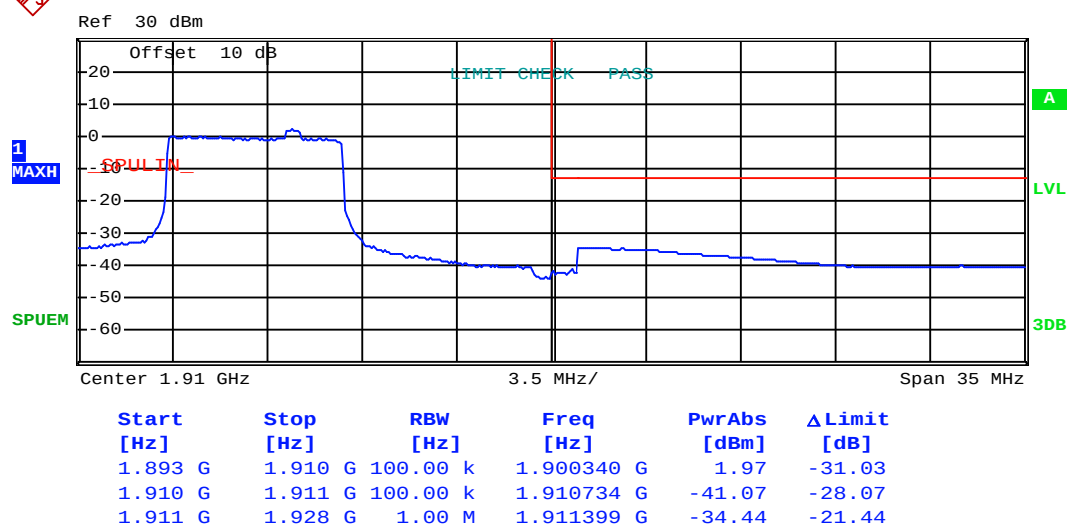


Highest channel

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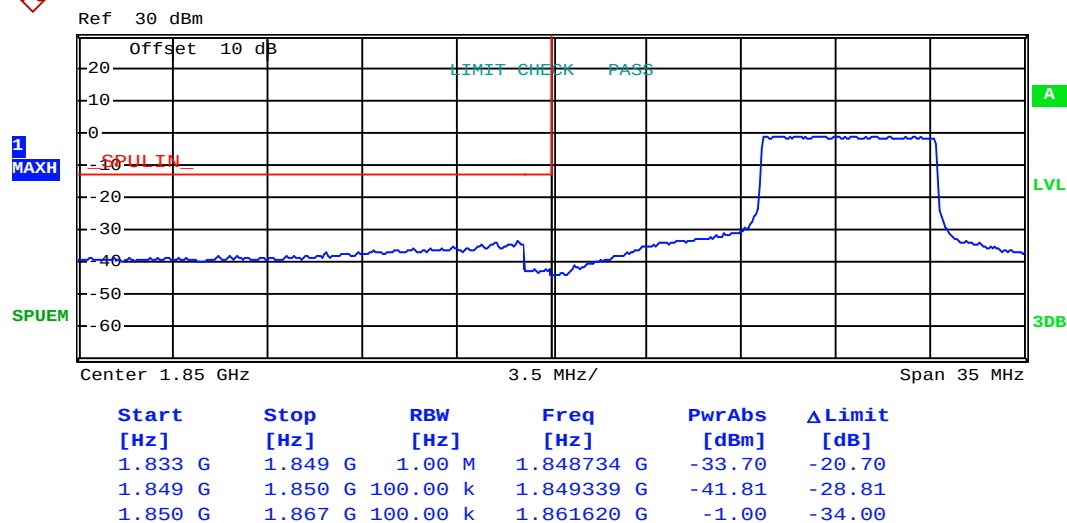


Lowest channel

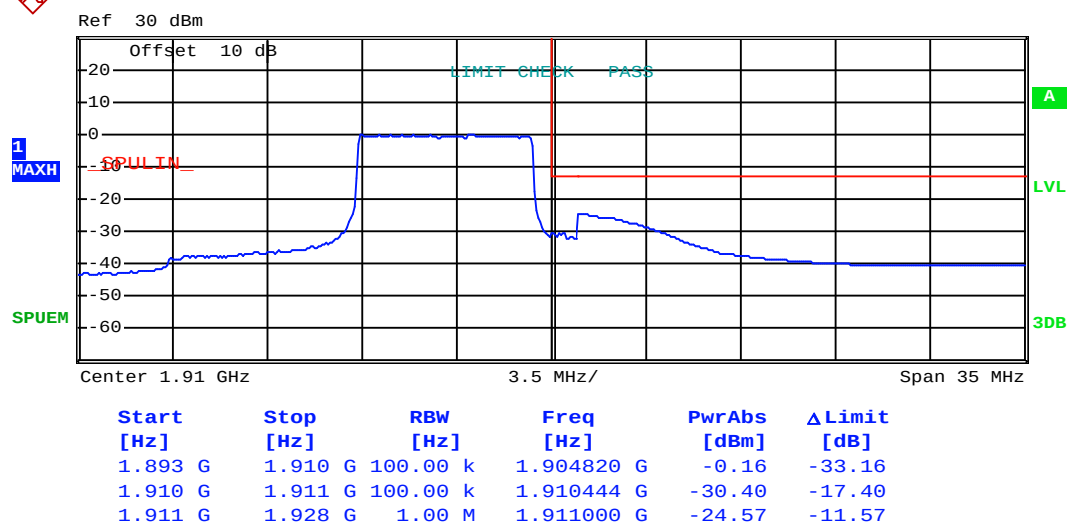


Highest channel

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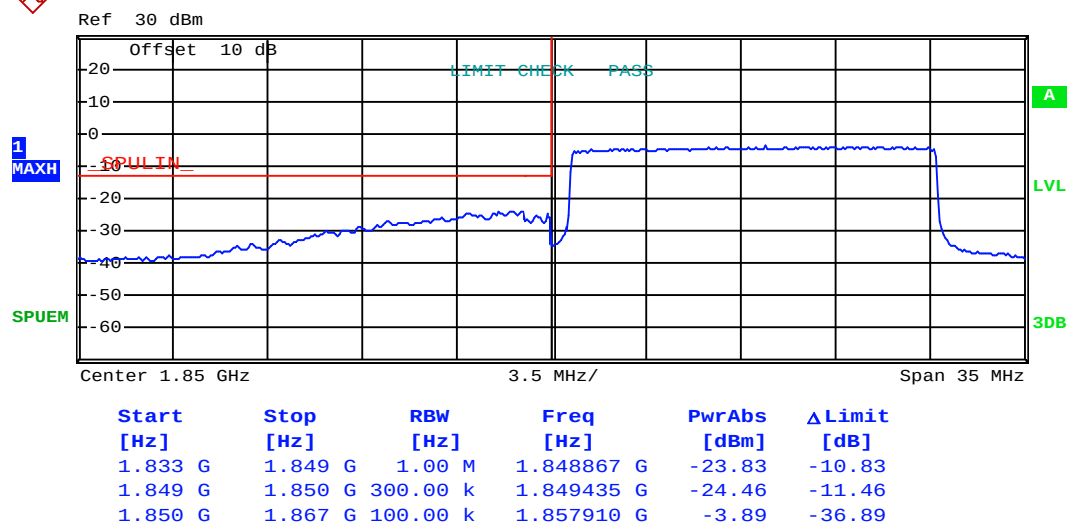


Lowest channel

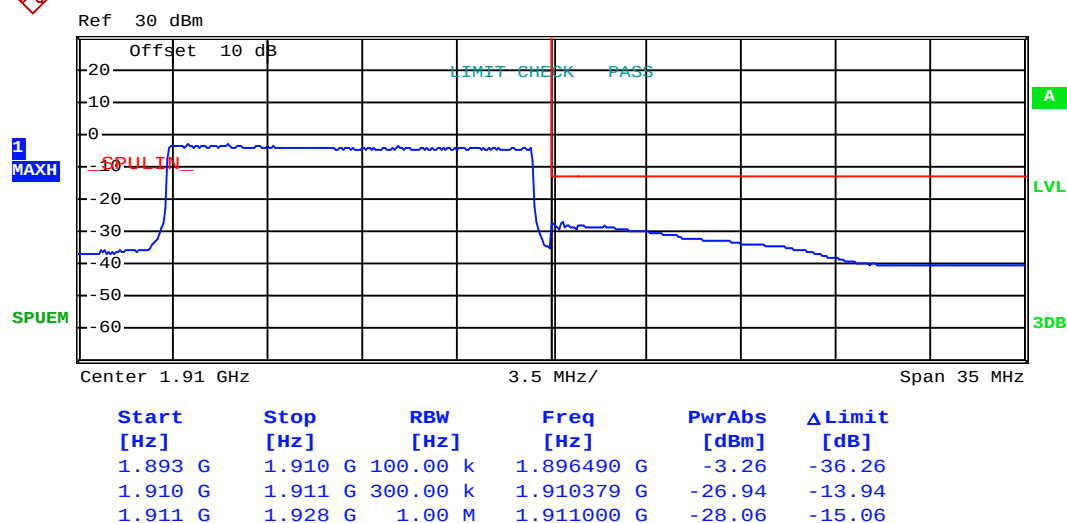


Highest channel

Test Mode:	LTE band 2(16QAM RB Size 75 & RB Offset 0)
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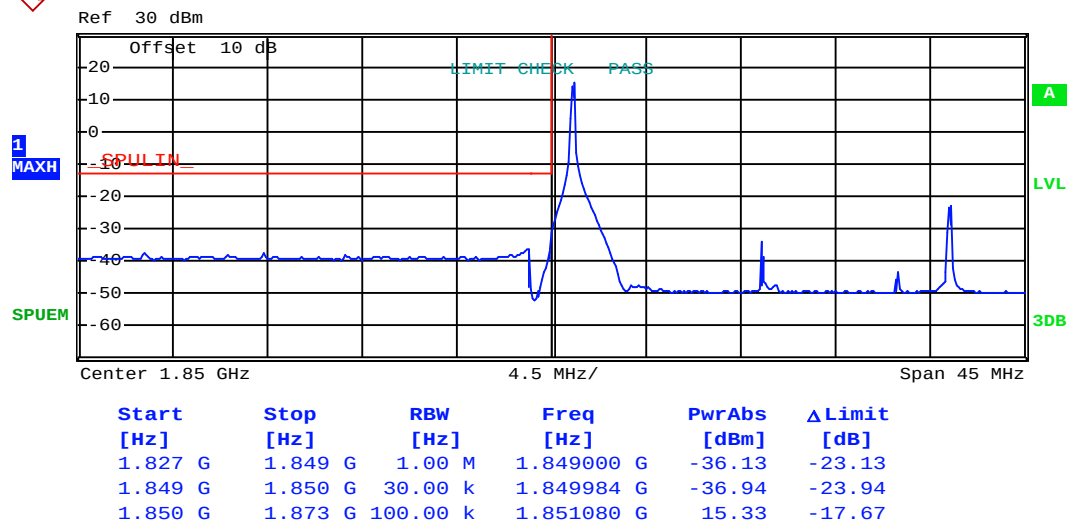
Lowest channel



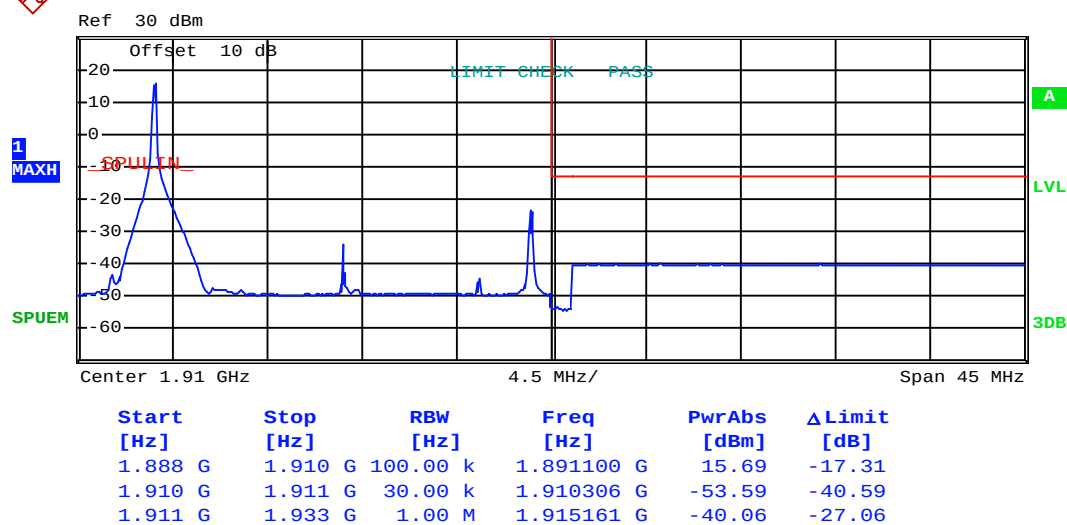
Highest channel

20MHz:

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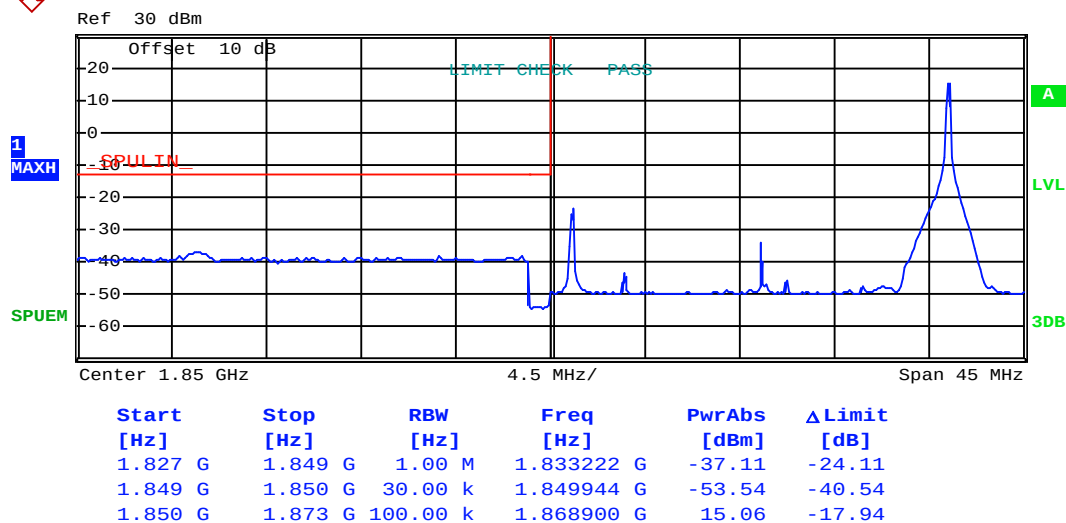
Lowest channel



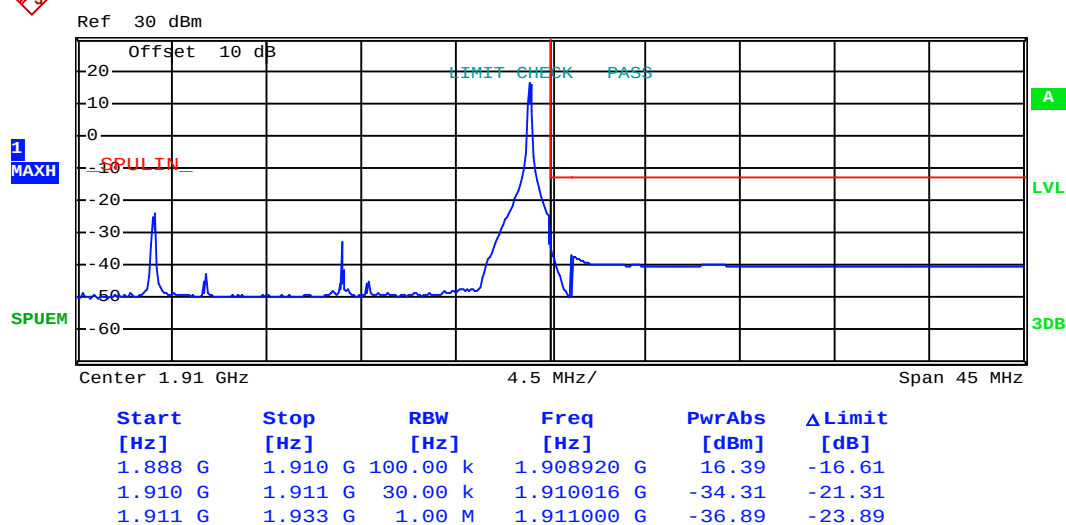
Highest channel

Test Mode:

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

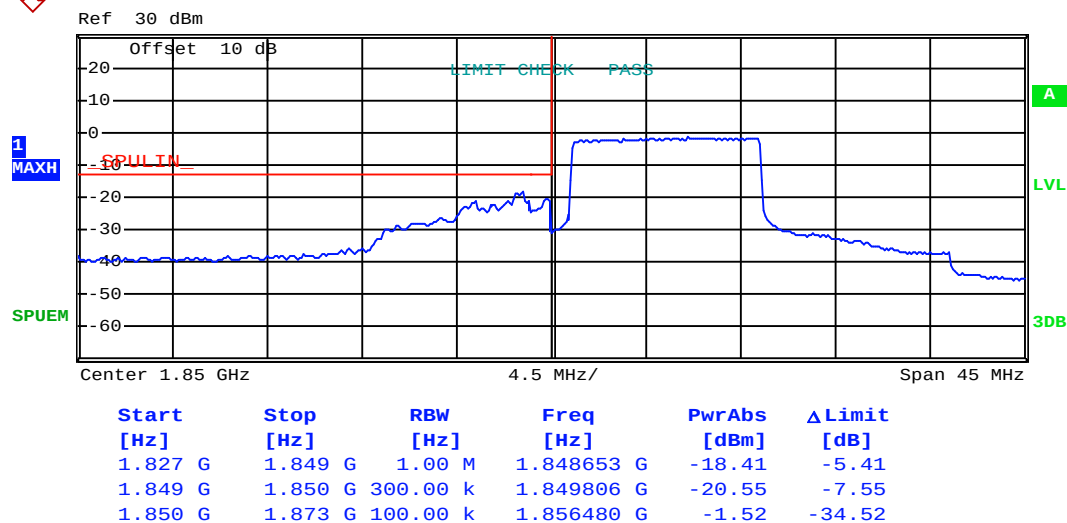


Lowest channel

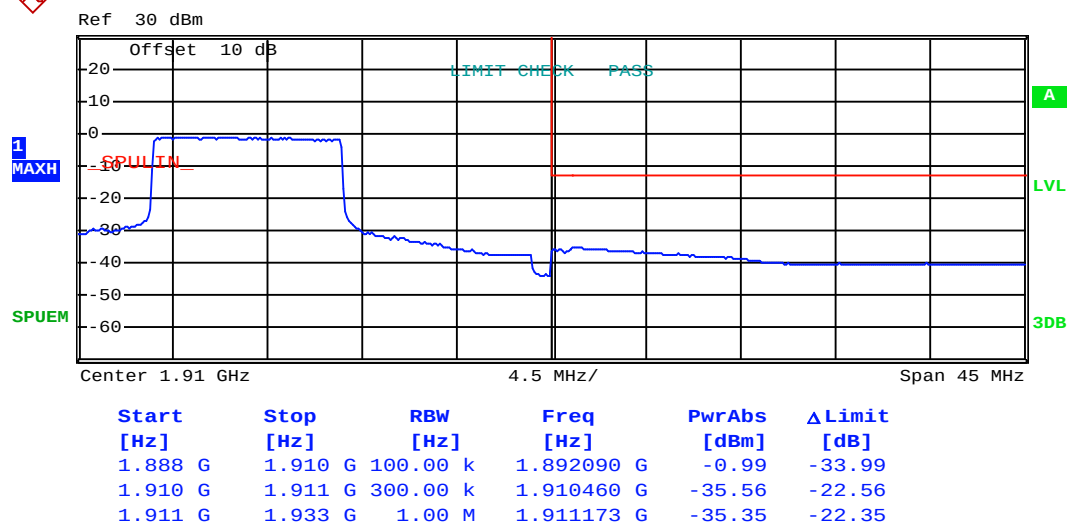


Highest channel

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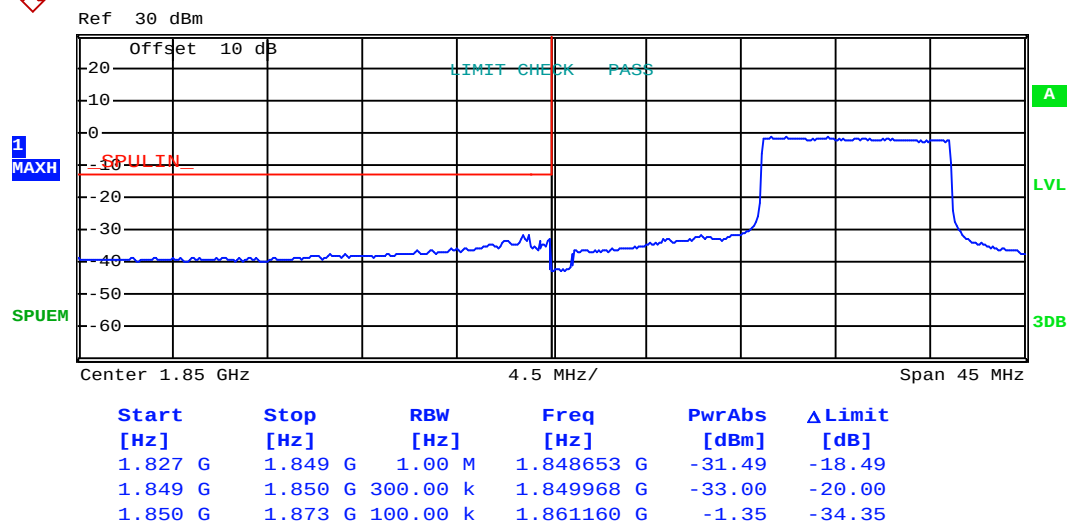


Lowest channel

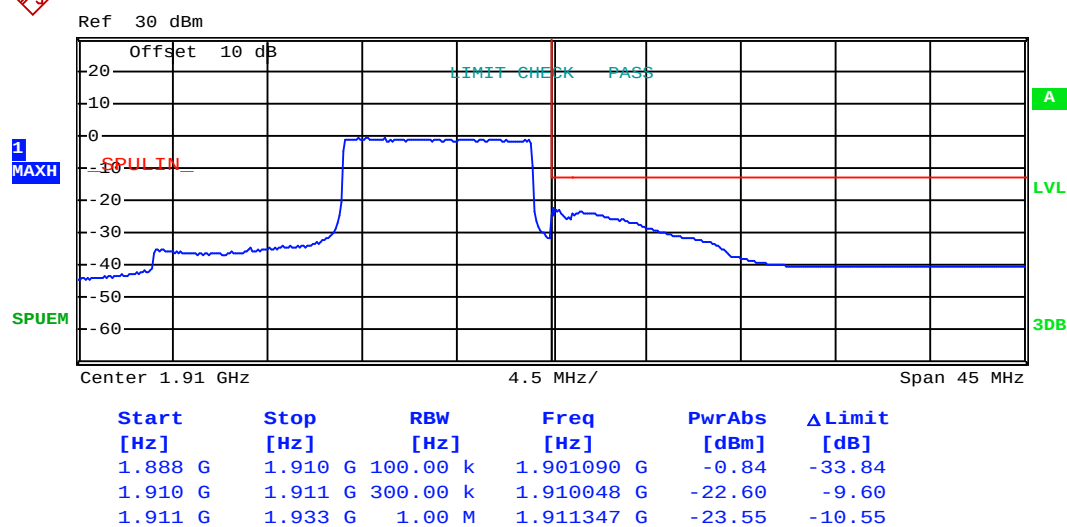


Highest channel

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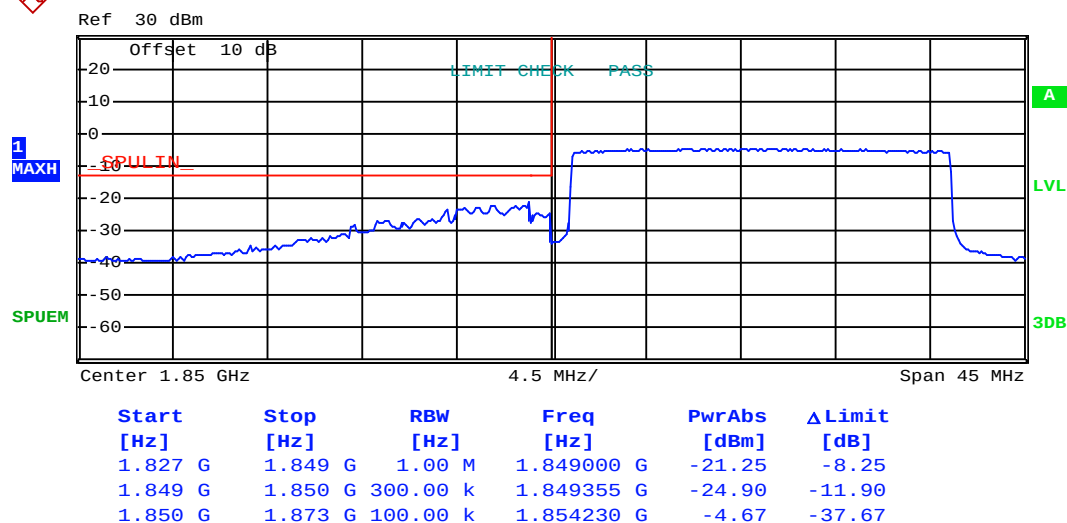


Lowest channel

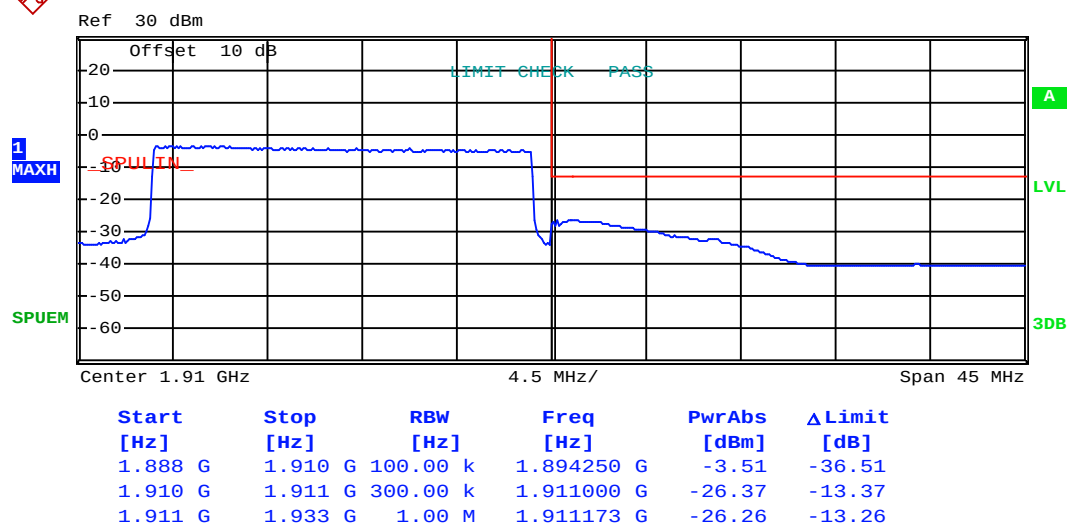


Highest channel

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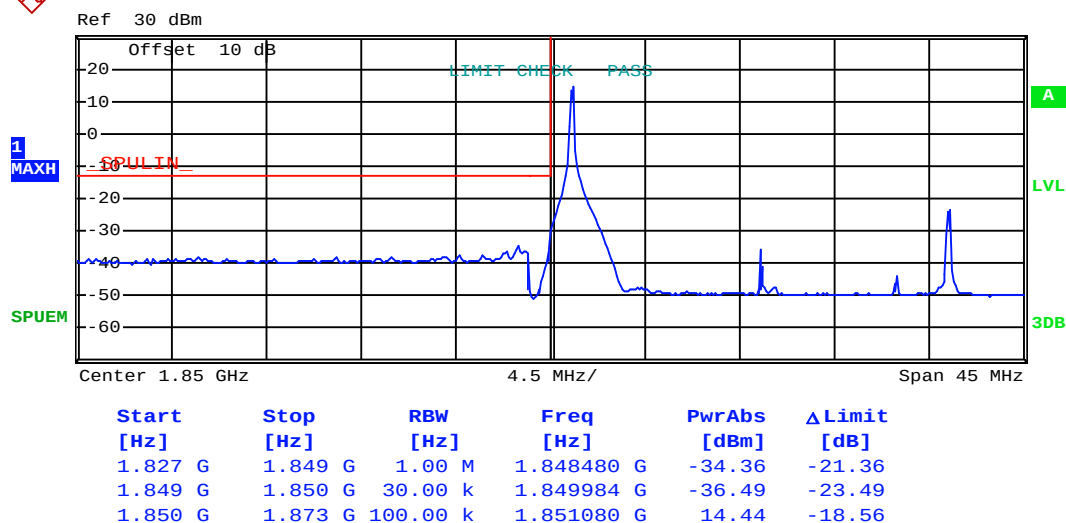
Lowest channel



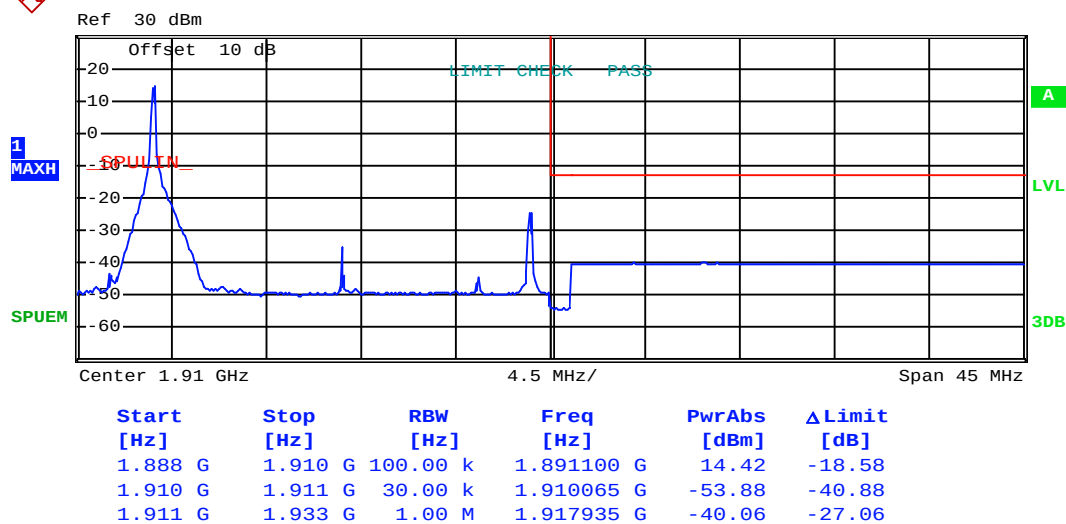
Highest channel

Test Mode:

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

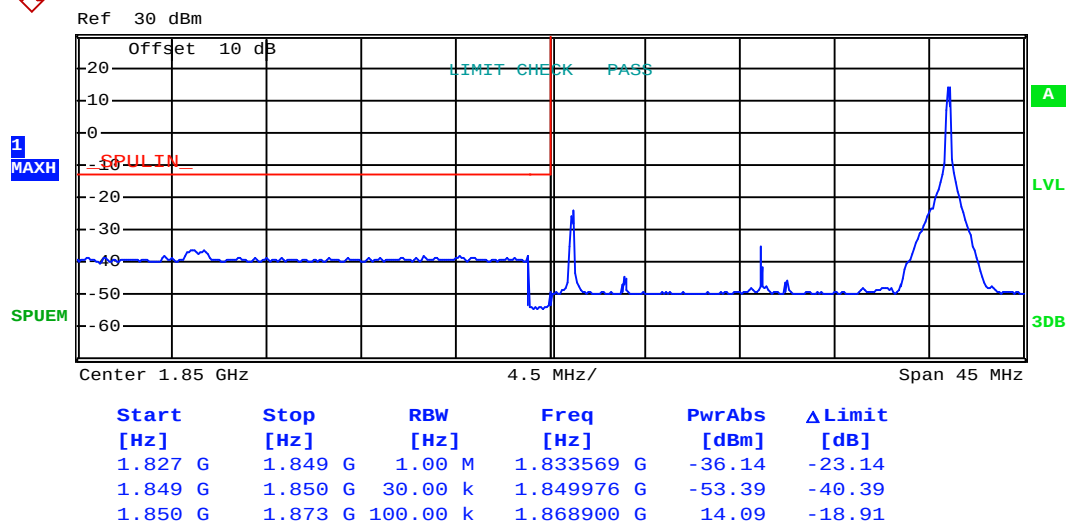


Lowest channel

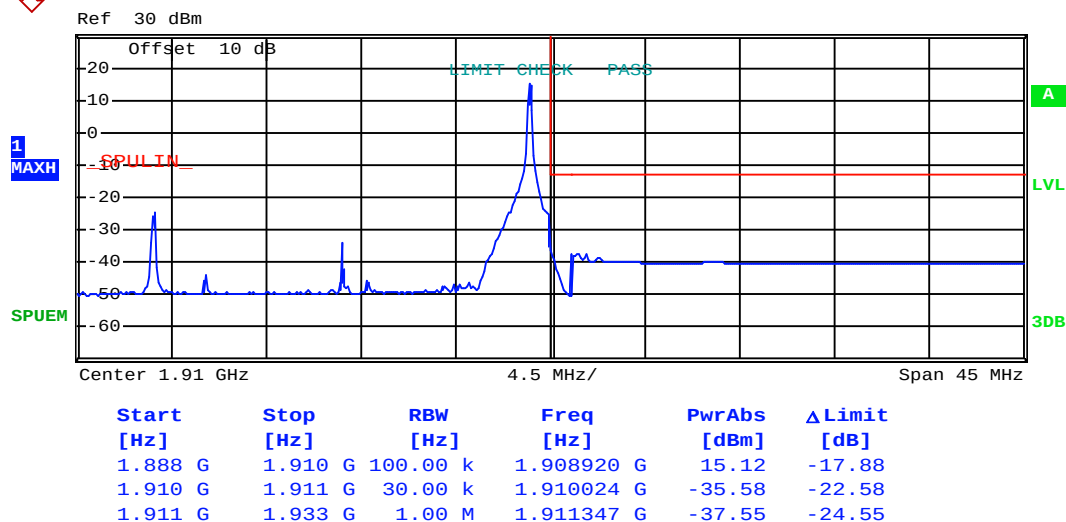


Highest channel

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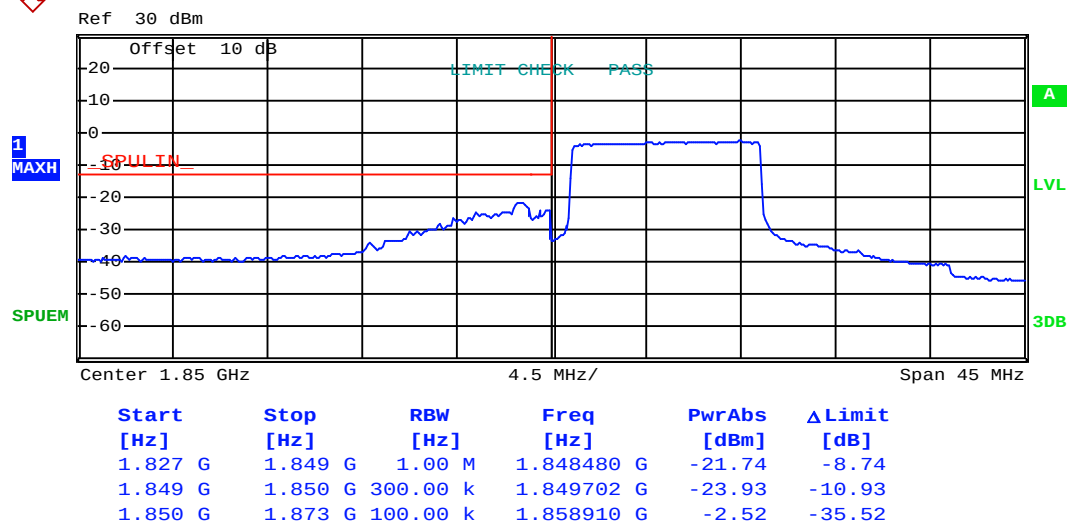


Lowest channel

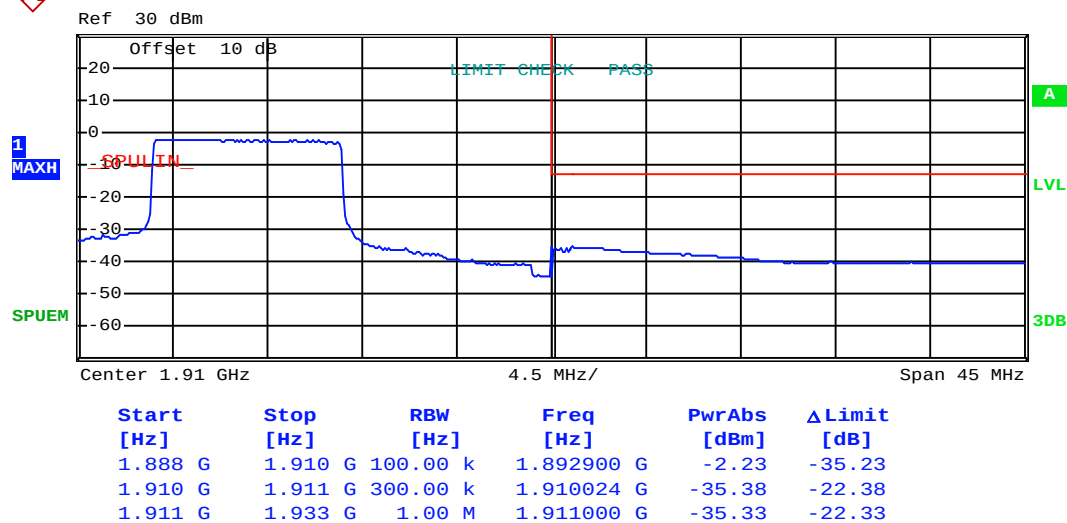


Highest channel

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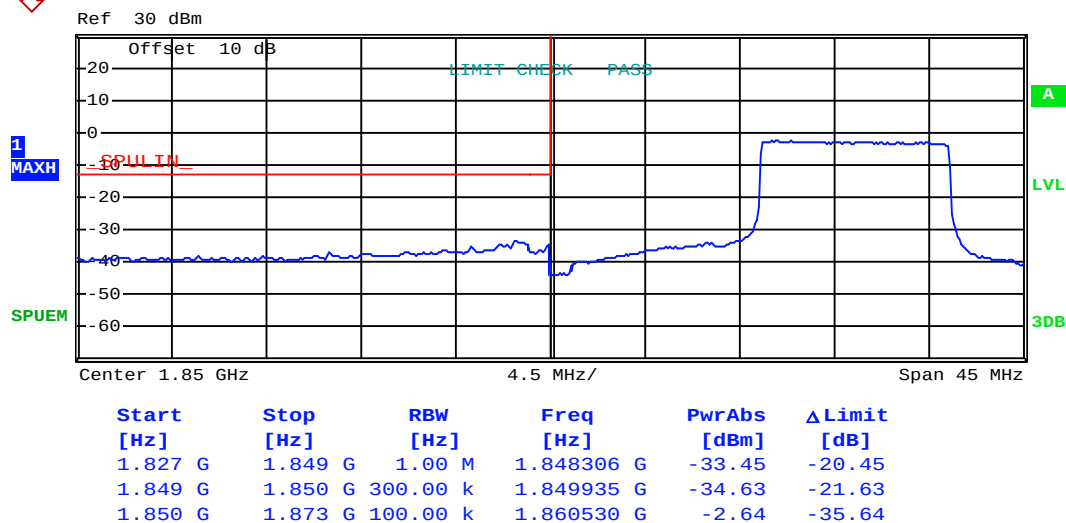


Lowest channel

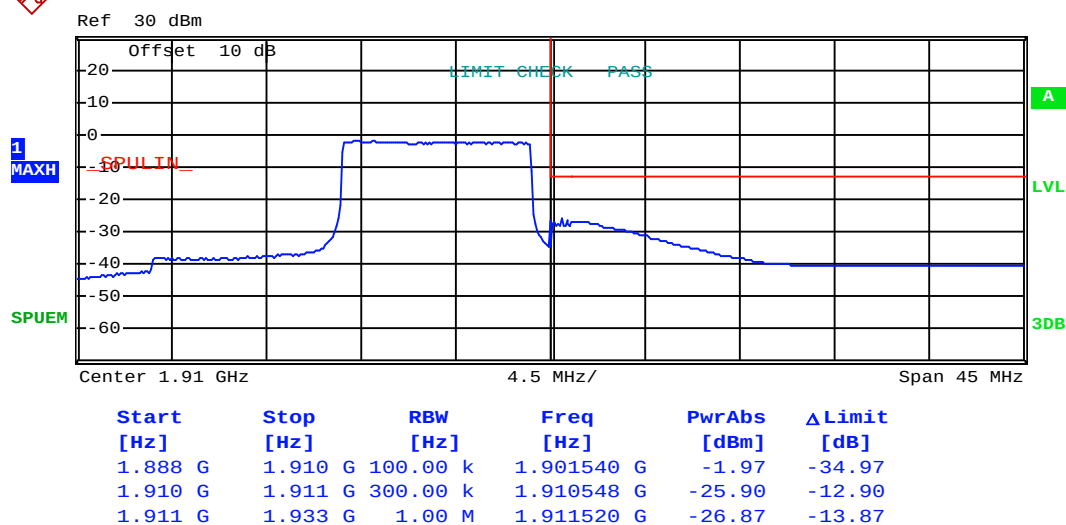


Highest channel

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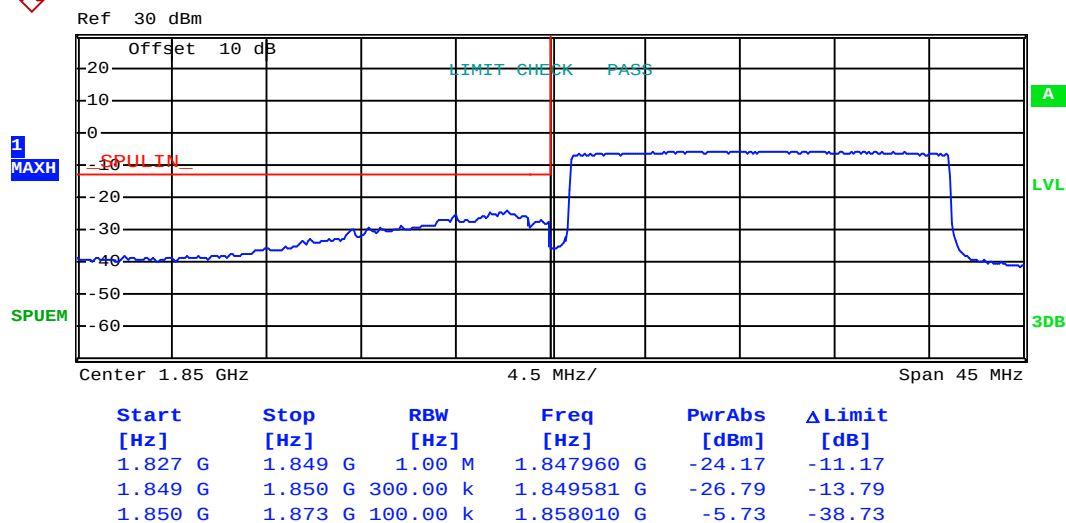


Lowest channel

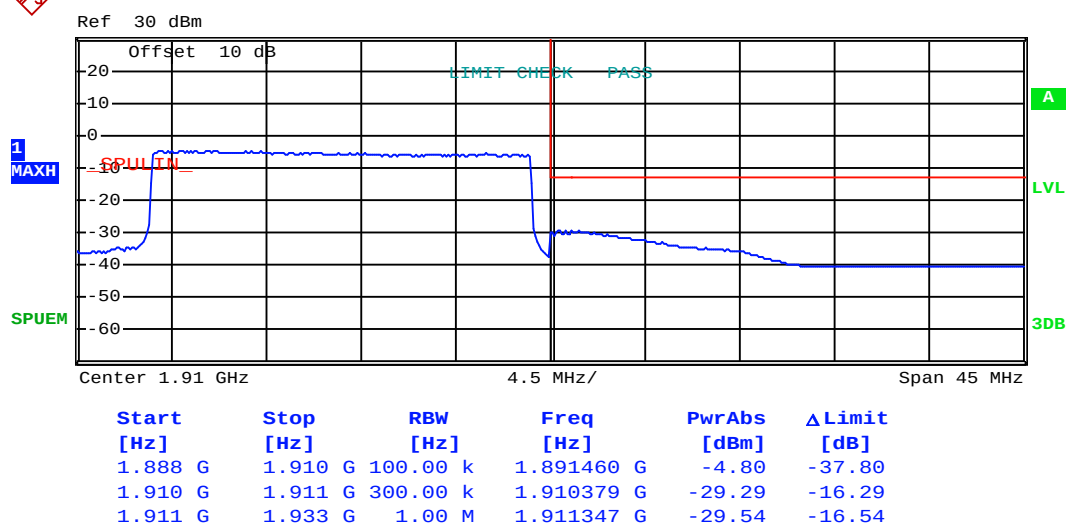


Highest channel

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

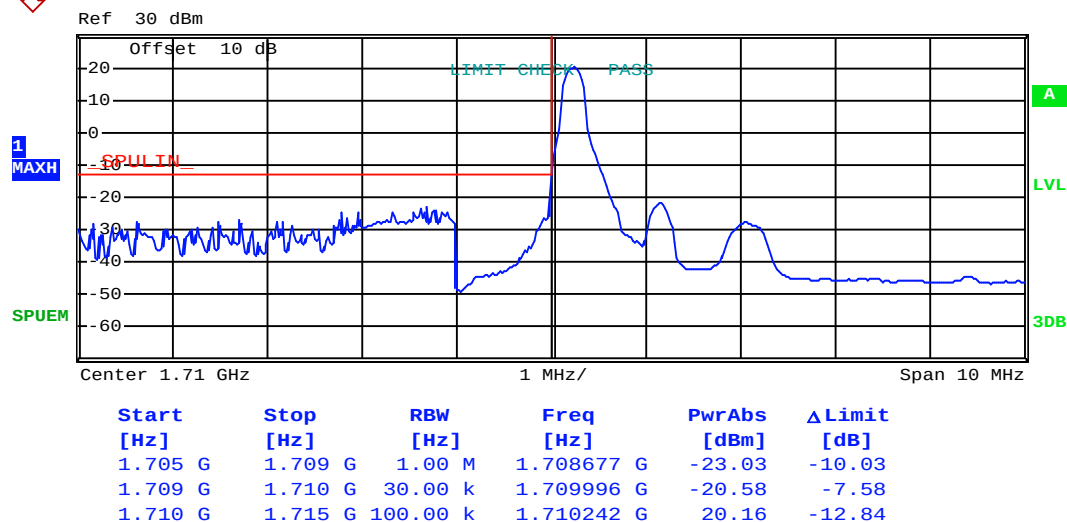


Highest channel

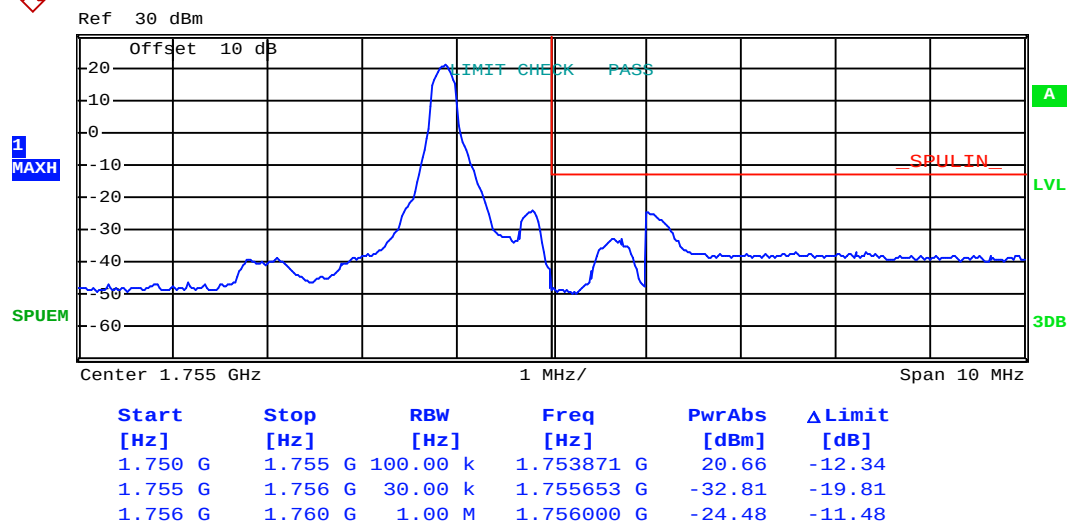
LTE band 4 part:

1.4MHz:

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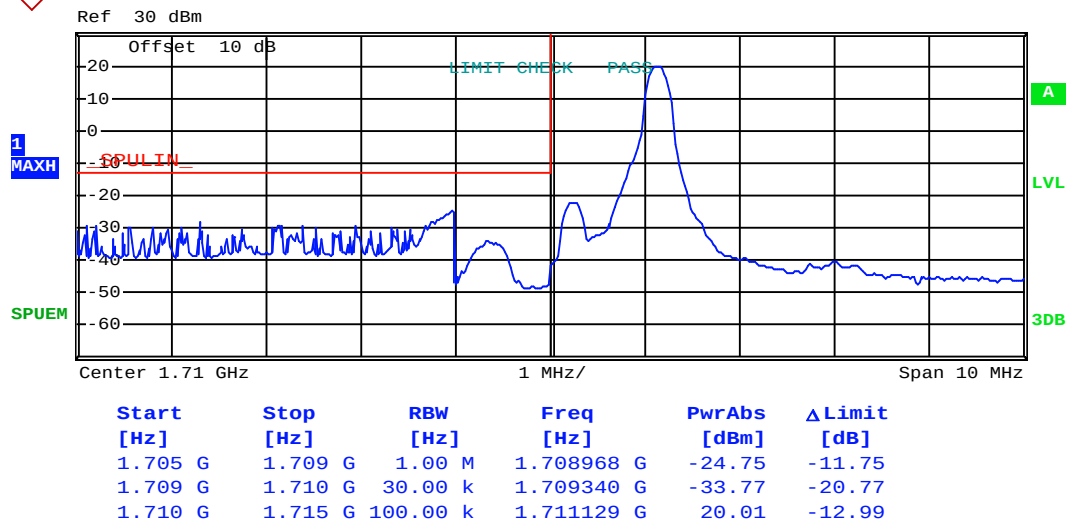
Lowest channel



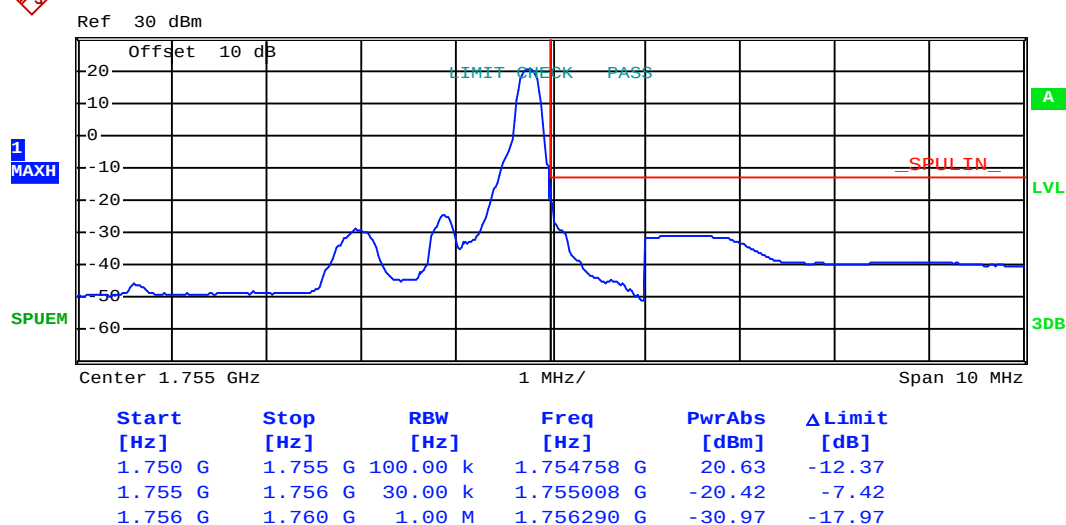
Highest channel

Test Mode:

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

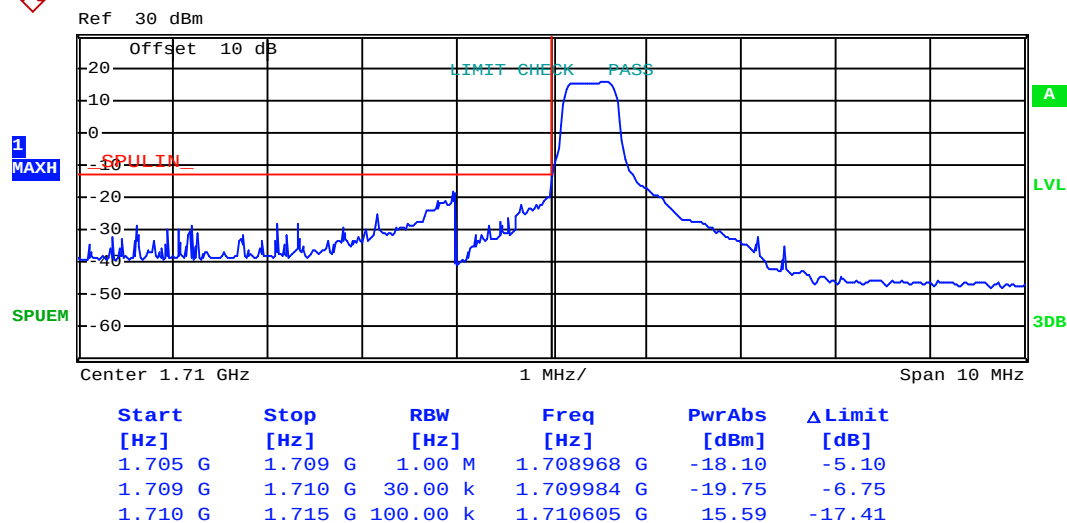


Lowest channel

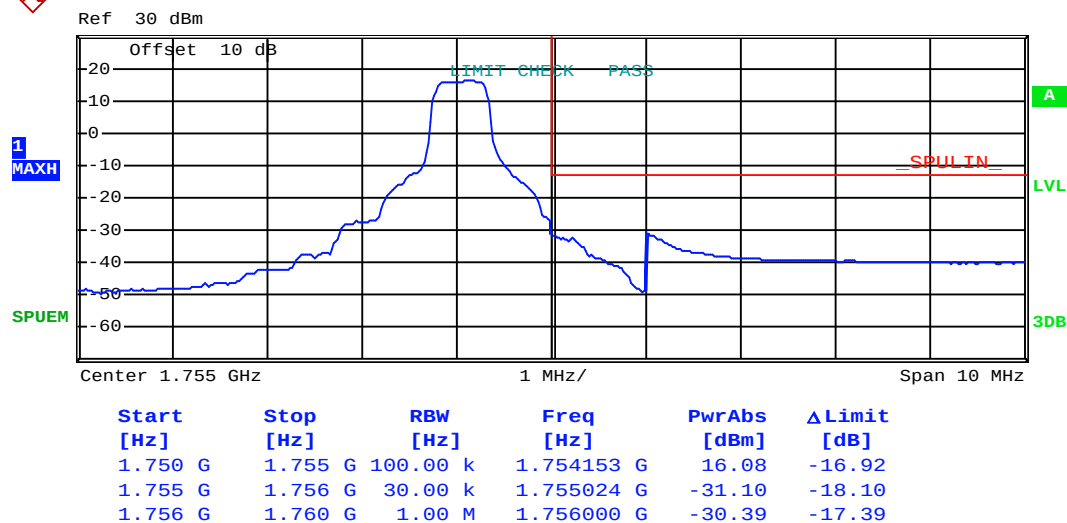


Highest channel

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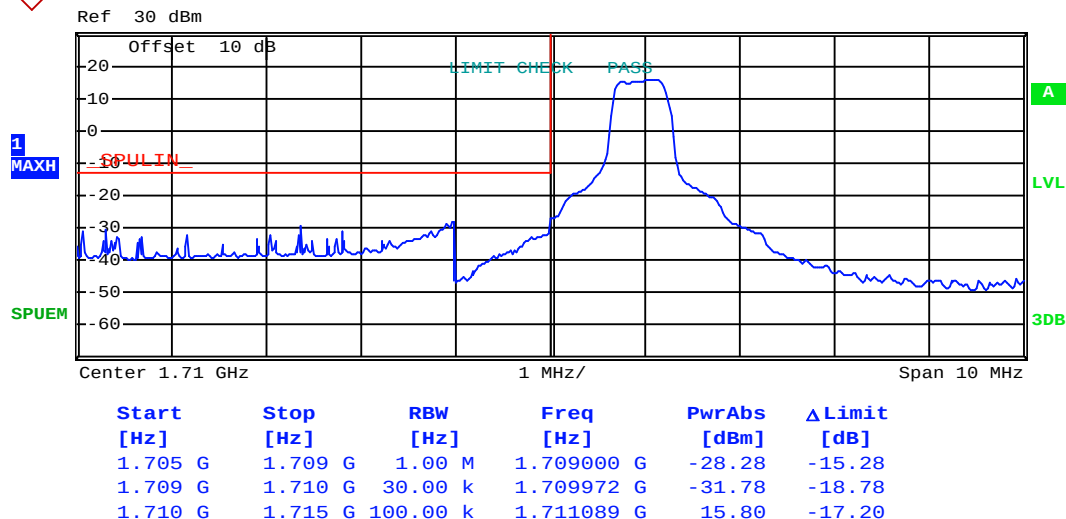
Lowest channel



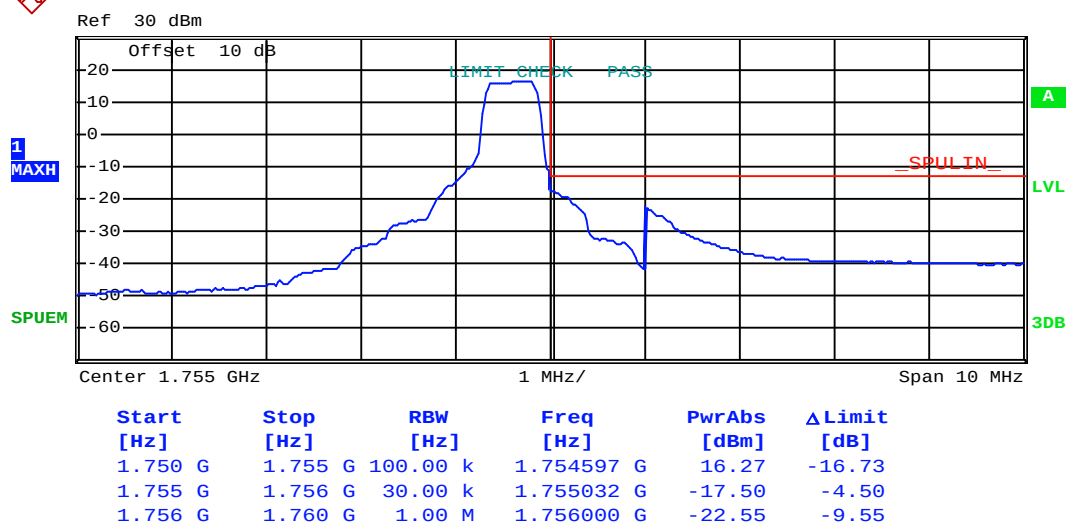
Highest channel

Test Mode:

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



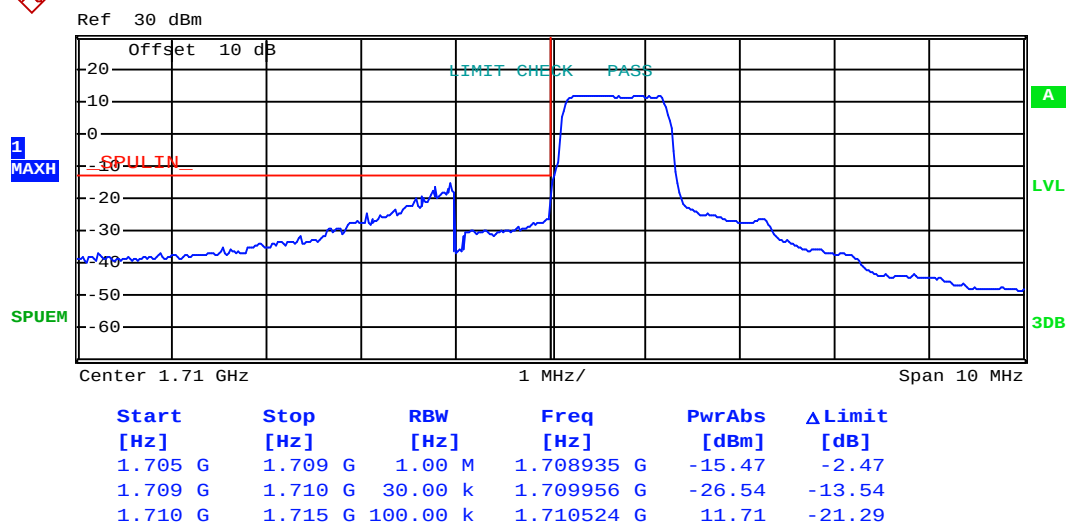
Lowest channel



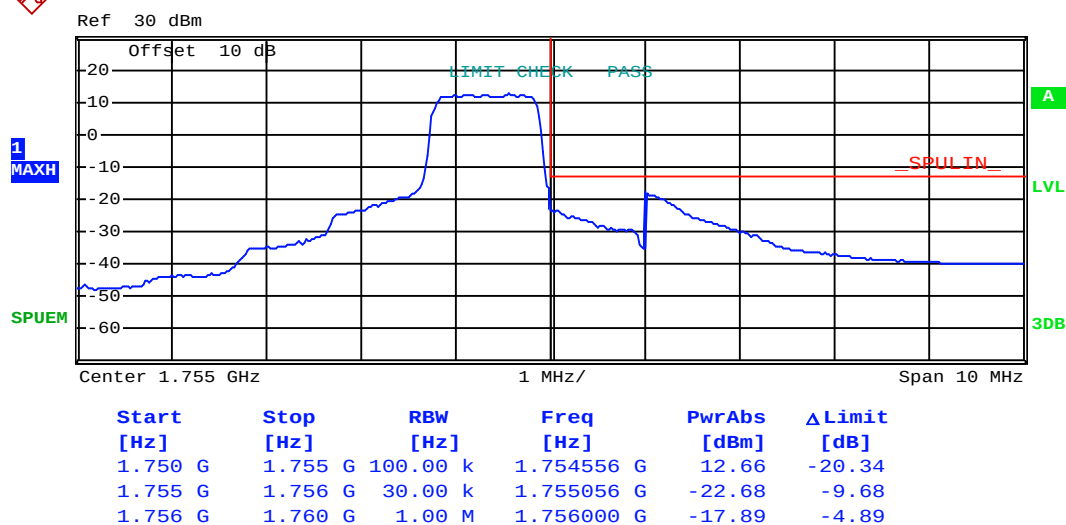
Highest channel

Test Mode:

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

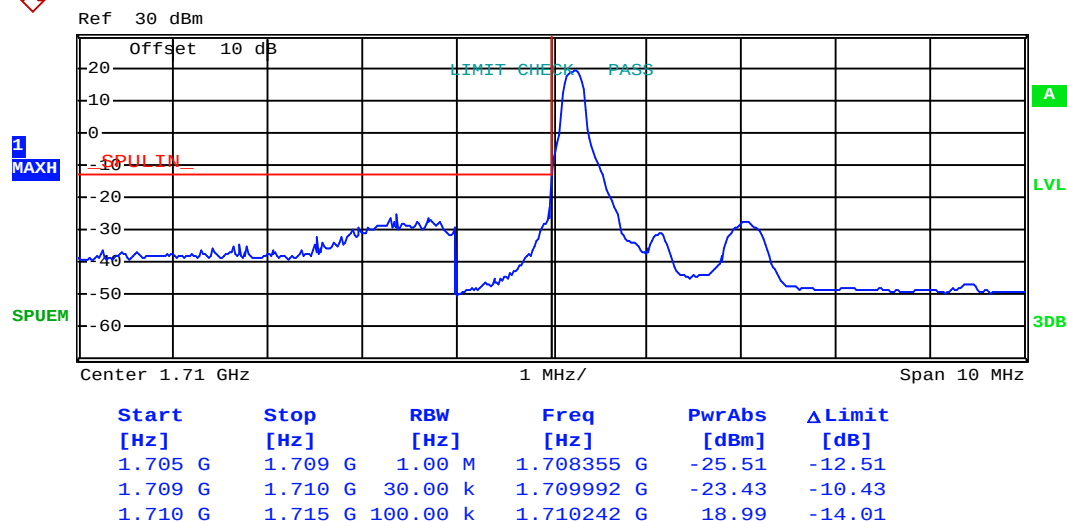


Lowest channel

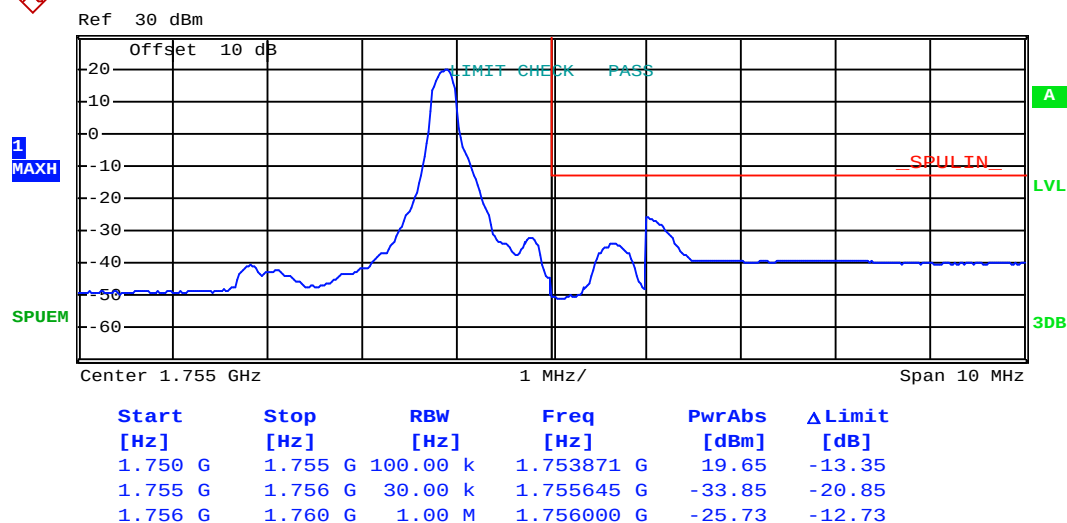


Highest channel

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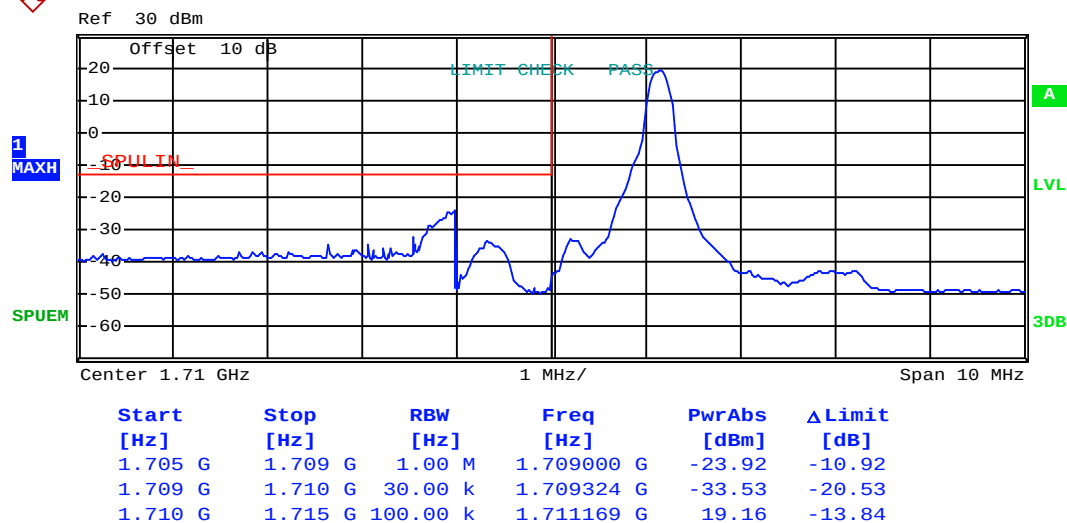


Lowest channel

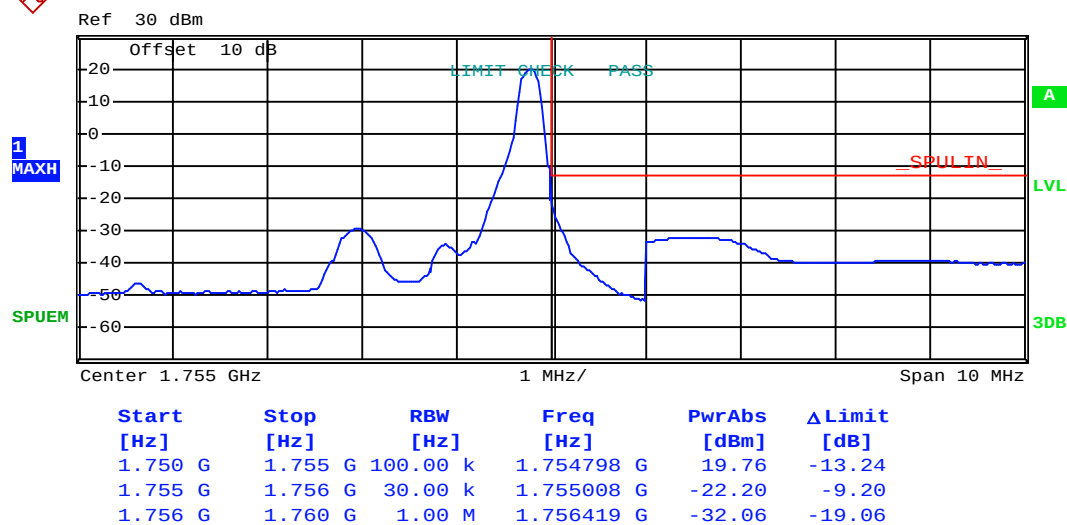


Highest channel

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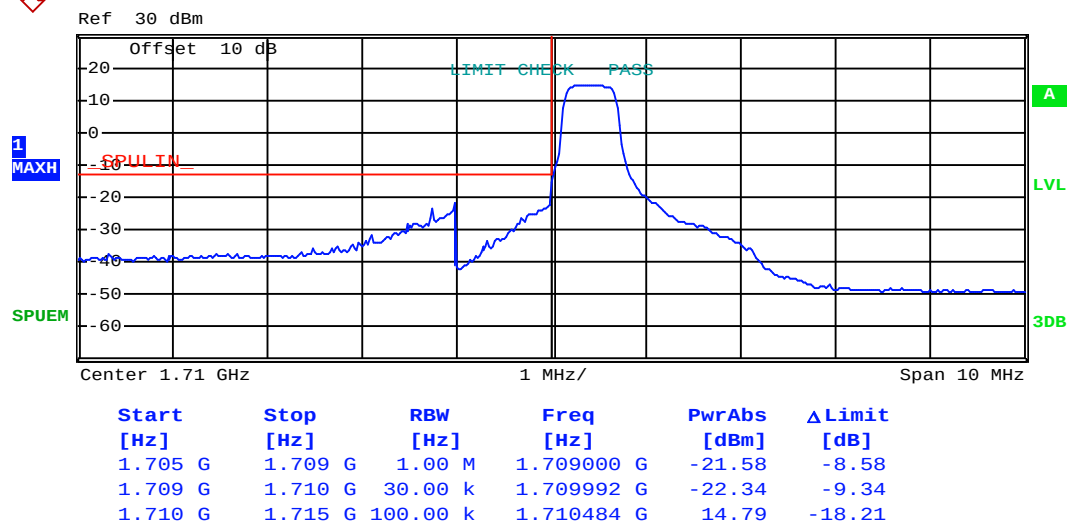


Lowest channel

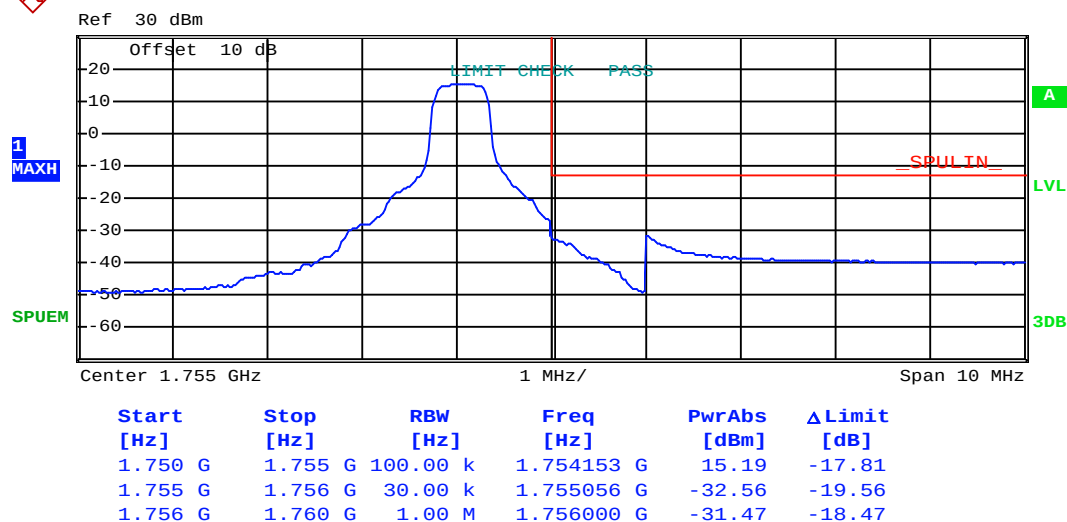


Highest channel

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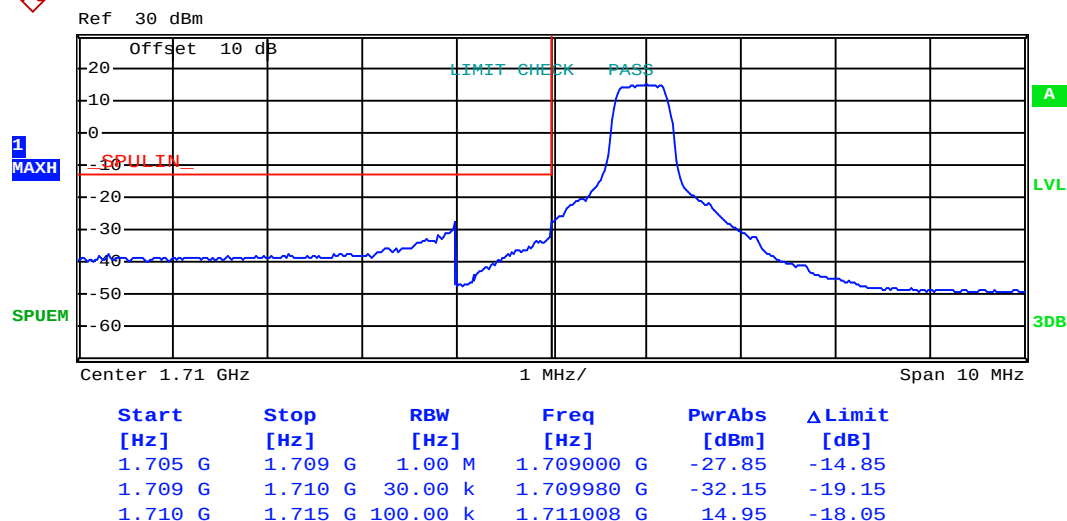


Lowest channel

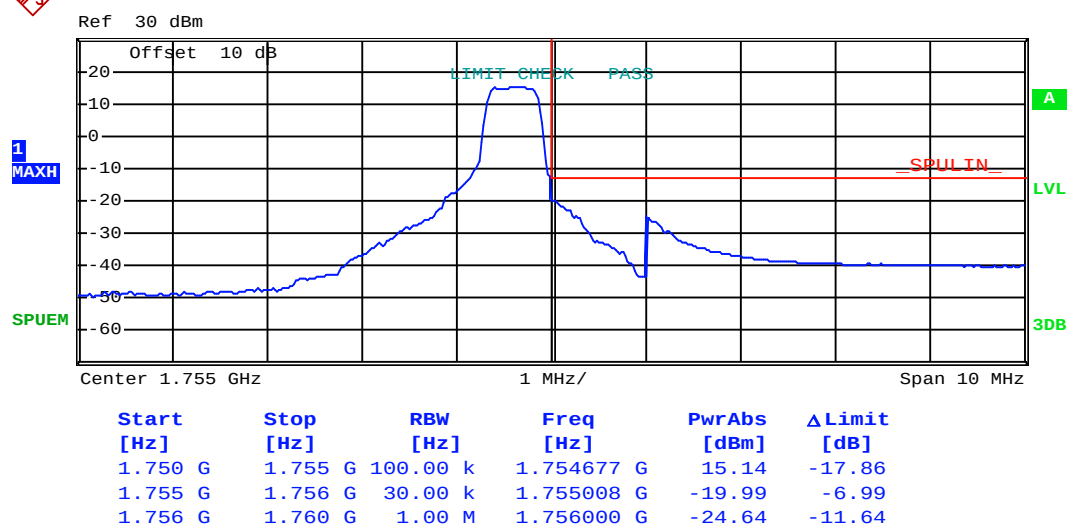


Highest channel

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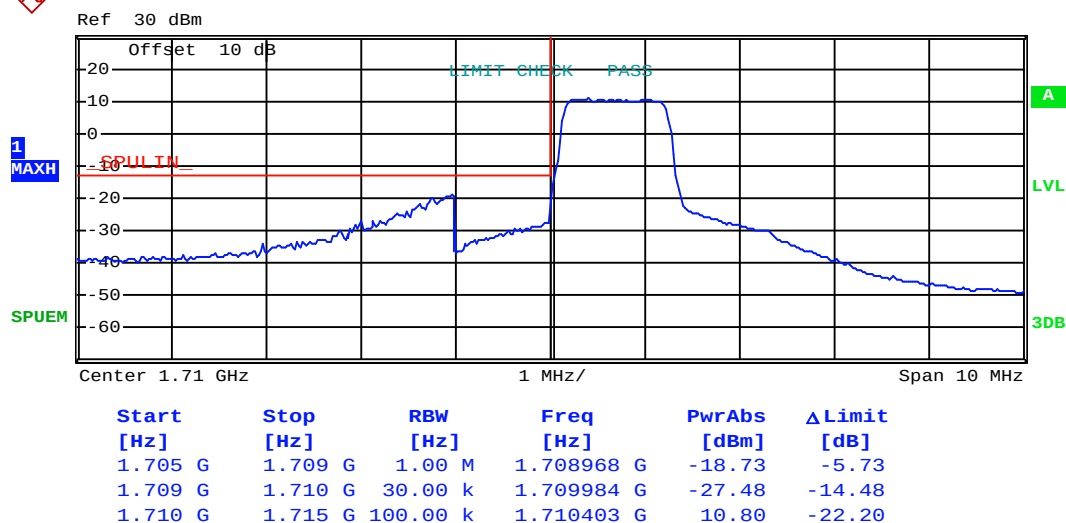
Lowest channel



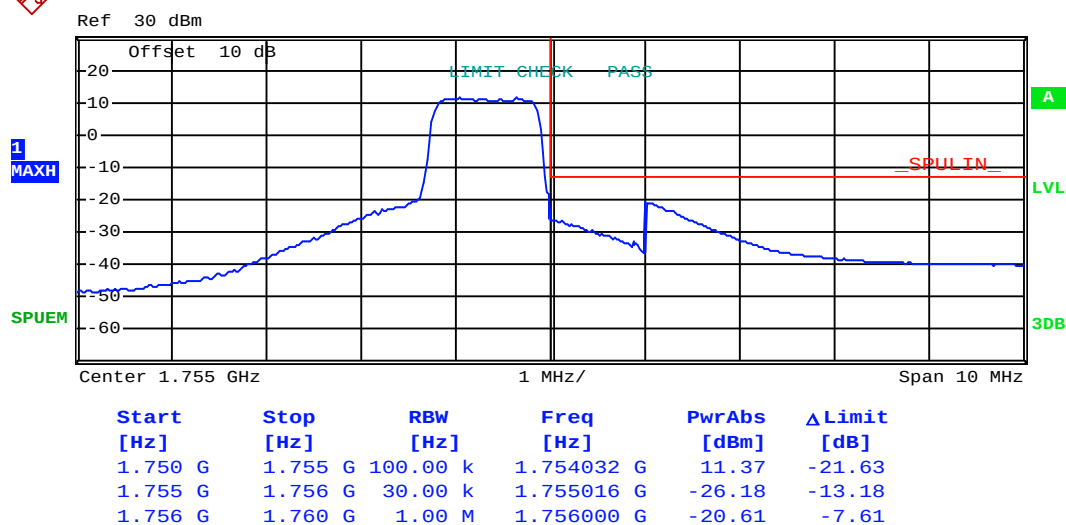
Highest channel

Test Mode:

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



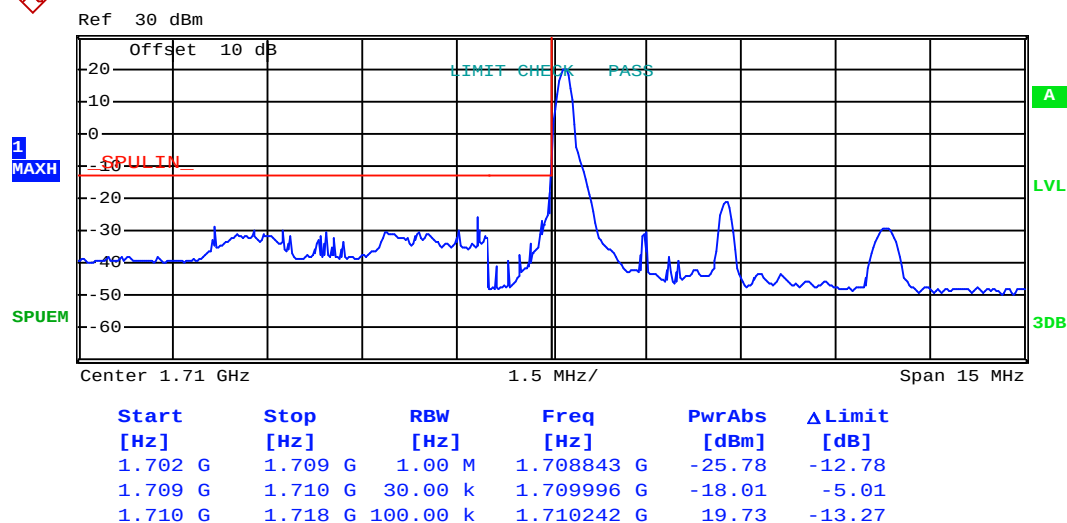
Lowest channel



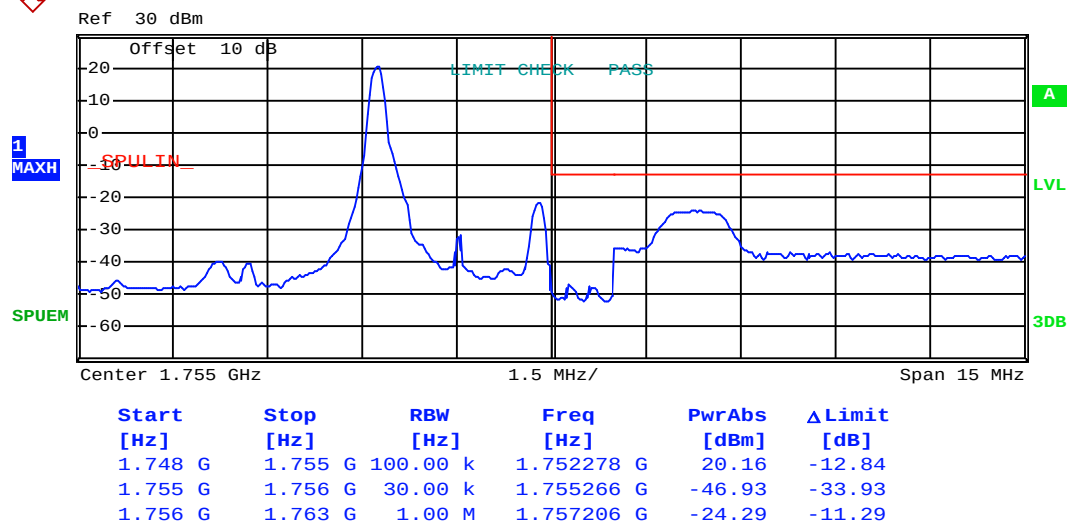
Highest channel

3MHz:

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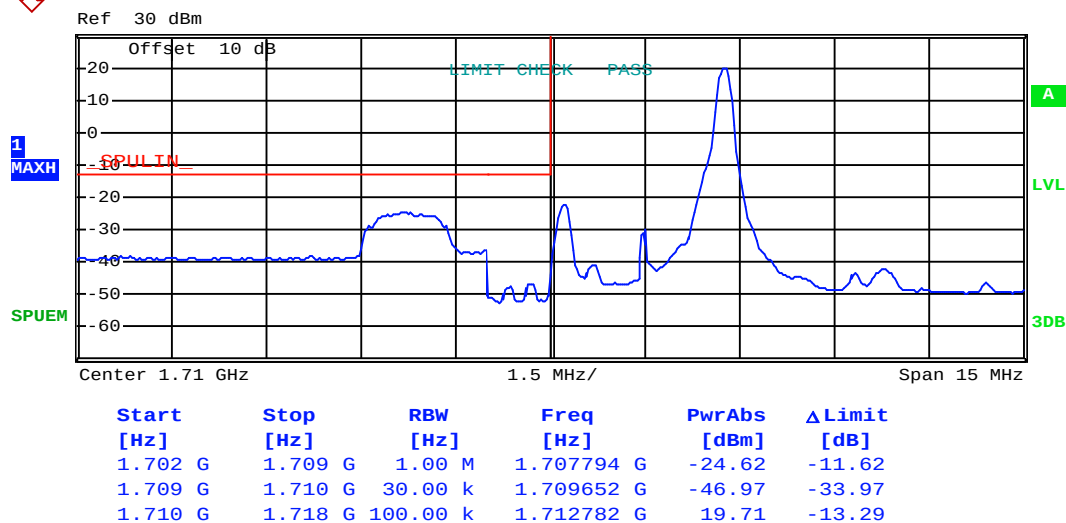
Lowest channel



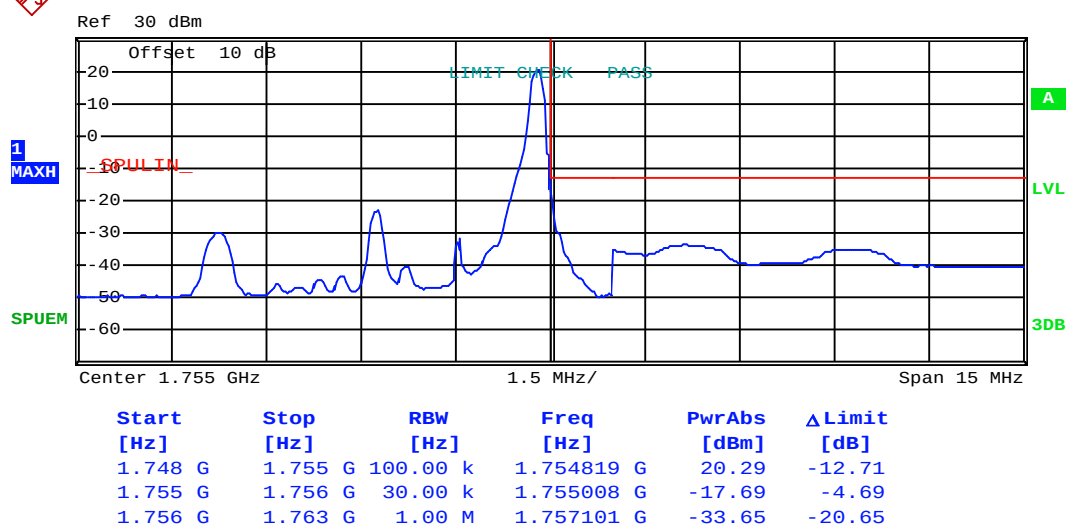
Highest channel

Test Mode:

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

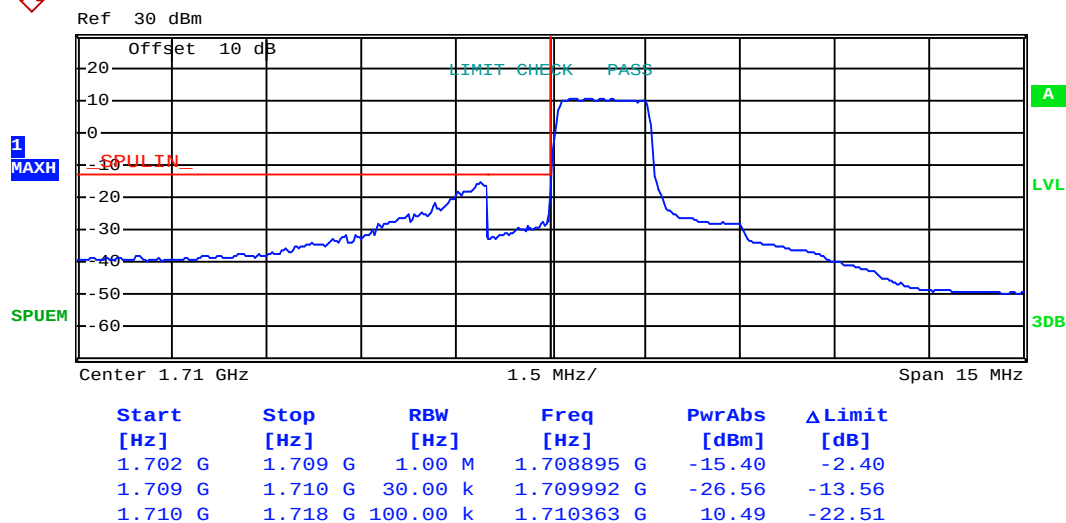


Lowest channel

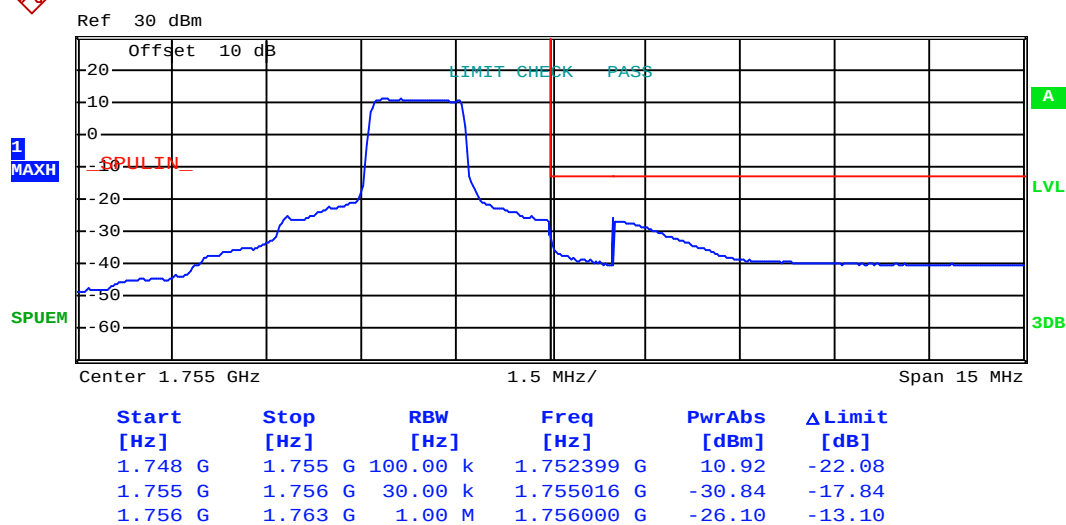


Highest channel

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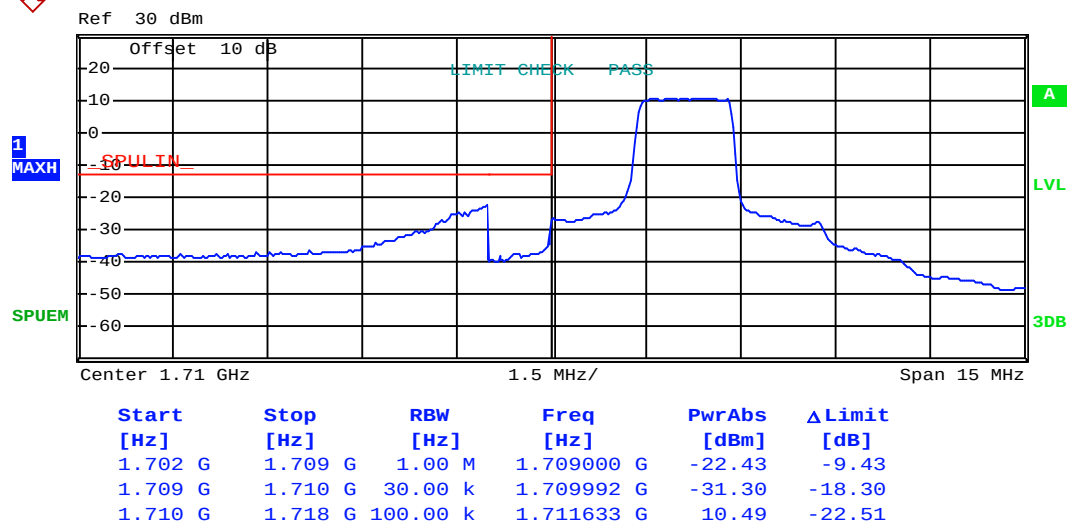


Lowest channel

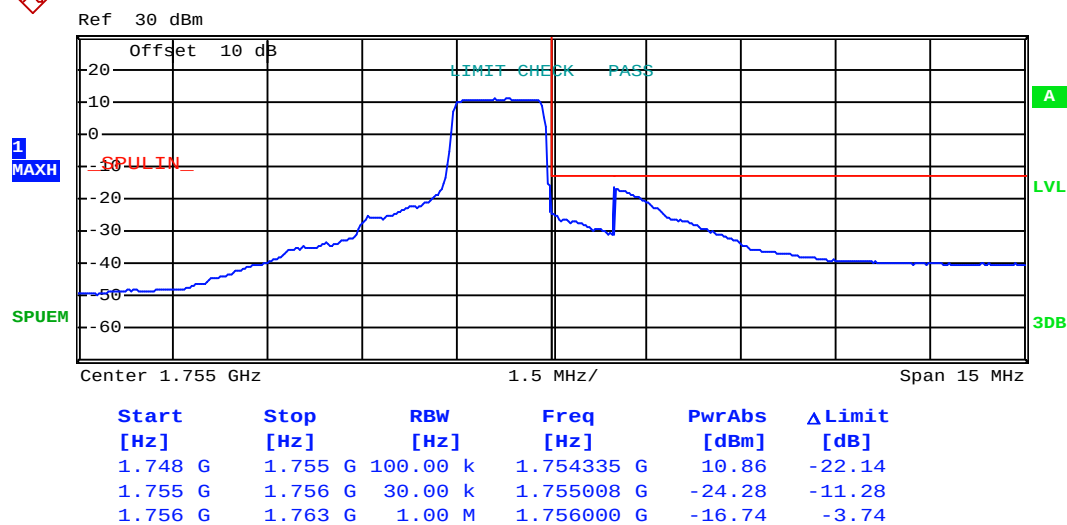


Highest channel

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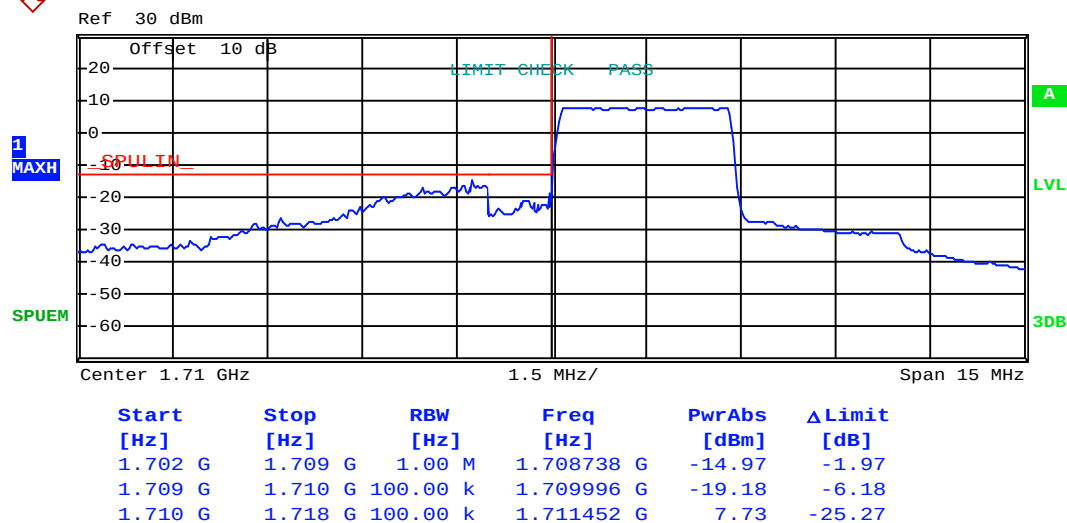


Lowest channel

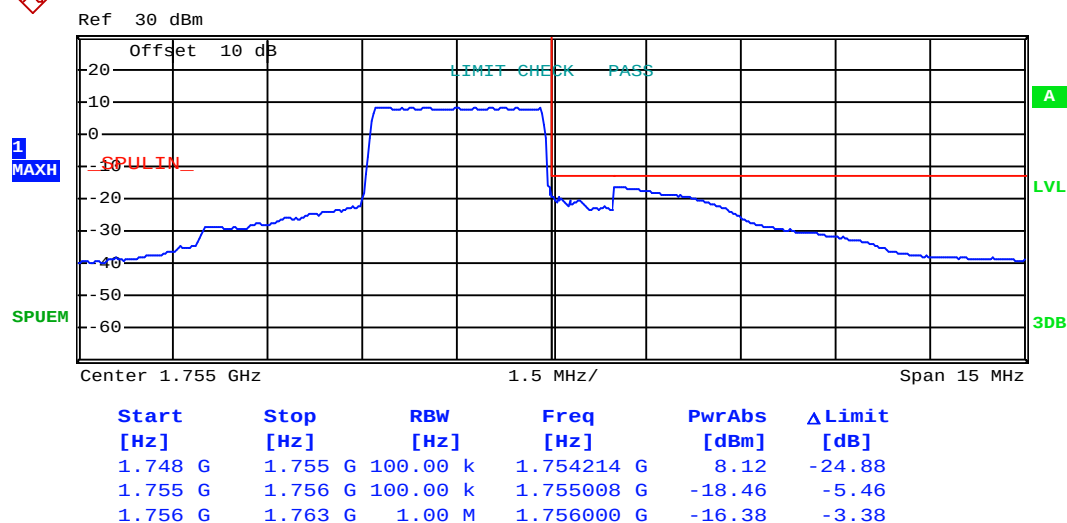


Highest channel

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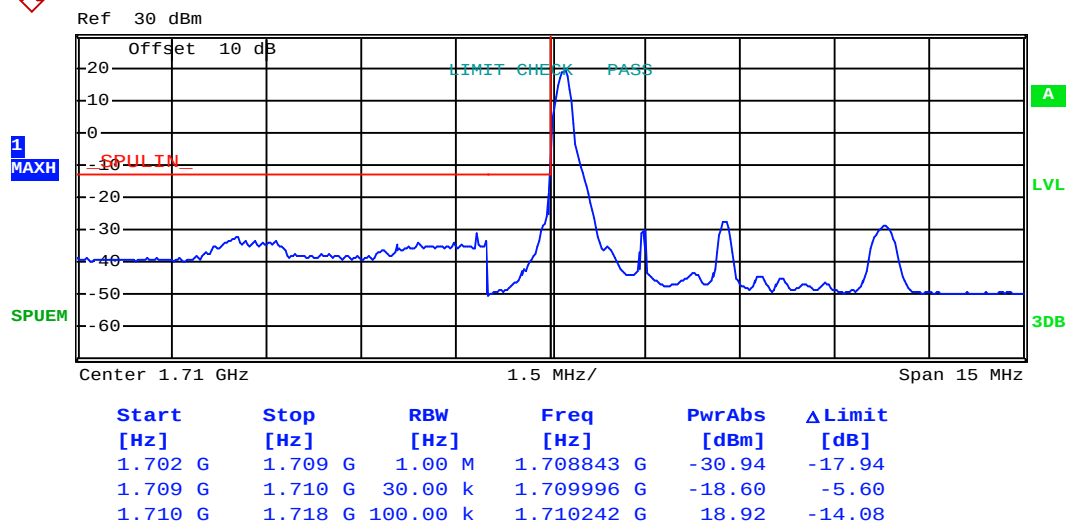
Lowest channel



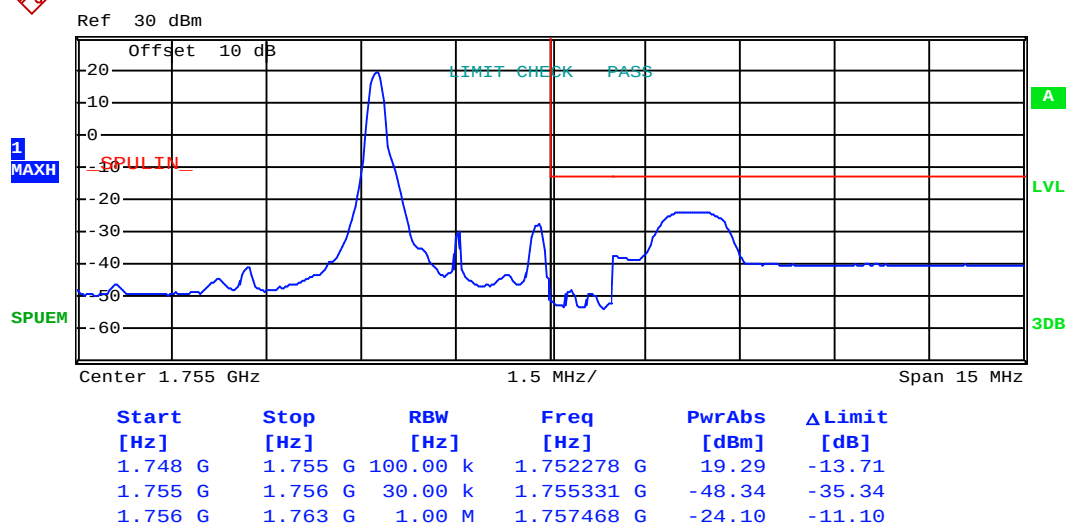
Highest channel

Test Mode:

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

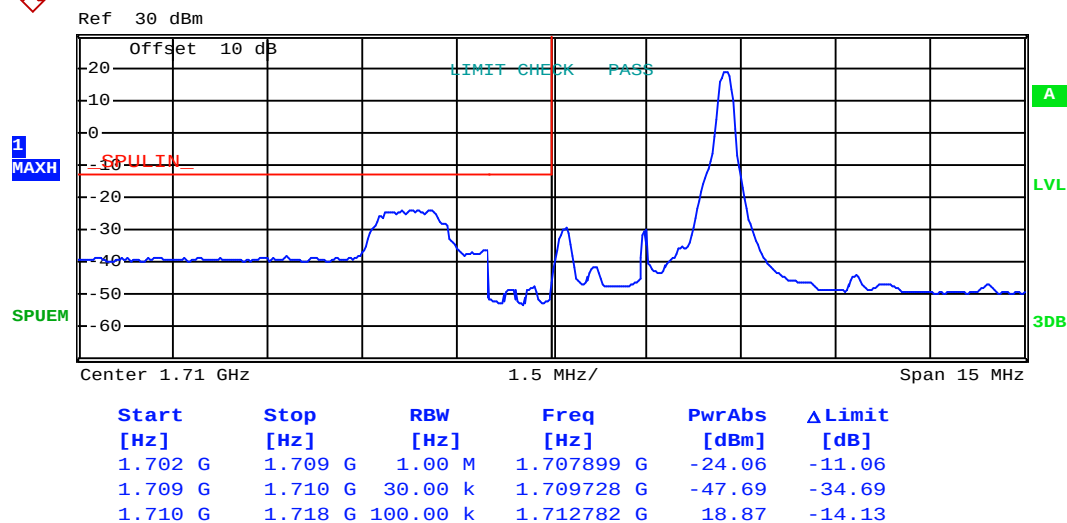


Lowest channel

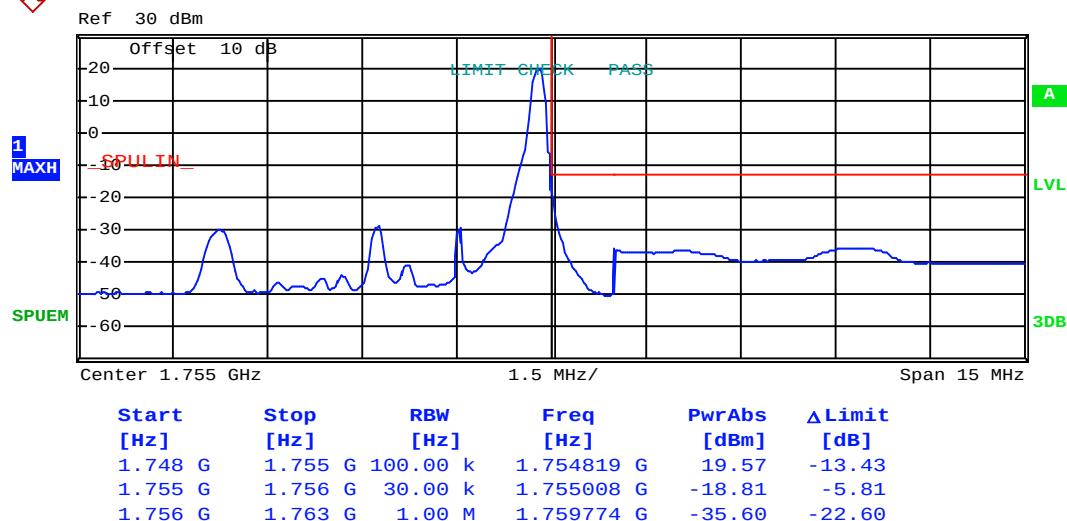


Highest channel

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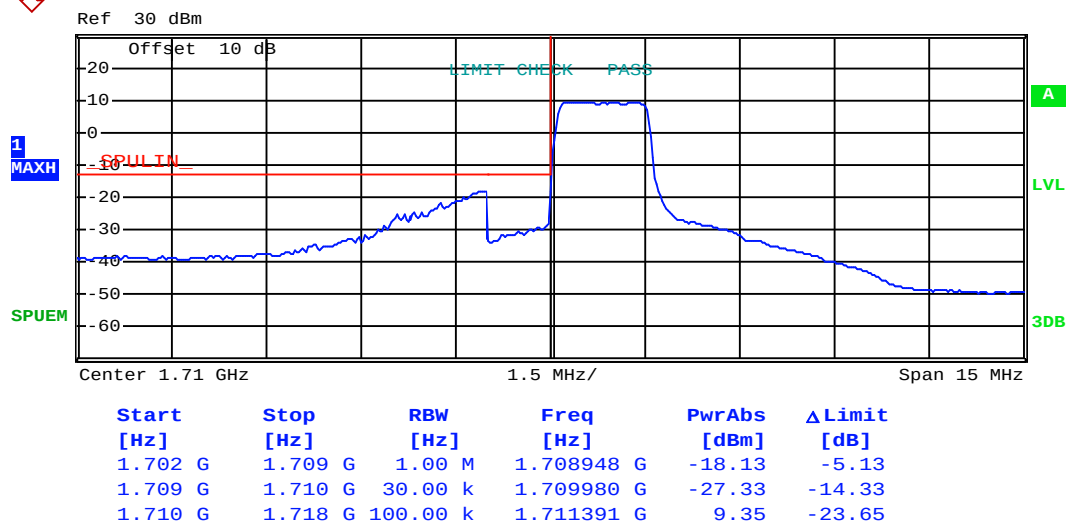
Lowest channel



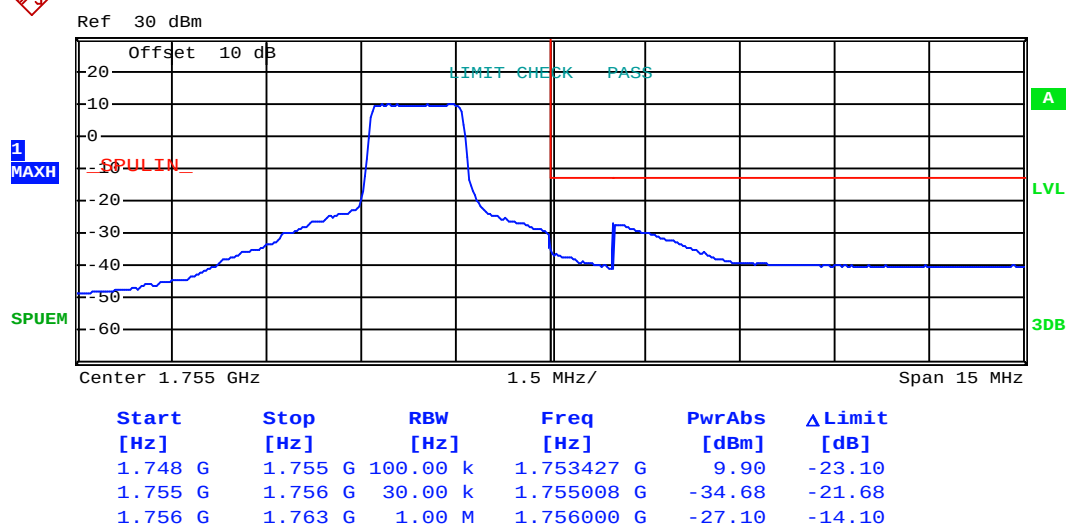
Highest channel

Test Mode:

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

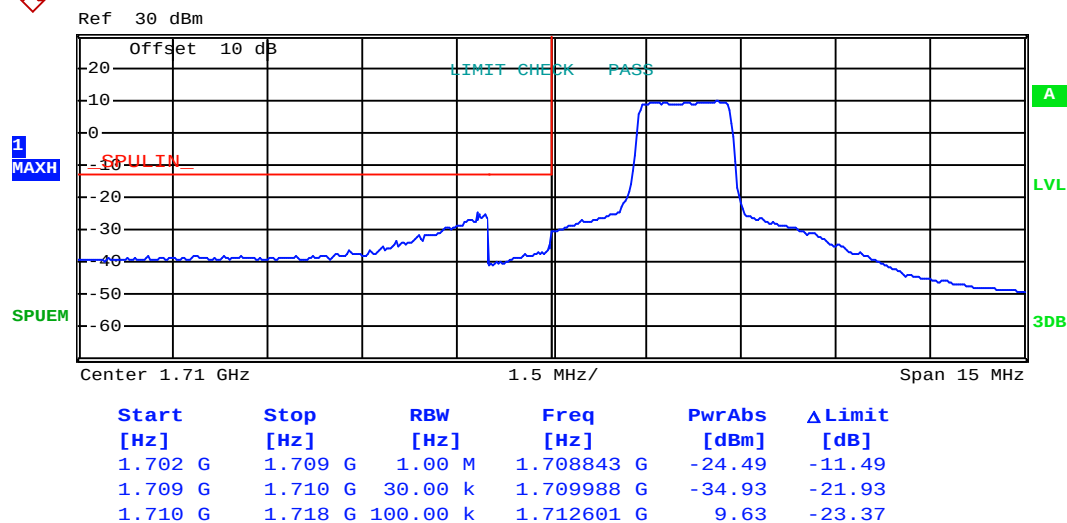


Lowest channel

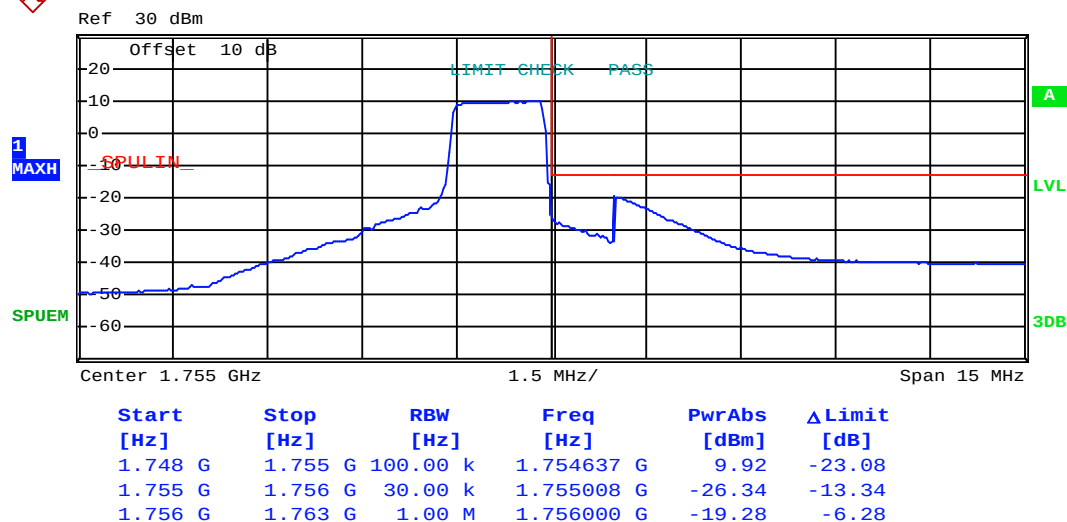


Highest channel

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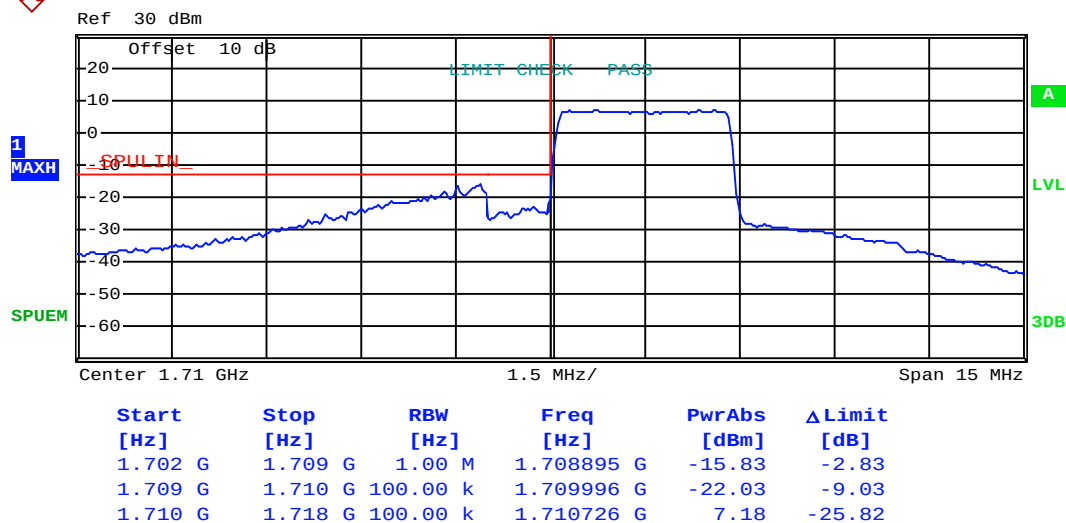
Lowest channel



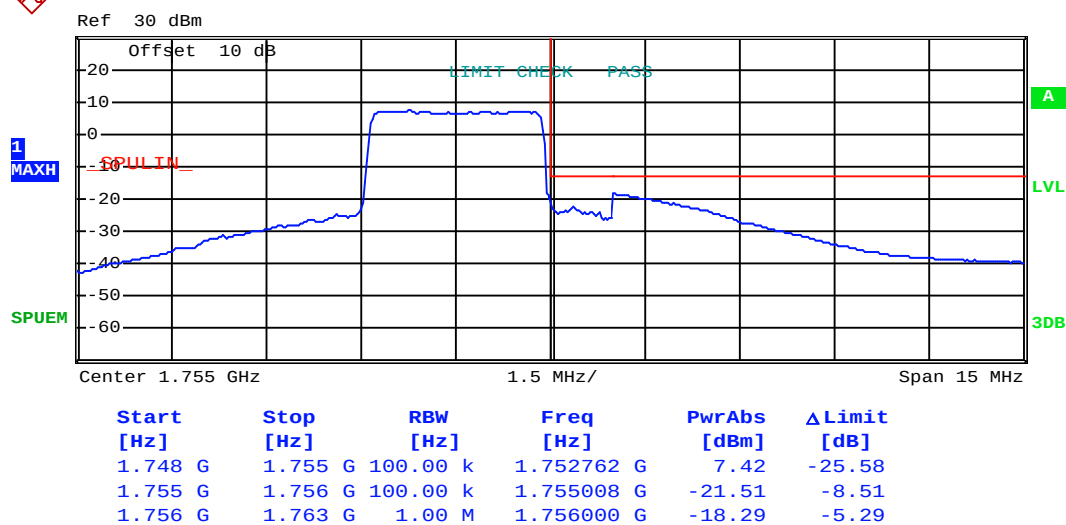
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 15 & RB Offset 0)



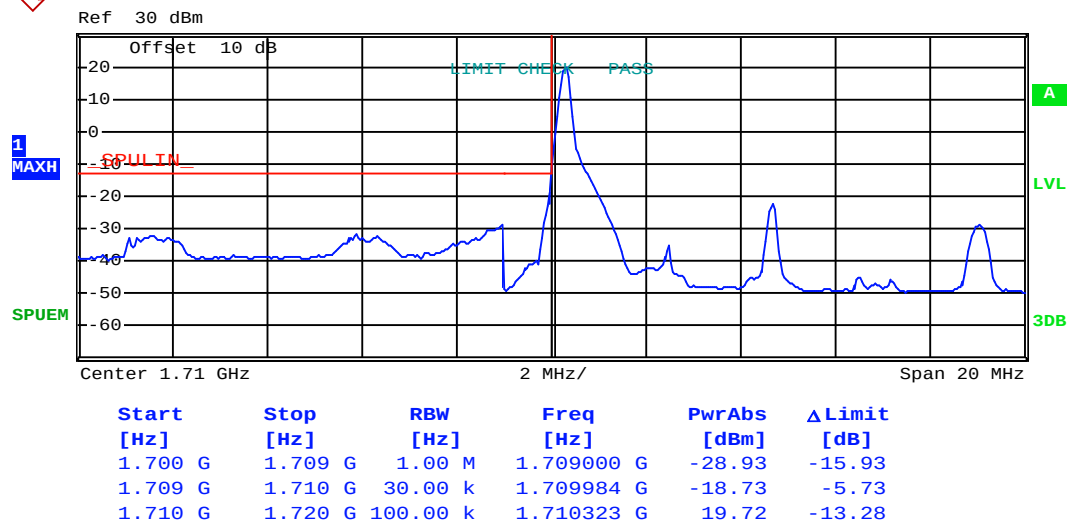
Lowest channel



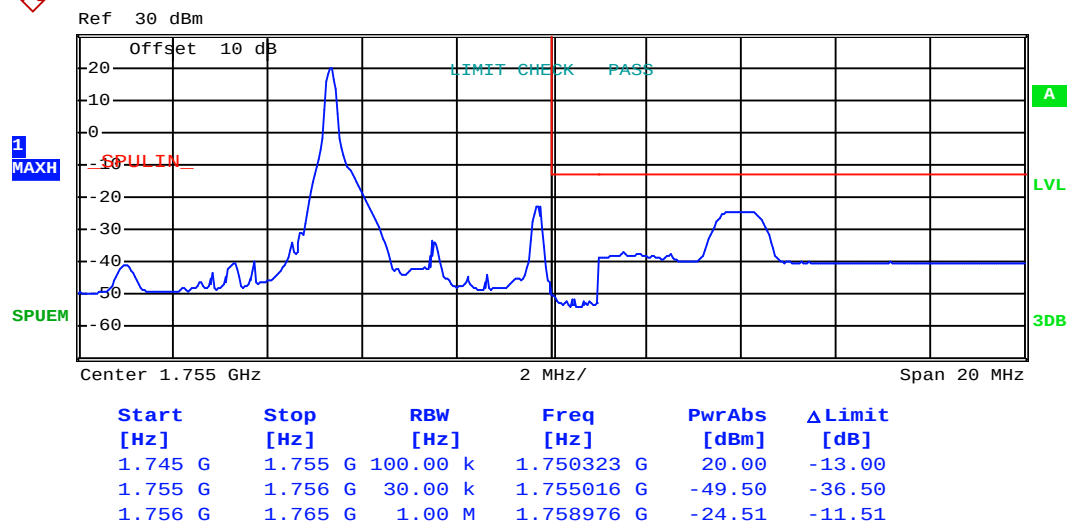
Highest channel

5MHz:

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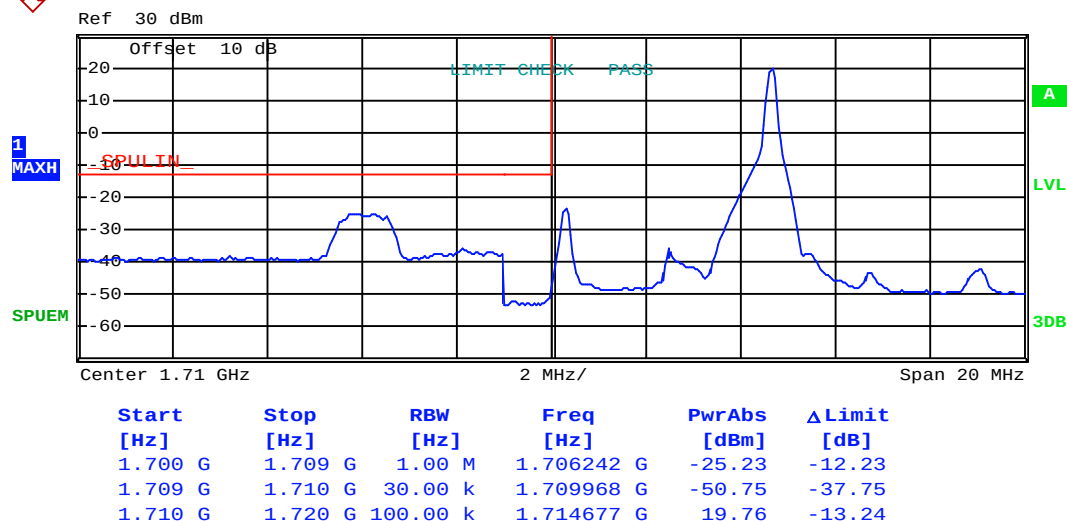


Lowest channel

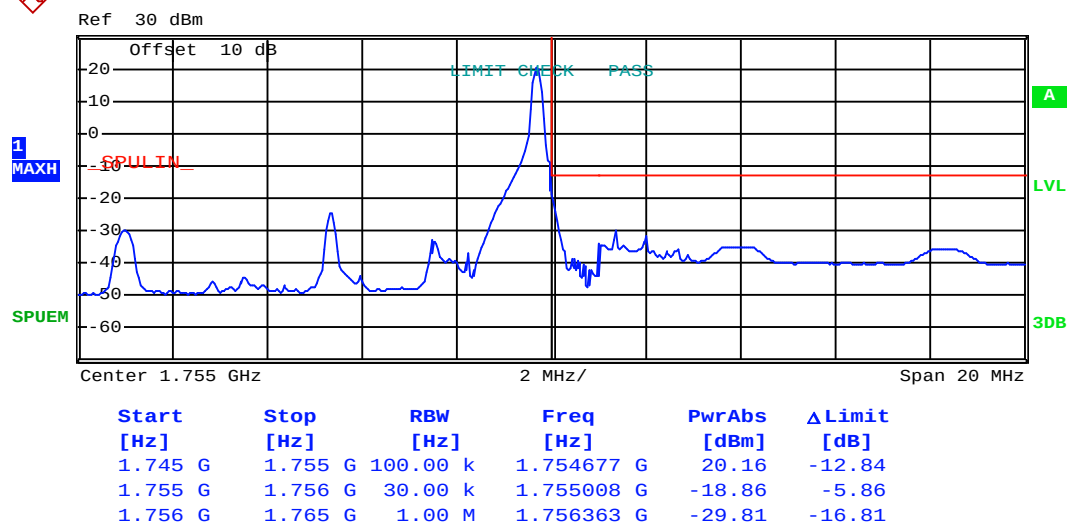


Highest channel

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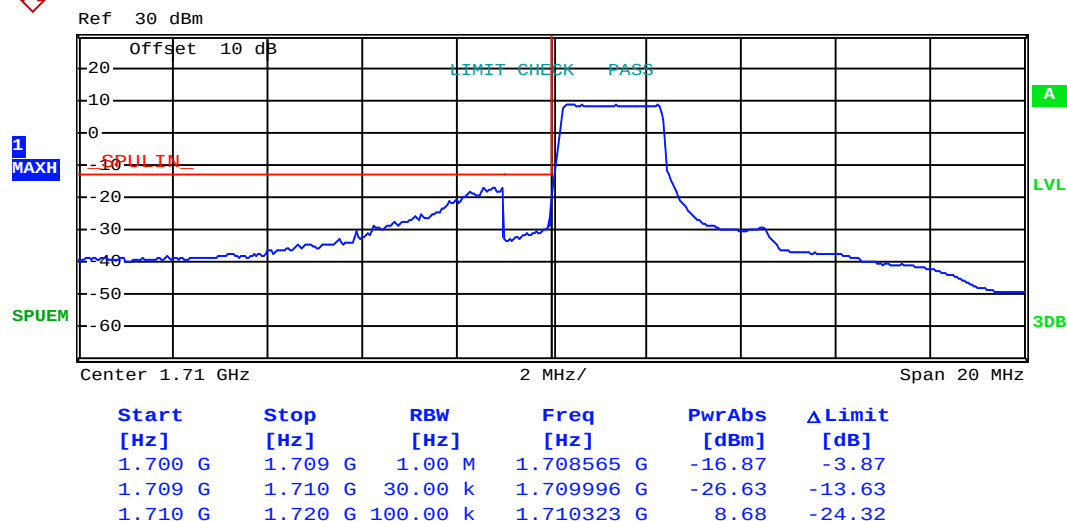


Lowest channel

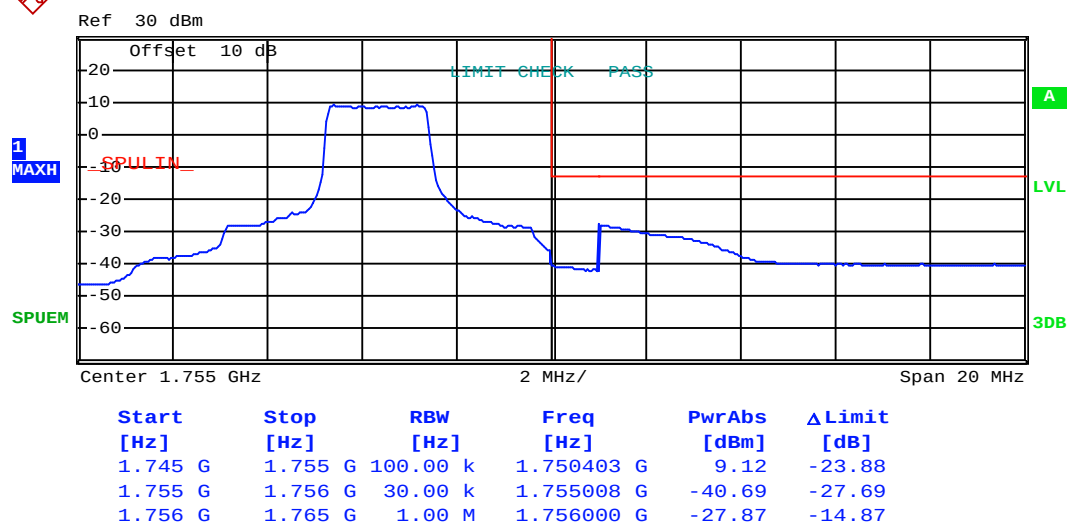


Highest channel

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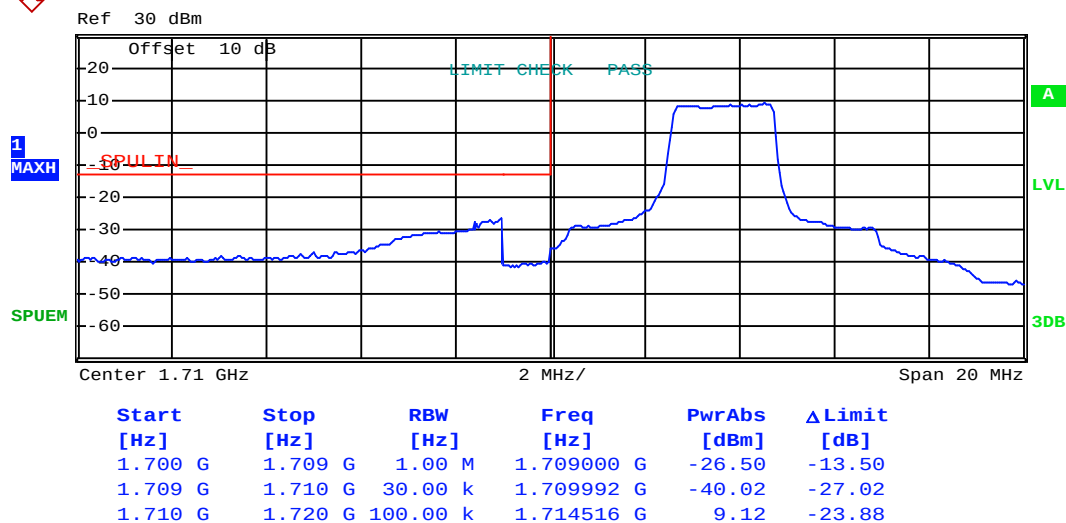


Lowest channel

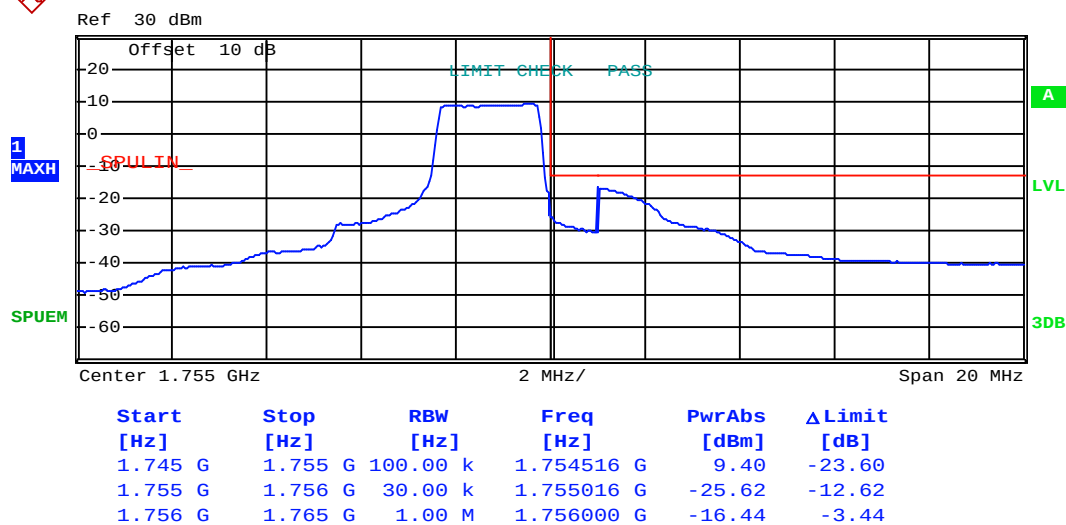


Highest channel

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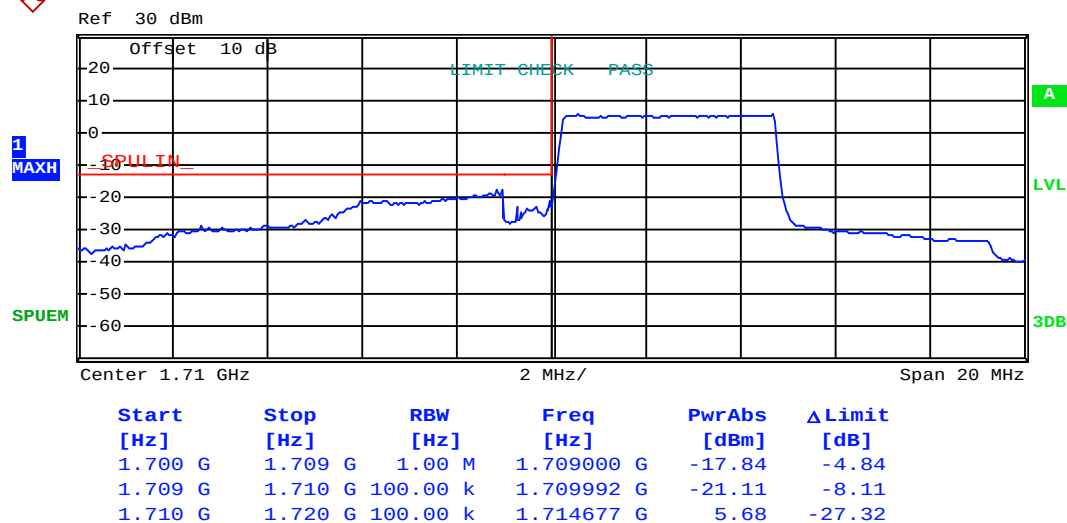


Lowest channel

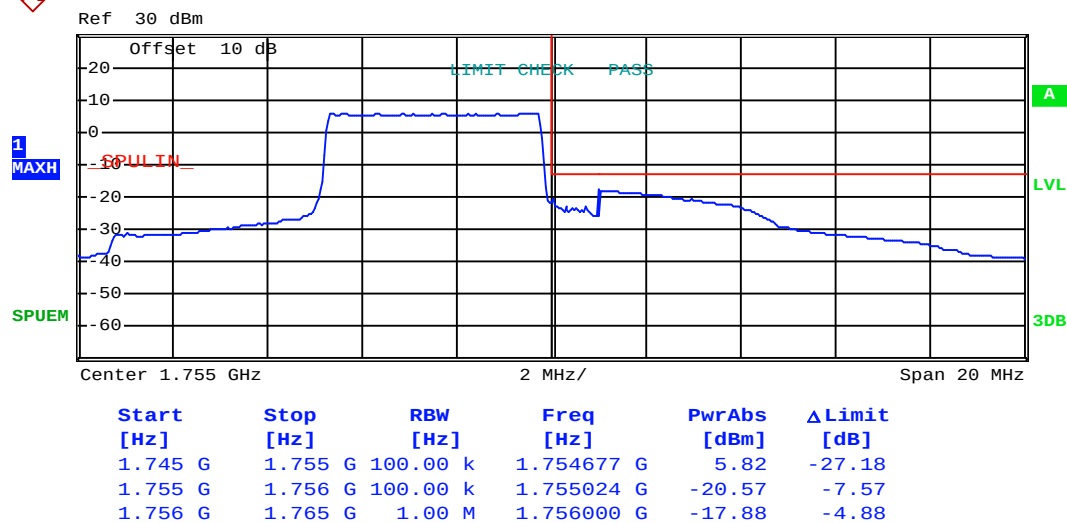


Highest channel

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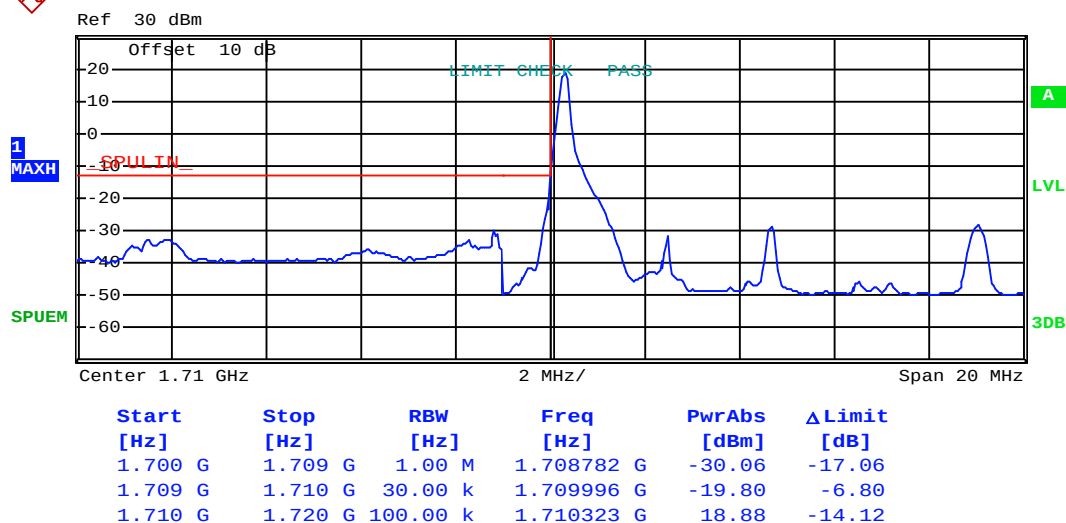
Lowest channel



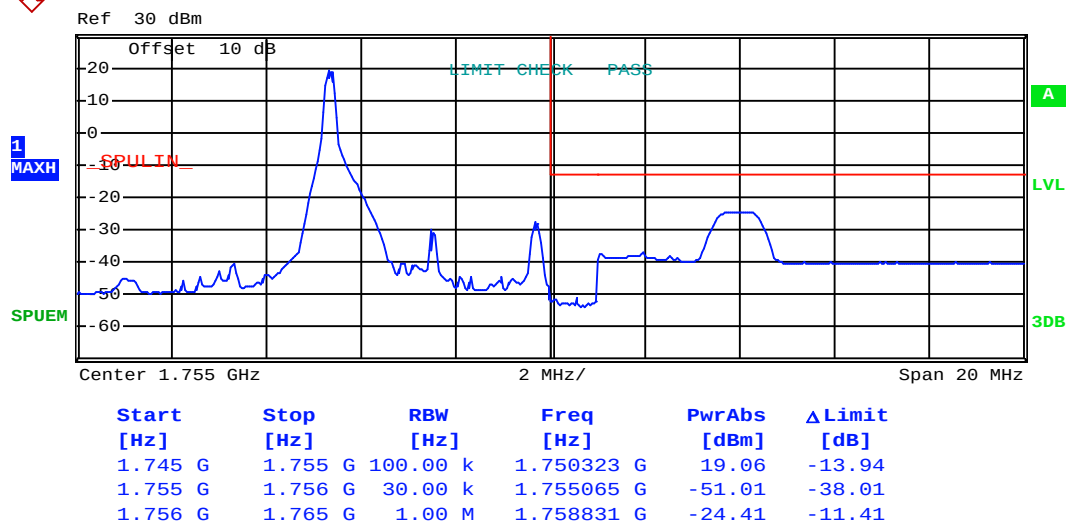
Highest channel

Test Mode:

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

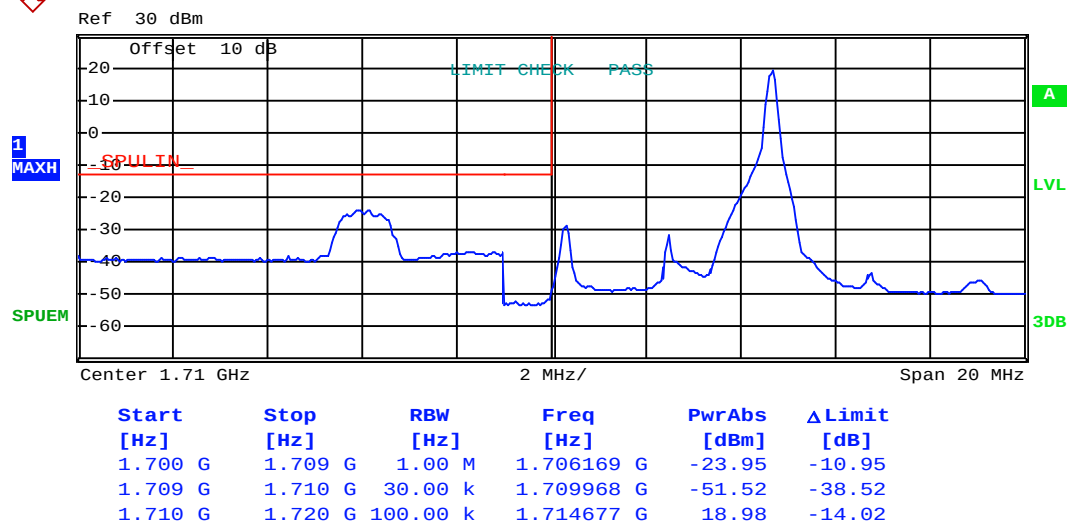


Lowest channel

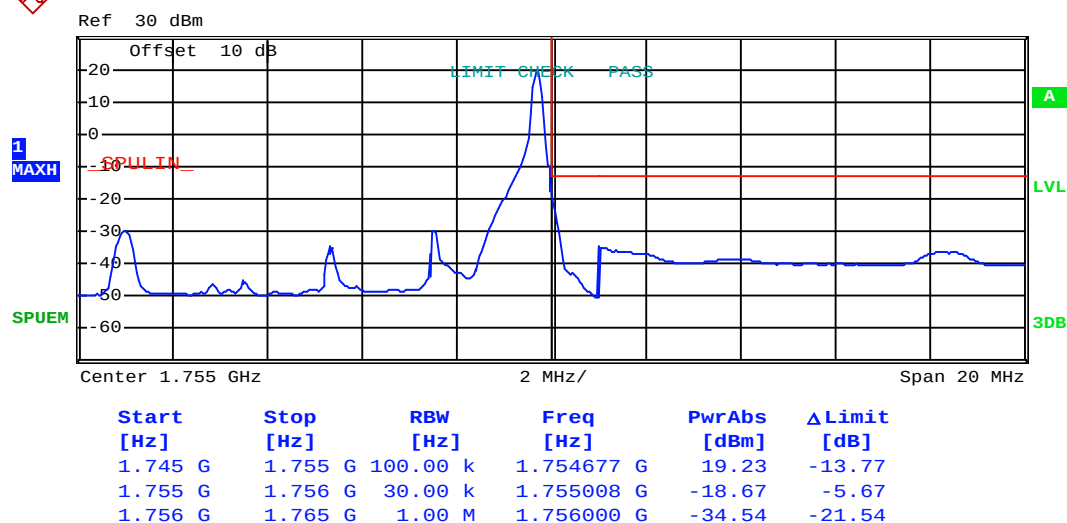


Highest channel

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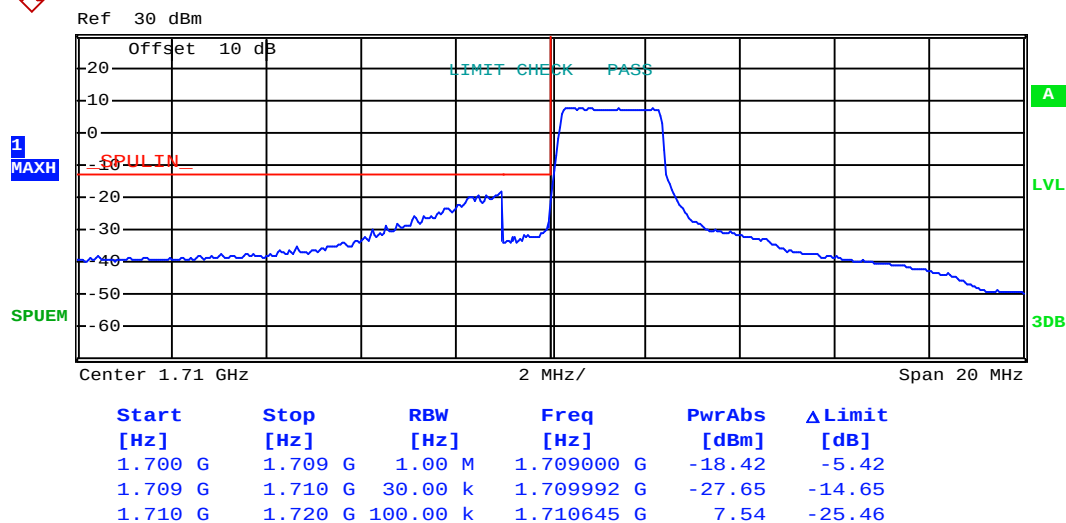
Lowest channel



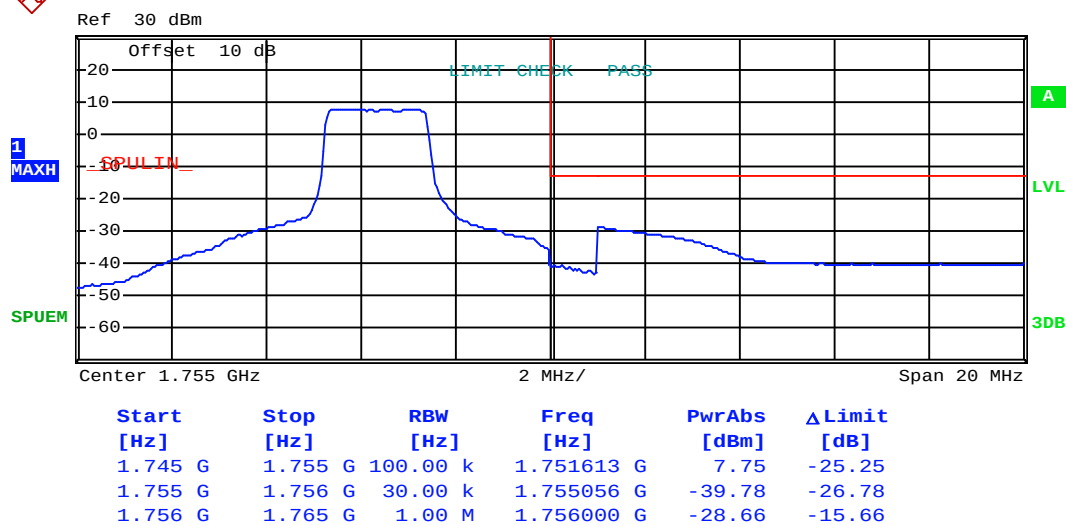
Highest channel

Test Mode:

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



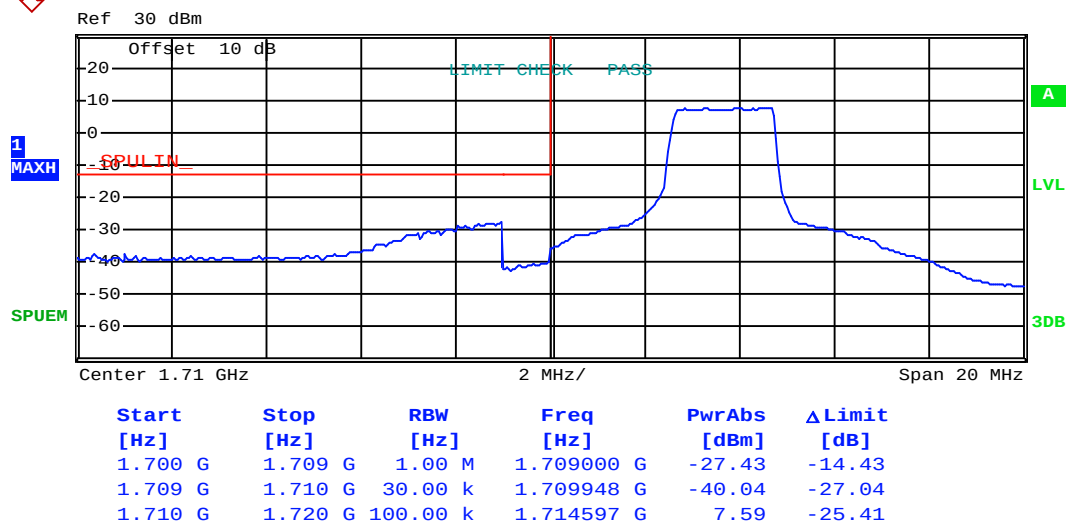
Lowest channel



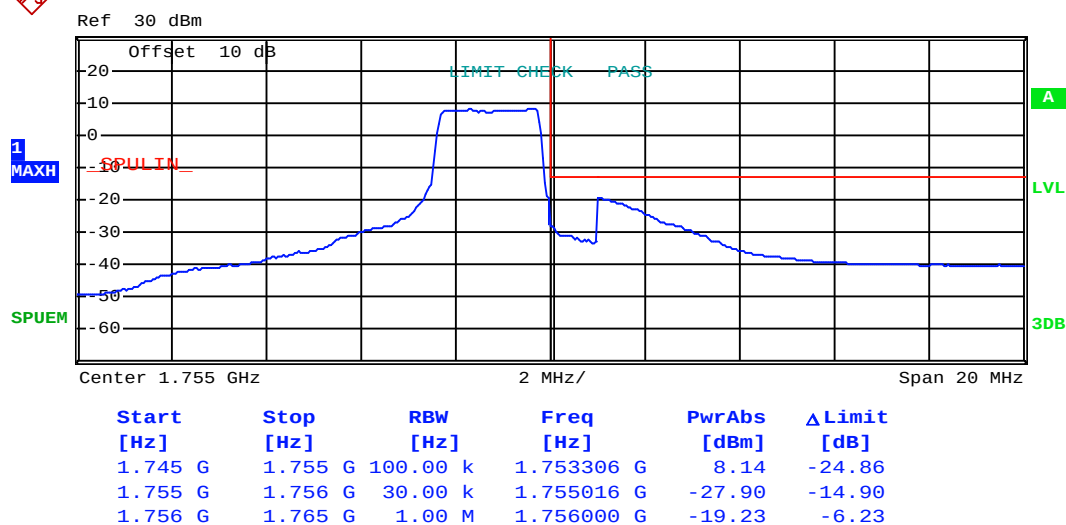
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 12 & RB Offset 11)



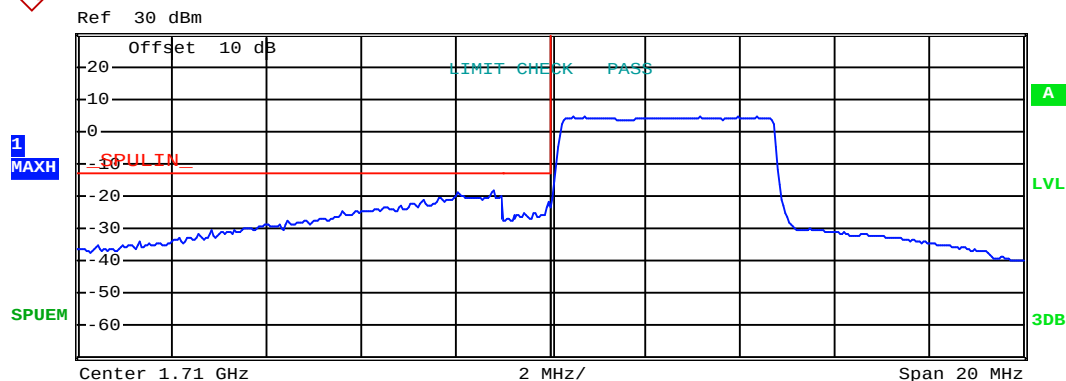
Lowest channel



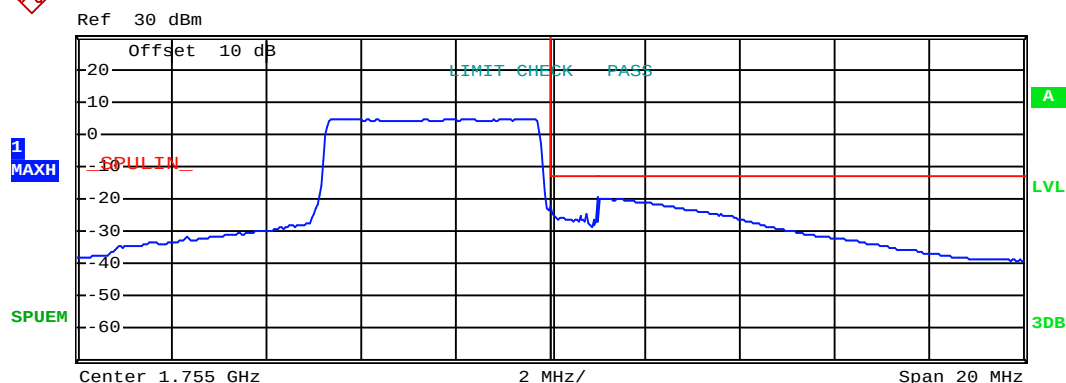
Highest channel

Test Mode:

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



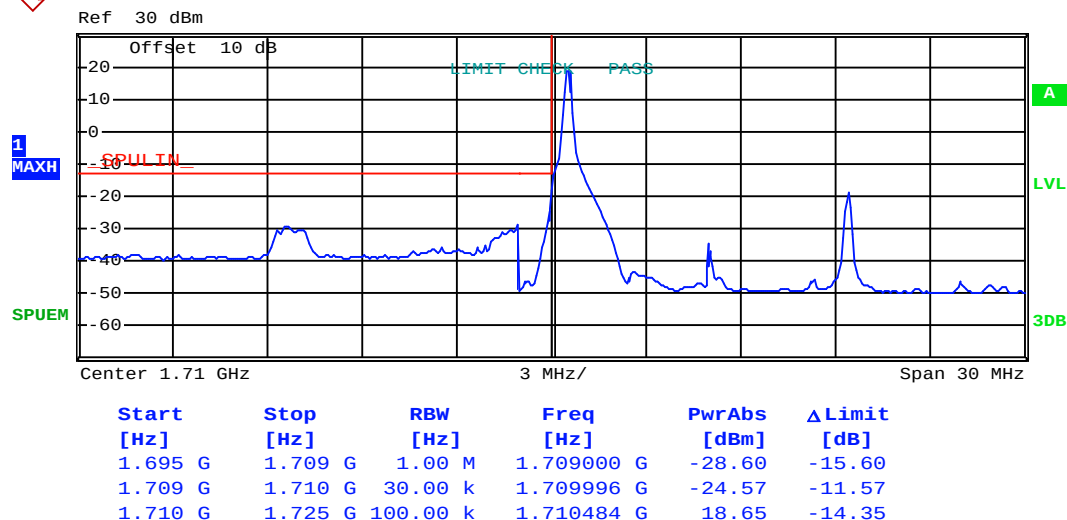
Lowest channel



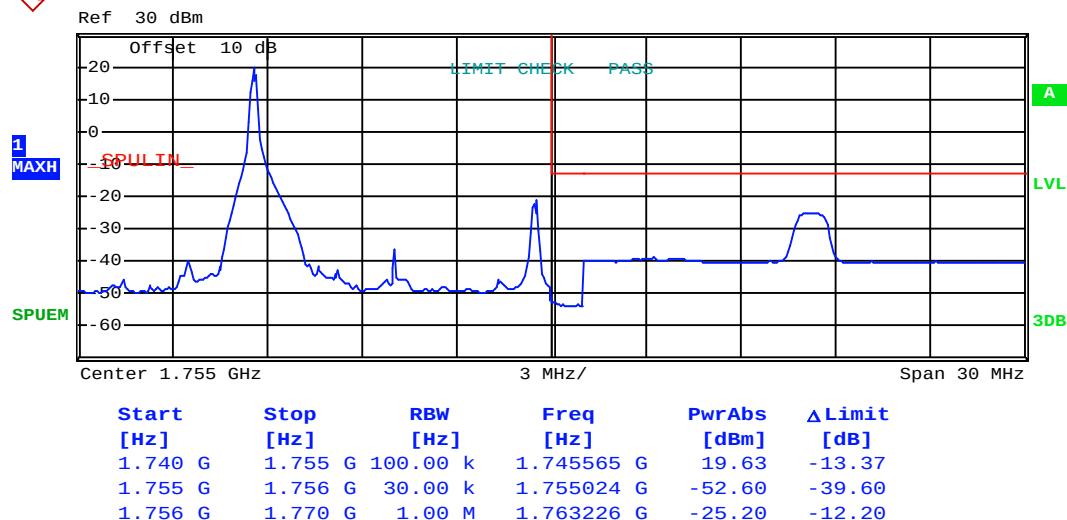
Highest channel

10MHz:

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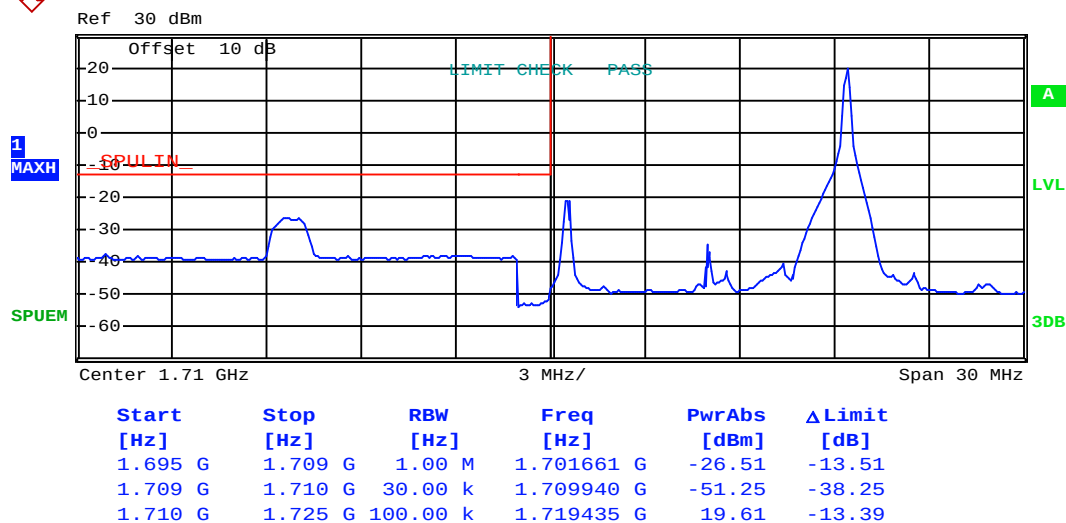
Lowest channel



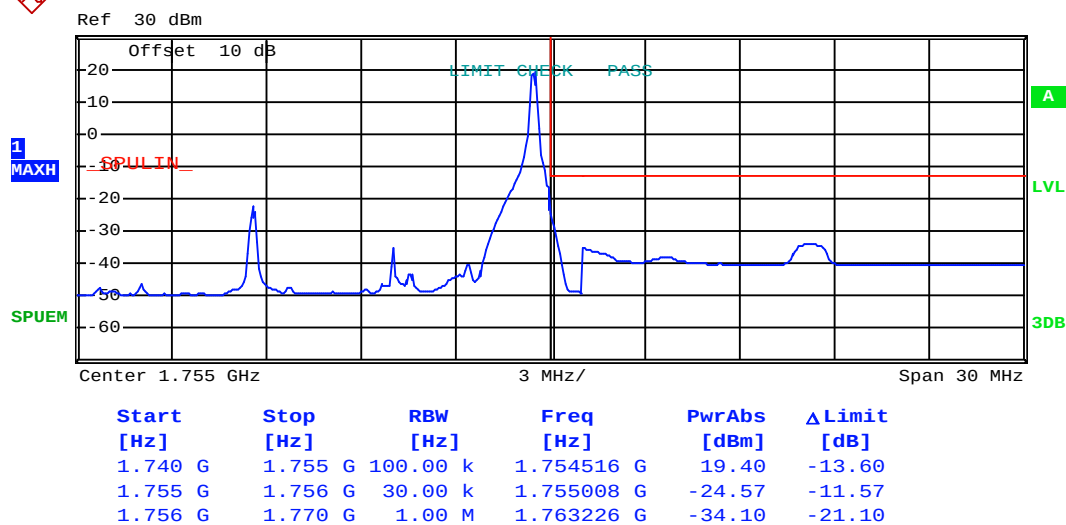
Highest channel

Test Mode:

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

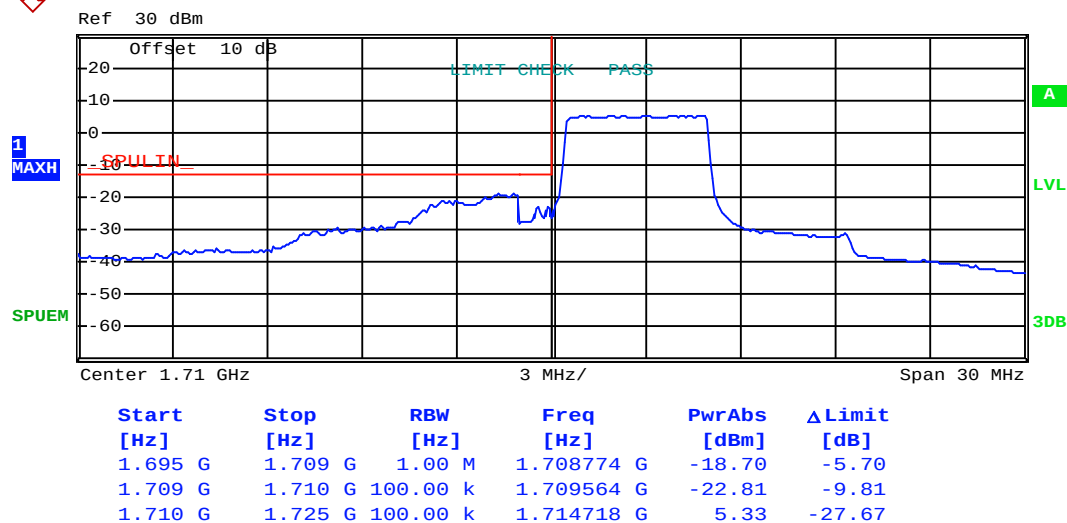


Lowest channel

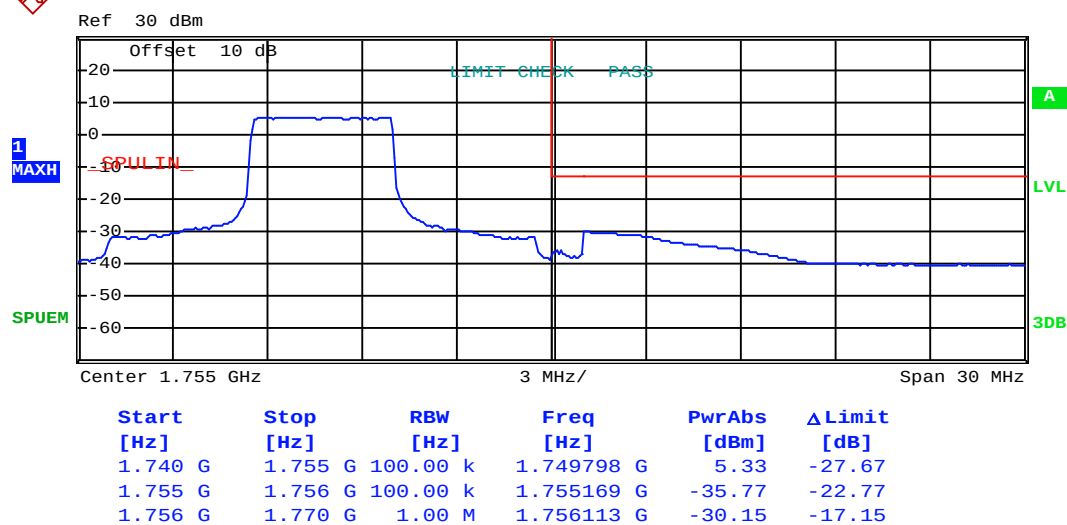


Highest channel

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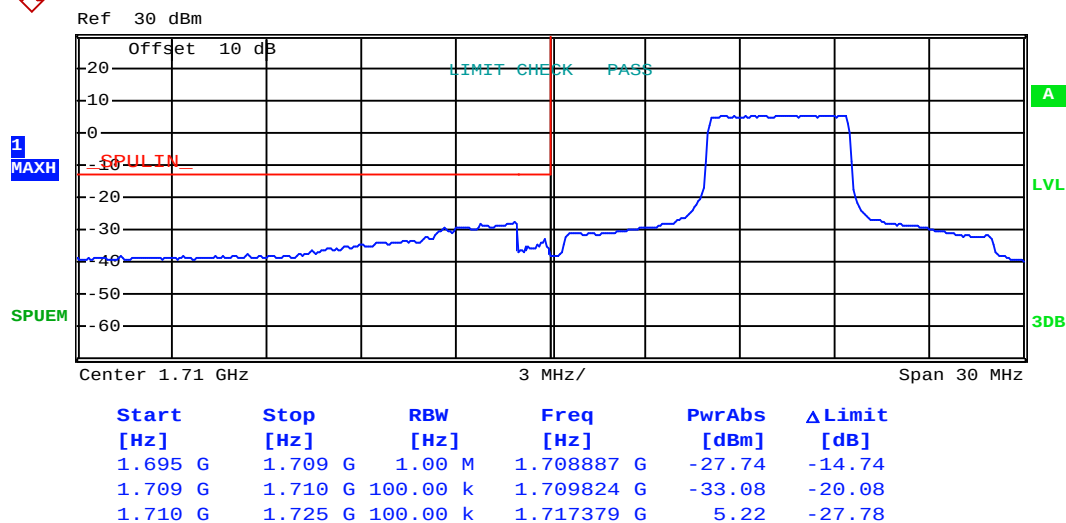
Lowest channel



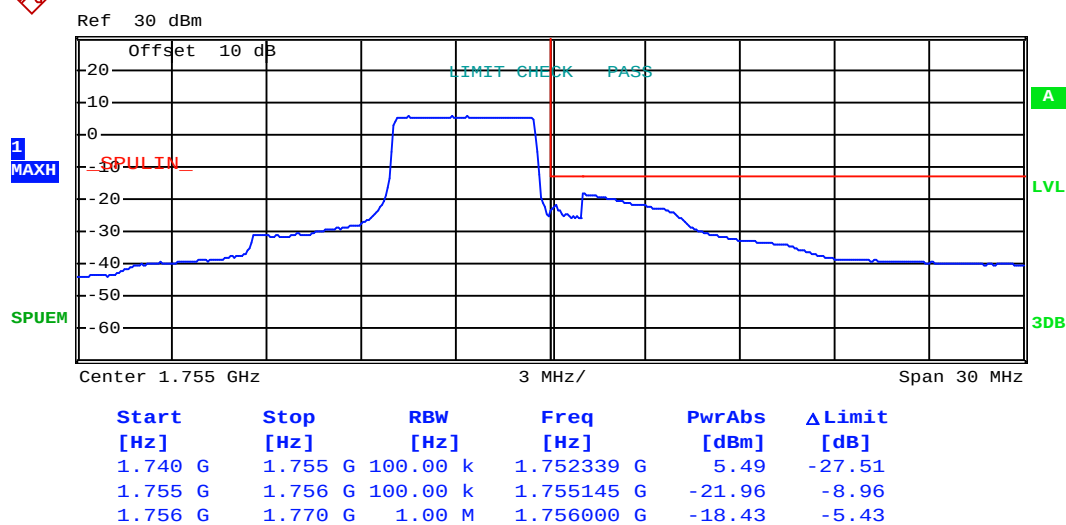
Highest channel

Test Mode:

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

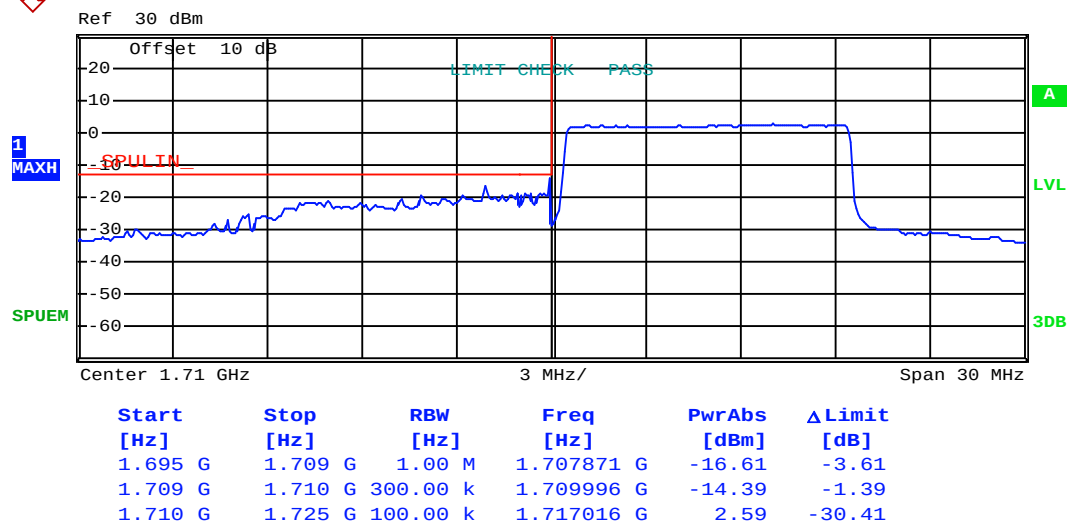


Lowest channel

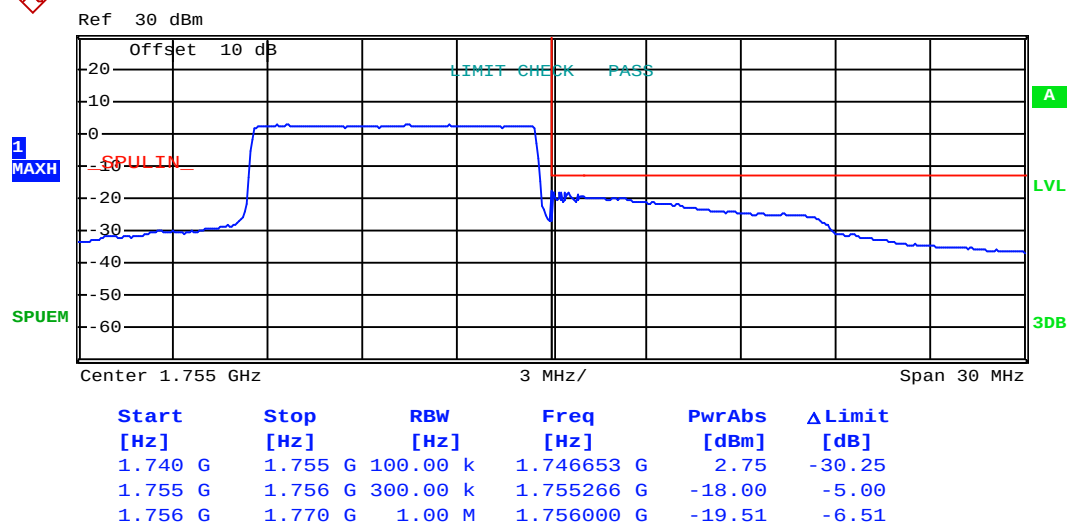


Highest channel

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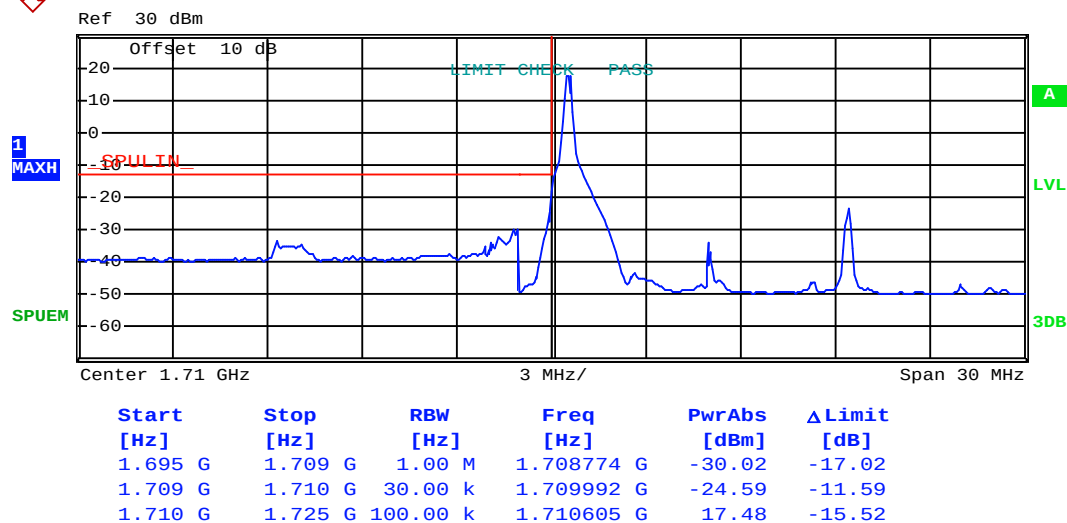


Lowest channel

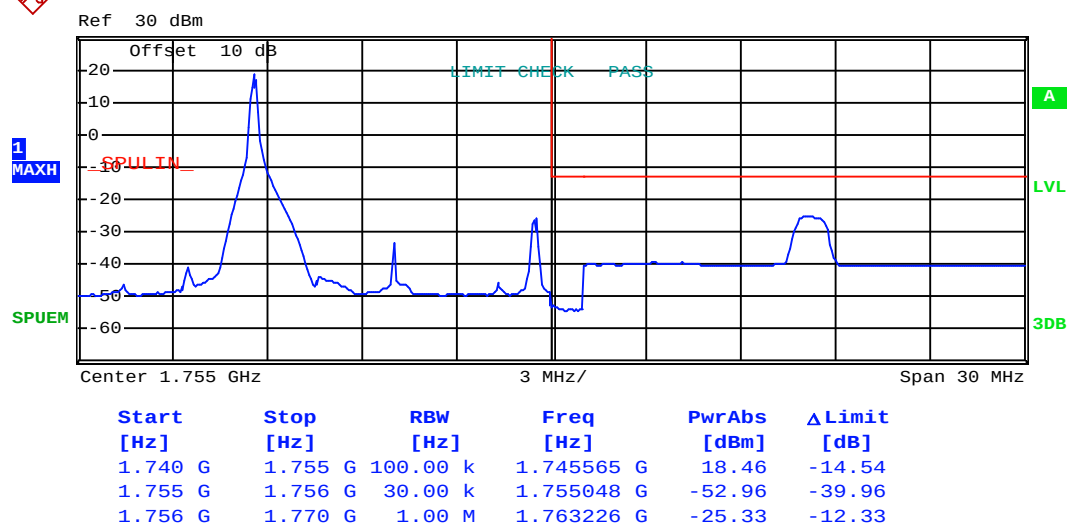


Highest channel

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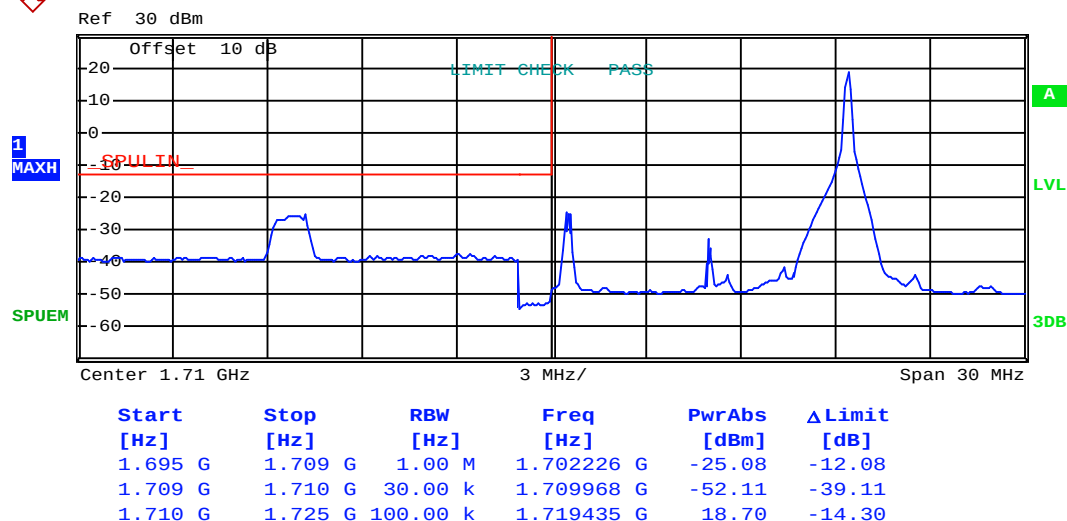


Lowest channel

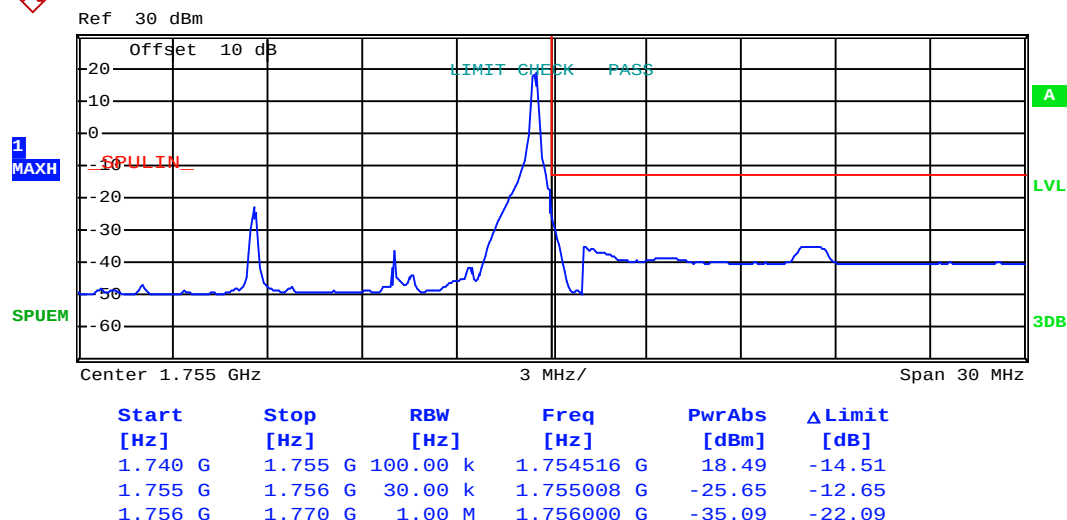


Highest channel

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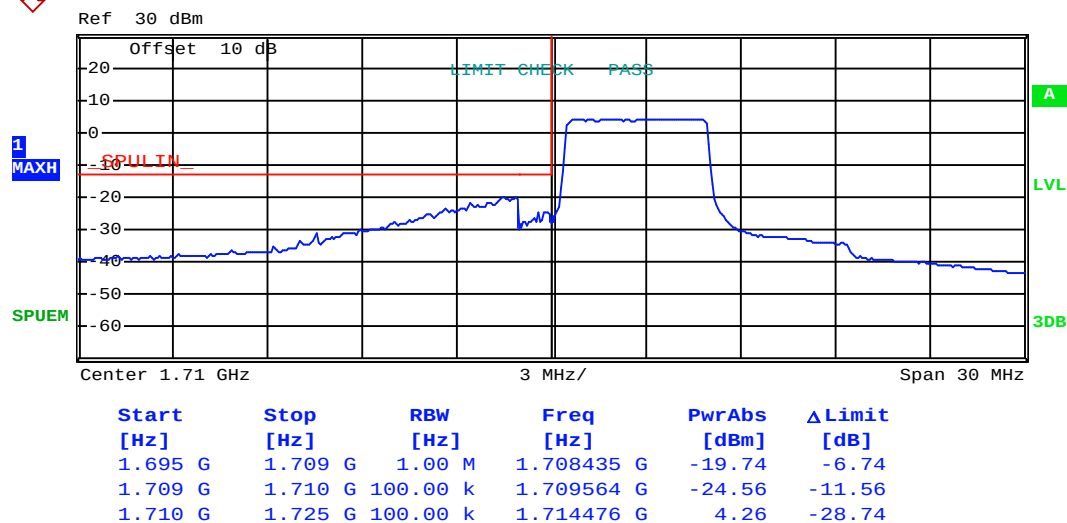


Lowest channel

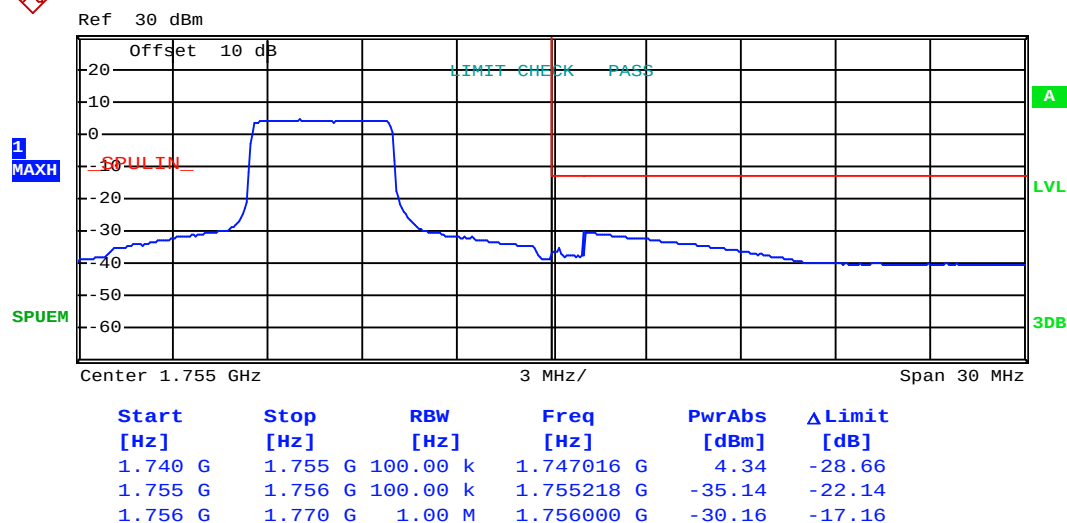


Highest channel

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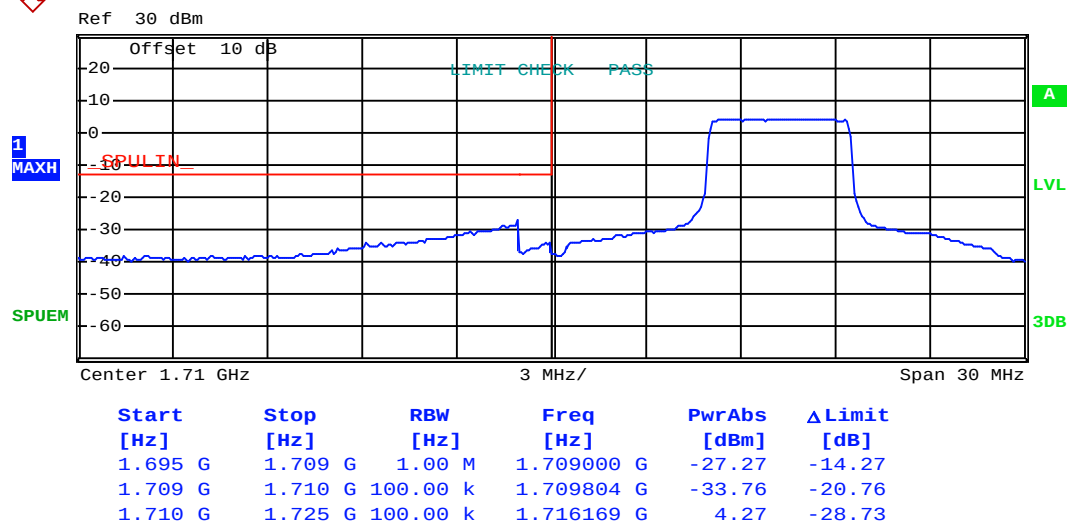


Lowest channel

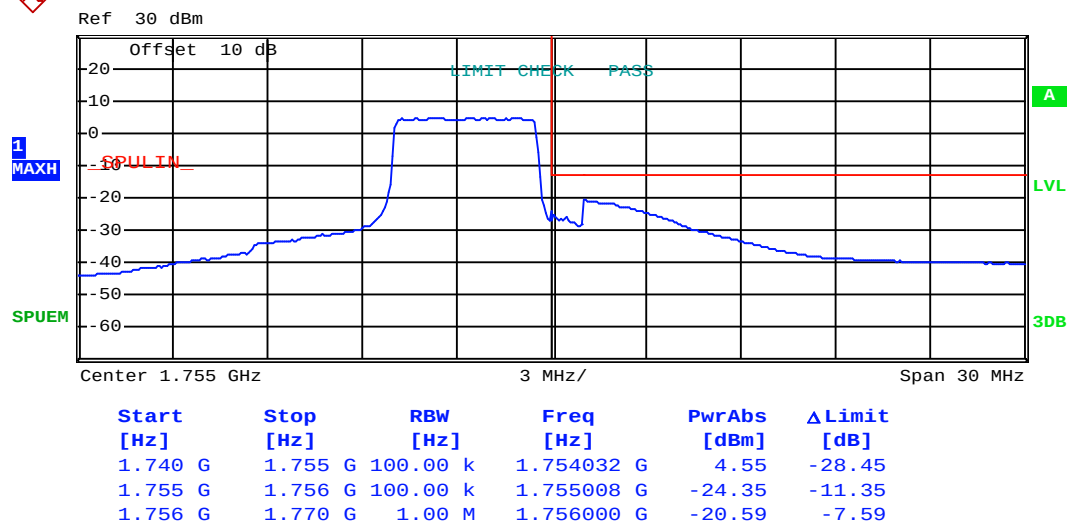


Highest channel

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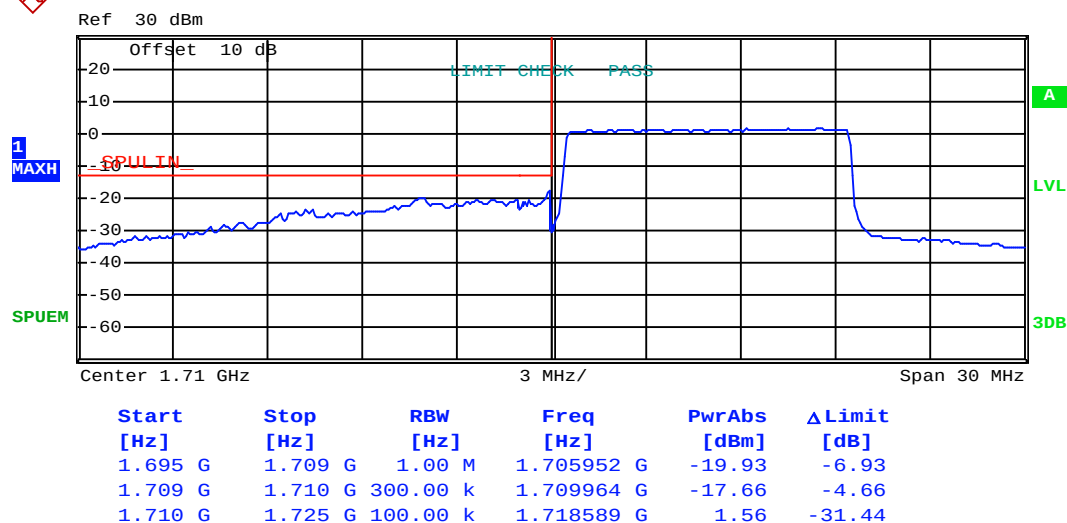


Lowest channel

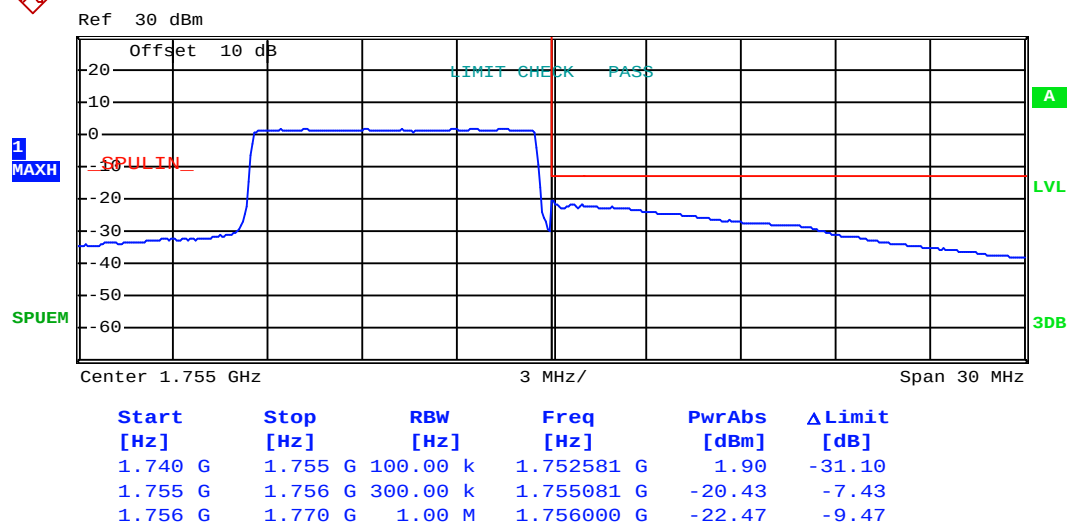


Highest channel

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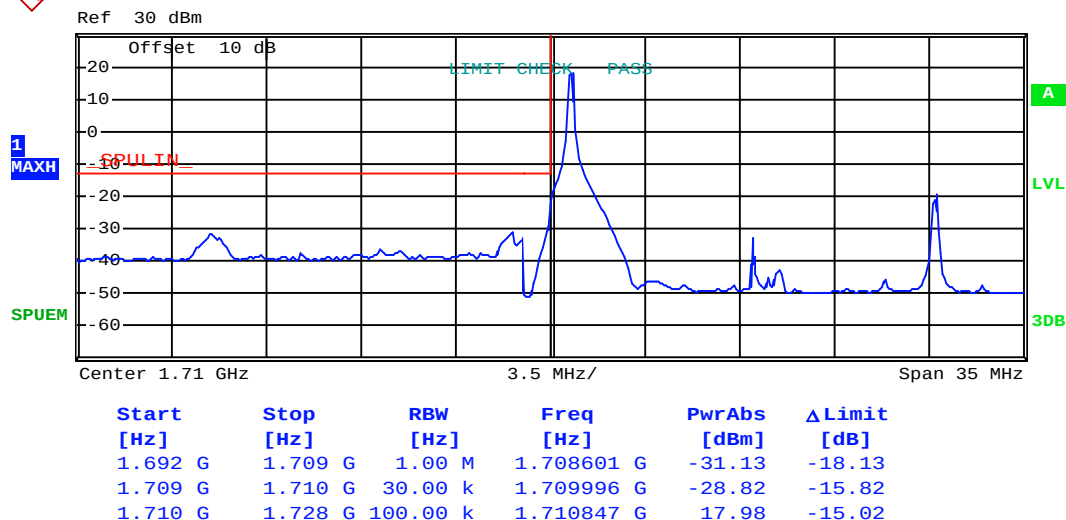
Lowest channel



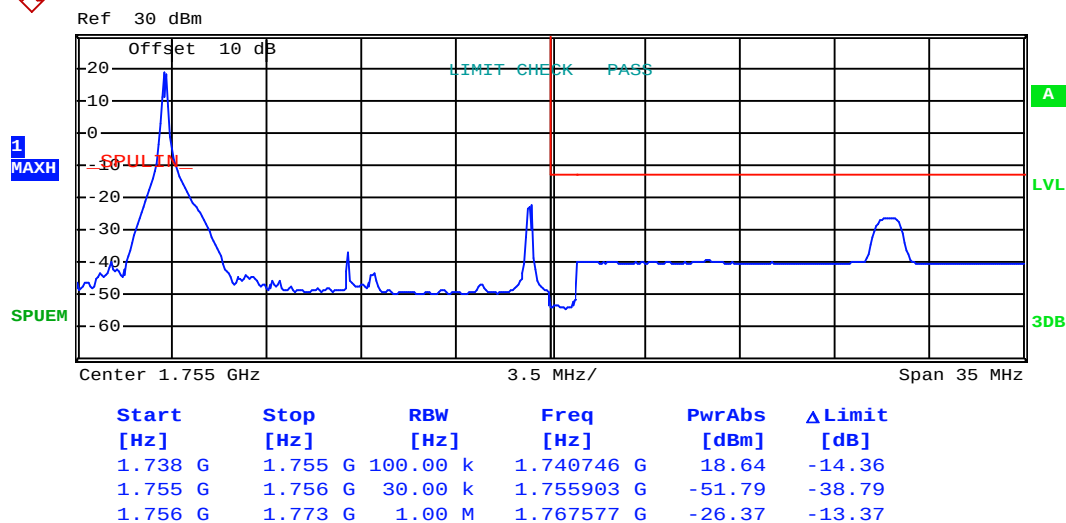
Highest channel

15MHz:

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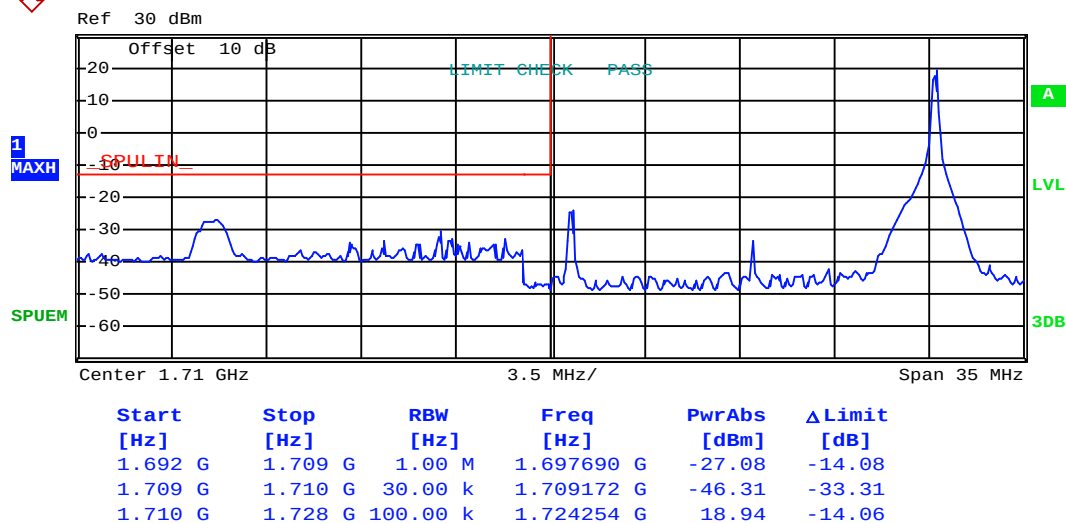
Lowest channel



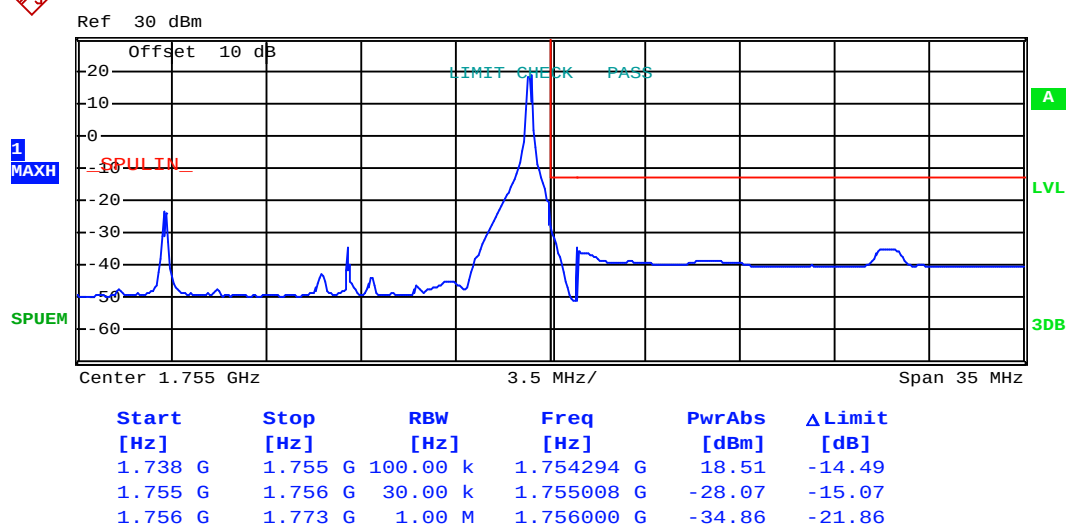
Highest channel

Test Mode:

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



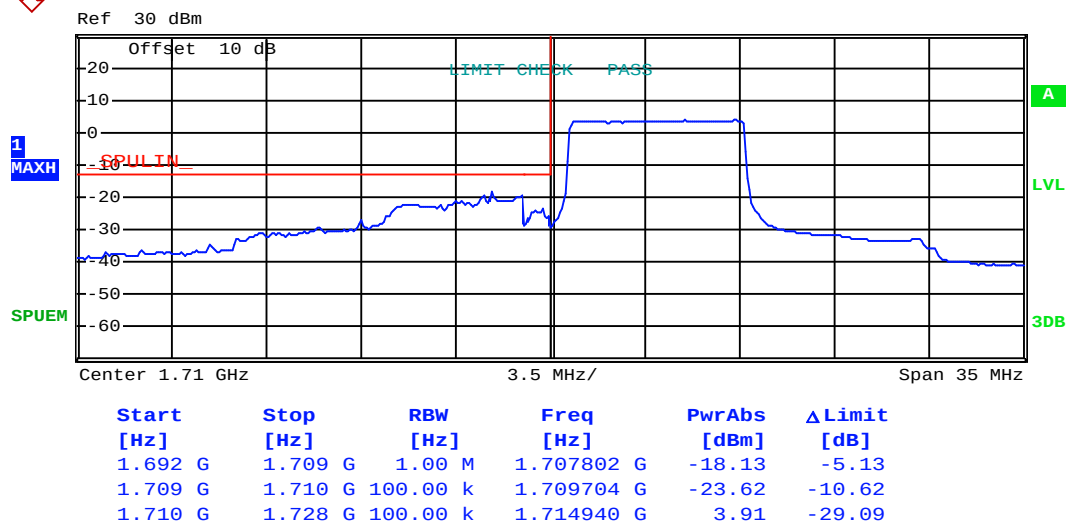
Lowest channel



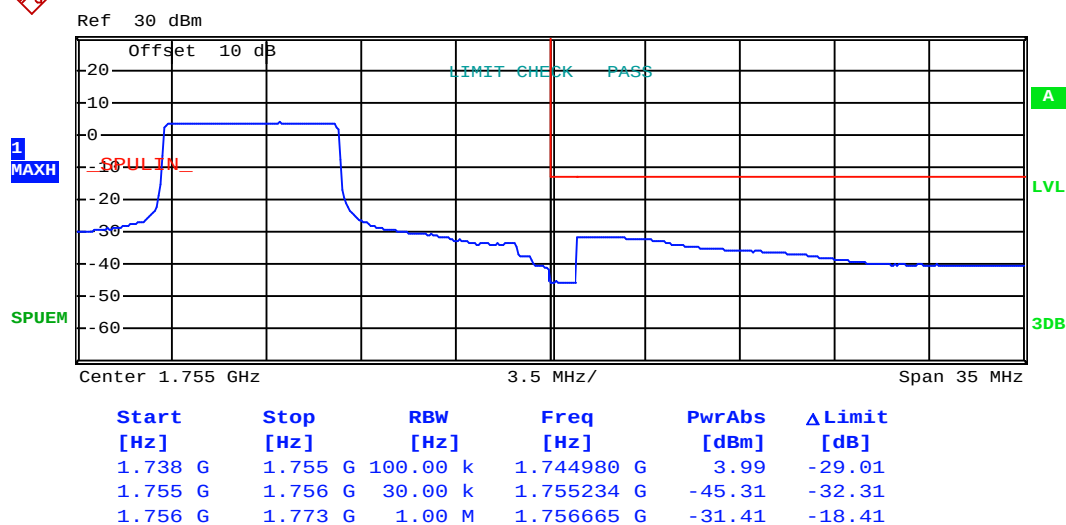
Highest channel

Test Mode:

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

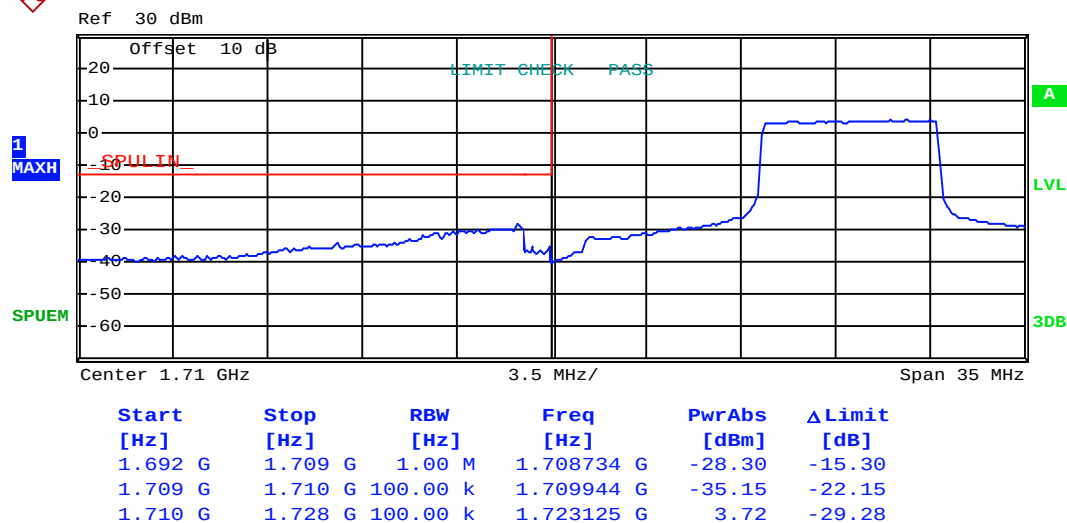


Lowest channel

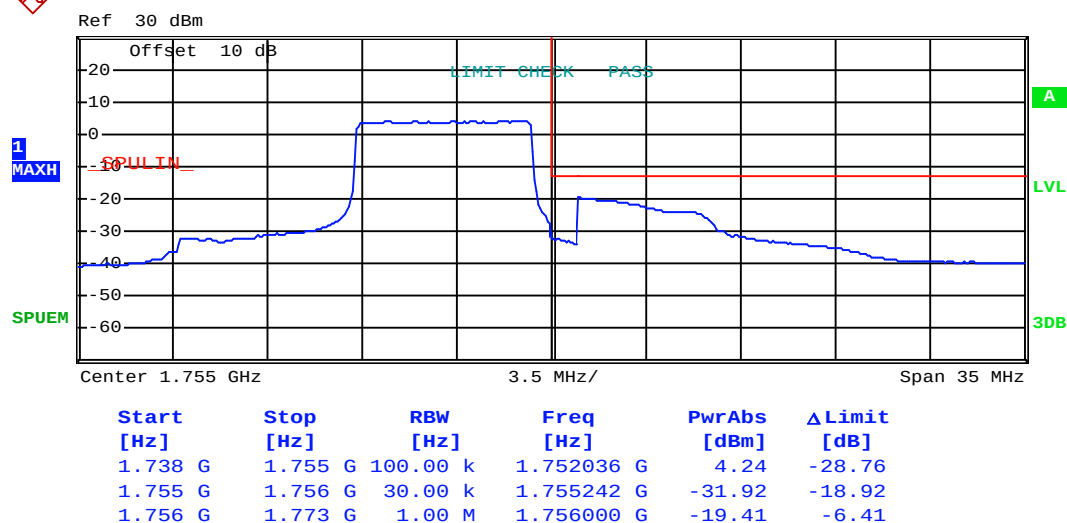


Highest channel

Test Mode:	LTE band 4(QPSK RB Size 36 & RB Offset 35)
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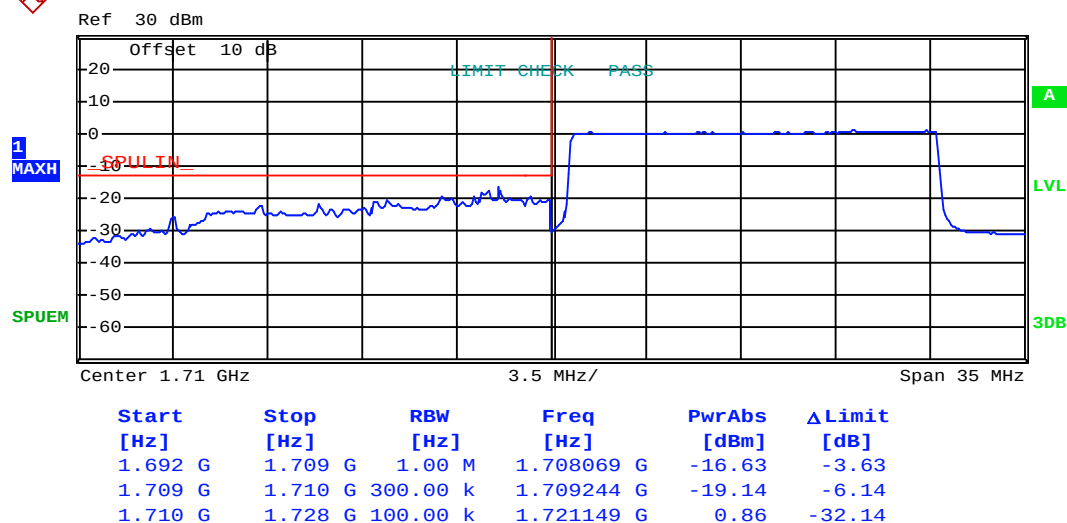
Lowest channel



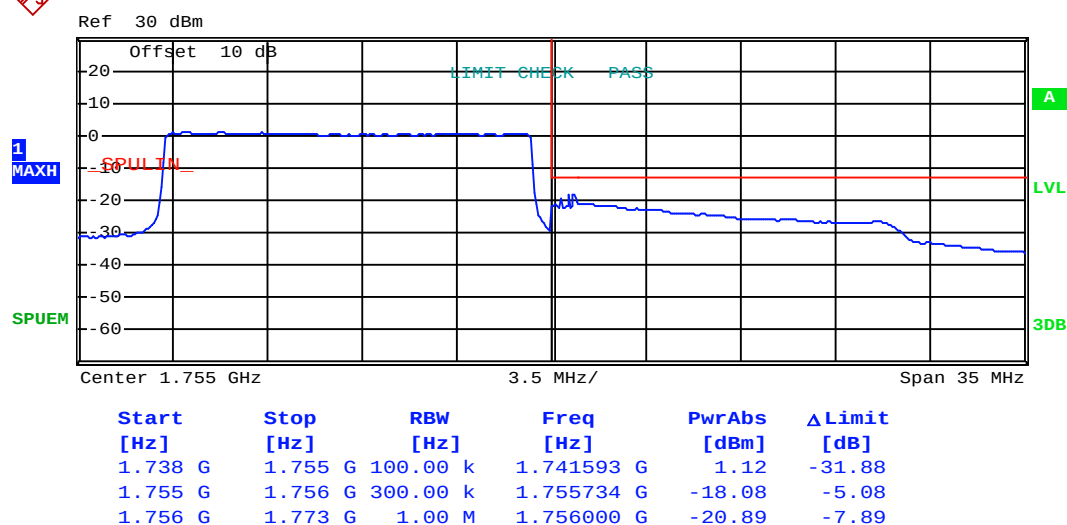
Highest channel

Test Mode:

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

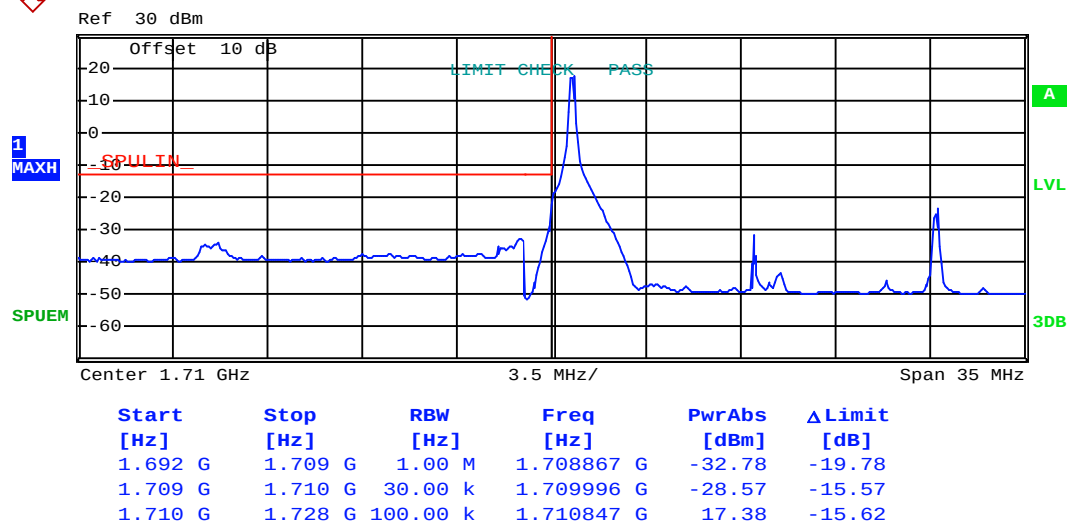


Lowest channel

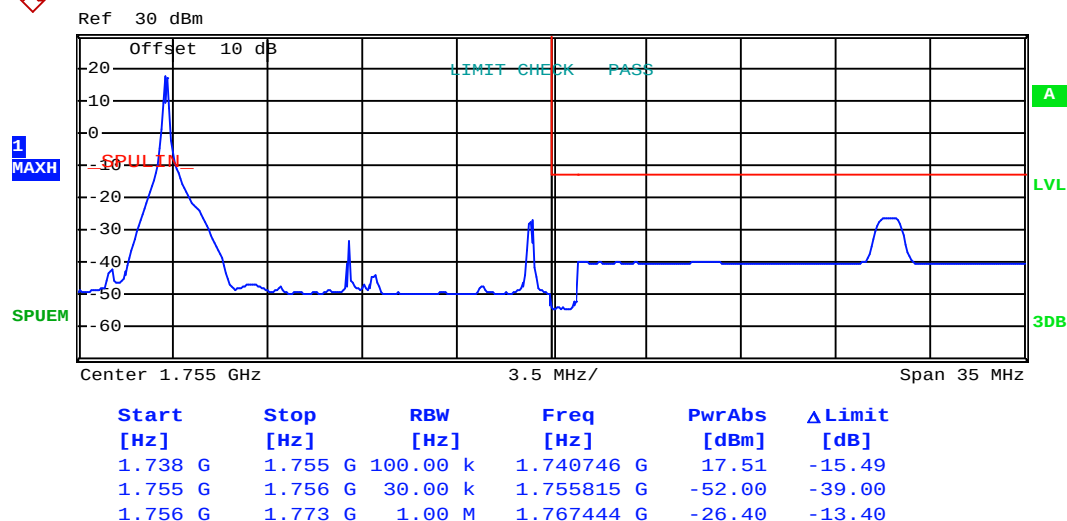


Highest channel

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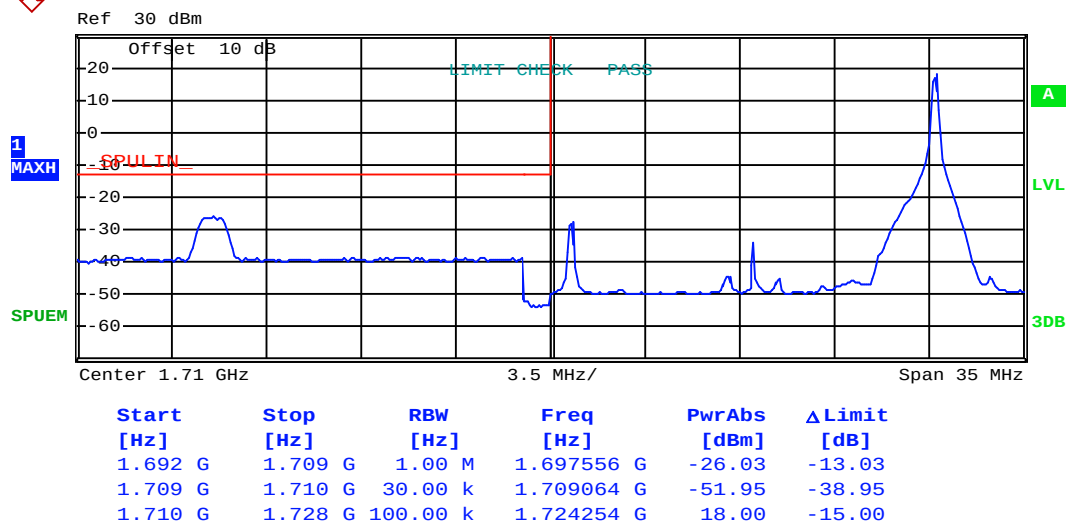


Lowest channel

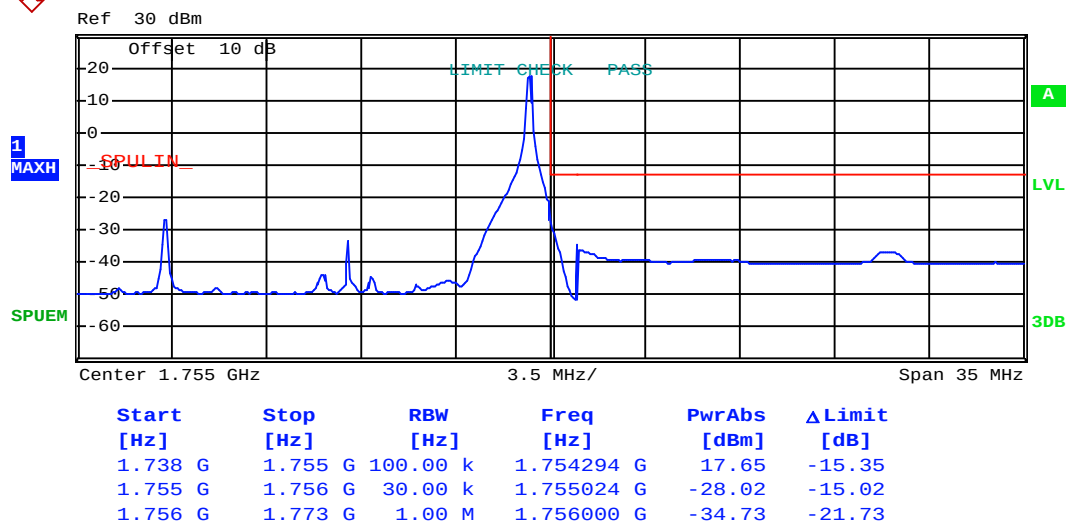


Highest channel

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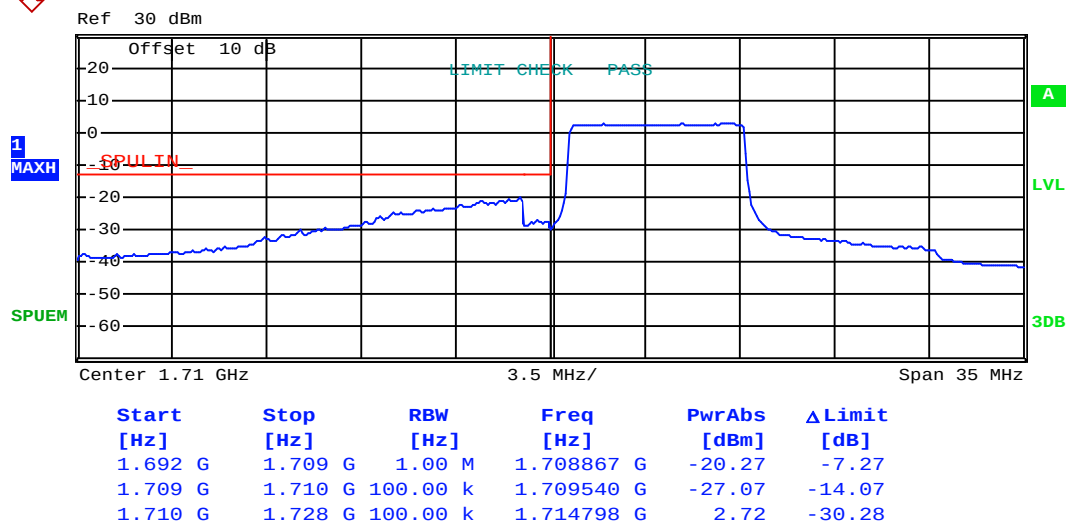


Lowest channel

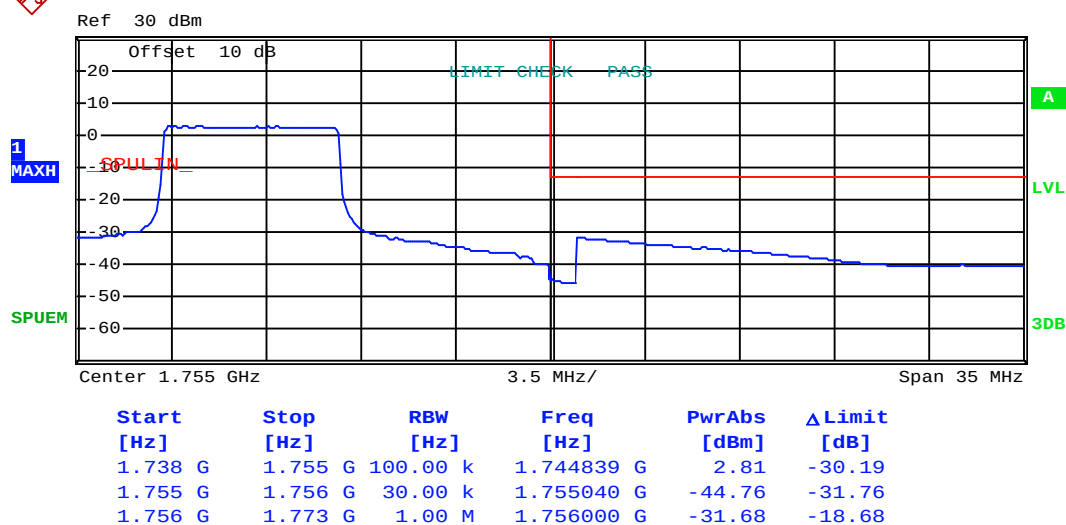


Highest channel

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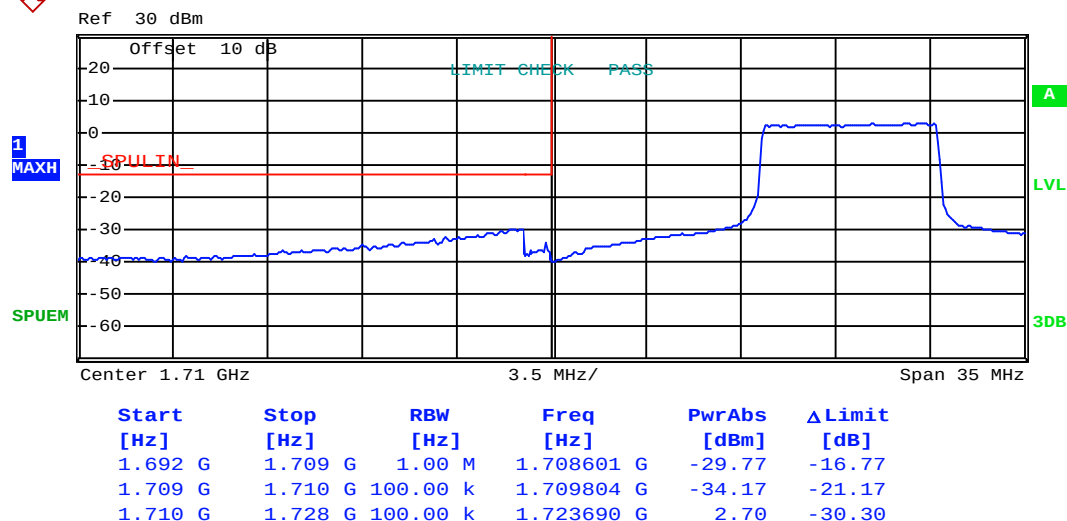


Lowest channel

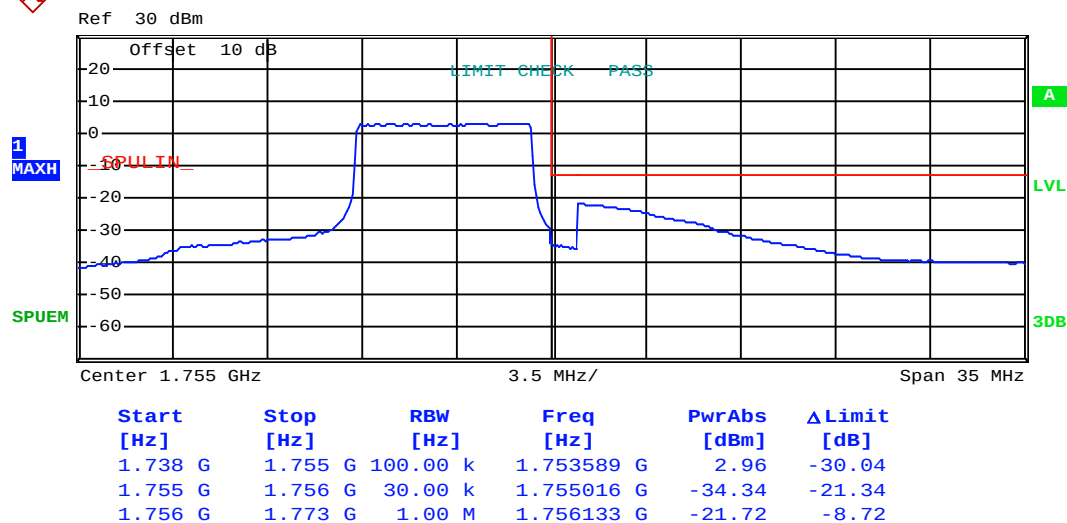


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 36 & RB Offset 35)
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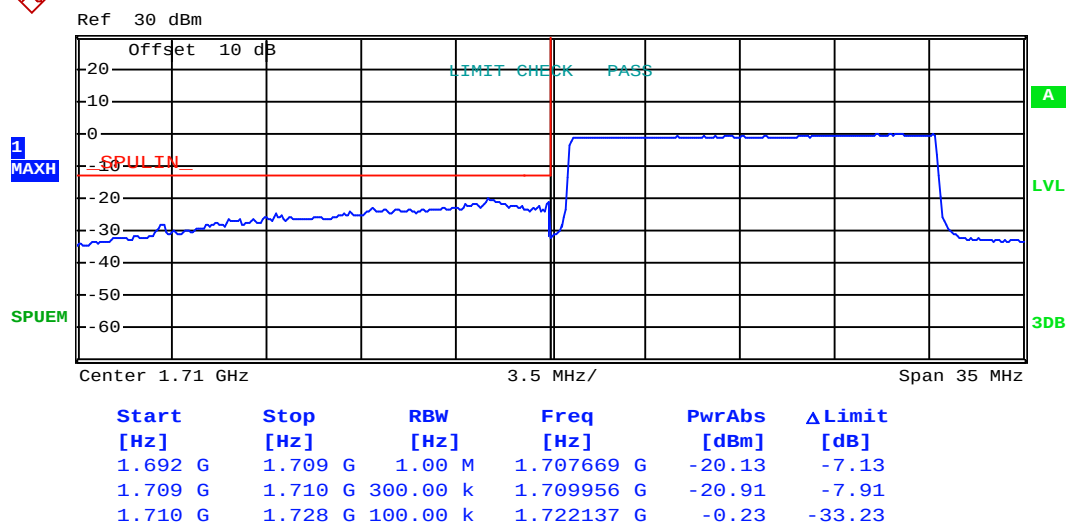
Lowest channel



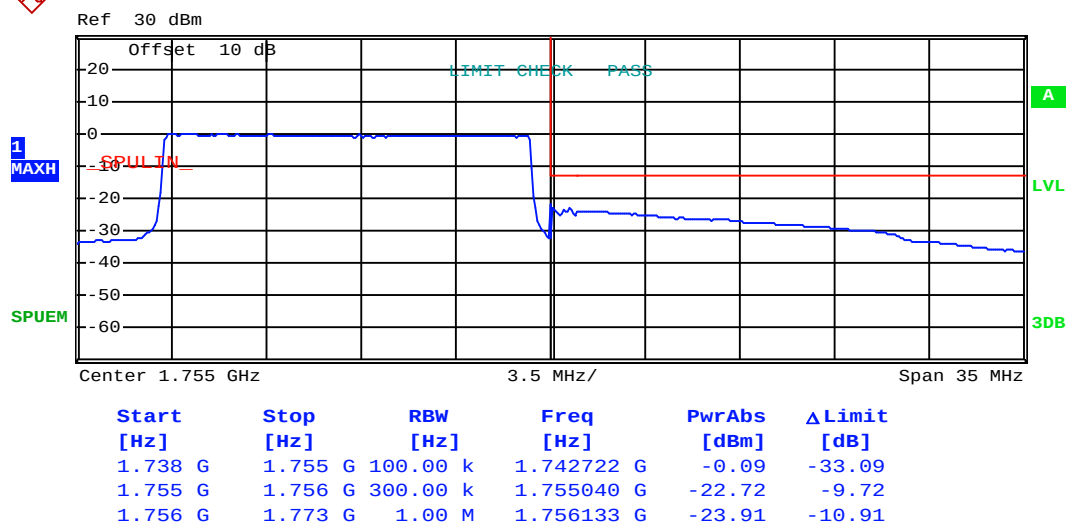
Highest channel

Test Mode:

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



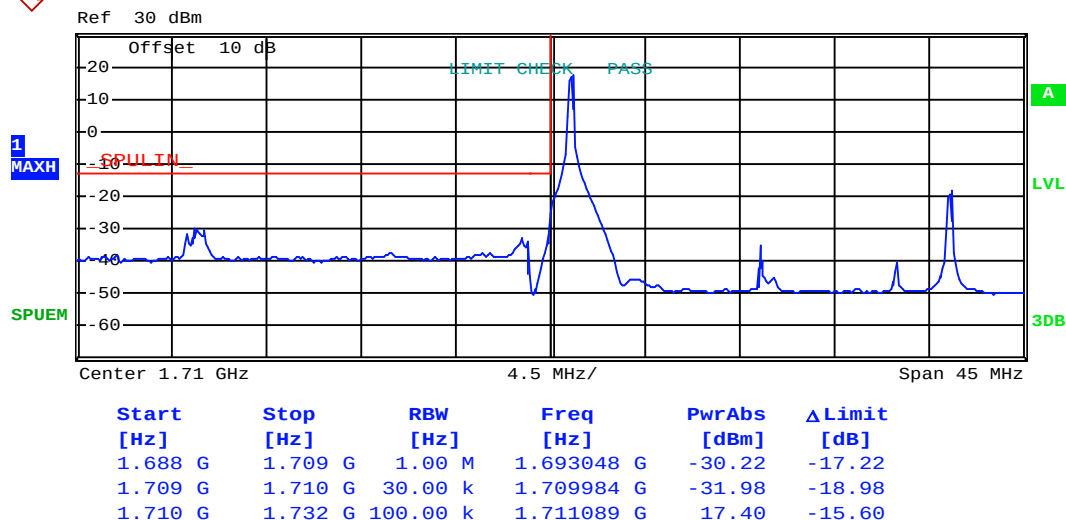
Lowest channel



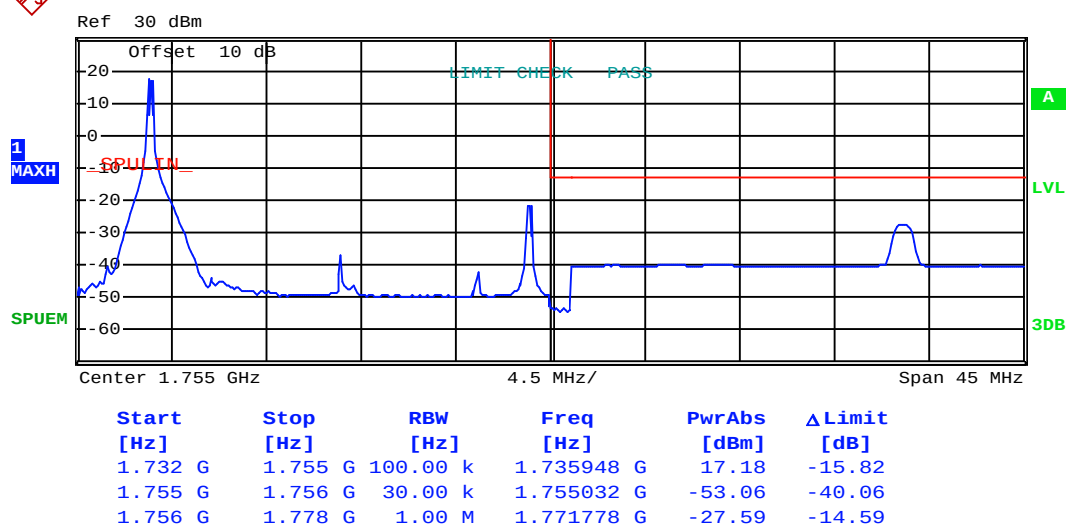
Highest channel

20MHz:

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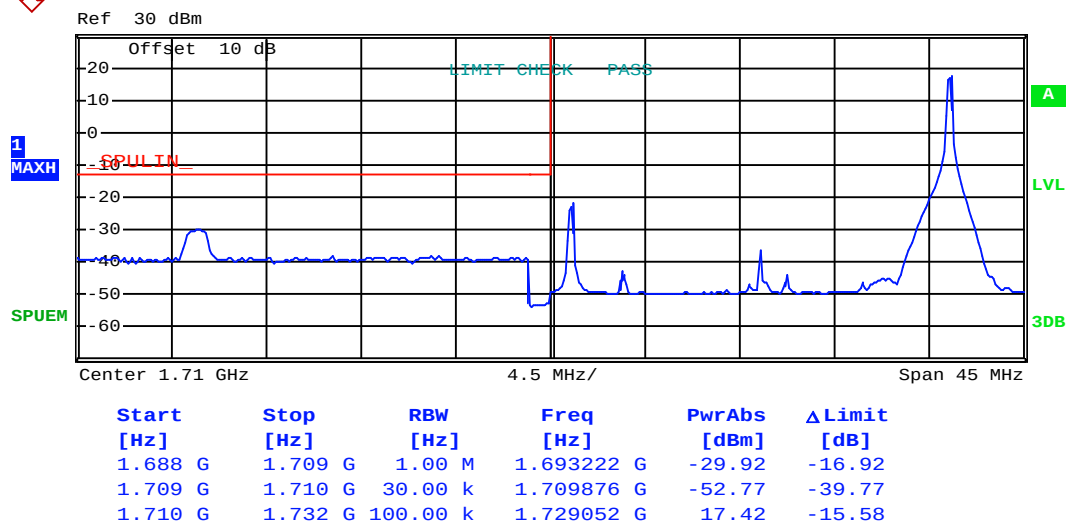
Lowest channel



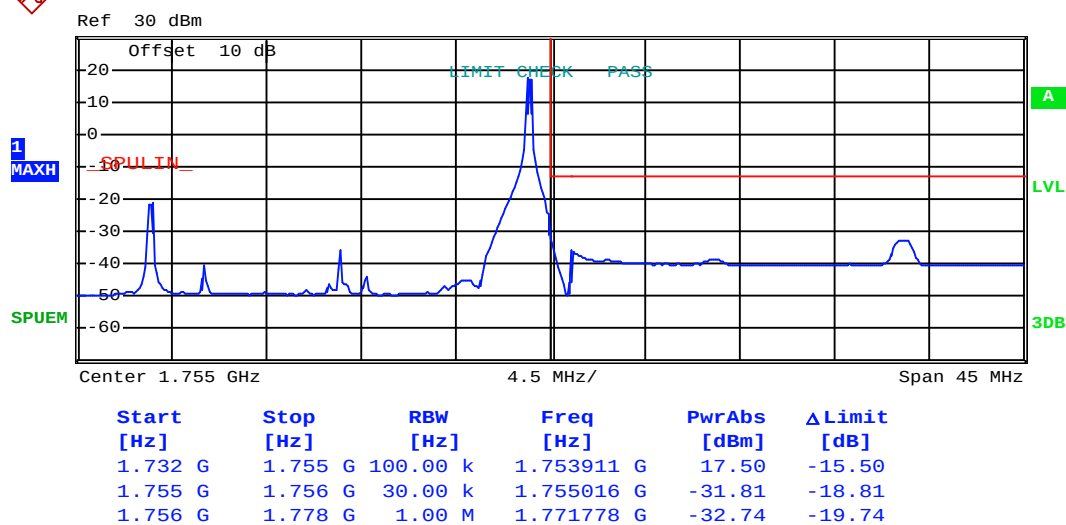
Highest channel

Test Mode:

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



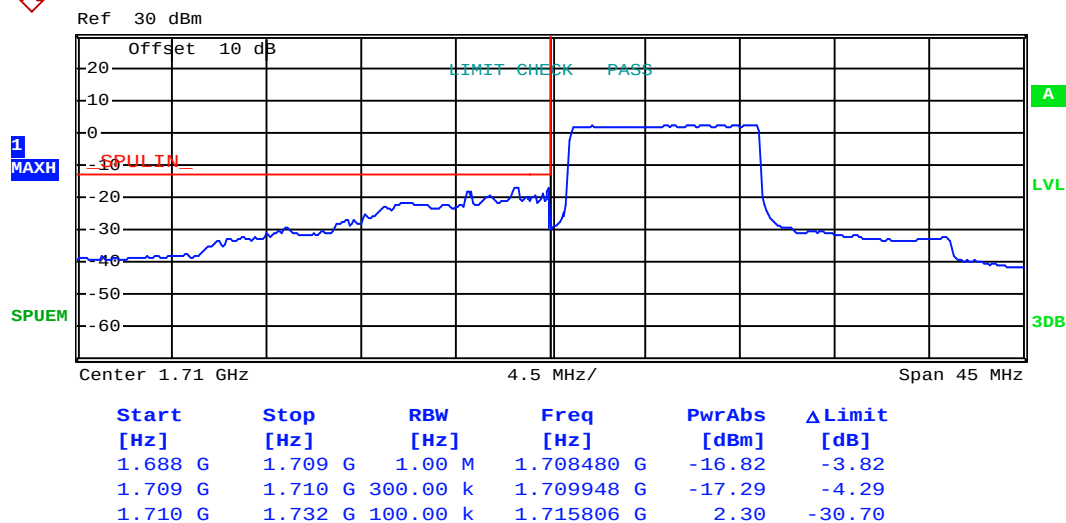
Lowest channel



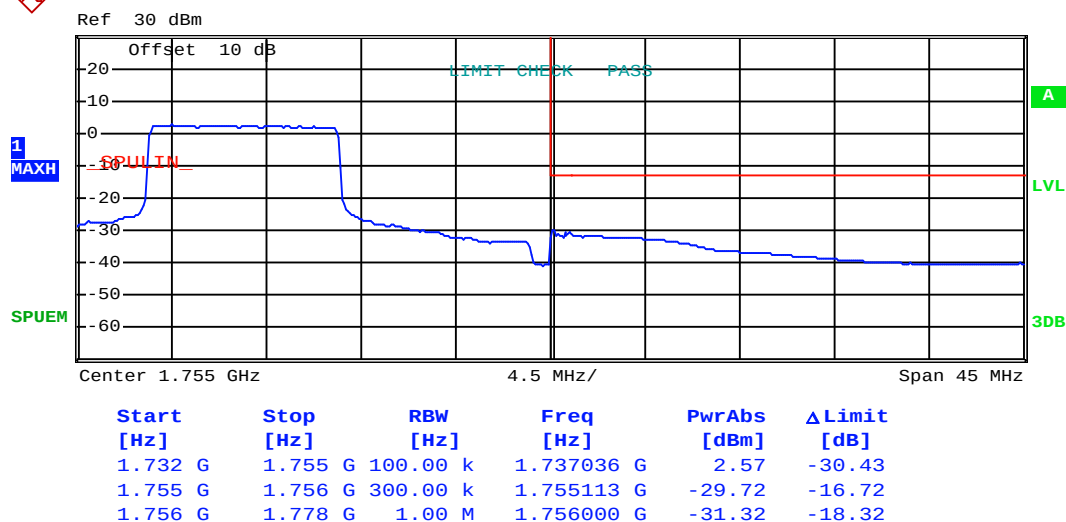
Highest channel

Test Mode:

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

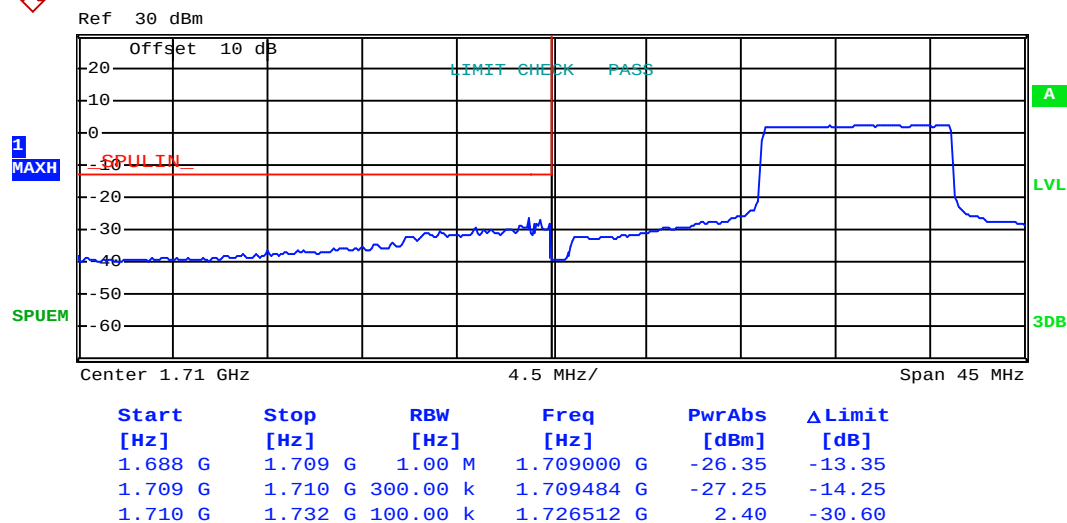


Lowest channel

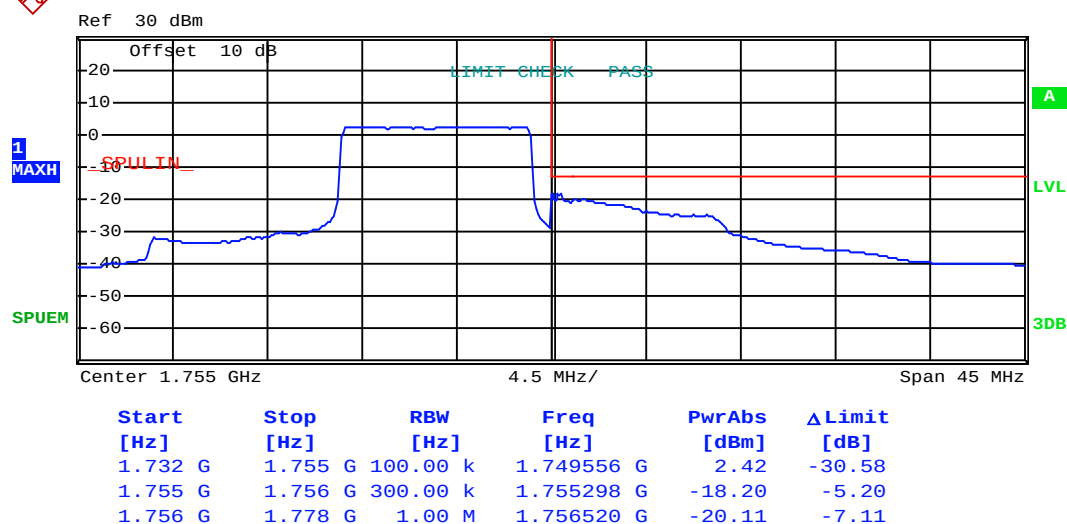


Highest channel

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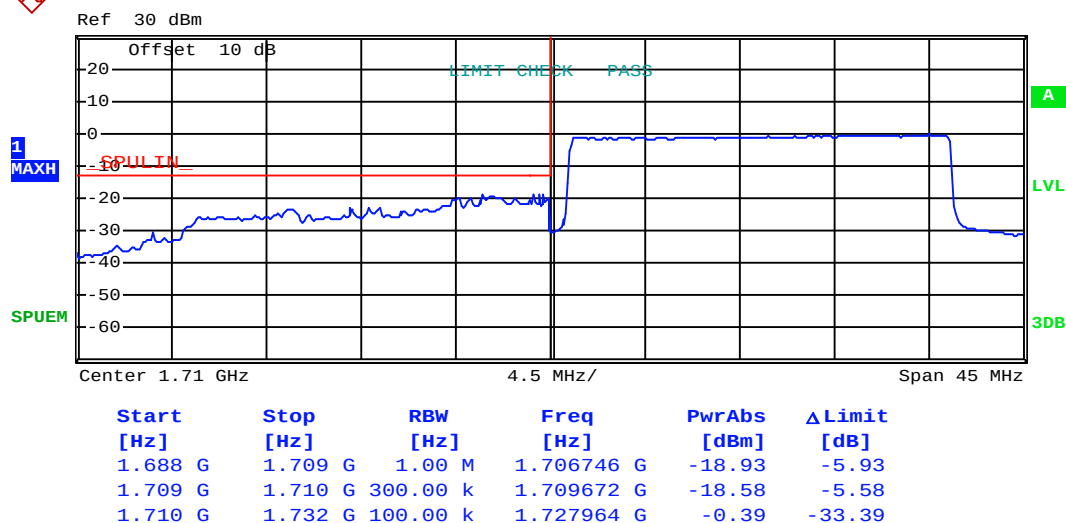
Lowest channel



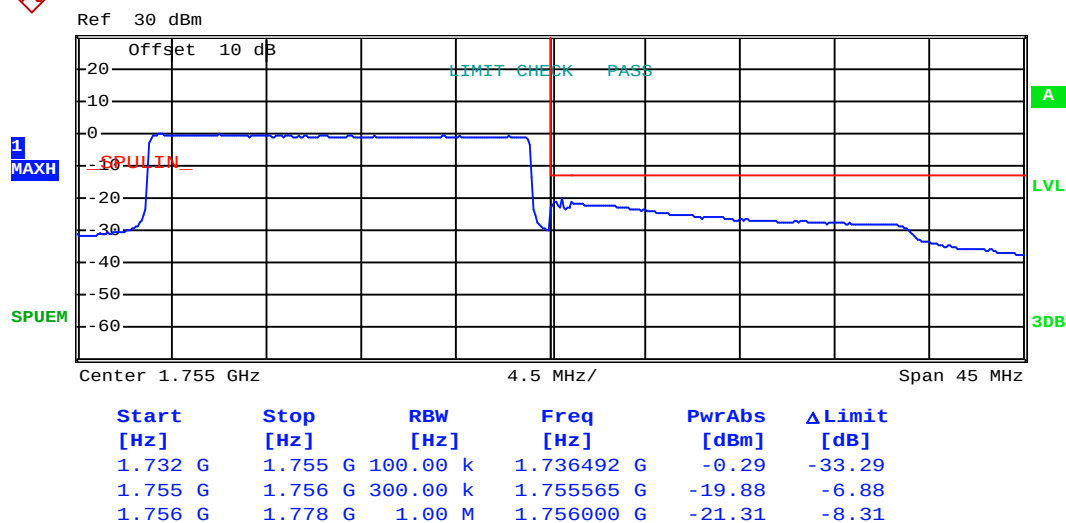
Highest channel

Test Mode:

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

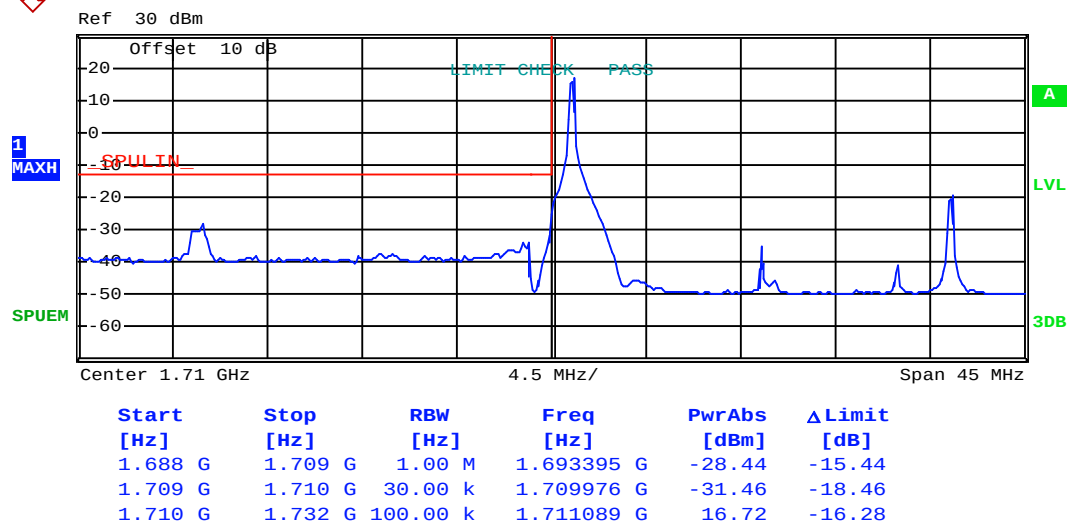


Lowest channel

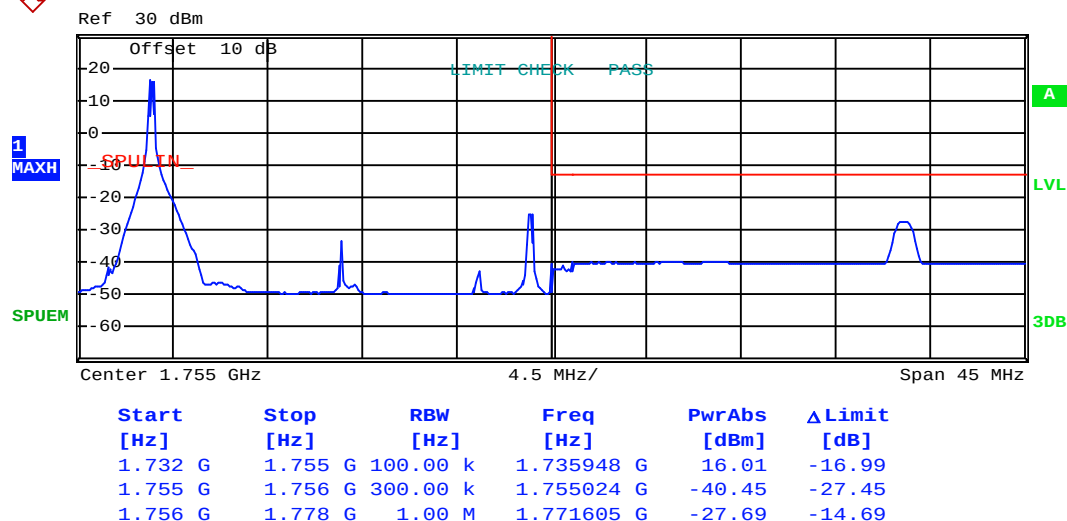


Highest channel

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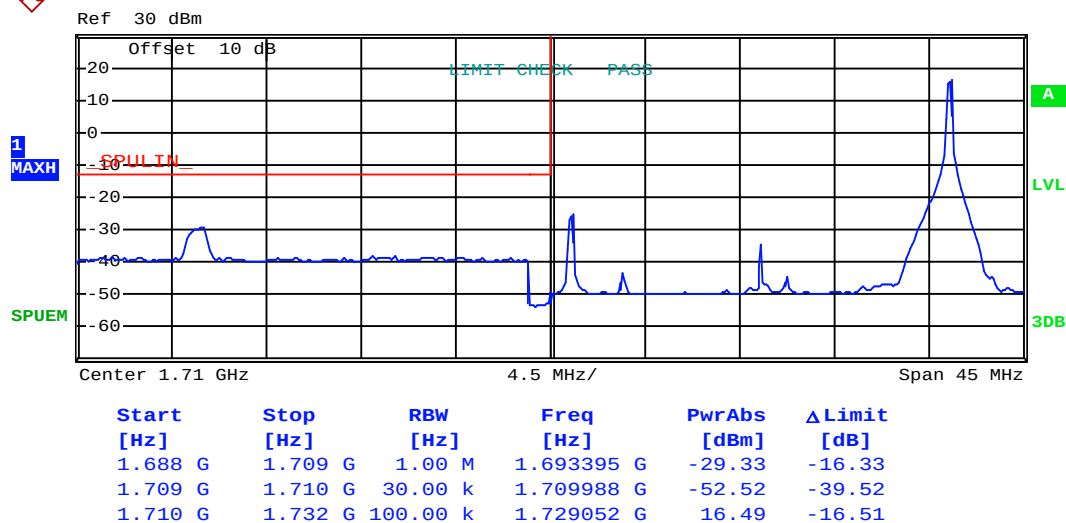


Lowest channel

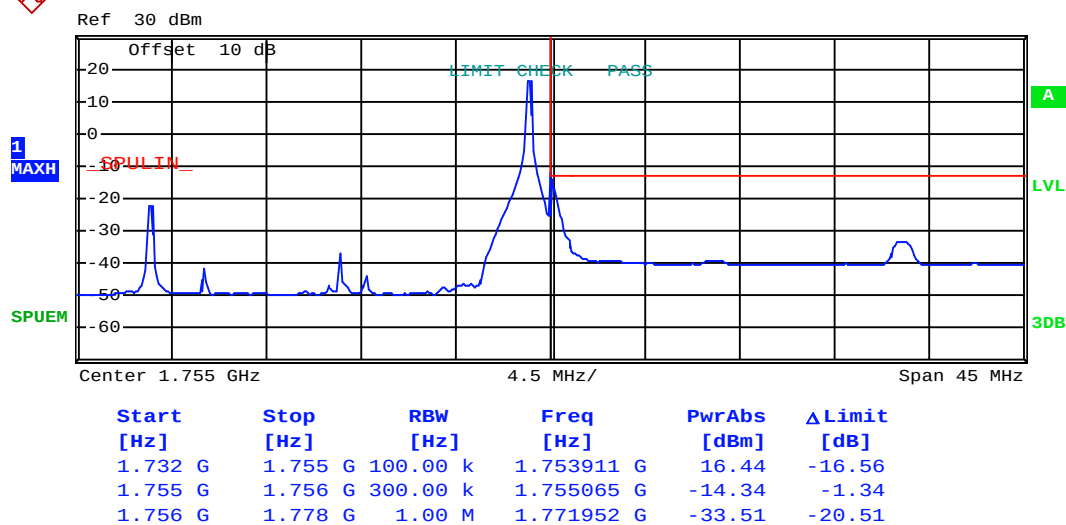


Highest channel

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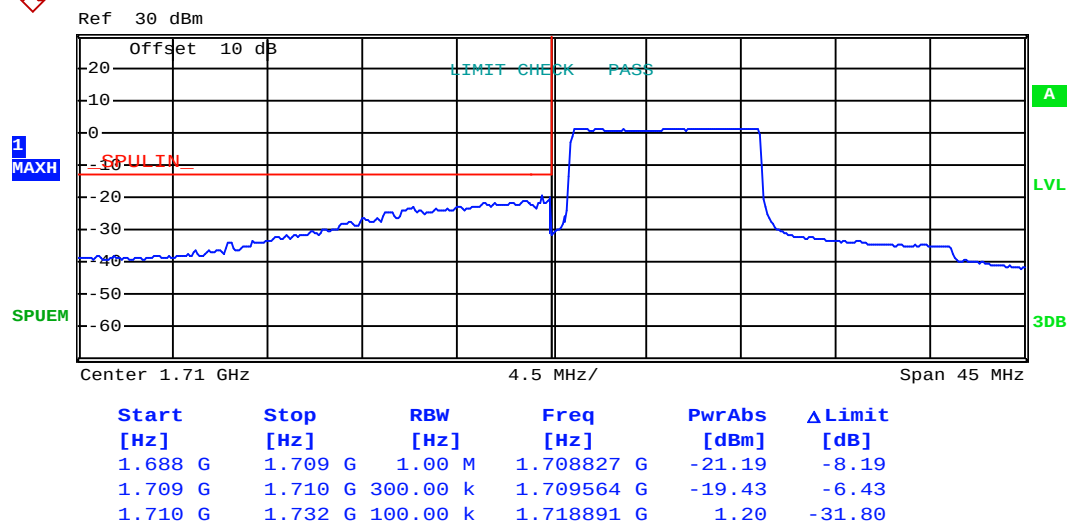


Lowest channel

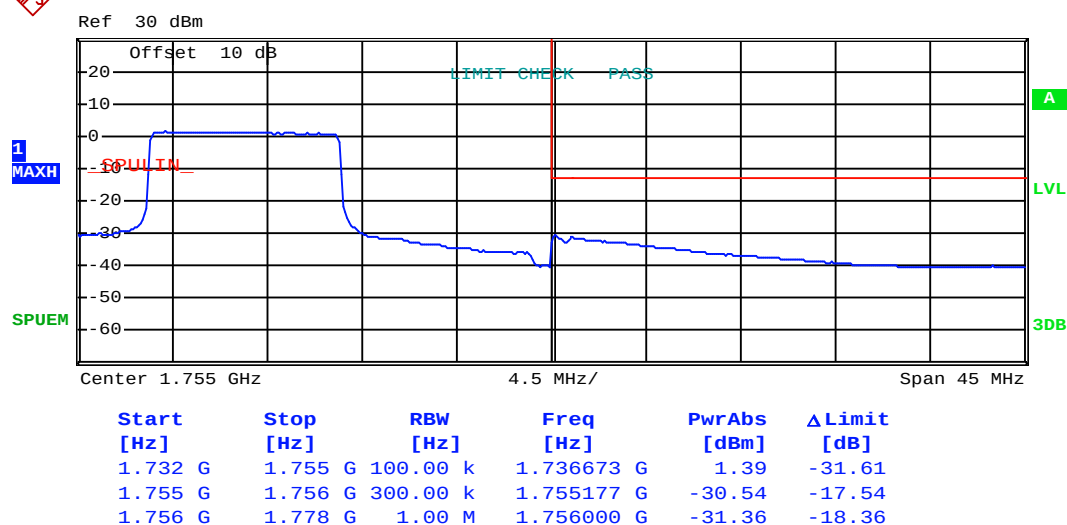


Highest channel

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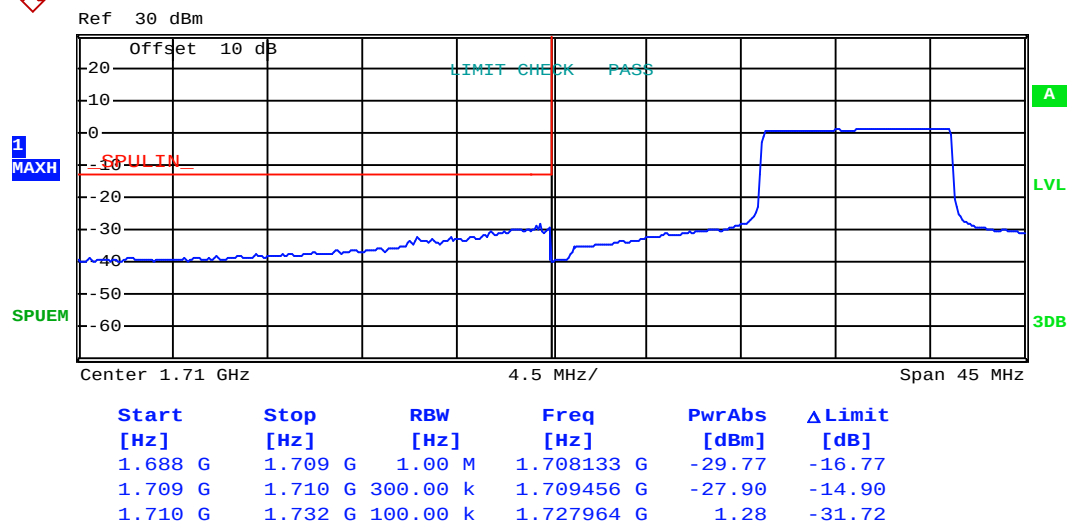


Lowest channel

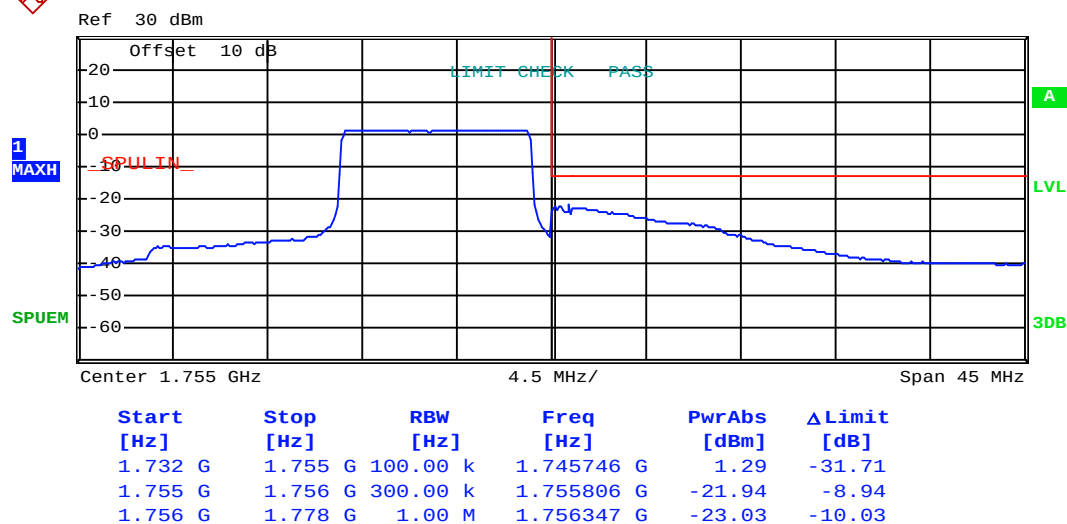


Highest channel

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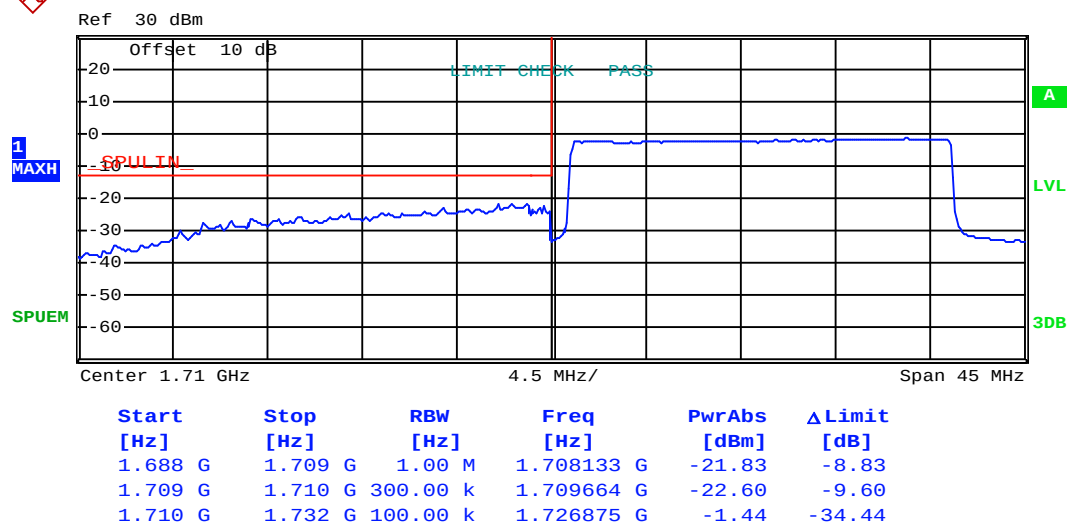


Lowest channel

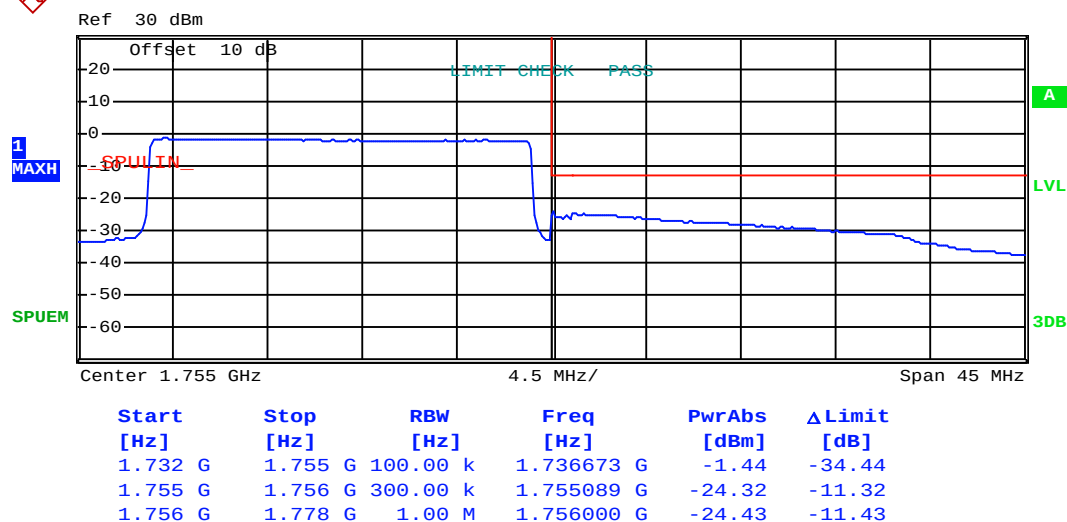


Highest channel

Test Mode:	LTE band 4(16QAM RB Size 100 & RB Offset 0)
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Lowest channel

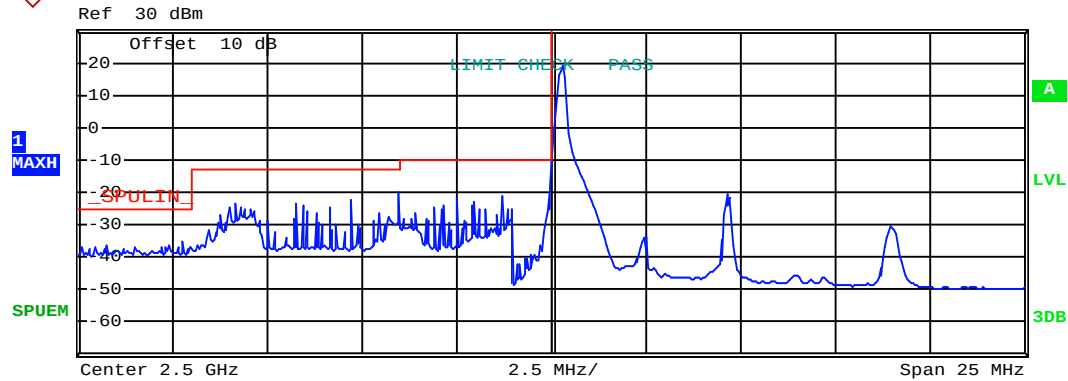


Highest channel

LTE band 7 part:

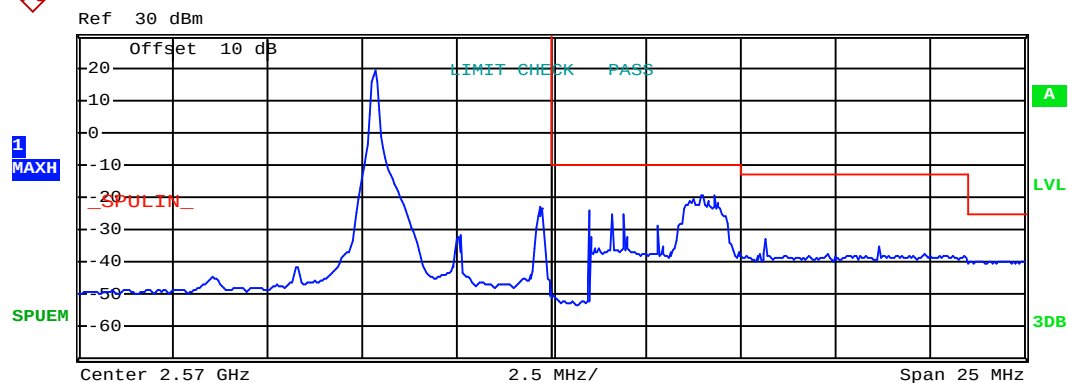
5MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.490 G	1.00 M	2.490234 G	-35.28	-10.28
2.490 G	2.496 G	1.00 M	2.494658 G	-22.55	-9.55
2.496 G	2.499 G	1.00 M	2.498685 G	-20.90	-10.90
2.499 G	2.500 G	30.00 k	2.499992 G	-20.38	-10.38
2.500 G	2.513 G	100.00 k	2.500302 G	19.32	-13.68

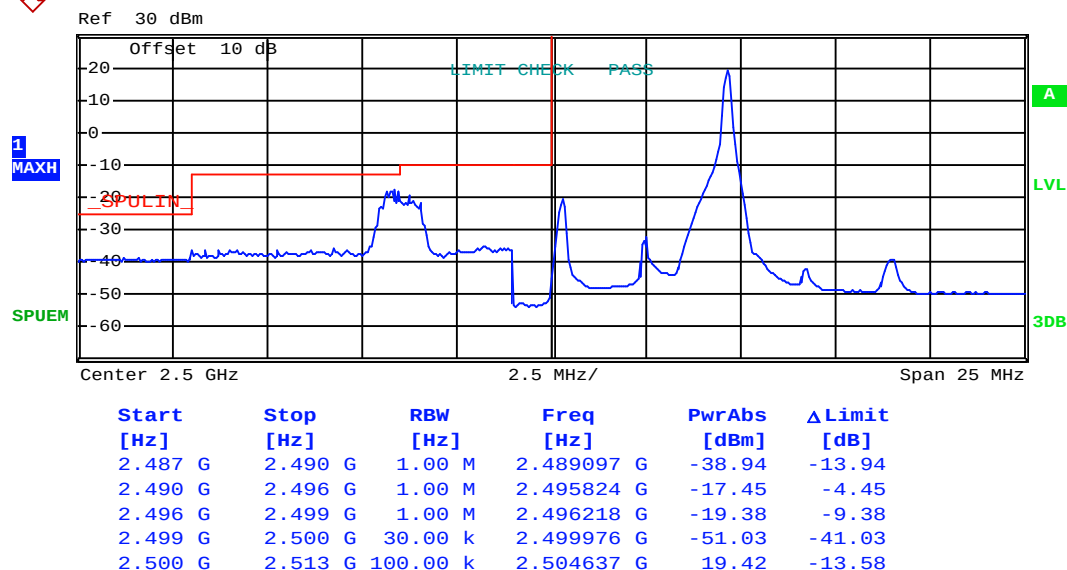
Lowest channel



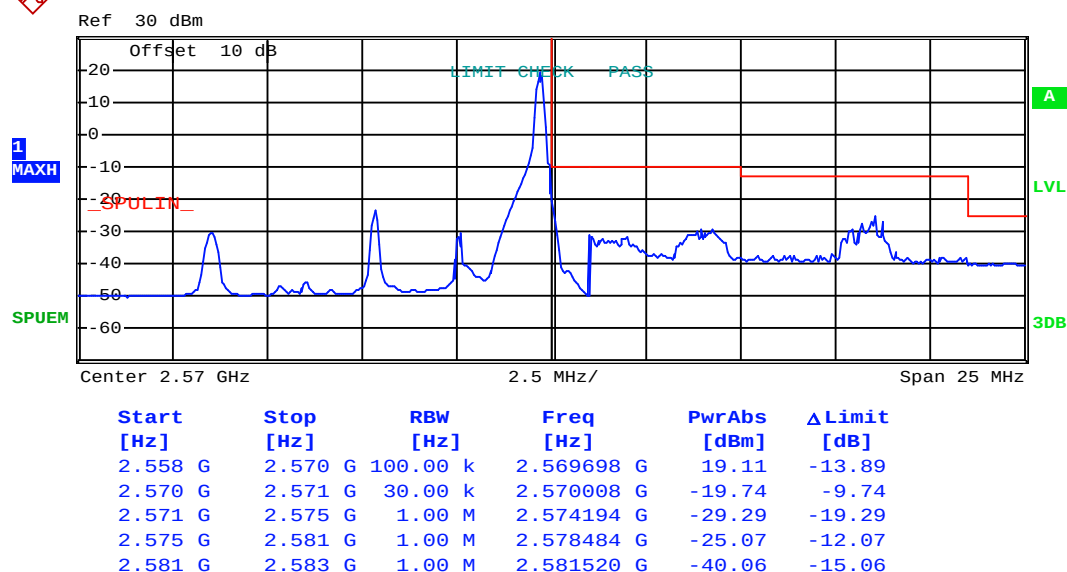
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.565363 G	19.24	-13.76
2.570 G	2.571 G	30.00 k	2.570032 G	-49.91	-39.91
2.571 G	2.575 G	1.00 M	2.573903 G	-19.40	-9.40
2.575 G	2.581 G	1.00 M	2.575581 G	-32.63	-19.63
2.581 G	2.583 G	1.00 M	2.581895 G	-39.86	-14.86

Highest channel

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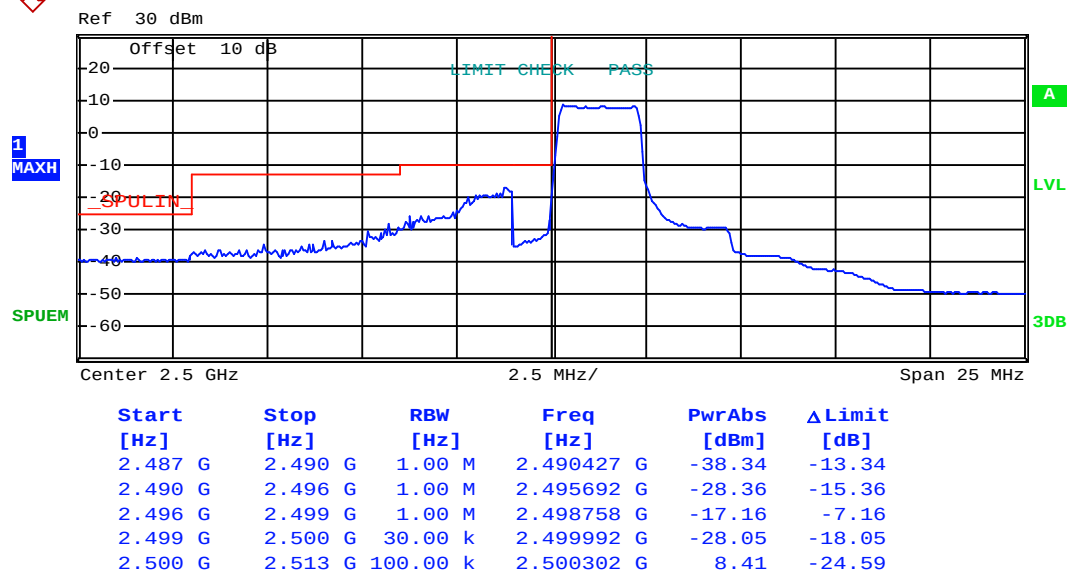


Lowest channel

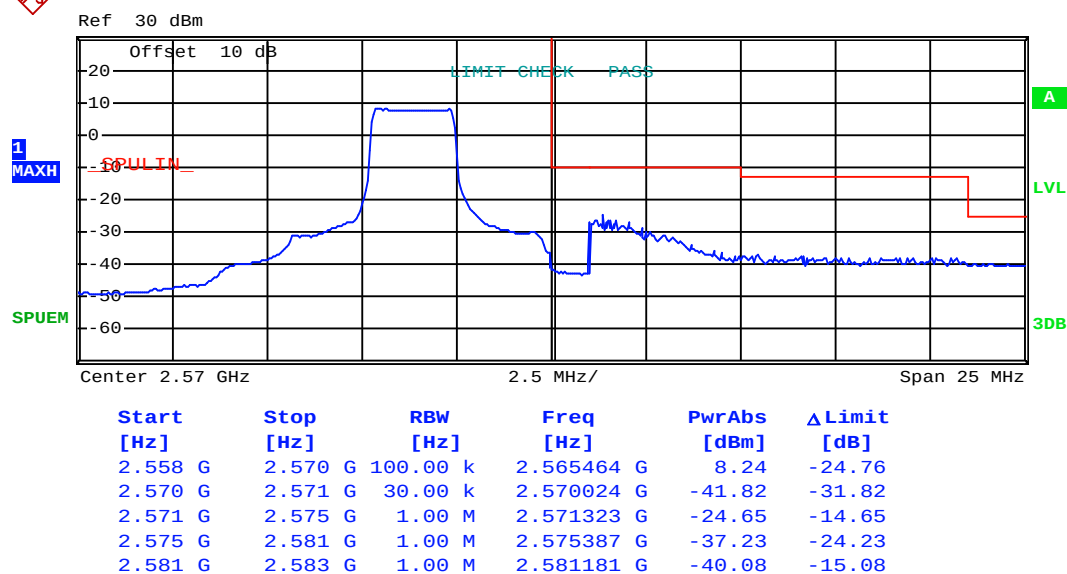


Highest channel

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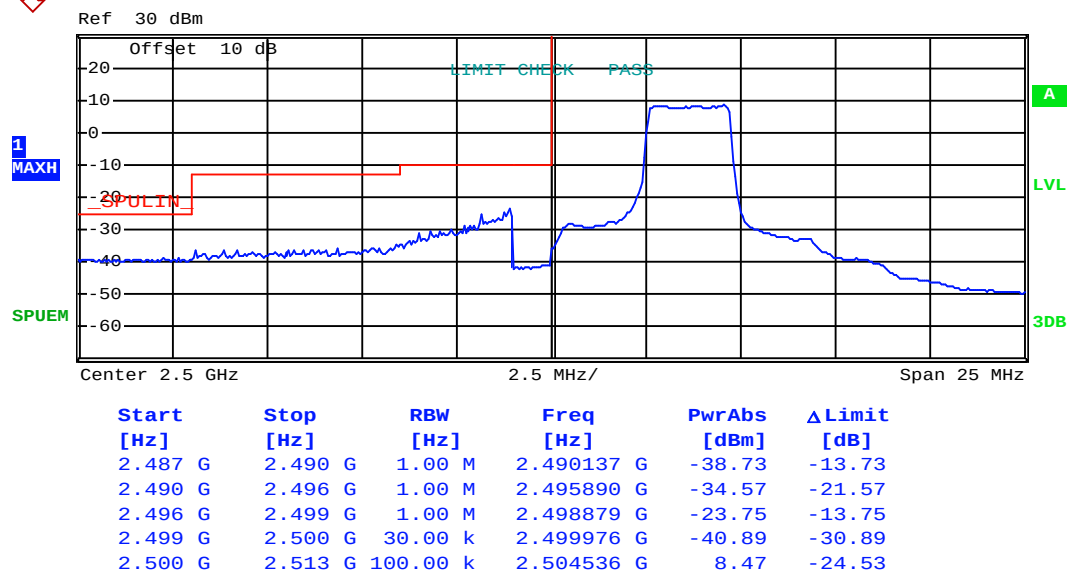


Lowest channel

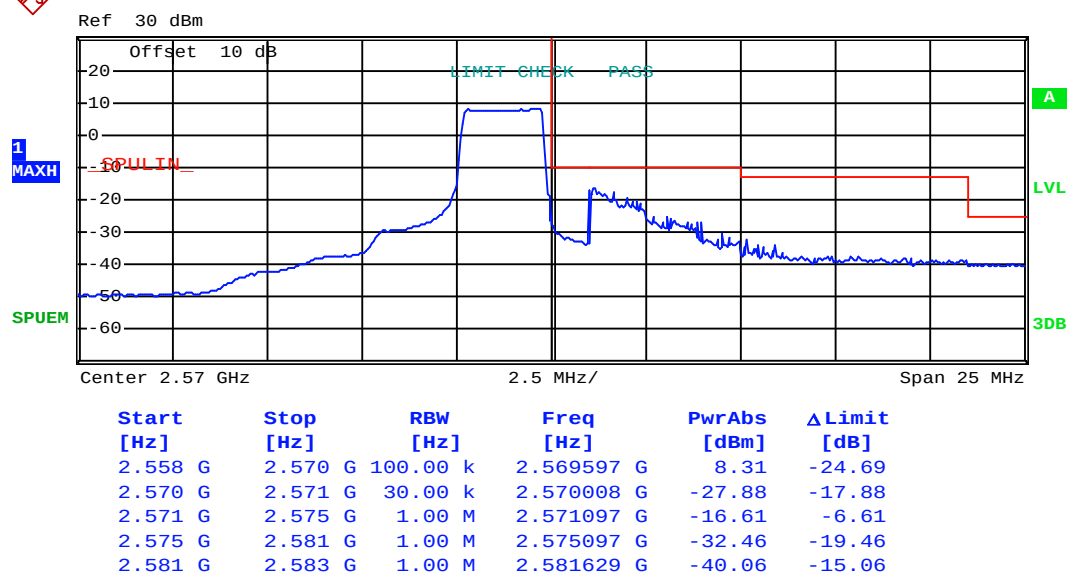


Highest channel

Test Mode:	LTE band 7(QPSK RB Size 12 & RB Offset 11)
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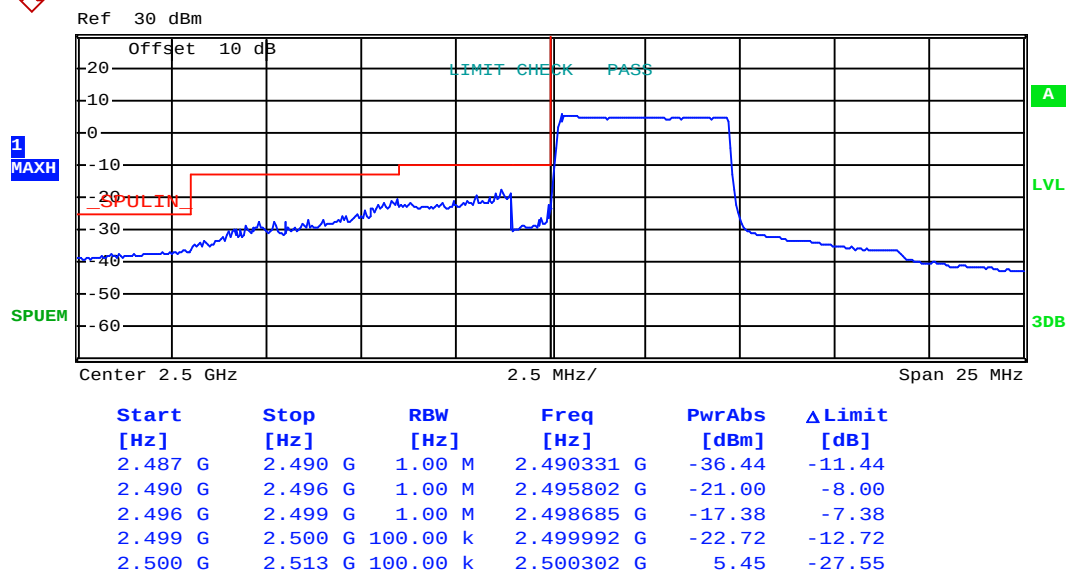
Lowest channel



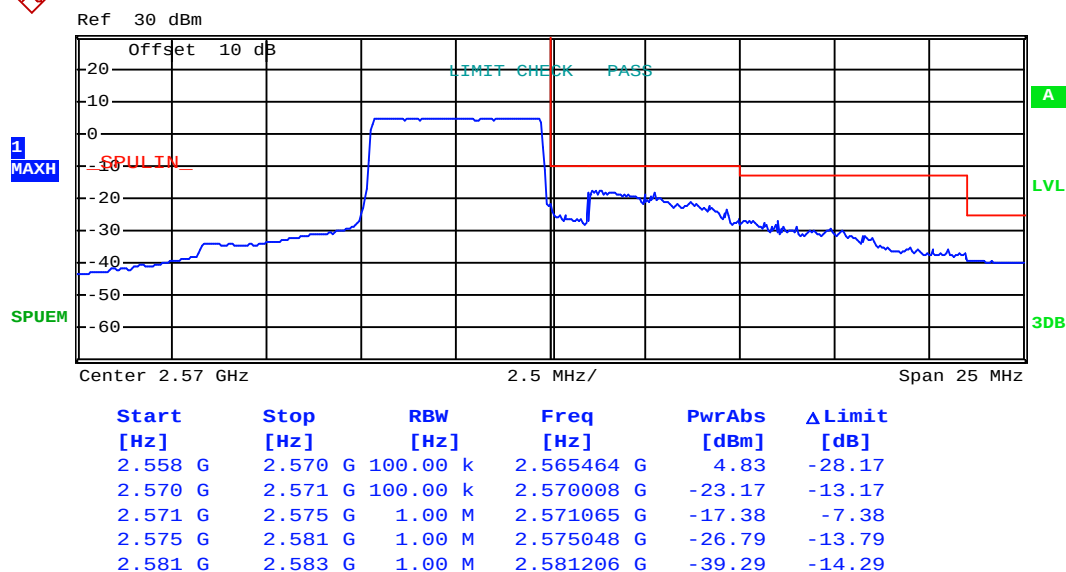
Highest channel

Test Mode:

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



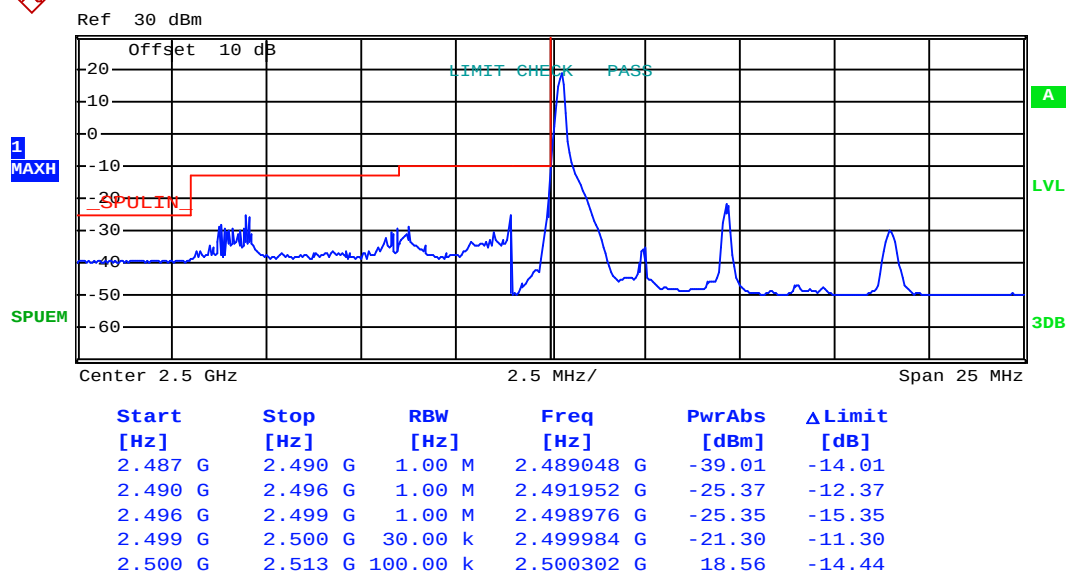
Lowest channel



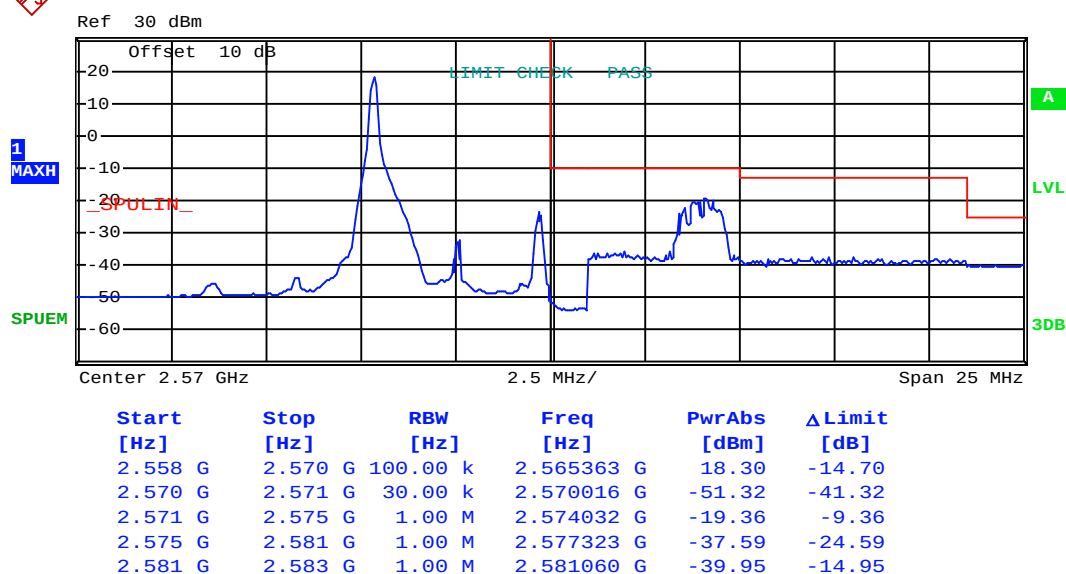
Highest channel

Test Mode:

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

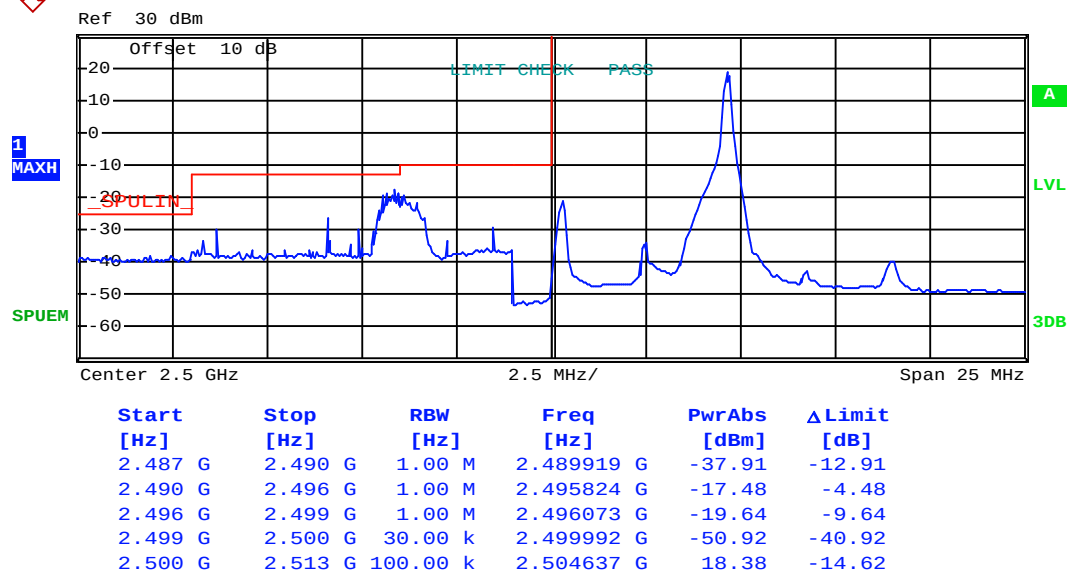


Lowest channel

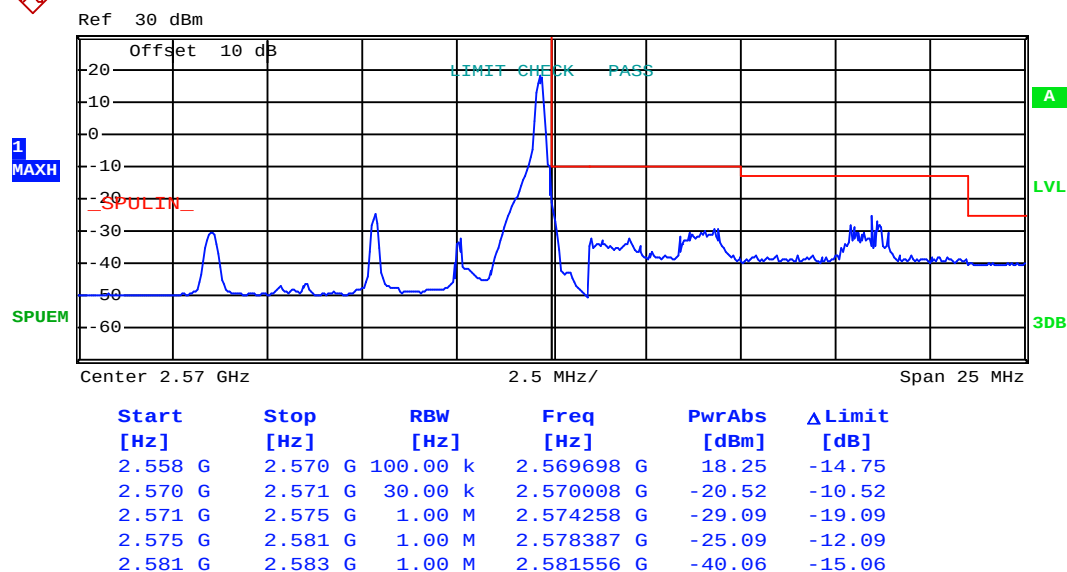


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 24)
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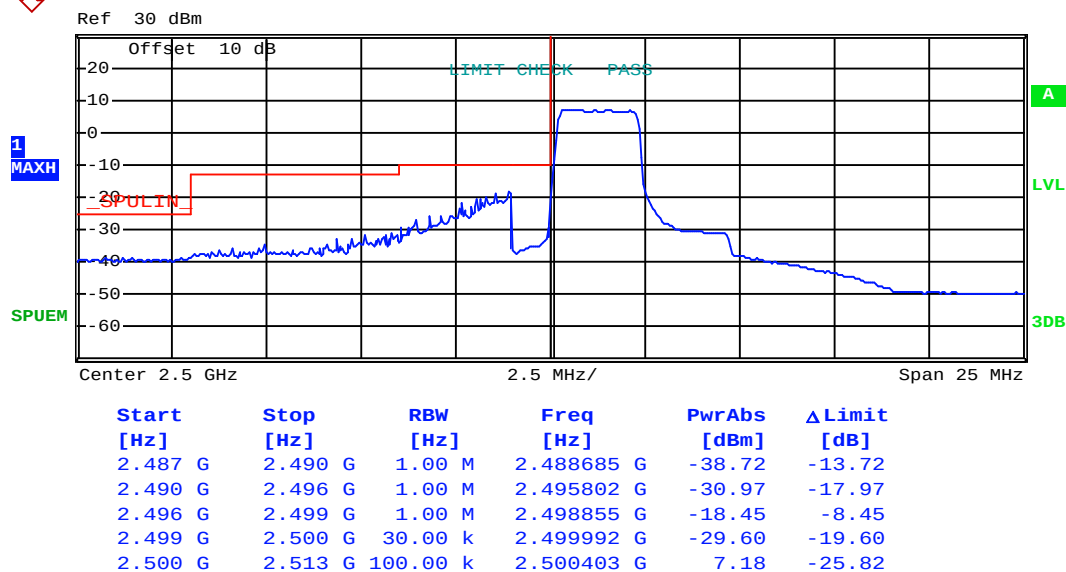
Lowest channel



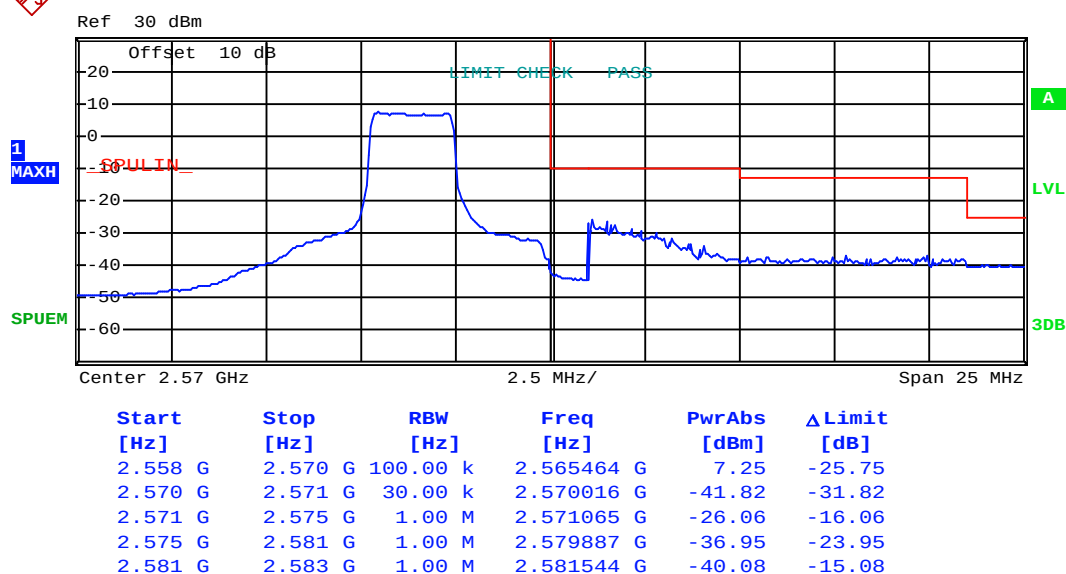
Highest channel

Test Mode:

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

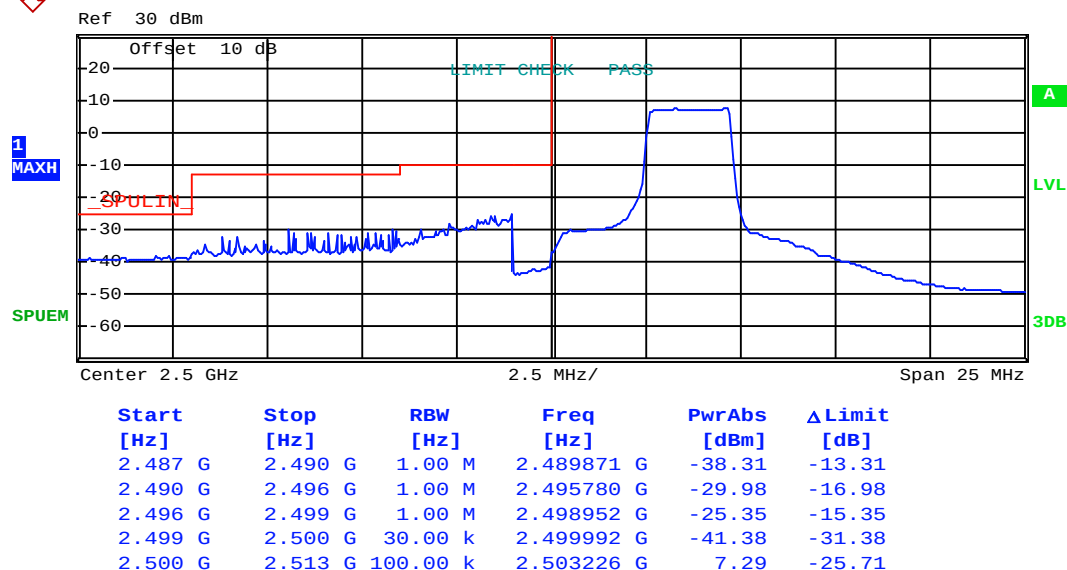


Lowest channel

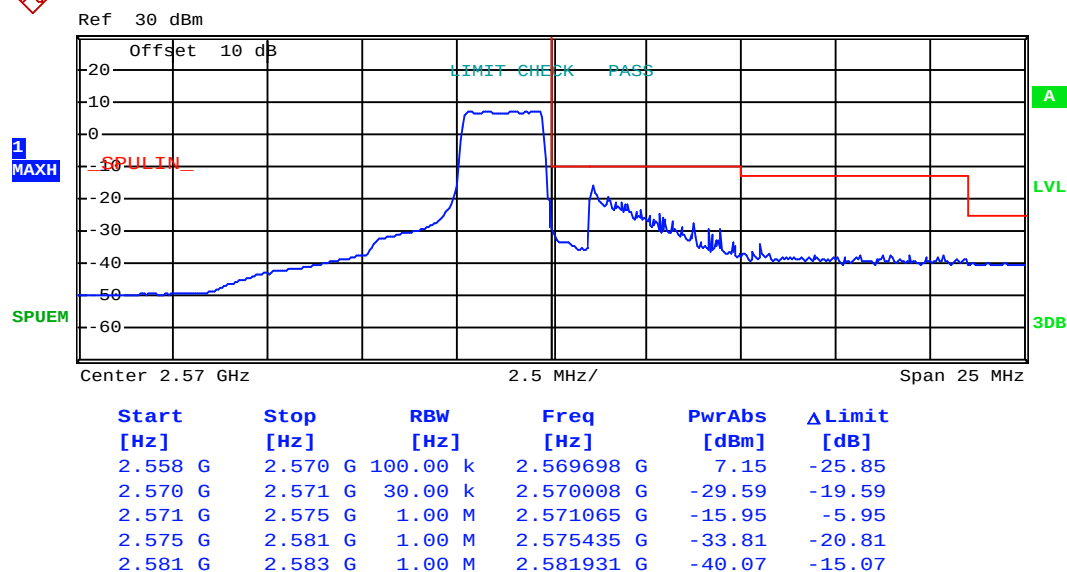


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 12 & RB Offset 11)
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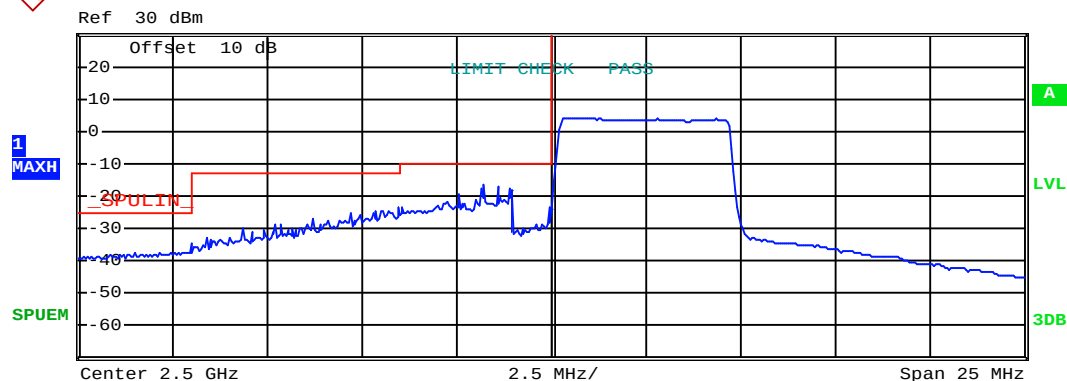
Lowest channel



Highest channel

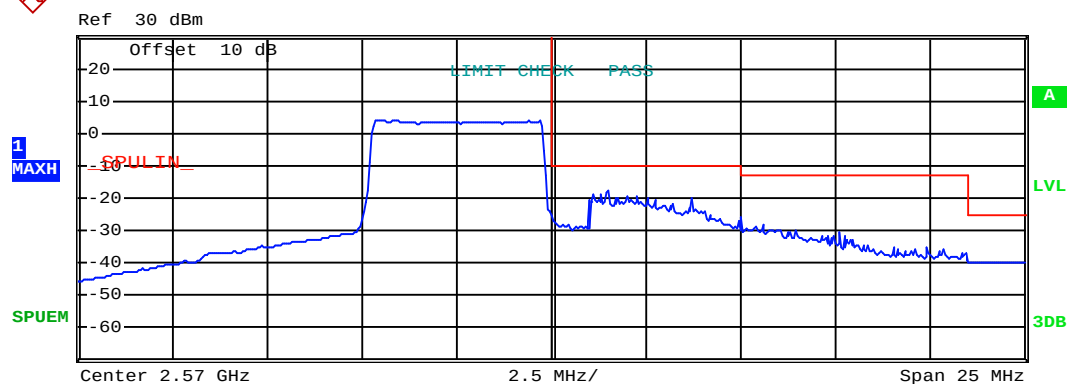
Test Mode:

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	2.490403 G	-37.45	-12.45
2.490 G	2.496 G	1.00 M	2.495912 G	-23.47	-10.47
2.496 G	2.499 G	1.00 M	2.498153 G	-16.52	-6.52
2.499 G	2.500 G	100.00 k	2.499984 G	-23.25	-13.25
2.500 G	2.513 G	100.00 k	2.500403 G	4.22	-28.78

Lowest channel



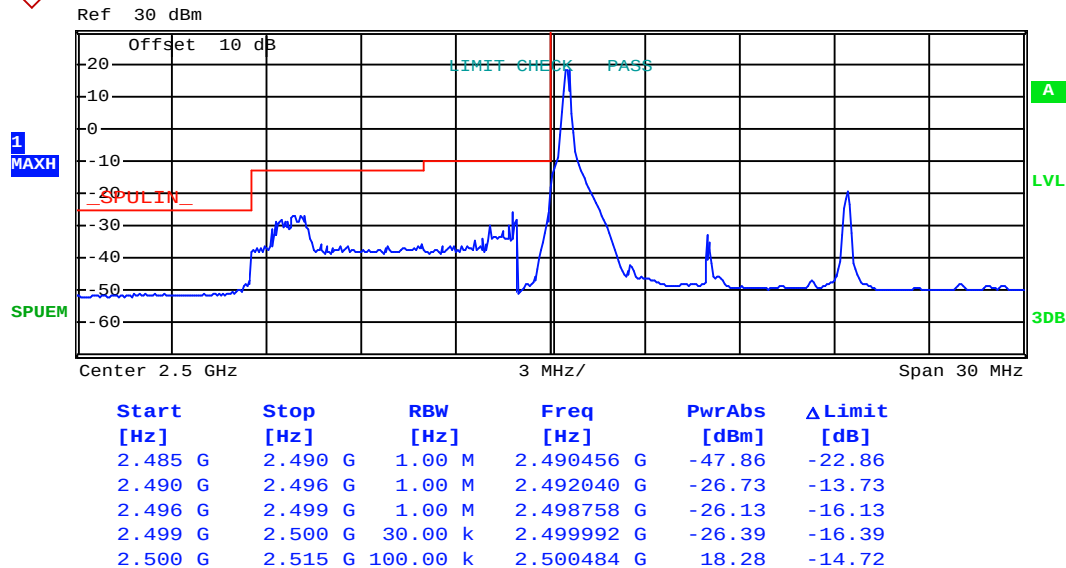
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.565363 G	3.98	-29.02
2.570 G	2.571 G	100.00 k	2.570016 G	-24.58	-14.58
2.571 G	2.575 G	1.00 M	2.571484 G	-17.64	-7.64
2.575 G	2.581 G	1.00 M	2.575532 G	-27.91	-14.91
2.581 G	2.583 G	1.00 M	2.581060 G	-39.65	-14.65

Highest channel

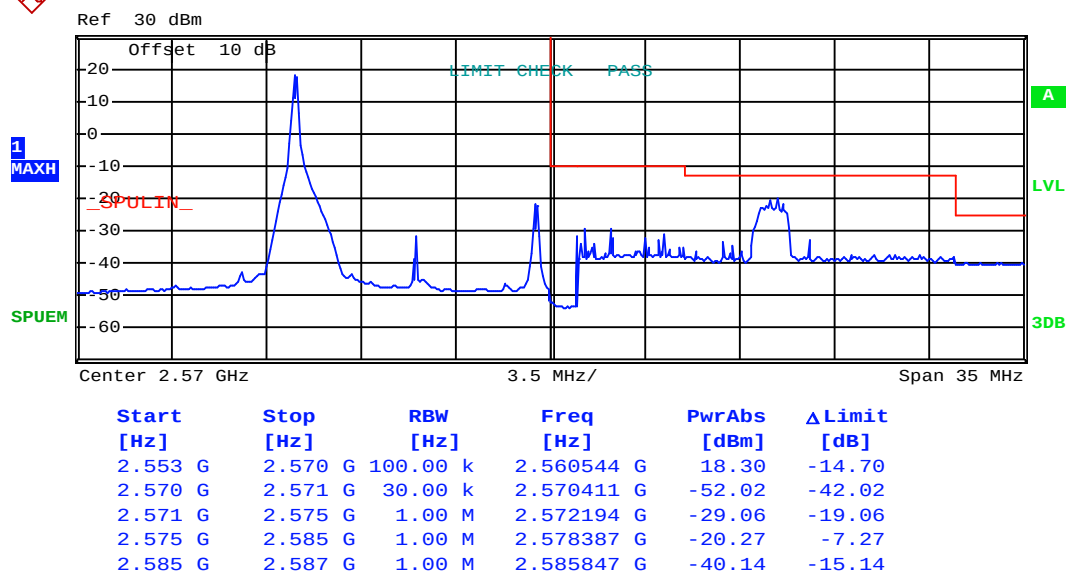
10MHz:

Test Mode:

LTE band 7(QPSK RB Size 1 & RB Offset 0)



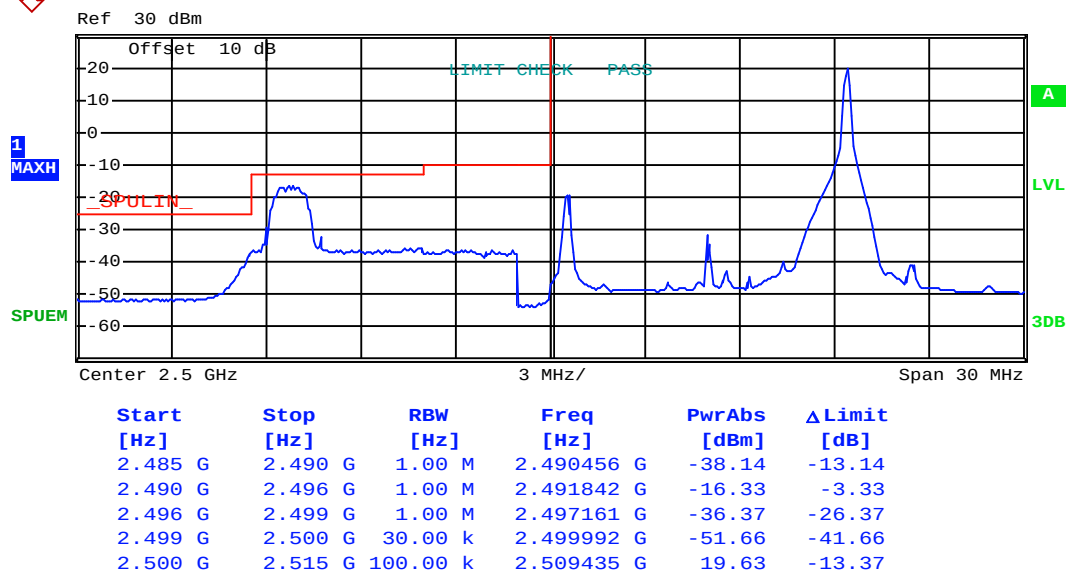
Lowest channel



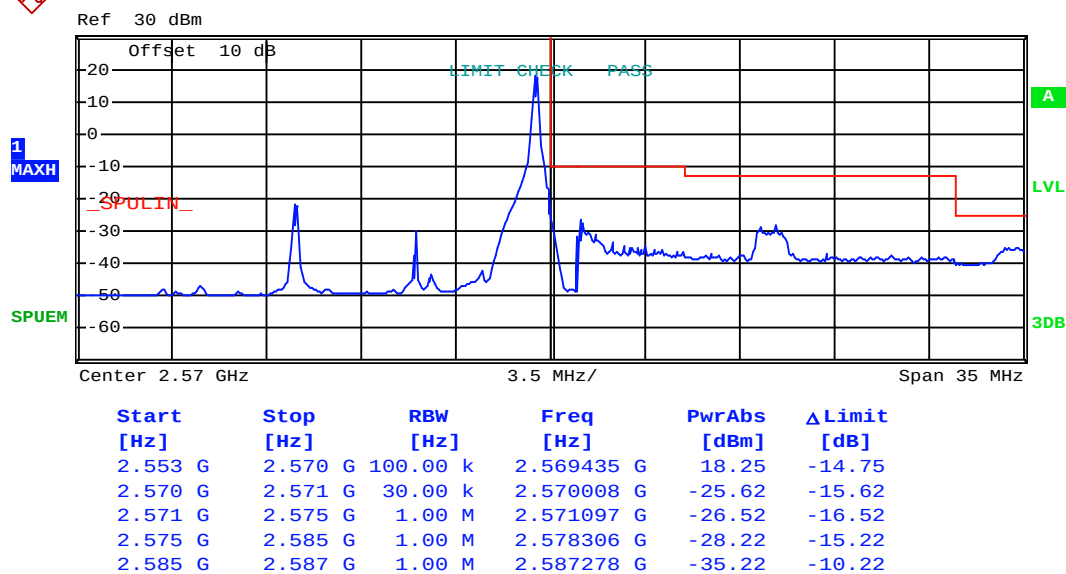
Highest channel

Test Mode:

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



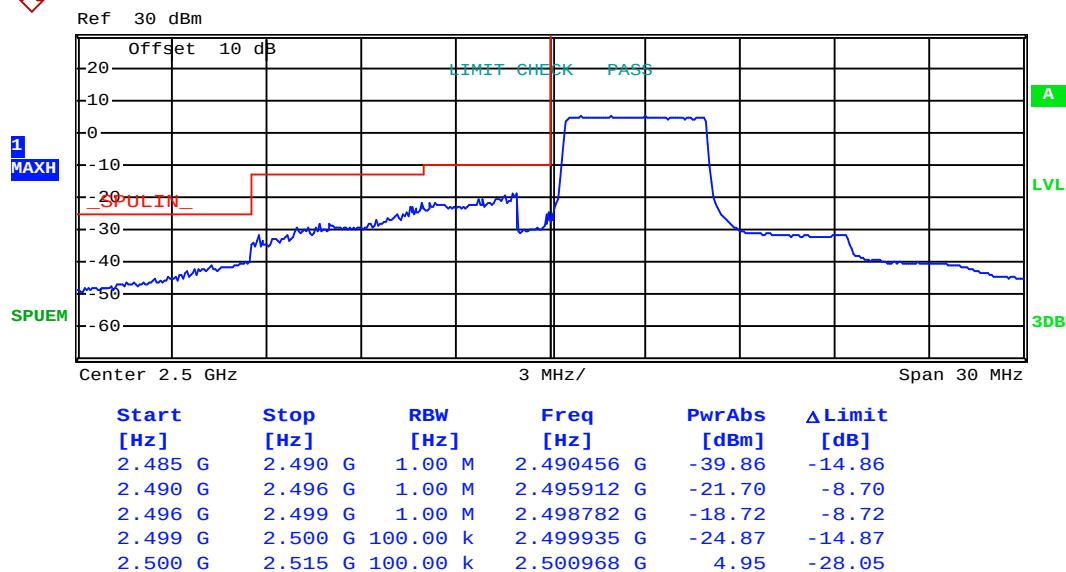
Lowest channel



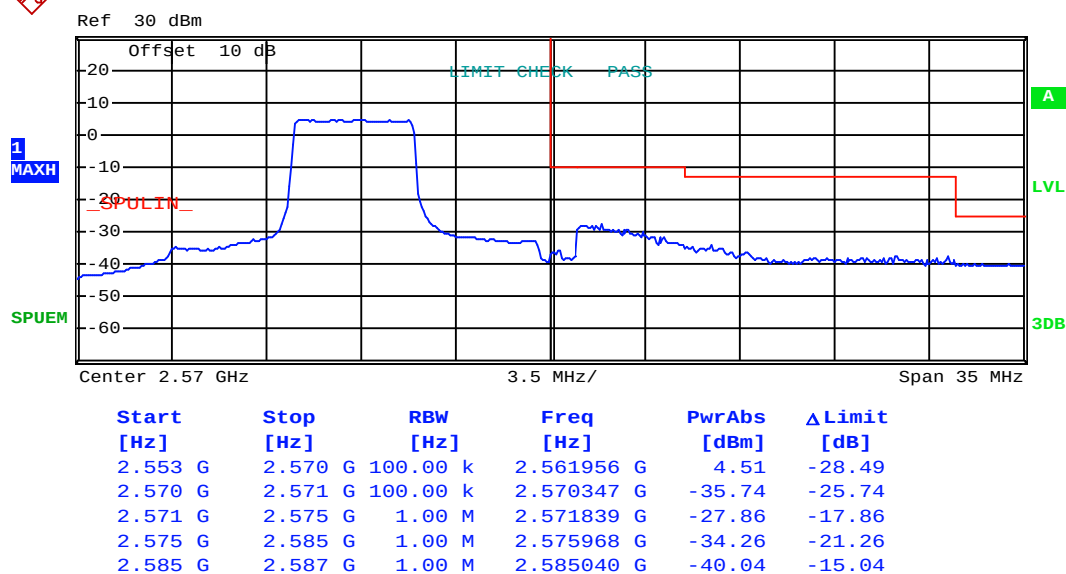
Highest channel

Test Mode:

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

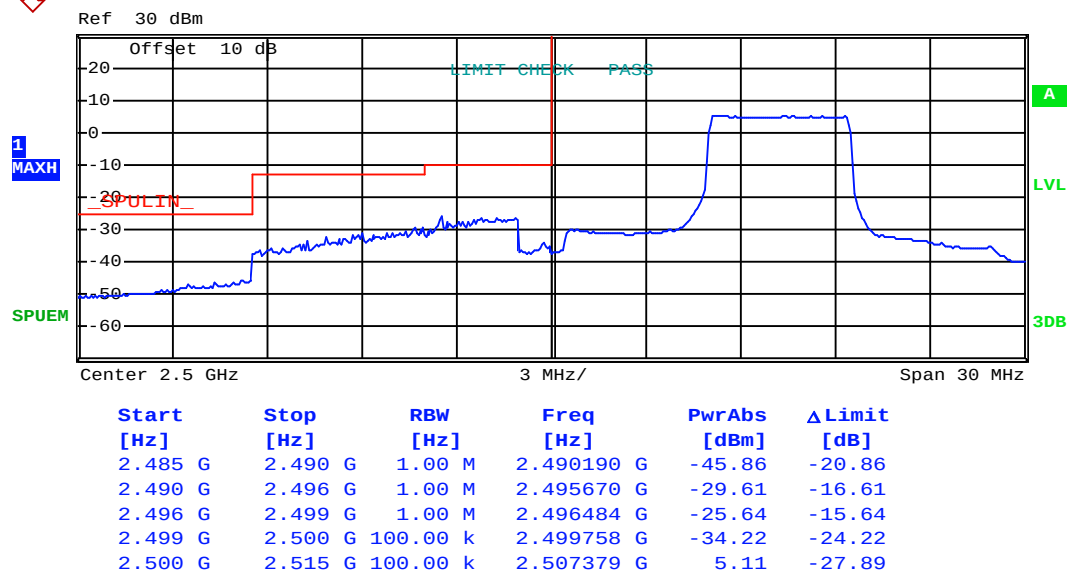


Lowest channel

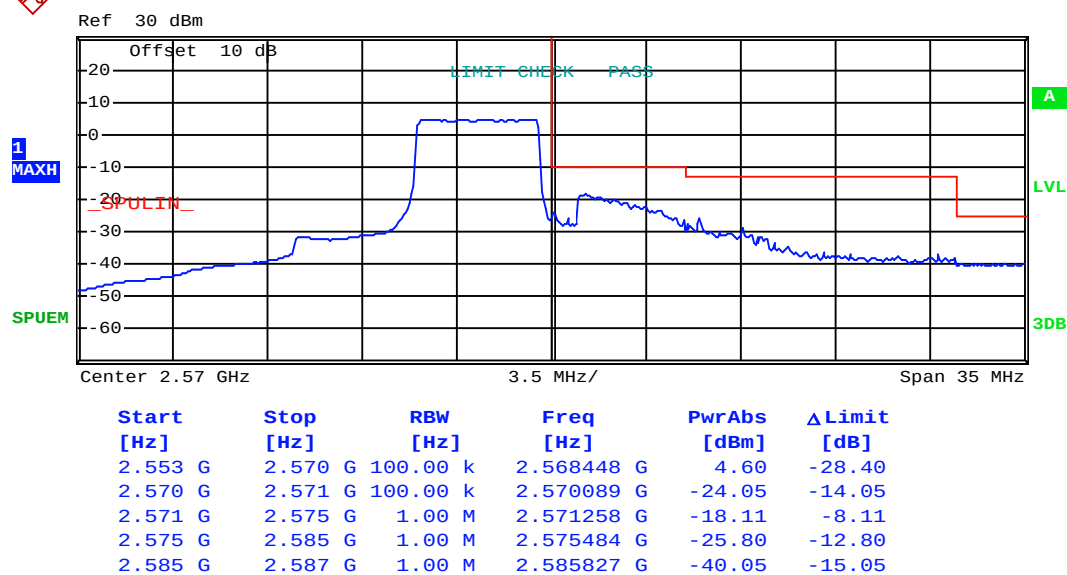


Highest channel

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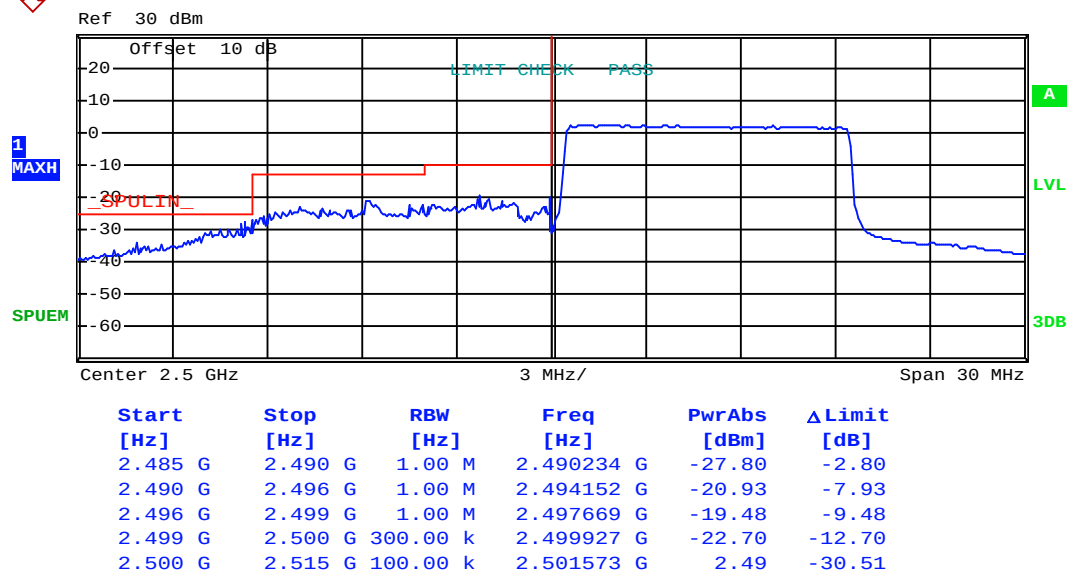


Lowest channel

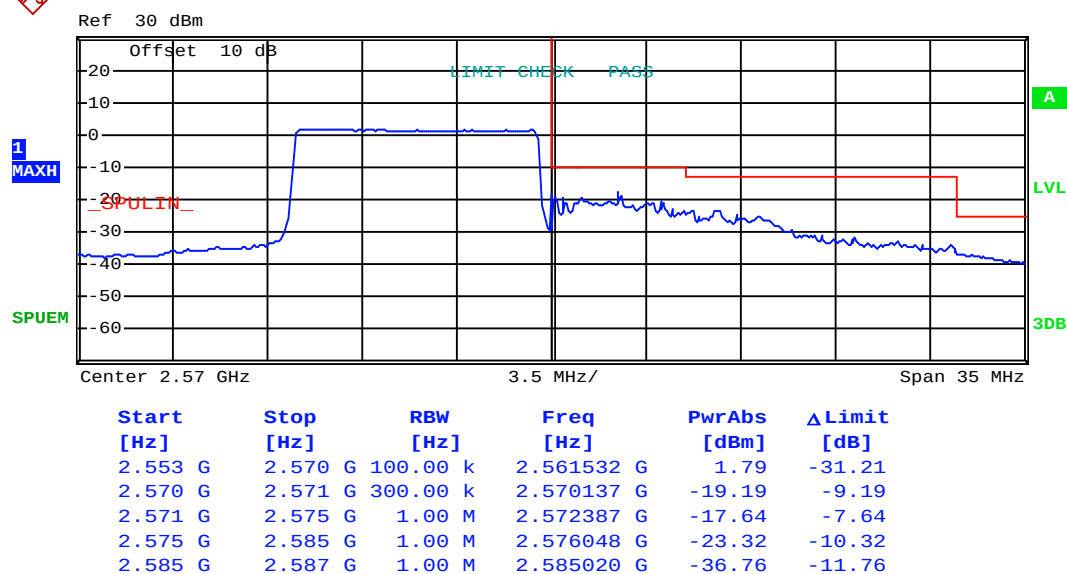


Highest channel

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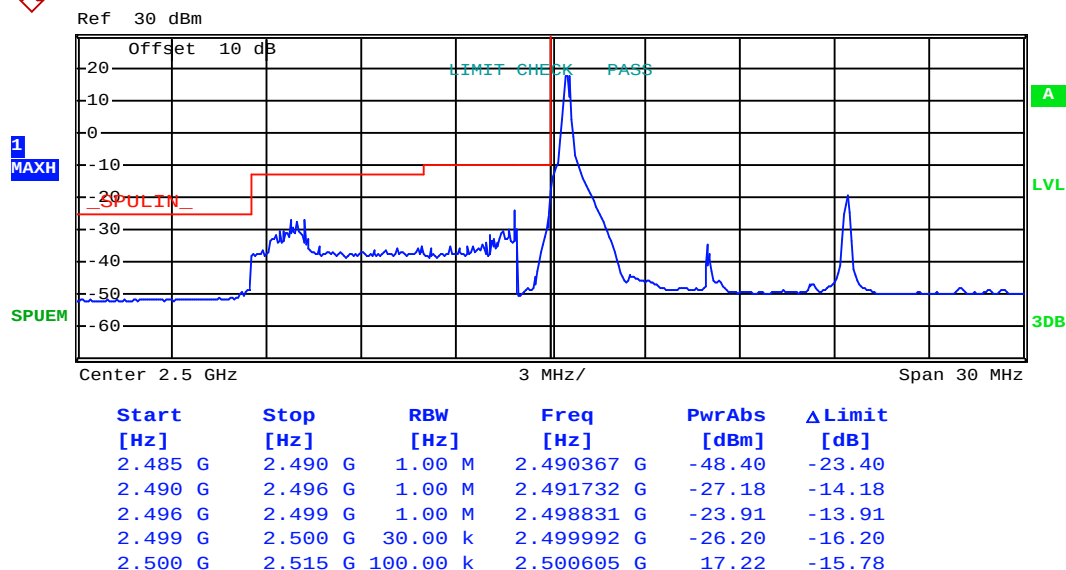
Lowest channel



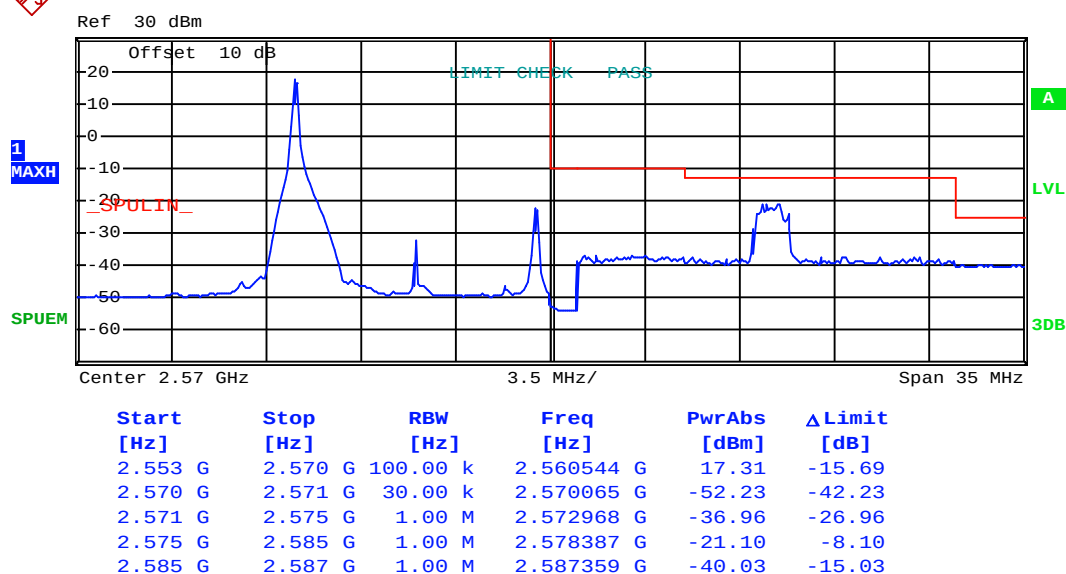
Highest channel

Test Mode:

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



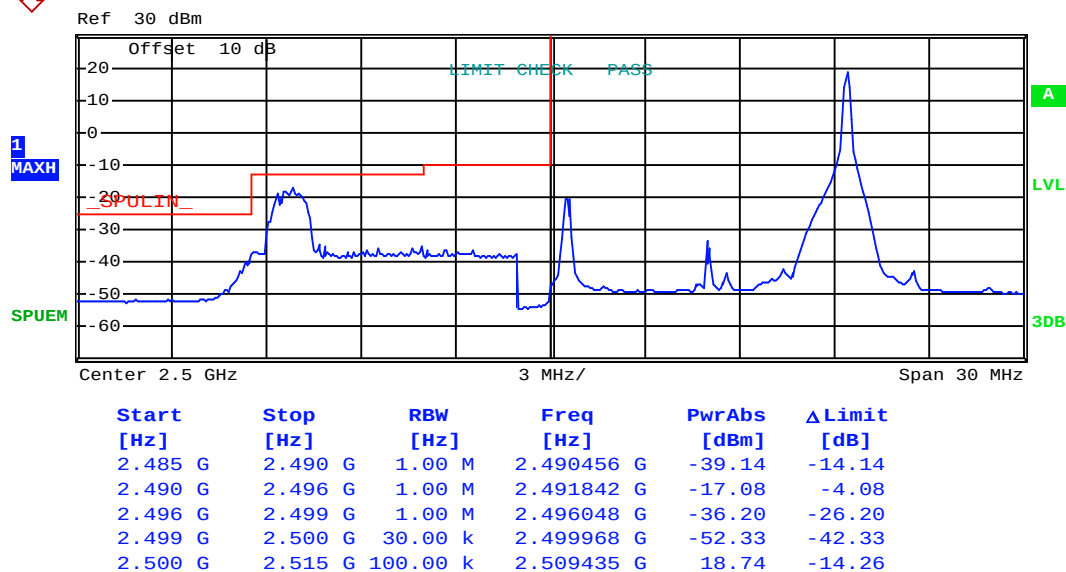
Lowest channel



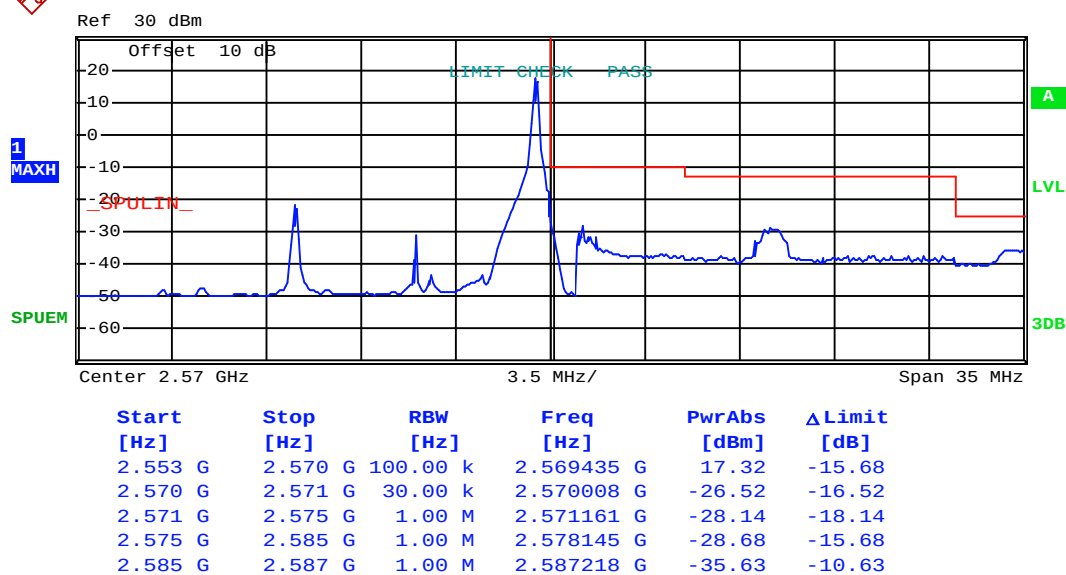
Highest channel

Test Mode:

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



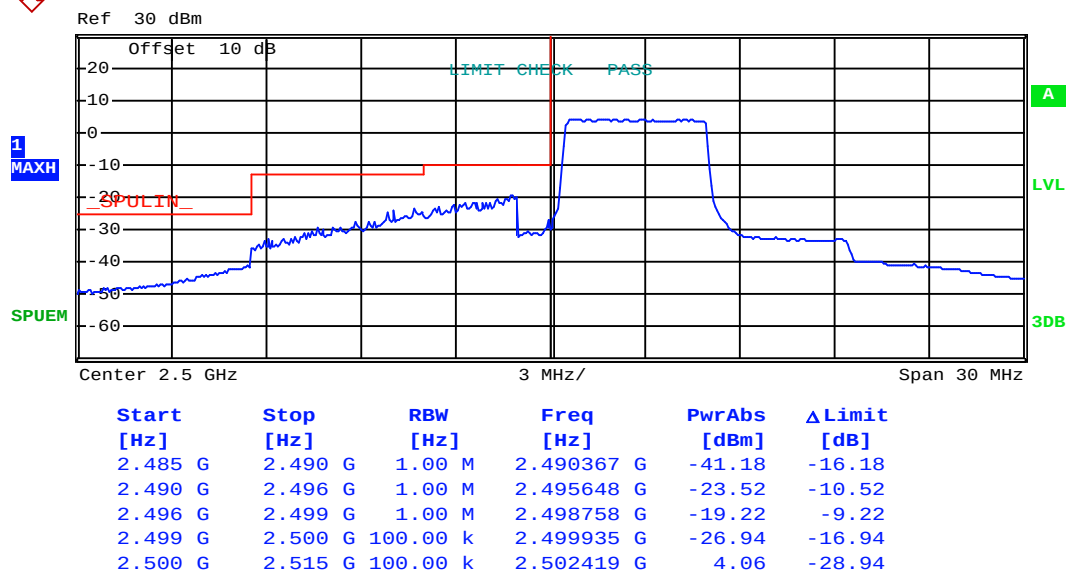
Lowest channel



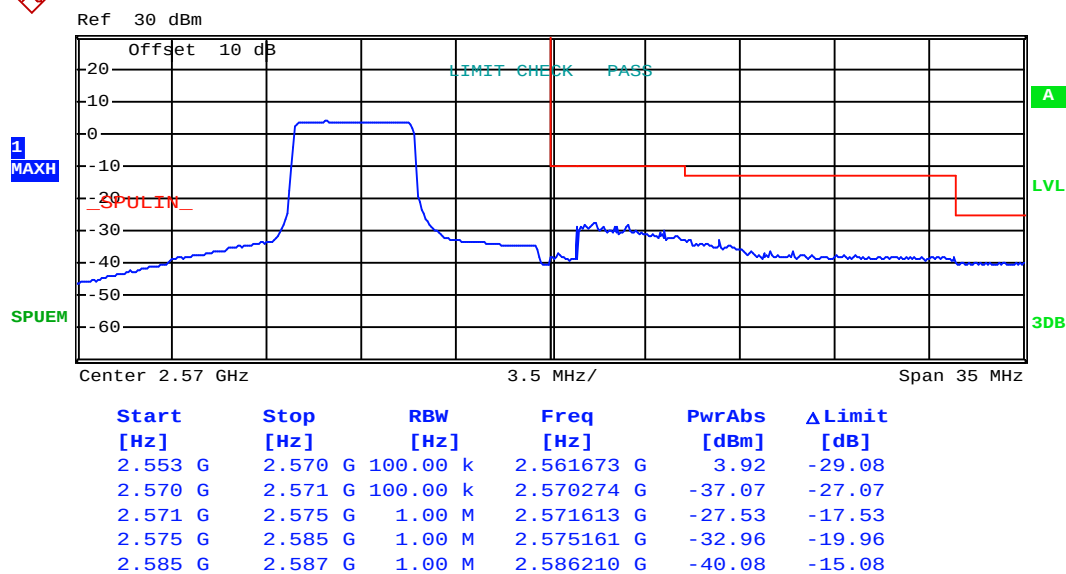
Highest channel

Test Mode:

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



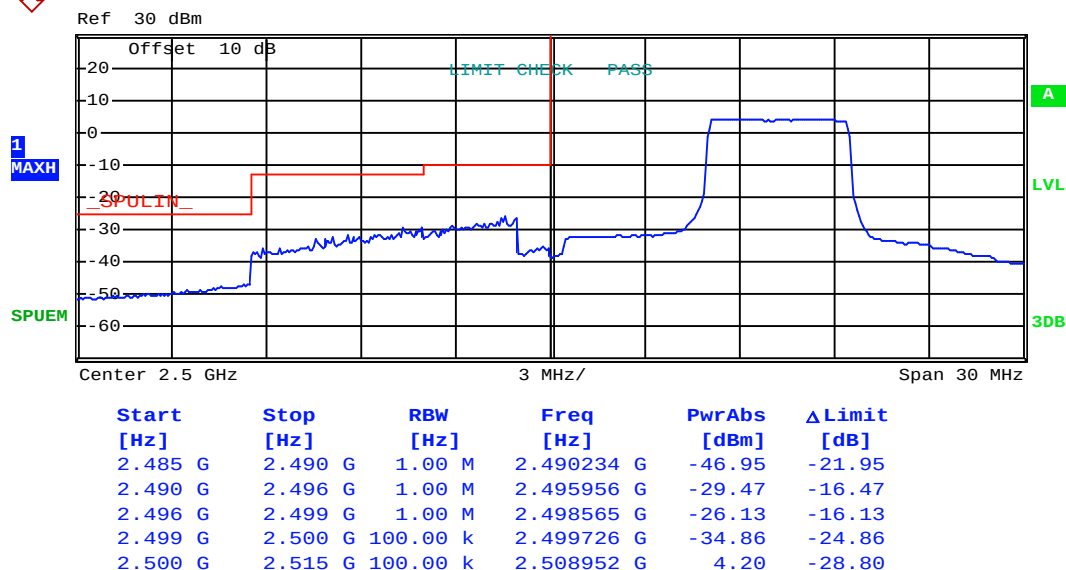
Lowest channel



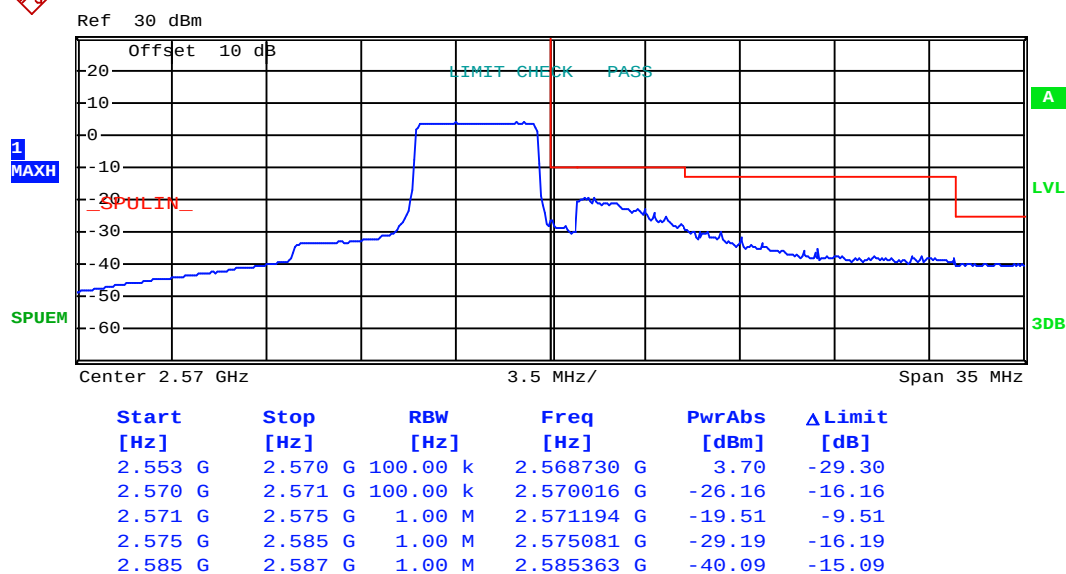
Highest channel

Test Mode:

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



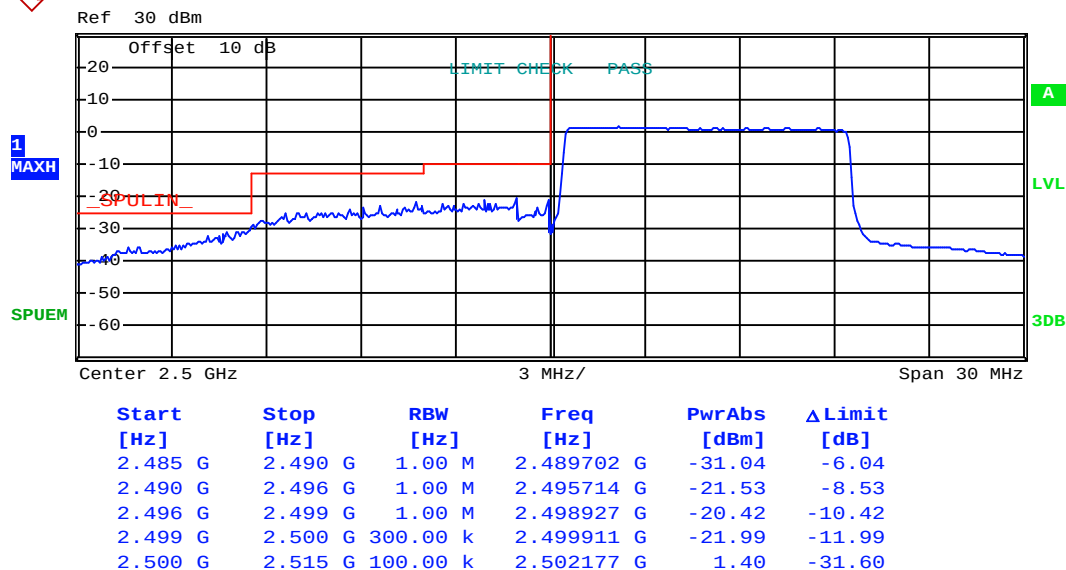
Lowest channel



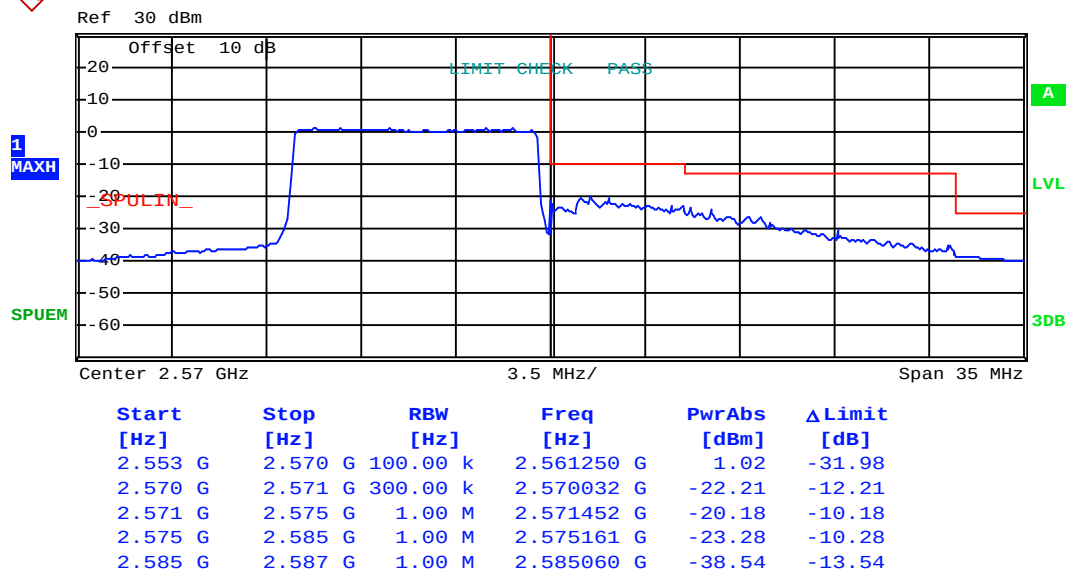
Highest channel

Test Mode:

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



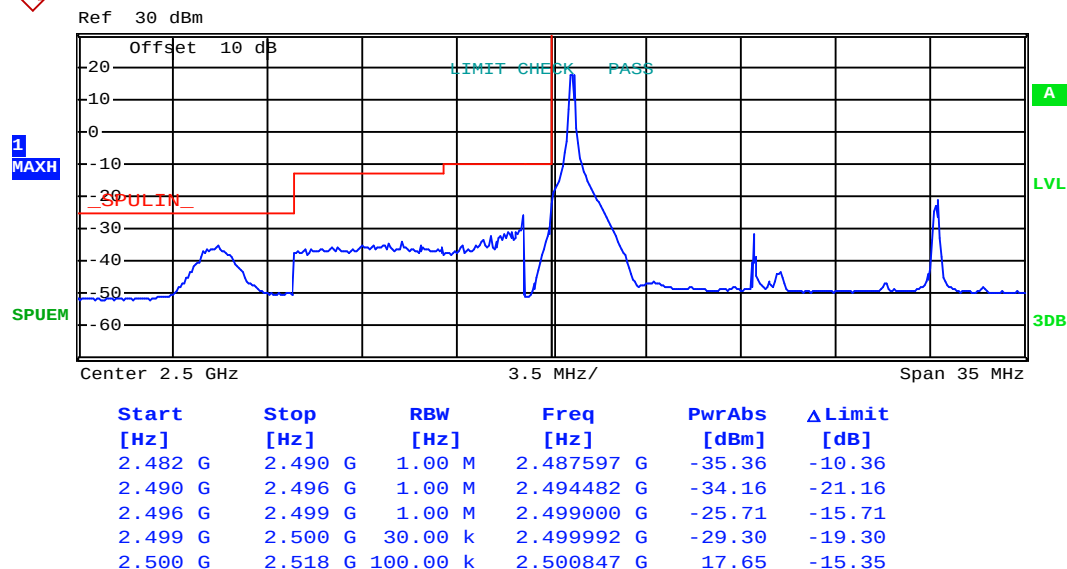
Lowest channel



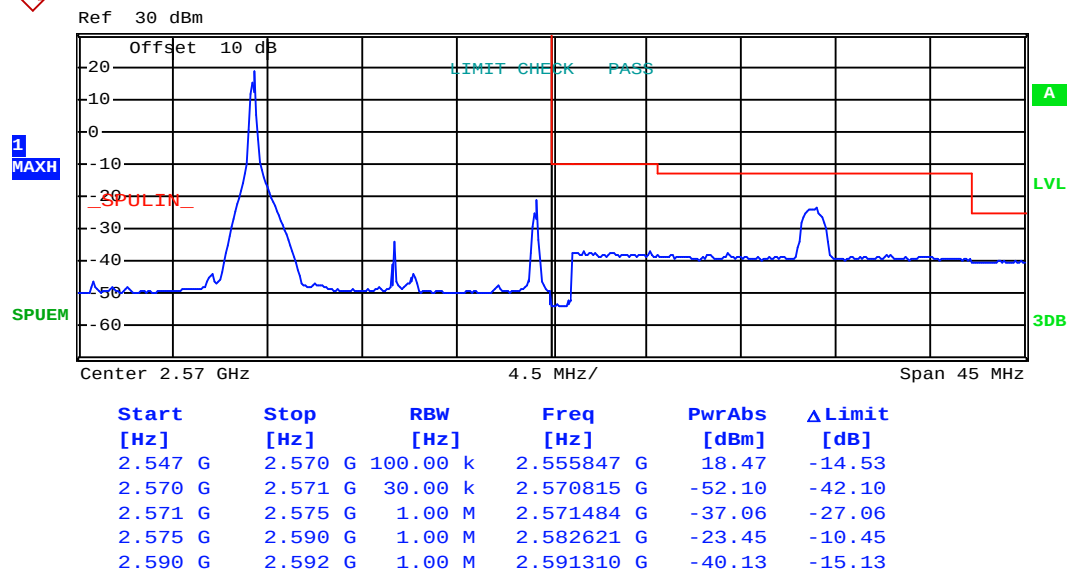
Highest channel

15MHz:

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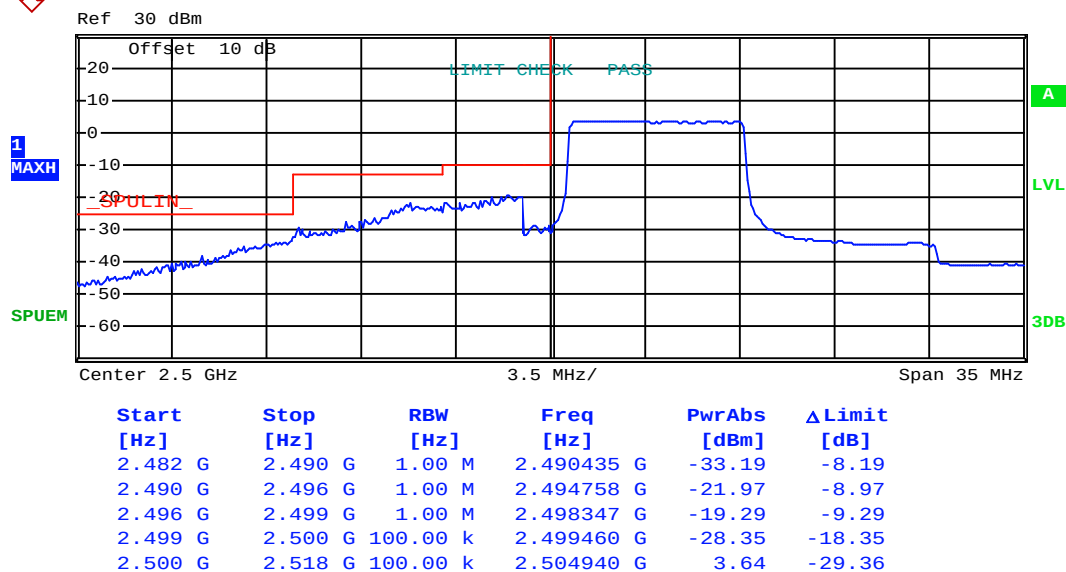
Lowest channel



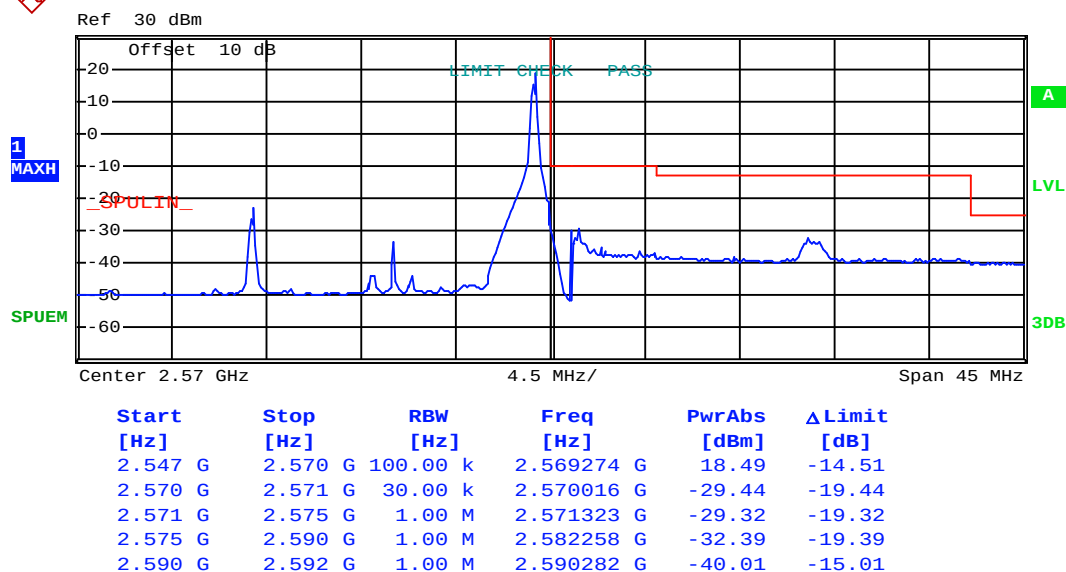
Highest channel

Test Mode:

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

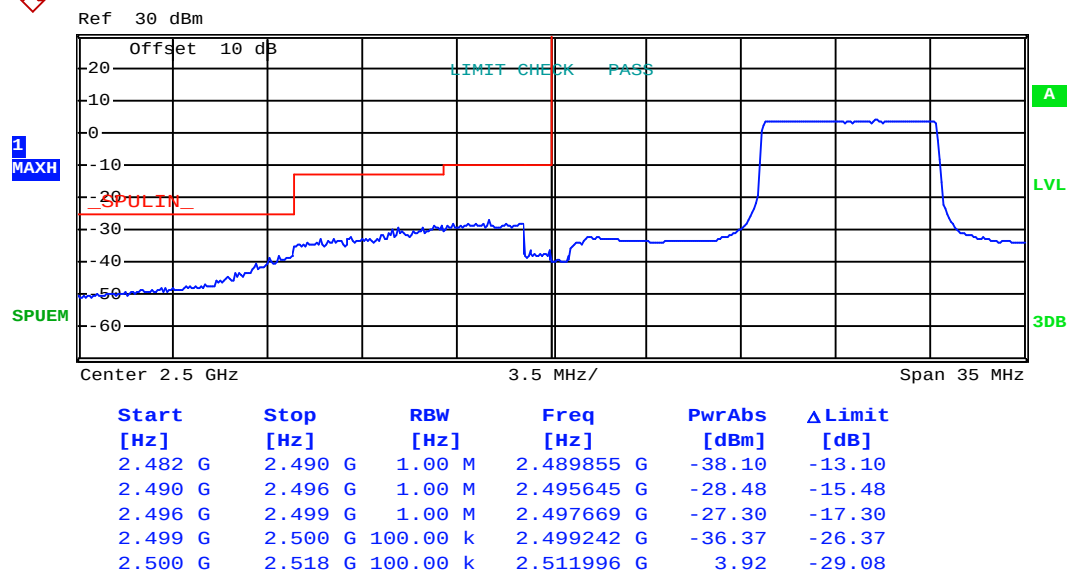


Lowest channel

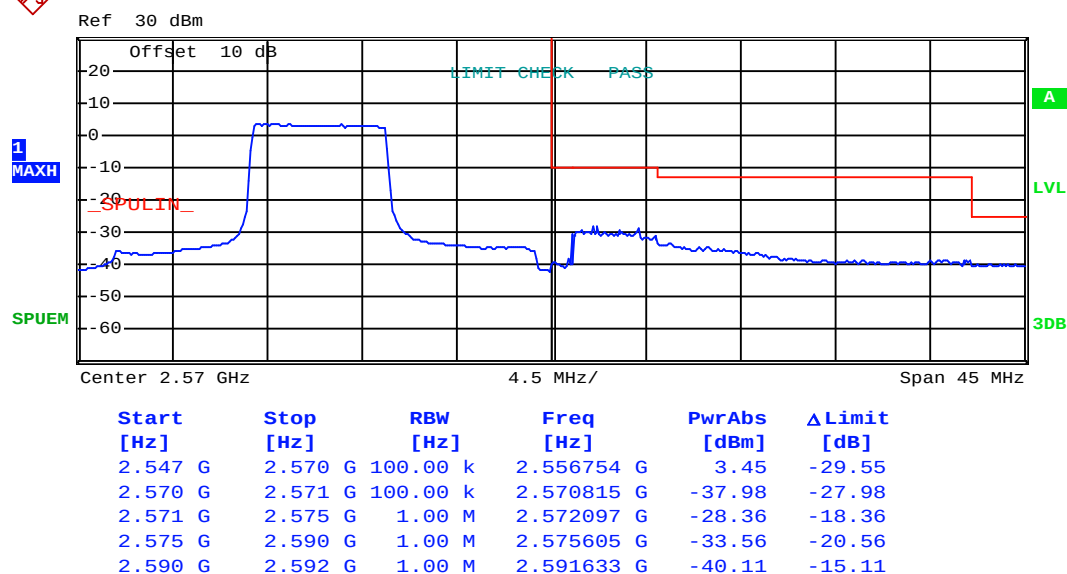


Highest channel

Test Mode:	LTE band 7(QPSK RB Size 36 & RB Offset 0)
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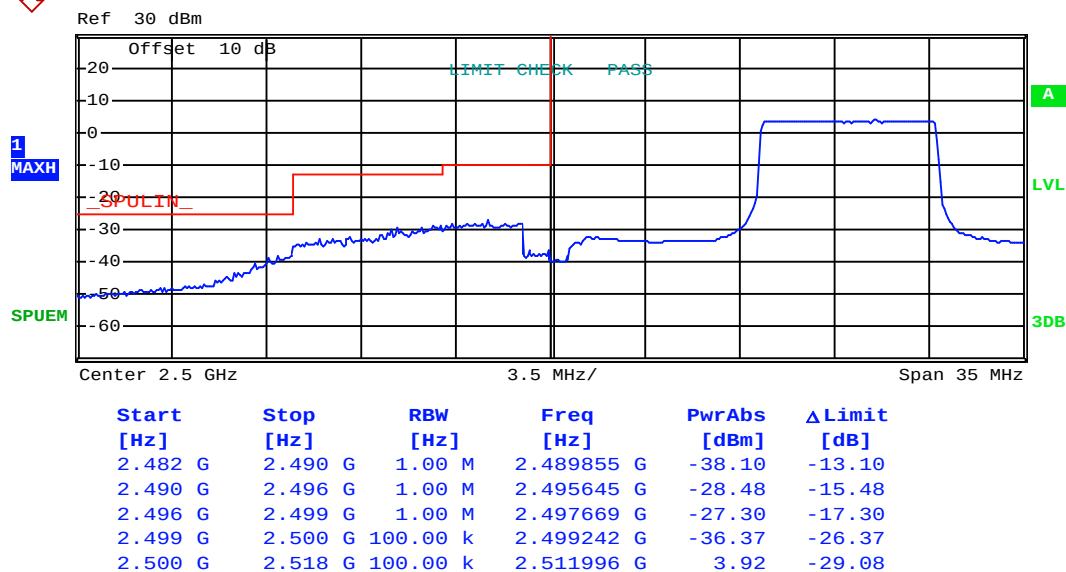
Lowest channel



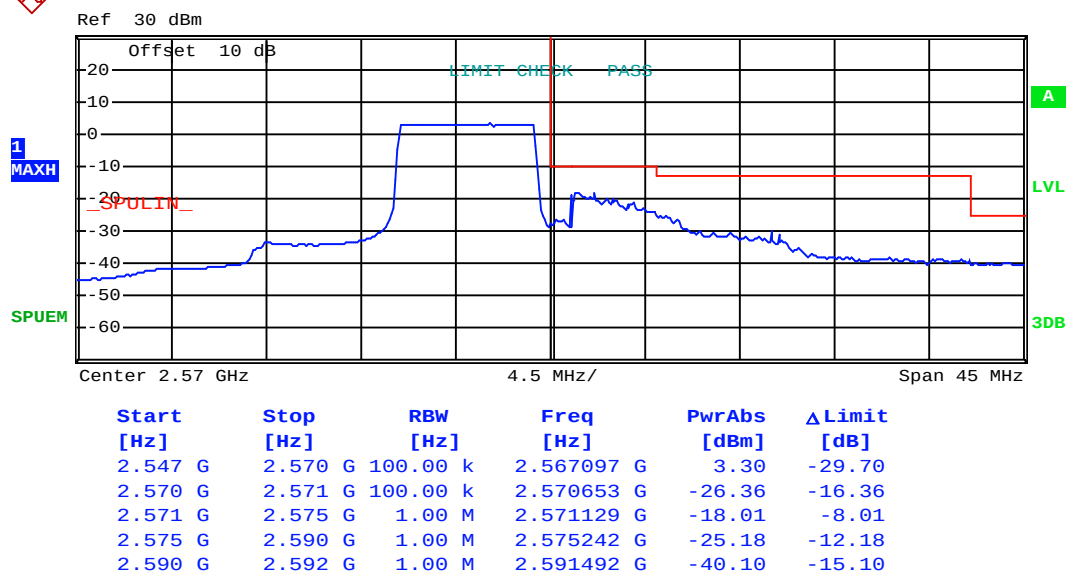
Highest channel

Test Mode:

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



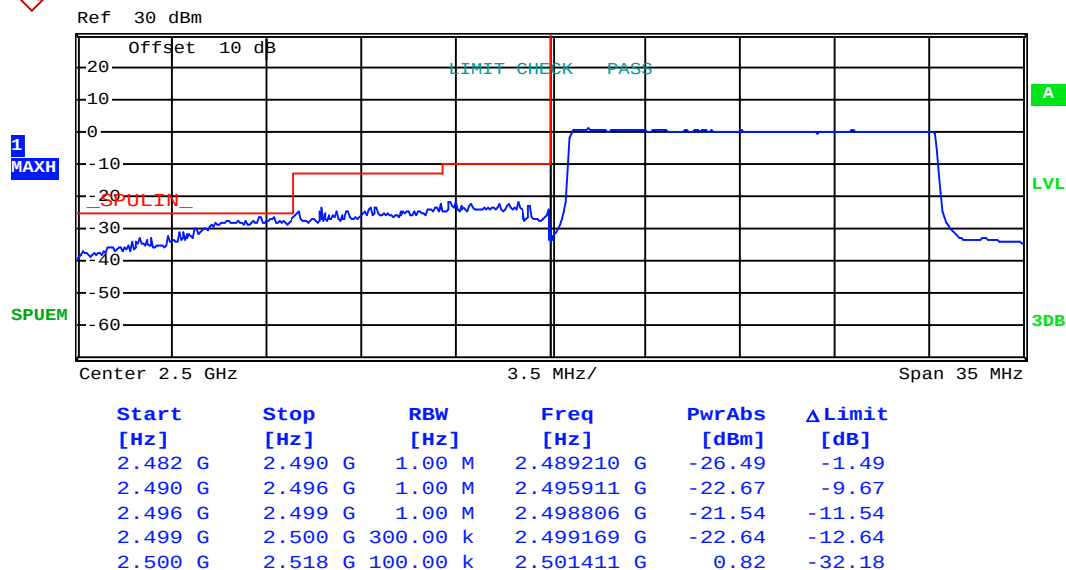
Lowest channel



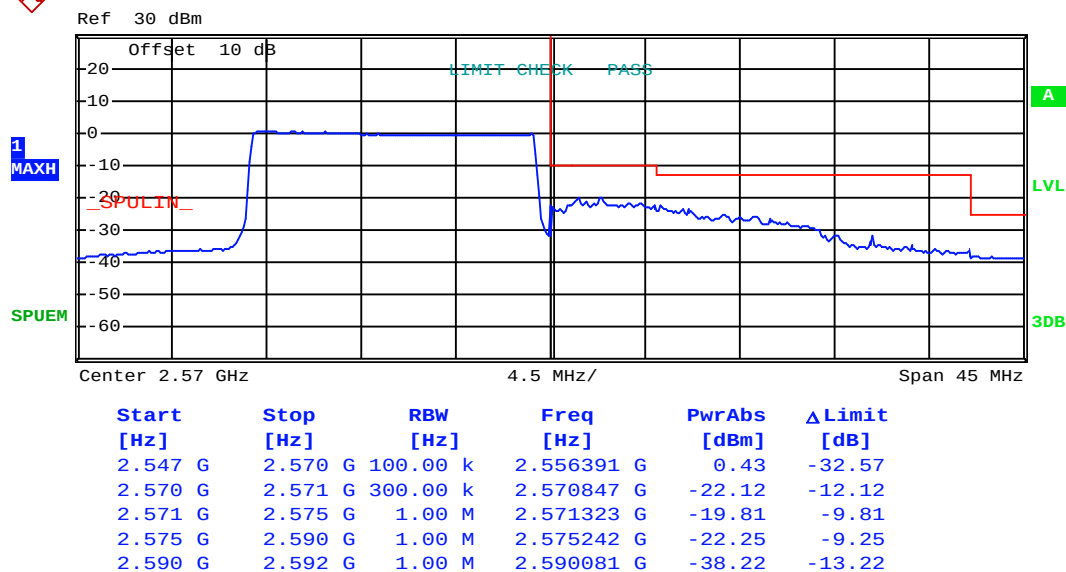
Highest channel

Test Mode:

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



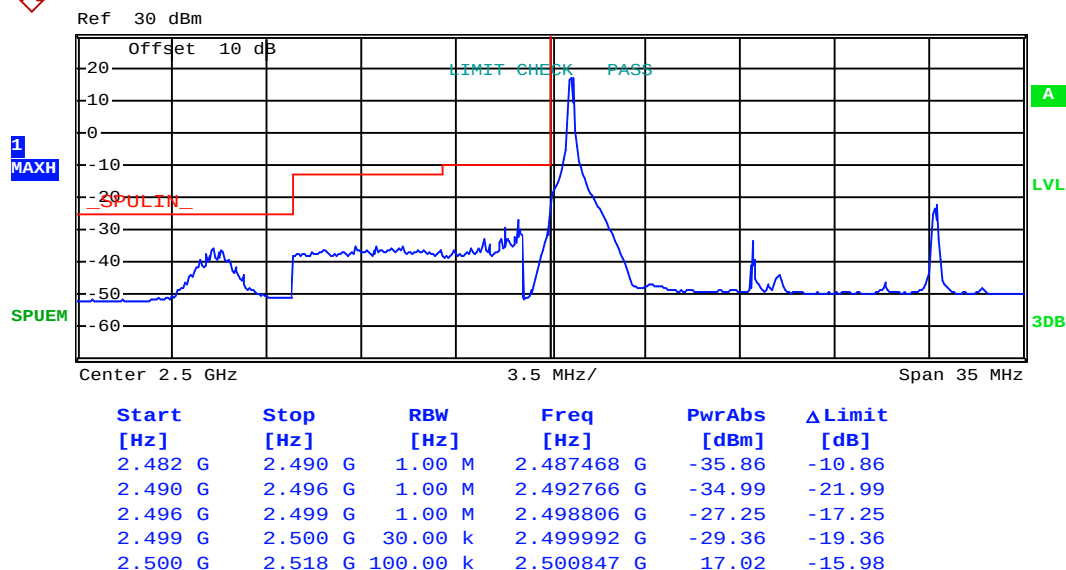
Lowest channel



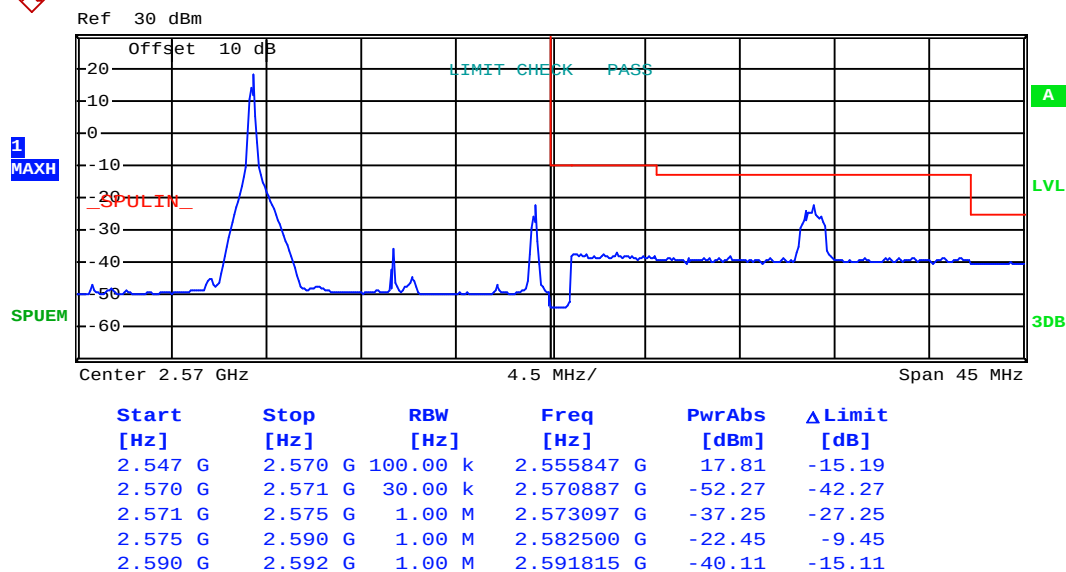
Highest channel

Test Mode:

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

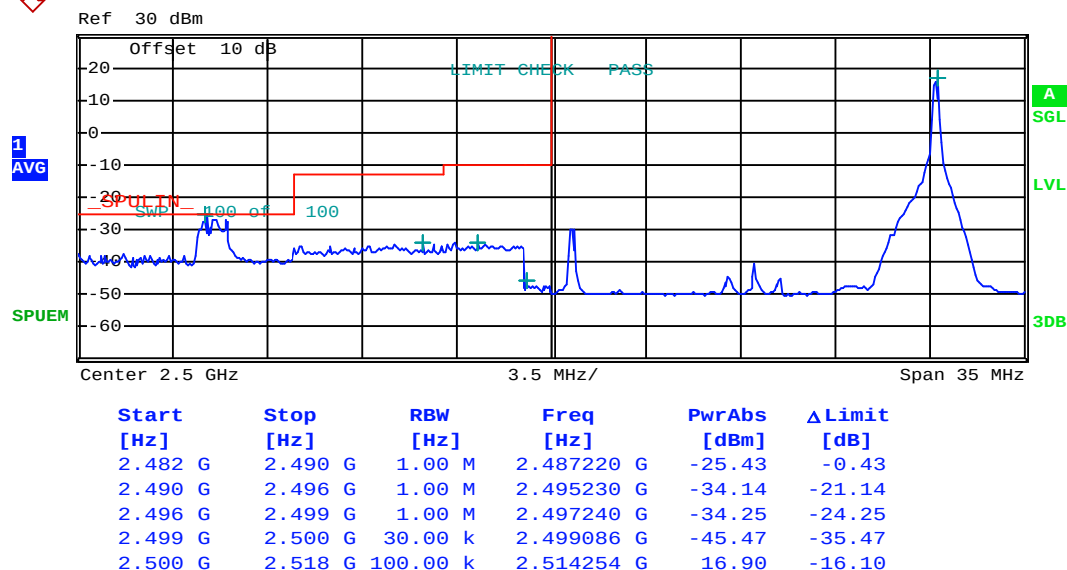


Lowest channel

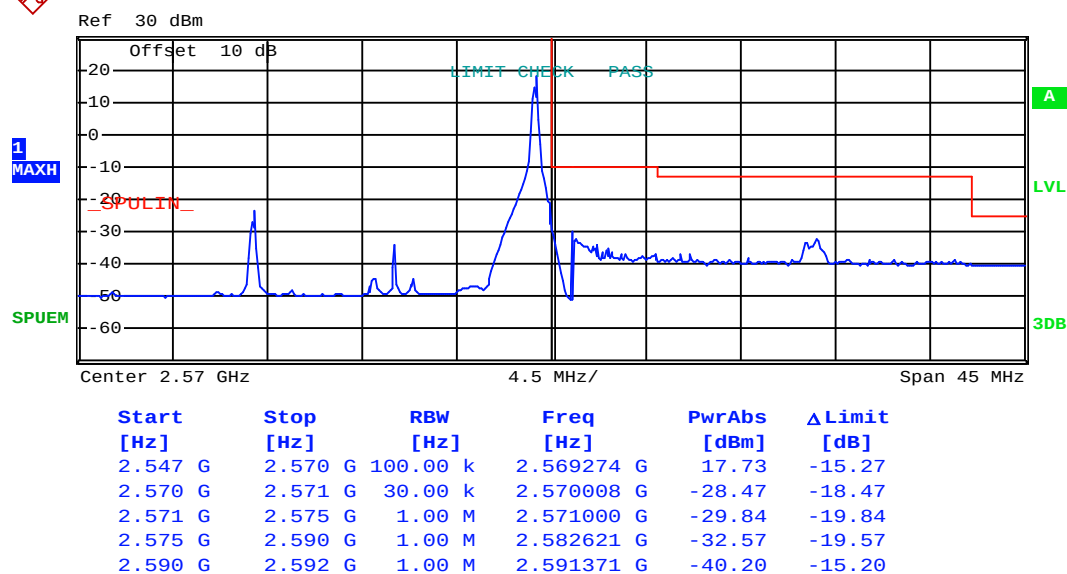


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 74)
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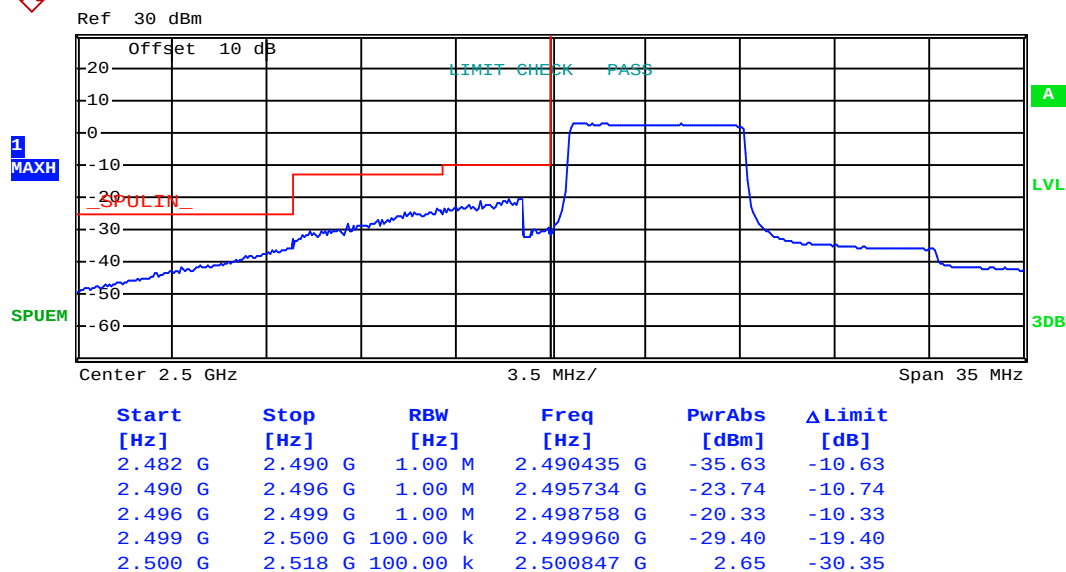
Lowest channel



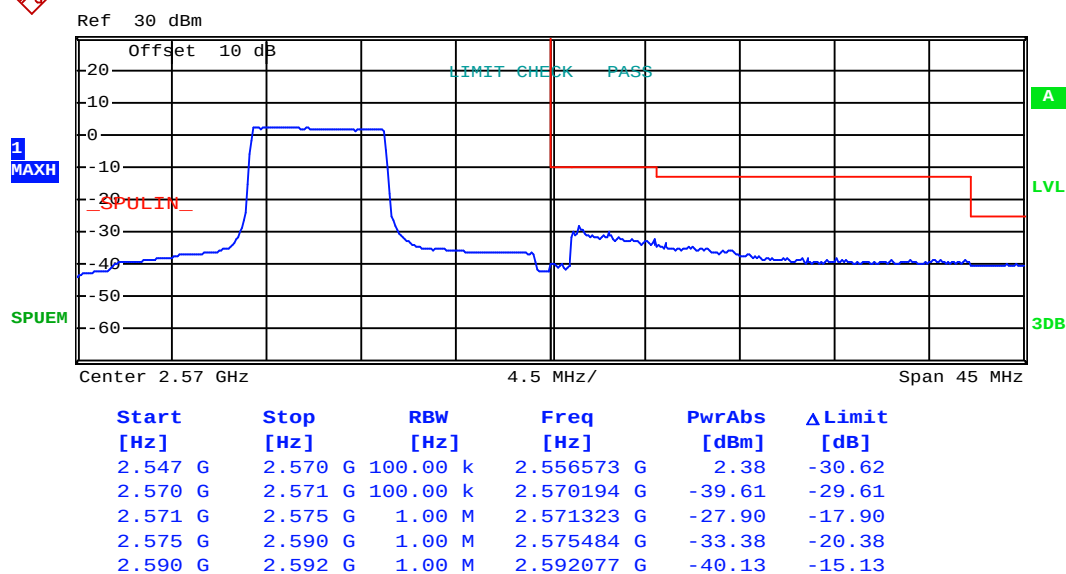
Highest channel

Test Mode:

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

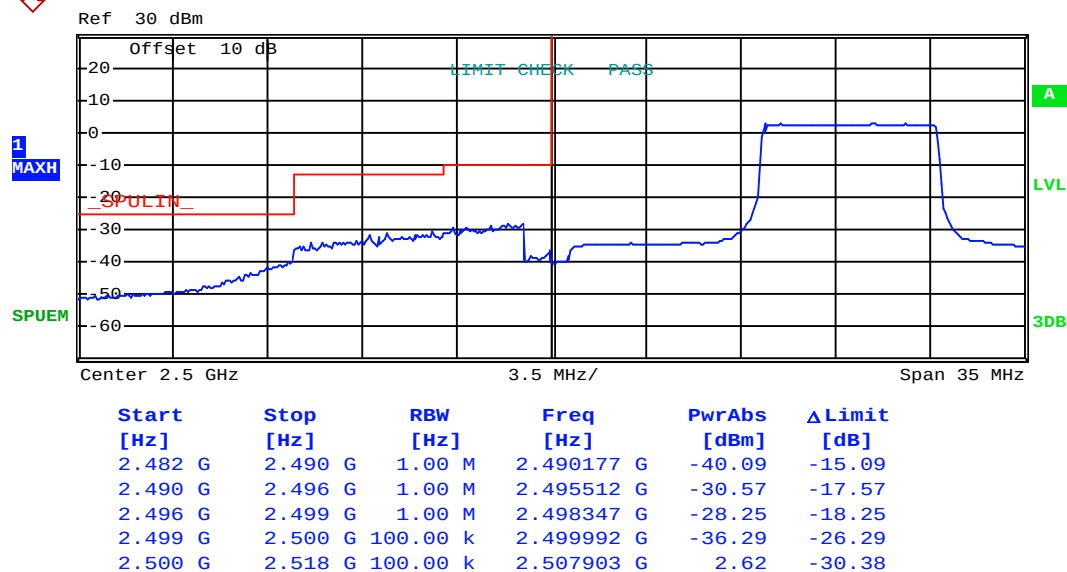


Lowest channel

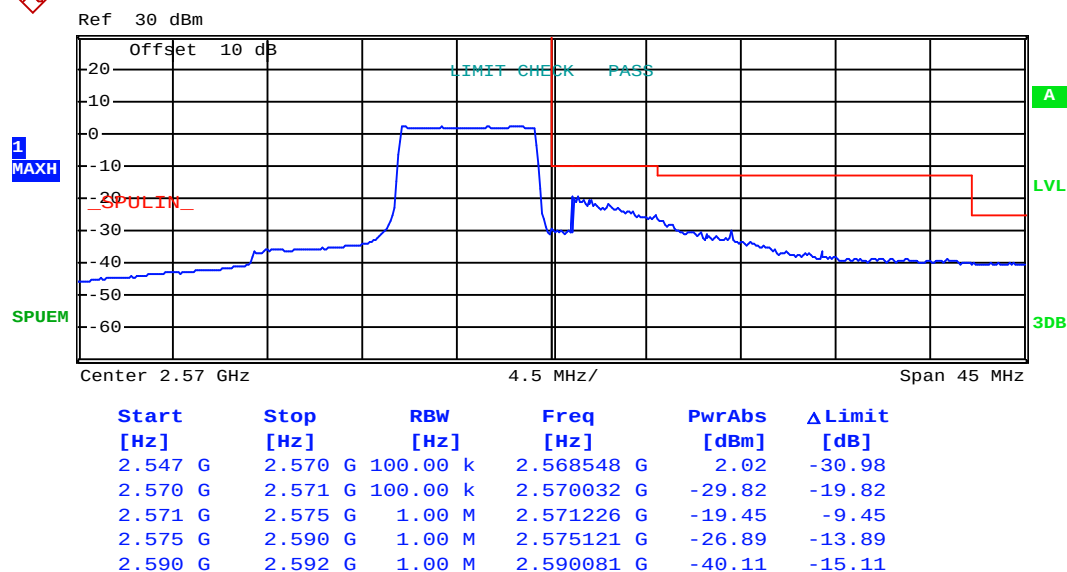


Highest channel

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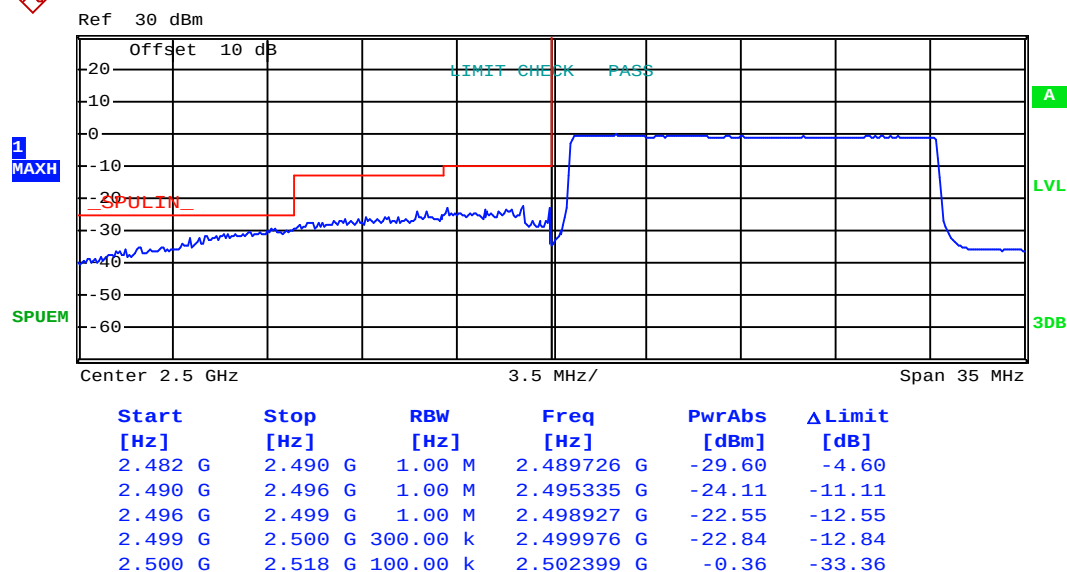


Lowest channel

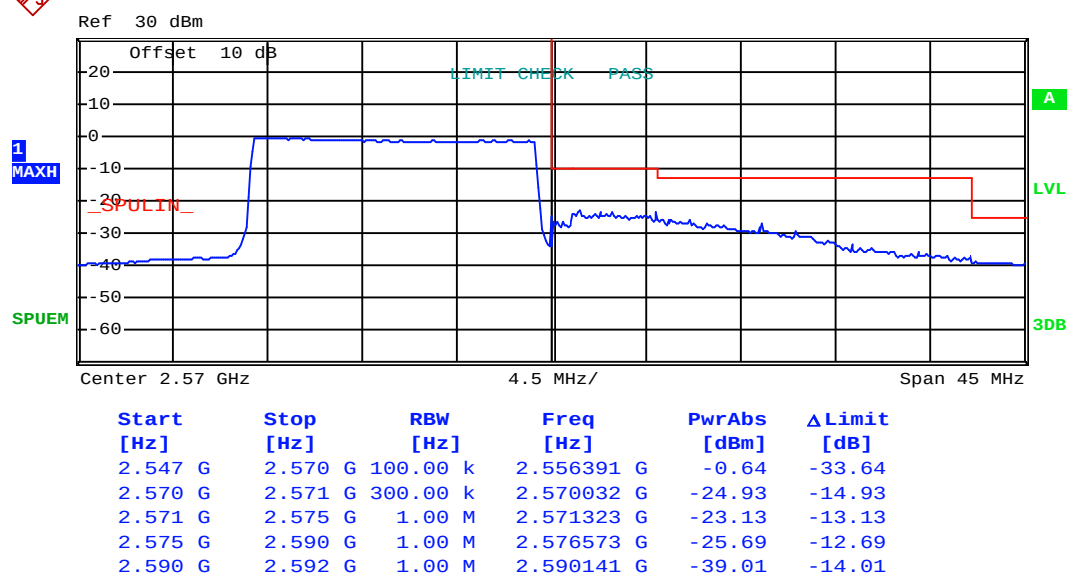


Highest channel

Test Mode:	LTE band 7(16QAM RB Size 75 & RB Offset 0)
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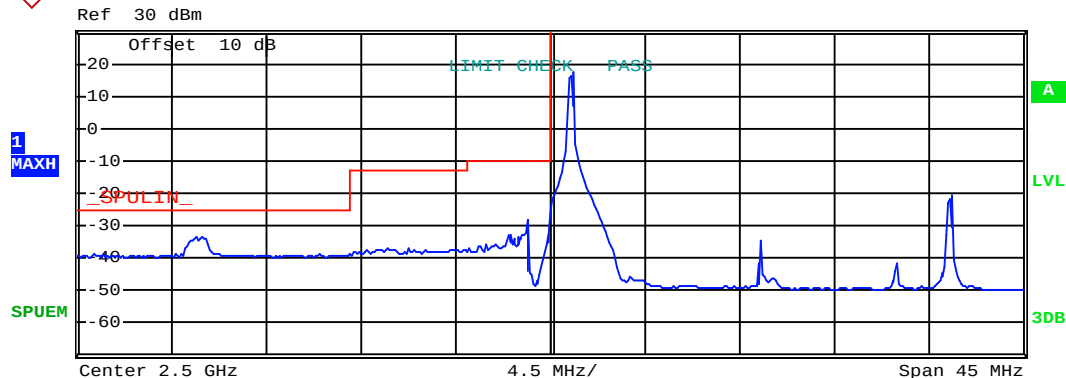
Lowest channel



Highest channel

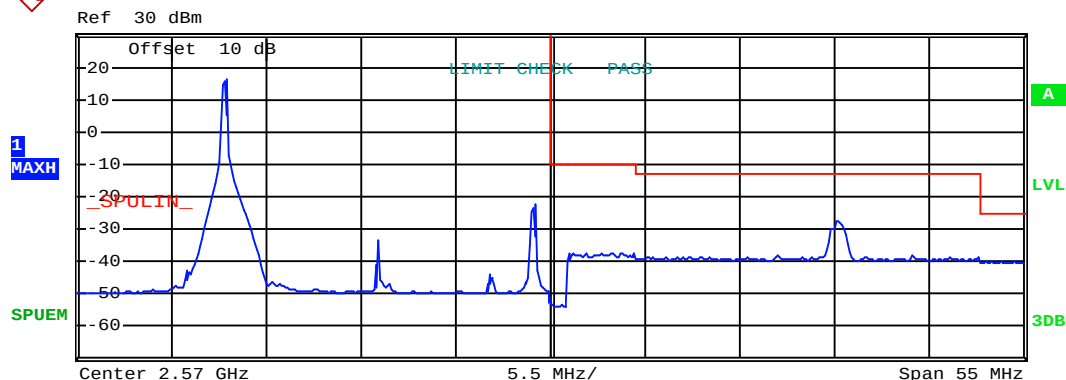
20MHz:

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)
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Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.490 G	1.00 M	2.483476 G	-33.69	-8.69
2.490 G	2.496 G	1.00 M	2.492230 G	-37.06	-24.06
2.496 G	2.499 G	1.00 M	2.499000 G	-28.33	-18.33
2.499 G	2.500 G	30.00 k	2.499976 G	-32.72	-22.72
2.500 G	2.523 G	100.00 k	2.501089 G	17.25	-15.75

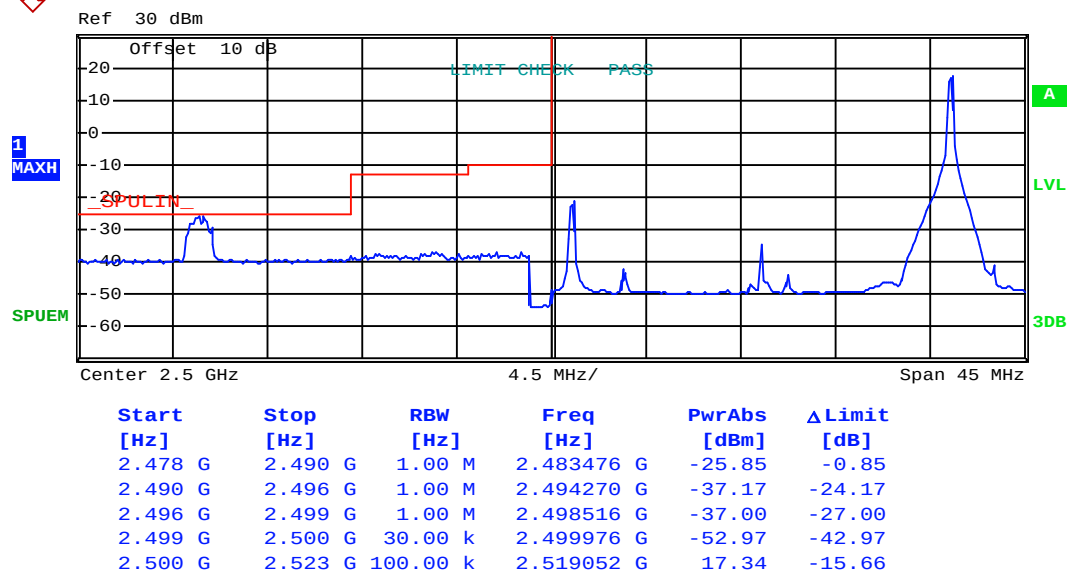
Lowest channel



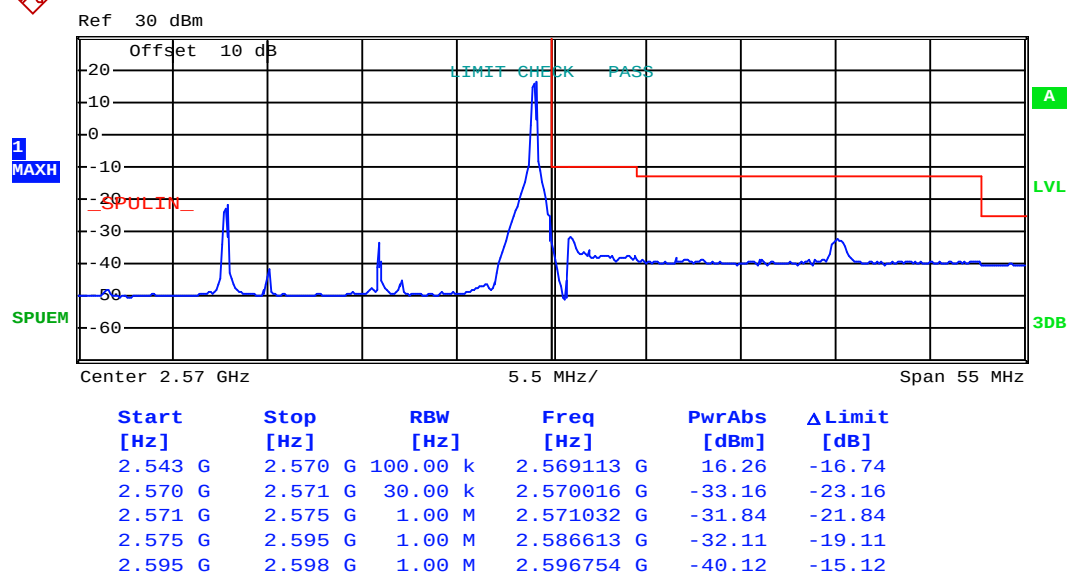
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.543 G	2.570 G	100.00 k	2.551149 G	16.42	-16.58
2.570 G	2.571 G	30.00 k	2.570016 G	-53.20	-43.20
2.571 G	2.575 G	1.00 M	2.573516 G	-37.32	-27.32
2.575 G	2.595 G	1.00 M	2.586774 G	-27.72	-14.72
2.595 G	2.598 G	1.00 M	2.596895 G	-40.10	-15.10

Highest channel

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 99)
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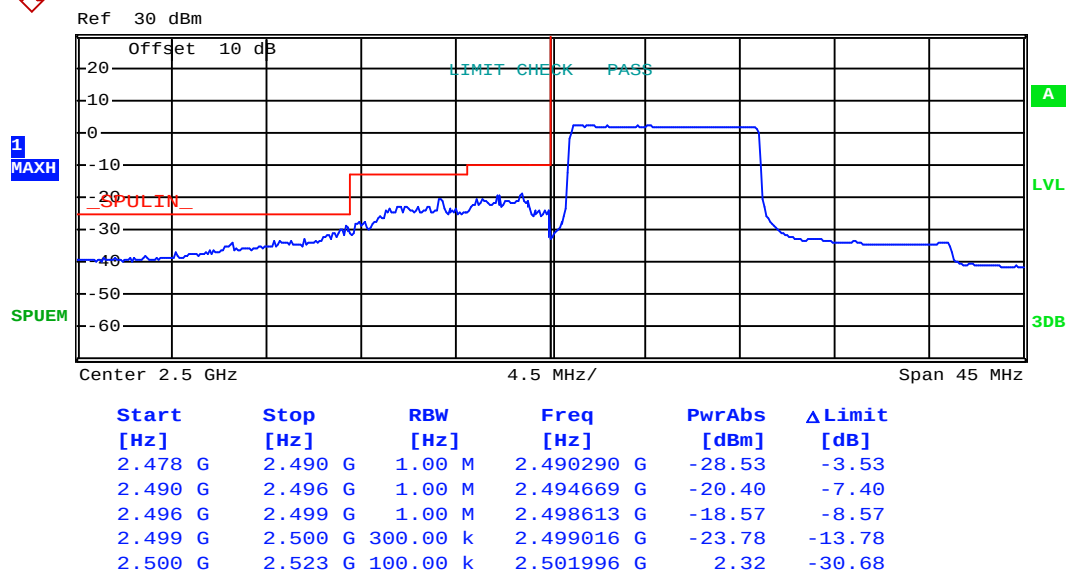
Lowest channel



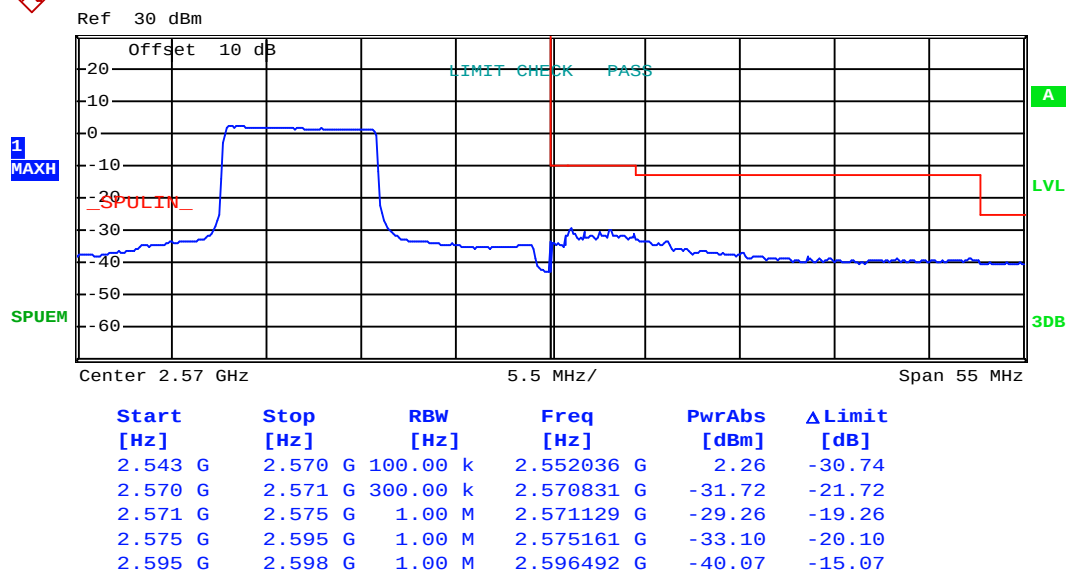
Highest channel

Test Mode:

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

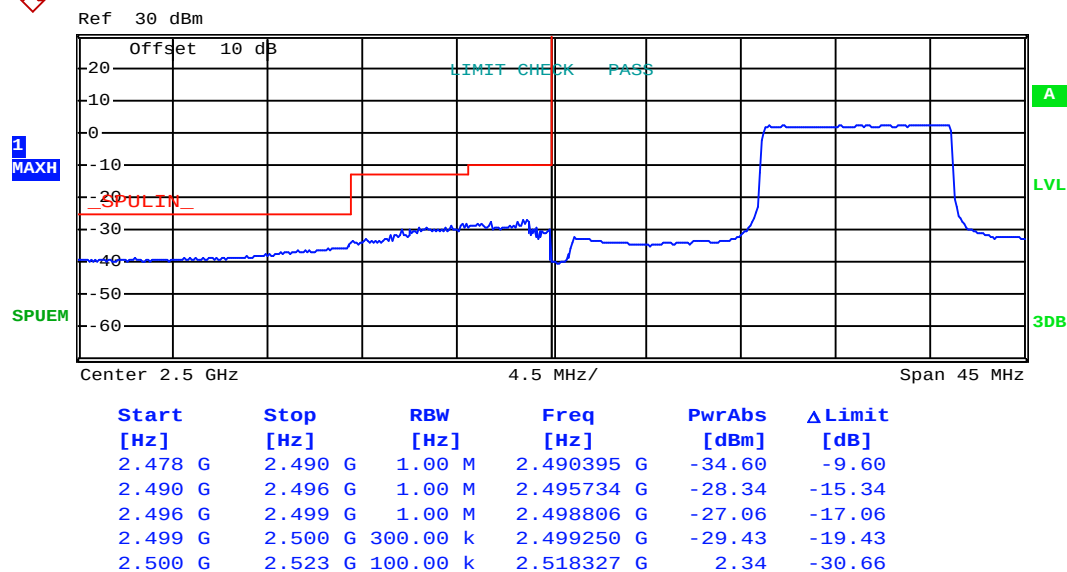


Lowest channel

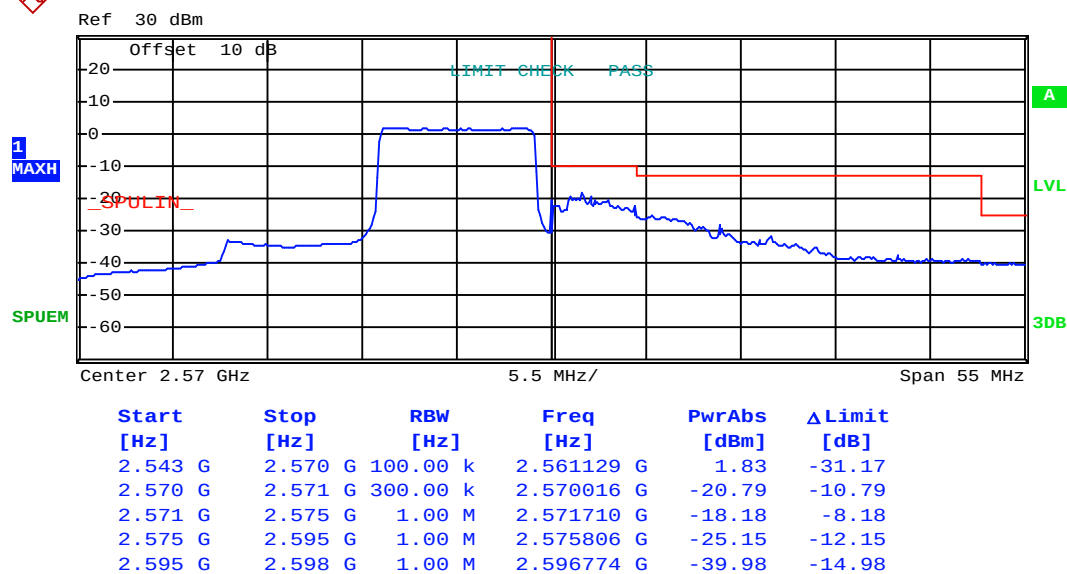


Highest channel

Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 49)
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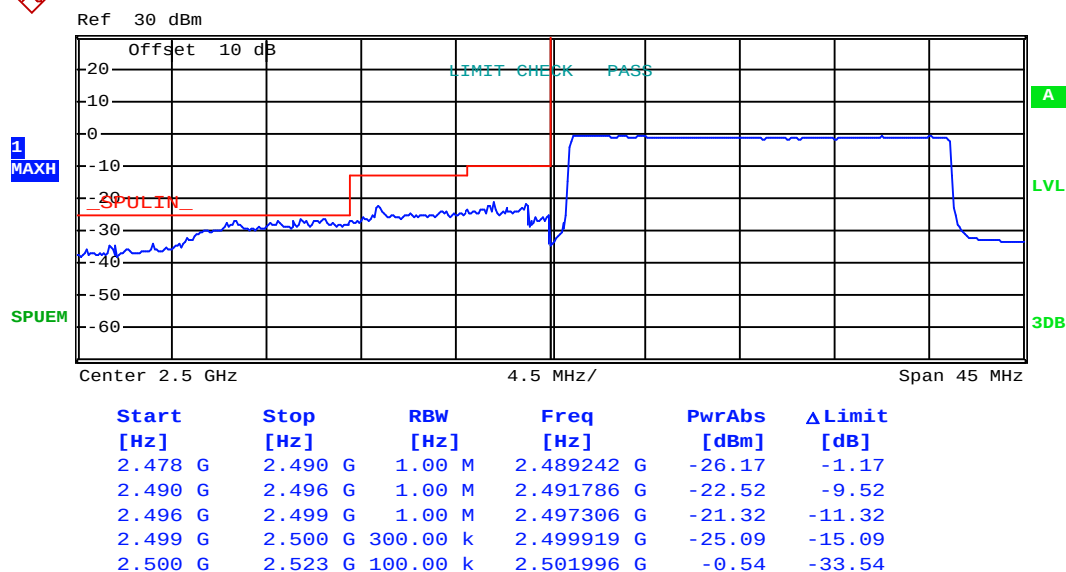
Lowest channel



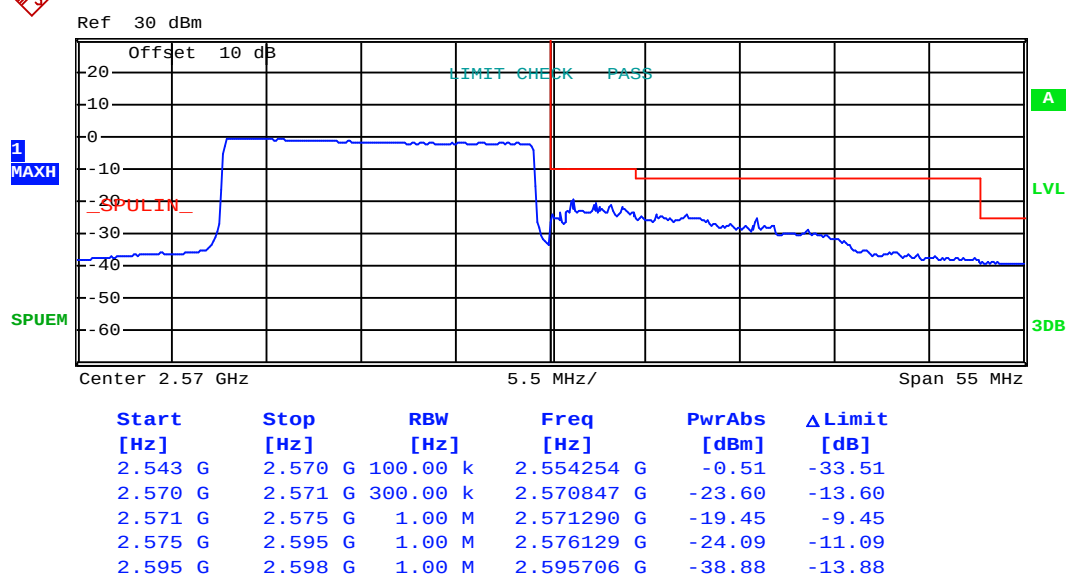
Highest channel

Test Mode:

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

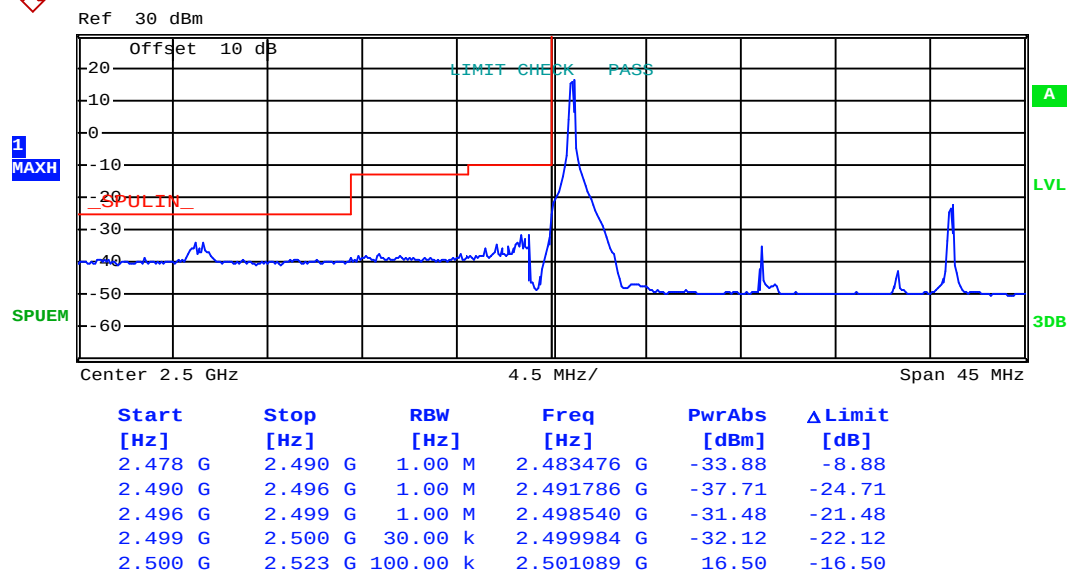


Lowest channel

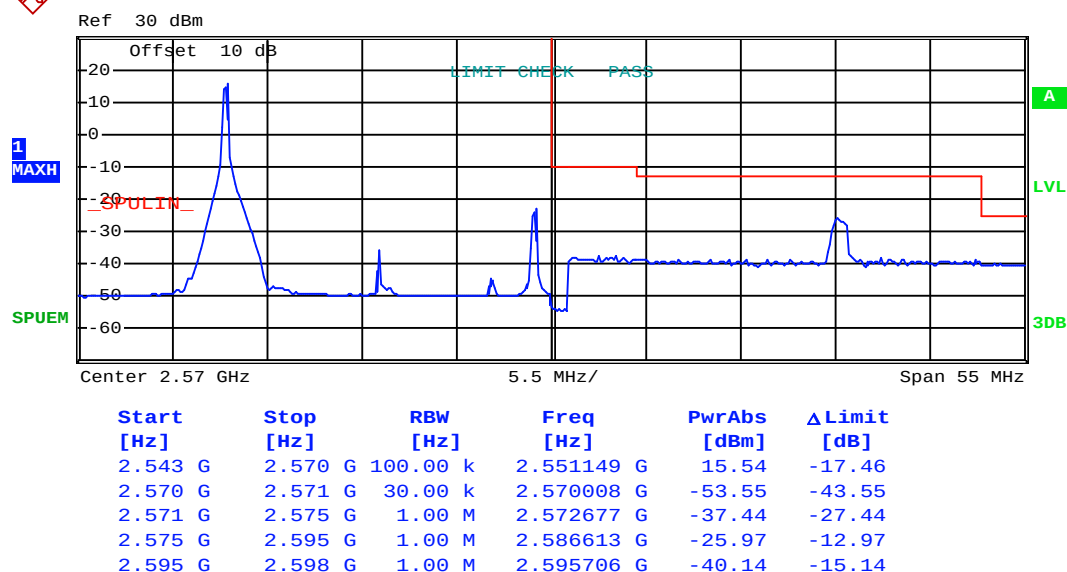


Highest channel

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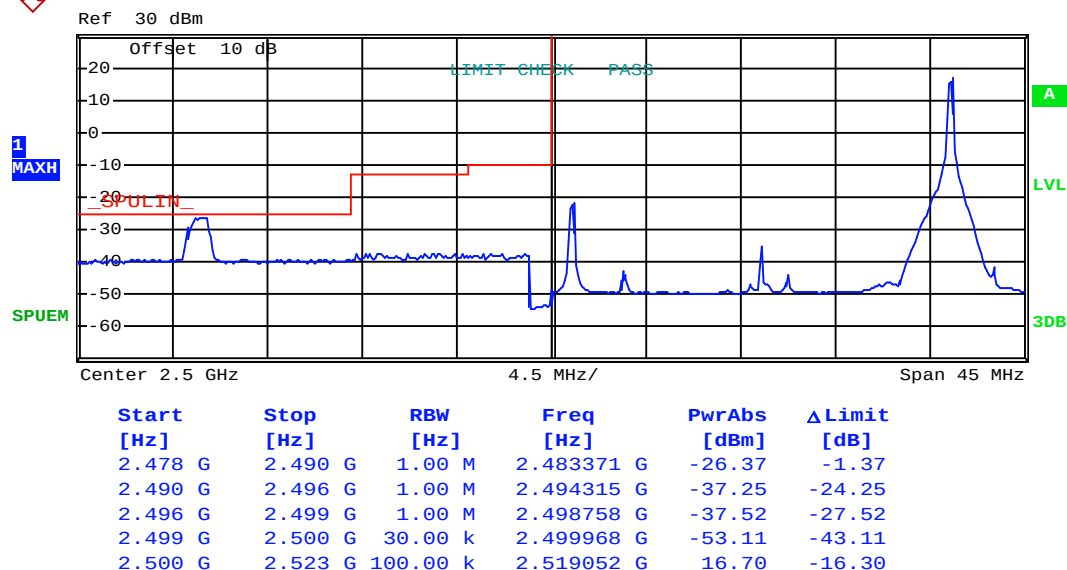


Lowest channel

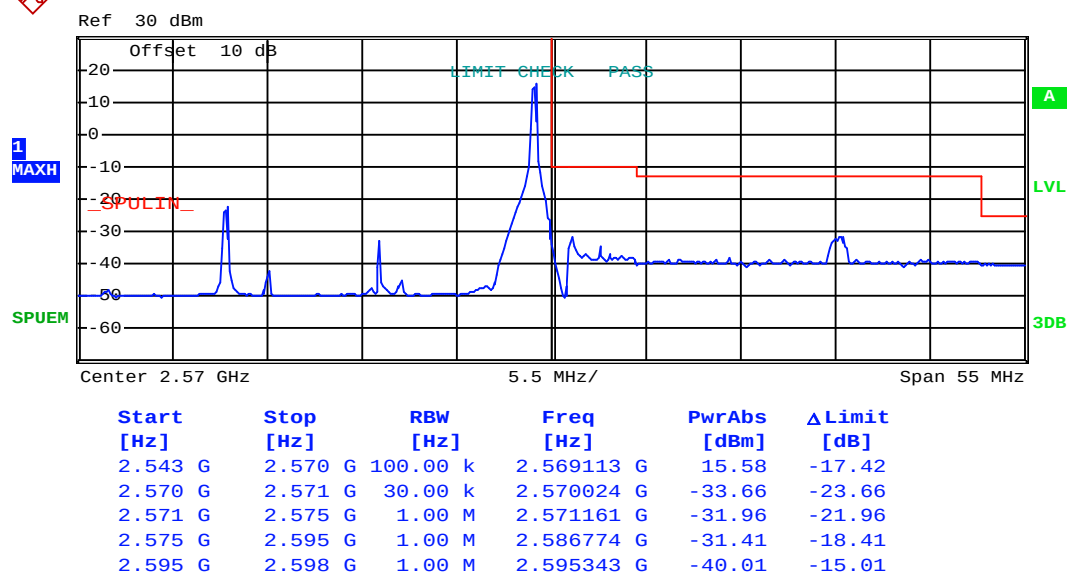


Highest channel

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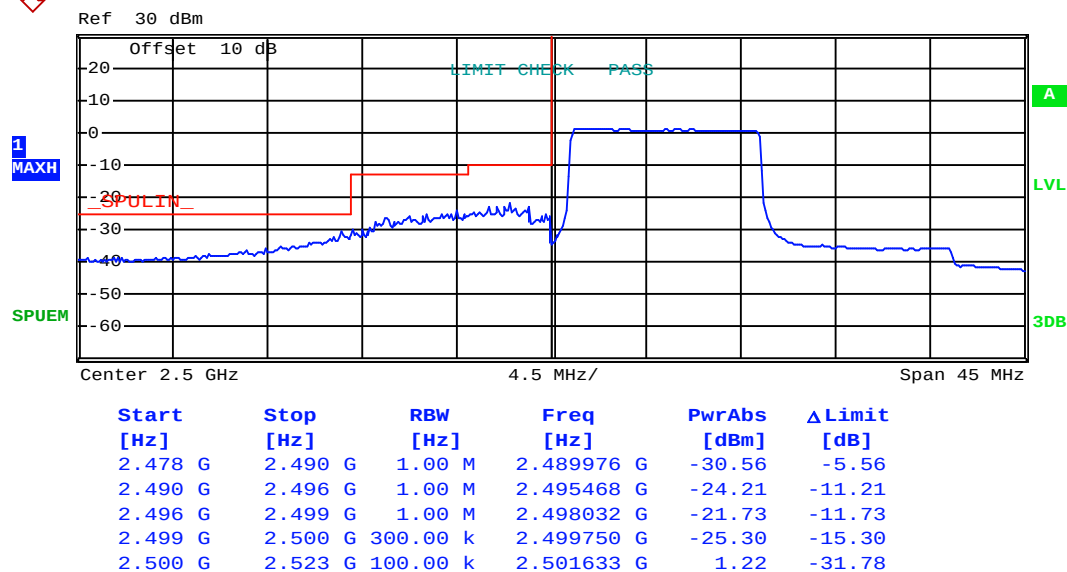


Lowest channel

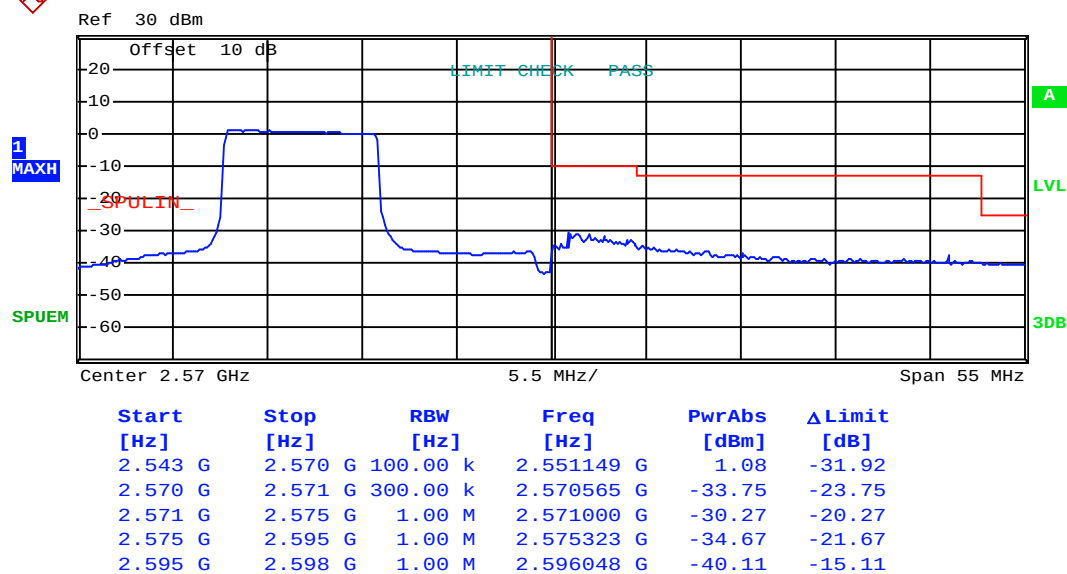


Highest channel

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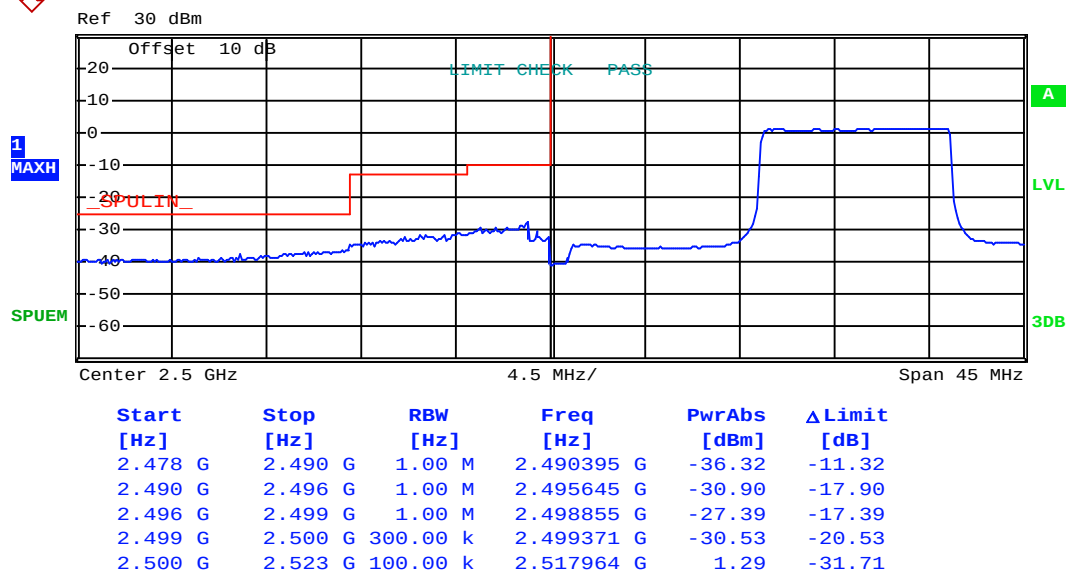
Lowest channel



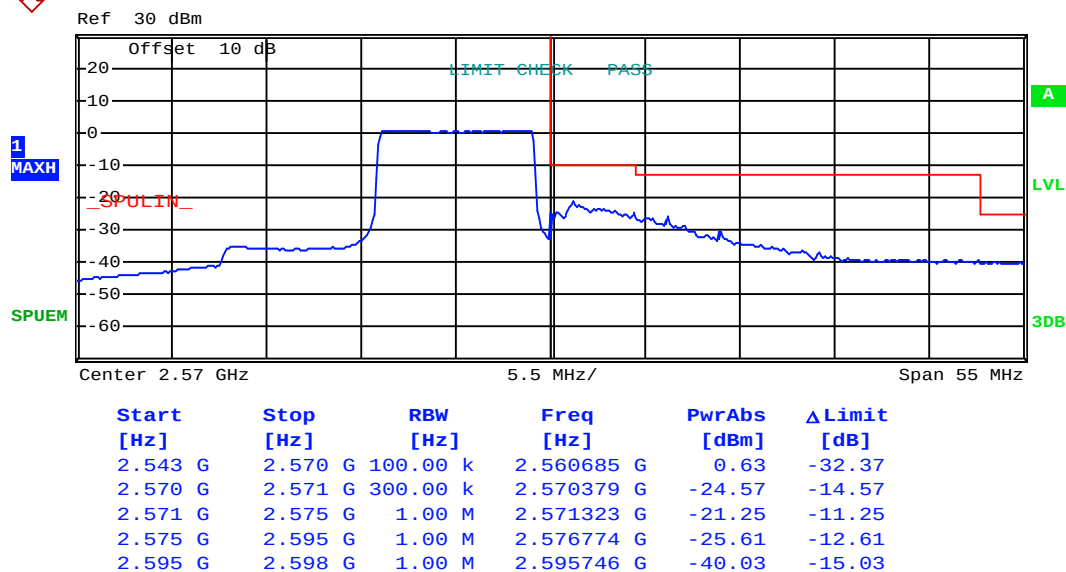
Highest channel

Test Mode:

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



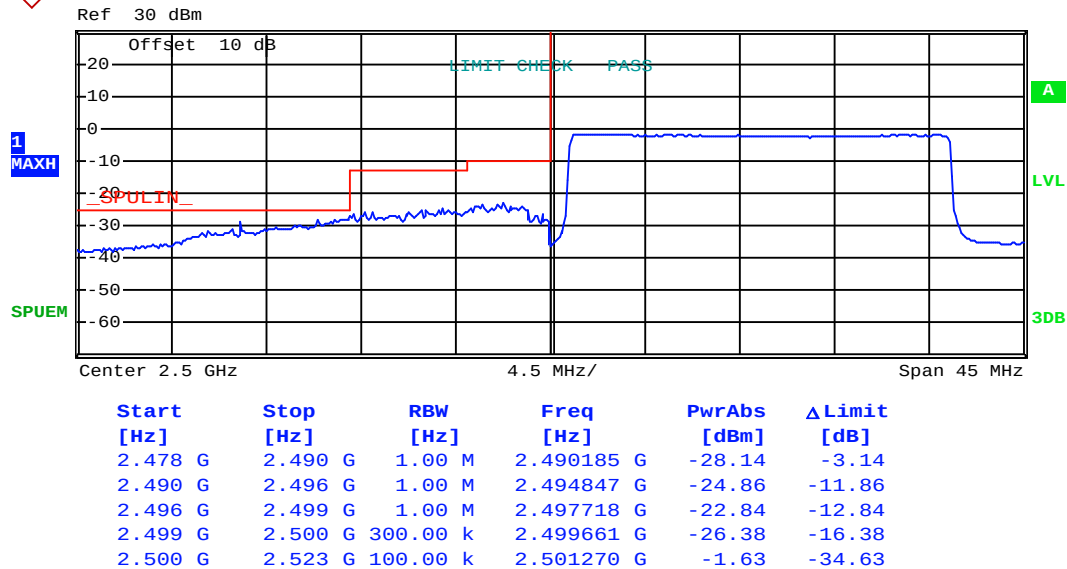
Lowest channel



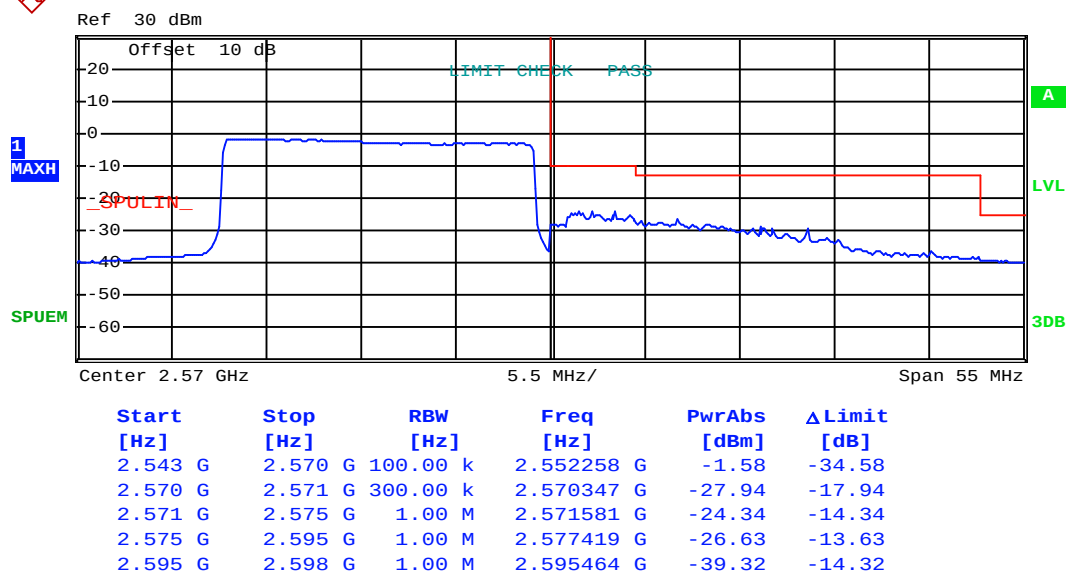
Highest channel

Test Mode:

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



Lowest channel

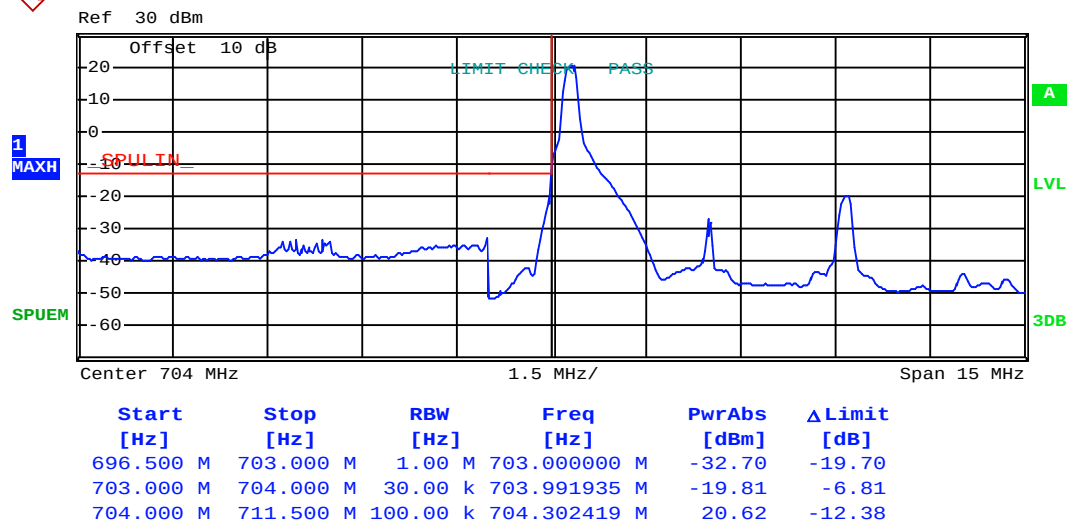


Highest channel

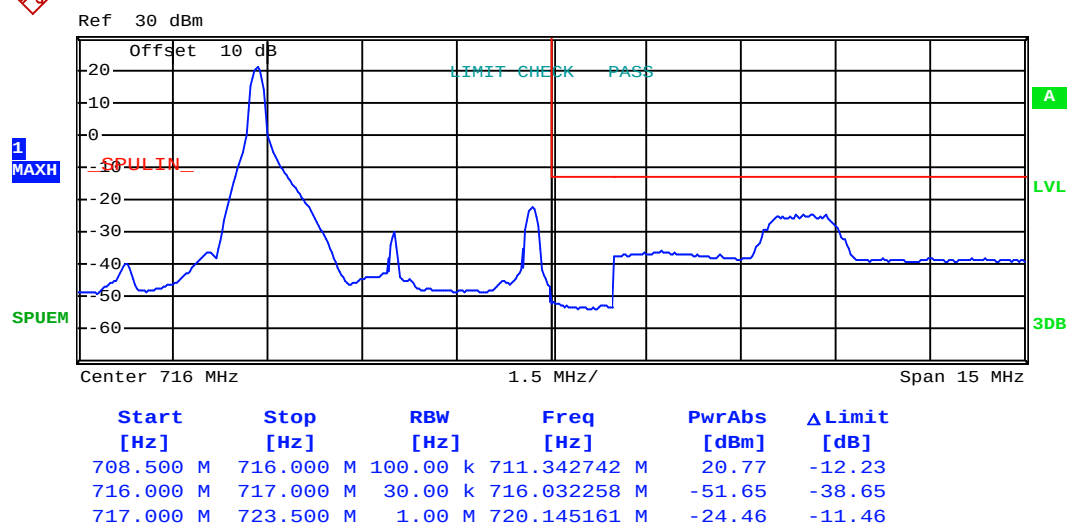
LTE band 17 part:

5MHz:

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 0)
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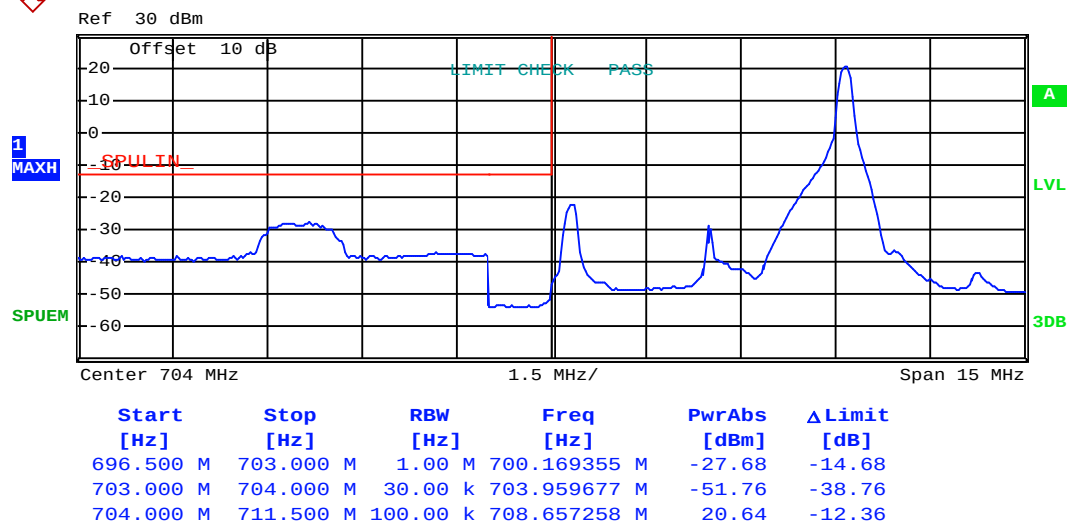


Lowest channel

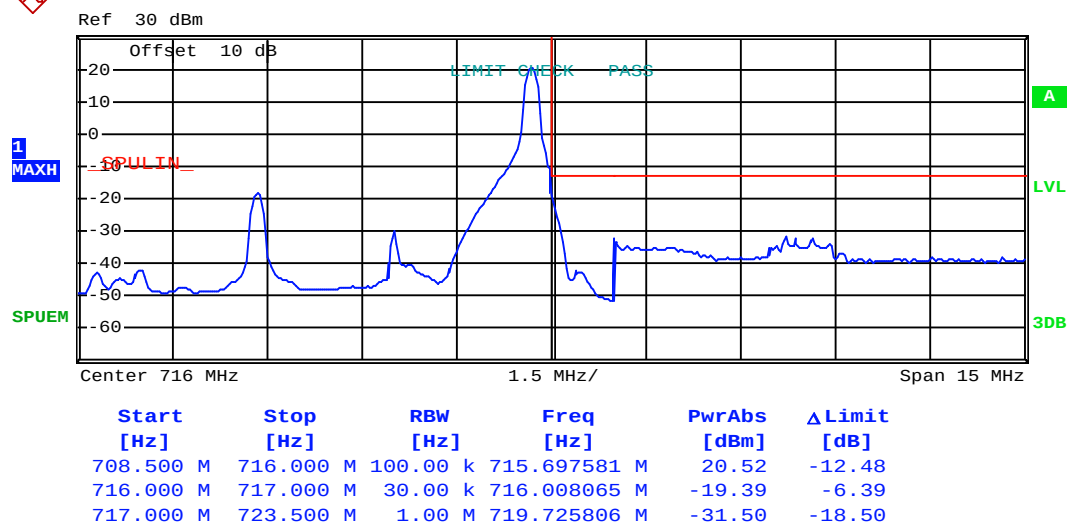


Highest channel

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 24)
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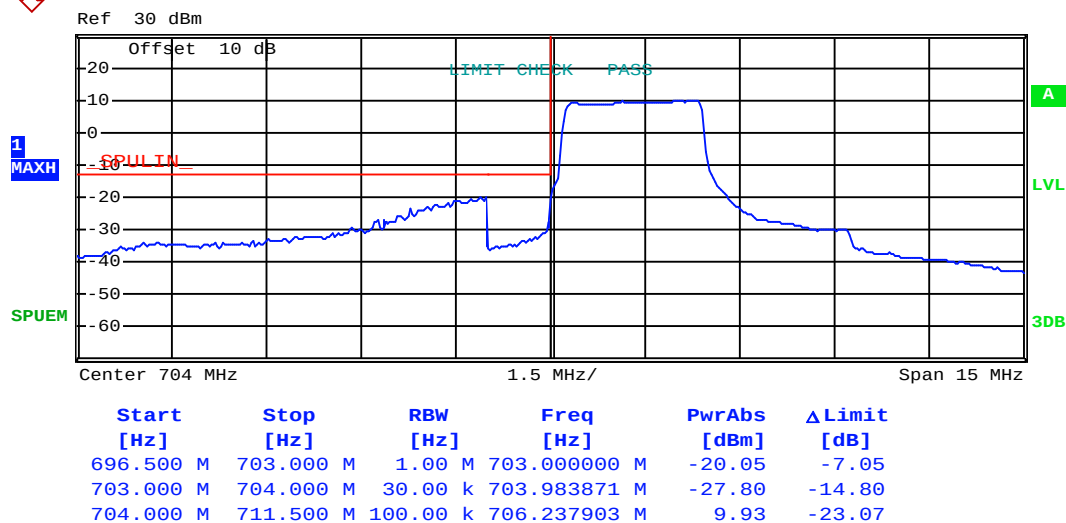
Lowest channel



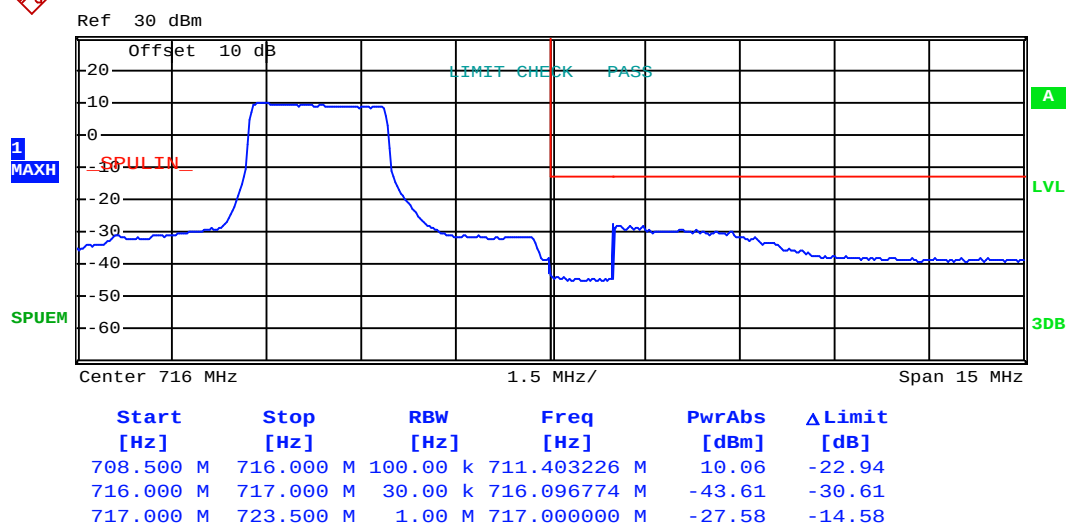
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 12 & RB Offset 0)



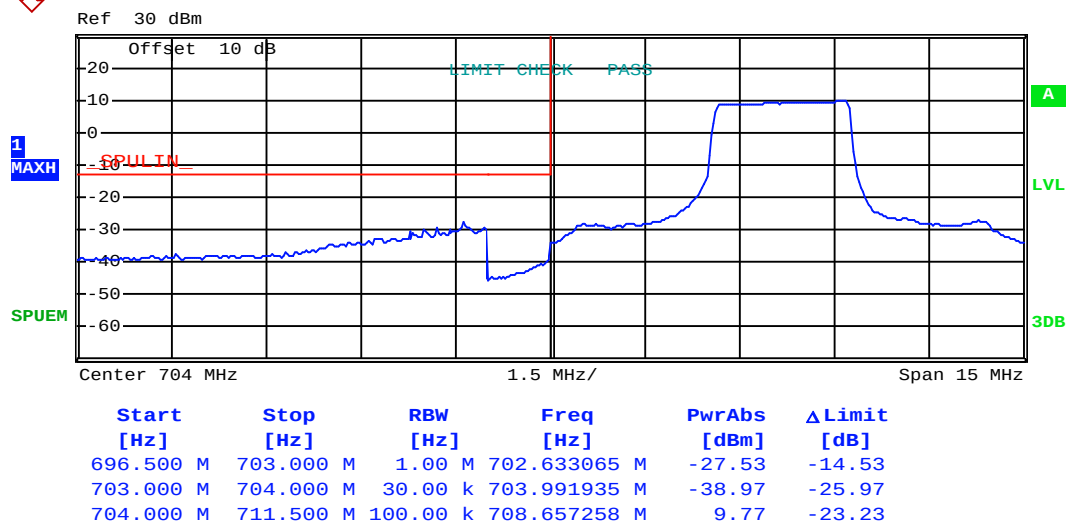
Lowest channel



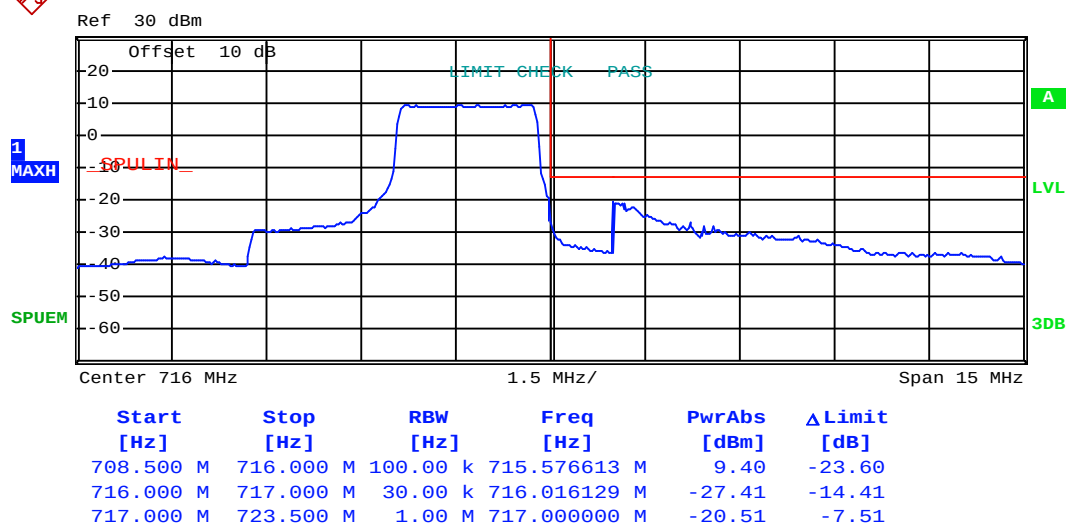
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 12 & RB Offset 11)



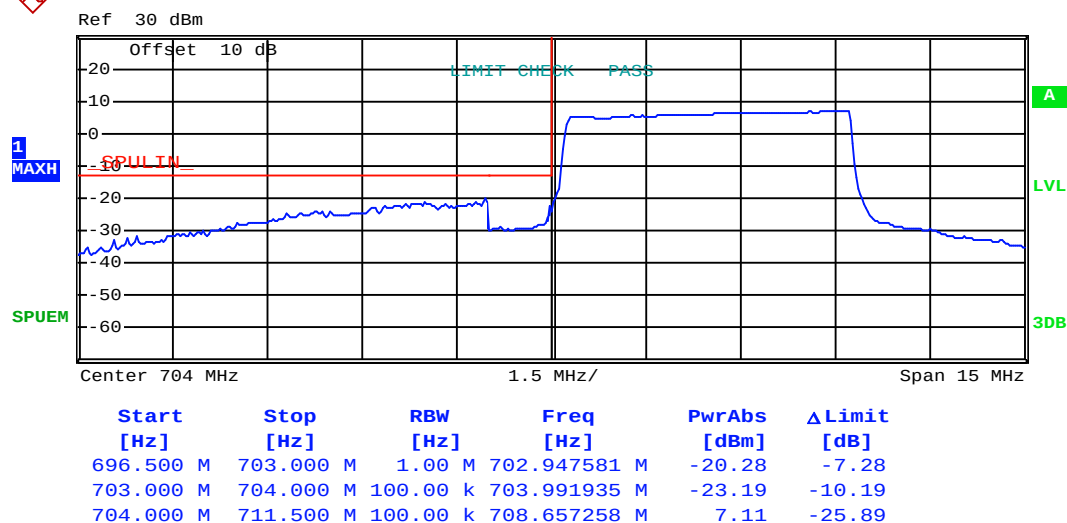
Lowest channel



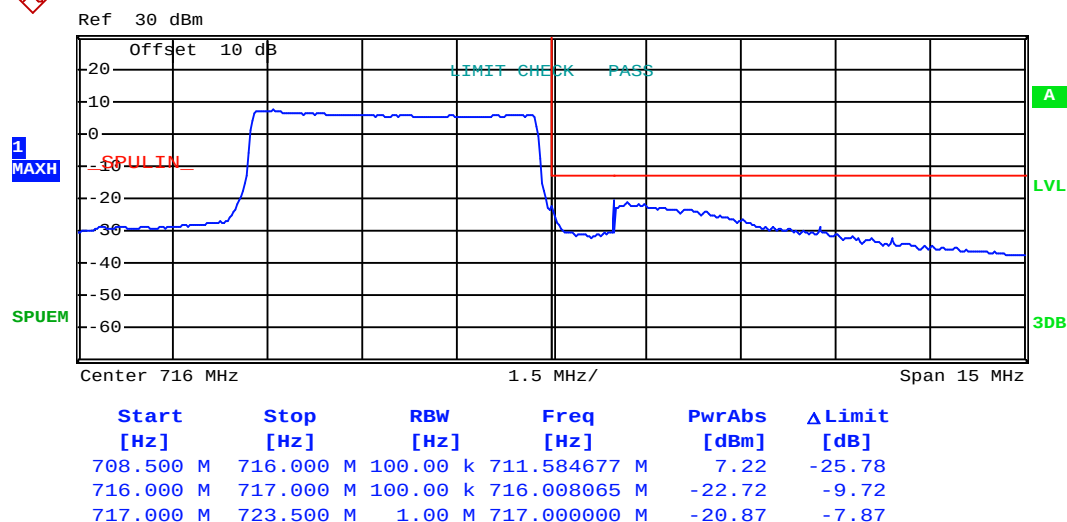
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 25 & RB Offset 0)



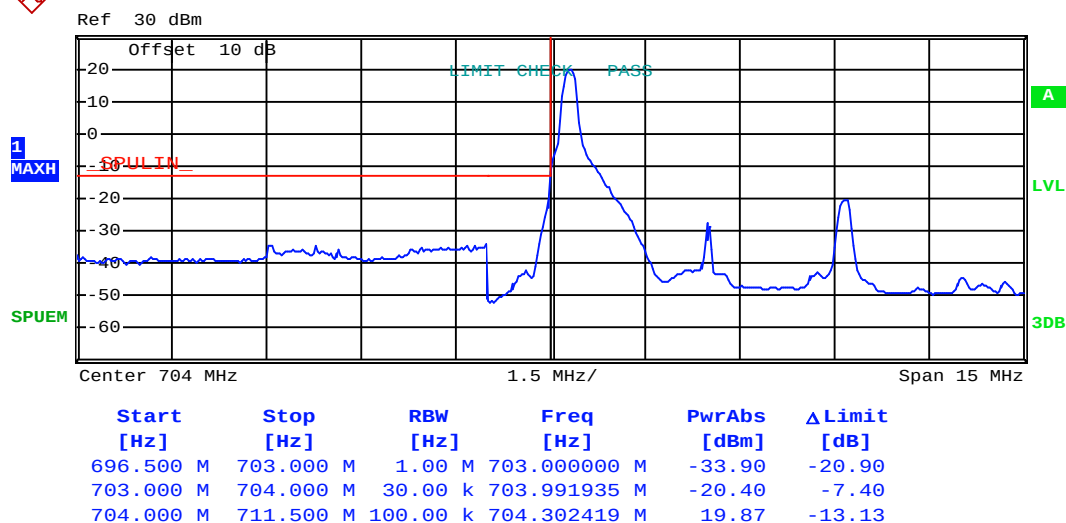
Lowest channel



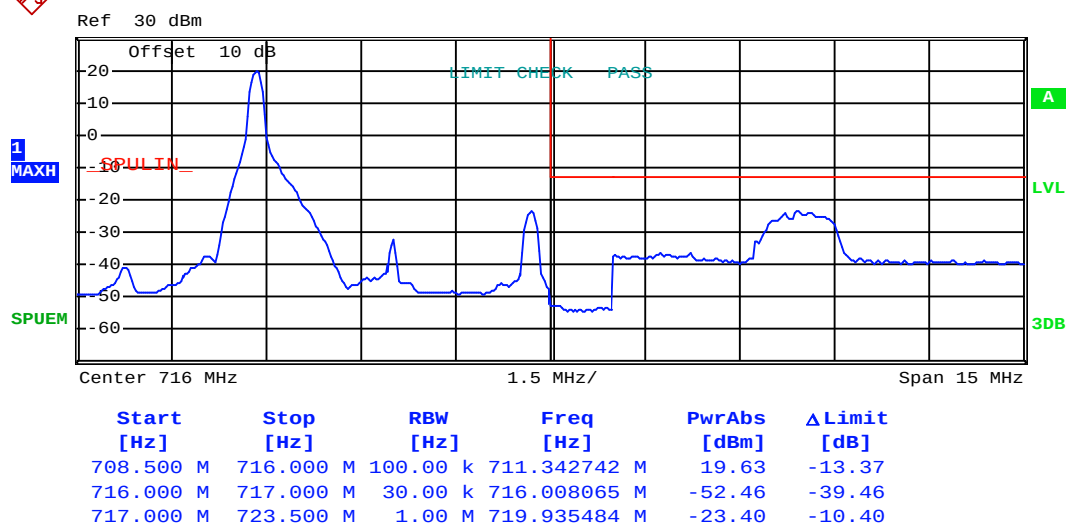
Highest channel

Test Mode:

LTE band 17(16QAM RB Size 1 & RB Offset 0)

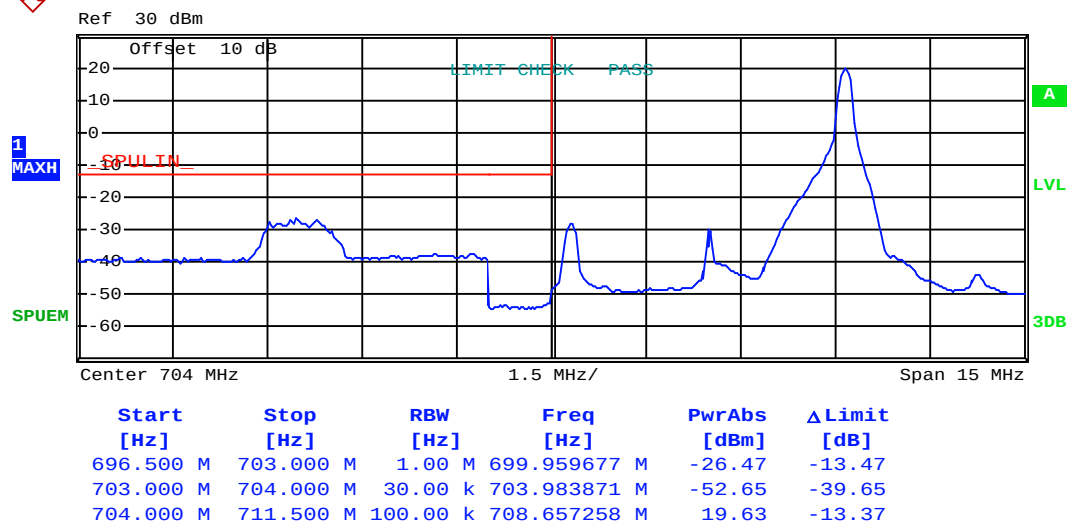


Lowest channel

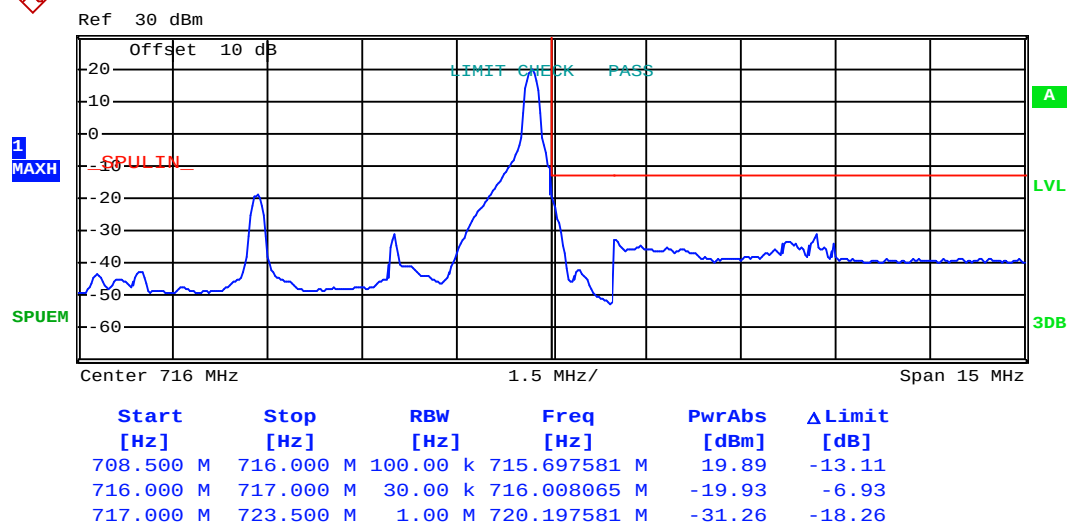


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 24)
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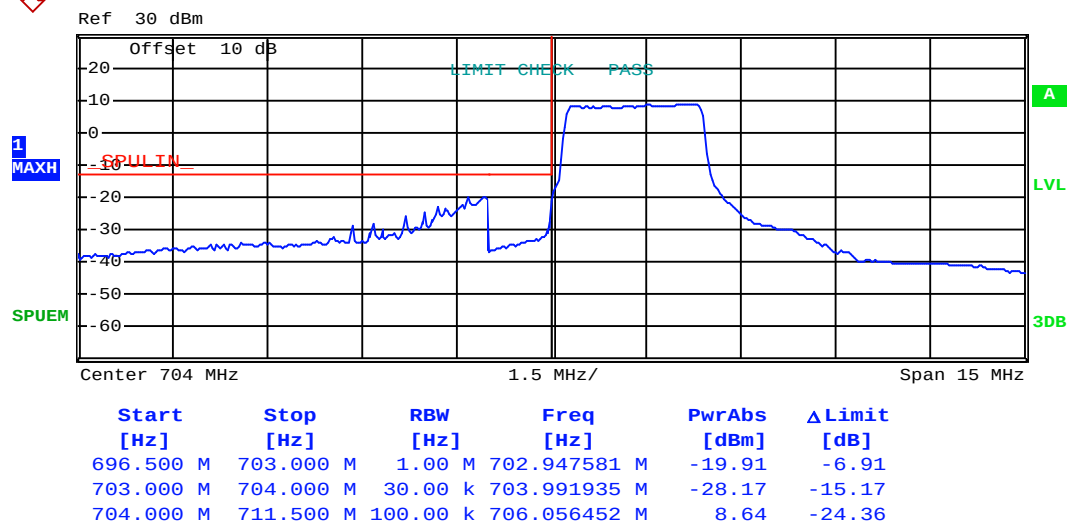


Lowest channel

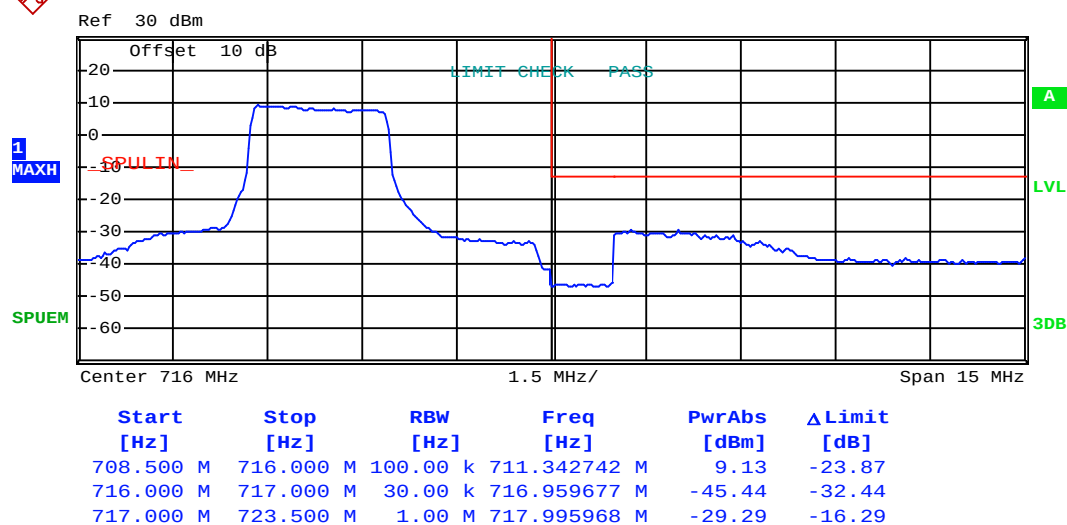


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 12 & RB Offset 0)
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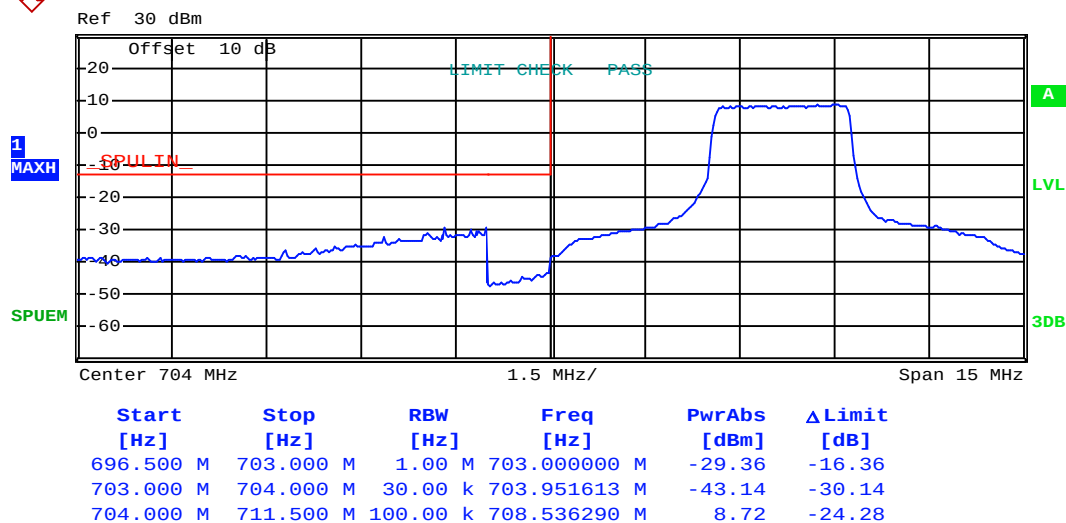


Lowest channel

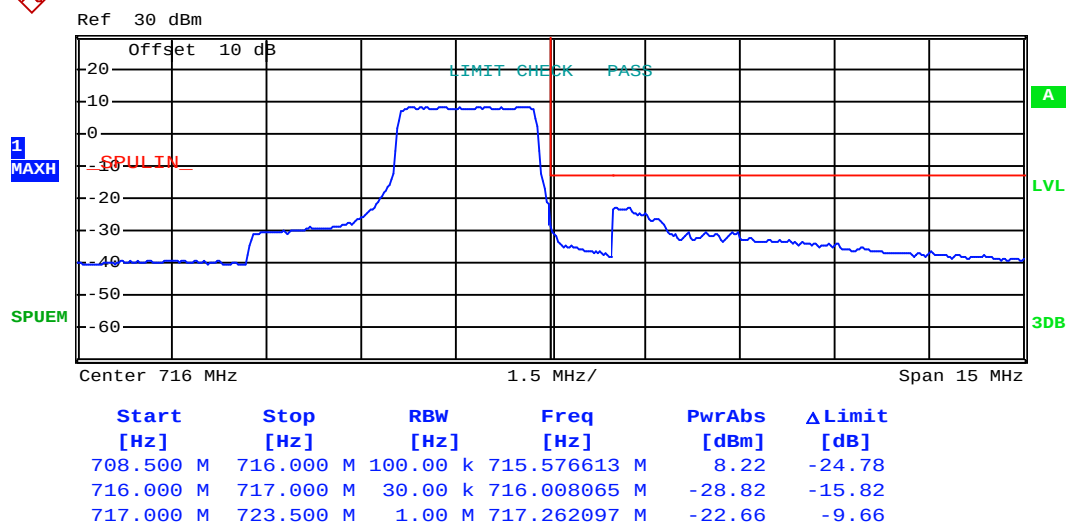


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 12 & RB Offset 11)
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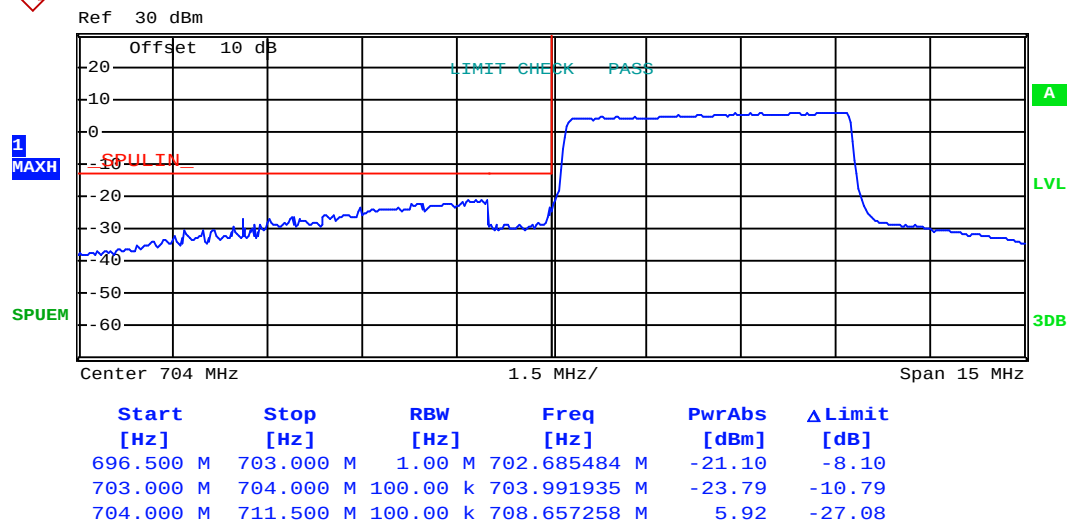


Lowest channel

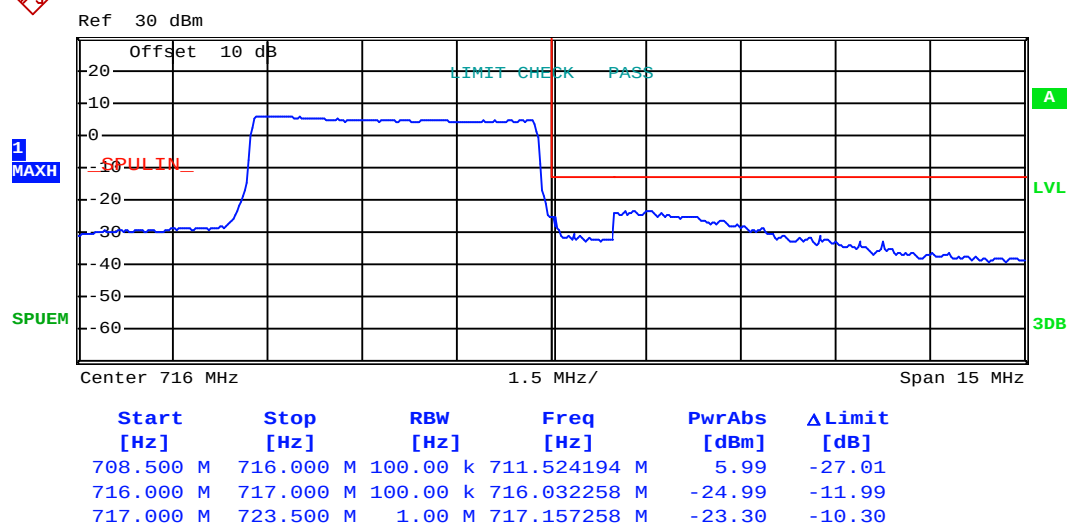


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 0)
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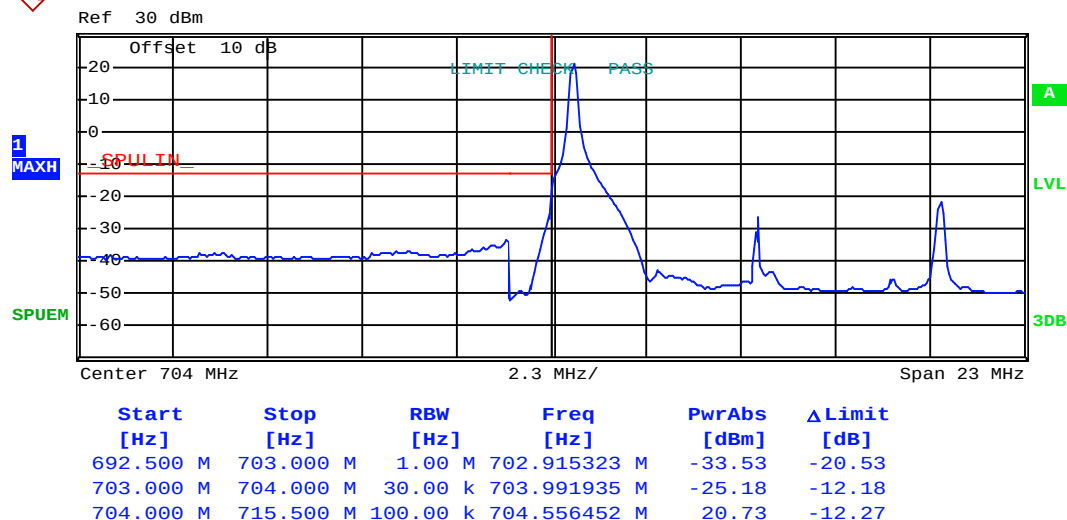
Lowest channel



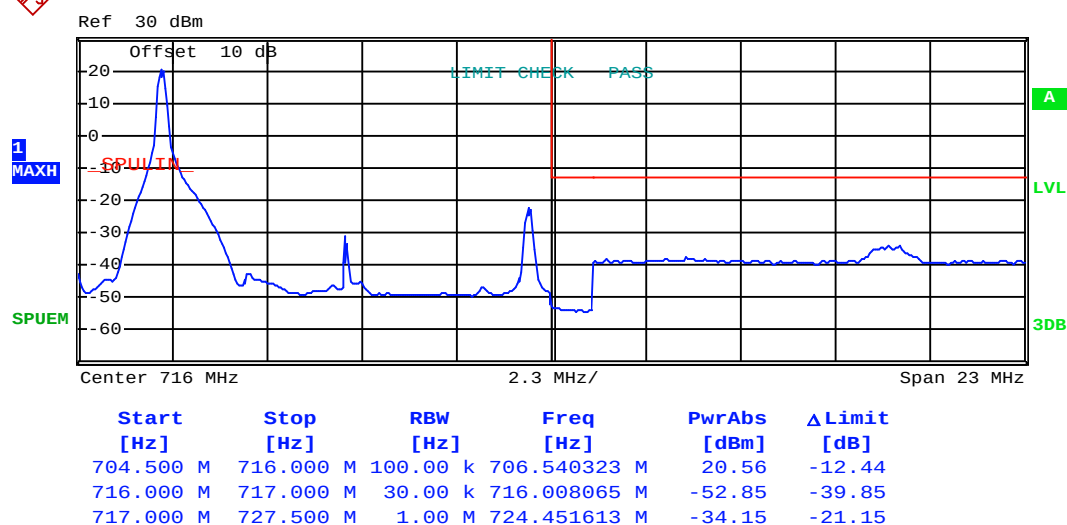
Highest channel

10MHz:

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 0)
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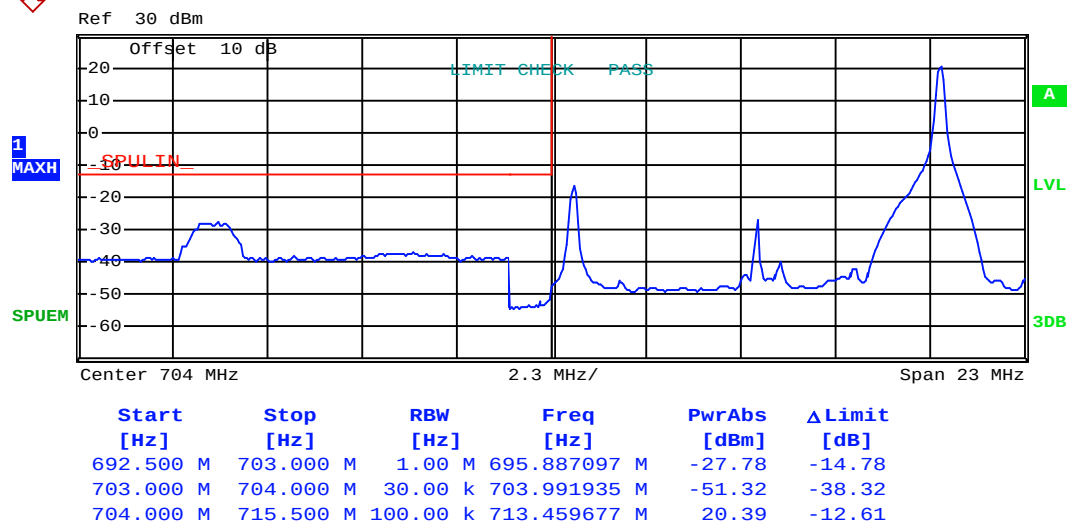


Lowest channel

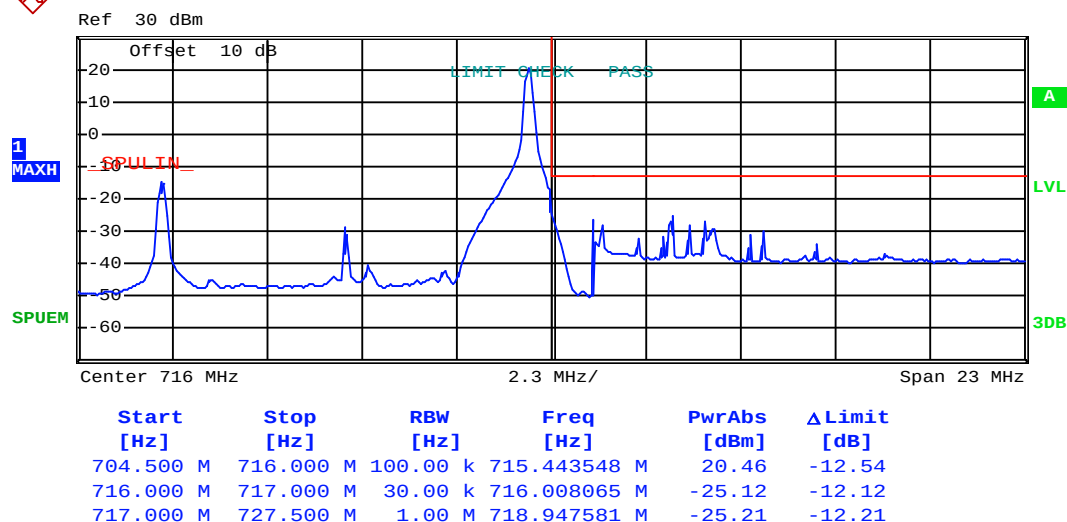


Highest channel

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 49)
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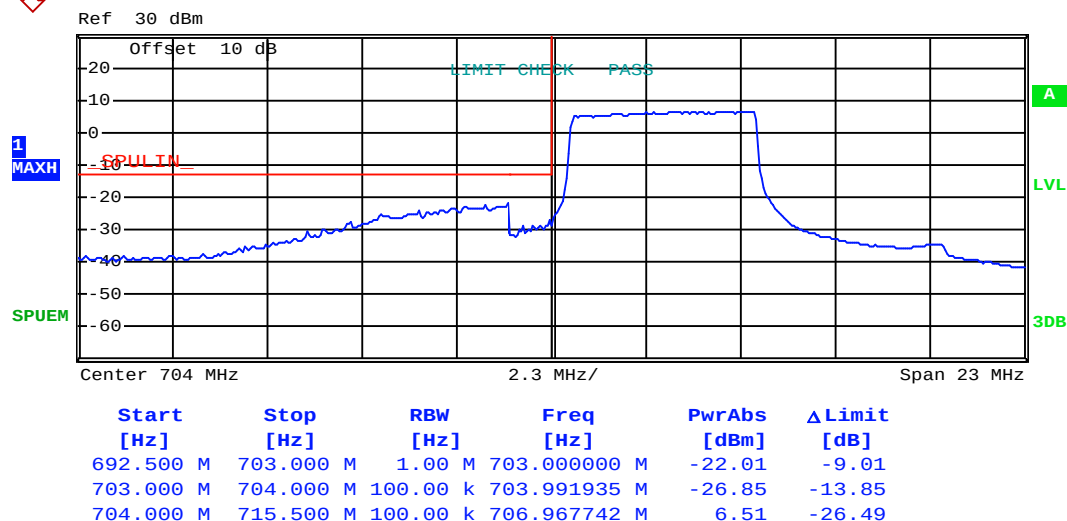


Lowest channel

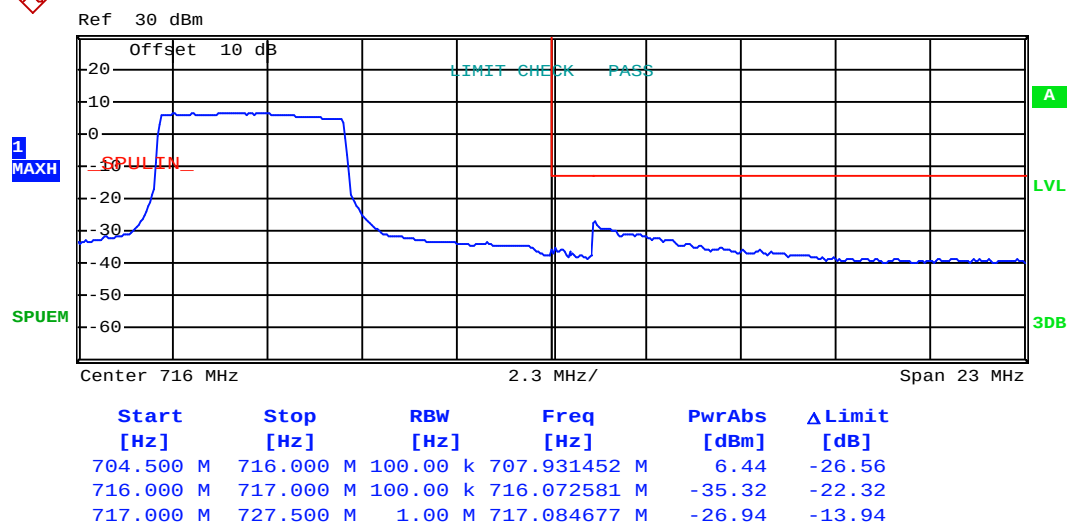


Highest channel

Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 0)
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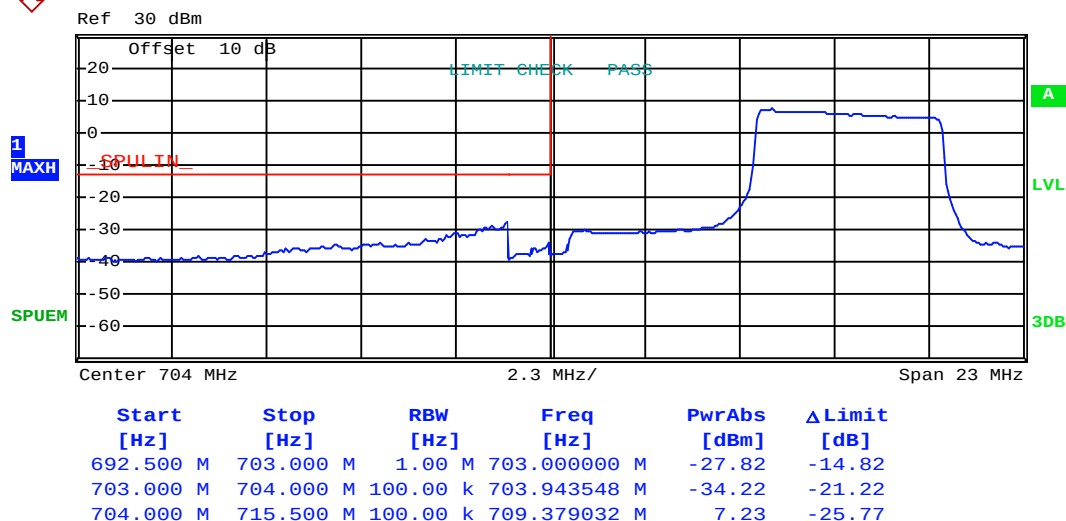


Lowest channel

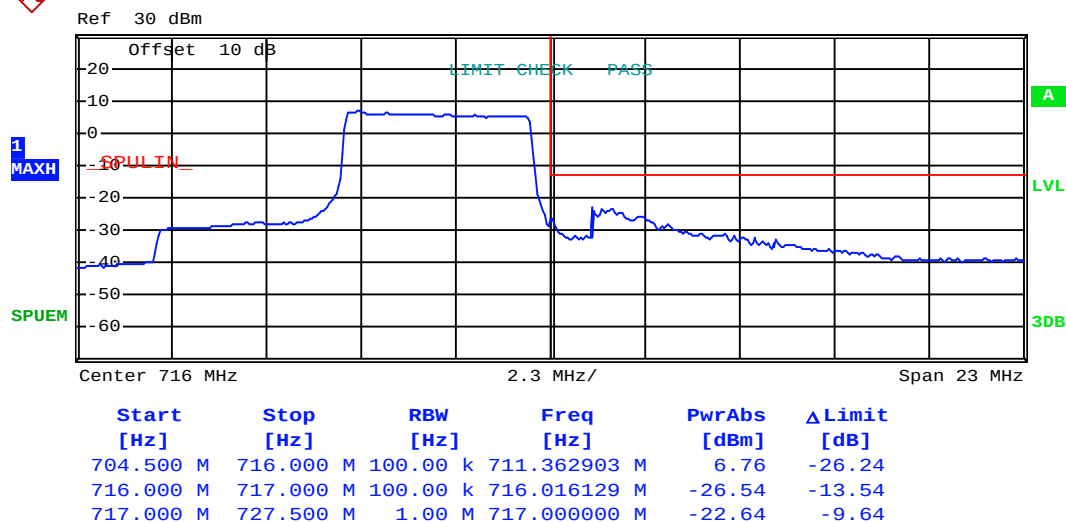


Highest channel

Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 24)
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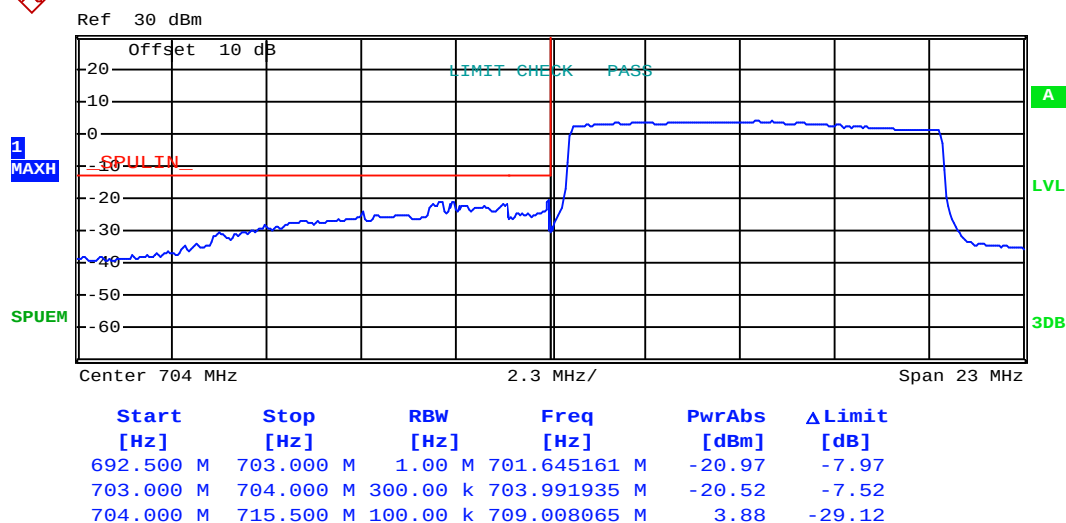
Lowest channel



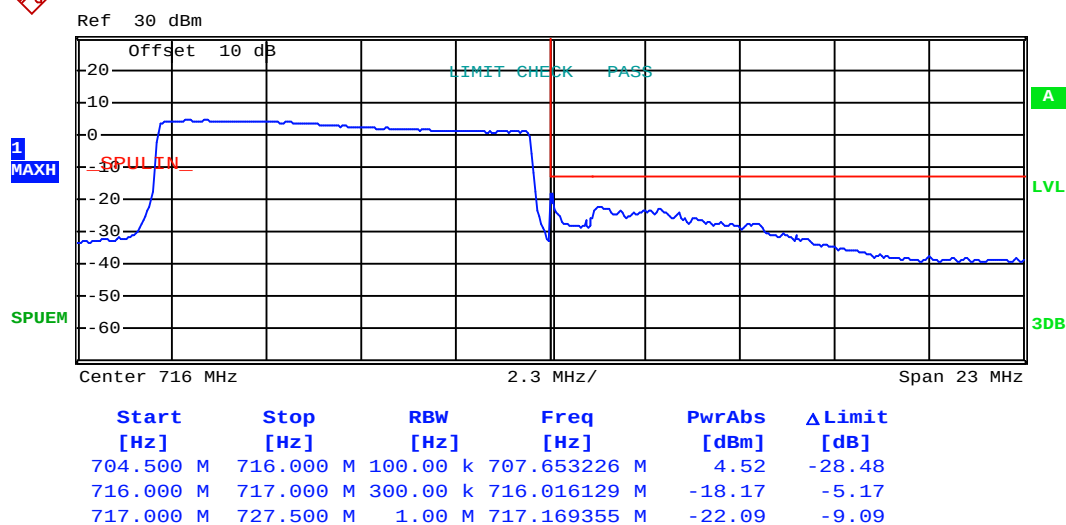
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 50 & RB Offset 0)



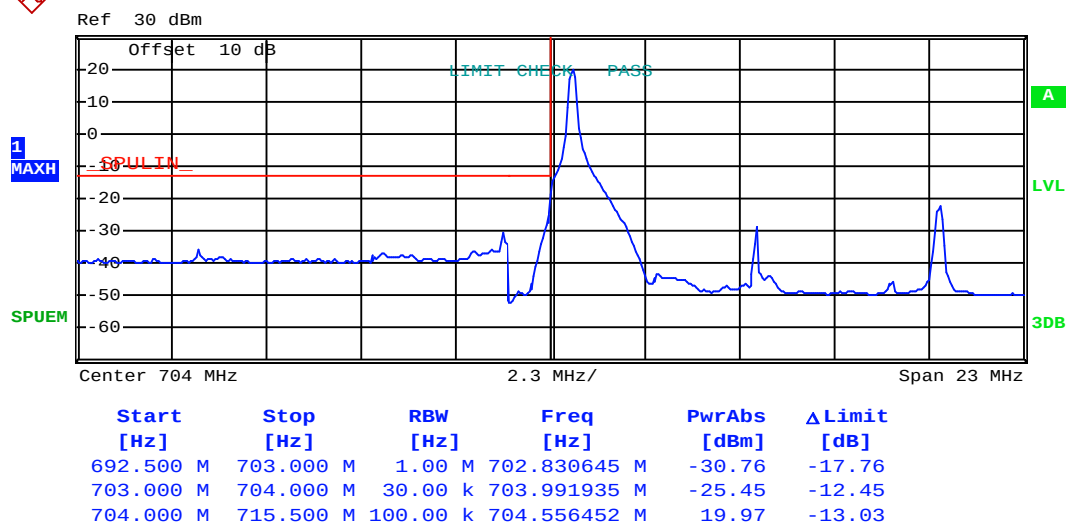
Lowest channel



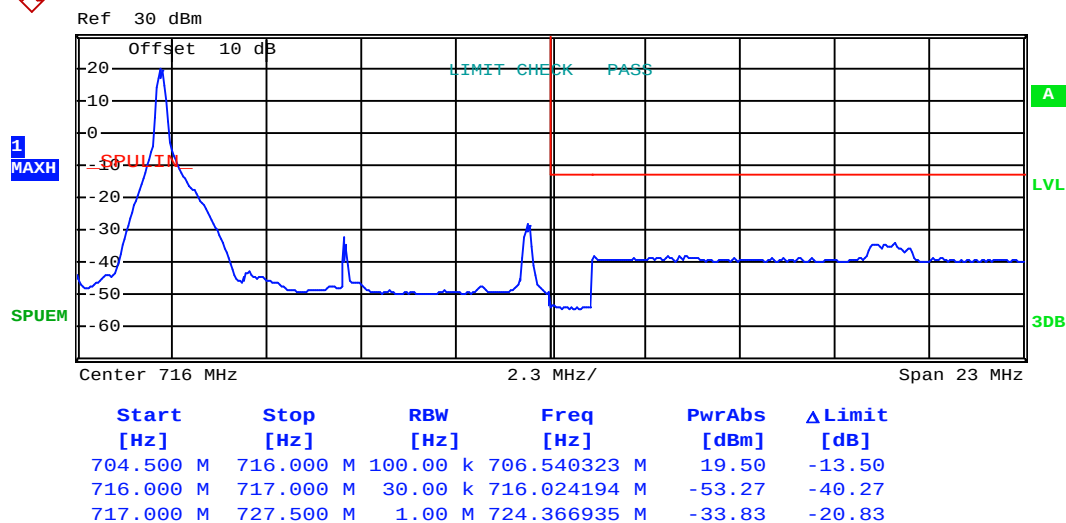
Highest channel

Test Mode:

LTE band 17(16QAM RB Size 1 & RB Offset 0)



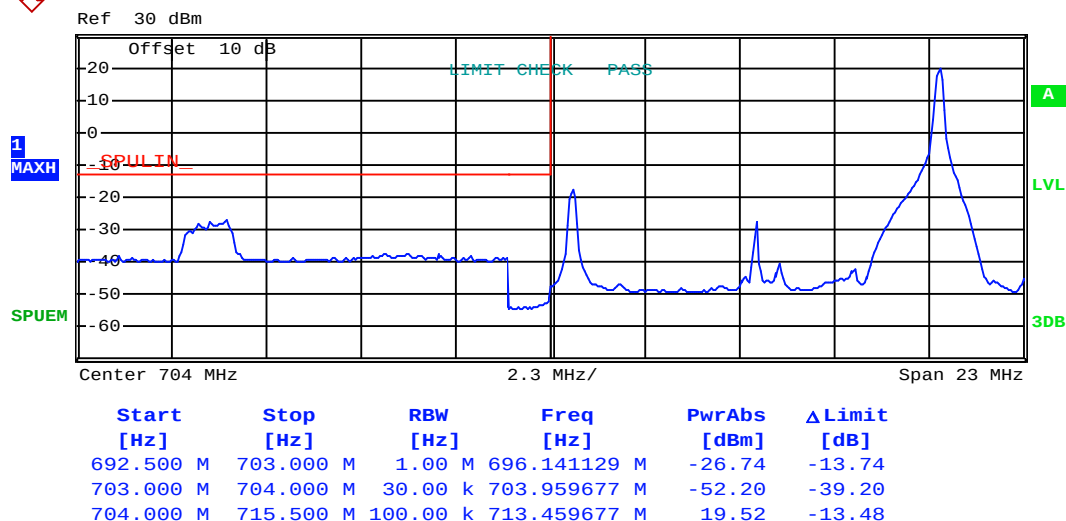
Lowest channel



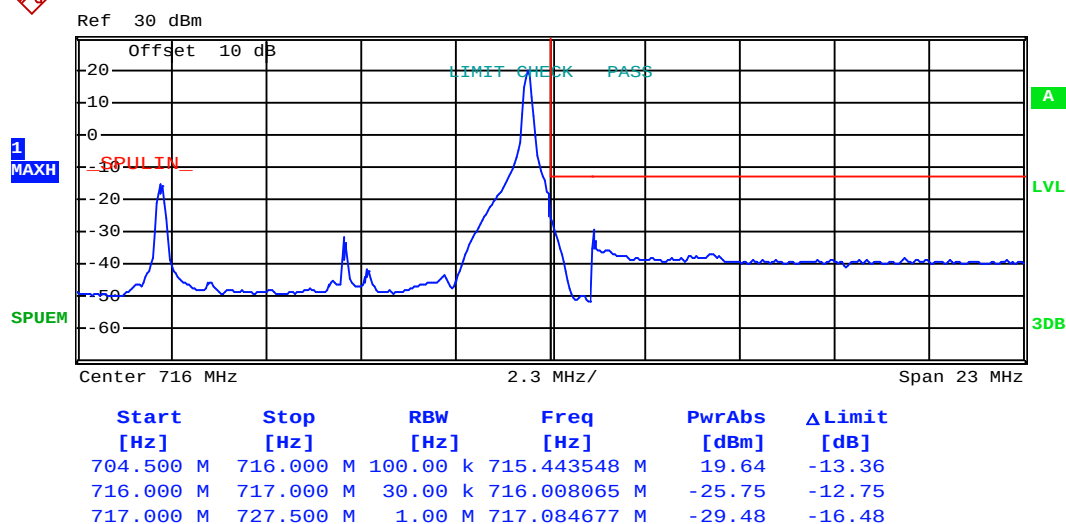
Highest channel

Test Mode:

LTE band 17(16QAM RB Size 1 & RB Offset 49)

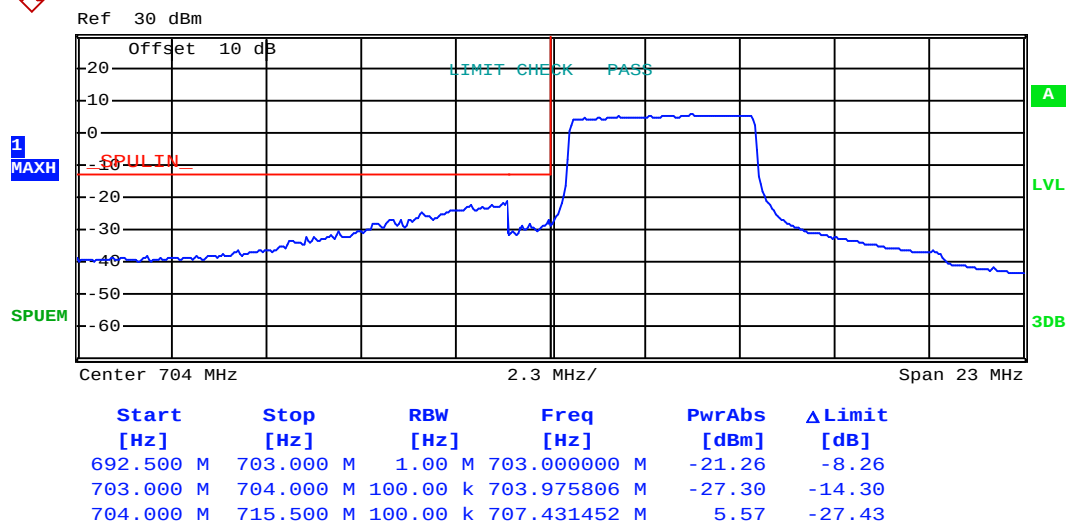


Lowest channel

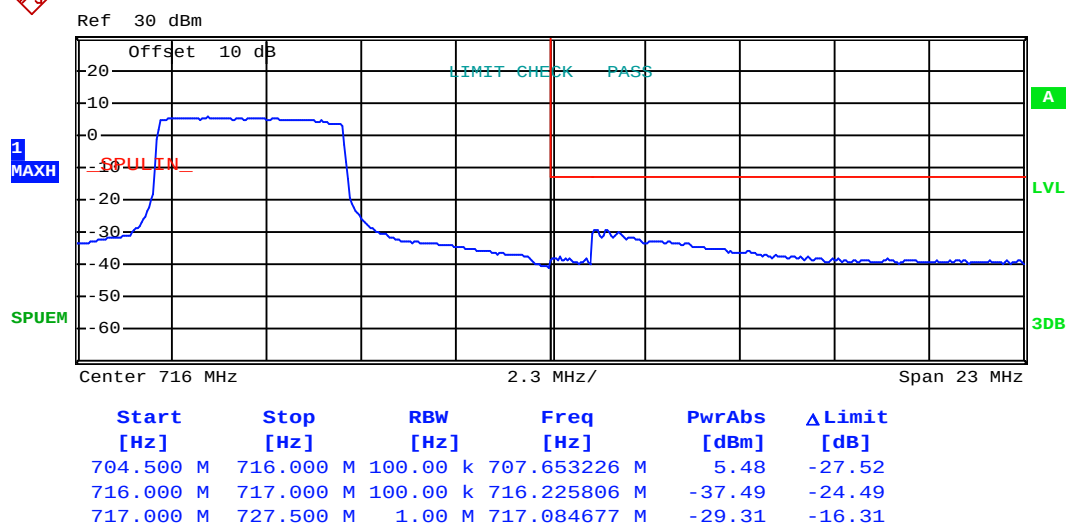


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 0)
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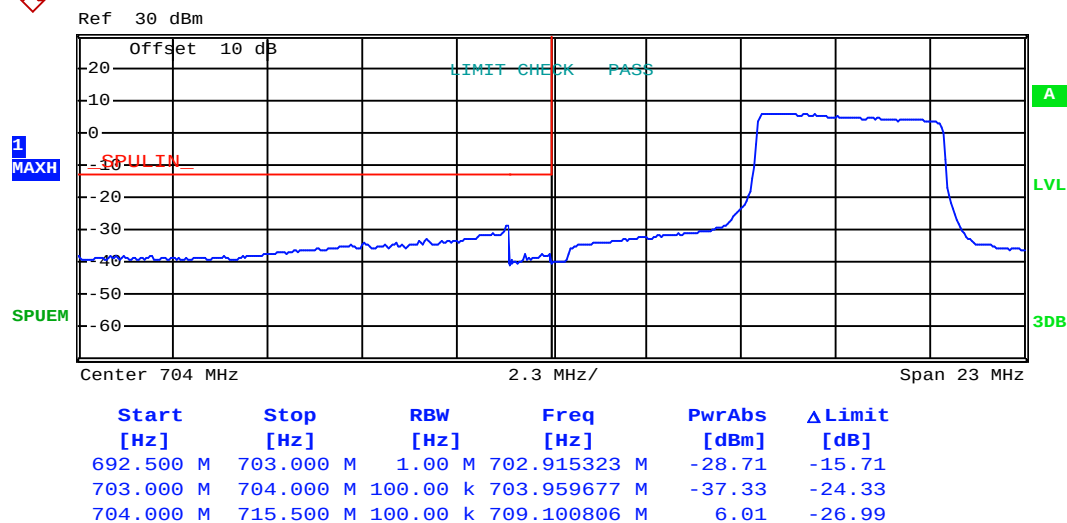


Lowest channel

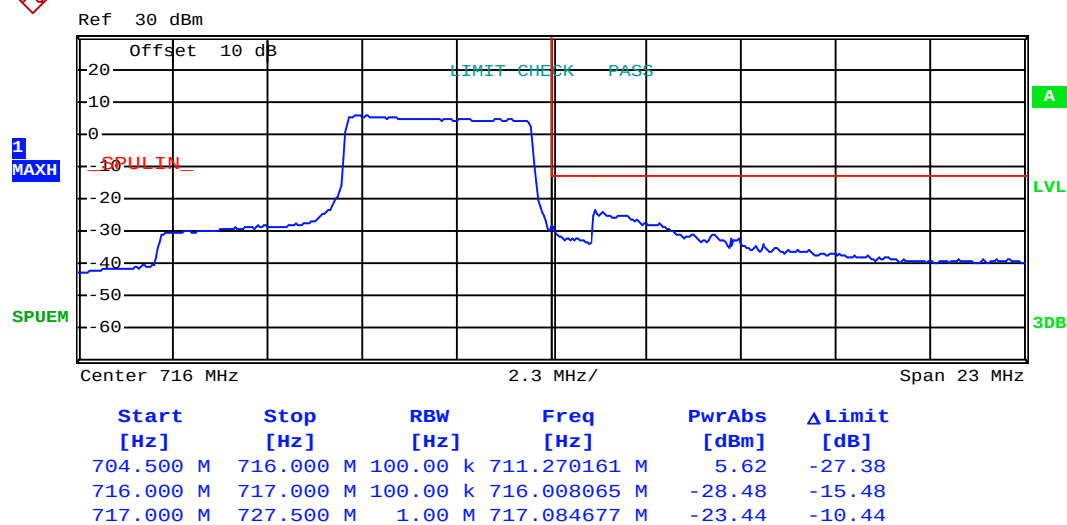


Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 24)
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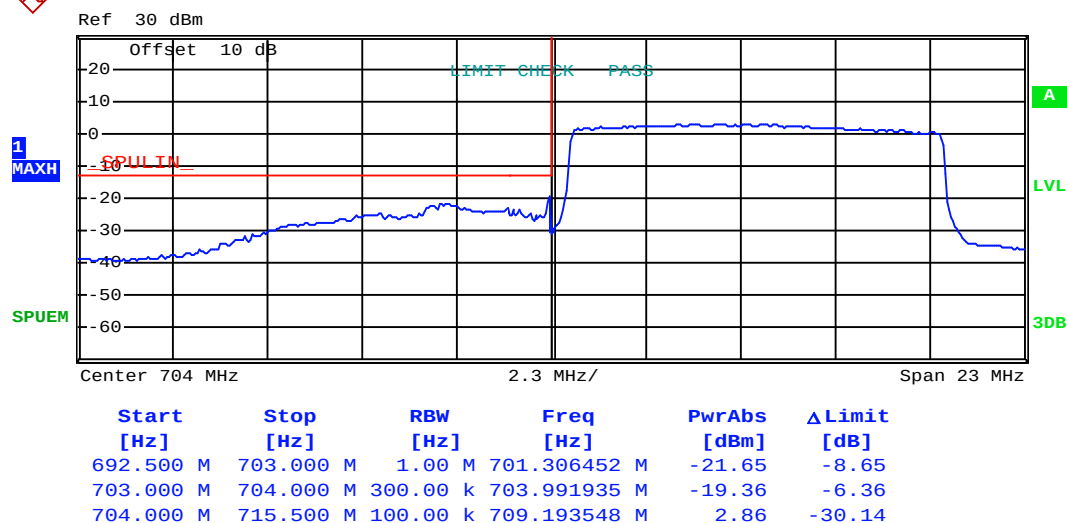
Lowest channel



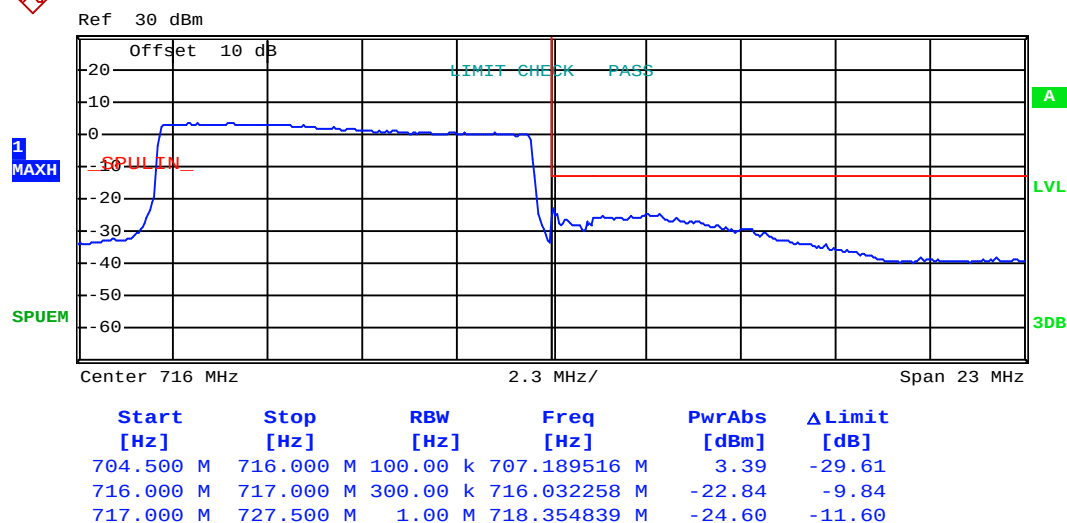
Highest channel

Test Mode:

LTE band 17(16QAM RB Size 50 & RB Offset 0)

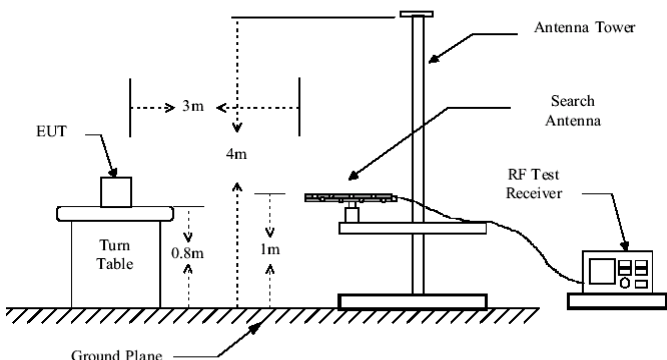
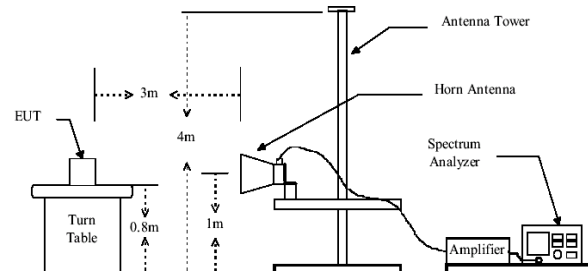
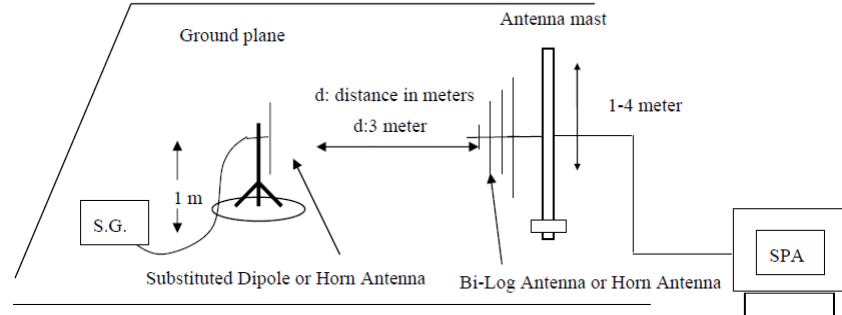


Lowest channel



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 LTE Band 17: 3W 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	20.57	33.00	Pass
					H	19.38		
1850.70	18607	16QAM	1.4	H	V	20.27		
					H	19.11		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	20.46	33.00	Pass
					H	19.26		
1850.70	18607	16QAM	1.4	H	V	20.21		
					H	19.51		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	19.52	33.00	Pass
					H	18.33		
1850.70	18607	16QAM	1.4	H	V	19.74		
					H	18.78		

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	21.06	33.00	Pass
					H	20.04		
1880.00	18900	16QAM	1.4	H	V	20.95		
					H	20.20		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	20.76	33.00	Pass
					H	19.82		
1880.00	18900	16QAM	1.4	H	V	20.51		
					H	20.06		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	20.13	33.00	Pass
					H	19.60		
1880.00	18900	16QAM	1.40	H	V	19.57		
					H	19.27		

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	19.82	33.00	Pass
					H	19.49		
1909.30	19193	16QAM	1.4	H	V	19.61		
					H	19.48		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	20.15	33.00	Pass
					H	19.61		
1909.30	19193	16QAM	1.4	H	V	19.88		
					H	19.57		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	19.85	33.00	Pass
					H	19.06		
1909.30	19193	16QAM	1.4	H	V	19.59		
					H	19.09		

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	21.12	33.00	Pass
					H	20.39		
1860.00	18700	16QAM	20	H	V	20.86		
					H	20.20		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	20.34	33.00	Pass
					H	19.24		
1860.00	18700	16QAM	20	H	V	20.73		
					H	19.64		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	18.28	33.00	Pass
					H	17.18		
1860.00	18700	16QAM	20	H	V	18.31		
					H	17.83		

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)								
1880.00	18900	QPSK	20	H	V	19.76	33.00	Pass
					H	18.86		
1880.00	18900	16QAM	20	H	V	19.58		
					H	18.64		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	19.79	33.00	Pass
					H	18.94		
1880.00	18900	16QAM	20	H	V	19.88		
					H	19.25		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	18.26	33.00	Pass
					H	18.09		
1880.00	18900	16QAM	20	H	V	18.64		
					H	18.52		

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	21.29	33.00	Pass
					H	20.85		
1900.00	19100	16QAM	20	H	V	20.74		
					H	21.22		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	19.71	33.00	Pass
					H	19.57		
1900.00	19100	16QAM	20	H	V	19.80		
					H	19.97		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	18.69	33.00	Pass
					H	18.38		
1900.00	19100	16QAM	20	H	V	18.82		
					H	18.76		

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	24.72	30.00	Pass
					H	18.64		
1710.70	19957	16QAM	1.4	H	V	24.72		
					H	18.66		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.63	30.00	Pass
					H	18.38		
1710.70	19957	16QAM	1.4	H	V	24.73		
					H	18.50		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.30	30.00	Pass
					H	17.35		
1710.70	19957	16QAM	1.4	H	V	23.57		
					H	18.28		

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)								
1710.70	19957	QPSK	1.4	H	V	25.55	30.00	Pass
					H	19.07		
1710.70	19957	16QAM	1.4	H	V	25.46		
					H	18.68		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	25.64	30.00	Pass
					H	19.03		
1710.70	19957	16QAM	1.4	H	V	25.88		
					H	18.93		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.38	30.00	Pass
					H	18.47		
1710.70	19957	16QAM	1.4	H	V	25.15		
					H	17.85		

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	23.86	30.00	Pass
					H	17.67		
1710.70	19957	16QAM	1.4	H	V	23.94		
					H	17.65		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.80	30.00	Pass
					H	17.75		
1710.70	19957	16QAM	1.4	H	V	23.80		
					H	17.64		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.15	30.00	Pass
					H	17.20		
1710.70	19957	16QAM	1.4	H	V	23.09		
					H	16.55		

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	23.33	30.00	Pass
					H	21.75		
1720.00	20050	16QAM	20	H	V	23.19		
					H	21.17		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	22.61	30.00	Pass
					H	20.63		
1720.00	20050	16QAM	20	H	V	22.70		
					H	20.88		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	20.88	30.00	Pass
					H	19.26		
1720.00	20050	16QAM	20	H	V	21.51		
					H	19.61		

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	23.38	30.00	Pass
					H	21.80		
1732.50	20175	16QAM	20	H	V	23.04		
					H	21.68		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	23.48	30.00	Pass
					H	21.67		
1732.50	20175	16QAM	20	H	V	23.56		
					H	21.96		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	21.27	30.00	Pass
					H	19.79		
1732.50	20175	16QAM	20	H	V	21.76		
					H	20.41		

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	25.04	30.00	Pass
					H	23.50		
1745.00	20300	16QAM	20	H	V	24.79		
					H	23.64		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	23.93	30.00	Pass
					H	22.50		
1745.00	20300	16QAM	20	H	V	24.16		
					H	23.13		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	20.85	30.00	Pass
					H	19.94		
1745.00	20300	16QAM	20	H	V	21.41		
					H	20.51		

LTE band 7 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)								
2502.50	20775	QPSK	5	H	V	13.86	33.00	Pass
					H	12.37		
2502.50	20775	16QAM	5	H	V	13.43		
					H	12.05		
1.4MHz(RB size 12 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	13.21	33.00	Pass
					H	11.93		
2502.50	20775	16QAM	5	H	V	12.55		
					H	11.13		
1.4MHz(RB size 25 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	13.45	33.00	Pass
					H	12.13		
2502.50	20775	16QAM	5	H	V	13.47		
					H	12.55		

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)								
2535.00	21100	QPSK	5	H	V	12.06	33.00	Pass
					H	12.62		
2535.00	21100	16QAM	5	H	V	11.76		
					H	12.86		
1.4MHz(RB size 12 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	11.61	33.00	Pass
					H	12.09		
2535.00	21100	16QAM	5	H	V	11.05		
					H	12.67		
1.4MHz(RB size 25 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	12.12	33.00	Pass
					H	12.57		
2535.00	21100	16QAM	5	H	V	12.24		
					H	12.96		

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)								
2567.50	21425	QPSK	5	H	V	12.20	33.00	Pass
					H	12.81		
2567.50	21425	16QAM	5	H	V	12.16		
					H	13.56		
1.4MHz(RB size 12 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	11.36	33.00	Pass
					H	11.88		
2567.50	21425	16QAM	5	H	V	11.40		
					H	12.71		
1.4MHz(RB size 25 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	11.97	33.00	Pass
					H	12.83		
2567.50	21425	16QAM	5	H	V	12.18		
					H	13.53		

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	11.68	33.00	Pass
					H	16.25		
2510.00	20850	16QAM	20	H	V	11.43		
					H	16.50		
20MHz(RB size 50 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	15.84	33.00	Pass
					H	14.81		
2510.00	20850	16QAM	20	H	V	15.95		
					H	15.37		
20MHz(RB size 100 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	14.85	33.00	Pass
					H	14.09		
2510.00	20850	16QAM	20	H	V	14.87		
					H	15.03		

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	17.44	33.00	Pass
					H	16.95		
2535.00	21100	16QAM	20	H	V	16.79		
					H	17.37		
20MHz(RB size 50 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	15.98	33.00	Pass
					H	16.19		
2535.00	21100	16QAM	20	H	V	15.25		
					H	16.83		
20MHz(RB size 100 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	14.47	33.00	Pass
					H	15.39		
2535.00	21100	16QAM	20	H	V	14.62		
					H	15.90		

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	14.22	33.00	Pass
					H	16.02		
2560.00	21350	16QAM	20	H	V	16.60		
					H	16.42		
20MHz(RB size 50 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	17.42	33.00	Pass
					H	16.59		
2560.00	21350	16QAM	20	H	V	17.88		
					H	17.24		
20MHz(RB size 100 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	16.96	33.00	Pass
					H	15.32		
2560.00	21350	16QAM	20	H	V	16.75		
					H	16.75		

**LTE band 17 part
Lowest channel**

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
706.50	23755	QPSK	5	H	V	18.99	34.77	Pass
					H	21.45		
706.50	23755	16QAM	5	H	V	21.48		
					H	21.71		
5MHz(RB size 12 & RB offset 0)								
706.50	23755	QPSK	5	H	V	21.94	34.77	Pass
					H	22.50		
706.50	23755	16QAM	5	H	V	21.27		
					H	21.64		
5MHz(RB size 25 & RB offset 0)								
706.50	23755	QPSK	5	H	V	20.49	34.77	Pass
					H	21.63		
706.50	23755	16QAM	5	H	V	20.85		
					H	21.23		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	5	H	V	19.70	34.77	Pass
					H	20.39		
710.00	23790	16QAM	5	H	V	20.17		
					H	20.51		
5MHz(RB size 12 & RB offset 0)								
710.00	23790	QPSK	5	H	V	20.10	34.77	Pass
					H	20.53		
710.00	23790	16QAM	5	H	V	19.58		
					H	19.60		
5MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	5	H	V	19.58	34.77	Pass
					H	19.62		
710.00	23790	16QAM	5	H	V	19.87		
					H	19.87		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
713.50	23825	QPSK	5	H	V	19.03	34.77	Pass
					H	19.38		
713.50	23825	16QAM	5	H	V	19.55		
					H	19.40		
5MHz(RB size 12 & RB offset 0)								
713.50	23825	QPSK	5	H	V	19.51	34.77	Pass
					H	19.57		
713.50	23825	16QAM	5	H	V	19.26		
					H	19.21		
5MHz(RB size 25 & RB offset 0)								
713.50	23825	QPSK	5	H	V	19.73	34.77	Pass
					H	20.03		
713.50	23825	16QAM	5	H	V	19.93		
					H	20.10		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
709.00	23780	QPSK	20	H	V	18.63	34.77	Pass
					H	15.83		
709.00	23780	16QAM	20	H	V	18.46		
					H	15.38		
10MHz(RB size 25 & RB offset 0)								
709.00	23780	QPSK	20	H	V	17.78	34.77	Pass
					H	15.47		
709.00	23780	16QAM	20	H	V	18.01		
					H	14.99		
10MHz(RB size 50 & RB offset 0)								
709.00	23780	QPSK	20	H	V	17.96	34.77	Pass
					H	15.76		
709.00	23780	16QAM	20	H	V	17.29		
					H	14.96		

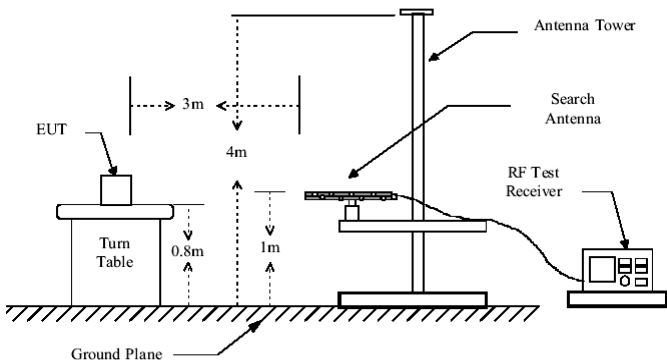
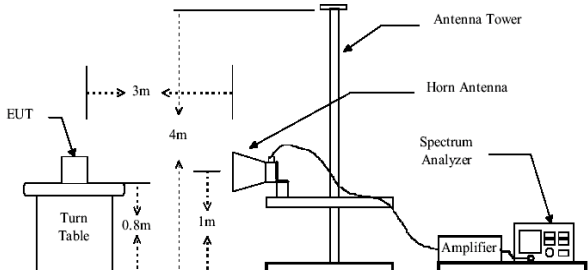
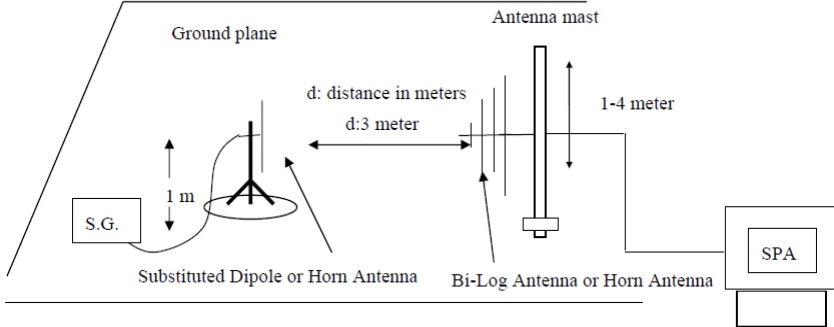
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	20	H	V	18.42	34.77	Pass
					H	14.68		
710.00	23790	16QAM	20	H	V	18.58		
					H	14.72		
10MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	20	H	V	15.62	34.77	Pass
					H	17.43		
710.00	23790	16QAM	20	H	V	15.62		
					H	17.14		
10MHz(RB size 50 & RB offset 0)								
710.00	23790	QPSK	20	H	V	15.52	34.77	Pass
					H	18.23		
710.00	23790	16QAM	20	H	V	13.51		
					H	17.44		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
711.00	23800	QPSK	20	H	V	14.57	34.77	Pass
					H	18.98		
711.00	23800	16QAM	20	H	V	15.49		
					H	19.22		
10MHz(RB size 25 & RB offset 0)								
711.00	23800	QPSK	20	H	V	12.73	34.77	Pass
					H	15.99		
711.00	23800	16QAM	20	H	V	12.66		
					H	16.15		
10MHz(RB size 50 & RB offset 0)								
711.00	23800	QPSK	20	H	V	13.25	34.77	Pass
					H	17.10		
711.00	23800	16QAM	20	H	V	12.29		
					H	17.02		

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 17: -13dBm 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	-42.73	-13.00	Pass
5552.10	V	-42.12		
7402.00	V	-38.71		
3701.40	Horizontal	-40.57		
5552.10	H	-39.93		
7402.00	H	-38.40		
Middle				
3760.00	Vertical	-38.59	-13.00	Pass
5640.00	V	-42.59		
7520.00	V	-40.32		
3760.00	Horizontal	-42.59		
5640.00	H	-40.66		
7520.00	H	-39.85		
Highest				
3816.60	Vertical	-37.26	-13.00	Pass
5724.90	V	-42.58		
7633.20	V	-40.94		
3816.60	Horizontal	-44.22		
5724.90	H	-39.51		
7633.20	H	-40.76		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-41.89	-13.00	Pass
5554.50	V	-42.80		
7406.00	V	-40.19		
3703.00	Horizontal	-43.58		
5554.50	H	-37.77		
7406.00	H	-38.81		
Middle				
3760.00	Vertical	-38.39	-13.00	Pass
5640.00	V	-43.20		
7520.00	V	-40.59		
3760.00	Horizontal	-43.67		
5640.00	H	-39.39		
7520.00	H	-39.34		
Highest				
3817.00	Vertical	-43.38	-13.00	Pass
5725.50	V	-42.88		
7634.00	V	-39.16		
3817.00	Horizontal	-42.20		
5725.50	H	-38.14		
7634.00	H	-40.26		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-40.41	-13.00	Pass
5557.50	V	-41.33		
7410.00	V	-39.87		
3705.00	Horizontal	-42.91		
5557.50	H	-42.39		
7410.00	H	-38.97		
Middle				
3760.00	Vertical	-39.15	-13.00	Pass
5640.00	V	-39.44		
7520.00	V	-38.26		
3760.00	Horizontal	-42.59		
5640.00	H	-39.09		
7520.00	H	-38.82		
Highest				
3815.00	Vertical	-38.13	-13.00	Pass
5722.50	V	-42.57		
7630.00	V	-41.37		
3815.00	Horizontal	-41.87		
5722.50	H	-38.46		
7630.00	H	-35.28		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-42.25	-13.00	Pass
5565.00	V	-43.09		
7420.00	V	-38.92		
3710.00	Horizontal	-41.25		
5565.00	H	-37.84		
7420.00	H	-37.84		
Middle				
3760.00	Vertical	-41.41	-13.00	Pass
5640.00	V	-43.51		
7520.00	V	-40.40		
3760.00	Horizontal	-46.53		
5640.00	H	-39.49		
7520.00	H	-39.52		
Highest				
3810.00	Vertical	-35.11	-13.00	Pass
5715.00	V	-42.60		
7620.00	V	-41.27		
3810.00	Horizontal	-42.95		
5715.00	H	-38.83		
7620.00	H	-39.81		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-42.27	-13.00	Pass
5572.50	V	-42.66		
7430.00	V	-39.60		
3715.00	Horizontal	-43.38		
5572.50	H	-35.91		
7430.00	H	-37.38		
Middle				
3760.00	Vertical	-39.94	-13.00	Pass
5640.00	V	-42.88		
7520.00	V	-39.45		
3760.00	Horizontal	-45.25		
5640.00	H	-39.28		
7520.00	H	-39.43		
Highest				
3805.00	Vertical	-37.15	-13.00	Pass
5707.50	V	-42.94		
7610.00	V	-41.52		
3805.00	Horizontal	-38.89		
5707.50	H	-38.70		
7610.00	H	-40.19		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-41.13	-13.00	Pass
5580.00	V	-42.18		
7440.00	V	-38.73		
3720.00	Horizontal	-42.62		
5580.00	H	-37.95		
7440.00	H	-37.40		
Middle				
3760.00	Vertical	-42.32	-13.00	Pass
5640.00	V	-42.36		
7520.00	V	-40.58		
3760.00	Horizontal	-46.49		
5640.00	H	-40.43		
7520.00	H	-39.67		
Highest				
3800.00	Vertical	-33.51	-13.00	Pass
5700.00	V	-40.17		
7600.00	V	-41.43		
3800.00	Horizontal	-41.15		
5700.00	H	-39.66		
7600.00	H	-39.86		

LTE Band 4 Part:

LTE Band 41 Art.

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3421.40	Vertical	-43.88	-13.00	Pass
5132.10	V	-44.06		
6842.80	V	-42.11		
3421.40	Horizontal	-44.23		
5132.10	H	-42.23		
6842.80	H	-39.58		
Middle				
3465.00	Vertical	-44.83	-13.00	Pass
5197.50	V	-44.67		
6930.00	V	-41.34		
3465.00	Horizontal	-47.96		
5197.50	H	-42.96		
6930.00	H	-38.92		
Highest				
3508.60	Vertical	-45.06	-13.00	Pass
5262.90	V	-42.28		
7017.20	V	-39.48		
3508.60	Horizontal	-45.38		
5262.90	H	-42.77		
7017.20	H	-39.99		
3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-43.18	-13.00	Pass
5134.50	V	-44.51		
6846.00	V	-42.19		
3423.00	Horizontal	-45.99		
5134.50	H	-42.92		
6846.00	H	-39.35		
Middle				
3465.00	Vertical	-44.12	-13.00	Pass
5197.50	V	-44.15		
6930.00	V	-41.03		
3465.00	Horizontal	-45.66		
5197.50	H	-43.51		
6930.00	H	-39.34		

Highest				
3507.00	Vertical	-43.43	-13.00	Pass
5260.50	V	-43.45		
7014.00	V	-40.77		
3507.00	Horizontal	-48.04		
5260.50	H	-42.71		
7014.00	H	-38.73		
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-43.14	-13.00	Pass
5137.50	V	-43.65		
6850.00	V	-41.80		
3425.00	Horizontal	-46.93		
5137.50	H	-44.02		
6850.00	H	-39.90		
Middle				
3465.00	Vertical	-43.88	-13.00	Pass
5197.50	V	-45.02		
6930.00	V	-41.67		
3465.00	Horizontal	-44.45		
5197.50	H	-42.62		
6930.00	H	-40.10		
Highest				
3505.00	Vertical	-43.05	-13.00	Pass
5257.50	V	-43.78		
7010.00	V	-40.34		
3505.00	Horizontal	-47.35		
5257.50	H	-42.25		
7010.00	H	-35.22		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-43.66	-13.00	Pass
5145.00	V	-44.82		
6860.00	V	-41.21		
3430.00	Horizontal	-45.08		
5145.00	H	-41.79		
6860.00	H	-38.57		

Middle				
3465.00	Vertical	-43.81	-13.00	Pass
5197.50	V	-43.90		
6930.00	V	-40.27		
3465.00	Horizontal	-46.15		
5197.50	H	-43.45		
6930.00	H	-39.69		
Highest				
3500.00	Vertical	-45.91	-13.00	Pass
5250.00	V	-42.26		
7000.00	V	-39.29		
3500.00	Horizontal	-47.39		
5250.00	H	-42.12		
7000.00	H	-39.17		
15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-45.00	-13.00	Pass
5152.50	V	-46.83		
6870.00	V	-41.69		
3435.00	Horizontal	-47.62		
5152.50	H	-44.42		
6870.00	H	-40.68		
Middle				
3465.00	Vertical	-45.31	-13.00	Pass
5197.50	V	-44.48		
6930.00	V	-40.10		
3465.00	Horizontal	-43.16		
5197.50	H	-42.68		
6930.00	H	-40.44		
Highest				
3495.00	Vertical	-43.75	-13.00	Pass
5242.50	V	-42.95		
6990.00	V	-39.72		
3495.00	Horizontal	-47.85		
5242.50	H	-41.68		
6990.00	H	-38.72		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-38.98	-13.00	Pass
5160.00	V	-43.57		
6880.00	V	-41.08		
3440.00	Horizontal	-44.31		
5160.00	H	-41.21		
6880.00	H	-42.31		
Middle				
3465.00	Vertical	-44.40	-13.00	Pass
5197.50	V	-44.69		
6930.00	V	-41.59		
3465.00	Horizontal	-45.59		
5197.50	H	-43.51		
6930.00	H	-39.44		
Highest				
3490.00	Vertical	-44.31	-13.00	Pass
5235.00	V	-43.37		
6980.00	V	-40.01		
3490.00	Horizontal	-44.69		
5235.00	H	-41.39		
6980.00	H	-39.01		

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	32.16	-25.00	Pass
7507.50	V	-29.53		
10010.00	V	-33.25		
5005.00	Horizontal	-26.48		
7507.50	H	-29.10		
10010.00	H	-36.78		
Middle				
5070.00	Vertical	-34.87	-25.00	Pass
7605.00	V	-32.43		
10140.00	V	-34.26		
5070.00	Horizontal	-26.90		
7605.00	H	-29.91		
10140.00	H	-33.19		
Highest				
5135.00	Vertical	-36.44	-25.00	Pass
7702.50	V	-27.00		
10270.00	V	-32.71		
5135.00	Horizontal	-29.30		
7702.50	H	-28.84		
10270.00	H	-34.90		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5010.00	Vertical	-33.15	-25.00	Pass
7515.00	V	-30.57		
10020.00	V	-33.37		
5010.00	Horizontal	-25.22		
7515.00	H	-27.66		
10020.00	H	-32.14		
Middle				
5070.00	Vertical	-33.73	-25.00	Pass
7605.00	V	-31.22		
10140.00	V	-33.03		
5070.00	Horizontal	-28.28		
7605.00	H	-30.44		
10140.00	H	-33.94		

Highest				
5130.00	Vertical	-38.10	-25.00	Pass
7695.00	V	-29.67		
10260.00	V	-34.89		
5130.00	Horizontal	-27.38		
7695.00	H	-28.20		
10260.00	H	-33.25		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5015.00	Vertical	-31.29	-25.00	Pass
7522.50	V	-30.08		
10030.00	V	-32.93		
5015.00	Horizontal	-26.37		
7522.50	H	-28.49		
10030.00	H	-32.28		
Middle				
5070.00	Vertical	-28.89	-25.00	Pass
7605.00	V	-32.34		
10140.00	V	-33.25		
5070.00	Horizontal	-26.49		
7605.00	H	-30.37		
10140.00	H	-32.47		
Highest				
5125.00	Vertical	-26.11	-25.00	Pass
7687.50	V	-27.09		
10250.00	V	-31.59		
5125.00	Horizontal	-26.75		
7687.50	H	-27.52		
10250.00	H	-37.88		
20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5020.00	Vertical	-32.57	-25.00	Pass
7530.00	V	-28.22		
10040.00	V	-33.37		
5020.00	Horizontal	-25.53		
7530.00	H	-29.68		
10040.00	H	-30.50		

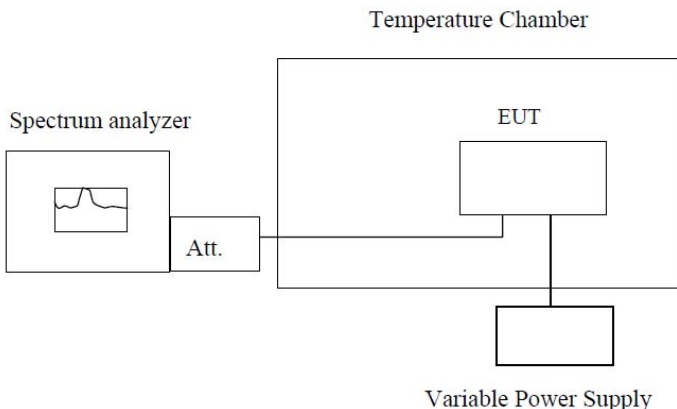
Middle				
5070.00	Vertical	-33.94	-25.00	Pass
7605.00	V	-31.84		
10140.00	V	-33.55		
5070.00	Horizontal	-27.54		
7605.00	H	-30.24		
10140.00	H	-33.72		
Highest				
5120.00	Vertical	-37.94	-25.00	Pass
7680.00	V	-30.63		
10240.00	V	-33.92		
5120.00	Horizontal	-26.52		
7680.00	H	-27.43		
10240.00	H	-32.35		

LTE Band 17 Part:

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1413.00	Vertical	-57.24	-13.00	Pass
2119.50	V	-47.85		
2826.00	V	-52.07		
1413.00	Horizontal	-57.99		
2119.50	H	-50.51		
2826.00	H	-52.53		
Middle				
1420.00	Vertical	-58.09	-13.00	Pass
2130.00	V	-50.80		
2840.00	V	-50.53		
1420.00	Horizontal	-57.93		
2130.00	H	-47.29		
2840.00	H	-51.66		
Highest				
1427.00	Vertical	-56.46	-13.00	Pass
2140.50	V	-53.58		
2854.00	V	-52.77		
1427.00	Horizontal	-56.95		
2140.50	H	-51.67		
2854.00	H	-52.19		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1418.00	Vertical	-59.83	-13.00	Pass
2127.00	V	-51.26		
2836.00	V	-51.36		
1418.00	Horizontal	-59.09		
2127.00	H	-51.92		
2836.00	H	-52.53		
Middle				
1420.00	Vertical	-59.12	-13.00	Pass
2130.00	V	-51.78		
2840.00	V	-50.94		
1420.00	Horizontal	-55.62		
2130.00	H	-50.69		
2840.00	H	-51.70		
Highest				
1422.00	Vertical	-58.94	-13.00	Pass
2133.00	V	-52.46		
2844.00	V	-51.76		
1422.00	Horizontal	-57.82		
2133.00	H	-49.84		
2844.00	H	-51.62		

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		
3.70	-30	180	0.095745	±2.5	Pass
	-20	163	0.086702		
	-10	174	0.092553		
	0	152	0.080851		
	10	120	0.063830		
	20	108	0.057447		
	30	160	0.085106		
	40	141	0.075000		
	50	74	0.039362		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	134	0.071277	±2.5	Pass
	-20	152	0.080851		
	-10	174	0.092553		
	0	163	0.086702		
	10	157	0.083511		
	20	160	0.085106		
	30	142	0.075532		
	40	138	0.073404		
	50	145	0.077128		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	123	0.065426	±2.5	Pass
	-20	124	0.065957		
	-10	96	0.051064		
	0	87	0.046277		
	10	96	0.051064		
	20	108	0.057447		
	30	63	0.033511		
	40	85	0.045213		
	50	107	0.056915		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	63	0.033511	±2.5	Pass
	-20	174	0.092553		
	-10	58	0.030851		
	0	69	0.036702		
	10	138	0.073404		
	20	125	0.066489		
	30	74	0.039362		
	40	108	0.057447		
	50	89	0.047340		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	93	0.049468	±2.5	Pass
	-20	86	0.045745		
	-10	70	0.037234		
	0	124	0.065957		
	10	74	0.039362		
	20	108	0.057447		
	30	99	0.052660		
	40	124	0.065957		
	50	67	0.035638		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	142	0.075532	±2.5	Pass
	-20	156	0.082979		
	-10	137	0.072872		
	0	85	0.045213		
	10	63	0.033511		
	20	96	0.051064		
	30	107	0.056915		
	40	124	0.065957		
	50	136	0.072340		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	124	0.065957	±2.5	Pass
	-20	163	0.086702		
	-10	185	0.098404		
	0	174	0.092553		
	10	63	0.033511		
	20	180	0.095745		
	30	124	0.065957		
	40	136	0.072340		
	50	167	0.088830		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	134	0.071277	±2.5	Pass
	-20	126	0.067021		
	-10	127	0.067553		
	0	109	0.057979		
	10	127	0.067553		
	20	166	0.088298		
	30	152	0.080851		
	40	137	0.072872		
	50	123	0.065426		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	125	0.066489	±2.5	Pass
	-20	96	0.051064		
	-10	87	0.046277		
	0	136	0.072340		
	10	128	0.068085		
	20	127	0.067553		
	30	109	0.057979		
	40	137	0.072872		
	50	128	0.068085		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	107	0.056915	±2.5	Pass
	-20	136	0.072340		
	-10	85	0.045213		
	0	107	0.056915		
	10	129	0.068617		
	20	174	0.092553		
	30	63	0.033511		
	40	107	0.056915		
	50	105	0.055851		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	137	0.072872	±2.5	Pass
	-20	106	0.056383		
	-10	99	0.052660		
	0	123	0.065426		
	10	130	0.069149		
	20	142	0.075532		
	30	63	0.033511		
	40	127	0.067553		
	50	97	0.051596		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	136	0.072340	±2.5	Pass
	-20	157	0.083511		
	-10	126	0.067021		
	0	124	0.065957		
	10	96	0.051064		
	20	85	0.045213		
	30	74	0.039362		
	40	67	0.035638		
	50	96	0.051064		

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		
3.70	-30	74	0.042713	±2.5	Pass
	-20	85	0.049062		
	-10	157	0.090620		
	0	169	0.097547		
	10	128	0.073882		
	20	137	0.079076		
	30	108	0.062338		
	40	136	0.078499		
	50	107	0.061760		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	160	0.092352	±2.5	Pass
	-20	155	0.089466		
	-10	137	0.079076		
	0	108	0.062338		
	10	126	0.072727		
	20	134	0.077345		
	30	125	0.072150		
	40	107	0.061760		
	50	126	0.072727		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	170	0.098124	±2.5	Pass
	-20	165	0.095238		
	-10	123	0.070996		
	0	124	0.071573		
	10	98	0.056566		
	20	105	0.060606		
	30	106	0.061183		
	40	127	0.073304		
	50	103	0.059452		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	96	0.055411	±2.5	Pass
	-20	123	0.070996		
	-10	127	0.073304		
	0	90	0.051948		
	10	162	0.093506		
	20	144	0.083117		
	30	106	0.061183		
	40	124	0.071573		
	50	130	0.075036		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	107	0.061760	±2.5	Pass
	-20	126	0.072727		
	-10	105	0.060606		
	0	114	0.065801		
	10	103	0.059452		
	20	98	0.056566		
	30	75	0.043290		
	40	123	0.070996		
	50	104	0.060029		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	152	0.087734	±2.5	Pass
	-20	174	0.100433		
	-10	177	0.102165		
	0	63	0.036364		
	10	105	0.060606		
	20	108	0.062338		
	30	126	0.072727		
	40	142	0.081962		
	50	102	0.058874		

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		
3.70	-30	152	0.087734	±2.5	Pass
	-20	163	0.094084		
	-10	120	0.069264		
	0	140	0.080808		
	10	141	0.081385		
	20	125	0.072150		
	30	123	0.070996		
	40	122	0.070418		
	50	99	0.057143		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	113	0.065224	±2.5	Pass
	-20	145	0.083694		
	-10	105	0.060606		
	0	79	0.045599		
	10	162	0.093506		
	20	124	0.071573		
	30	135	0.077922		
	40	141	0.081385		
	50	108	0.062338		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	132	0.076190	±2.5	Pass
	-20	89	0.051371		
	-10	96	0.055411		
	0	127	0.073304		
	10	108	0.062338		
	20	163	0.094084		
	30	127	0.073304		
	40	108	0.062338		
	50	166	0.095815		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	124	0.071573	±2.5	Pass
	-20	167	0.096392		
	-10	99	0.057143		
	0	98	0.056566		
	10	108	0.062338		
	20	121	0.069841		
	30	106	0.061183		
	40	130	0.075036		
	50	98	0.056566		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	122	0.070418	±2.5	Pass
	-20	104	0.060029		
	-10	130	0.075036		
	0	125	0.072150		
	10	107	0.061760		
	20	163	0.094084		
	30	74	0.042713		
	40	152	0.087734		
	50	96	0.055411		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	163	0.094084	±2.5	Pass
	-20	152	0.087734		
	-10	147	0.084848		
	0	125	0.072150		
	10	68	0.039250		
	20	96	0.055411		
	30	55	0.031746		
	40	107	0.061760		
	50	102	0.058874		

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		
3.70	-30	185	0.072978	±2.5	Pass
	-20	163	0.064300		
	-10	127	0.050099		
	0	85	0.033531		
	10	66	0.026036		
	20	75	0.029586		
	30	124	0.048915		
	40	86	0.033925		
	50	96	0.037870		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	74	0.029191	±2.5	Pass
	-20	130	0.051282		
	-10	122	0.048126		
	0	127	0.050099		
	10	98	0.038659		
	20	63	0.024852		
	30	85	0.033531		
	40	107	0.042209		
	50	123	0.048521		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	174	0.068639	±2.5	Pass
	-20	163	0.064300		
	-10	85	0.033531		
	0	96	0.037870		
	10	174	0.068639		
	20	156	0.061538		
	30	74	0.029191		
	40	89	0.035108		
	50	63	0.024852		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	140	0.055227	±2.5	Pass
	-20	63	0.024852		
	-10	74	0.029191		
	0	85	0.033531		
	10	130	0.051282		
	20	114	0.044970		
	30	98	0.038659		
	40	87	0.034320		
	50	88	0.034714		

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		
3.70	-30	63	0.024852	±2.5	Pass
	-20	96	0.037870		
	-10	124	0.048915		
	0	157	0.061933		
	10	163	0.064300		
	20	52	0.020513		
	30	47	0.018540		
	40	67	0.026430		
	50	98	0.038659		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	87	0.034320	±2.5	Pass
	-20	66	0.026036		
	-10	102	0.040237		
	0	134	0.052860		
	10	63	0.024852		
	20	96	0.037870		
	30	85	0.033531		
	40	124	0.048915		
	50	132	0.034320		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	155	0.061144	2.5	Pass
	-20	136	0.053649		
	-10	78	0.030769		
	0	99	0.039053		
	10	125	0.049310		
	20	96	0.037870		
	30	88	0.034714		
	40	89	0.035108		
	50	97	0.038264		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	163	0.064300	2.5	Pass
	-20	85	0.033531		
	-10	124	0.048915		
	0	163	0.064300		
	10	85	0.033531		
	20	74	0.029191		
	30	62	0.024458		
	40	79	0.031164		
	50	90	0.035503		

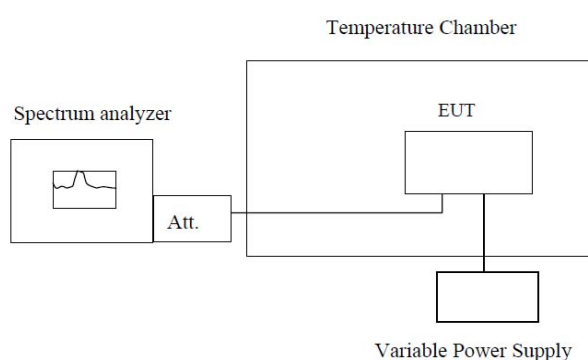
LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	157	0.221127	±2.5	Pass
	-20	163	0.229577		
	-10	95	0.133803		
	0	85	0.119718		
	10	74	0.104225		
	20	63	0.088732		
	30	85	0.119718		
	40	96	0.135211		
	50	104	0.146479		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	106	0.149296	±2.5	Pass
	-20	124	0.174648		
	-10	175	0.246479		
	0	163	0.229577		
	10	98	0.138028		
	20	85	0.119718		
	30	87	0.122535		
	40	123	0.173239		
	50	99	0.139437		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	134	0.188732	±2.5	Pass
	-20	95	0.133803		
	-10	88	0.123944		
	0	67	0.094366		
	10	96	0.135211		
	20	85	0.119718		
	30	124	0.174648		
	40	136	0.191549		
	50	88	0.123944		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	104	0.146479	±2.5	Pass
	-20	96	0.135211		
	-10	87	0.122535		
	0	96	0.135211		
	10	124	0.174648		
	20	136	0.191549		
	30	96	0.135211		
	40	85	0.119718		
	50	87	0.122535		

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):

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	63	0.033511	±2.5	Pass
	3.70	87	0.046277		
	3.40	68	0.036170		
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	85	0.045213	±2.5	Pass
	3.70	88	0.046809		
	3.40	74	0.039362		
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	63	0.033511	±2.5	Pass
	3.70	45	0.023936		
	3.40	75	0.039894		
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	63	0.033511	±2.5	Pass
	3.70	98	0.052128		
	3.40	87	0.046277		
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	63	0.033511	±2.5	Pass
	3.70	58	0.030851		
	3.40	55	0.029255		
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	64	0.034043	±2.5	Pass
	3.70	62	0.032979		
	3.40	74	0.039362		

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	98	0.052128	±2.5	Pass
	3.70	86	0.045745		
	3.40	85	0.045213		
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	57	0.030319	±2.5	Pass
	3.70	63	0.033511		
	3.40	60	0.031915		
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	74	0.039362	±2.5	Pass
	3.70	57	0.030319		
	3.40	49	0.026064		
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	63	0.033511	±2.5	Pass
	3.70	68	0.036170		
	3.40	74	0.039362		
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	48	0.025532	±2.5	Pass
	3.70	45	0.023936		
	3.40	42	0.022340		
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	63	0.033511	±2.5	Pass
	3.70	85	0.045213		
	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	63	0.036364	±2.5	Pass
	3.70	58	0.033478		
	3.40	74	0.042713		
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	69	0.039827	±2.5	Pass
	3.70	58	0.033478		
	3.40	47	0.027128		
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	52	0.030014	±2.5	Pass
	3.70	59	0.034055		
	3.40	47	0.027128		
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	86	0.049639	±2.5	Pass
	3.70	85	0.049062		
	3.40	47	0.027128		
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	56	0.032323	±2.5	Pass
	3.70	57	0.032900		
	3.40	96	0.055411		
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	88	0.050794	±2.5	Pass
	3.70	74	0.042713		
	3.40	71	0.040981		

LTE Band 4(16QAM):

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	63	0.036364	±2.5	Pass
	3.70	58	0.033478		
	3.40	45	0.025974		
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	74	0.042713	±2.5	Pass
	3.70	85	0.049062		
	3.40	88	0.050794		
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	67	0.038672	±2.5	Pass
	3.70	66	0.038095		
	3.40	53	0.030592		
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	85	0.049062	±2.5	Pass
	3.70	99	0.057143		
	3.40	57	0.032900		
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	63	0.036364	±2.5	Pass
	3.70	85	0.049062		
	3.40	74	0.042713		
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	58	0.033478	±2.5	Pass
	3.70	66	0.038095		
	3.40	57	0.032900		

LTE Band 7(QPSK):

LTE Band 7(5MHz)

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	63	0.024852	±2.5	Pass
	3.70	66	0.026036		
	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	74	0.029191	±2.5	Pass
	3.70	59	0.023274		
	3.40	52	0.020513		
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	74	0.029191	±2.5	Pass
	3.70	63	0.024852		
	3.40	85	0.033531		
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	96	0.037870	±2.5	Pass
	3.70	85	0.033531		
	3.40	57	0.022485		

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	63	0.024852	±2.5	Pass
	3.70	57	0.022485		
	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	67	0.026430	±2.5	Pass
	3.70	46	0.018146		
	3.40	96	0.037870		
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	85	0.033531	±2.5	Pass
	3.70	57	0.022485		
	3.40	55	0.021696		
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	63	0.024852	±2.5	Pass
	3.70	60	0.023669		
	3.40	85	0.033531		

LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	57	0.080282	±2.5	Pass
	3.70	85	0.119718		
	3.40	63	0.088732		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	74	0.104225	±2.5	Pass
	3.70	58	0.081690		
	3.40	52	0.073239		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	65	0.091549	±2.5	Pass
	3.70	68	0.095775		
	3.40	74	0.104225		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.119718	±2.5	Pass
	3.70	63	0.088732		
	3.40	85	0.119718		